

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG121118\  
 Data File : BG038473.D  
 Acq On : 11 Dec 2018 17:20  
 Operator : JU/SJ  
 Sample : PB115480BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

Quant Time: Dec 12 03:16:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 27732    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 123222   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 82075    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 255531   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 187745   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.04 | 264  | 249912   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 173151 | 110.49 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 238132 | 105.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 154936 | 62.43  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 112113 | 111.27 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 376044 | 65.29  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 645437 | 73.65  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 15608  | 21.731 | ng | # 87   |
| 3) Pyridine                    | 3.90  | 79  | 45799  | 21.315 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 33723  | 35.829 | ng | # 77   |
| 6) Aniline                     | 7.39  | 93  | 60927  | 21.061 | ng | 99     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 64706  | 35.553 | ng | 98     |
| 9) Benzaldehyde                | 7.21  | 77  | 36113  | 25.179 | ng | 95     |
| 10) Phenol                     | 7.25  | 94  | 84827  | 35.446 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 56785  | 28.973 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 63561  | 29.881 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 64893  | 29.485 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 62782  | 28.688 | ng | 95     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 58881  | 31.620 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 130923 | 29.368 | ng | 96     |
| 17) 2-Methylphenol             | 8.50  | 107 | 59527  | 34.756 | ng | 93     |
| 18) Hexachloroethane           | 9.15  | 117 | 23593  | 29.701 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 50599  | 30.041 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 81351  | 33.743 | ng | 97     |
| 22) Acetophenone               | 8.90  | 105 | 96795  | 32.024 | ng | # 89   |
| 24) Nitrobenzene               | 9.29  | 77  | 78067  | 30.959 | ng | 99     |
| 25) Isophorone                 | 9.80  | 82  | 144690 | 33.173 | ng | # 96   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 37798  | 32.351 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 66696  | 39.744 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 83351  | 33.335 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 72305  | 37.745 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 74247  | 33.017 | ng | 98     |
| 31) Naphthalene                | 10.94 | 128 | 212967 | 36.182 | ng | 100    |
| 32) Benzoic acid               | 10.19 | 122 | 22925  | 22.092 | ng | 98     |
| 33) 4-Chloroaniline            | 11.05 | 127 | 26421  | 10.140 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 46569  | 33.102 | ng | 95     |
| 35) Caprolactam                | 11.84 | 113 | 25812  | 32.583 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107 | 79041  | 37.136 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 153666 | 36.659 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 148493 | 36.987 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 89637  | 31.739 | ng | 99     |

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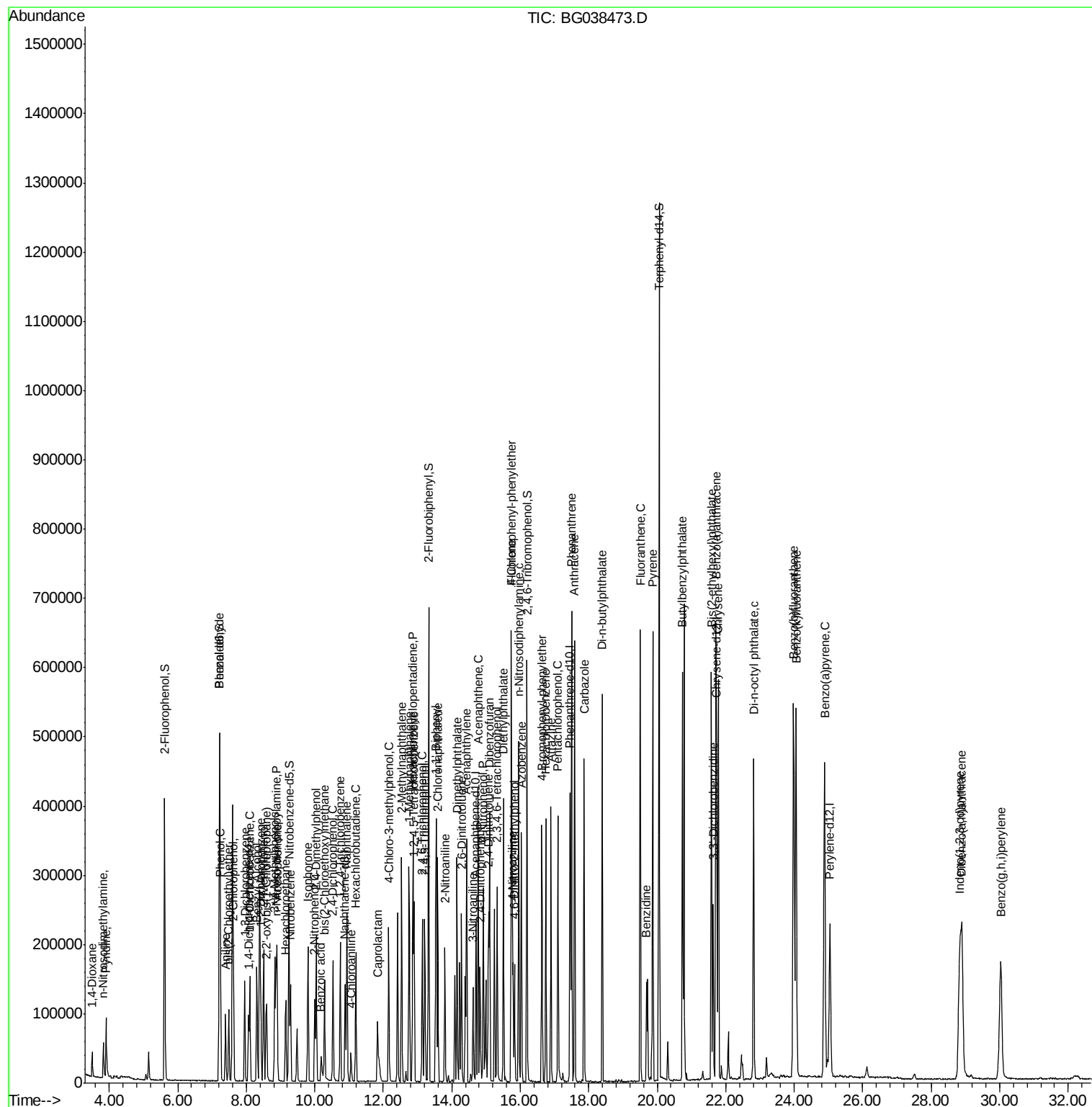
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 110105   | 70.944 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 62426    | 34.122 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 69615    | 35.919 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 206740   | 29.800 | ng    | 94       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 166273   | 31.761 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 58872    | 33.519 | ng    | 95       |
| 49) Acenaphthylene             | 14.43 | 152  | 269265   | 34.151 | ng    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 222901   | 33.859 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 50982    | 33.902 | ng    | 90       |
| 52) Acenaphthene               | 14.77 | 154  | 157212   | 32.707 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 34675    | 21.410 | ng    | # 96     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 44508    | 53.993 | ng    | 92       |
| 55) Dibenzofuran               | 15.10 | 168  | 263510   | 33.161 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 74490    | 58.225 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 73432    | 35.405 | ng    | 96       |
| 58) Fluorene                   | 15.75 | 166  | 213929   | 36.541 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 63205    | 37.549 | ng    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 233391   | 32.001 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 118161   | 33.602 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 53293    | 33.456 | ng    | # 84     |
| 63) Azobenzene                 | 16.03 | 77   | 202881   | 31.785 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 41378    | 24.714 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 195440   | 27.199 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 77093    | 27.938 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 80995    | 28.456 | ng    | 92       |
| 69) Atrazine                   | 16.89 | 200  | 77750    | 28.998 | ng    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 84805    | 43.500 | ng    | 97       |
| 71) Phenanthrene               | 17.49 | 178  | 441319   | 34.487 | ng    | 98       |
| 72) Anthracene                 | 17.59 | 178  | 430829   | 34.765 | ng    | 99       |
| 73) Carbazole                  | 17.86 | 167  | 332187   | 27.008 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 405478   | 28.219 | ng    | 98       |
| 75) Fluoranthene               | 19.50 | 202  | 447613   | 29.938 | ng    | 96       |
| 77) Benzidine                  | 19.69 | 184  | 99891    | 15.767 | ng    | 98       |
| 78) Pyrene                     | 19.87 | 202  | 444135   | 33.810 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 177937   | 33.678 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 420345   | 36.428 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 101182   | 22.541 | ng    | # 97     |
| 83) Chrysene                   | 21.78 | 228  | 391749   | 35.876 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 243657   | 32.537 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 416668   | 32.450 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 466496   | 37.591 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.98 | 252  | 546597   | 38.708 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 536046   | 38.115 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 527740   | 38.529 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.89 | 278  | 383934   | 29.554 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.03 | 276  | 382395   | 29.669 | ng    | # 94     |

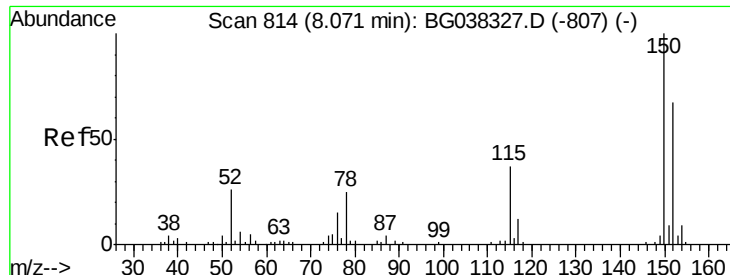
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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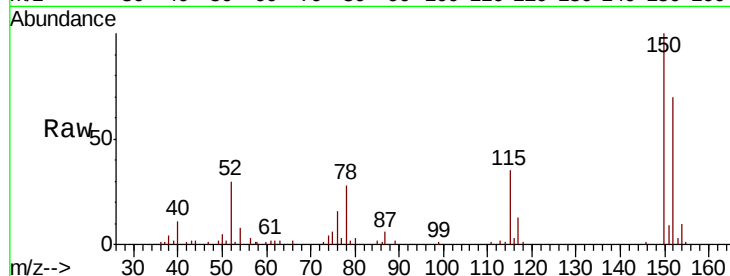


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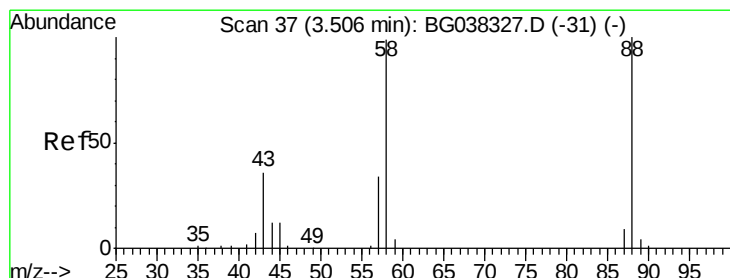
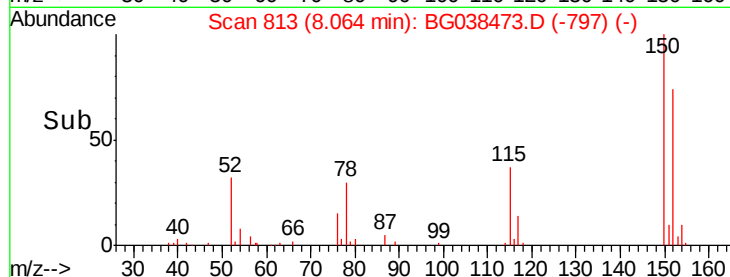
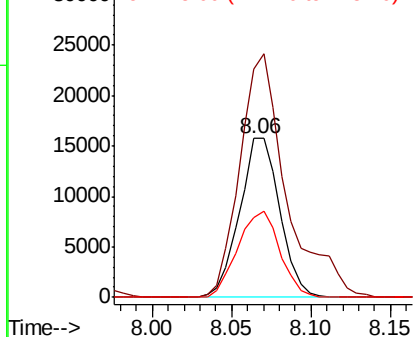
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

Tgt Ion: 152 Resp: 27732  
Ion Ratio Lower Upper  
152 100  
150 143.4 126.0 189.0  
115 50.4 45.5 68.3



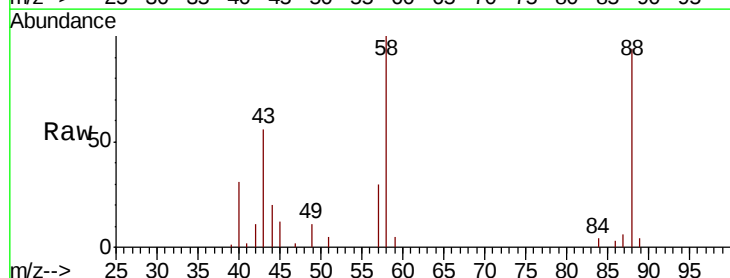
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



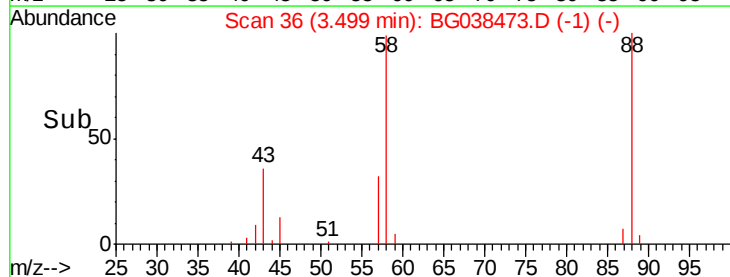
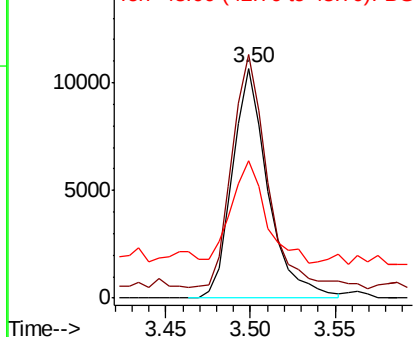
#2

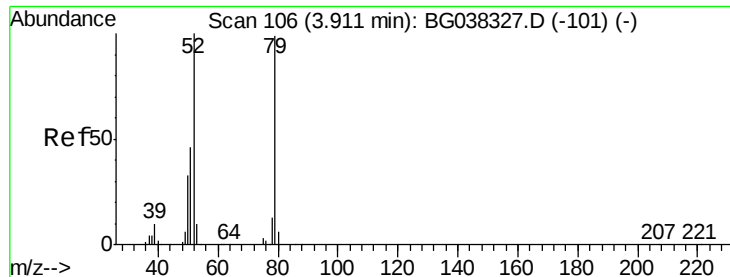
1,4-Dioxane  
Concen: 21.731 ng  
RT: 3.50 min Scan# 36  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion: 88 Resp: 15608  
Ion Ratio Lower Upper  
88 100  
58 103.7 74.4 111.6  
43 43.7 25.8 38.8#



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





#3

Pyridine

Concen: 21.315 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

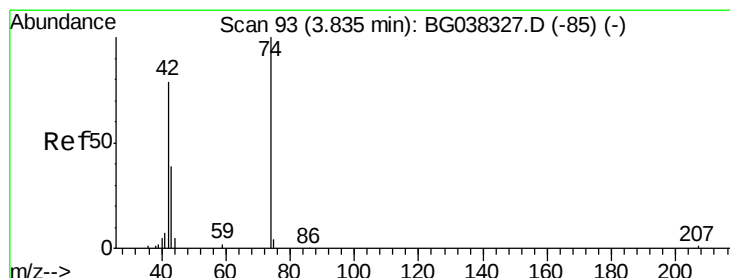
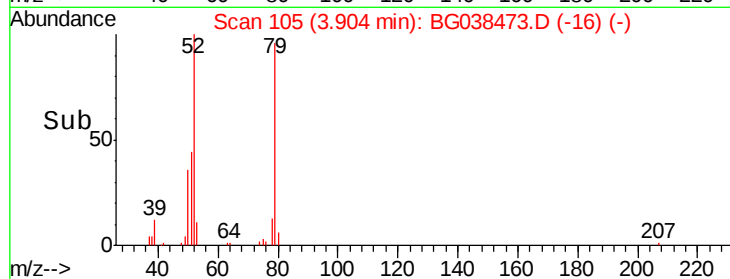
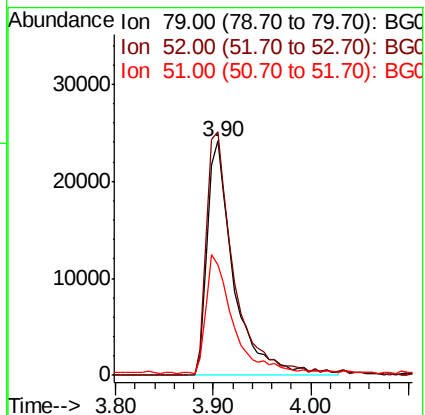
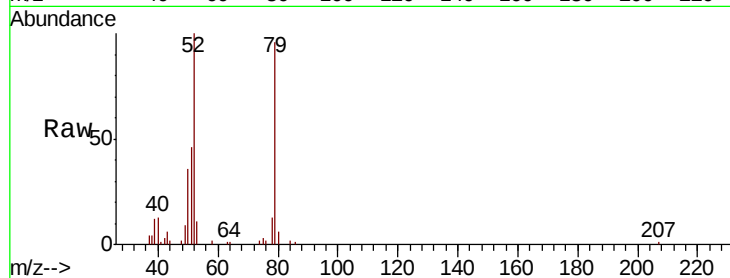
Tgt Ion: 79 Resp: 45799

Ion Ratio Lower Upper

79 100

52 104.0 74.2 111.2

51 47.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 35.829 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

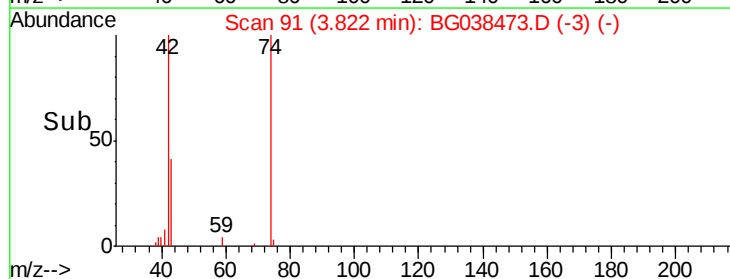
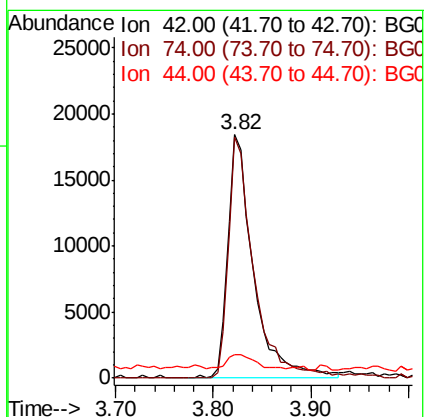
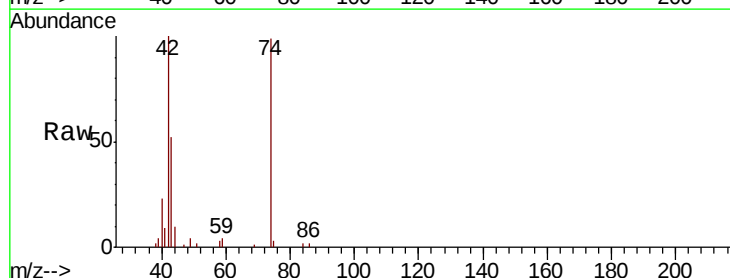
Tgt Ion: 42 Resp: 33723

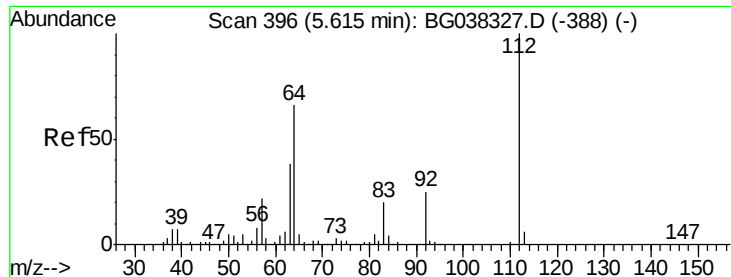
Ion Ratio Lower Upper

42 100

74 98.8 102.0 153.0#

44 9.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 110.492 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

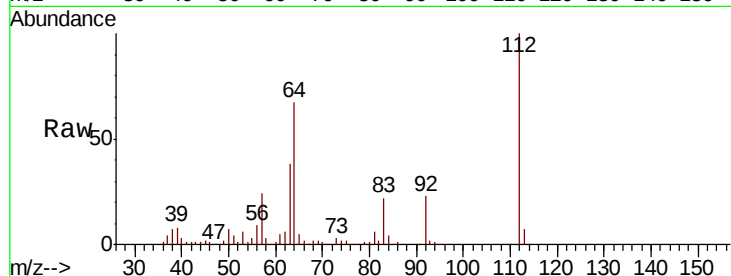
Tgt Ion: 112 Resp: 173151

Ion Ratio Lower Upper

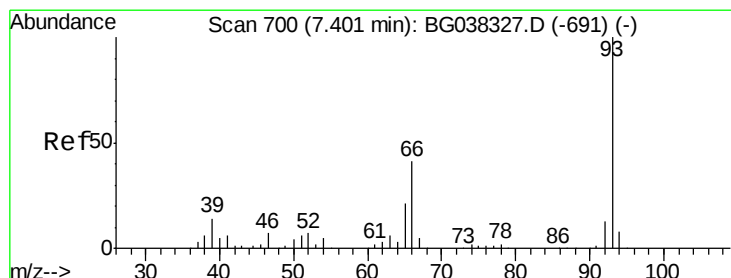
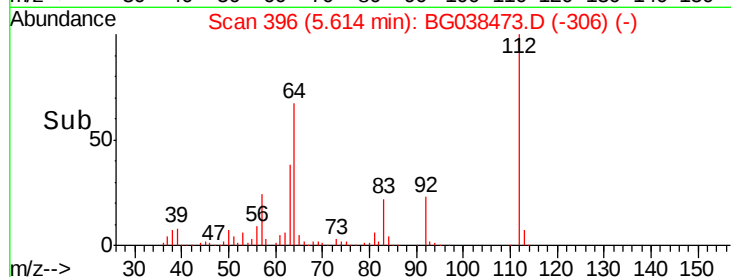
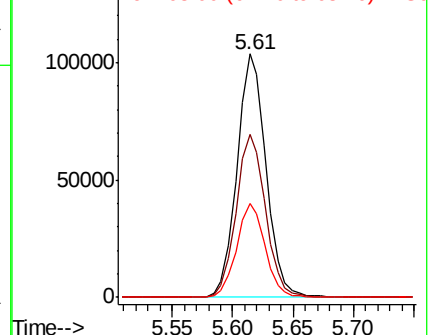
112 100

64 66.8 53.1 79.7

63 38.3 27.3 40.9



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: 21.061 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

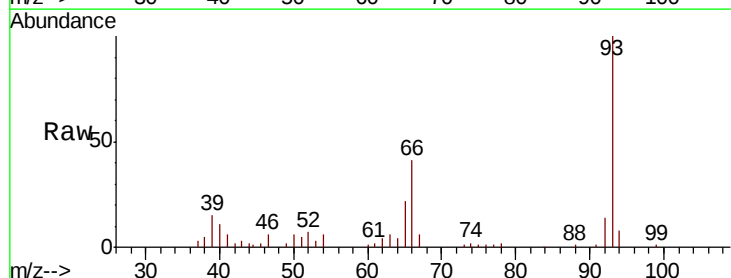
Tgt Ion: 93 Resp: 60927

Ion Ratio Lower Upper

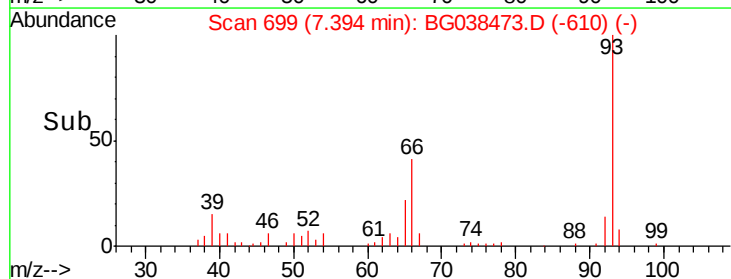
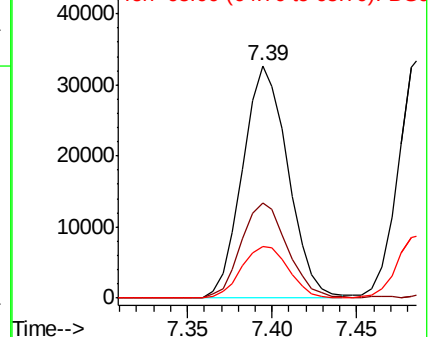
93 100

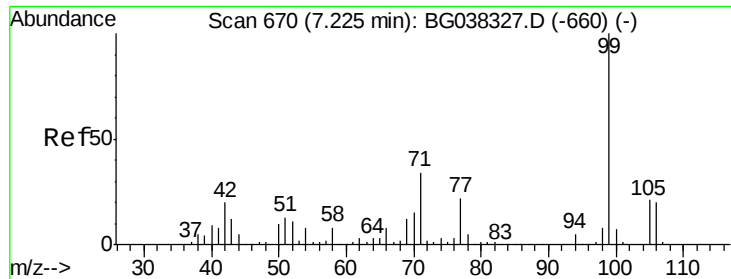
66 41.1 32.8 49.2

65 22.2 16.4 24.6



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: 105.137 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

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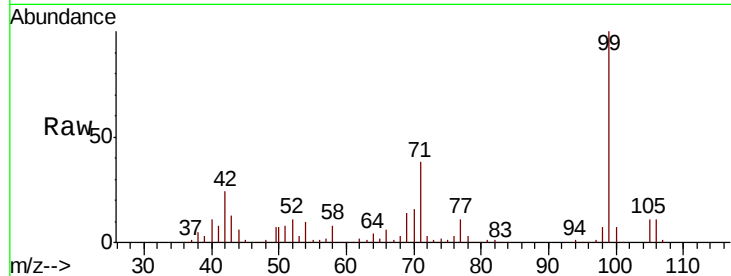
Tgt Ion: 99 Resp: 238132

Ion Ratio Lower Upper

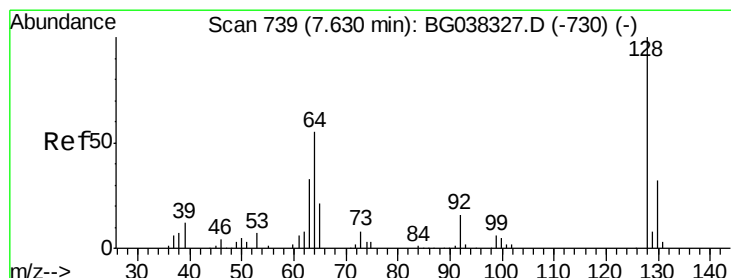
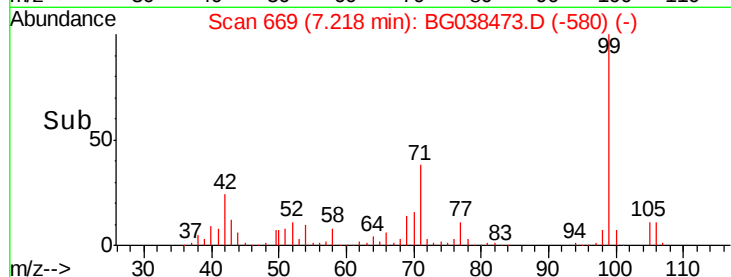
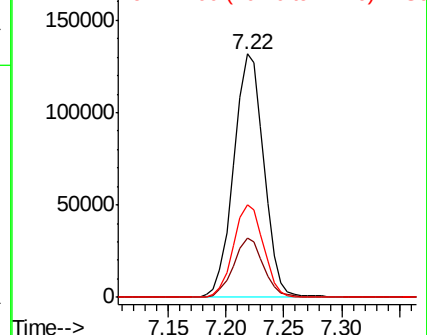
99 100

42 24.3 15.0 22.4#

71 38.3 25.5 38.3



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: 35.553 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

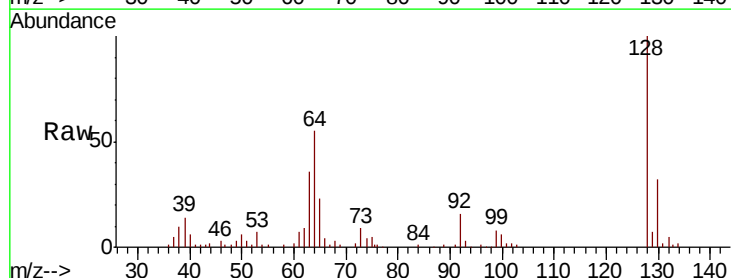
Tgt Ion: 128 Resp: 64706

Ion Ratio Lower Upper

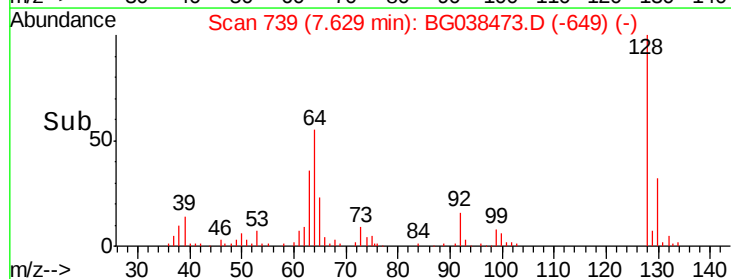
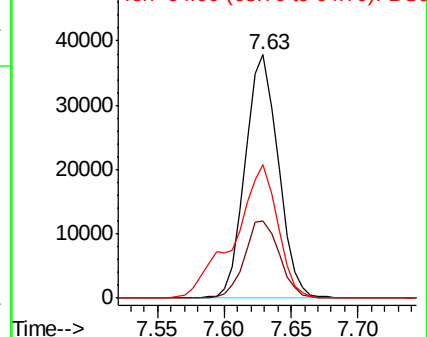
128 100

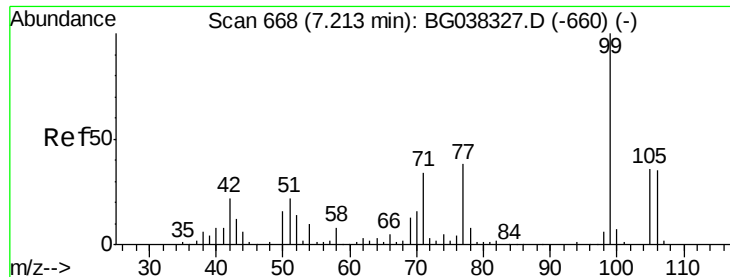
130 31.7 12.0 52.0

64 54.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 25.179 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

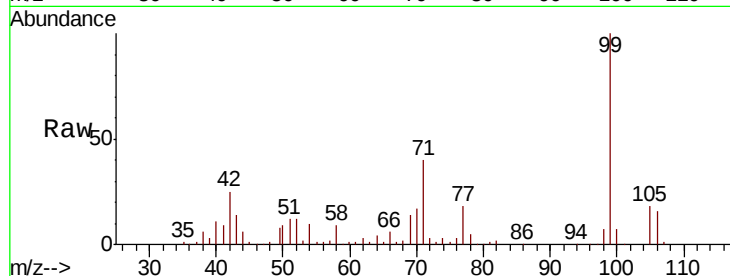
Tgt Ion: 77 Resp: 36113

Ion Ratio Lower Upper

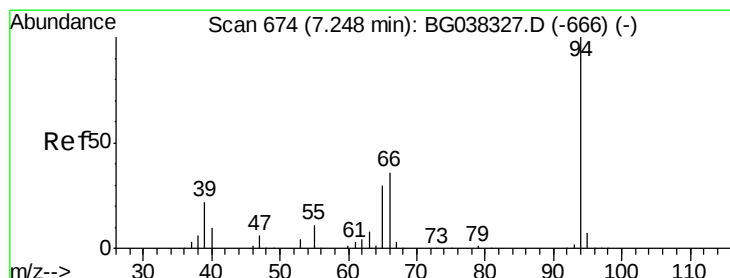
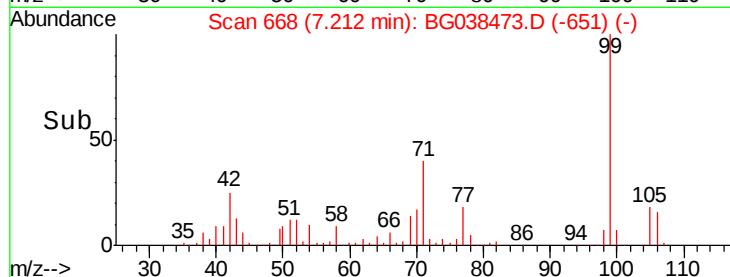
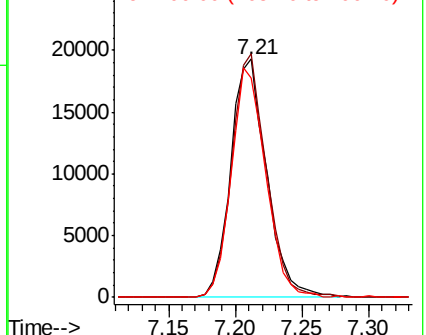
77 100

105 102.1 72.6 112.6

106 92.2 71.3 111.3



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: 35.446 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

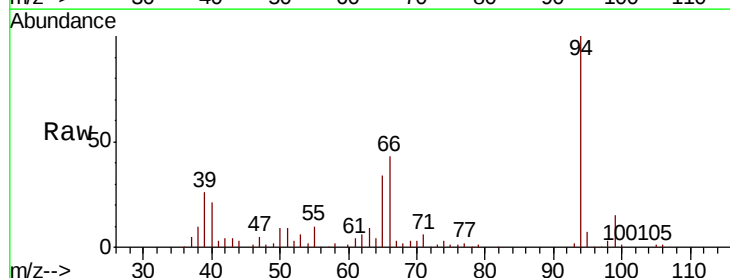
Tgt Ion: 94 Resp: 84827

Ion Ratio Lower Upper

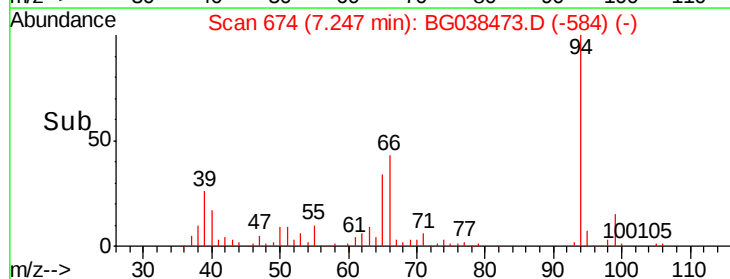
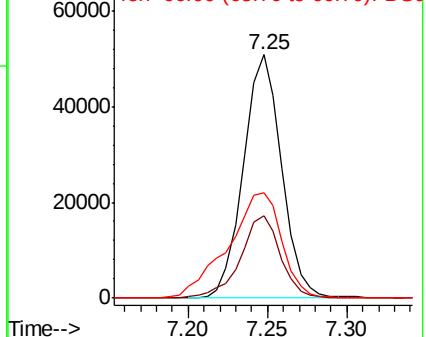
94 100

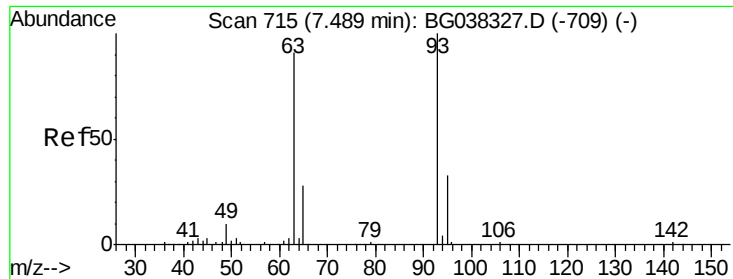
65 33.8 9.7 49.7

66 43.3 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 28.973 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

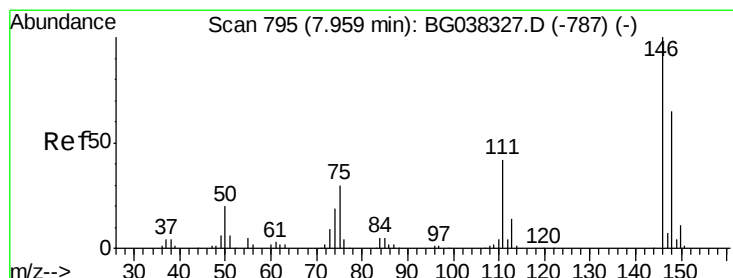
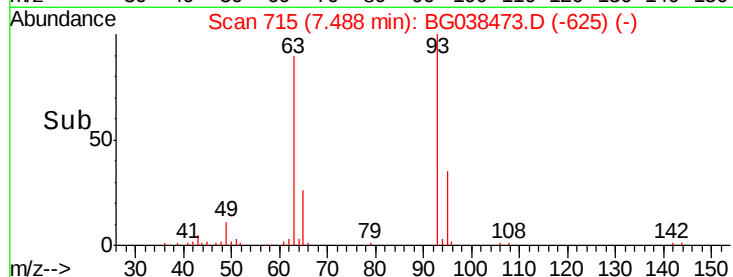
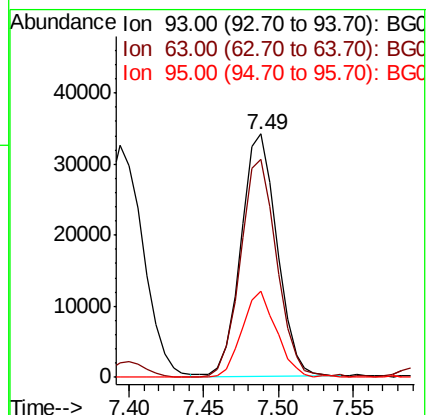
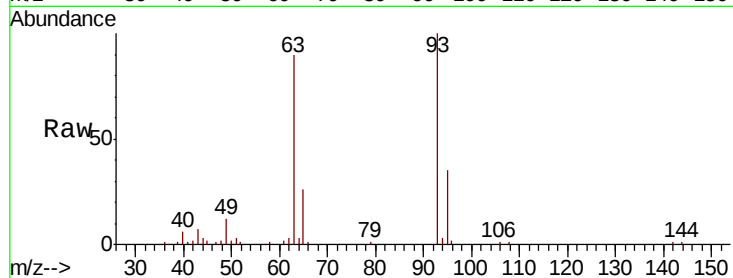
Tgt Ion: 93 Resp: 56785

Ion Ratio Lower Upper

93 100

63 89.5 69.5 109.5

95 35.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 29.881 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

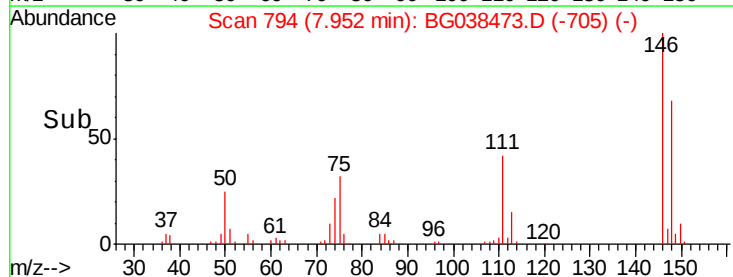
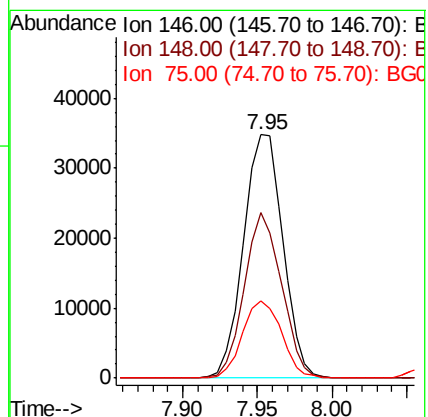
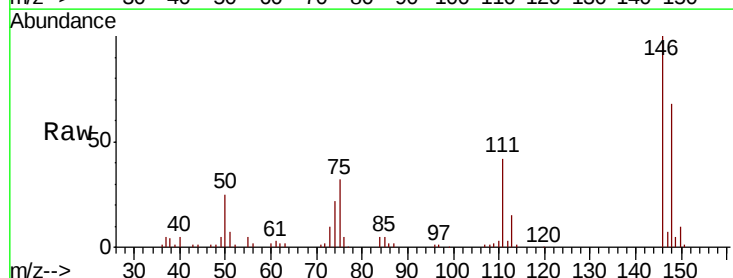
Tgt Ion: 146 Resp: 63561

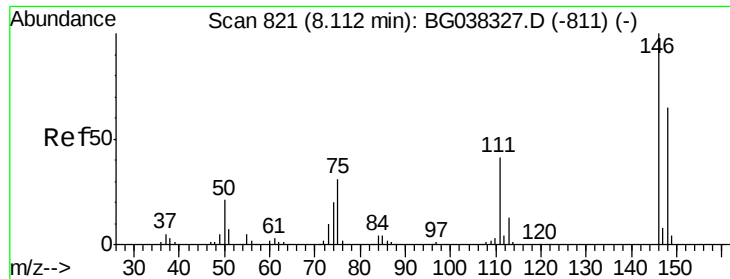
Ion Ratio Lower Upper

146 100

148 68.1 49.8 74.8

75 31.7 23.2 34.8

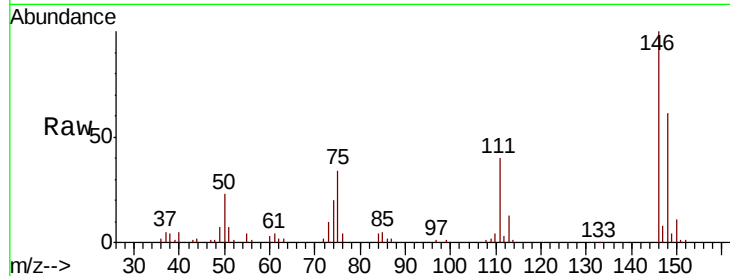




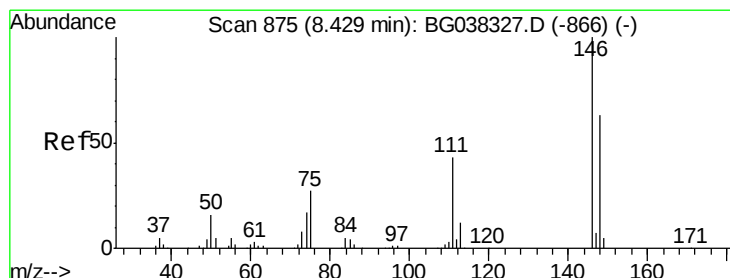
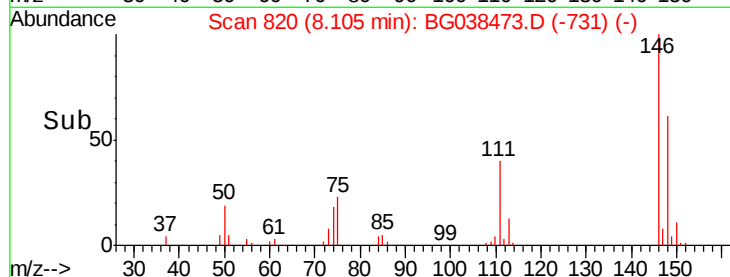
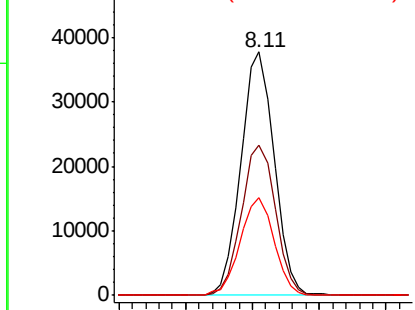
#13  
 1,4-Dichlorobenzene  
 Concen: 29.485 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

Tgt Ion:146 Resp: 64893  
 Ion Ratio Lower Upper  
 146 100  
 148 61.5 51.0 76.6  
 111 40.3 32.4 48.6

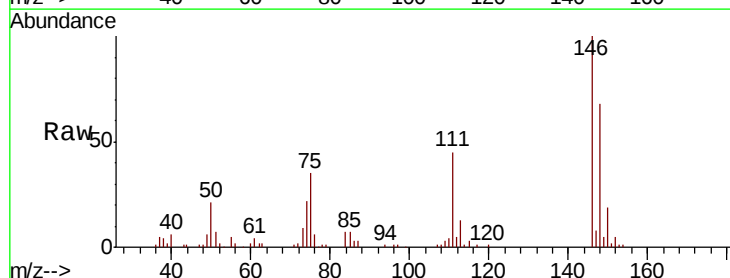


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

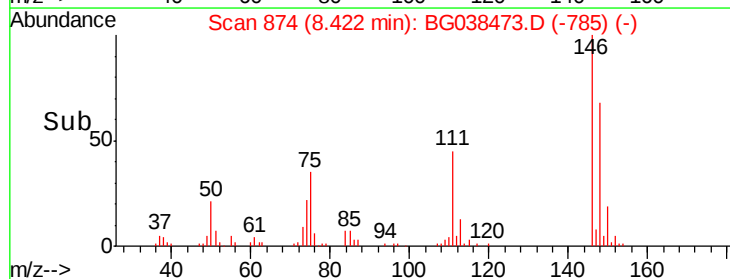
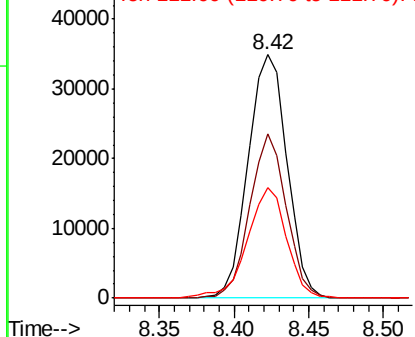


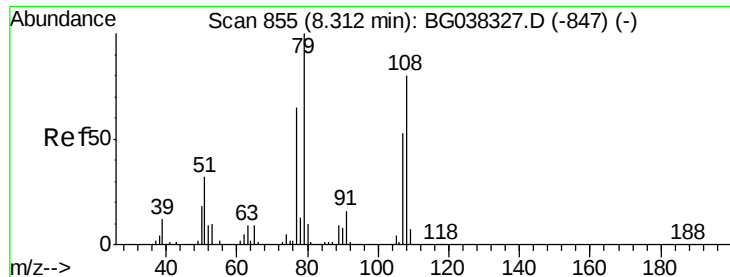
#14  
 1,2-Dichlorobenzene  
 Concen: 28.688 ng  
 RT: 8.42 min Scan# 874  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion:146 Resp: 62782  
 Ion Ratio Lower Upper  
 146 100  
 148 67.5 50.4 75.6  
 111 45.4 34.6 51.8



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: 31.620 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

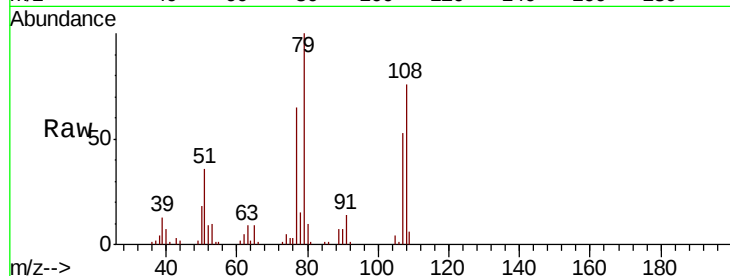
Tgt Ion: 79 Resp: 58881

Ion Ratio Lower Upper

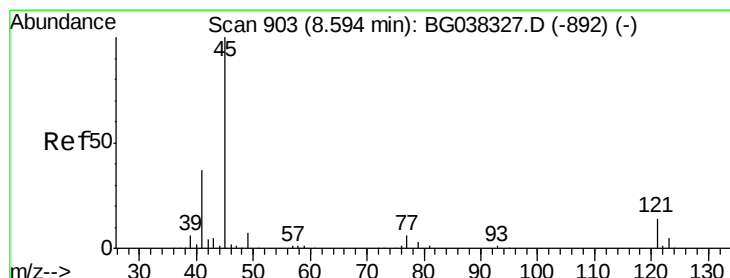
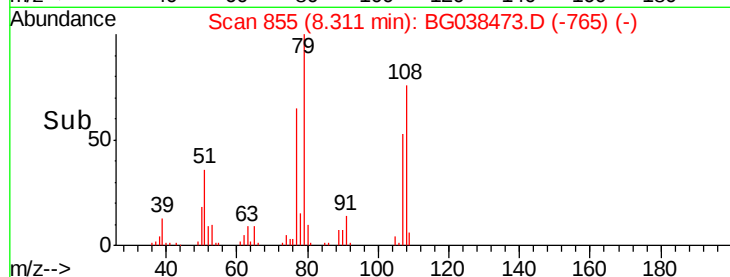
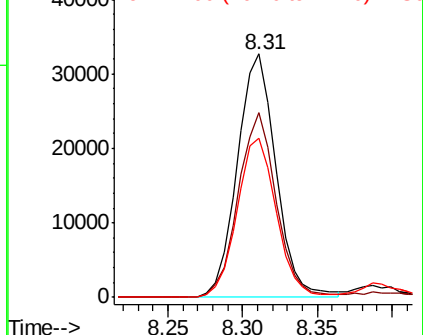
79 100

108 75.7 65.8 98.8

77 65.3 52.9 79.3



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: 29.368 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

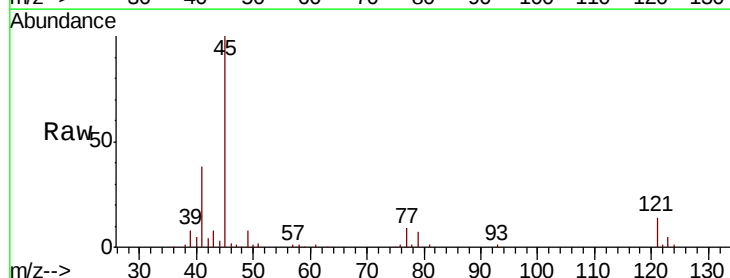
Tgt Ion: 45 Resp: 130923

Ion Ratio Lower Upper

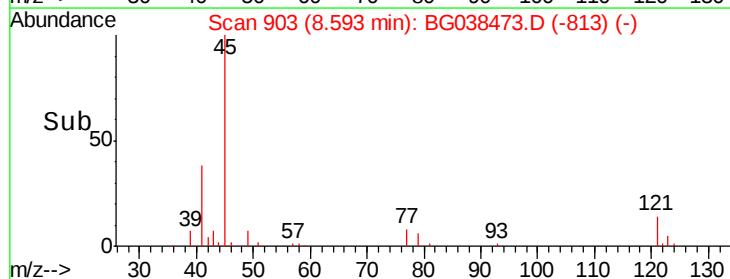
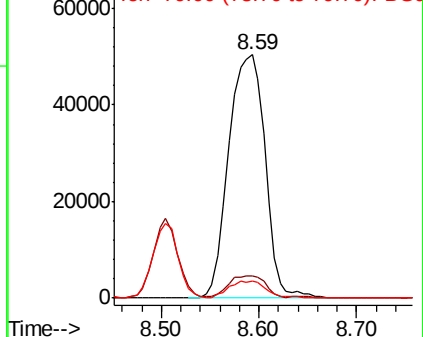
45 100

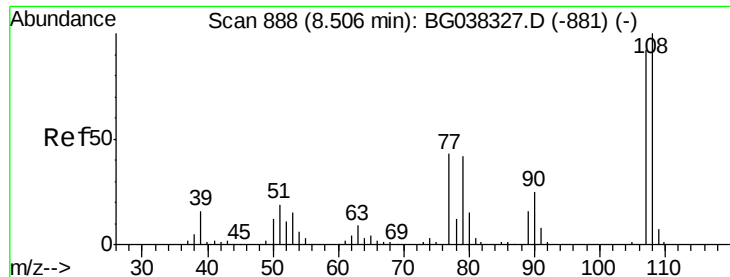
77 8.9 0.0 30.0

79 6.8 0.0 29.0



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

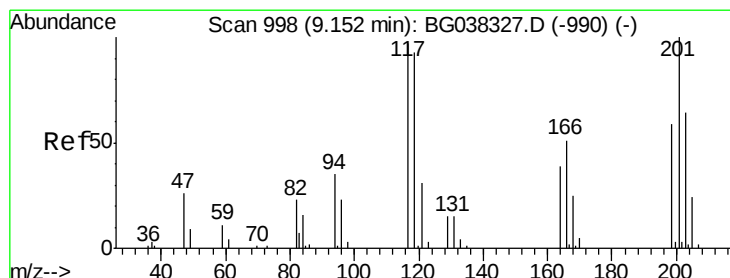
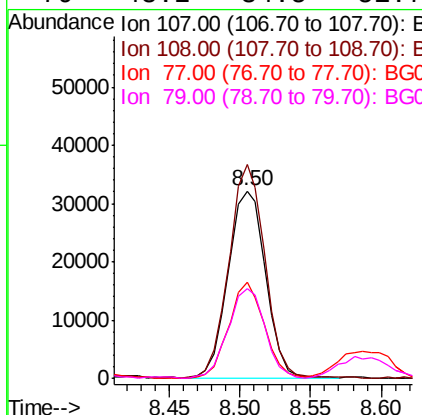
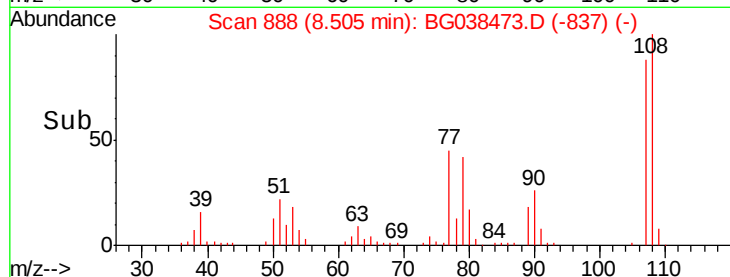
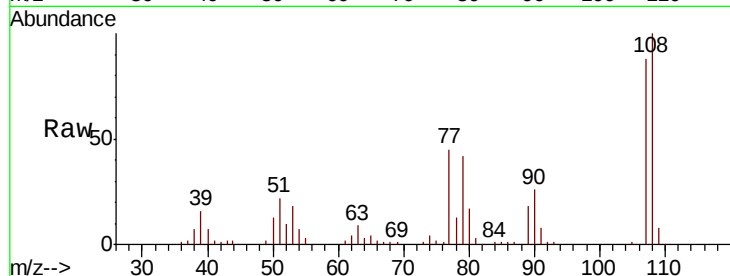




#17  
2-Methylphenol  
Concen: 34.756 ng  
RT: 8.50 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

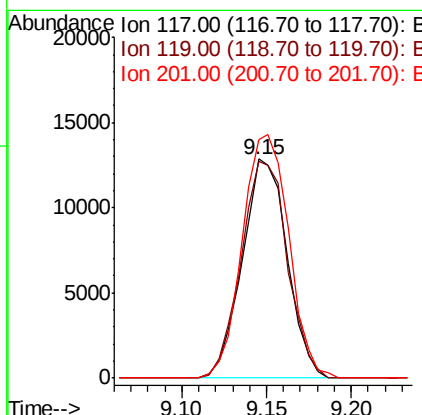
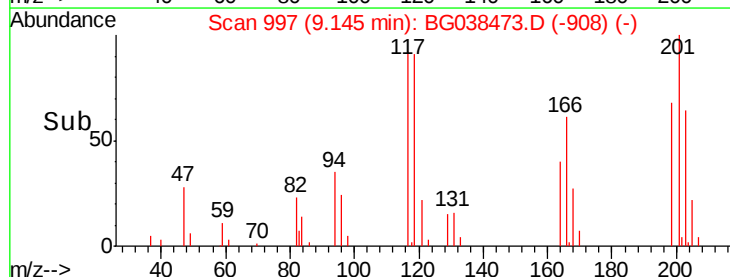
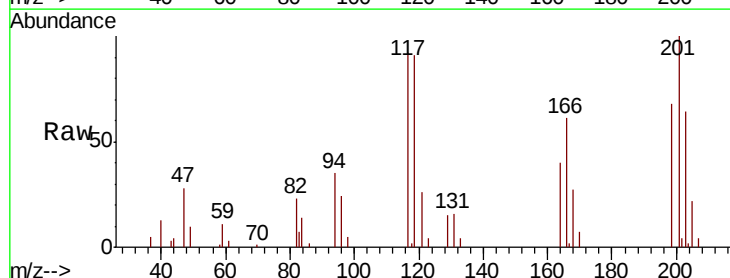
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

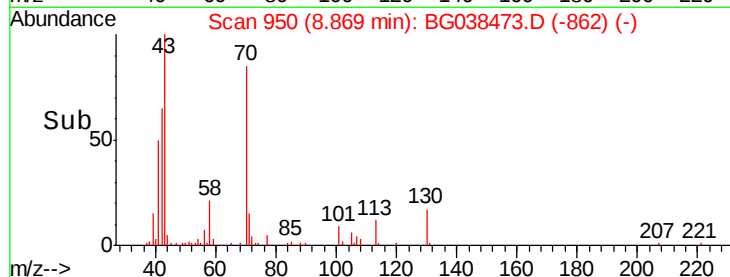
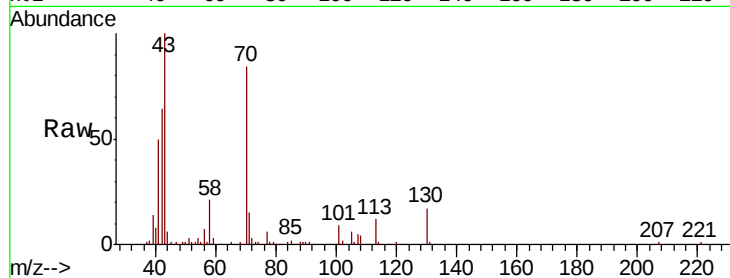
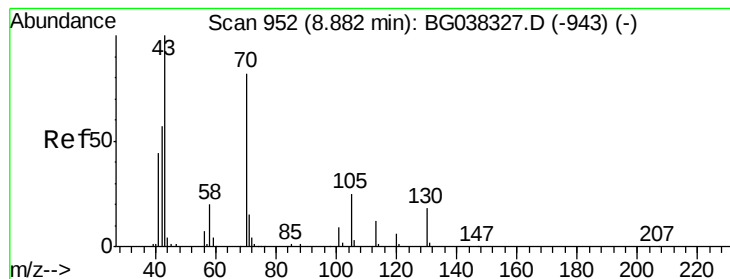
Tgt Ion:107 Resp: 59527  
Ion Ratio Lower Upper  
107 100  
108 114.2 87.9 131.9  
77 51.3 35.1 52.7  
79 48.2 34.5 51.7



#18  
Hexachloroethane  
Concen: 29.701 ng  
RT: 9.15 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:117 Resp: 23593  
Ion Ratio Lower Upper  
117 100  
119 99.1 74.6 111.8  
201 112.6 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 30.041 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

Tgt Ion: 70 Resp: 50599

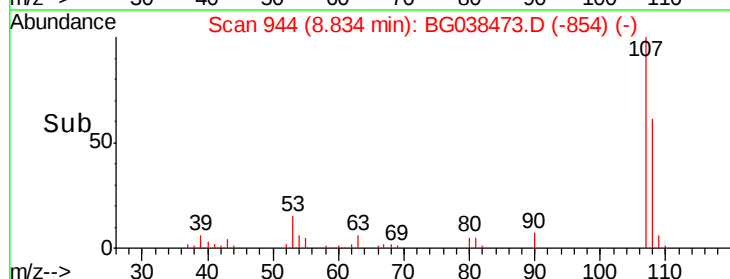
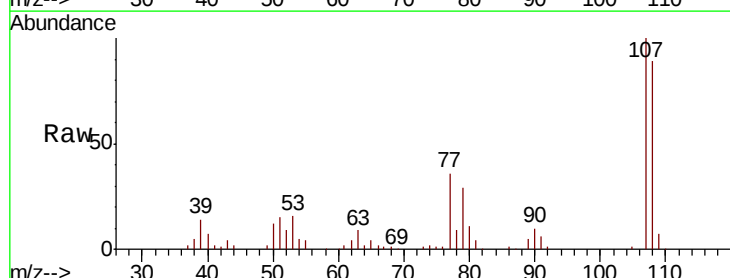
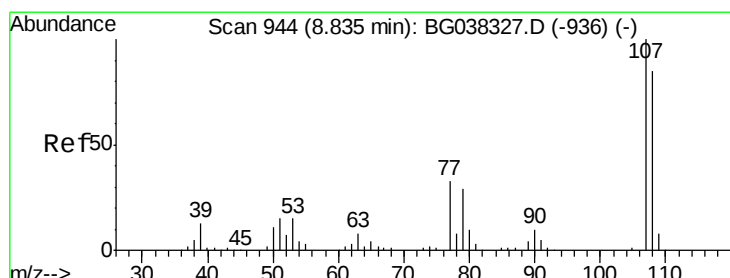
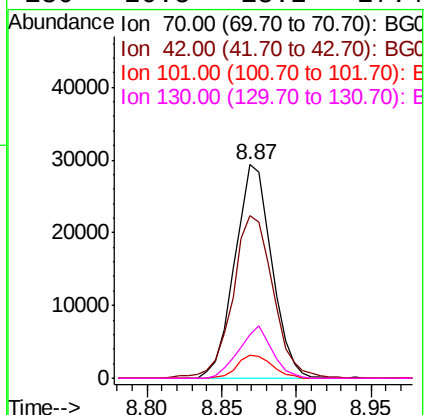
Ion Ratio Lower Upper

70 100

42 76.0 53.9 80.9

101 10.5 8.2 12.2

130 20.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 33.743 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion: 107 Resp: 81351

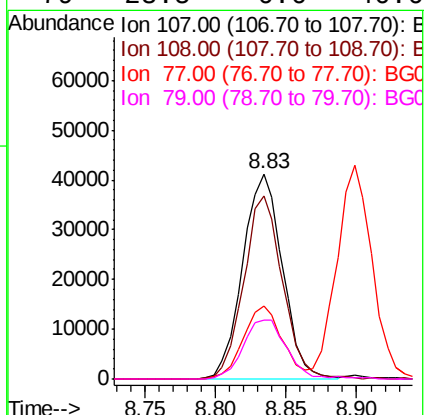
Ion Ratio Lower Upper

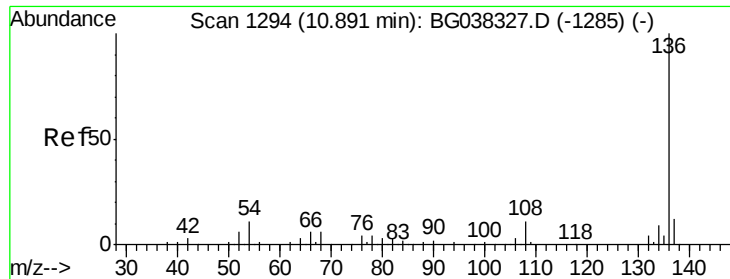
107 100

108 89.2 69.9 109.9

77 35.7 11.2 51.2

79 28.5 6.6 46.6

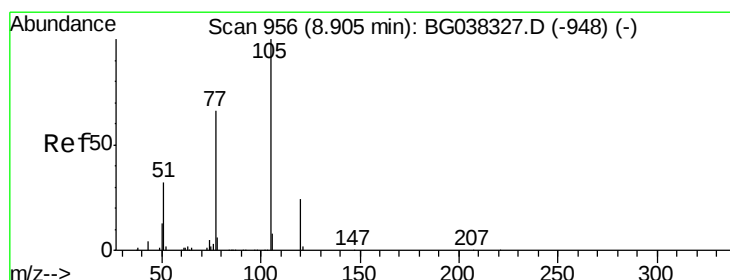
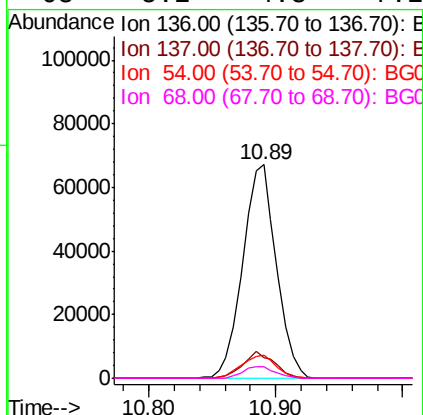
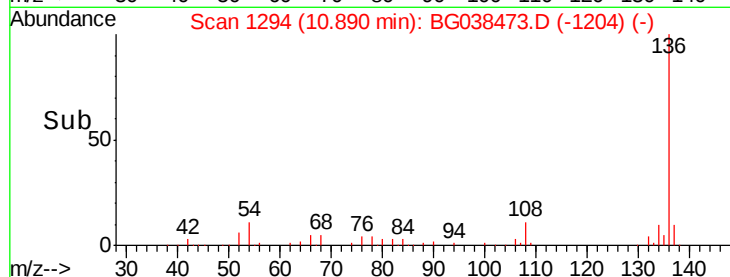
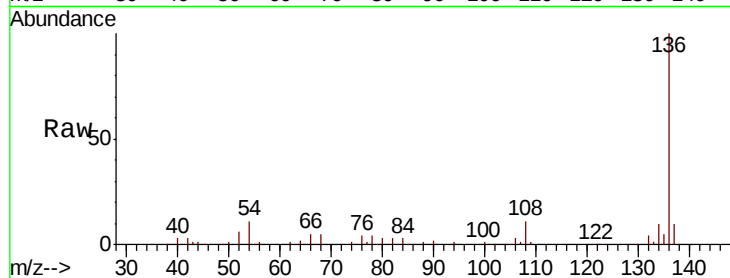




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

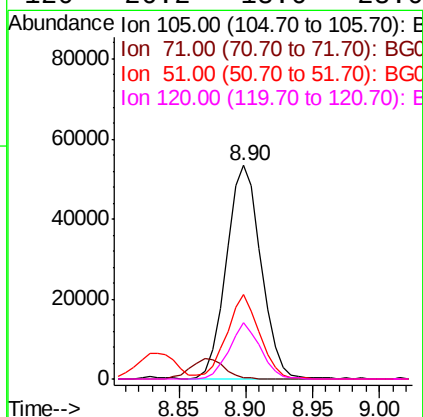
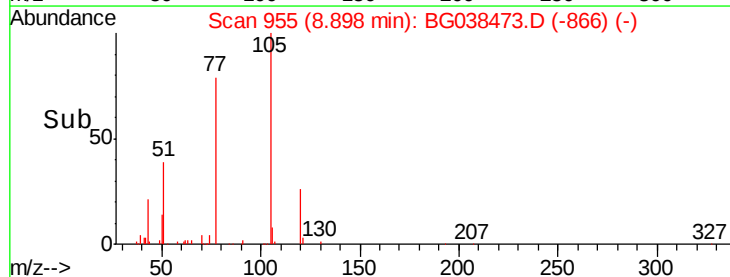
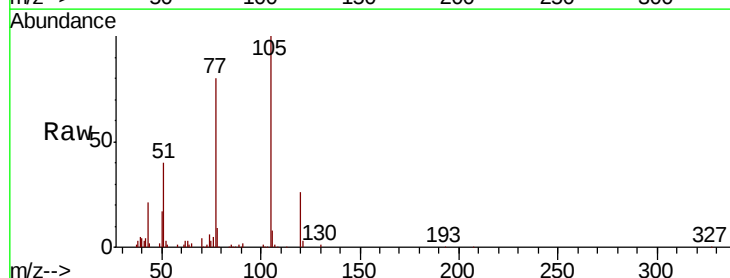
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

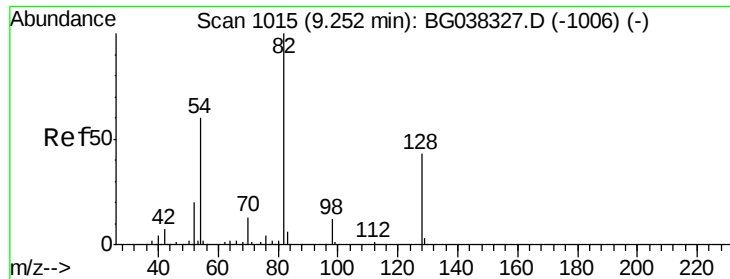
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 123222 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 9.8   | 9.6   | 14.4   |
| 54       | 10.9  | 7.9   | 11.9   |
| 68       | 5.2   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 32.024 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 96795 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.3   | 1.2   | 1.8#  |
| 51       | 39.8  | 25.0  | 37.6# |
| 120      | 26.2  | 18.6  | 28.0  |

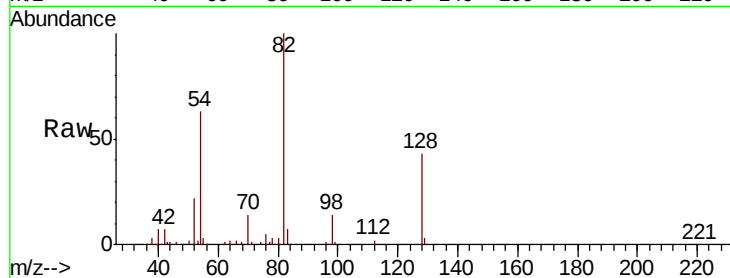




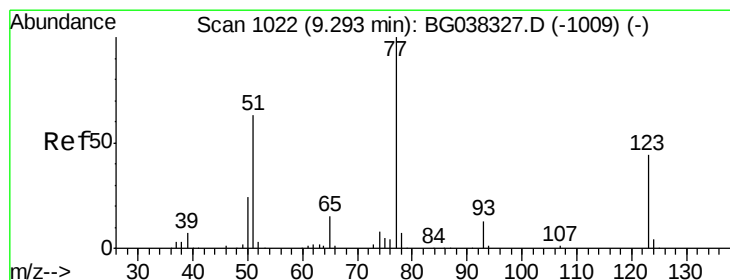
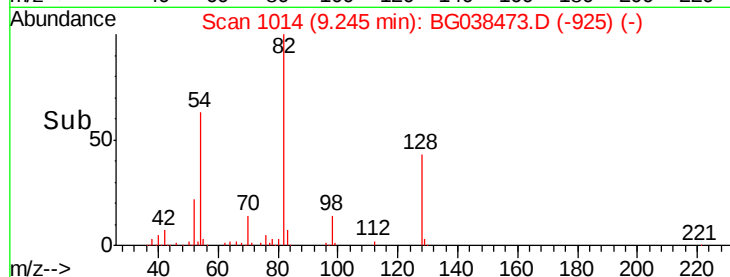
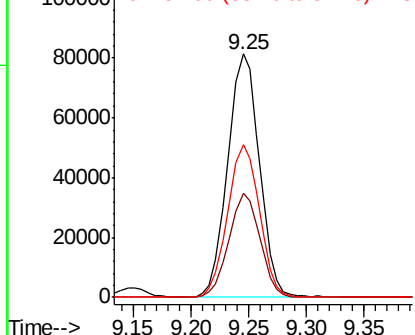
#23  
 Nitrobenzene-d5  
 Concen: 62.426 ng  
 RT: 9.25 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 34.6  | 51.8  |
| 54      | 62.5  | 45.3  | 67.9  |

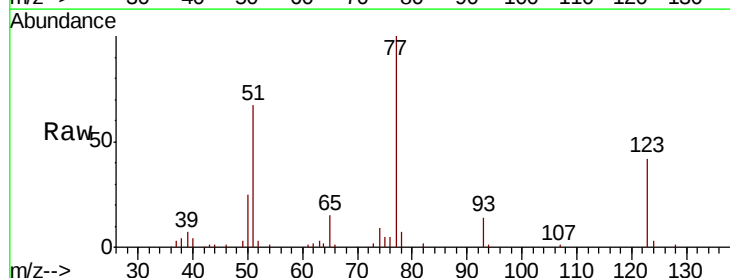


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

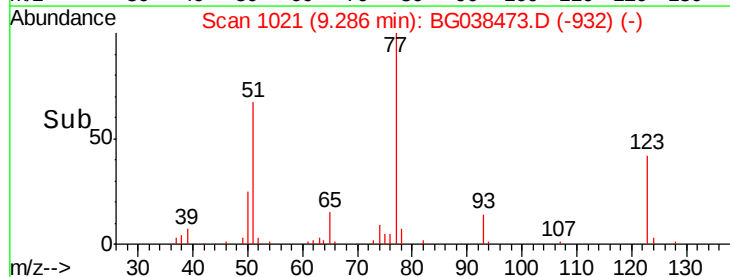
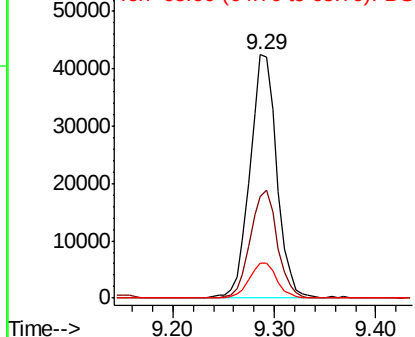


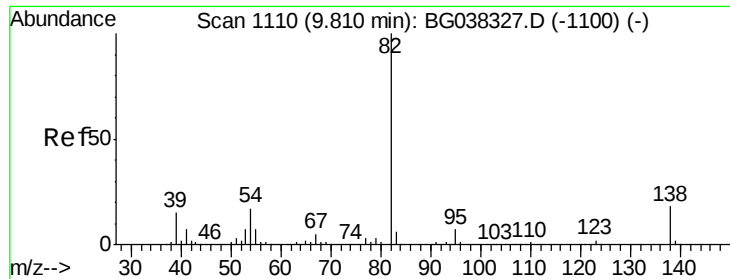
#24  
 Nitrobenzene  
 Concen: 30.959 ng  
 RT: 9.29 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.8  | 33.6  | 50.4  |
| 65      | 14.6  | 11.3  | 16.9  |



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: 33.173 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

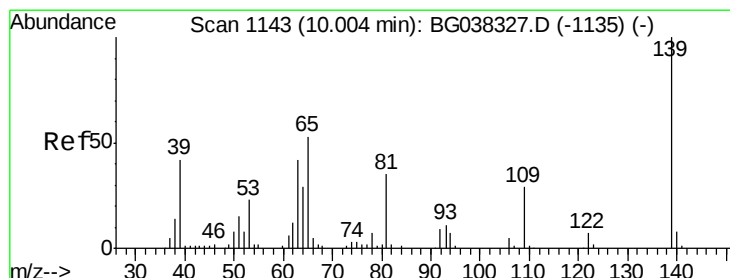
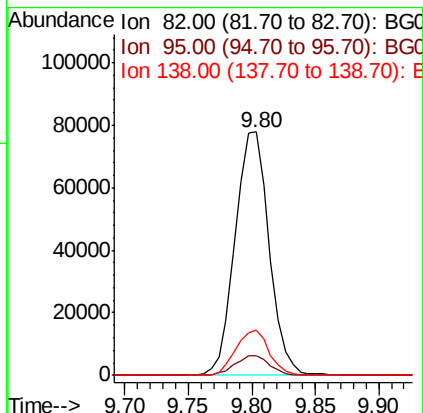
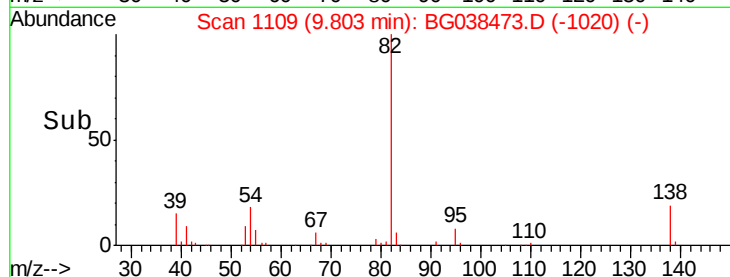
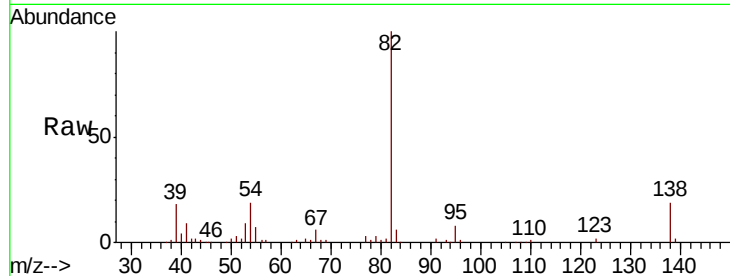
Tgt Ion: 82 Resp: 144690

Ion Ratio Lower Upper

82 100

95 7.9 5.3 7.9#

138 18.6 13.3 19.9



#26

2-Nitrophenol

Concen: 32.351 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

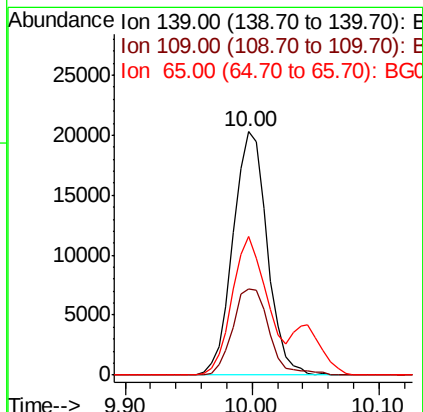
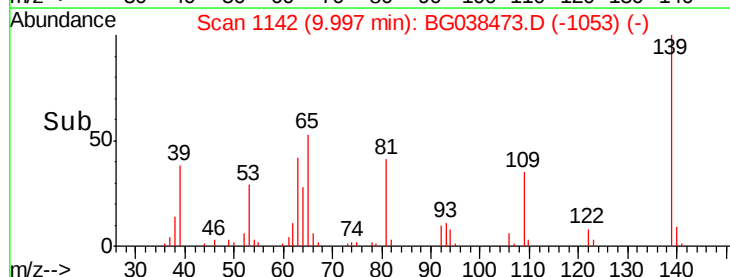
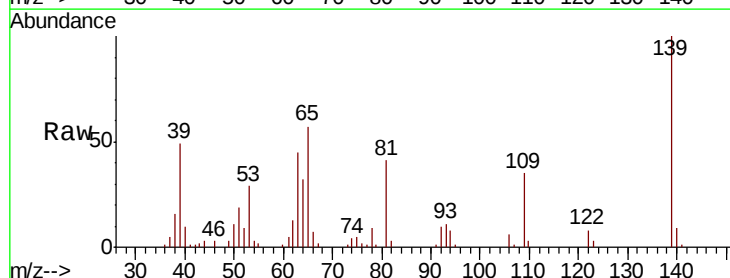
Tgt Ion: 139 Resp: 37798

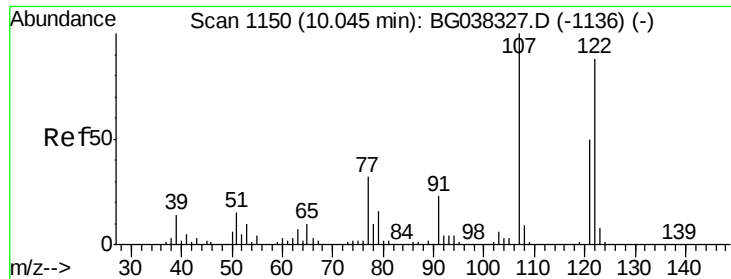
Ion Ratio Lower Upper

139 100

109 35.2 23.3 34.9#

65 57.0 39.8 59.8

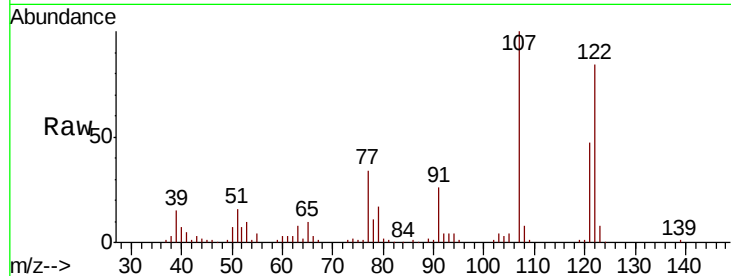




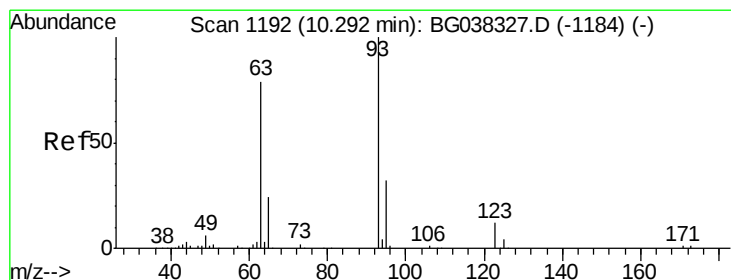
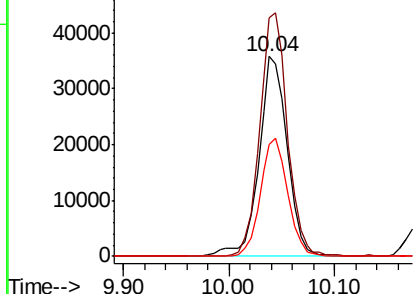
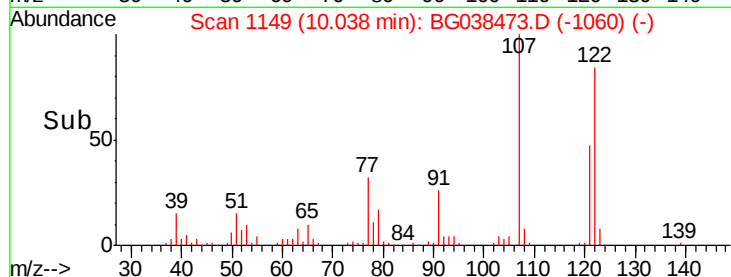
#27  
2,4-Dimethylphenol  
Concen: 39.744 ng  
RT: 10.04 min Scan# 1149  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

Tgt Ion: 122 Resp: 66696  
Ion Ratio Lower Upper  
122 100  
107 119.2 94.2 141.2  
121 55.9 47.3 70.9

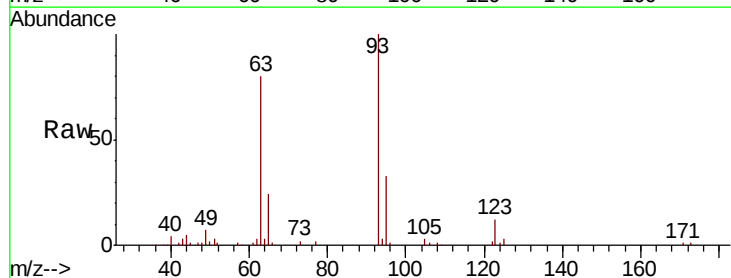


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

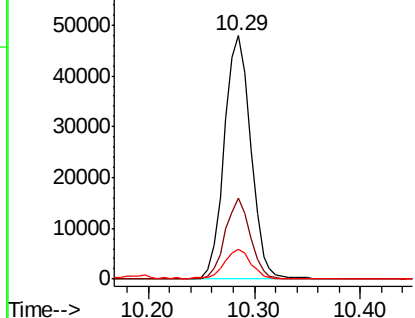
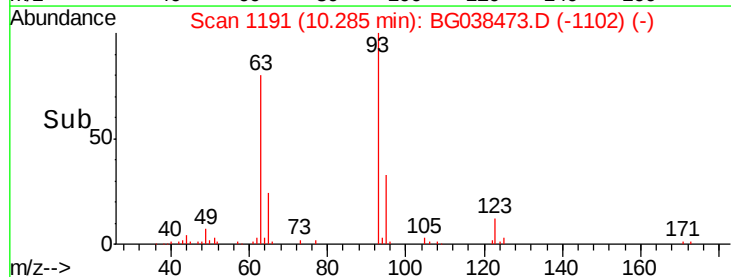


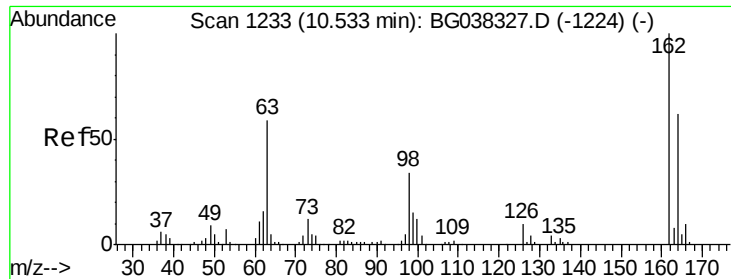
#28  
bis(2-Chloroethoxy)methane  
Concen: 33.335 ng  
RT: 10.29 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion: 93 Resp: 83351  
Ion Ratio Lower Upper  
93 100  
95 33.2 24.6 37.0  
123 12.4 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E

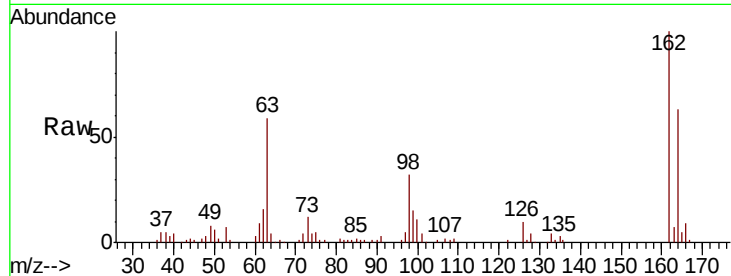




#29  
 2,4-Dichlorophenol  
 Concen: 37.745 ng  
 RT: 10.53 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 43.2  | 83.2  |
| 98      | 31.6  | 16.0  | 56.0  |

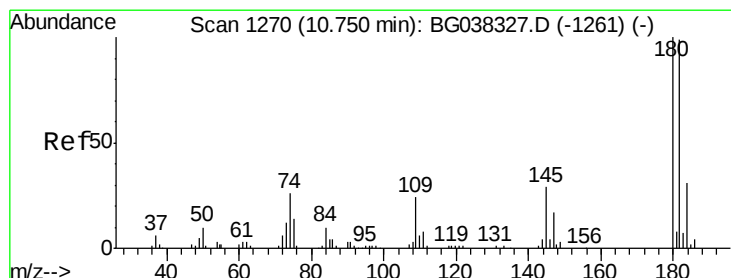
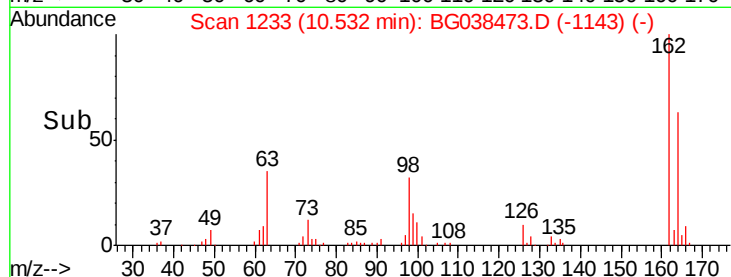
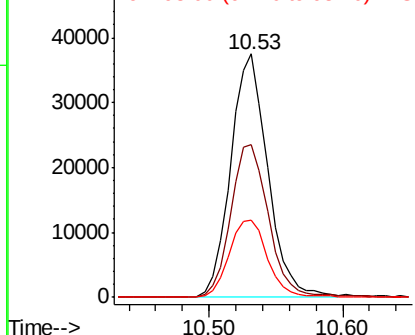


Abundance

Ion 162.00 (161.70 to 162.70): E

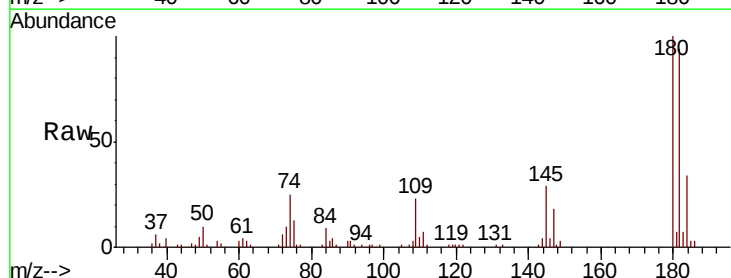
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.017 ng  
 RT: 10.74 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 77.7  | 116.5 |
| 145     | 29.2  | 23.3  | 34.9  |

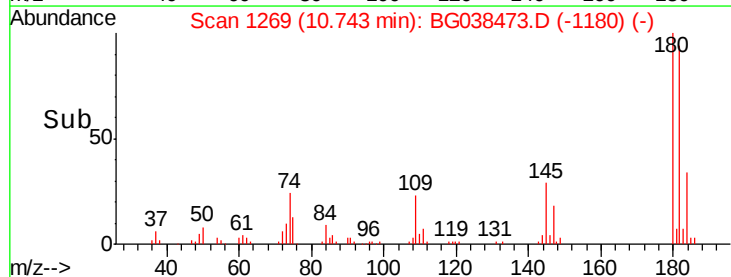
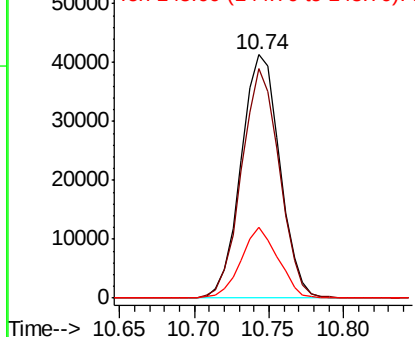


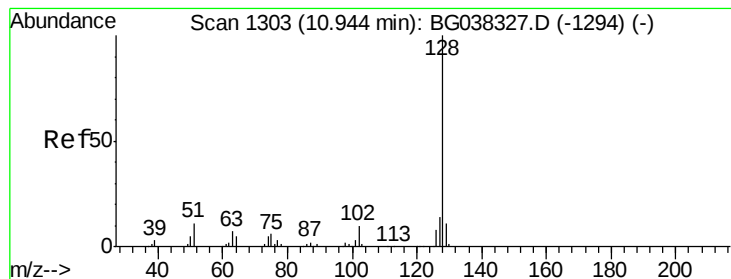
Abundance

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

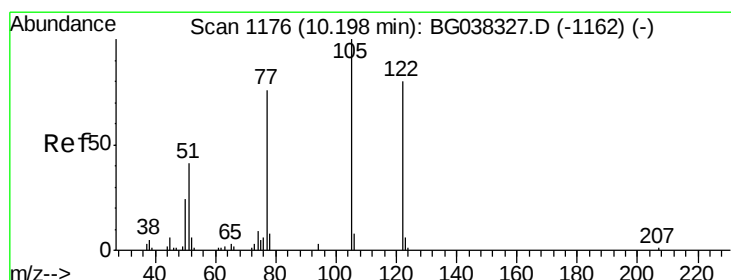
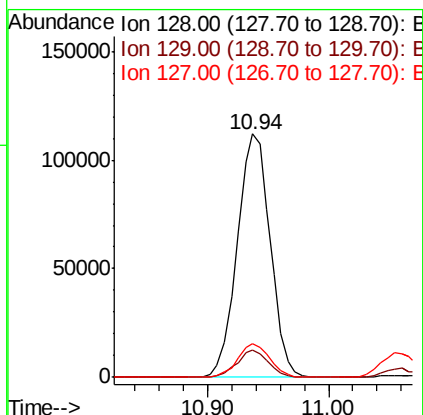
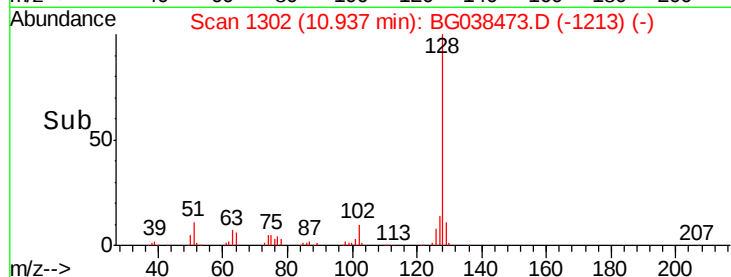
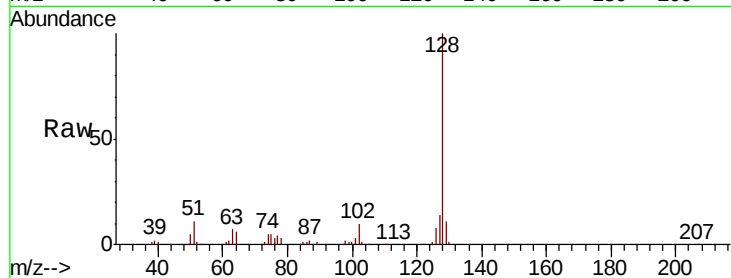




#31  
Naphthalene  
Concen: 36.182 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

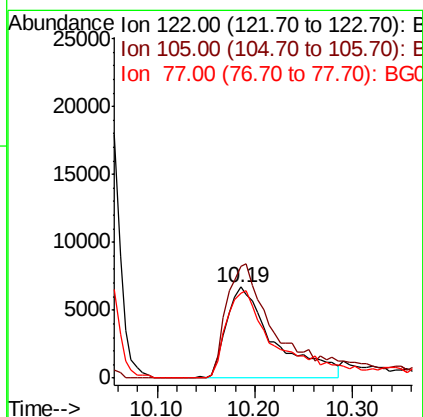
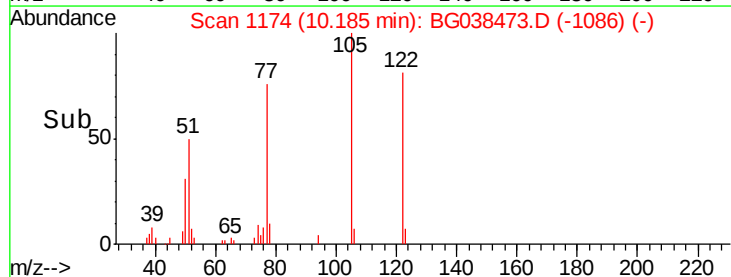
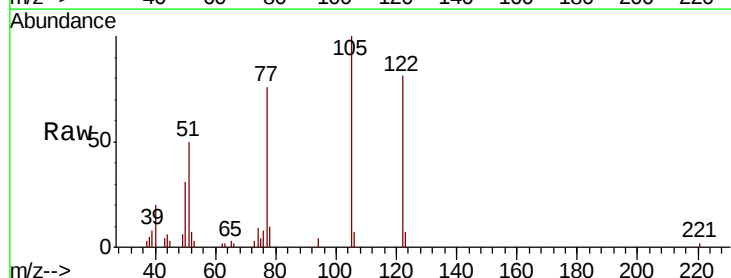
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

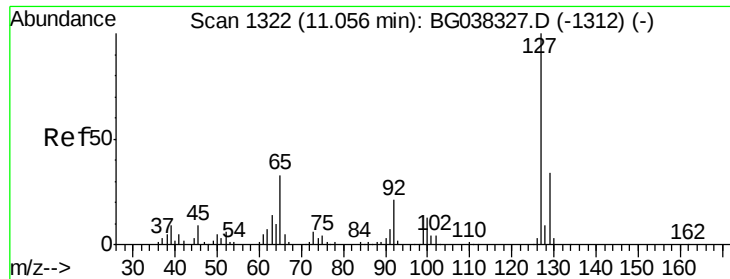
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.6  |
| 127     | 13.8  | 11.1  | 16.7  |



#32  
Benzoic acid  
Concen: 22.092 ng  
RT: 10.19 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.7 | 106.7 | 146.7 |
| 77      | 93.1  | 72.2  | 112.2 |

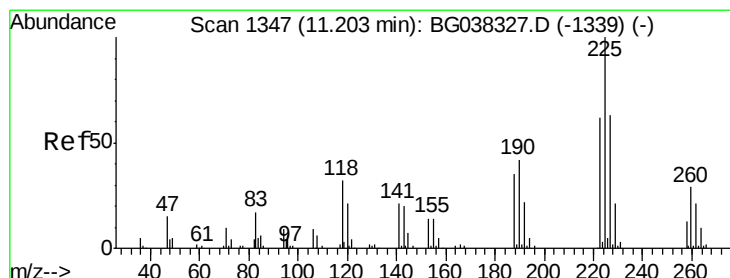
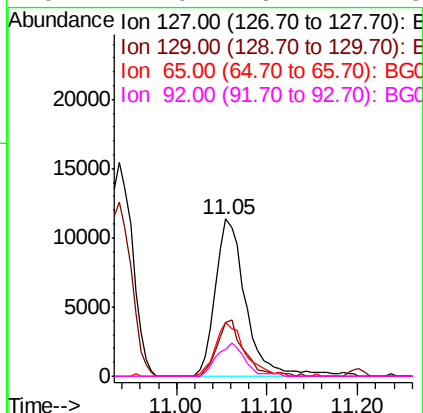
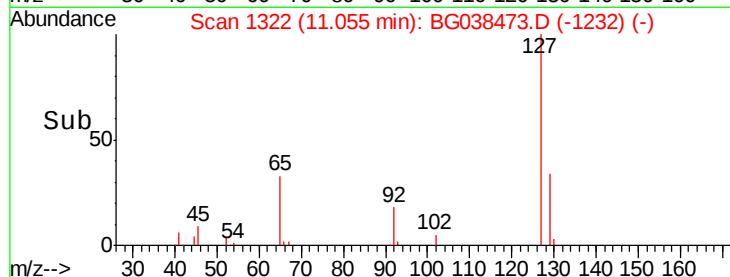
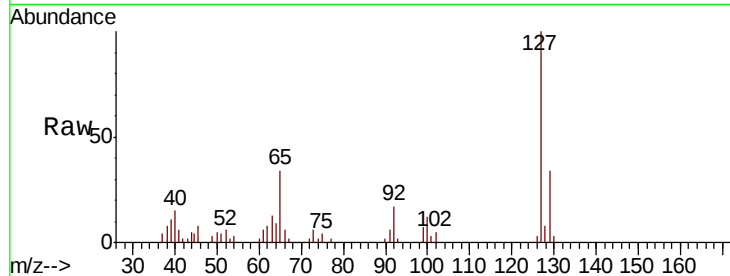




#33  
4-Chloroaniline  
Concen: 10.140 ng  
RT: 11.05 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

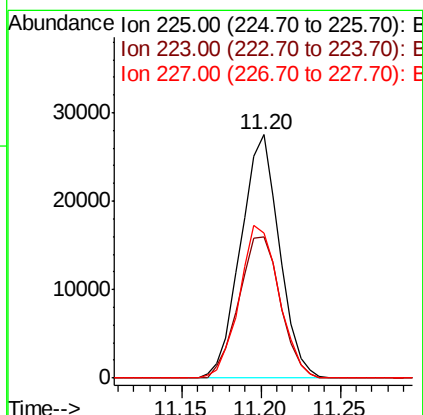
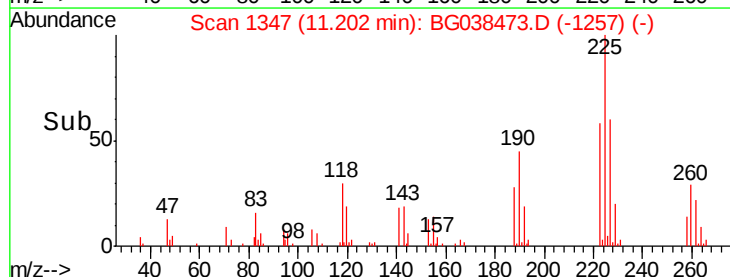
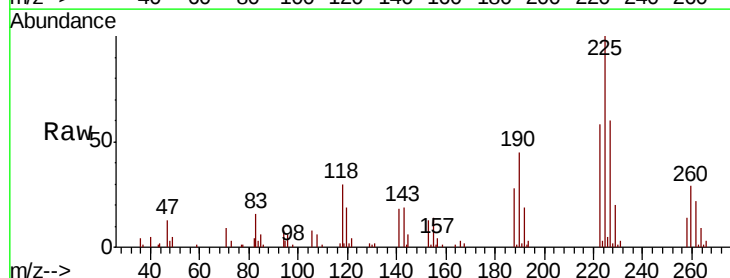
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

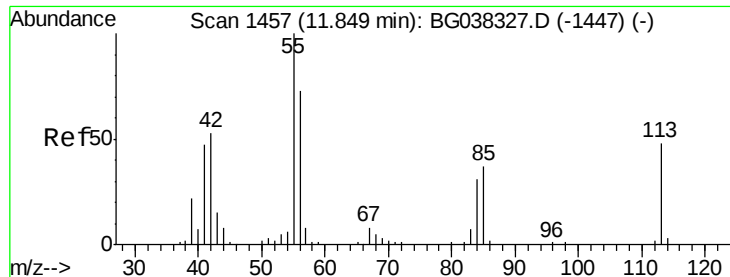
Tgt Ion:127 Resp: 26421  
Ion Ratio Lower Upper  
127 100  
129 34.5 27.1 40.7  
65 34.4 26.6 39.8  
92 17.0 16.4 24.6



#34  
Hexachlorobutadiene  
Concen: 33.102 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:225 Resp: 46569  
Ion Ratio Lower Upper  
225 100  
223 58.0 48.2 72.4  
227 59.3 51.6 77.4





#35

Caprolactam

Concen: 32.583 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

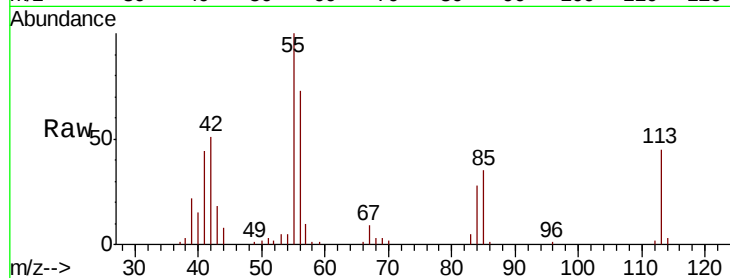
Tgt Ion:113 Resp: 25812

Ion Ratio Lower Upper

113 100

55 221.6 176.6 216.6#

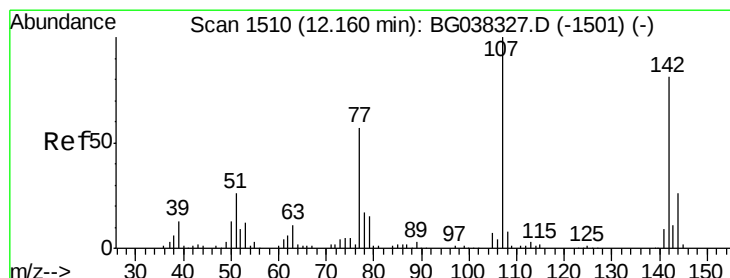
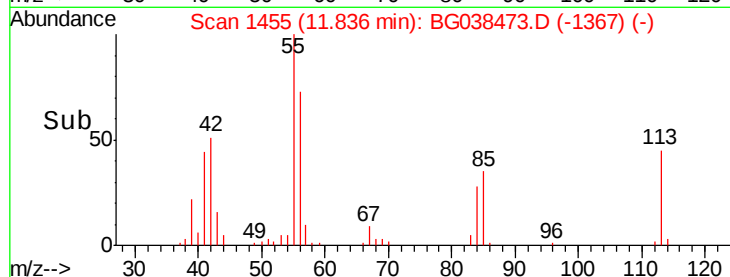
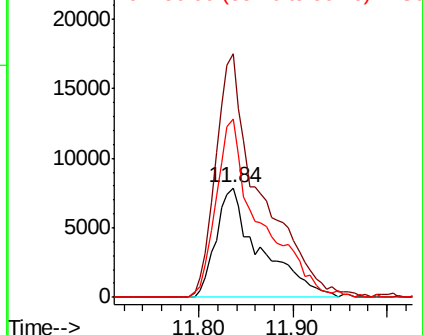
56 162.6 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.136 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

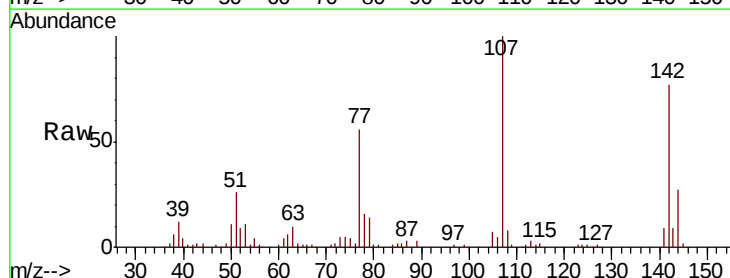
Tgt Ion:107 Resp: 79041

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

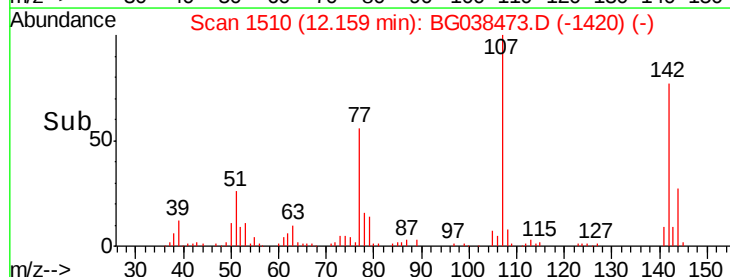
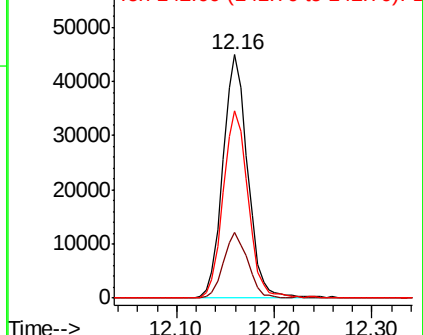
142 77.1 64.4 96.6

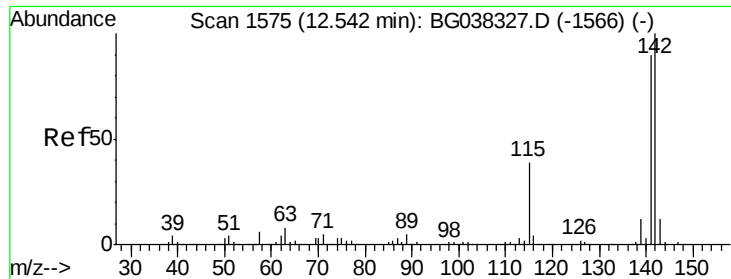


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

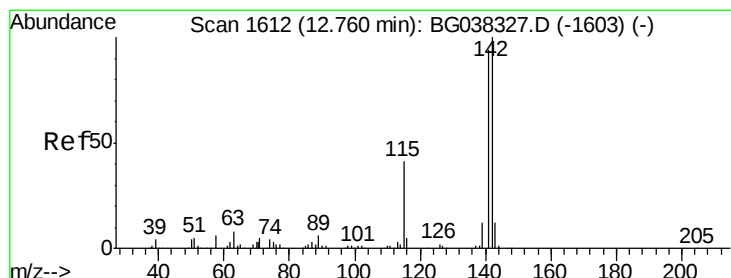
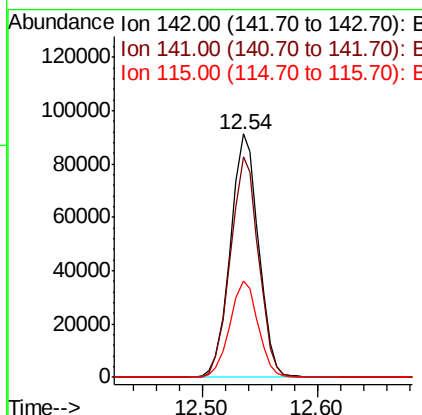
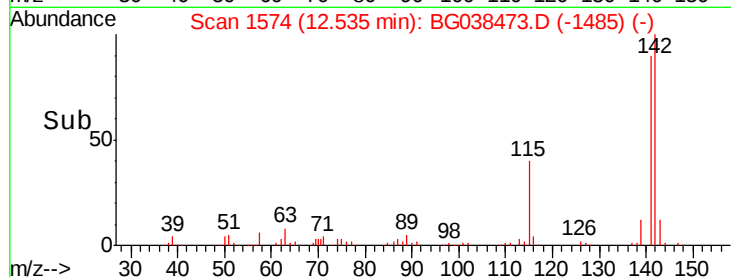
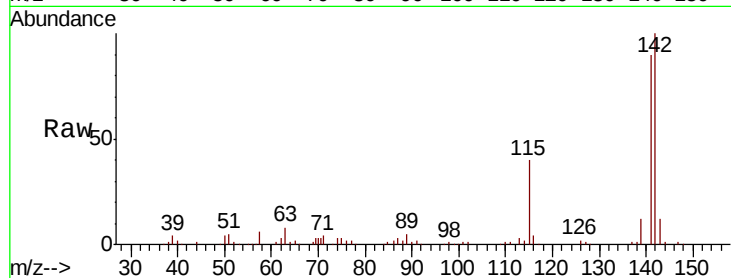




#37  
 2-Methylnaphthalene  
 Concen: 36.659 ng  
 RT: 12.54 min Scan# 1574  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

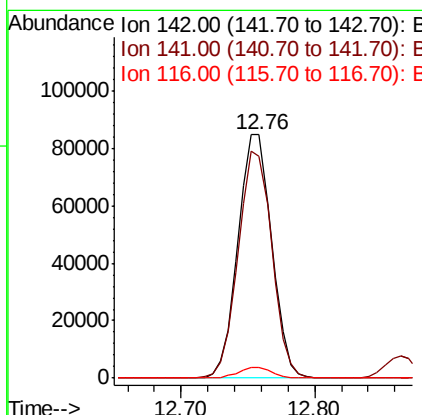
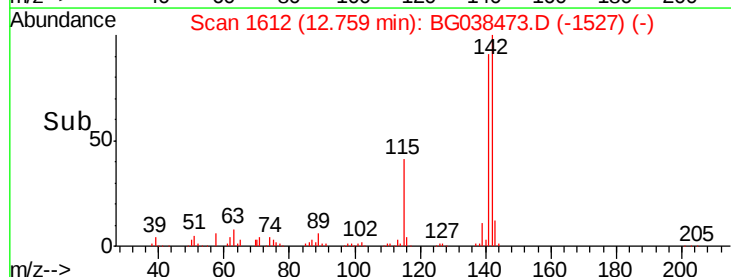
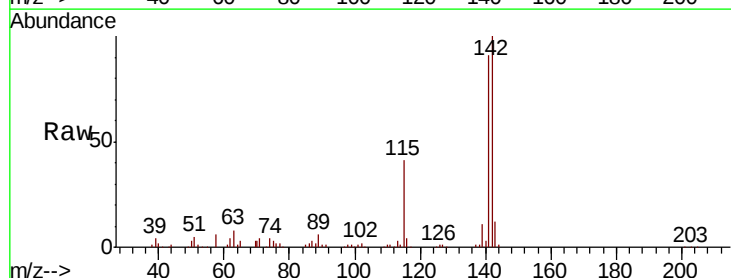
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

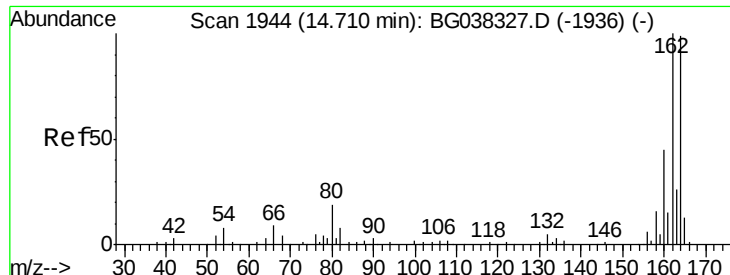
Tgt Ion:142 Resp: 153666  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 71.9 107.9  
 115 39.6 27.8 41.8



#38  
 1-Methylnaphthalene  
 Concen: 36.987 ng  
 RT: 12.76 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion:142 Resp: 148493  
 Ion Ratio Lower Upper  
 142 100  
 141 91.0 75.2 112.8  
 116 4.3 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

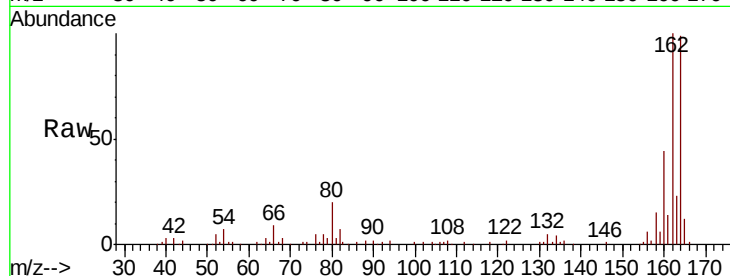
Tgt Ion:164 Resp: 82075

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

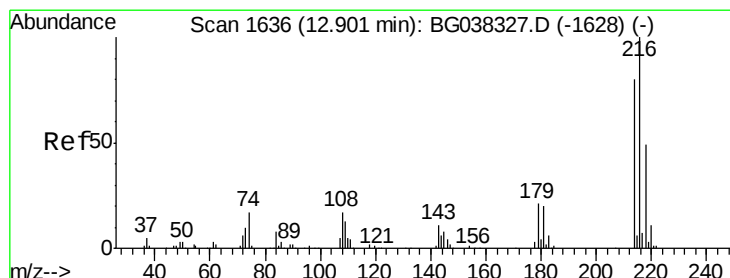
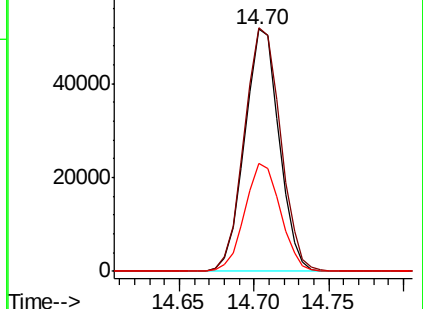
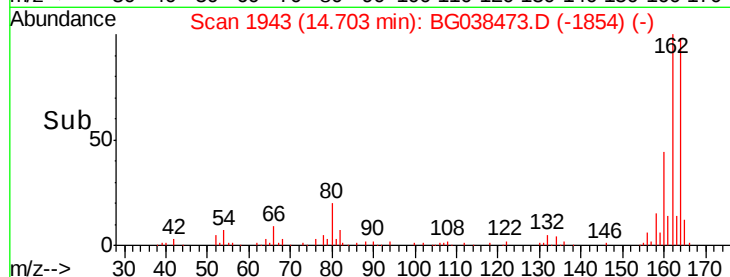
160 44.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.739 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:216 Resp: 89637

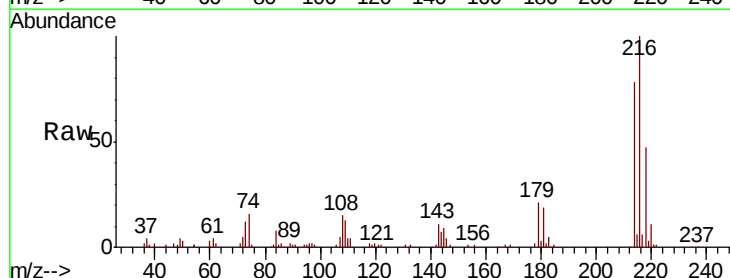
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.7 17.4 26.0

108 19.1 13.9 20.9

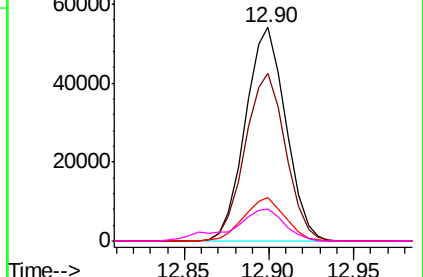
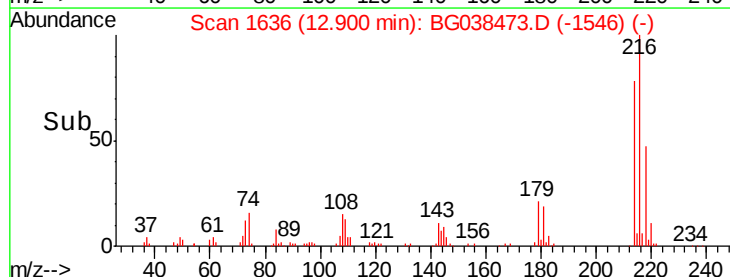


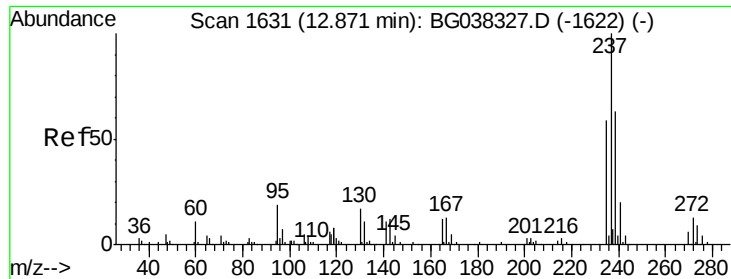
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.944 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

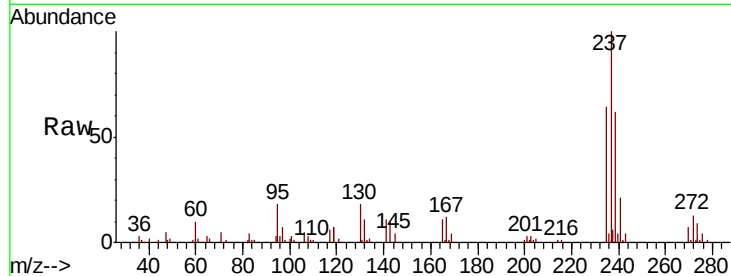
Tgt Ion: 237 Resp: 110105

Ion Ratio Lower Upper

237 100

235 64.3 42.5 82.5

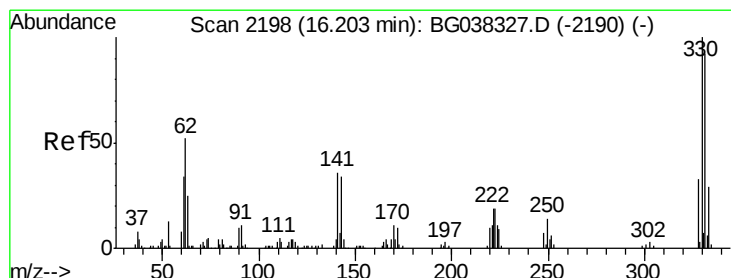
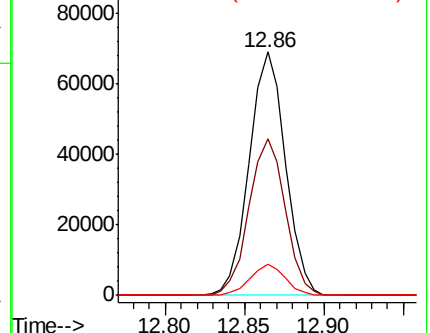
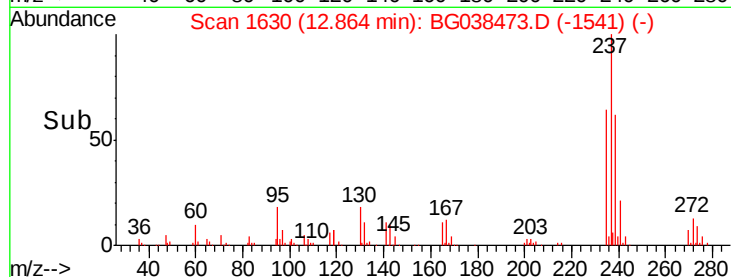
272 12.9 0.0 31.6



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: 111.271 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

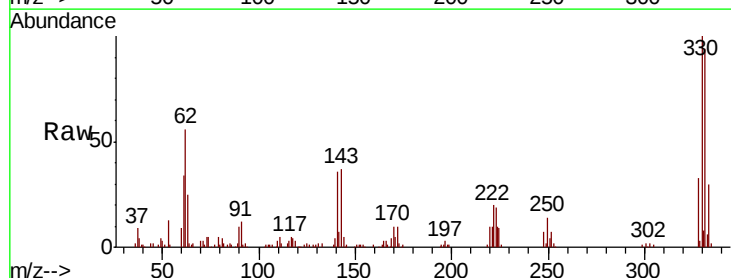
Tgt Ion: 330 Resp: 112113

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

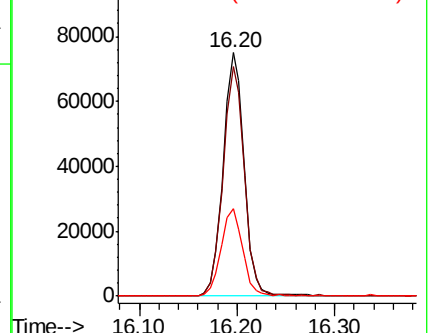
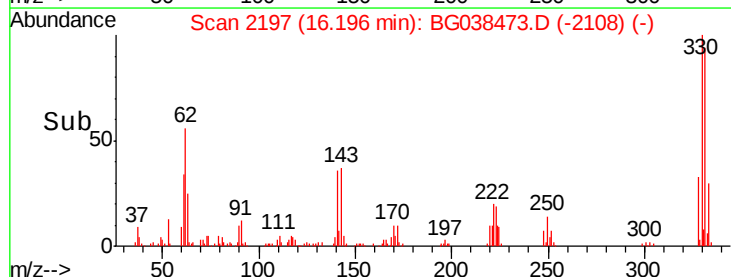
141 36.9 32.2 48.2

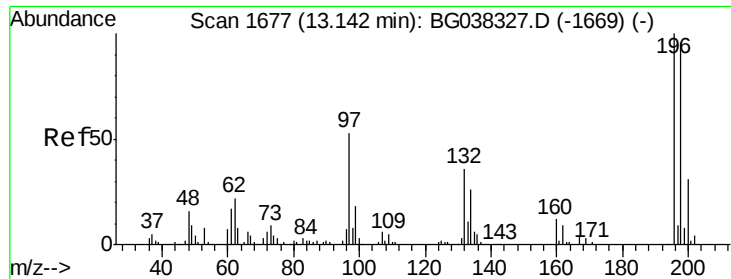


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

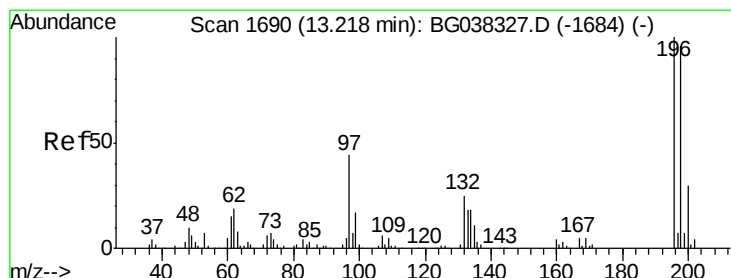
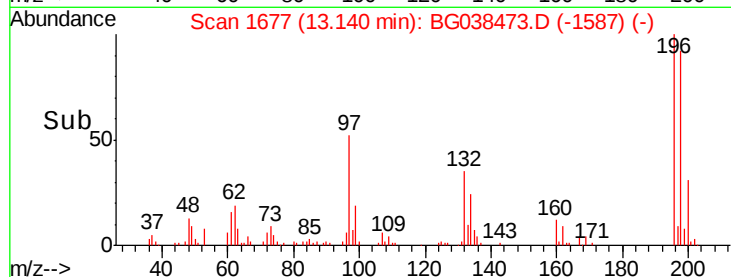
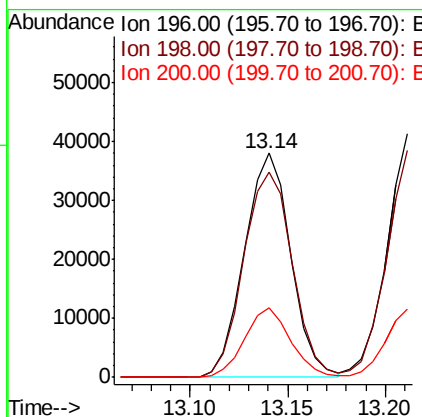
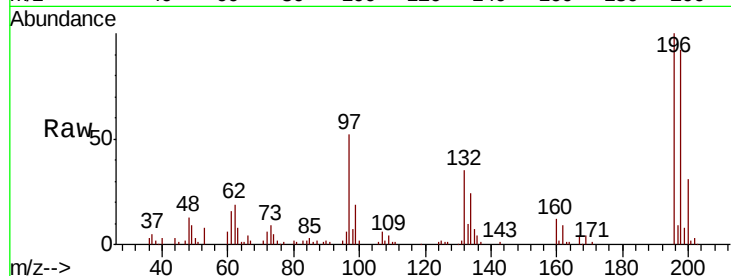




#43  
 2,4,6-Trichlorophenol  
 Concen: 34.122 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

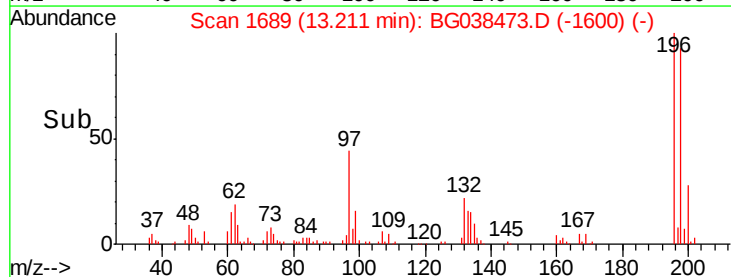
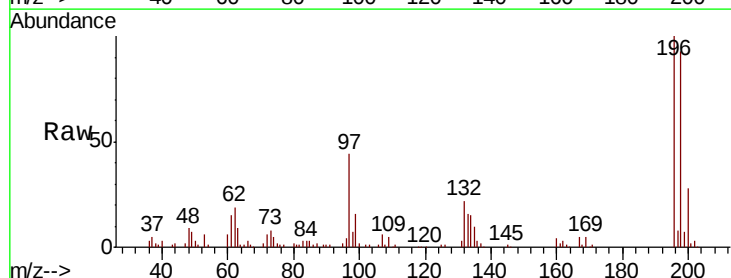
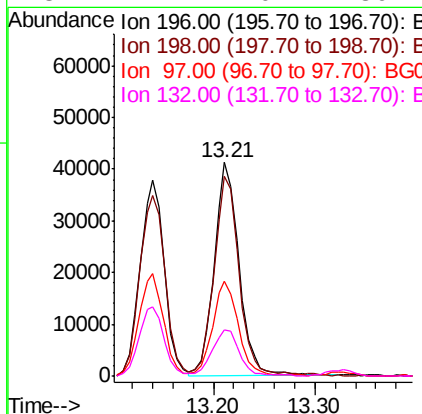
Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB115480BS

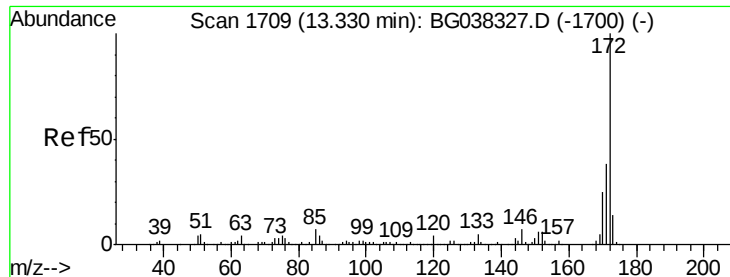
Tgt Ion:196 Resp: 62426  
 Ion Ratio Lower Upper  
 196 100  
 198 91.7 76.4 114.6  
 200 30.9 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 35.919 ng  
 RT: 13.21 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion:196 Resp: 69615  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 74.2 111.2  
 97 44.5 34.1 51.1  
 132 21.7 20.2 30.4

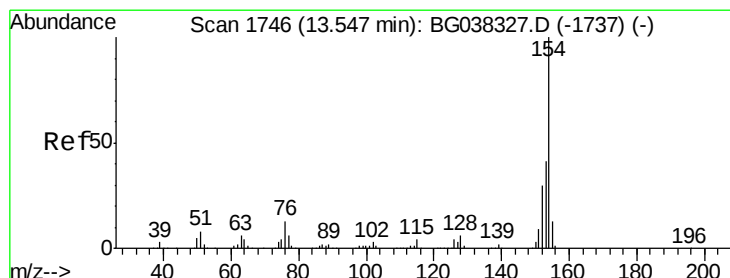
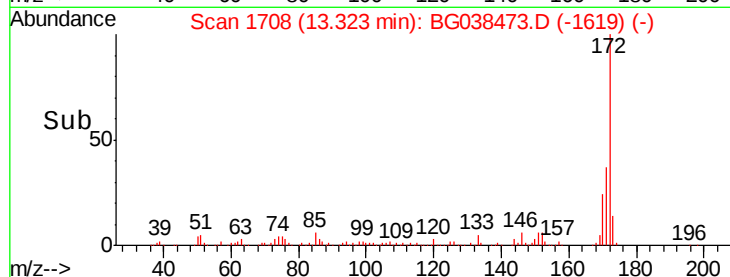
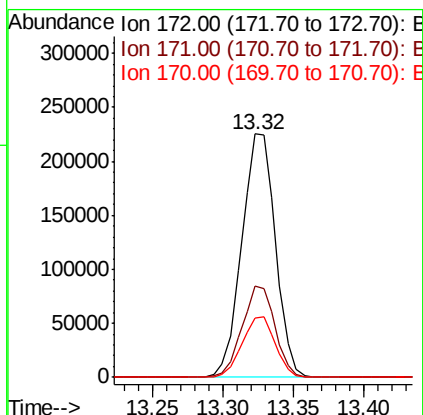
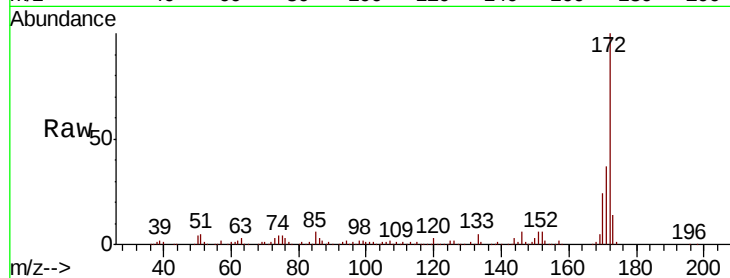




#45  
2-Fluorobiphenyl  
Concen: 65.285 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

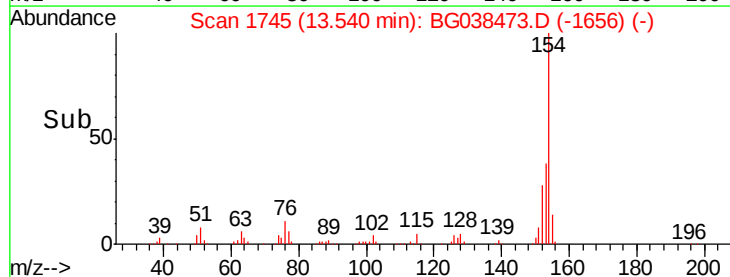
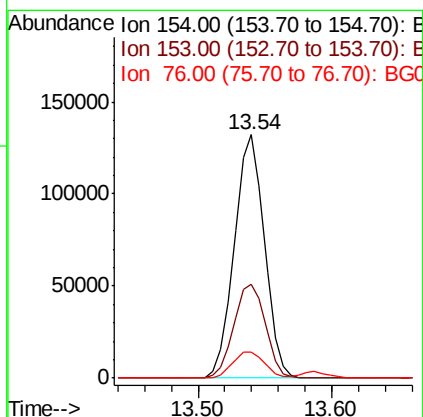
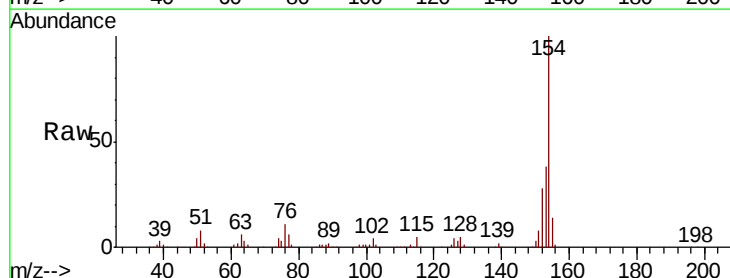
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

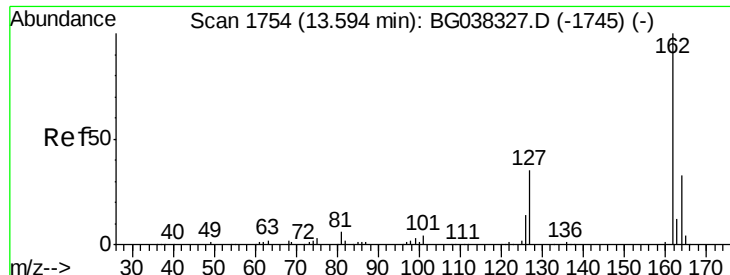
Tgt Ion:172 Resp: 376044  
Ion Ratio Lower Upper  
172 100  
171 37.5 31.0 46.4  
170 24.2 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 29.800 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:154 Resp: 206740  
Ion Ratio Lower Upper  
154 100  
153 38.5 22.1 62.1  
76 10.9 0.0 33.2

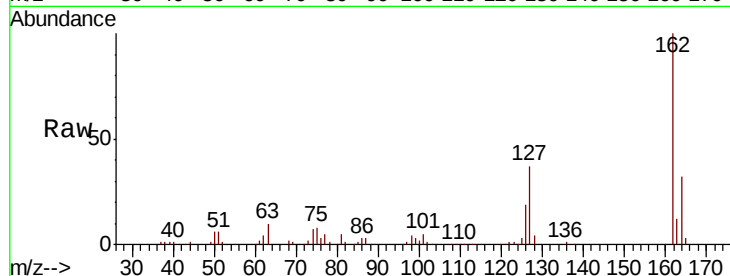




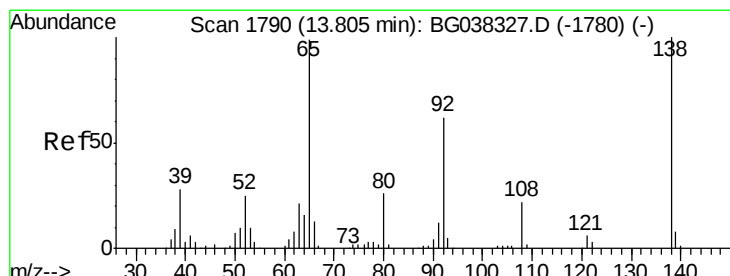
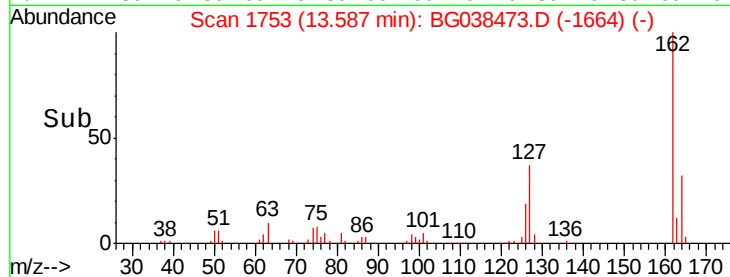
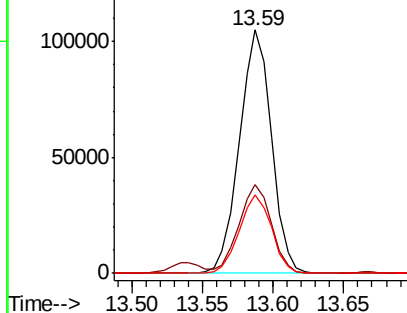
#47  
 2-Chloronaphthalene  
 Concen: 31.761 ng  
 RT: 13.59 min Scan# 1753  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

Tgt Ion: 162 Resp: 166273  
 Ion Ratio Lower Upper  
 162 100  
 127 36.5 30.5 45.7  
 164 32.4 26.4 39.6

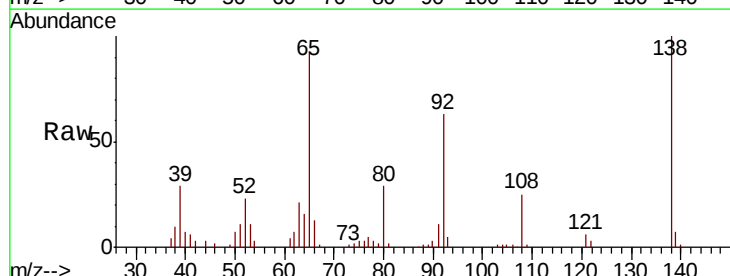


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

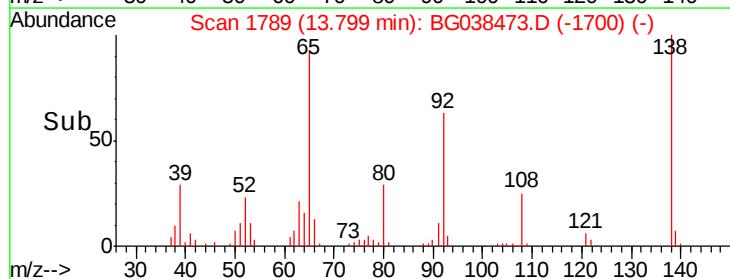
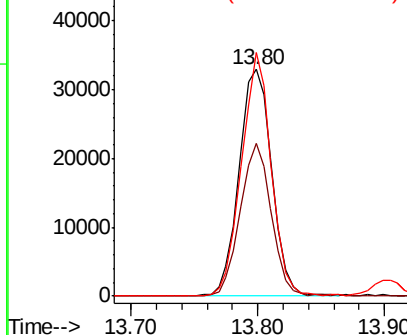


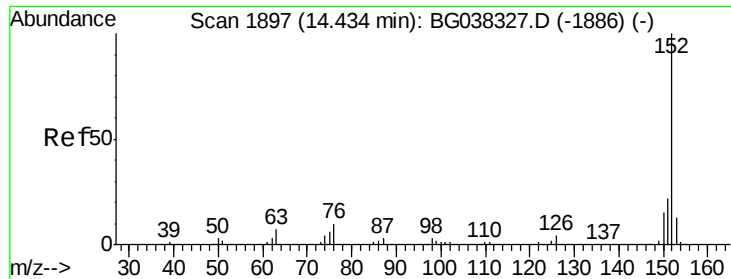
#48  
 2-Nitroaniline  
 Concen: 33.519 ng  
 RT: 13.80 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion: 65 Resp: 58872  
 Ion Ratio Lower Upper  
 65 100  
 92 67.3 53.2 79.8  
 138 107.5 79.3 118.9



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: 34.151 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

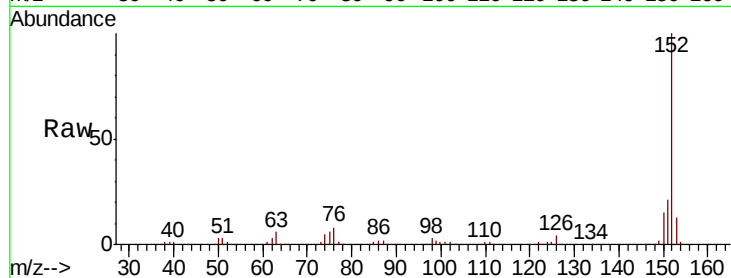
Tgt Ion:152 Resp: 269265

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

153 13.1 11.1 16.7

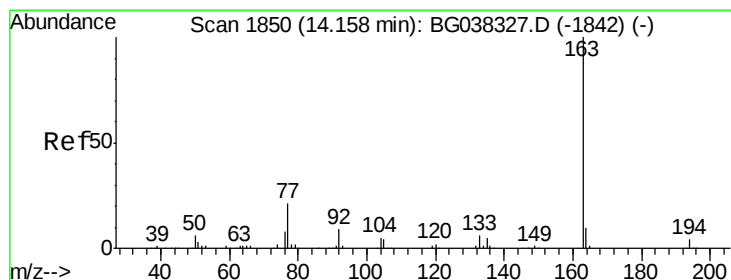
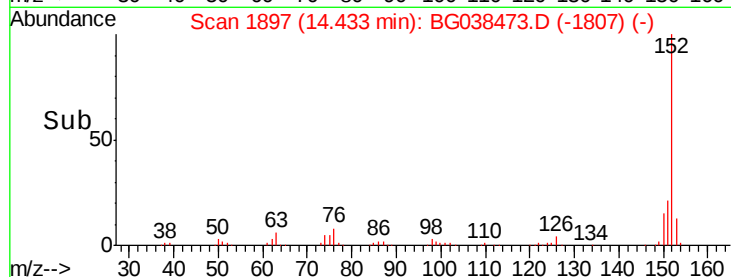
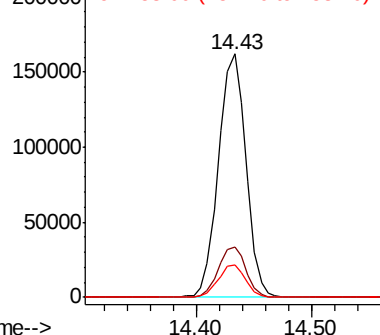


Abundance

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: 33.859 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

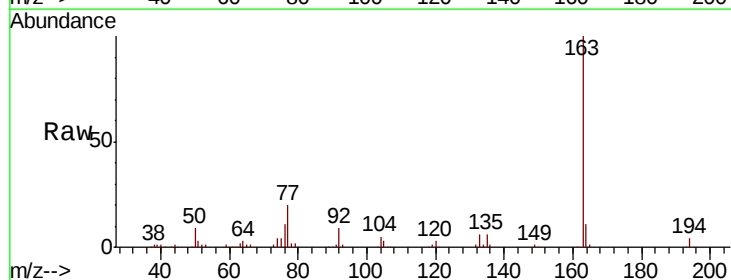
Tgt Ion:163 Resp: 222901

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.8 8.5 12.7

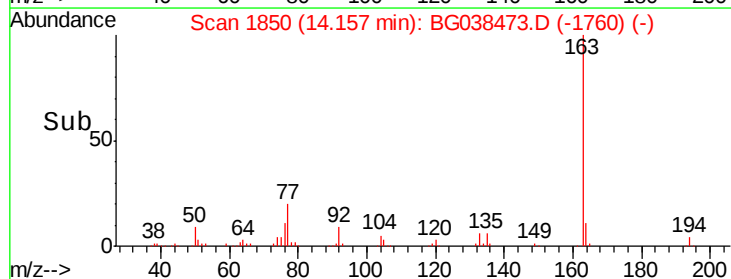
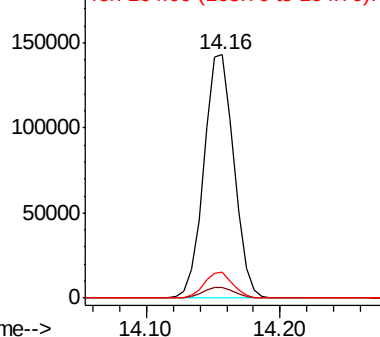


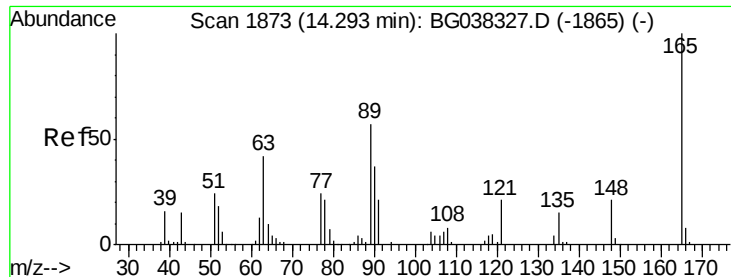
Abundance

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: 33.902 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

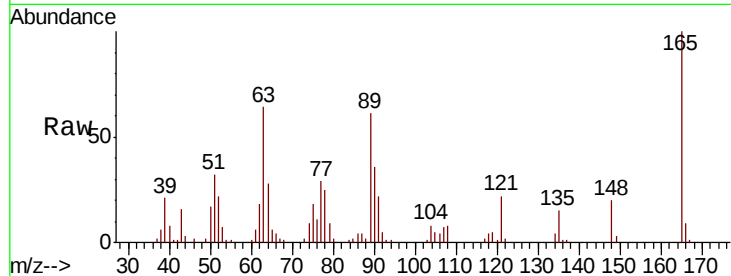
Tgt Ion:165 Resp: 50982

Ion Ratio Lower Upper

165 100

63 64.4 43.4 65.2

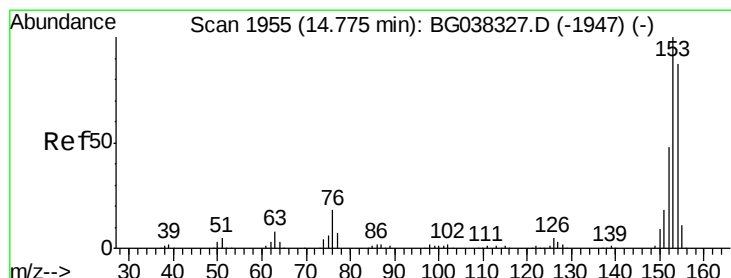
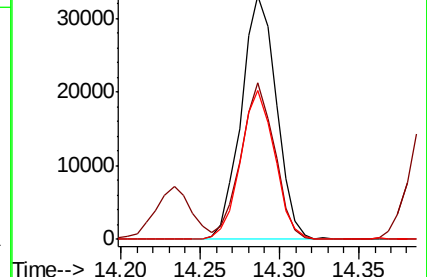
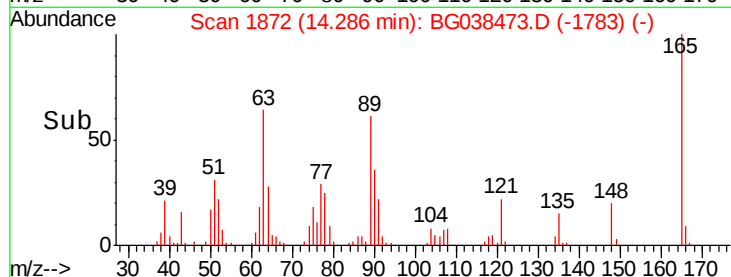
89 61.1 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 32.707 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

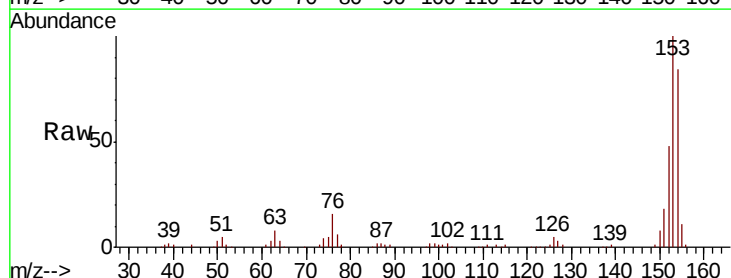
Tgt Ion:154 Resp: 157212

Ion Ratio Lower Upper

154 100

153 118.6 93.4 140.0

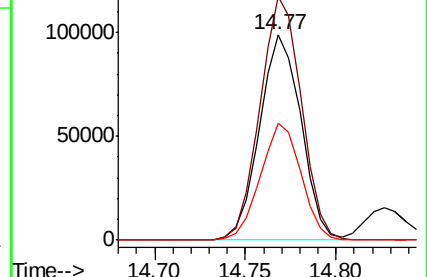
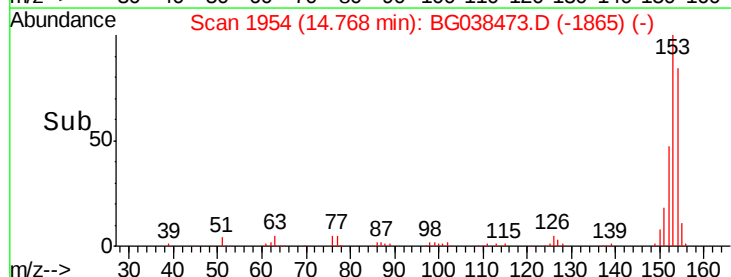
152 56.9 44.7 67.1

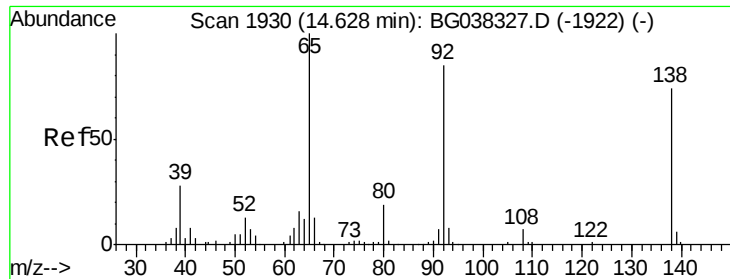


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.410 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

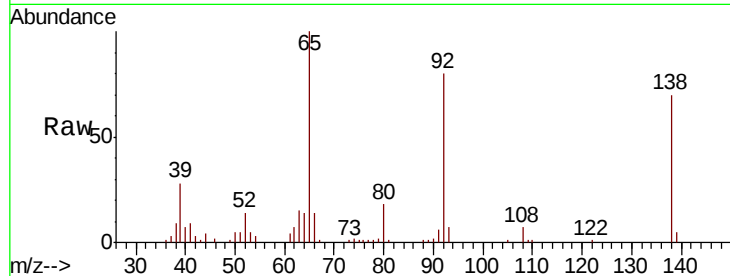
Tgt Ion:138 Resp: 34675

Ion Ratio Lower Upper

138 100

108 10.3 11.0 16.6#

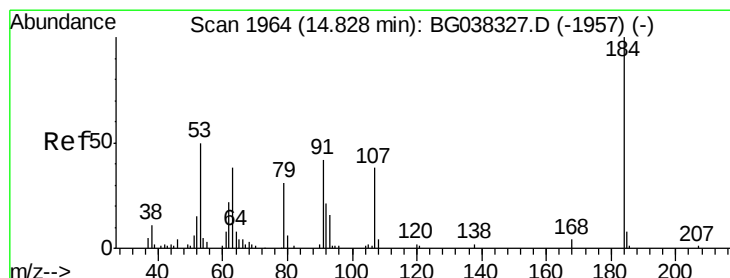
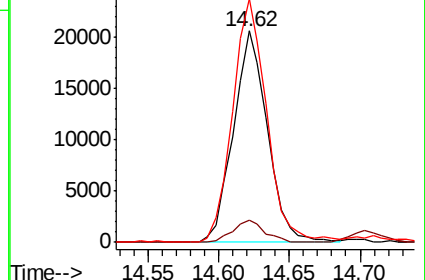
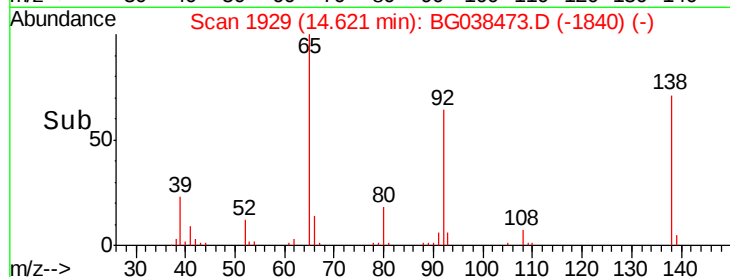
92 115.3 95.2 142.8



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: 53.993 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

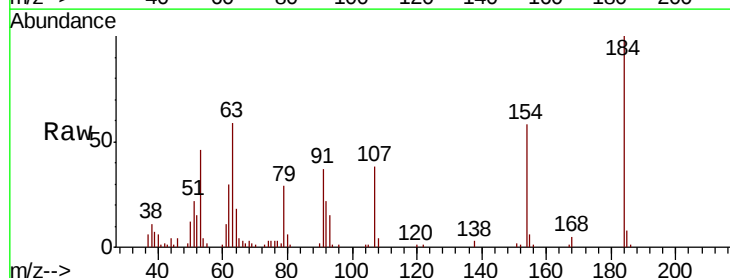
Tgt Ion:184 Resp: 44508

Ion Ratio Lower Upper

184 100

63 58.9 42.6 63.8

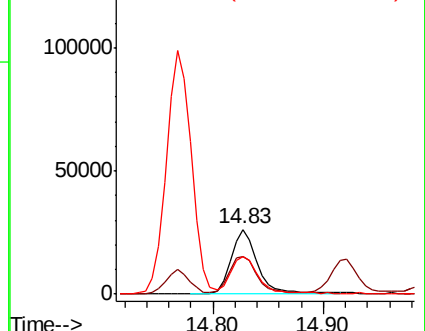
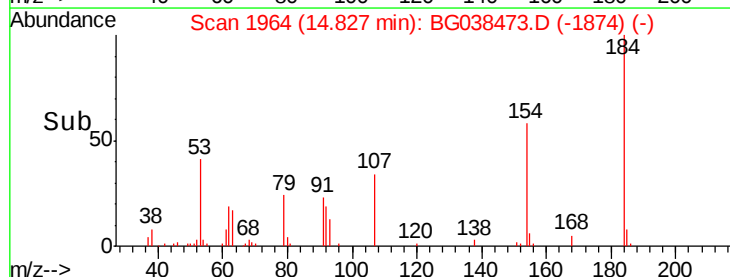
154 58.4 41.8 62.6

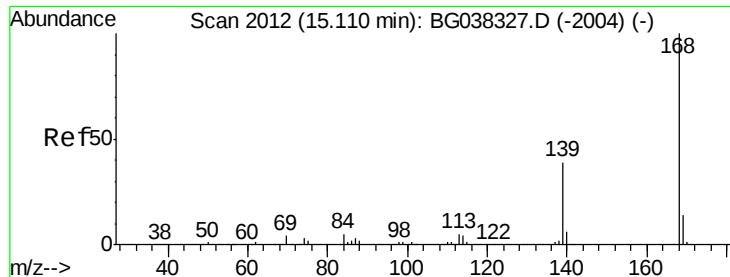


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

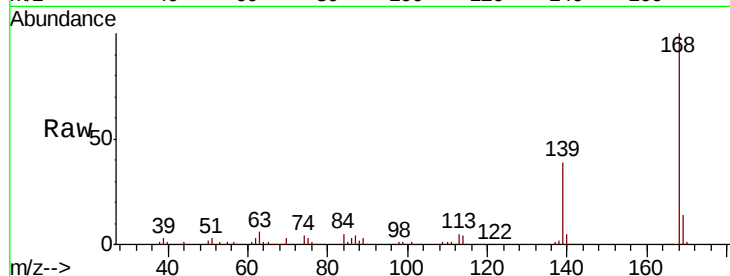




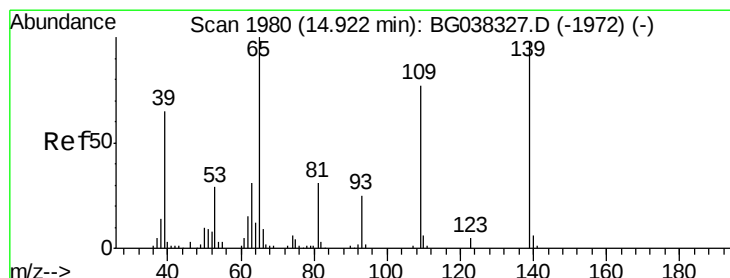
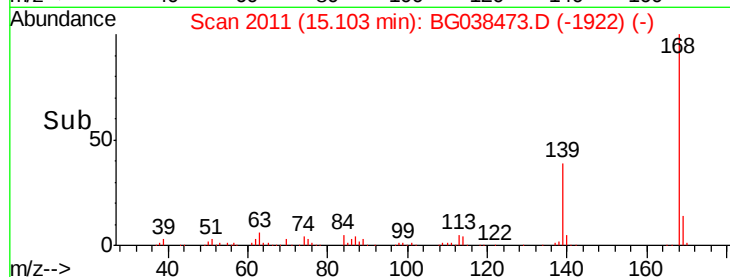
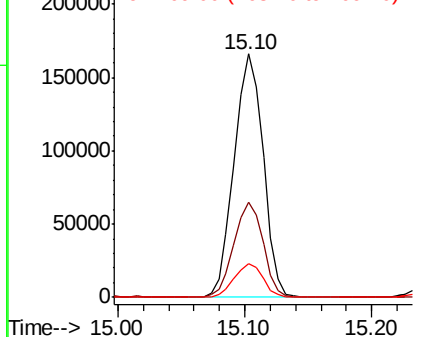
#55  
Dibenzenofuran  
Concen: 33.161 ng  
RT: 15.10 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

Tgt Ion:168 Resp: 263510  
Ion Ratio Lower Upper  
168 100  
139 38.9 29.4 44.0  
169 13.8 11.0 16.6

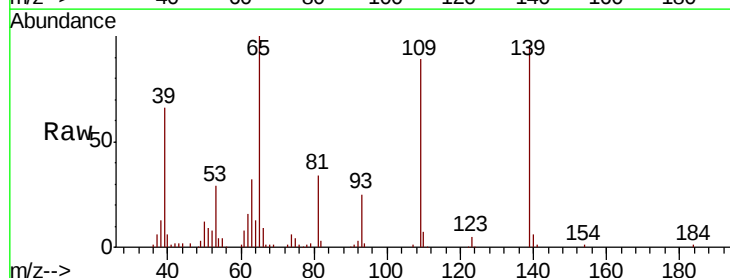


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

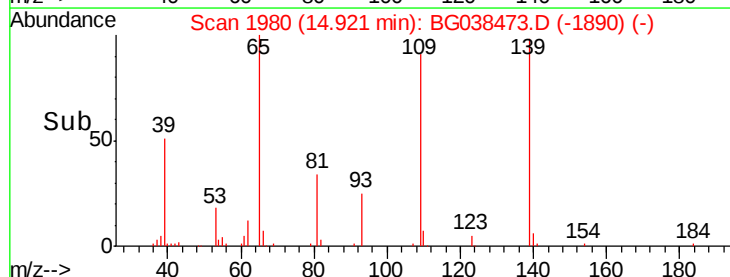
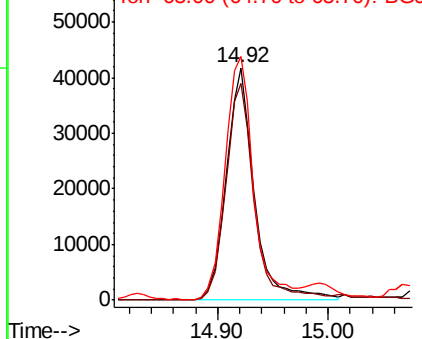


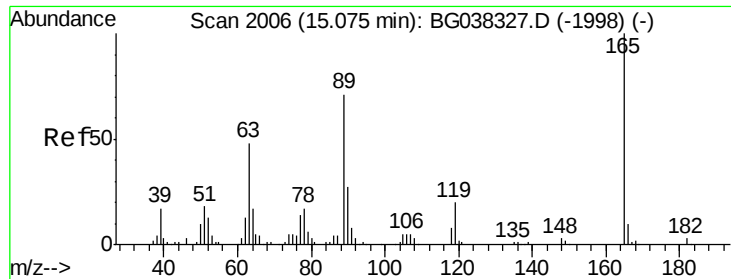
#56  
4-Nitrophenol  
Concen: 58.225 ng  
RT: 14.92 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:139 Resp: 74490  
Ion Ratio Lower Upper  
139 100  
109 93.1 49.5 89.5#  
65 104.7 76.8 116.8



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

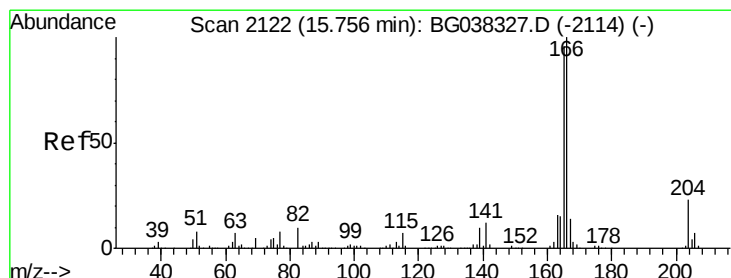
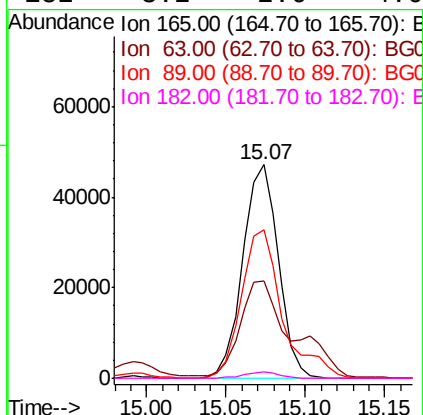
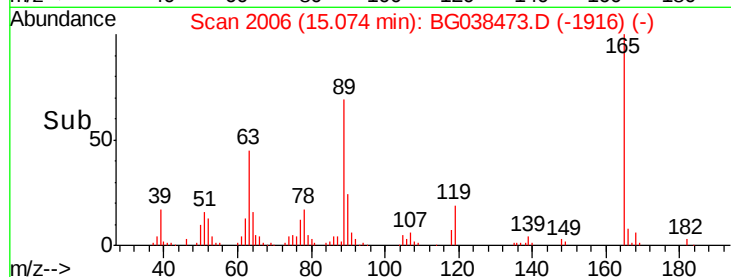
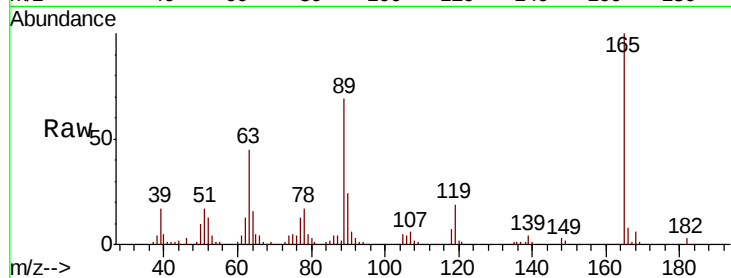




#57  
2,4-Dinitrotoluene  
Concen: 35.405 ng  
RT: 15.07 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

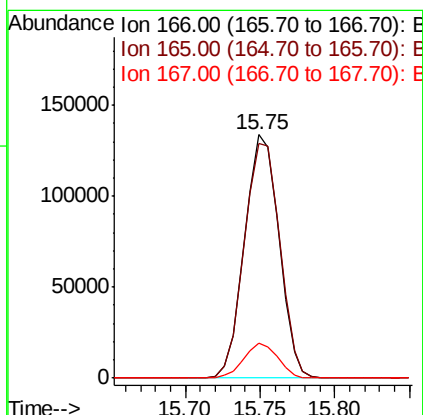
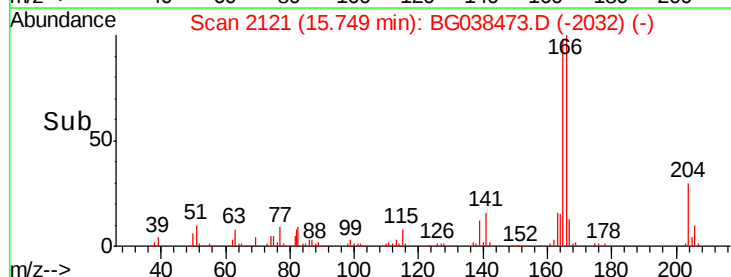
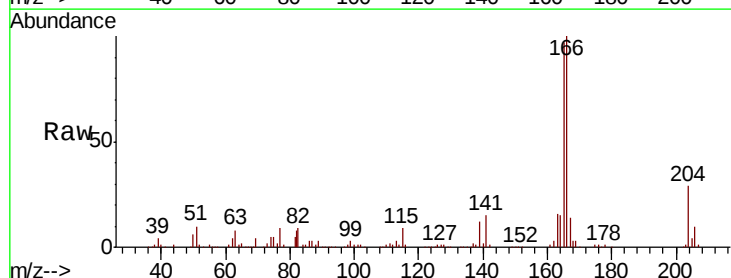
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

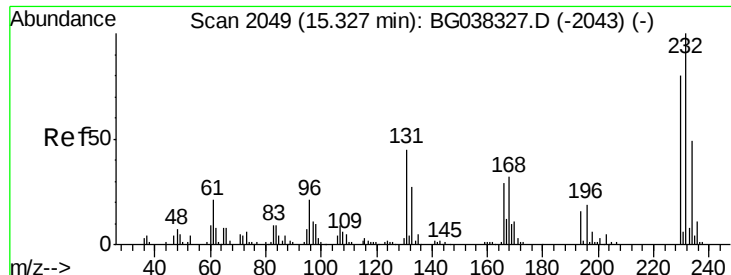
Tgt Ion:165 Resp: 73432  
Ion Ratio Lower Upper  
165 100  
63 45.5 33.4 50.0  
89 69.3 57.2 85.8  
182 3.2 2.6 4.0



#58  
Fluorene  
Concen: 36.541 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:166 Resp: 213929  
Ion Ratio Lower Upper  
166 100  
165 96.6 79.0 118.6  
167 14.1 11.3 16.9

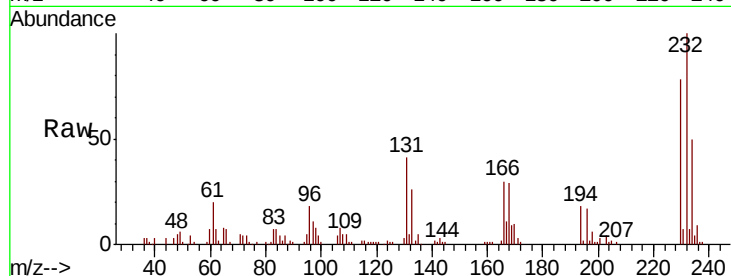




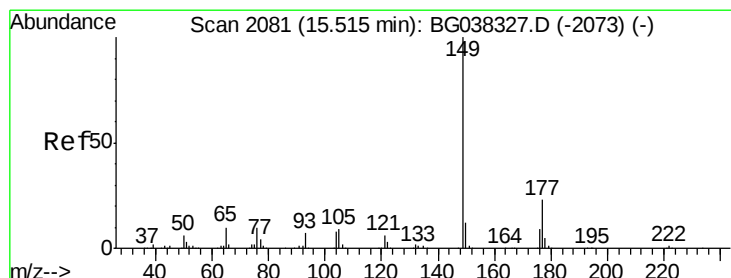
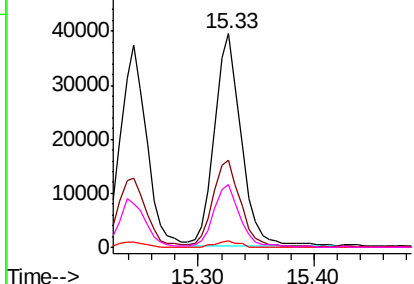
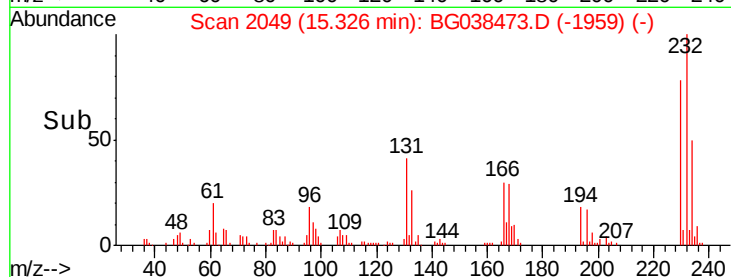
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.549 ng  
 RT: 15.33 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

Tgt Ion: 232 Resp: 63205  
 Ion Ratio Lower Upper  
 232 100  
 131 43.1 33.7 50.5  
 130 2.5 2.1 3.1  
 166 29.2 24.6 36.8

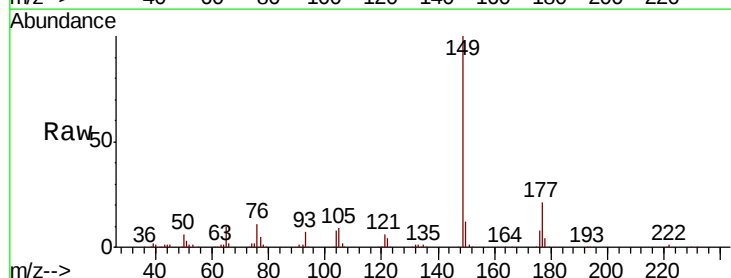


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

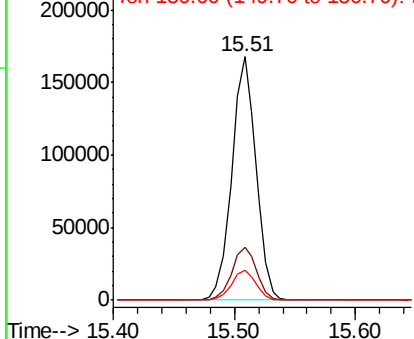
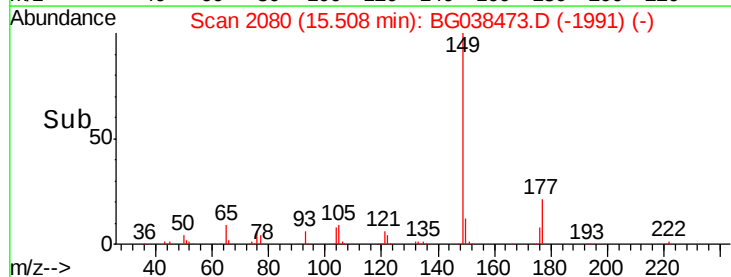


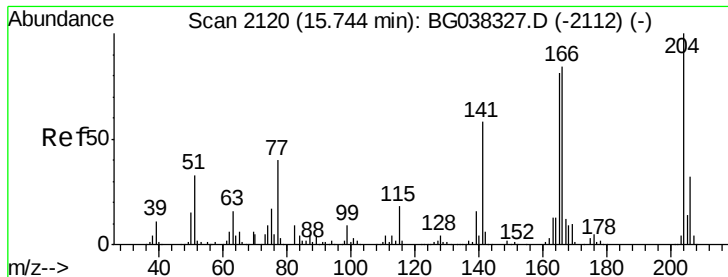
#60  
 Diethylphthalate  
 Concen: 32.001 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion: 149 Resp: 233391  
 Ion Ratio Lower Upper  
 149 100  
 177 21.5 18.3 27.5  
 150 12.5 10.0 15.0



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

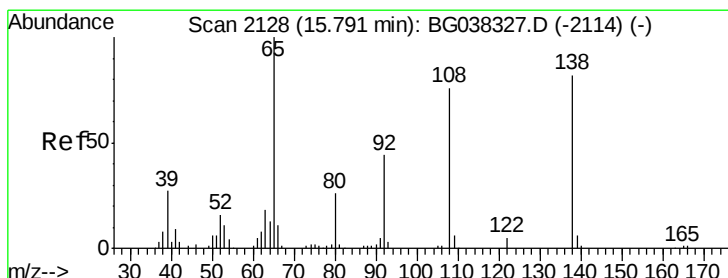
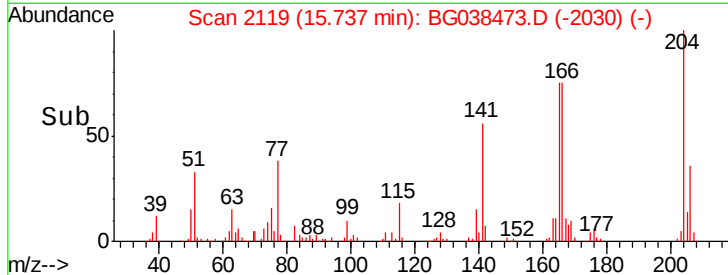
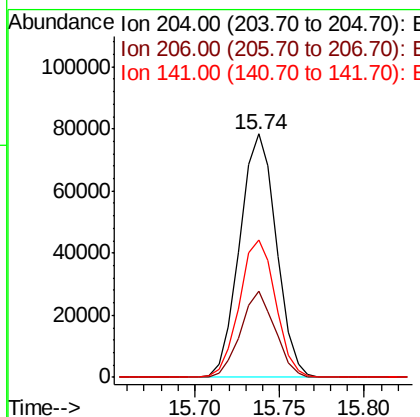
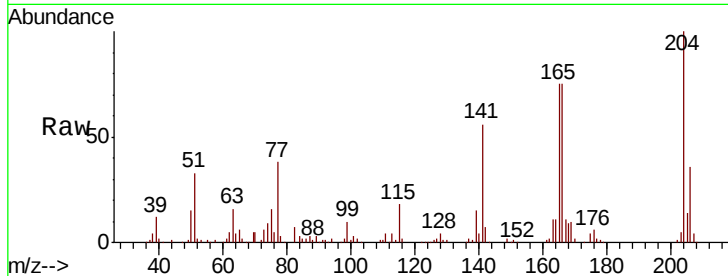




#61  
 4-Chlorophenyl-phenylether  
 Concen: 33.602 ng  
 RT: 15.74 min Scan# 2119  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

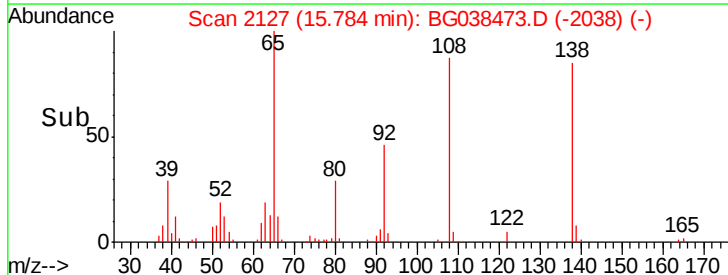
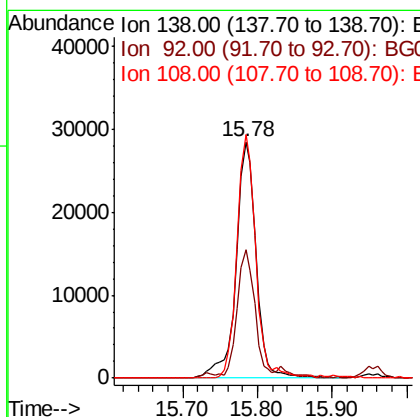
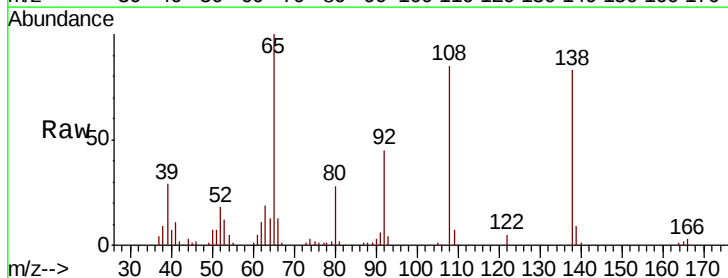
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

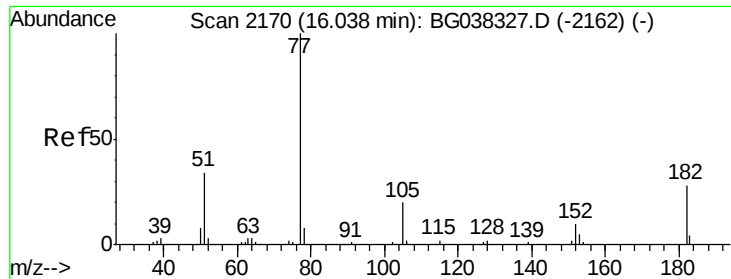
Tgt Ion: 204 Resp: 118161  
 Ion Ratio Lower Upper  
 204 100  
 206 35.5 26.6 39.8  
 141 56.2 45.4 68.2



#62  
 4-Nitroaniline  
 Concen: 33.456 ng  
 RT: 15.78 min Scan# 2127  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion: 138 Resp: 53293  
 Ion Ratio Lower Upper  
 138 100  
 92 54.5 36.4 76.4  
 108 103.1 60.1 100.1#





#63

Azobenzene

Concen: 31.785 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

Tgt Ion: 77 Resp: 202881

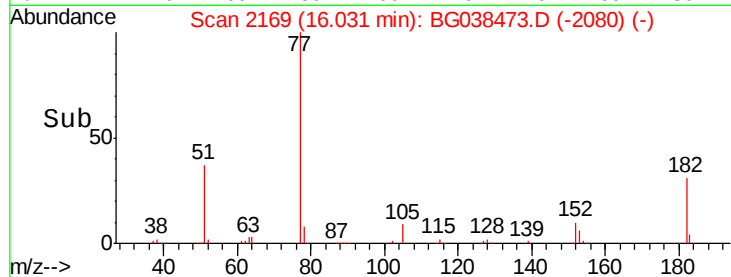
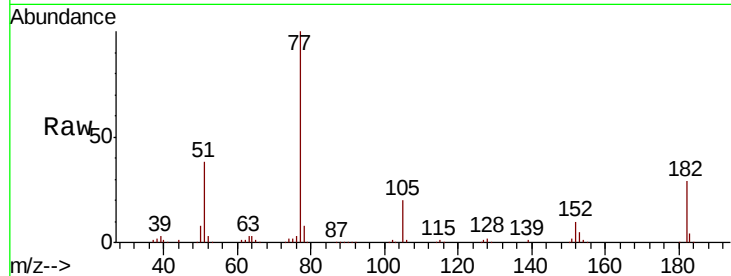
Ion Ratio Lower Upper

77 100

182 28.8 8.0 48.0

105 19.7 1.3 41.3

51 38.0 10.7 50.7

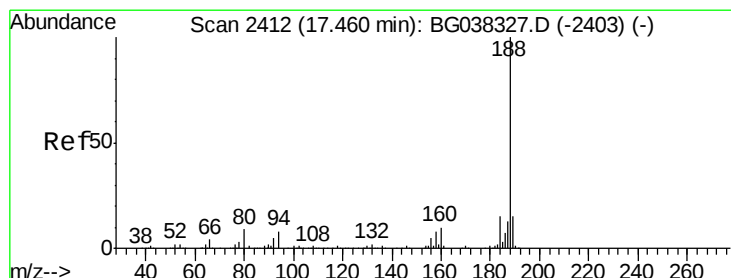
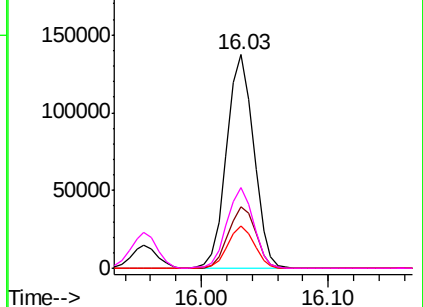


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

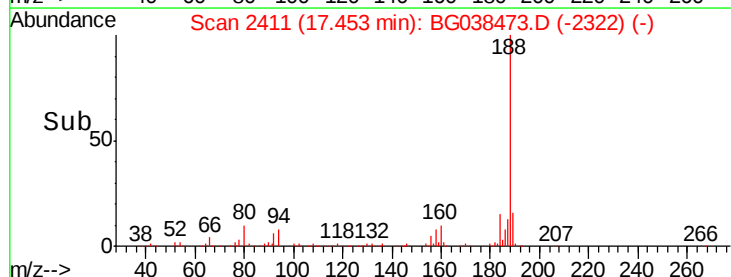
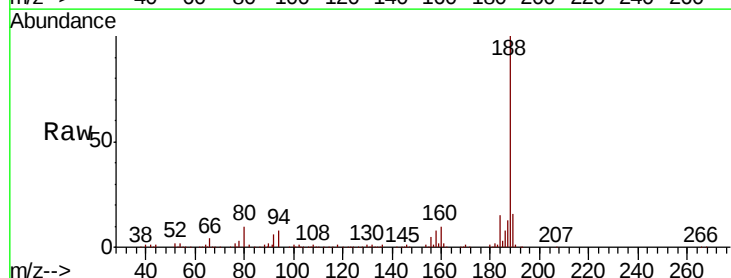
Tgt Ion: 188 Resp: 255531

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

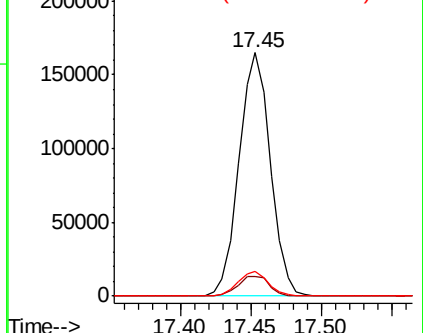
80 10.3 7.7 11.5

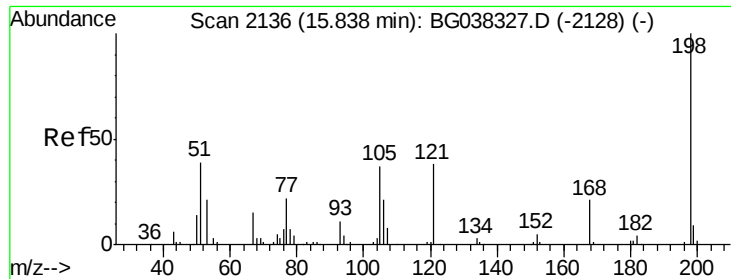


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

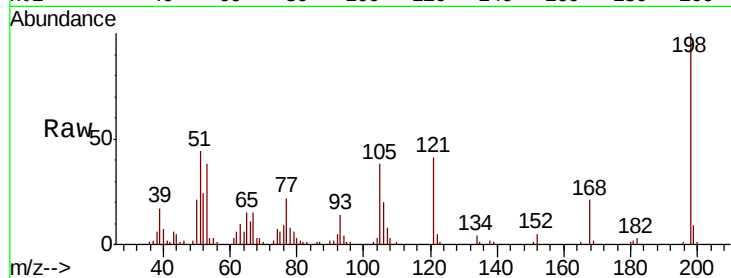




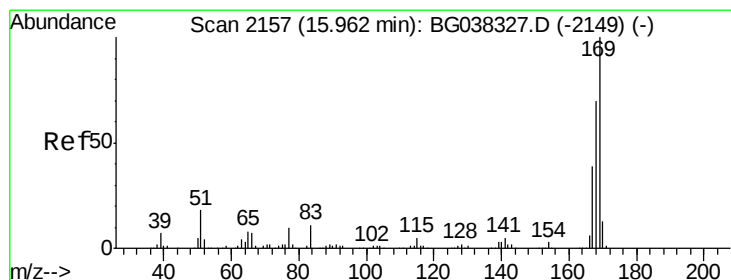
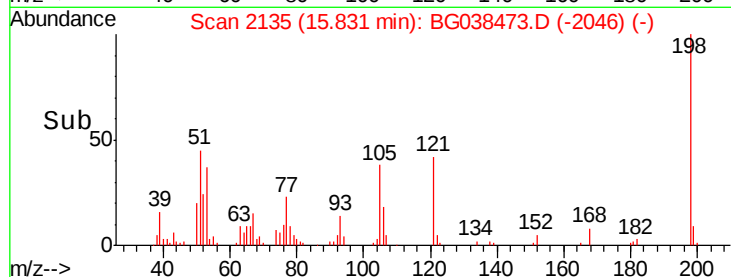
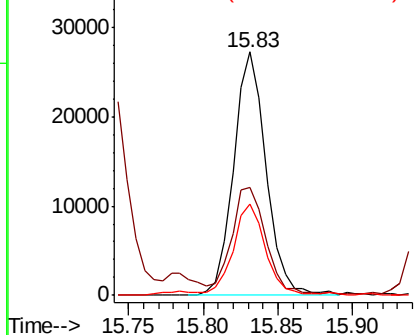
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.714 ng  
 RT: 15.83 min Scan# 2135  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

Tgt Ion:198 Resp: 41378  
 Ion Ratio Lower Upper  
 198 100  
 51 44.1 22.7 62.7  
 105 37.6 19.7 59.7

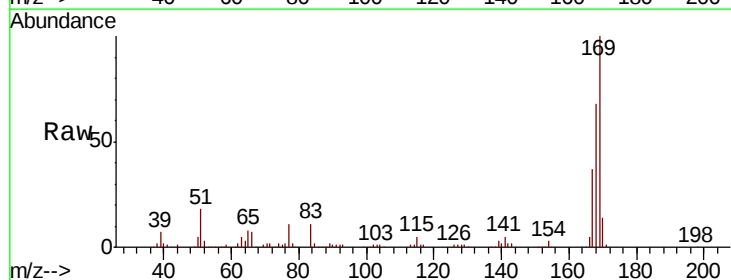


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

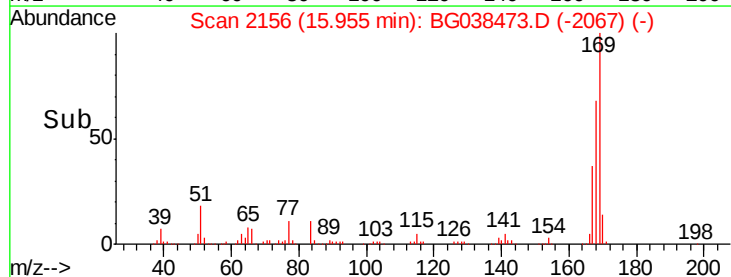
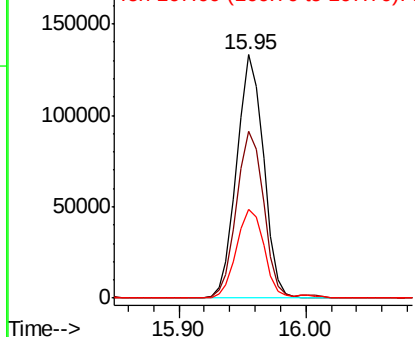


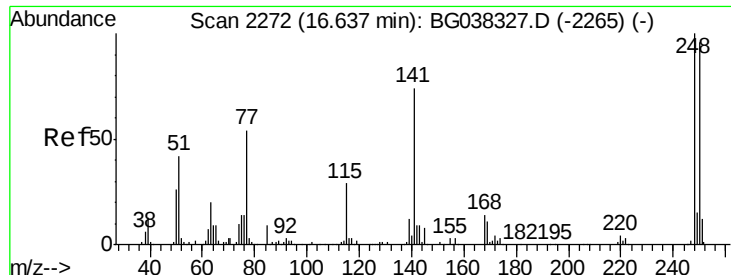
#66  
 n-Nitrosodiphenylamine  
 Concen: 27.199 ng  
 RT: 15.95 min Scan# 2156  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Tgt Ion:169 Resp: 195440  
 Ion Ratio Lower Upper  
 169 100  
 168 68.4 55.7 83.5  
 167 36.6 31.3 46.9



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

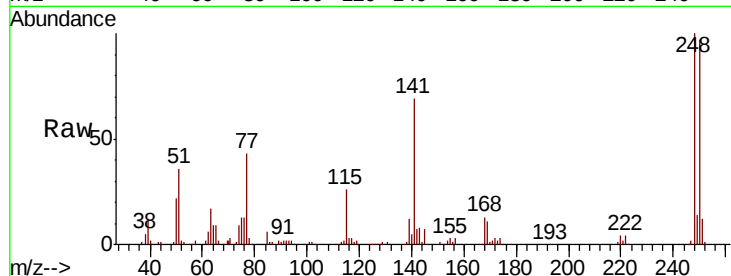




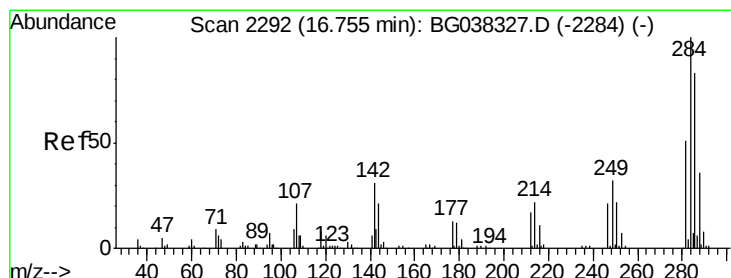
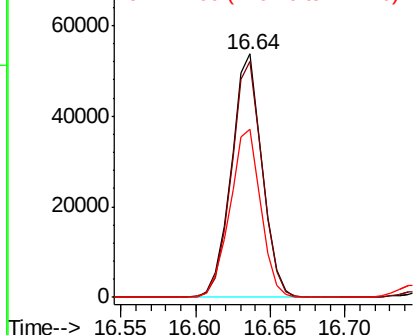
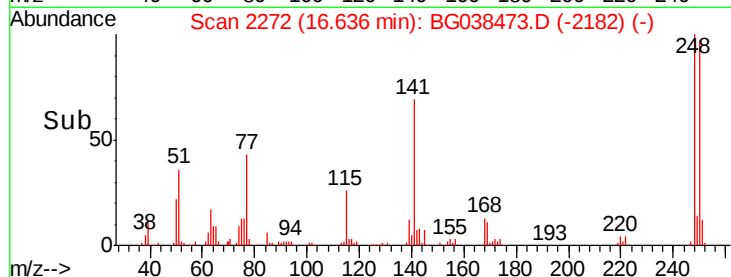
#67  
4-Bromophenyl-phenylether  
Concen: 27.938 ng  
RT: 16.64 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

Tgt Ion:248 Resp: 77093  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.0 115.6  
141 69.0 55.5 83.3

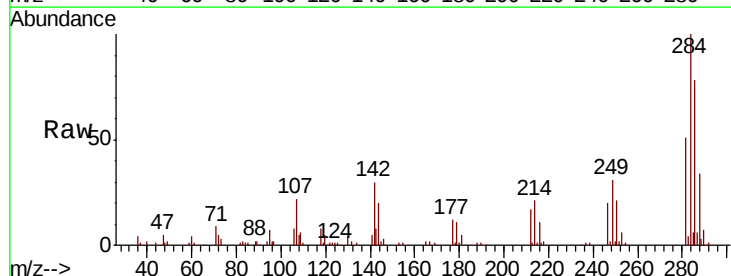


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

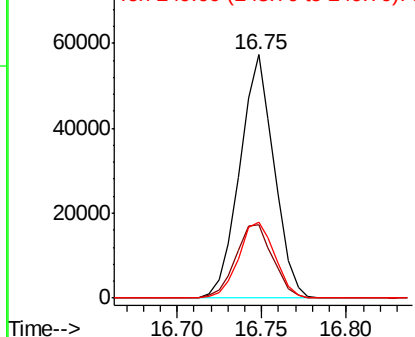
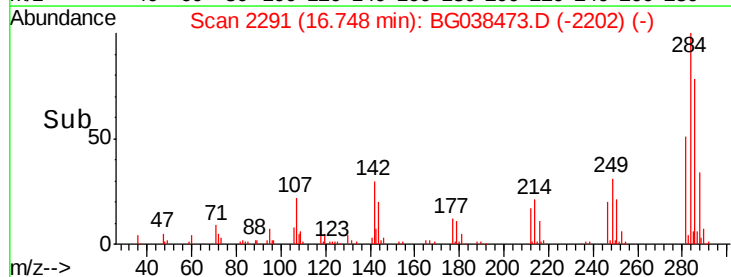


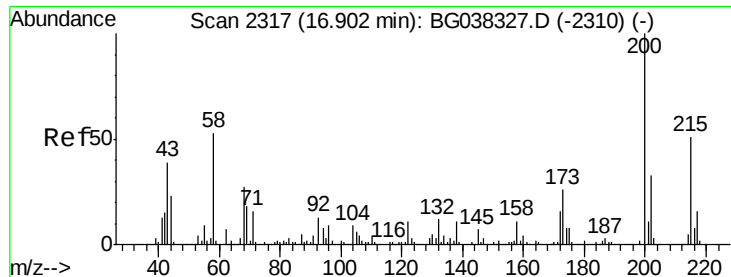
#68  
Hexachlorobenzene  
Concen: 28.456 ng  
RT: 16.75 min Scan# 2291  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:284 Resp: 80995  
Ion Ratio Lower Upper  
284 100  
142 30.3 28.1 42.1  
249 33.0 29.8 44.8



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





#69

Atrazine

Concen: 28.998 ng

RT: 16.89 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

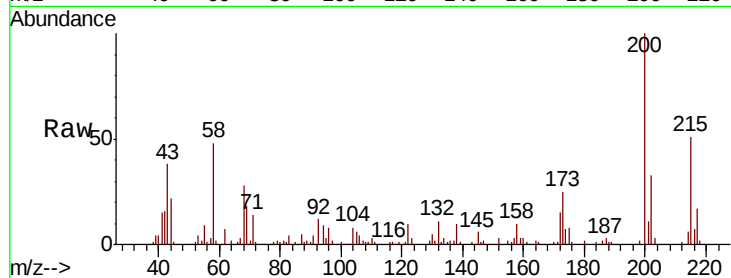
Tgt Ion:200 Resp: 77750

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

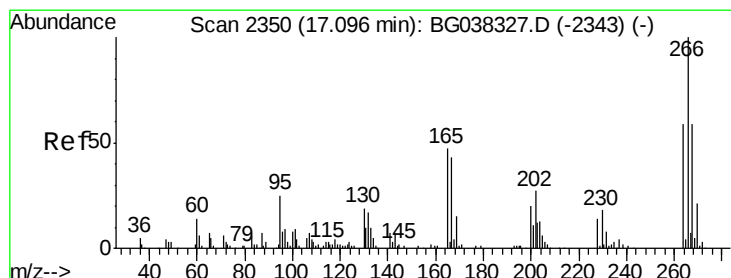
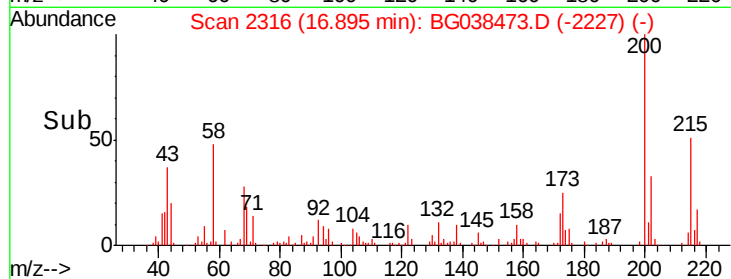
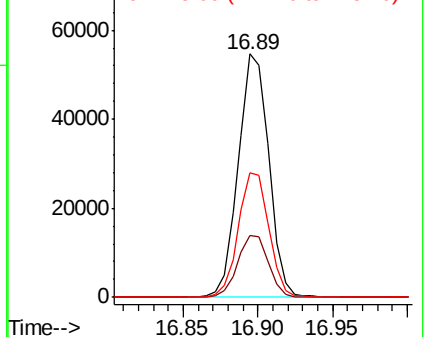
215 51.3 30.8 70.8



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: 43.500 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

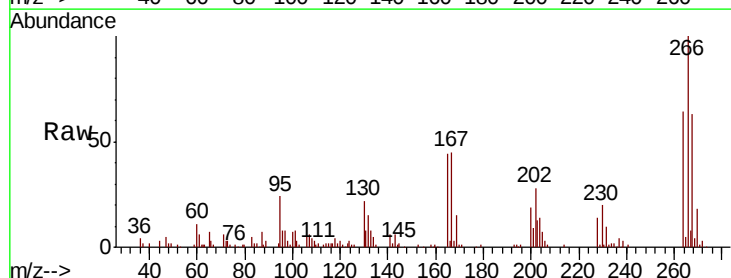
Tgt Ion:266 Resp: 84805

Ion Ratio Lower Upper

266 100

268 67.8 55.0 82.6

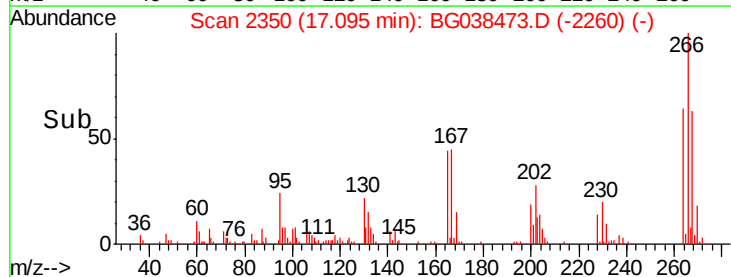
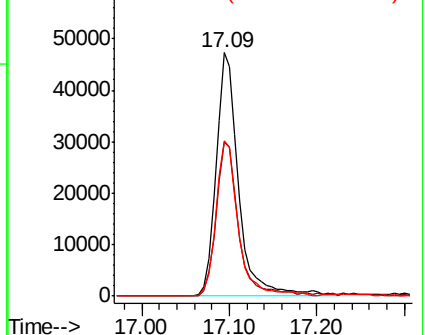
264 69.3 58.9 88.3

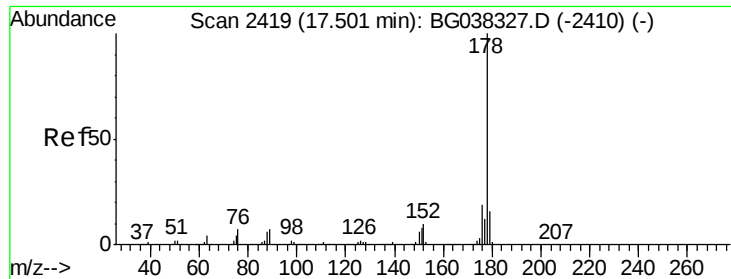


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

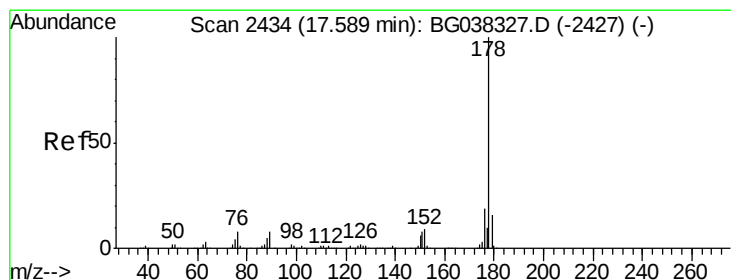
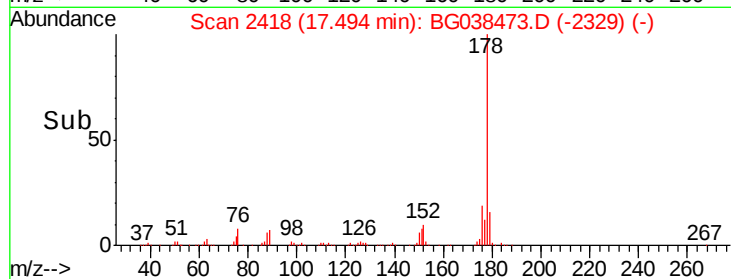
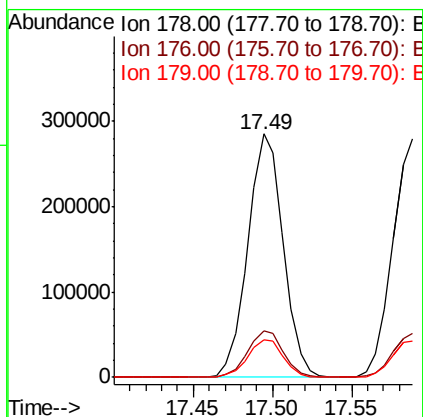
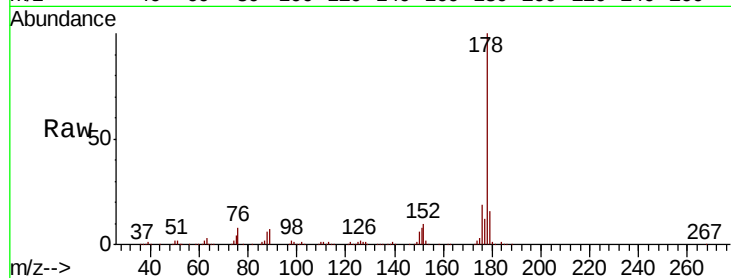




#71  
Phenanthrene  
Concen: 34.487 ng  
RT: 17.49 min Scan# 2418  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

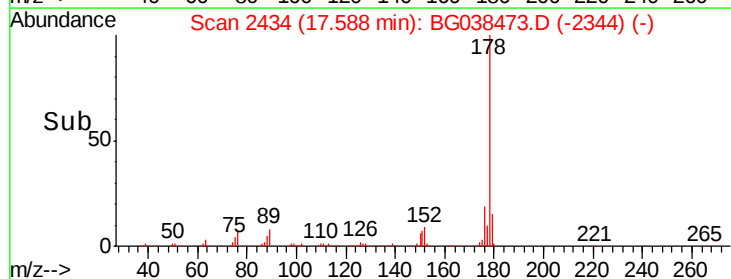
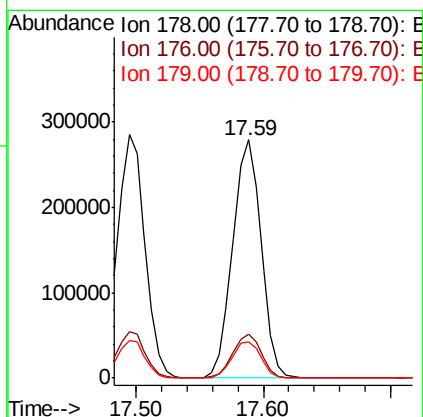
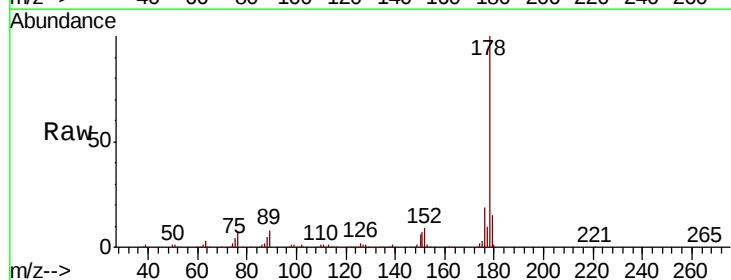
Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

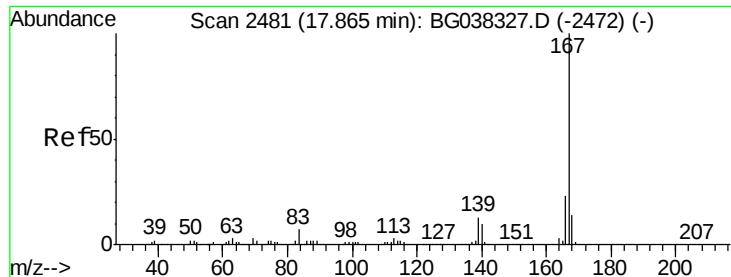
Tgt Ion:178 Resp: 441319  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.1 24.1  
179 15.6 13.0 19.4



#72  
Anthracene  
Concen: 34.765 ng  
RT: 17.59 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Tgt Ion:178 Resp: 430829  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.4  
179 15.3 12.8 19.2

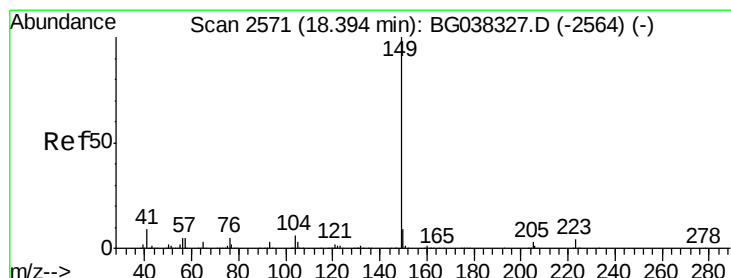
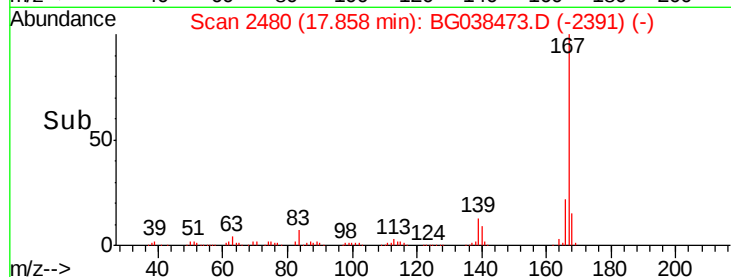
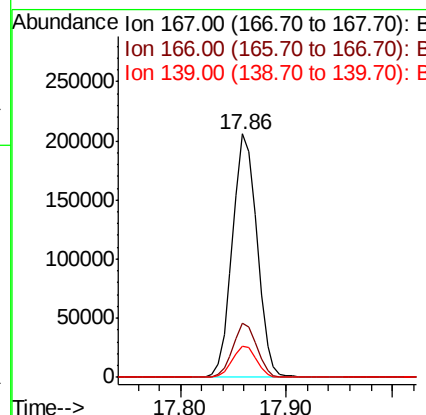
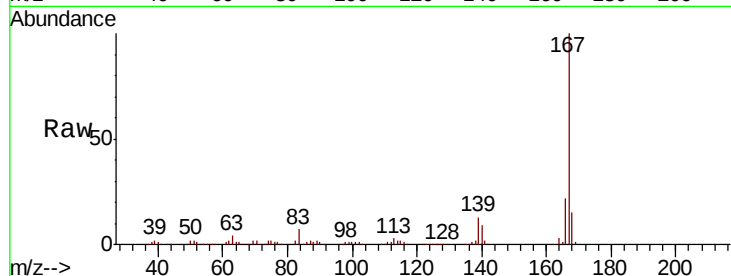




#73  
 Carbazole  
 Concen: 27.008 ng  
 RT: 17.86 min Scan# 2480  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

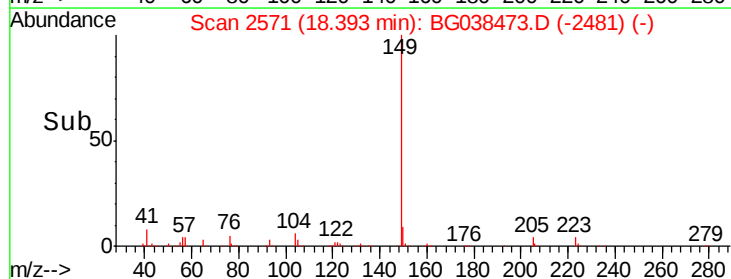
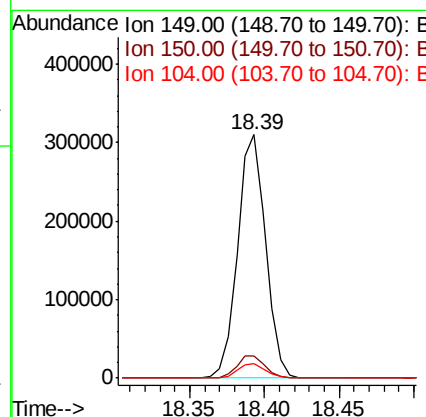
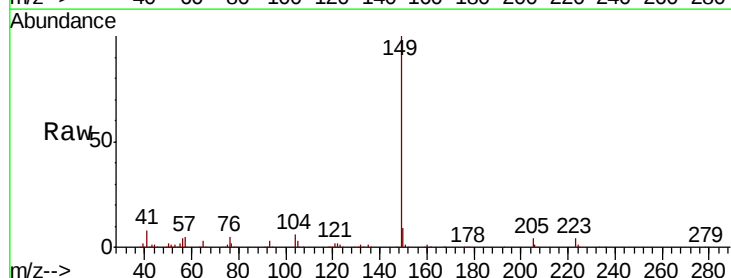
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

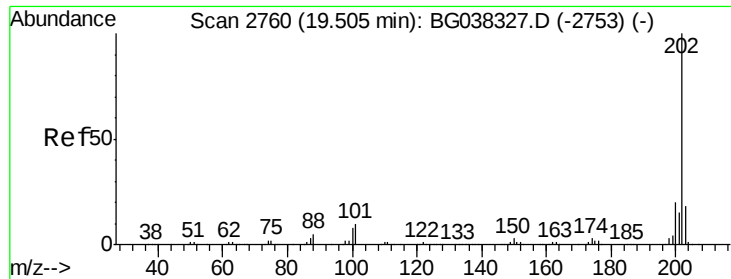
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.3  | 27.5  |
| 139     | 12.8  | 10.5  | 15.7  |



#74  
 Di-n-butylphthalate  
 Concen: 28.219 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 8.2   | 12.2  |
| 104     | 5.8   | 4.0   | 6.0   |

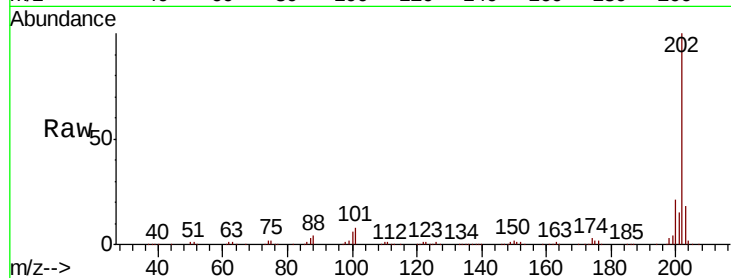




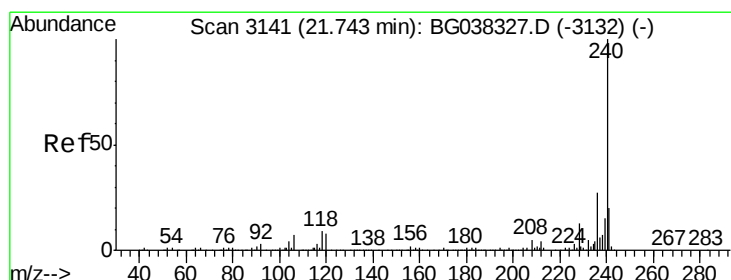
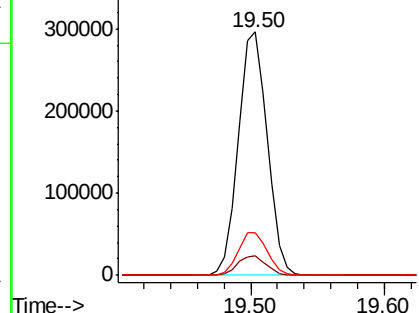
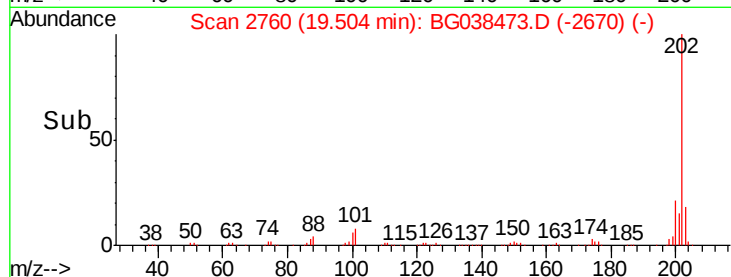
#75  
 Fluoranthene  
 Concen: 29.938 ng  
 RT: 19.50 min Scan# 2760  
 Delta R.T. -0.00 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB115480BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 447613 |       |       |
| 101     | 8.2   |        | 0.0   | 30.7  |
| 203     | 17.6  |        | 0.0   | 38.5  |

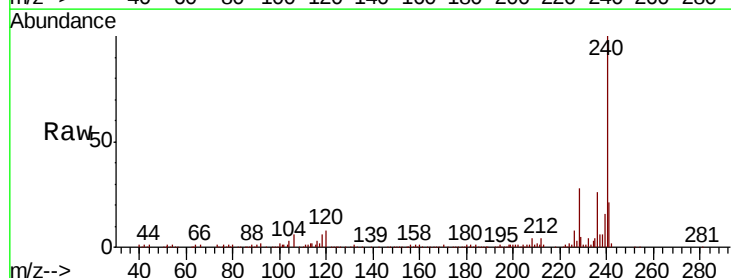


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

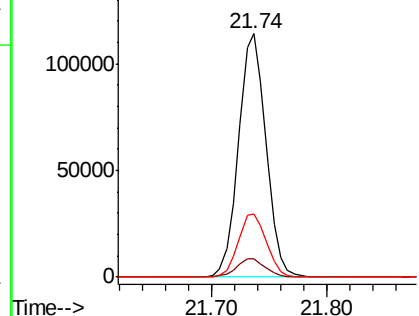
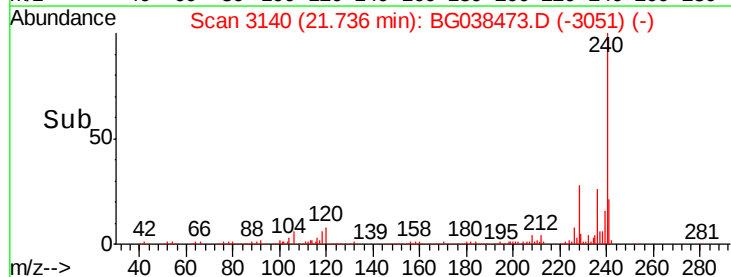


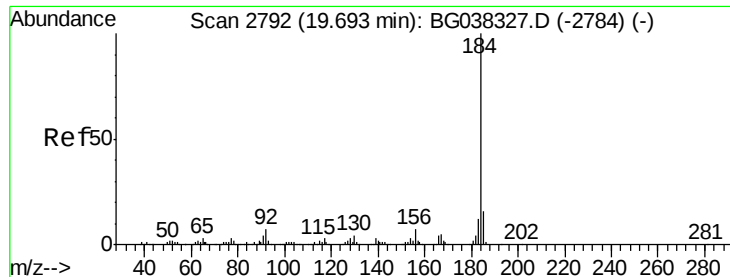
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.74 min Scan# 3140  
 Delta R.T. -0.01 min  
 Lab File: BG038473.D  
 Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 187745 |       |       |
| 120     | 7.7   |        | 8.1   | 12.1# |
| 236     | 26.1  |        | 21.4  | 32.0  |



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: 15.767 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

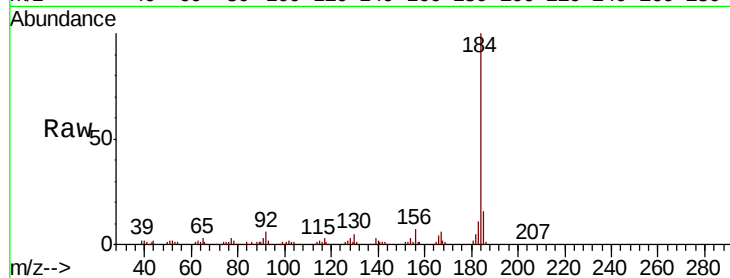
Tgt Ion:184 Resp: 99891

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

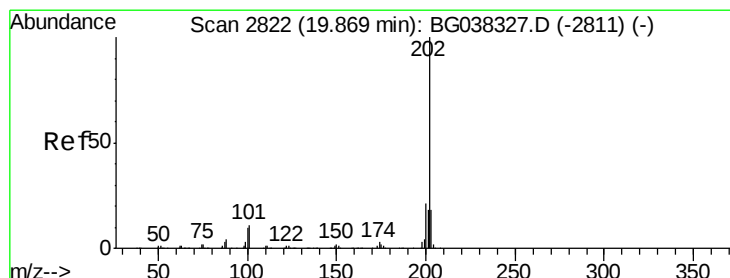
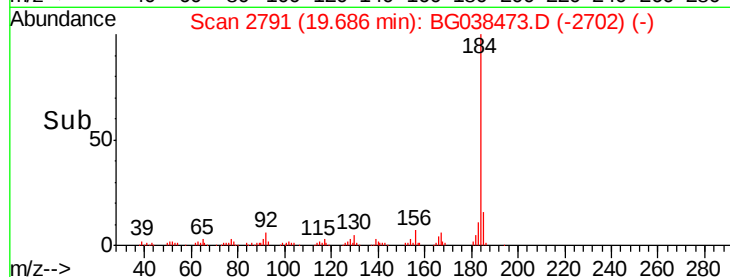
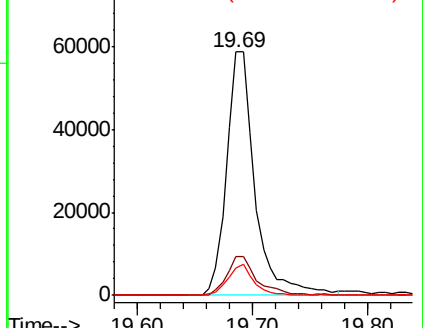
183 11.3 10.2 15.2



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: 33.810 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

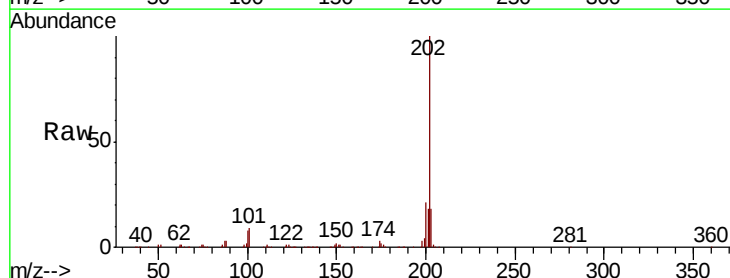
Tgt Ion:202 Resp: 444135

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

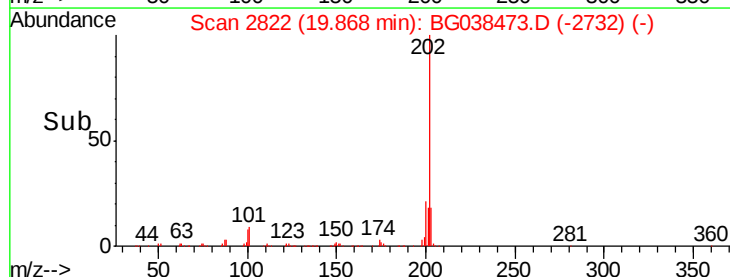
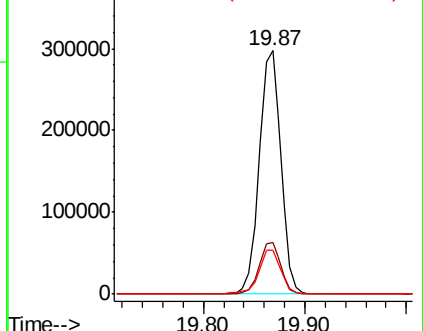
203 17.8 15.2 22.8

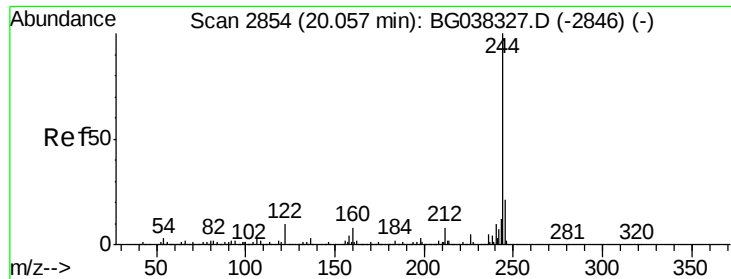


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.647 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

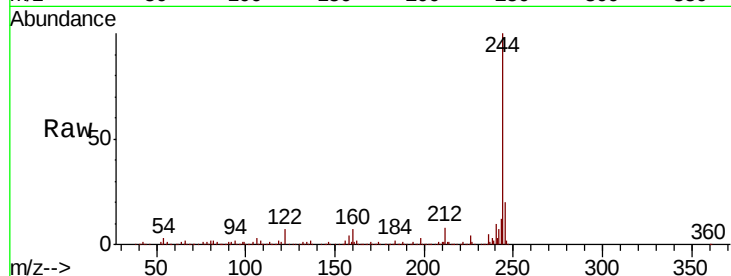
Tgt Ion:244 Resp: 645437

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

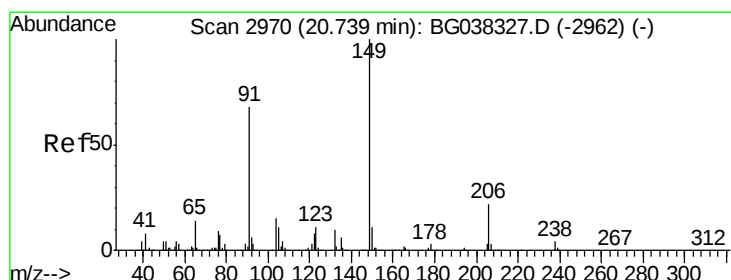
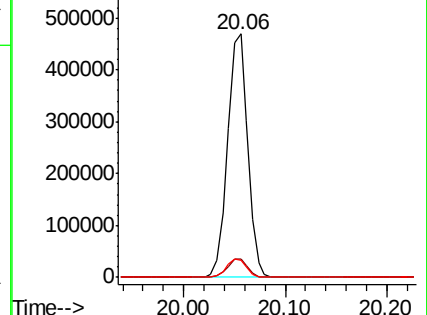
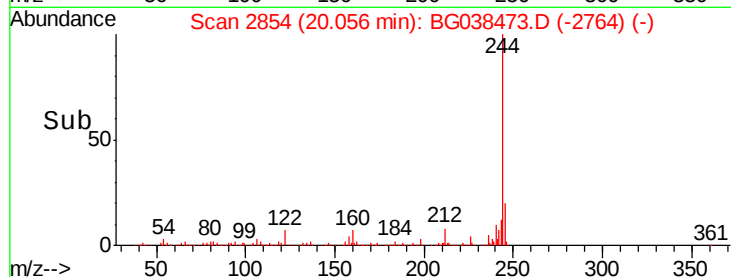
122 7.1 9.0 13.4#



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: 33.678 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

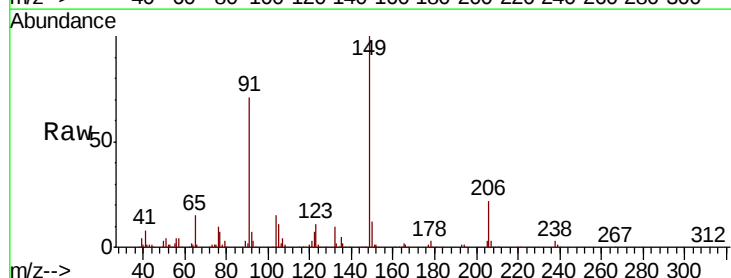
Tgt Ion:149 Resp: 177937

Ion Ratio Lower Upper

149 100

91 70.6 57.0 85.4

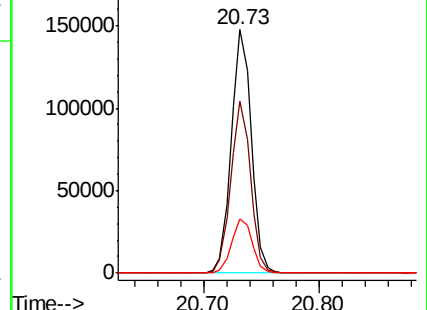
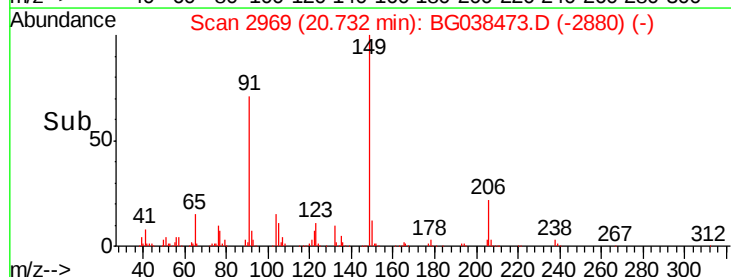
206 22.0 17.8 26.6

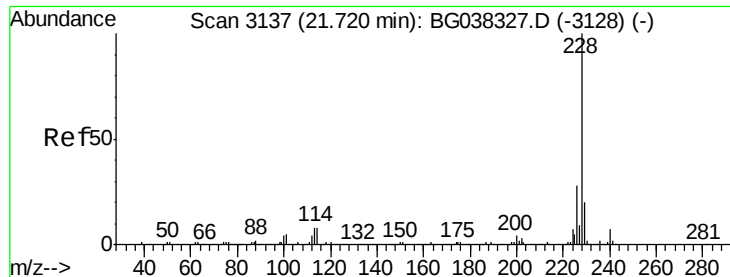


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.428 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

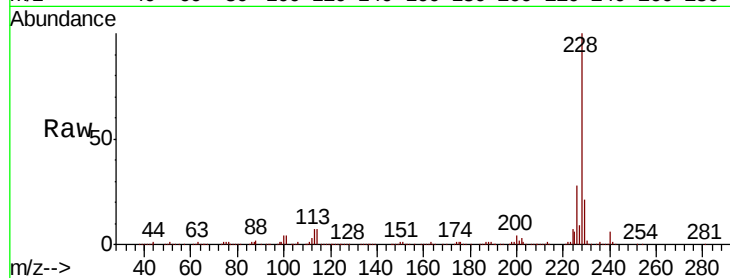
Tgt Ion:228 Resp: 420345

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

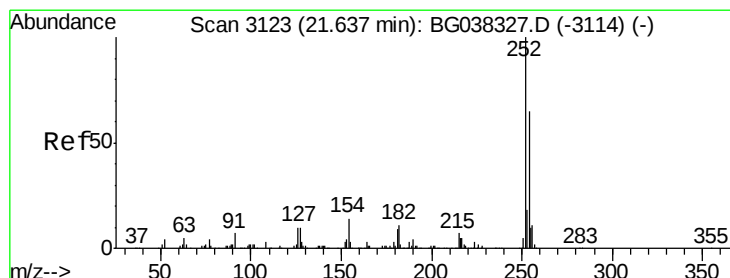
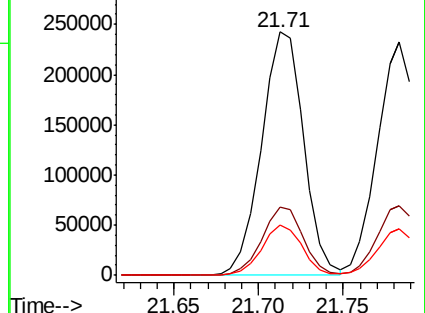
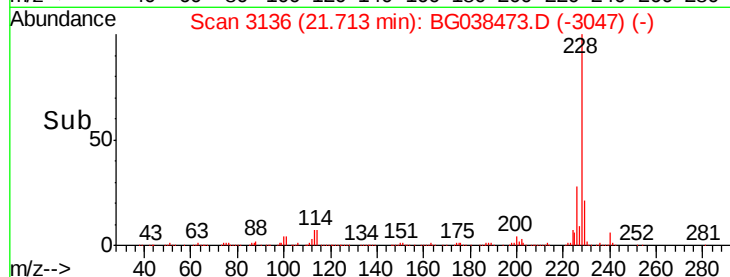
229 20.9 16.3 24.5



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: 22.541 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

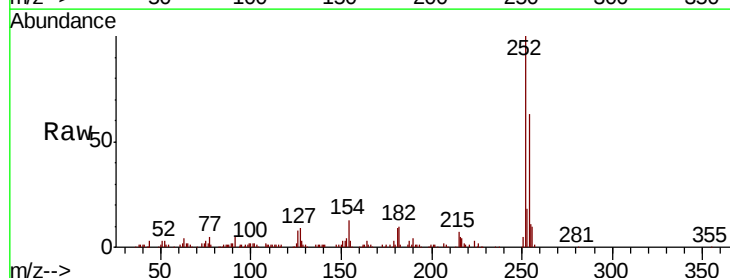
Tgt Ion:252 Resp: 101182

Ion Ratio Lower Upper

252 100

254 62.6 52.0 78.0

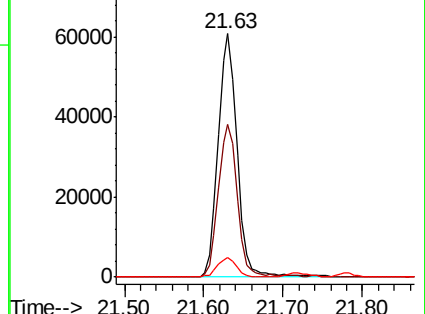
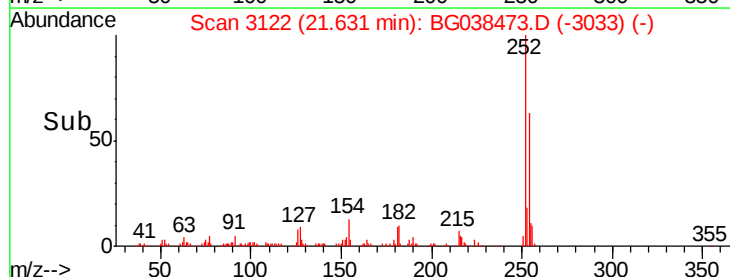
126 8.1 8.2 12.4#

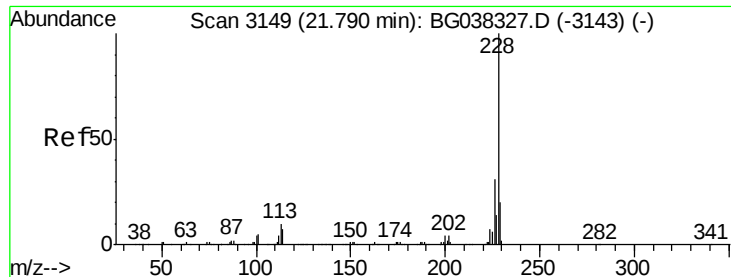


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.876 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

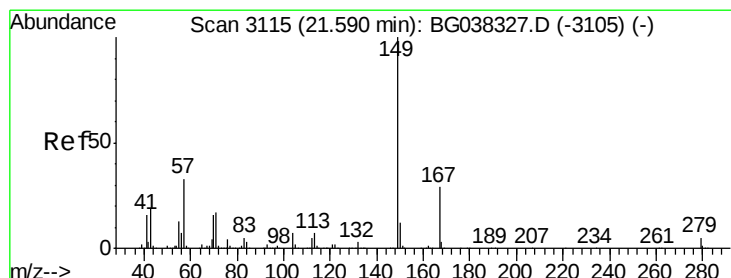
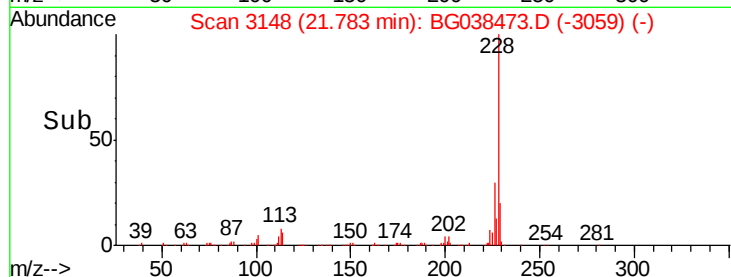
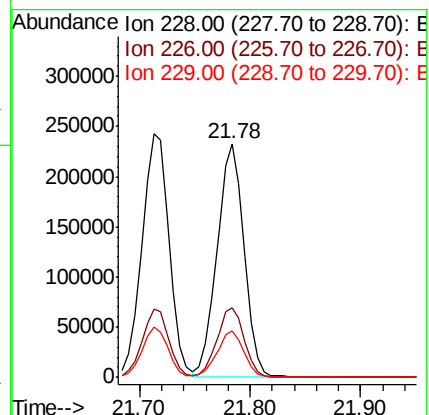
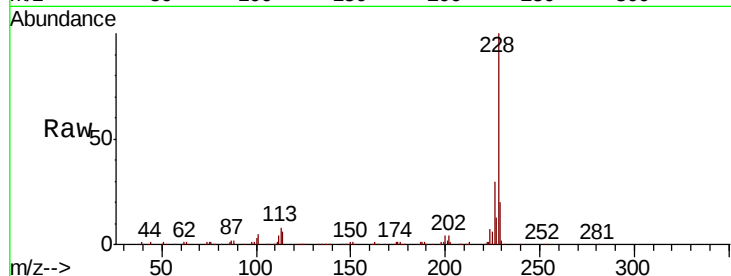
Tgt Ion:228 Resp: 391749

Ion Ratio Lower Upper

228 100

226 30.0 25.7 38.5

229 19.9 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.537 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

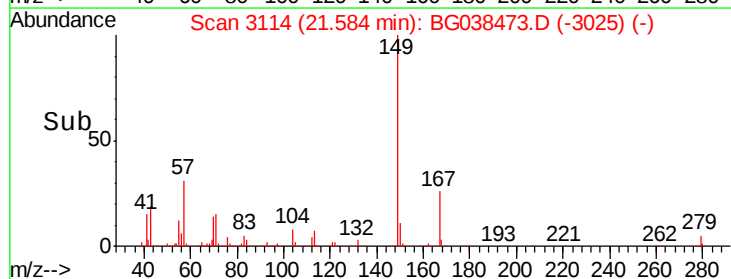
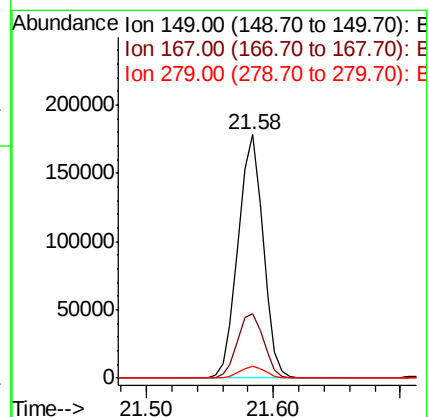
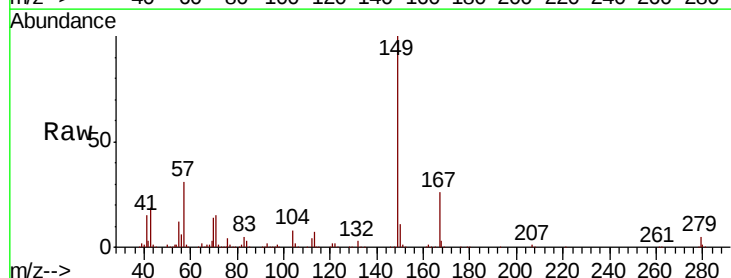
Tgt Ion:149 Resp: 243657

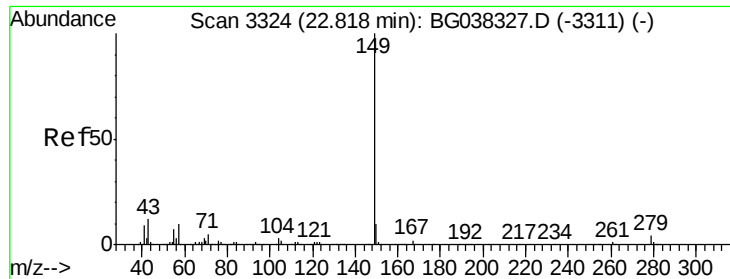
Ion Ratio Lower Upper

149 100

167 26.4 23.0 34.4

279 4.8 3.6 5.4

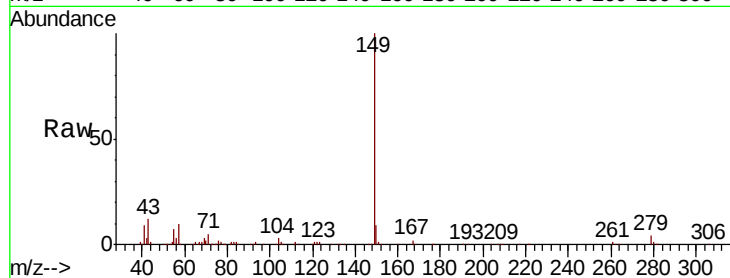




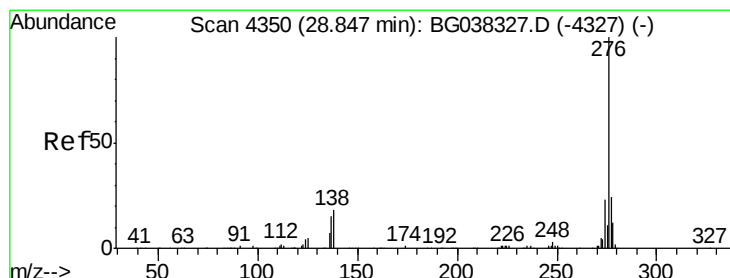
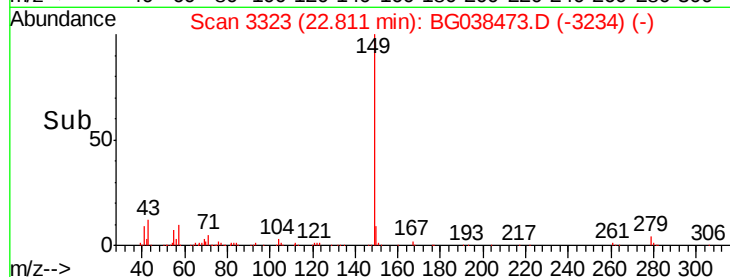
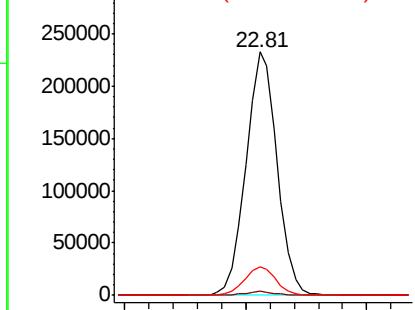
#85  
Di-n-octyl phthalate  
Concen: 32.450 ng  
RT: 22.81 min Scan# 3323  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
PB115480BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 12.1  | 8.7   | 13.1  |

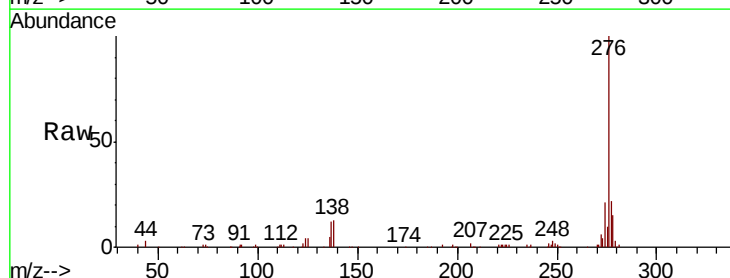


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

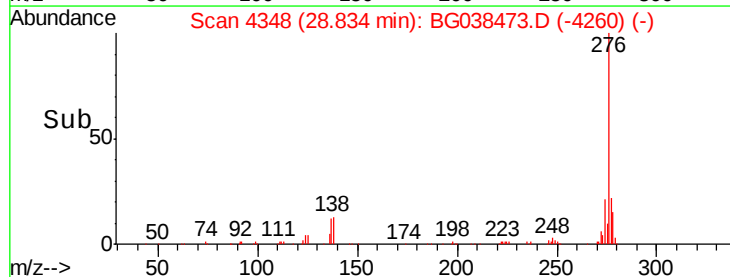
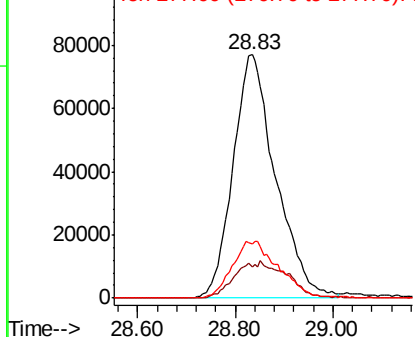


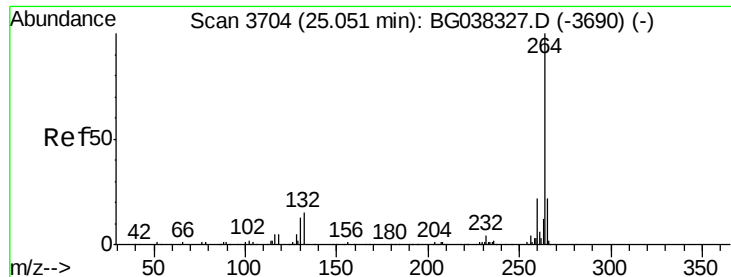
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.591 ng  
RT: 28.83 min Scan# 4348  
Delta R.T. -0.01 min  
Lab File: BG038473.D  
Acq: 11 Dec 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.8   | 12.0  | 18.0# |
| 277     | 25.3  | 20.6  | 30.8  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

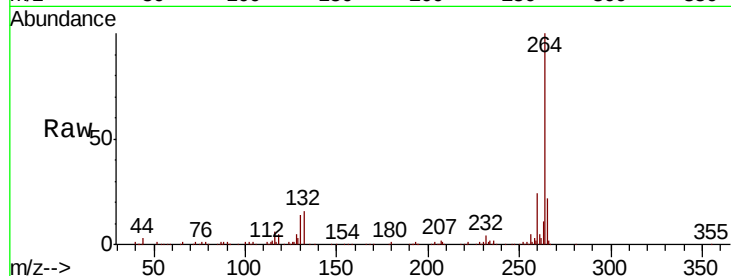
Tgt Ion:264 Resp: 249912

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

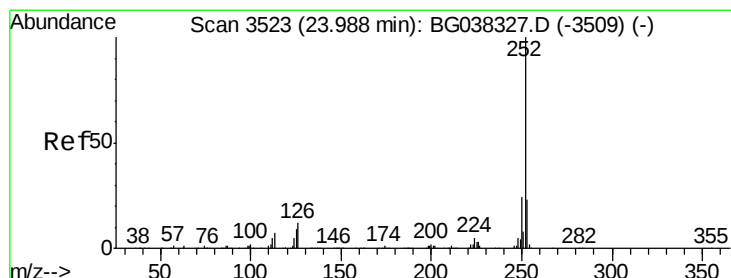
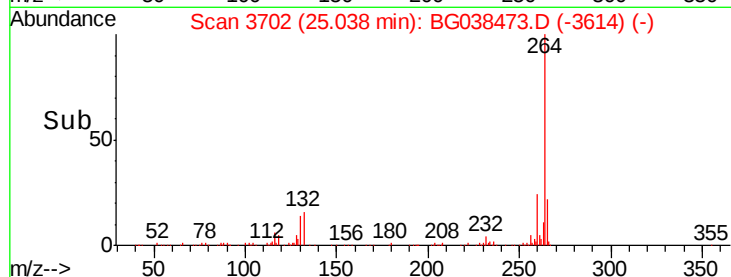
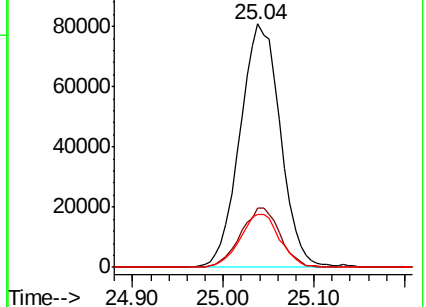
265 22.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.708 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

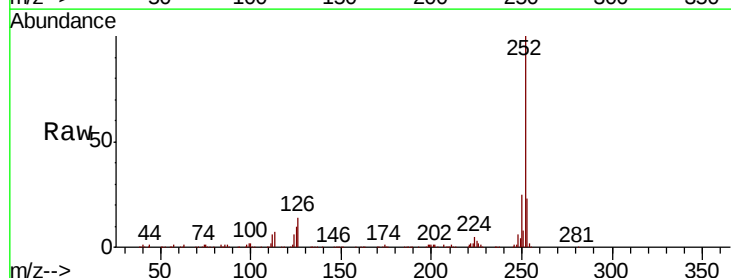
Tgt Ion:252 Resp: 546597

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

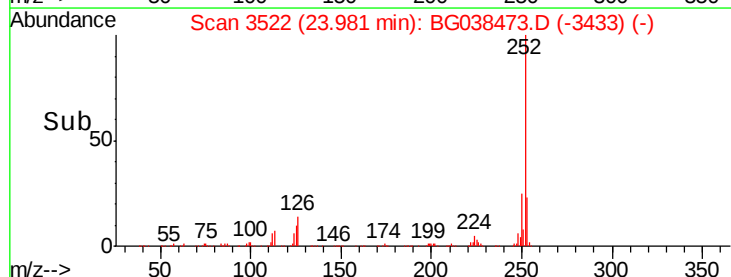
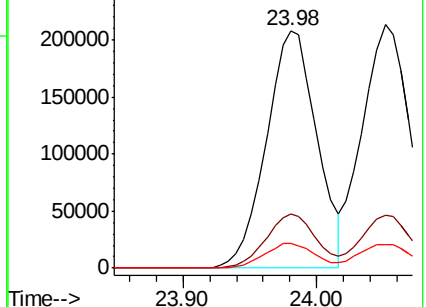
125 10.2 7.8 11.6

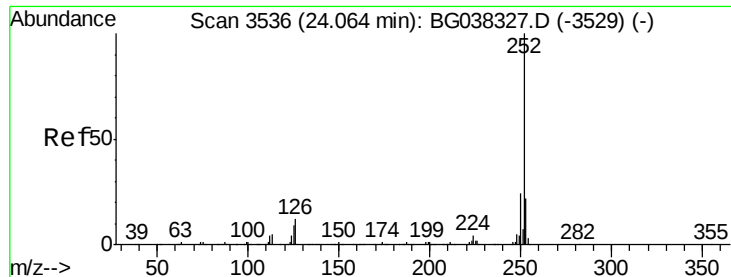


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.115 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

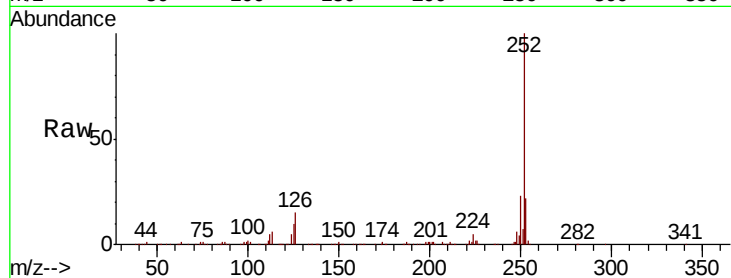
Tgt Ion:252 Resp: 536046

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

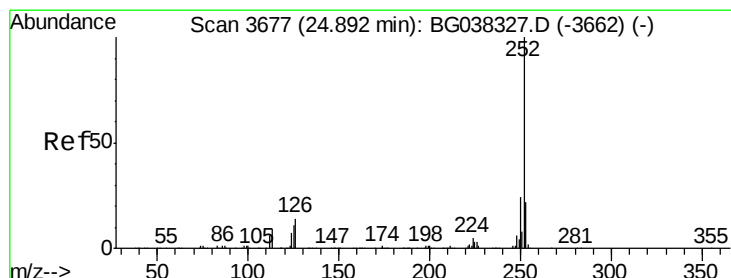
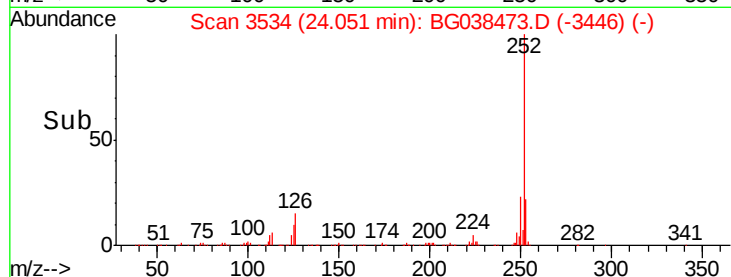
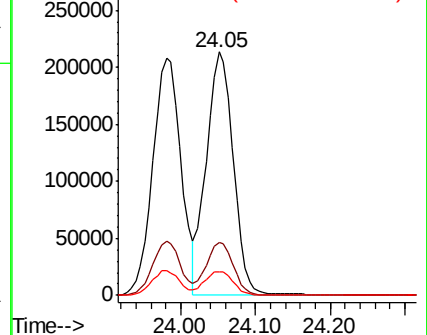
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.529 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

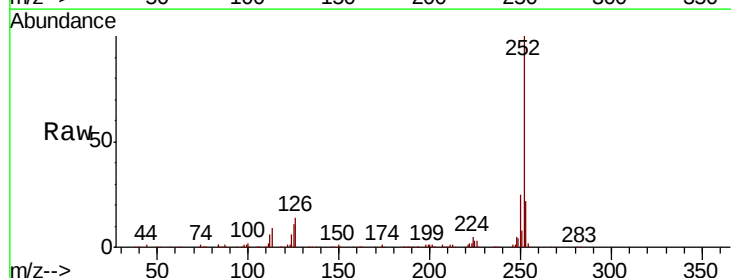
Tgt Ion:252 Resp: 527740

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

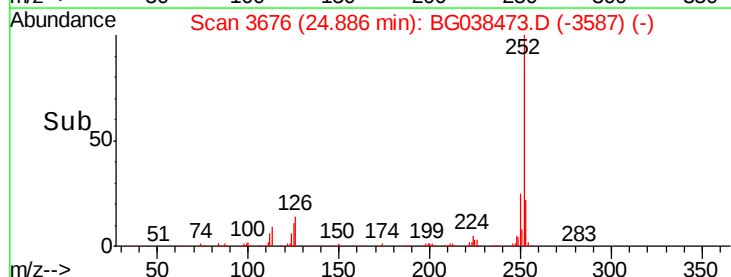
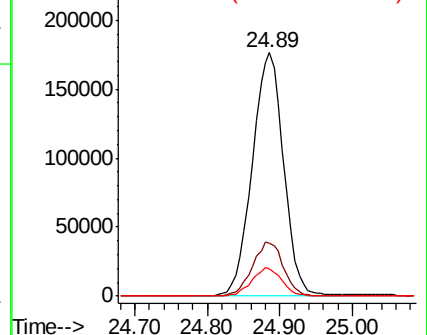
125 11.4 9.0 13.6

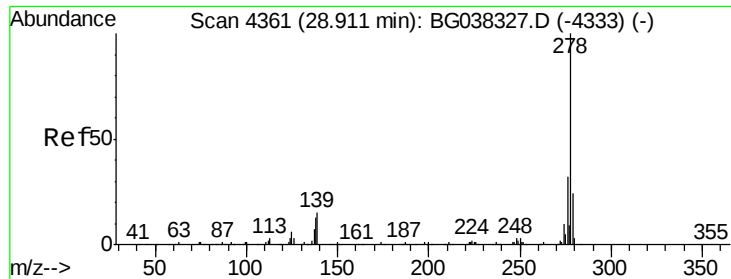


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 29.554 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA\_G

ClientSampleId :

PB115480BS

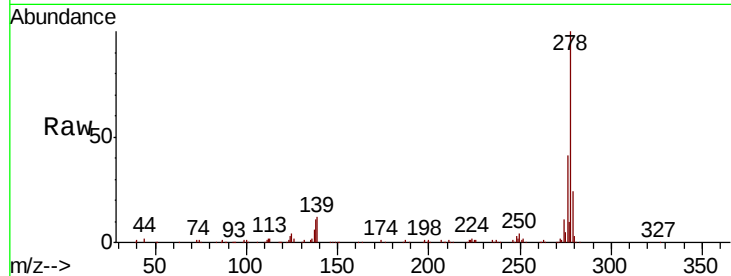
Tgt Ion:278 Resp: 383934

Ion Ratio Lower Upper

278 100

139 12.0 11.5 17.3

279 23.9 18.6 27.8

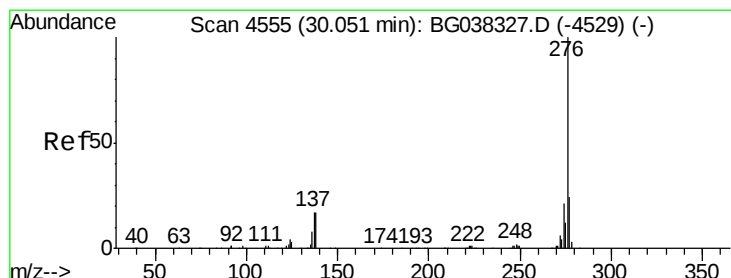
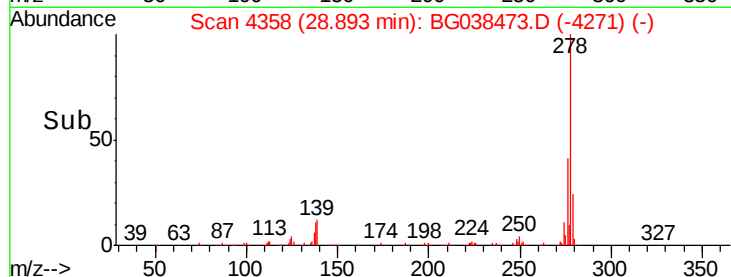
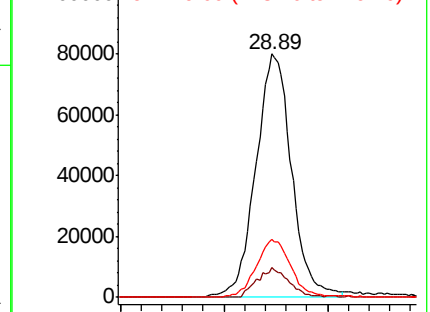


Abundance

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: 29.669 ng

RT: 30.03 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

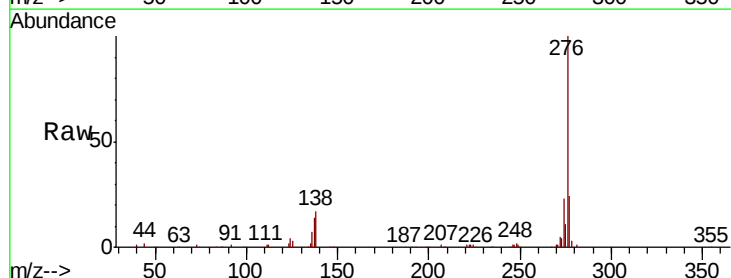
Tgt Ion:276 Resp: 382395

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 16.6 17.2 25.8#



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

