

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012519\  
 Data File : BG039291.D  
 Acq On : 25 Jan 2019 23:17  
 Operator : JU/SJ  
 Sample : PB116630BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Quant Time: Jan 28 03:15:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 13269    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 70567    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 35894    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.39 | 188  | 99628    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 121812   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.93 | 264  | 124492   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 100481   | 143.65 | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 135020   | 134.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.18  | 82   | 87214    | 67.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 78008    | 129.65 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 221506   | 84.46  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.00 | 244  | 601893   | 91.41  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 8147     | 29.743 | ng    | # 76   |
| 3) Pyridine                    | 3.83  | 79   | 27612    | 37.098 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42   | 17068    | 50.960 | ng    | 98     |
| 6) Aniline                     | 7.34  | 93   | 23016    | 19.038 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.56  | 128  | 36018    | 43.682 | ng    | 95     |
| 9) Benzaldehyde                | 7.15  | 77   | 7680     | 13.229 | ng    | 94     |
| 10) Phenol                     | 7.19  | 94   | 44672    | 44.263 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 29747    | 38.565 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 37228    | 37.684 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 39313    | 39.293 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 37773    | 39.596 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 38317    | 50.545 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45   | 61698    | 41.714 | ng    | 99     |
| 17) 2-Methylphenol             | 8.45  | 107  | 31132    | 44.424 | ng    | 97     |
| 18) Hexachloroethane           | 9.08  | 117  | 15227    | 44.797 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70   | 33351    | 50.453 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.78  | 107  | 57323    | 57.372 | ng    | 99     |
| 22) Acetophenone               | 8.83  | 105  | 65584    | 35.588 | ng    | # 99   |
| 24) Nitrobenzene               | 9.23  | 77   | 43797    | 33.599 | ng    | 95     |
| 25) Isophorone                 | 9.74  | 82   | 81200    | 36.553 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139  | 22712    | 32.213 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 38528    | 38.841 | ng    | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93   | 41152    | 30.824 | ng    | 96     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162  | 40502    | 32.867 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180  | 56906    | 38.433 | ng    | 99     |
| 31) Naphthalene                | 10.87 | 128  | 154506   | 43.655 | ng    | 98     |
| 32) Benzoic acid               | 10.17 | 122  | 2864     | 13.218 | ng    | # 74   |
| 33) 4-Chloroaniline            | 11.00 | 127  | 18434    | 11.640 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.13 | 225  | 36720    | 36.042 | ng    | 99     |
| 35) Caprolactam                | 11.78 | 113  | 15304    | 30.970 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107  | 56146    | 42.599 | ng    | 94     |
| 37) 2-Methylnaphthalene        | 12.48 | 142  | 87845    | 33.105 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.69 | 142  | 81219    | 31.889 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 55155    | 40.915 | ng    | 99     |

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 Sample : PB116630BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

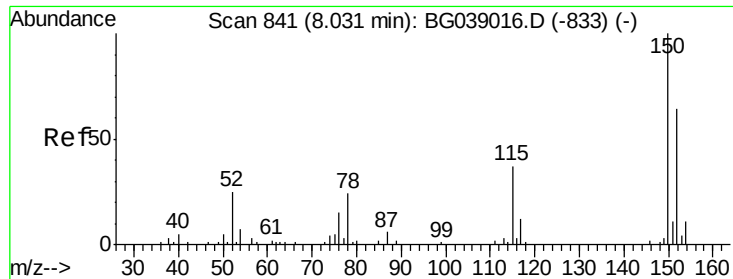
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Quant Time: Jan 28 03:15:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 60187    | 79.327 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 35473    | 41.811 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 38361    | 42.780 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 112835   | 39.673 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 91250    | 39.647 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 27258    | 42.274 | ng    | 94       |
| 49) Acenaphthylene             | 14.37 | 152  | 151136   | 43.688 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 127540   | 42.048 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 28874    | 42.578 | ng    | 95       |
| 52) Acenaphthene               | 14.71 | 154  | 86093    | 41.421 | ng    | 94       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 11048    | 16.060 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 12149    | 33.334 | ng    | # 85     |
| 55) Dibenzofuran               | 15.04 | 168  | 154194   | 42.005 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 43384    | 87.647 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 42939    | 44.134 | ng    | 96       |
| 58) Fluorene                   | 15.70 | 166  | 124559   | 45.079 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 37517    | 44.322 | ng    | 99       |
| 60) Diethylphthalate           | 15.45 | 149  | 136138   | 43.562 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 70866    | 40.709 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 29557    | 41.243 | ng    | 94       |
| 63) Azobenzene                 | 15.97 | 77   | 103241   | 42.244 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 17555    | 23.784 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 117332   | 39.727 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 49112    | 38.349 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 53635    | 38.381 | ng    | 96       |
| 69) Atrazine                   | 16.84 | 200  | 51717    | 41.219 | ng    | 95       |
| 70) Pentachlorophenol          | 17.05 | 266  | 40766    | 49.591 | ng    | 97       |
| 71) Phenanthrene               | 17.44 | 178  | 230589   | 43.788 | ng    | 99       |
| 72) Anthracene                 | 17.53 | 178  | 237797   | 45.671 | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 210232   | 40.902 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 244846   | 42.820 | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 393760   | 60.317 | ng    | 99       |
| 77) Benzidine                  | 19.63 | 184  | 72936    | 19.576 | ng    | 97       |
| 78) Pyrene                     | 19.82 | 202  | 402078   | 51.795 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 149202   | 50.534 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 350542   | 47.273 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 57573    | 19.056 | ng    | 100      |
| 83) Chrysene                   | 21.72 | 228  | 343600   | 48.720 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 192966   | 47.069 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 318997   | 46.017 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 358594   | 42.552 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 355578   | 51.800 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 346617   | 51.070 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 325288   | 49.026 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.72 | 278  | 303270   | 45.952 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.84 | 276  | 297234   | 45.493 | ng    | 96       |

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



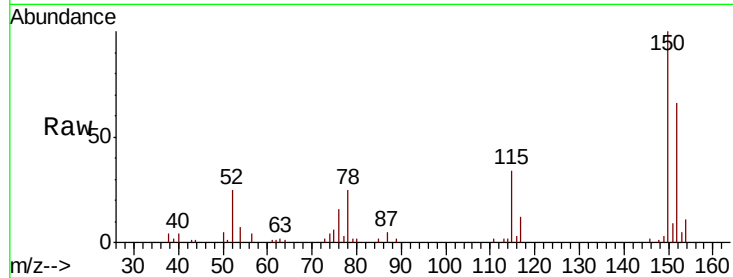


#1

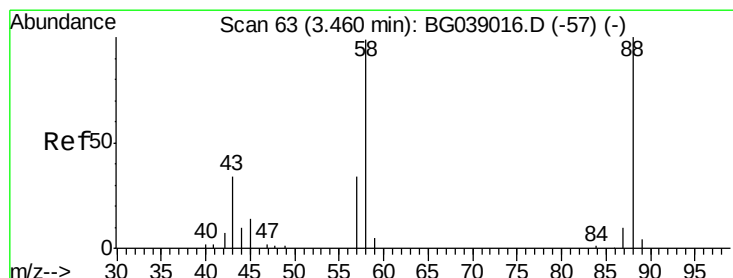
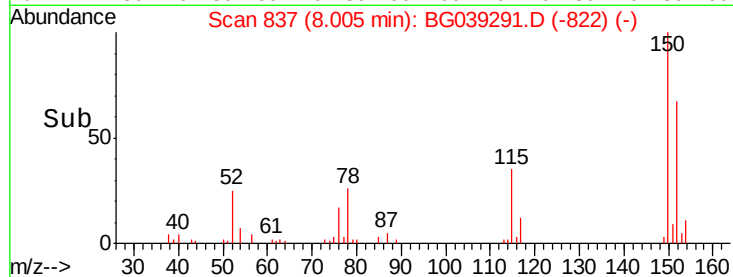
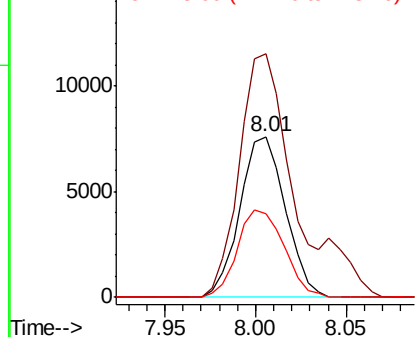
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion:152 Resp: 13269  
Ion Ratio Lower Upper  
152 100  
150 151.3 124.7 187.1  
115 52.2 46.5 69.7



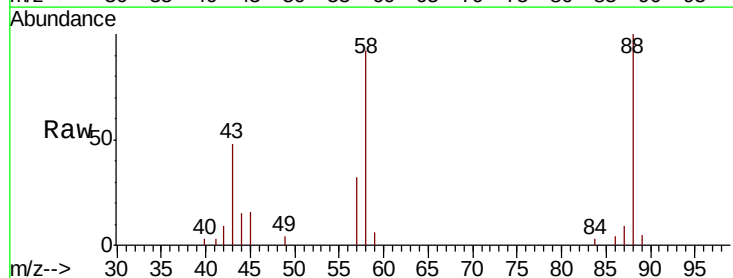
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



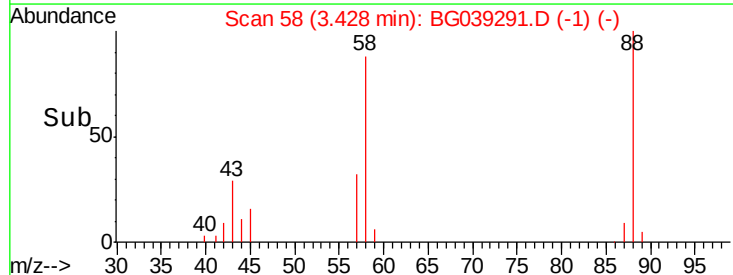
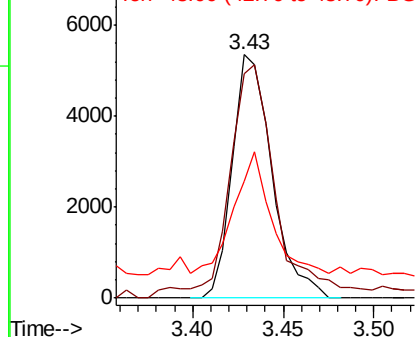
#2

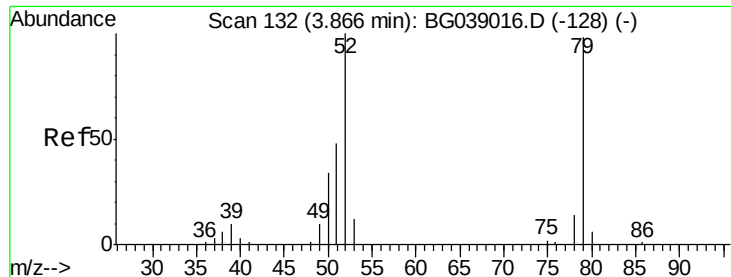
1,4-Dioxane  
Concen: 29.743 ng  
RT: 3.43 min Scan# 58  
Delta R.T. -0.02 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion: 88 Resp: 8147  
Ion Ratio Lower Upper  
88 100  
58 114.6 72.4 108.6#  
43 46.2 27.6 41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.098 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.02 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

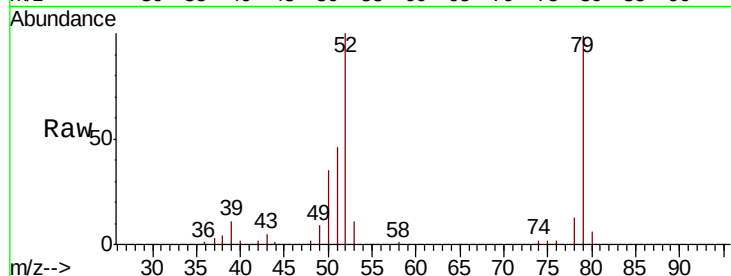
Tgt Ion: 79 Resp: 27612

Ion Ratio Lower Upper

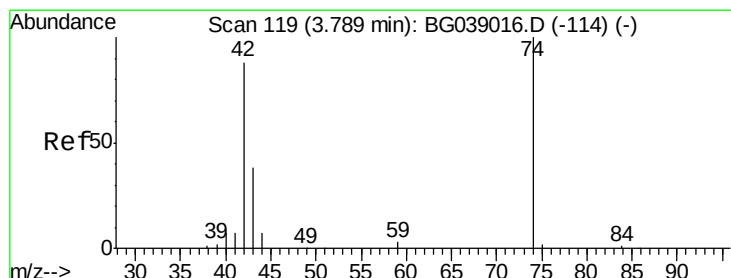
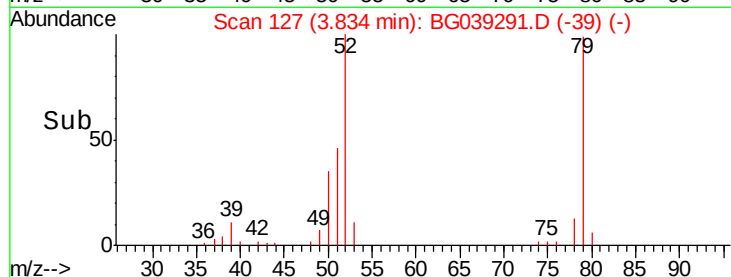
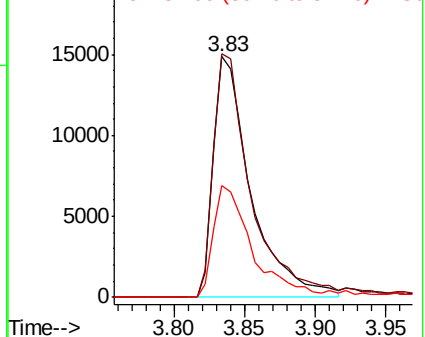
79 100

52 101.2 81.5 122.3

51 46.5 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.960 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

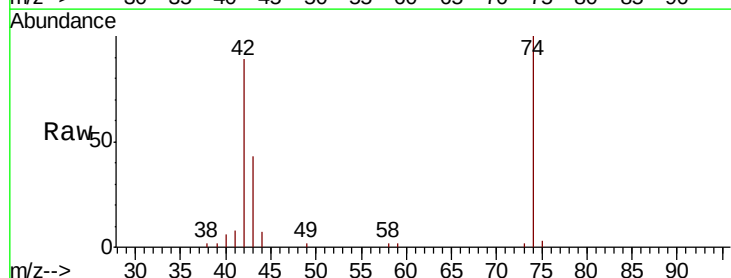
Tgt Ion: 42 Resp: 17068

Ion Ratio Lower Upper

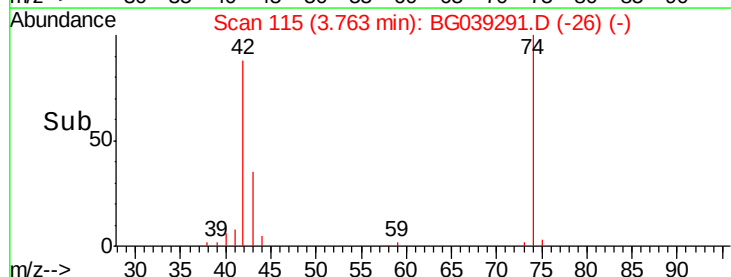
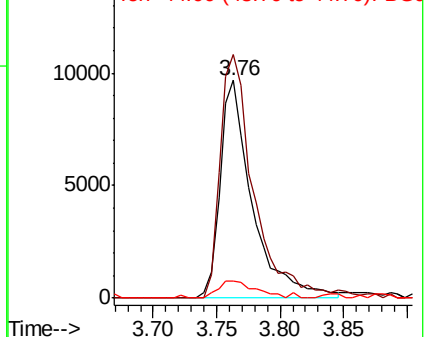
42 100

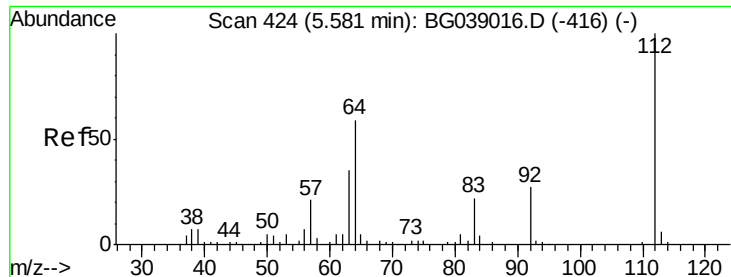
74 111.8 90.7 136.1

44 7.7 6.5 9.7



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





#5

2-Fluorophenol

Concen: 143.651 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

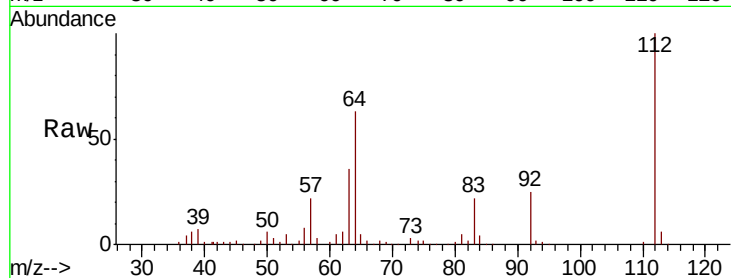
Tgt Ion: 112 Resp: 100481

Ion Ratio Lower Upper

112 100

64 63.2 47.0 70.6

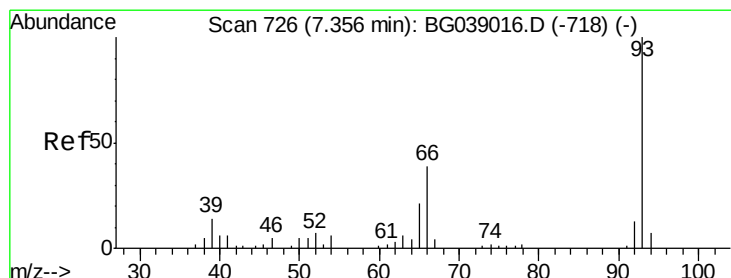
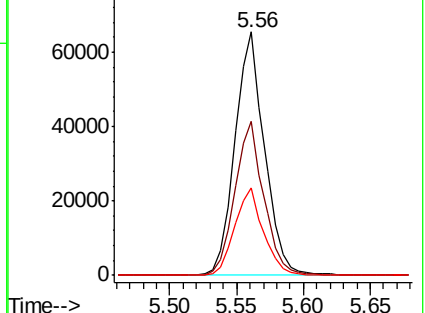
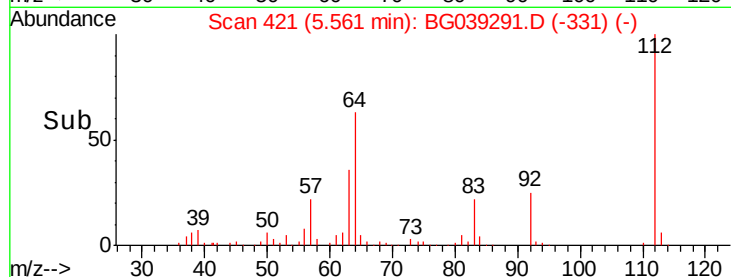
63 35.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.038 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

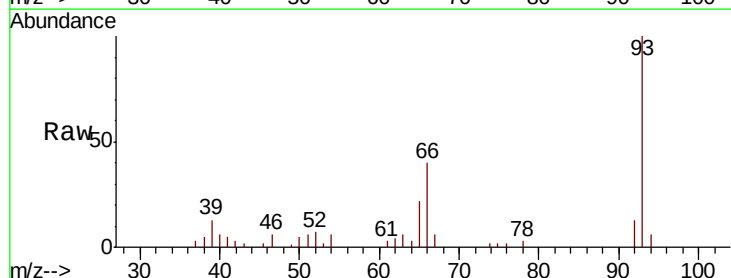
Tgt Ion: 93 Resp: 23016

Ion Ratio Lower Upper

93 100

66 39.6 30.9 46.3

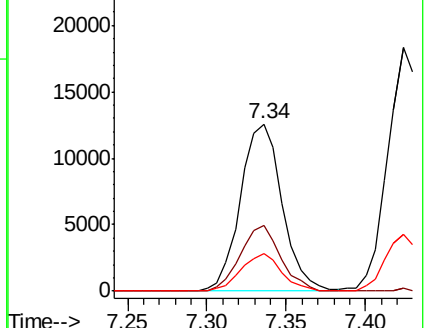
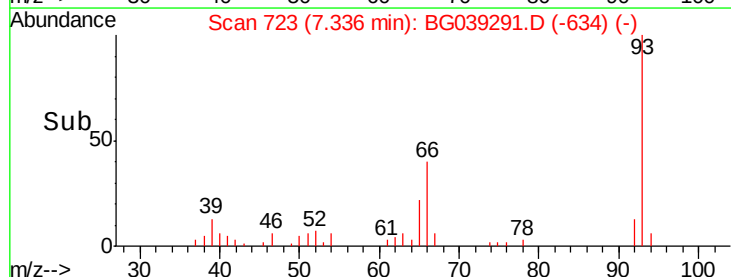
65 22.3 17.0 25.4

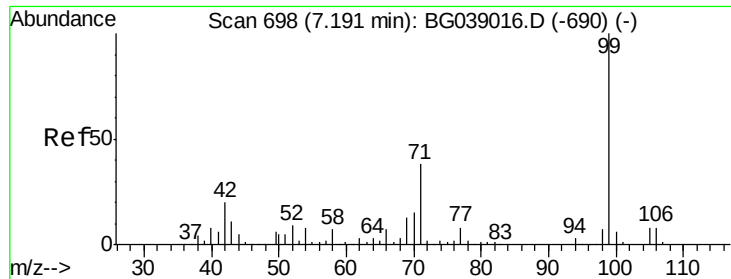


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.129 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

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ClientSampleId :

PB116630BS

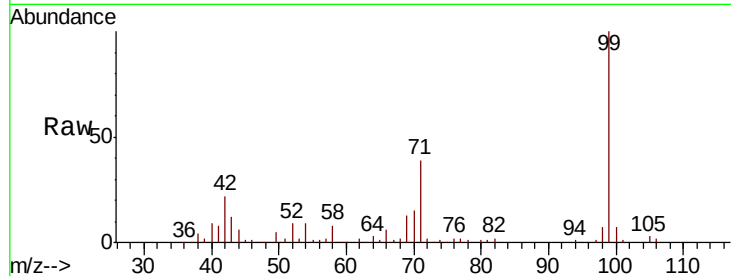
Tgt Ion: 99 Resp: 135020

Ion Ratio Lower Upper

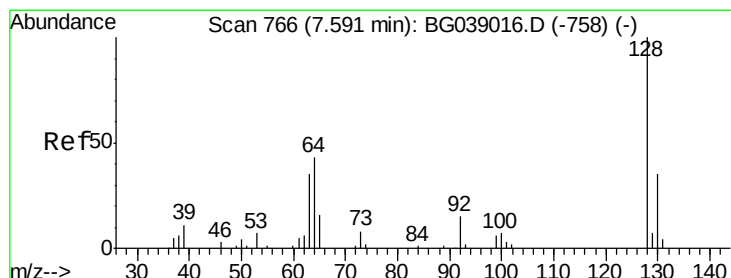
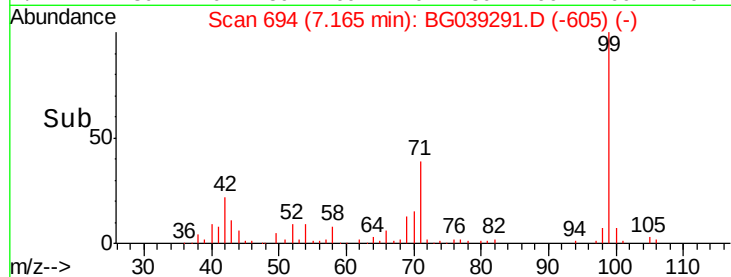
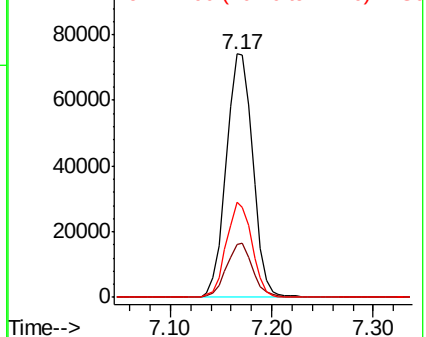
99 100

42 21.8 15.8 23.6

71 39.1 30.2 45.4



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



#8

2-Chlorophenol

Concen: 43.682 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

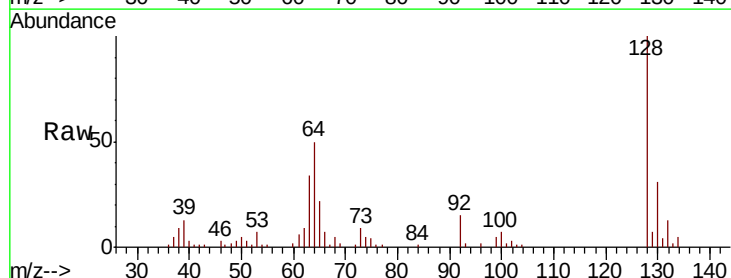
Tgt Ion: 128 Resp: 36018

Ion Ratio Lower Upper

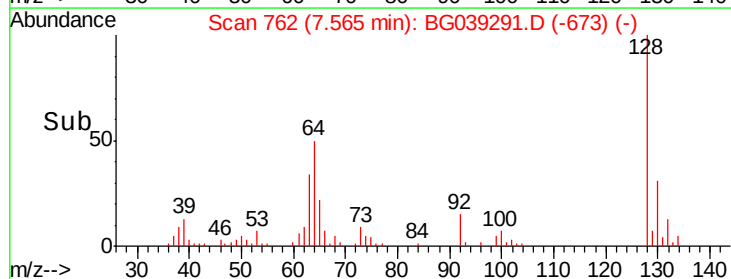
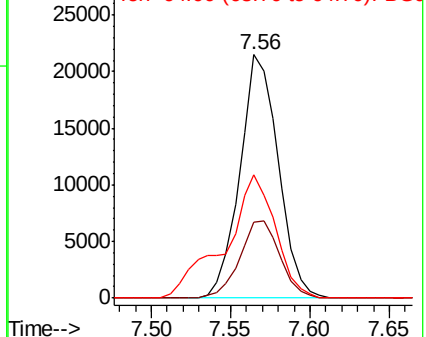
128 100

130 31.2 14.5 54.5

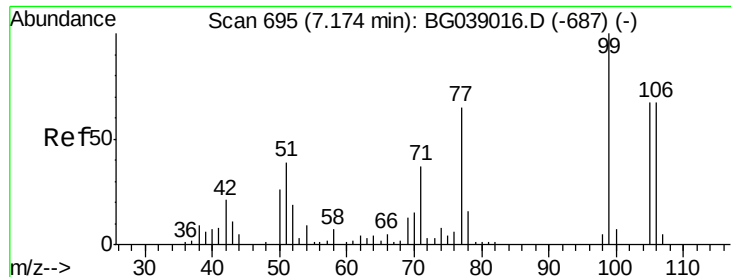
64 50.5 27.3 67.3



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



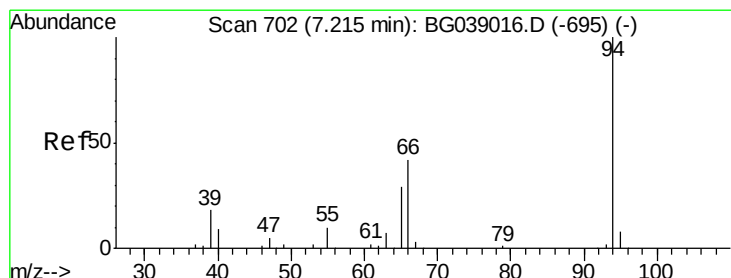
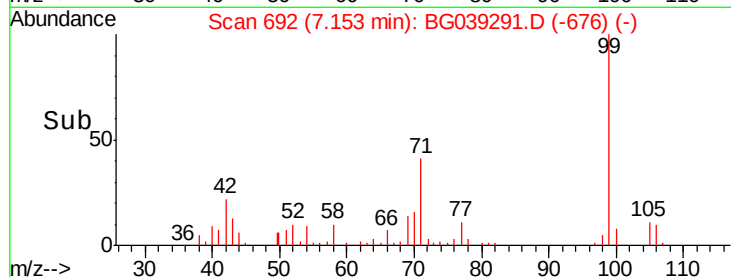
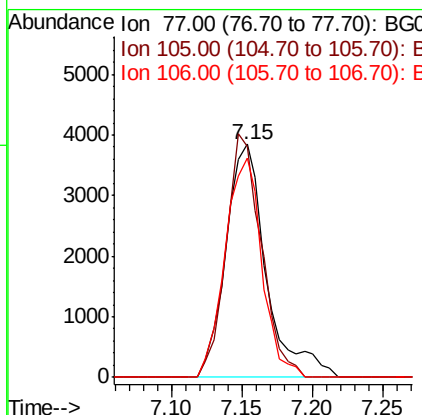
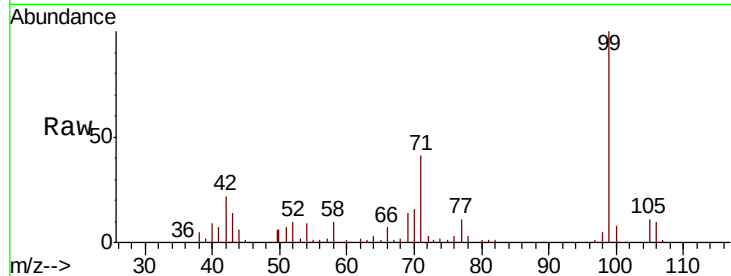




#9  
Benzaldehyde  
Concen: 13.229 ng  
RT: 7.15 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

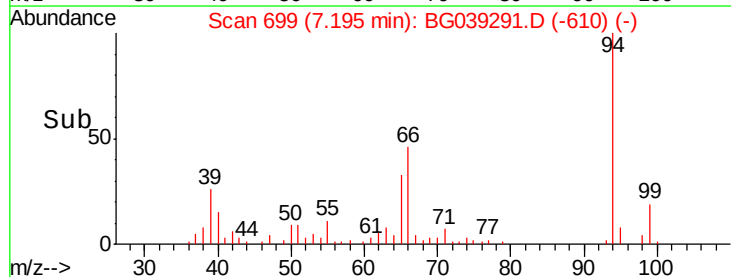
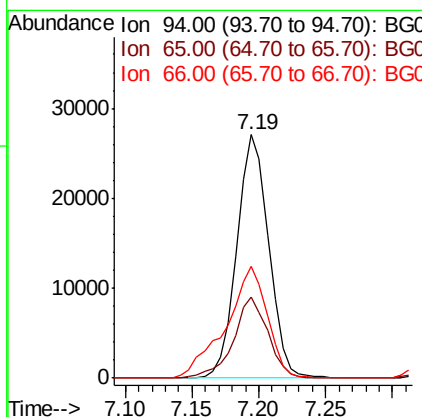
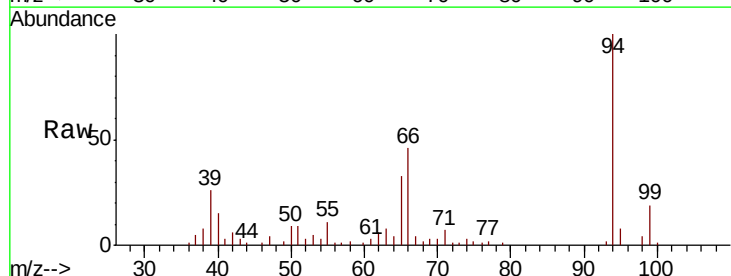
Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion: 77 Resp: 7680  
Ion Ratio Lower Upper  
77 100  
105 99.0 82.4 122.4  
106 94.1 82.8 122.8

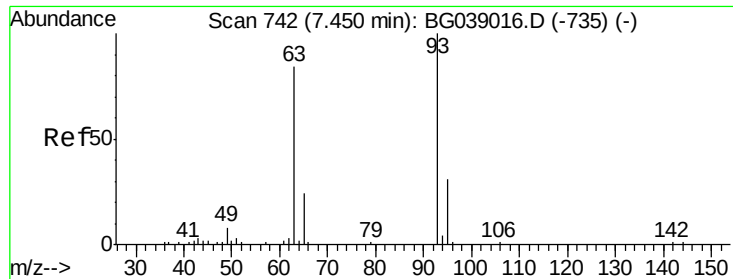


#10  
Phenol  
Concen: 44.263 ng  
RT: 7.19 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion: 94 Resp: 44672  
Ion Ratio Lower Upper  
94 100  
65 33.5 10.3 50.3  
66 45.8 25.1 65.1







#11

bis(2-Chloroethyl)ether

Concen: 38.565 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

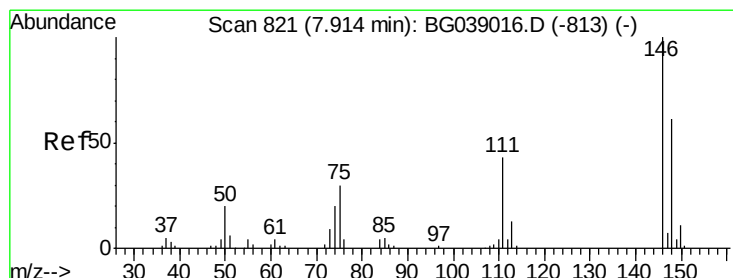
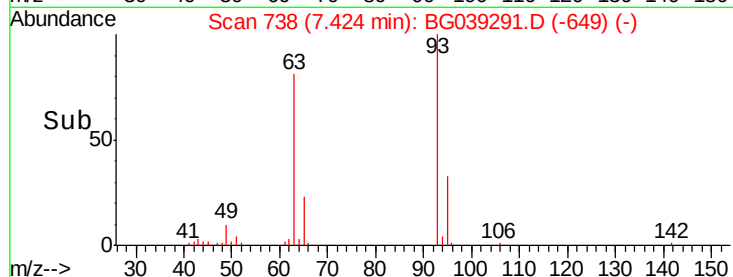
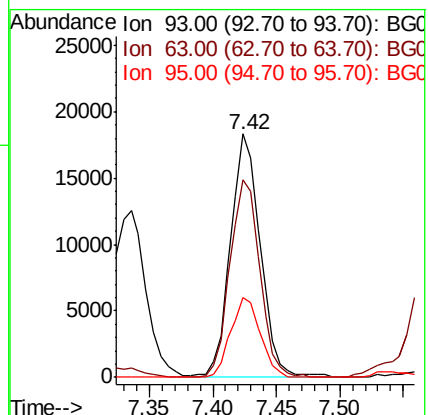
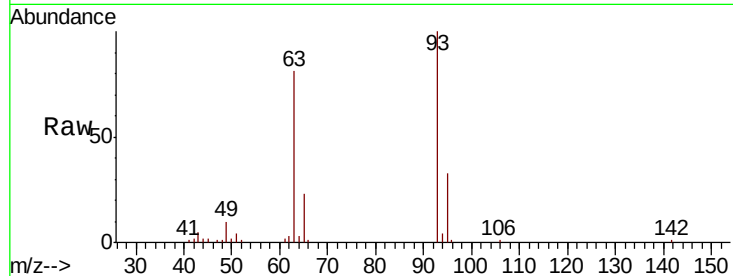
Tgt Ion: 93 Resp: 29747

Ion Ratio Lower Upper

93 100

63 81.2 63.2 103.2

95 33.0 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 37.684 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

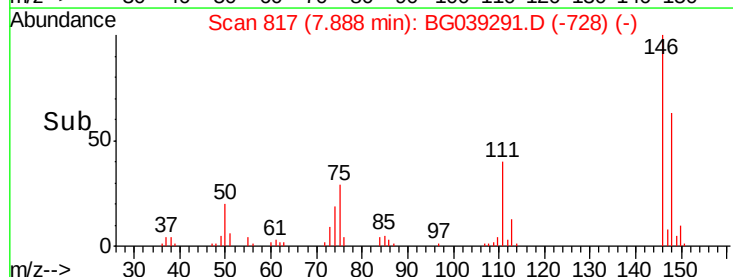
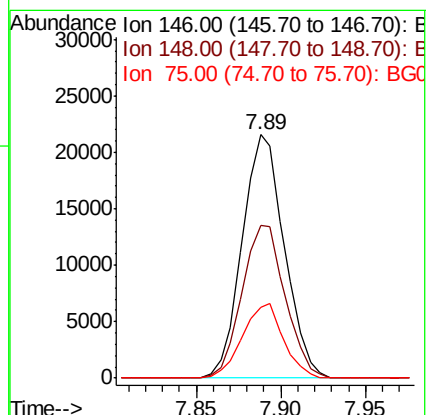
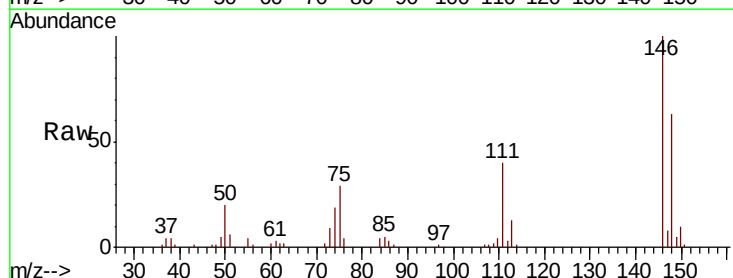
Tgt Ion: 146 Resp: 37228

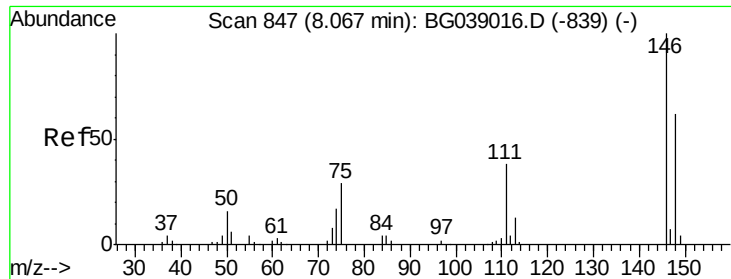
Ion Ratio Lower Upper

146 100

148 62.6 49.1 73.7

75 29.0 23.9 35.9

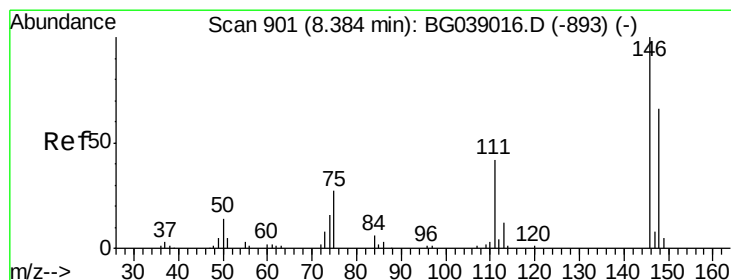
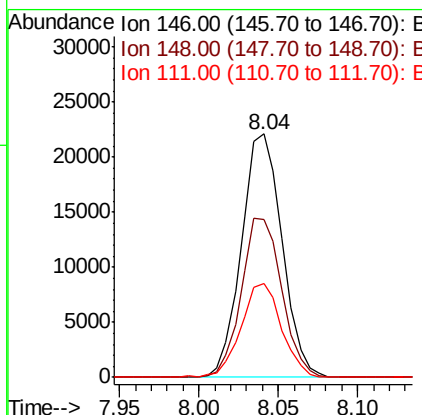
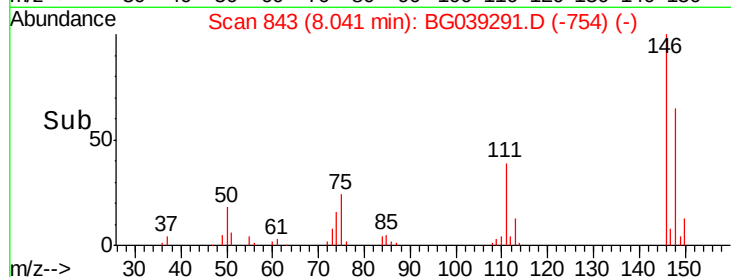
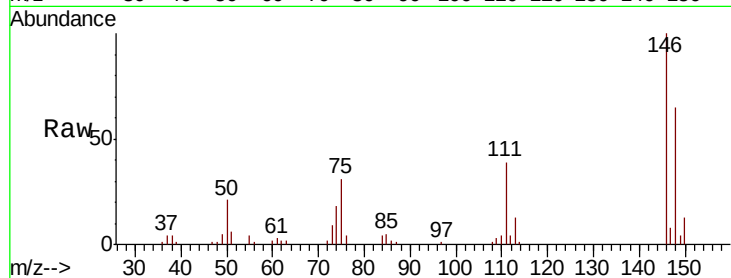




#13  
 1,4-Dichlorobenzene  
 Concen: 39.293 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

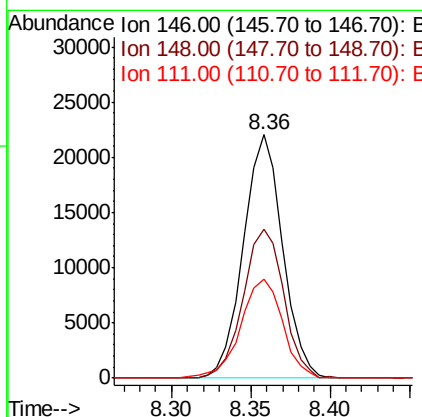
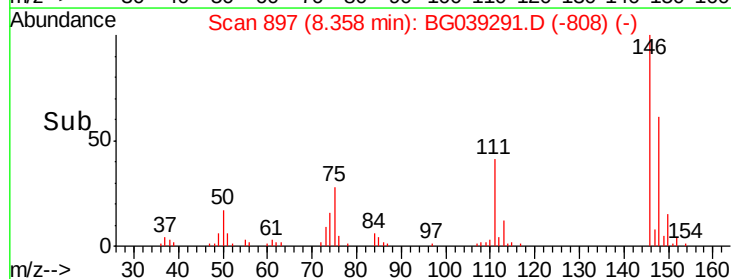
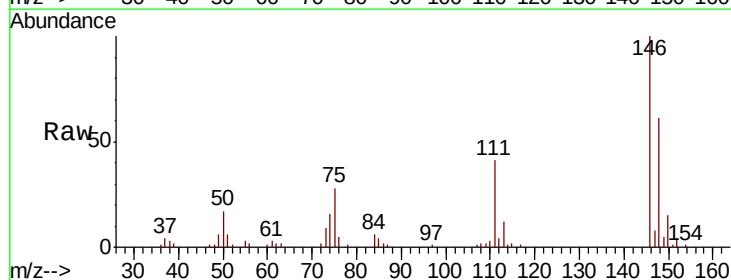
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

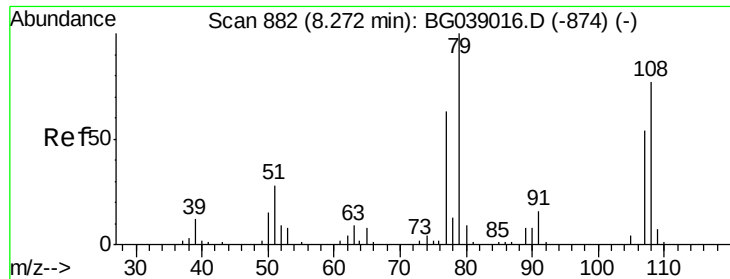
Tgt Ion:146 Resp: 39313  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 49.8 74.6  
 111 38.7 30.6 45.8



#14  
 1,2-Dichlorobenzene  
 Concen: 39.596 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:146 Resp: 37773  
 Ion Ratio Lower Upper  
 146 100  
 148 60.9 52.6 79.0  
 111 40.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 50.545 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

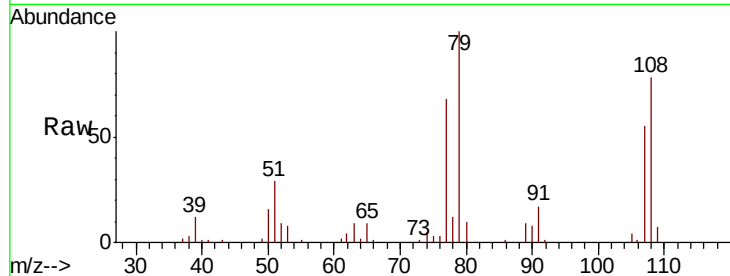
Tgt Ion: 79 Resp: 38317

Ion Ratio Lower Upper

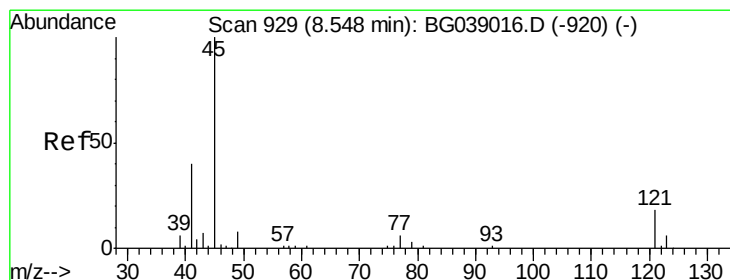
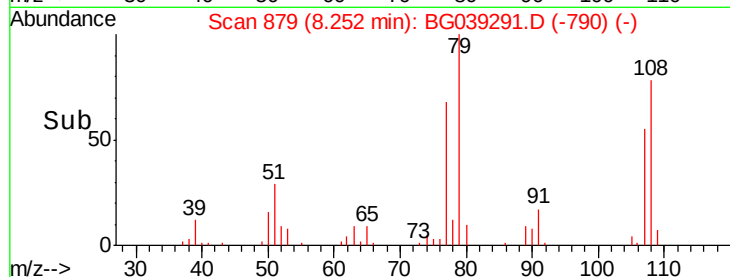
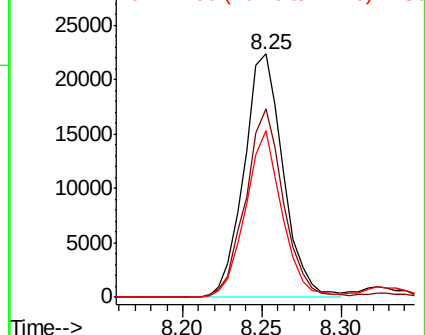
79 100

108 77.6 62.0 93.0

77 68.3 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.714 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

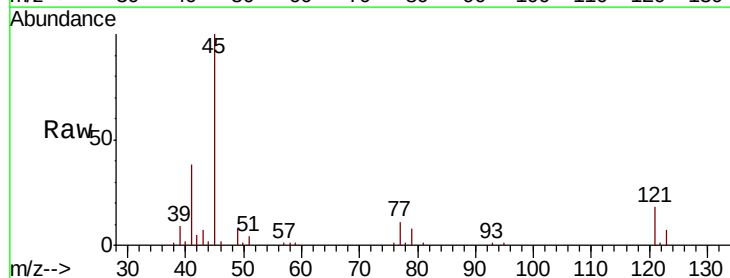
Tgt Ion: 45 Resp: 61698

Ion Ratio Lower Upper

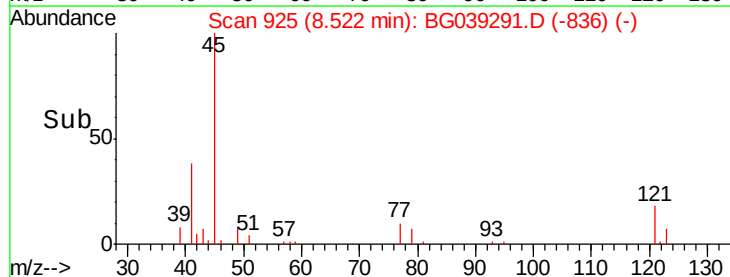
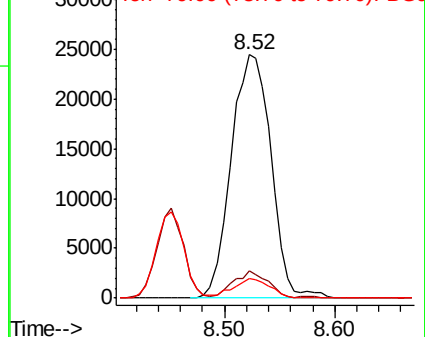
45 100

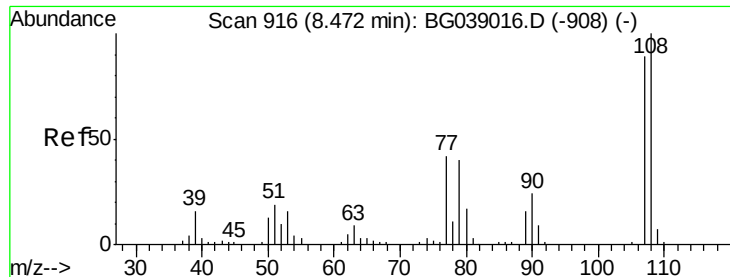
77 11.4 0.0 30.7

79 8.2 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

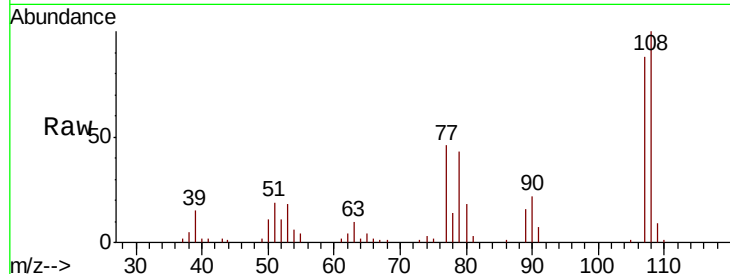




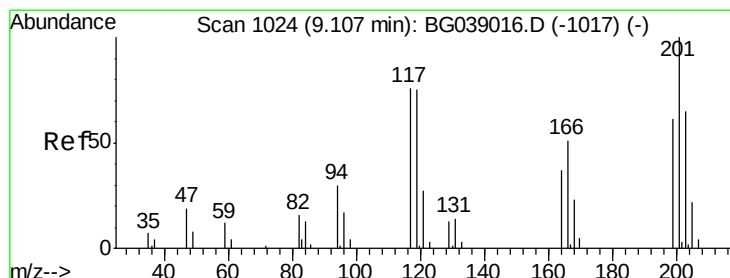
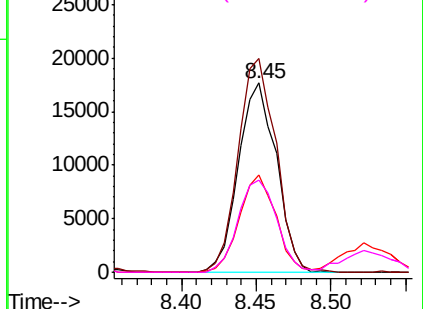
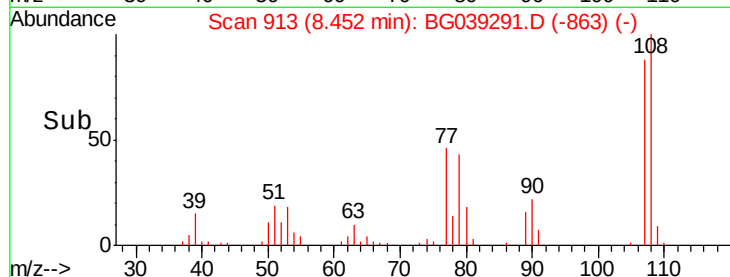
#17  
2-Methylphenol  
Concen: 44.424 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion:107 Resp: 31132  
Ion Ratio Lower Upper  
107 100  
108 113.0 90.3 135.5  
77 51.5 38.3 57.5  
79 49.0 35.8 53.6

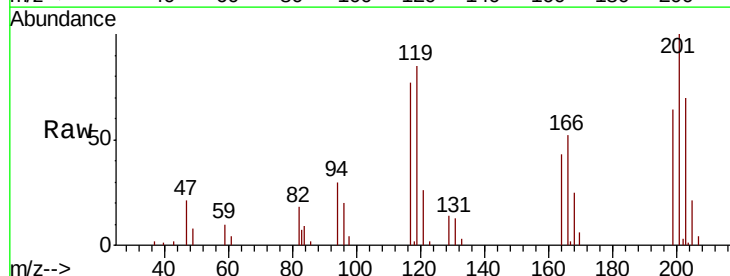


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

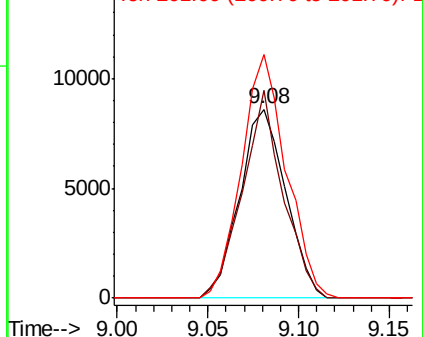
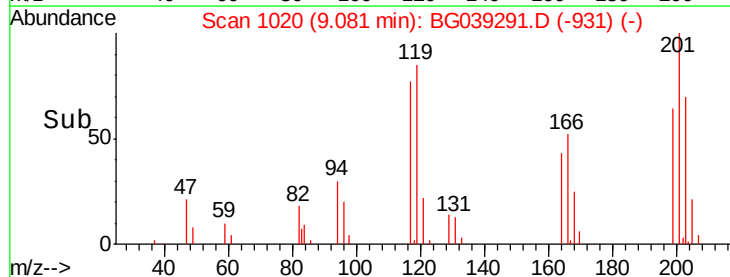


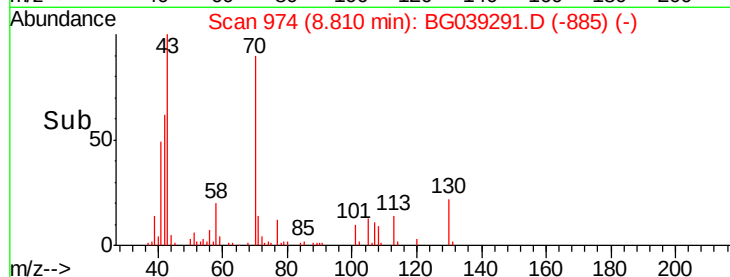
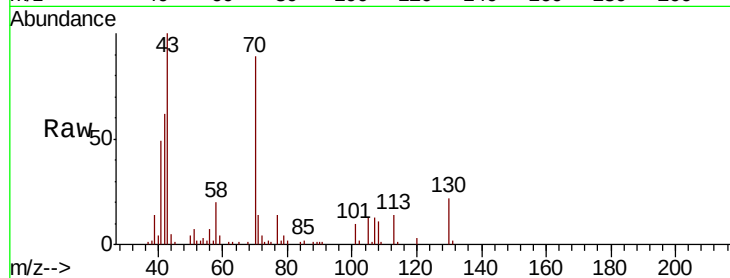
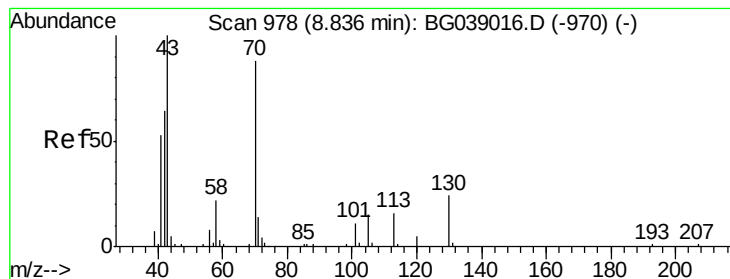
#18  
Hexachloroethane  
Concen: 44.797 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion:117 Resp: 15227  
Ion Ratio Lower Upper  
117 100  
119 110.2 78.7 118.1  
201 129.0 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 50.453 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

Tgt Ion: 70 Resp: 33351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.3  | 59.0  | 88.4  |
| 101 | 11.7  | 10.4  | 15.6  |
| 130 | 24.9  | 21.6  | 32.4  |

Abundance

Ion 70.00 (69.70 to 70.70): BGC

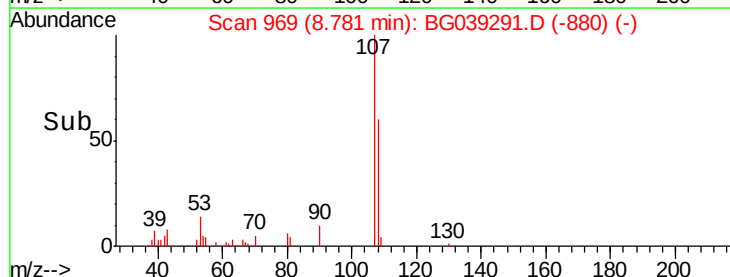
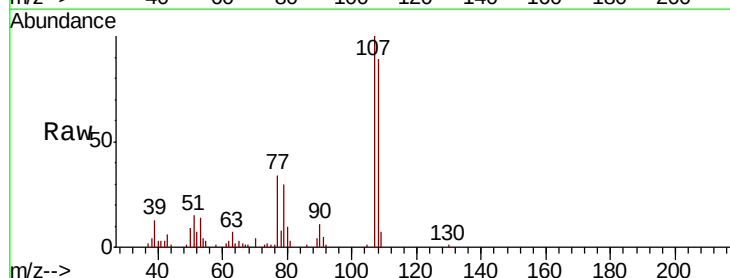
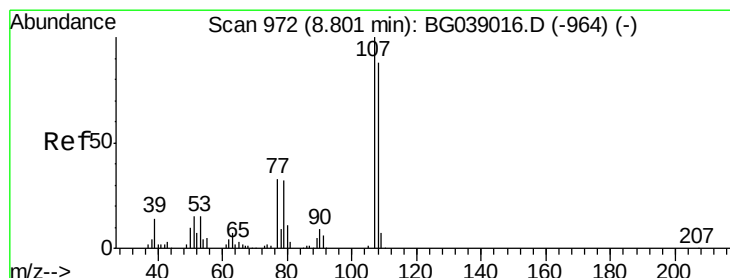
Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

8.81

Time-->



#20

3+4-Methylphenols

Concen: 57.372 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Tgt Ion: 107 Resp: 57323

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.7  | 68.4  | 108.4 |
| 77  | 33.7  | 13.3  | 53.3  |
| 79  | 29.8  | 11.6  | 51.6  |

Abundance

Ion 107.00 (106.70 to 107.70): BGC

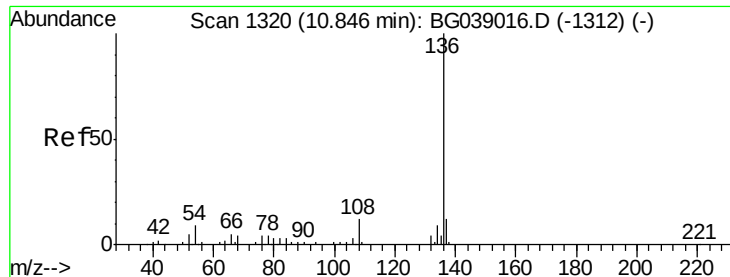
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.78

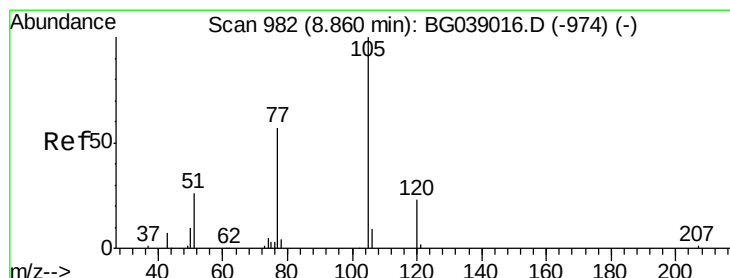
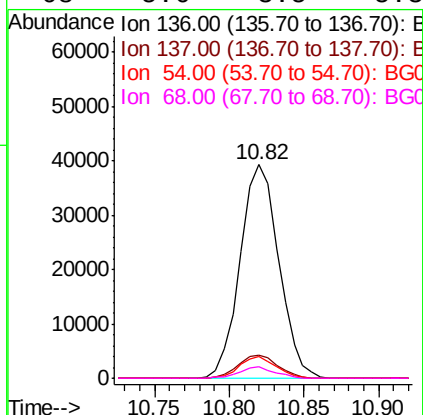
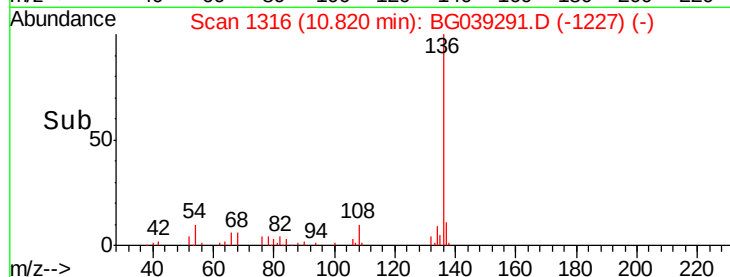
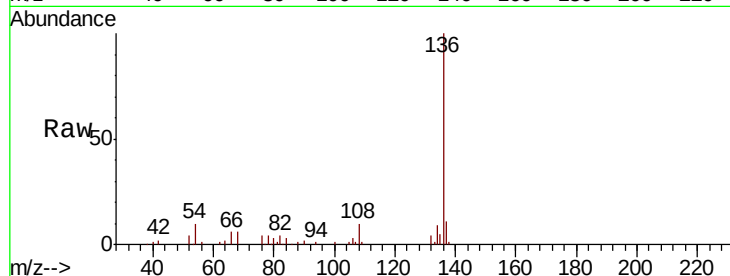
Time-->



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

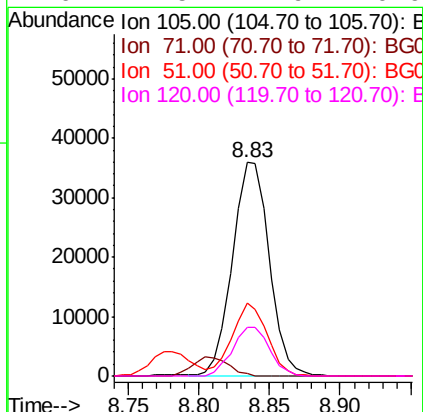
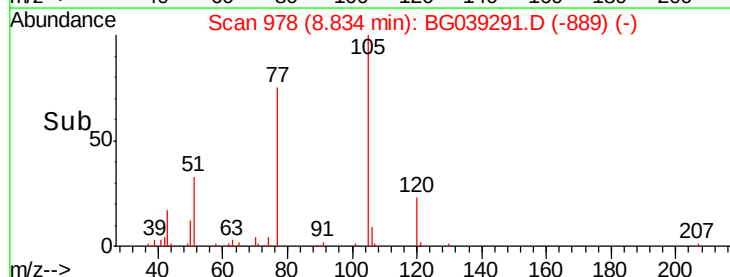
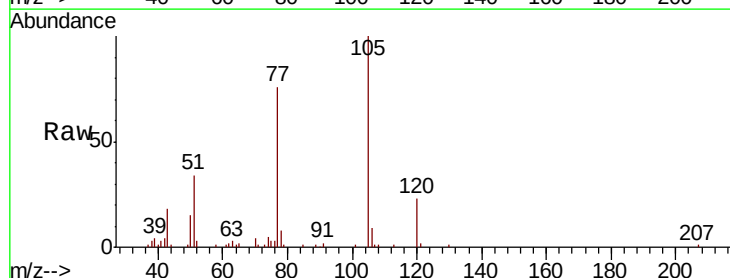
Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

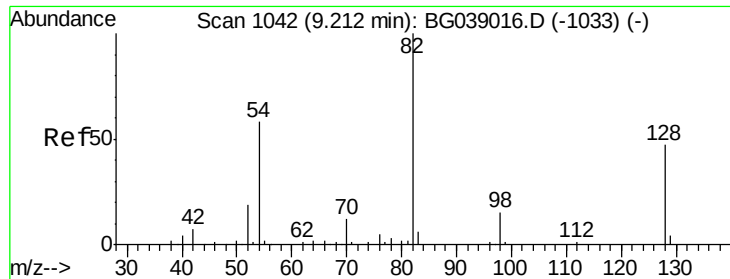
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 70567 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.8  | 9.4   | 14.2  |
| 54       | 10.2  | 7.2   | 10.8  |
| 68       | 5.6   | 3.5   | 5.3#  |



#22  
Acetophenone  
Concen: 35.588 ng  
RT: 8.83 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 65584 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.3   | 0.6   | 1.0#  |
| 51       | 34.1  | 26.6  | 39.8  |
| 120      | 22.5  | 17.9  | 26.9  |

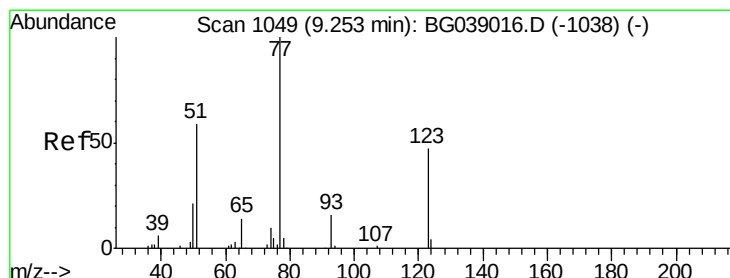
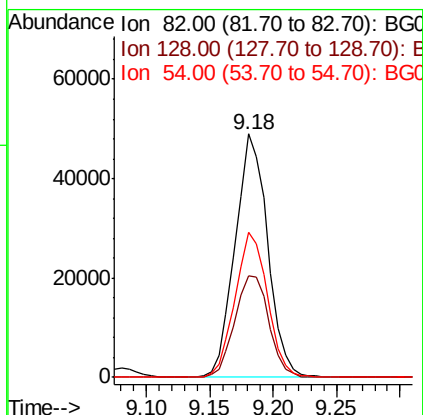
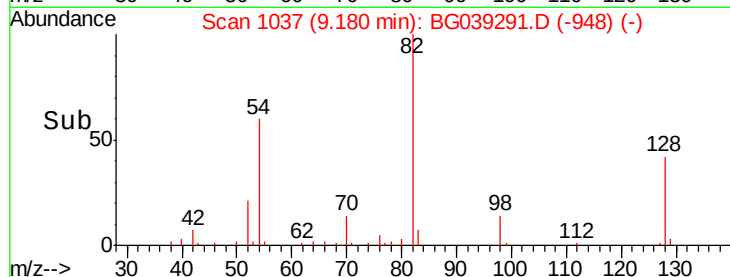
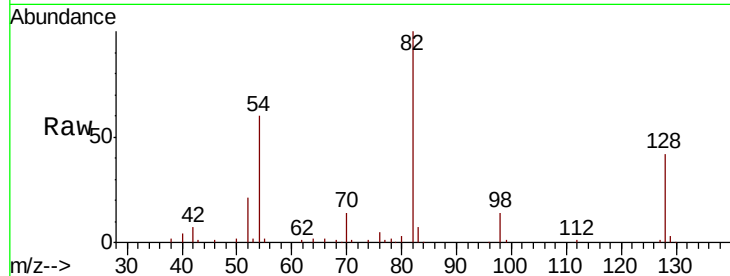




#23  
 Nitrobenzene-d5  
 Concen: 67.628 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

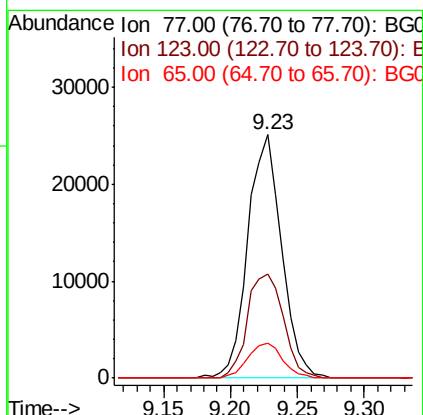
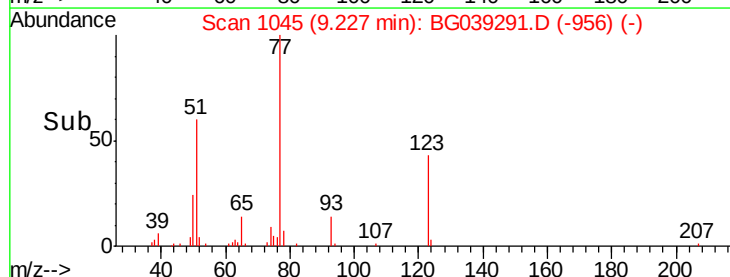
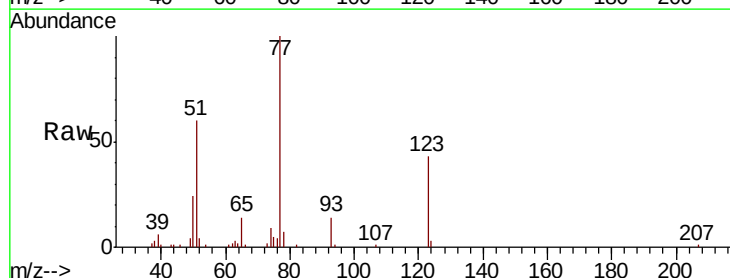
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion: 82 Resp: 87214  
 Ion Ratio Lower Upper  
 82 100  
 128 41.6 37.3 55.9  
 54 59.6 46.4 69.6

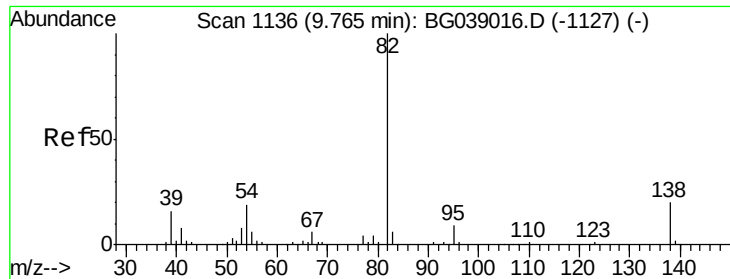


#24  
 Nitrobenzene  
 Concen: 33.599 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion: 77 Resp: 43797  
 Ion Ratio Lower Upper  
 77 100  
 123 43.0 37.6 56.4  
 65 14.4 11.0 16.6







#25

Isophorone

Concen: 36.553 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

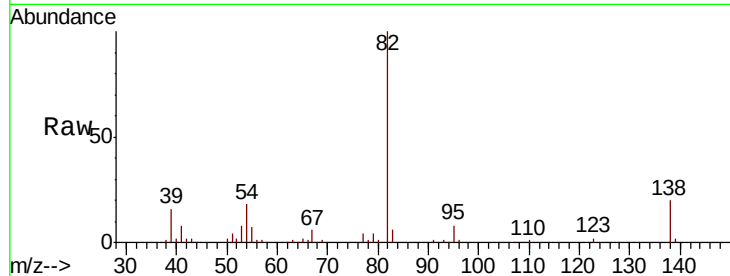
Tgt Ion: 82 Resp: 81200

Ion Ratio Lower Upper

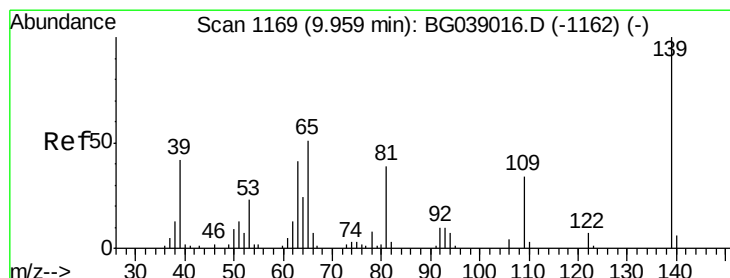
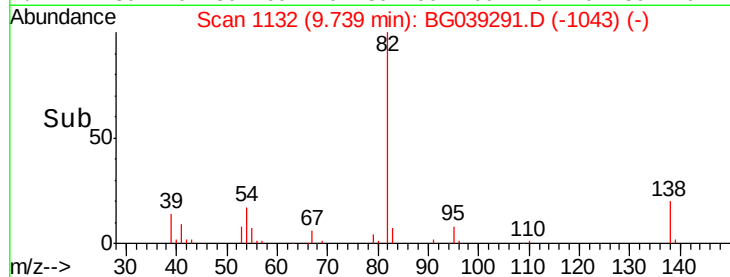
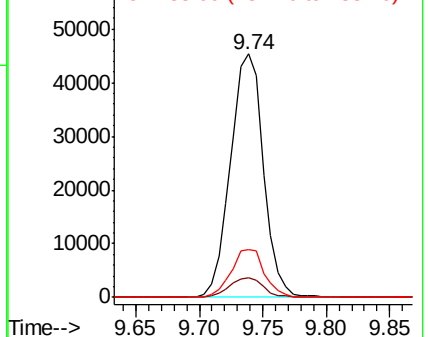
82 100

95 8.2 7.0 10.6

138 19.5 16.2 24.4



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



#26

2-Nitrophenol

Concen: 32.213 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

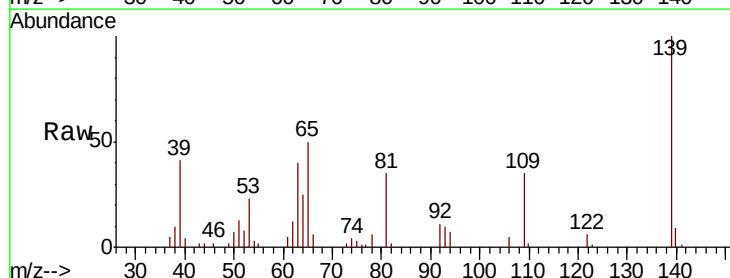
Tgt Ion: 139 Resp: 22712

Ion Ratio Lower Upper

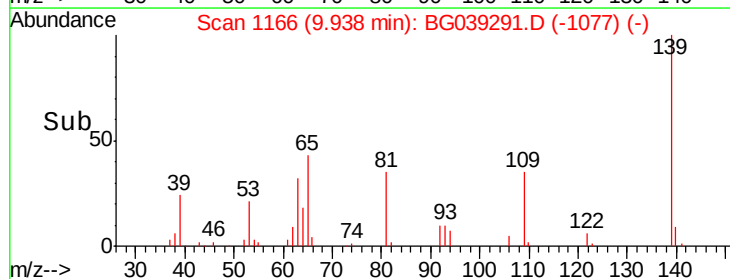
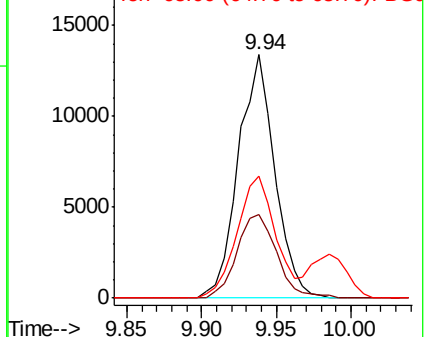
139 100

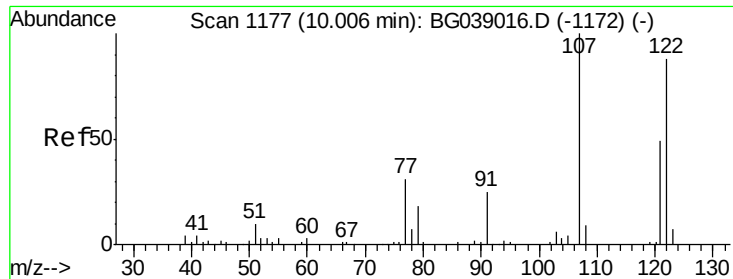
109 34.5 27.3 40.9

65 50.2 40.6 61.0



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

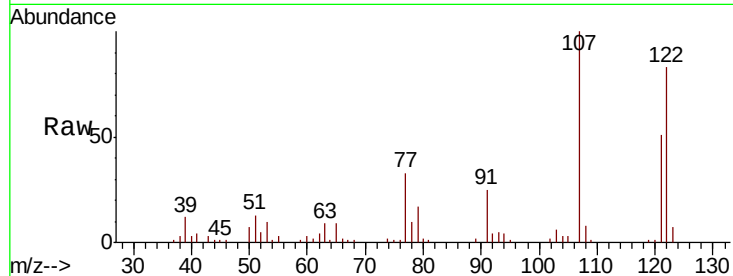




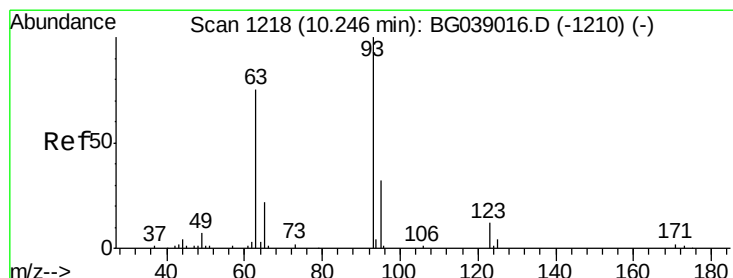
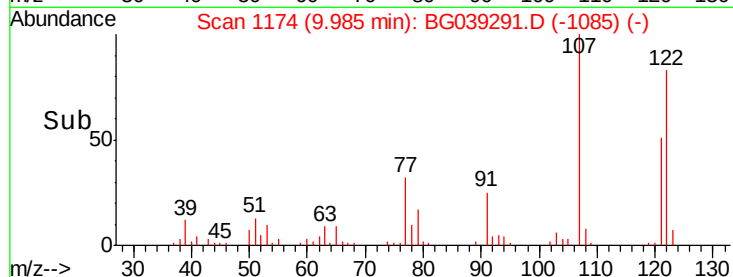
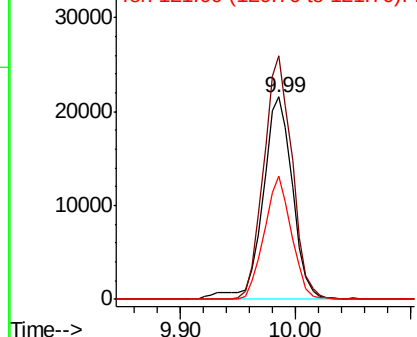
#27  
 2,4-Dimethylphenol  
 Concen: 38.841 ng  
 RT: 9.99 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion: 122 Resp: 38528  
 Ion Ratio Lower Upper  
 122 100  
 107 120.2 88.8 133.2  
 121 60.9 43.1 64.7

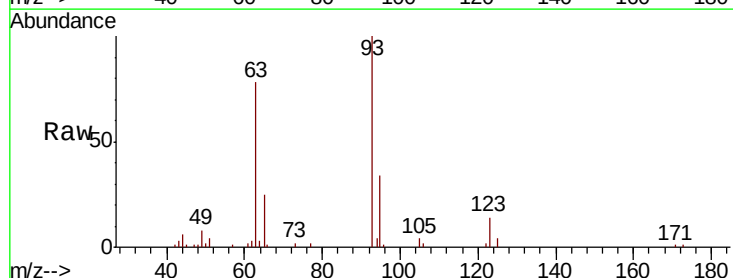


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

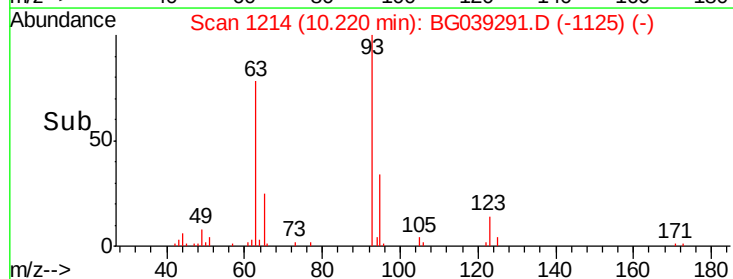
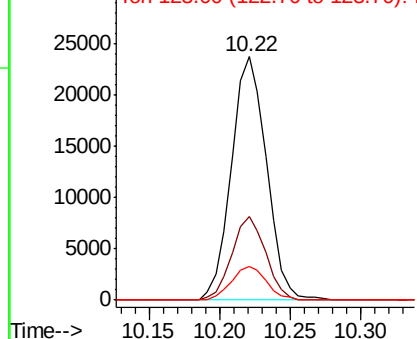


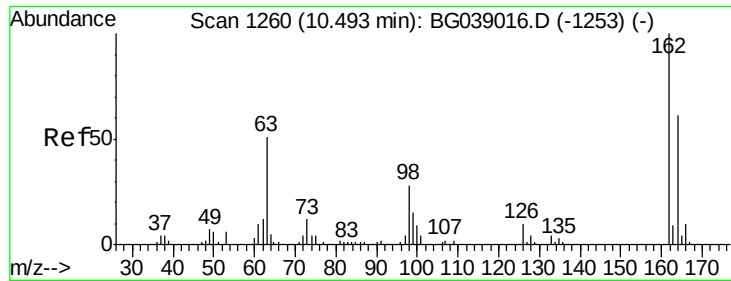
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 30.824 ng  
 RT: 10.22 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion: 93 Resp: 41152  
 Ion Ratio Lower Upper  
 93 100  
 95 34.2 25.6 38.4  
 123 13.9 10.1 15.1



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: 32.867 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampled :

PB116630BS

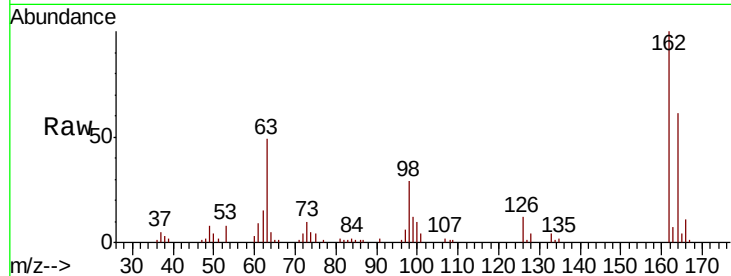
Tgt Ion:162 Resp: 40502

Ion Ratio Lower Upper

162 100

164 61.0 41.3 81.3

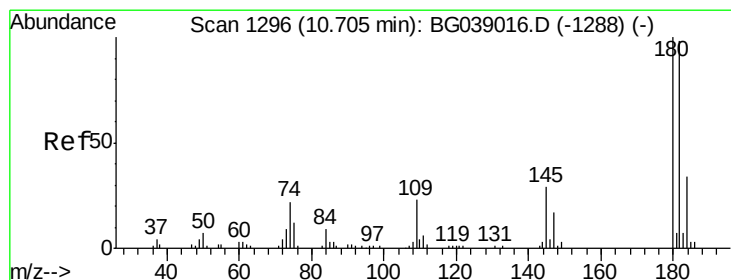
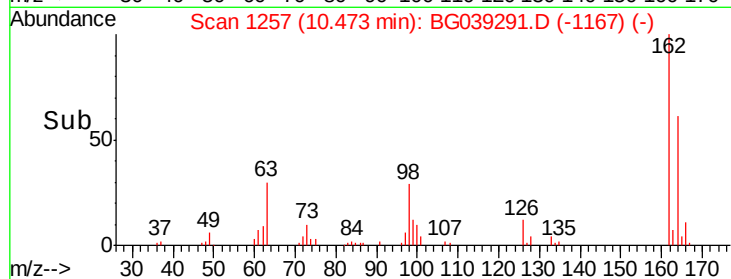
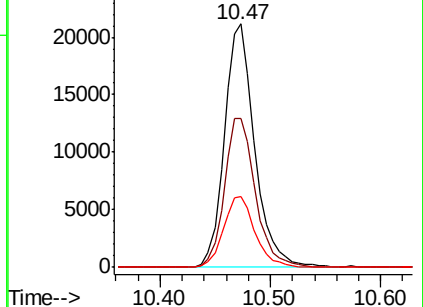
98 29.3 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.433 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

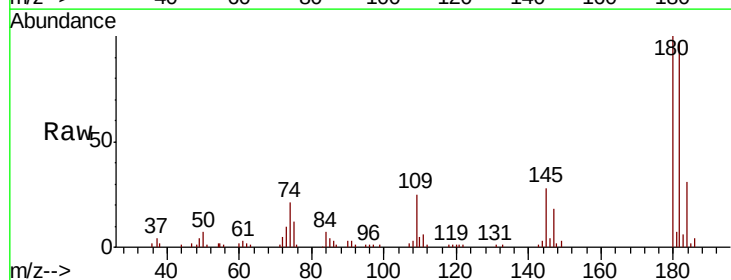
Tgt Ion:180 Resp: 56906

Ion Ratio Lower Upper

180 100

182 96.8 78.1 117.1

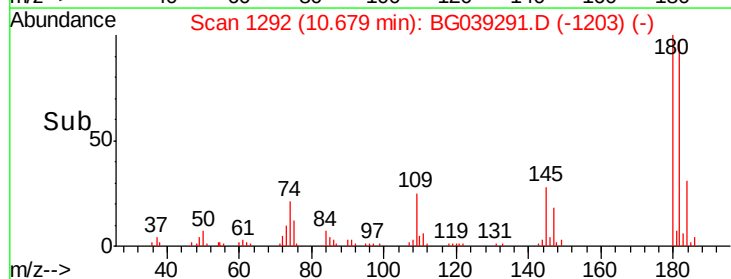
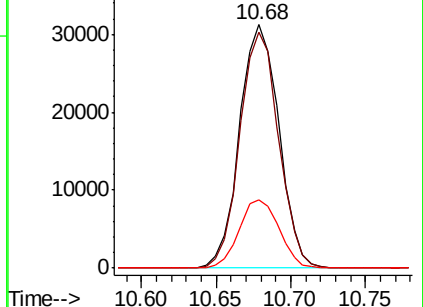
145 28.1 23.1 34.7

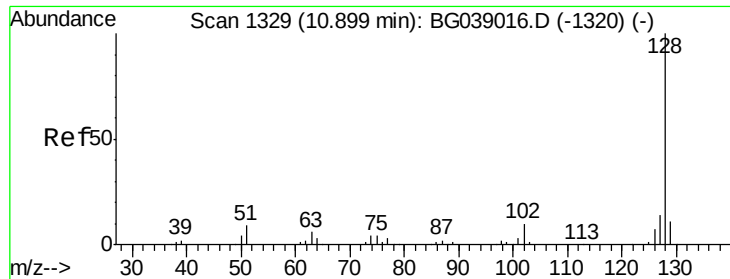


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

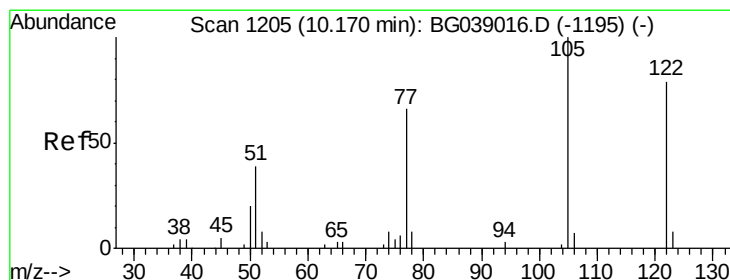
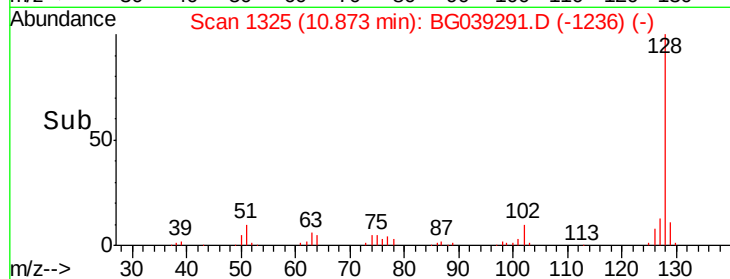
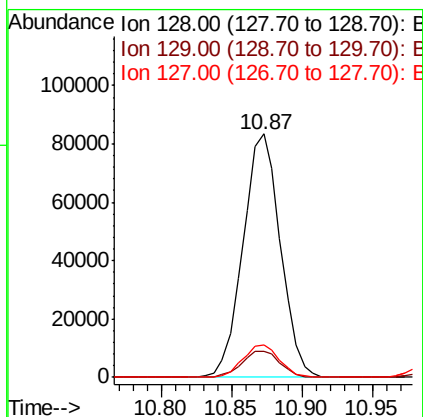
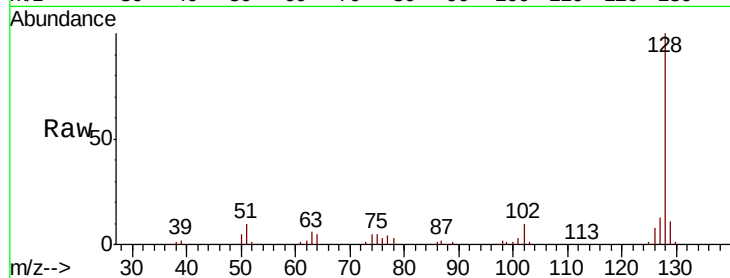




#31  
Naphthalene  
Concen: 43.655 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

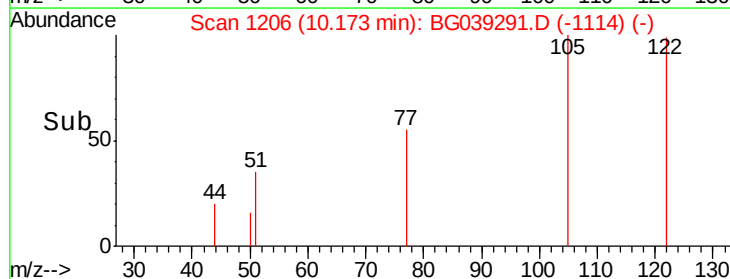
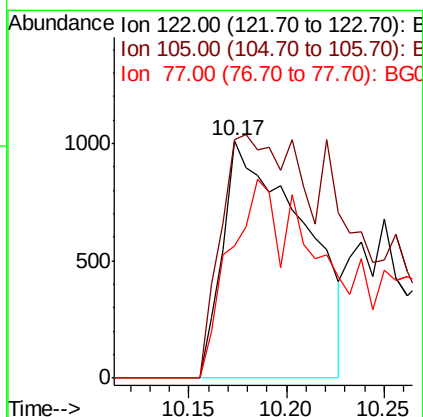
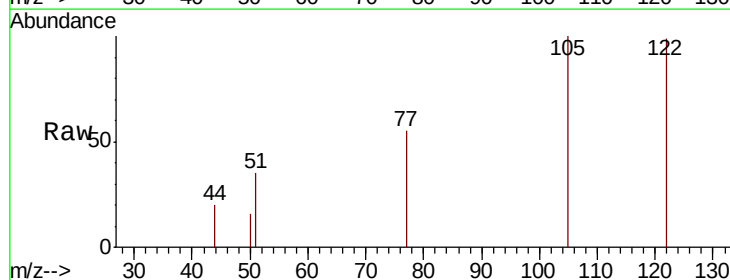
Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

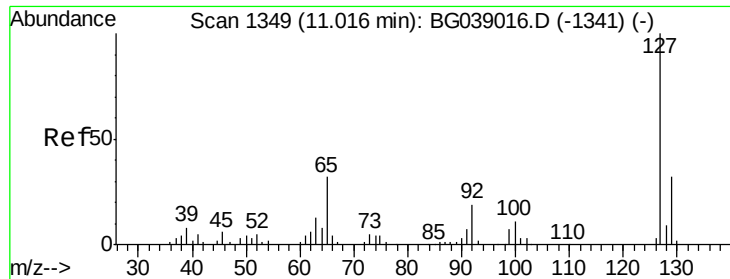
Tgt Ion:128 Resp: 154506  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.1 13.7  
127 13.1 11.2 16.8



#32  
Benzoic acid  
Concen: 13.218 ng  
RT: 10.17 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion:122 Resp: 2864  
Ion Ratio Lower Upper  
122 100  
105 100.6 106.4 146.4#  
77 55.5 63.6 103.6#

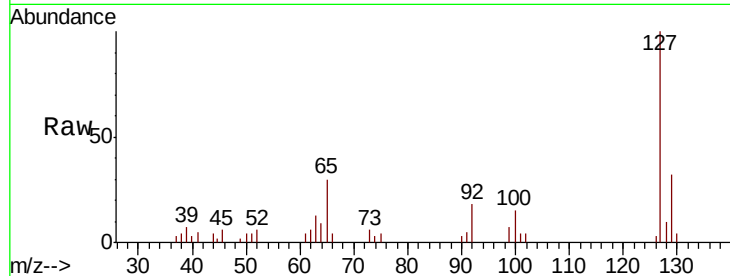




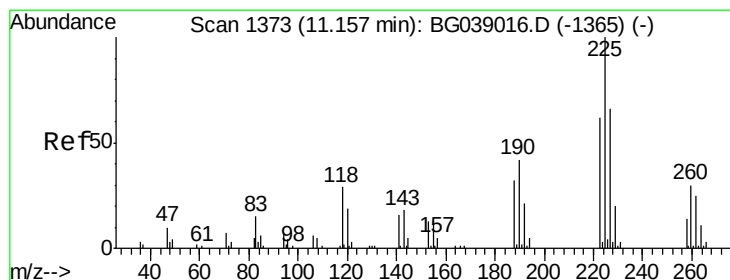
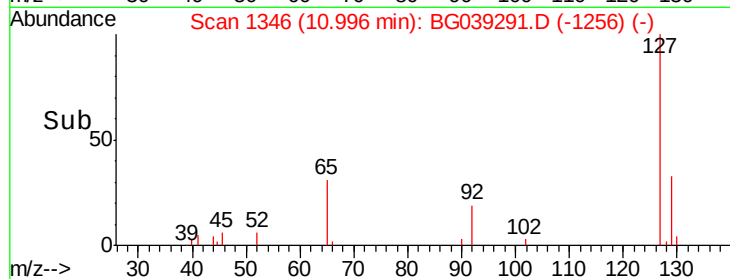
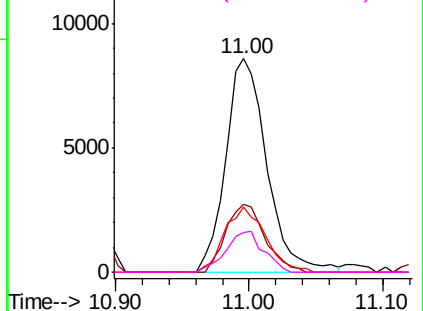
#33  
4-Chloroaniline  
Concen: 11.640 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 18434 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.5  | 25.4  | 38.0  |
| 65       | 30.4  | 25.4  | 38.0  |
| 92       | 18.4  | 15.2  | 22.8  |

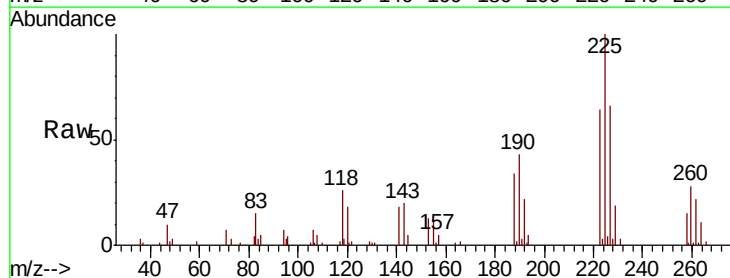


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

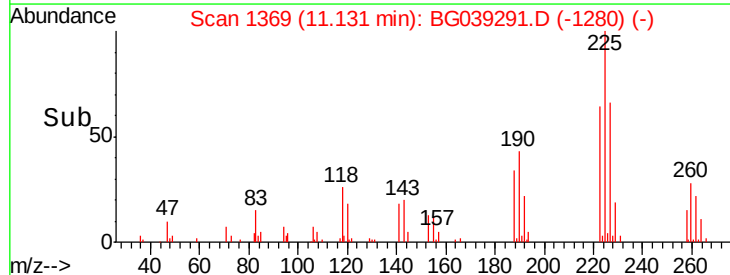
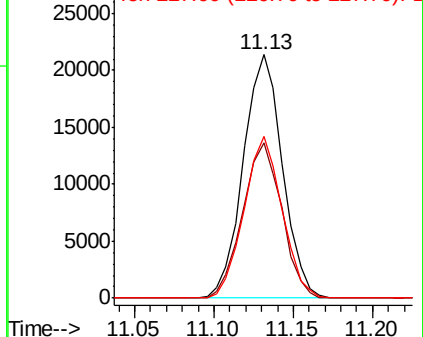


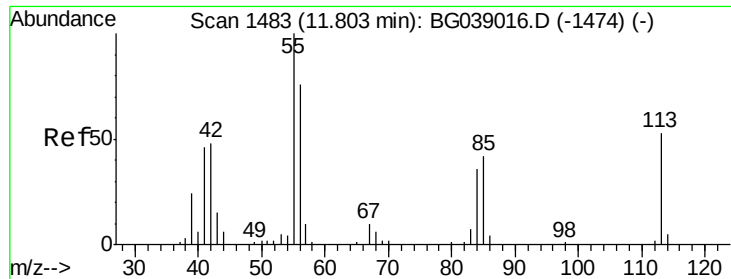
#34  
Hexachlorobutadiene  
Concen: 36.042 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 36720 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.3  | 50.2  | 75.4  |
| 227      | 66.3  | 53.2  | 79.8  |



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

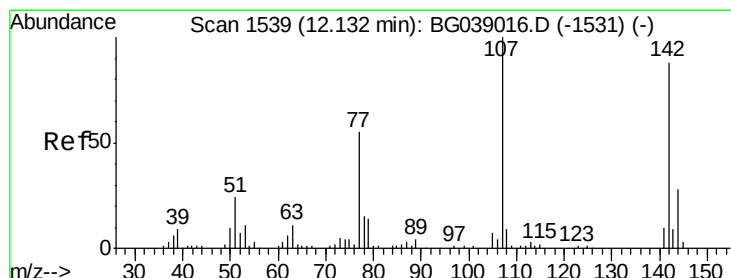
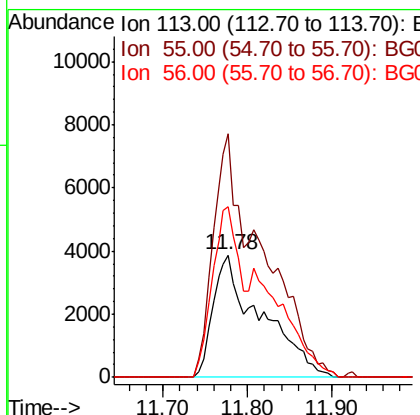
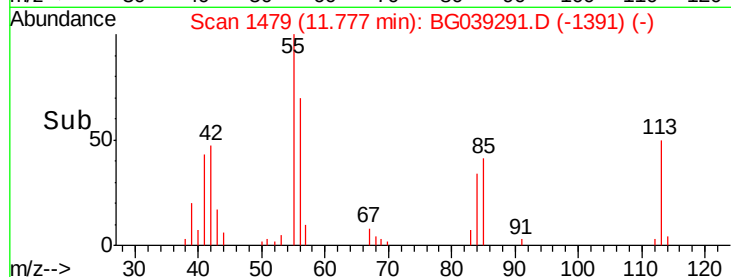
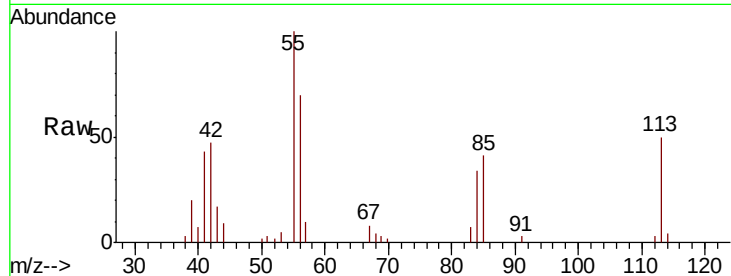




#35  
 Caprolactam  
 Concen: 30.970 ng  
 RT: 11.78 min Scan# 1479  
 Delta R.T. -0.02 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

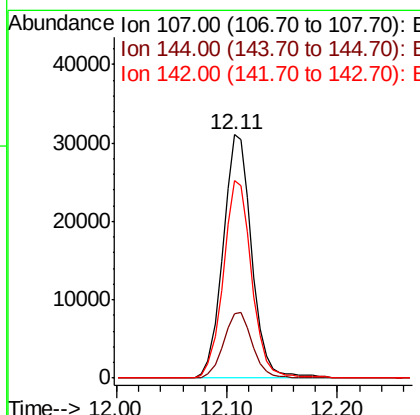
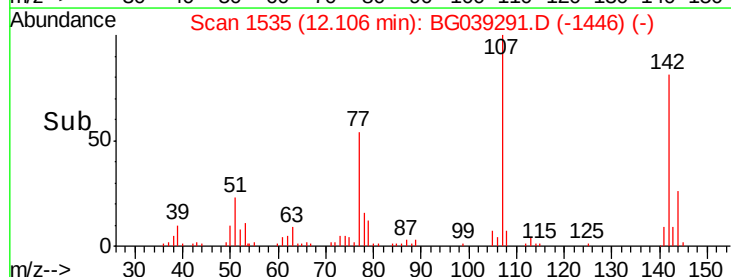
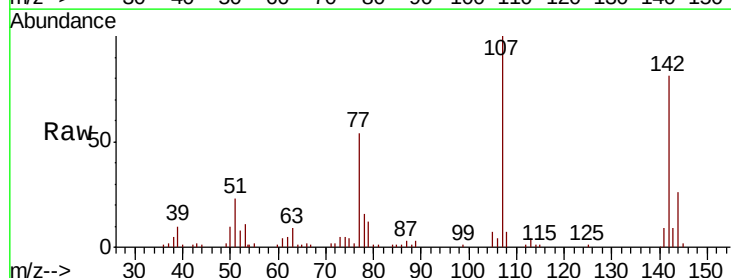
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

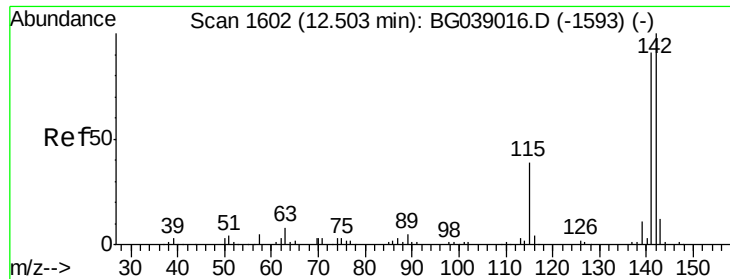
Tgt Ion:113 Resp: 15304  
 Ion Ratio Lower Upper  
 113 100  
 55 198.9 168.6 208.6  
 56 139.8 123.2 163.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.599 ng  
 RT: 12.11 min Scan# 1535  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:107 Resp: 56146  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 22.6 34.0  
 142 81.2 70.2 105.4

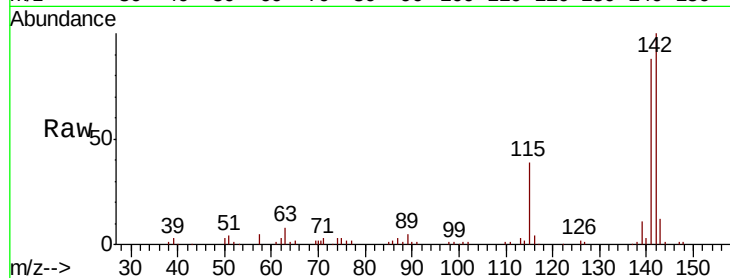




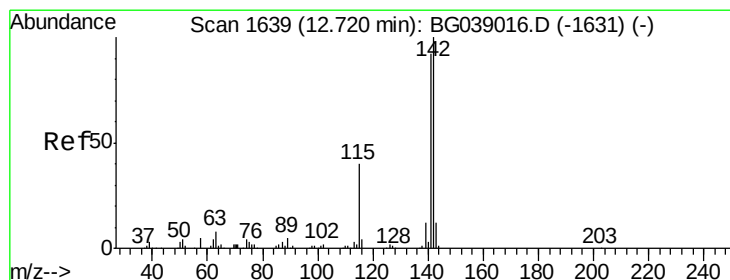
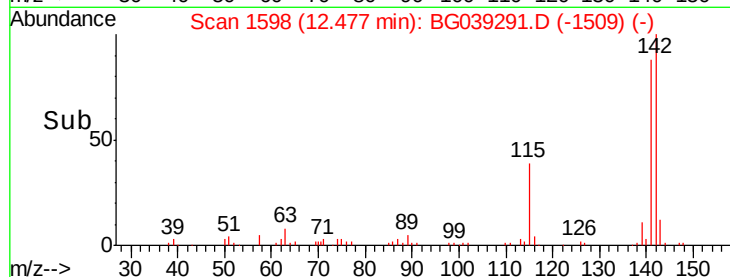
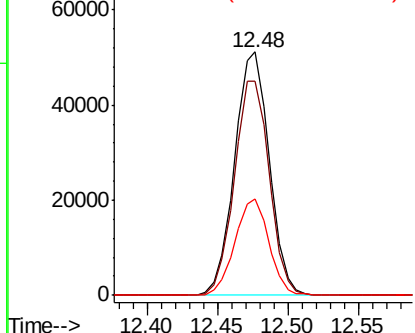
#37  
 2-Methylnaphthalene  
 Concen: 33.105 ng  
 RT: 12.48 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion:142 Resp: 87845  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 72.6 109.0  
 115 39.5 31.1 46.7

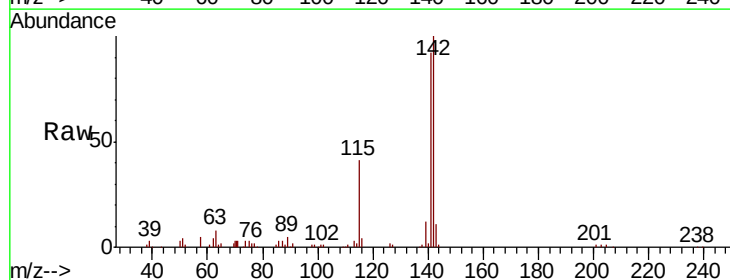


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

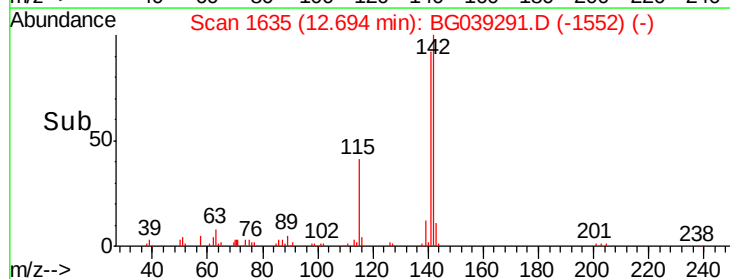
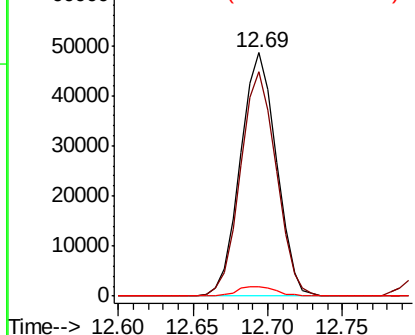


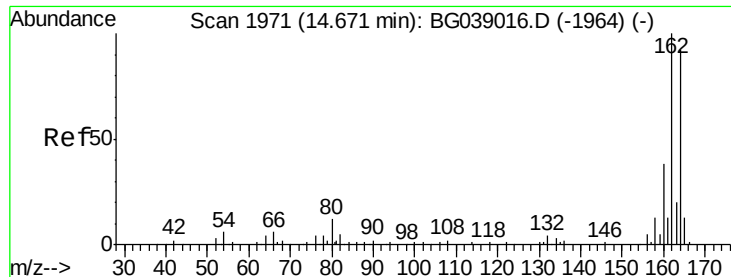
#38  
 1-Methylnaphthalene  
 Concen: 31.889 ng  
 RT: 12.69 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:142 Resp: 81219  
 Ion Ratio Lower Upper  
 142 100  
 141 92.0 73.3 109.9  
 116 4.1 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

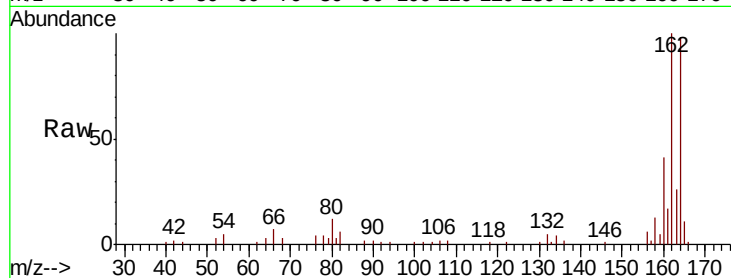
Tgt Ion:164 Resp: 35894

Ion Ratio Lower Upper

164 100

162 102.3 87.2 130.8

160 41.7 33.3 49.9

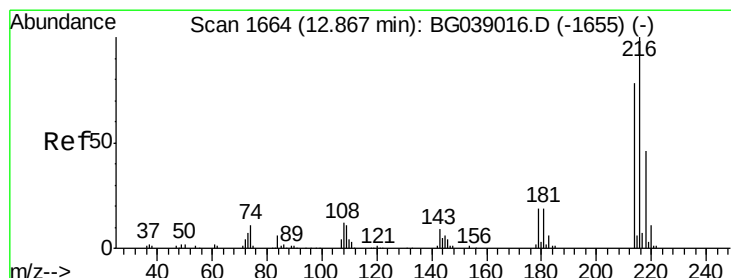
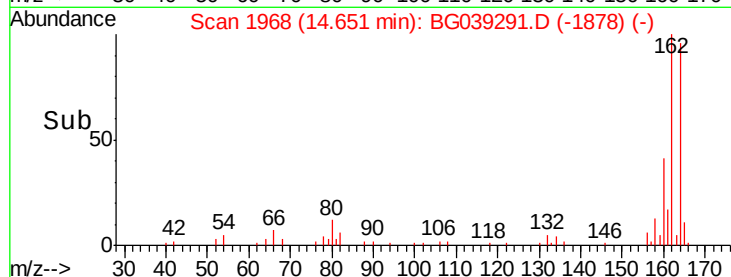
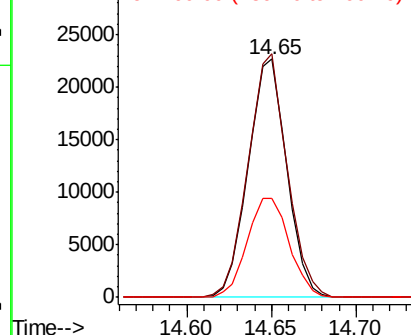


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.915 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Tgt Ion:216 Resp: 55155

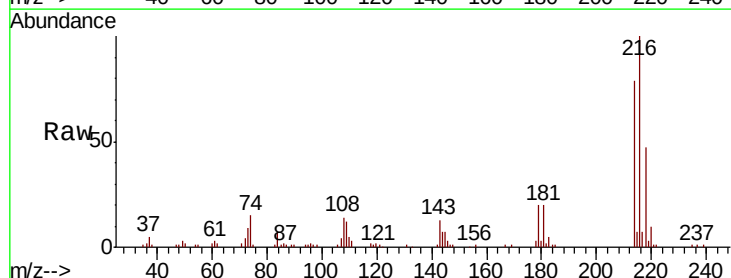
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 19.8 15.5 23.3

108 13.1 11.4 17.2



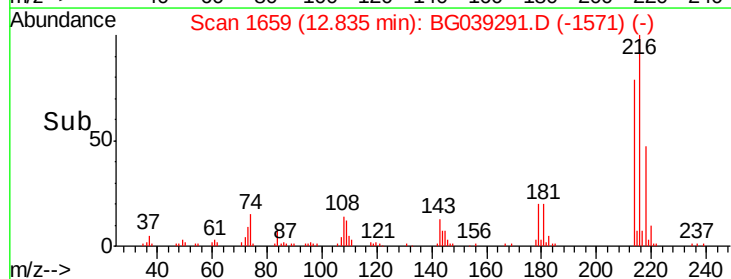
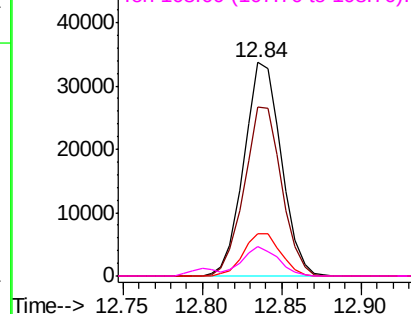
Abundance

Ion 216.00 (215.70 to 216.70): E

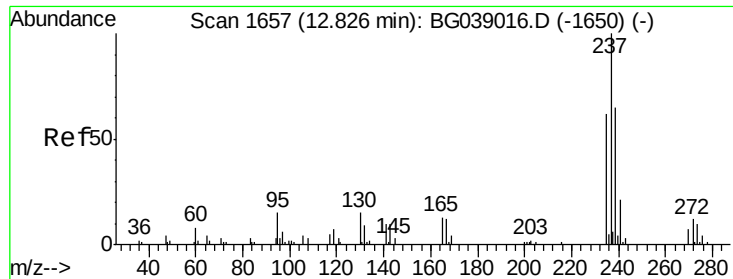
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 79.327 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

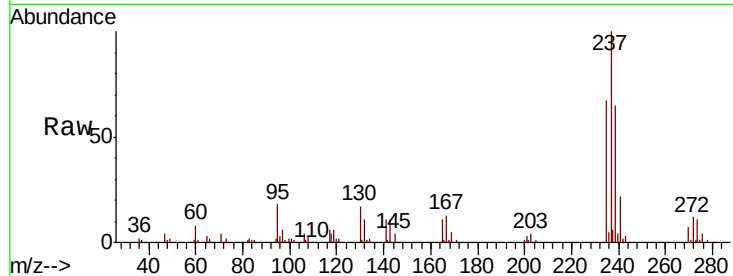
Tgt Ion: 237 Resp: 60187

Ion Ratio Lower Upper

237 100

235 66.5 41.7 81.7

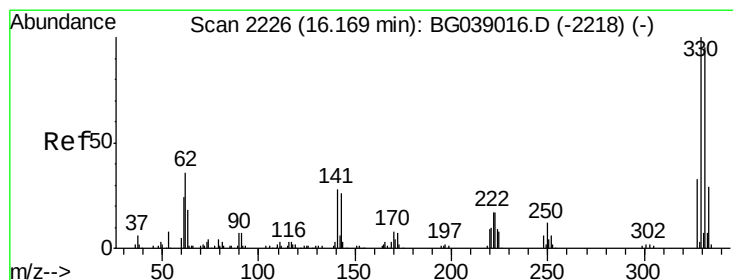
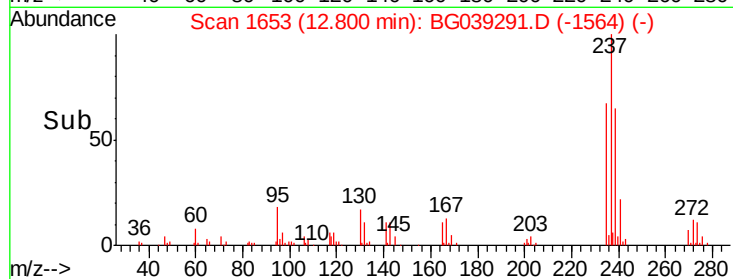
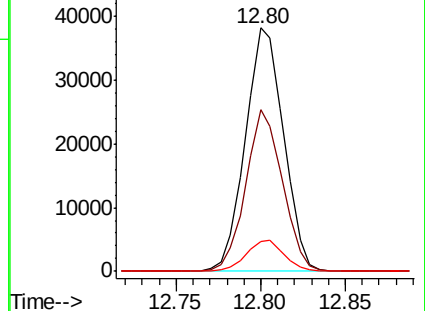
272 12.4 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.650 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

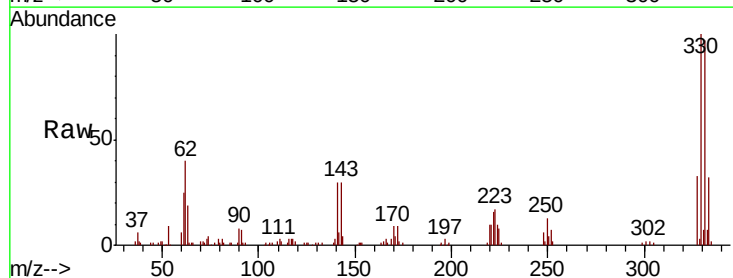
Tgt Ion: 330 Resp: 78008

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

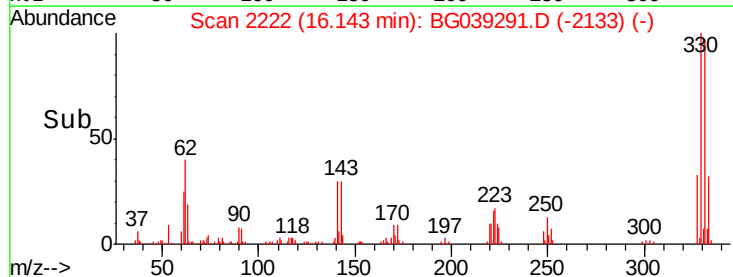
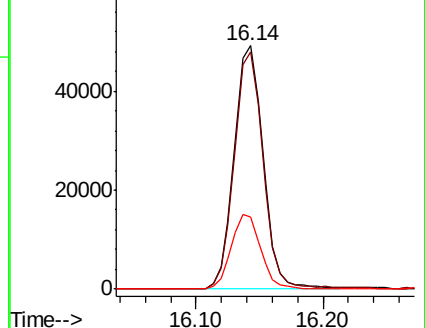
141 31.2 24.9 37.3

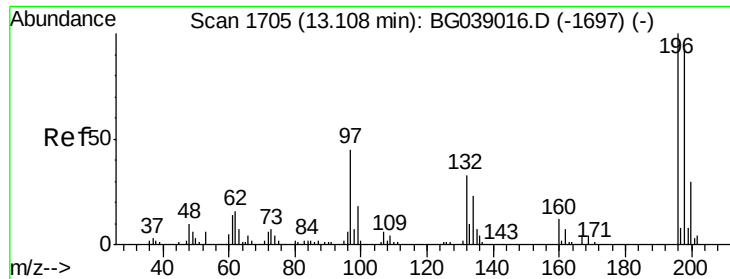


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

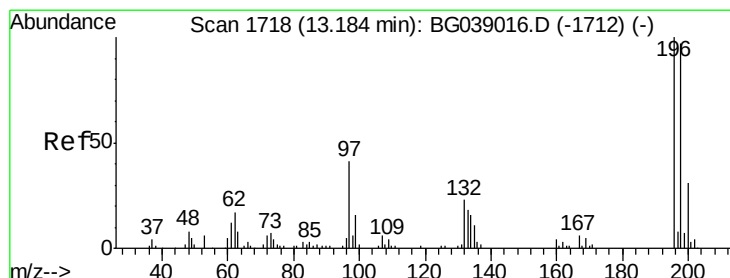
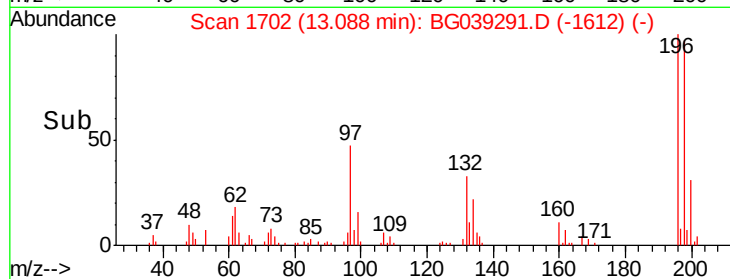
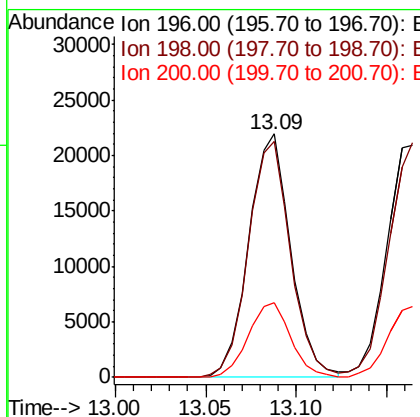
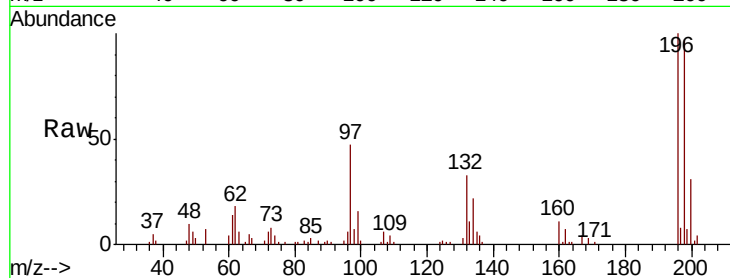




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.811 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.00 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

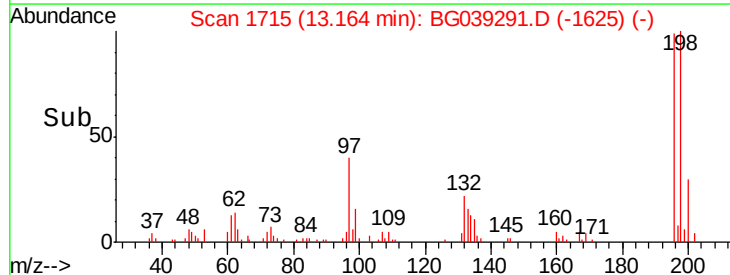
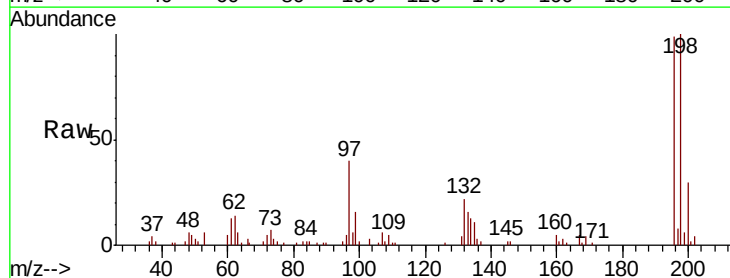
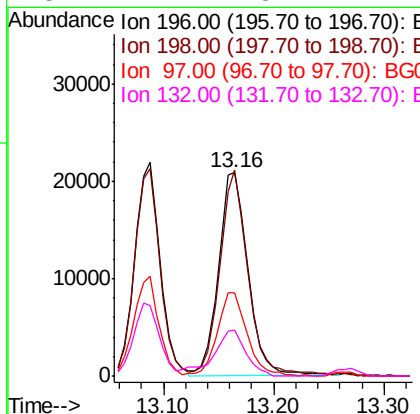
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

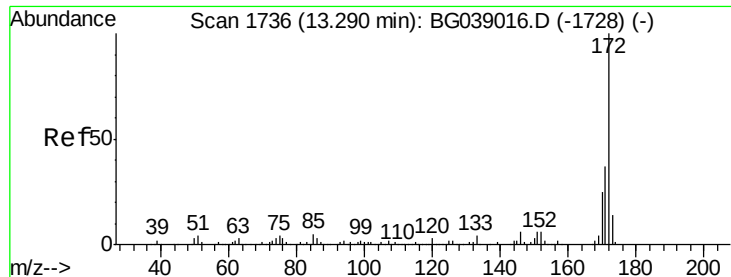
Tgt Ion:196 Resp: 35473  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 74.5 111.7  
 200 30.8 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.780 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:196 Resp: 38361  
 Ion Ratio Lower Upper  
 196 100  
 198 101.1 78.1 117.1  
 97 40.6 33.2 49.8  
 132 22.4 18.2 27.4

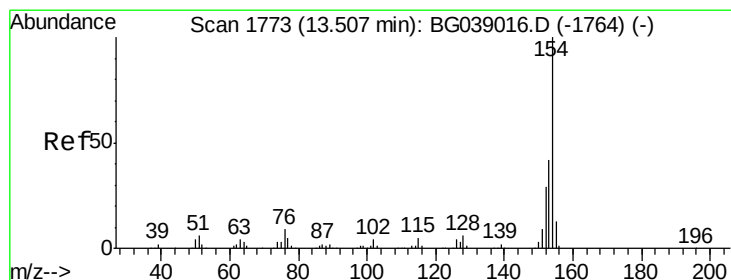
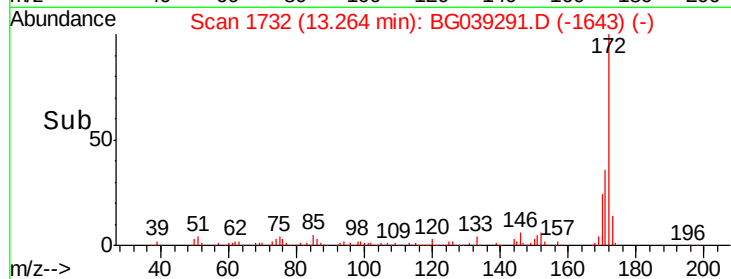
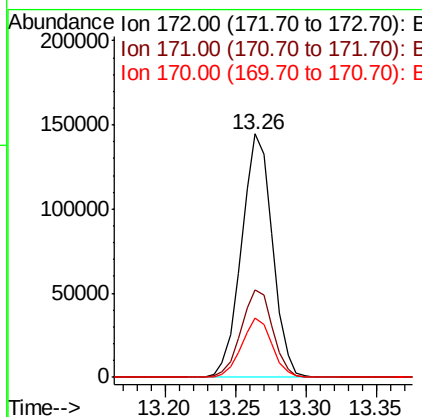
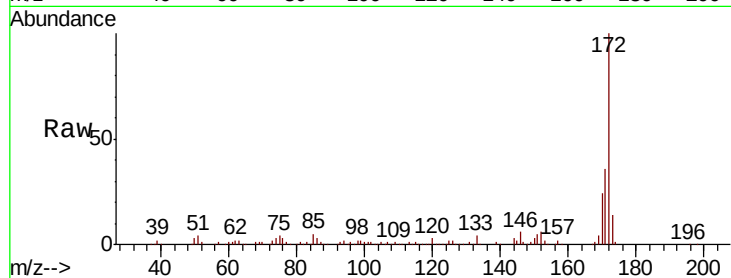




#45  
 2-Fluorobiphenyl  
 Concen: 84.456 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

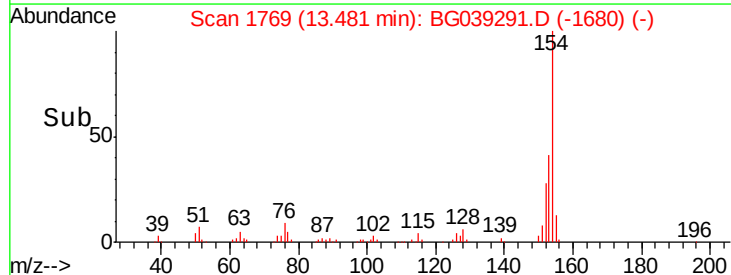
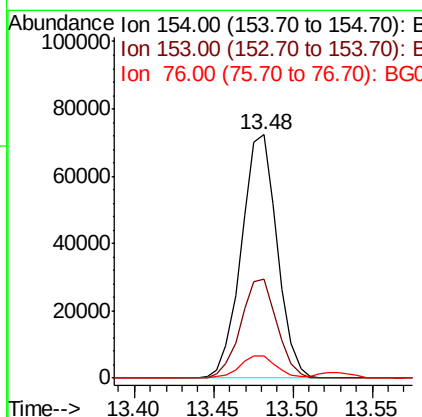
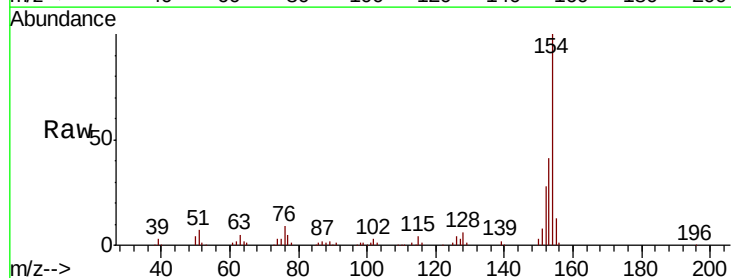
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

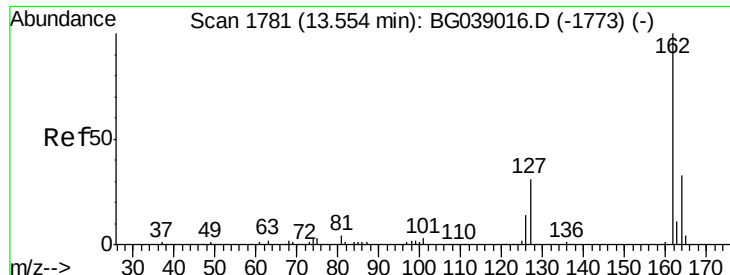
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.4  | 44.0  |
| 170     | 24.3  | 20.1  | 30.1  |



#46  
 1,1'-Biphenyl  
 Concen: 39.673 ng  
 RT: 13.48 min Scan# 1769  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 22.4  | 62.4  |
| 76      | 9.1   | 0.0   | 29.4  |

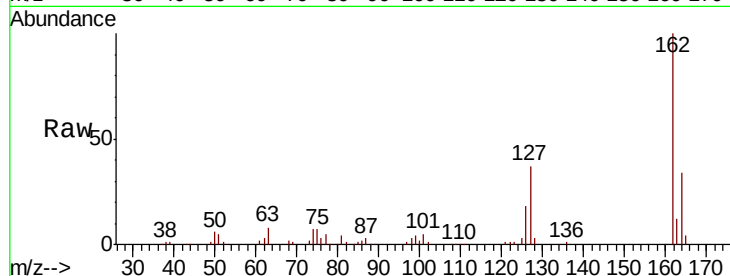




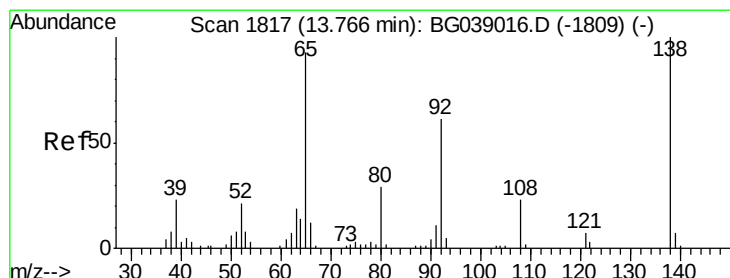
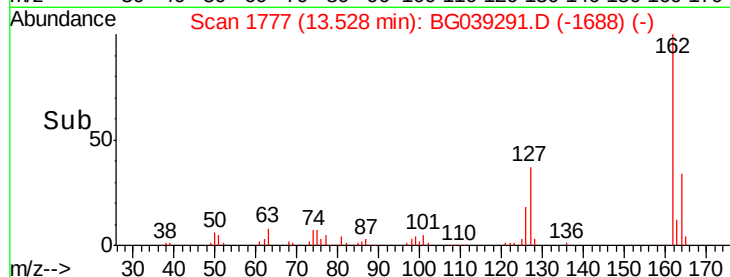
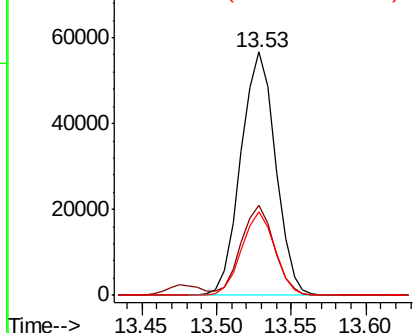
#47  
 2-Chloronaphthalene  
 Concen: 39.647 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion: 162 Resp: 91250  
 Ion Ratio Lower Upper  
 162 100  
 127 37.1 28.4 42.6  
 164 34.4 26.3 39.5

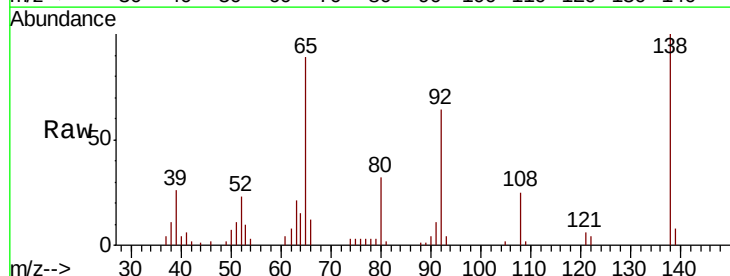


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

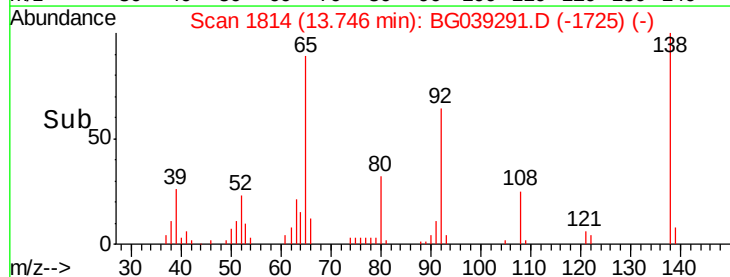
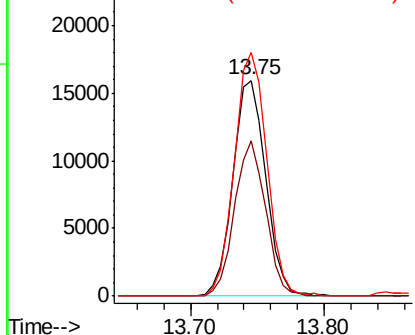


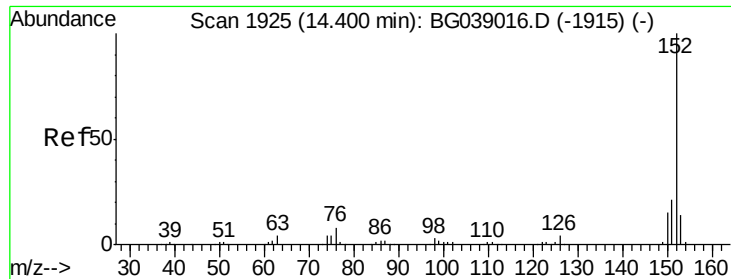
#48  
 2-Nitroaniline  
 Concen: 42.274 ng  
 RT: 13.75 min Scan# 1814  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion: 65 Resp: 27258  
 Ion Ratio Lower Upper  
 65 100  
 92 71.7 52.2 78.4  
 138 112.8 86.0 129.0



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





#49

Acenaphthylene

Concen: 43.688 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

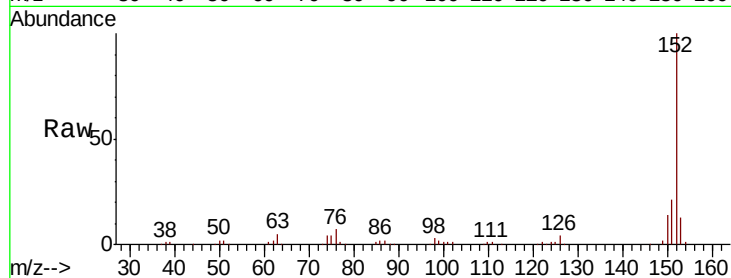
Tgt Ion:152 Resp: 151136

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.4

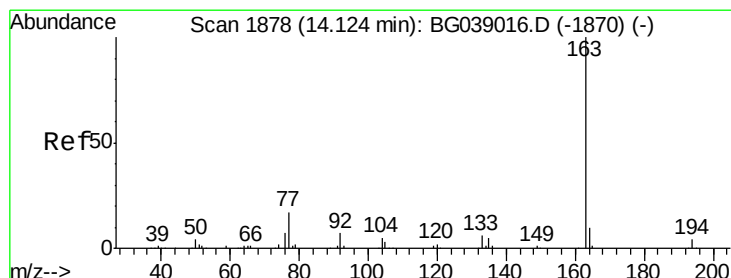
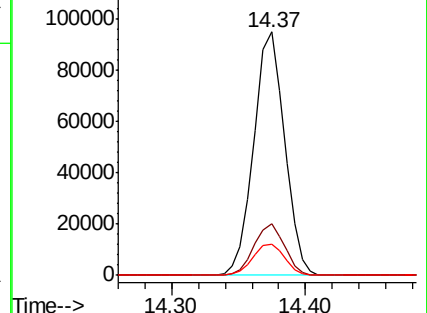
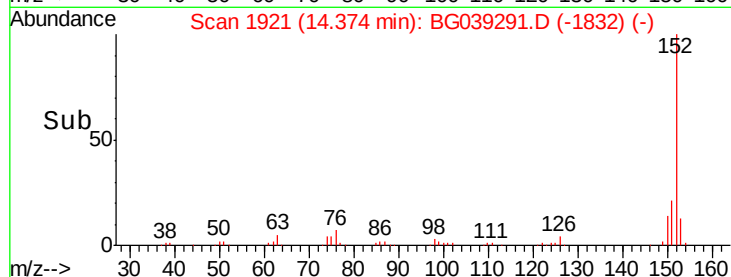
153 13.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.048 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

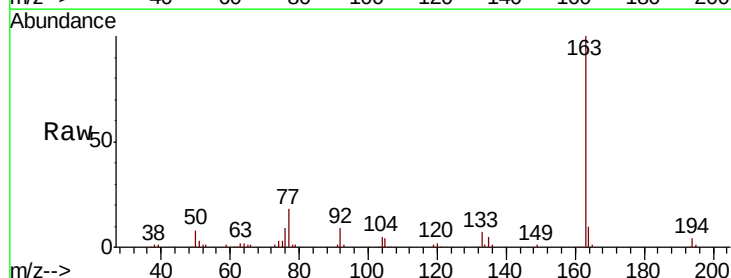
Tgt Ion:163 Resp: 127540

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

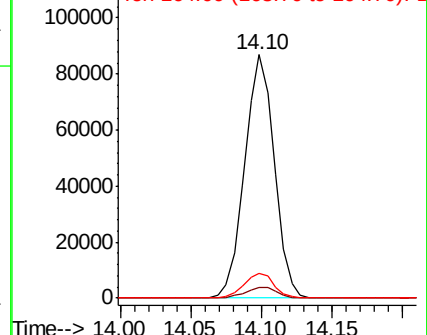
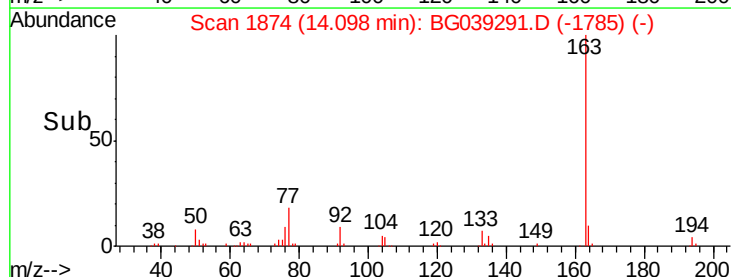
164 10.2 8.2 12.2

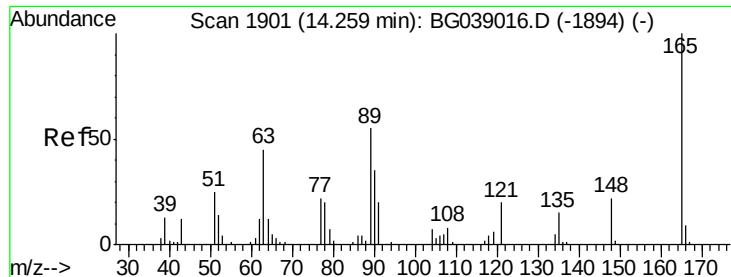


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

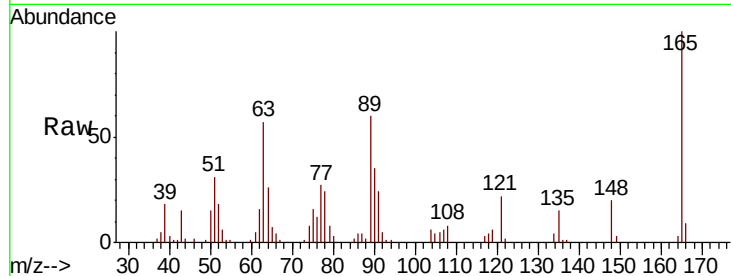




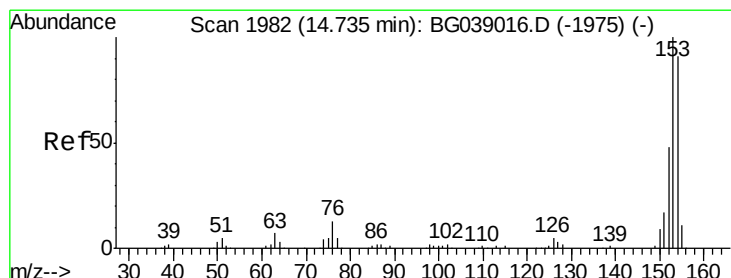
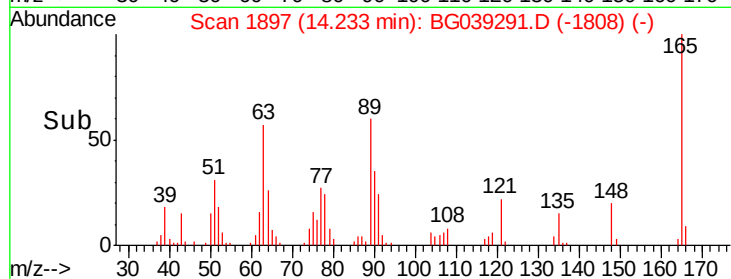
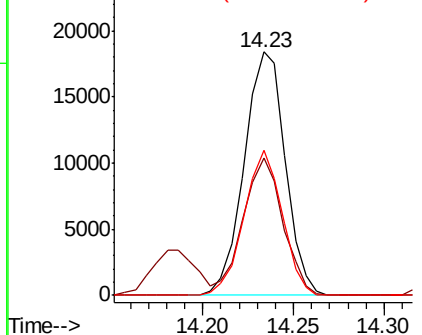
#51  
 2,6-Dinitrotoluene  
 Concen: 42.578 ng  
 RT: 14.23 min Scan# 1897  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion:165 Resp: 28874  
 Ion Ratio Lower Upper  
 165 100  
 63 56.7 43.6 65.4  
 89 59.6 43.7 65.5

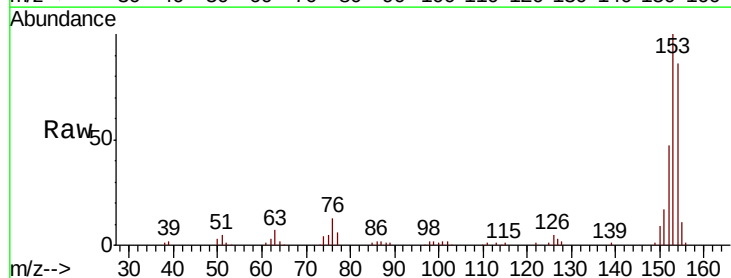


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC

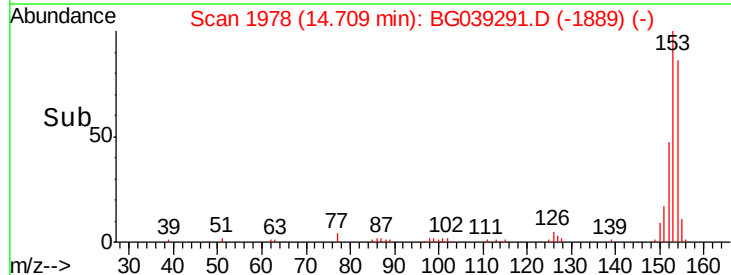
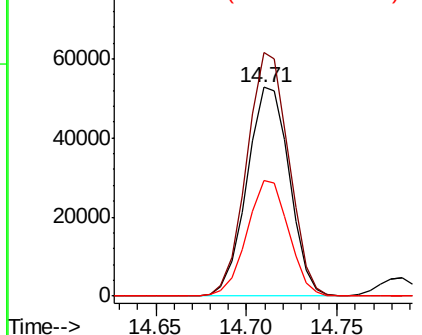


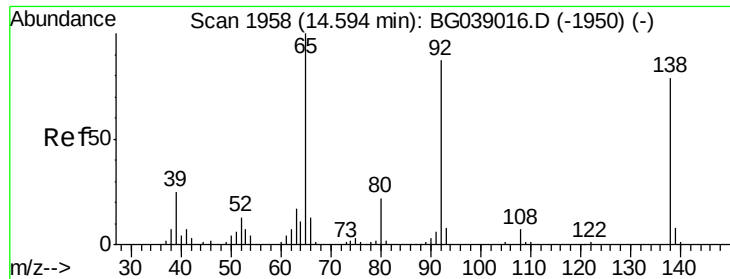
#52  
 Acenaphthene  
 Concen: 41.421 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:154 Resp: 86093  
 Ion Ratio Lower Upper  
 154 100  
 153 116.6 87.9 131.9  
 152 55.4 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.060 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

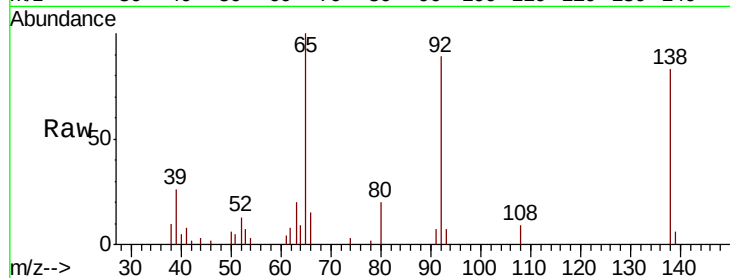
Tgt Ion:138 Resp: 11048

Ion Ratio Lower Upper

138 100

108 10.6 7.4 11.0

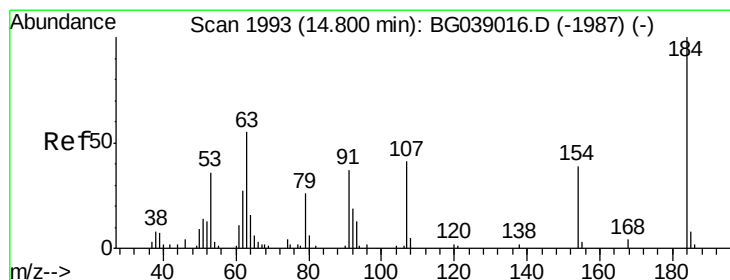
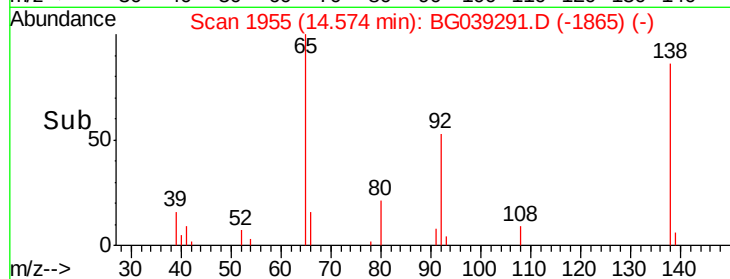
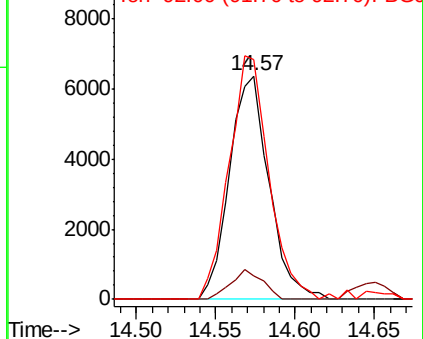
92 107.5 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 33.334 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

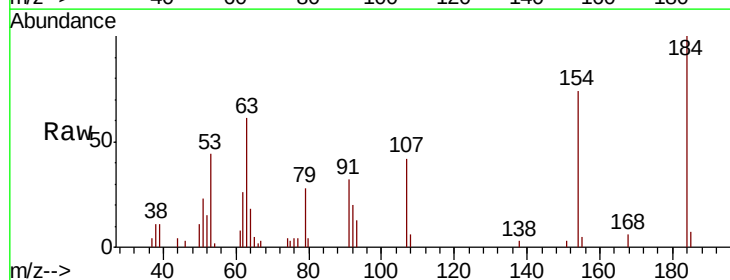
Tgt Ion:184 Resp: 12149

Ion Ratio Lower Upper

184 100

63 60.9 44.0 66.0

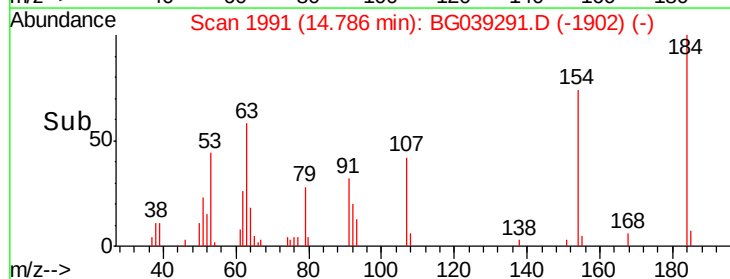
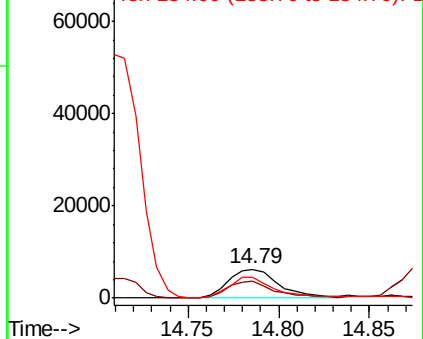
154 73.7 46.1 69.1#

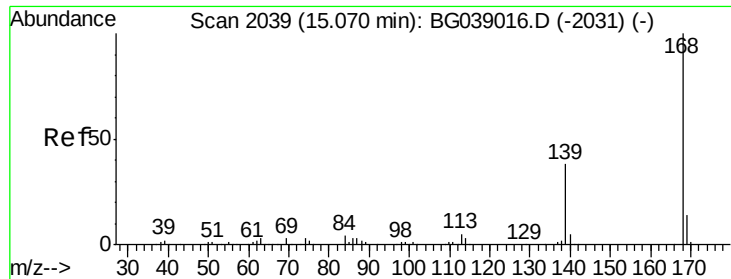


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

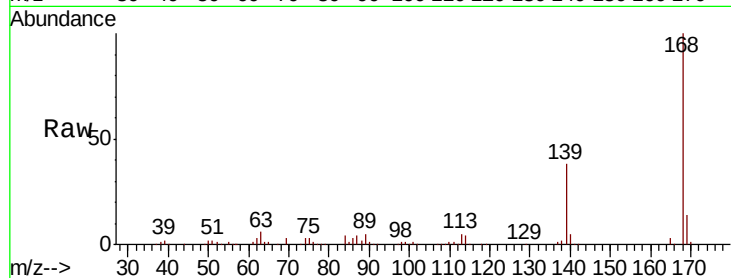




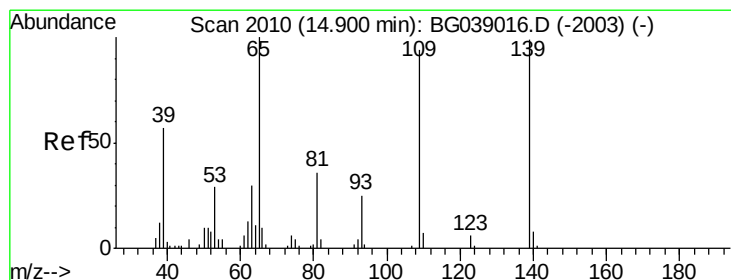
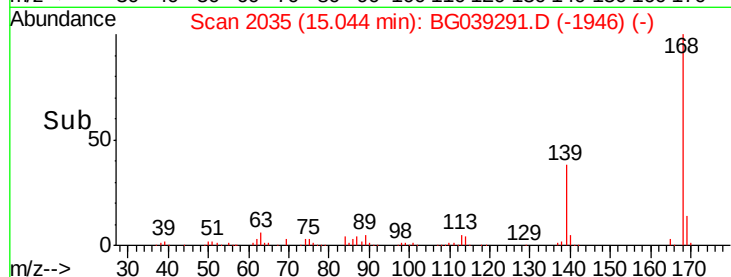
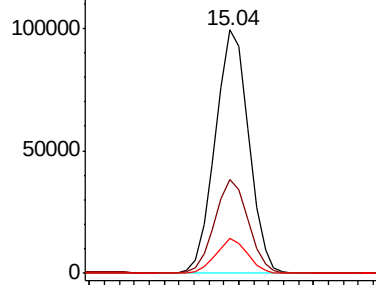
#55  
Dibenzenofuran  
Concen: 42.005 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion:168 Resp: 154194  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.1 45.1  
169 14.2 10.9 16.3

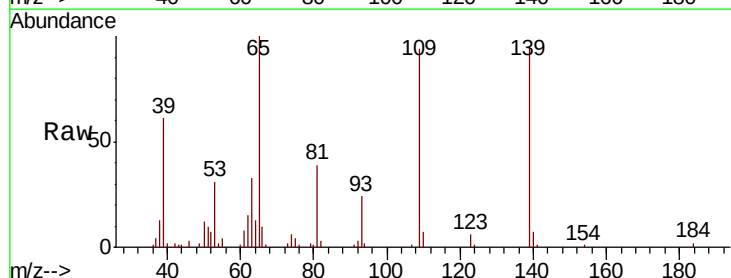


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

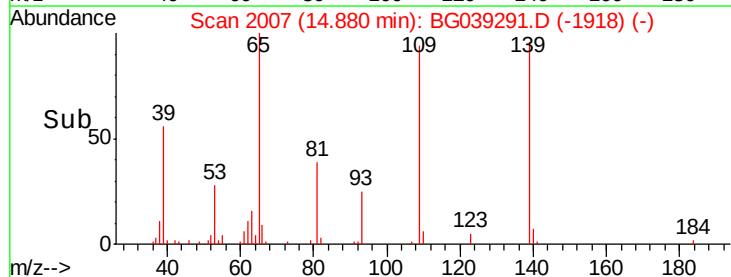
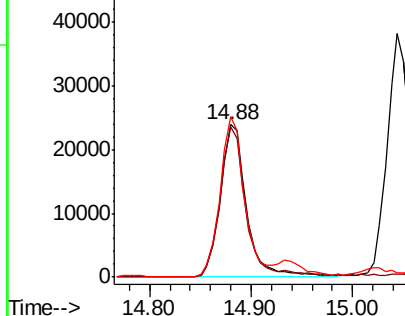


#56  
4-Nitrophenol  
Concen: 87.647 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

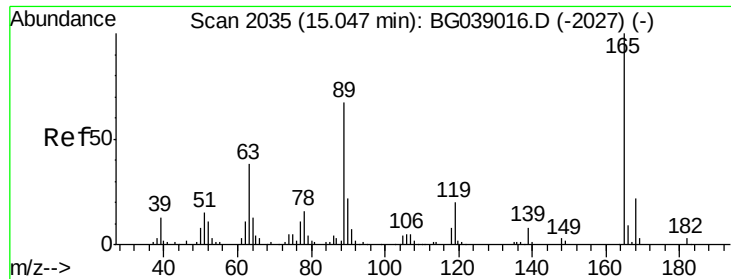
Tgt Ion:139 Resp: 43384  
Ion Ratio Lower Upper  
139 100  
109 98.4 75.6 115.6  
65 105.1 81.2 121.2



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







#57

2,4-Dinitrotoluene

Concen: 44.134 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

Tgt Ion:165 Resp: 42939

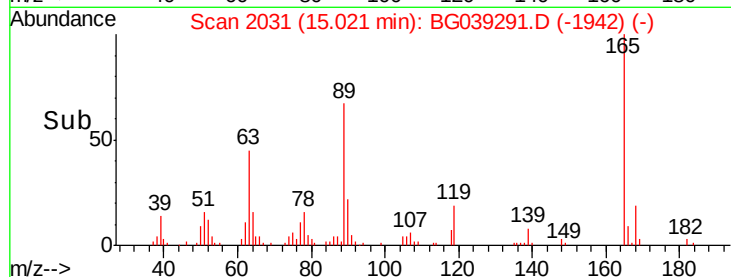
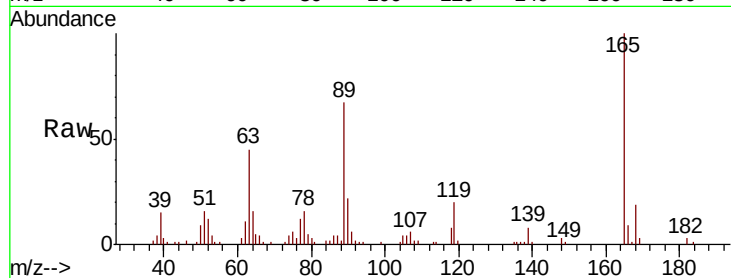
Ion Ratio Lower Upper

165 100

63 44.9 30.2 45.4

89 66.5 53.2 79.8

182 3.1 2.7 4.1

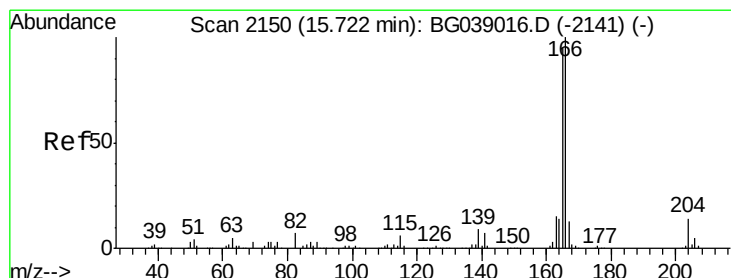
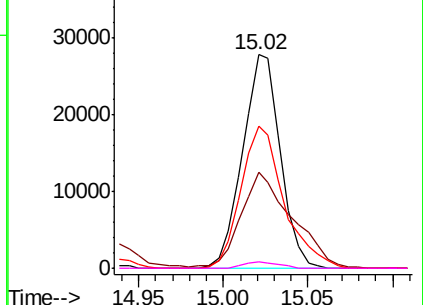


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.079 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

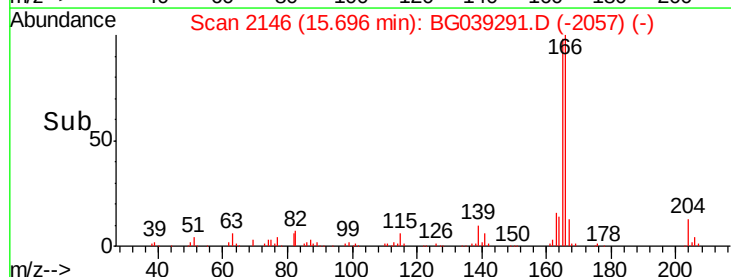
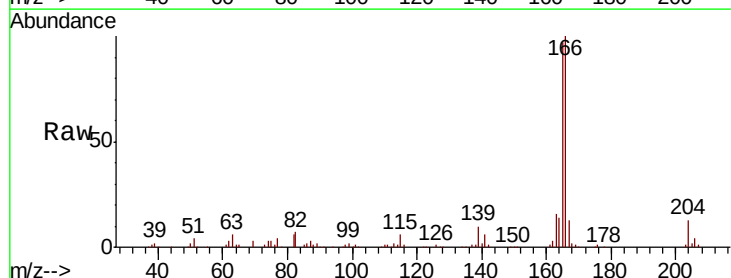
Tgt Ion:166 Resp: 124559

Ion Ratio Lower Upper

166 100

165 96.9 76.2 114.2

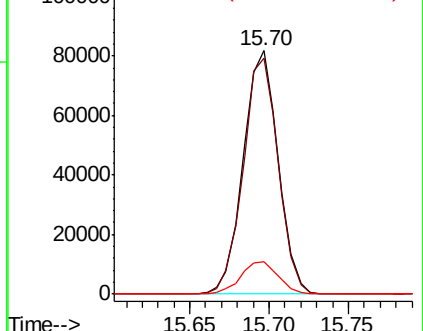
167 13.3 10.6 16.0

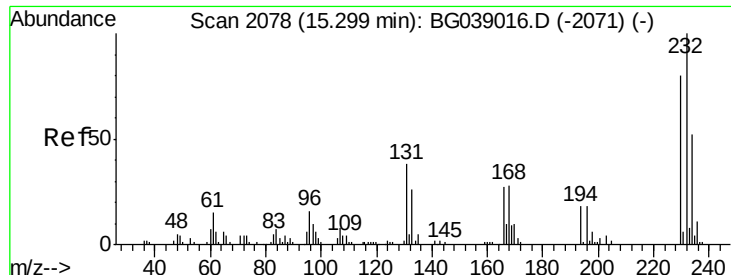


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

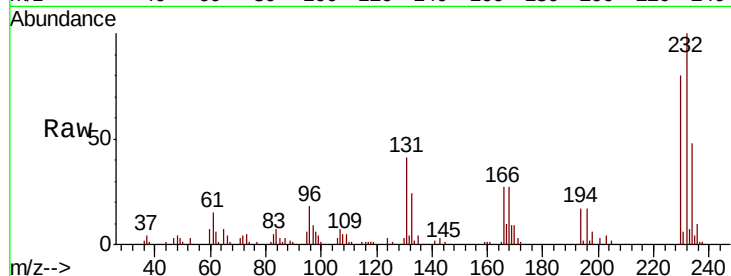




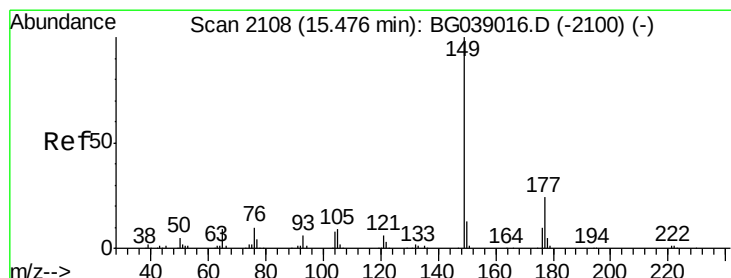
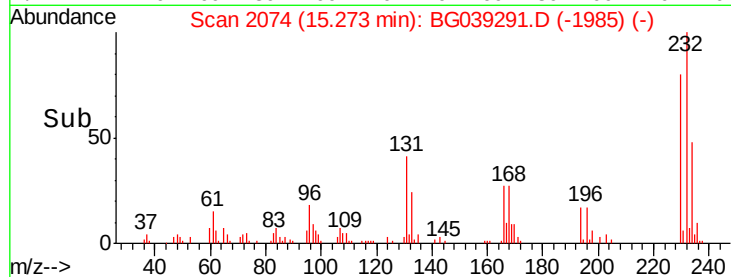
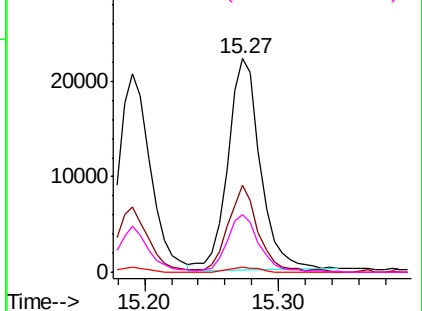
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.322 ng  
RT: 15.27 min Scan# 2074  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion:232 Resp: 37517  
Ion Ratio Lower Upper  
232 100  
131 39.1 30.9 46.3  
130 2.2 1.9 2.9  
166 27.4 22.1 33.1

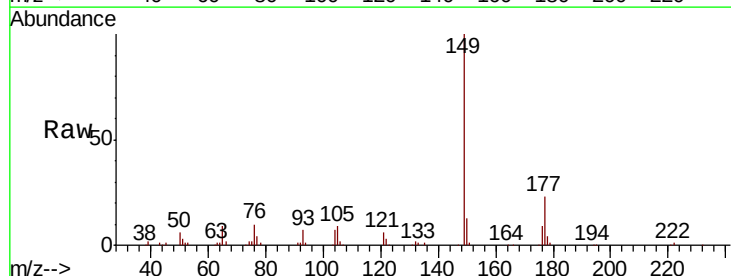


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

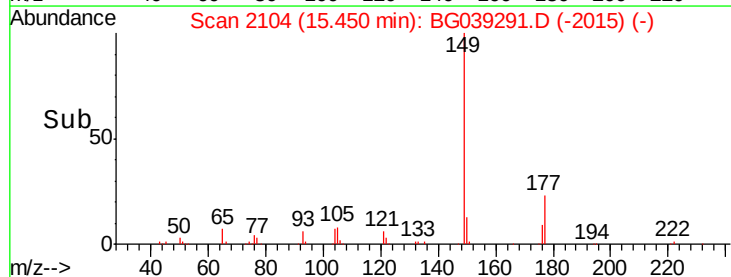
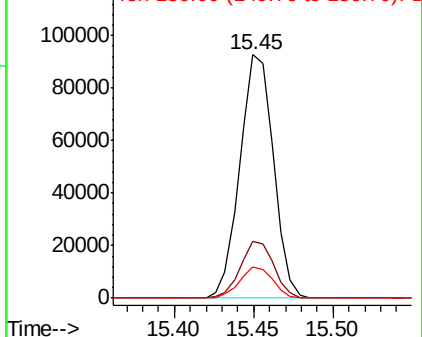


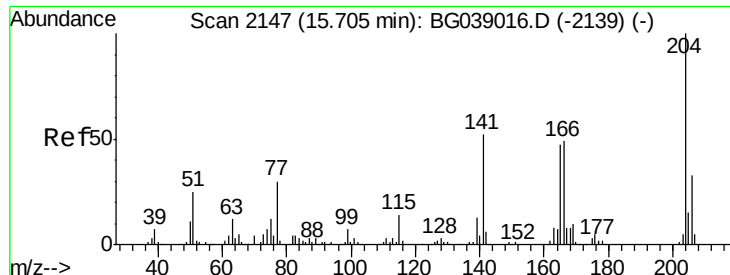
#60  
Diethylphthalate  
Concen: 43.562 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion:149 Resp: 136138  
Ion Ratio Lower Upper  
149 100  
177 23.2 19.0 28.6  
150 12.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

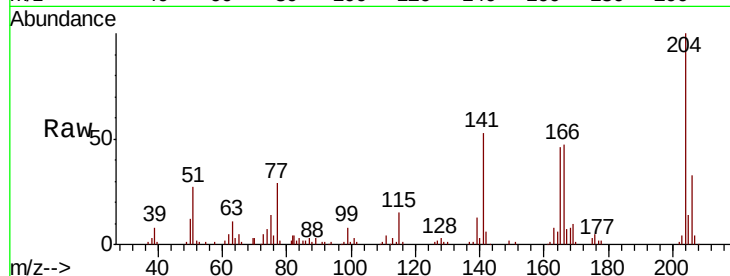




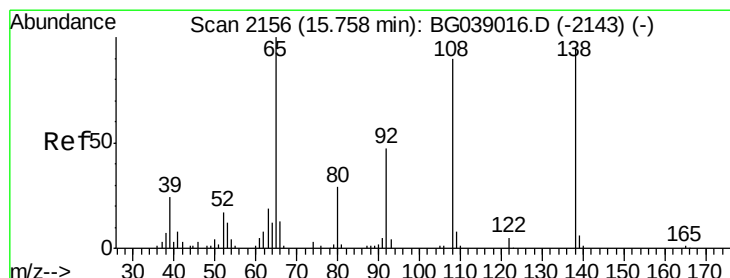
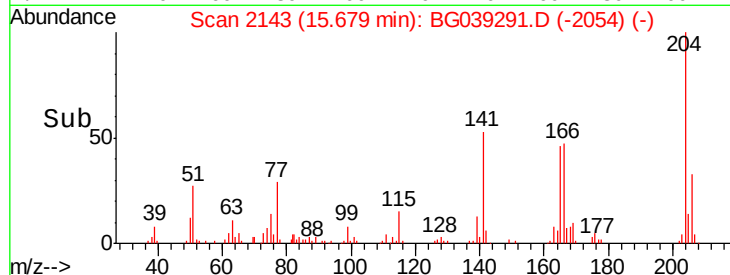
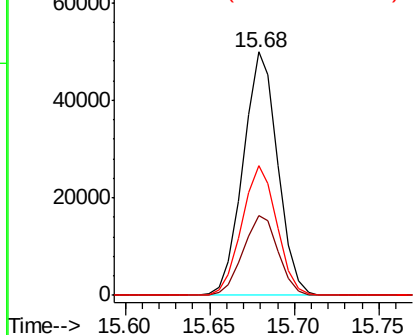
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.709 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion: 204 Resp: 70866  
 Ion Ratio Lower Upper  
 204 100  
 206 32.7 26.6 39.8  
 141 53.4 41.4 62.0

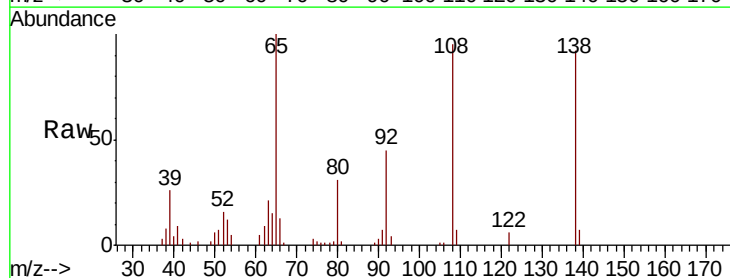


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

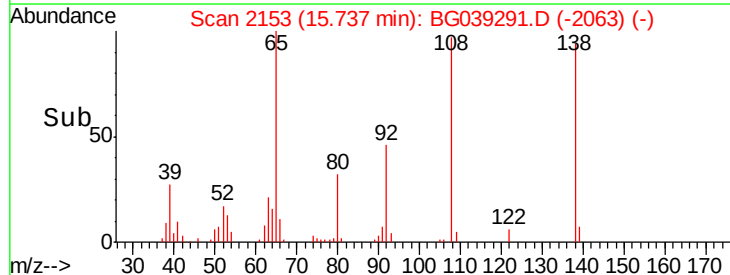
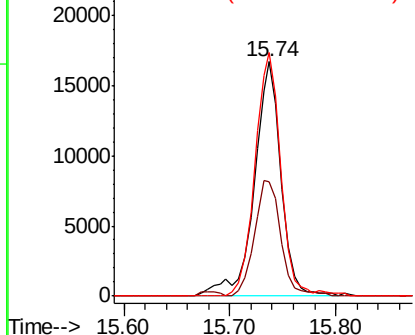


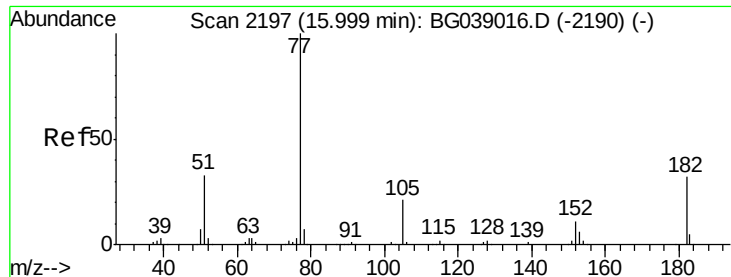
#62  
 4-Nitroaniline  
 Concen: 41.243 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.00 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion: 138 Resp: 29557  
 Ion Ratio Lower Upper  
 138 100  
 92 48.9 29.7 69.7  
 108 103.9 75.7 115.7



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





#63

Azobenzene

Concen: 42.244 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

Tgt Ion: 77 Resp: 103241

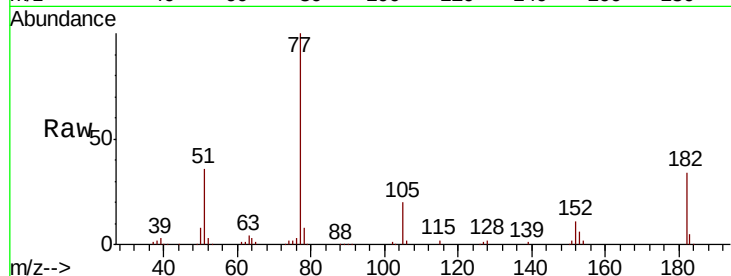
Ion Ratio Lower Upper

77 100

182 34.3 12.2 52.2

105 19.8 1.2 41.2

51 35.7 13.4 53.4

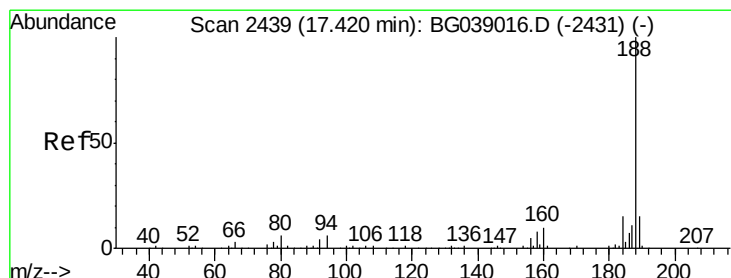
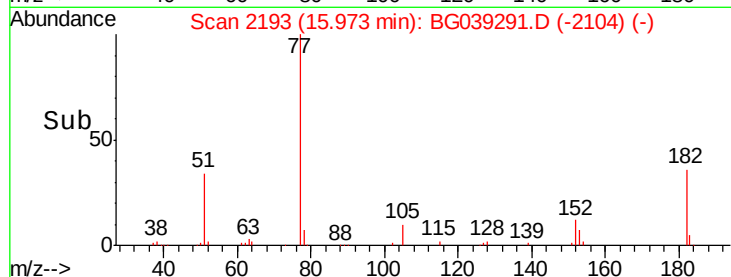
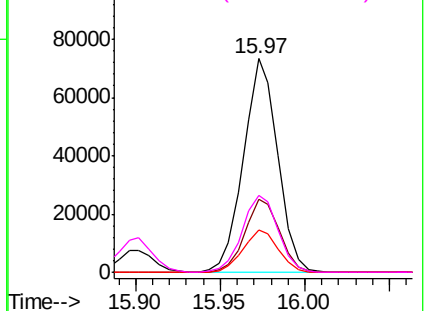


Abundance Ion 77.00 (76.70 to 77.70): BG039016.D (-2190) (-)

Ion 182.00 (181.70 to 182.70): BG039016.D (-2190) (-)

Ion 105.00 (104.70 to 105.70): BG039016.D (-2190) (-)

Ion 51.00 (50.70 to 51.70): BG039016.D (-2190) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

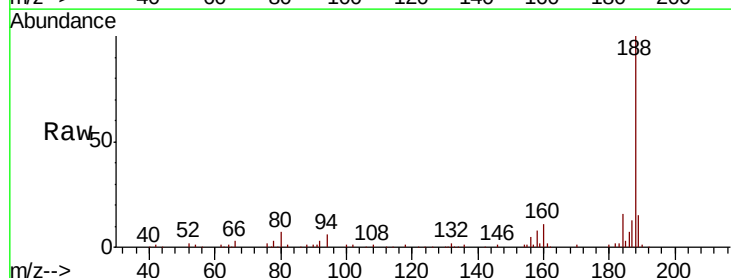
Tgt Ion: 188 Resp: 99628

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

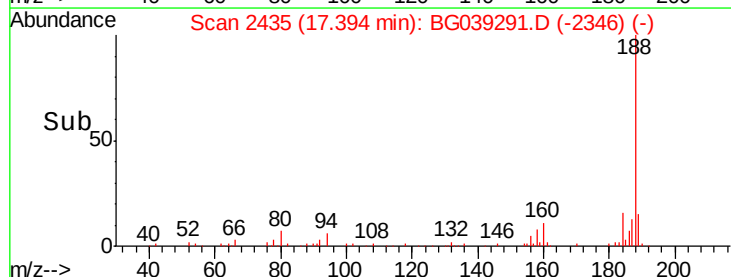
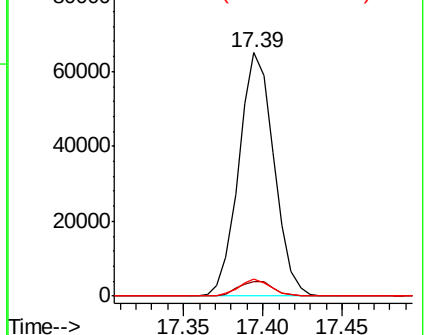
80 7.0 4.7 7.1

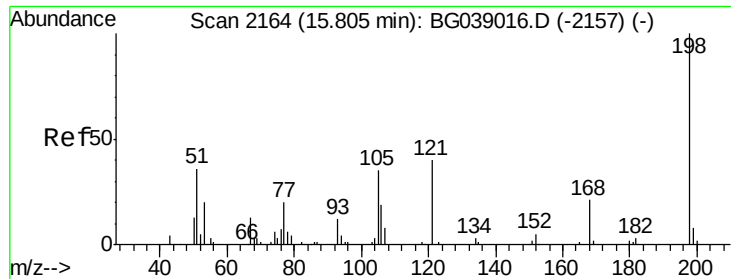


Abundance Ion 188.00 (187.70 to 188.70): BG039016.D (-2431) (-)

Ion 94.00 (93.70 to 94.70): BG039016.D (-2431) (-)

Ion 80.00 (79.70 to 80.70): BG039016.D (-2431) (-)

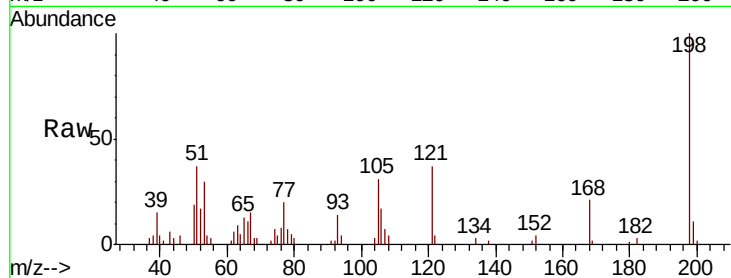




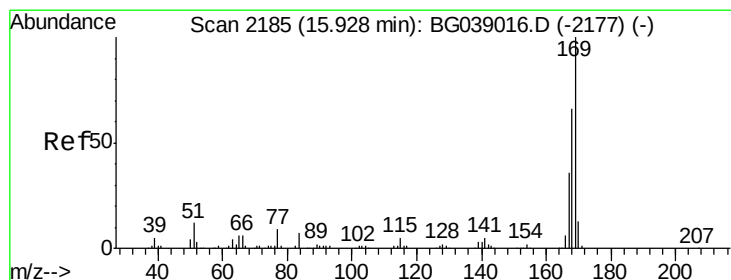
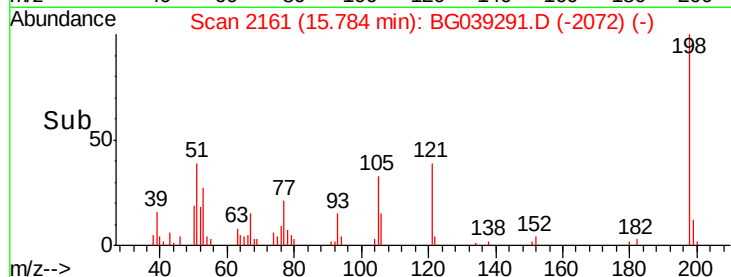
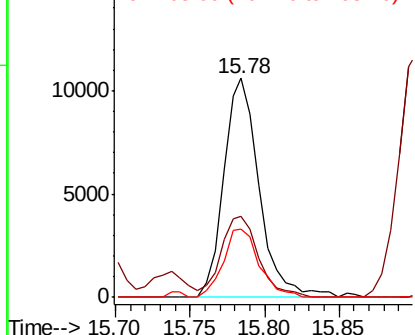
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 23.784 ng  
 RT: 15.78 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion:198 Resp: 17555  
 Ion Ratio Lower Upper  
 198 100  
 51 37.0 20.8 60.8  
 105 31.4 16.1 56.1

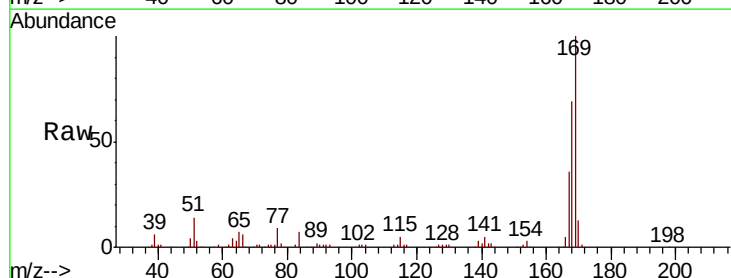


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

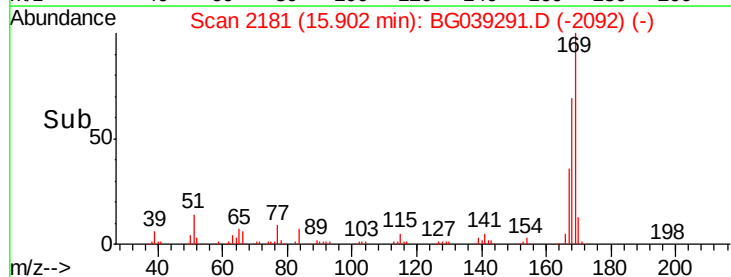
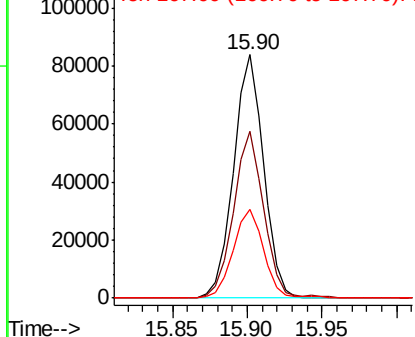


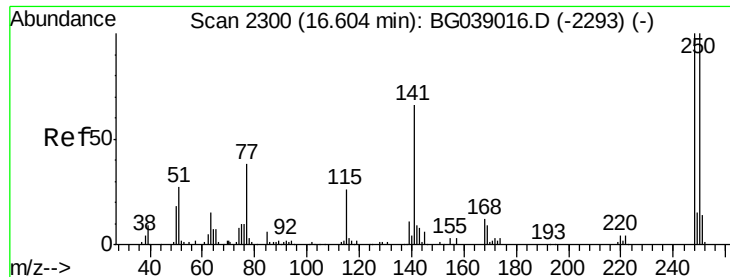
#66  
 n-Nitrosodiphenylamine  
 Concen: 39.727 ng  
 RT: 15.90 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:169 Resp: 117332  
 Ion Ratio Lower Upper  
 169 100  
 168 68.6 53.2 79.8  
 167 36.4 29.1 43.7



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

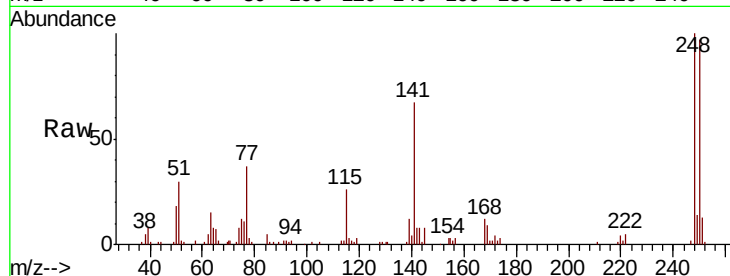




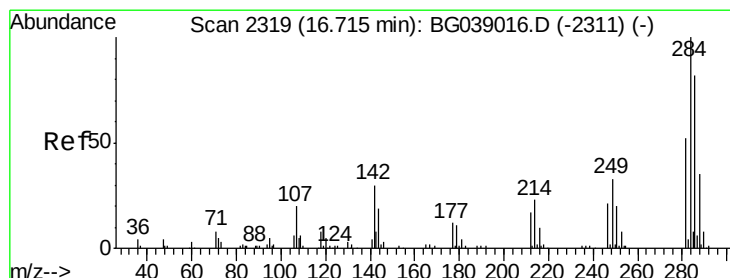
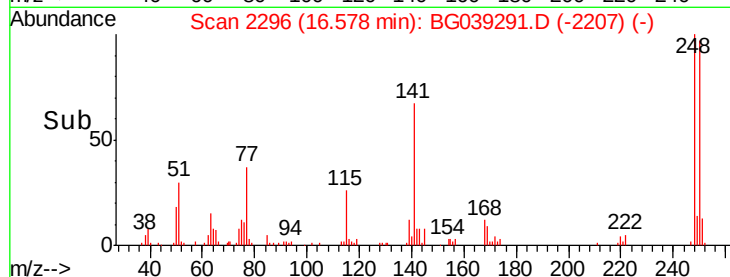
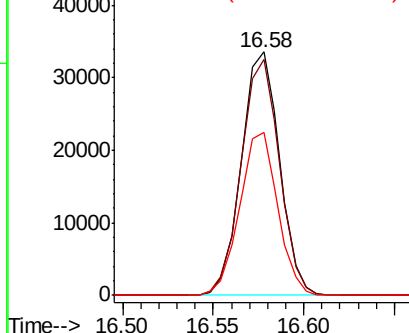
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.349 ng  
 RT: 16.58 min Scan# 2296  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion:248 Resp: 49112  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 79.9 119.9  
 141 66.7 52.7 79.1

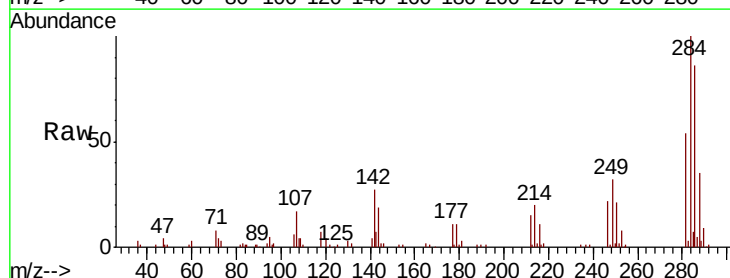


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

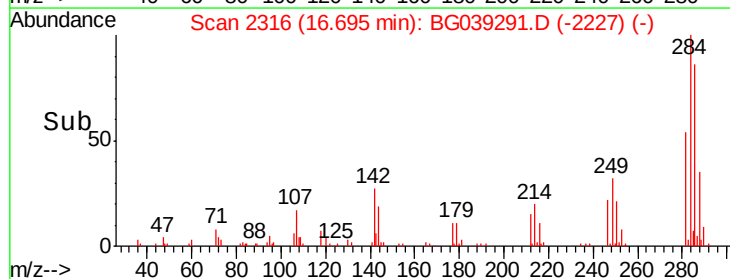
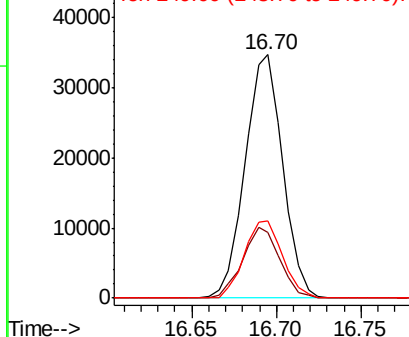


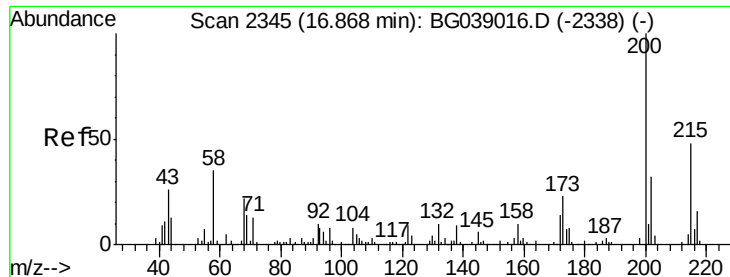
#68  
 Hexachlorobenzene  
 Concen: 38.381 ng  
 RT: 16.70 min Scan# 2316  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion:284 Resp: 53635  
 Ion Ratio Lower Upper  
 284 100  
 142 26.7 24.3 36.5  
 249 34.0 27.8 41.8



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





#69

Atrazine

Concen: 41.219 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

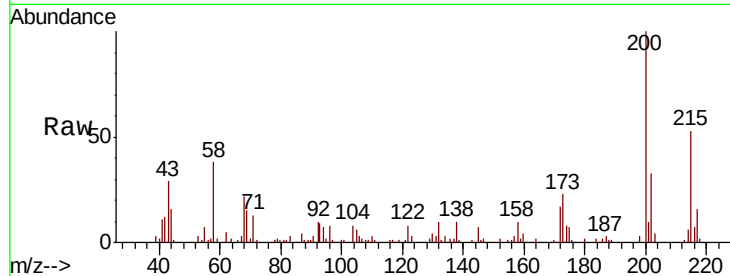
Tgt Ion:200 Resp: 51717

Ion Ratio Lower Upper

200 100

173 22.8 2.6 42.6

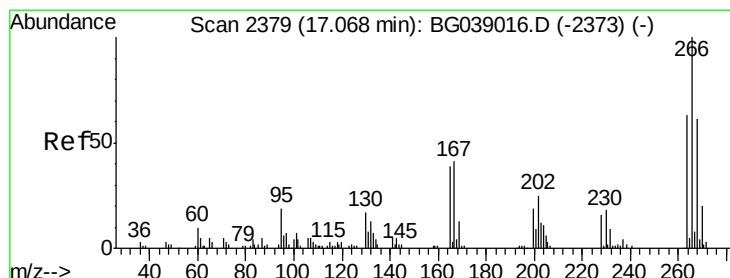
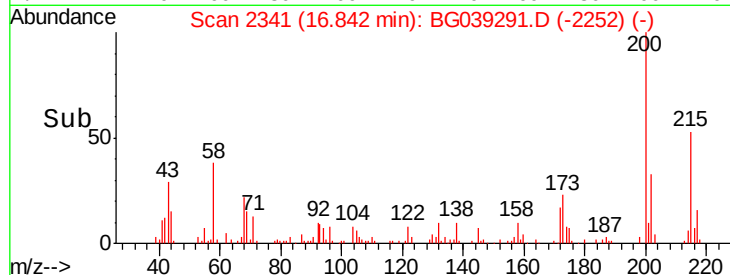
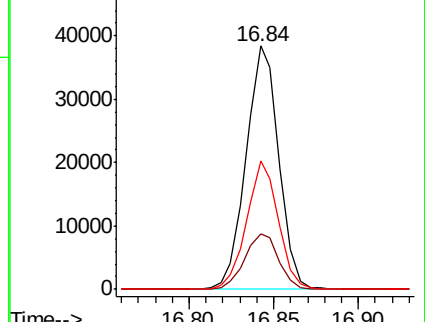
215 52.7 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 49.591 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

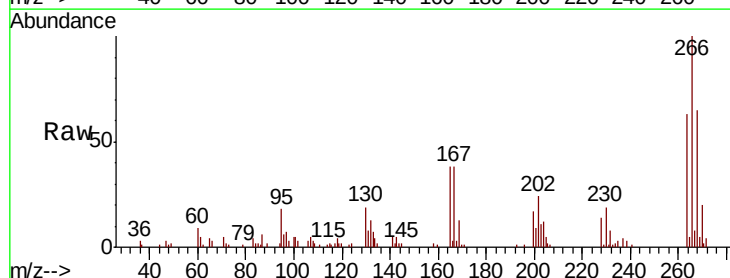
Tgt Ion:266 Resp: 40766

Ion Ratio Lower Upper

266 100

268 69.5 52.0 78.0

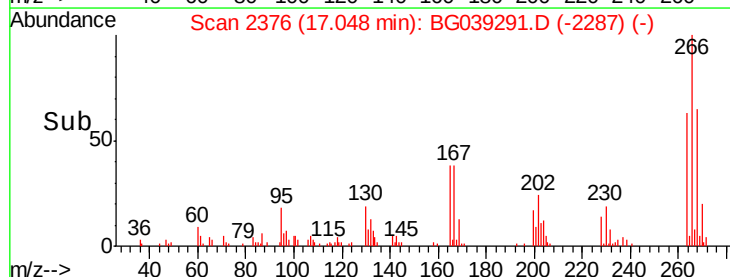
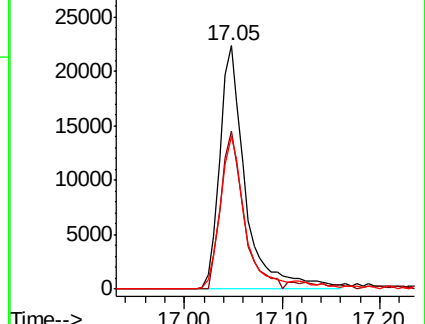
264 67.4 54.6 81.8

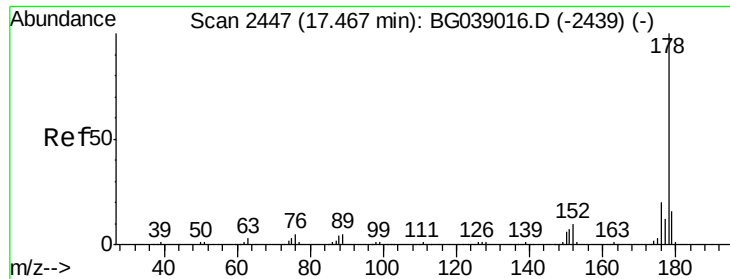


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

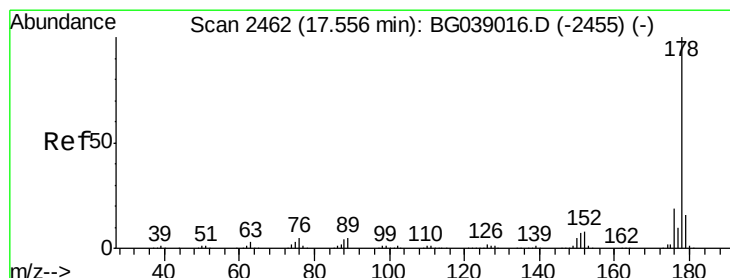
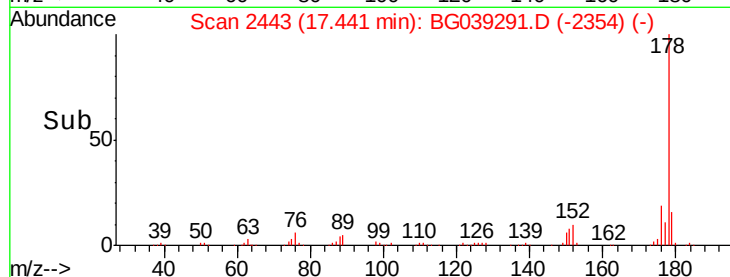
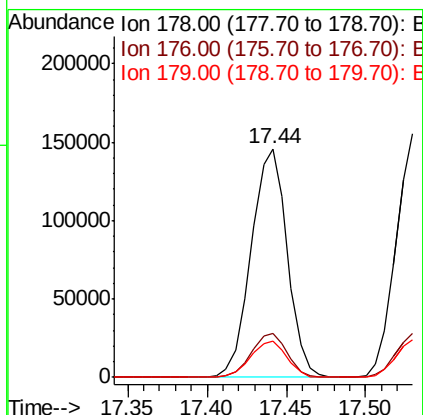
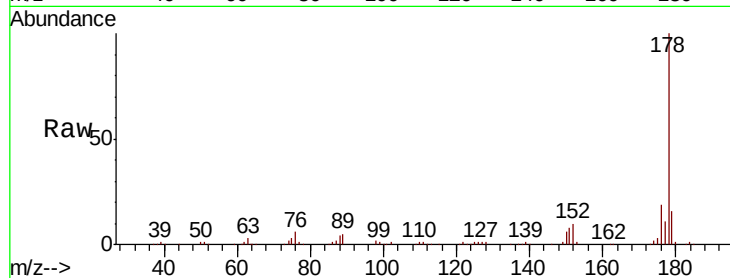




#71  
Phenanthrene  
Concen: 43.788 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

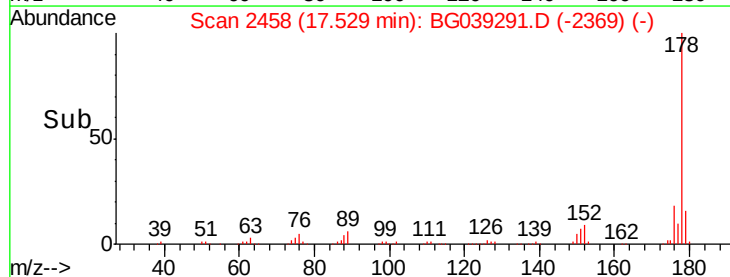
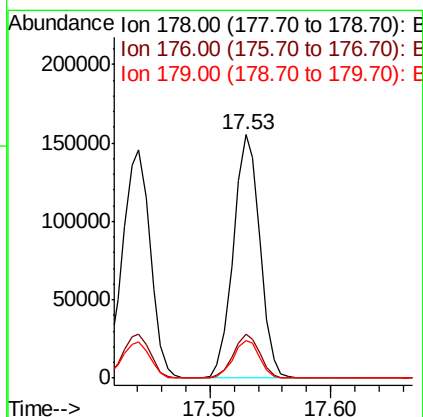
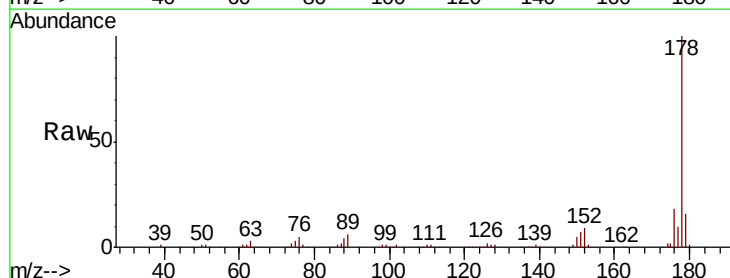
Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

Tgt Ion:178 Resp: 230589  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 15.9 12.9 19.3

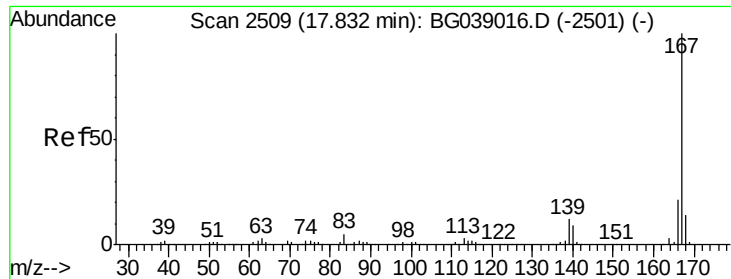


#72  
Anthracene  
Concen: 45.671 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

Tgt Ion:178 Resp: 237797  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.9 22.3  
179 15.5 13.0 19.4



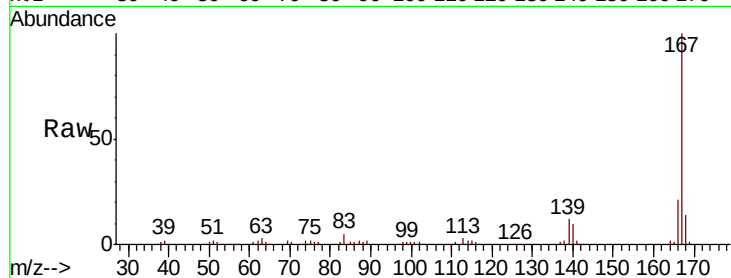




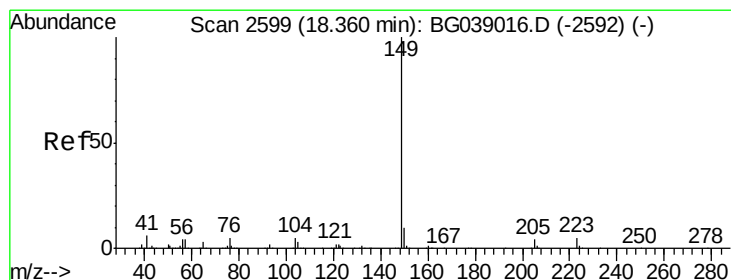
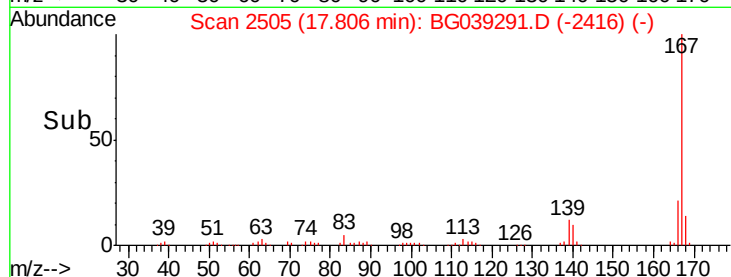
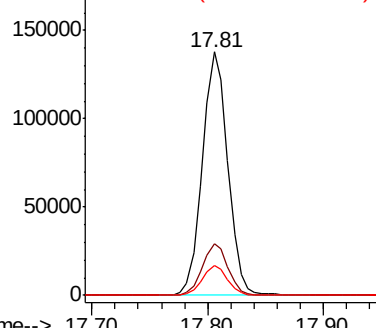
#73  
 Carbazole  
 Concen: 40.902 ng  
 RT: 17.81 min Scan# 2505  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 16.9  | 25.3  |
| 139     | 12.1  | 10.0  | 15.0  |

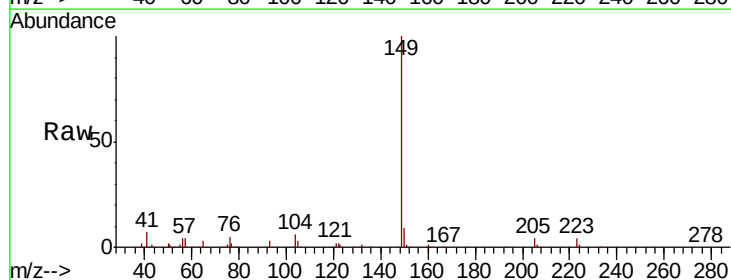


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

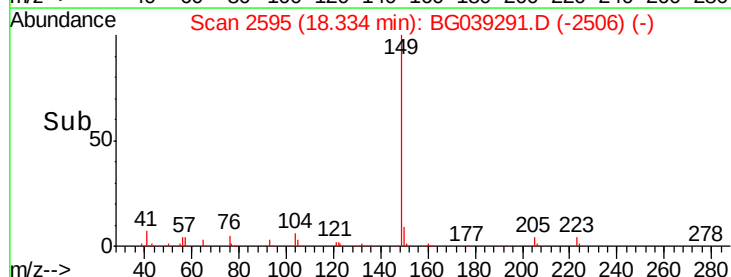
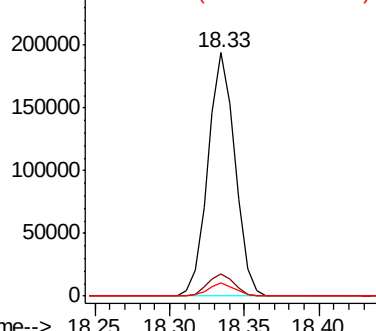


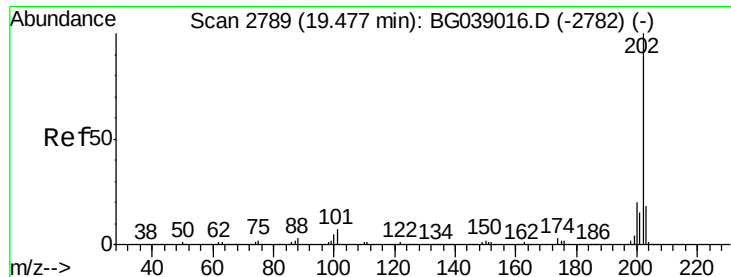
#74  
 Di-n-butylphthalate  
 Concen: 42.820 ng  
 RT: 18.33 min Scan# 2595  
 Delta R.T. -0.01 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.9   | 11.9  |
| 104     | 5.6   | 4.2   | 6.2   |



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





#75

Fluoranthene

Concen: 60.317 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

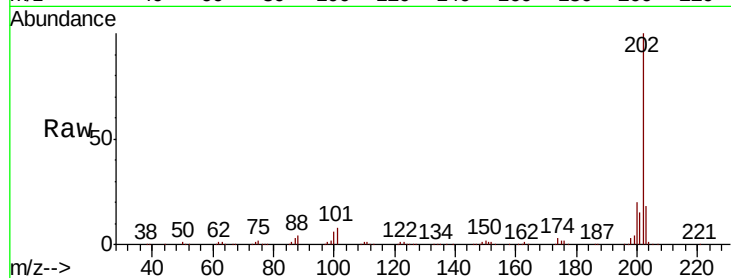
Tgt Ion:202 Resp: 393760

Ion Ratio Lower Upper

202 100

101 8.0 0.0 26.9

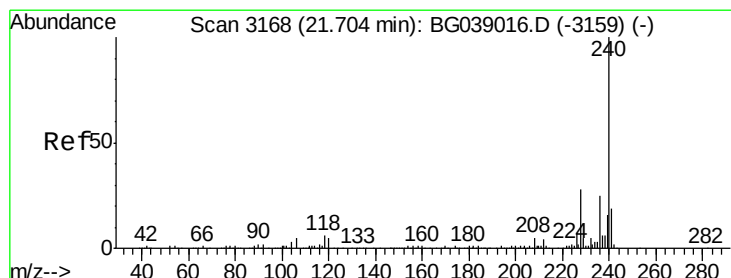
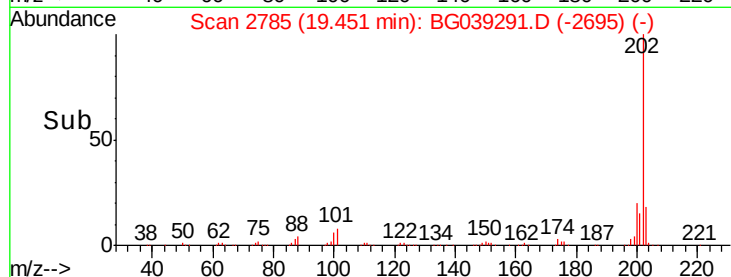
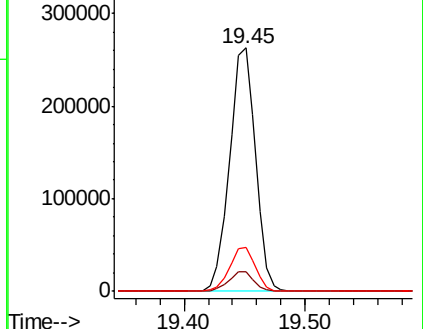
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

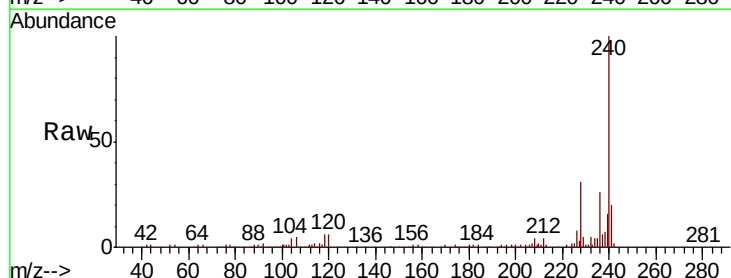
Tgt Ion:240 Resp: 121812

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

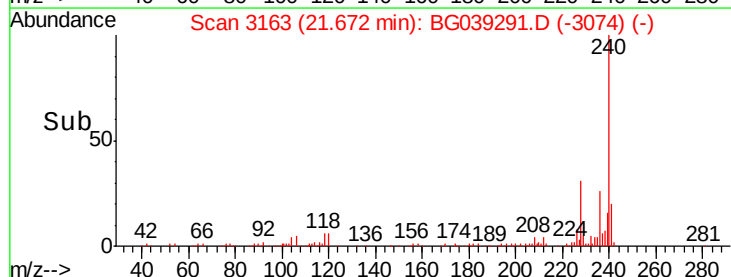
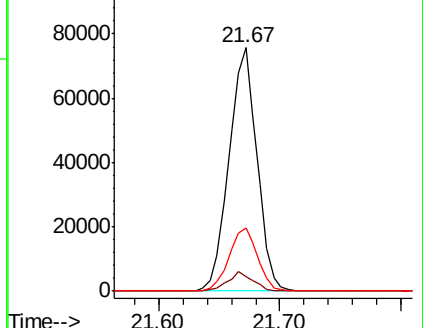
236 25.9 20.1 30.1

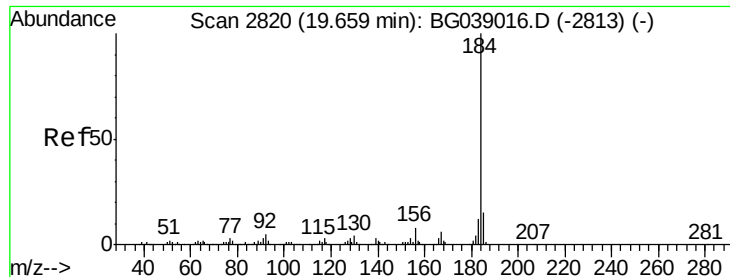


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.576 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

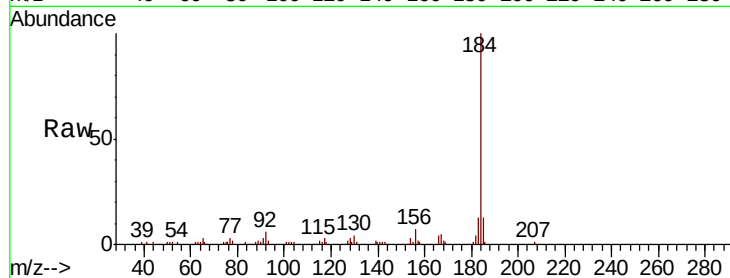
Tgt Ion:184 Resp: 72936

Ion Ratio Lower Upper

184 100

185 13.5 12.1 18.1

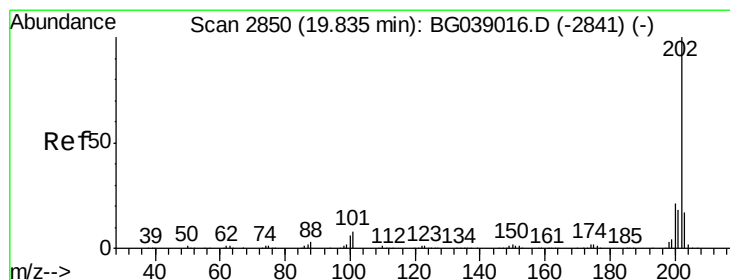
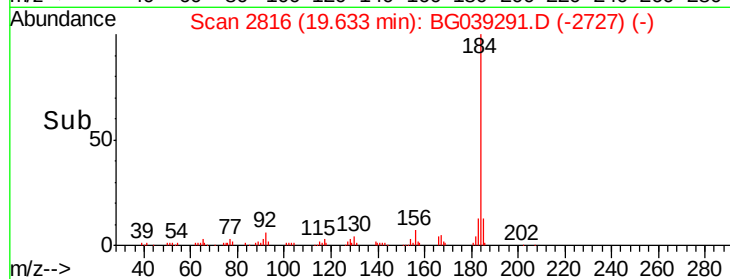
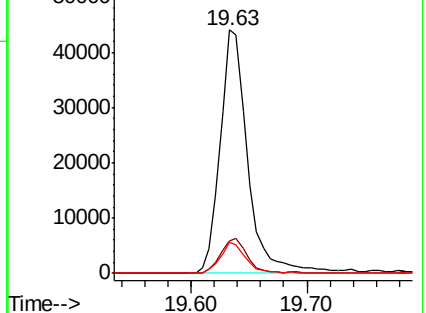
183 12.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.795 ng

RT: 19.82 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

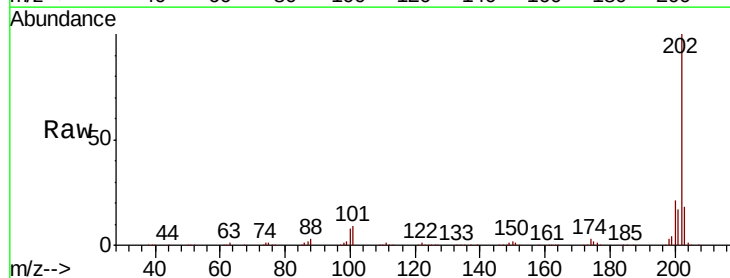
Tgt Ion:202 Resp: 402078

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

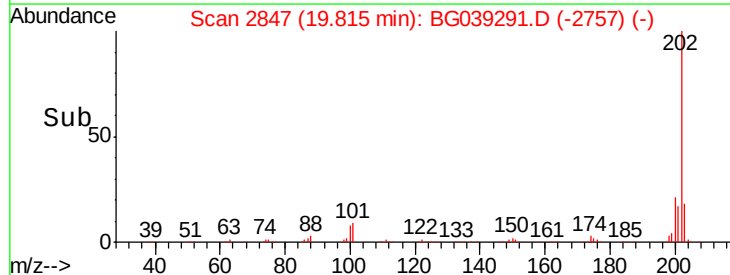
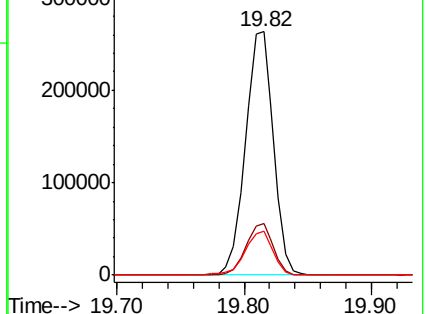
203 17.8 14.0 21.0

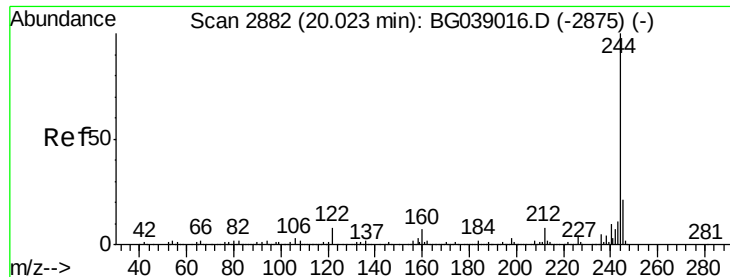


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.406 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

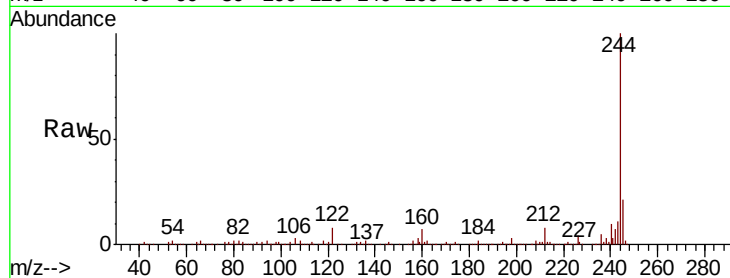
Tgt Ion:244 Resp: 601893

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

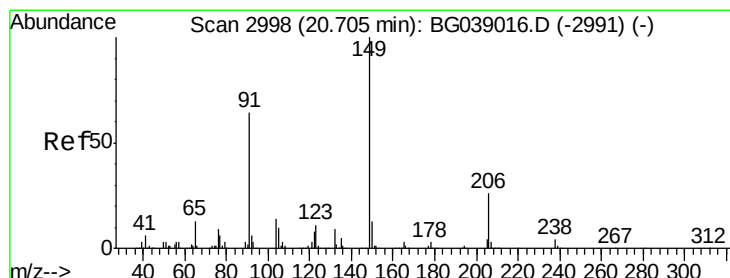
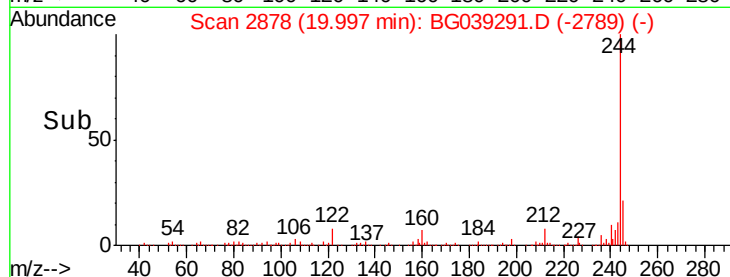
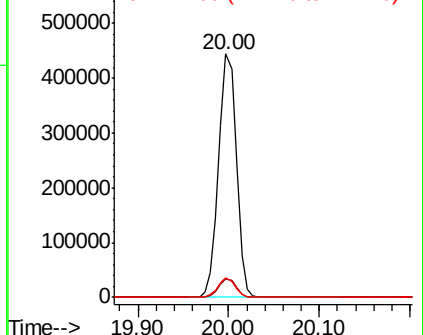
122 8.0 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.534 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

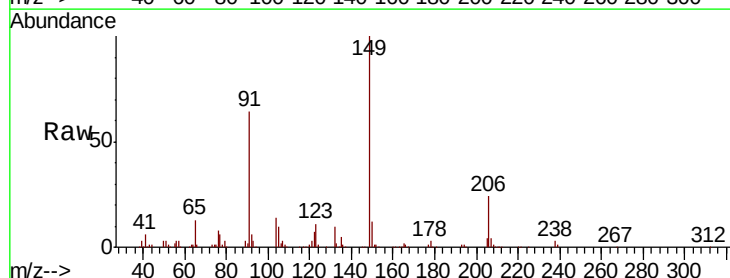
Tgt Ion:149 Resp: 149202

Ion Ratio Lower Upper

149 100

91 64.1 51.4 77.0

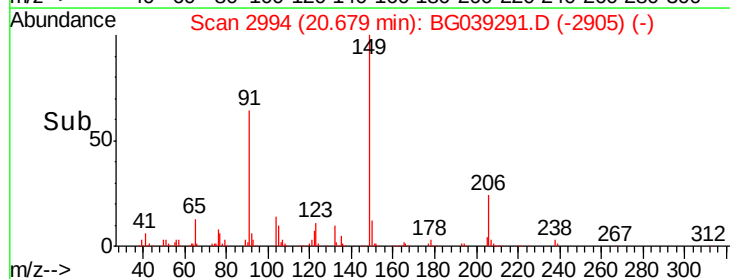
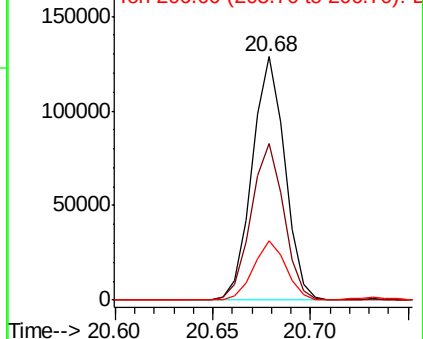
206 24.2 20.4 30.6

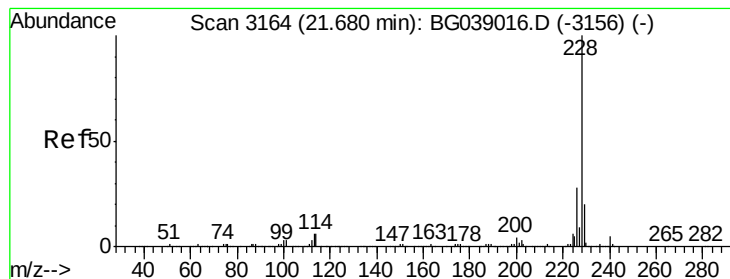


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.273 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

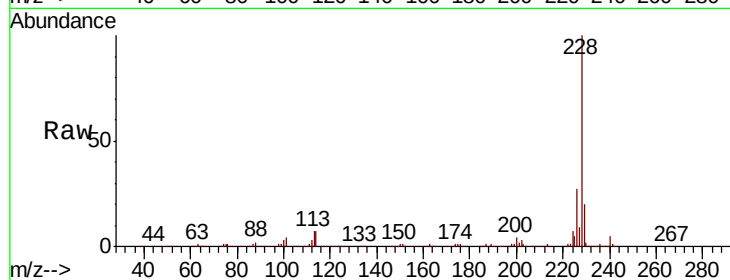
Tgt Ion:228 Resp: 350542

Ion Ratio Lower Upper

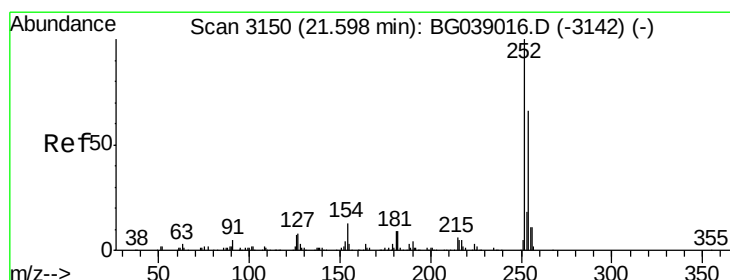
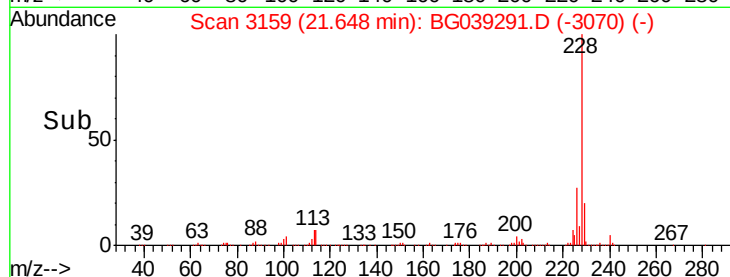
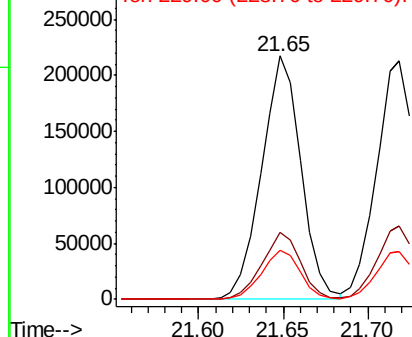
228 100

226 27.4 22.4 33.6

229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.056 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

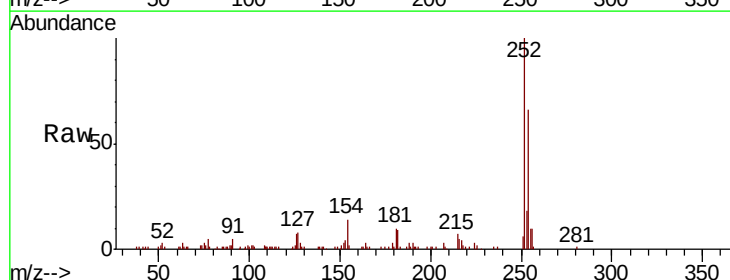
Tgt Ion:252 Resp: 57573

Ion Ratio Lower Upper

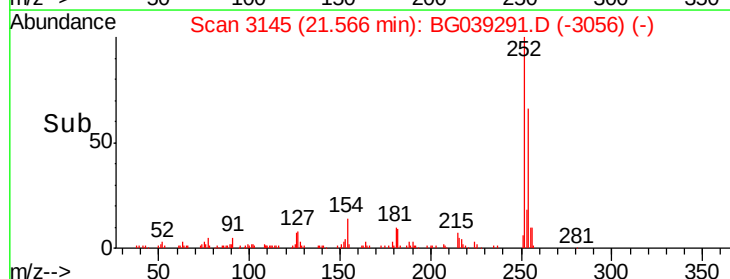
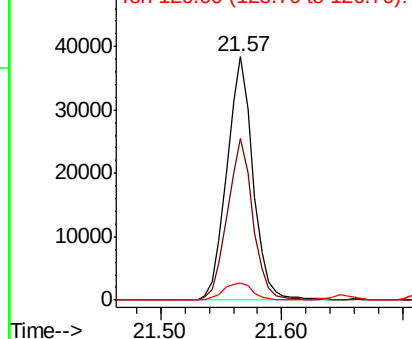
252 100

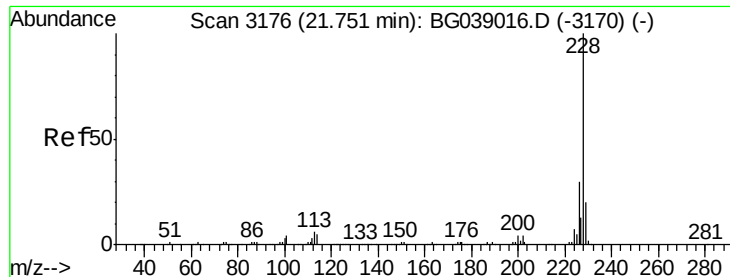
254 66.3 53.0 79.6

126 7.0 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.720 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

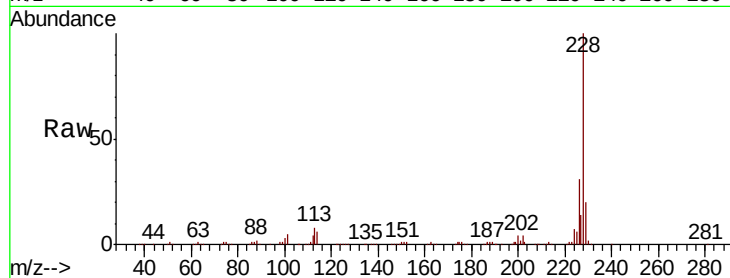
Tgt Ion:228 Resp: 343600

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 19.7 16.0 24.0

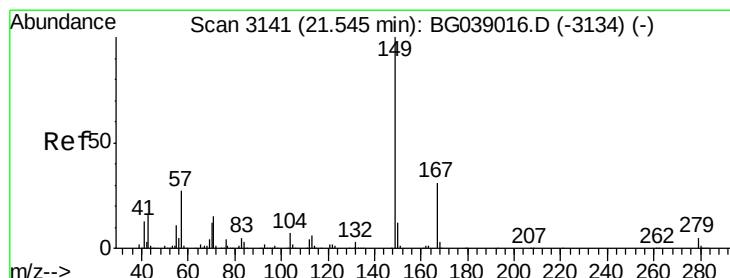
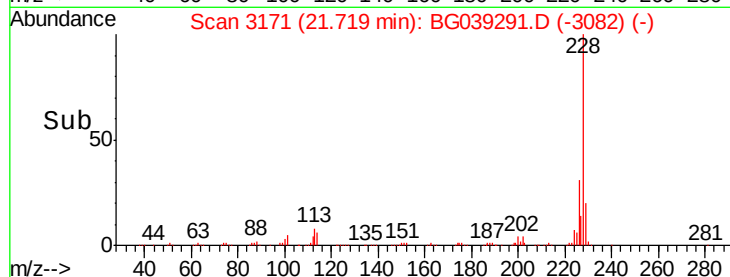
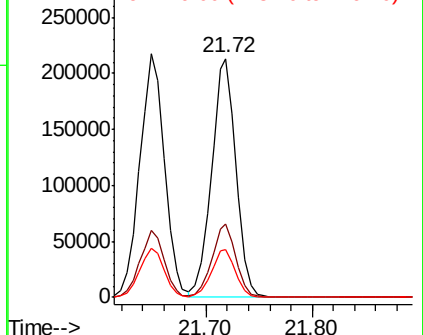


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.069 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

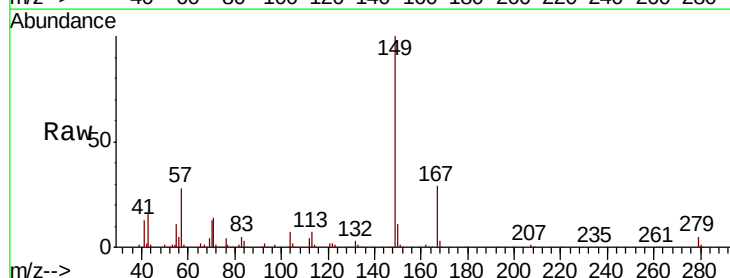
Tgt Ion:149 Resp: 192966

Ion Ratio Lower Upper

149 100

167 28.8 25.0 37.4

279 5.0 4.3 6.5

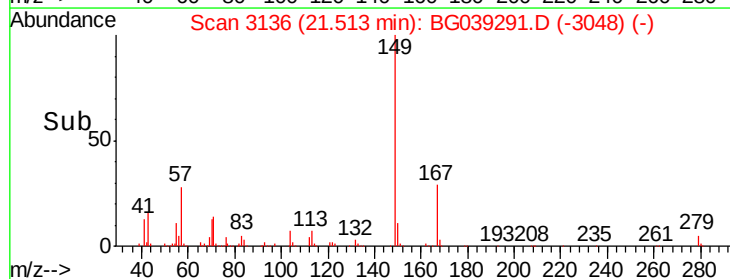
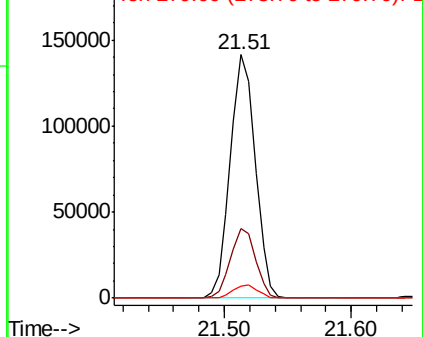


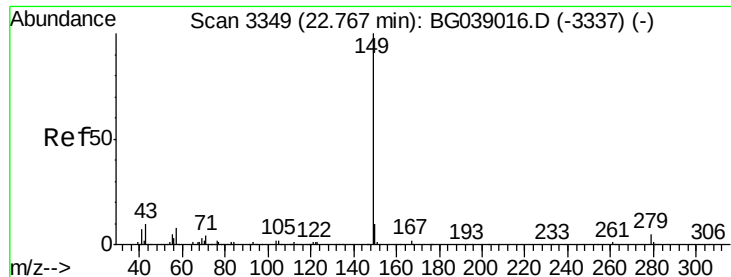
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

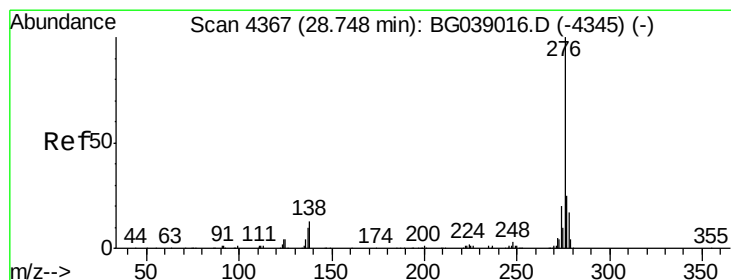
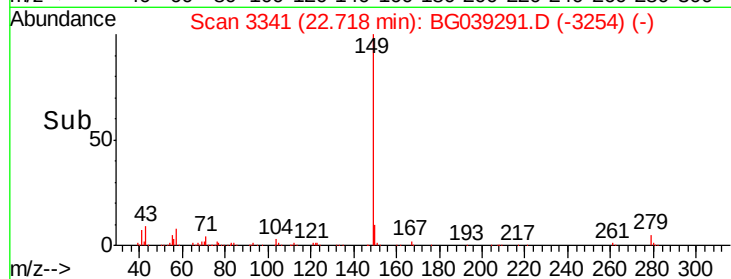
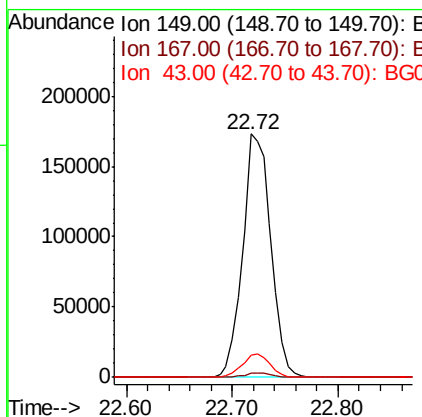
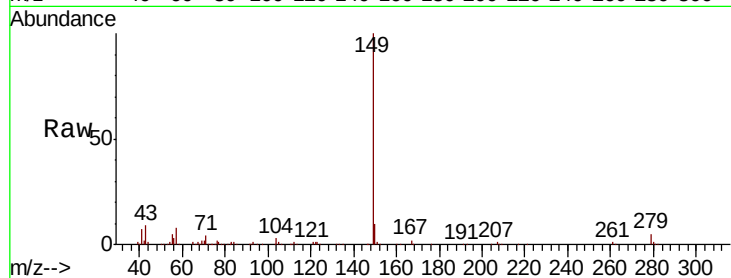




#85  
Di-n-octyl phthalate  
Concen: 46.017 ng  
RT: 22.72 min Scan# 3341  
Delta R.T. -0.02 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

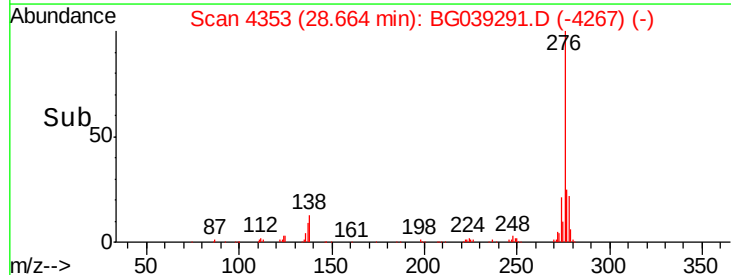
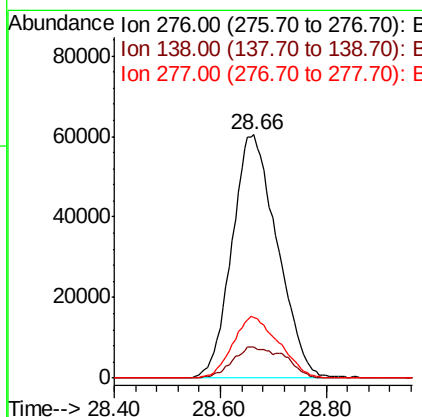
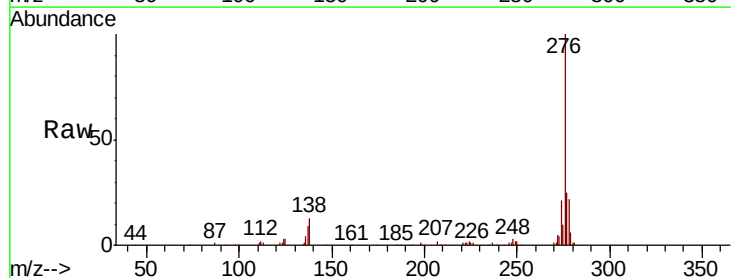
Instrument :  
BNA\_G  
ClientSampleId :  
PB116630BS

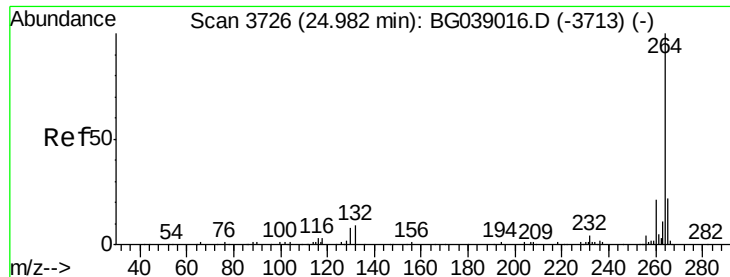
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 9.6   | 7.5   | 11.3  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.552 ng  
RT: 28.66 min Scan# 4353  
Delta R.T. -0.03 min  
Lab File: BG039291.D  
Acq: 25 Jan 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 10.3  | 8.0   | 12.0  |
| 277     | 25.7  | 20.3  | 30.5  |



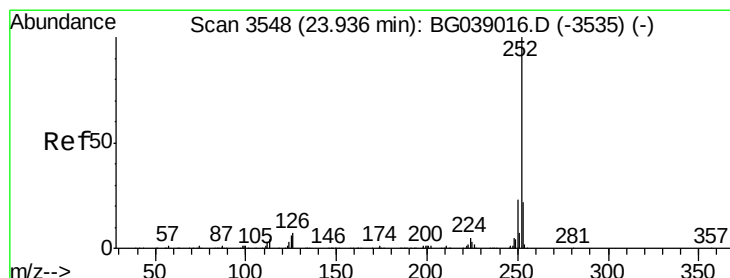
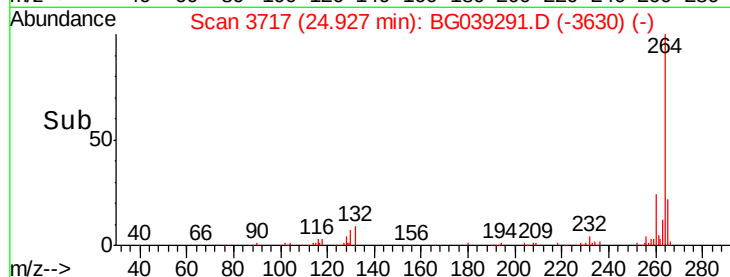
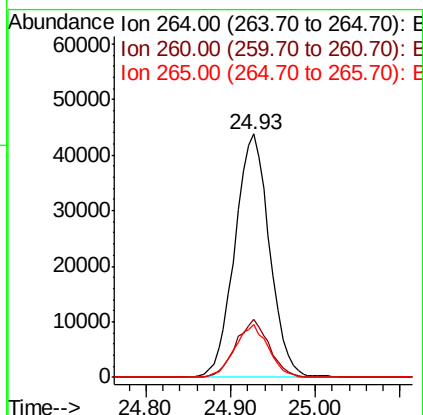
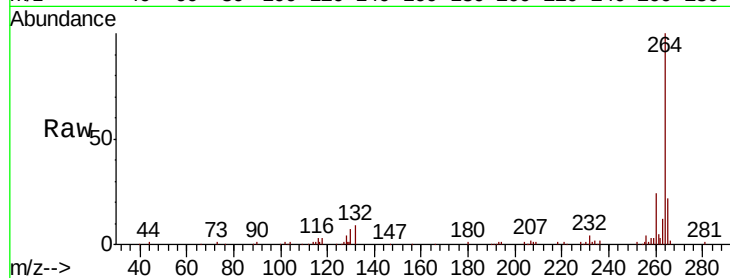


#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.93 min Scan# 3717  
 Delta R.T. -0.02 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116630BS

Tgt Ion: 264 Resp: 124492

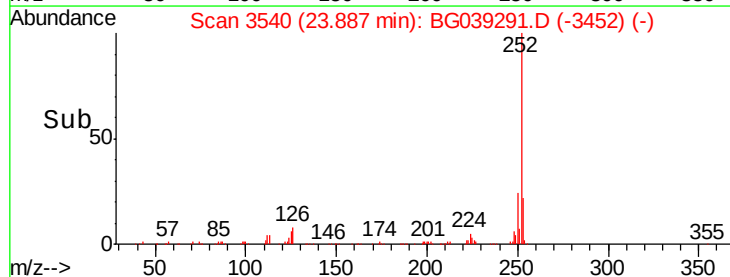
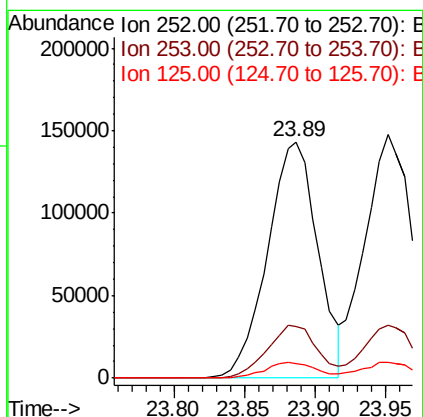
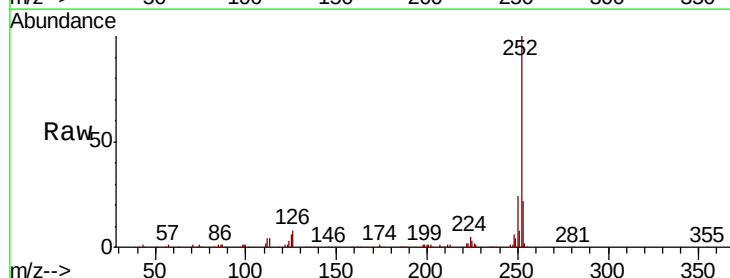
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 17.0  | 25.6  |
| 265 | 22.0  | 17.2  | 25.8  |



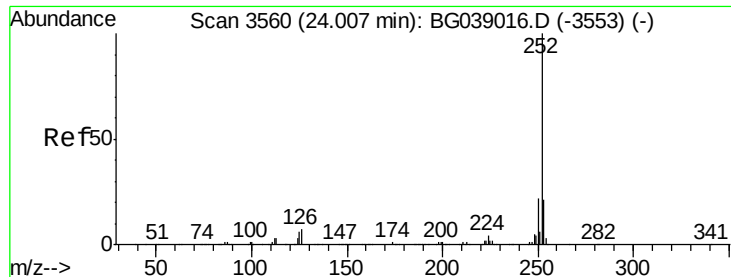
#88  
 Benzo(b)fluoranthene  
 Concen: 51.800 ng  
 RT: 23.89 min Scan# 3540  
 Delta R.T. -0.02 min  
 Lab File: BG039291.D  
 Acq: 25 Jan 2019 23:17

Tgt Ion: 252 Resp: 355578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.8  | 26.6  |
| 125 | 6.3   | 4.9   | 7.3   |







#89

Benzo(k)fluoranthene

Concen: 51.070 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.02 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

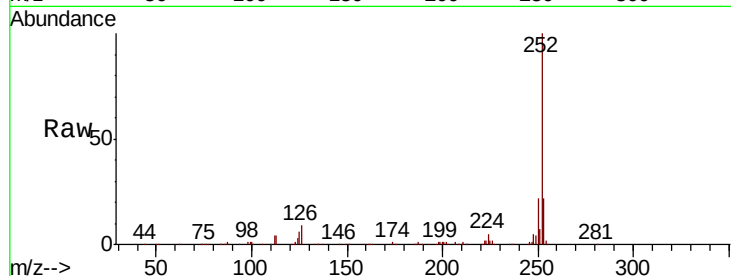
Tgt Ion:252 Resp: 346617

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

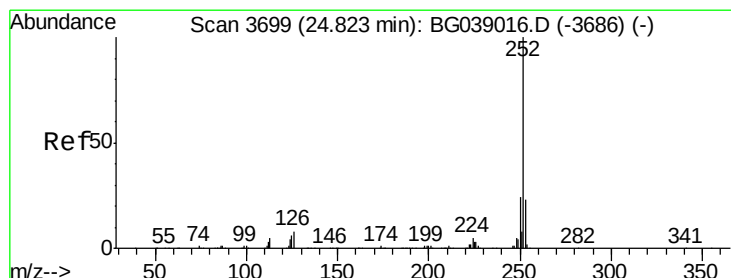
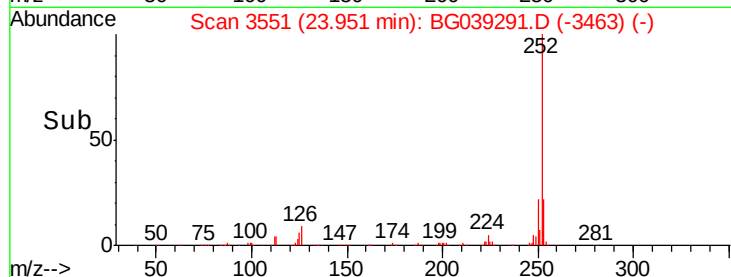
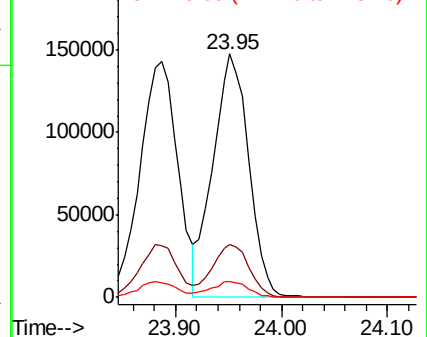
125 6.2 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.026 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.02 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

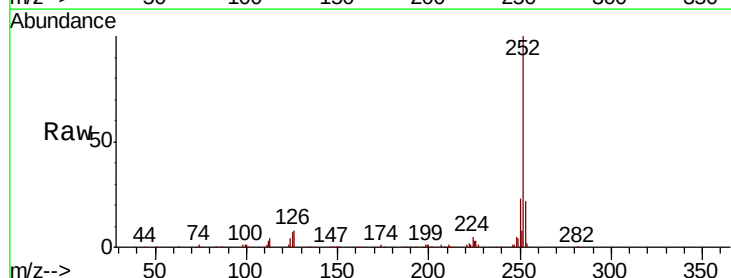
Tgt Ion:252 Resp: 325288

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

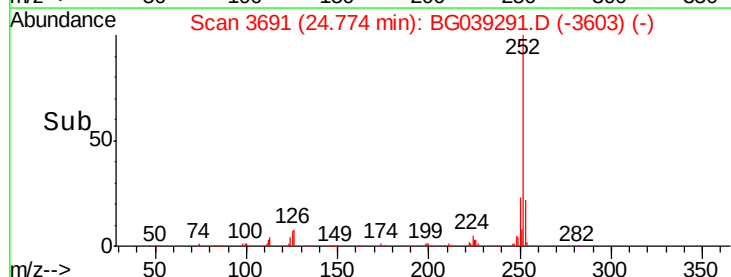
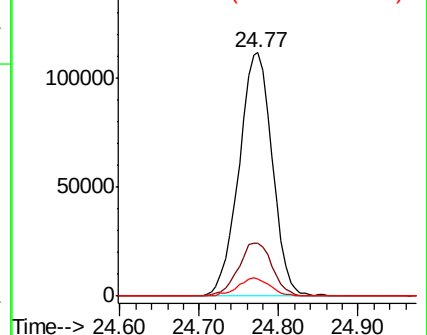
125 7.1 4.9 7.3

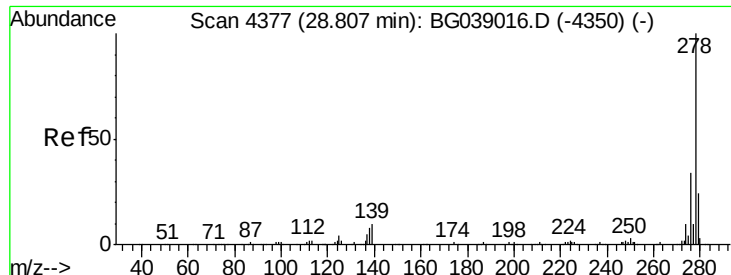


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.952 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

PB116630BS

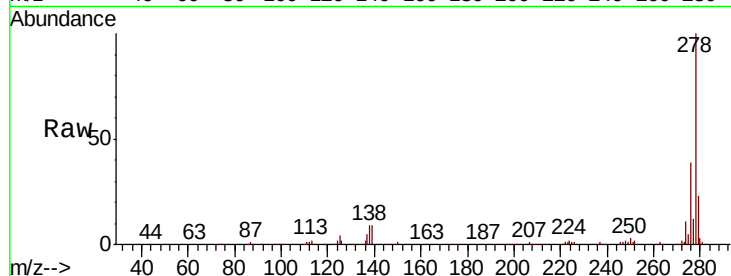
Tgt Ion:278 Resp: 303270

Ion Ratio Lower Upper

278 100

139 9.1 7.9 11.9

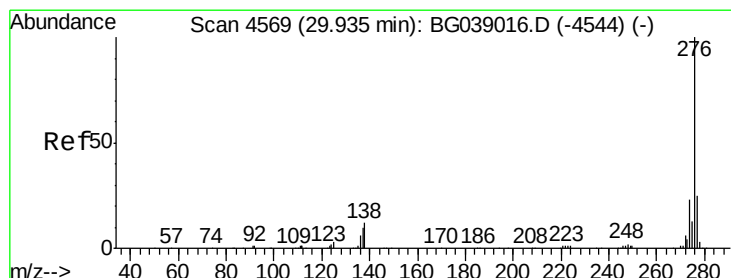
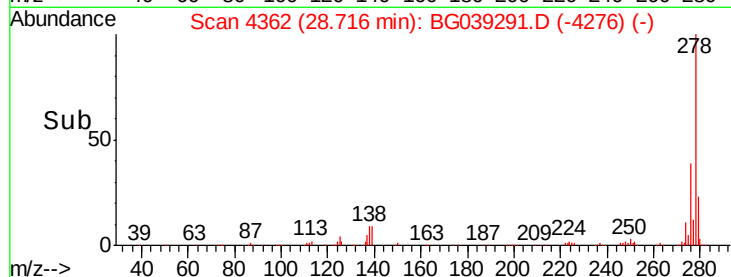
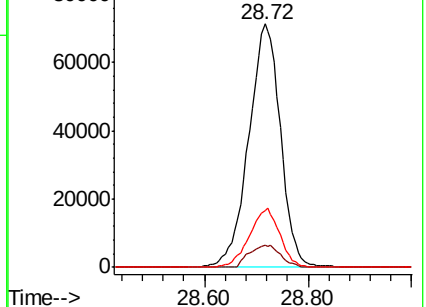
279 23.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.493 ng

RT: 29.84 min Scan# 4553

Delta R.T. -0.03 min

Lab File: BG039291.D

Acq: 25 Jan 2019 23:17

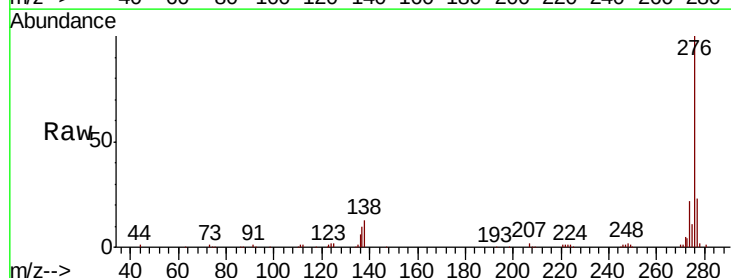
Tgt Ion:276 Resp: 297234

Ion Ratio Lower Upper

276 100

277 22.8 20.3 30.5

138 12.7 9.4 14.2



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

