

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121218\  
 Data File : BG038499.D  
 Acq On : 12 Dec 2018 12:19  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Quant Time: Dec 12 12:58:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 12:12:47 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 27073    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 112235   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 72197    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 177781   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 173070   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 191089   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 153416 | 100.28 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 212063 | 95.91  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 220117 | 97.37  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 104036 | 117.38 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 515509 | 101.74 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 794945 | 98.40  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 35802  | 51.061 | ng | 98     |
| 3) Pyridine                    | 3.90  | 79  | 95570  | 45.560 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 47361  | 51.544 | ng | 90     |
| 6) Aniline                     | 7.39  | 93  | 135988 | 48.152 | ng | 99     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 88995  | 50.089 | ng | 98     |
| 9) Benzaldehyde                | 7.21  | 77  | 60256  | 43.035 | ng | 95     |
| 10) Phenol                     | 7.24  | 94  | 112697 | 48.239 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 88330  | 46.165 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 103891 | 50.029 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 104909 | 48.827 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 99695  | 46.961 | ng | 96     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 85314  | 46.931 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 198233 | 45.549 | ng | 98     |
| 17) 2-Methylphenol             | 8.50  | 107 | 75872  | 42.787 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 39041  | 50.345 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 73494  | 43.182 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 107733 | 45.773 | ng | 99     |
| 22) Acetophenone               | 8.89  | 105 | 140318 | 47.762 | ng | # 98   |
| 24) Nitrobenzene               | 9.28  | 77  | 111470 | 48.534 | ng | 98     |
| 25) Isophorone                 | 9.80  | 82  | 187383 | 47.167 | ng | 99     |
| 26) 2-Nitrophenol              | 9.99  | 139 | 57314  | 53.857 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 80766  | 52.839 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 115051 | 50.517 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 94344  | 54.071 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 110683 | 54.038 | ng | 99     |
| 31) Naphthalene                | 10.93 | 128 | 273523 | 51.019 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 45281  | 45.485 | ng | 93     |
| 33) 4-Chloroaniline            | 11.04 | 127 | 124328 | 52.385 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 75320  | 58.780 | ng | 91     |
| 35) Caprolactam                | 11.84 | 113 | 35708  | 49.488 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 102636 | 52.942 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 198009 | 51.862 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 191219 | 52.292 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 135710 | 54.627 | ng | 98     |

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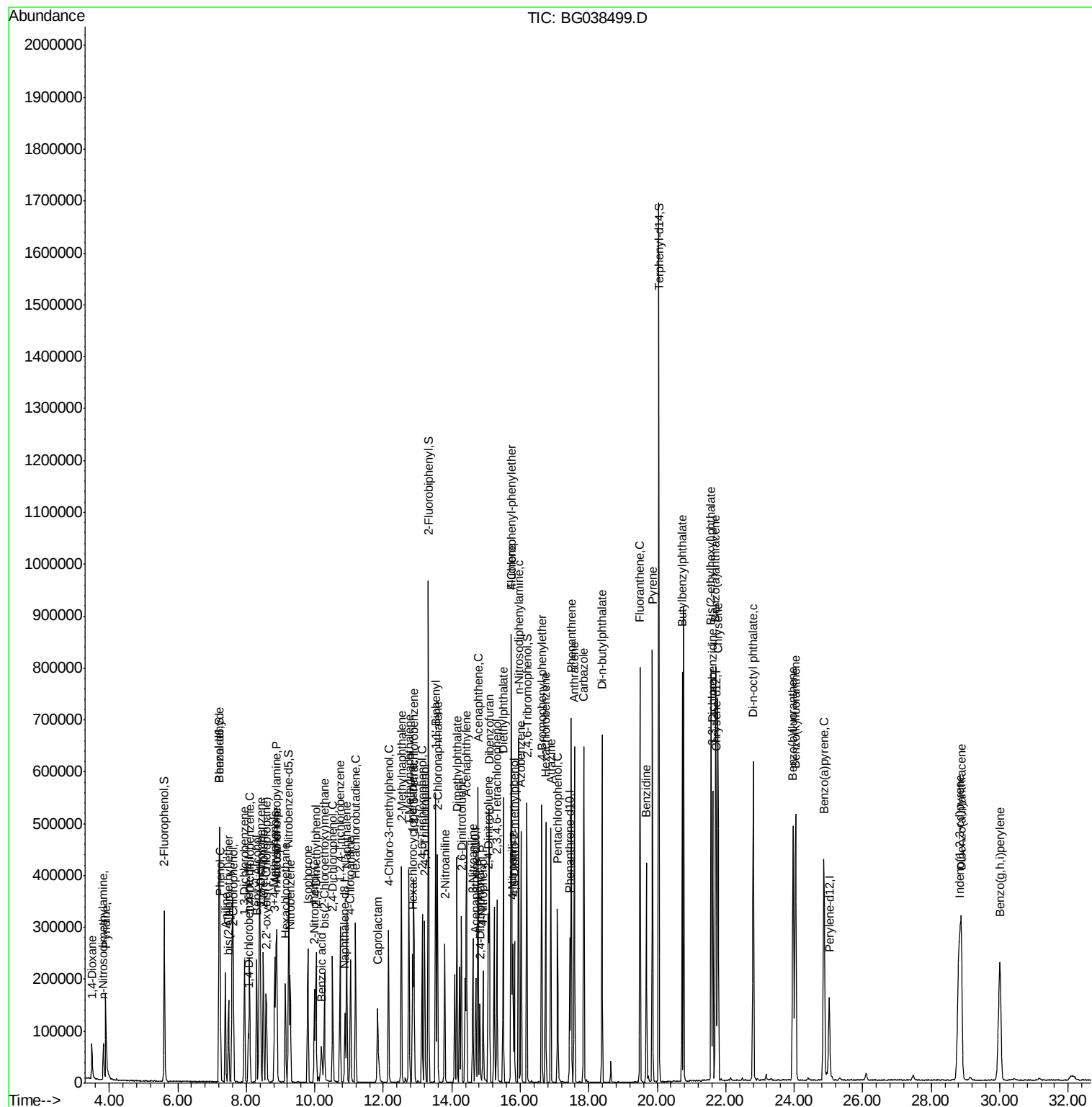
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 76194    | 55.811 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 85912    | 53.385 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 92377    | 54.185 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 299379   | 49.057 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 230416   | 50.035 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 76759    | 49.683 | ng    | 94       |
| 49) Acenaphthylene             | 14.43 | 152  | 348407   | 50.234 | ng    | 97       |
| 50) Dimethylphthalate          | 14.15 | 163  | 295524   | 51.033 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 68147    | 51.517 | ng    | 95       |
| 52) Acenaphthene               | 14.76 | 154  | 209103   | 49.455 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 71285    | 50.037 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 37599    | 51.852 | ng    | 97       |
| 55) Dibenzofuran               | 15.10 | 168  | 355686   | 50.885 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 53753    | 47.764 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 96190    | 52.723 | ng    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 264692   | 51.398 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 80132    | 54.118 | ng    | 99       |
| 60) Diethylphthalate           | 15.50 | 149  | 313267   | 48.829 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 165478   | 53.496 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 72648    | 51.846 | ng    | 99       |
| 63) Azobenzene                 | 16.03 | 77   | 267192   | 47.588 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 63976    | 54.923 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 260682   | 52.144 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 109057   | 56.805 | ng    | 93       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 113718   | 57.426 | ng    | 98       |
| 69) Atrazine                   | 16.89 | 200  | 96160    | 51.548 | ng    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 68674    | 50.632 | ng    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 452764   | 50.854 | ng    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 449305   | 52.112 | ng    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 445851   | 52.102 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 510919   | 51.108 | ng    | 99       |
| 75) Fluoranthene               | 19.50 | 202  | 551656   | 53.034 | ng    | 97       |
| 77) Benzidine                  | 19.68 | 184  | 253805   | 43.458 | ng    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 556898   | 45.989 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 232313   | 47.699 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 535117   | 50.307 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 216848   | 52.405 | ng    | 96       |
| 83) Chrysene                   | 21.77 | 228  | 507767   | 50.444 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 328710   | 47.617 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 552346   | 46.663 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.81 | 276  | 618481   | 54.064 | ng    | # 89     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 545989   | 50.568 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 520518   | 48.404 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 516032   | 49.272 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.87 | 278  | 516204   | 51.968 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.00 | 276  | 506799   | 51.425 | ng    | 98       |

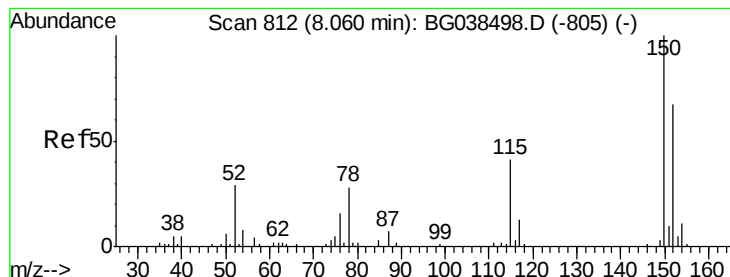
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

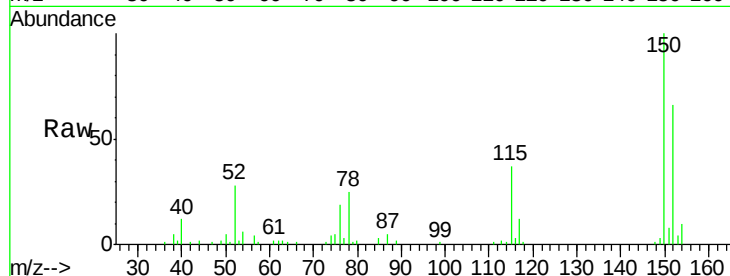
Tgt Ion:152 Resp: 27073

Ion Ratio Lower Upper

152 100

150 150.5 119.5 179.3

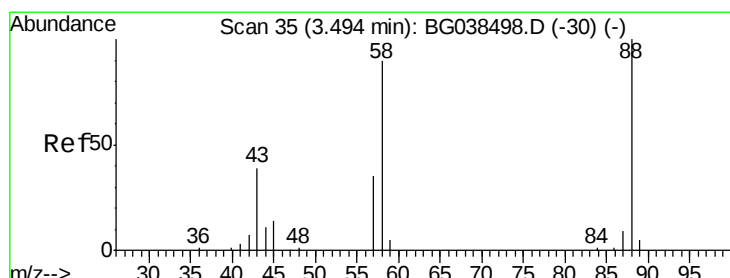
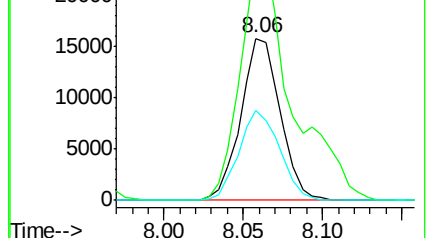
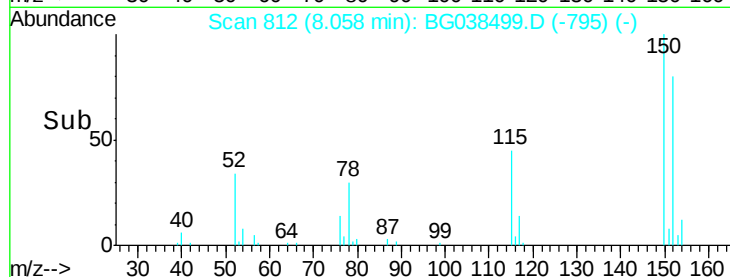
115 55.7 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.061 ng

RT: 3.49 min Scan# 35

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

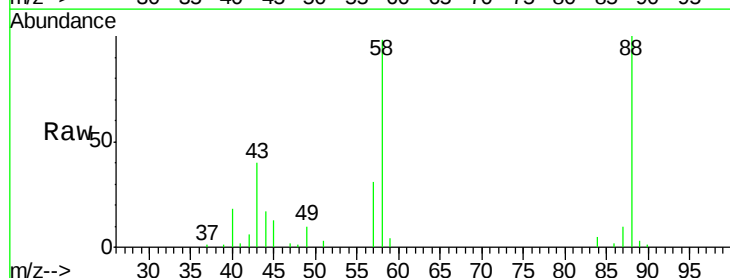
Tgt Ion: 88 Resp: 35802

Ion Ratio Lower Upper

88 100

58 96.2 75.7 113.5

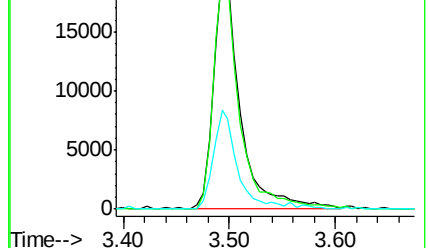
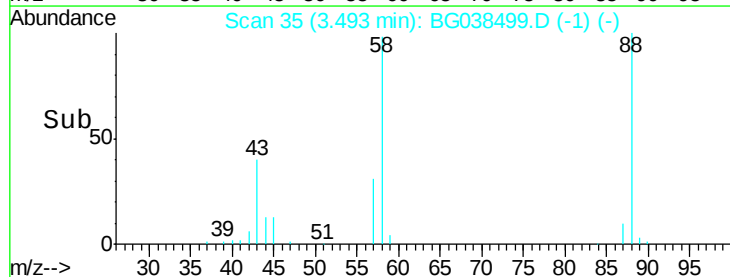
43 38.5 31.6 47.4

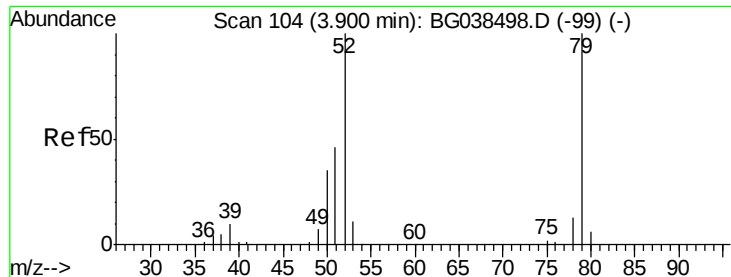


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 45.560 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

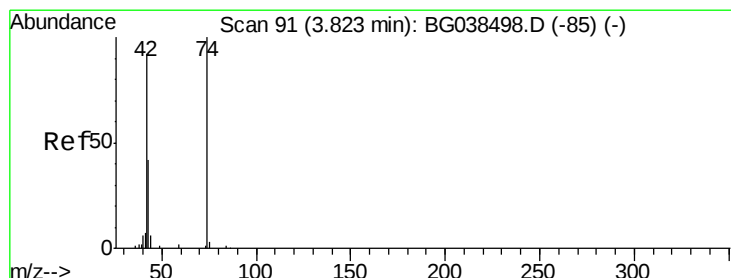
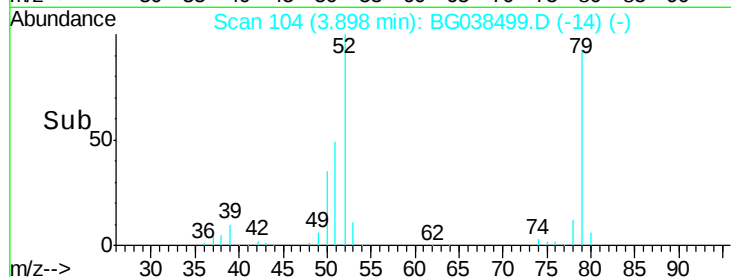
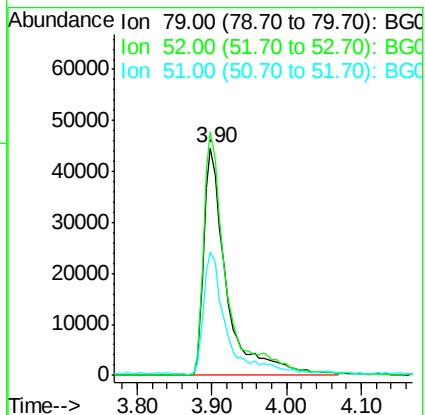
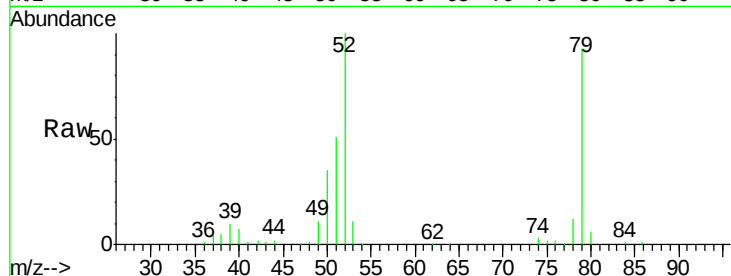
Tgt Ion: 79 Resp: 95570

Ion Ratio Lower Upper

79 100

52 107.2 80.2 120.2

51 54.3 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 51.544 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

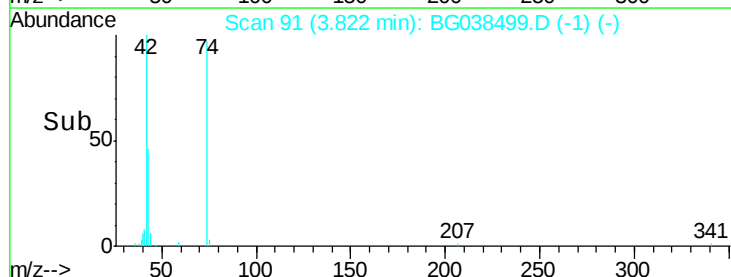
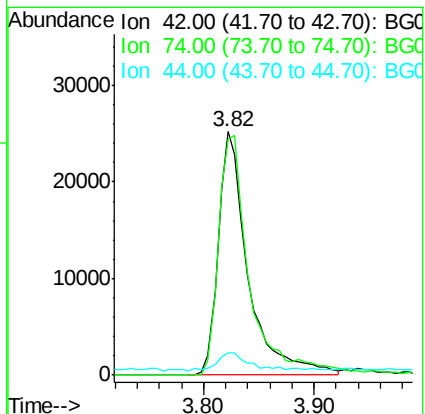
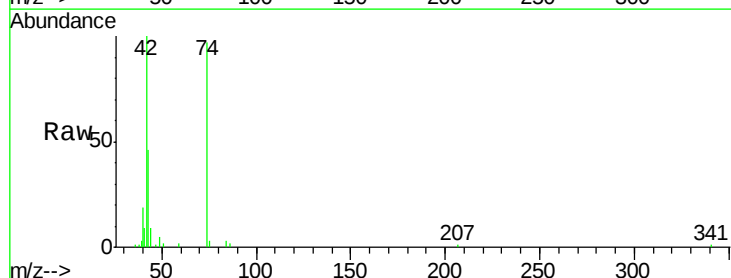
Tgt Ion: 42 Resp: 47361

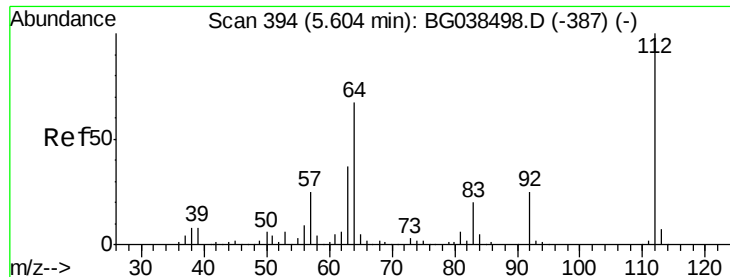
Ion Ratio Lower Upper

42 100

74 96.8 86.7 130.1

44 9.0 7.8 11.8





#5

2-Fluorophenol

Concen: 100.281 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

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Acq: 12 Dec 2018 12:19

Instrument :

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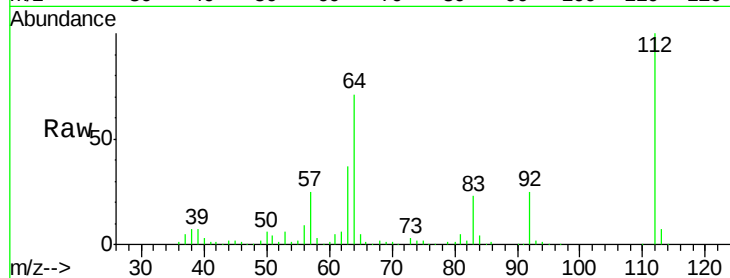
Tgt Ion: 112 Resp: 153416

Ion Ratio Lower Upper

112 100

64 70.7 53.4 80.2

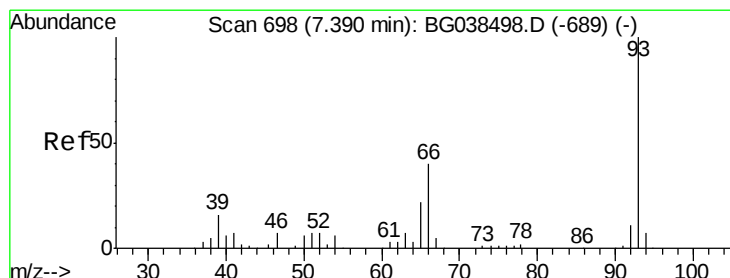
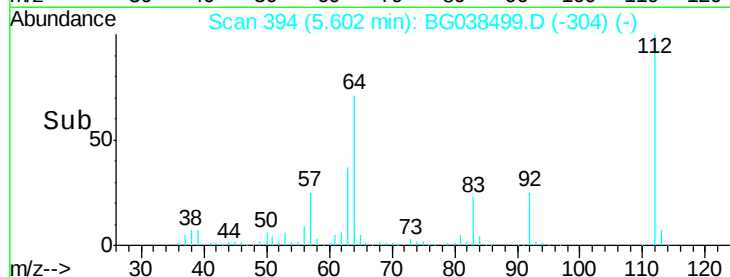
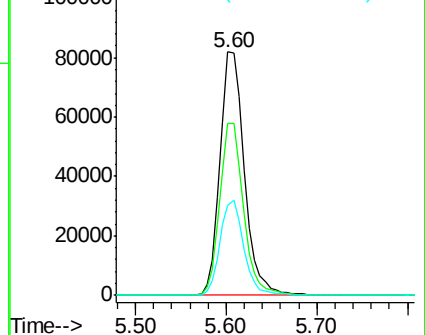
63 37.1 29.3 43.9



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: 48.152 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

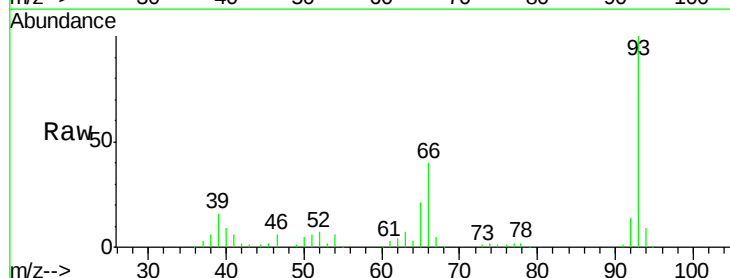
Tgt Ion: 93 Resp: 135988

Ion Ratio Lower Upper

93 100

66 39.7 31.7 47.5

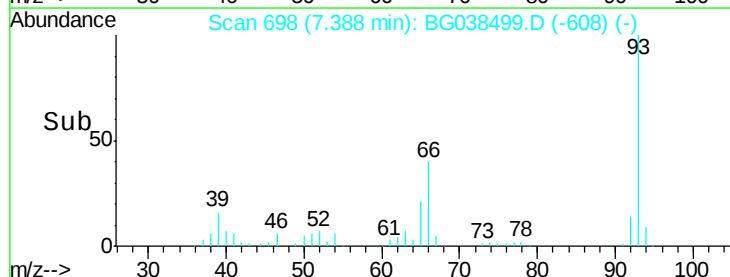
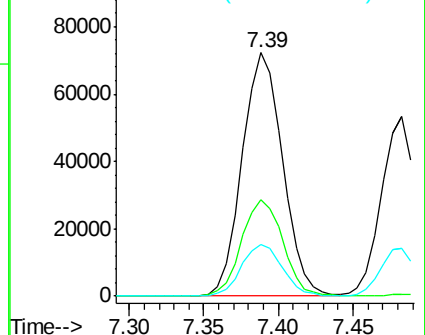
65 21.3 17.8 26.6

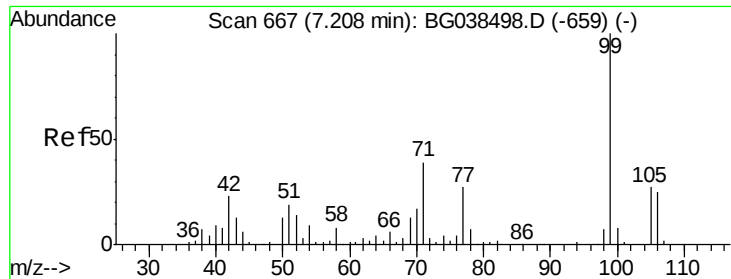


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.906 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

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ClientSampleId :

SSTDIC050

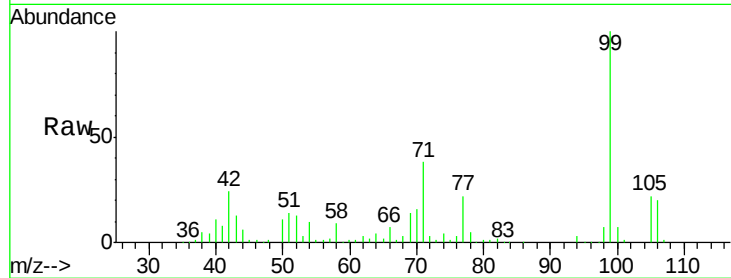
Tgt Ion: 99 Resp: 212063

Ion Ratio Lower Upper

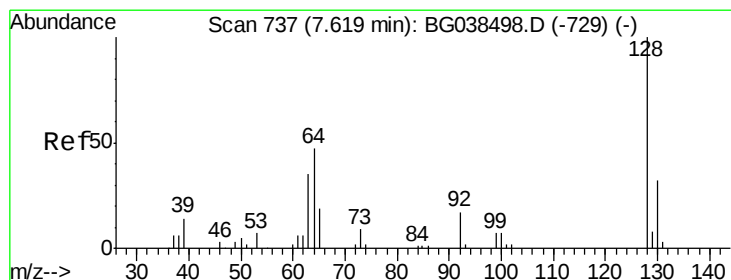
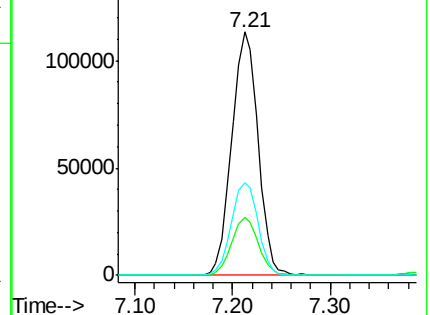
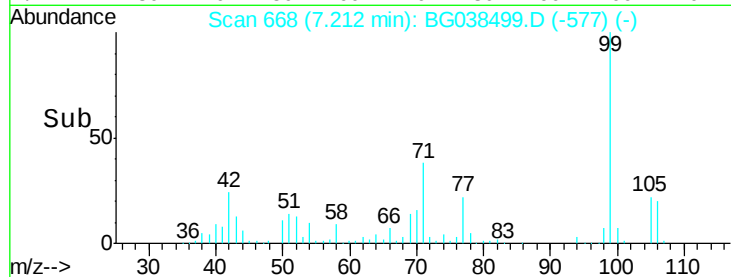
99 100

42 24.0 18.5 27.7

71 38.1 31.1 46.7



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: 50.089 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

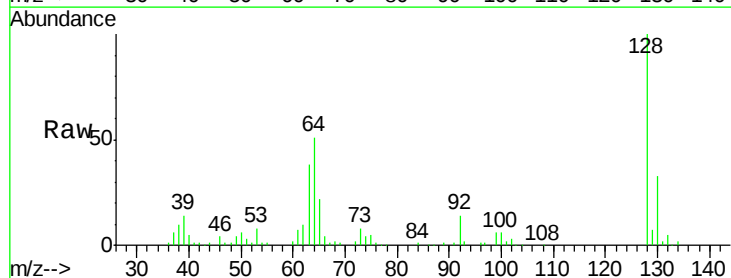
Tgt Ion: 128 Resp: 88995

Ion Ratio Lower Upper

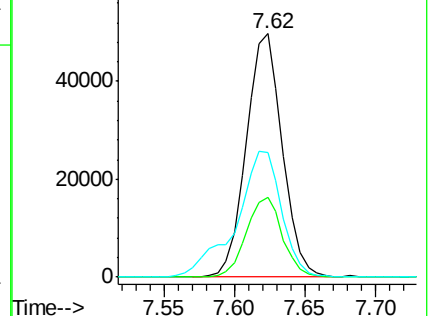
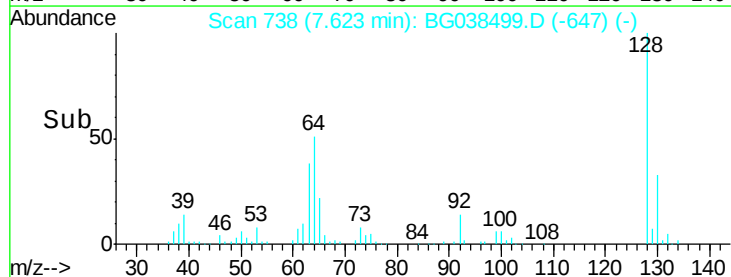
128 100

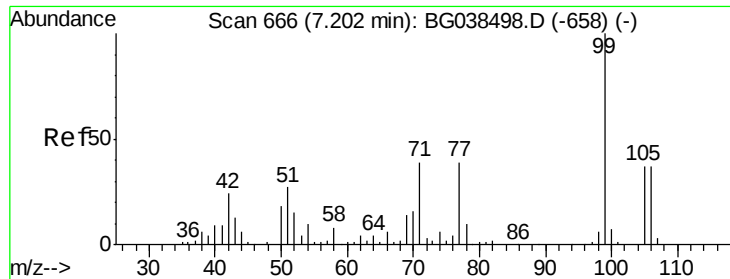
130 32.7 11.8 51.8

64 51.4 33.2 73.2



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





#9

Benzaldehyde

Concen: 43.035 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

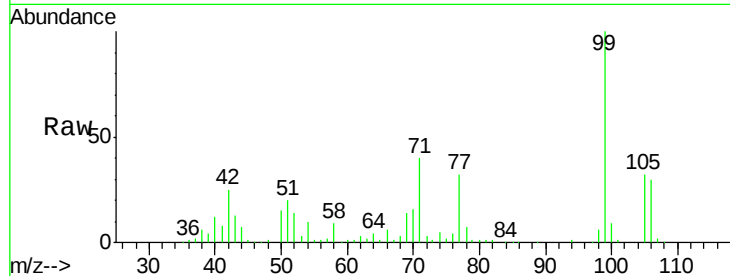
Tgt Ion: 77 Resp: 60256

Ion Ratio Lower Upper

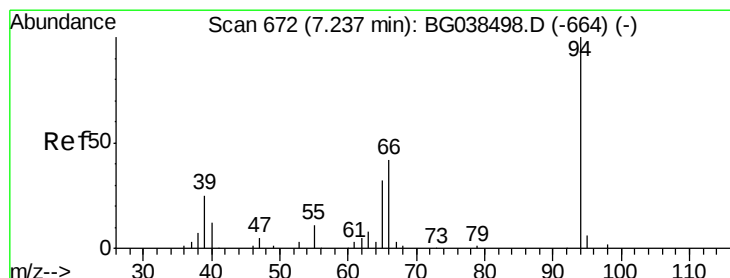
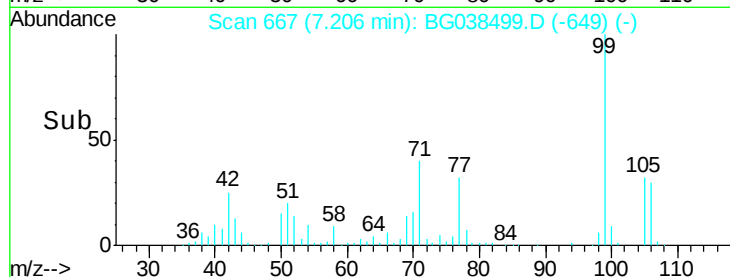
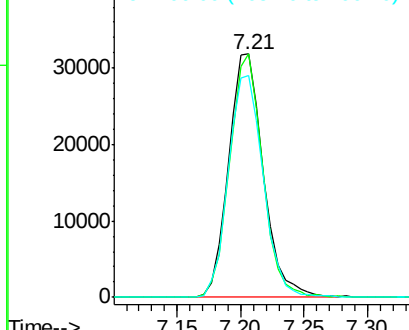
77 100

105 100.0 74.0 114.0

106 90.9 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.239 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

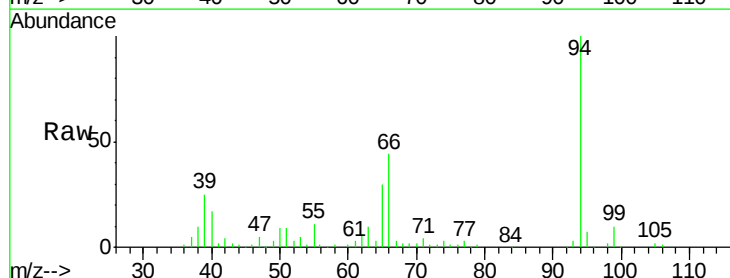
Tgt Ion: 94 Resp: 112697

Ion Ratio Lower Upper

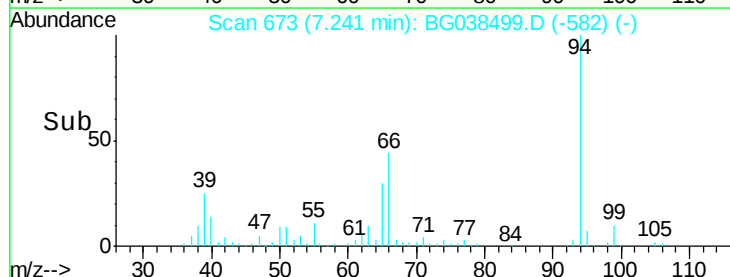
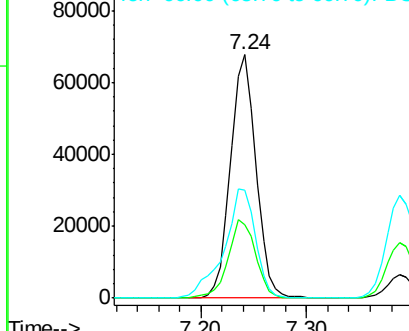
94 100

65 30.1 12.6 52.6

66 44.5 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 46.165 ng

RT: 7.48 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

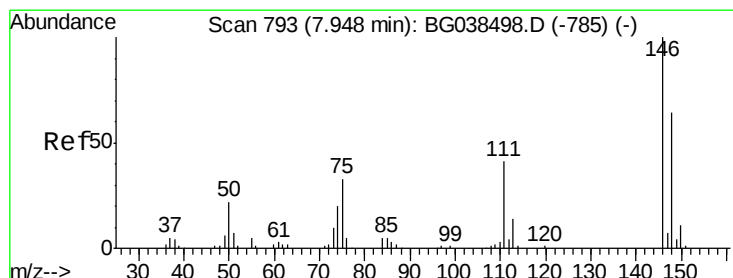
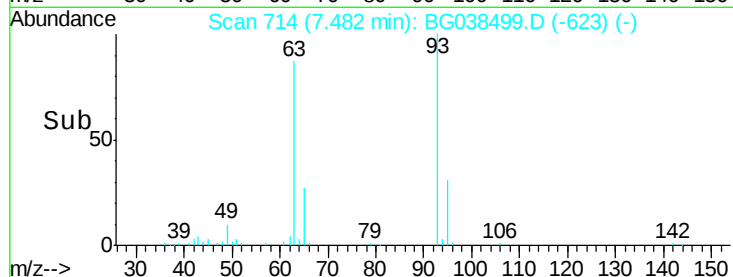
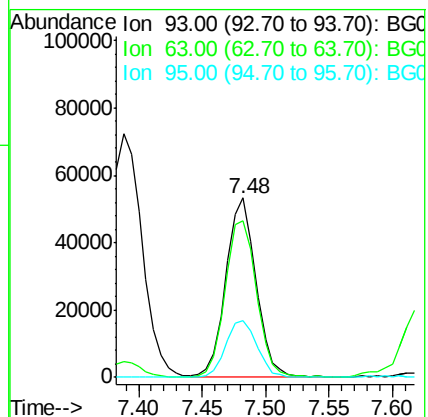
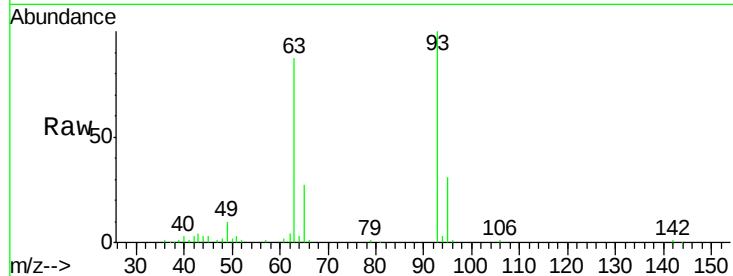
Tgt Ion: 93 Resp: 88330

Ion Ratio Lower Upper

93 100

63 87.3 72.2 112.2

95 31.4 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 50.029 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

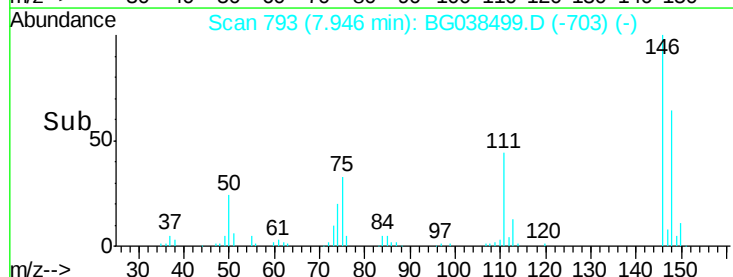
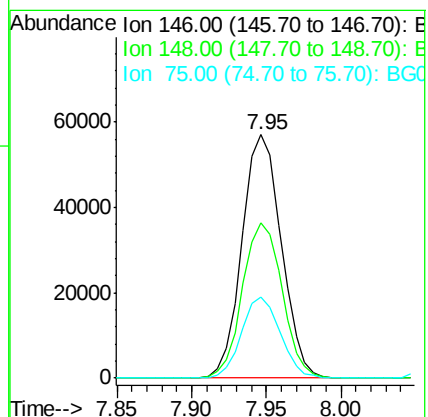
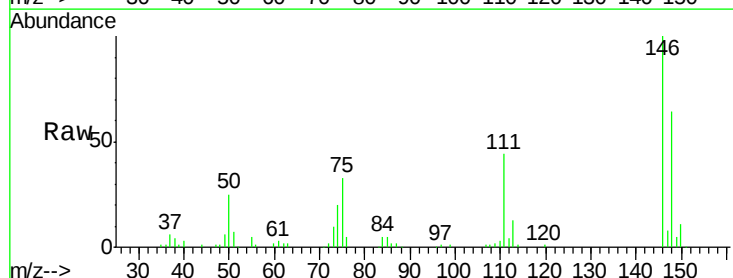
Tgt Ion: 146 Resp: 103891

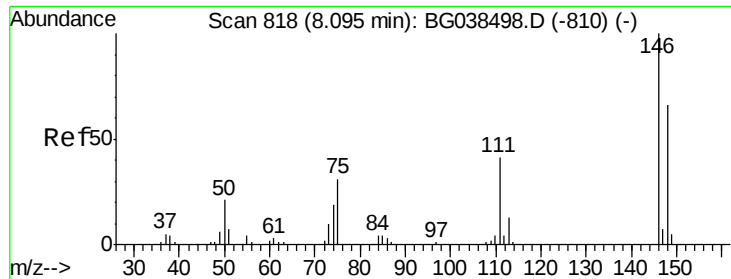
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

75 33.1 26.1 39.1

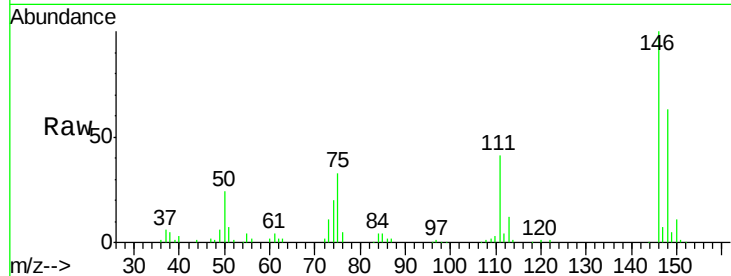




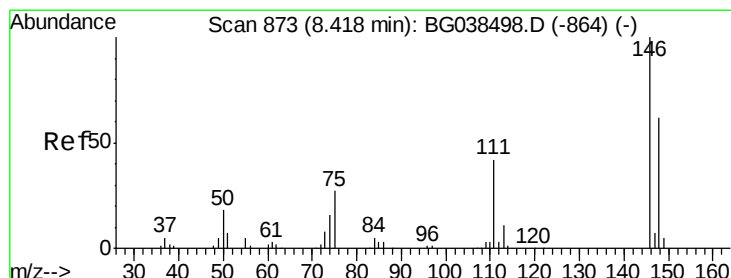
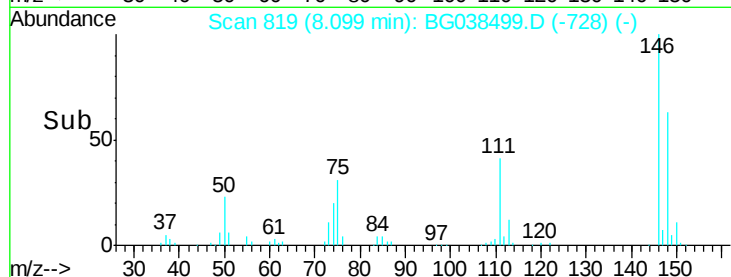
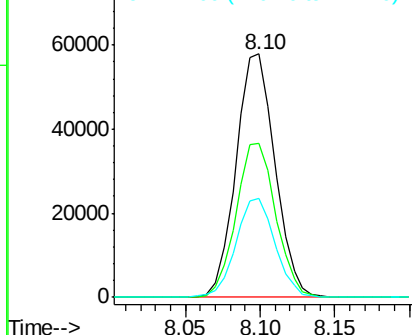
#13  
 1,4-Dichlorobenzene  
 Concen: 48.827 ng  
 RT: 8.10 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:146 Resp: 104909  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 52.4 78.6  
 111 40.9 33.0 49.4

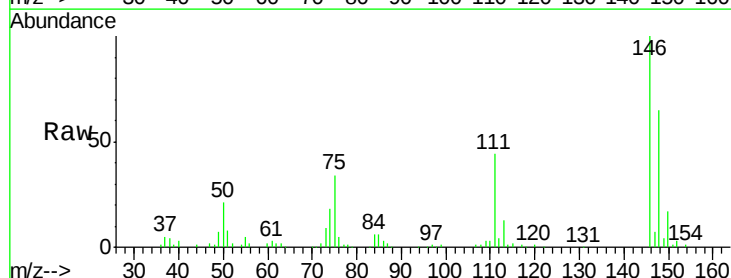


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

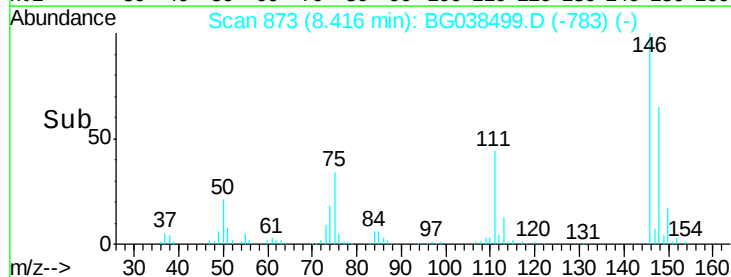
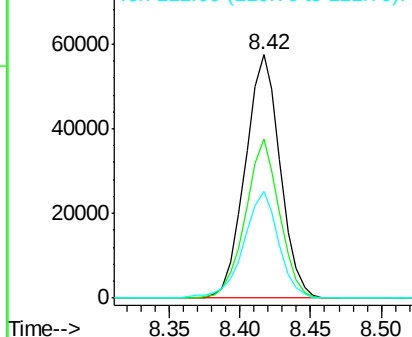


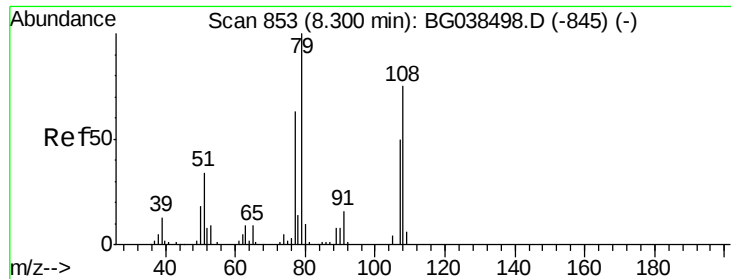
#14  
 1,2-Dichlorobenzene  
 Concen: 46.961 ng  
 RT: 8.42 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion:146 Resp: 99695  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 49.4 74.0  
 111 43.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.931 ng

RT: 8.30 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

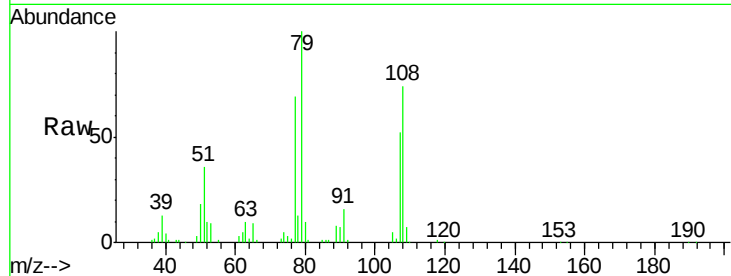
Tgt Ion: 79 Resp: 85314

Ion Ratio Lower Upper

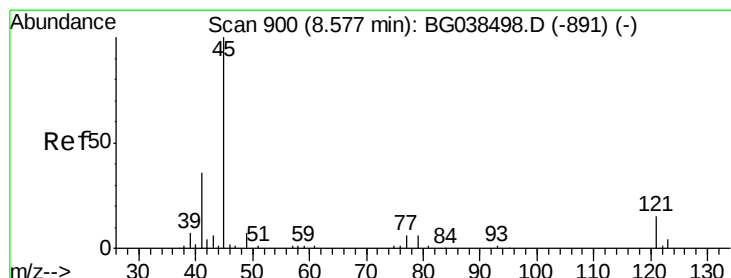
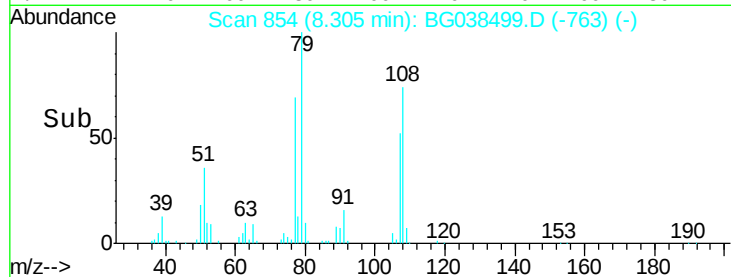
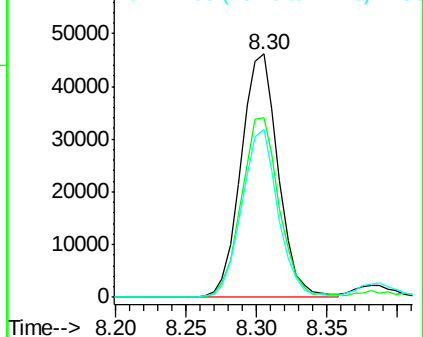
79 100

108 73.7 60.2 90.4

77 69.3 50.7 76.1



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: 45.549 ng

RT: 8.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

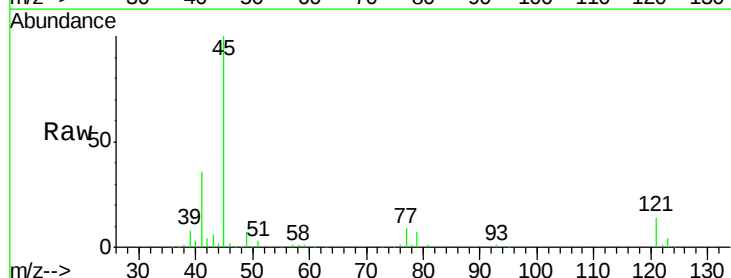
Tgt Ion: 45 Resp: 198233

Ion Ratio Lower Upper

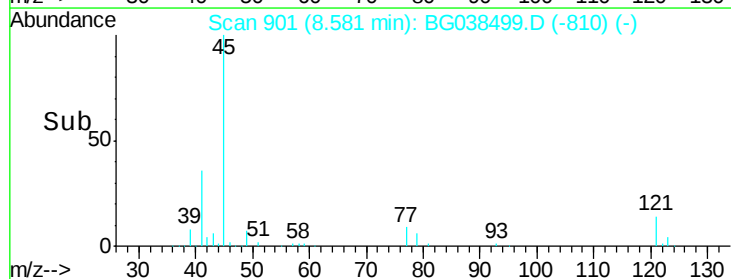
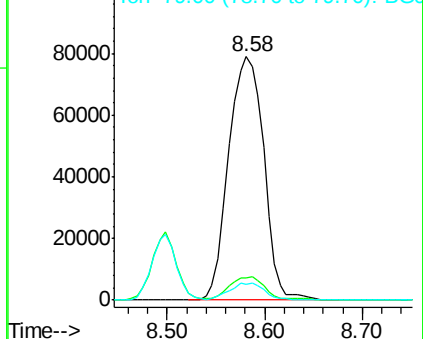
45 100

77 9.1 0.0 28.2

79 6.7 0.0 27.2



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

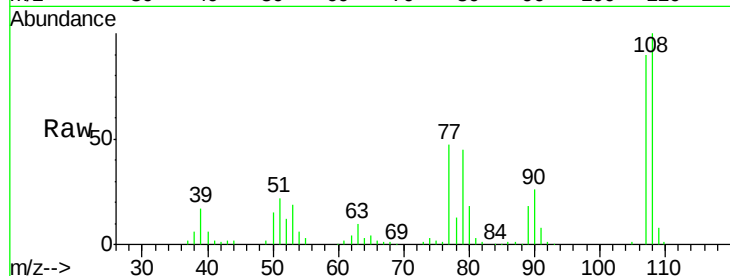




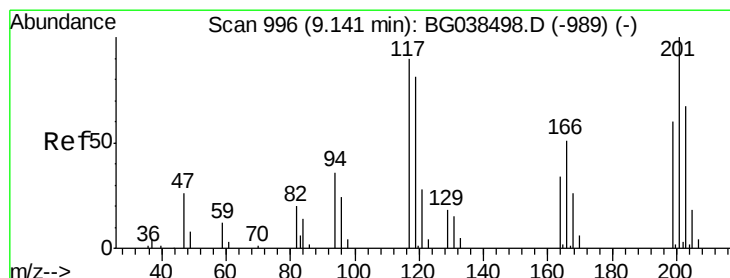
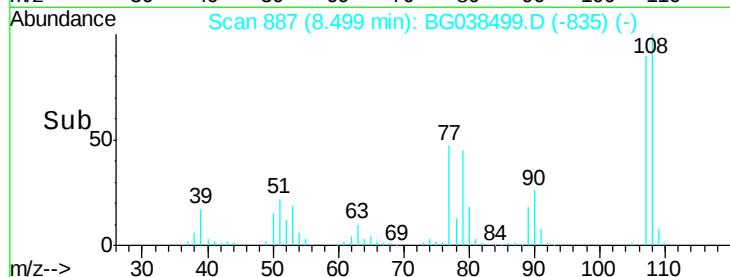
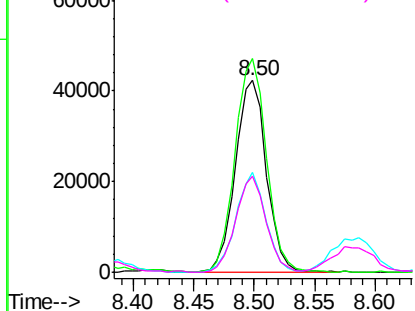
#17  
2-Methylphenol  
Concen: 42.787 ng  
RT: 8.50 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion:107 Resp: 75872  
Ion Ratio Lower Upper  
107 100  
108 111.6 87.1 130.7  
77 52.2 42.0 63.0  
79 50.0 38.2 57.2

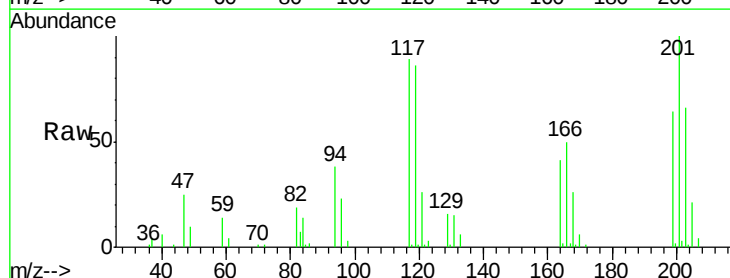


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

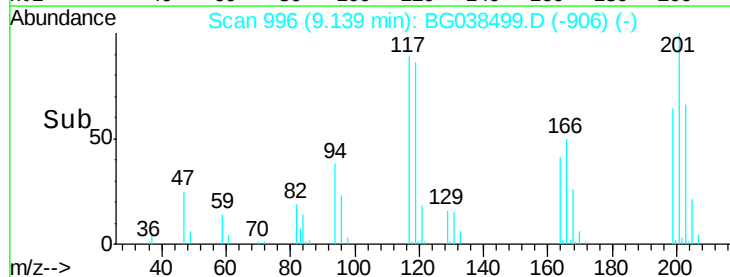
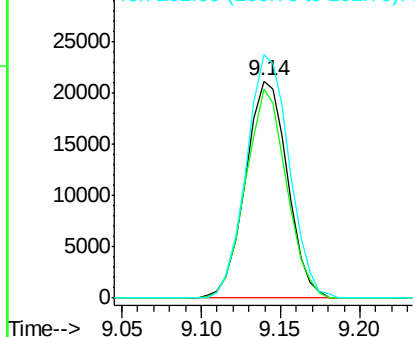


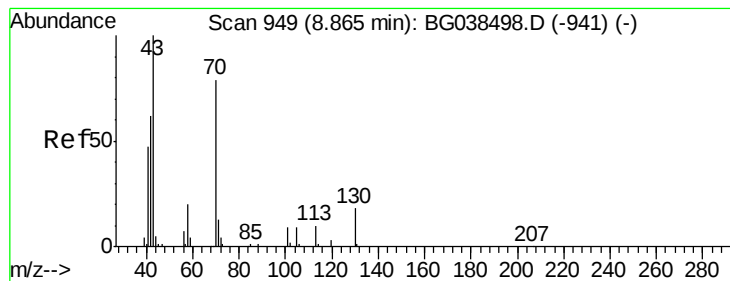
#18  
Hexachloroethane  
Concen: 50.345 ng  
RT: 9.14 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion:117 Resp: 39041  
Ion Ratio Lower Upper  
117 100  
119 96.2 73.8 110.8  
201 113.7 89.4 134.0



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: 43.182 ng

RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 73494

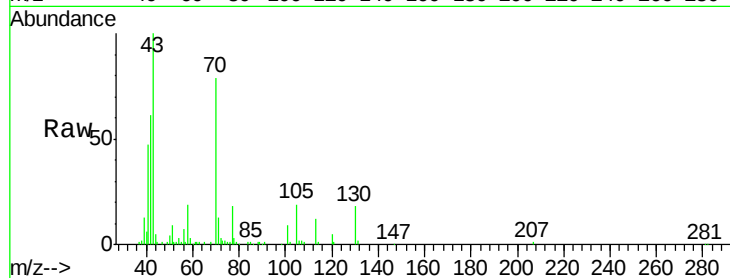
Ion Ratio Lower Upper

70 100

42 77.0 63.6 95.4

101 10.9 9.2 13.8

130 23.3 18.5 27.7

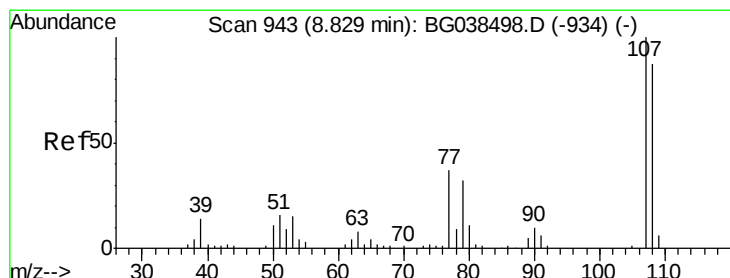
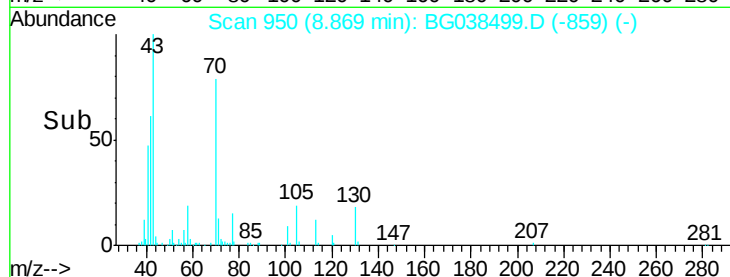
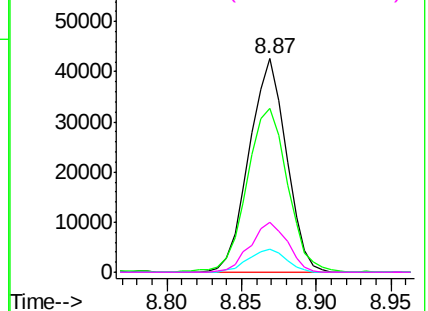


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.773 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Tgt Ion: 107 Resp: 107733

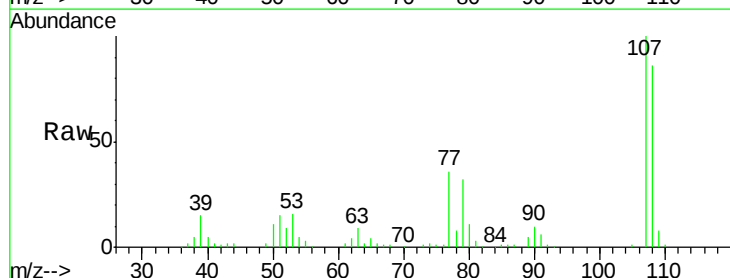
Ion Ratio Lower Upper

107 100

108 86.3 66.7 106.7

77 36.2 17.3 57.3

79 32.0 12.3 52.3

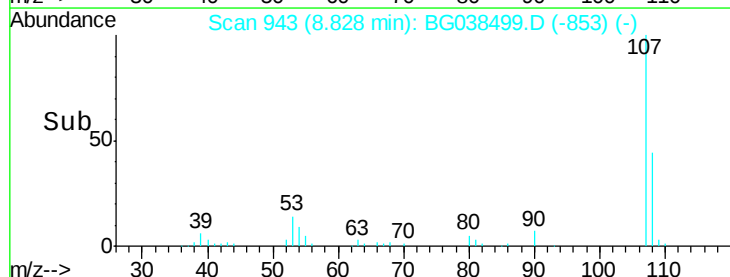
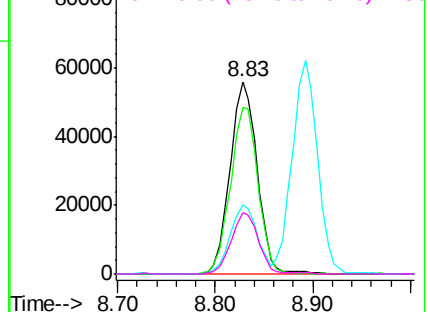


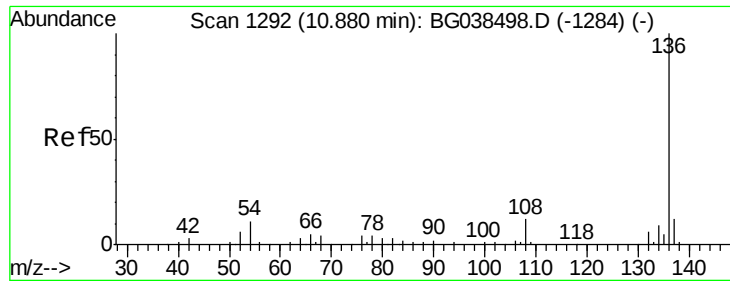
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

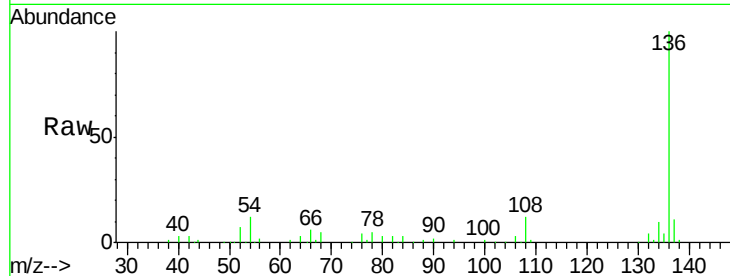




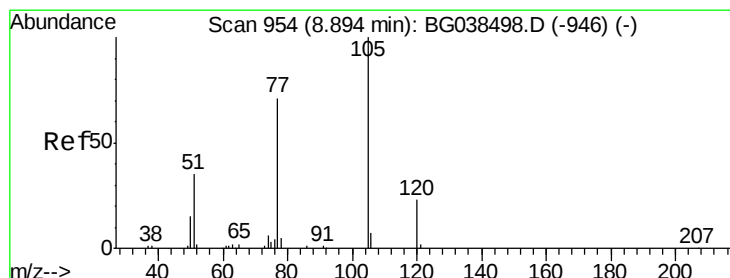
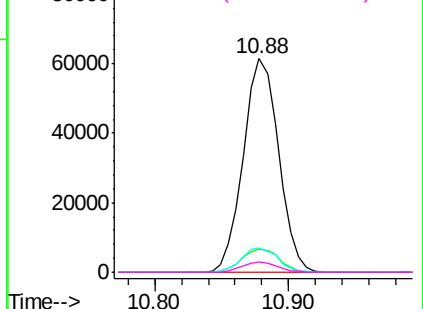
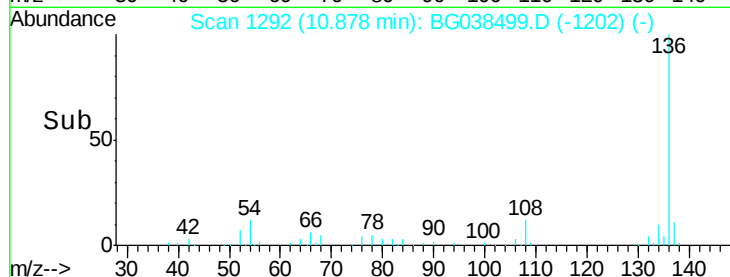
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 112235 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.3   | 13.9   |
| 54       | 11.5  | 8.5   | 12.7   |
| 68       | 4.7   | 3.5   | 5.3    |

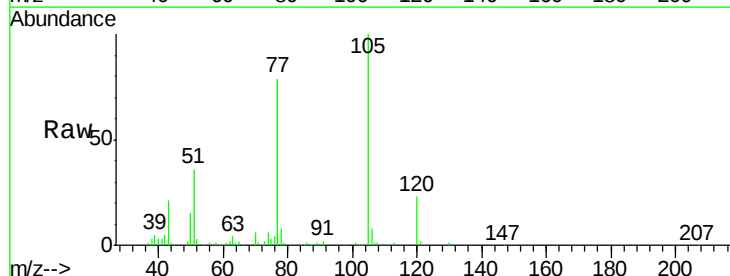


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

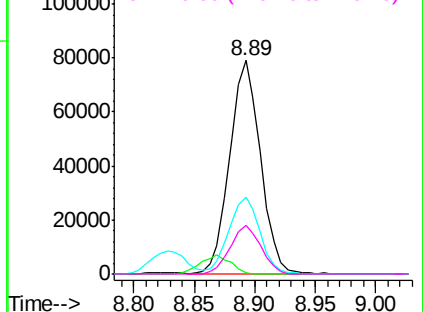
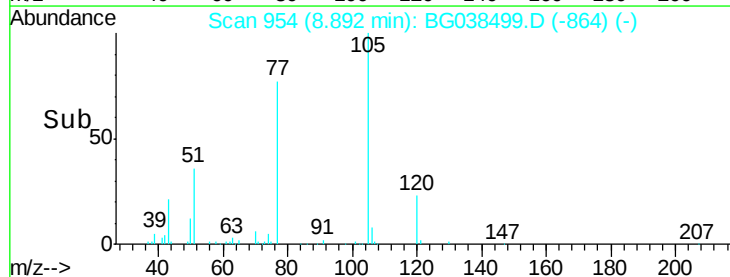


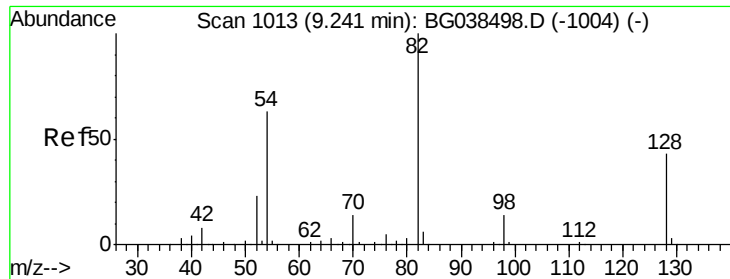
#22  
Acetophenone  
Concen: 47.762 ng  
RT: 8.89 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 140318 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.6   | 0.4   | 0.6#   |
| 51       | 36.2  | 30.6  | 46.0   |
| 120      | 23.0  | 18.6  | 28.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

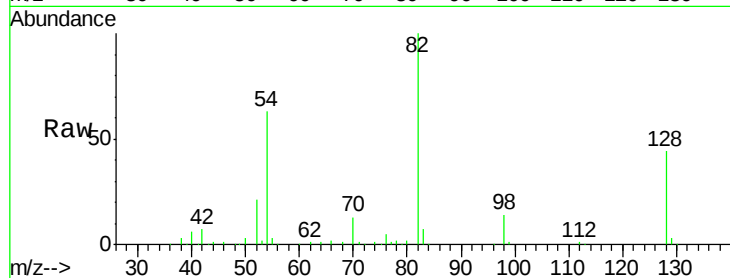




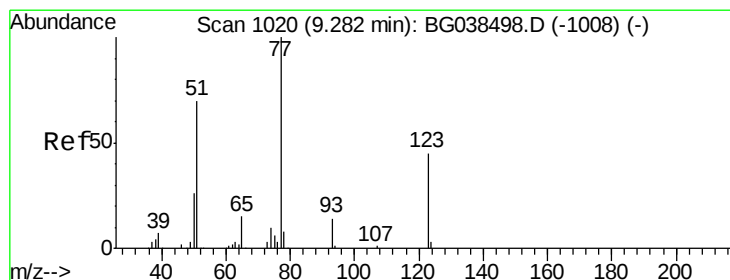
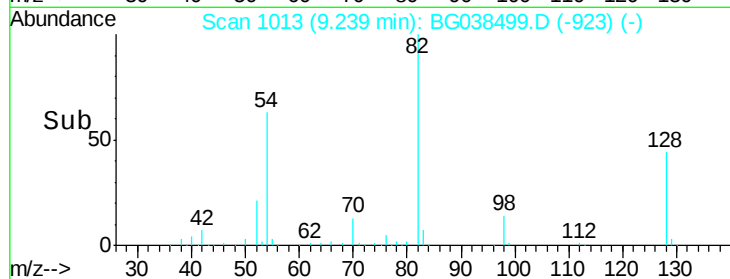
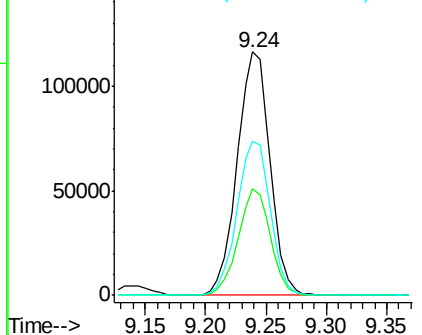
#23  
 Nitrobenzene-d5  
 Concen: 97.370 ng  
 RT: 9.24 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.0  | 34.6  | 52.0  |
| 54      | 63.4  | 50.6  | 76.0  |

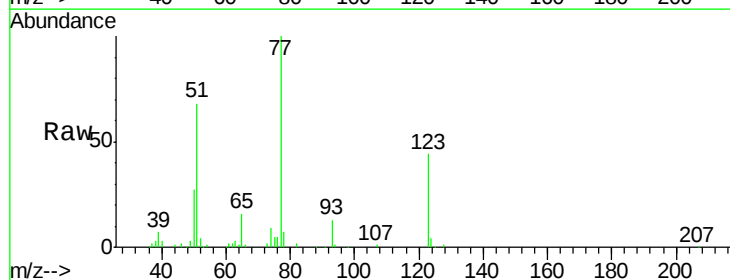


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

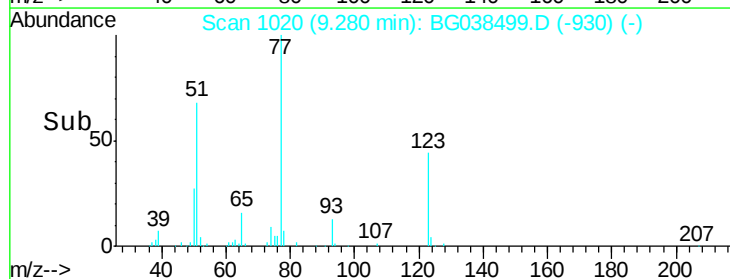
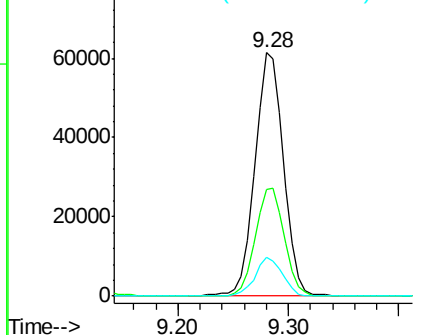


#24  
 Nitrobenzene  
 Concen: 48.534 ng  
 RT: 9.28 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.6  | 35.9  | 53.9  |
| 65      | 15.9  | 12.0  | 18.0  |



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

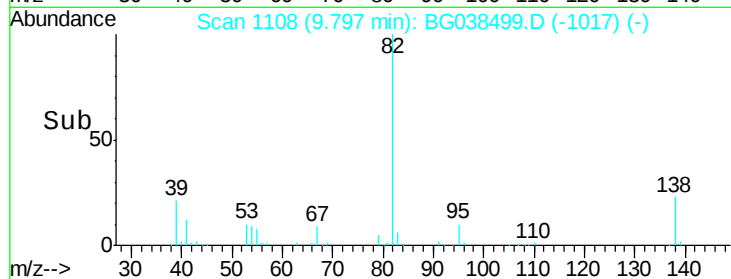
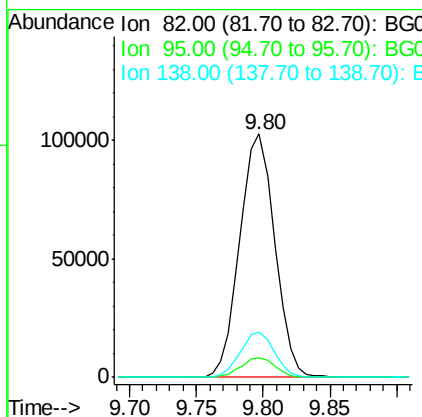
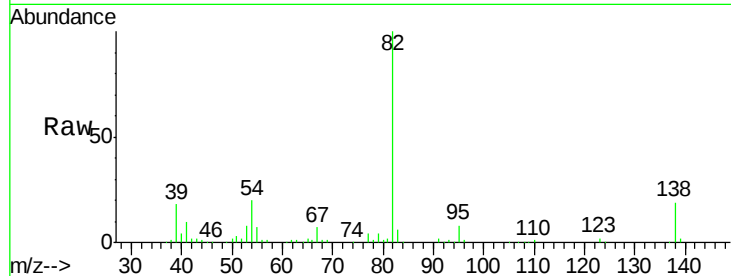




#25  
Isophorone  
Concen: 47.167 ng  
RT: 9.80 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

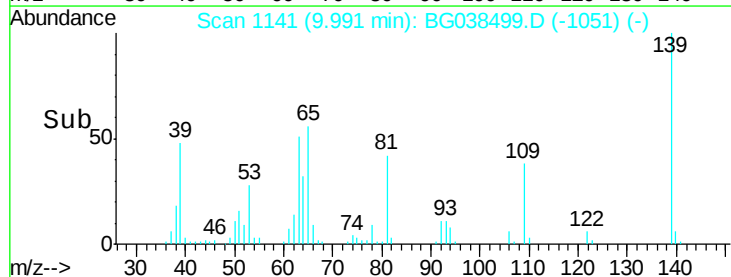
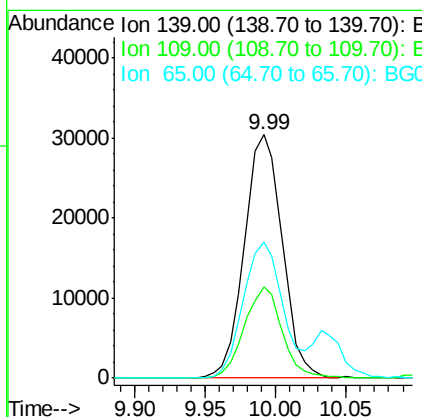
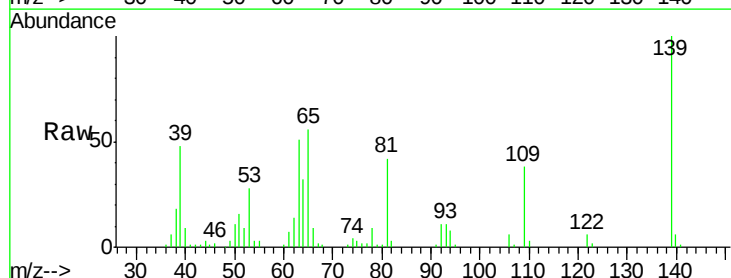
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

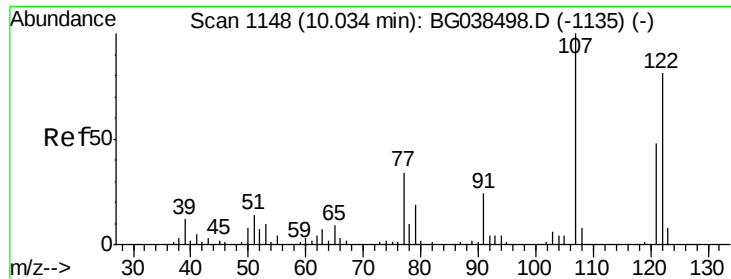
Tgt Ion: 82 Resp: 187383  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.1 9.1  
138 18.8 14.9 22.3



#26  
2-Nitrophenol  
Concen: 53.857 ng  
RT: 9.99 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion: 139 Resp: 57314  
Ion Ratio Lower Upper  
139 100  
109 37.5 29.5 44.3  
65 56.1 48.5 72.7

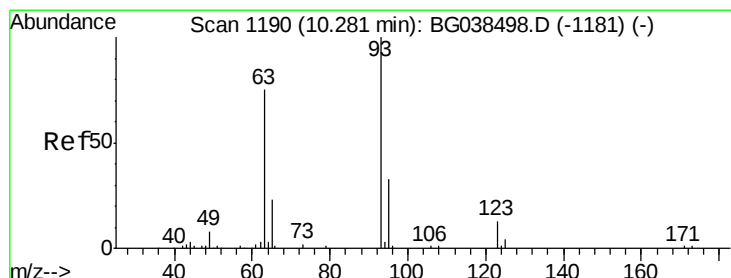
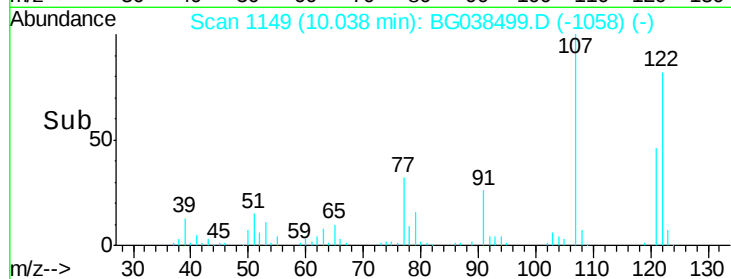
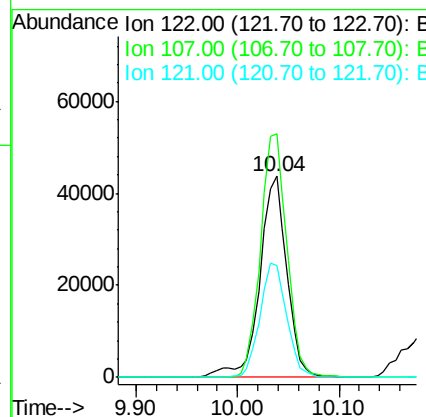
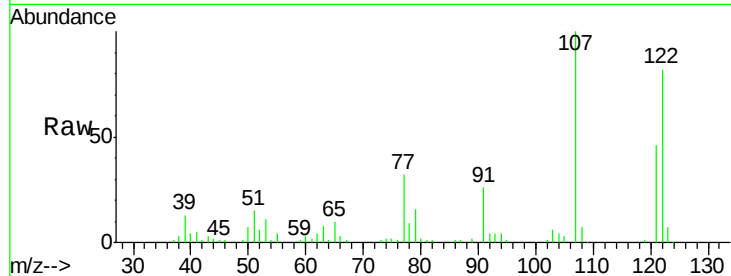




#27  
 2,4-Dimethylphenol  
 Concen: 52.839 ng  
 RT: 10.04 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

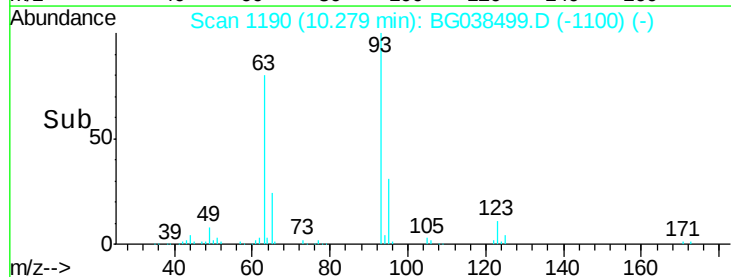
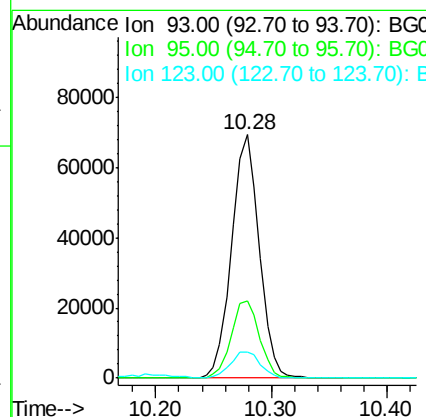
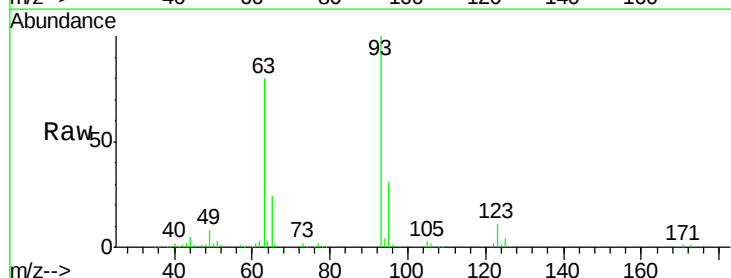
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

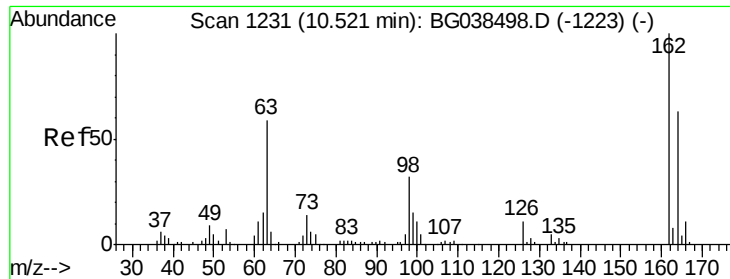
Tgt Ion:122 Resp: 80766  
 Ion Ratio Lower Upper  
 122 100  
 107 121.2 98.4 147.6  
 121 55.6 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.517 ng  
 RT: 10.28 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion: 93 Resp: 115051  
 Ion Ratio Lower Upper  
 93 100  
 95 31.5 26.6 40.0  
 123 10.9 10.6 16.0





#29

2,4-Dichlorophenol

Concen: 54.071 ng

RT: 10.52 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

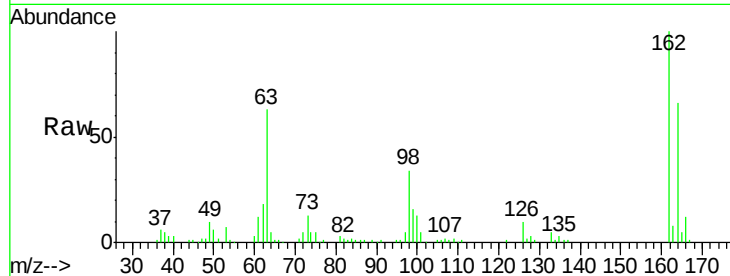
Tgt Ion:162 Resp: 94344

Ion Ratio Lower Upper

162 100

164 65.6 42.9 82.9

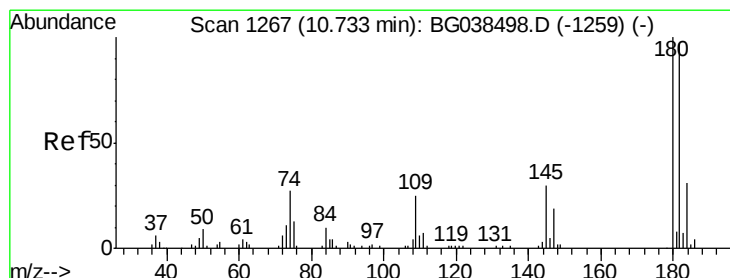
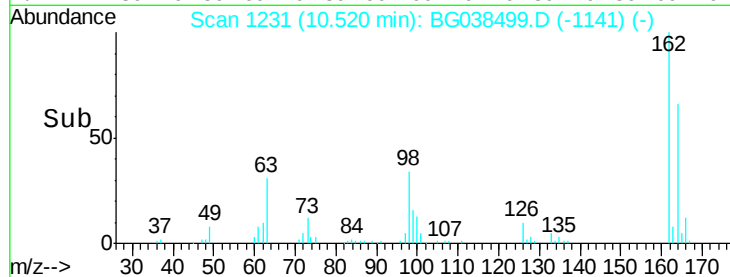
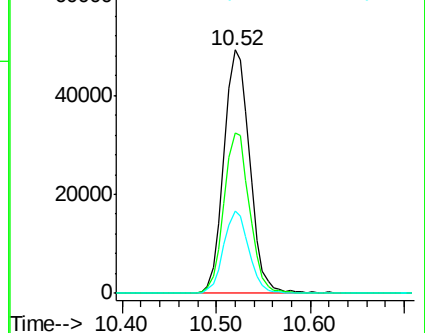
98 33.6 12.1 52.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 54.038 ng

RT: 10.74 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

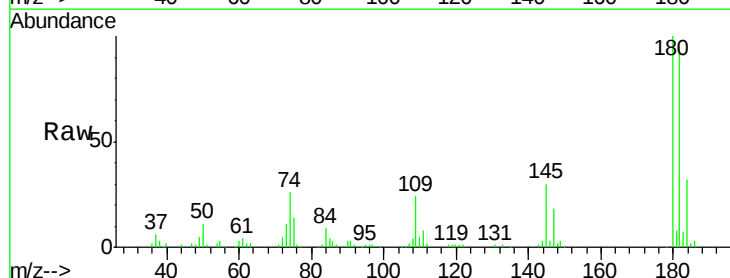
Tgt Ion:180 Resp: 110683

Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

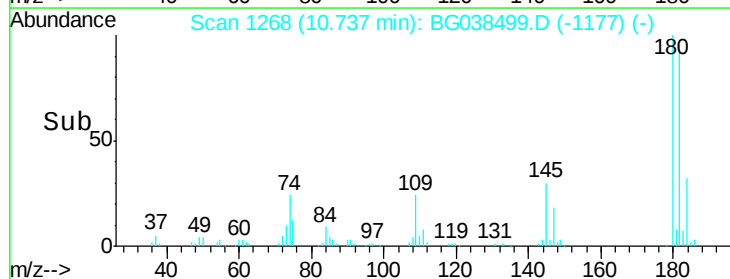
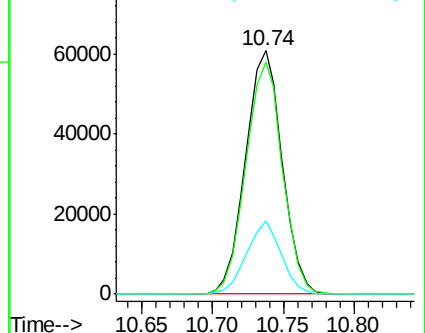
145 30.0 24.1 36.1

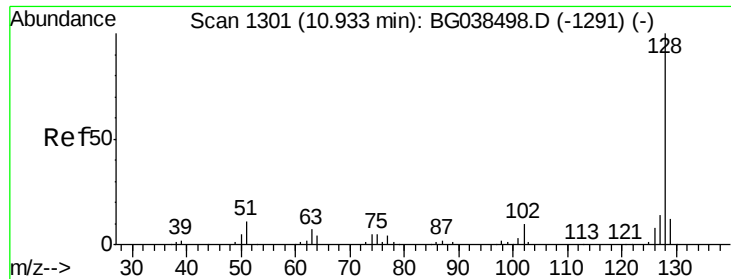


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

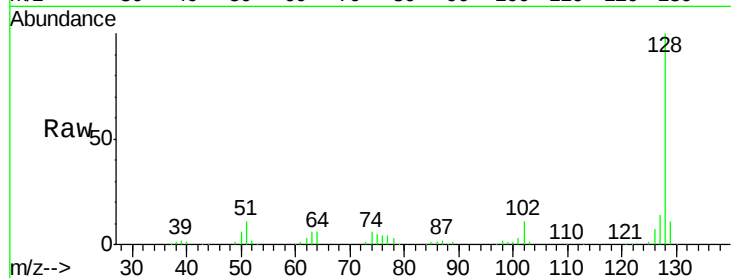




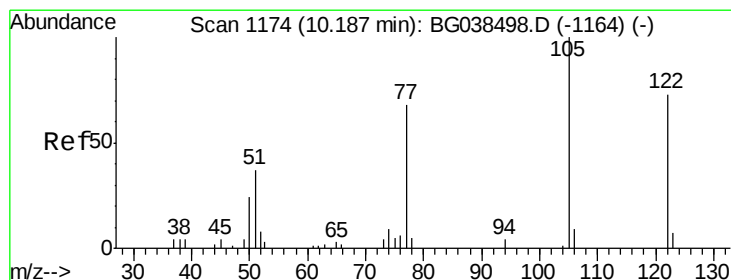
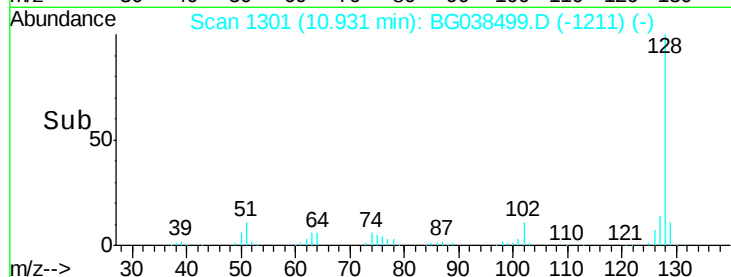
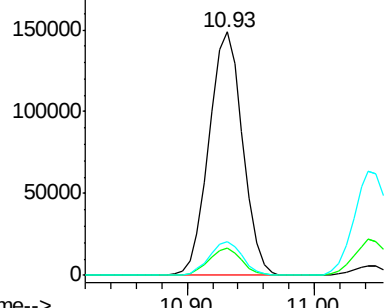
#31  
Naphthalene  
Concen: 51.019 ng  
RT: 10.93 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion:128 Resp: 273523  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.5 14.3  
127 13.8 10.9 16.3

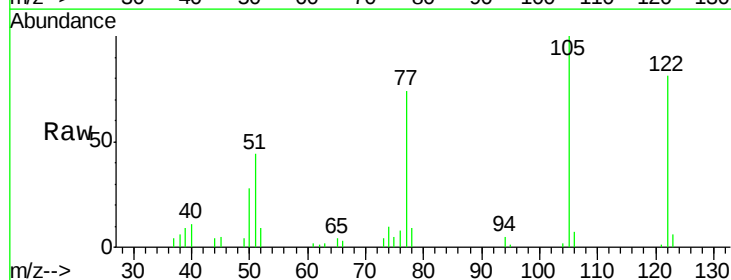


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

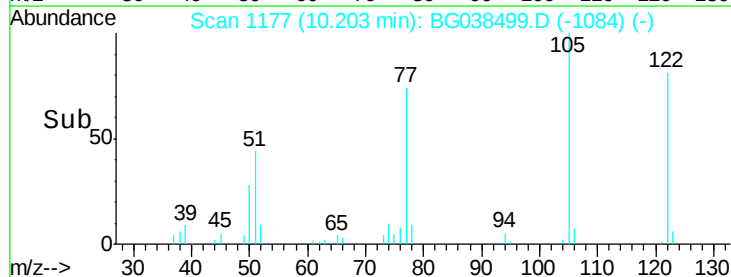
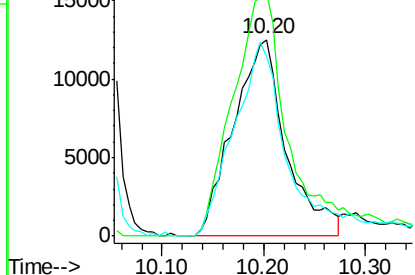


#32  
Benzoic acid  
Concen: 45.485 ng  
RT: 10.20 min Scan# 1177  
Delta R.T. 0.02 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion:122 Resp: 45281  
Ion Ratio Lower Upper  
122 100  
105 124.0 116.7 156.7  
77 91.3 72.5 112.5



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

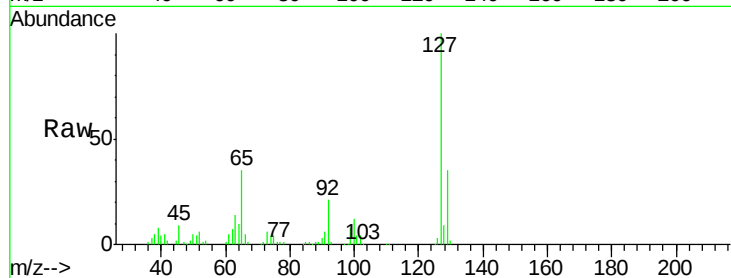




#33  
4-Chloroaniline  
Concen: 52.385 ng  
RT: 11.04 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.1  | 25.8  | 38.8  |
| 65      | 35.0  | 27.8  | 41.6  |
| 92      | 21.3  | 17.0  | 25.6  |



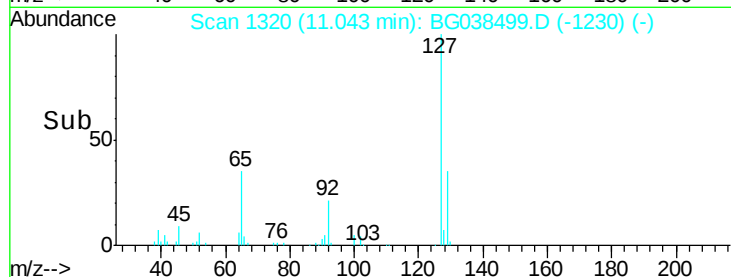
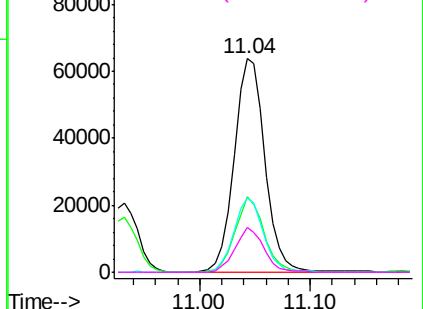
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

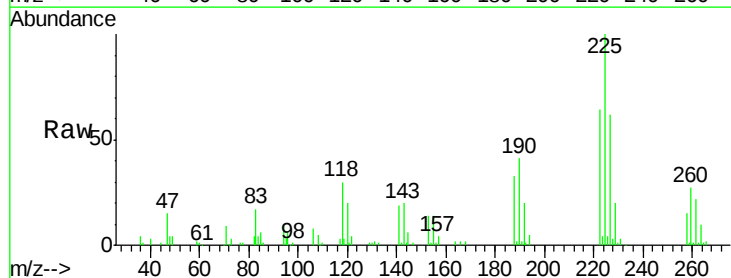
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 58.780 ng  
RT: 11.19 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 67.4  | 45.0  | 67.6  |
| 227     | 65.3  | 50.6  | 75.8  |

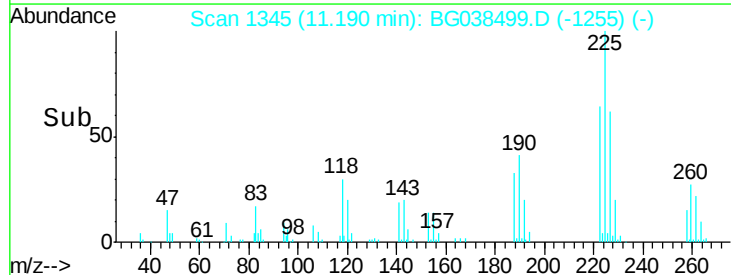
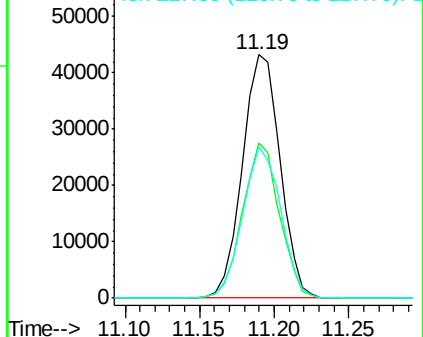


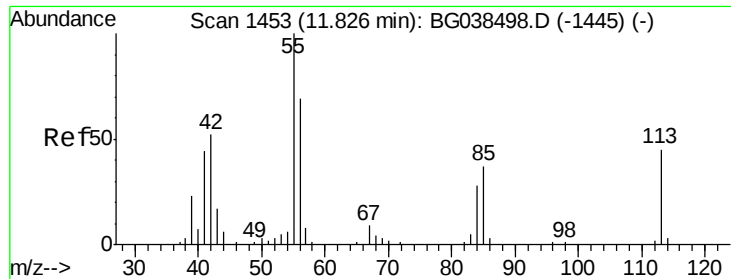
Abundance

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

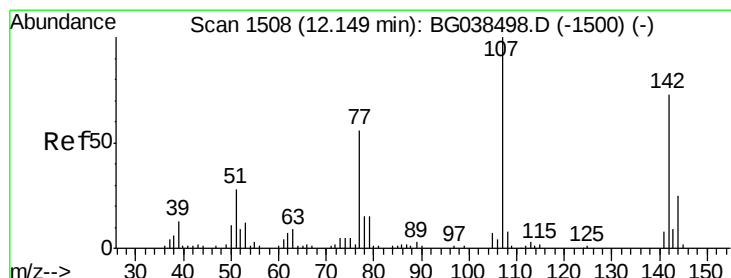
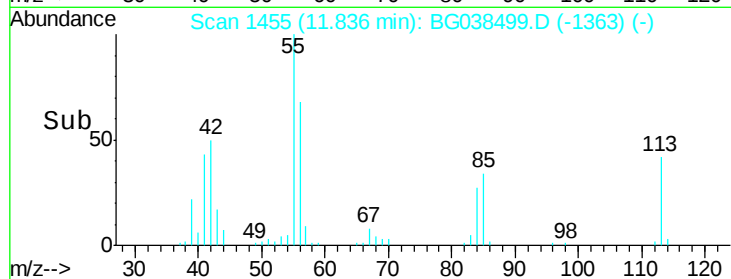
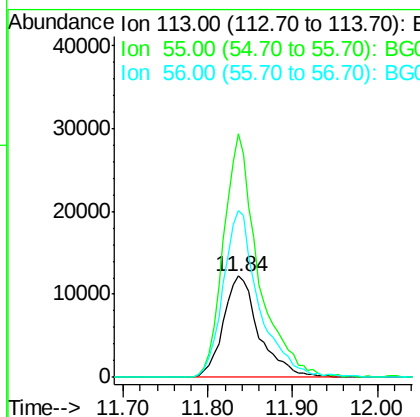
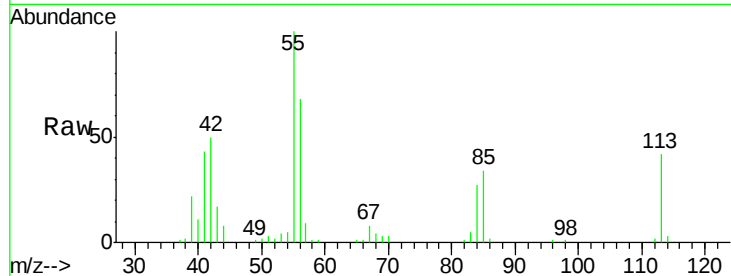




#35  
 Caprolactam  
 Concen: 49.488 ng  
 RT: 11.84 min Scan# 1455  
 Delta R.T. 0.01 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

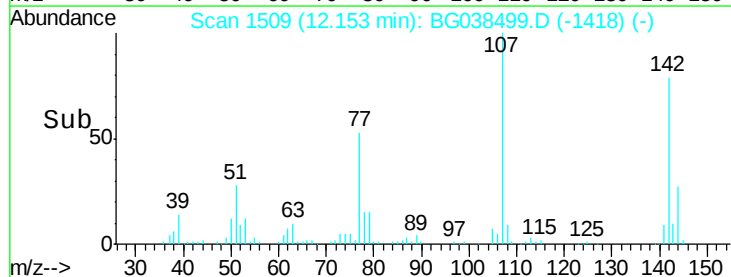
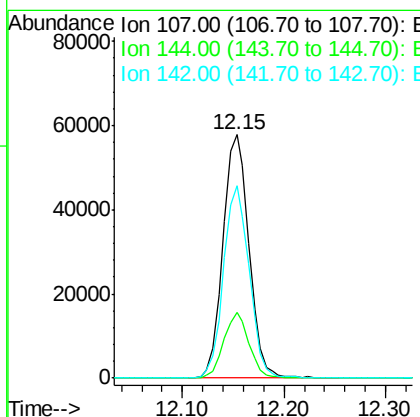
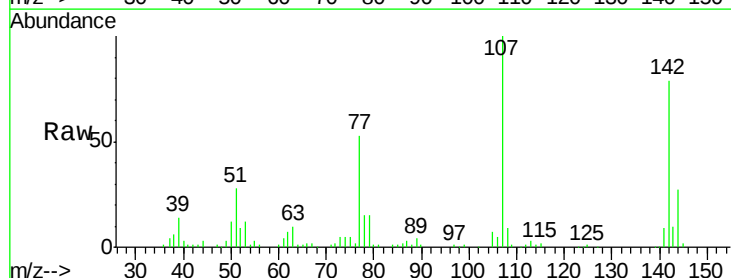
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

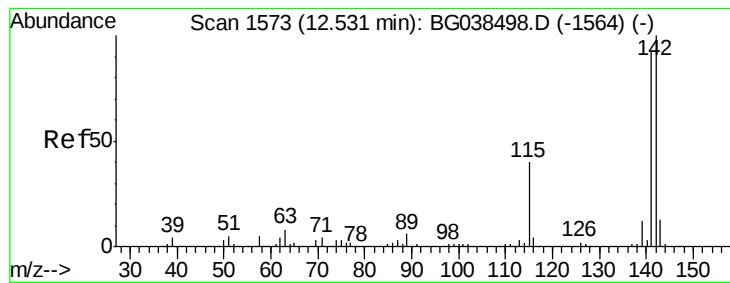
Tgt Ion:113 Resp: 35708  
 Ion Ratio Lower Upper  
 113 100  
 55 240.4 204.3 244.3  
 56 164.4 135.0 175.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.942 ng  
 RT: 12.15 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion:107 Resp: 102636  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 20.1 30.1  
 142 78.9 58.7 88.1





#37

2-Methylnaphthalene

Concen: 51.862 ng

RT: 12.53 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

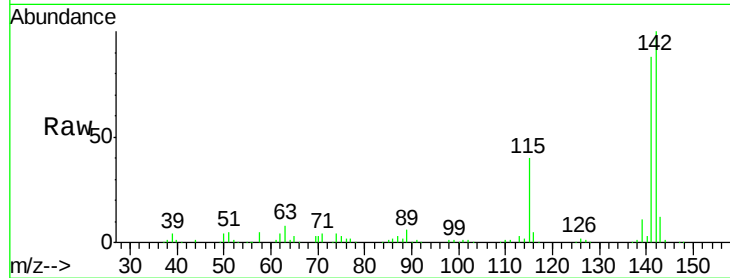
Tgt Ion:142 Resp: 198009

Ion Ratio Lower Upper

142 100

141 87.5 73.5 110.3

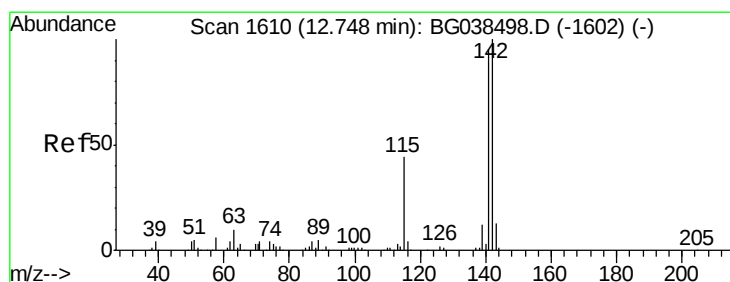
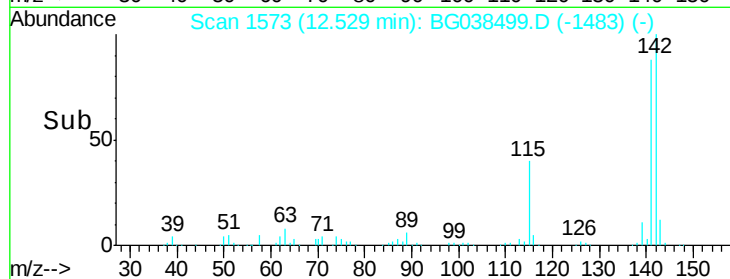
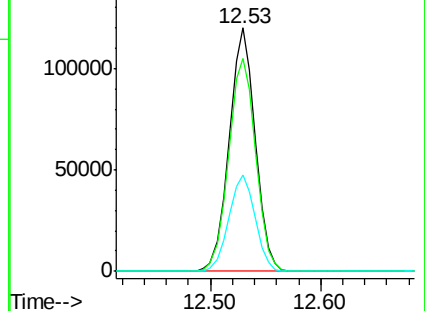
115 39.7 31.7 47.5



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: 52.292 ng

RT: 12.75 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

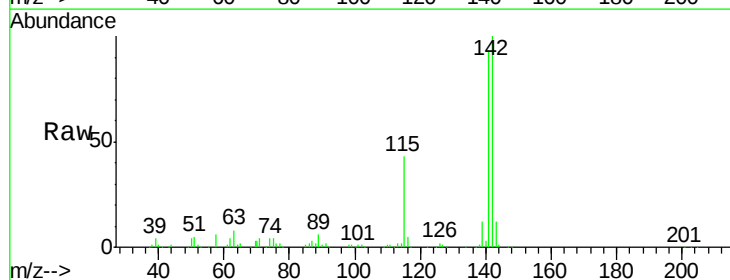
Tgt Ion:142 Resp: 191219

Ion Ratio Lower Upper

142 100

141 92.6 75.8 113.8

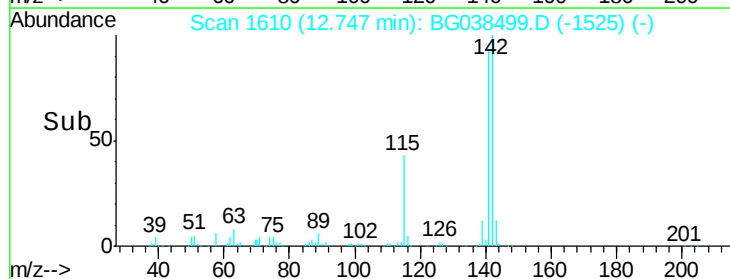
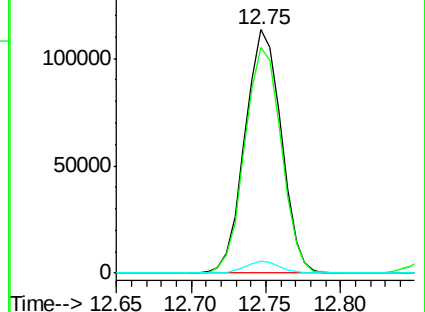
116 4.8 3.6 5.4



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: 14.70 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

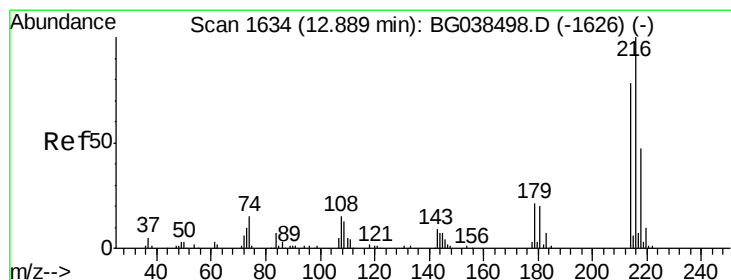
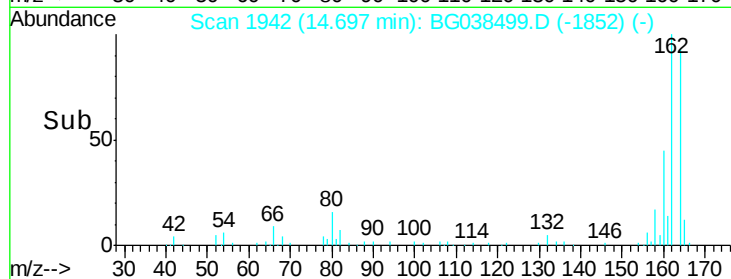
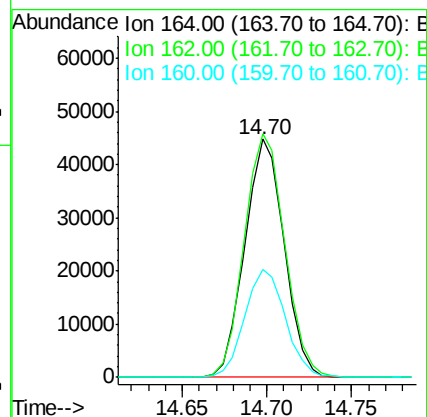
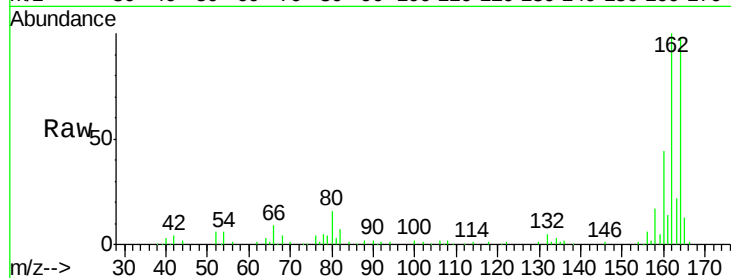
Tgt Ion:164 Resp: 72197

Ion Ratio Lower Upper

164 100

162 102.3 86.6 130.0

160 45.1 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.627 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Tgt Ion:216 Resp: 135710

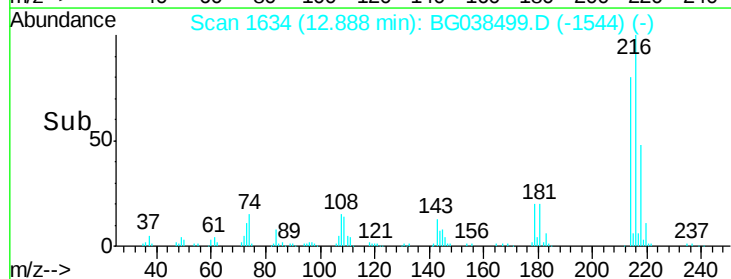
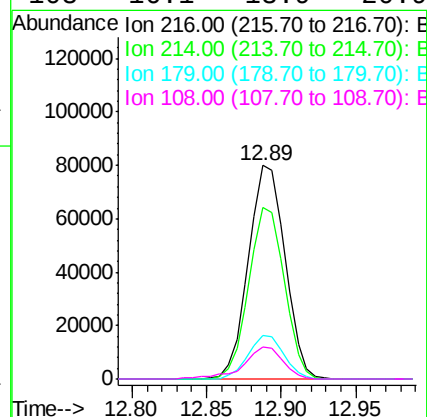
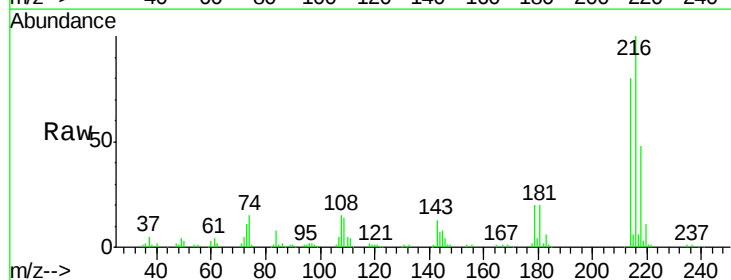
Ion Ratio Lower Upper

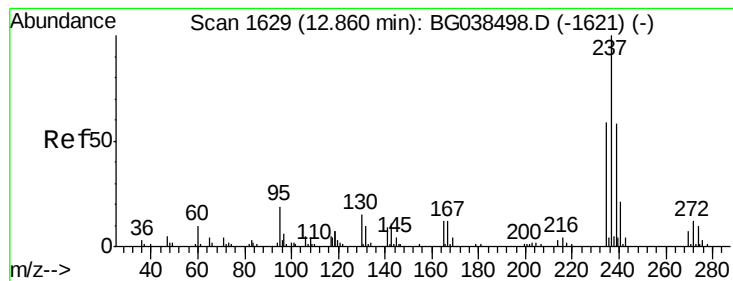
216 100

214 78.3 64.1 96.1

179 19.9 16.4 24.6

108 16.1 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 55.811 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

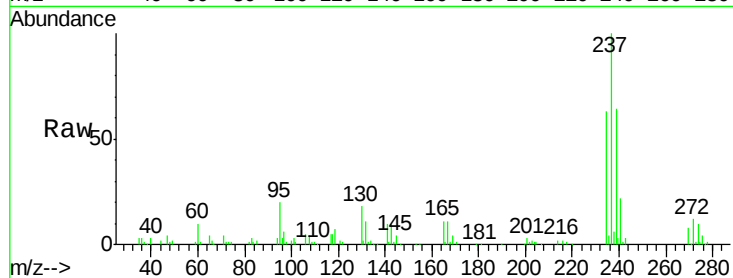
Tgt Ion: 237 Resp: 76194

Ion Ratio Lower Upper

237 100

235 63.0 38.8 78.8

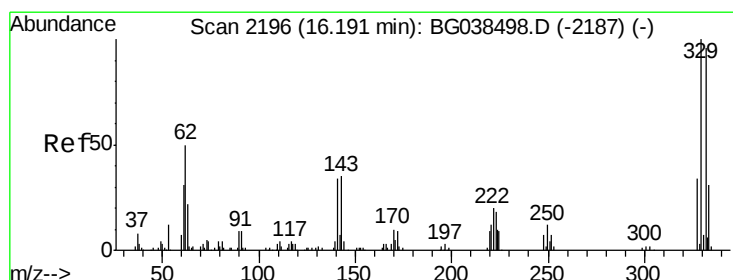
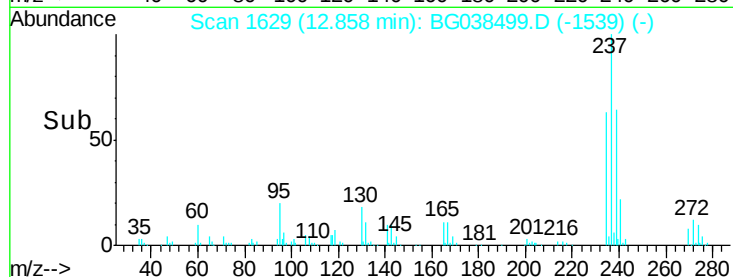
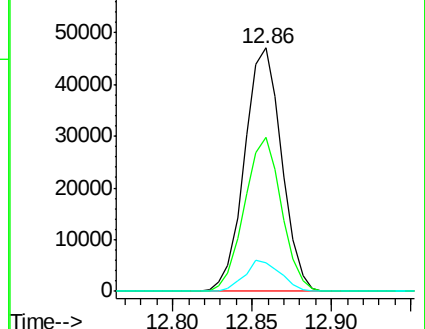
272 11.8 0.0 32.0



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: 117.382 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

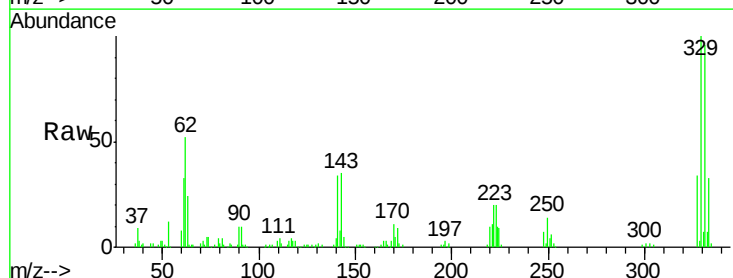
Tgt Ion: 330 Resp: 104036

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

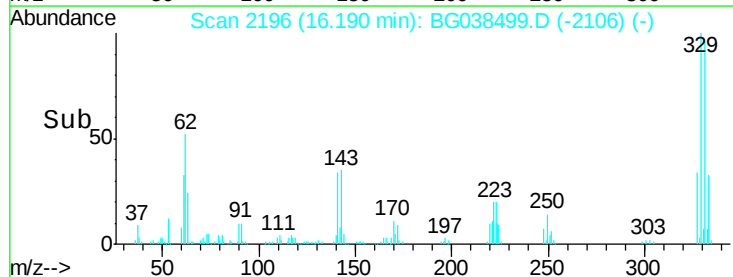
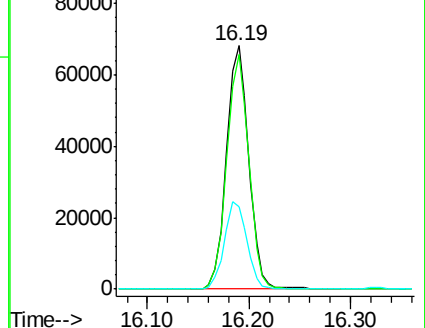
141 36.3 28.8 43.2



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

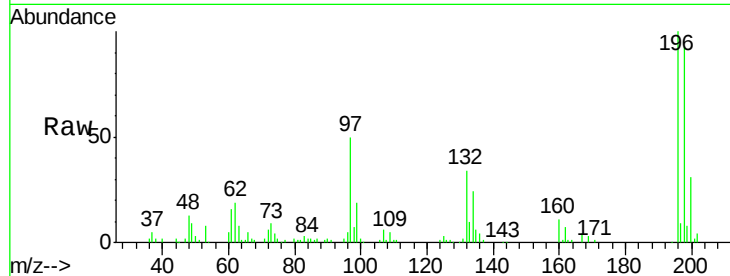




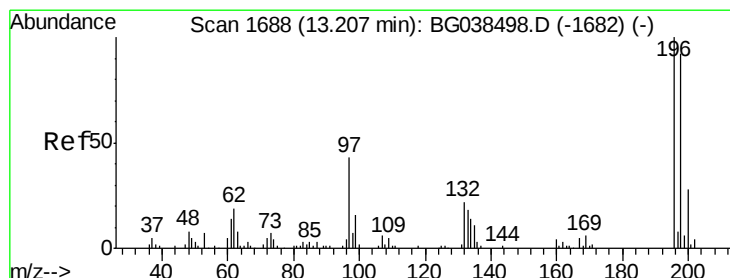
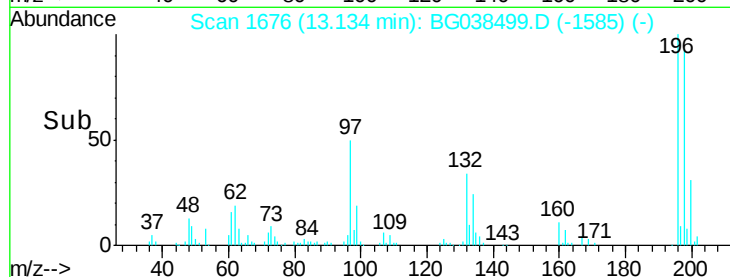
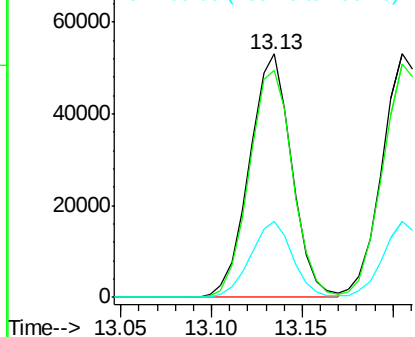
#43  
 2,4,6-Trichlorophenol  
 Concen: 53.385 ng  
 RT: 13.13 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:196 Resp: 85912  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 75.0 112.4  
 200 31.3 22.4 33.6



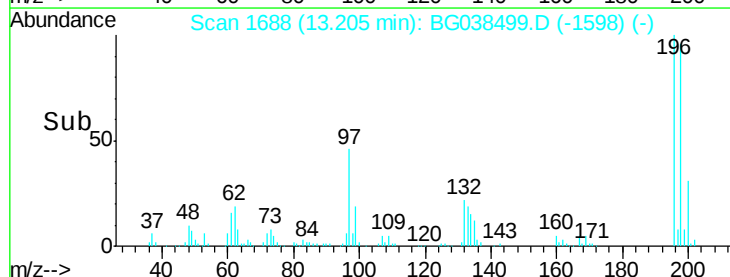
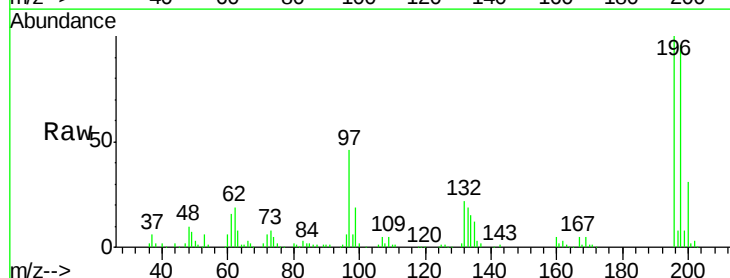
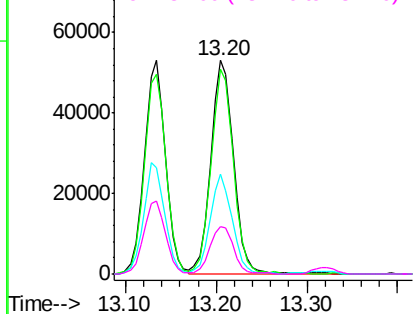
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

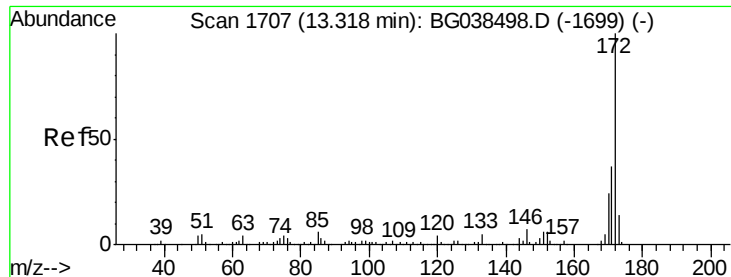


#44  
 2,4,5-Trichlorophenol  
 Concen: 54.185 ng  
 RT: 13.20 min Scan# 1688  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion:196 Resp: 92377  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 74.0 111.0  
 97 46.5 35.1 52.7  
 132 22.2 18.0 27.0

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

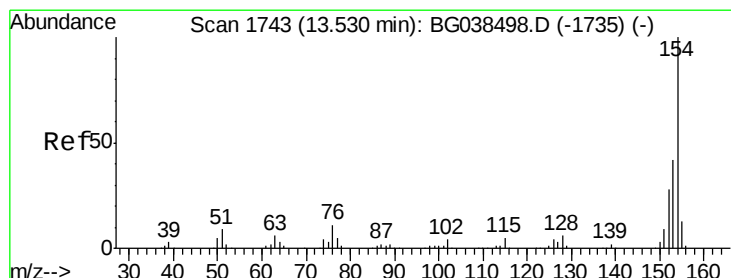
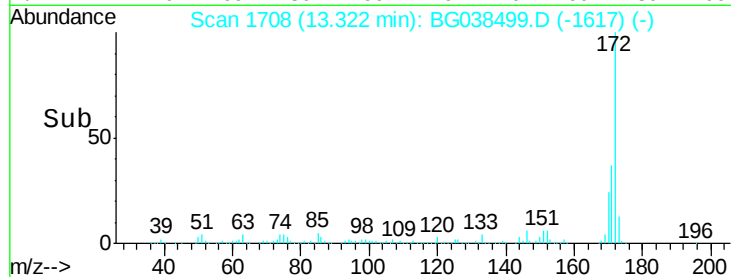
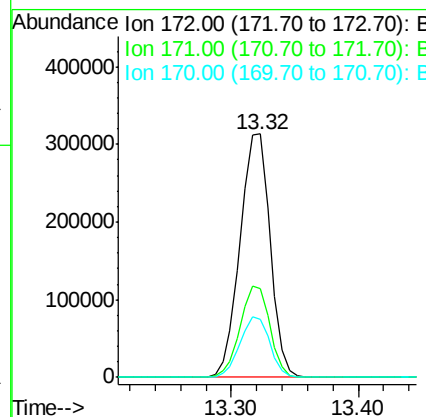
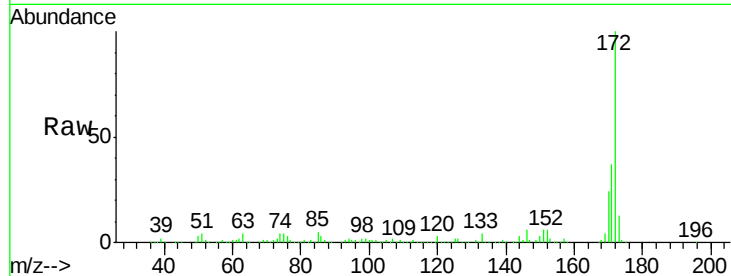




#45  
2-Fluorobiphenyl  
Concen: 101.743 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

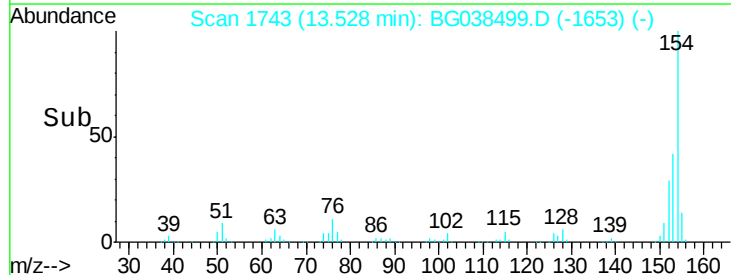
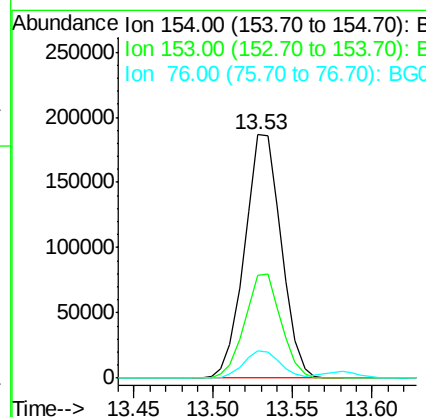
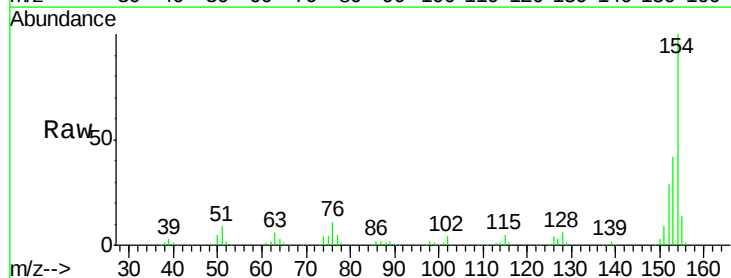
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:172 Resp: 515509  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.8 44.6  
170 23.9 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 49.057 ng  
RT: 13.53 min Scan# 1743  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion:154 Resp: 299379  
Ion Ratio Lower Upper  
154 100  
153 42.3 22.1 62.1  
76 11.5 0.0 31.2

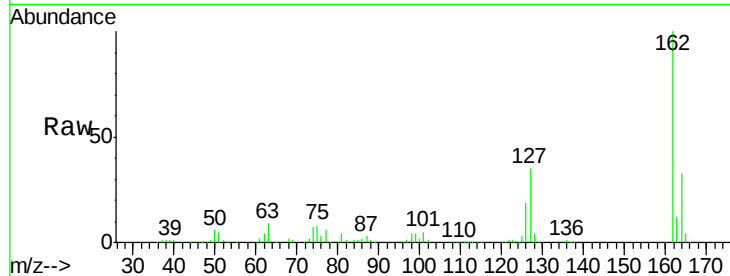




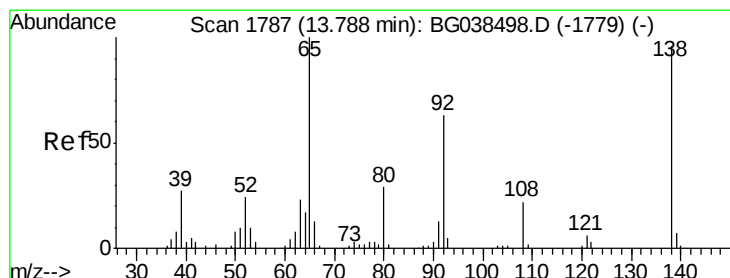
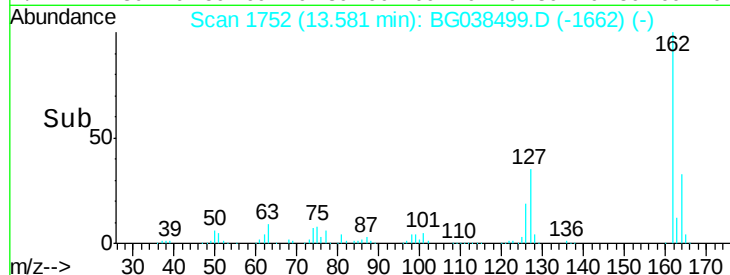
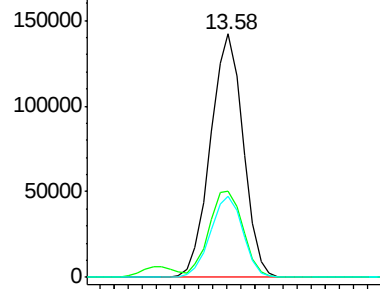
#47  
 2-Chloronaphthalene  
 Concen: 50.035 ng  
 RT: 13.58 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 162 Resp: 230416  
 Ion Ratio Lower Upper  
 162 100  
 127 35.4 27.8 41.8  
 164 33.1 26.9 40.3

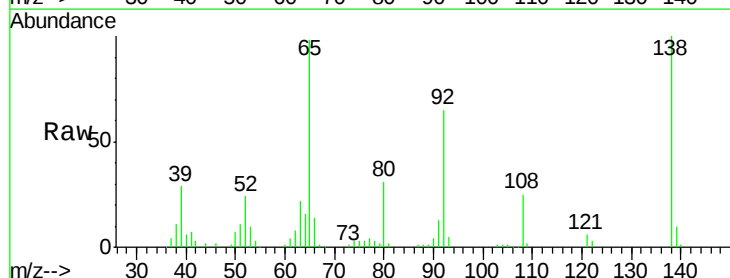


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

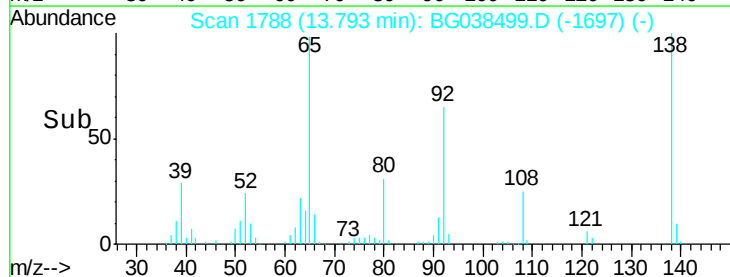
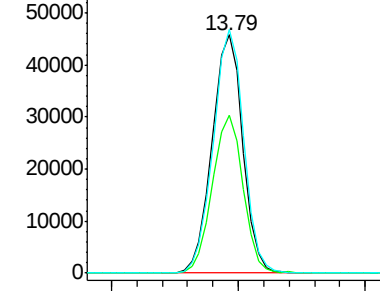


#48  
 2-Nitroaniline  
 Concen: 49.683 ng  
 RT: 13.79 min Scan# 1788  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion: 65 Resp: 76759  
 Ion Ratio Lower Upper  
 65 100  
 92 66.1 50.0 75.0  
 138 102.3 76.9 115.3



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





#49

Acenaphthylene

Concen: 50.234 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

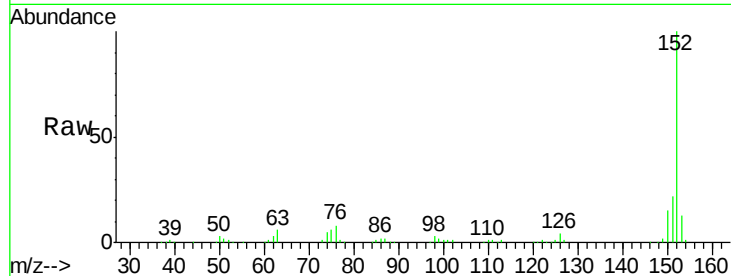
Tgt Ion:152 Resp: 348407

Ion Ratio Lower Upper

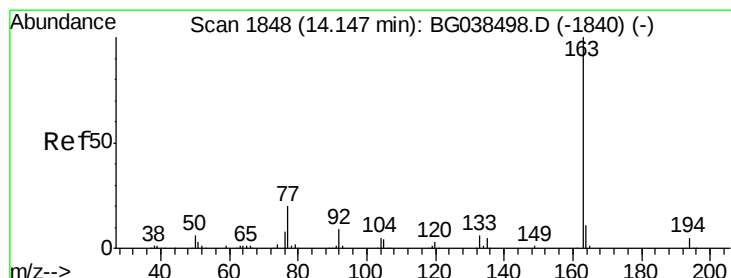
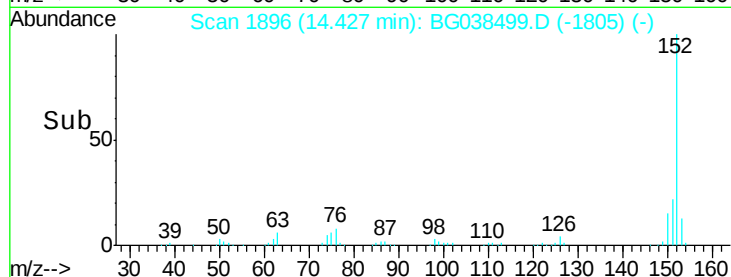
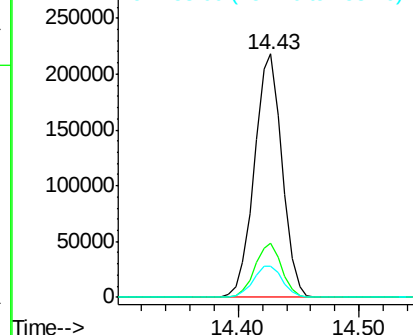
152 100

151 22.1 16.4 24.6

153 12.6 10.4 15.6



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



#50

Dimethylphthalate

Concen: 51.033 ng

RT: 14.15 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

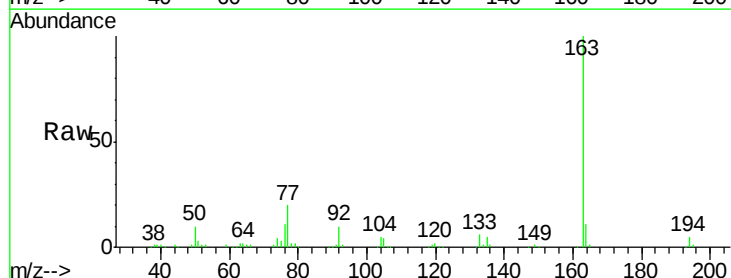
Tgt Ion:163 Resp: 295524

Ion Ratio Lower Upper

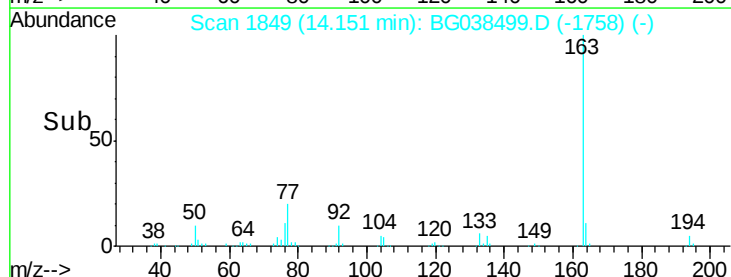
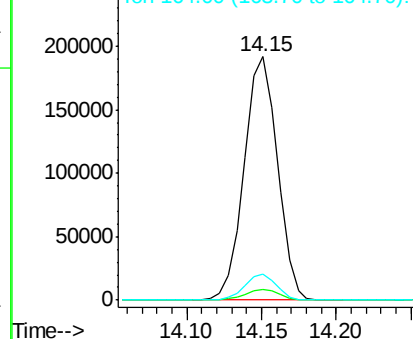
163 100

194 4.6 3.7 5.5

164 10.7 8.6 12.8



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

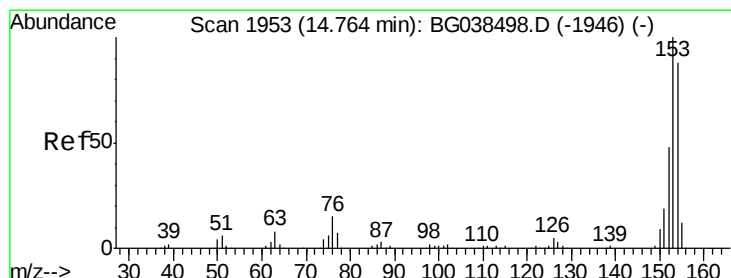
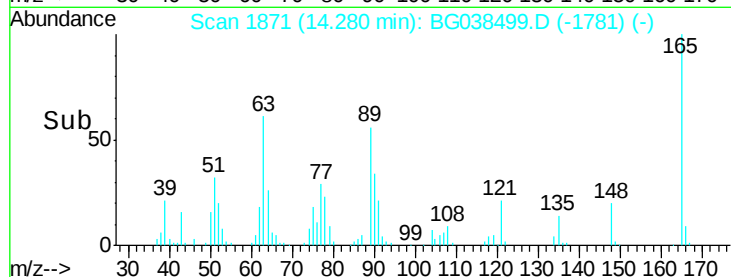
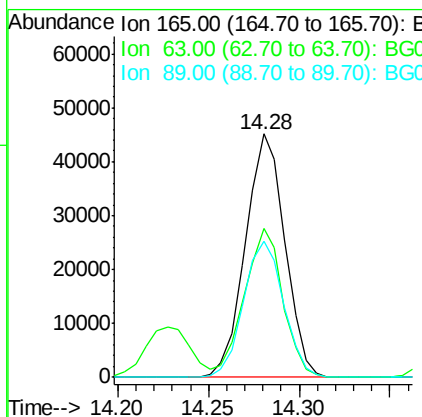
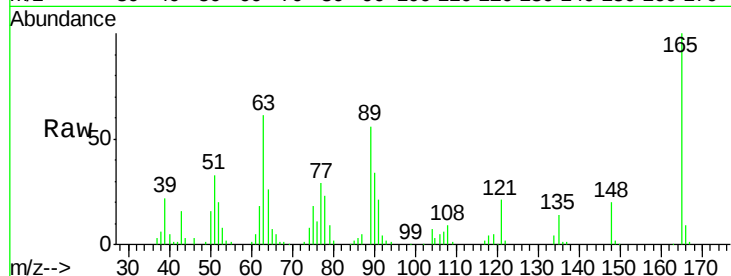




#51  
 2,6-Dinitrotoluene  
 Concen: 51.517 ng  
 RT: 14.28 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

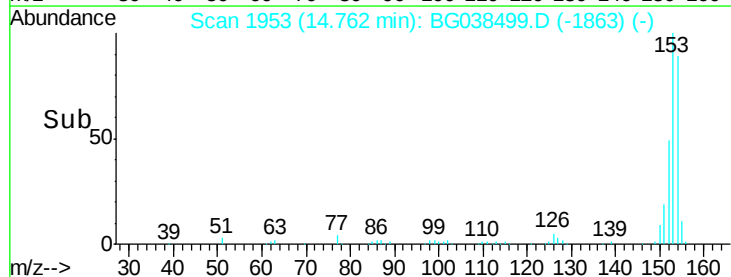
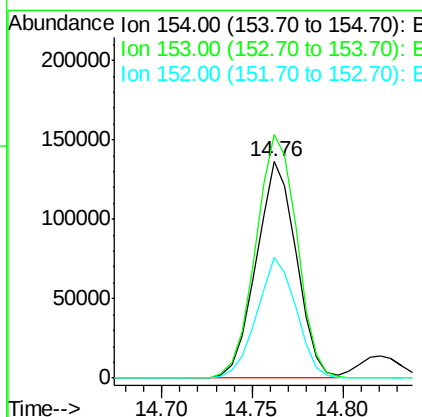
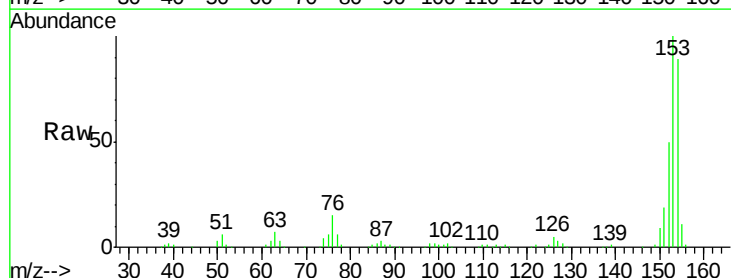
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

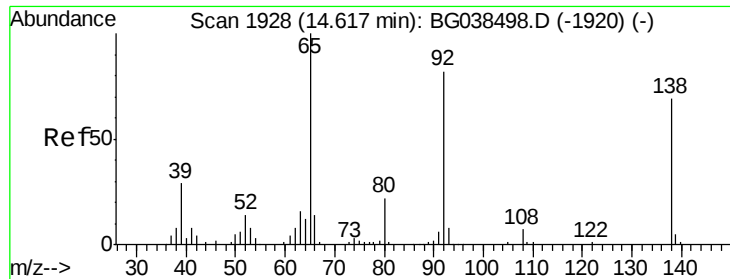
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 61.3  | 51.8  | 77.6  |
| 89      | 55.8  | 47.9  | 71.9  |



#52  
 Acenaphthene  
 Concen: 49.455 ng  
 RT: 14.76 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 90.6  | 136.0 |
| 152     | 56.0  | 43.5  | 65.3  |





#53

3-Nitroaniline

Concen: 50.037 ng

RT: 14.62 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

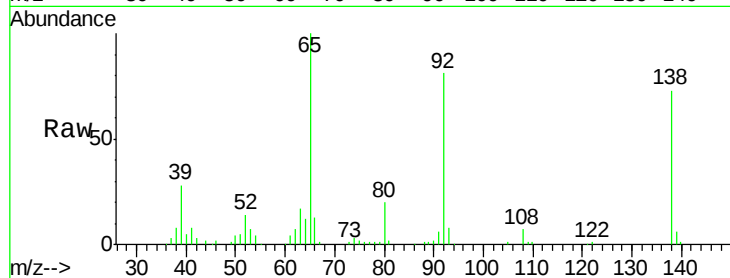
Tgt Ion:138 Resp: 71285

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

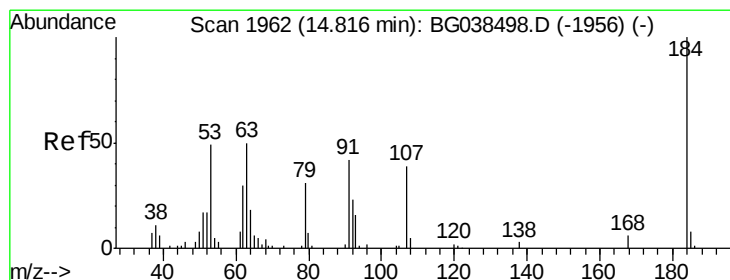
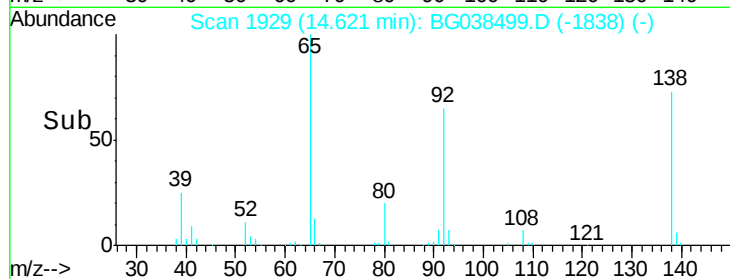
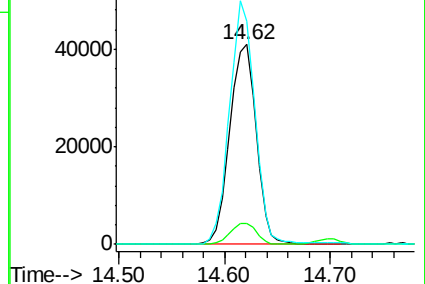
92 111.8 95.3 142.9



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: 51.852 ng

RT: 14.82 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

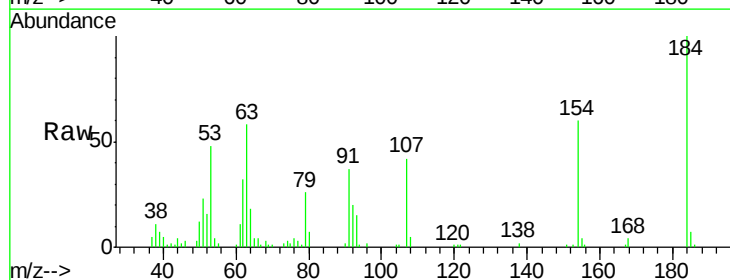
Tgt Ion:184 Resp: 37599

Ion Ratio Lower Upper

184 100

63 58.2 47.0 70.6

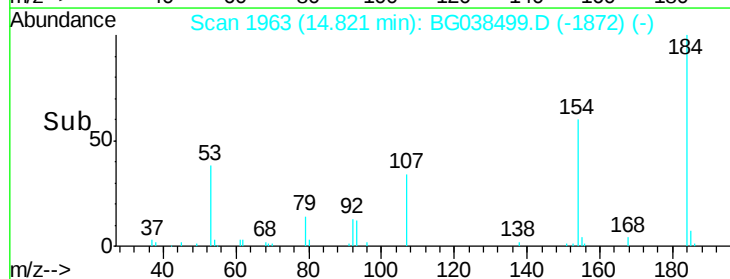
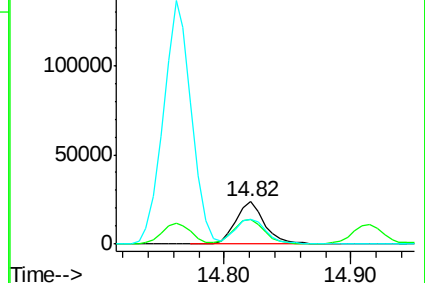
154 59.5 50.3 75.5

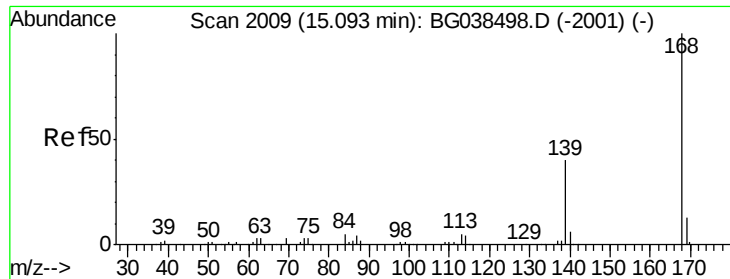


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

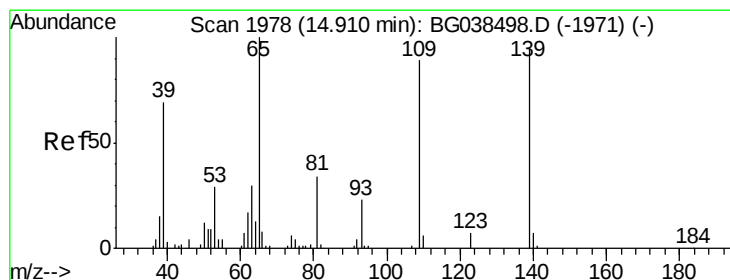
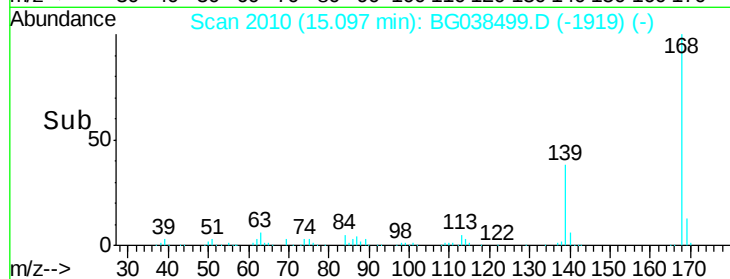
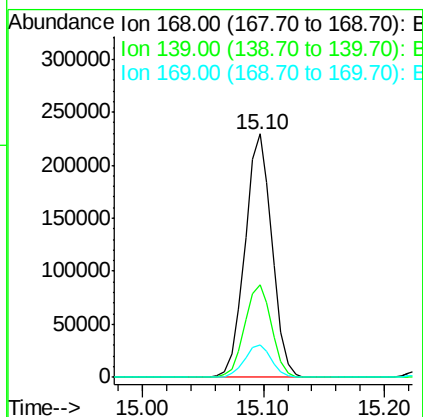
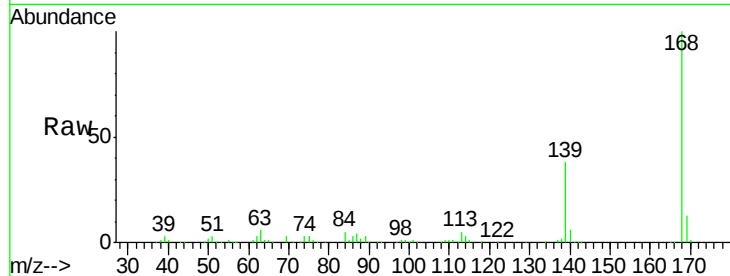




#55  
Dibenzenofuran  
Concen: 50.885 ng  
RT: 15.10 min Scan# 2010  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

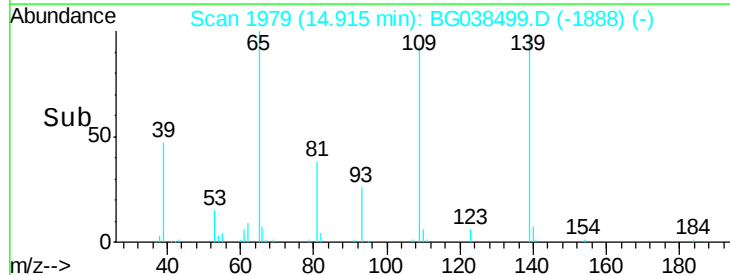
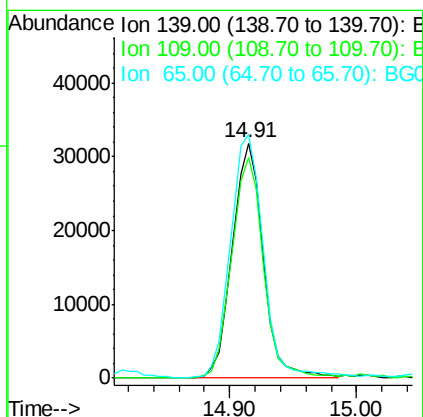
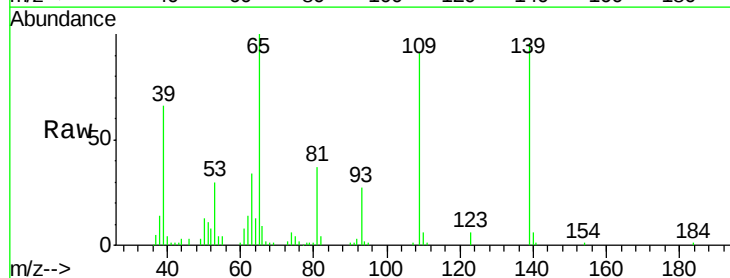
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

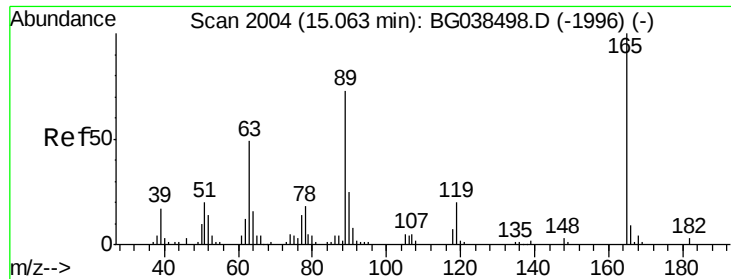
Tgt Ion:168 Resp: 355686  
Ion Ratio Lower Upper  
168 100  
139 38.3 32.2 48.2  
169 13.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 47.764 ng  
RT: 14.91 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion:139 Resp: 53753  
Ion Ratio Lower Upper  
139 100  
109 94.0 73.6 113.6  
65 103.7 84.8 124.8

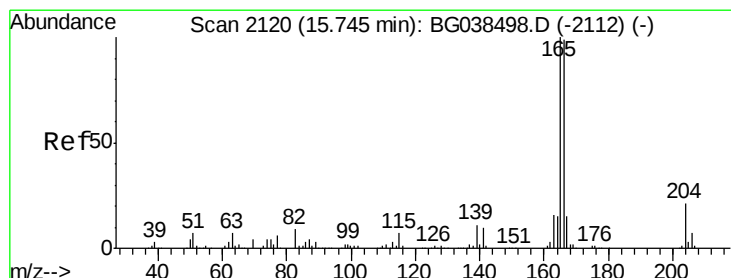
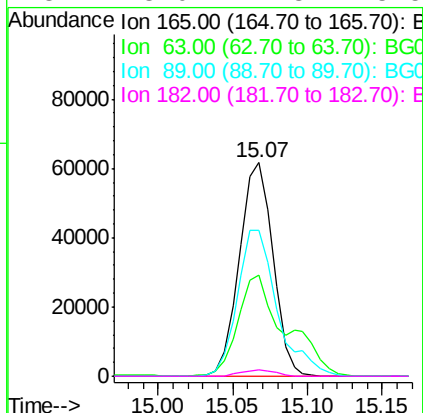
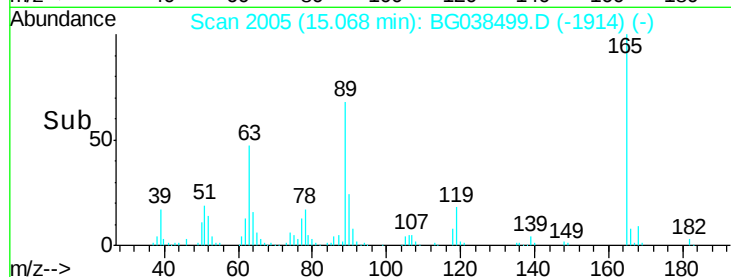
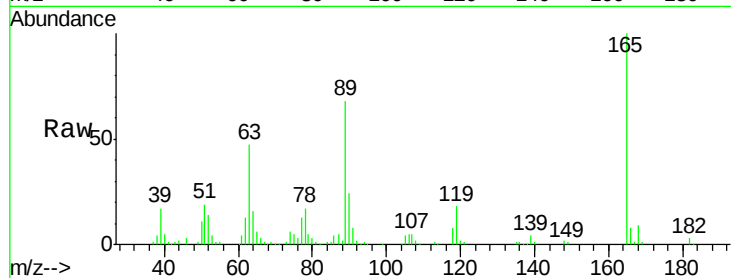




#57  
2,4-Dinitrotoluene  
Concen: 52.723 ng  
RT: 15.07 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

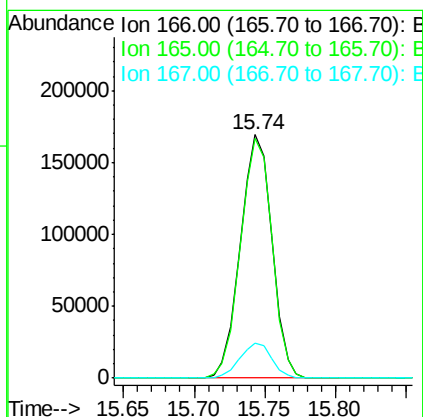
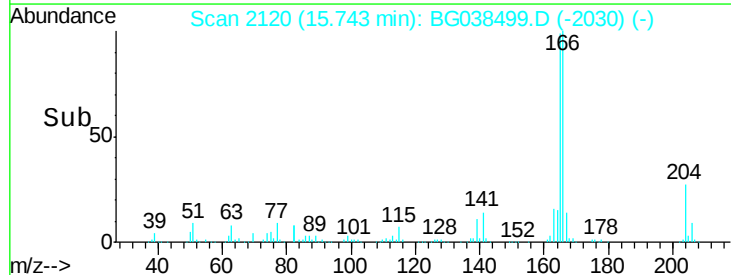
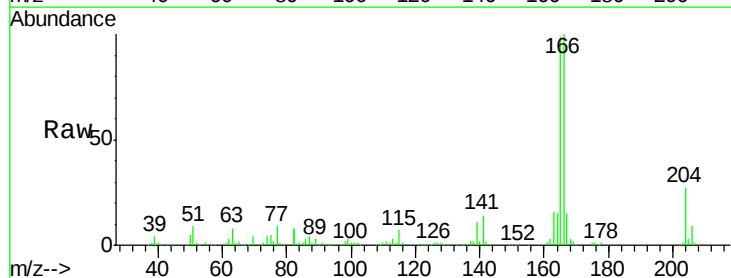
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.3  | 39.0  | 58.4  |
| 89      | 68.3  | 58.0  | 87.0  |
| 182     | 3.0   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 51.398 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 80.6  | 120.8 |
| 167     | 14.5  | 12.0  | 18.0  |

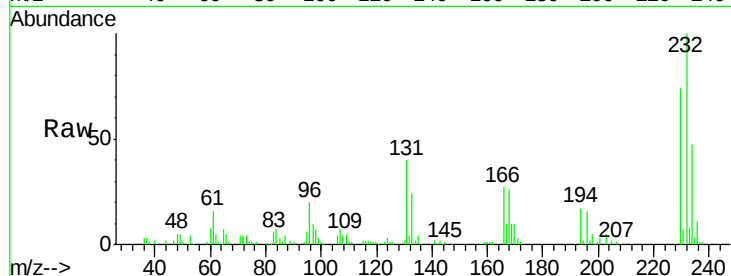




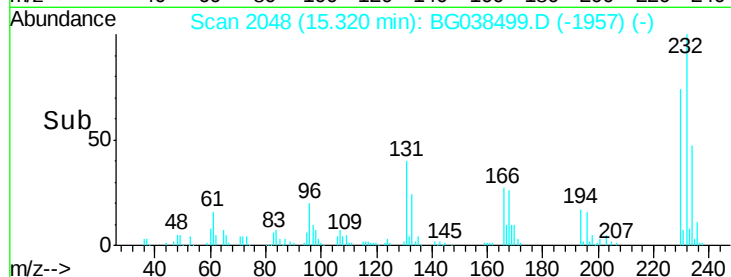
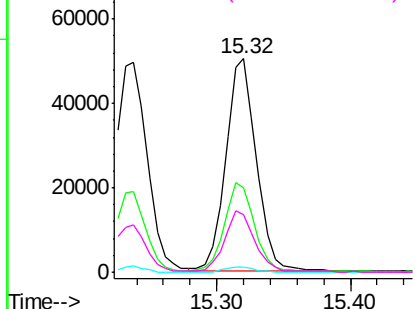
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.118 ng  
RT: 15.32 min Scan# 2048  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.4  | 33.0  | 49.4  |
| 130     | 2.4   | 2.0   | 3.0   |
| 166     | 28.1  | 23.1  | 34.7  |

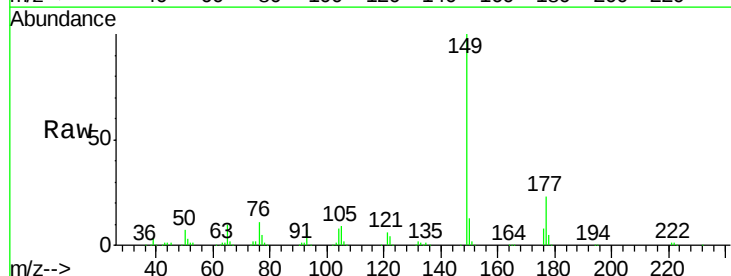


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

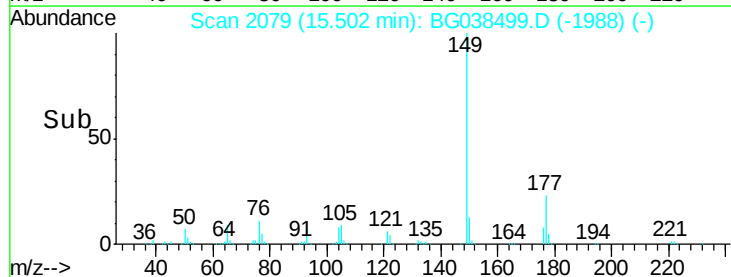
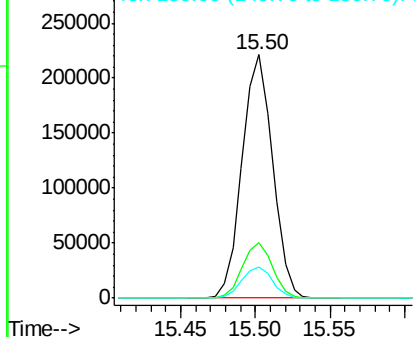


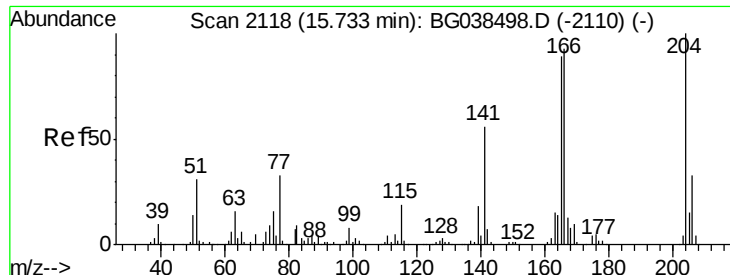
#60  
Diethylphthalate  
Concen: 48.829 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.0  | 17.7  | 26.5  |
| 150     | 12.8  | 9.9   | 14.9  |



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

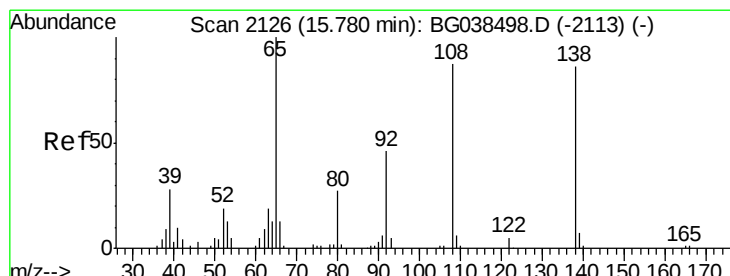
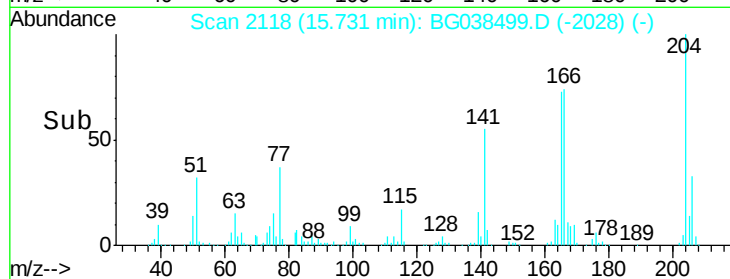
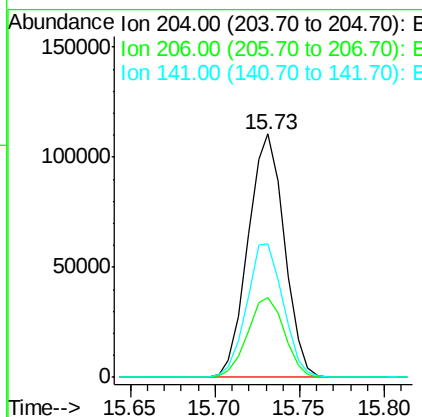
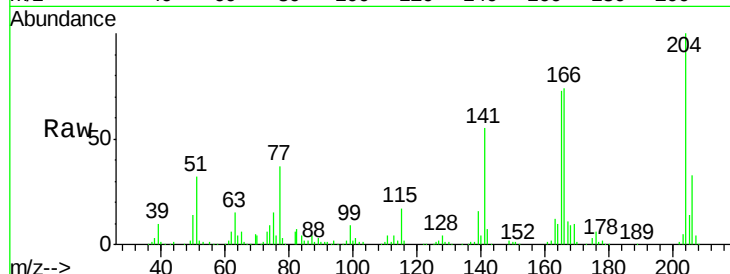




#61  
 4-Chlorophenyl-phenylether  
 Concen: 53.496 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

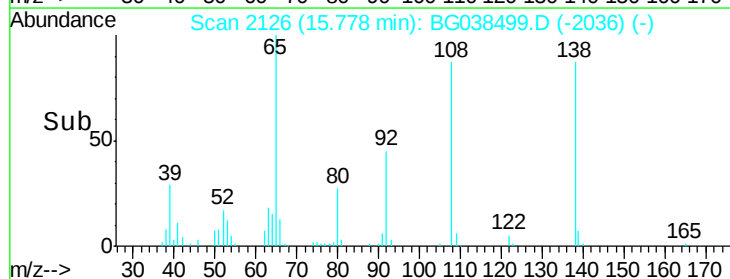
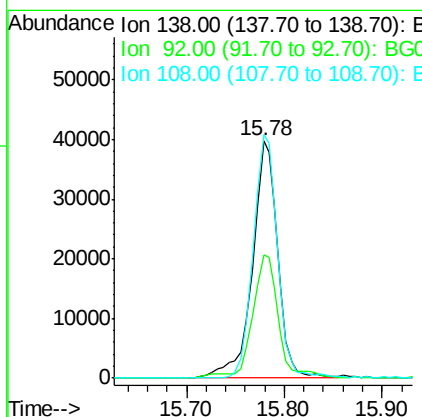
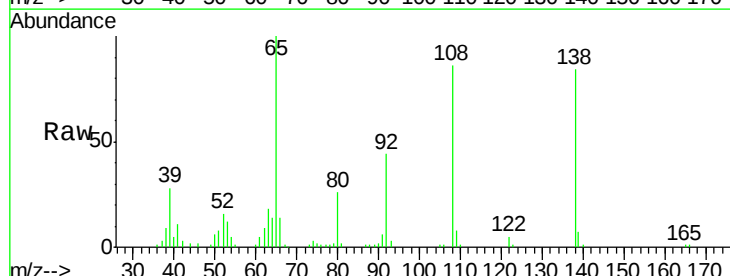
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 165478 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.0  | 26.0  | 39.0   |
| 141      | 54.7  | 44.4  | 66.6   |



#62  
 4-Nitroaniline  
 Concen: 51.846 ng  
 RT: 15.78 min Scan# 2126  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 72648 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 52.0  | 33.3  | 73.3  |
| 108      | 102.6 | 81.4  | 121.4 |





#63

Azobenzene

Concen: 47.588 ng

RT: 16.03 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 267192

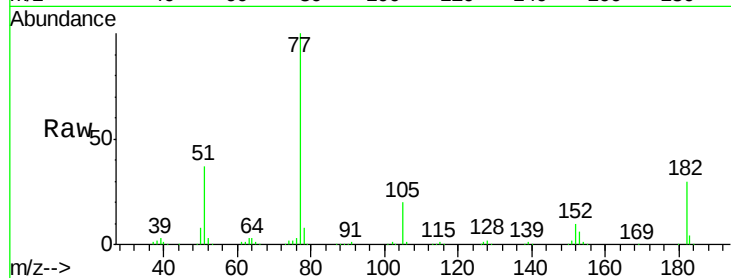
Ion Ratio Lower Upper

77 100

182 29.9 8.7 48.7

105 19.6 0.0 38.7

51 37.0 16.6 56.6

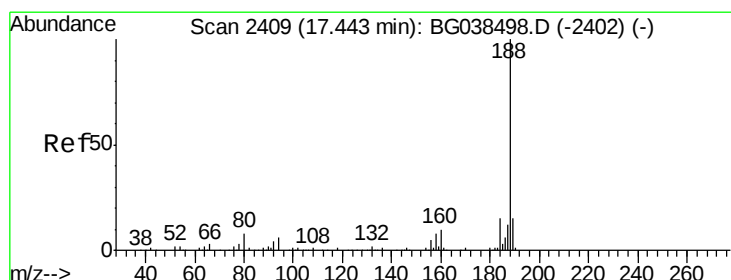
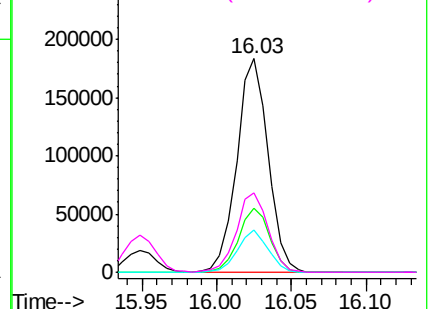
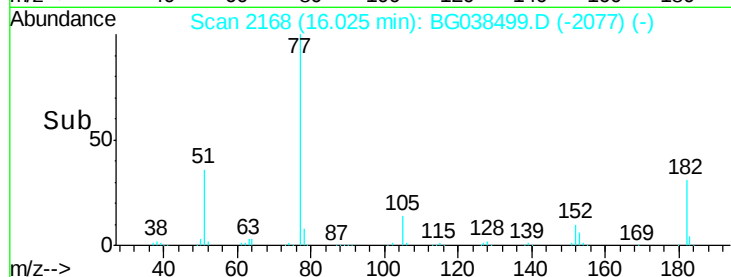


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

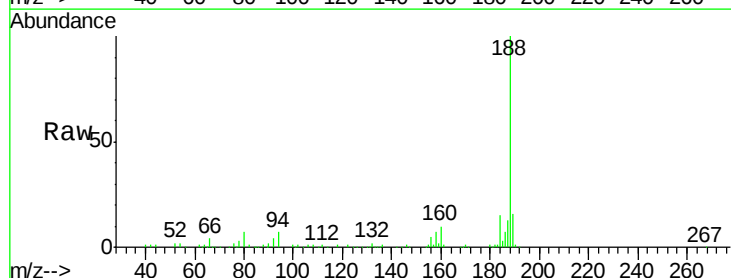
Tgt Ion: 188 Resp: 177781

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

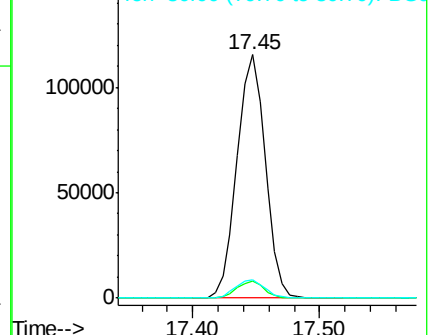
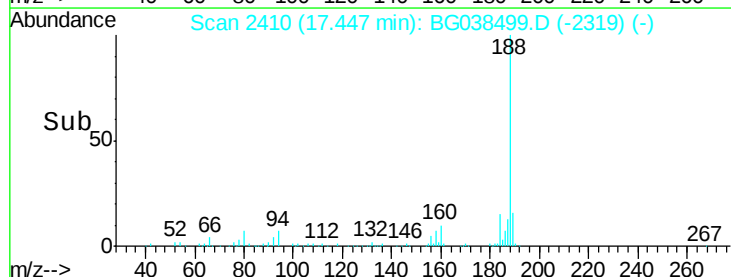
80 7.4 6.1 9.1

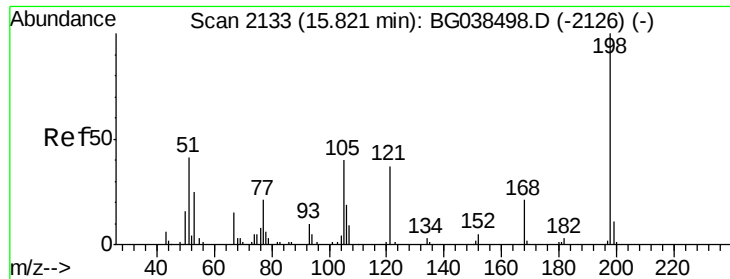


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

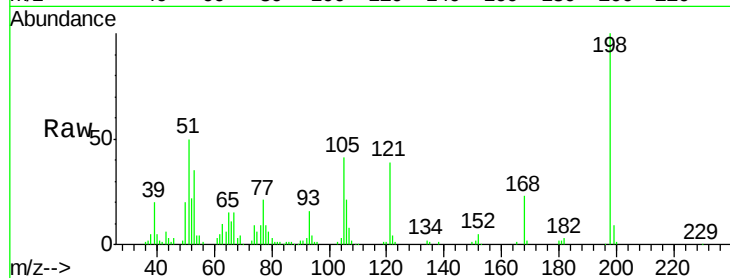




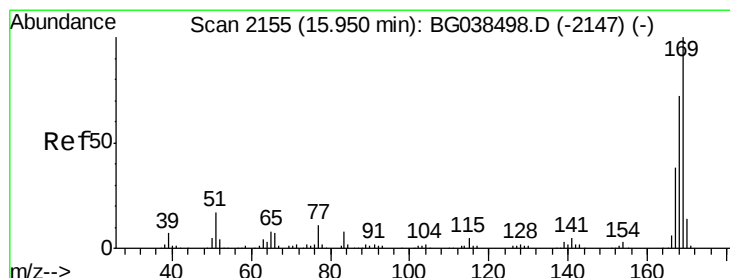
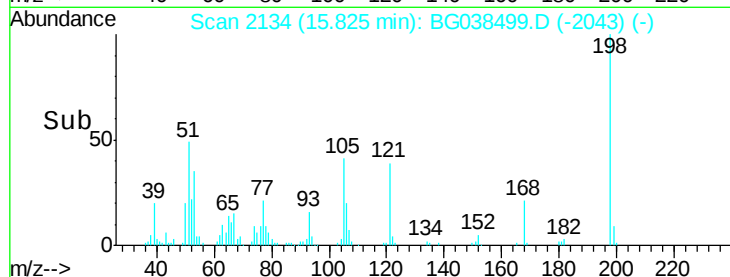
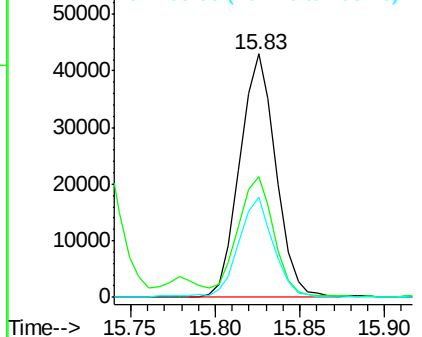
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 54.923 ng  
 RT: 15.83 min Scan# 2134  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:198 Resp: 63976  
 Ion Ratio Lower Upper  
 198 100  
 51 49.7 28.6 68.6  
 105 40.9 20.4 60.4

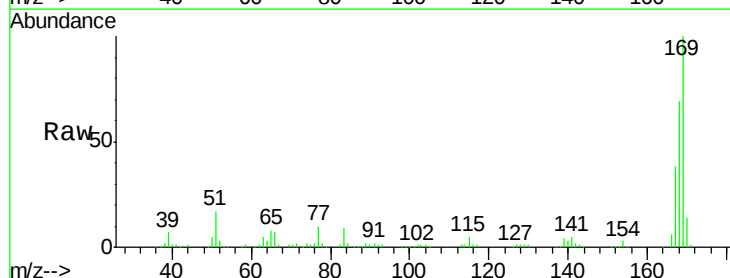


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BGC  
 Ion 105.00 (104.70 to 105.70): E

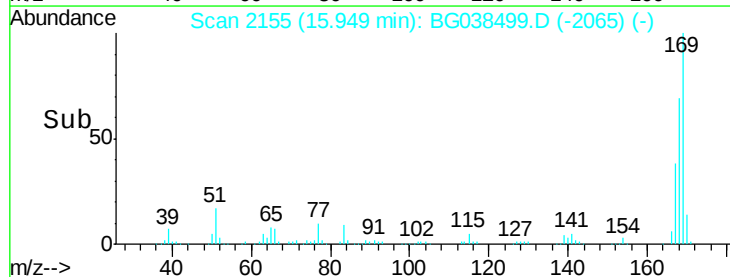
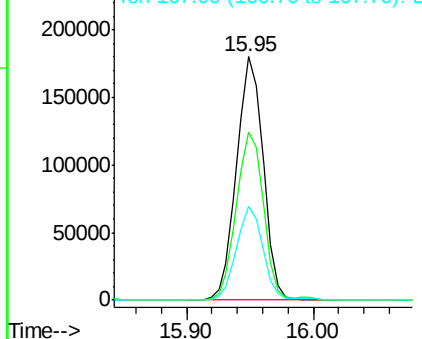


#66  
 n-Nitrosodiphenylamine  
 Concen: 52.144 ng  
 RT: 15.95 min Scan# 2155  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion:169 Resp: 260682  
 Ion Ratio Lower Upper  
 169 100  
 168 68.9 57.5 86.3  
 167 38.5 30.2 45.2



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

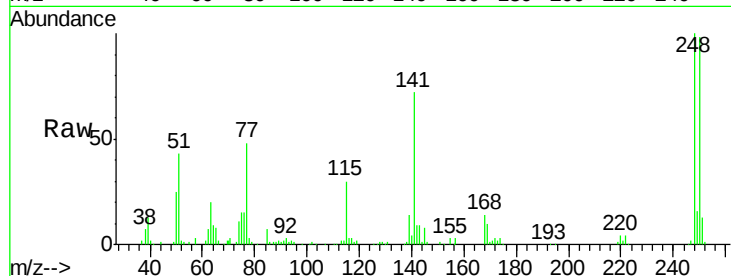




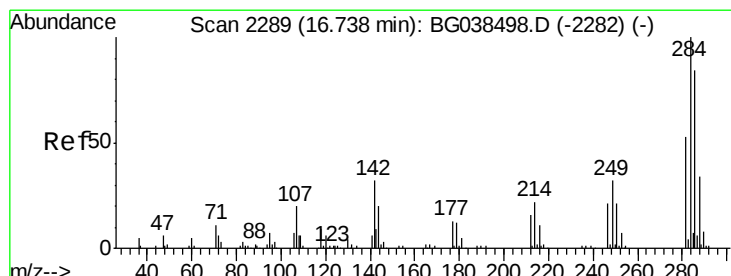
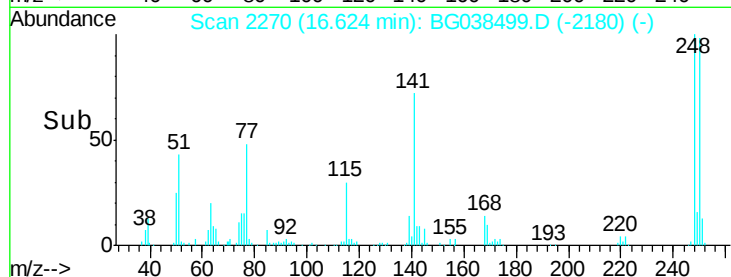
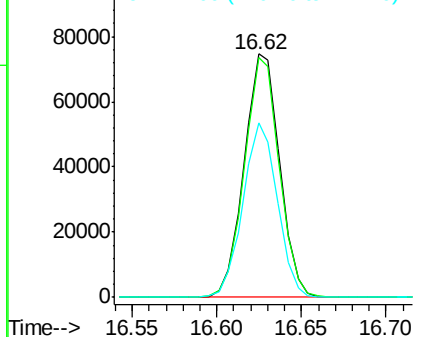
#67  
 4-Bromophenyl-phenylether  
 Concen: 56.805 ng  
 RT: 16.62 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 248 Resp: 109057  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 73.4 110.2  
 141 71.6 52.9 79.3

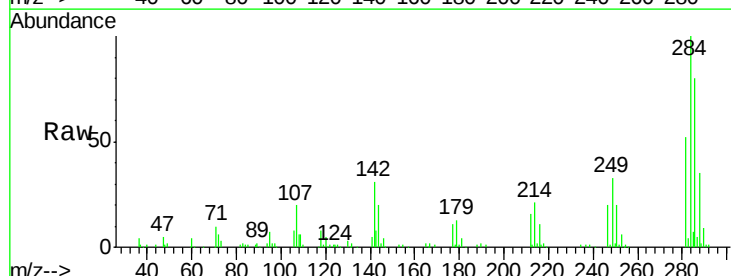


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

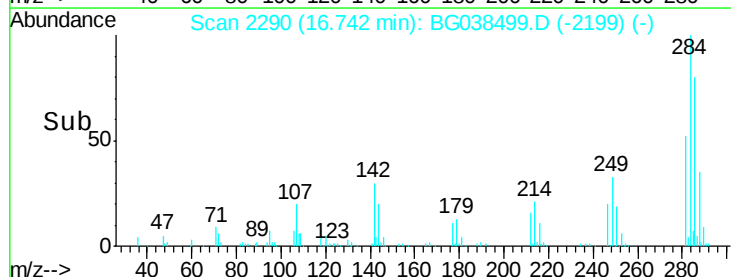
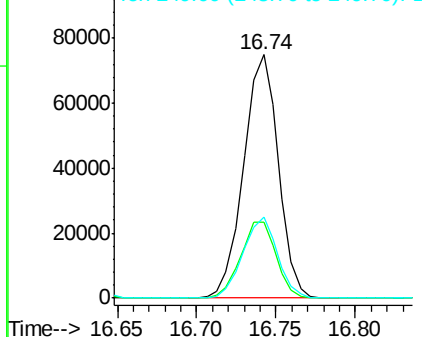


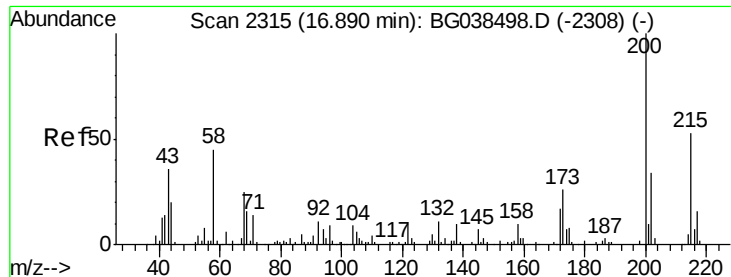
#68  
 Hexachlorobenzene  
 Concen: 57.426 ng  
 RT: 16.74 min Scan# 2290  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Tgt Ion: 284 Resp: 113718  
 Ion Ratio Lower Upper  
 284 100  
 142 31.1 25.8 38.6  
 249 35.1 27.0 40.4



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: 51.548 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

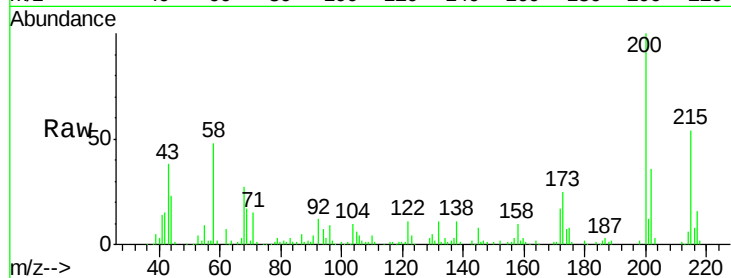
Tgt Ion:200 Resp: 96160

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

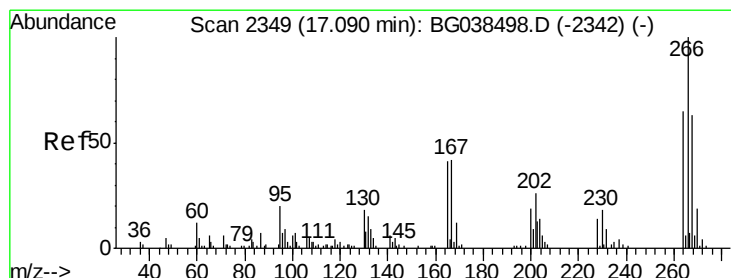
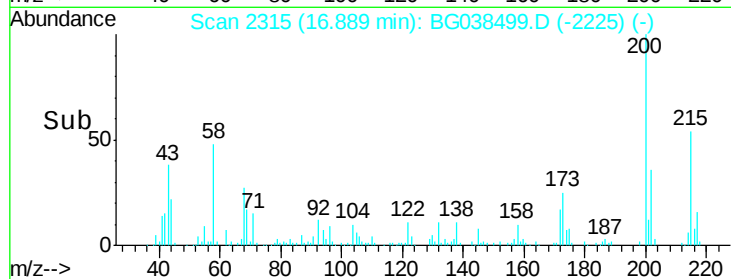
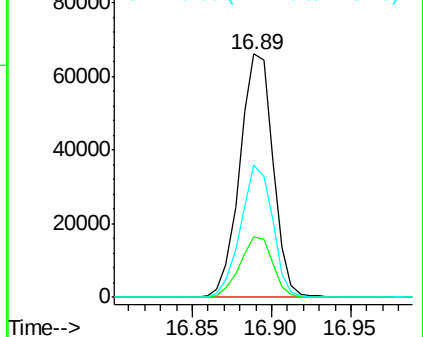
215 54.1 33.1 73.1



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: 50.632 ng

RT: 17.09 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

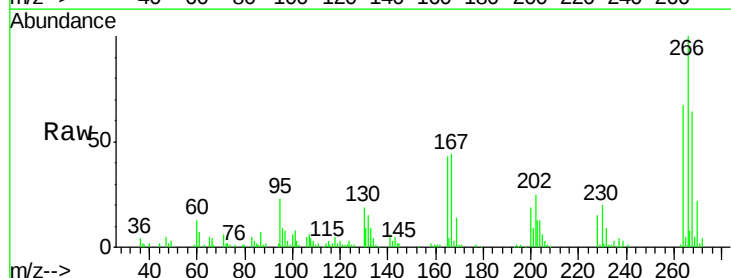
Tgt Ion:266 Resp: 68674

Ion Ratio Lower Upper

266 100

268 69.2 55.0 82.6

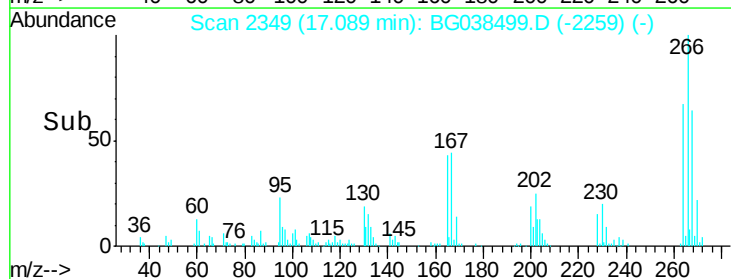
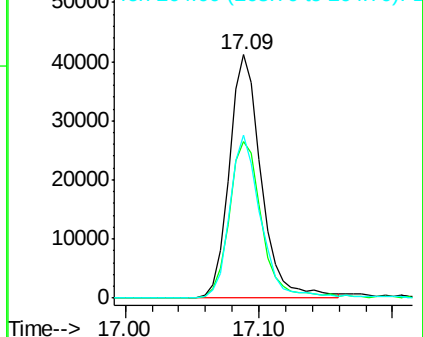
264 72.2 56.7 85.1

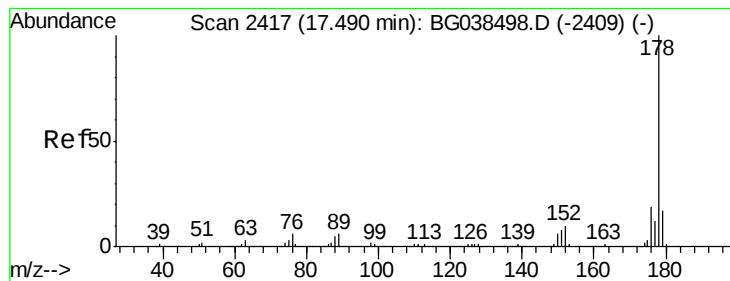


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.854 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

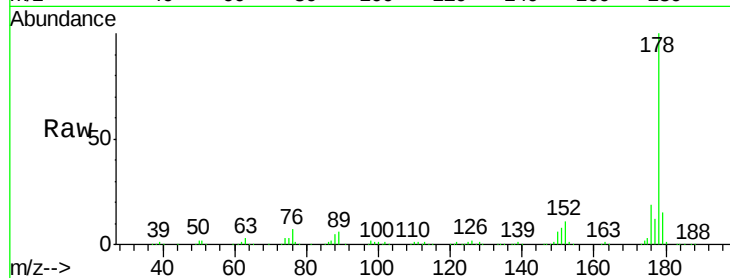
Tgt Ion:178 Resp: 452764

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

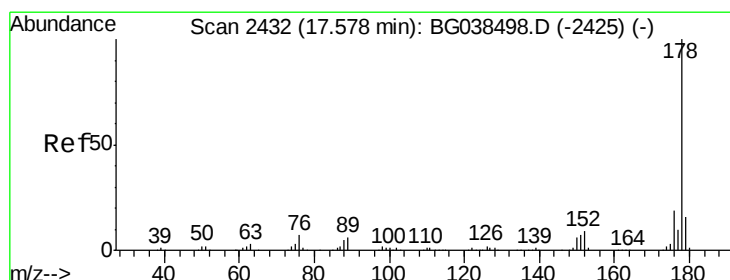
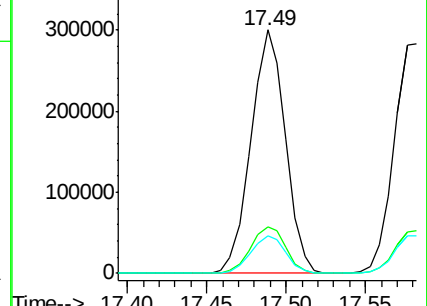
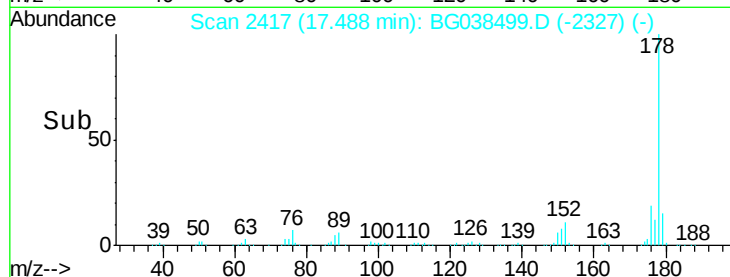
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.112 ng

RT: 17.58 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

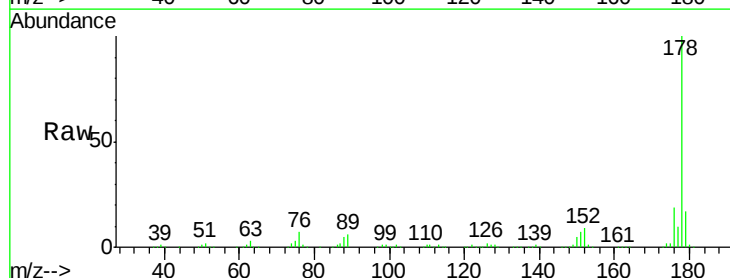
Tgt Ion:178 Resp: 449305

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

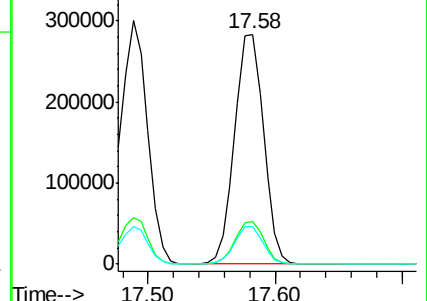
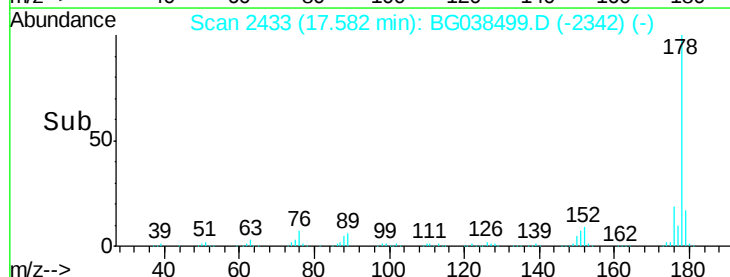
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.102 ng

RT: 17.85 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

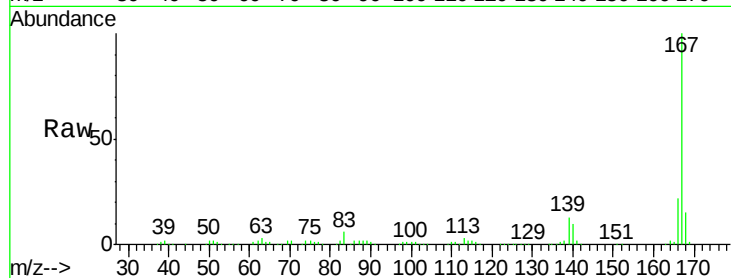
Tgt Ion:167 Resp: 445851

Ion Ratio Lower Upper

167 100

166 22.0 17.9 26.9

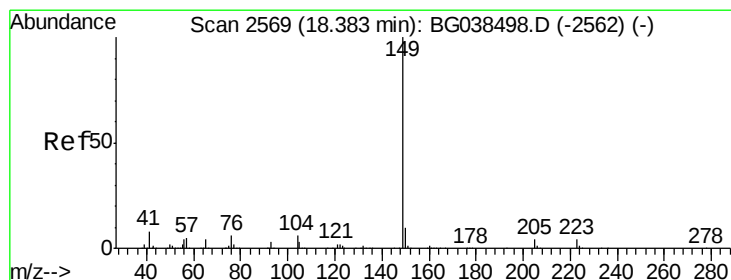
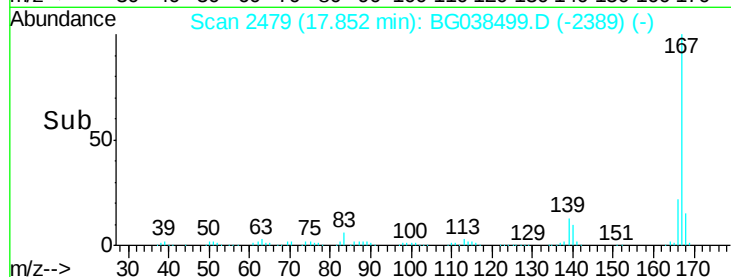
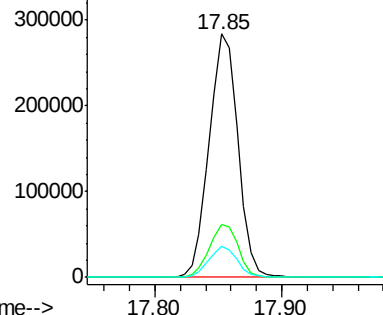
139 13.0 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.108 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

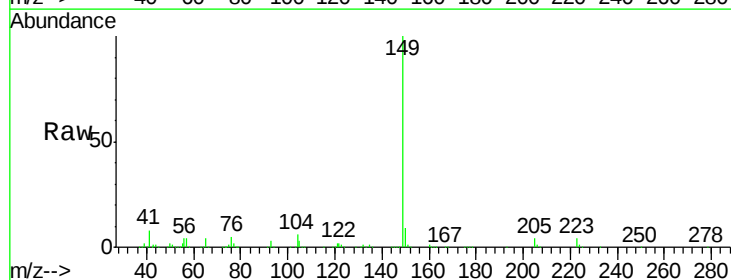
Tgt Ion:149 Resp: 510919

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

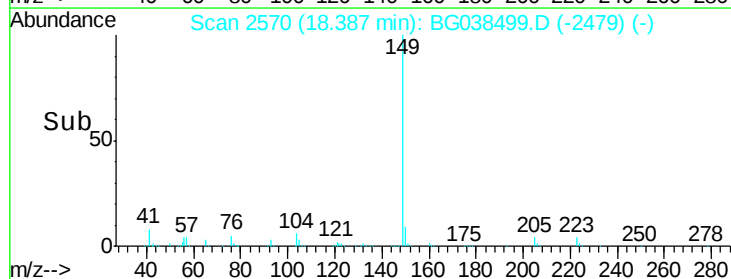
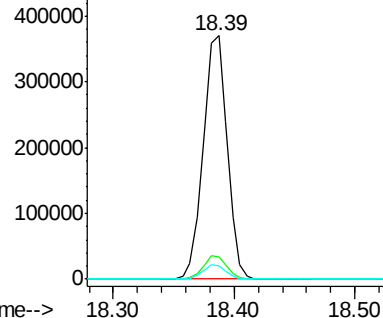
104 5.7 5.0 7.4

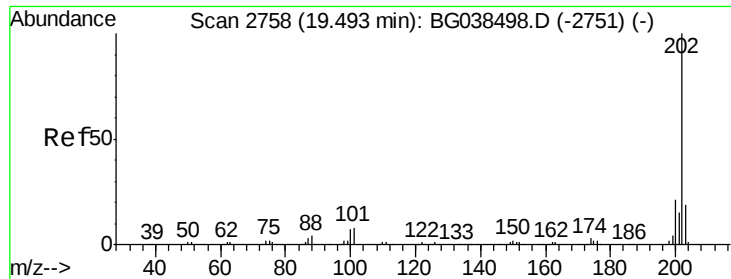


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

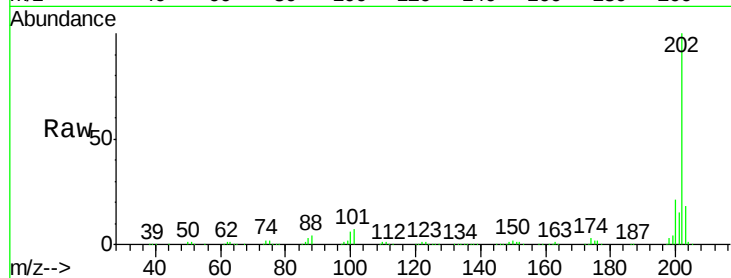




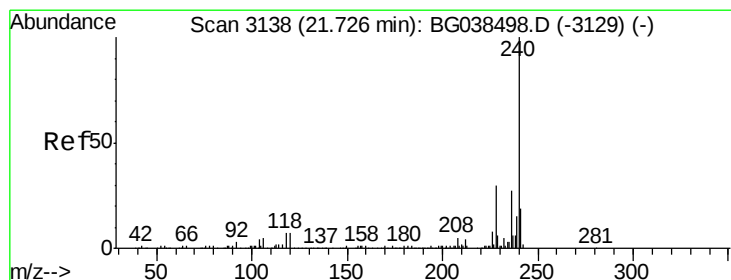
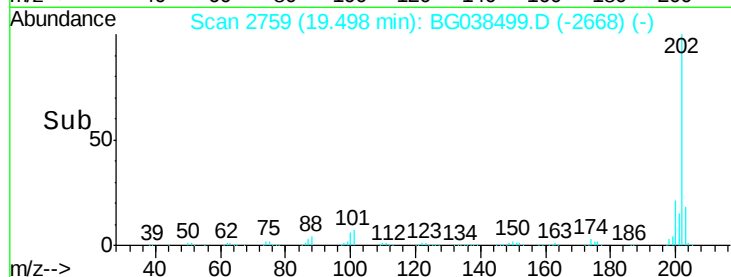
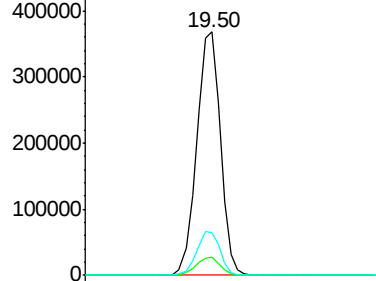
#75  
 Fluoranthene  
 Concen: 53.034 ng  
 RT: 19.50 min Scan# 2759  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.4   | 0.0   | 28.1  |
| 203     | 17.7  | 0.0   | 39.0  |

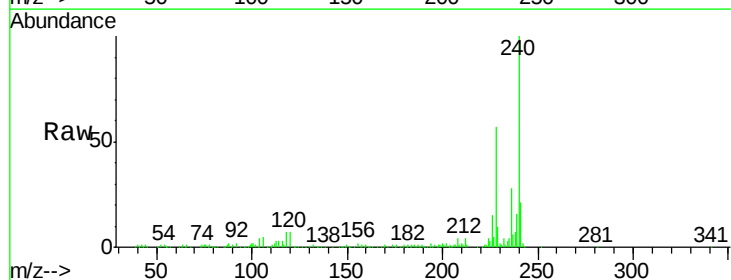


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

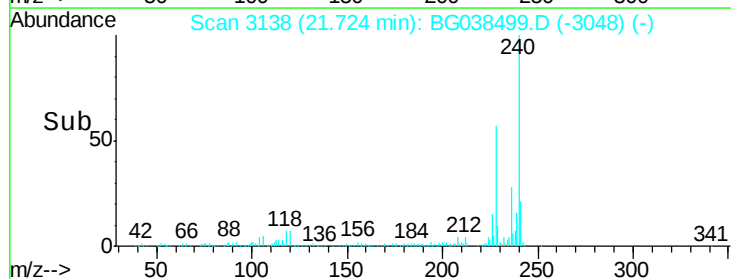
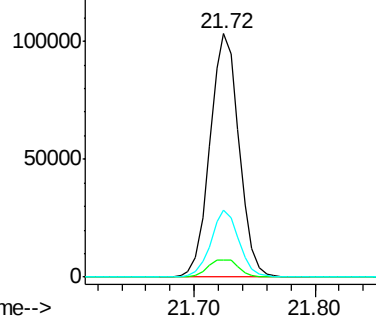


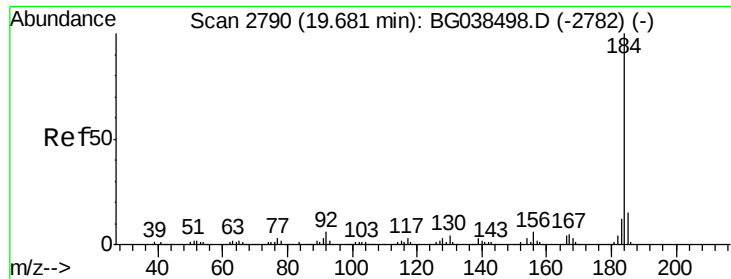
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3138  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.8   | 5.3   | 7.9   |
| 236     | 27.7  | 21.4  | 32.2  |



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: 43.458 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

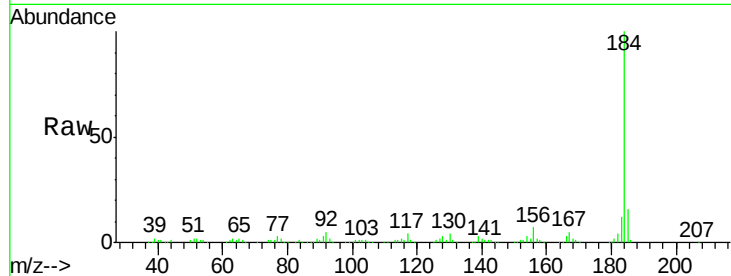
Tgt Ion:184 Resp: 253805

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

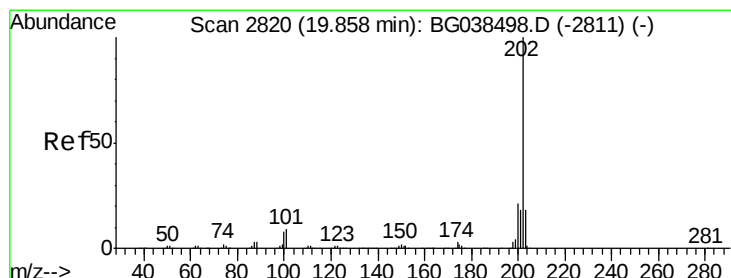
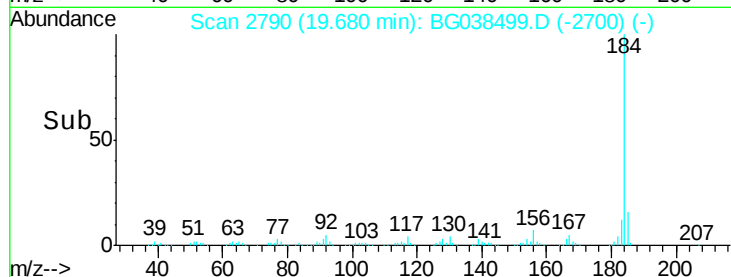
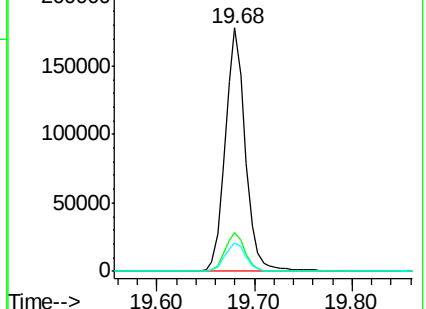
183 11.7 9.6 14.4



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: 45.989 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

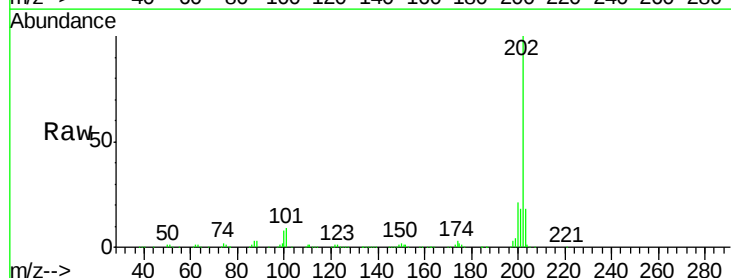
Tgt Ion:202 Resp: 556898

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

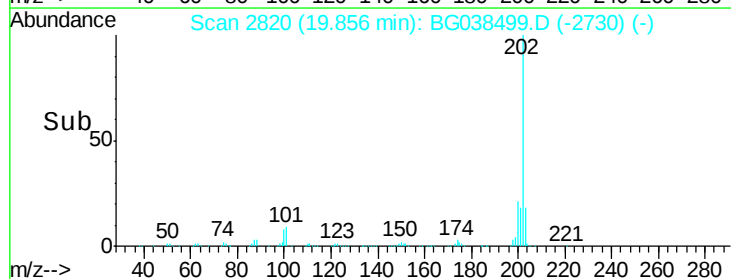
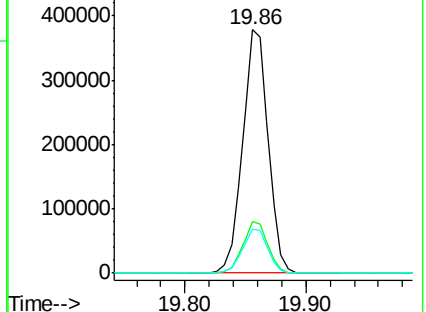
203 18.1 14.6 21.8

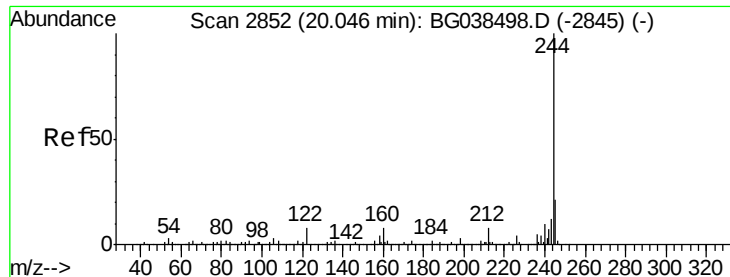


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.398 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

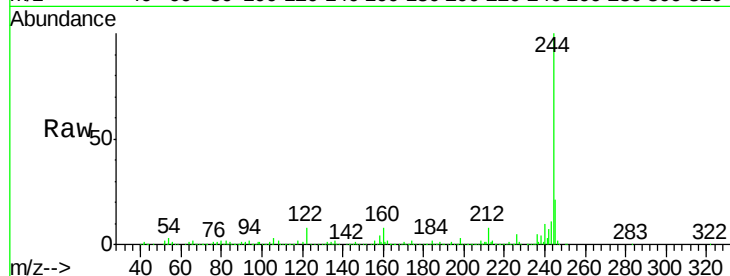
Tgt Ion:244 Resp: 794945

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

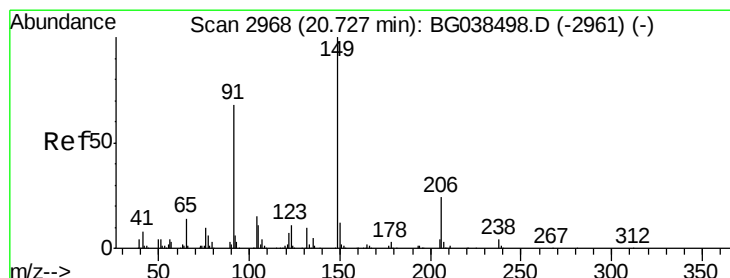
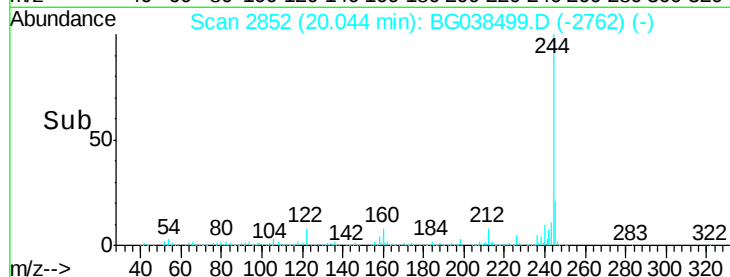
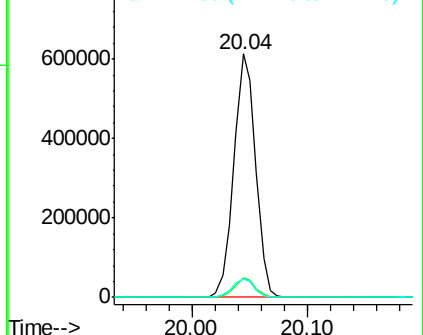
122 7.6 6.3 9.5



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: 47.699 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

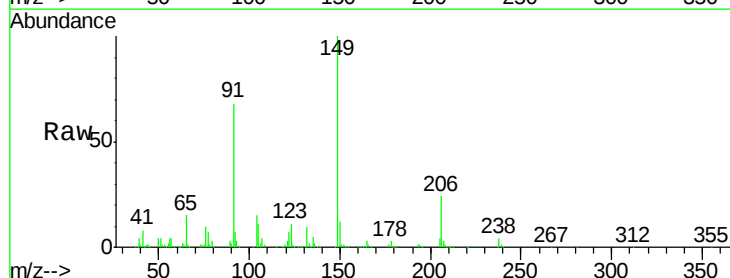
Tgt Ion:149 Resp: 232313

Ion Ratio Lower Upper

149 100

91 68.3 54.5 81.7

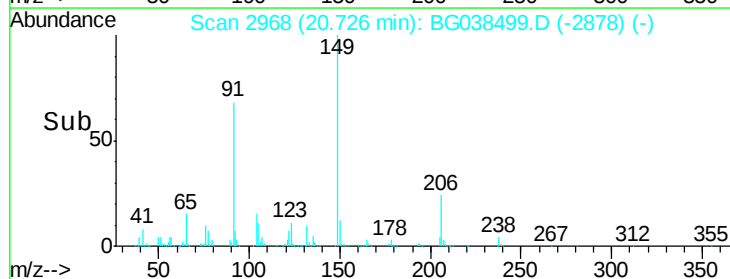
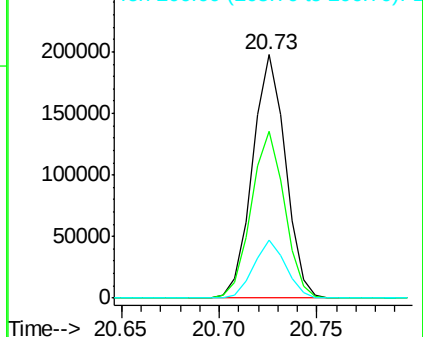
206 23.9 19.0 28.6

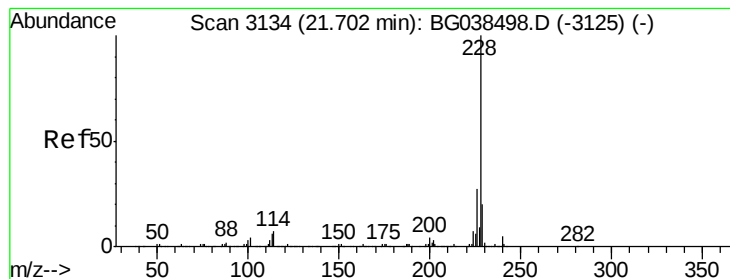


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.307 ng

RT: 21.71 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

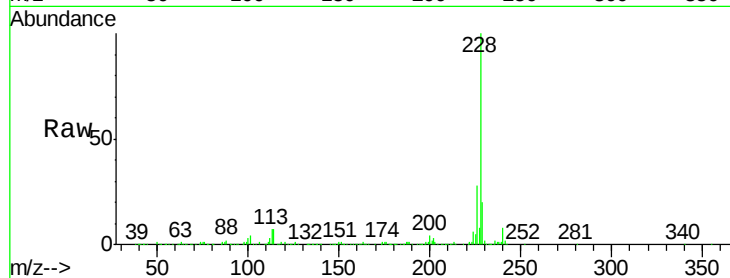
Tgt Ion:228 Resp: 535117

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

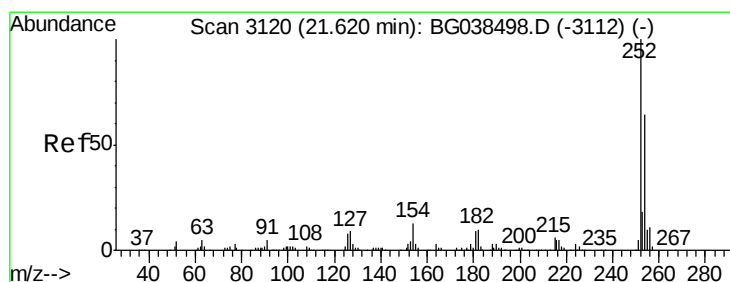
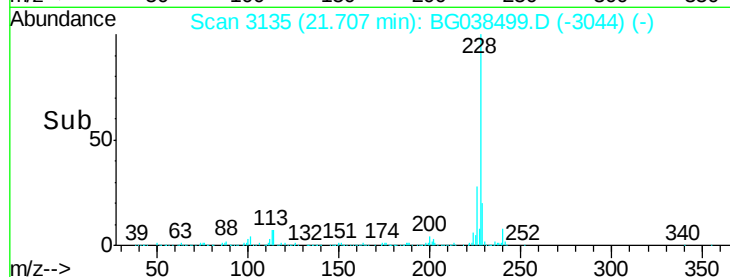
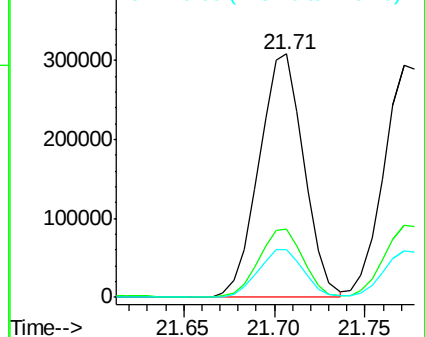
229 19.6 15.8 23.6



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: 52.405 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

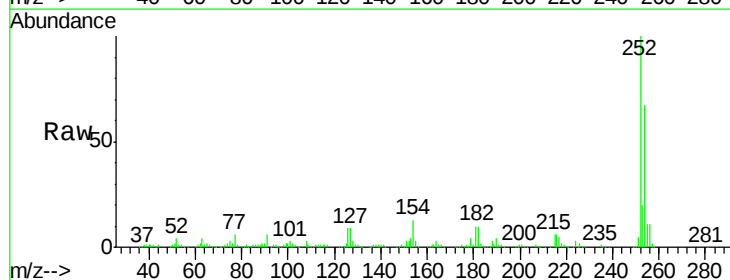
Tgt Ion:252 Resp: 216848

Ion Ratio Lower Upper

252 100

254 67.1 50.9 76.3

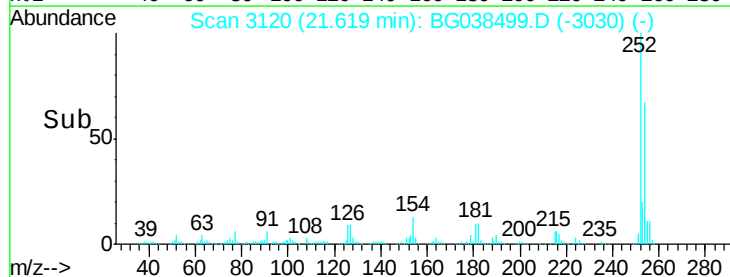
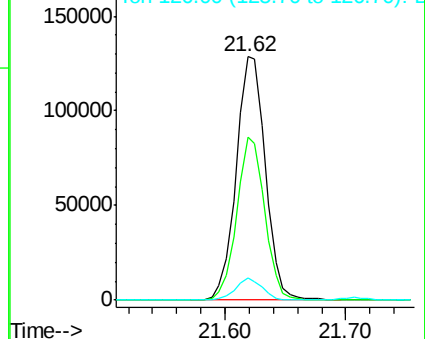
126 9.0 6.3 9.5

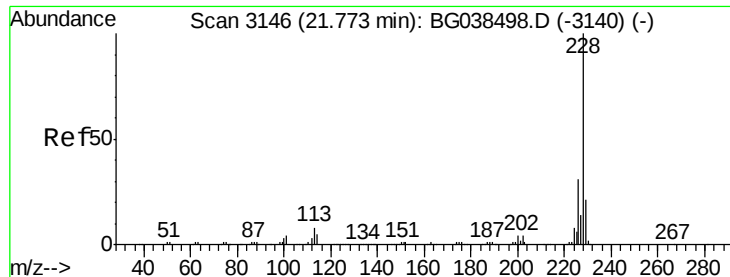


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.444 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

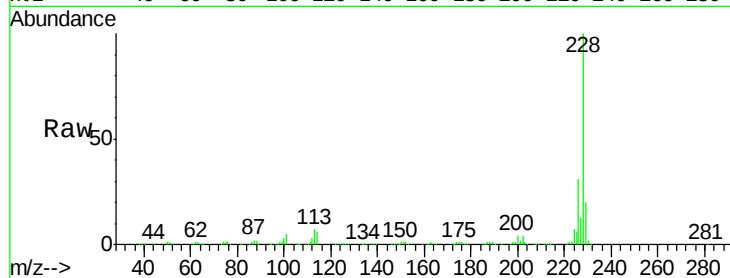
Tgt Ion:228 Resp: 507767

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

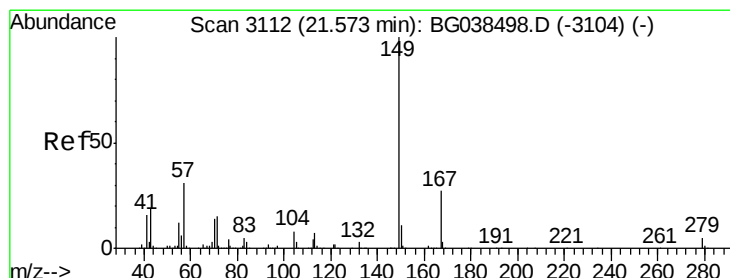
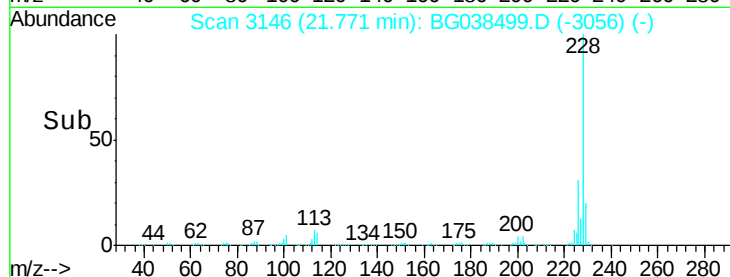
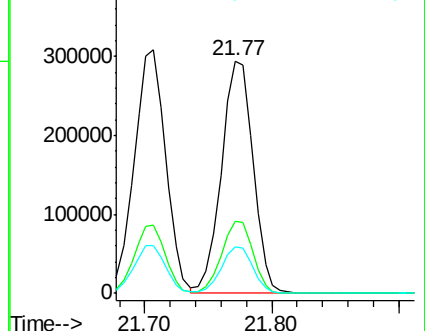
229 20.1 16.5 24.7



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: 47.617 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

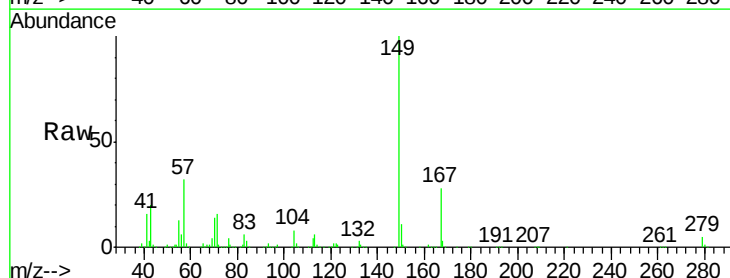
Tgt Ion:149 Resp: 328710

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

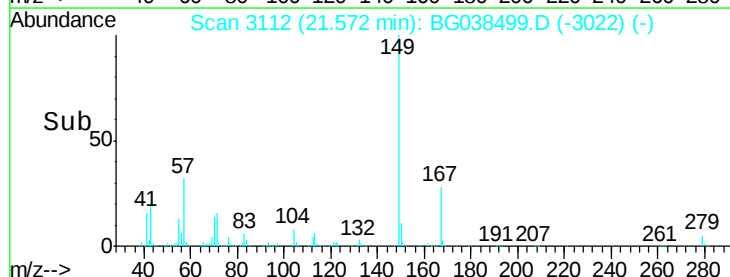
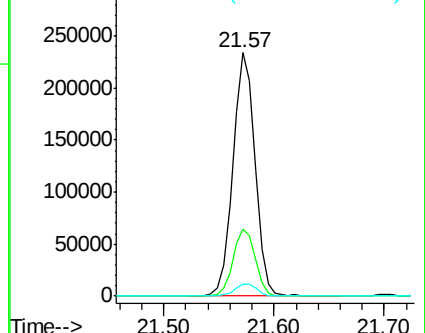
279 4.8 4.2 6.2

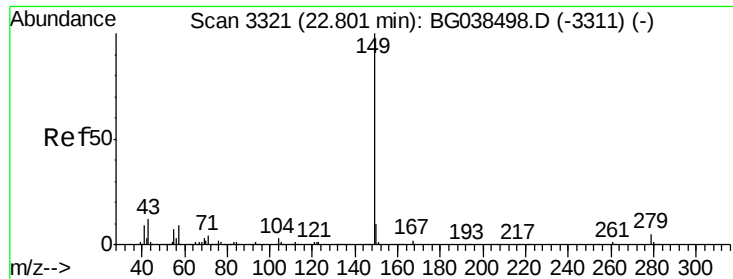


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

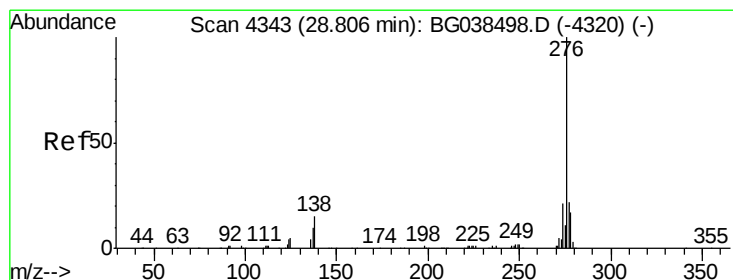
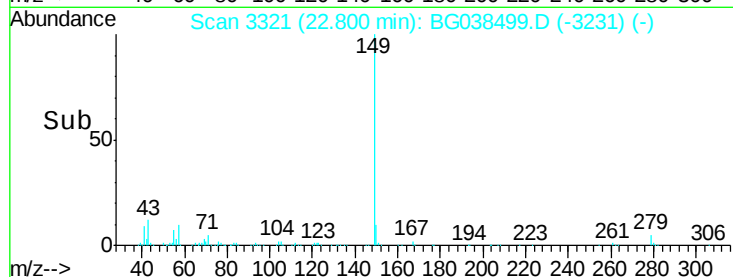
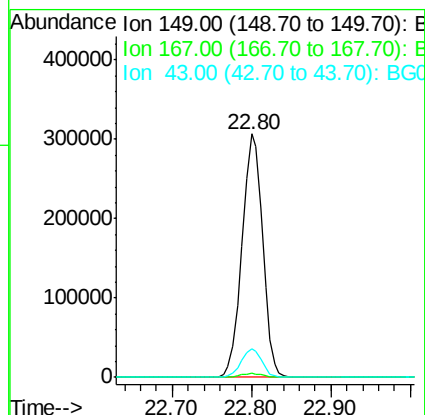
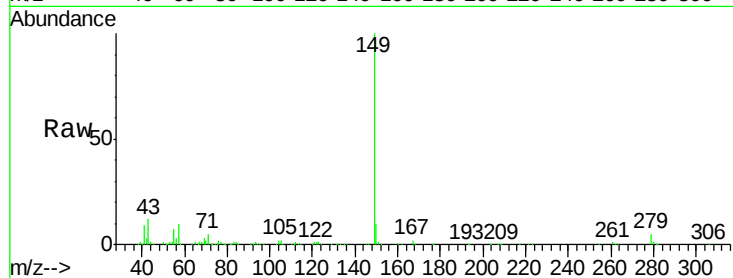




#85  
Di-n-octyl phthalate  
Concen: 46.663 ng  
RT: 22.80 min Scan# 3321  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

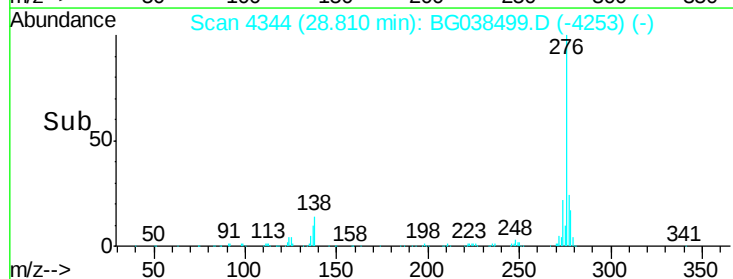
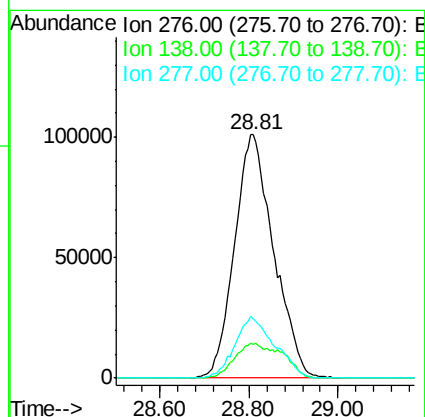
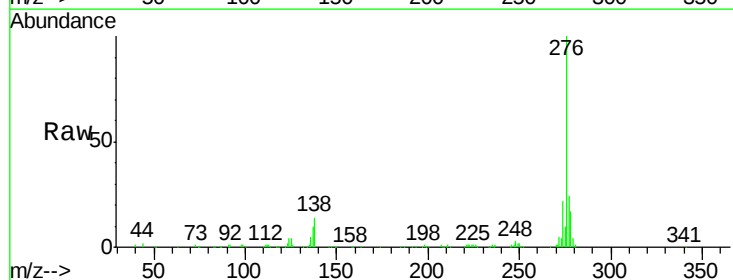
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

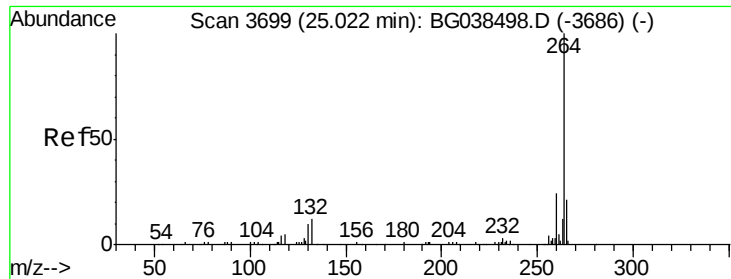
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.9  | 9.3   | 13.9  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 54.064 ng  
RT: 28.81 min Scan# 4344  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.0  | 14.4  | 21.6# |
| 277     | 25.6  | 0.0   | 0.0#  |

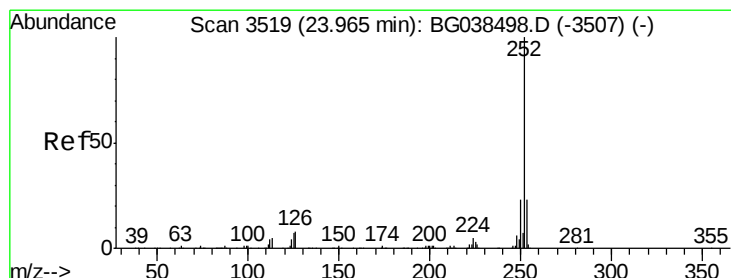
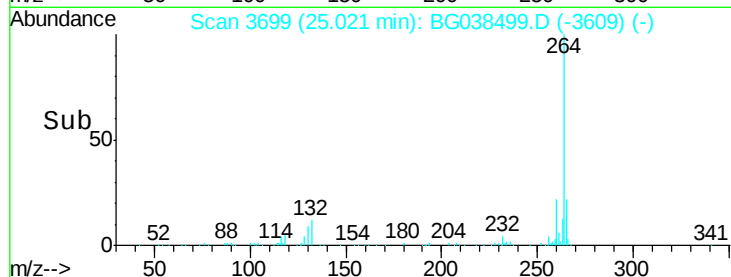
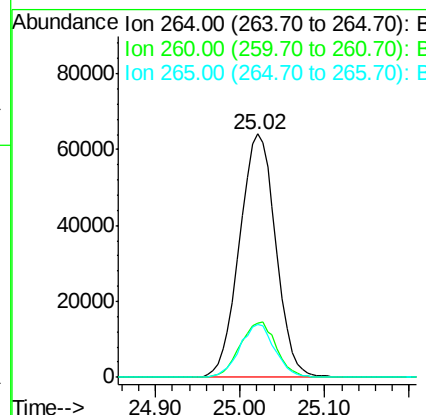
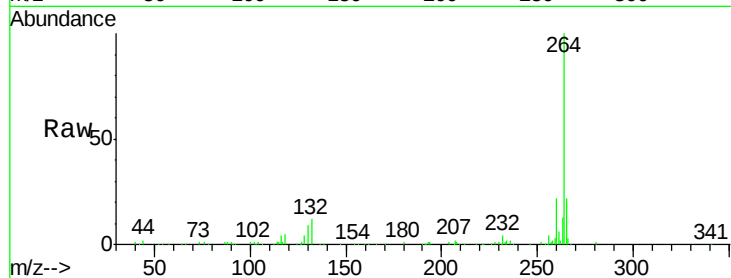




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3699  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

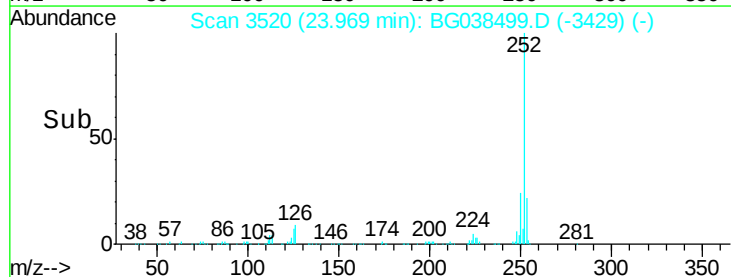
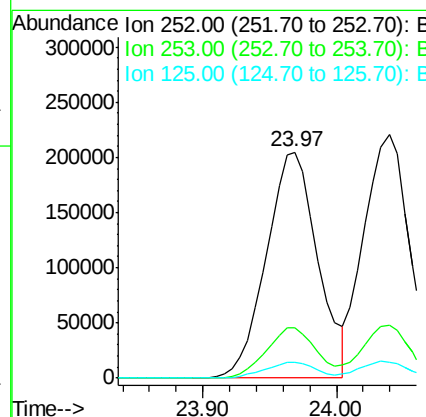
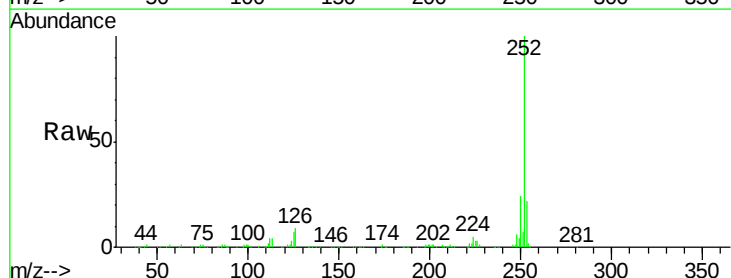
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

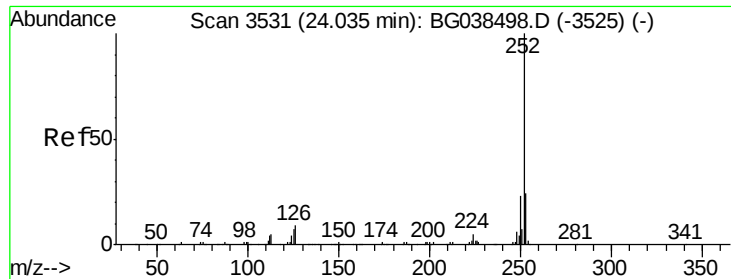
Tgt Ion:264 Resp: 191089  
Ion Ratio Lower Upper  
264 100  
260 22.0 18.9 28.3  
265 21.6 17.0 25.4



#88  
Benzo(b)fluoranthene  
Concen: 50.568 ng  
RT: 23.97 min Scan# 3520  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Tgt Ion:252 Resp: 545989  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.1 27.1  
125 6.8 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 48.404 ng

RT: 24.04 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

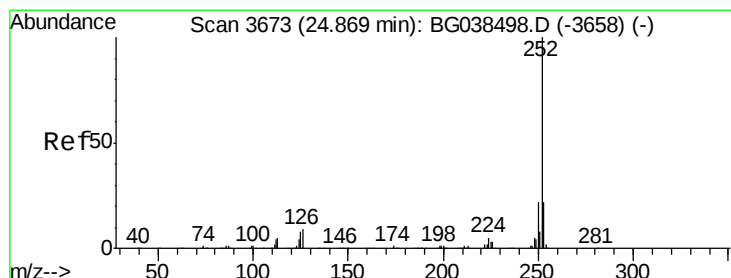
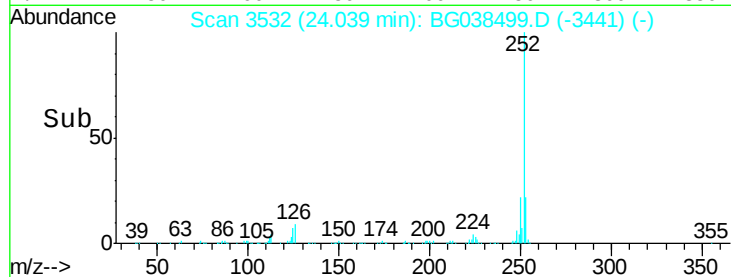
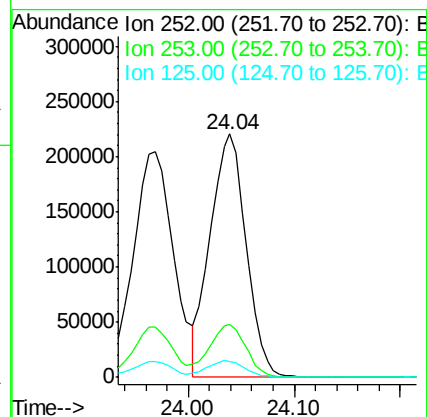
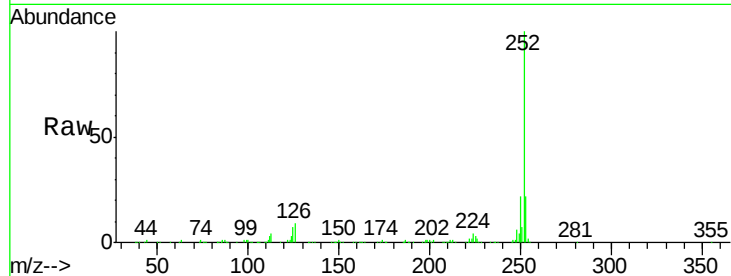
Tgt Ion:252 Resp: 520518

Ion Ratio Lower Upper

252 100

253 21.7 18.9 28.3

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 49.272 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

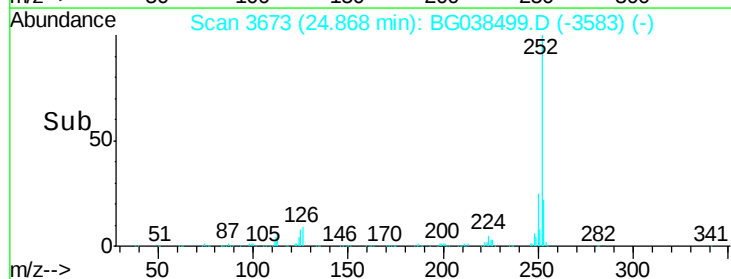
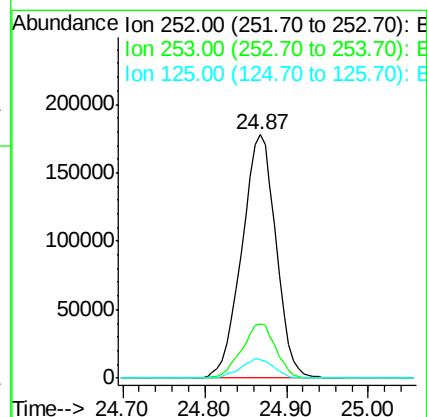
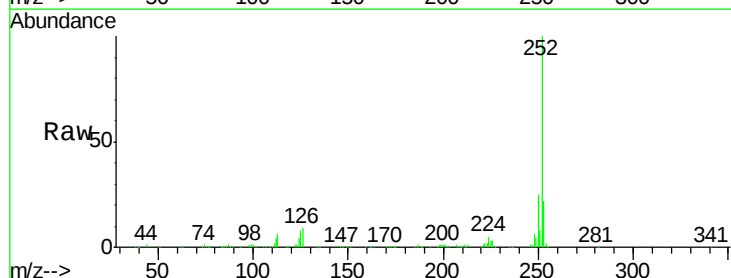
Tgt Ion:252 Resp: 516032

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.6 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 51.968 ng

RT: 28.87 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

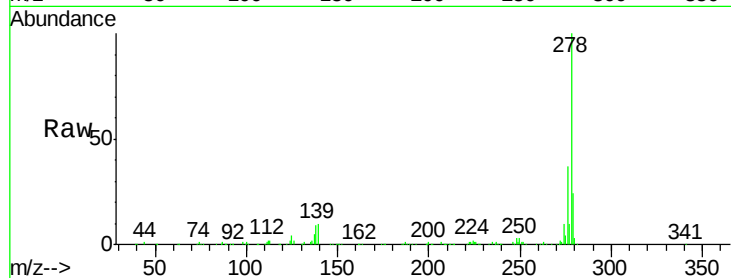
Tgt Ion:278 Resp: 516204

Ion Ratio Lower Upper

278 100

139 10.2 8.6 12.8

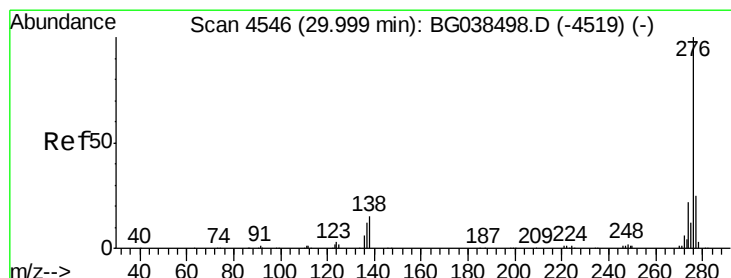
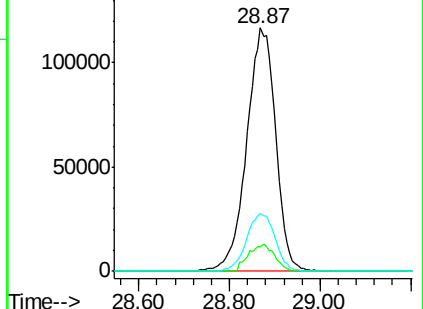
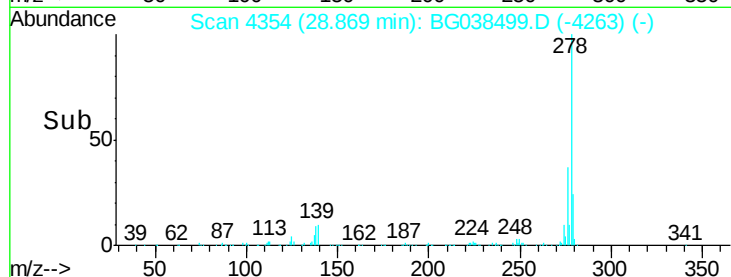
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.425 ng

RT: 30.00 min Scan# 4547

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

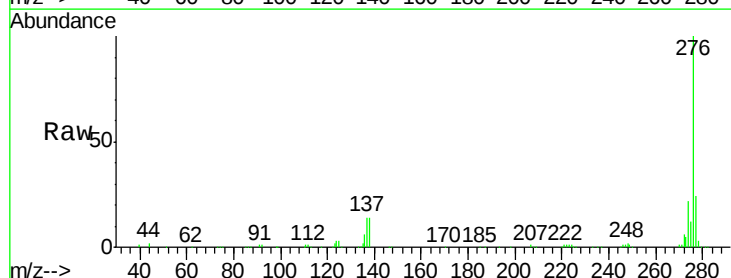
Tgt Ion:276 Resp: 506799

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 13.6 11.8 17.6



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

