

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\  
 Data File : BG040781.D  
 Acq On : 8 May 2019 00:14  
 Operator : HP/JU  
 Sample : PB119477BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

Quant Time: May 08 03:56:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 57198    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.97 | 136  | 232428   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 169518   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 460021   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.80 | 240  | 474631   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.15 | 264  | 401928   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.67  | 112 | 488457  | 150.54 | ng | -0.01 |
| 7) Phenol-d6             | 7.29  | 99  | 696288  | 139.37 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 417555  | 83.01  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 363743  | 156.11 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.40 | 172 | 881120  | 75.07  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.11 | 244 | 1780944 | 83.13  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 48226  | 32.681 | ng | 93     |
| 3) Pyridine                    | 3.95  | 79  | 133338 | 31.174 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.87  | 42  | 83464  | 35.180 | ng | 92     |
| 6) Aniline                     | 7.47  | 93  | 171446 | 25.890 | ng | 96     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 157351 | 39.715 | ng | 97     |
| 9) Benzaldehyde                | 7.28  | 77  | 66496  | 18.167 | ng | 93     |
| 10) Phenol                     | 7.31  | 94  | 215808 | 40.184 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 147941 | 36.735 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 163132 | 37.723 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 170266 | 38.839 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 163169 | 38.595 | ng | 96     |
| 15) Benzyl Alcohol             | 8.38  | 79  | 183912 | 35.378 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45  | 255045 | 31.809 | ng | 98     |
| 17) 2-Methylphenol             | 8.57  | 107 | 149940 | 39.451 | ng | 96     |
| 18) Hexachloroethane           | 9.23  | 117 | 66114  | 36.765 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 142928 | 31.781 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 203462 | 38.428 | ng | 98     |
| 22) Acetophenone               | 8.98  | 105 | 260866 | 40.362 | ng | # 94   |
| 24) Nitrobenzene               | 9.36  | 77  | 222596 | 41.475 | ng | 97     |
| 25) Isophorone                 | 9.88  | 82  | 395583 | 35.305 | ng | 98     |
| 26) 2-Nitrophenol              | 10.07 | 139 | 91935  | 47.787 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 171046 | 47.386 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 207031 | 36.827 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 183002 | 44.595 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 193415 | 42.502 | ng | 96     |
| 31) Naphthalene                | 11.02 | 128 | 488724 | 39.579 | ng | 99     |
| 32) Benzoic acid               | 10.23 | 122 | 98116  | 39.706 | ng | 90     |
| 33) 4-Chloroaniline            | 11.13 | 127 | 130561 | 23.847 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 142846 | 42.518 | ng | 98     |
| 35) Caprolactam                | 11.91 | 113 | 62445  | 38.542 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107 | 211414 | 40.838 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 367547 | 39.810 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 347092 | 38.462 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 257344 | 40.751 | ng | 99     |

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 ALS Vial : 16 Sample Multiplier: 1

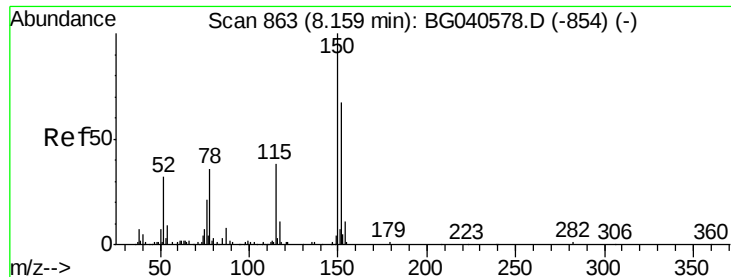
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

Quant Time: May 08 03:56:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 251155   | 67.400 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 170655   | 44.719 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 187901   | 45.199 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 489095   | 37.161 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 409761   | 39.782 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 165255   | 45.072 | ng    | 96       |
| 49) Acenaphthylene             | 14.50 | 152  | 636727   | 36.436 | ng    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 541636   | 38.189 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 121961   | 44.059 | ng    | 92       |
| 52) Acenaphthene               | 14.84 | 154  | 376422   | 36.988 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 102973   | 36.306 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 72665    | 49.478 | ng    | # 89     |
| 55) Dibenzofuran               | 15.17 | 168  | 653811   | 39.223 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.97 | 139  | 198457   | 80.695 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 181154   | 48.161 | ng    | 90       |
| 58) Fluorene                   | 15.81 | 166  | 520728   | 38.650 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 199904   | 47.775 | ng    | 96       |
| 60) Diethylphthalate           | 15.57 | 149  | 574476   | 38.389 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 321102   | 40.978 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.84 | 138  | 136014   | 42.870 | ng    | 94       |
| 63) Azobenzene                 | 16.10 | 77   | 554845   | 36.003 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 78840    | 36.738 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 493027   | 36.428 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 217157   | 37.890 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 232390   | 39.215 | ng    | 97       |
| 69) Atrazine                   | 16.96 | 200  | 207662   | 38.727 | ng    | 98       |
| 70) Pentachlorophenol          | 17.15 | 266  | 274804   | 79.245 | ng    | 97       |
| 71) Phenanthrene               | 17.56 | 178  | 941707   | 38.006 | ng    | 98       |
| 72) Anthracene                 | 17.65 | 178  | 956480   | 38.404 | ng    | 99       |
| 73) Carbazole                  | 17.92 | 167  | 859750   | 37.889 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 1023214  | 37.360 | ng    | 99       |
| 75) Fluoranthene               | 19.56 | 202  | 1254516  | 40.629 | ng    | 99       |
| 77) Benzidine                  | 19.74 | 184  | 339697   | 26.139 | ng    | 100      |
| 78) Pyrene                     | 19.92 | 202  | 1242749  | 41.776 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 479667   | 41.371 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 1202443  | 40.085 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 356284   | 33.323 | ng    | 99       |
| 83) Chrysene                   | 21.85 | 228  | 1187892  | 41.639 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 664208   | 39.686 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.91 | 149  | 1125225  | 39.921 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.01 | 276  | 1168836  | 33.887 | ng    | # 91     |
| 88) Benzo(b)fluoranthene       | 24.08 | 252  | 1222184  | 49.761 | ng    | 95       |
| 89) Benzo(k)fluoranthene       | 24.15 | 252  | 1209126  | 52.713 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.00 | 252  | 1178290  | 50.681 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.08 | 278  | 957902   | 40.714 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.22 | 276  | 930863   | 39.754 | ng    | 99       |

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



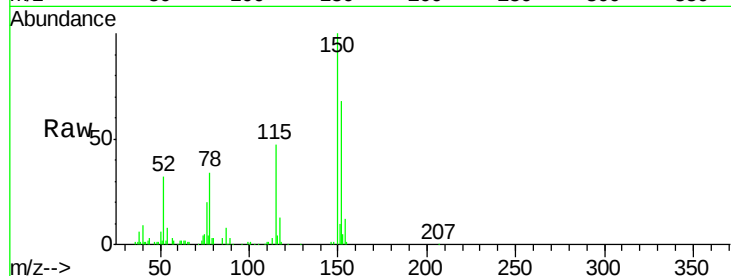


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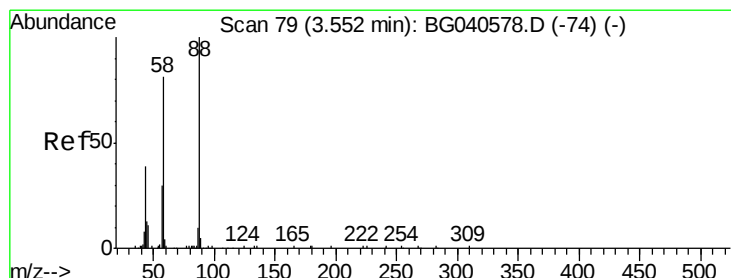
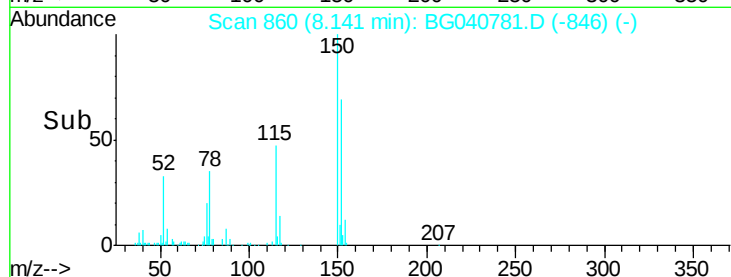
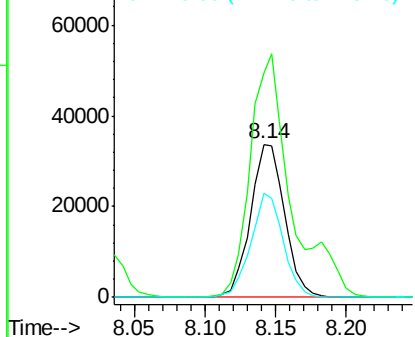
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Concen: 20.000 ng  
RT: 8.14 min Scan# 860  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

Tot Ion:152 Resp: 57198  
Ion Ratio Lower Upper  
152 100  
150 146.8 120.2 180.2  
115 68.5 46.2 69.2



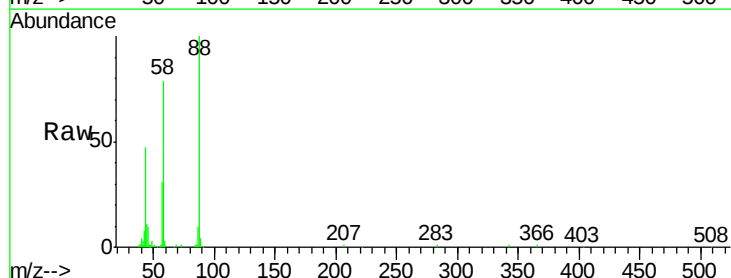
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



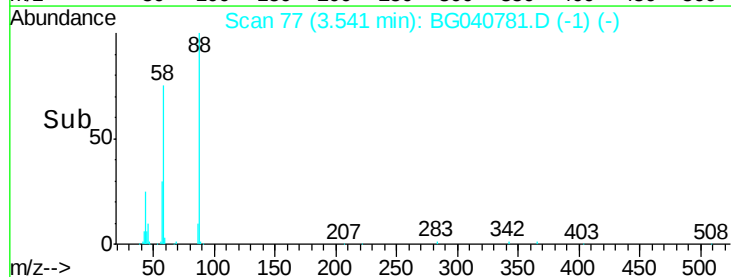
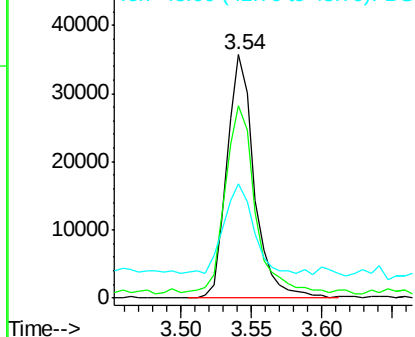
#2

1,4-Dioxane  
Concen: 32.681 ng  
RT: 3.54 min Scan# 77  
Delta R.T. -0.01 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion: 88 Resp: 48226  
Ion Ratio Lower Upper  
88 100  
58 82.9 71.2 106.8  
43 39.7 35.6 53.4



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





#3

Pvridine

Concen: 31.174 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

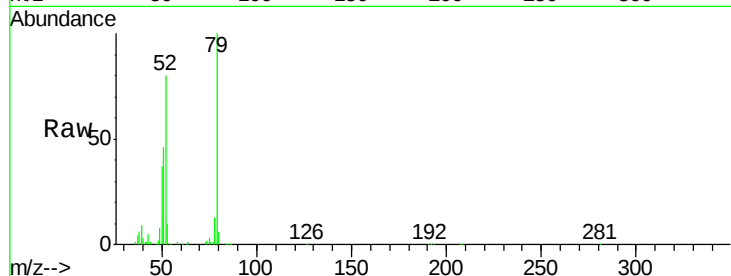
Tot Ion: 79 Resp: 133338

Ion Ratio Lower Upper

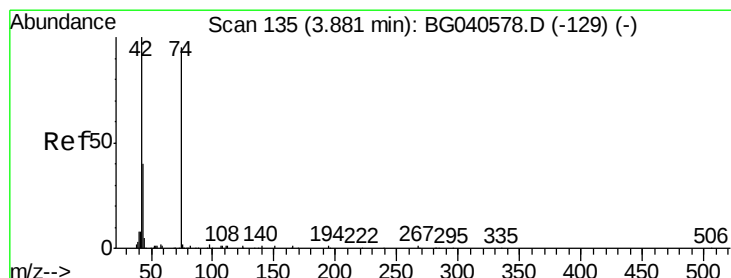
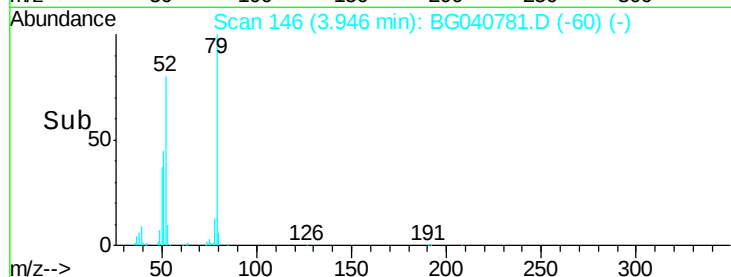
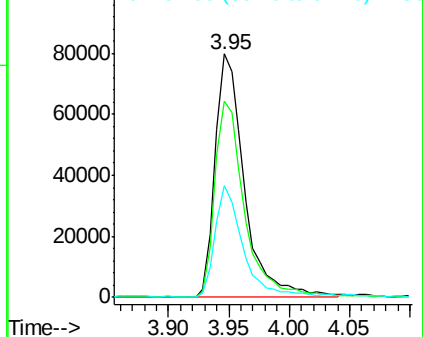
79 100

52 80.4 67.5 101.3

51 45.7 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 35.180 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

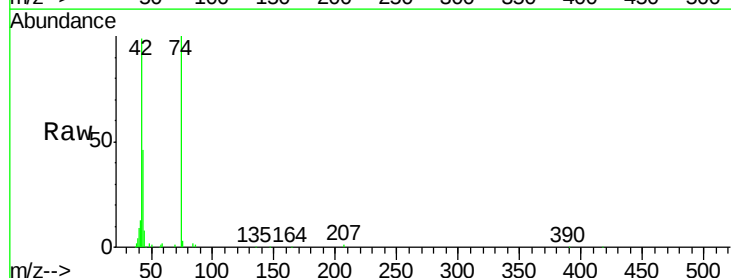
Tgt Ion: 42 Resp: 83464

Ion Ratio Lower Upper

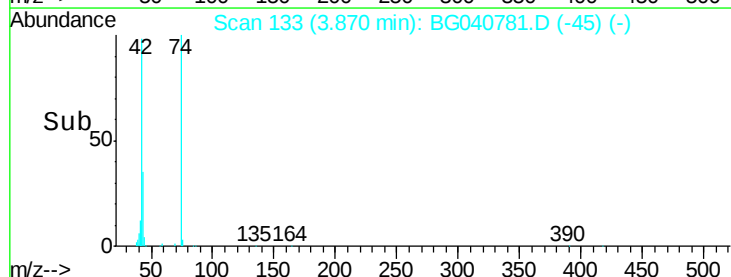
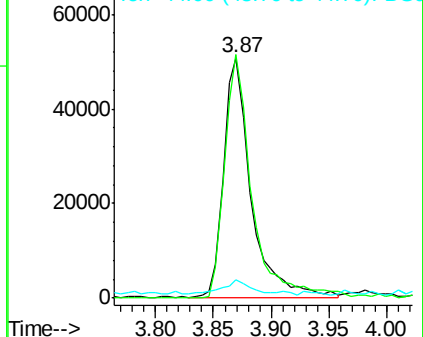
42 100

74 101.3 74.6 111.8

44 7.7 7.4 11.0



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





#5

2-Fluorophenol

Concen: 150.536 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

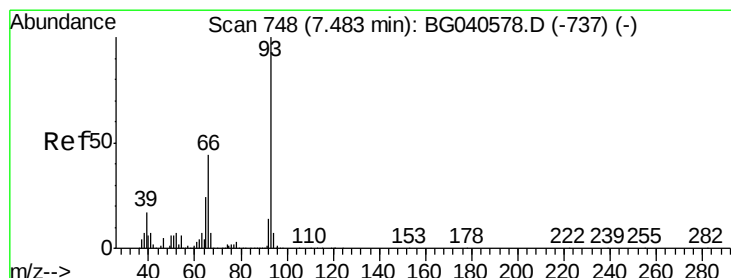
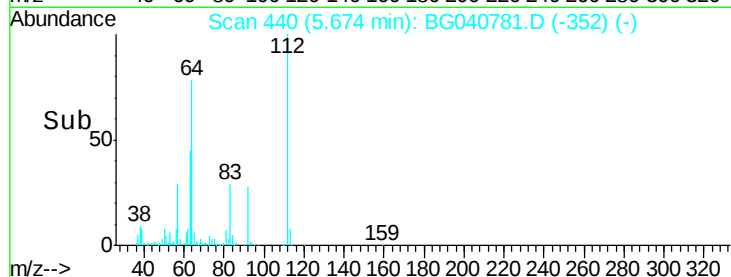
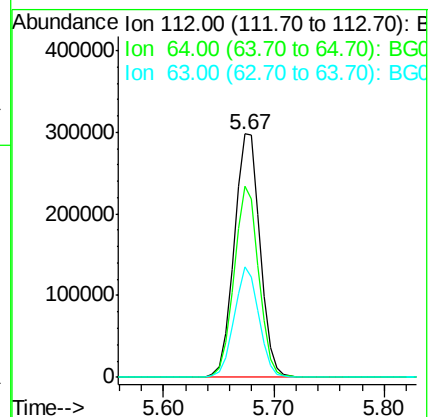
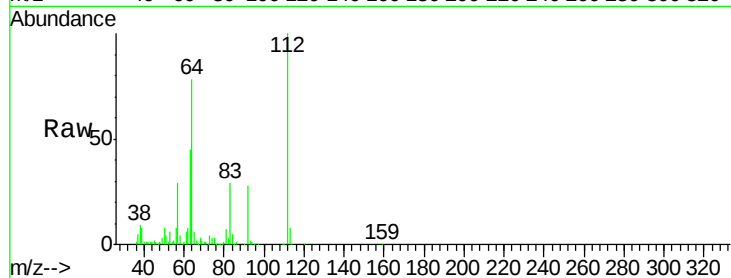
Tot Ion:112 Resp: 488457

Ion Ratio Lower Upper

112 100

64 78.3 61.4 92.0

63 45.4 37.8 56.6



#6

Aniline

Concen: 25.890 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

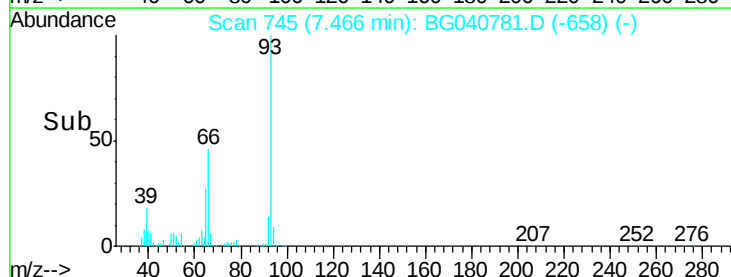
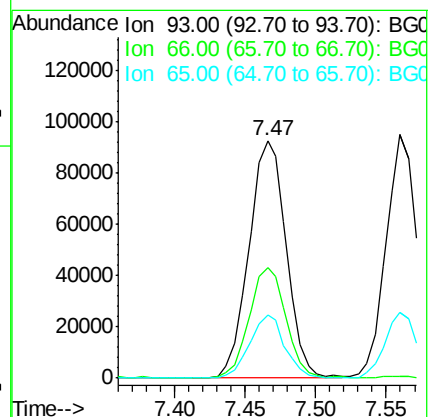
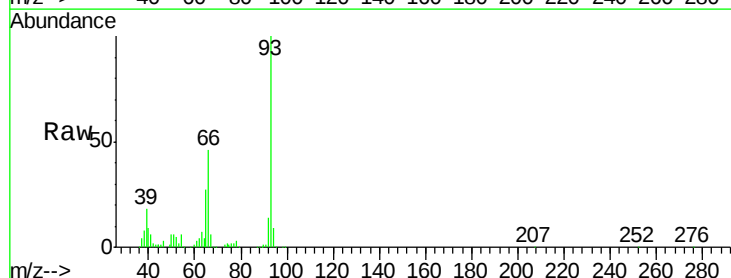
Tgt Ion: 93 Resp: 171446

Ion Ratio Lower Upper

93 100

66 46.5 35.5 53.3

65 26.5 19.2 28.8





#7

Phenol-d6

Concen: 139.367 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

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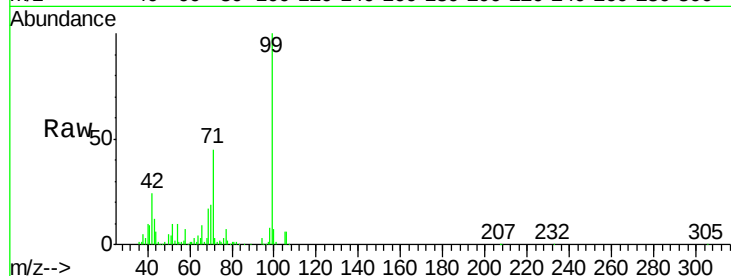
Tot Ion: 99 Resp: 696288

Ion Ratio Lower Upper

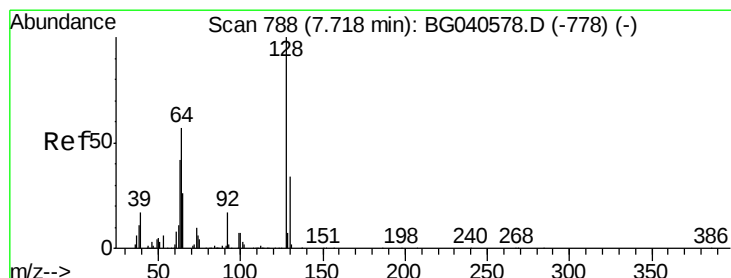
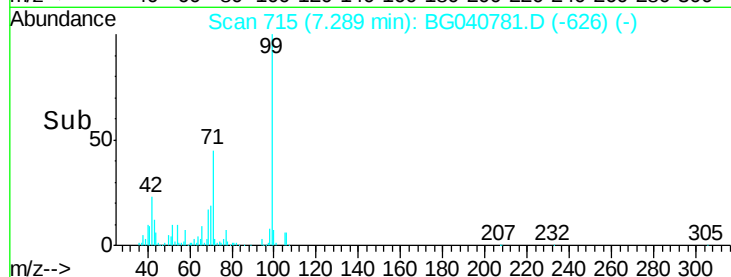
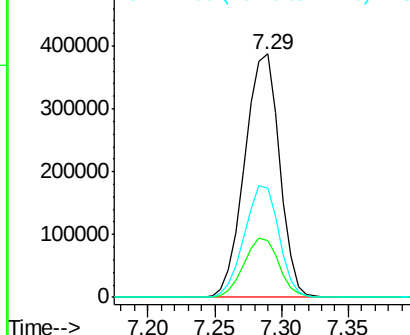
99 100

42 23.5 21.8 32.8

71 45.0 38.6 57.8



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: 39.715 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

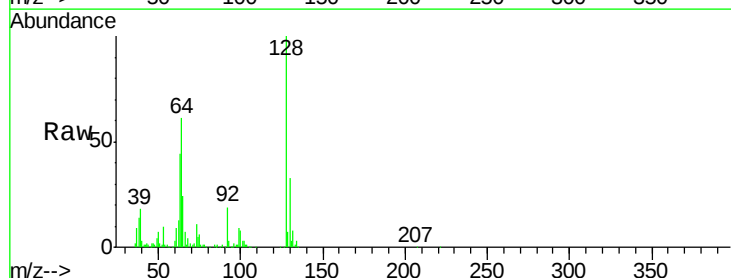
Tgt Ion: 128 Resp: 157351

Ion Ratio Lower Upper

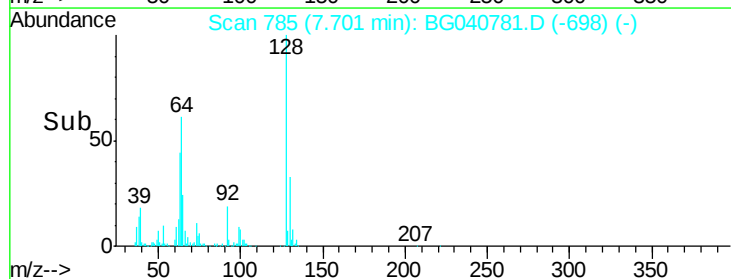
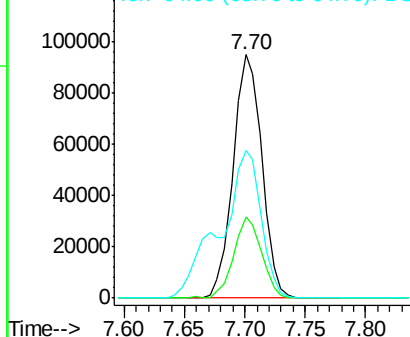
128 100

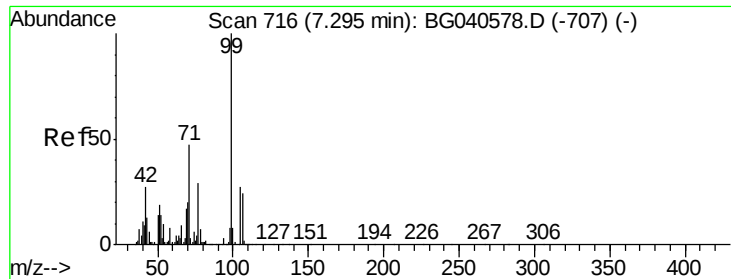
130 33.4 14.5 54.5

64 60.7 38.4 78.4



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





#9

Benzaldehyde

Concen: 18.167 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

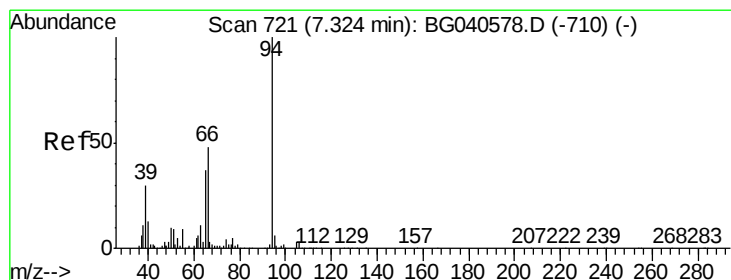
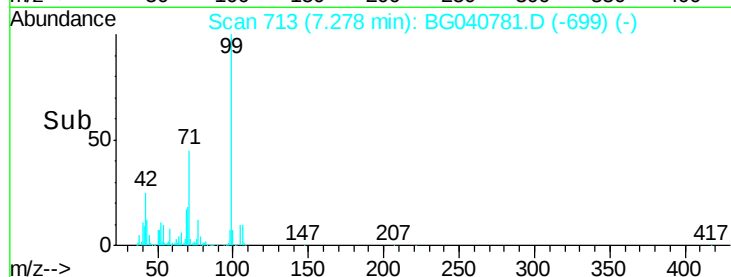
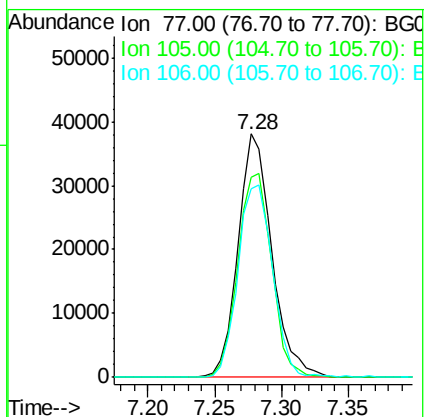
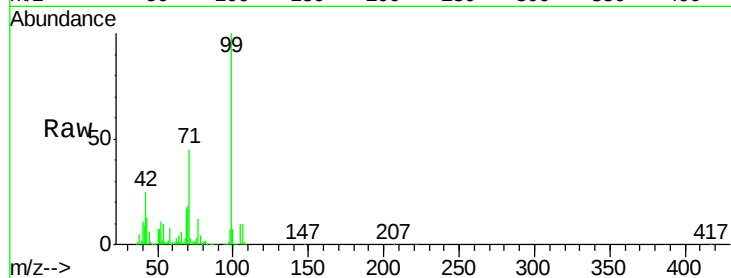
Tot Ion: 77 Resp: 66496

Ion Ratio Lower Upper

77 100

105 82.2 72.0 112.0

106 77.6 61.2 101.2



#10

Phenol

Concen: 40.184 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

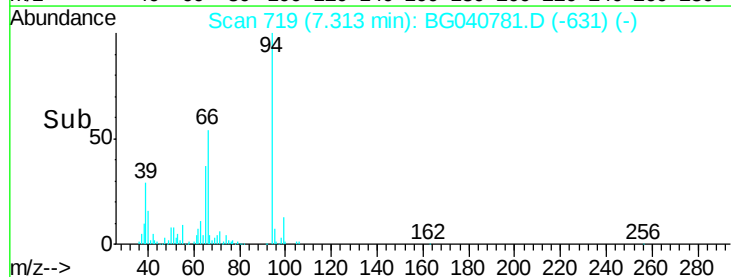
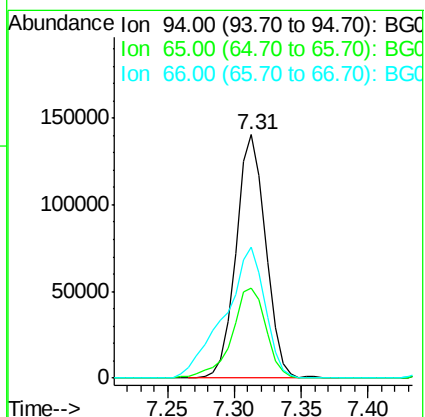
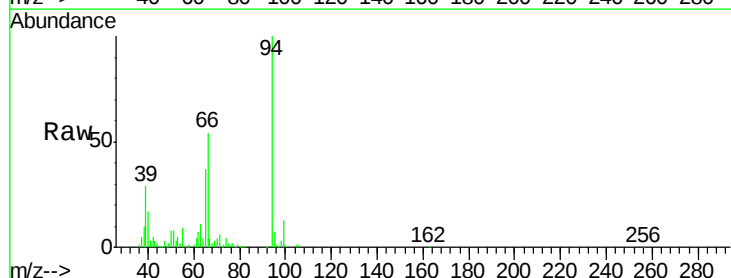
Tgt Ion: 94 Resp: 215808

Ion Ratio Lower Upper

94 100

65 36.9 17.0 57.0

66 53.5 28.6 68.6

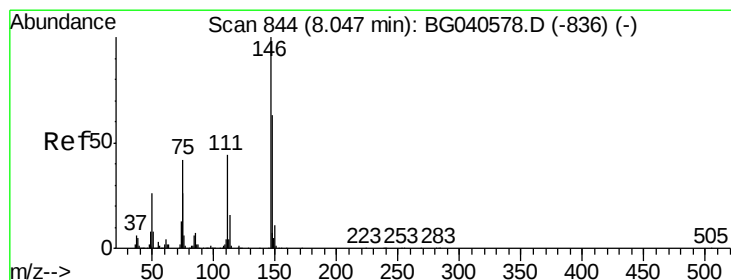
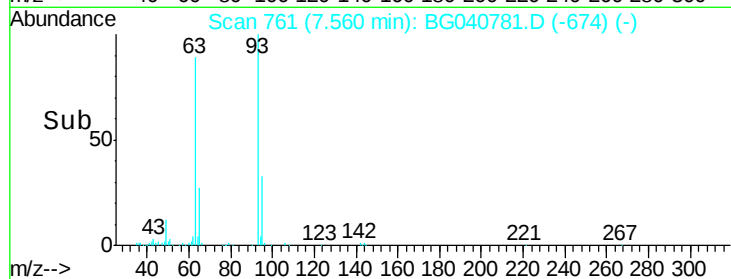
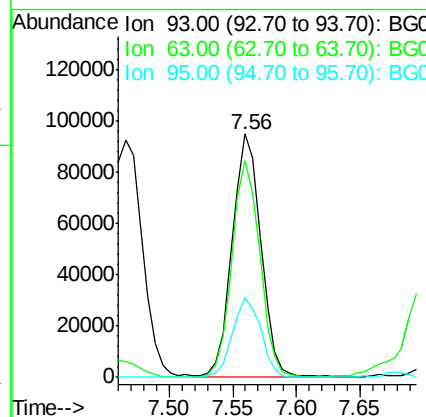
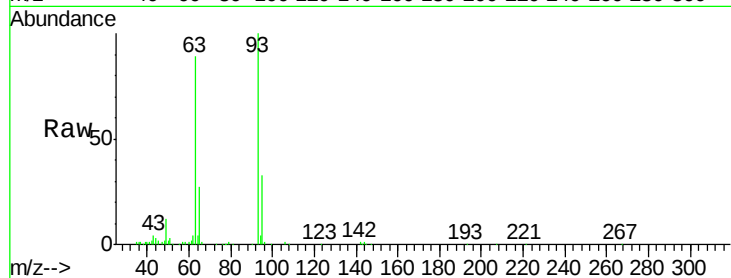




#11  
bis(2-Chloroethyl)ether  
Concen: 36.735 ng  
RT: 7.56 min Scan# 761  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

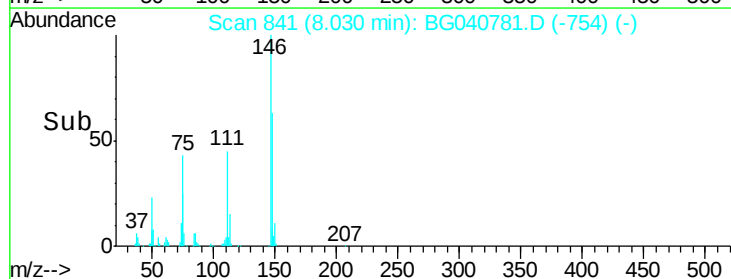
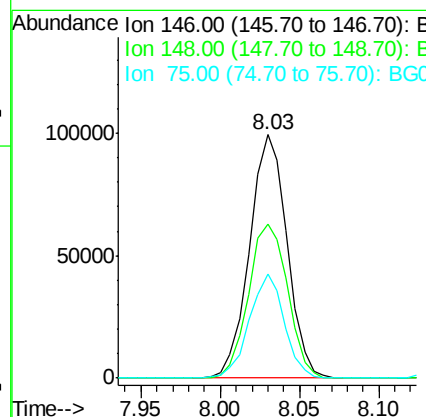
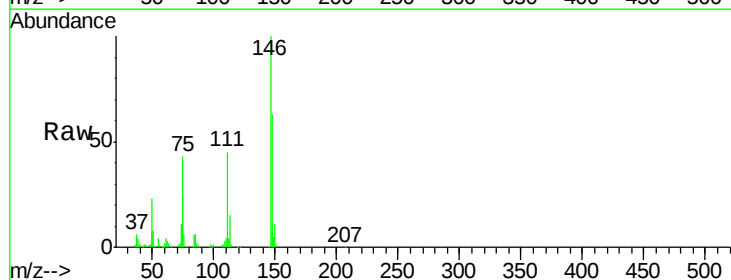
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

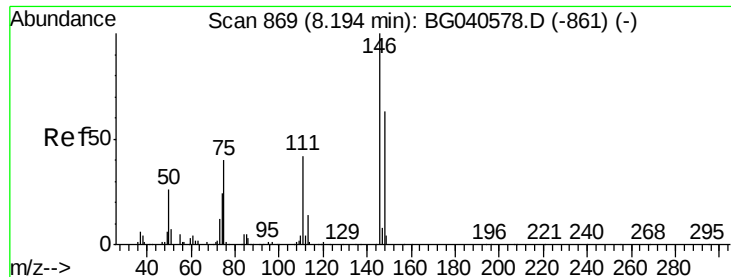
Tot Ion: 93 Resp: 147941  
Ion Ratio Lower Upper  
93 100  
63 88.8 68.2 108.2  
95 32.9 14.3 54.3



#12  
1,3-Dichlorobenzene  
Concen: 37.723 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion: 146 Resp: 163132  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.7 76.1  
75 42.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.839 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

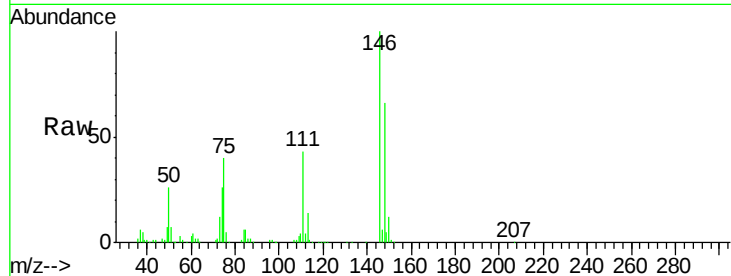
Tot Ion:146 Resp: 170266

Ion Ratio Lower Upper

146 100

148 66.0 50.6 75.8

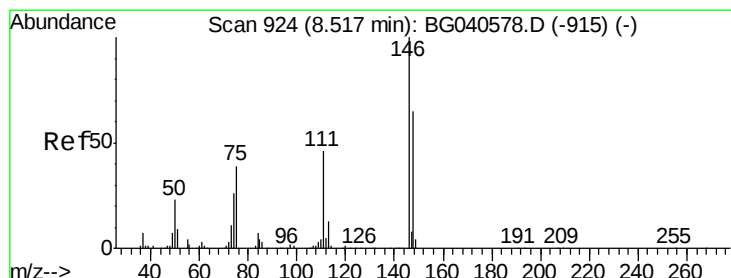
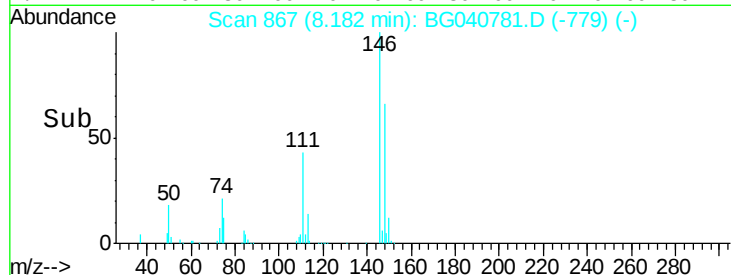
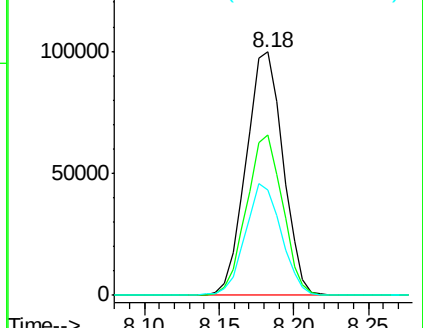
111 43.3 34.3 51.5



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: 38.595 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

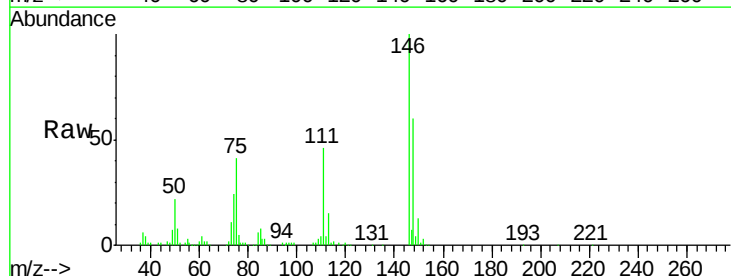
Tgt Ion:146 Resp: 163169

Ion Ratio Lower Upper

146 100

148 60.3 52.2 78.4

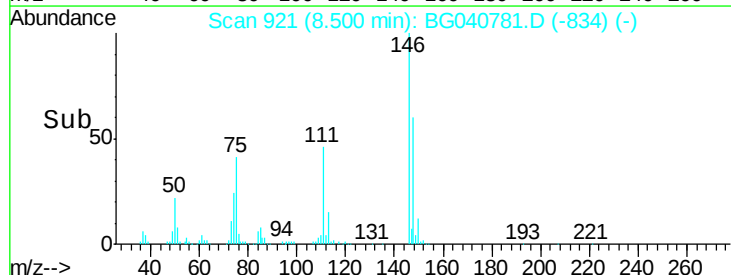
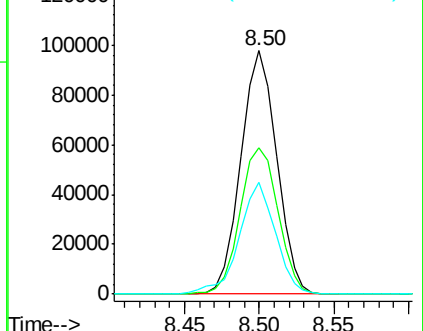
111 45.9 37.4 56.0

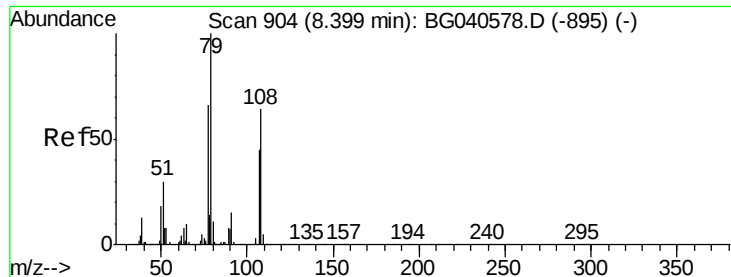


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.378 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

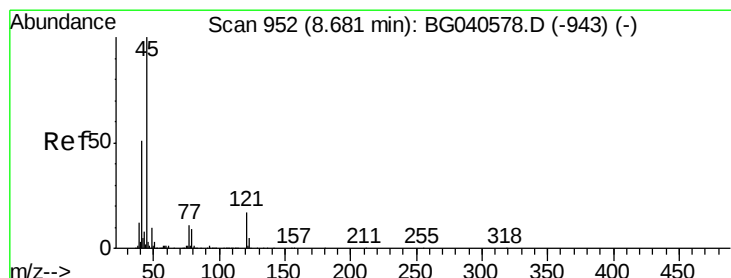
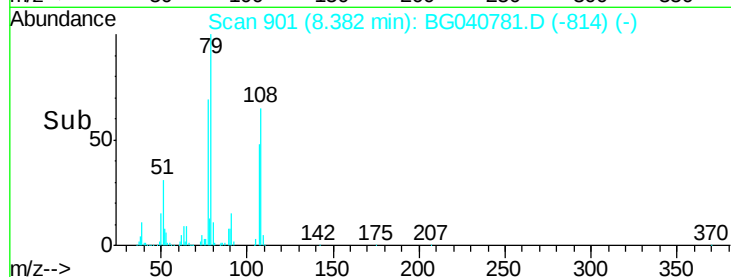
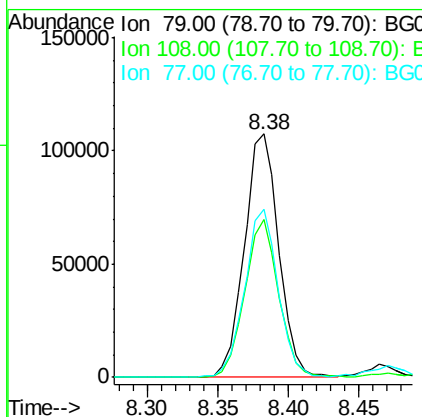
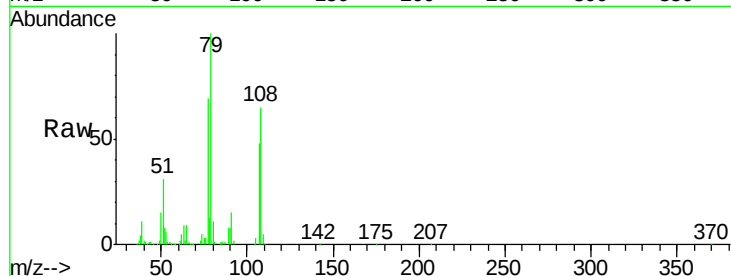
Tot Ion: 79 Resp: 183912

Ion Ratio Lower Upper

79 100

108 64.9 51.4 77.0

77 68.9 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.809 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

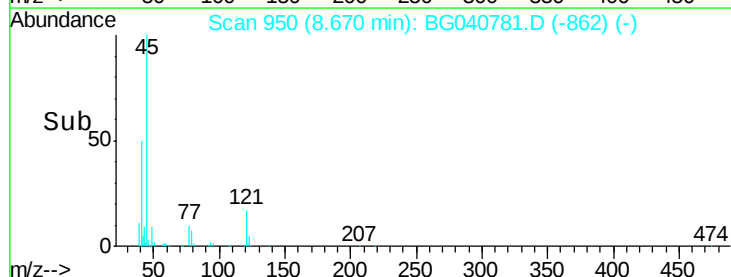
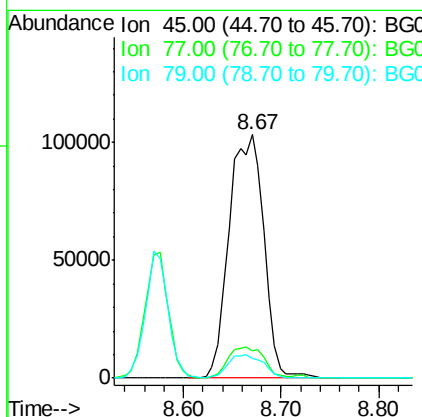
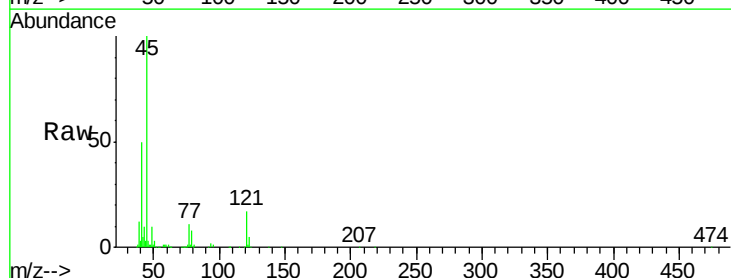
Tgt Ion: 45 Resp: 255045

Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 8.3 0.0 29.4





#17

2-Methylphenol

Concen: 39.451 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

Tot Ion:107 Resp: 149940

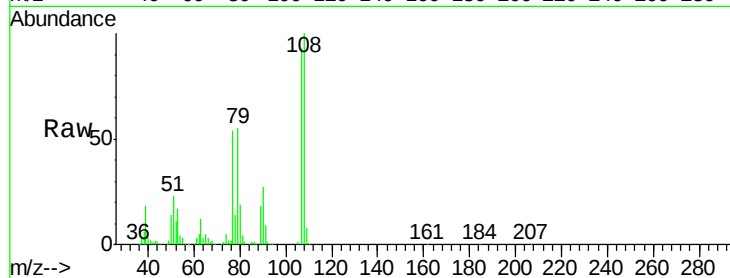
Ion Ratio Lower Upper

107 100

108 107.2 81.2 121.8

77 57.4 44.4 66.6

79 59.3 47.0 70.4

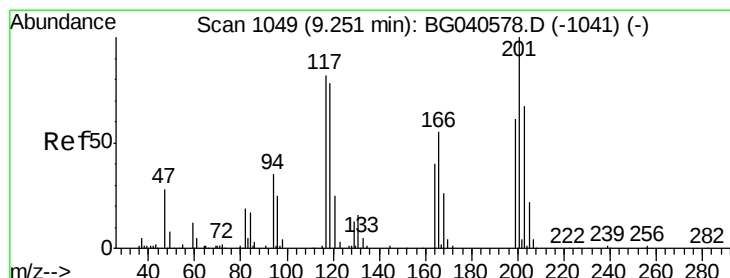
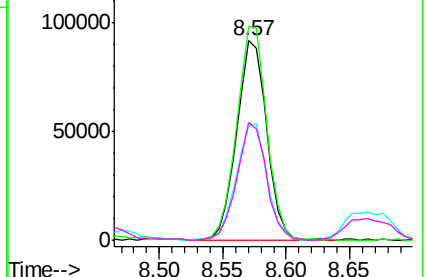
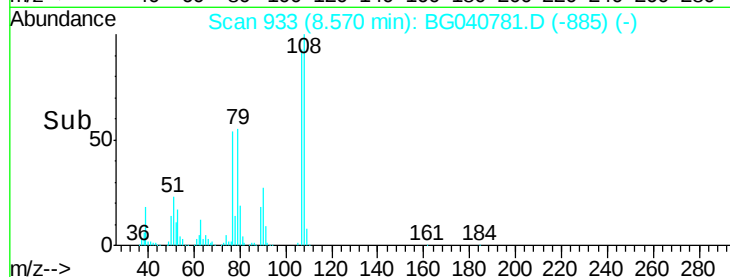


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.765 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

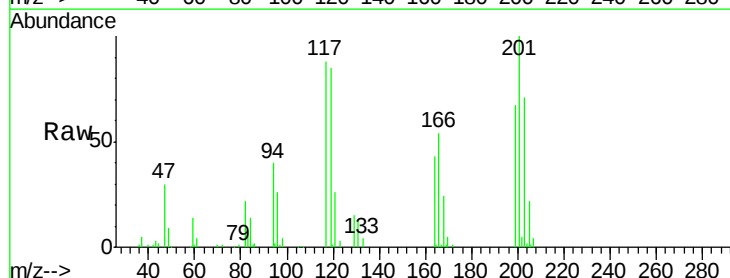
Tgt Ion:117 Resp: 66114

Ion Ratio Lower Upper

117 100

119 97.1 76.6 114.8

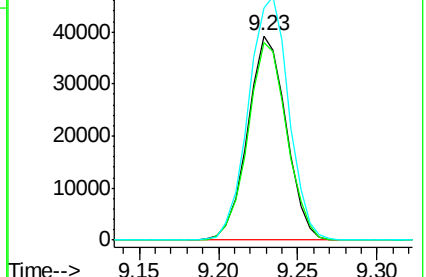
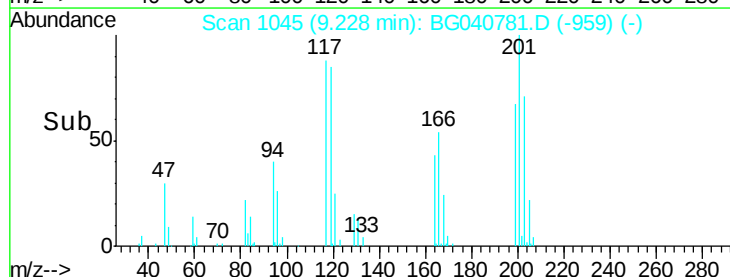
201 113.7 101.0 151.6

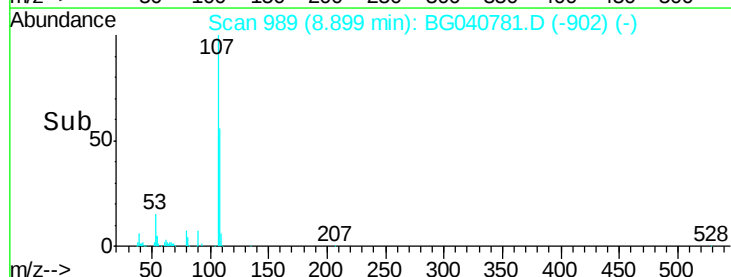
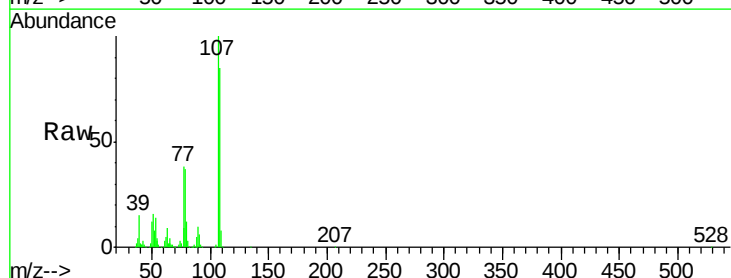
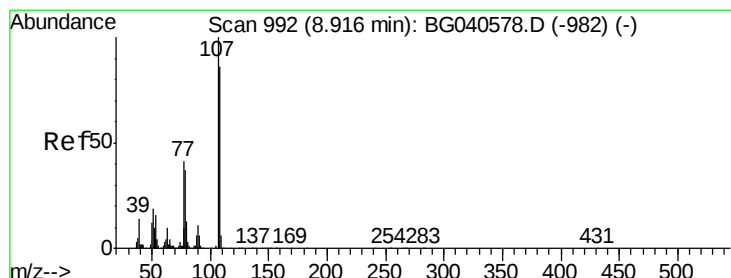
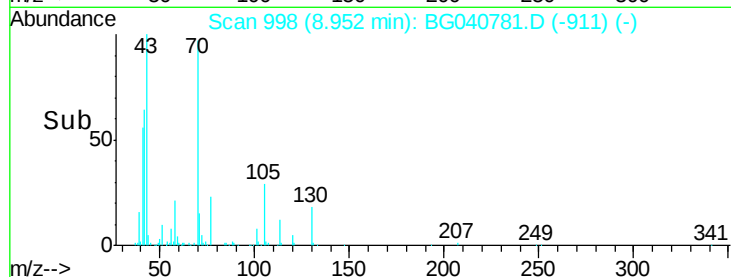
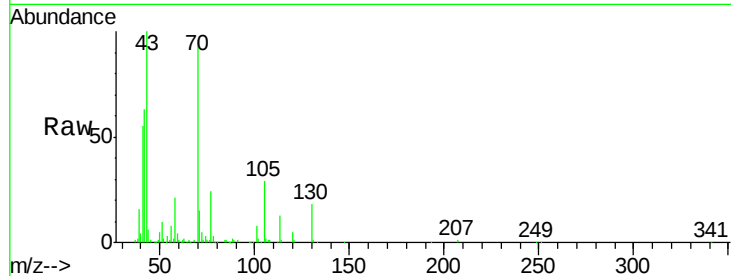
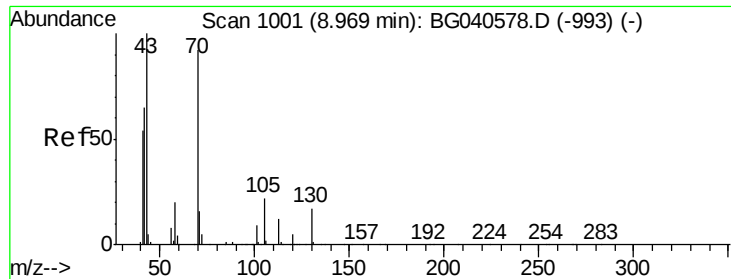


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

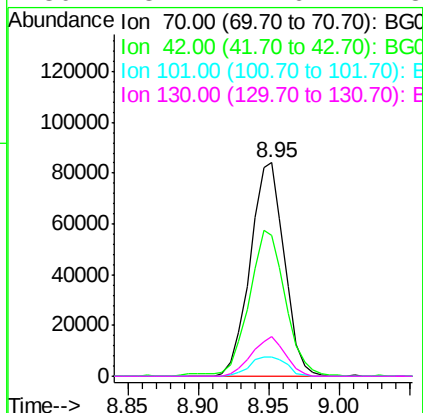




#19  
n-Nitroso-di-n-propylamine  
Concen: 31.781 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

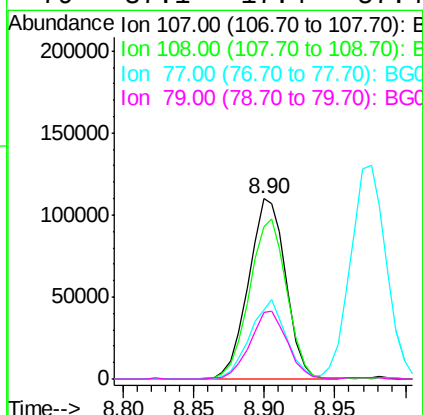
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

Tot Ion: 70 Resp: 142928  
Ion Ratio Lower Upper  
70 100  
42 65.9 57.1 85.7  
101 8.7 7.8 11.8  
130 18.4 14.6 21.8



#20  
3+4-Methylphenols  
Concen: 38.428 ng  
RT: 8.90 min Scan# 989  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion: 107 Resp: 203462  
Ion Ratio Lower Upper  
107 100  
108 84.9 66.1 106.1  
77 38.2 21.6 61.6  
79 37.1 17.4 57.4

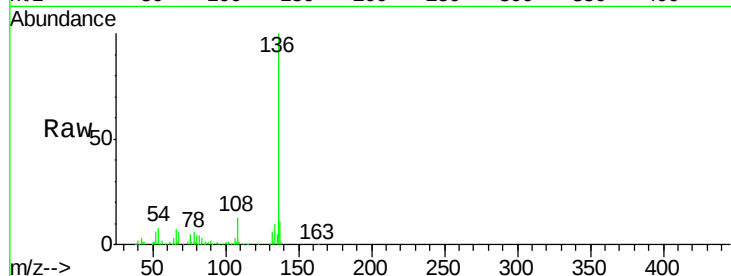




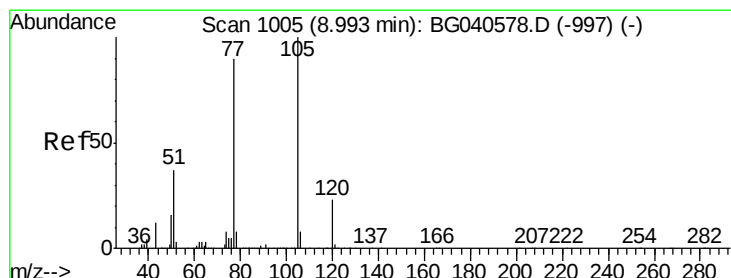
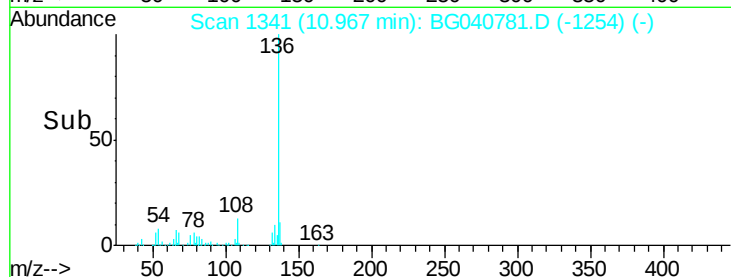
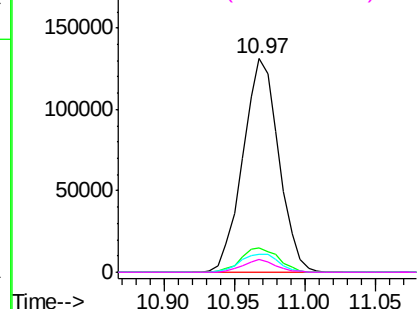
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 232428 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 9.7   | 14.5   |
| 54 8.5      | 8.6   | 12.8#  |
| 68 6.1      | 4.8   | 7.2    |

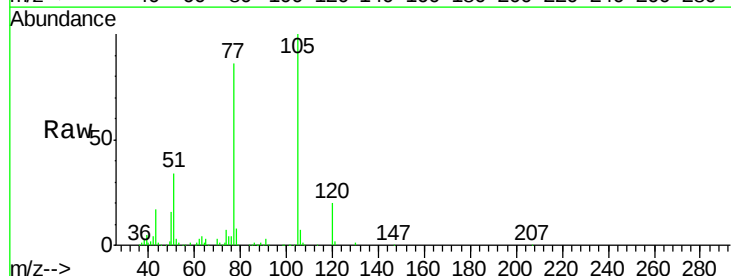


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

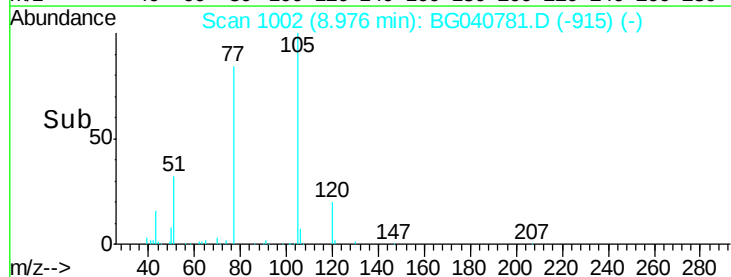
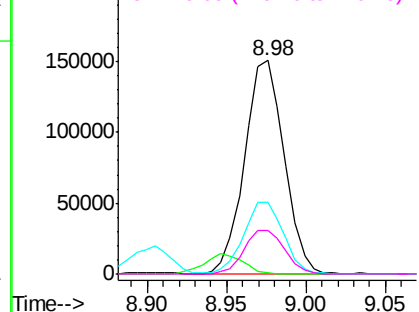


#22  
Acetophenone  
Concen: 40.362 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 260866 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.5     | 1.8   | 2.8#   |
| 51  | 33.7    | 29.8  | 44.8   |
| 120 | 20.3    | 18.4  | 27.6   |



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

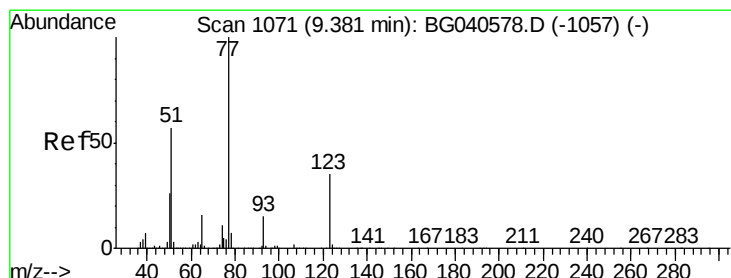
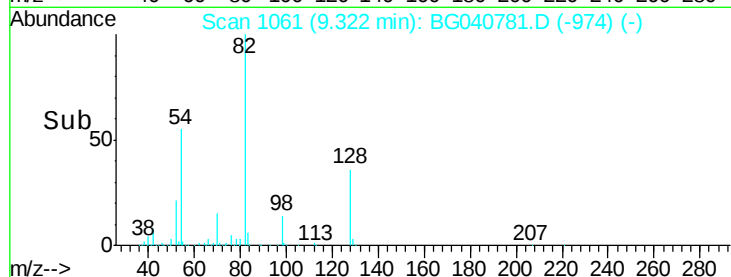
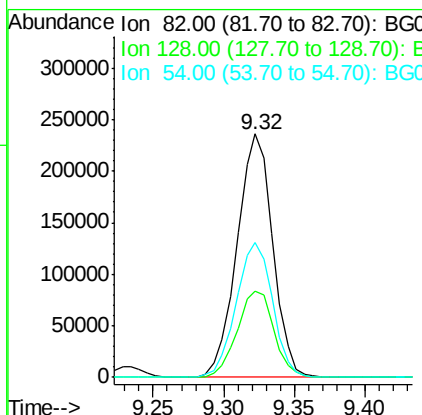
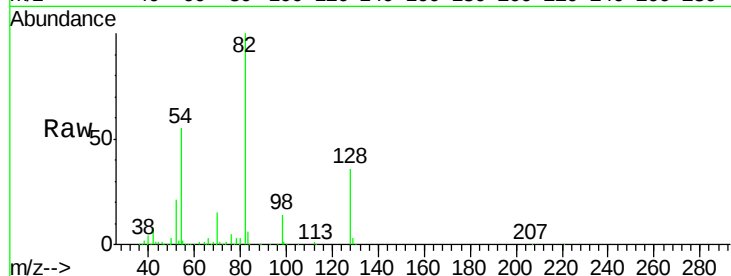




#23  
 Nitrobenzene-d5  
 Concen: 83.009 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

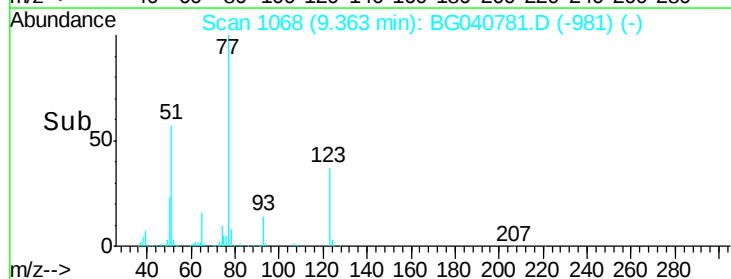
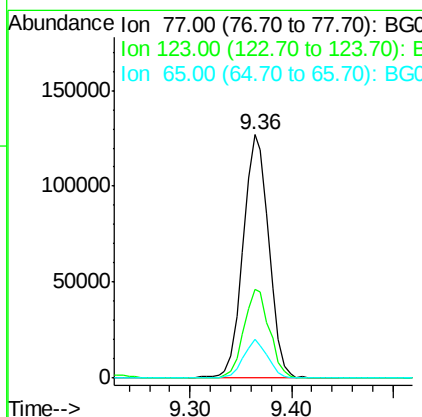
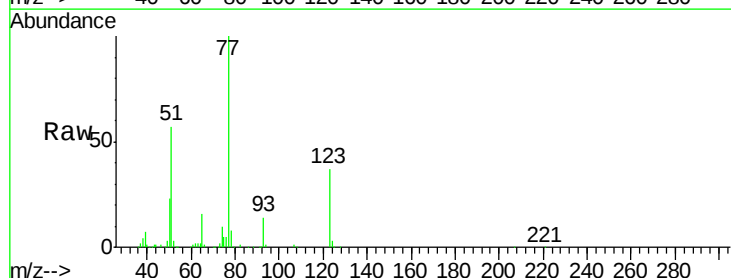
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

| Tot Ion   | 82    | Resp  | 417555 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.6  | 28.9  | 43.3   |
| 54        | 55.3  | 47.2  | 70.8   |



#24  
 Nitrobenzene  
 Concen: 41.475 ng  
 RT: 9.36 min Scan# 1068  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

| Tgt Ion   | 77    | Resp  | 222596 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 36.5  | 27.8  | 41.6   |
| 65        | 16.1  | 12.4  | 18.6   |





#25

Isophorone

Concen: 35.305 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

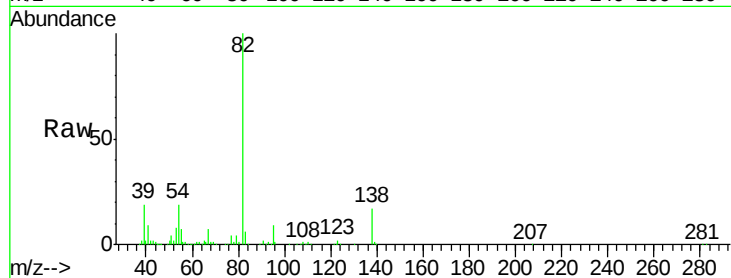
Tot Ion: 82 Resp: 395583

Ion Ratio Lower Upper

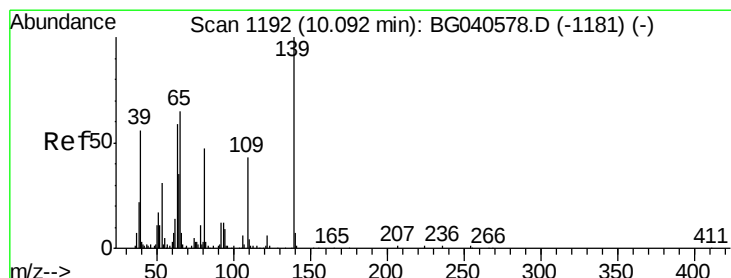
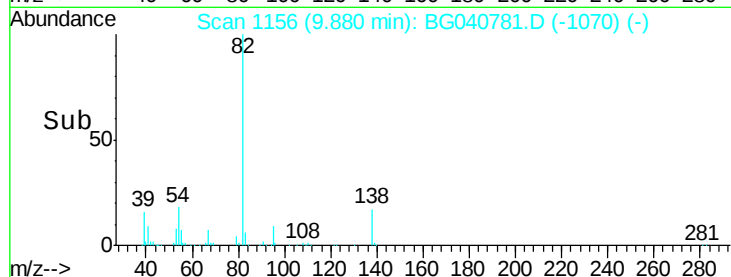
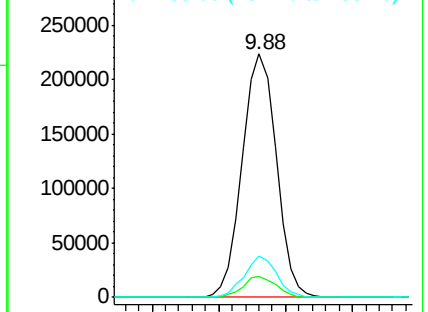
82 100

95 8.6 6.9 10.3

138 16.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 47.787 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

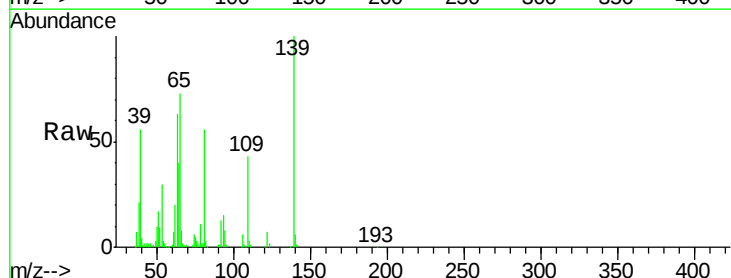
Tgt Ion: 139 Resp: 91935

Ion Ratio Lower Upper

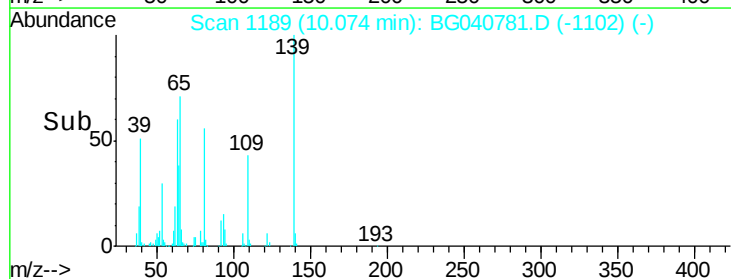
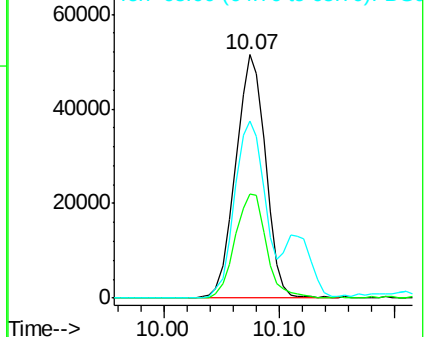
139 100

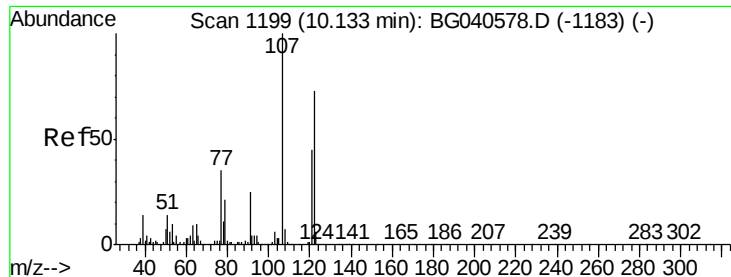
109 43.0 35.6 53.4

65 72.6 52.3 78.5



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

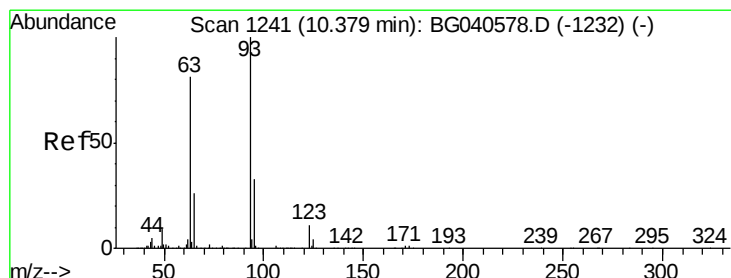
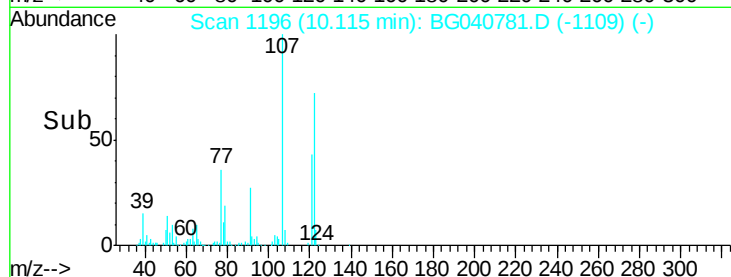
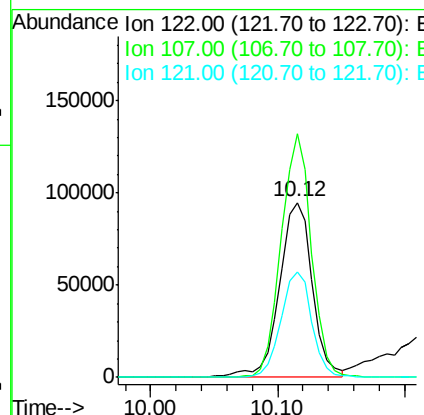
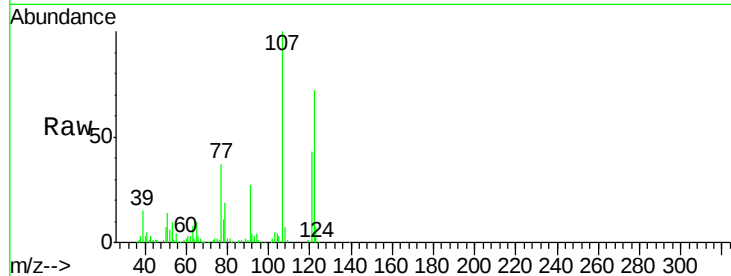




#27  
2,4-Dimethylphenol  
Concen: 47.386 ng  
RT: 10.12 min Scan# 1196  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

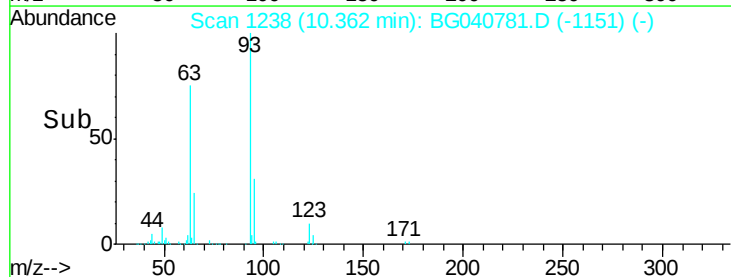
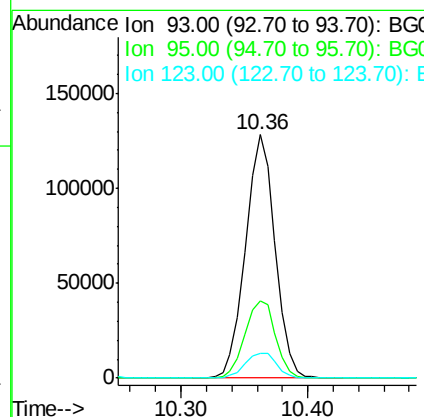
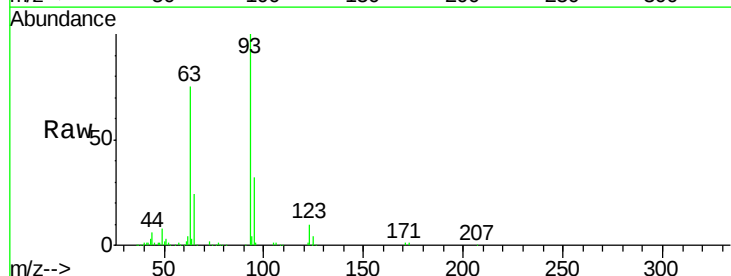
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

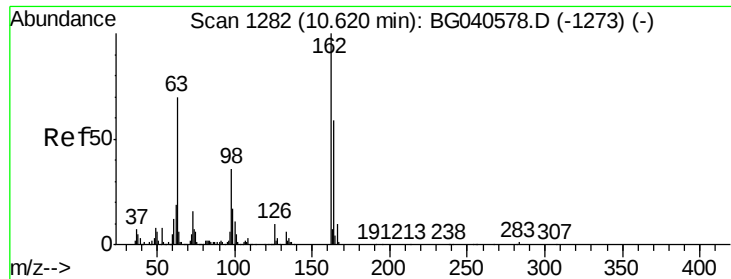
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.0 | 110.1 | 165.1 |
| 121     | 60.0  | 49.4  | 74.0  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.827 ng  
RT: 10.36 min Scan# 1238  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.8  | 26.6  | 40.0  |
| 123     | 10.2  | 9.0   | 13.4  |

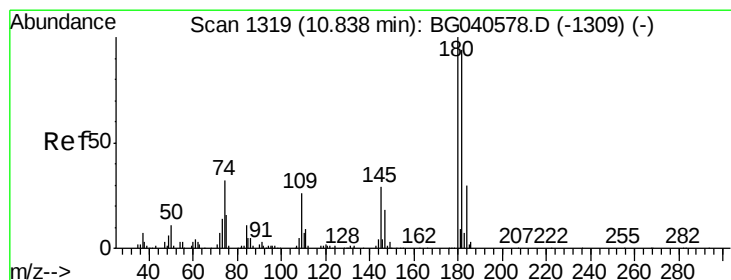
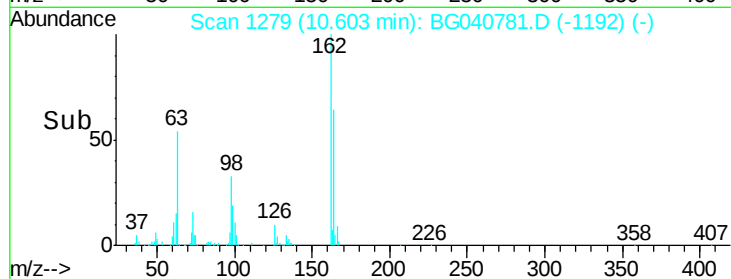
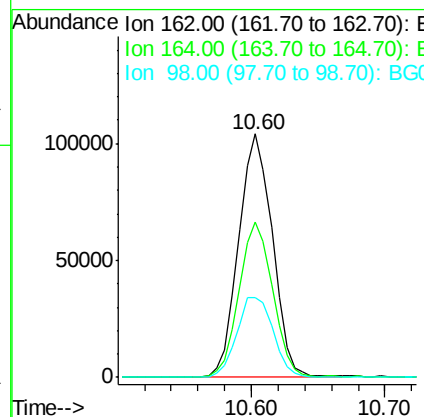
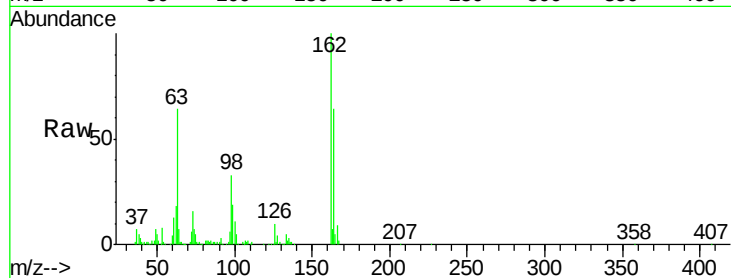




#29  
2,4-Dichlorophenol  
Concen: 44.595 ng  
RT: 10.60 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

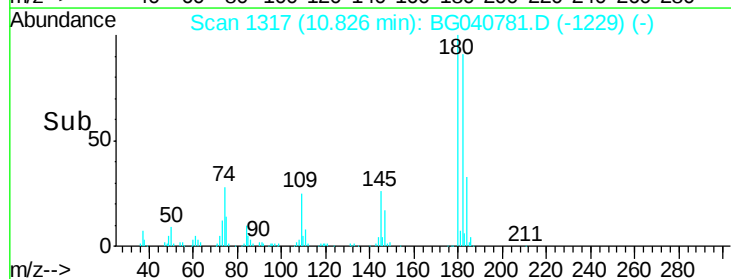
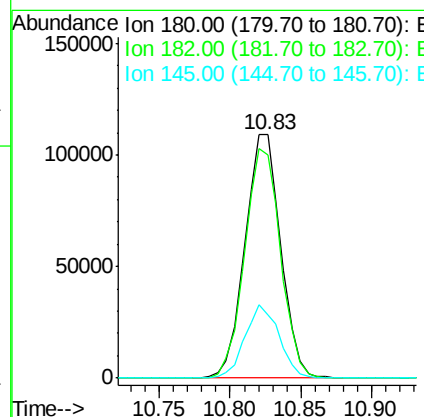
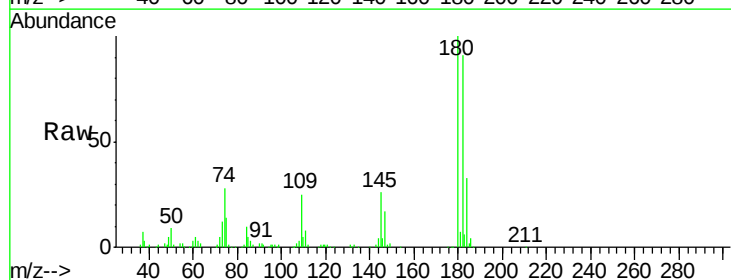
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

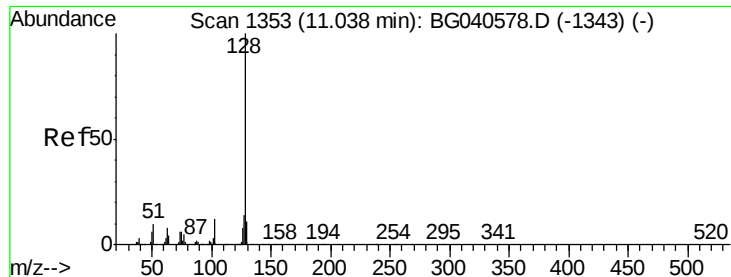
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 38.9  | 78.9  |
| 98      | 33.0  | 16.8  | 56.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.502 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.4  | 75.2  | 112.8 |
| 145     | 25.7  | 23.6  | 35.4  |





#31

Naphthalene

Concen: 39.579 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

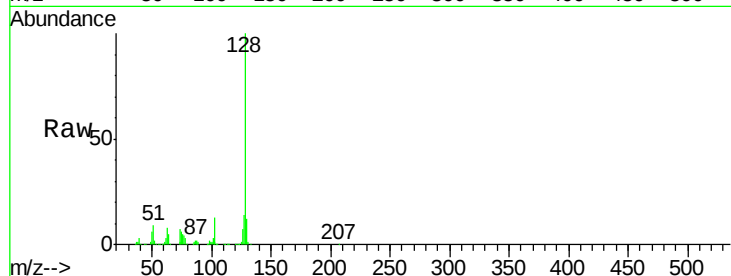
Tot Ion:128 Resp: 488724

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

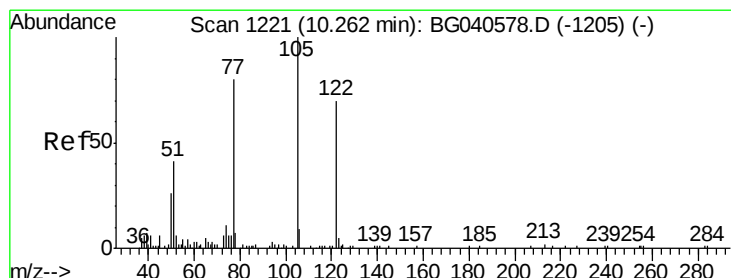
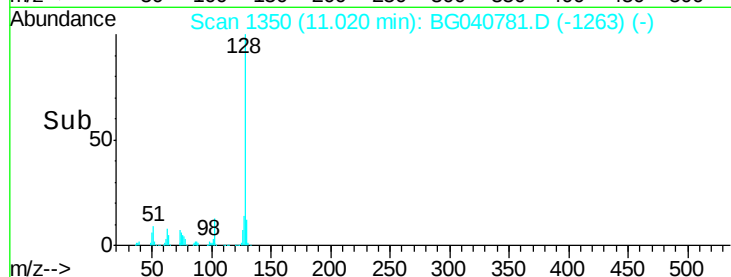
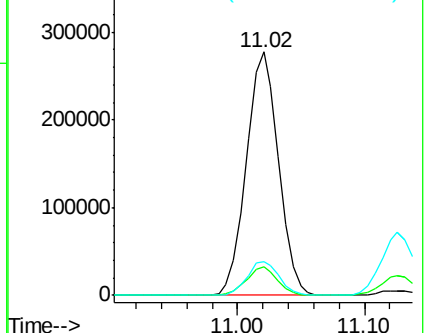
127 13.8 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.706 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.03 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

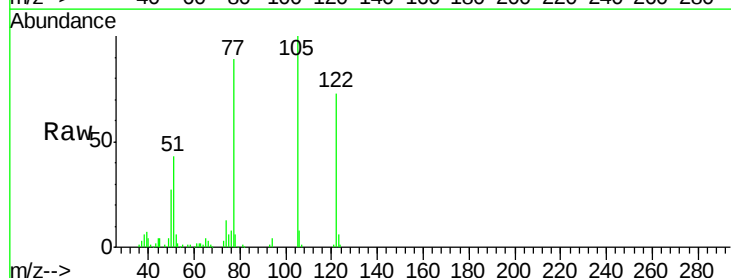
Tgt Ion:122 Resp: 98116

Ion Ratio Lower Upper

122 100

105 137.7 110.9 150.9

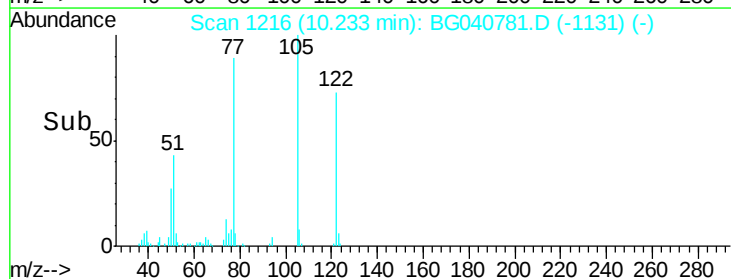
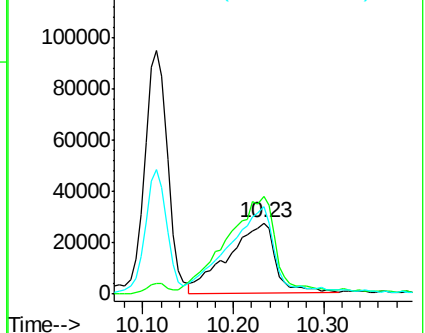
77 122.9 87.6 127.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

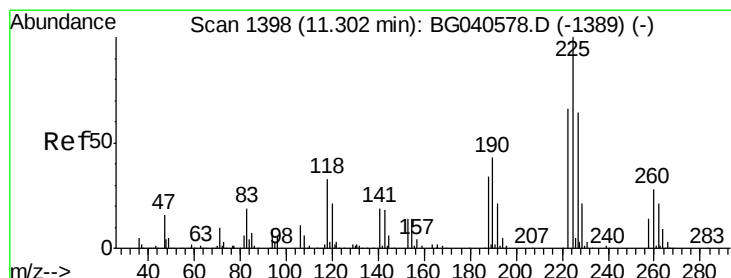
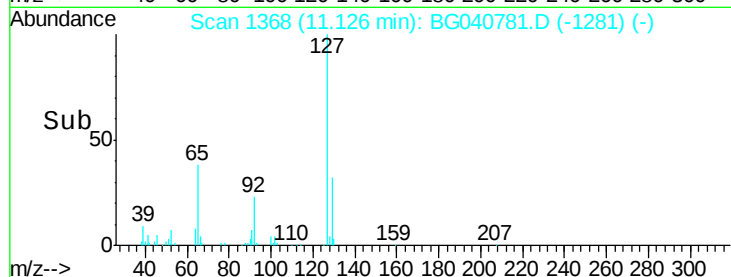
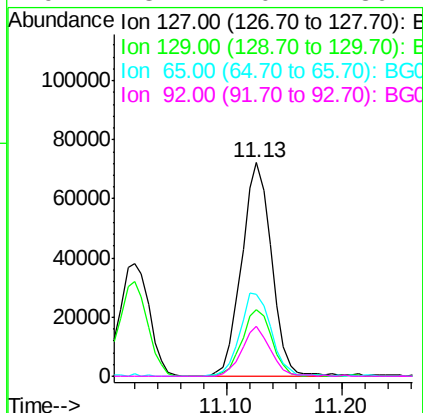
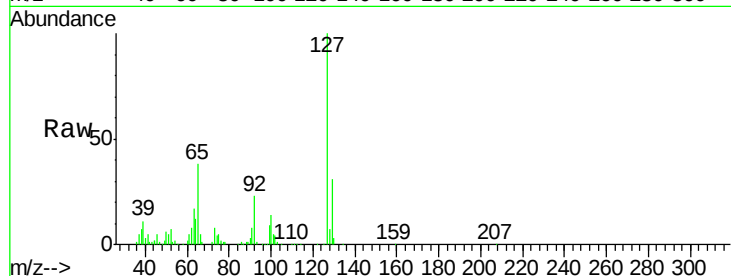




#33  
4-Chloroaniline  
Concen: 23.847 ng  
RT: 11.13 min Scan# 1368  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

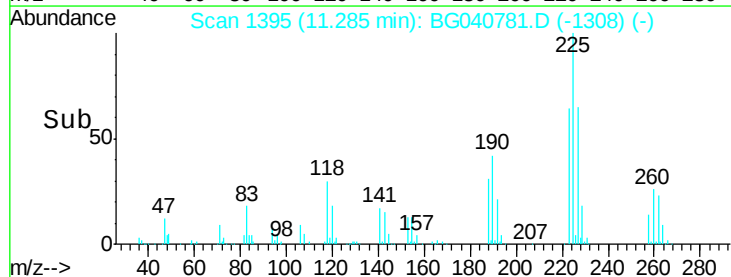
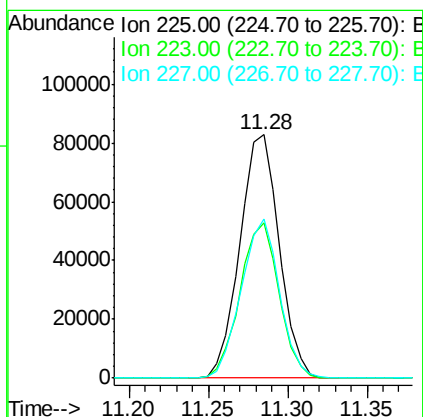
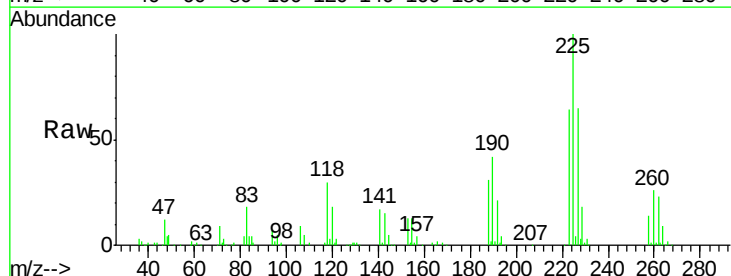
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

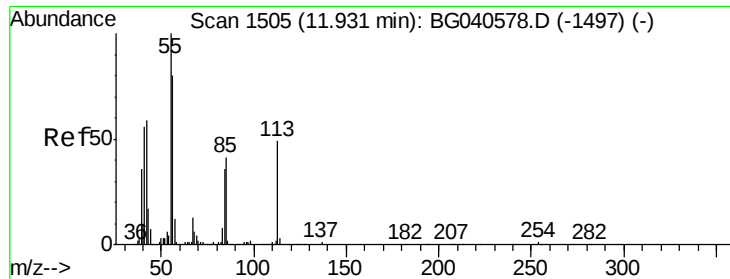
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 130561 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.7  | 38.5   |
| 65       | 38.3  | 36.1  | 54.1   |
| 92       | 23.1  | 20.1  | 30.1   |



#34  
Hexachlorobutadiene  
Concen: 42.518 ng  
RT: 11.28 min Scan# 1395  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 142846 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 50.4  | 75.6   |
| 227      | 65.3  | 51.0  | 76.6   |





#35

Caprolactam

Concen: 38.542 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

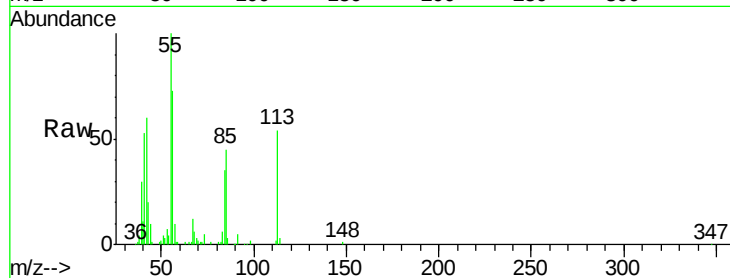
Tot Ion:113 Resp: 62445

Ion Ratio Lower Upper

113 100

55 186.6 198.6 238.6#

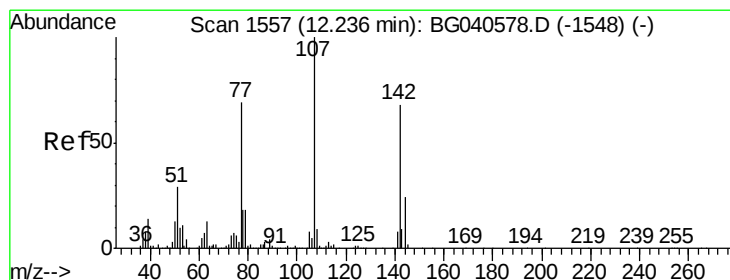
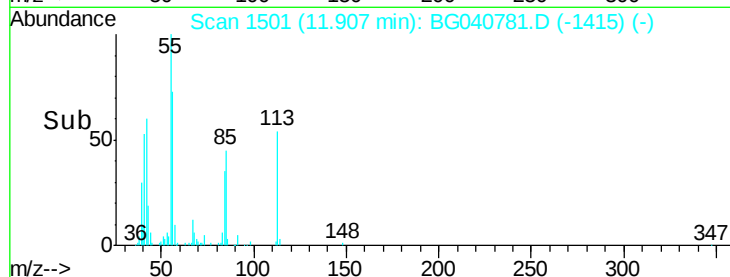
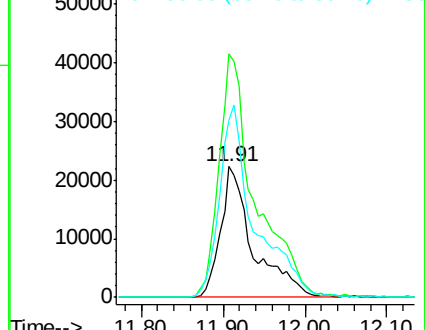
56 135.5 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.838 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

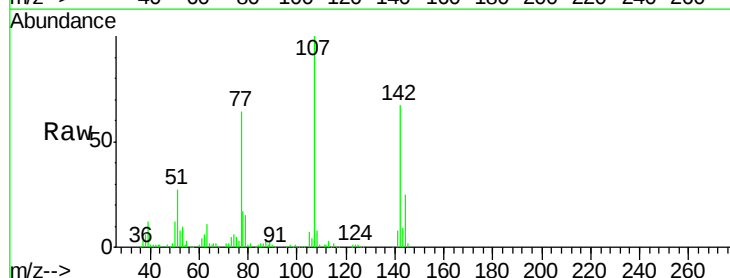
Tgt Ion:107 Resp: 211414

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

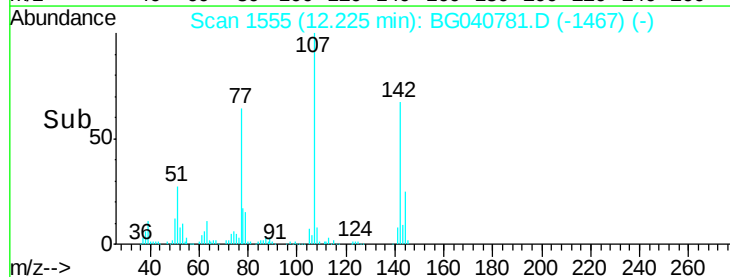
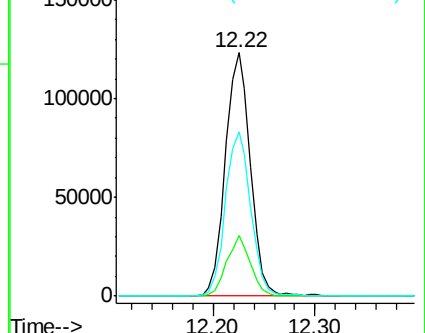
142 67.3 54.6 81.8

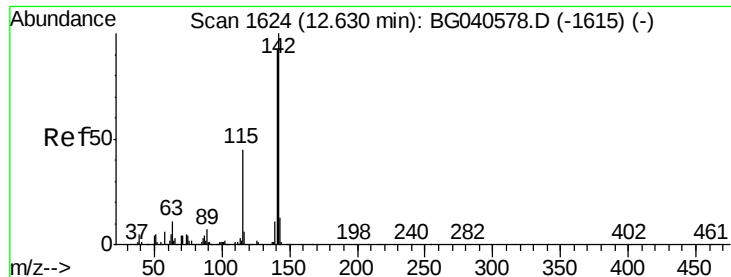


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.810 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

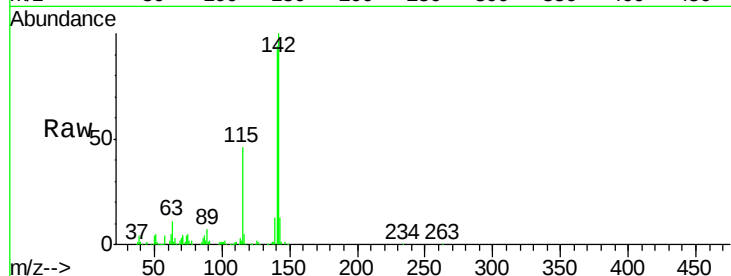
Tot Ion:142 Resp: 367547

Ion Ratio Lower Upper

142 100

141 94.4 73.4 110.2

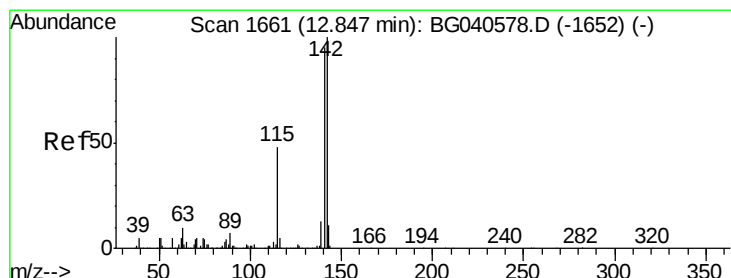
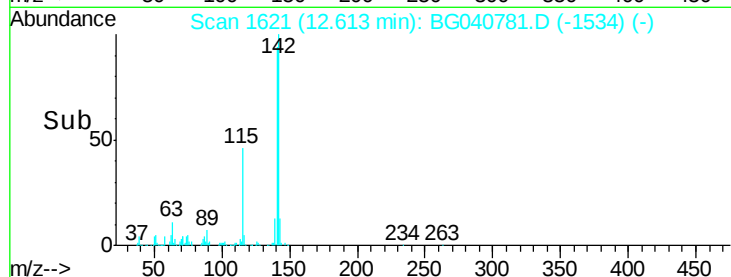
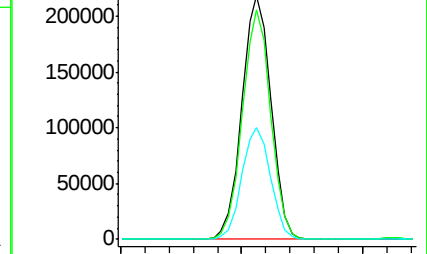
115 45.9 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.462 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

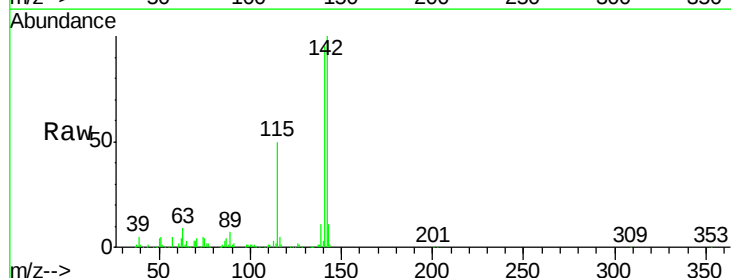
Tgt Ion:142 Resp: 347092

Ion Ratio Lower Upper

142 100

141 95.4 75.9 113.9

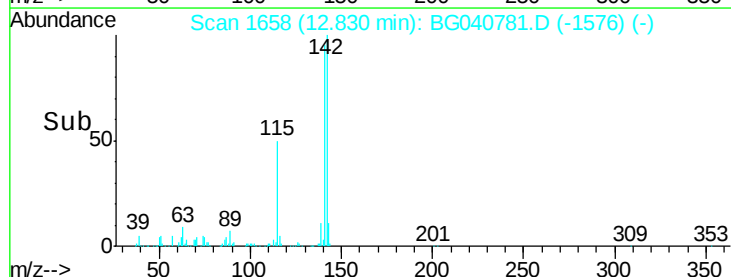
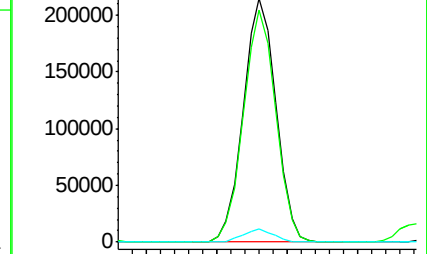
116 5.4 4.2 6.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

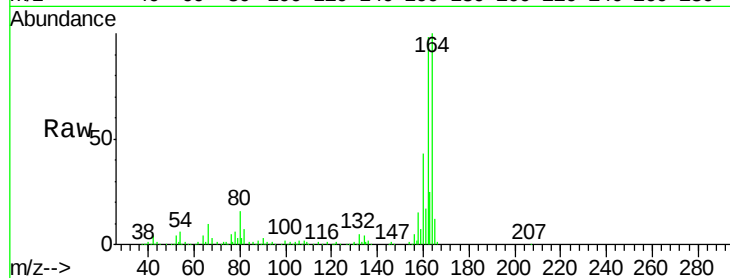
Tot Ion:164 Resp: 169518

Ion Ratio Lower Upper

164 100

162 98.4 81.9 122.9

160 42.9 35.4 53.2

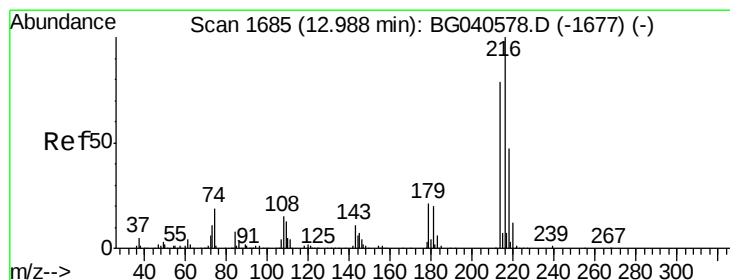
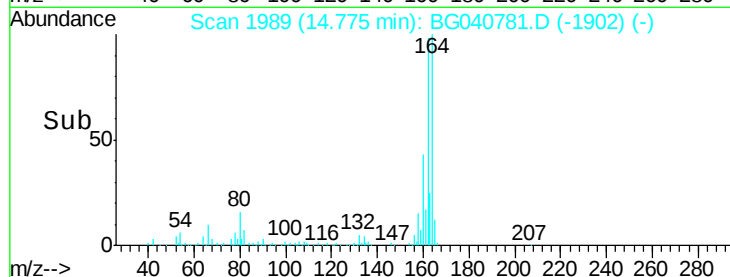
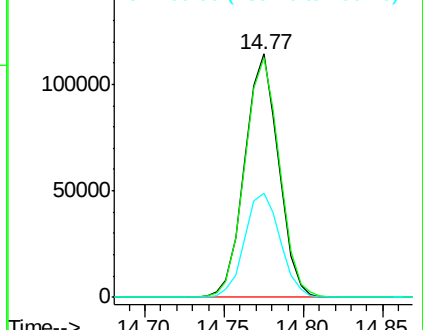


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.751 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:216 Resp: 257344

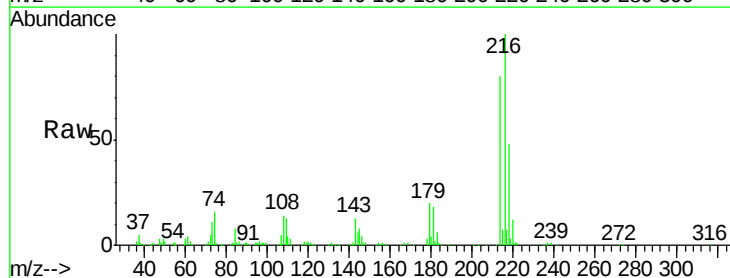
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 19.5 16.6 24.8

108 16.7 14.7 22.1



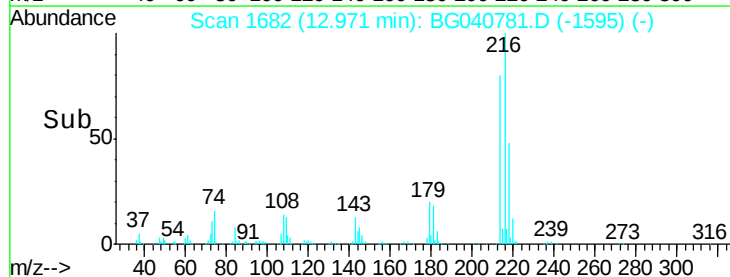
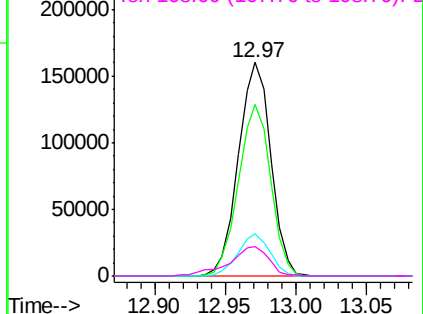
Abundance

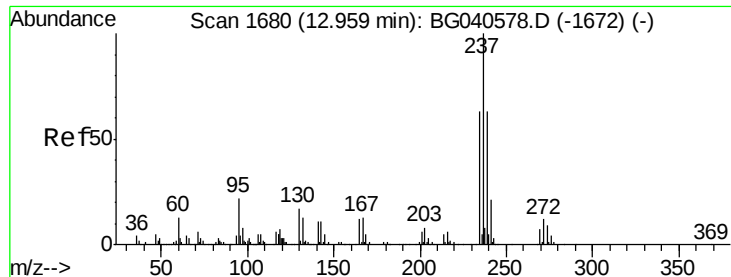
Ion 216.00 (215.70 to 216.70): E

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: 67.400 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

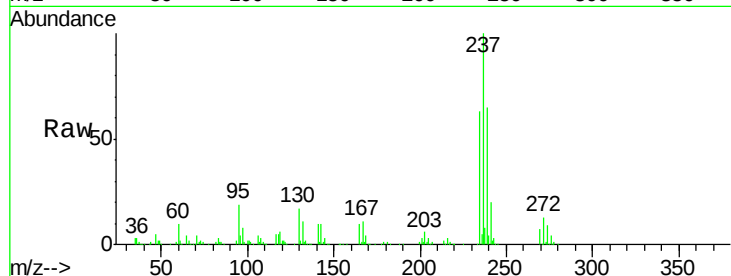
Tot Ion:237 Resp: 251155

Ion Ratio Lower Upper

237 100

235 63.4 42.5 82.5

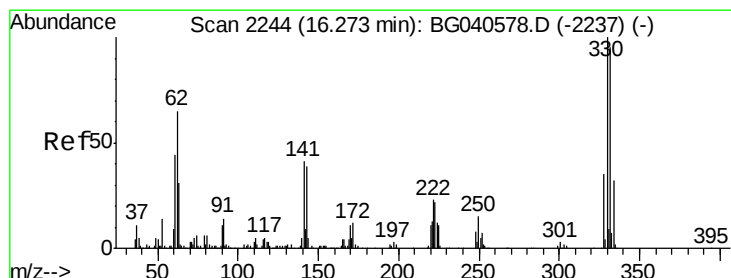
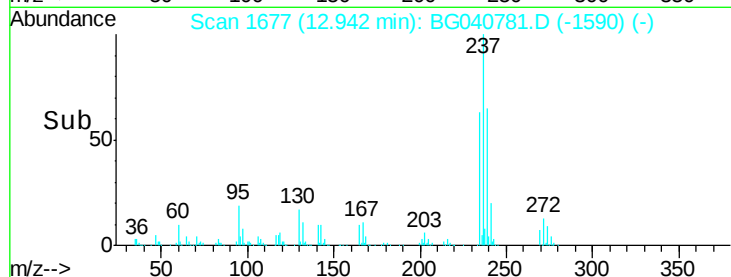
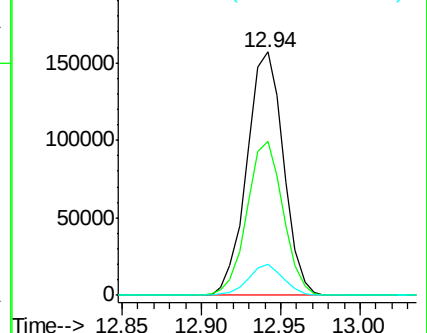
272 12.8 0.0 31.6



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: 156.109 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

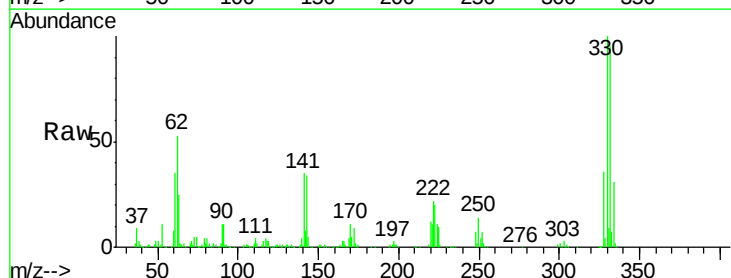
Tgt Ion:330 Resp: 363743

Ion Ratio Lower Upper

330 100

332 96.3 75.9 113.9

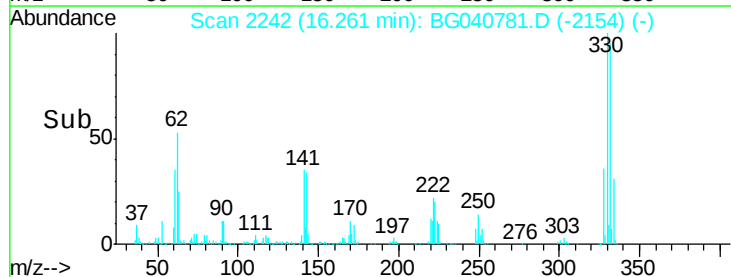
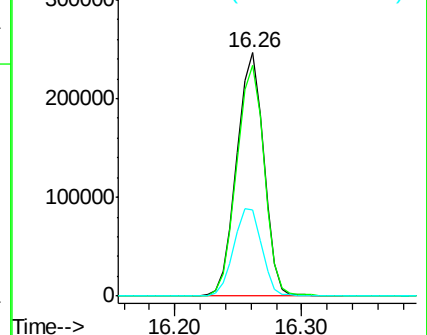
141 37.1 32.4 48.6



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

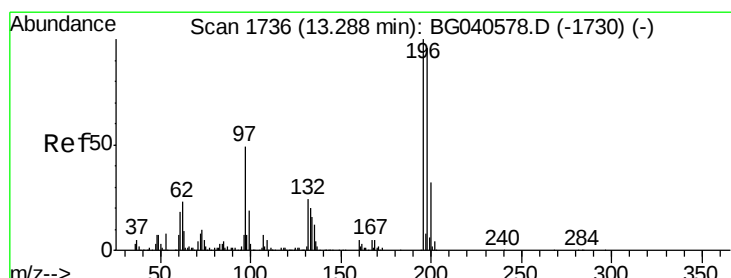
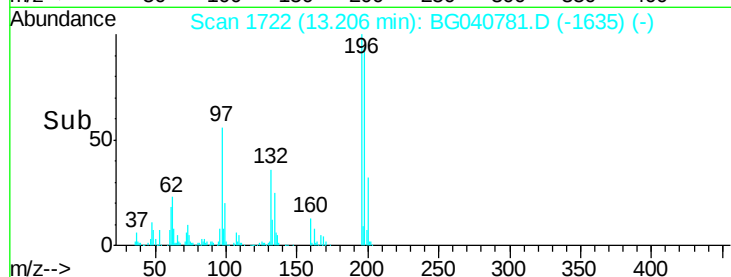
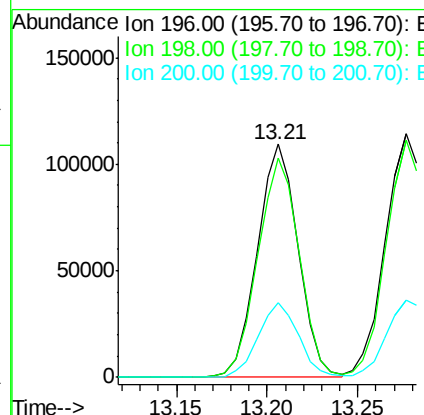
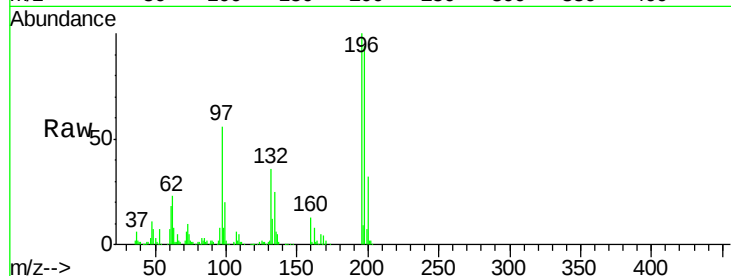




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.719 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

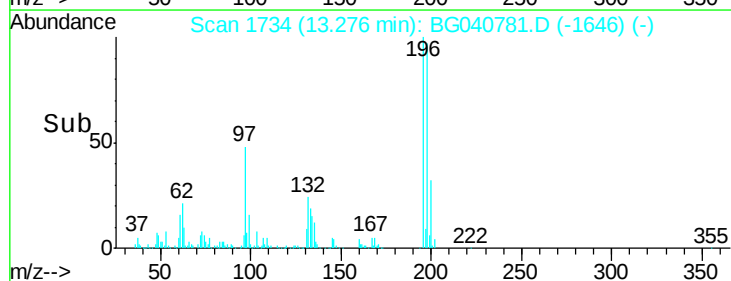
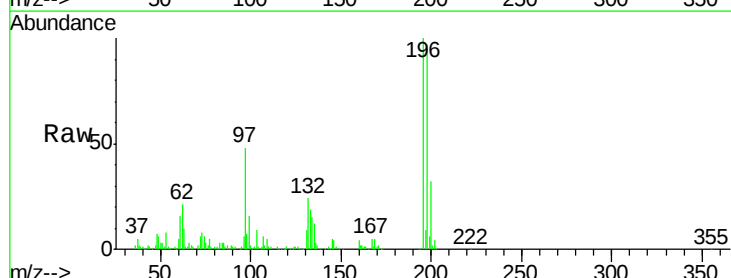
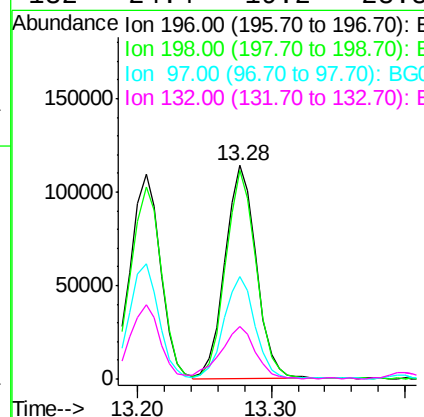
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

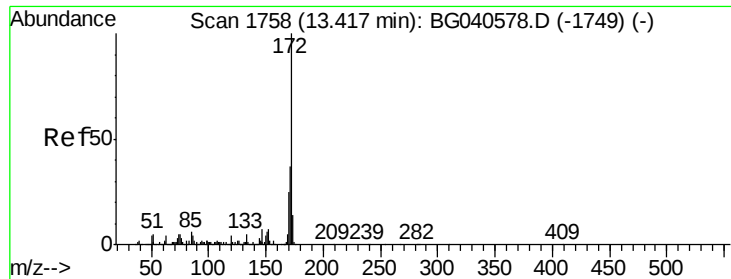
| Tot Ion   | 196   | Resp  | 170655 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.1  | 74.8  | 112.2  |
| 200       | 32.1  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.199 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

| Tgt Ion   | 196   | Resp  | 187901 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.4  | 77.0  | 115.6  |
| 97        | 47.8  | 40.0  | 60.0   |
| 132       | 24.4  | 19.2  | 28.8   |

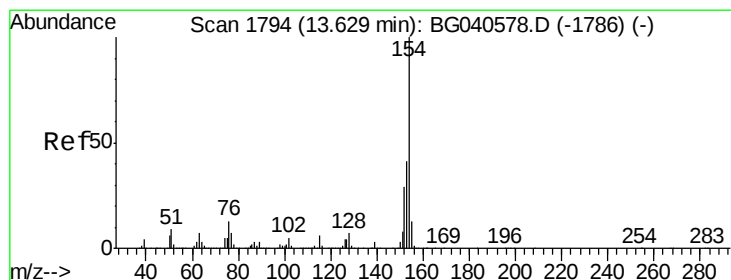
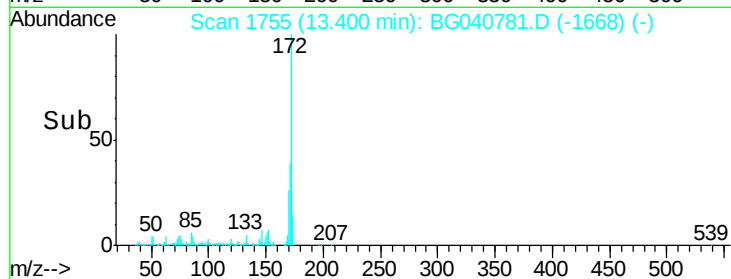
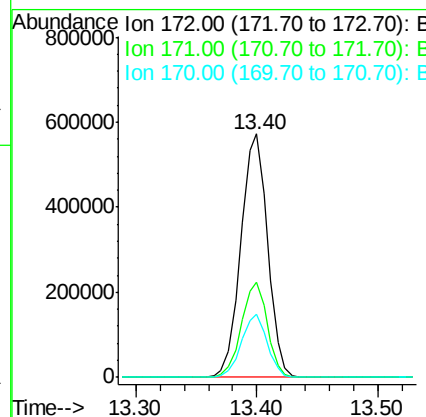
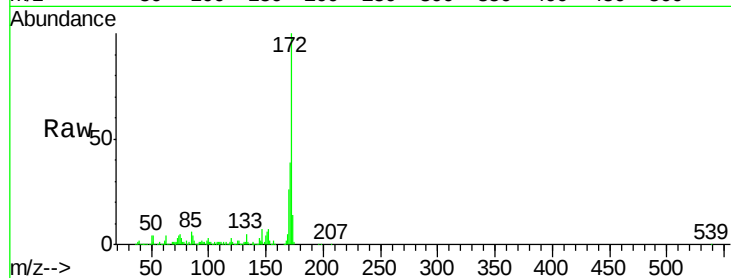




#45  
 2-Fluorobiphenyl  
 Concen: 75.067 ng  
 RT: 13.40 min Scan# 1755  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

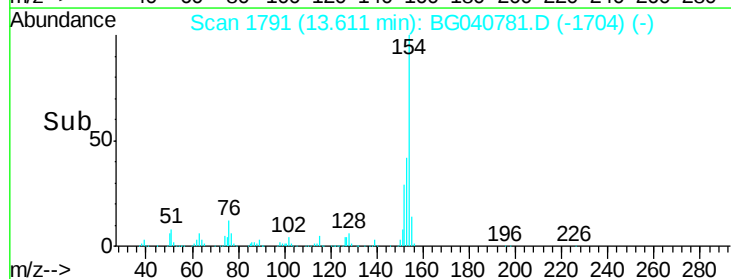
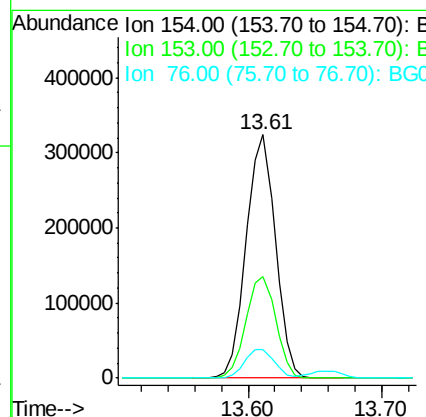
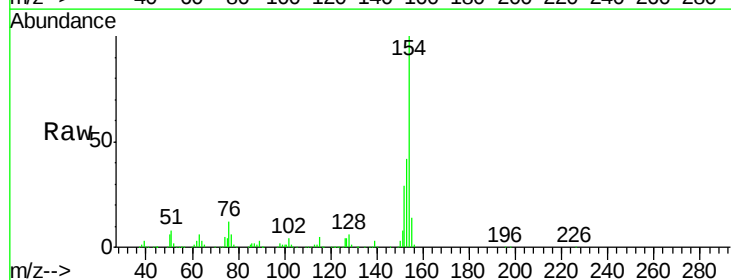
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

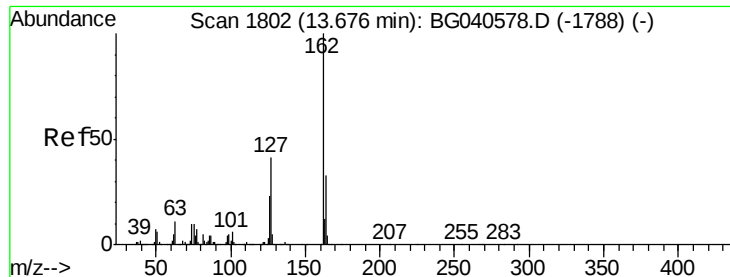
Tot Ion:172 Resp: 881120  
 Ion Ratio Lower Upper  
 172 100  
 171 39.1 29.4 44.2  
 170 25.7 19.9 29.9



#46  
 1,1'-Biphenyl  
 Concen: 37.161 ng  
 RT: 13.61 min Scan# 1791  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

Tgt Ion:154 Resp: 489095  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 20.5 60.5  
 76 11.9 0.0 32.5

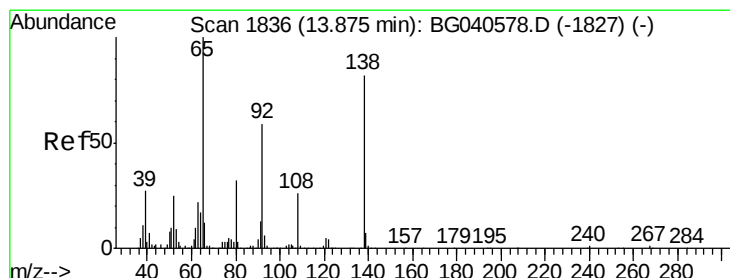
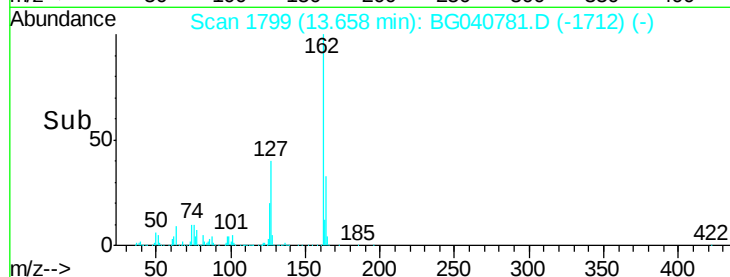
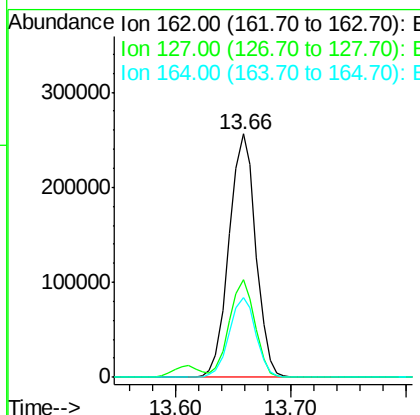
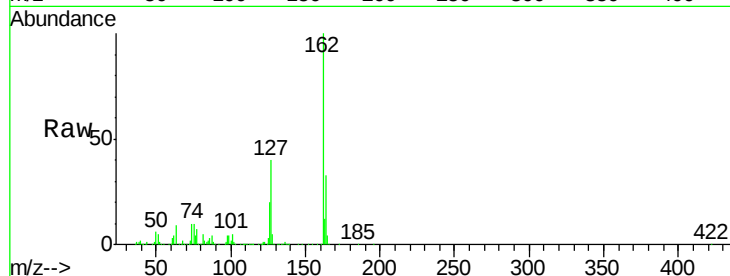




#47  
 2-Chloronaphthalene  
 Concen: 39.782 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

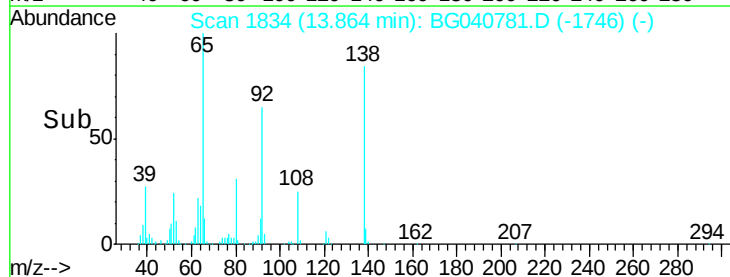
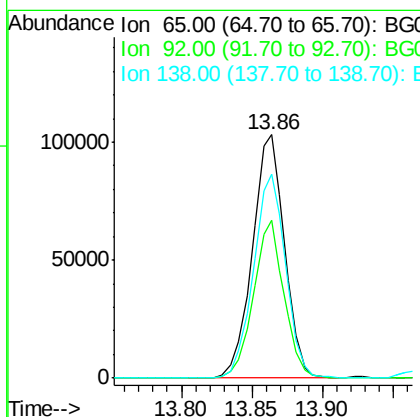
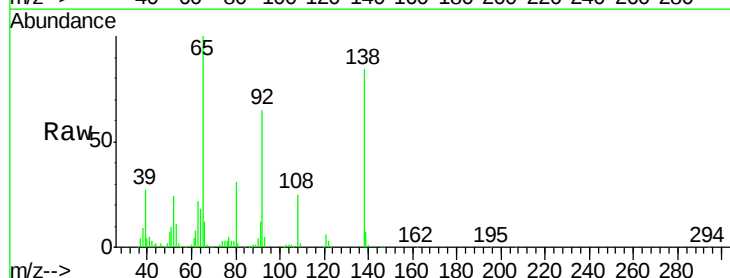
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

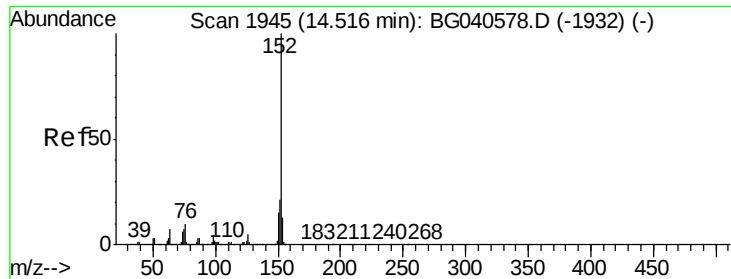
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 33.0  | 49.4  |
| 164     | 32.8  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 45.072 ng  
 RT: 13.86 min Scan# 1834  
 Delta R.T. -0.01 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.0  | 47.4  | 71.0  |
| 138     | 83.6  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 36.436 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

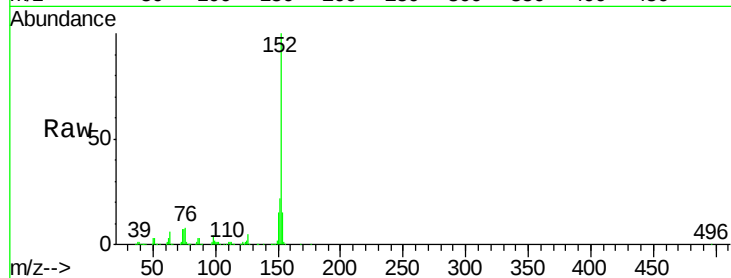
Tot Ion:152 Resp: 636727

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

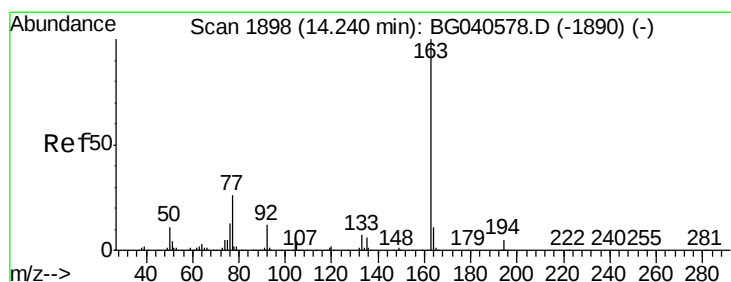
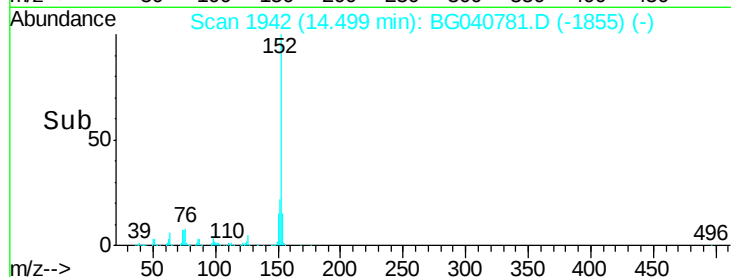
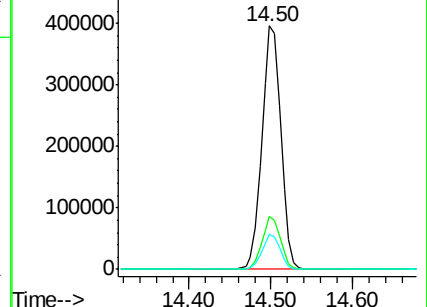
153 14.6 10.7 16.1



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: 38.189 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

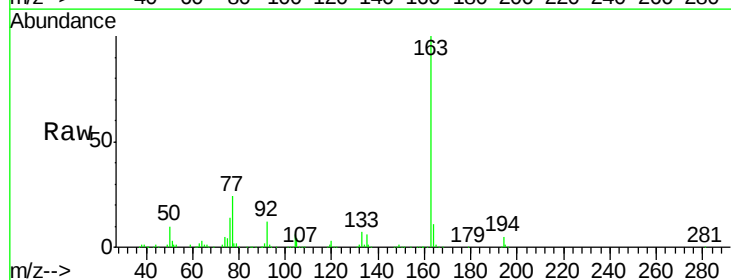
Tgt Ion:163 Resp: 541636

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

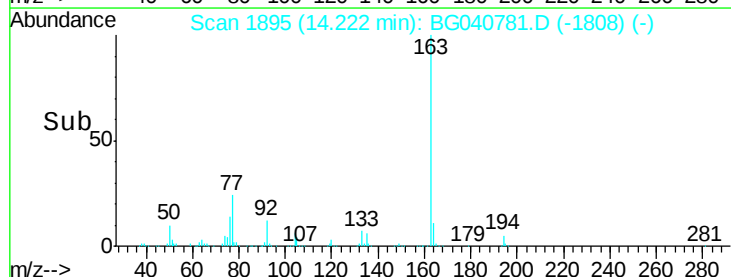
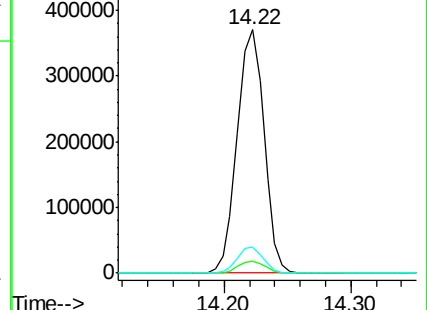
164 10.5 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.059 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

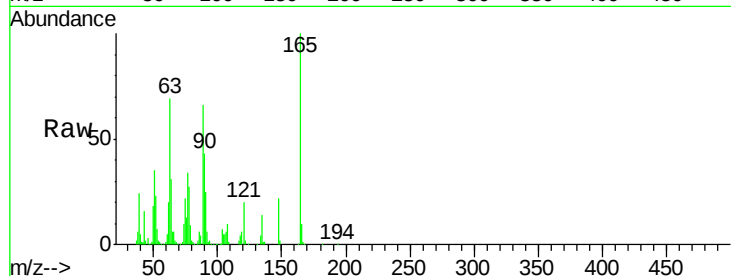
Tot Ion:165 Resp: 121961

Ion Ratio Lower Upper

165 100

63 69.3 61.0 91.4

89 66.4 58.6 87.8

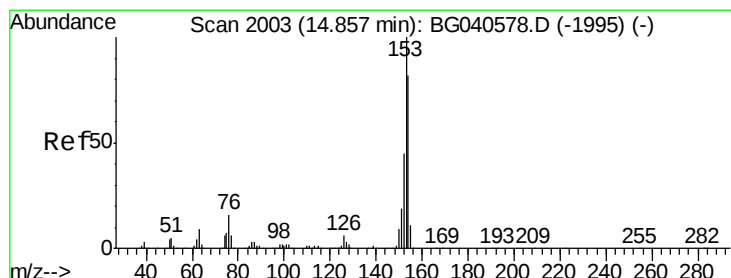
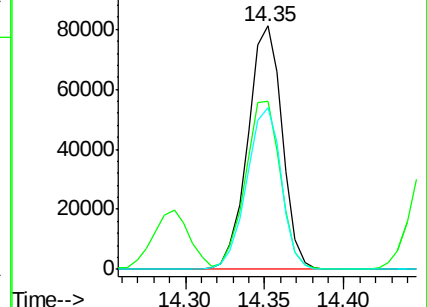
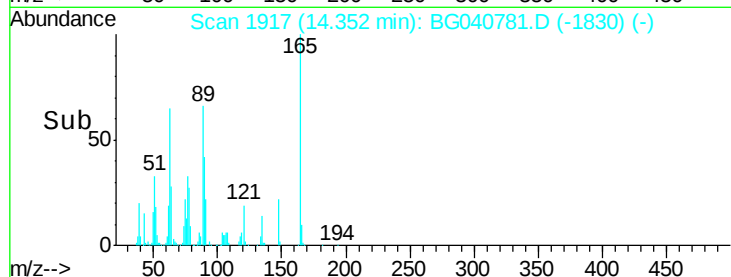


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->



#52

Acenaphthene

Concen: 36.988 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

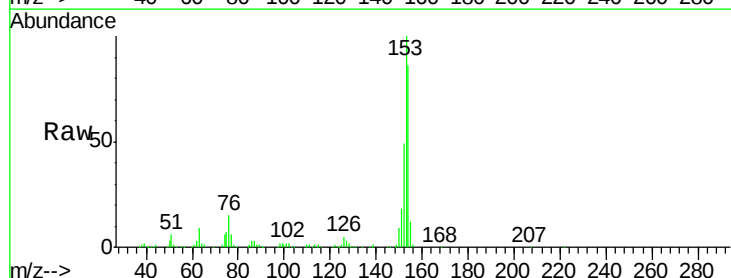
Tgt Ion:154 Resp: 376422

Ion Ratio Lower Upper

154 100

153 116.5 97.0 145.6

152 56.8 44.1 66.1

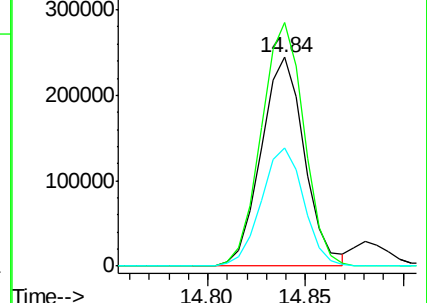
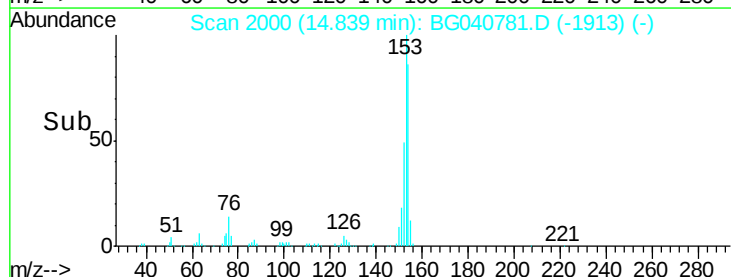


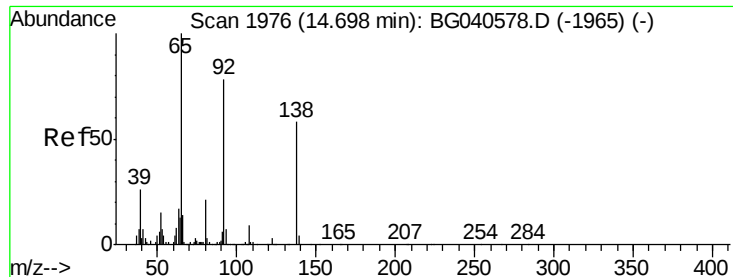
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

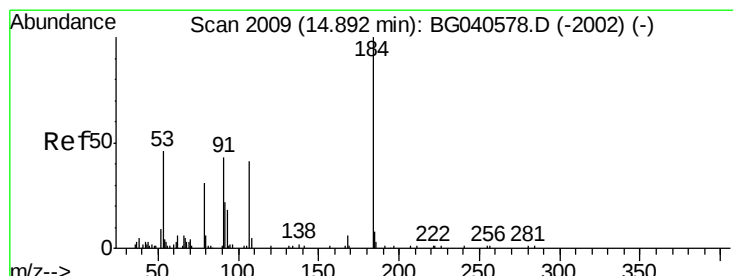
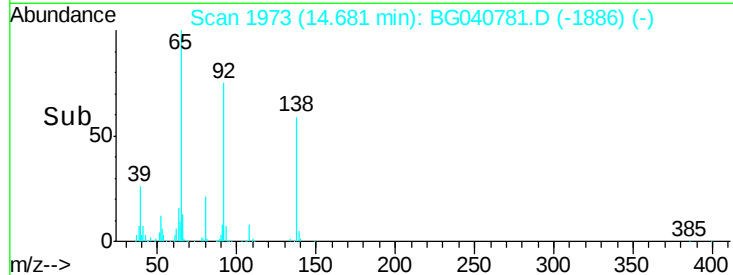
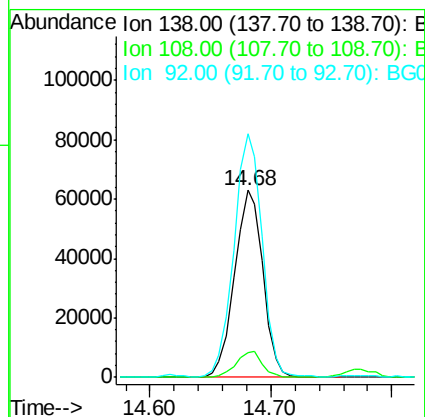
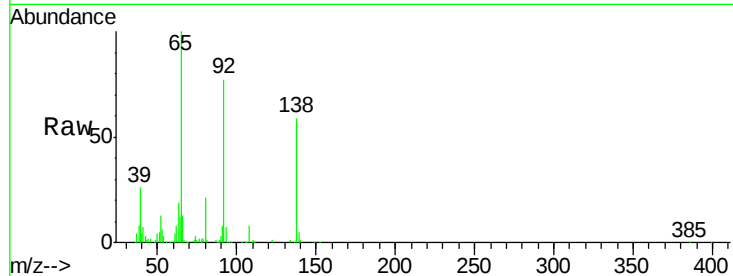




#53  
3-Nitroaniline  
Concen: 36.306 ng  
RT: 14.68 min Scan# 1973  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

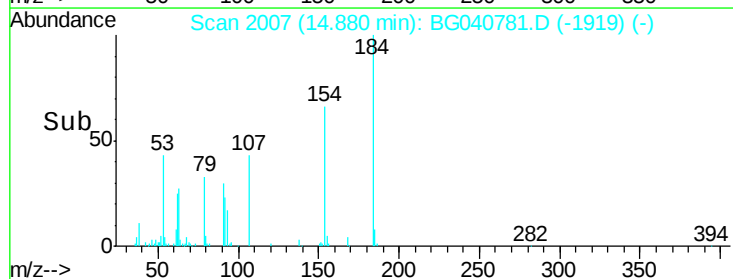
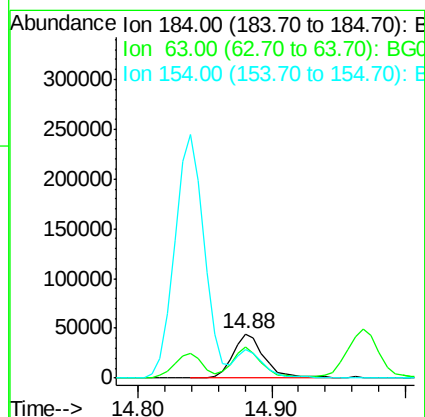
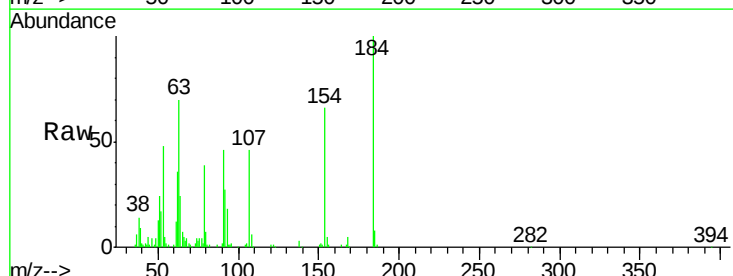
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

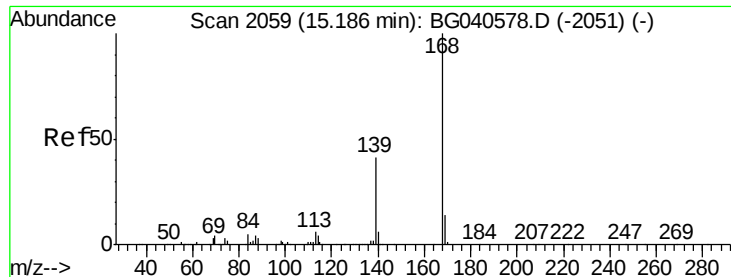
Tot Ion:138 Resp: 102973  
Ion Ratio Lower Upper  
138 100  
108 13.3 12.4 18.6  
92 130.4 108.6 162.8



#54  
2,4-Dinitrophenol  
Concen: 49.478 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:184 Resp: 72665  
Ion Ratio Lower Upper  
184 100  
63 70.2 51.8 77.6  
154 66.2 43.6 65.4#





#55

Dibenzenofuran

Concen: 39.223 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampled :

PB119477BS

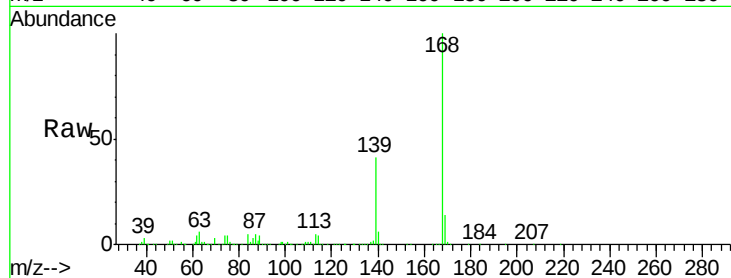
Tot Ion:168 Resp: 653811

Ion Ratio Lower Upper

168 100

139 40.9 33.0 49.4

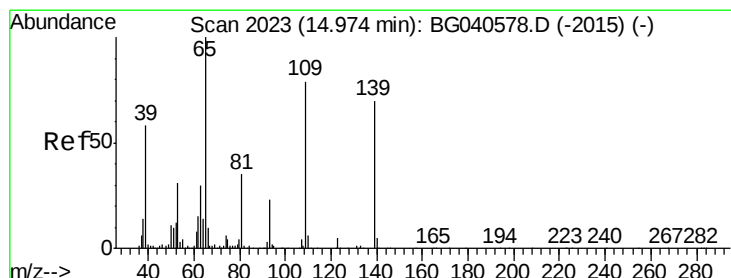
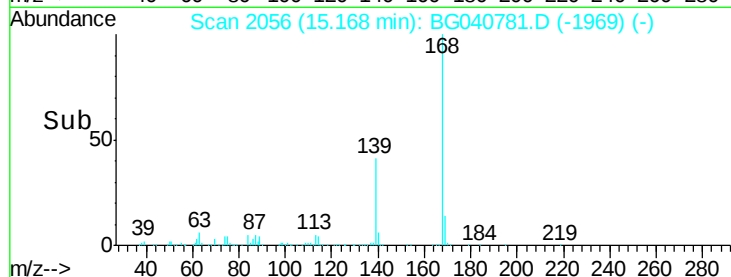
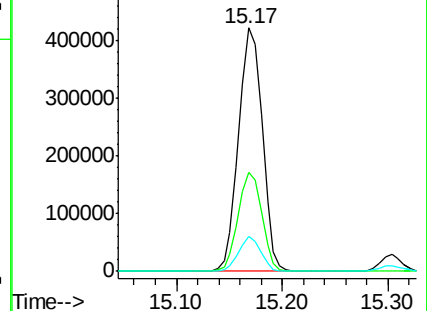
169 14.3 11.0 16.4



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: 80.695 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

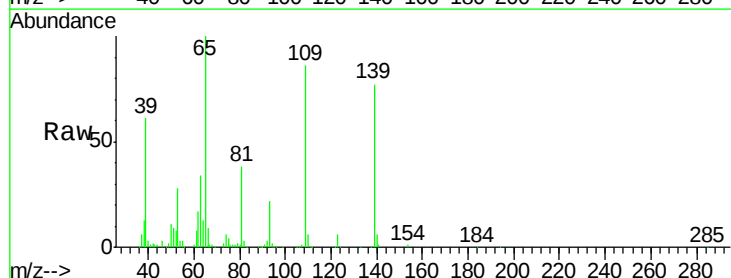
Tgt Ion:139 Resp: 198457

Ion Ratio Lower Upper

139 100

109 111.5 93.8 133.8

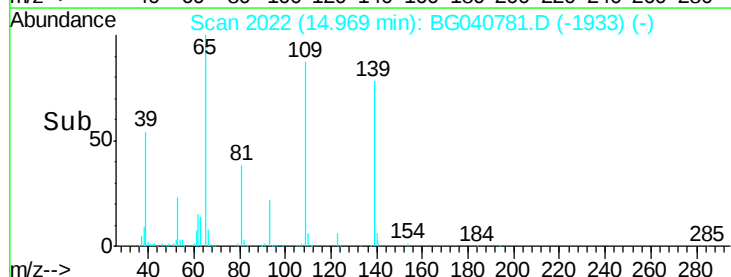
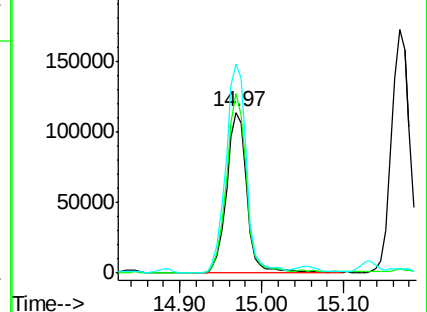
65 130.0 122.7 162.7



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): BGC

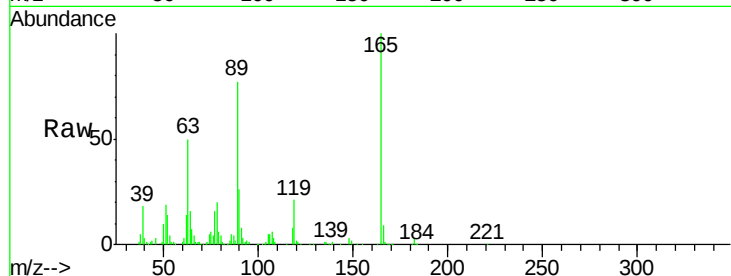




#57  
 2,4-Dinitrotoluene  
 Concen: 48.161 ng  
 RT: 15.13 min Scan# 2050  
 Delta R.T. -0.01 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.7  | 45.8  | 68.8  |
| 89      | 77.4  | 69.4  | 104.2 |
| 182     | 2.8   | 2.2   | 3.4   |

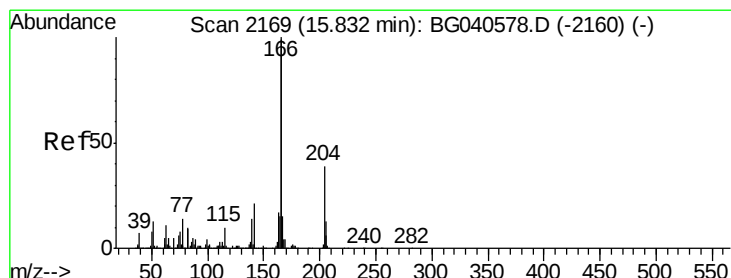
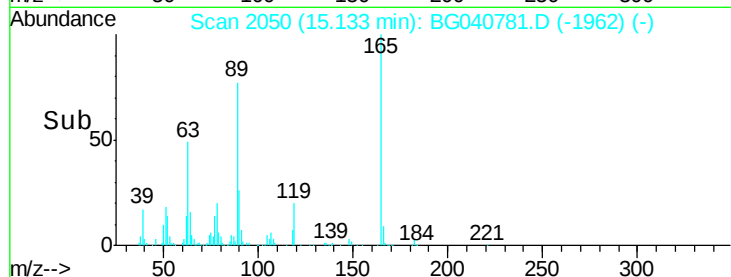
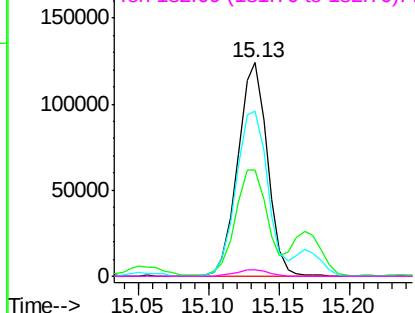


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

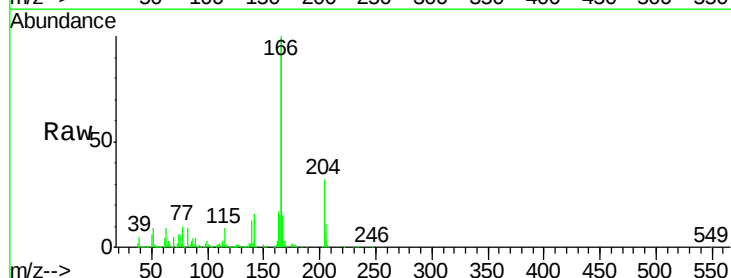
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 38.650 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

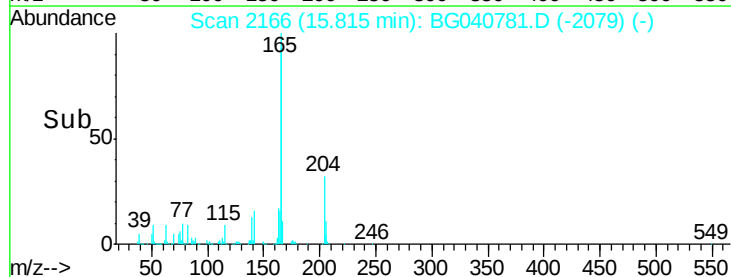
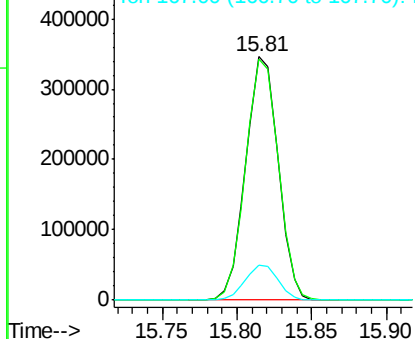
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.0  | 79.6  | 119.4 |
| 167     | 14.6  | 12.2  | 18.2  |

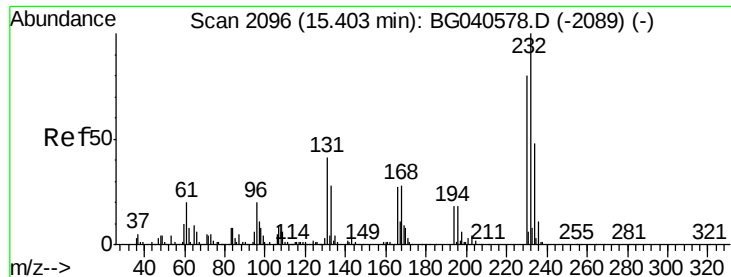


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

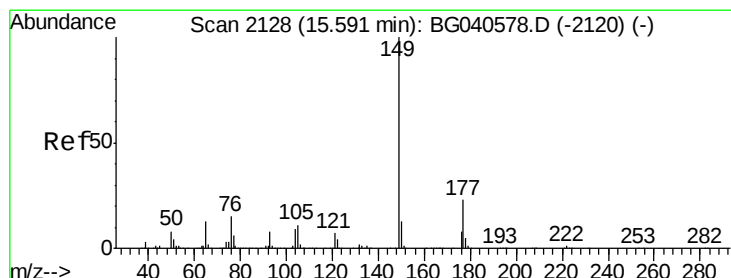
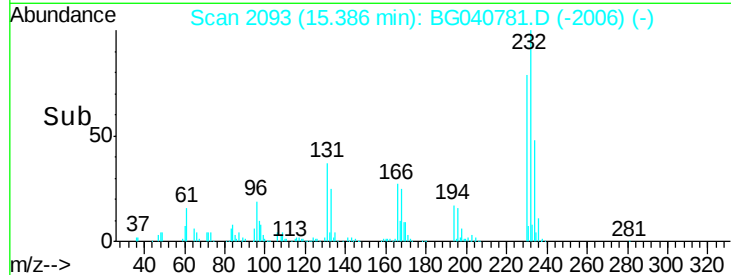
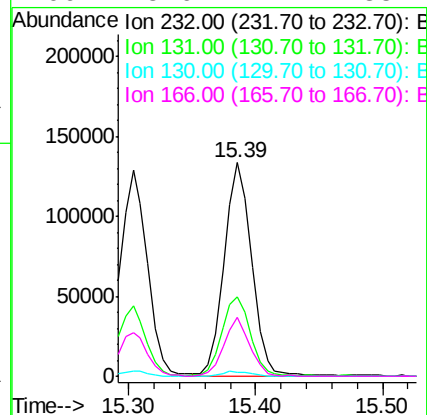
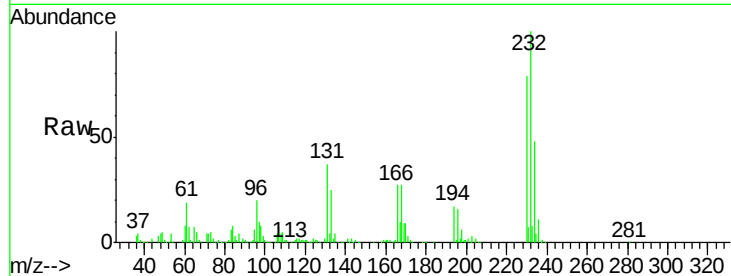




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.775 ng  
 RT: 15.39 min Scan# 2093  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

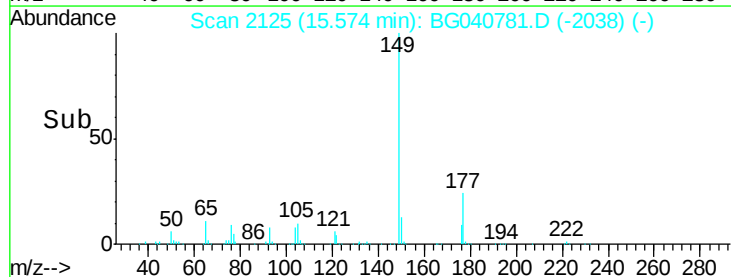
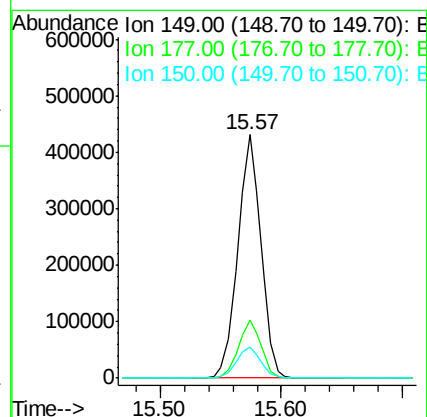
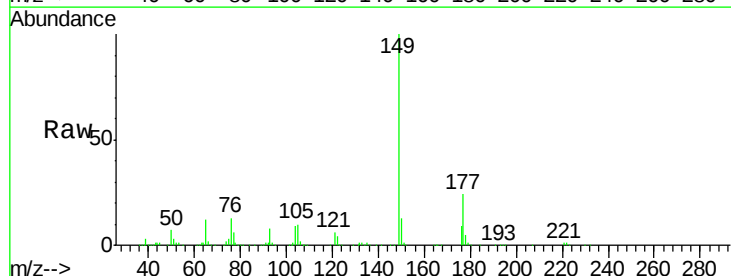
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

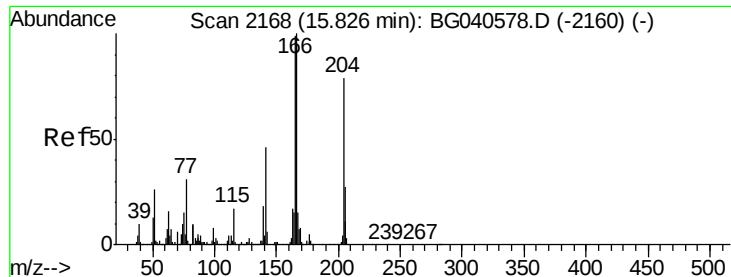
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 199904 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.4  | 33.0  | 49.4   |
| 130      | 2.4   | 2.0   | 3.0    |
| 166      | 25.6  | 22.1  | 33.1   |



#60  
 Diethylphthalate  
 Concen: 38.389 ng  
 RT: 15.57 min Scan# 2125  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 574476 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.0  | 18.5  | 27.7   |
| 150      | 12.6  | 10.2  | 15.4   |

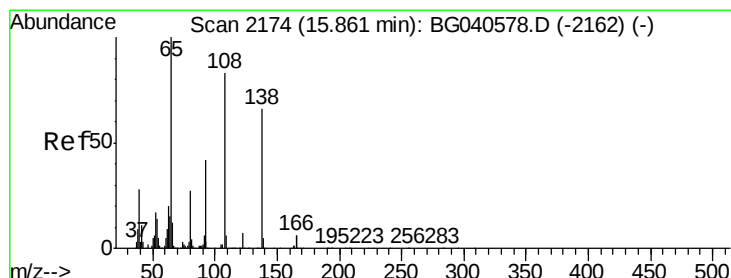
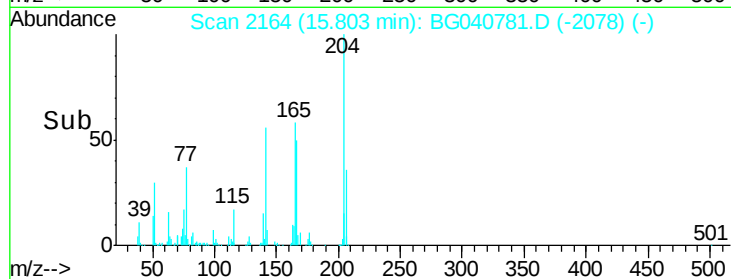
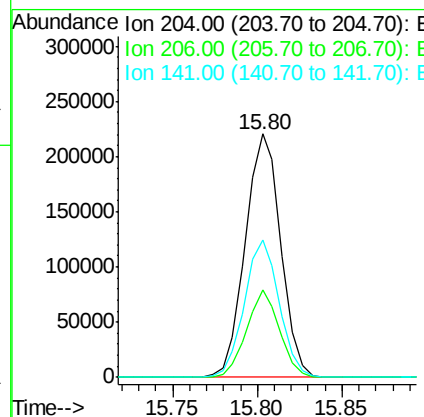
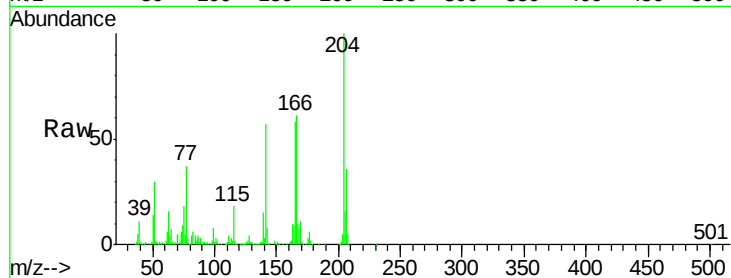




#61  
4-Chlorophenyl-phenylether  
Concen: 40.978 ng  
RT: 15.80 min Scan# 2164  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

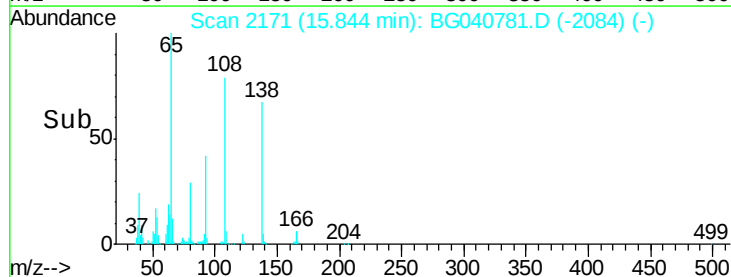
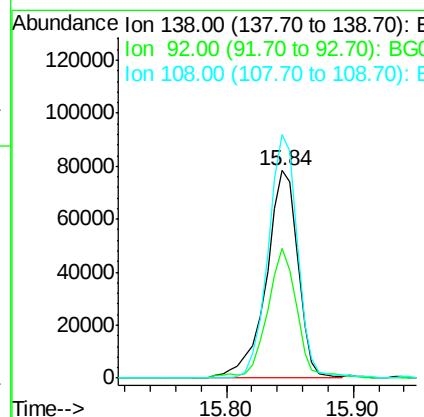
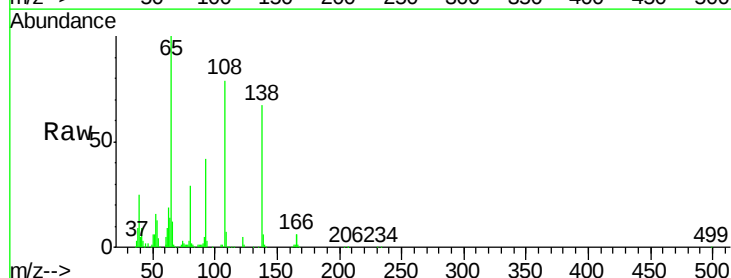
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

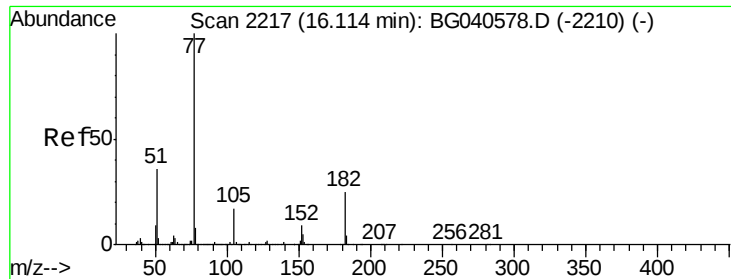
Tot Ion:204 Resp: 321102  
Ion Ratio Lower Upper  
204 100  
206 35.9 27.4 41.2  
141 56.7 46.0 69.0



#62  
4-Nitroaniline  
Concen: 42.870 ng  
RT: 15.84 min Scan# 2171  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:138 Resp: 136014  
Ion Ratio Lower Upper  
138 100  
92 62.5 43.9 83.9  
108 117.5 106.5 146.5

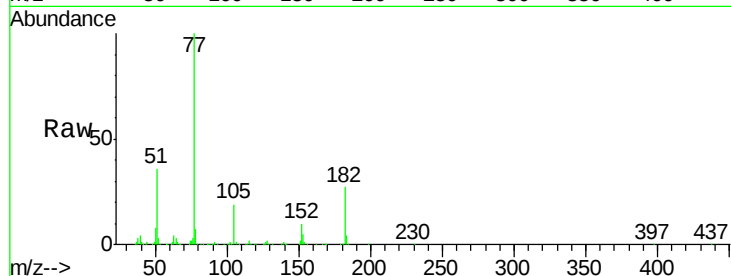




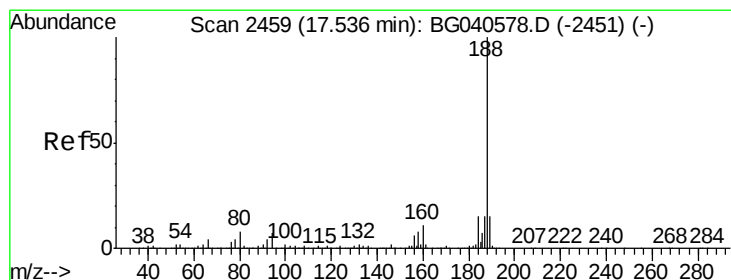
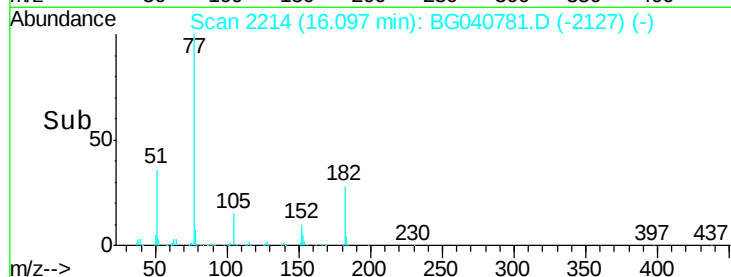
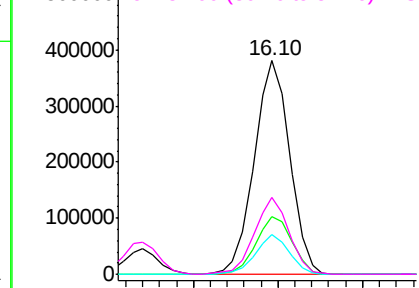
#63  
Azobenzene  
Concen: 36.003 ng  
RT: 16.10 min Scan# 2214  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 554845 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.3  | 5.0   | 45.0   |
| 105      | 18.7  | 0.0   | 37.6   |
| 51       | 36.0  | 16.3  | 56.3   |

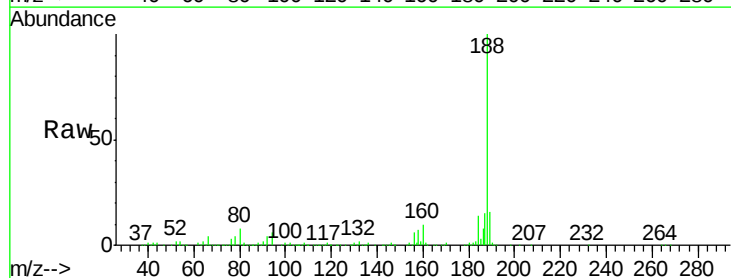


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

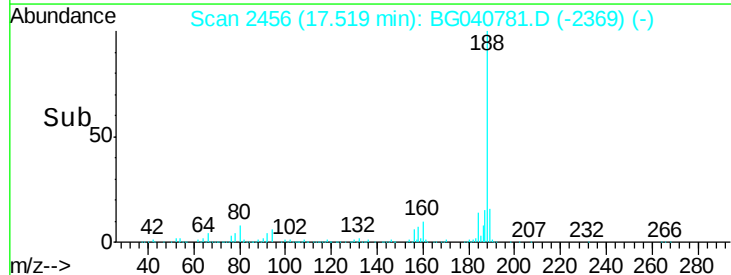
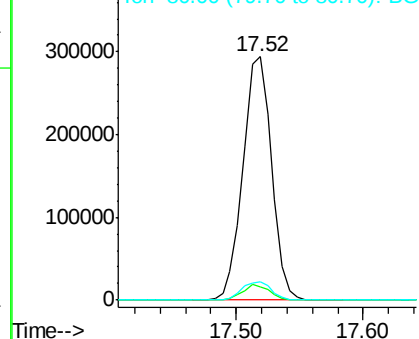


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2456  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 460021 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.6   | 5.6   | 8.4#   |
| 80       | 7.7   | 6.4   | 9.6    |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.738 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

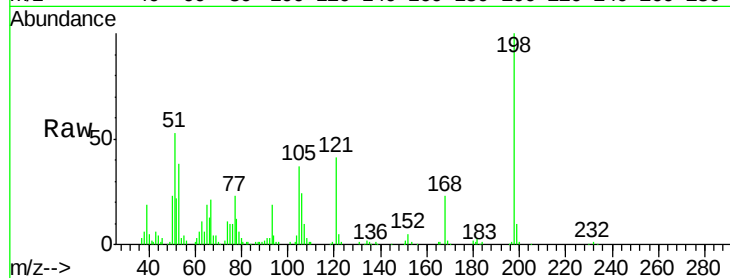
BNA\_G

ClientSampleId :

PB119477BS

Tot Ion:198 Resp: 78840

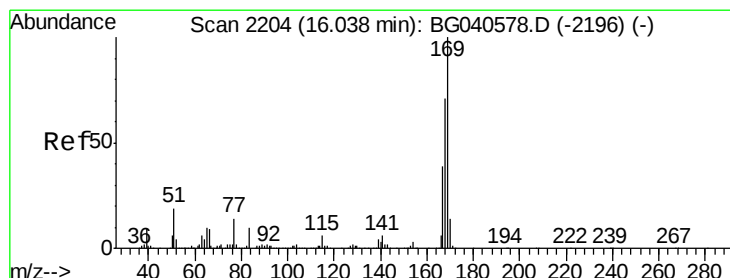
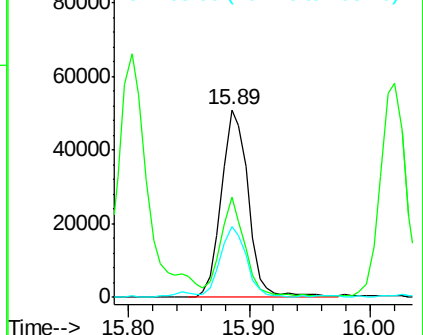
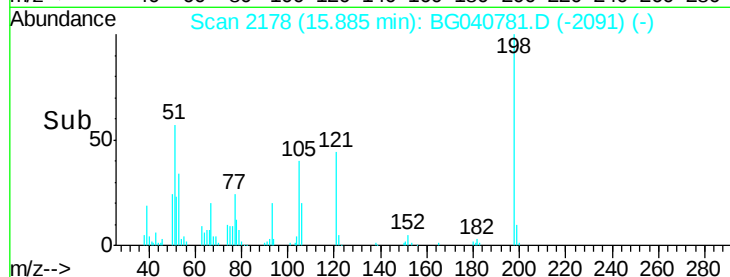
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 53.2  | 35.9  | 75.9  |
| 105 | 37.4  | 21.2  | 61.2  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.428 ng

RT: 16.02 min Scan# 2201

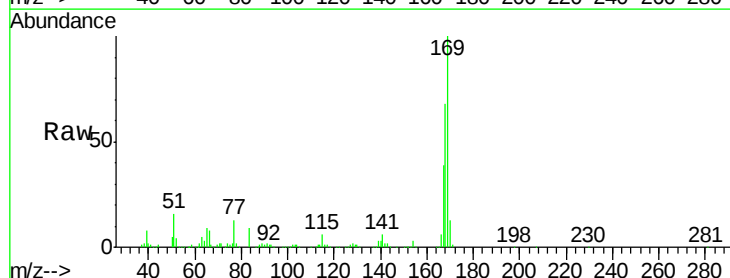
Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:169 Resp: 493027

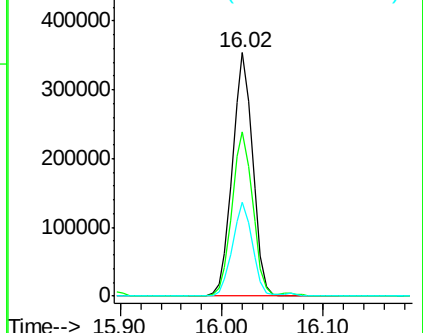
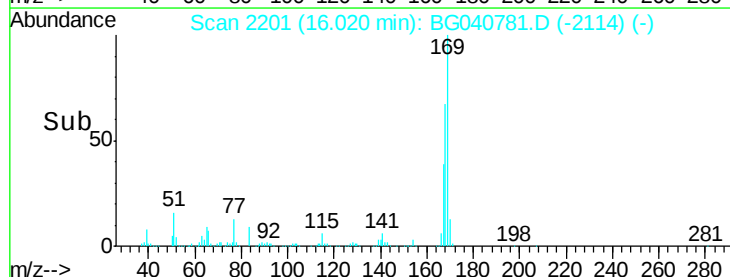
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.6  | 56.8  | 85.2  |
| 167 | 38.7  | 31.4  | 47.0  |

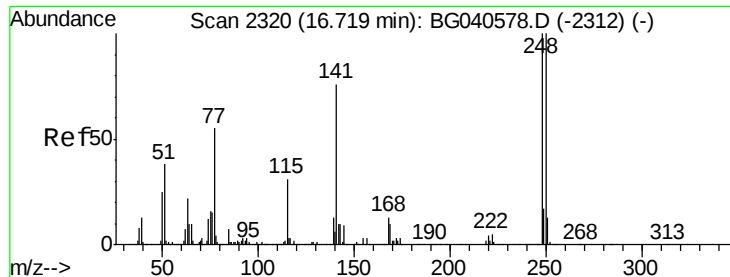


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

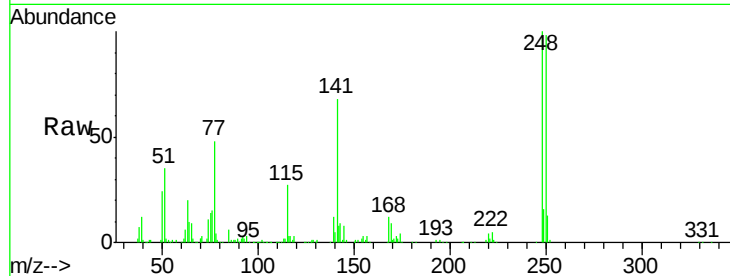




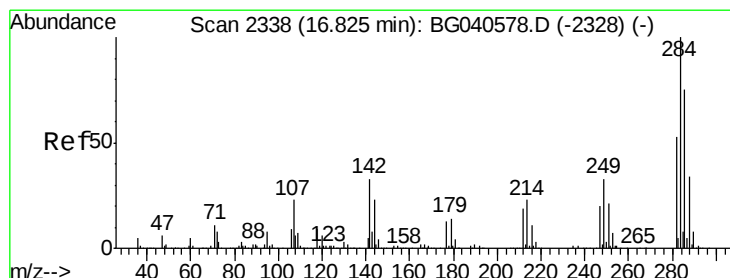
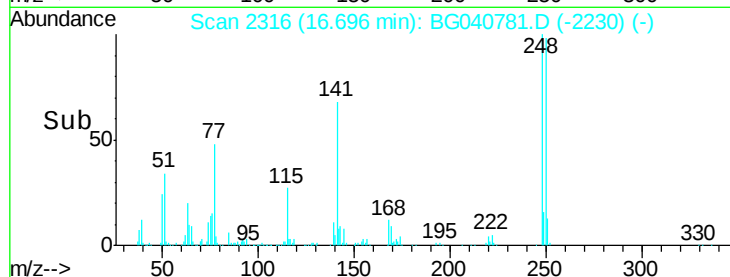
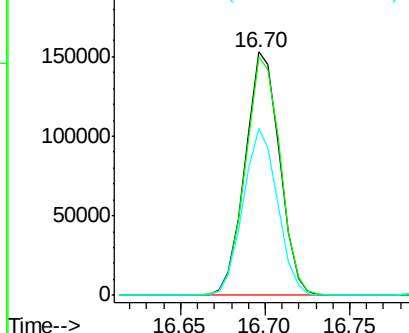
#67  
4-Bromophenyl-phenylether  
Concen: 37.890 ng  
RT: 16.70 min Scan# 2316  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

Tot Ion:248 Resp: 217157  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.8 119.6  
141 68.5 60.8 91.2

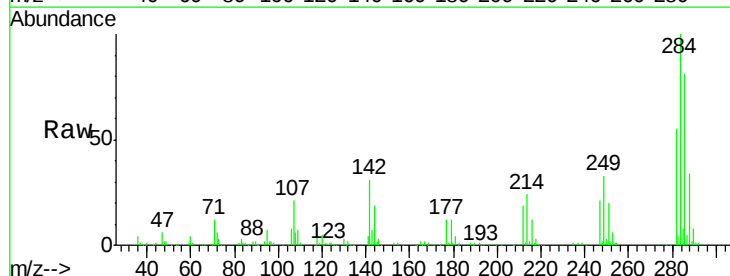


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

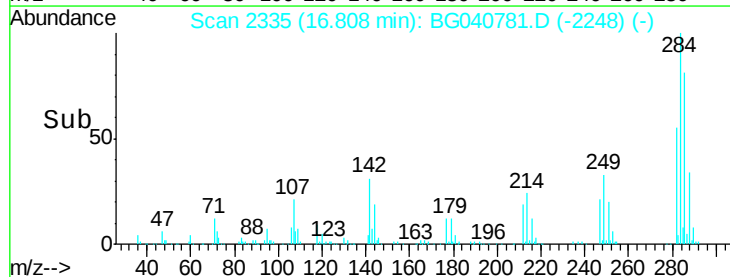
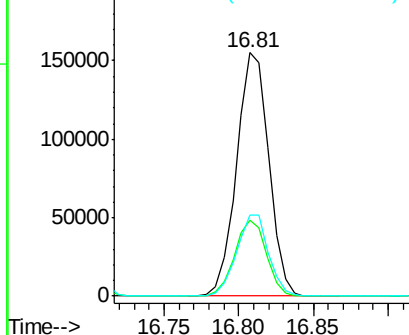


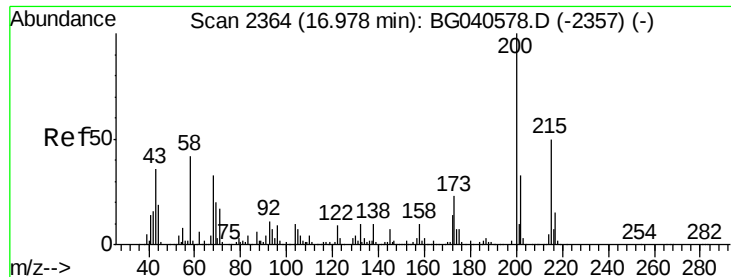
#68  
Hexachlorobenzene  
Concen: 39.215 ng  
RT: 16.81 min Scan# 2335  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:284 Resp: 232390  
Ion Ratio Lower Upper  
284 100  
142 31.1 26.6 40.0  
249 33.2 26.0 39.0



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

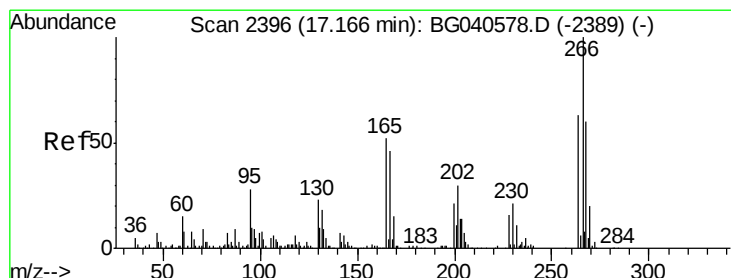
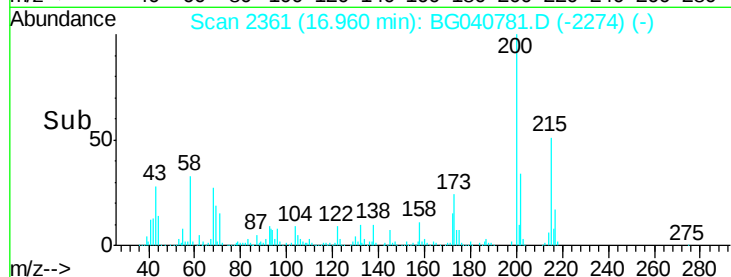
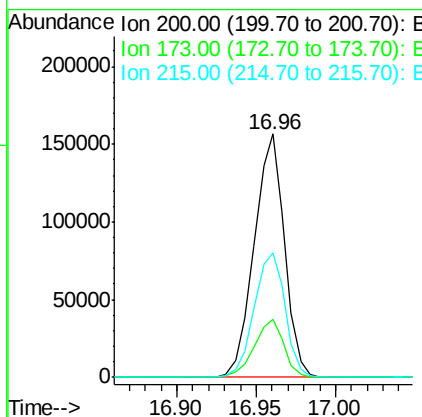
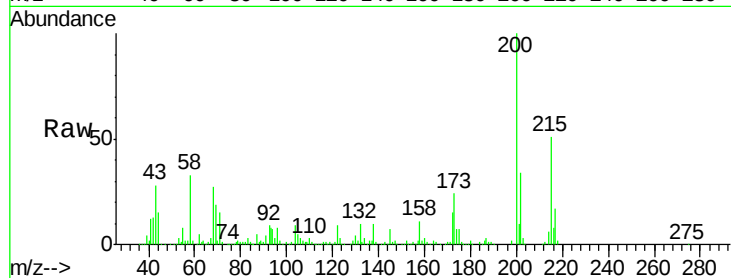




#69  
 Atrazine  
 Concen: 38.727 ng  
 RT: 16.96 min Scan# 2361  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

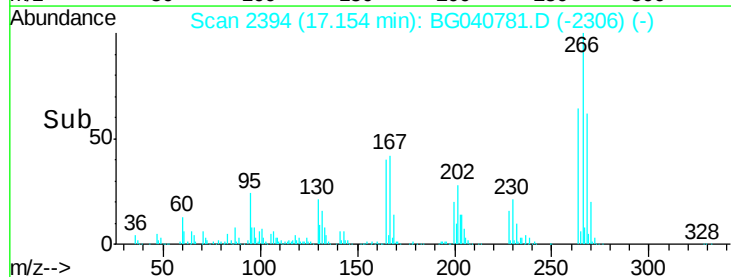
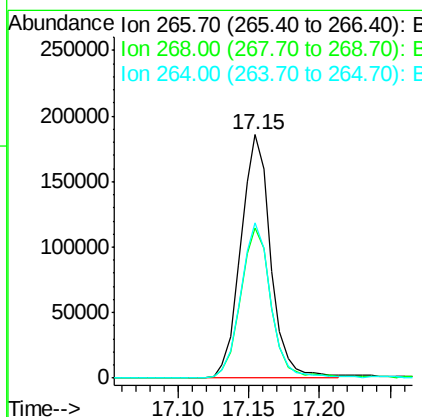
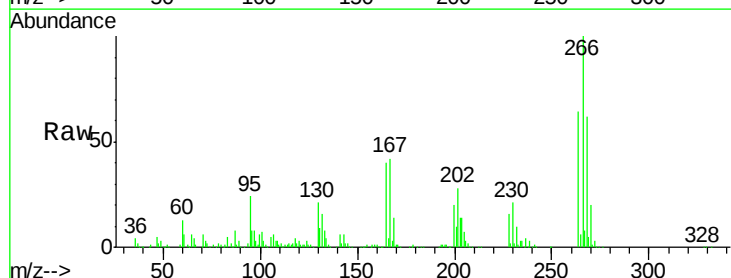
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

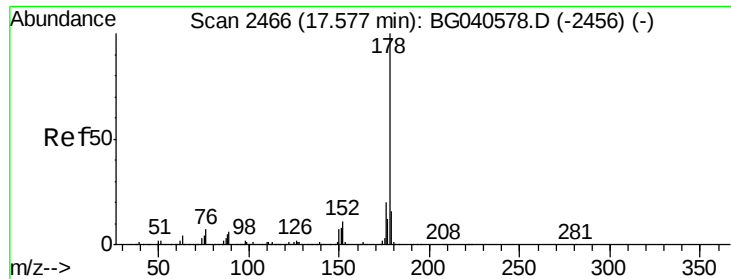
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.8  | 2.8   | 42.8  |
| 215     | 51.4  | 30.2  | 70.2  |



#70  
 Pentachlorophenol  
 Concen: 79.245 ng  
 RT: 17.15 min Scan# 2394  
 Delta R.T. -0.01 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.6  | 52.3  | 78.5  |
| 264     | 63.7  | 50.0  | 75.0  |

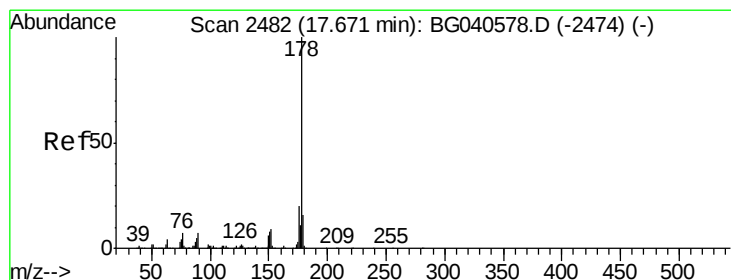
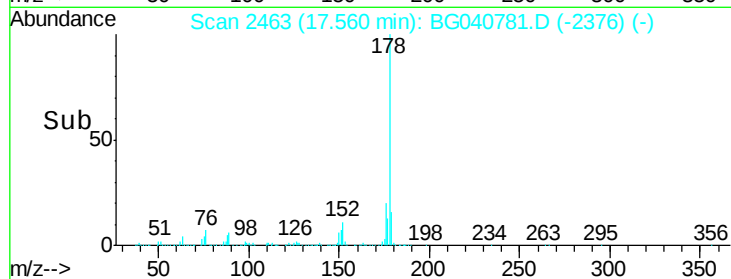
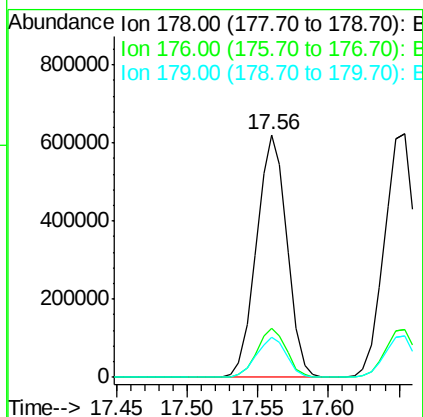
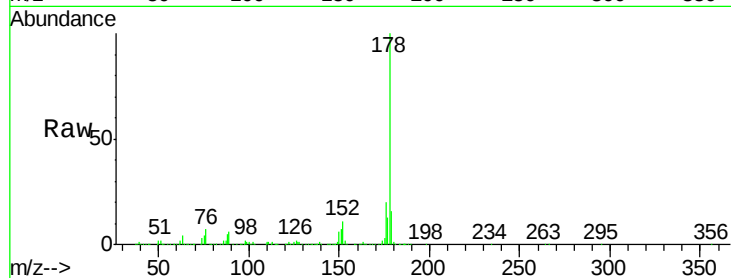




#71  
Phenanthrene  
Concen: 38.006 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

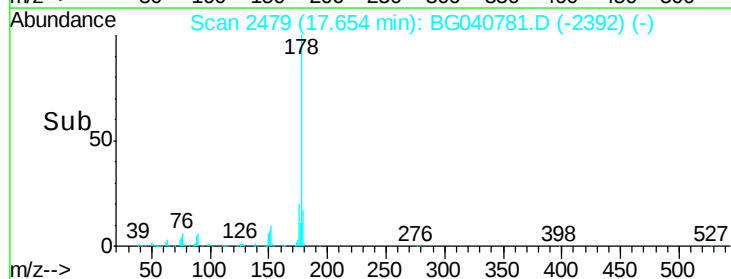
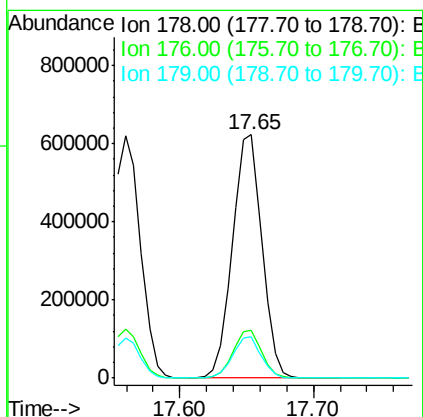
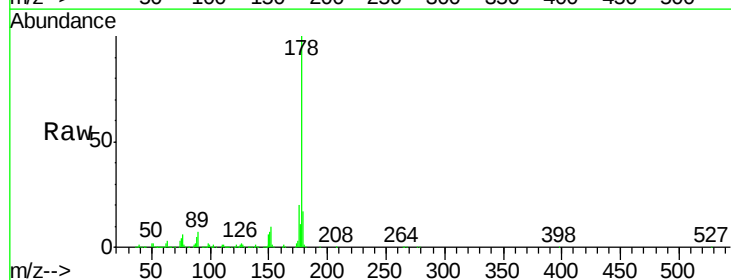
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

Tot Ion:178 Resp: 941707  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.8 23.6  
179 16.3 12.6 18.8



#72  
Anthracene  
Concen: 38.404 ng  
RT: 17.65 min Scan# 2479  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:178 Resp: 956480  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.6 23.4  
179 16.7 12.9 19.3

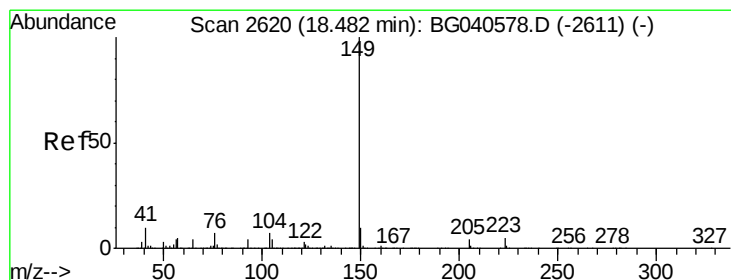
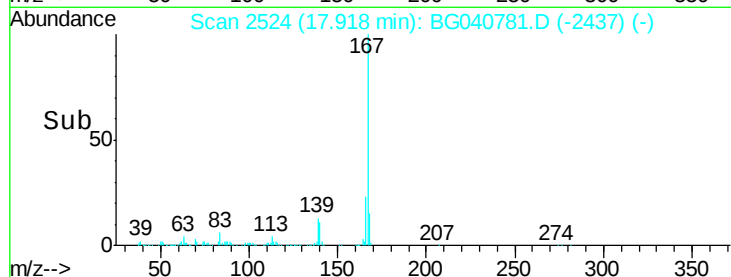
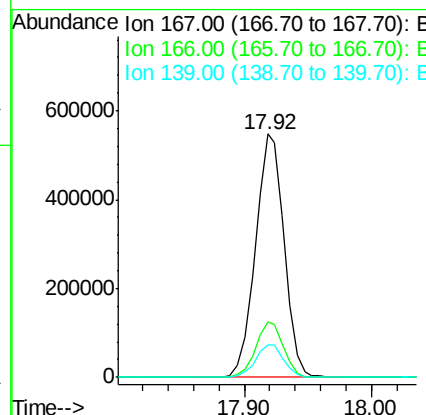
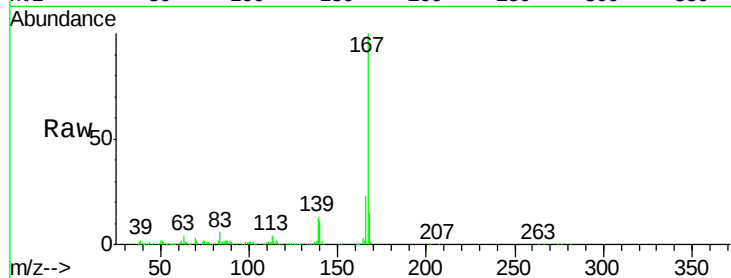




#73  
 Carbazole  
 Concen: 37.889 ng  
 RT: 17.92 min Scan# 2524  
 Delta R.T. -0.02 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

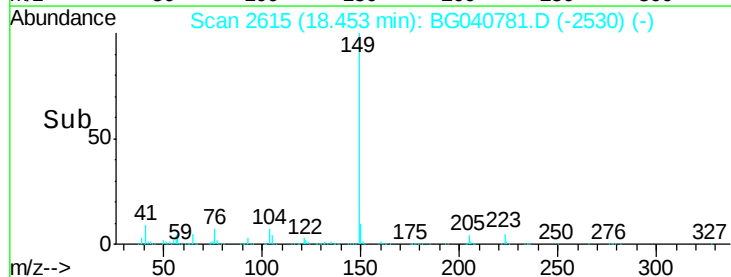
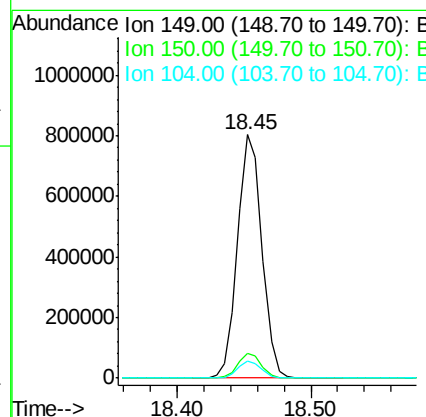
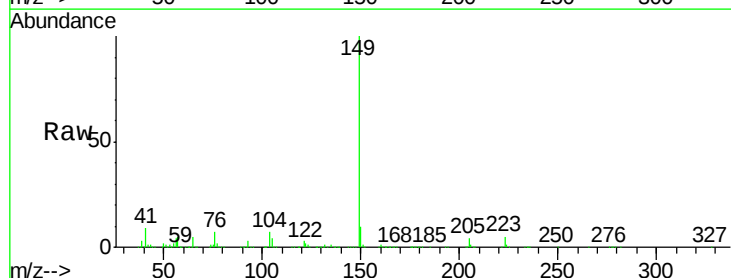
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 18.2  | 27.4  |
| 139     | 13.5  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 37.360 ng  
 RT: 18.45 min Scan# 2615  
 Delta R.T. -0.03 min  
 Lab File: BG040781.D  
 Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.2  |
| 104     | 7.0   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 40.629 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

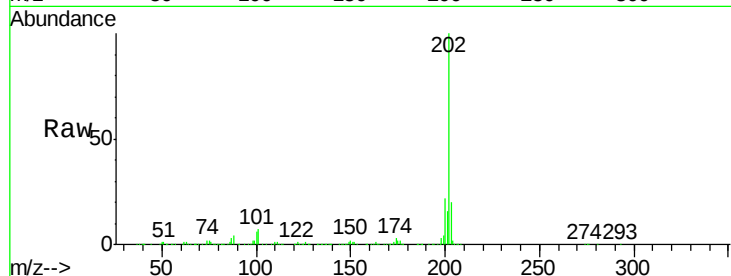
Tot Ion:202 Resp: 1254516

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

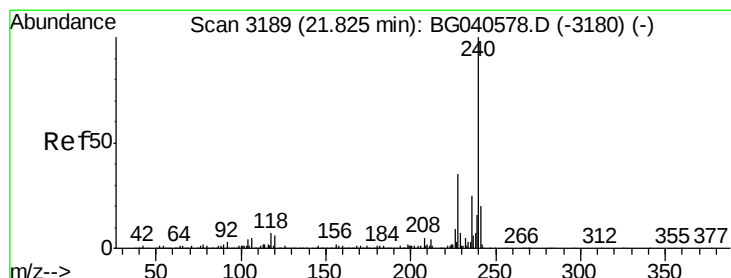
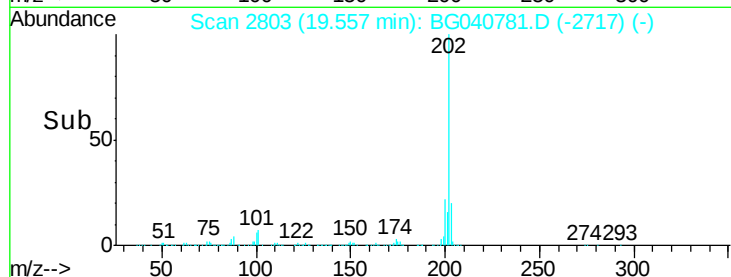
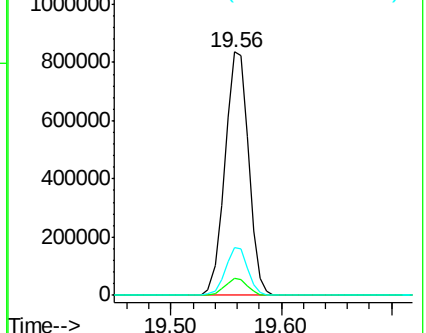
203 19.5 0.0 39.3



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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

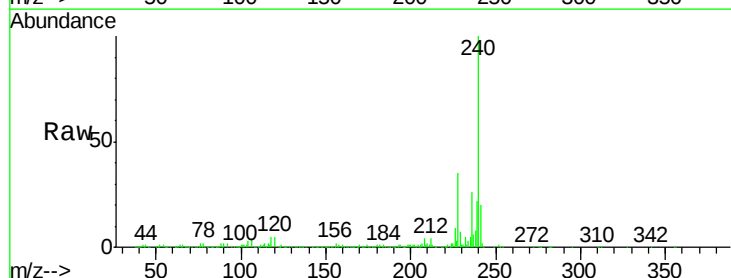
Tgt Ion:240 Resp: 474631

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

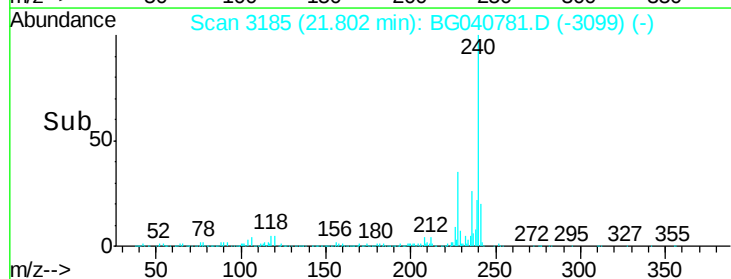
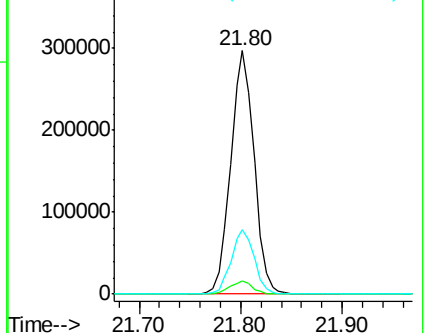
236 26.4 20.3 30.5



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

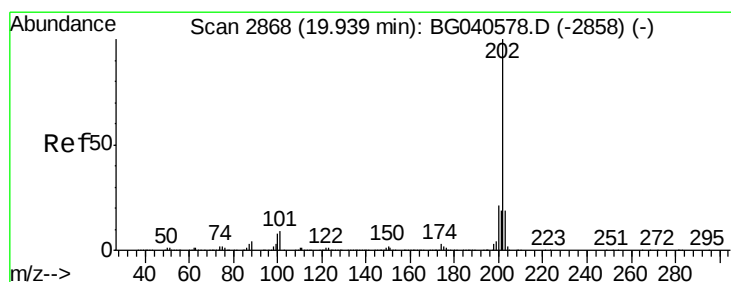
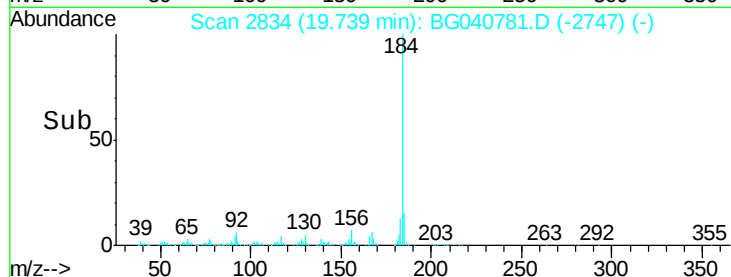
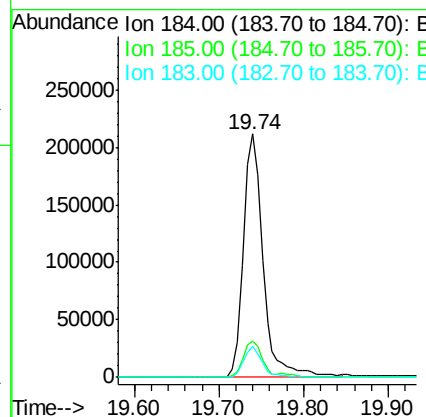
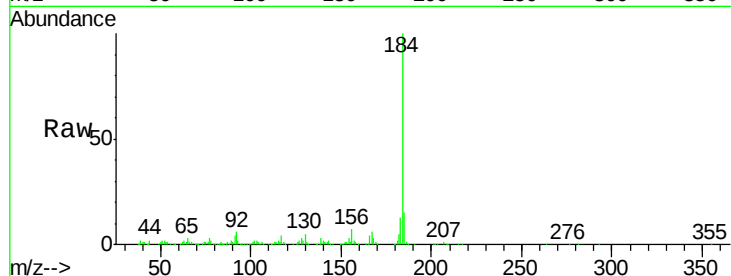




#77  
Benzidine  
Concen: 26.139 ng  
RT: 19.74 min Scan# 2834  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

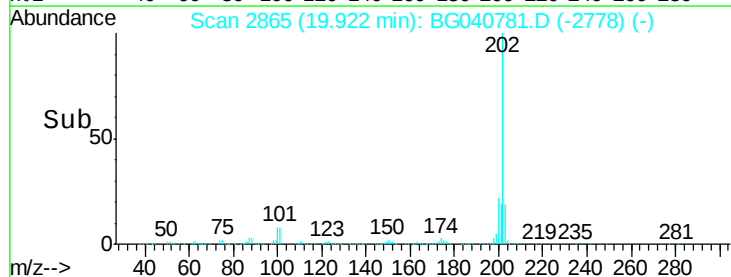
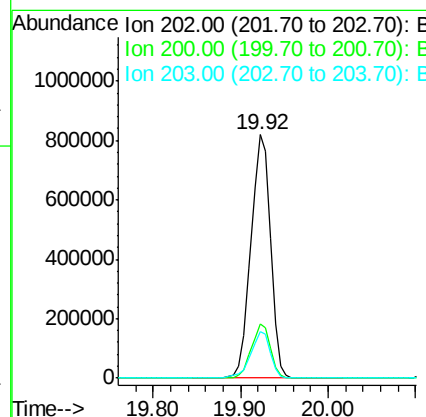
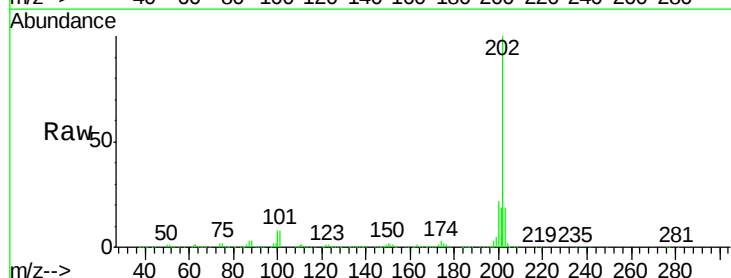
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

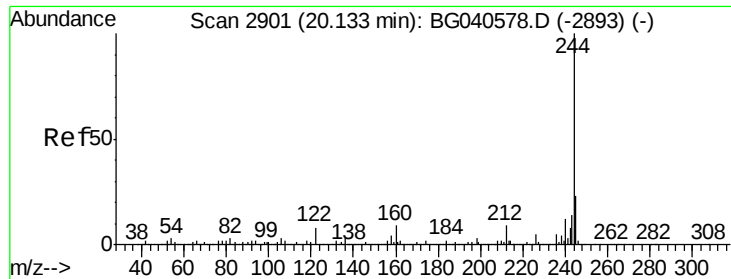
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.8  | 11.8  | 17.8  |
| 183     | 13.0  | 10.2  | 15.2  |



#78  
Pyrene  
Concen: 41.776 ng  
RT: 19.92 min Scan# 2865  
Delta R.T. -0.02 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.1  | 17.2  | 25.8  |
| 203     | 19.1  | 15.0  | 22.4  |





#79

Terphenyl-d14

Concen: 83.129 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

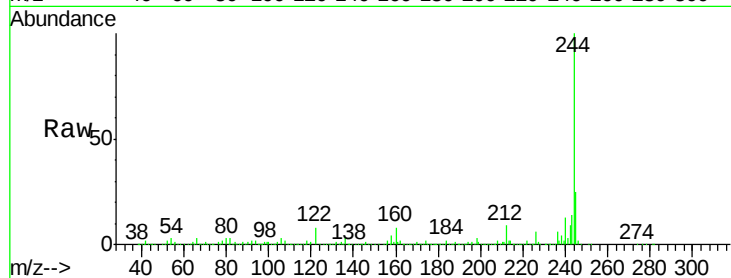
BNA\_G

ClientSampleId :

PB119477BS

Tot Ion:244 Resp: 1780944

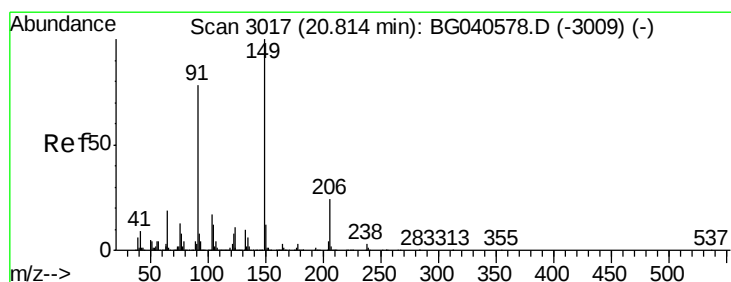
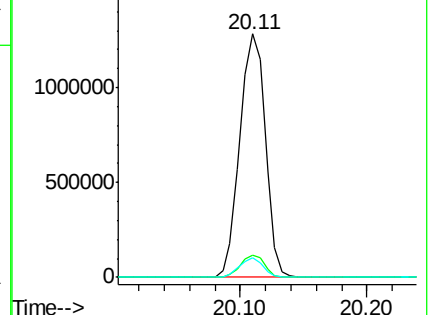
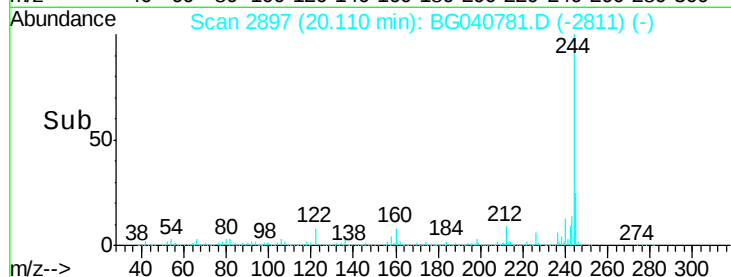
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.3   | 7.2   | 10.8  |
| 122 | 7.9   | 6.6   | 10.0  |



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: 41.371 ng

RT: 20.79 min Scan# 3013

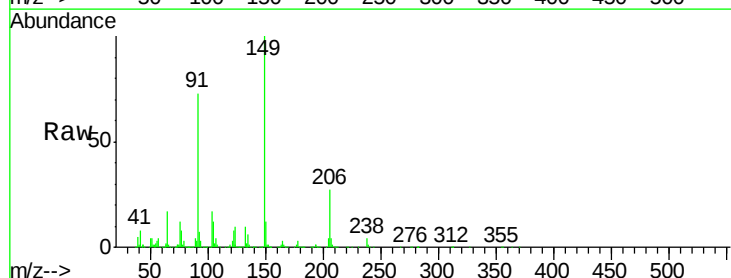
Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:149 Resp: 479667

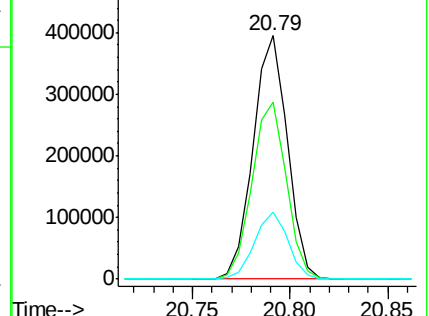
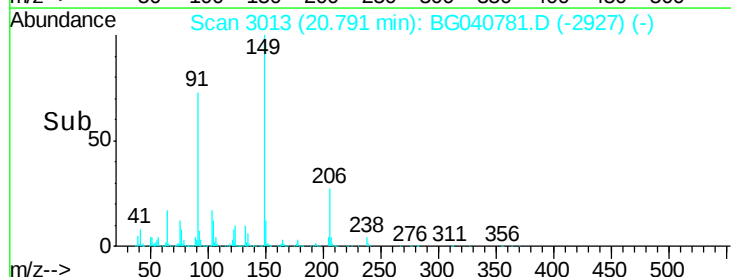
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.9  | 62.6  | 93.8  |
| 206 | 27.4  | 19.4  | 29.2  |

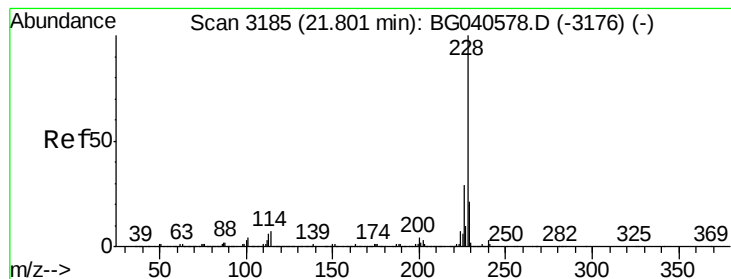


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.085 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

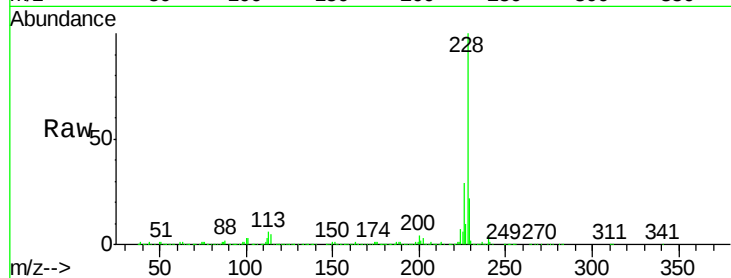
BNA\_G

ClientSampleId :

PB119477BS

Tot Ion:228 Resp: 1202443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 23.1  | 34.7  |
| 229 | 21.7  | 17.0  | 25.4  |

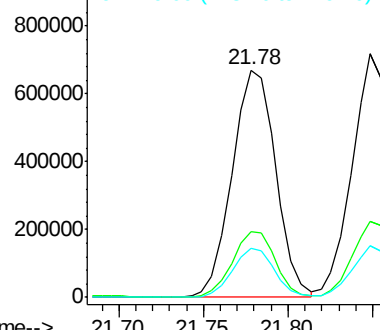


Abundance

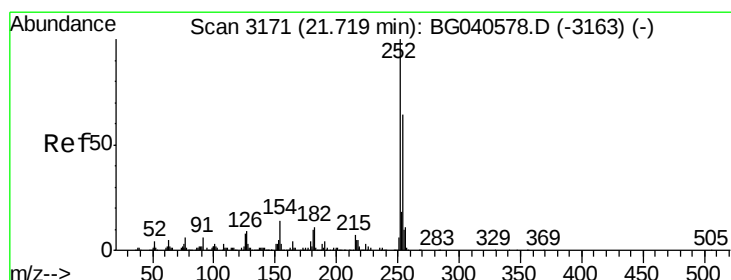
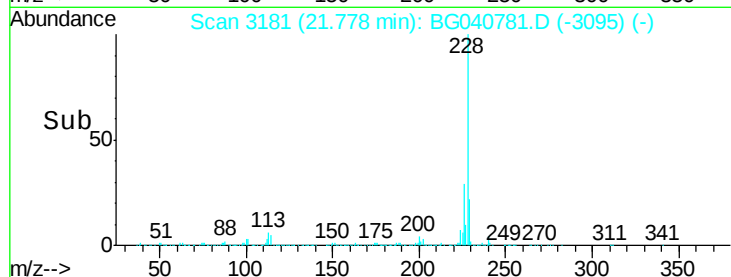
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 33.323 ng

RT: 21.70 min Scan# 3167

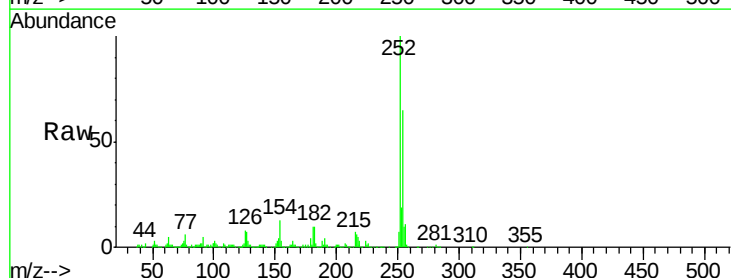
Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:252 Resp: 356284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.8  | 51.2  | 76.8  |
| 126 | 7.9   | 6.6   | 10.0  |

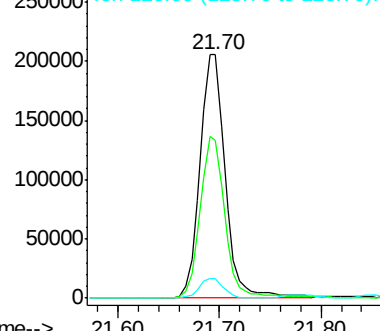


Abundance

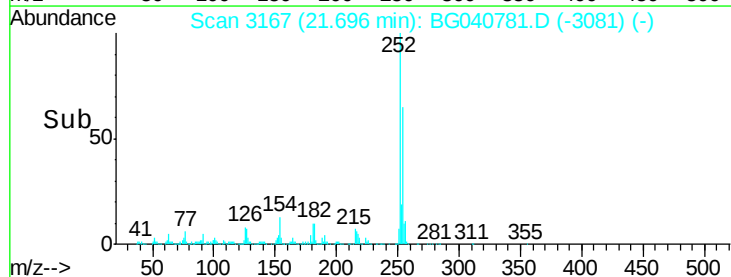
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 41.639 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

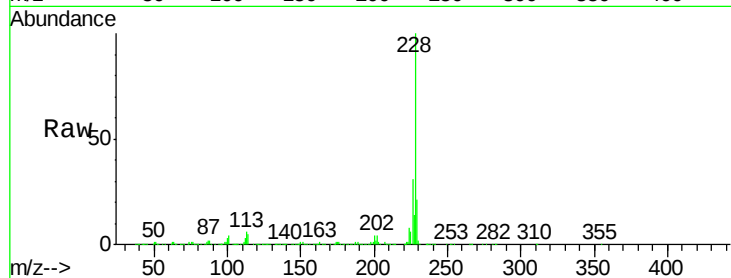
Tot Ion:228 Resp: 1187892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.3  | 25.5  | 38.3  |
| 229 | 21.3  | 16.8  | 25.2  |

228 100

226 31.3 25.5 38.3

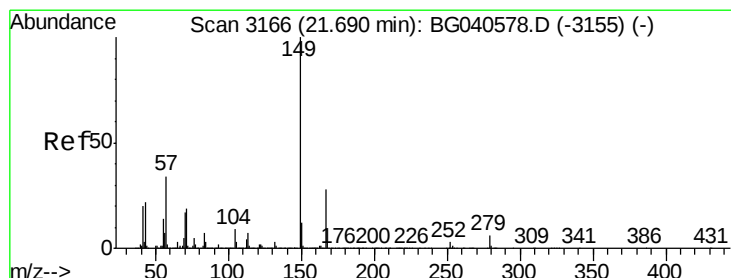
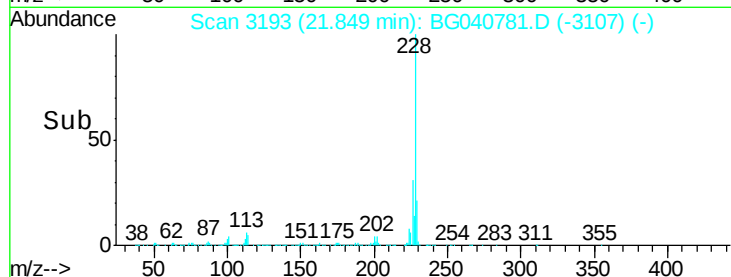
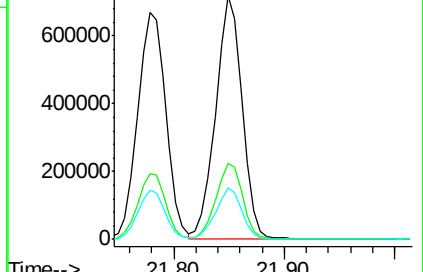
229 21.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.686 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.03 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

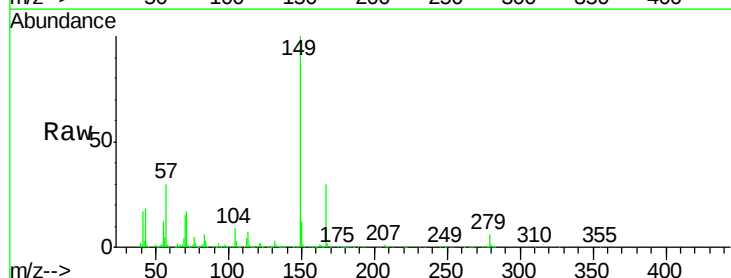
Tgt Ion:149 Resp: 664208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.1  | 22.4  | 33.6  |
| 279 | 6.5   | 4.6   | 6.8   |

149 100

167 30.1 22.4 33.6

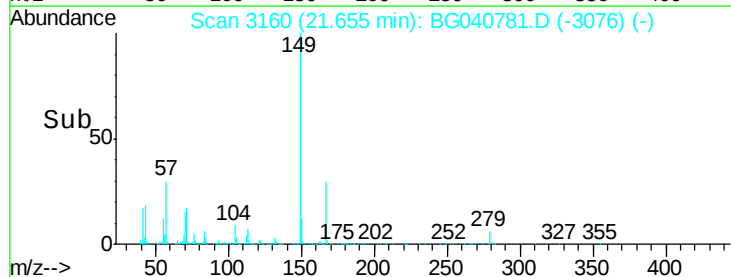
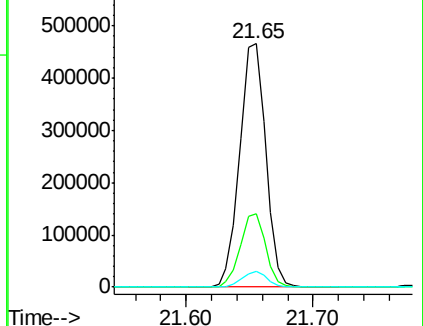
279 6.5 4.6 6.8

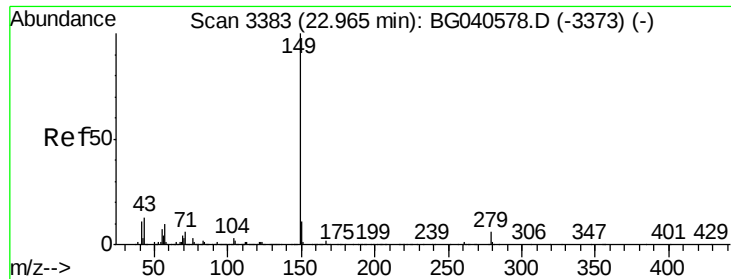


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.921 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.06 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

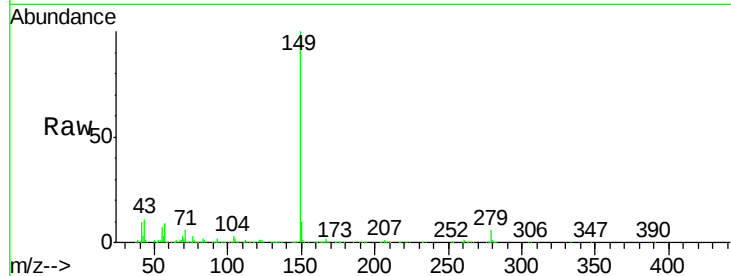
Tot Ion:149 Resp: 1125225

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

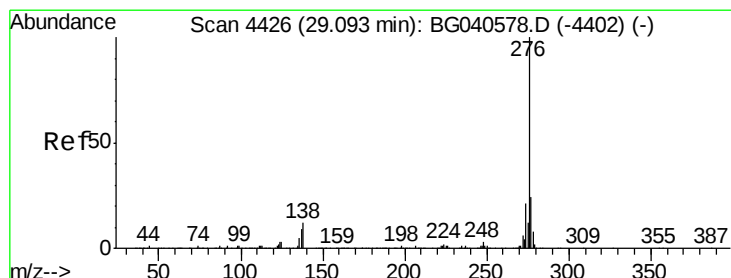
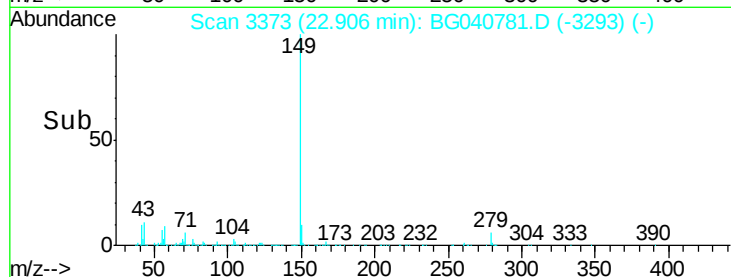
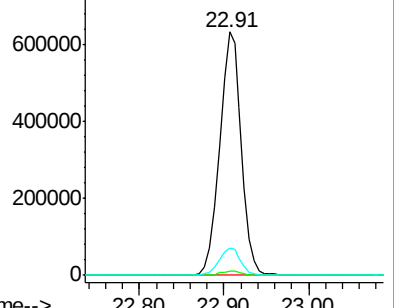
43 11.3 10.2 15.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.887 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

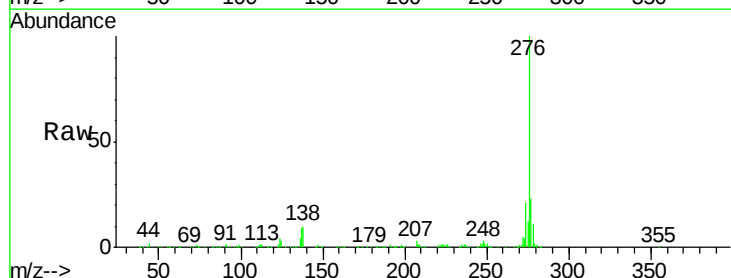
Tgt Ion:276 Resp: 1168836

Ion Ratio Lower Upper

276 100

138 7.6 9.8 14.6#

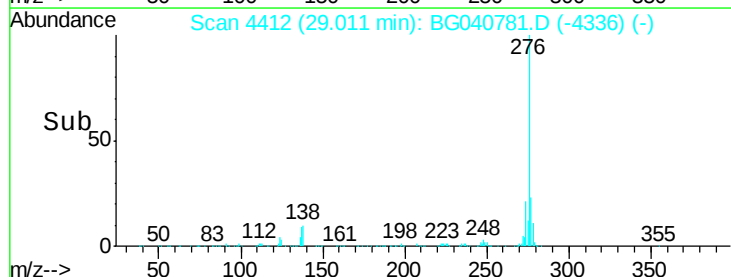
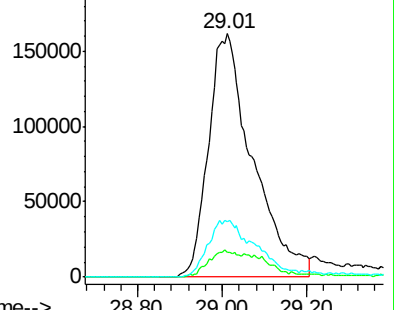
277 25.2 17.3 25.9

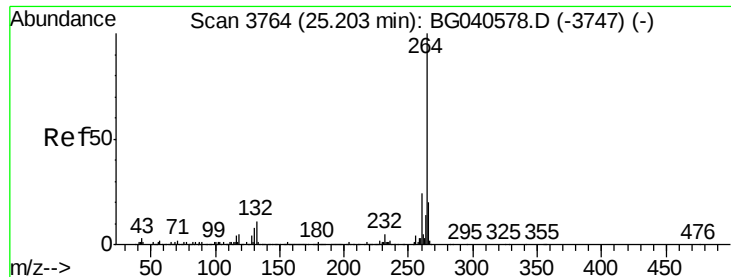


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



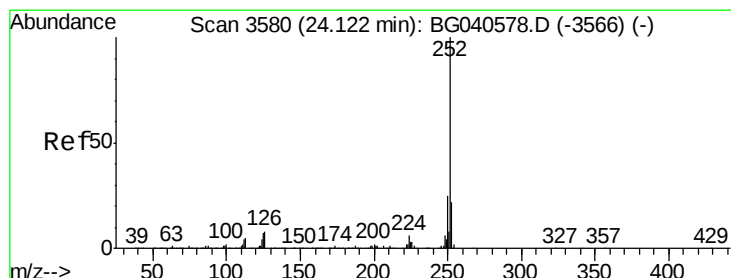
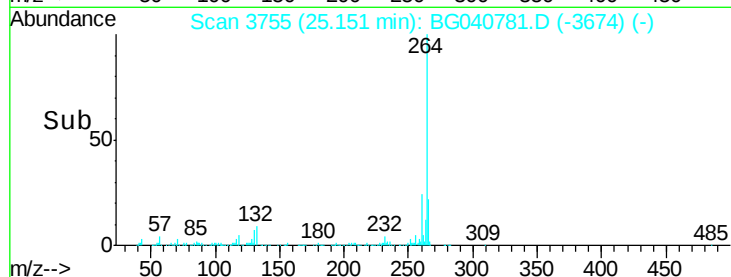
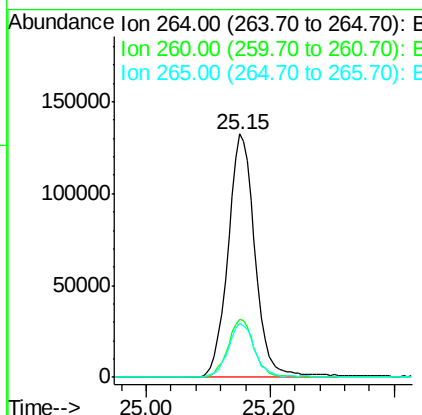
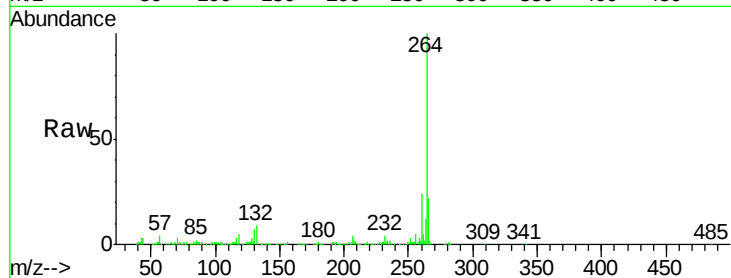


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.15 min Scan# 3755  
Delta R.T. -0.05 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

Tot Ion:264 Resp: 401928  

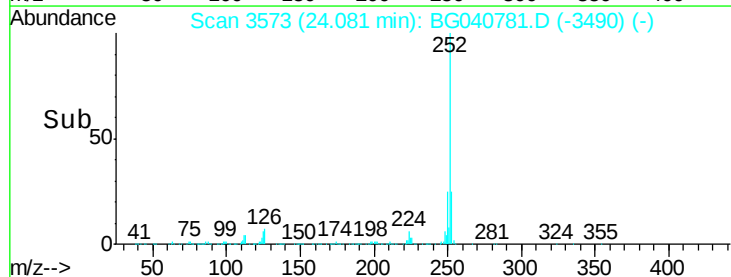
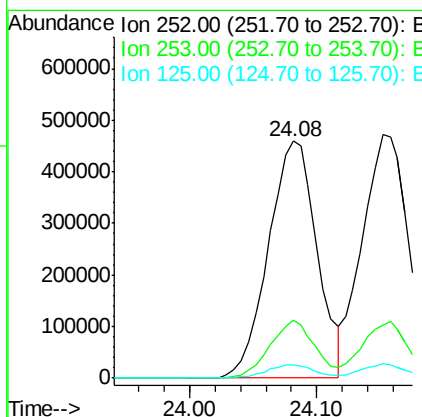
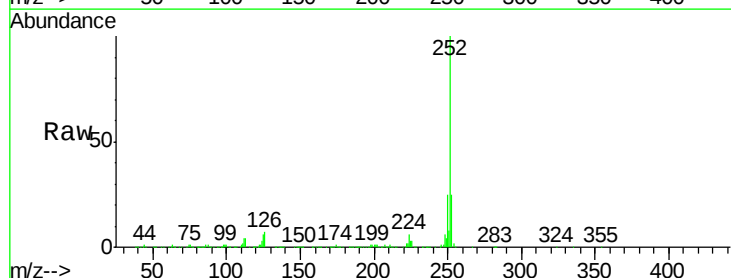
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 19.2  | 28.8  |
| 265 | 22.2  | 16.6  | 25.0  |



#88  
Benzo(b)fluoranthene  
Concen: 49.761 ng  
RT: 24.08 min Scan# 3573  
Delta R.T. -0.04 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:252 Resp: 1222184  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.5  | 17.6  | 26.4  |
| 125 | 5.7   | 5.4   | 8.0   |

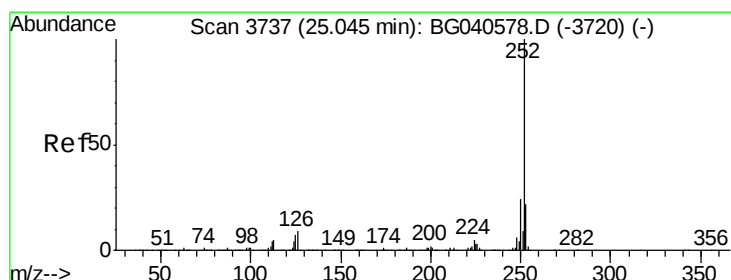
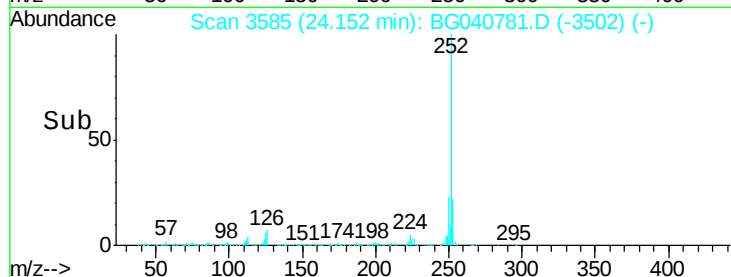
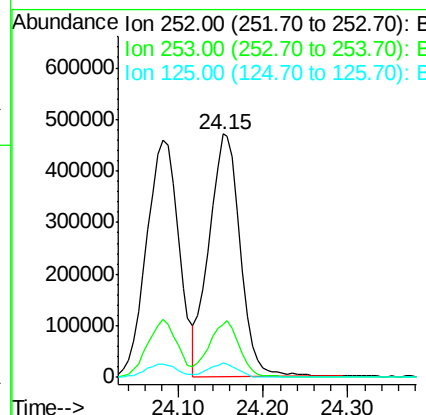
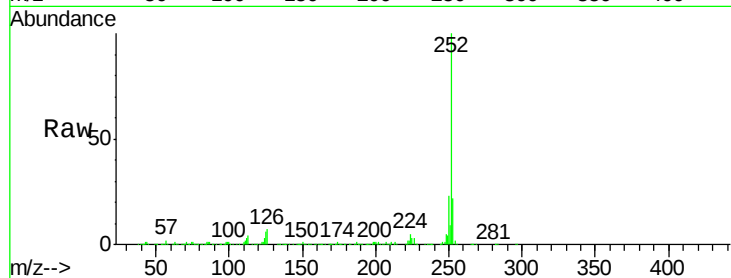




#89  
Benzo(k)fluoranthene  
Concen: 52.713 ng  
RT: 24.15 min Scan# 3585  
Delta R.T. -0.04 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

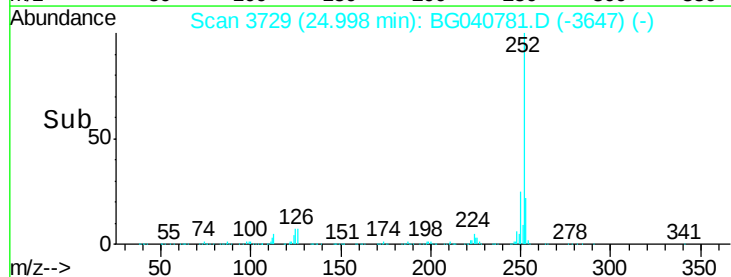
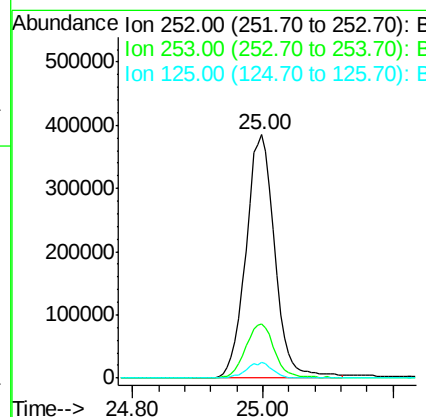
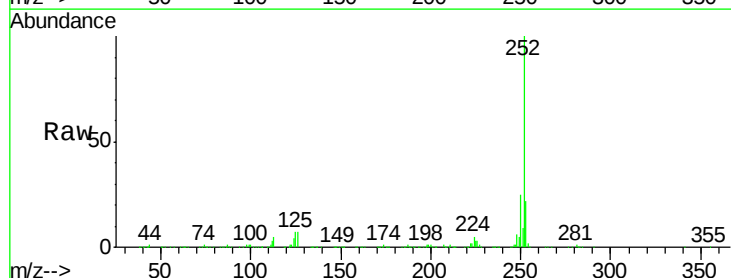
Instrument :  
BNA\_G  
ClientSampleId :  
PB119477BS

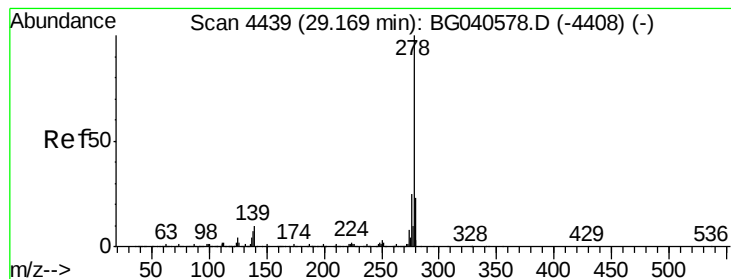
Tot Ion:252 Resp: 1209126  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 5.8 5.5 8.3



#90  
Benzo(a)pyrene  
Concen: 50.681 ng  
RT: 25.00 min Scan# 3729  
Delta R.T. -0.05 min  
Lab File: BG040781.D  
Acq: 8 May 2019 00:14

Tgt Ion:252 Resp: 1178290  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 6.7 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.714 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.09 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Instrument :

BNA\_G

ClientSampleId :

PB119477BS

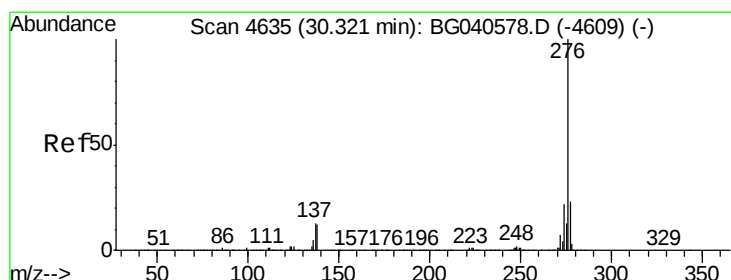
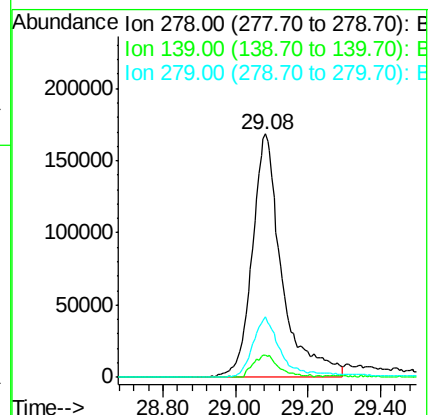
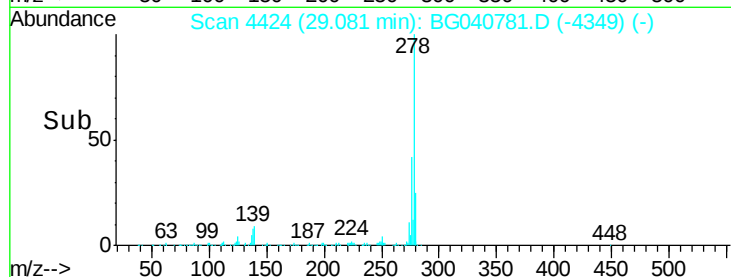
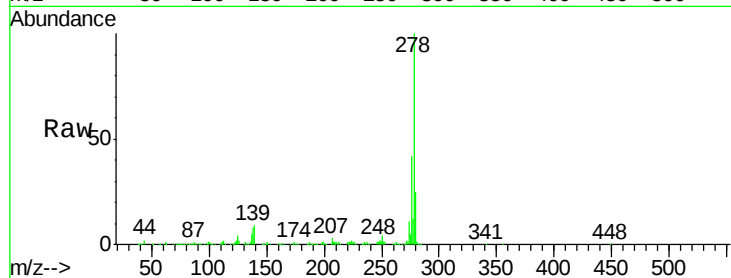
Tot Ion:278 Resp: 957902

Ion Ratio Lower Upper

278 100

139 9.2 8.2 12.4

279 25.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 39.754 ng

RT: 30.22 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG040781.D

Acq: 8 May 2019 00:14

Tgt Ion:276 Resp: 930863

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 12.4 9.8 14.6

