

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\  
 Data File : BG040627.D  
 Acq On : 26 Apr 2019 13:41  
 Operator : JU/SJ  
 Sample : K2535-03MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 27 02:02:17 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 | 8.15  | 152  | 49925    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 225859   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.79 | 164  | 171696   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.53 | 188  | 444518   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 435385   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.21 | 264  | 464337   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 221531  | 78.22  | ng | 0.00 |
| 7) Phenol-d6             | 7.29  | 99  | 221881  | 50.88  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.34  | 82  | 479334  | 98.06  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 340407  | 144.24 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.41 | 172 | 992644  | 83.50  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.13 | 244 | 1861872 | 94.74  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 26454  | 20.538 | ng | 97     |
| 3) Pyridine                    | 3.96  | 79  | 61410  | 16.449 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 46261  | 22.340 | ng | 99     |
| 6) Aniline                     | 7.48  | 93  | 113951 | 19.715 | ng | 96     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 135984 | 39.322 | ng | 93     |
| 9) Benzaldehyde                | 7.29  | 77  | 50901  | 15.217 | ng | 91     |
| 10) Phenol                     | 7.32  | 94  | 80219  | 17.113 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 158436 | 45.072 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 140082 | 37.112 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 144670 | 37.808 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 137604 | 37.289 | ng | 97     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 151286 | 33.342 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 309447 | 44.216 | ng | 97     |
| 17) 2-Methylphenol             | 8.58  | 107 | 117568 | 35.440 | ng | 95     |
| 18) Hexachloroethane           | 9.25  | 117 | 54894  | 34.972 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 173538 | 44.208 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 148076 | 32.042 | ng | 99     |
| 22) Acetophenone               | 8.99  | 105 | 291849 | 46.469 | ng | # 97   |
| 24) Nitrobenzene               | 9.38  | 77  | 248850 | 47.715 | ng | 99     |
| 25) Isophorone                 | 9.89  | 82  | 486504 | 44.682 | ng | 99     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 94849  | 50.736 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 168174 | 47.945 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 246552 | 45.133 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 185208 | 46.445 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 169834 | 38.406 | ng | 98     |
| 31) Naphthalene                | 11.03 | 128 | 495885 | 41.327 | ng | 99     |
| 32) Benzoic acid               | 10.21 | 122 | 45650  | 19.011 | ng | 94     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 70707  | 13.290 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 112367 | 34.419 | ng | 95     |
| 35) Caprolactam                | 11.93 | 113 | 11000  | 6.987  | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 223397 | 44.408 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 387126 | 43.151 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.84 | 142 | 380541 | 43.395 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 256584 | 40.116 | ng | 99     |

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 Sample : K2535-03MSD  
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 ALS Vial : 7 Sample Multiplier: 1

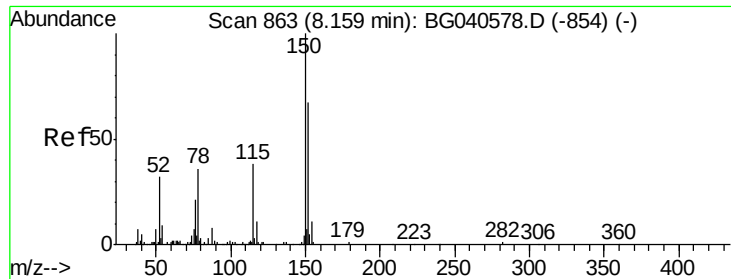
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 27 02:02:17 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  | 12.95 | 237  | 281586   | 74.608  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.22 | 196  | 187166   | 48.423  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 199633   | 47.412  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.62 | 154  | 557294   | 41.806  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.67 | 162  | 432807   | 41.487  | ng    | 100      |
| 48) 2-Nitroaniline             | 13.88 | 65   | 208581   | 56.168  | ng    | 97       |
| 49) Acenaphthylene             | 14.52 | 152  | 738534   | 41.725  | ng    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 667921   | 46.495  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.36 | 165  | 138342   | 49.343  | ng    | 98       |
| 52) Acenaphthene               | 14.85 | 154  | 446350   | 43.302  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.69 | 138  | 48505    | 16.885  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.90 | 184  | 170622   | 105.456 | ng    | # 80     |
| 55) Dibenzofuran               | 15.19 | 168  | 735435   | 43.560  | ng    | 97       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 97017    | 38.948  | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.15 | 165  | 207008   | 54.336  | ng    | 98       |
| 58) Fluorene                   | 15.83 | 166  | 604198   | 44.276  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 213947   | 50.483  | ng    | 99       |
| 60) Diethylphthalate           | 15.59 | 149  | 685521   | 45.229  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 357815   | 45.084  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 140751   | 43.800  | ng    | 98       |
| 63) Azobenzene                 | 16.12 | 77   | 703689   | 45.082  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 115324   | 51.965  | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 567409   | 43.386  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.71 | 248  | 241359   | 43.582  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 249203   | 43.518  | ng    | 96       |
| 69) Atrazine                   | 16.98 | 200  | 240279   | 46.372  | ng    | 99       |
| 70) Pentachlorophenol          | 17.17 | 266  | 323176   | 96.444  | ng    | 99       |
| 71) Phenanthrene               | 17.58 | 178  | 1039767  | 43.427  | ng    | 98       |
| 72) Anthracene                 | 17.67 | 178  | 1076293  | 44.721  | ng    | 99       |
| 73) Carbazole                  | 17.94 | 167  | 963726   | 43.952  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 1152200  | 43.537  | ng    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 1326113  | 44.446  | ng    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 274913   | 23.061  | ng    | 99       |
| 78) Pyrene                     | 19.94 | 202  | 1326684  | 48.618  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.82 | 149  | 544036   | 51.152  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1292597  | 46.975  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 241792   | 24.653  | ng    | 100      |
| 83) Chrysene                   | 21.88 | 228  | 1256923  | 48.031  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 746138   | 48.600  | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.95 | 149  | 1274490  | 49.292  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 1569338  | 49.600  | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 1346955  | 47.470  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.21 | 252  | 1286582  | 48.551  | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 1296689  | 48.277  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.19 | 278  | 1289073  | 47.426  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.34 | 276  | 1292624  | 47.784  | ng    | 97       |

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



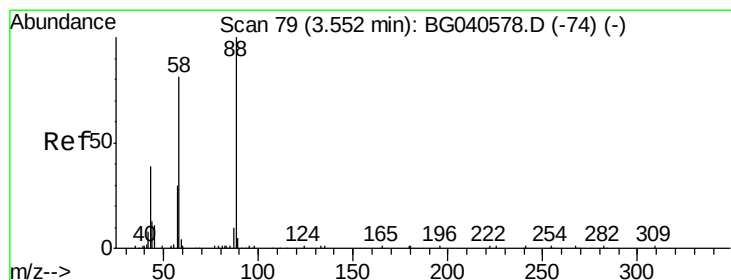
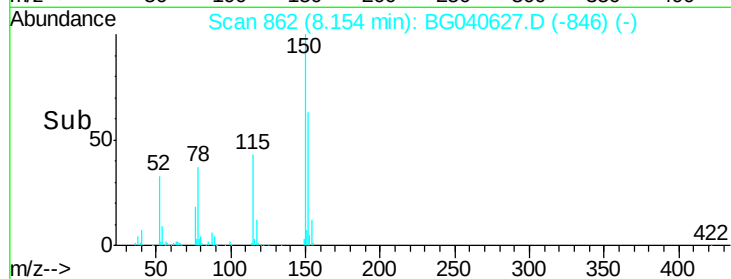
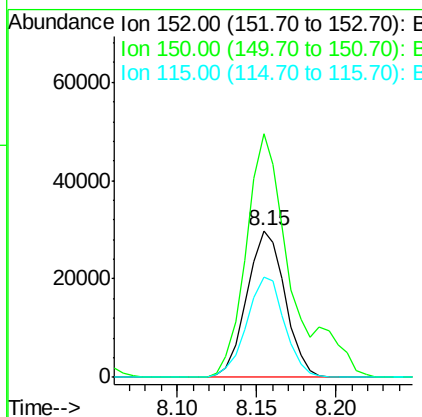
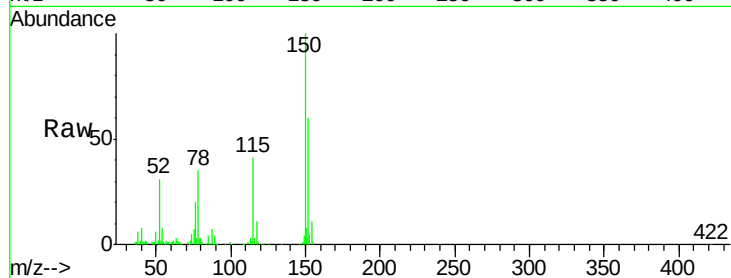


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Instrument :  
BNA\_G  
ClientSampleId :

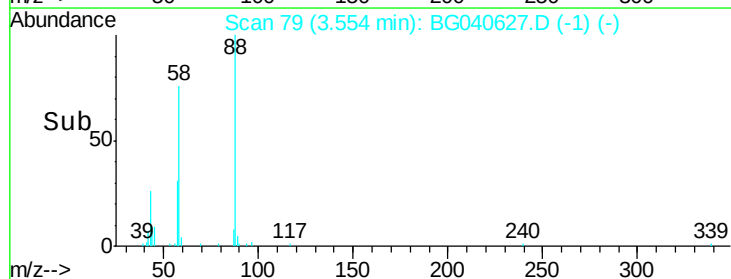
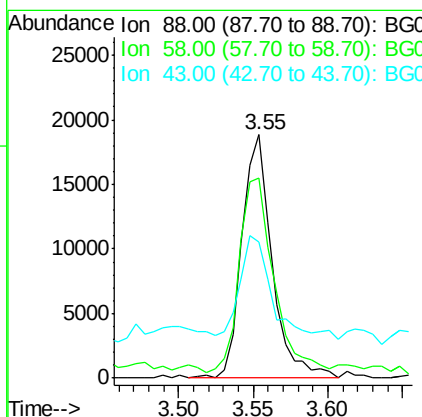
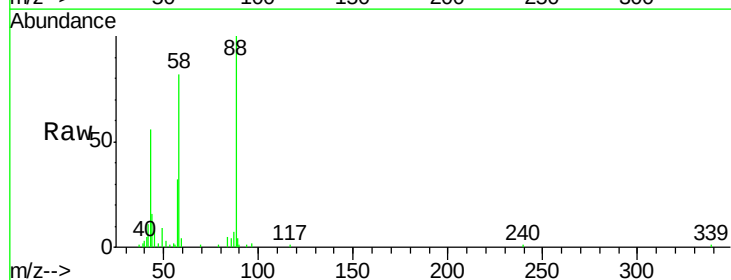
Tot Ion:152 Resp: 49925  
Ion Ratio Lower Upper  
152 100  
150 166.1 120.2 180.2  
115 68.6 46.2 69.2

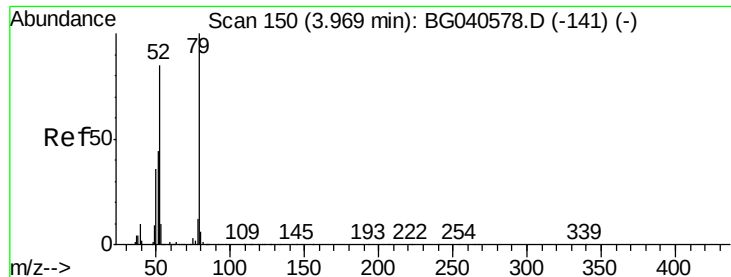


#2

1,4-Dioxane  
Concen: 20.538 ng  
RT: 3.55 min Scan# 79  
Delta R.T. 0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Tgt Ion: 88 Resp: 26454  
Ion Ratio Lower Upper  
88 100  
58 90.6 71.2 106.8  
43 48.1 35.6 53.4





#3

Pvridine

Concen: 16.449 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampled :

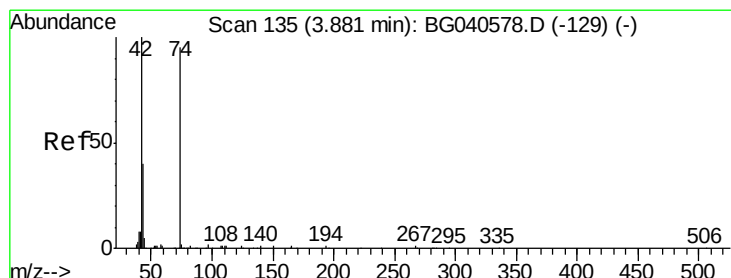
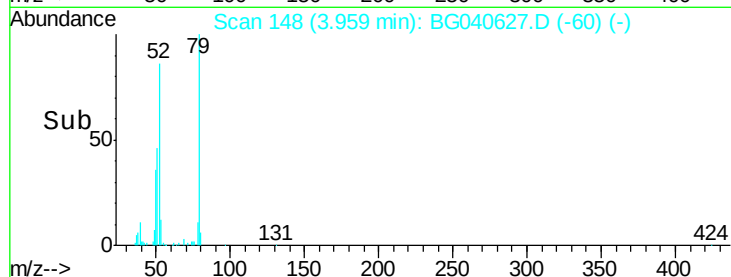
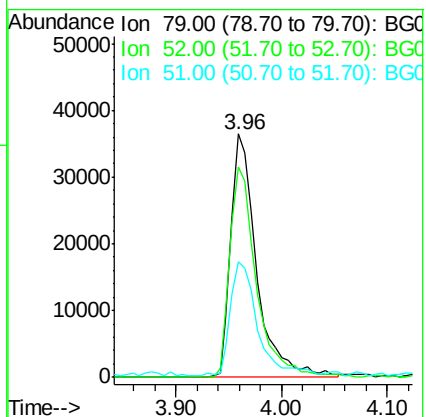
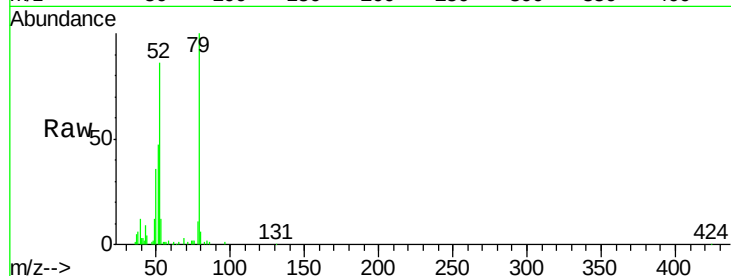
Tot Ion: 79 Resp: 61410

Ion Ratio Lower Upper

79 100

52 86.4 67.5 101.3

51 47.4 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 22.340 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

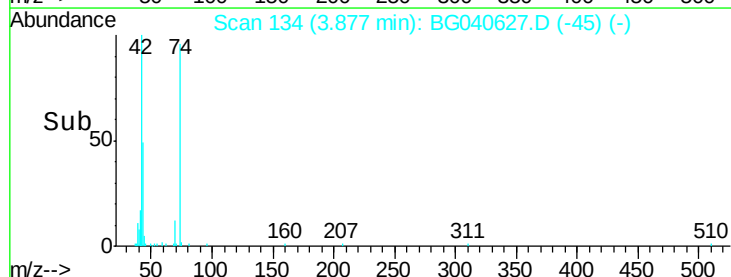
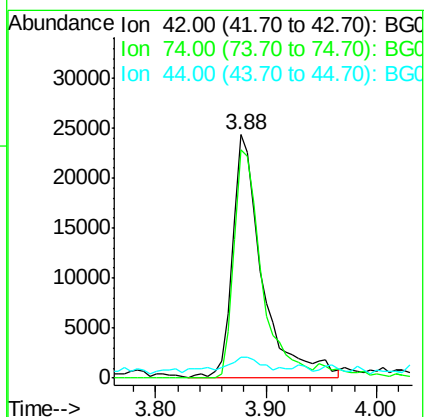
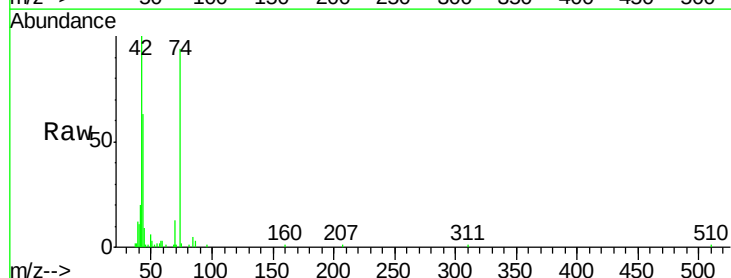
Tgt Ion: 42 Resp: 46261

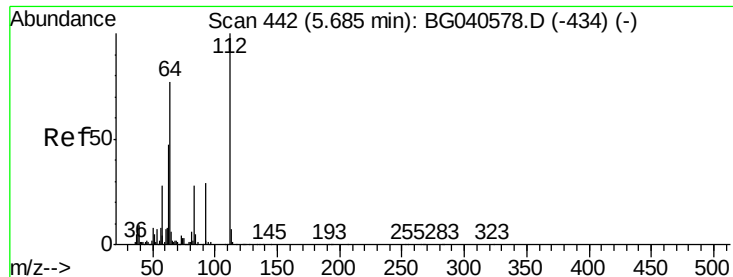
Ion Ratio Lower Upper

42 100

74 94.0 74.6 111.8

44 8.7 7.4 11.0





#5

2-Fluorophenol

Concen: 78.219 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

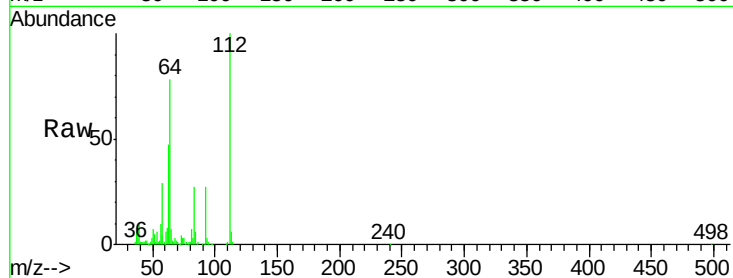
Tot Ion:112 Resp: 221531

Ion Ratio Lower Upper

112 100

64 77.7 61.4 92.0

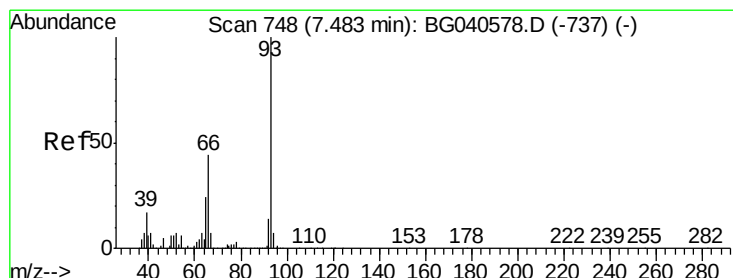
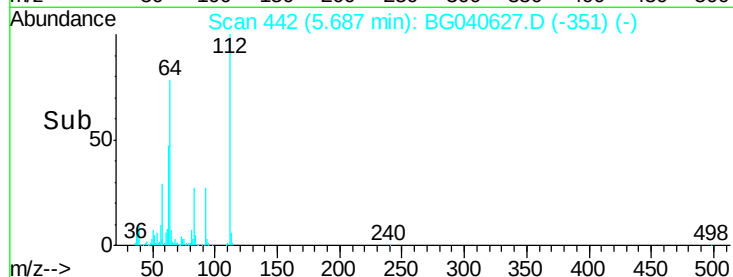
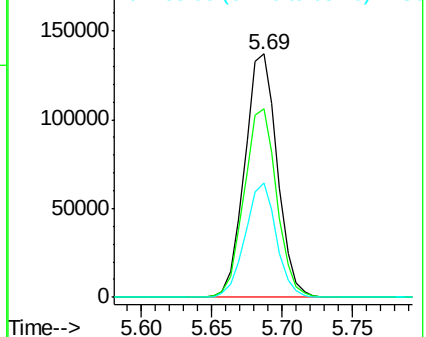
63 47.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.715 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

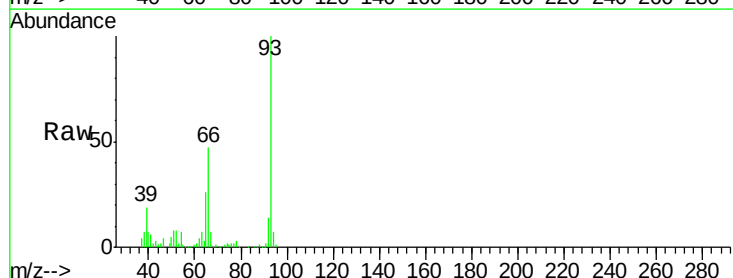
Tgt Ion: 93 Resp: 113951

Ion Ratio Lower Upper

93 100

66 47.0 35.5 53.3

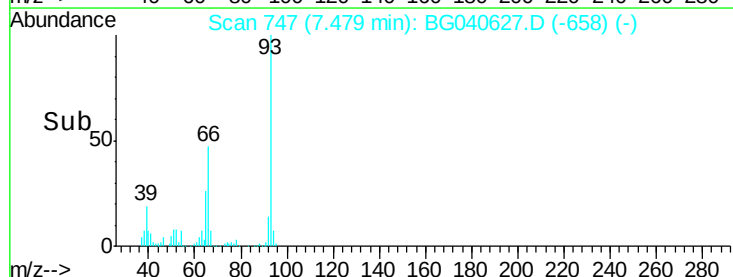
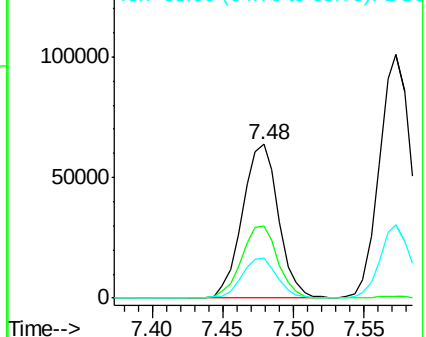
65 26.3 19.2 28.8

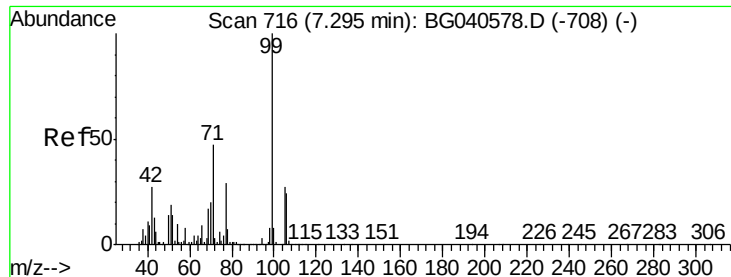


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 50.881 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

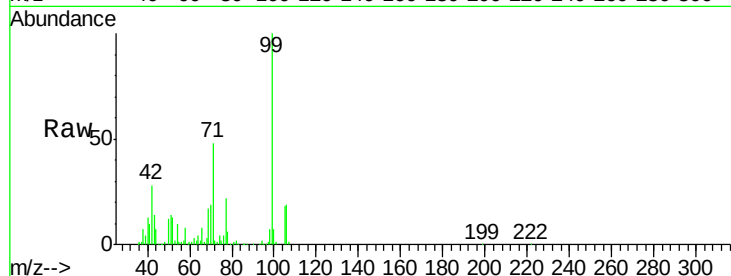
Tot Ion: 99 Resp: 221881

Ion Ratio Lower Upper

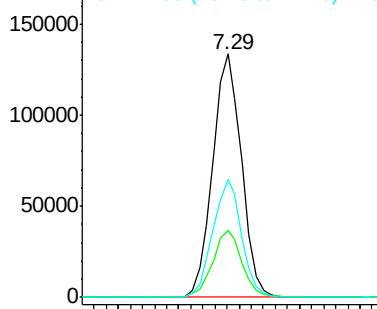
99 100

42 27.5 21.8 32.8

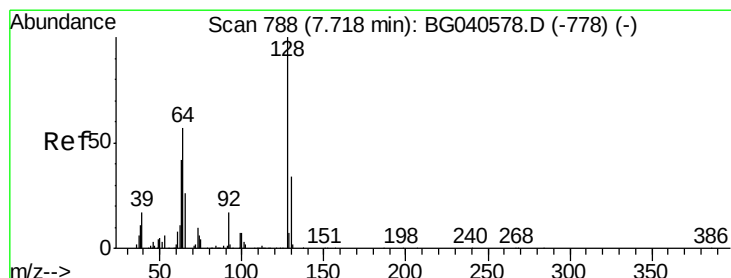
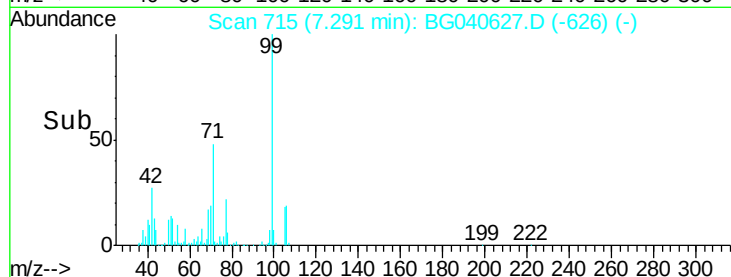
71 48.3 38.6 57.8



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



Time-->



#8

2-Chlorophenol

Concen: 39.322 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

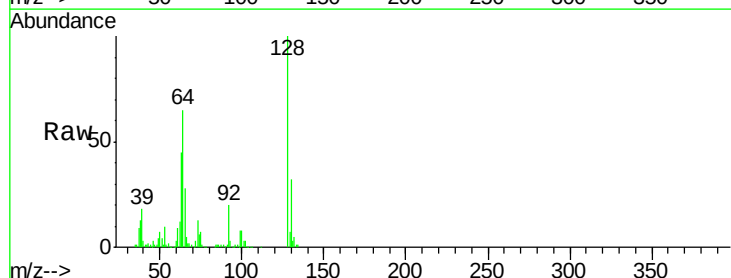
Tgt Ion: 128 Resp: 135984

Ion Ratio Lower Upper

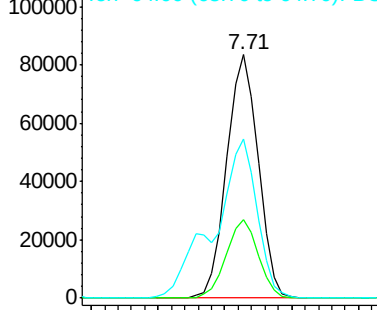
128 100

130 32.2 14.5 54.5

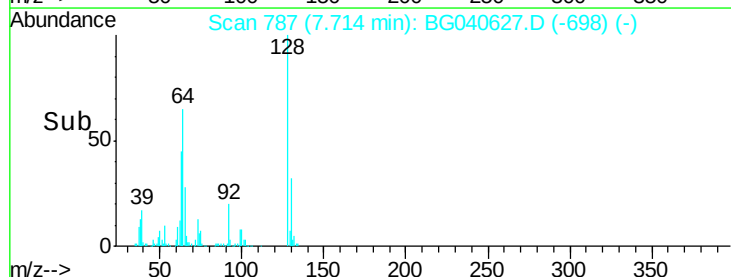
64 65.1 38.4 78.4



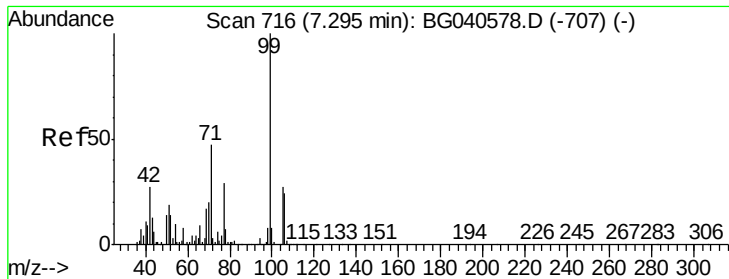
Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC



Time-->







#9

Benzaldehyde

Concen: 15.217 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampled :

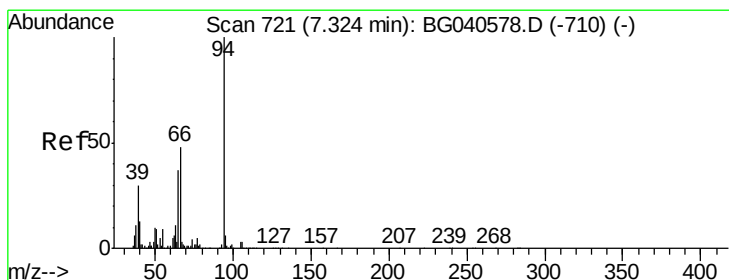
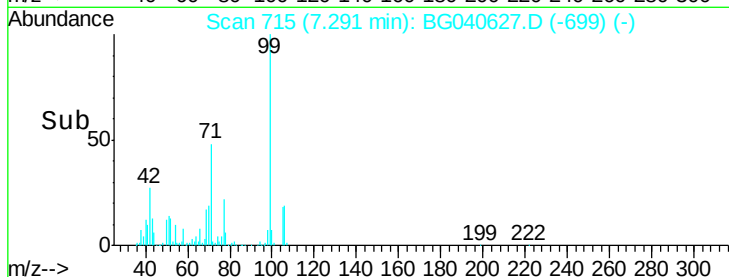
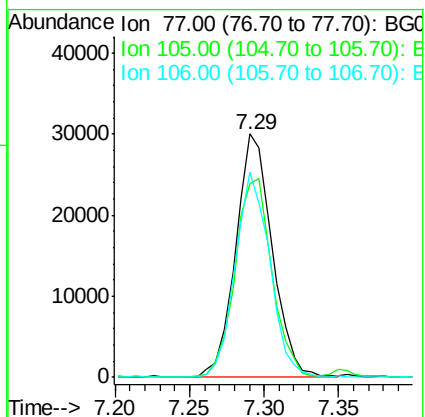
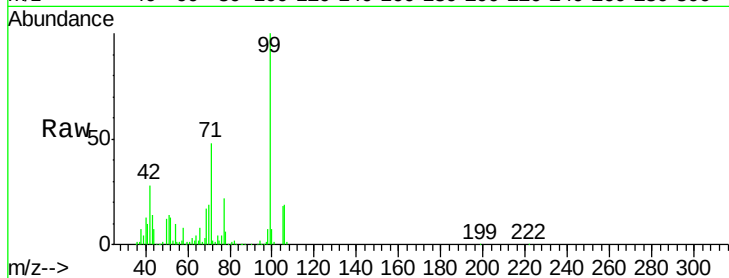
Tot Ion: 77 Resp: 50901

Ion Ratio Lower Upper

77 100

105 79.8 72.0 112.0

106 84.5 61.2 101.2



#10

Phenol

Concen: 17.113 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

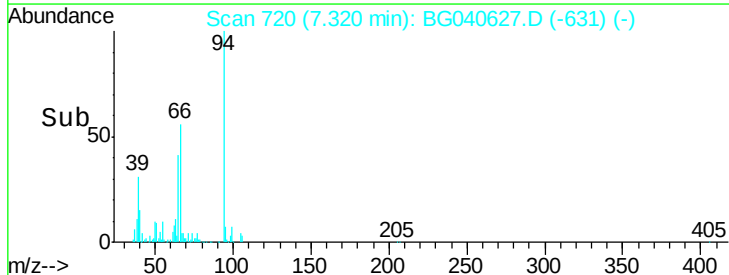
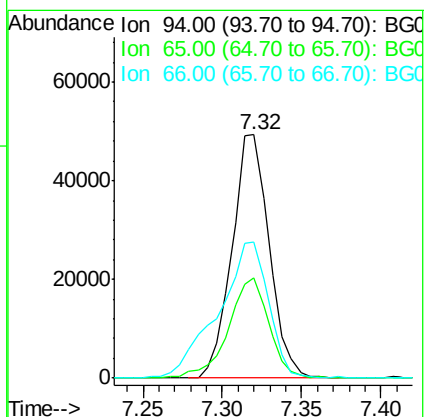
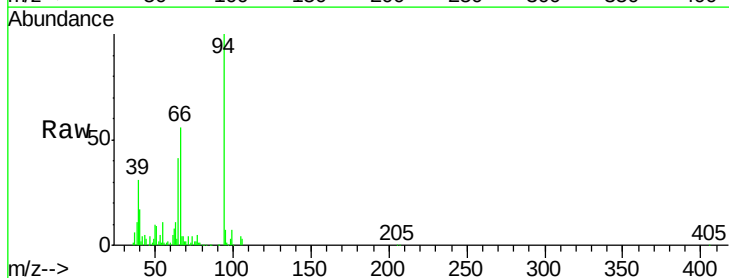
Tgt Ion: 94 Resp: 80219

Ion Ratio Lower Upper

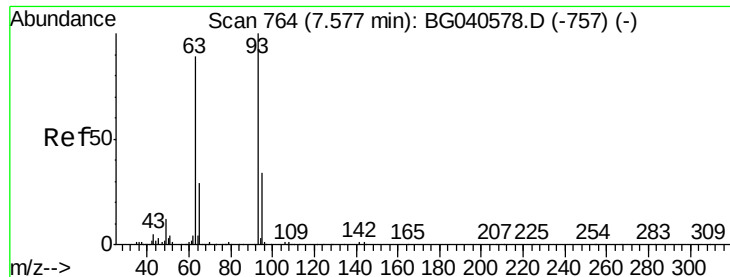
94 100

65 41.1 17.0 57.0

66 56.1 28.6 68.6







#11

bis(2-Chloroethyl)ether

Concen: 45.072 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

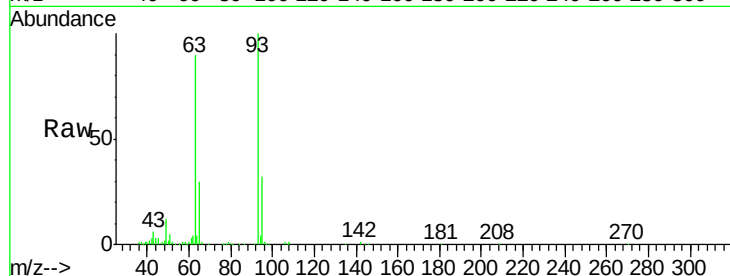
Tot Ion: 93 Resp: 158436

Ion Ratio Lower Upper

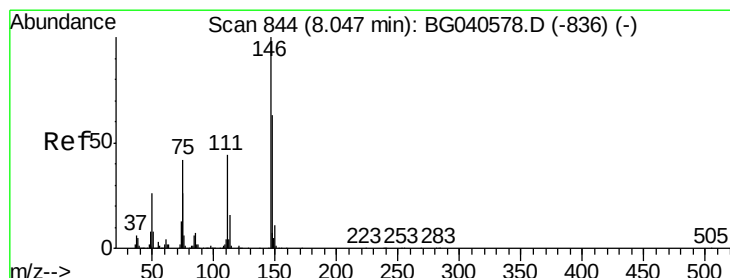
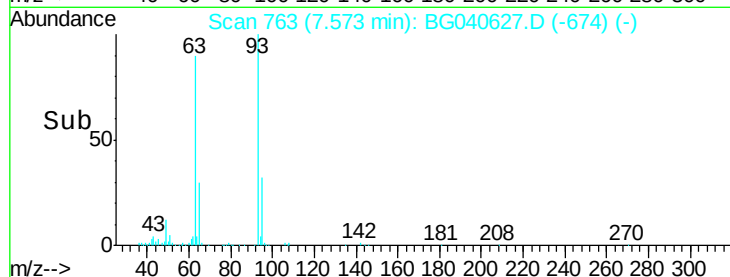
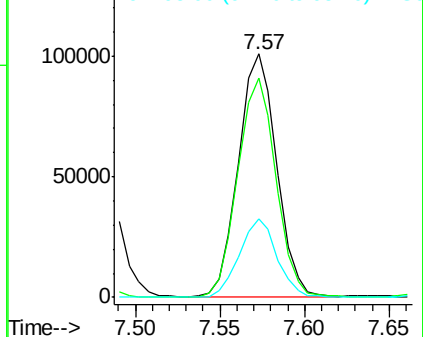
93 100

63 90.3 68.2 108.2

95 32.2 14.3 54.3



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.112 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

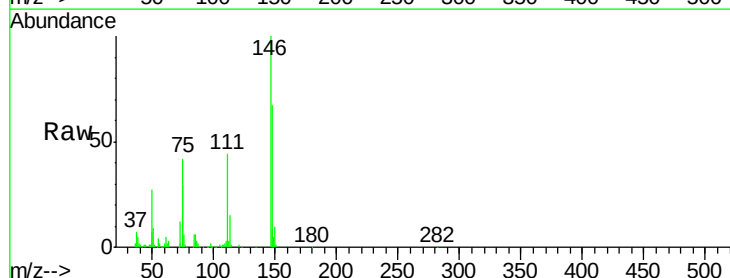
Tgt Ion: 146 Resp: 140082

Ion Ratio Lower Upper

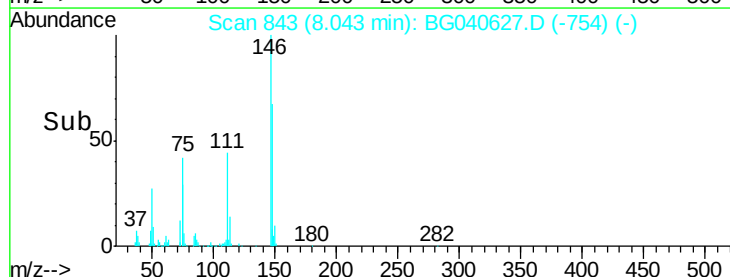
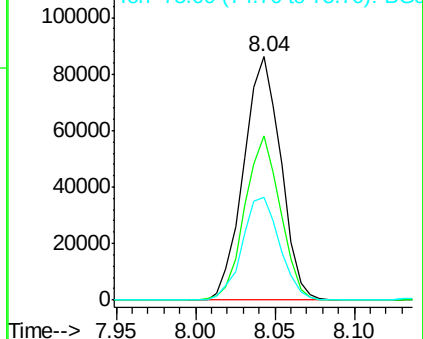
146 100

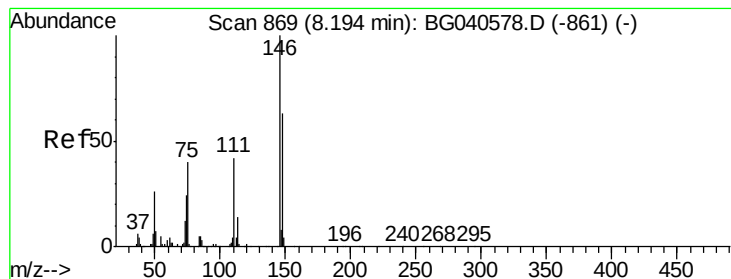
148 67.4 50.7 76.1

75 42.3 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.808 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

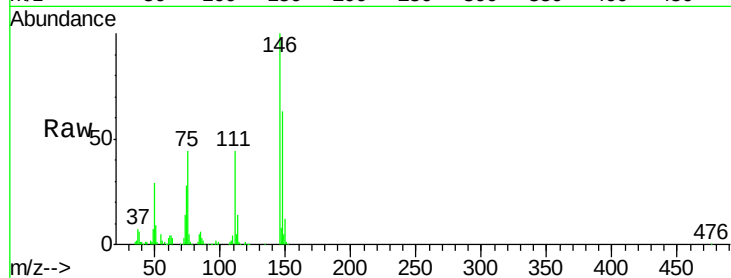
Tot Ion:146 Resp: 144670

Ion Ratio Lower Upper

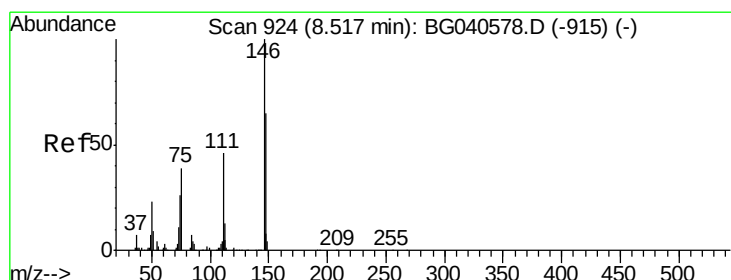
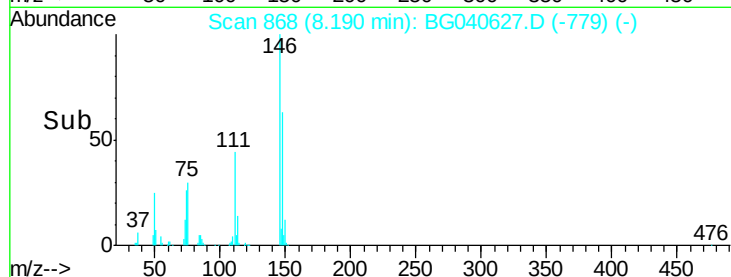
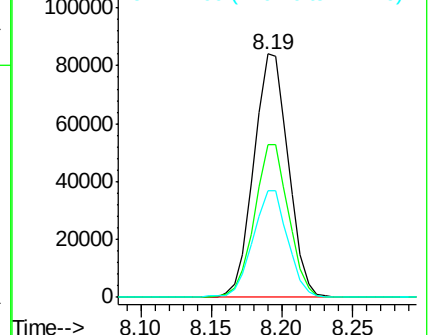
146 100

148 62.8 50.6 75.8

111 43.8 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: 37.289 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

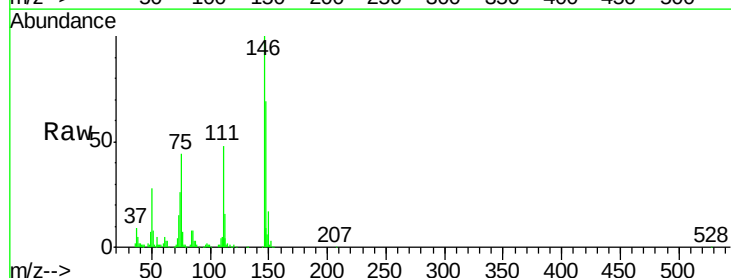
Tgt Ion:146 Resp: 137604

Ion Ratio Lower Upper

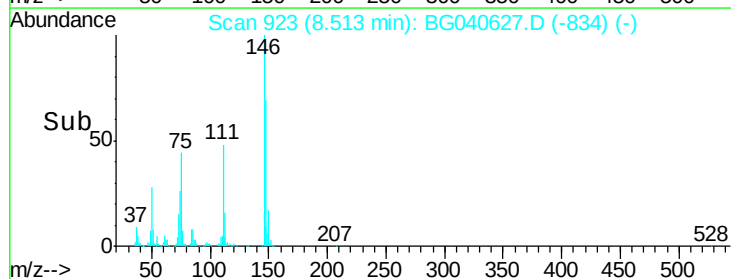
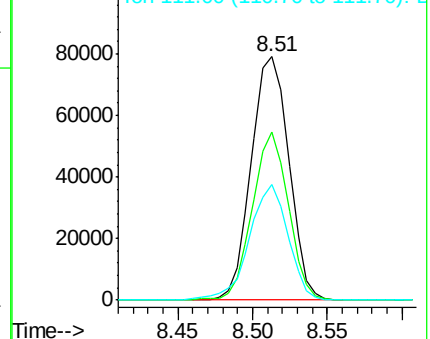
146 100

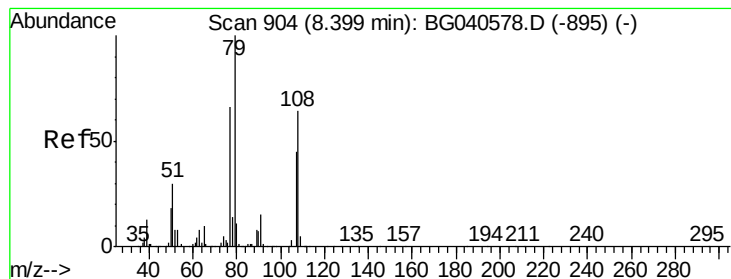
148 68.9 52.2 78.4

111 47.7 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: 33.342 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

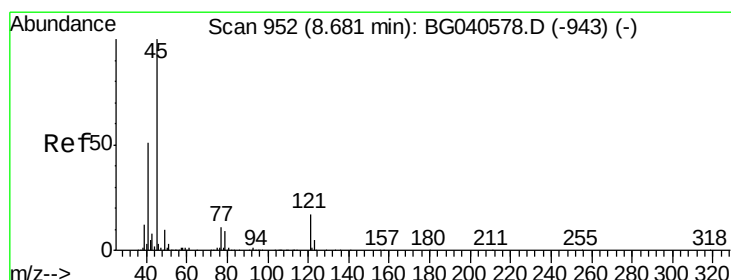
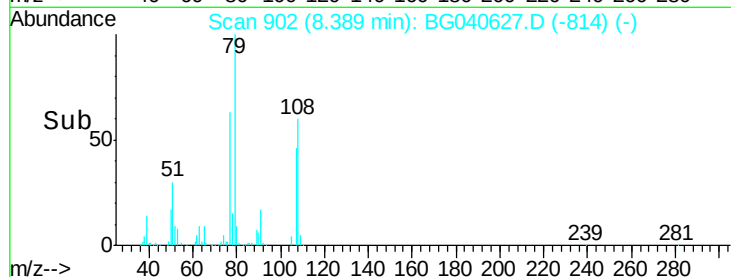
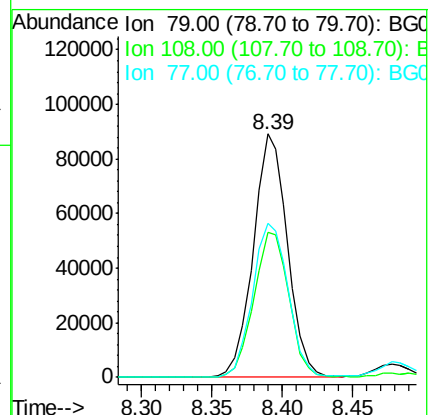
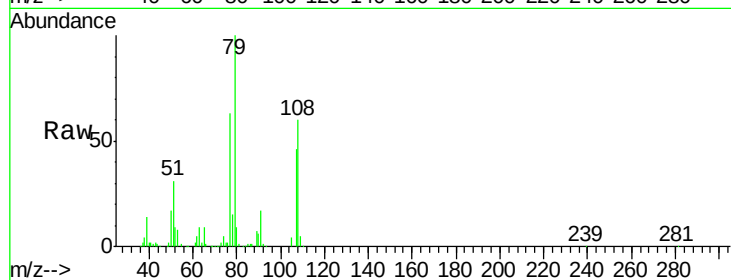
Tot Ion: 79 Resp: 151286

Ion Ratio Lower Upper

79 100

108 59.5 51.4 77.0

77 63.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.216 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

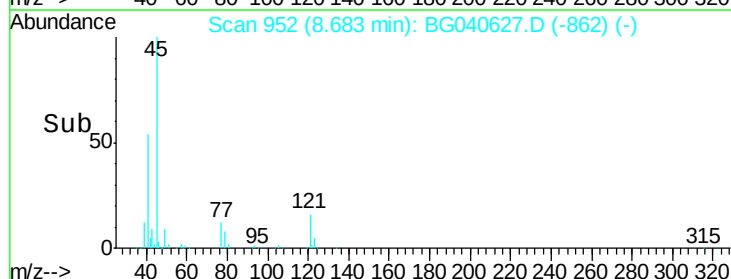
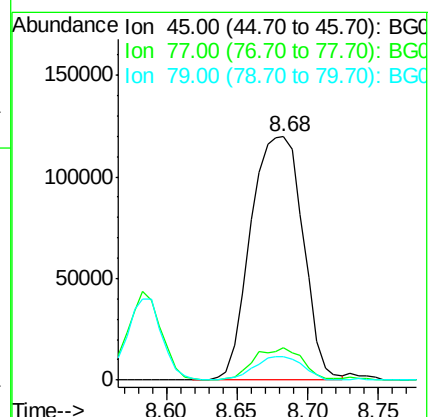
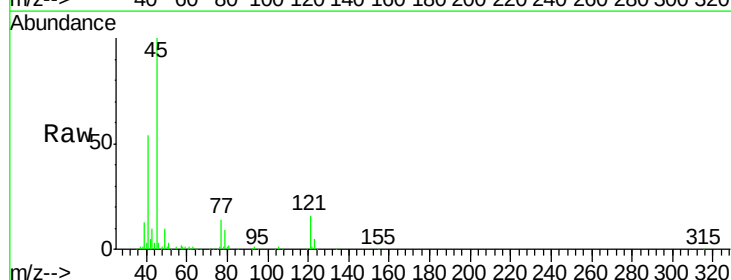
Tgt Ion: 45 Resp: 309447

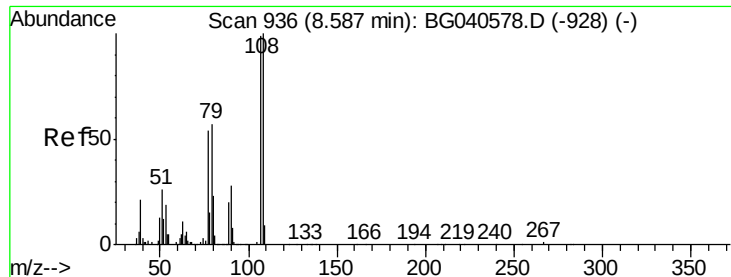
Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.5

79 9.5 0.0 29.4





#17

2-Methylphenol

Concen: 35.440 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 117568

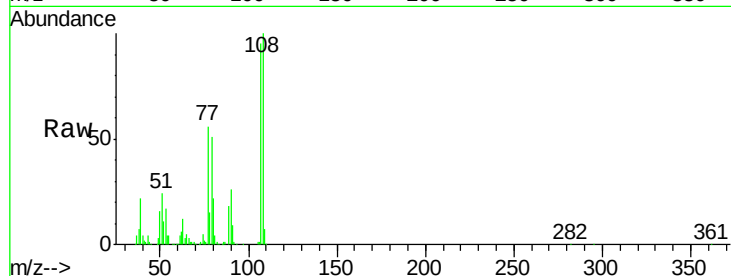
Ion Ratio Lower Upper

107 100

108 105.0 81.2 121.8

77 59.2 44.4 66.6

79 53.7 47.0 70.4

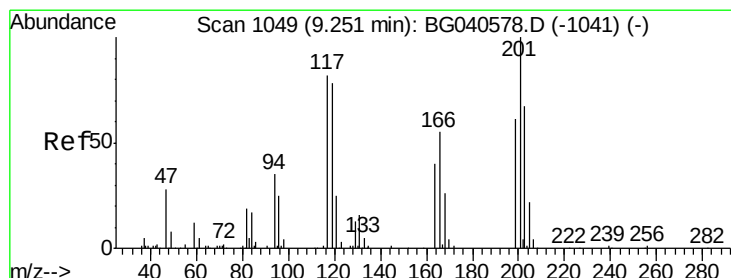
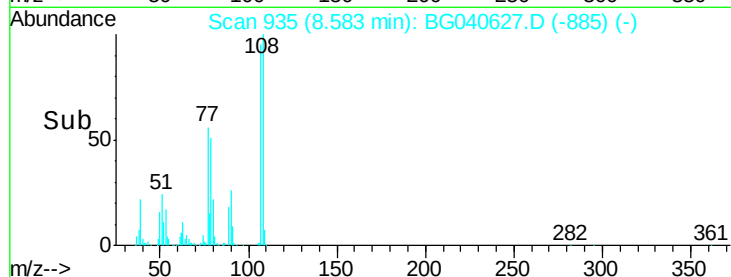
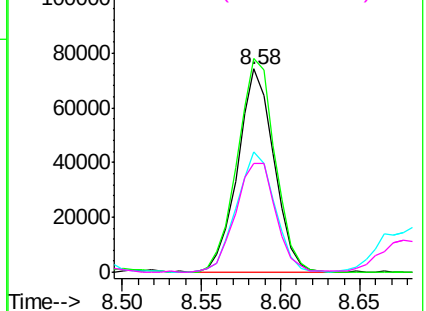


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.972 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

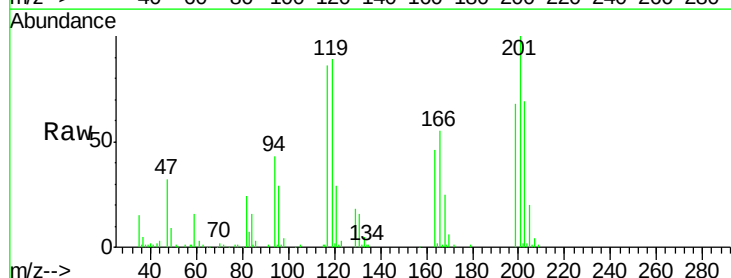
Tgt Ion:117 Resp: 54894

Ion Ratio Lower Upper

117 100

119 103.5 76.6 114.8

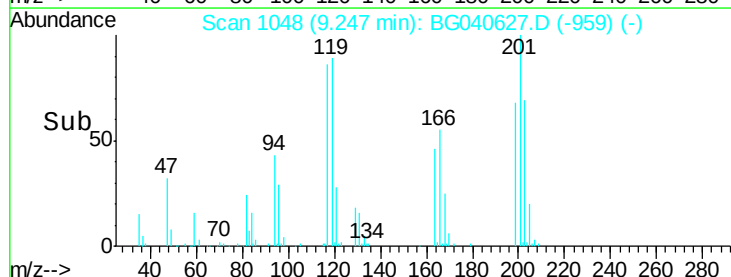
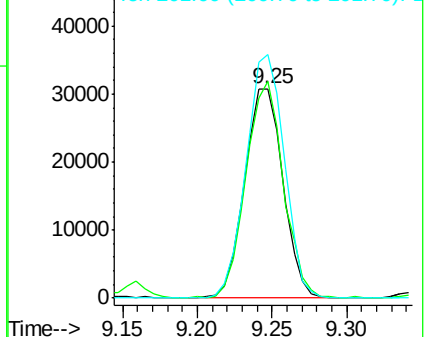
201 118.4 101.0 151.6

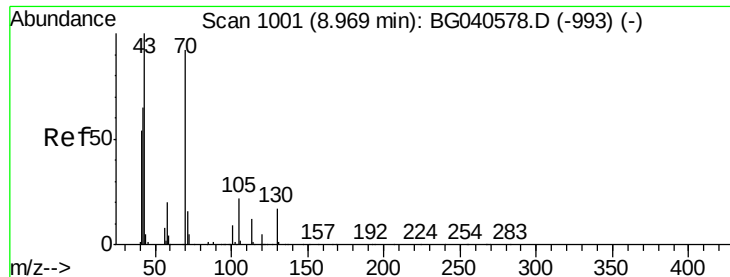


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

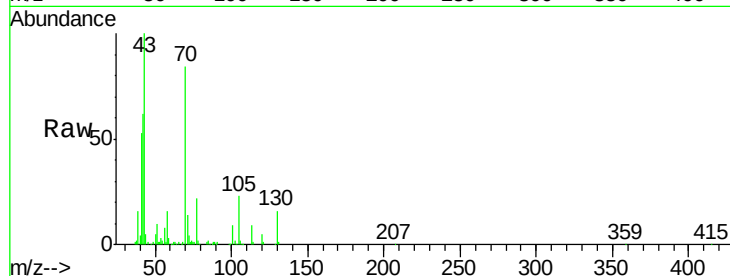




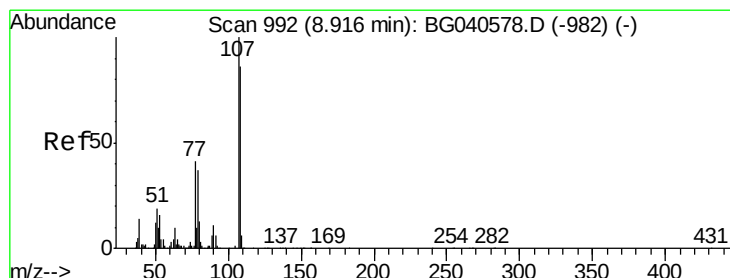
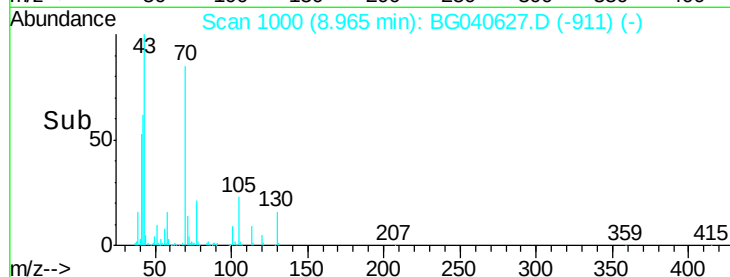
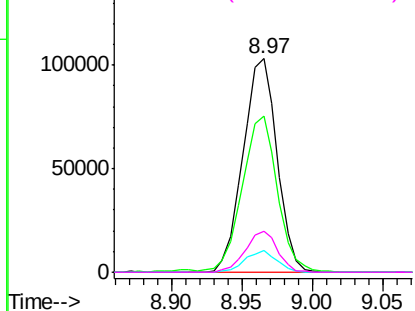
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.208 ng  
RT: 8.97 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 70 Resp: 173538  
Ion Ratio Lower Upper  
70 100  
42 73.3 57.1 85.7  
101 10.2 7.8 11.8  
130 19.3 14.6 21.8

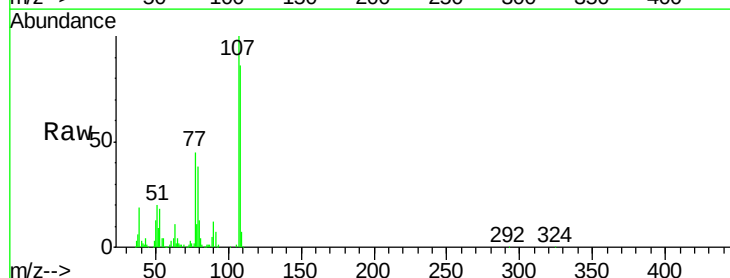


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

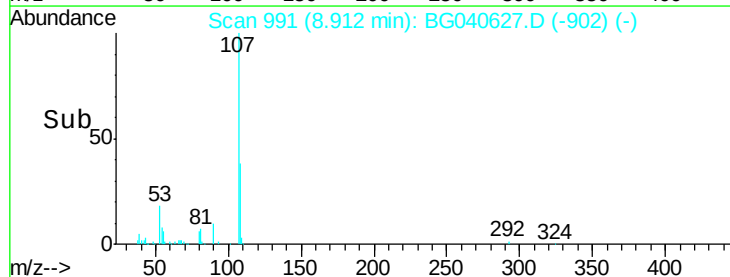
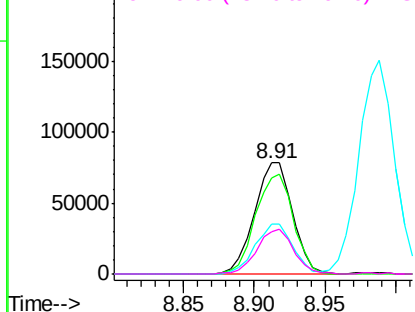


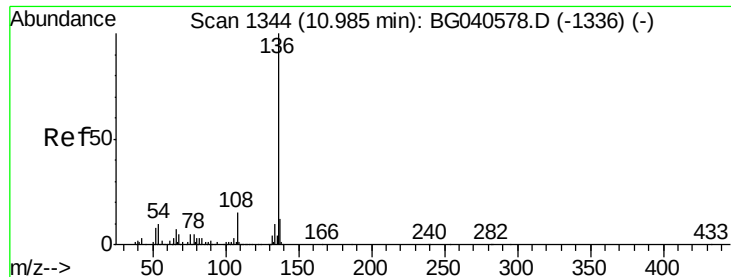
#20  
3+4-Methylphenols  
Concen: 32.042 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Tgt Ion: 107 Resp: 148076  
Ion Ratio Lower Upper  
107 100  
108 85.8 66.1 106.1  
77 44.8 21.6 61.6  
79 37.6 17.4 57.4



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

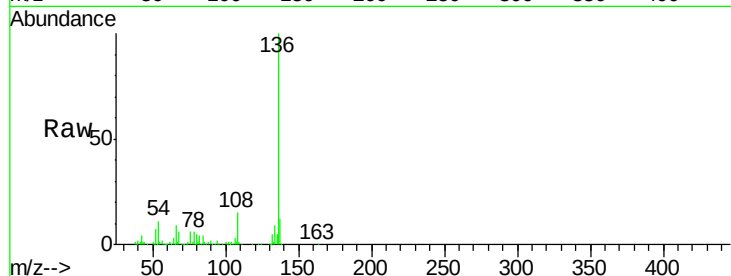




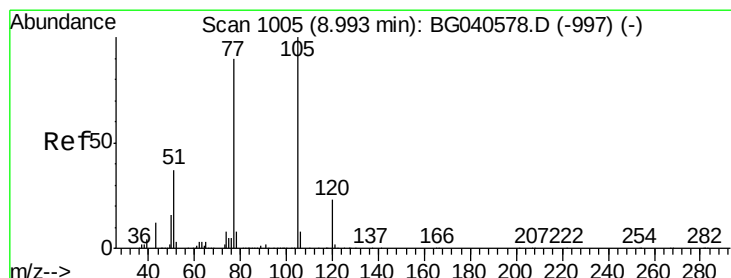
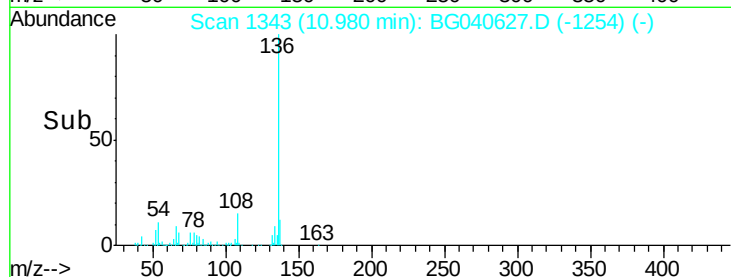
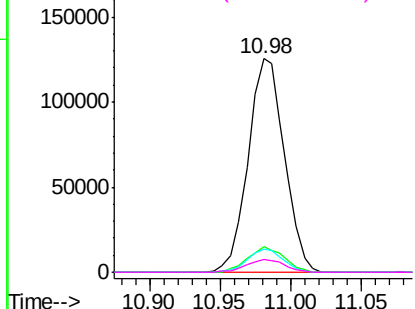
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 225859 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 12.2    | 9.7   | 14.5   |
| 54 10.6     | 8.6   | 12.8   |
| 68 6.2      | 4.8   | 7.2    |

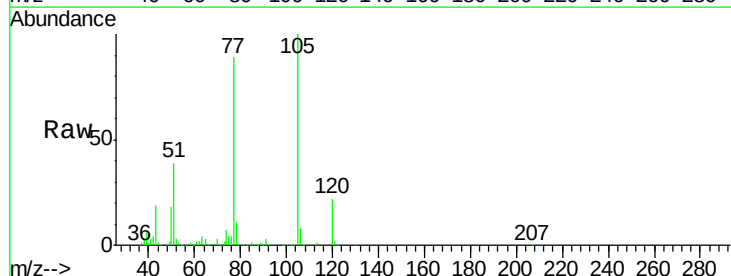


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

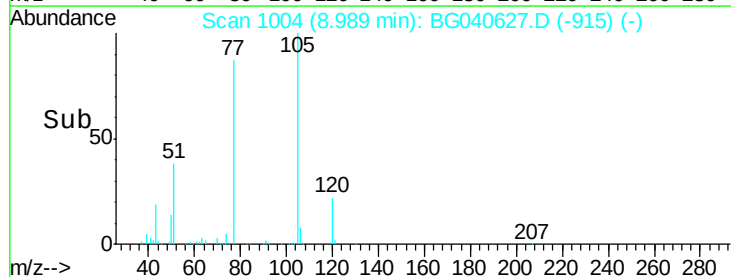
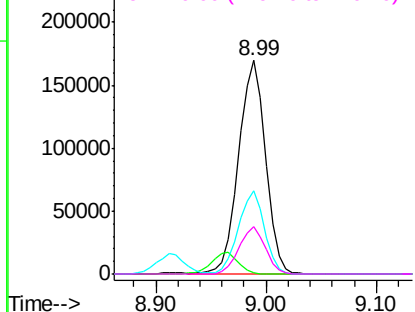


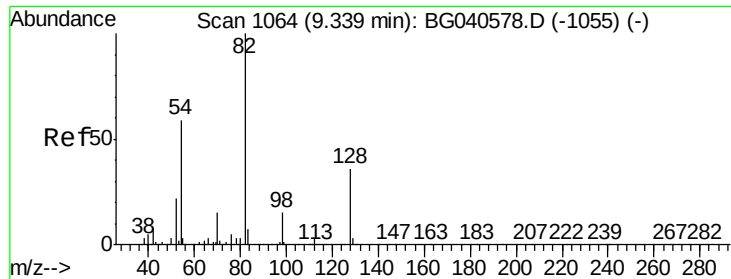
#22  
Acetophenone  
Concen: 46.469 ng  
RT: 8.99 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 291849 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.4     | 1.8   | 2.8#   |
| 51  | 38.9    | 29.8  | 44.8   |
| 120 | 22.0    | 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

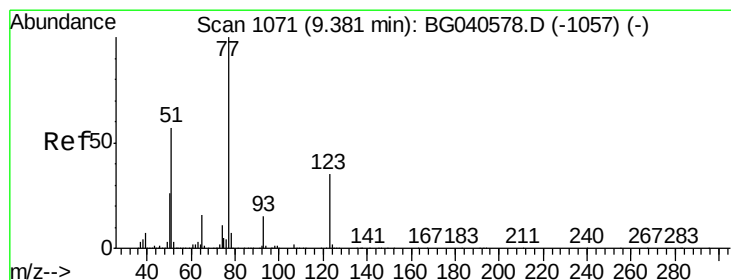
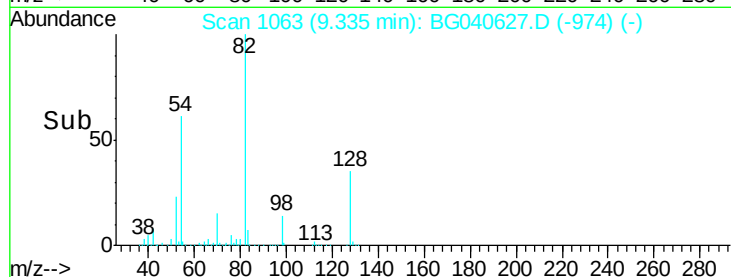
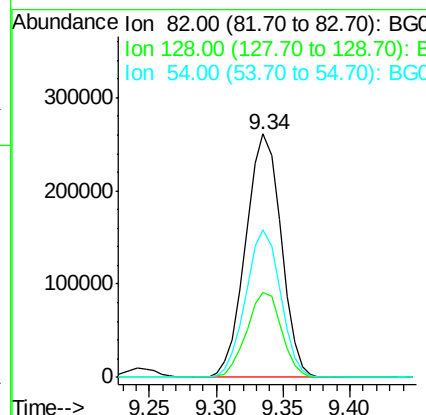
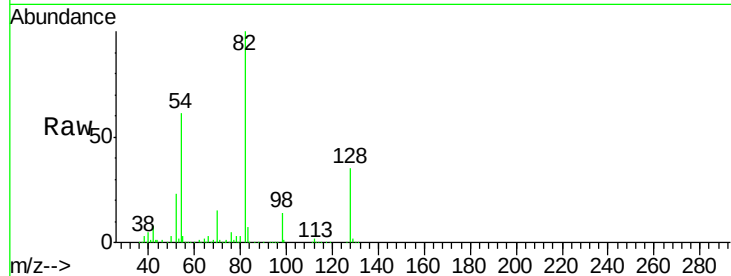




#23  
 Nitrobenzene-d5  
 Concen: 98.062 ng  
 RT: 9.34 min Scan# 1063  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

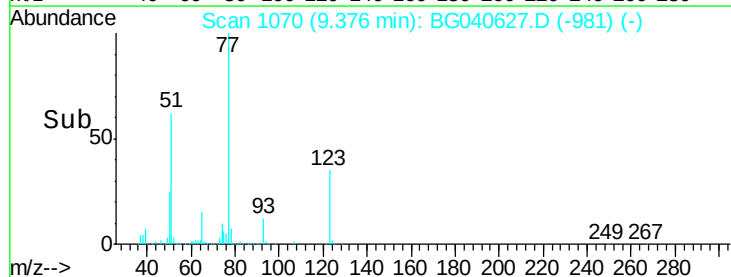
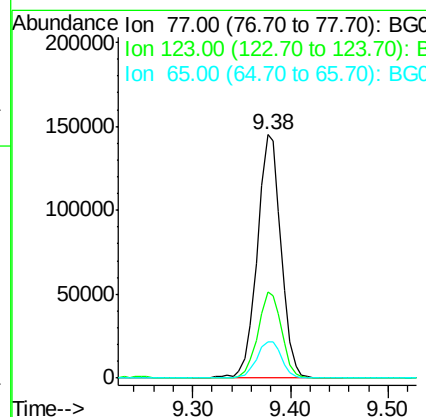
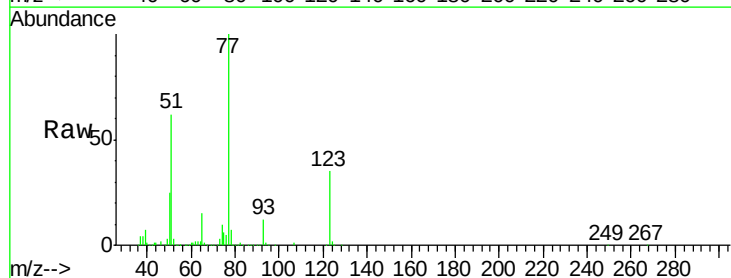
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 479334 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.8  | 28.9  | 43.3   |
| 54        | 60.7  | 47.2  | 70.8   |

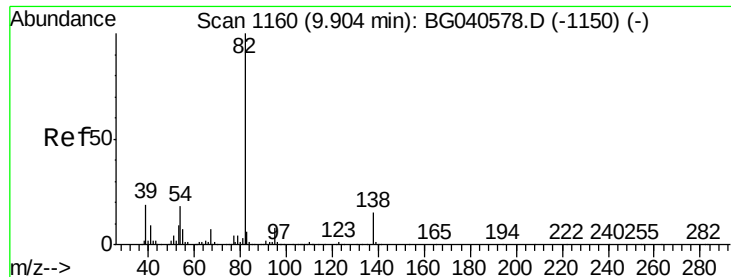


#24  
 Nitrobenzene  
 Concen: 47.715 ng  
 RT: 9.38 min Scan# 1070  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion   | 77    | Resp  | 248850 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 35.4  | 27.8  | 41.6   |
| 65        | 15.1  | 12.4  | 18.6   |







#25

Isophorone

Concen: 44.682 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

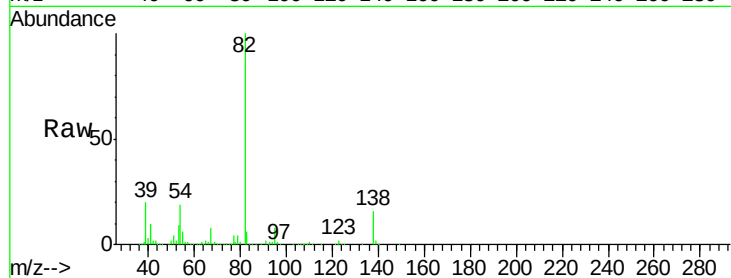
Tot Ion: 82 Resp: 486504

Ion Ratio Lower Upper

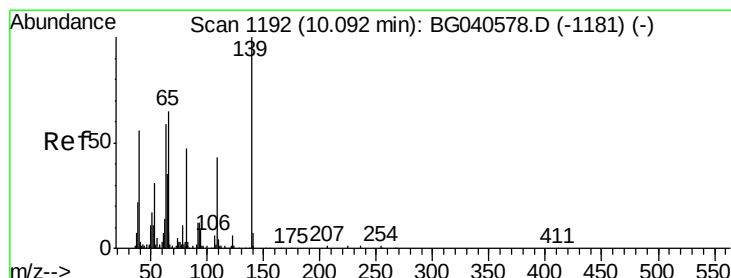
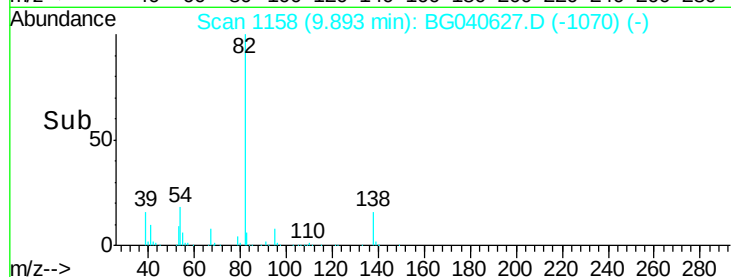
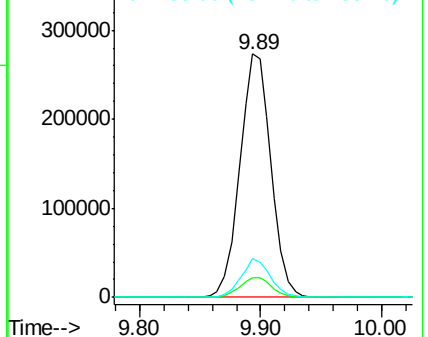
82 100

95 8.2 6.9 10.3

138 15.9 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: 50.736 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

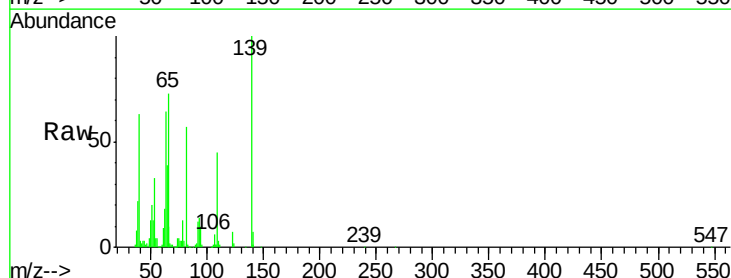
Tgt Ion: 139 Resp: 94849

Ion Ratio Lower Upper

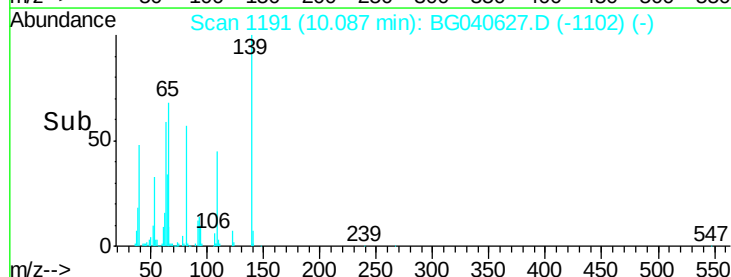
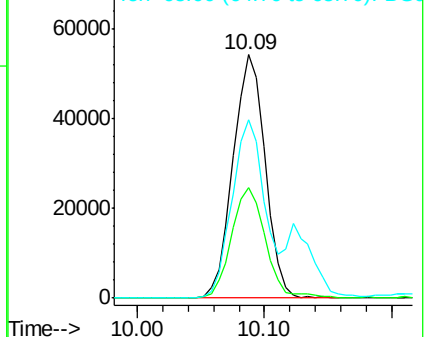
139 100

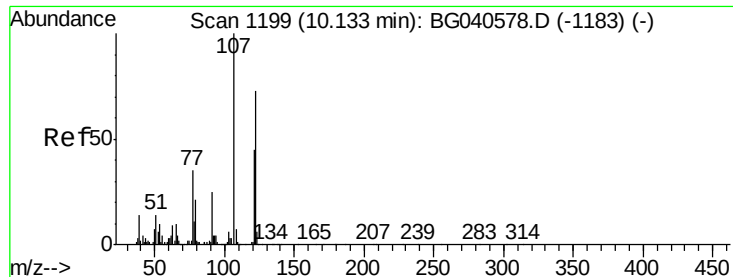
109 45.2 35.6 53.4

65 73.4 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: 47.945 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

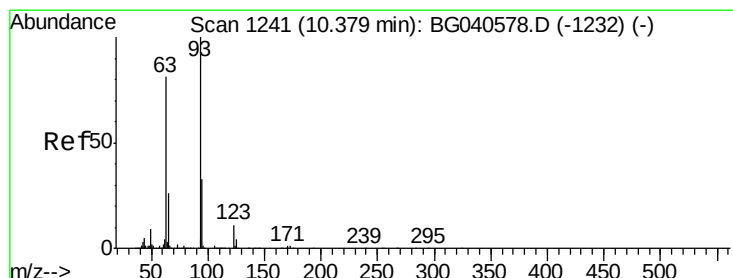
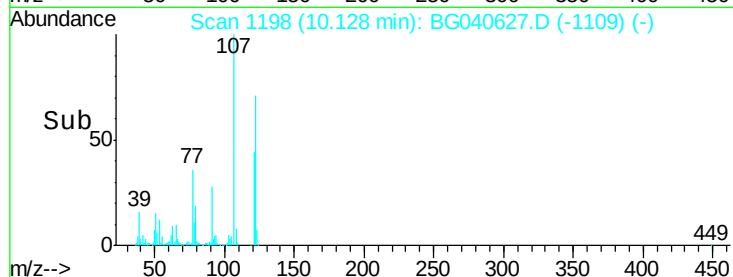
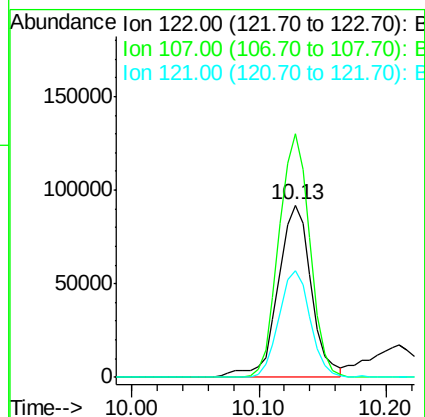
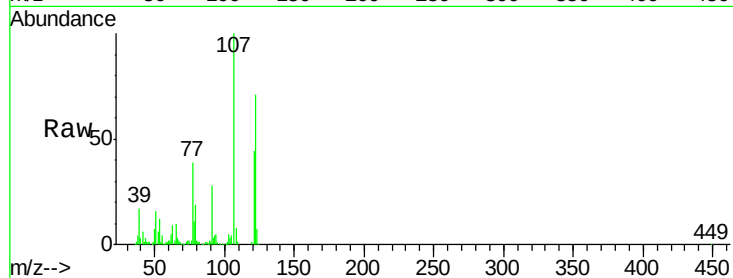
Tot Ion:122 Resp: 168174

Ion Ratio Lower Upper

122 100

107 141.5 110.1 165.1

121 61.6 49.4 74.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.133 ng

RT: 10.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

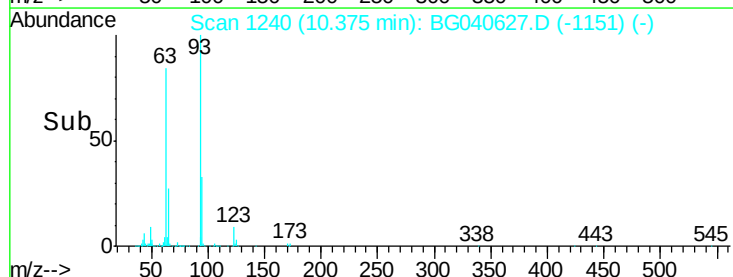
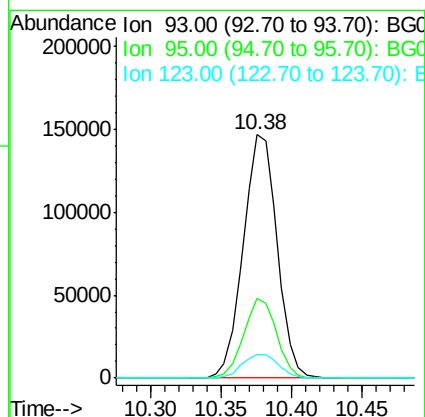
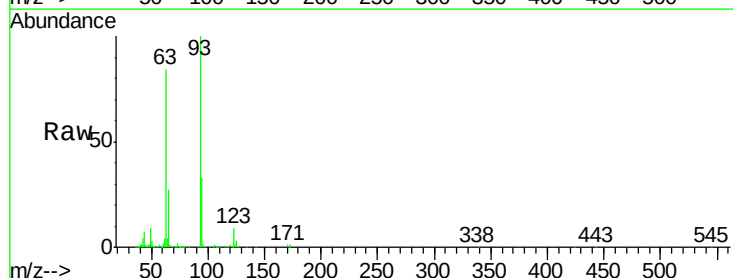
Tgt Ion: 93 Resp: 246552

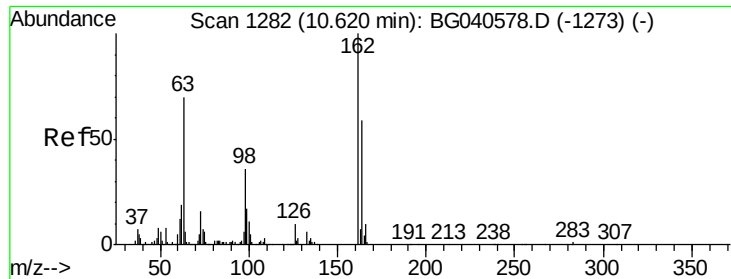
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 9.4 9.0 13.4

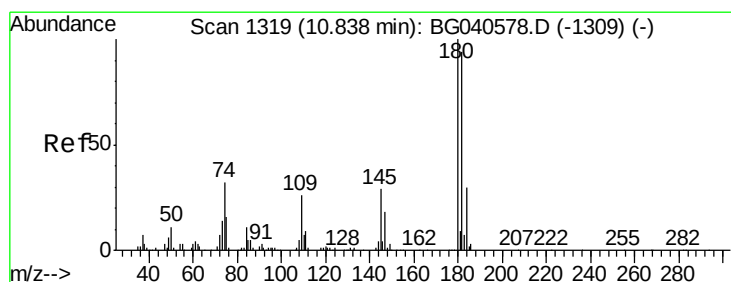
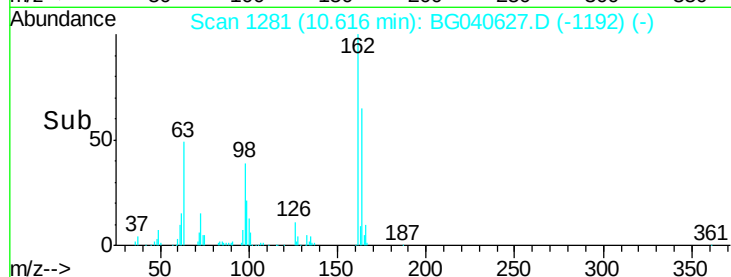
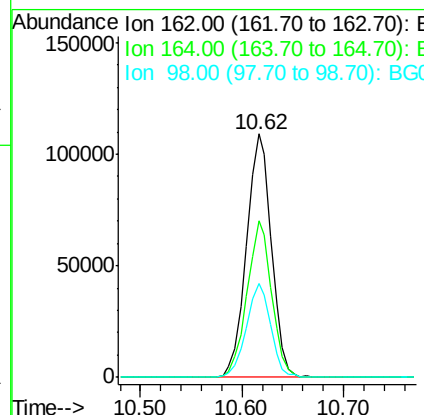
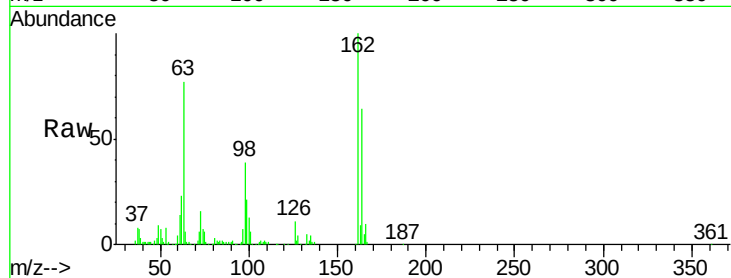




#29  
 2,4-Dichlorophenol  
 Concen: 46.445 ng  
 RT: 10.62 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

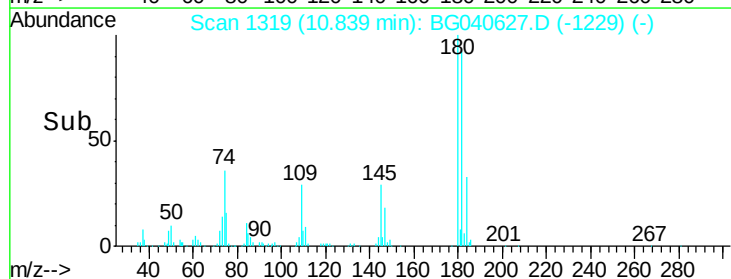
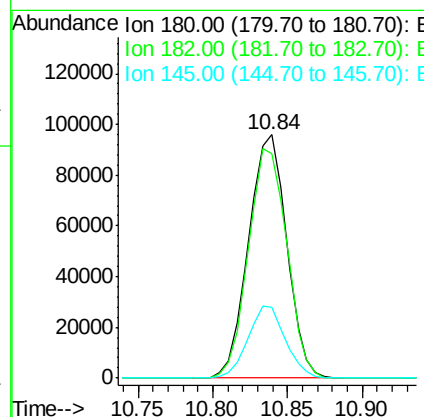
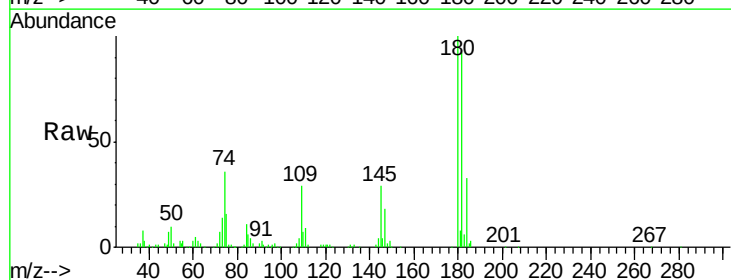
Instrument :  
 BNA\_G  
 ClientSampled :

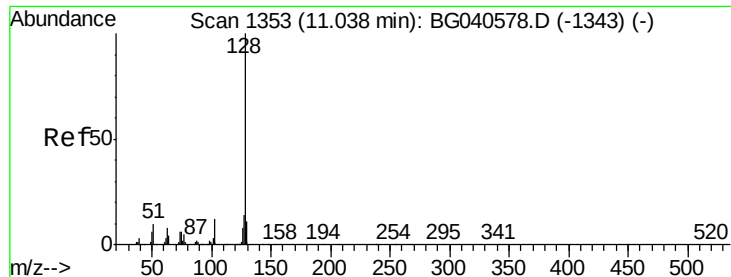
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.4  | 38.9  | 78.9  |
| 98      | 38.8  | 16.8  | 56.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.406 ng  
 RT: 10.84 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.0  | 75.2  | 112.8 |
| 145     | 29.1  | 23.6  | 35.4  |

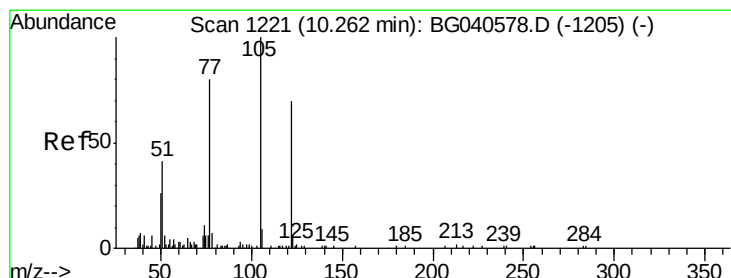
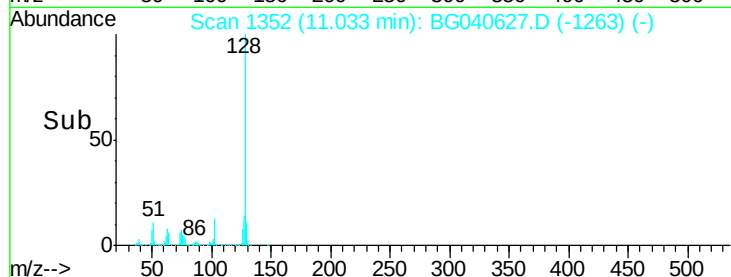
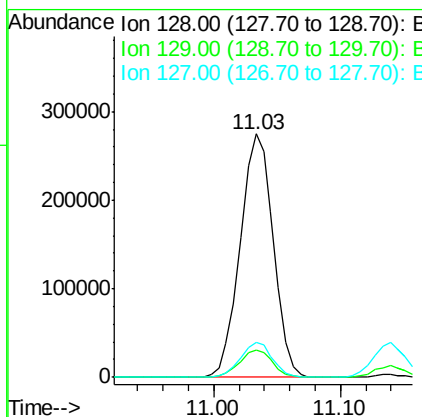
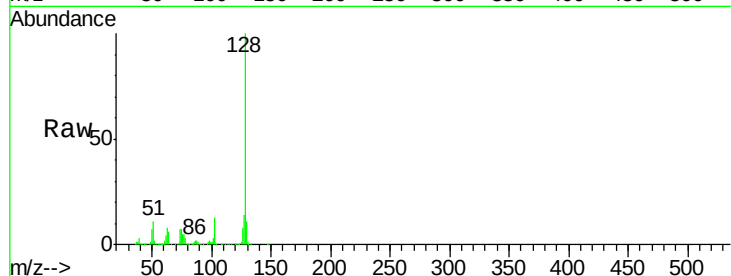




#31  
Naphthalene  
Concen: 41.327 ng  
RT: 11.03 min Scan# 1352  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

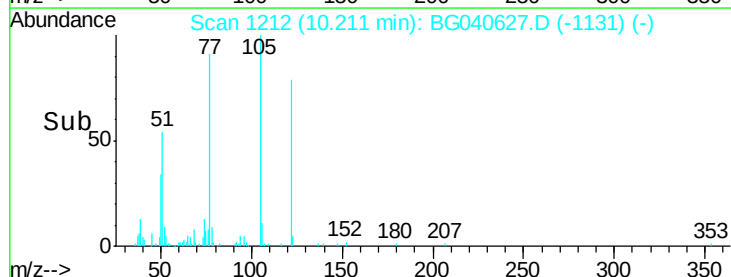
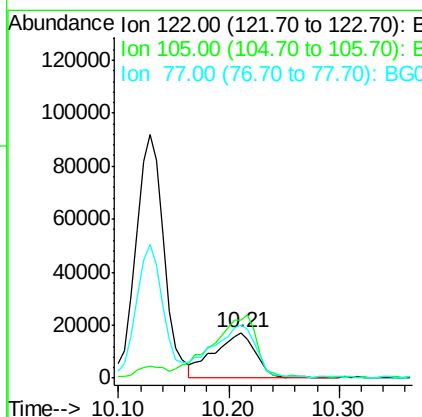
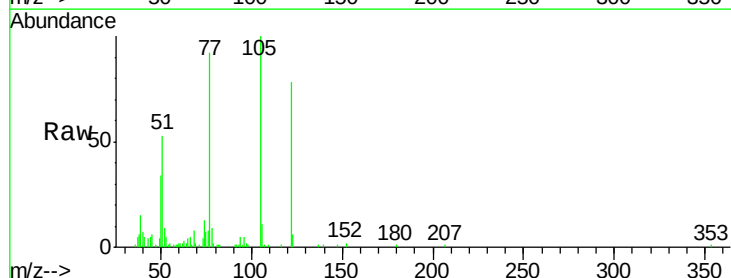
Instrument :  
BNA\_G  
ClientSampleId :

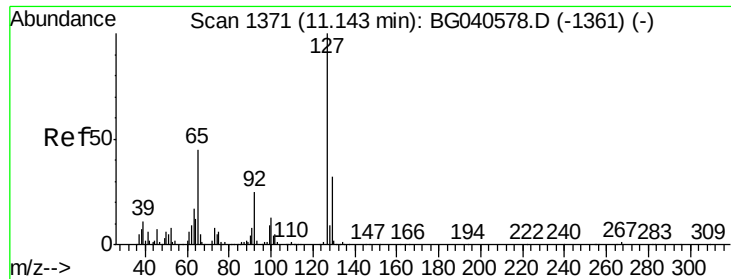
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.6  |
| 127     | 14.4  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 19.011 ng  
RT: 10.21 min Scan# 1212  
Delta R.T. -0.05 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.2 | 110.9 | 150.9 |
| 77      | 117.5 | 87.6  | 127.6 |

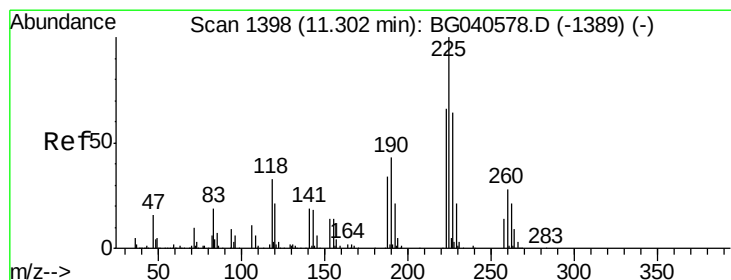
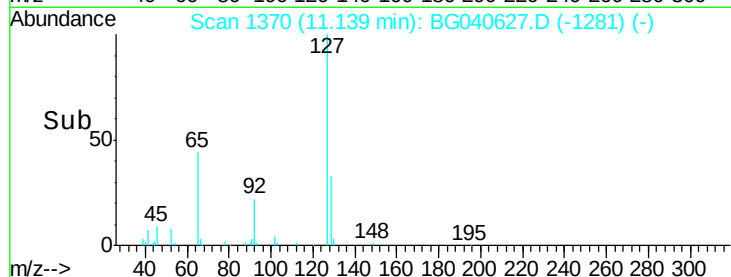
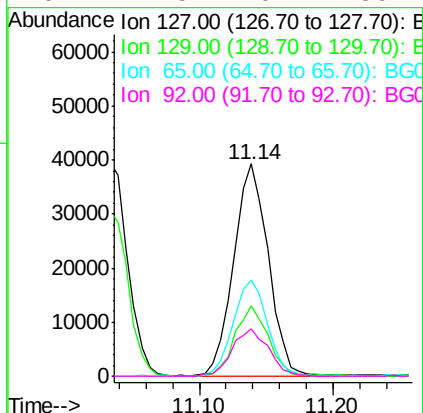
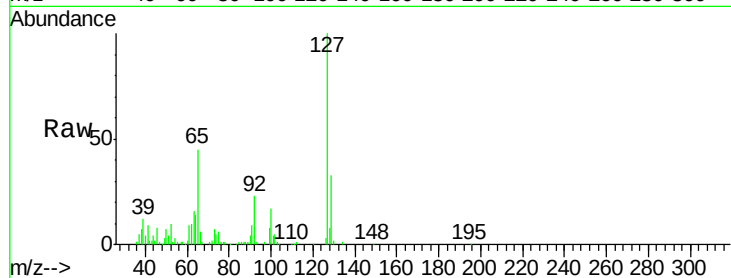




#33  
4-Chloroaniline  
Concen: 13.290 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

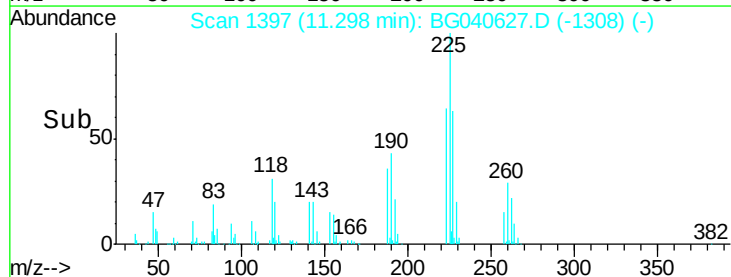
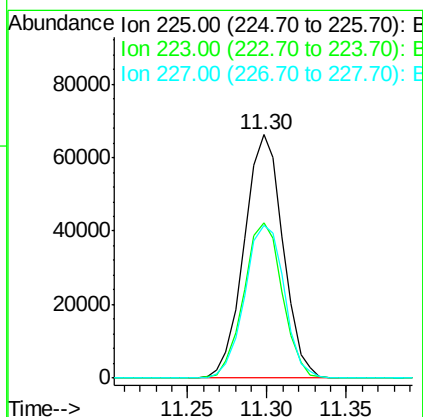
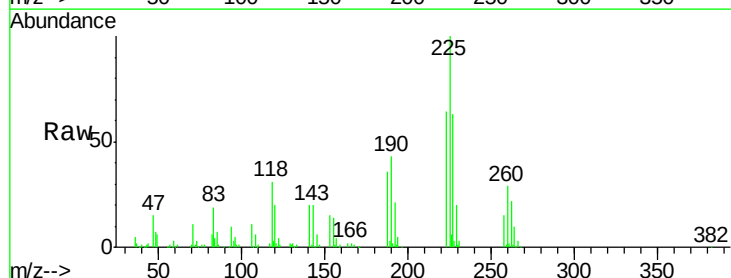
Instrument :  
BNA\_G  
ClientSampleId :

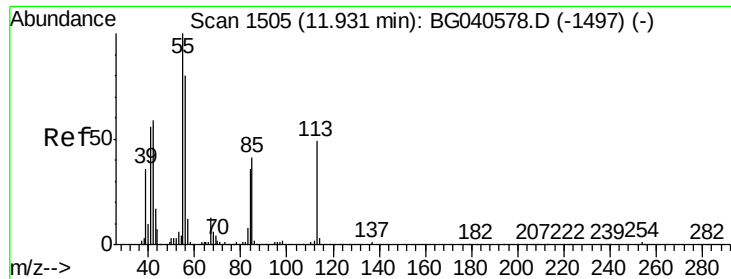
|             |       |       |
|-------------|-------|-------|
| Tot Ion:127 | Resp: | 70707 |
| Ion Ratio   | Lower | Upper |
| 127 100     |       |       |
| 129 33.0    | 25.7  | 38.5  |
| 65 45.4     | 36.1  | 54.1  |
| 92 22.5     | 20.1  | 30.1  |



#34  
Hexachlorobutadiene  
Concen: 34.419 ng  
RT: 11.30 min Scan# 1397  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 112367 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 60.2    | 50.4  | 75.6   |
| 227 | 59.3    | 51.0  | 76.6   |





#35

Caprolactam

Concen: 6.987 ng

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

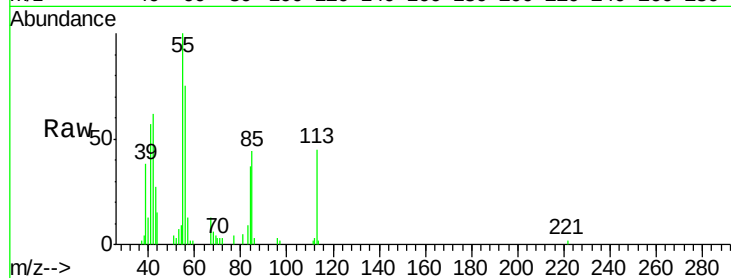
Instrument :

BNA\_G

ClientSampled :

Tot Ion:113 Resp: 11000

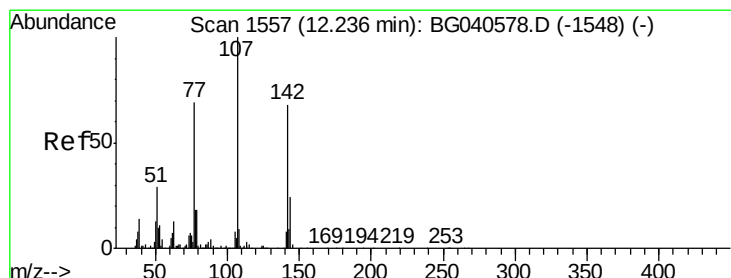
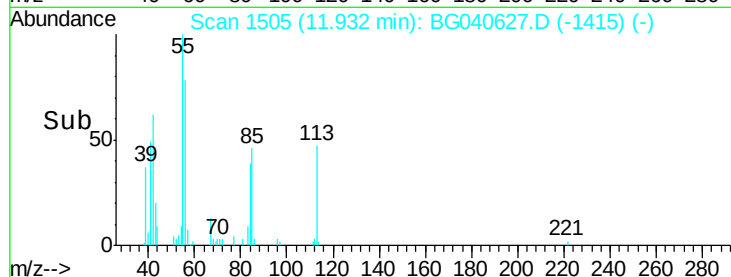
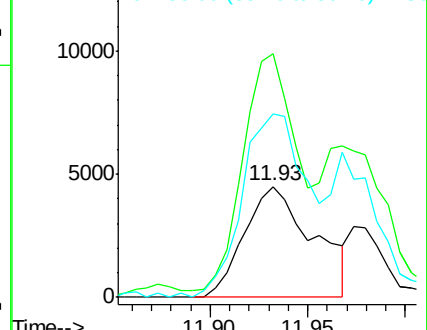
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 55  | 220.1 | 198.6 | 238.6 |
| 56  | 165.3 | 148.4 | 188.4 |



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.408 ng

RT: 12.23 min Scan# 1556

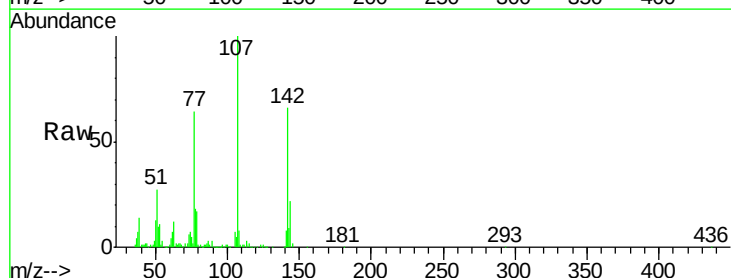
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:107 Resp: 223397

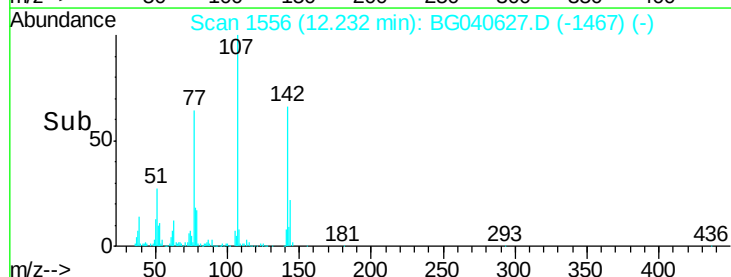
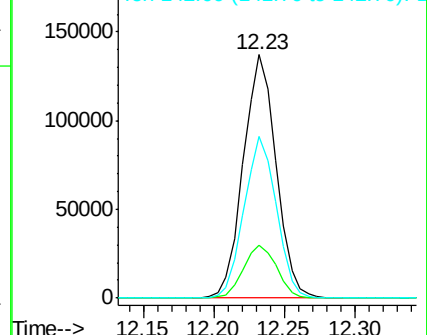
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 21.9  | 19.3  | 28.9  |
| 142 | 66.3  | 54.6  | 81.8  |

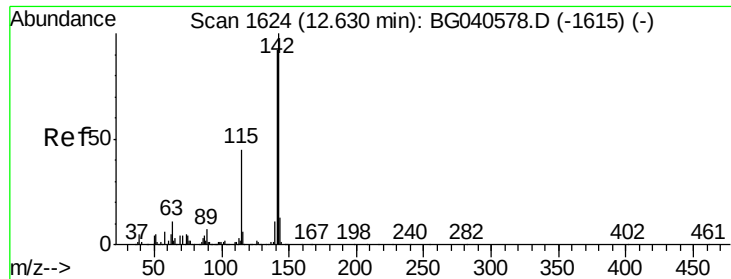


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

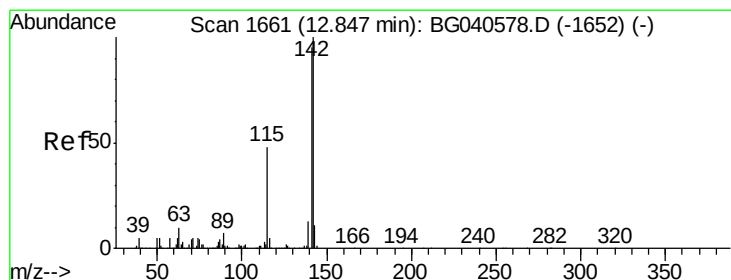
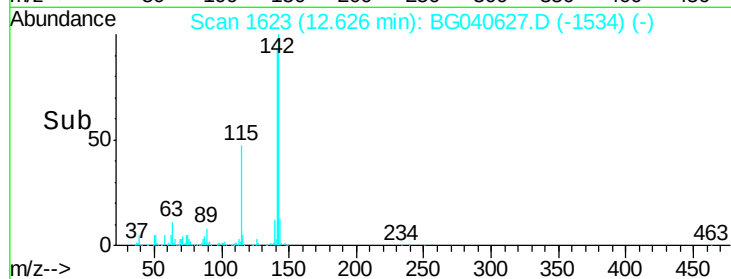
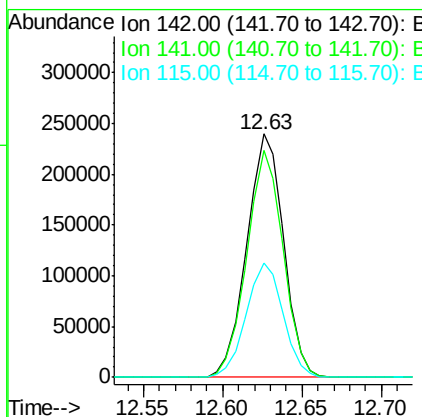
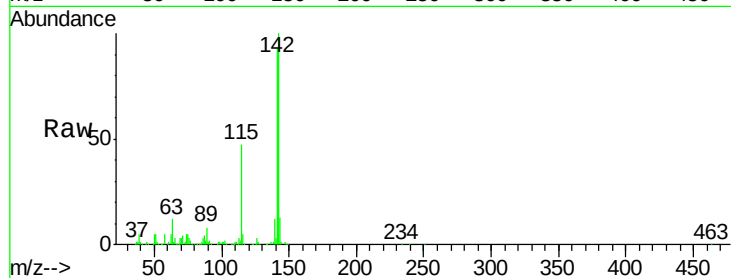




#37  
2-Methylnaphthalene  
Concen: 43.151 ng  
RT: 12.63 min Scan# 1623  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

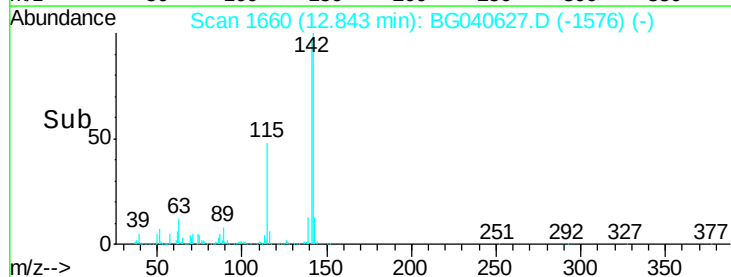
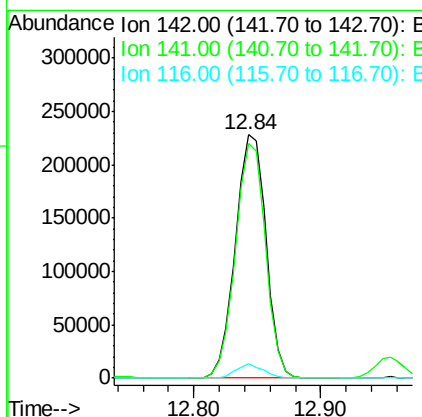
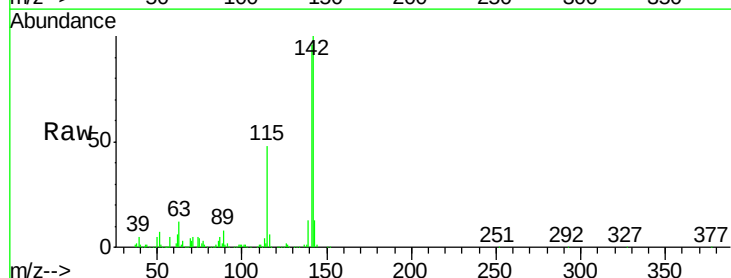
Instrument :  
BNA\_G  
ClientSampleId :

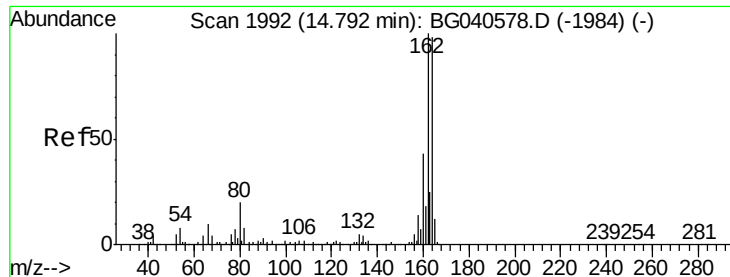
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.5  | 73.4  | 110.2 |
| 115     | 46.8  | 36.2  | 54.4  |



#38  
1-Methylnaphthalene  
Concen: 43.395 ng  
RT: 12.84 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.3  | 75.9  | 113.9 |
| 116     | 5.8   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

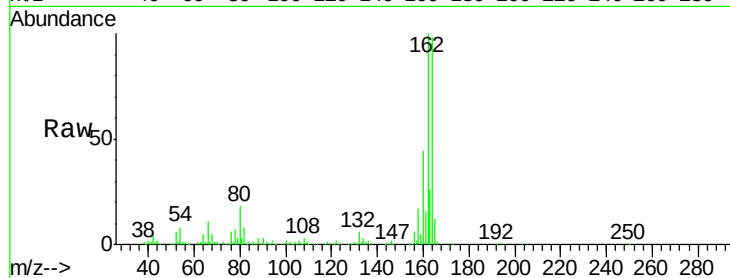
Tot Ion:164 Resp: 171696

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

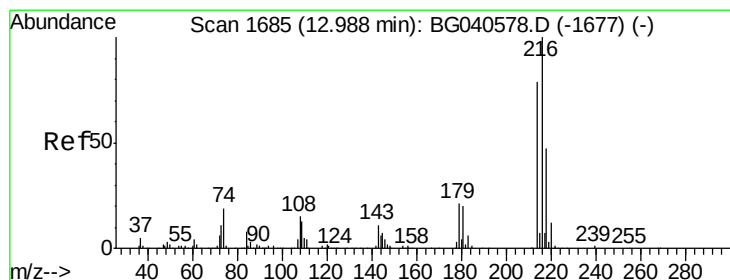
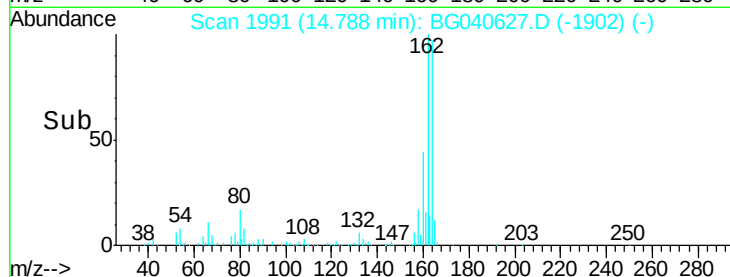
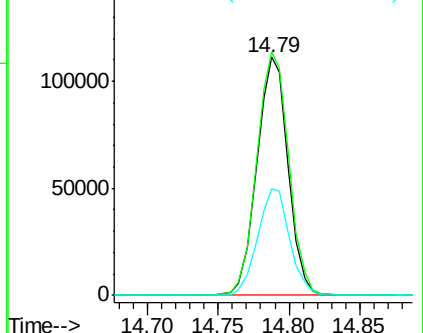
160 44.5 35.4 53.2



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: 40.116 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:216 Resp: 256584

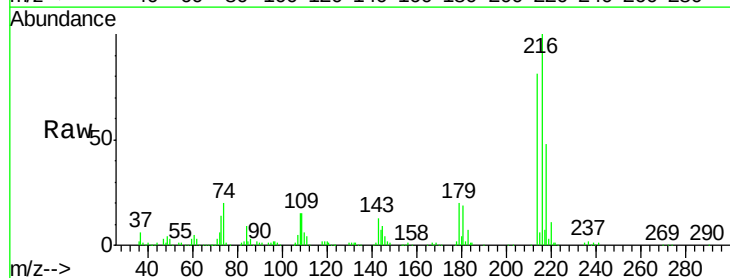
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.4 16.6 24.8

108 20.2 14.7 22.1

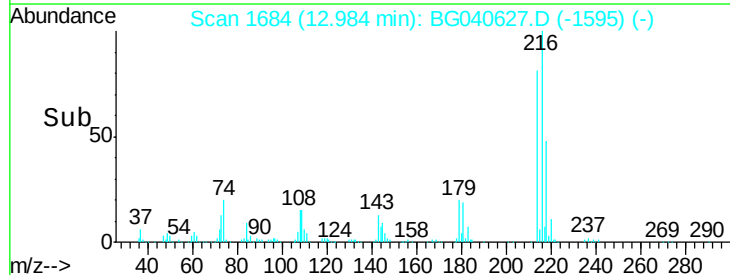
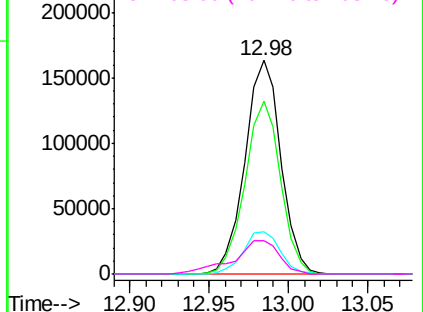


Abundance Ion 216.00 (215.70 to 216.70): E

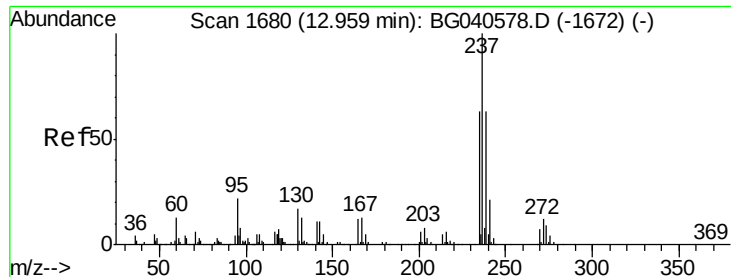
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



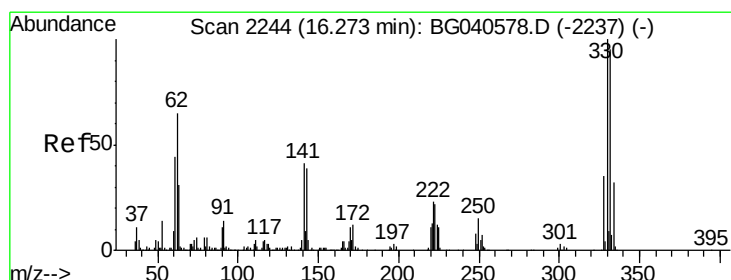
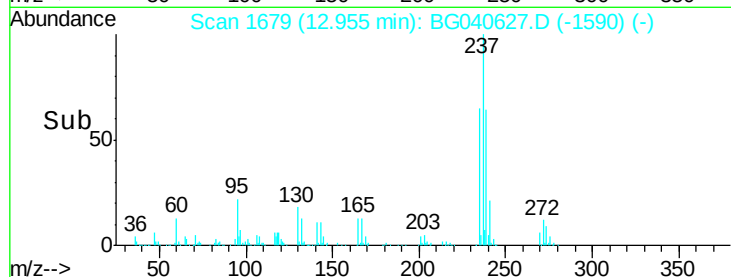
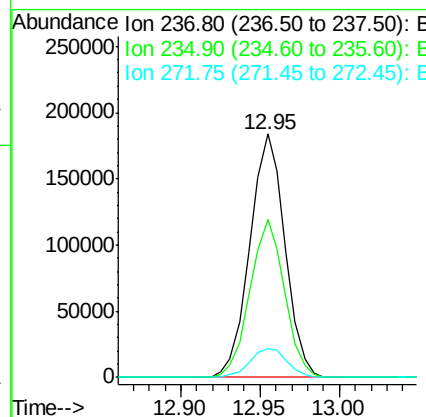
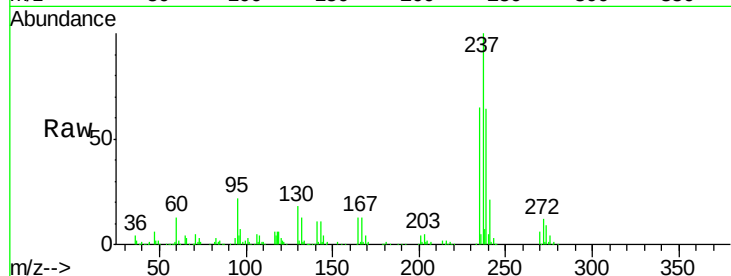




#41  
Hexachlorocyclopentadiene  
Concen: 74.608 ng  
RT: 12.95 min Scan# 1679  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

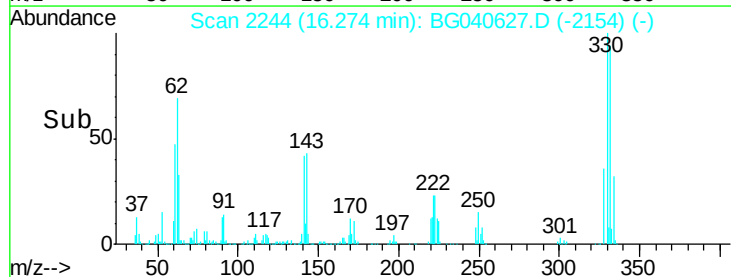
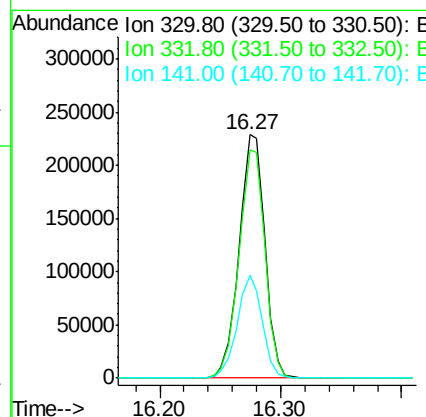
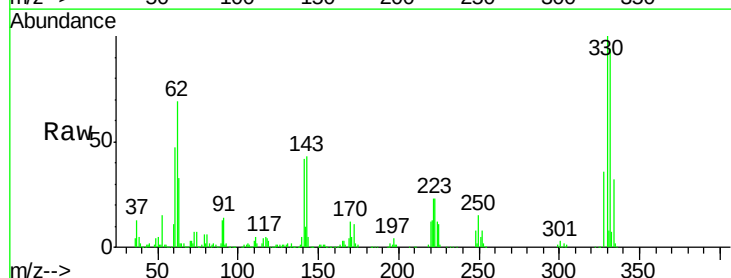
Instrument :  
BNA\_G  
ClientSampleId :

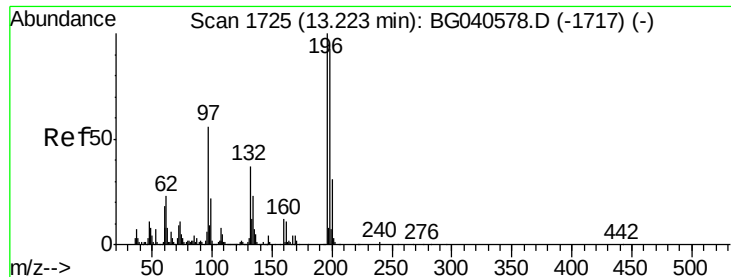
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.8  | 42.5  | 82.5  |
| 272     | 11.9  | 0.0   | 31.6  |



#42  
2,4,6-Tribromophenol  
Concen: 144.240 ng  
RT: 16.27 min Scan# 2244  
Delta R.T. 0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.4  | 75.9  | 113.9 |
| 141     | 41.0  | 32.4  | 48.6  |

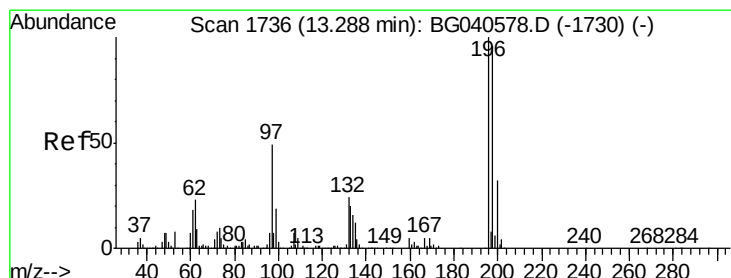
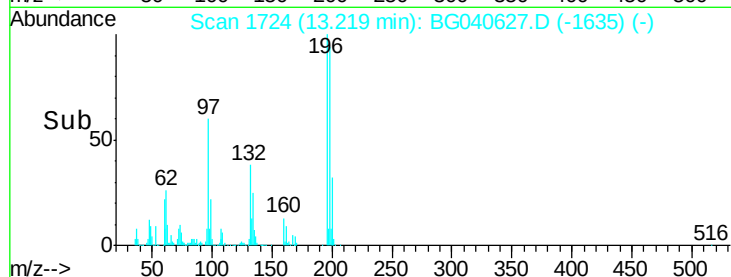
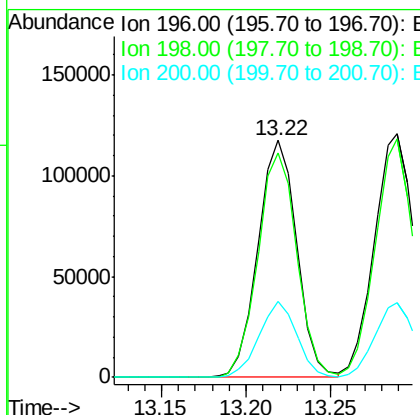
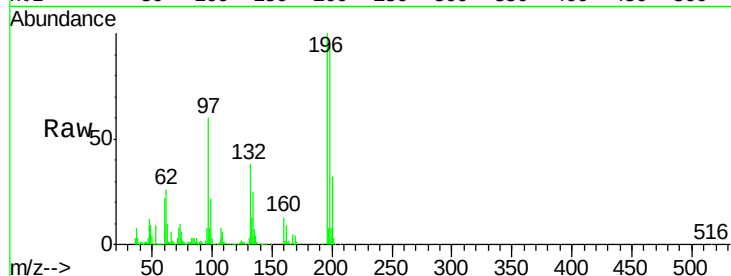




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.423 ng  
 RT: 13.22 min Scan# 1724  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

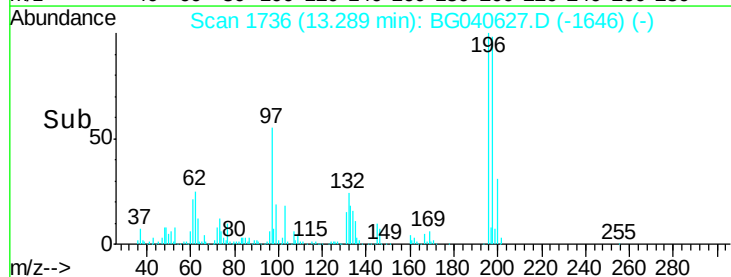
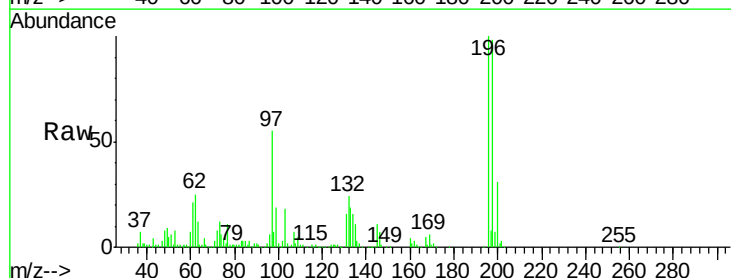
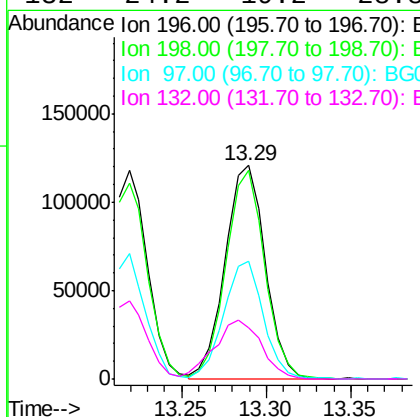
Instrument :  
 BNA\_G  
 ClientSampleId :

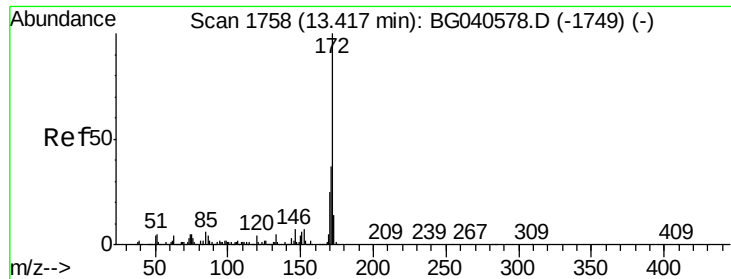
| Tot Ion   | 196   | Resp  | 187166 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.4  | 74.8  | 112.2  |
| 200       | 31.8  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.412 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion   | 196   | Resp  | 199633 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.8  | 77.0  | 115.6  |
| 97        | 54.9  | 40.0  | 60.0   |
| 132       | 24.2  | 19.2  | 28.8   |

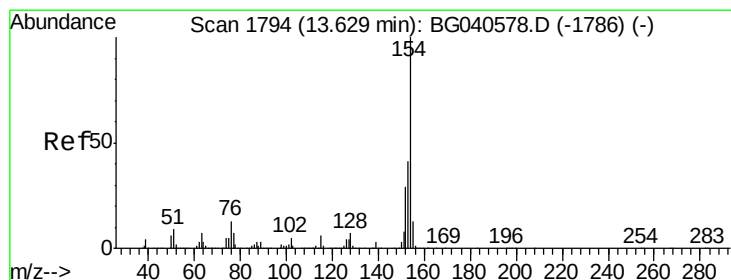
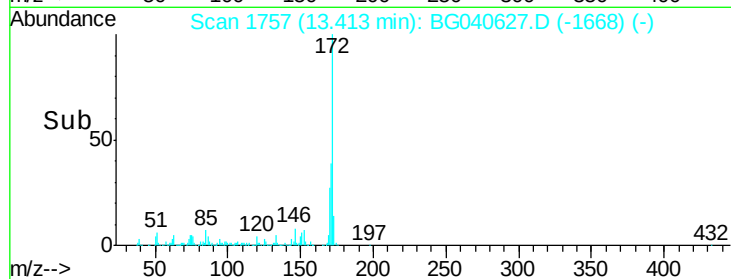
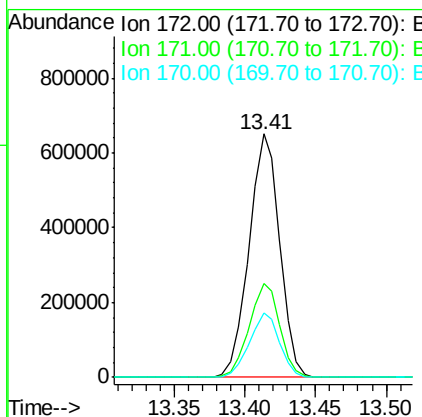
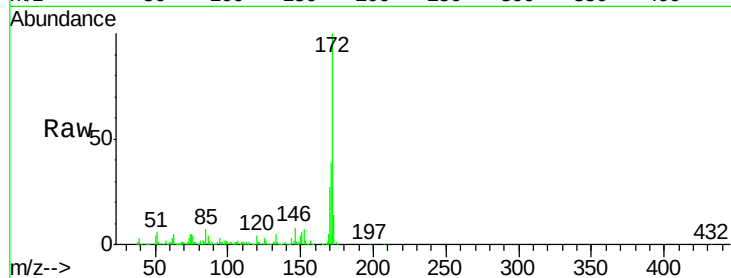




#45  
2-Fluorobiphenyl  
Concen: 83.495 ng  
RT: 13.41 min Scan# 1757  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

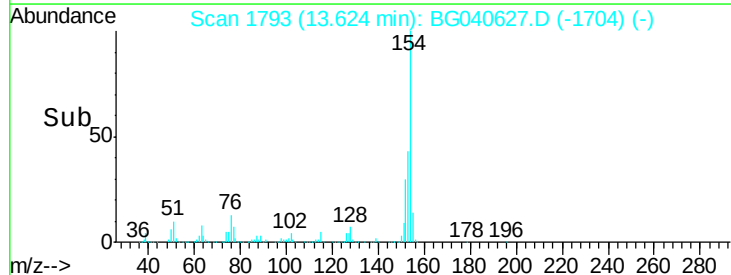
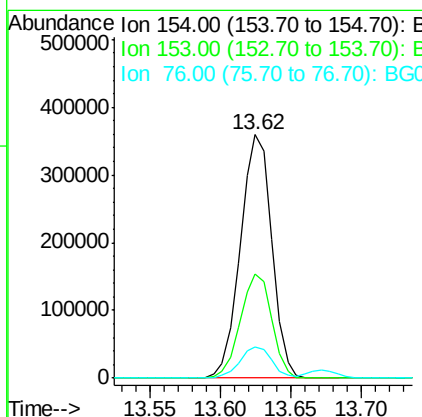
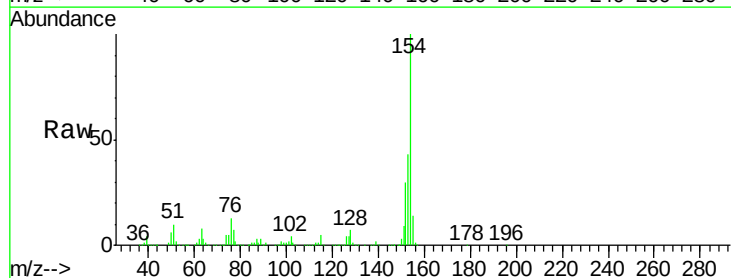
Instrument :  
BNA\_G  
ClientSampleId :

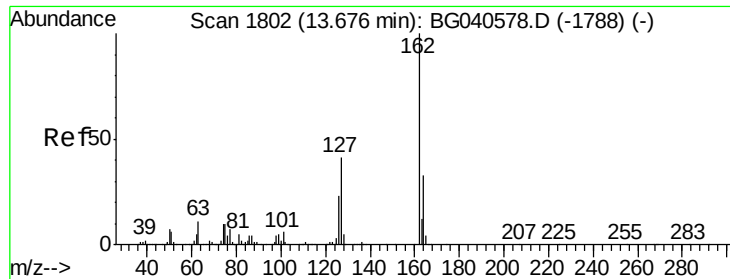
Tot Ion:172 Resp: 992644  
Ion Ratio Lower Upper  
172 100  
171 38.8 29.4 44.2  
170 26.6 19.9 29.9



#46  
1,1'-Biphenyl  
Concen: 41.806 ng  
RT: 13.62 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Tgt Ion:154 Resp: 557294  
Ion Ratio Lower Upper  
154 100  
153 42.6 20.5 60.5  
76 13.0 0.0 32.5

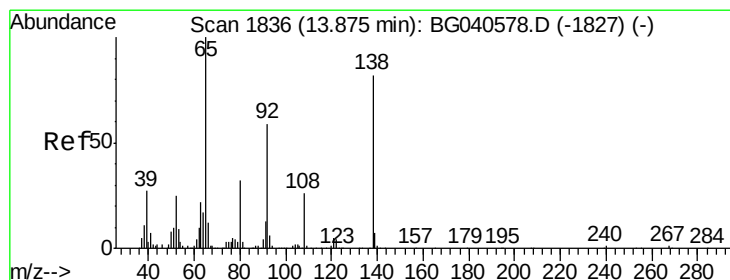
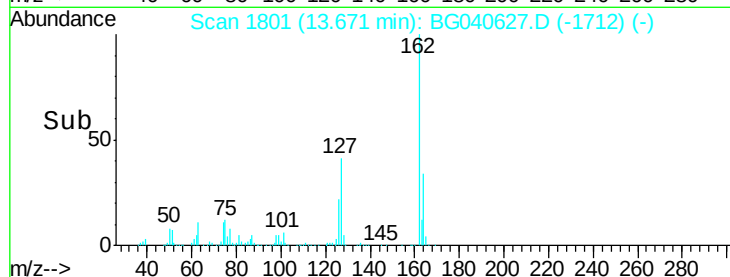
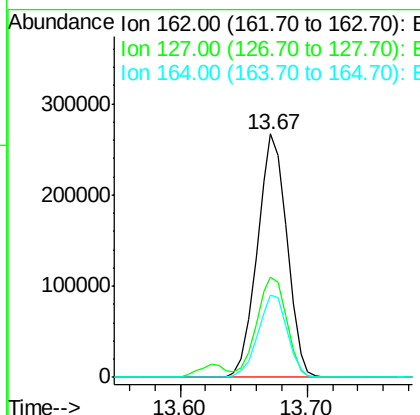
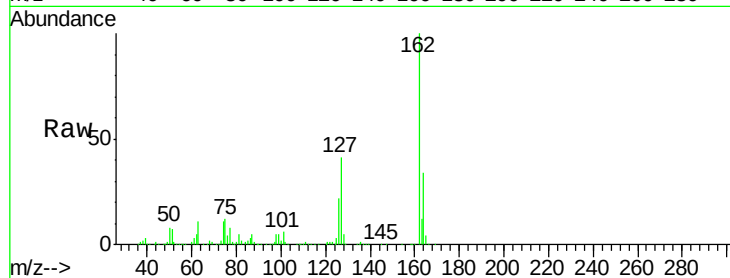




#47  
 2-Chloronaphthalene  
 Concen: 41.487 ng  
 RT: 13.67 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

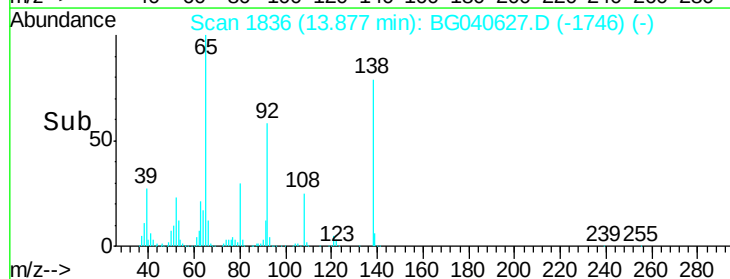
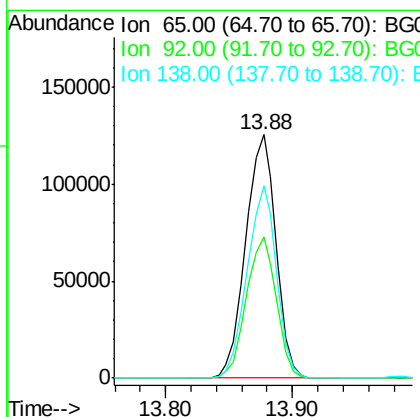
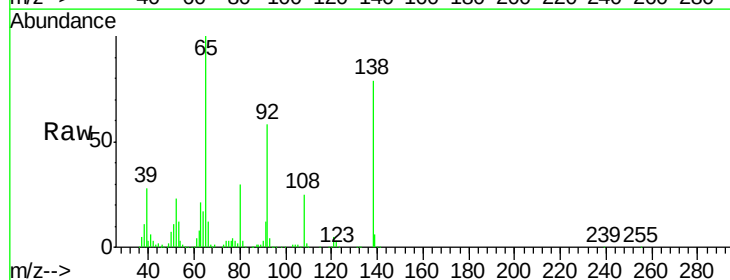
Instrument :  
 BNA\_G  
 ClientSampleId :

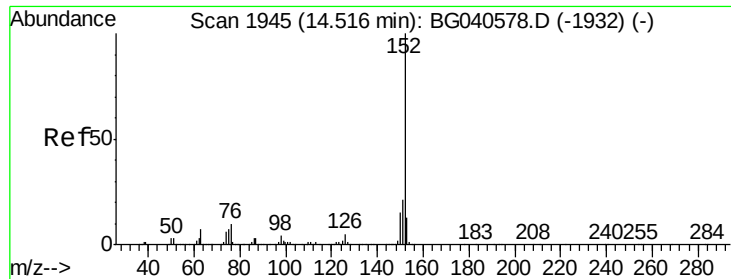
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 33.0  | 49.4  |
| 164     | 33.7  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 56.168 ng  
 RT: 13.88 min Scan# 1836  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.9  | 47.4  | 71.0  |
| 138     | 79.1  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 41.725 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

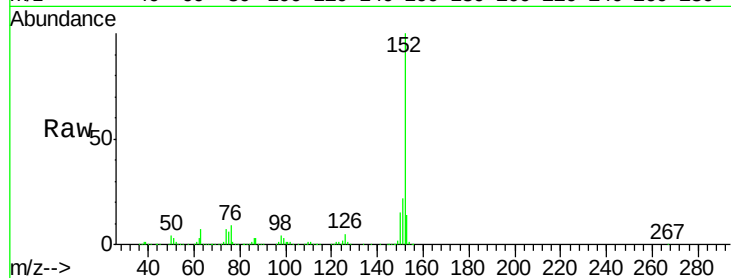
Tot Ion:152 Resp: 738534

Ion Ratio Lower Upper

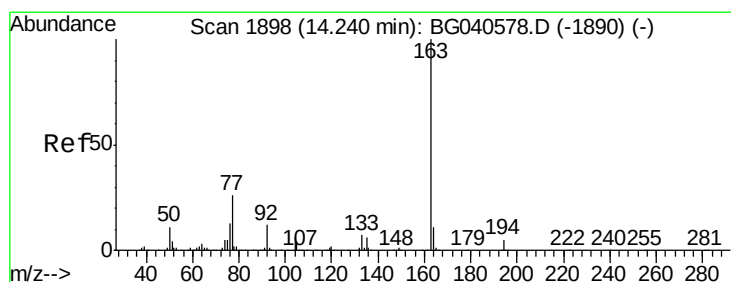
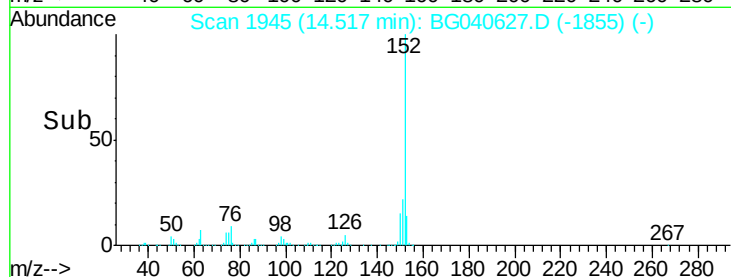
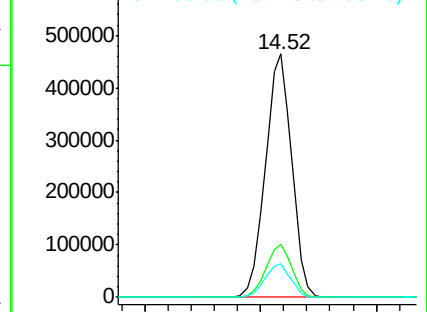
152 100

151 21.6 17.2 25.8

153 13.9 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: 46.495 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

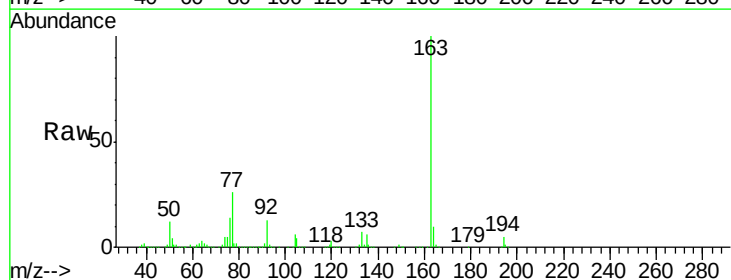
Tgt Ion:163 Resp: 667921

Ion Ratio Lower Upper

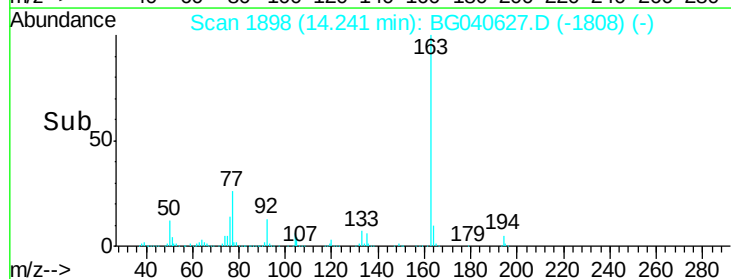
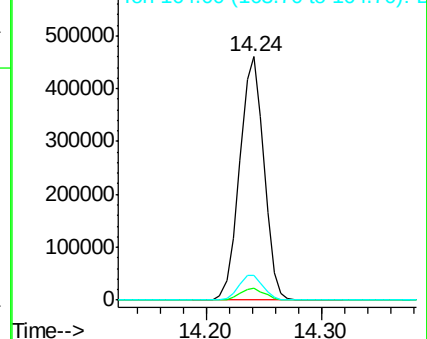
163 100

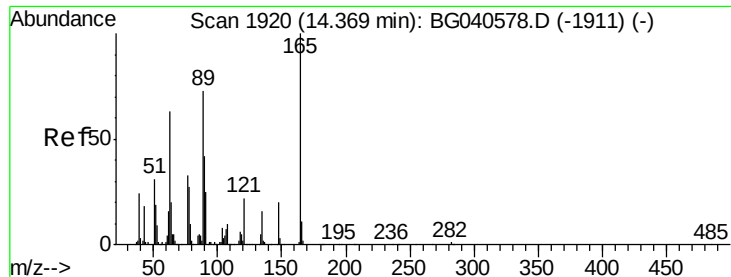
194 4.8 3.8 5.8

164 10.3 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: 49.343 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

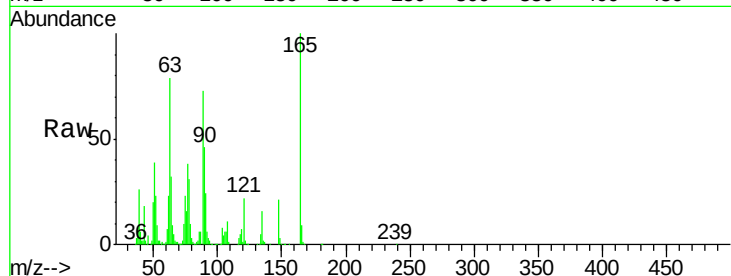
Tot Ion:165 Resp: 138342

Ion Ratio Lower Upper

165 100

63 78.7 61.0 91.4

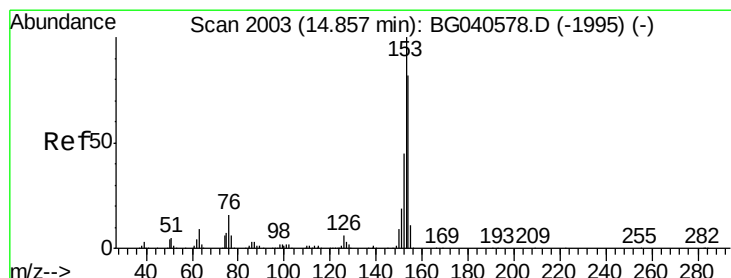
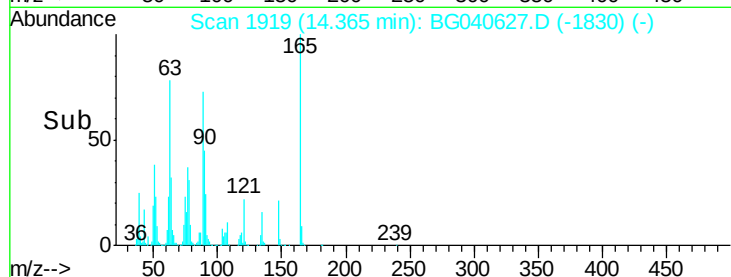
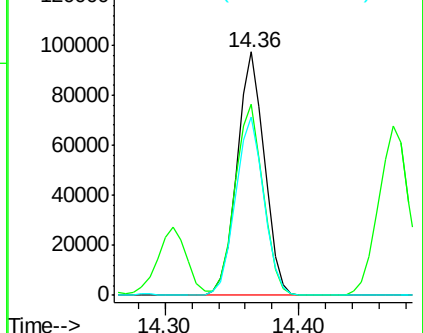
89 73.2 58.6 87.8



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



#52

Acenaphthene

Concen: 43.302 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

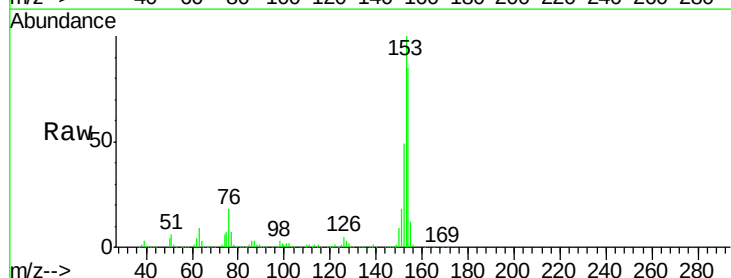
Tgt Ion:154 Resp: 446350

Ion Ratio Lower Upper

154 100

153 117.2 97.0 145.6

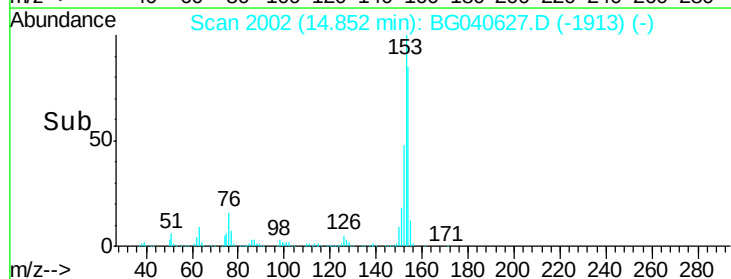
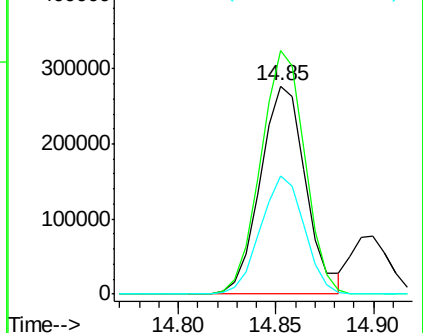
152 56.8 44.1 66.1

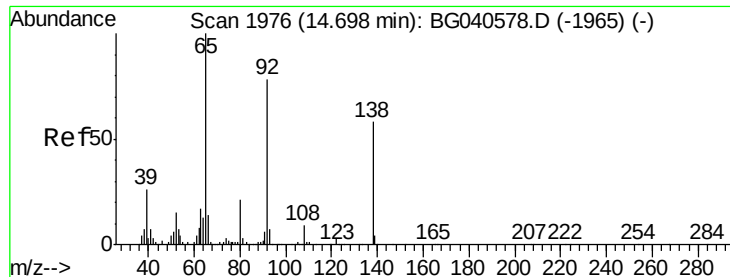


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

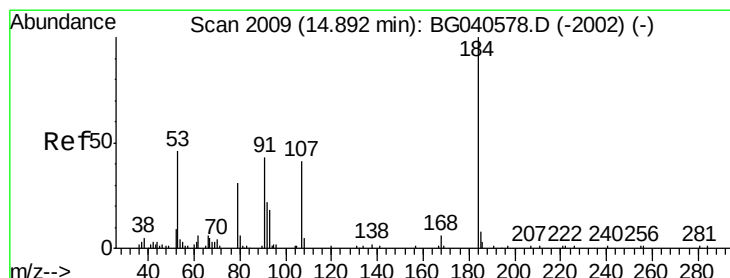
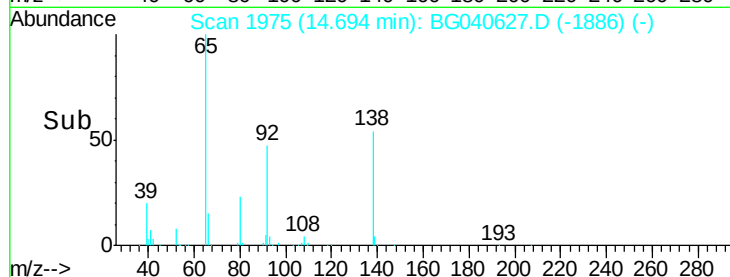
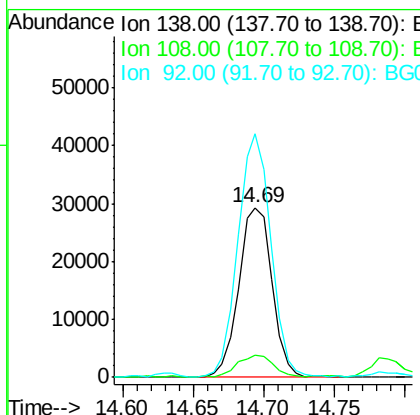
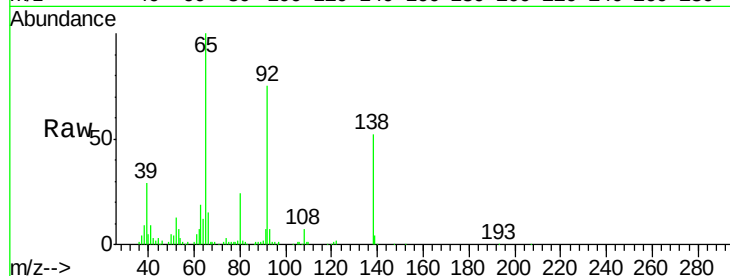




#53  
3-Nitroaniline  
Concen: 16.885 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

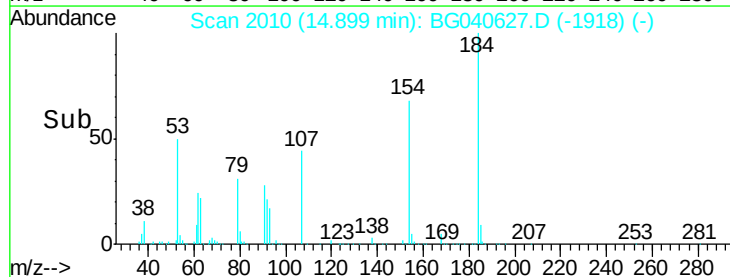
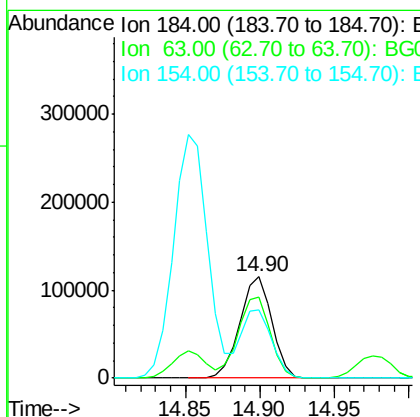
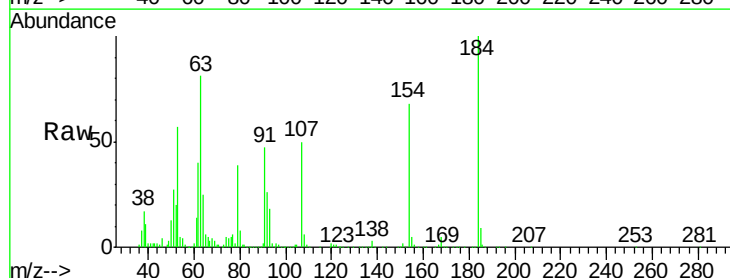
Instrument :  
BNA\_G  
ClientSampleId :

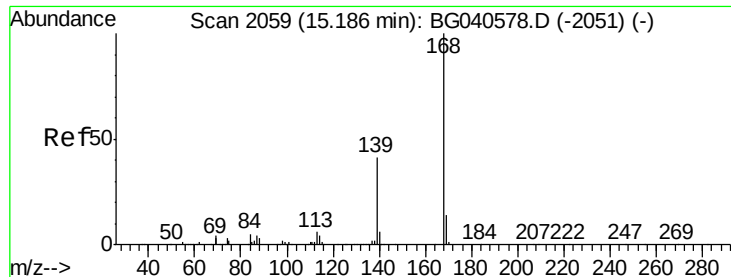
Tot Ion:138 Resp: 48505  
Ion Ratio Lower Upper  
138 100  
108 13.4 12.4 18.6  
92 143.7 108.6 162.8



#54  
2,4-Dinitrophenol  
Concen: 105.456 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.01 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Tgt Ion:184 Resp: 170622  
Ion Ratio Lower Upper  
184 100  
63 80.6 51.8 77.6#  
154 68.0 43.6 65.4#





#55

Dibenzenofuran

Concen: 43.560 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

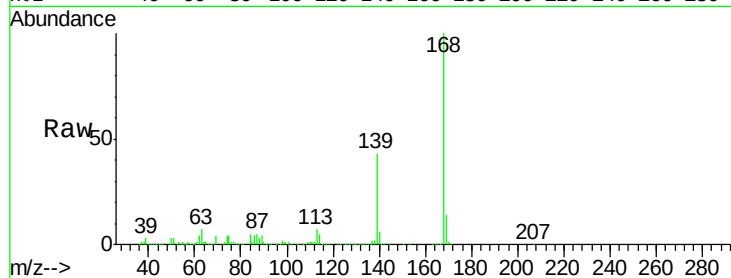
Tot Ion:168 Resp: 735435

Ion Ratio Lower Upper

168 100

139 43.4 33.0 49.4

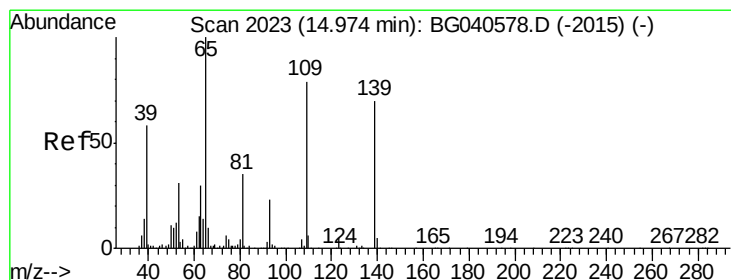
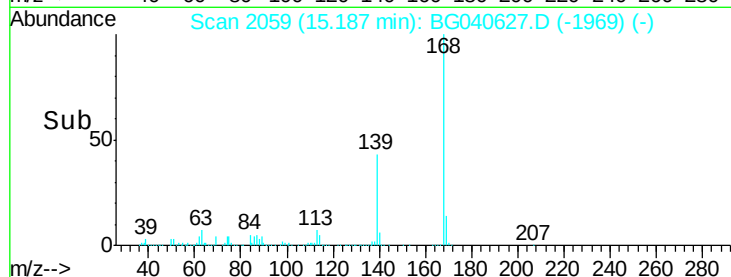
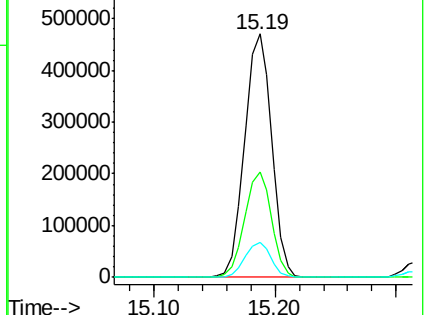
169 14.5 11.0 16.4



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: 38.948 ng

RT: 14.98 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

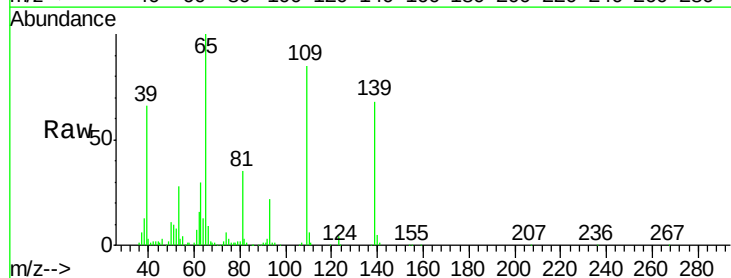
Tgt Ion:139 Resp: 97017

Ion Ratio Lower Upper

139 100

109 124.9 93.8 133.8

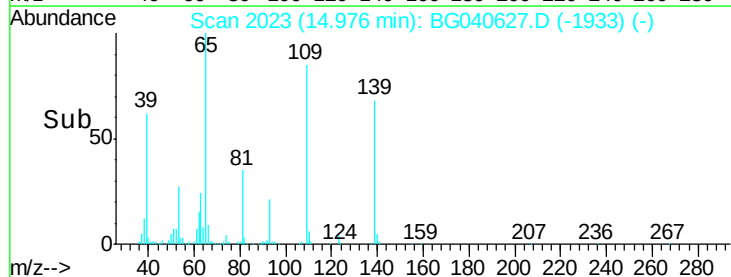
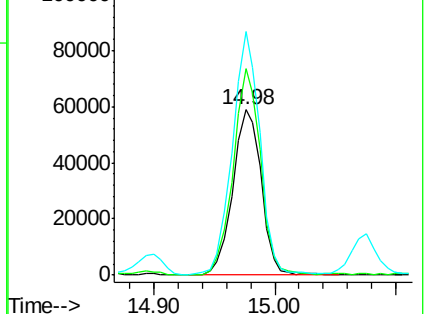
65 147.6 122.7 162.7



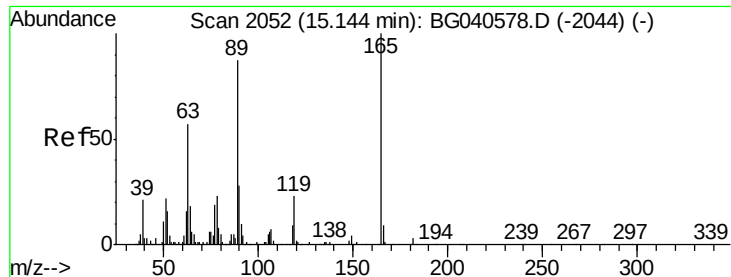
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



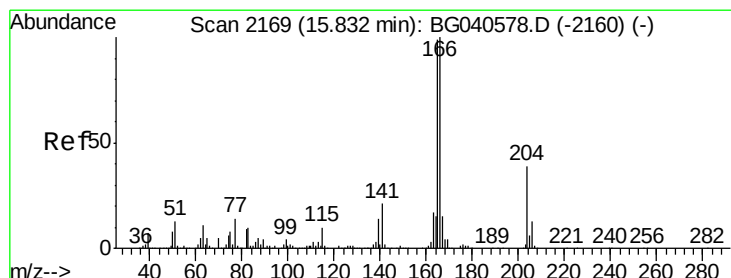
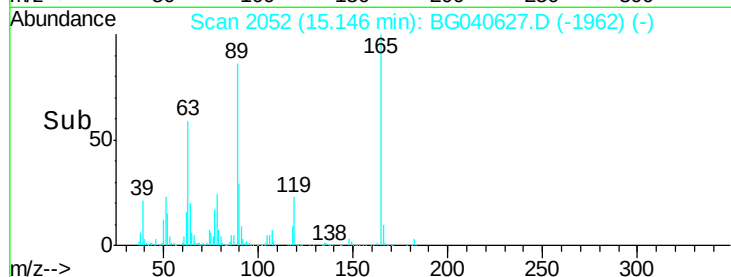
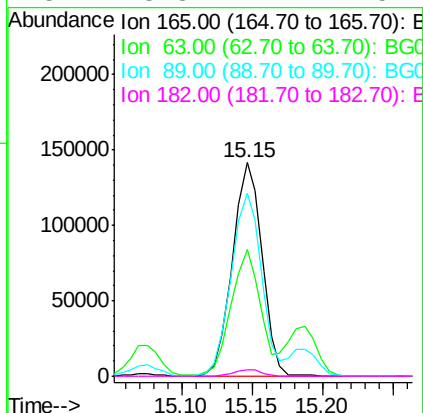
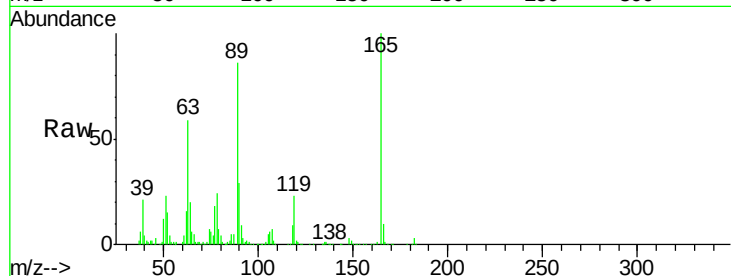




#57  
 2,4-Dinitrotoluene  
 Concen: 54.336 ng  
 RT: 15.15 min Scan# 2052  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

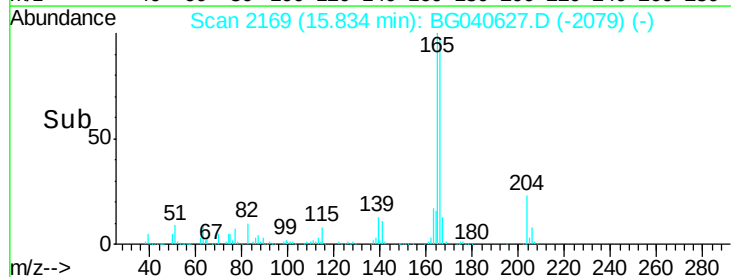
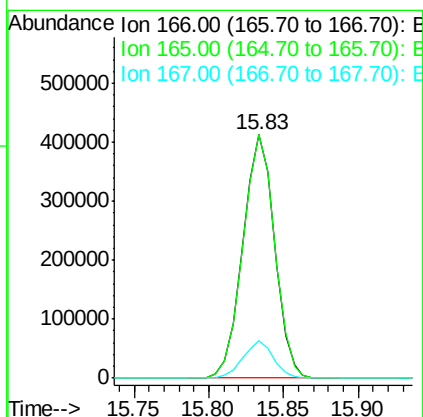
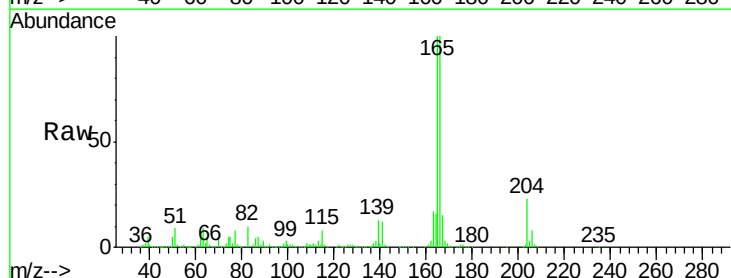
Instrument :  
 BNA\_G  
 ClientSampleId :

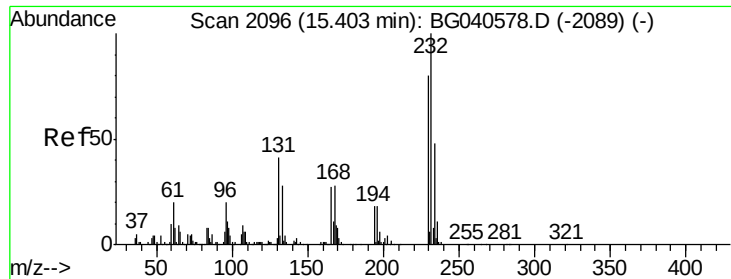
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.1  | 45.8  | 68.8  |
| 89      | 85.6  | 69.4  | 104.2 |
| 182     | 3.3   | 2.2   | 3.4   |



#58  
 Fluorene  
 Concen: 44.276 ng  
 RT: 15.83 min Scan# 2169  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.0 | 79.6  | 119.4 |
| 167     | 15.2  | 12.2  | 18.2  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.483 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:232 Resp: 213947

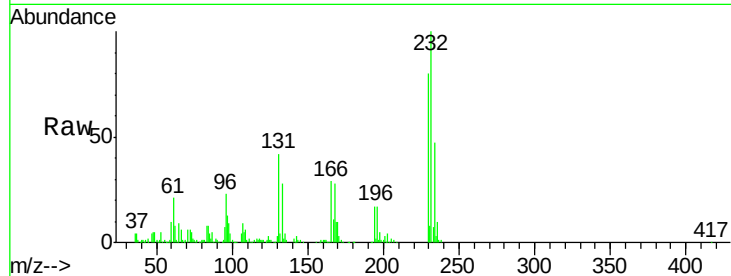
Ion Ratio Lower Upper

232 100

131 41.4 33.0 49.4

130 2.8 2.0 3.0

166 28.2 22.1 33.1

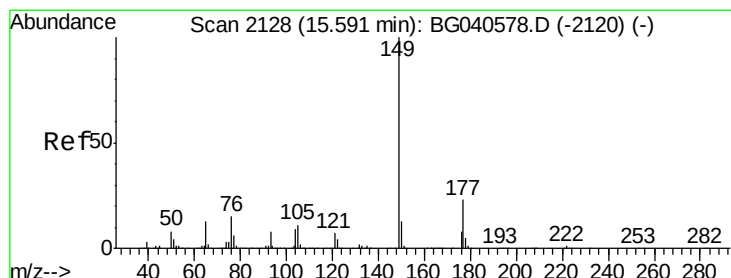
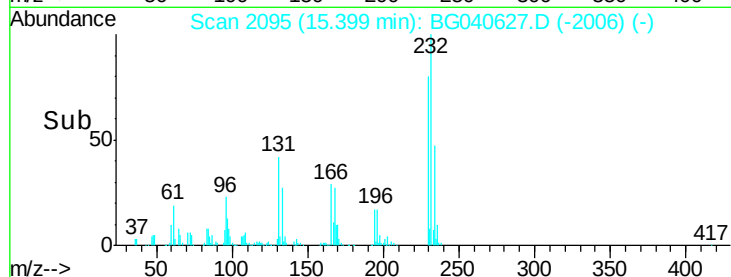
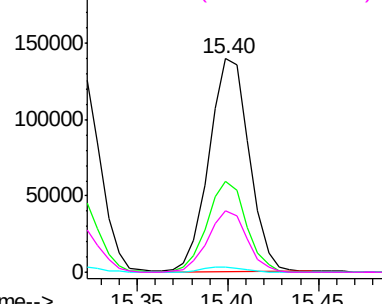


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.229 ng

RT: 15.59 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

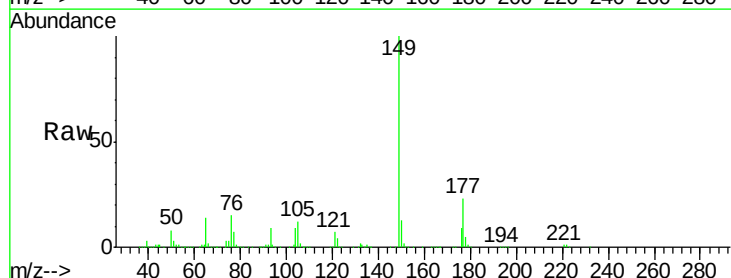
Tgt Ion:149 Resp: 685521

Ion Ratio Lower Upper

149 100

177 23.2 18.5 27.7

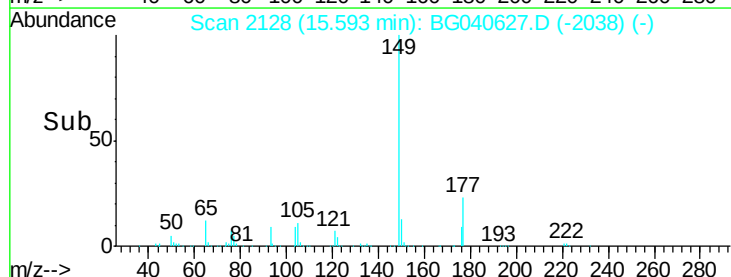
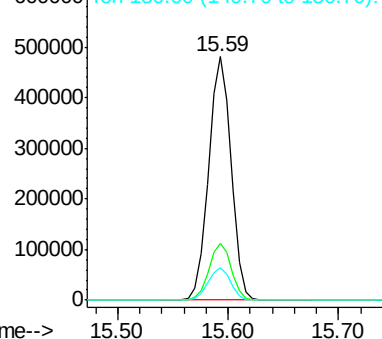
150 13.2 10.2 15.4

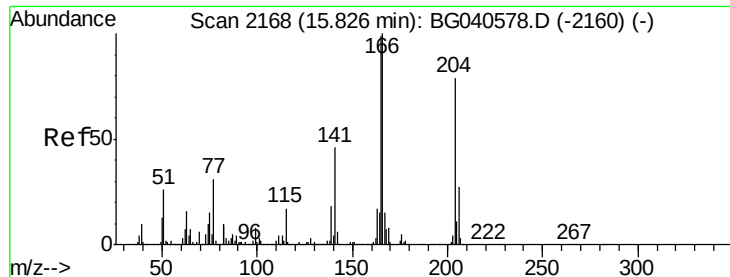


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

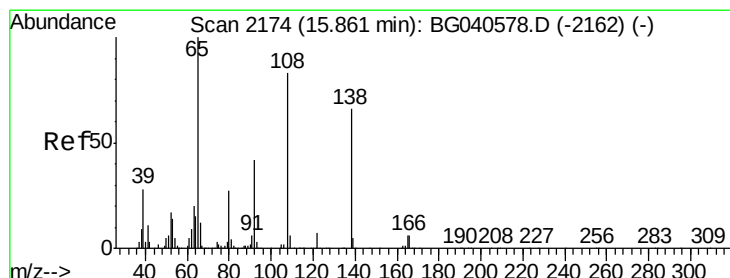
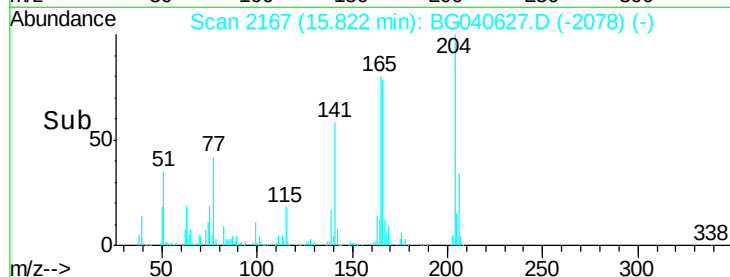
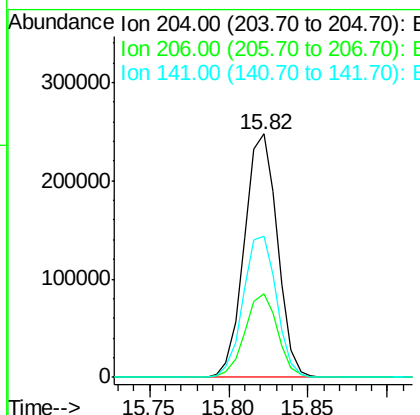
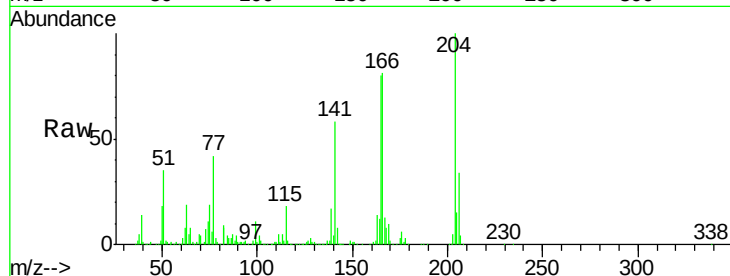




#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.084 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

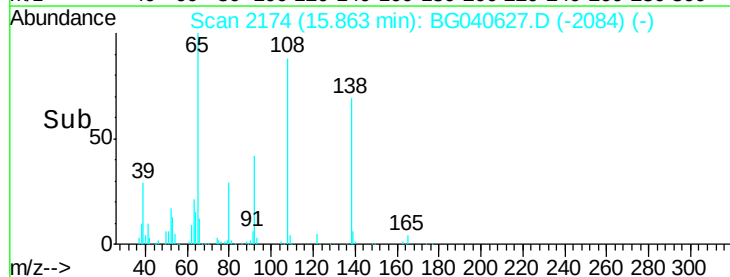
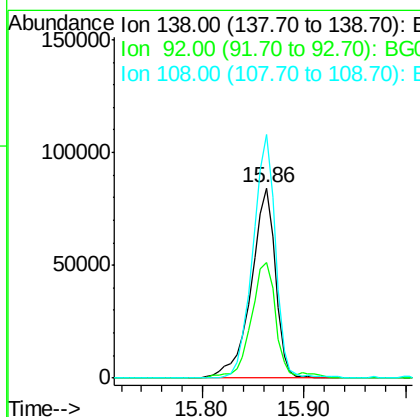
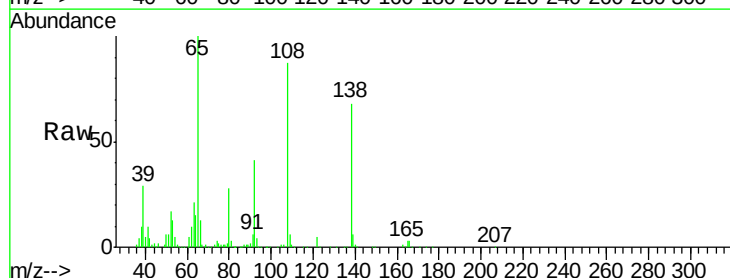
Instrument :  
 BNA\_G  
 ClientSampleId :

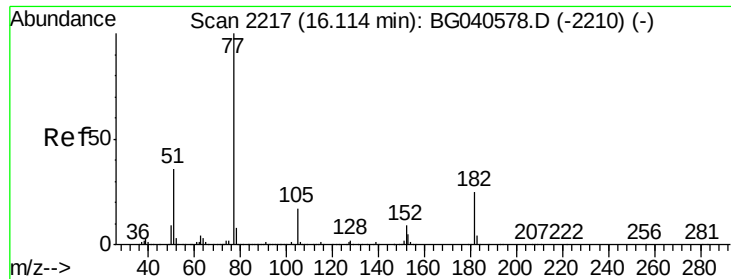
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.1  | 27.4  | 41.2  |
| 141     | 58.1  | 46.0  | 69.0  |



#62  
 4-Nitroaniline  
 Concen: 43.800 ng  
 RT: 15.86 min Scan# 2174  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 60.5  | 43.9  | 83.9  |
| 108     | 128.1 | 106.5 | 146.5 |

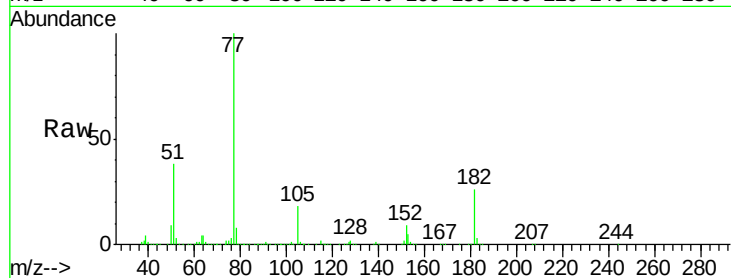




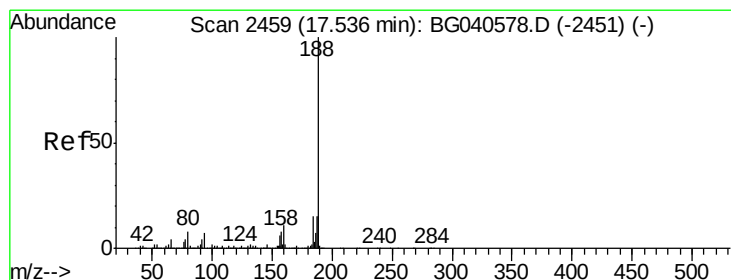
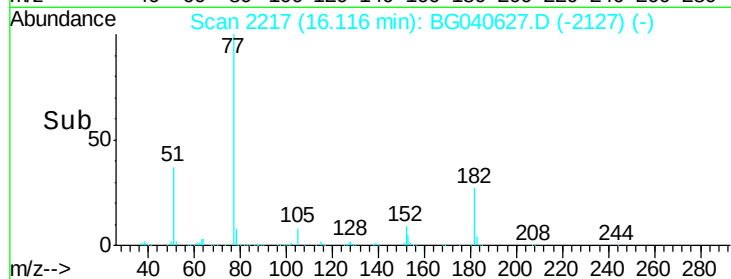
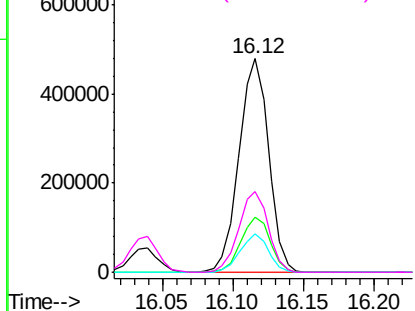
#63  
Azobenzene  
Concen: 45.082 ng  
RT: 16.12 min Scan# 2217  
Delta R.T. 0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 703689 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.8  | 5.0   | 45.0   |
| 105      | 17.7  | 0.0   | 37.6   |
| 51       | 38.0  | 16.3  | 56.3   |

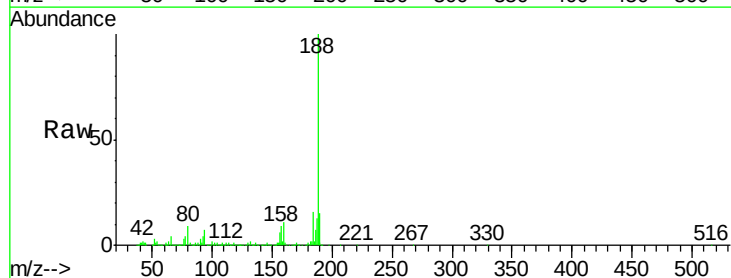


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

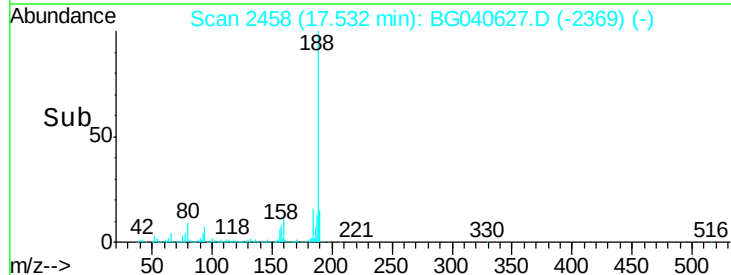
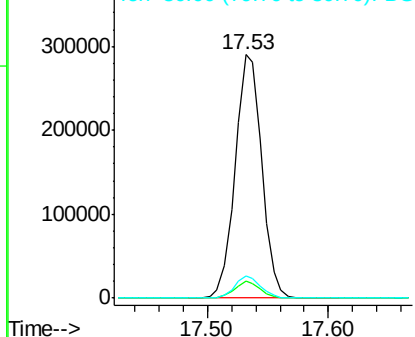


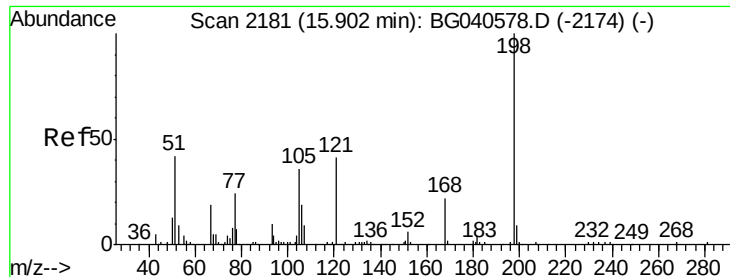
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 444518 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.8   | 5.6   | 8.4    |
| 80       | 9.3   | 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: 51.965 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

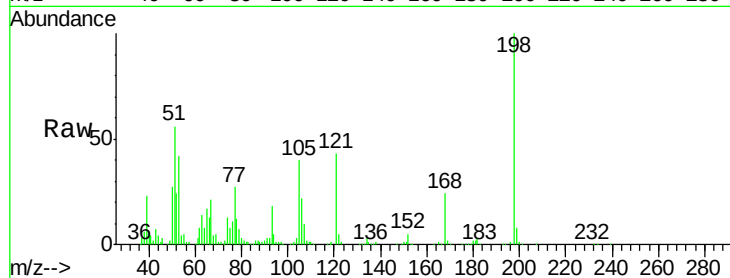
Instrument :

BNA\_G

ClientSampled :

Tot Ion:198 Resp: 115324

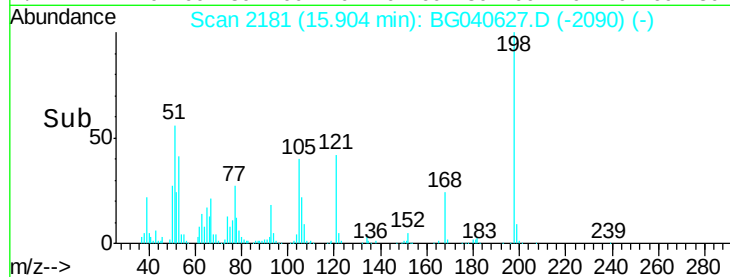
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 56.0  | 35.9  | 75.9  |
| 105 | 40.3  | 21.2  | 61.2  |



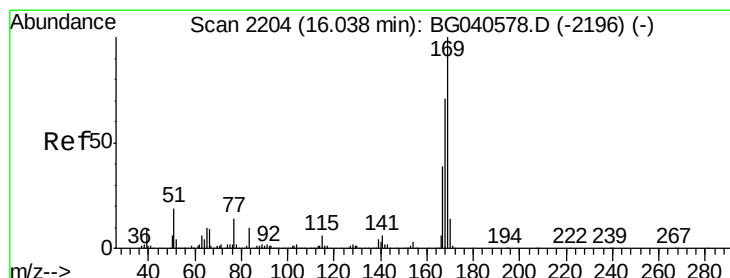
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.386 ng

RT: 16.04 min Scan# 2204

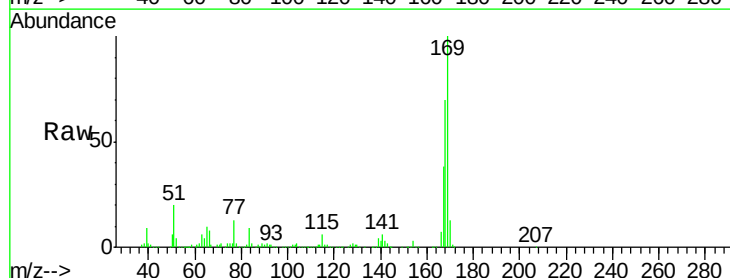
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:169 Resp: 567409

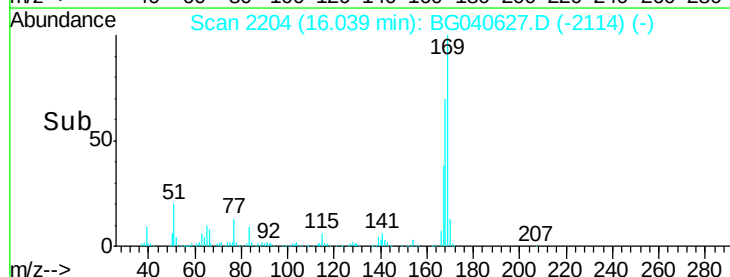
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.7  | 56.8  | 85.2  |
| 167 | 38.4  | 31.4  | 47.0  |



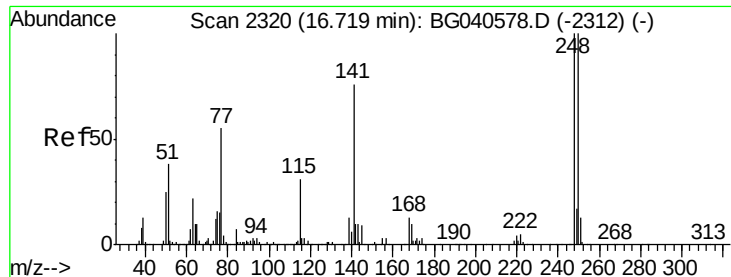
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



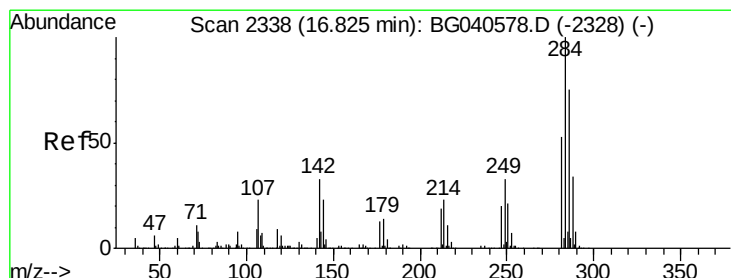
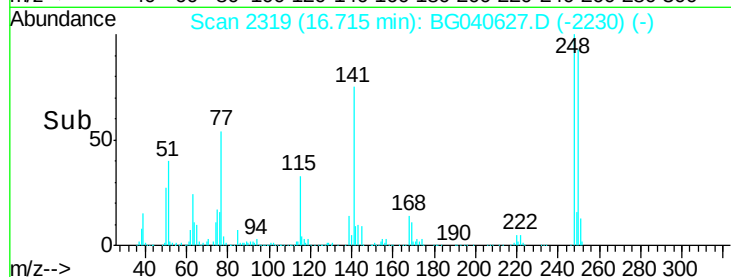
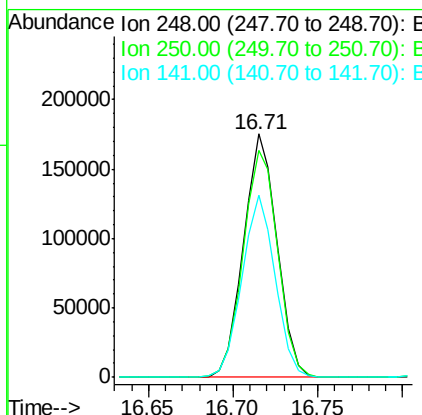
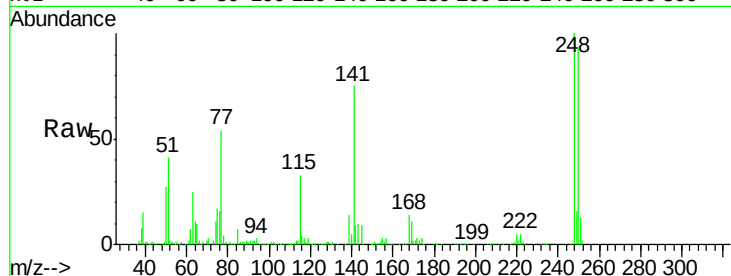
Time-->



#67  
 4-Bromophenyl-phenylether  
 Concen: 43.582 ng  
 RT: 16.71 min Scan# 2319  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

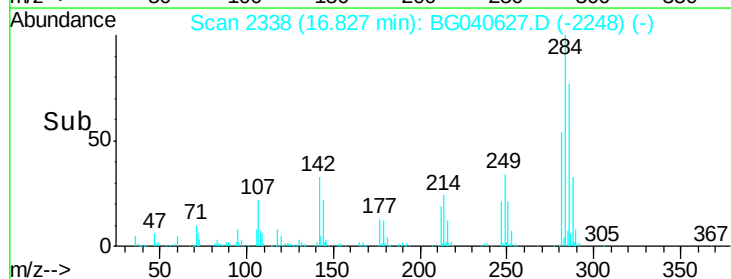
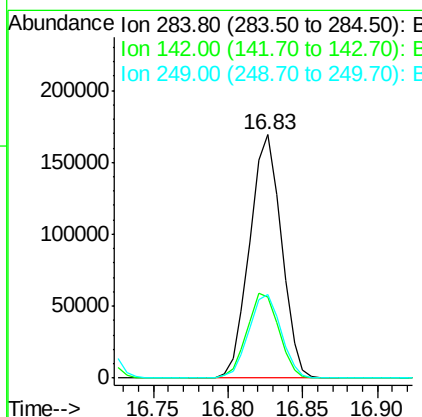
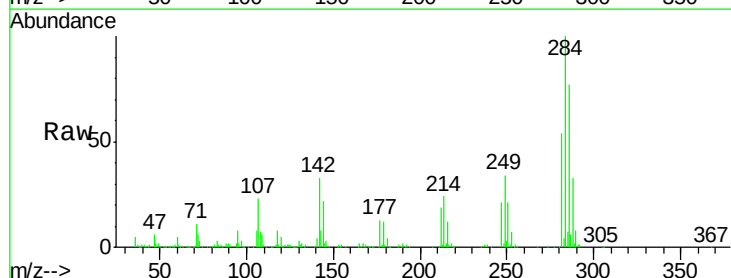
Instrument :  
 BNA\_G  
 ClientSampleId :

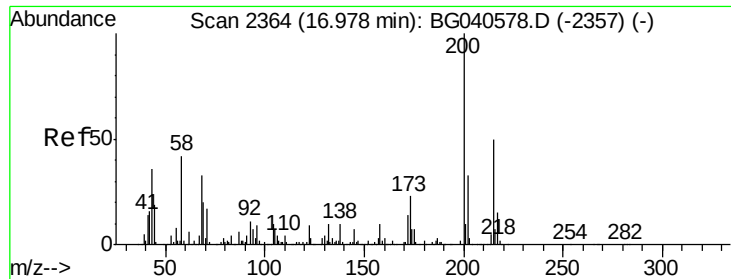
Tot Ion:248 Resp: 241359  
 Ion Ratio Lower Upper  
 248 100  
 250 93.4 79.8 119.6  
 141 74.9 60.8 91.2



#68  
 Hexachlorobenzene  
 Concen: 43.518 ng  
 RT: 16.83 min Scan# 2338  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

Tgt Ion:284 Resp: 249203  
 Ion Ratio Lower Upper  
 284 100  
 142 33.1 26.6 40.0  
 249 37.4 26.0 39.0





#69

Atrazine

Concen: 46.372 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

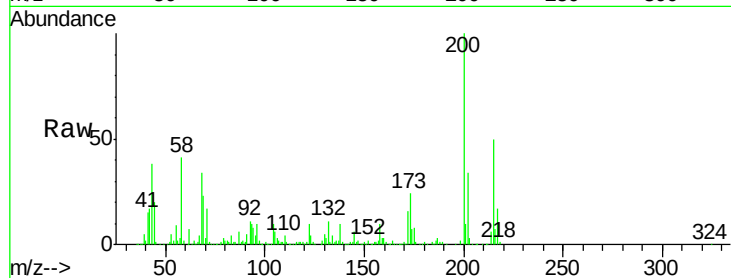
Tot Ion:200 Resp: 240279

Ion Ratio Lower Upper

200 100

173 23.9 2.8 42.8

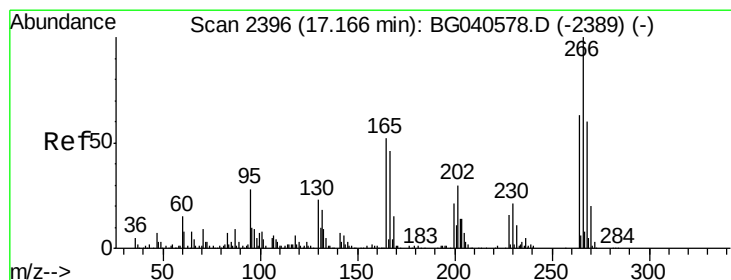
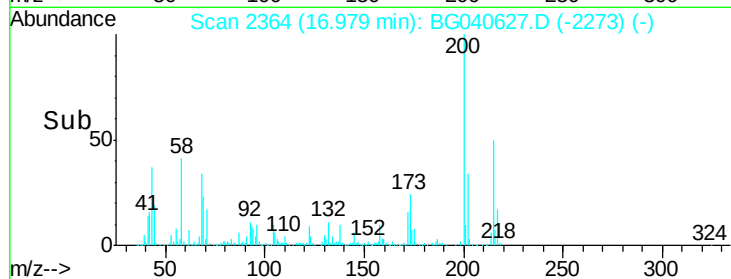
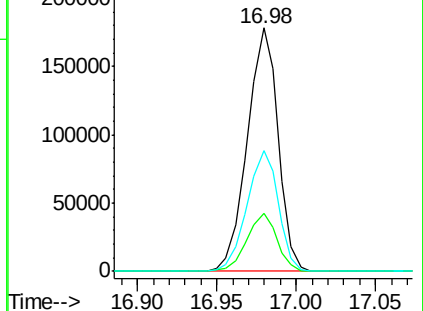
215 49.6 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.444 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

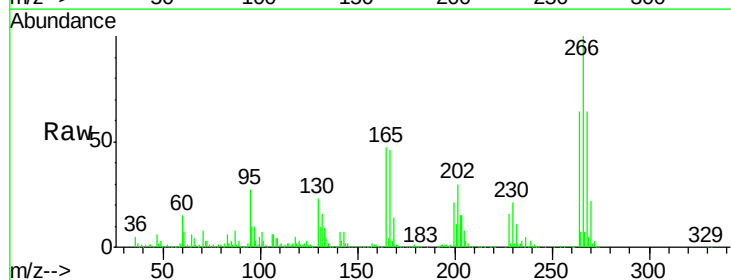
Tgt Ion:266 Resp: 323176

Ion Ratio Lower Upper

266 100

268 64.4 52.3 78.5

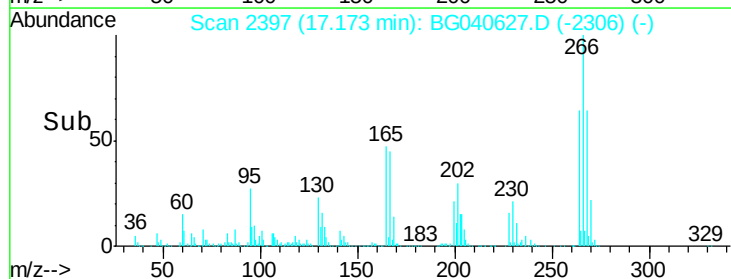
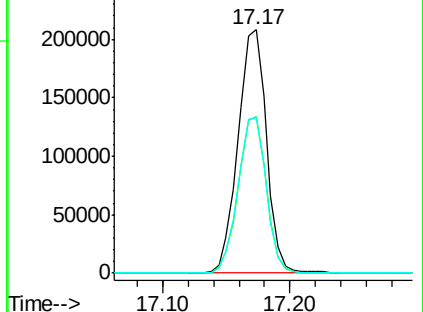
264 63.7 50.0 75.0

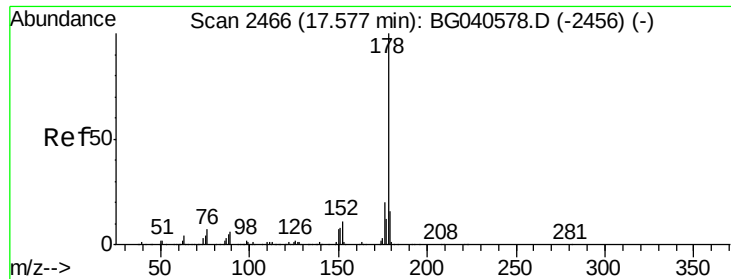


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

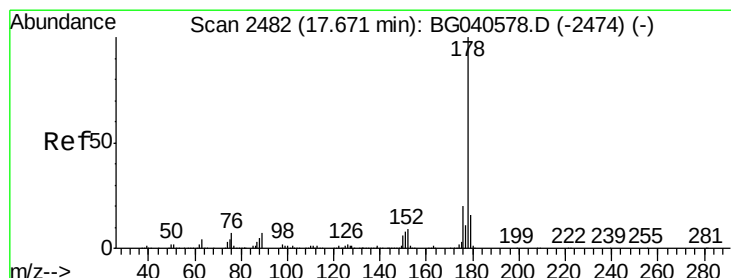
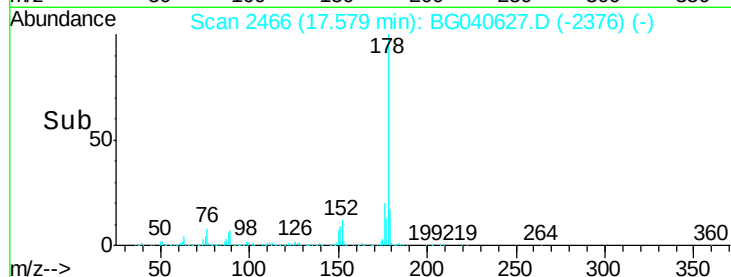
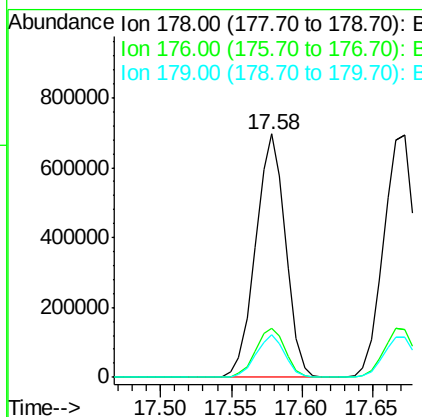
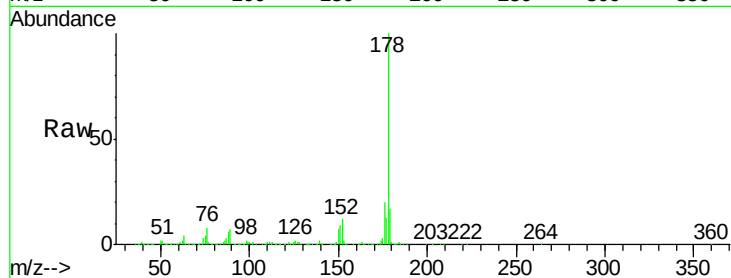




#71  
Phenanthrene  
Concen: 43.427 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

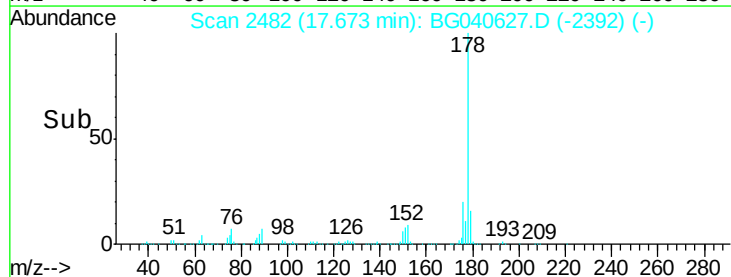
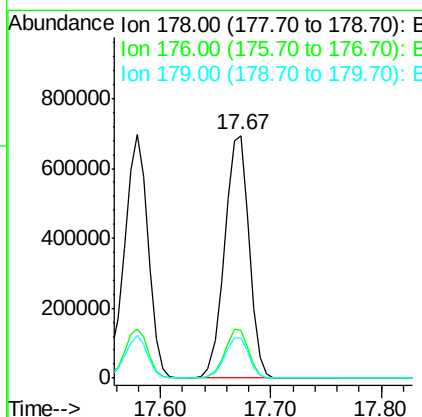
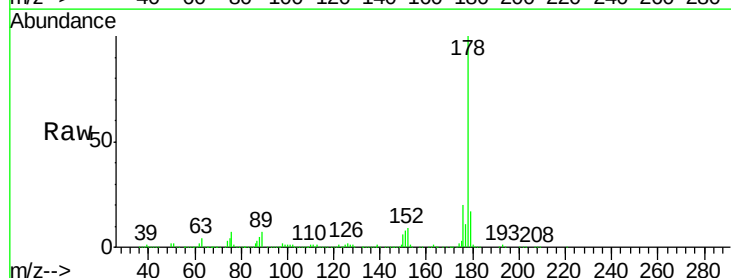
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 1039767  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.6  
179 17.3 12.6 18.8

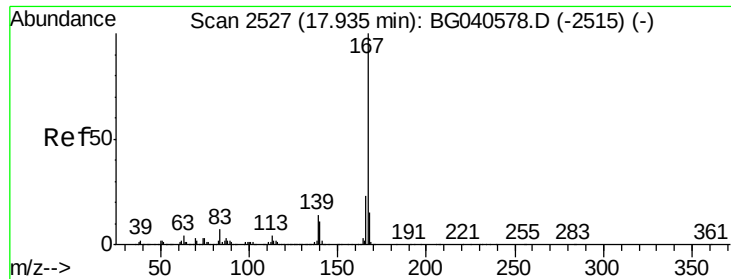


#72  
Anthracene  
Concen: 44.721 ng  
RT: 17.67 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: BG040627.D  
Acq: 26 Apr 2019 13:41

Tgt Ion:178 Resp: 1076293  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 16.5 12.9 19.3



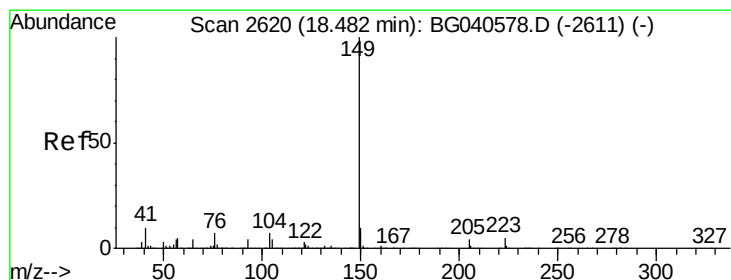
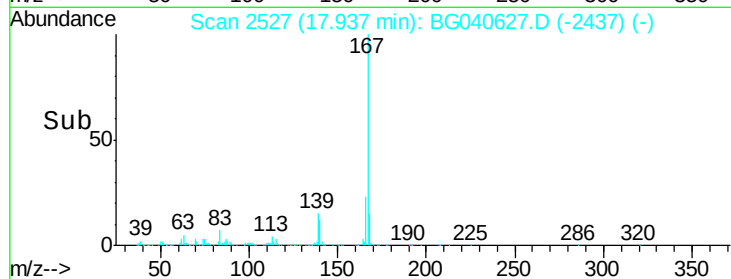
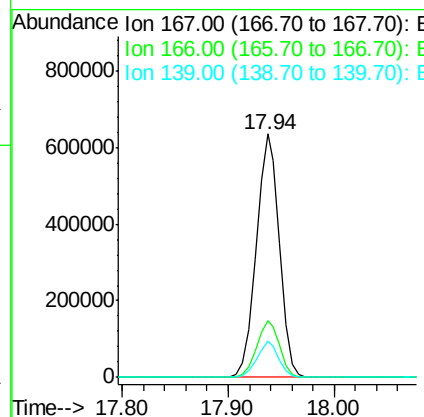
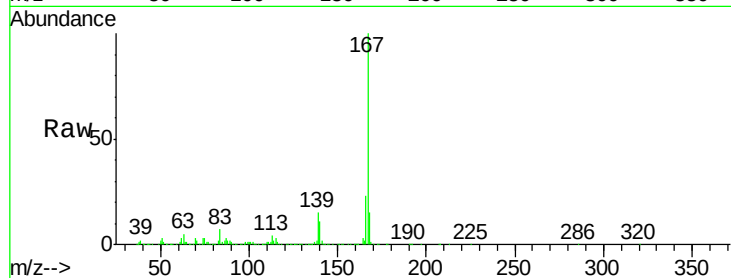




#73  
 Carbazole  
 Concen: 43.952 ng  
 RT: 17.94 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

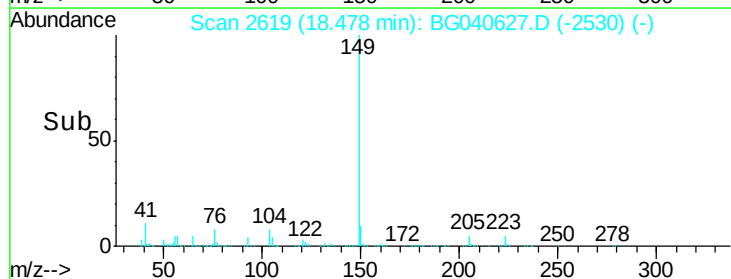
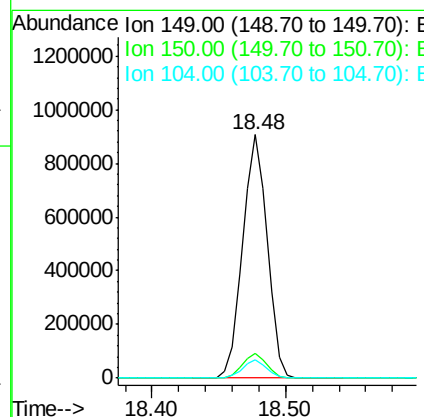
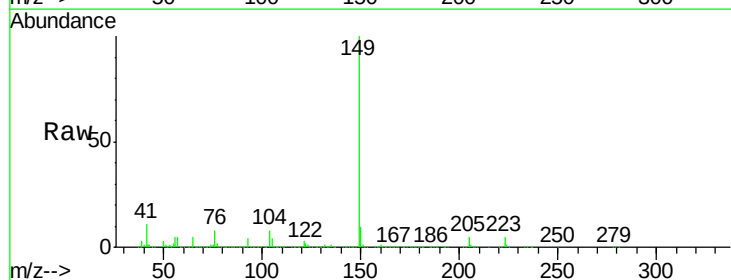
Instrument :  
 BNA\_G  
 ClientSampleId :

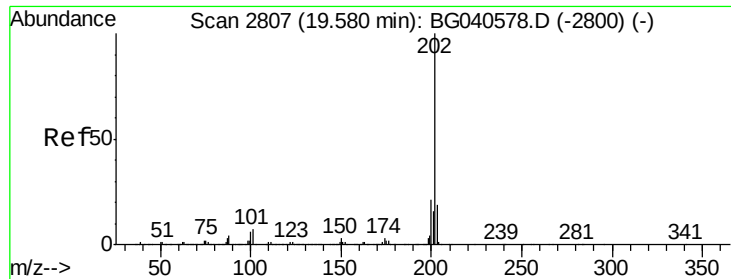
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.3  | 18.2  | 27.4  |
| 139     | 15.0  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 43.537 ng  
 RT: 18.48 min Scan# 2619  
 Delta R.T. -0.00 min  
 Lab File: BG040627.D  
 Acq: 26 Apr 2019 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.2  | 8.2   | 12.2  |
| 104     | 7.8   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 44.446 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

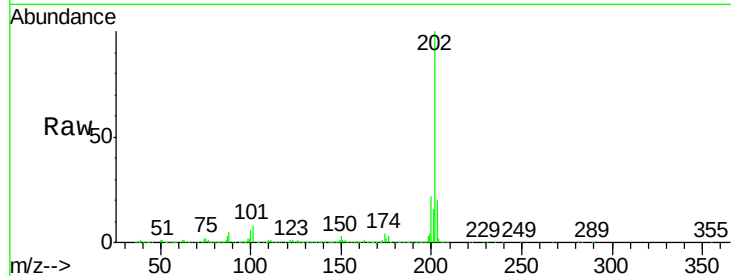
Tot Ion:202 Resp: 1326113

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.5

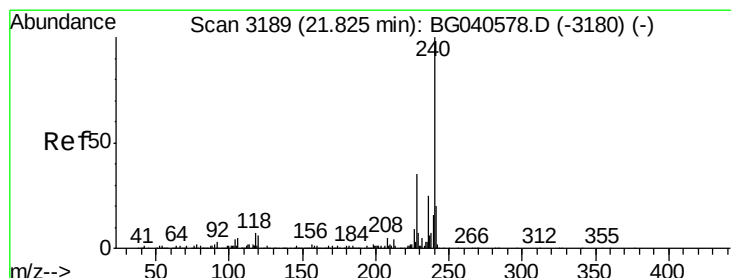
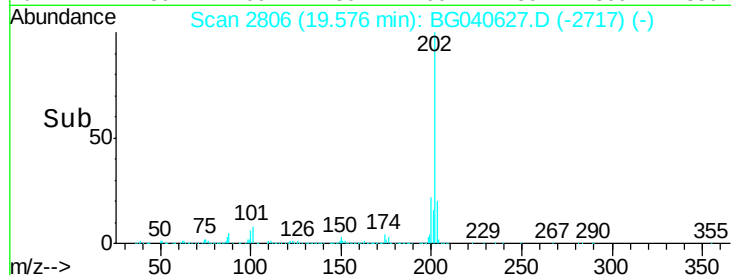
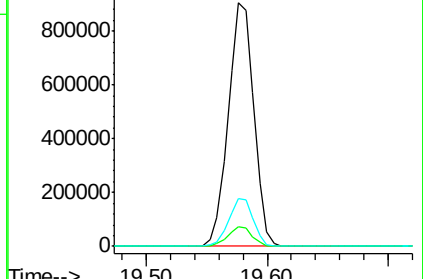
203 19.7 0.0 39.3



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: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

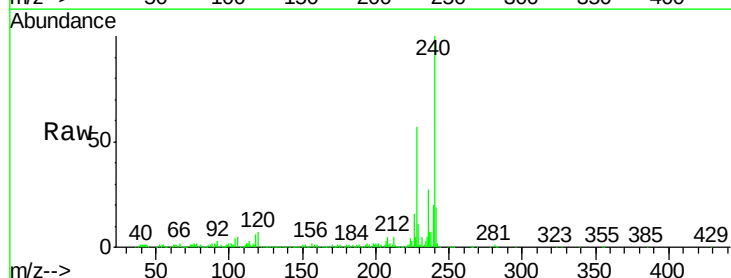
Tgt Ion:240 Resp: 435385

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.6

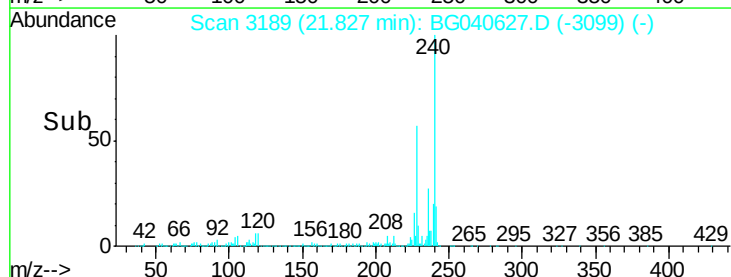
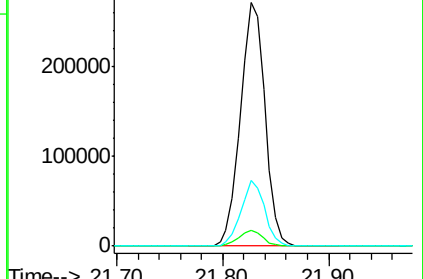
236 27.0 20.3 30.5

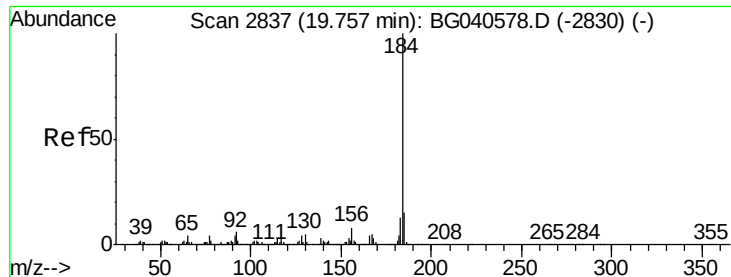


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.061 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampled :

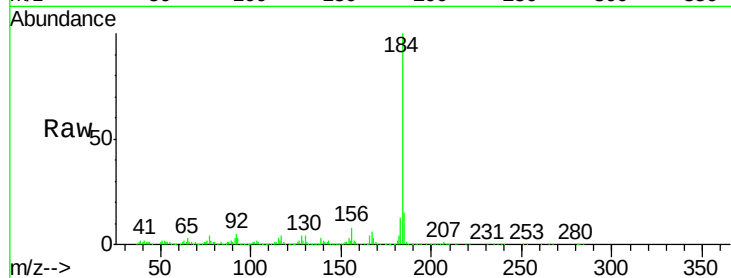
Tot Ion:184 Resp: 274913

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

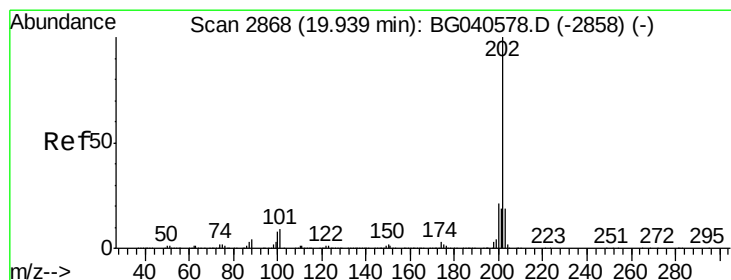
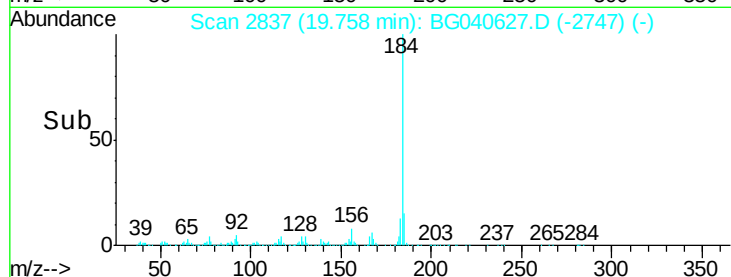
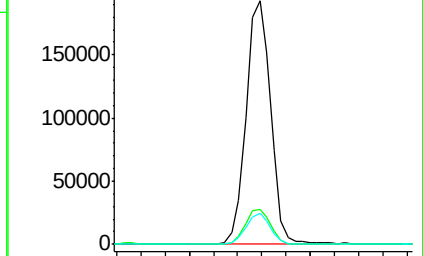
183 12.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.618 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

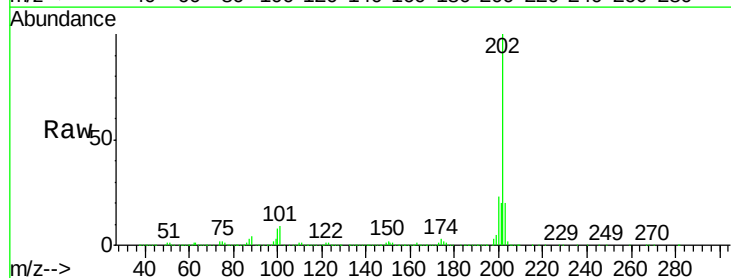
Tgt Ion:202 Resp: 1326684

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

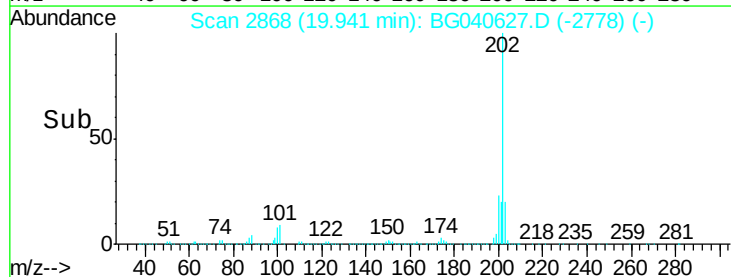
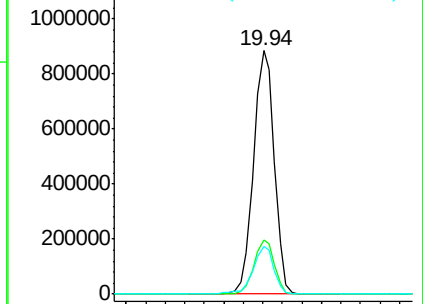
203 19.6 15.0 22.4

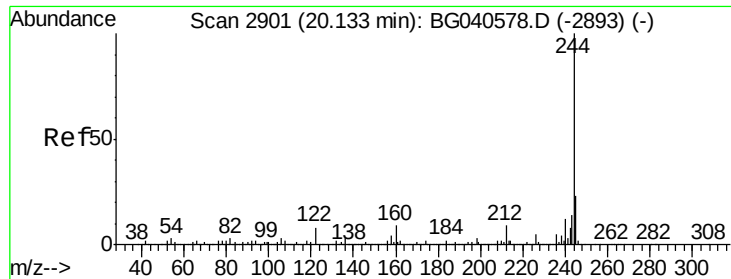


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.740 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

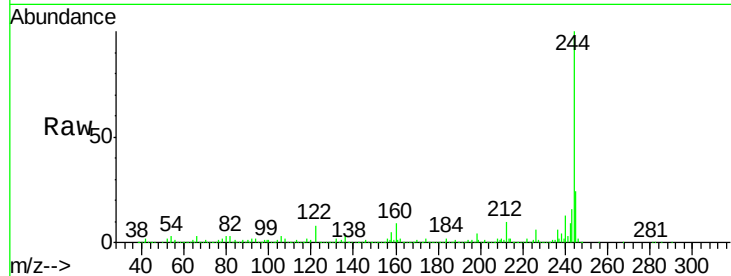
Tot Ion:244 Resp: 1861872

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

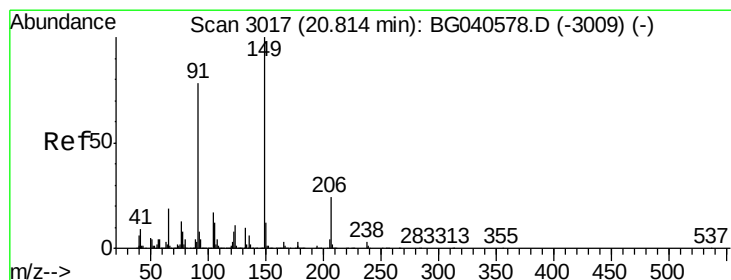
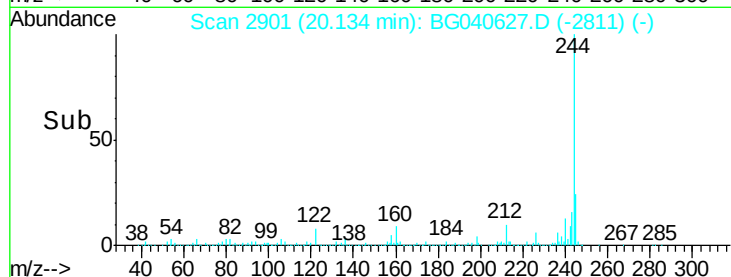
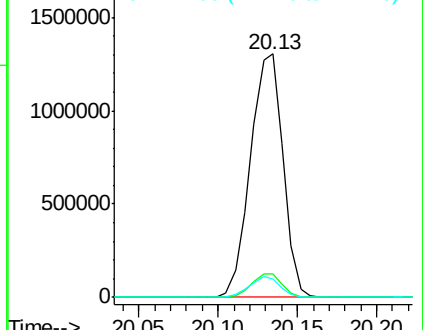
122 7.8 6.6 10.0



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: 51.152 ng

RT: 20.82 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

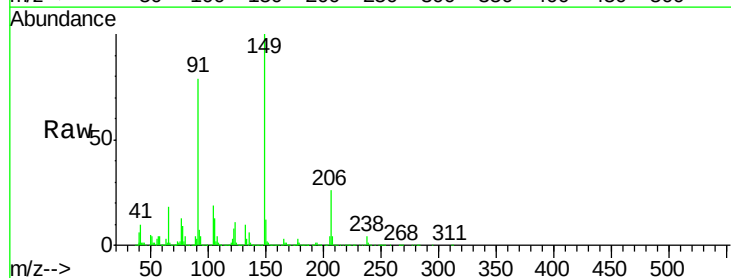
Tgt Ion:149 Resp: 544036

Ion Ratio Lower Upper

149 100

91 78.6 62.6 93.8

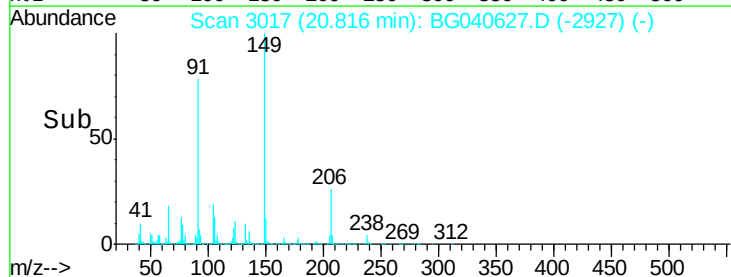
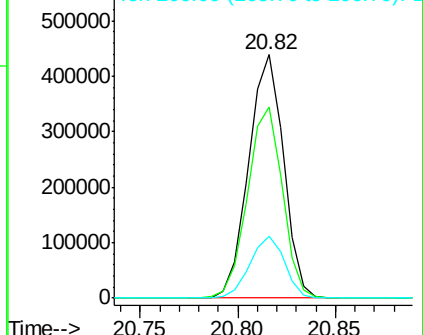
206 25.6 19.4 29.2

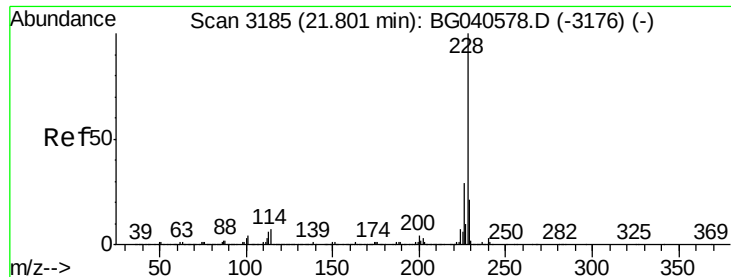


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.975 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

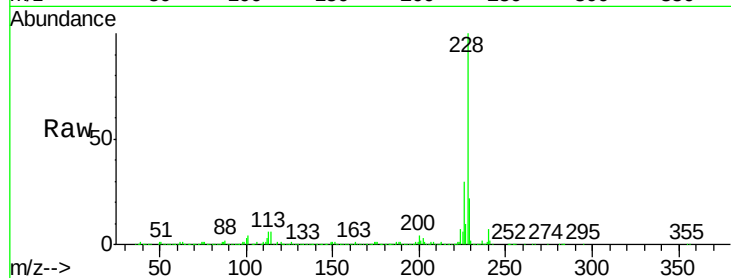
Instrument :

BNA\_G

ClientSampled :

Tot Ion:228 Resp: 1292597

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 23.1  | 34.7  |
| 229 | 21.7  | 17.0  | 25.4  |

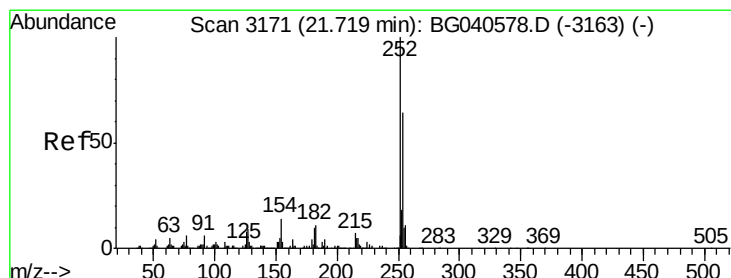
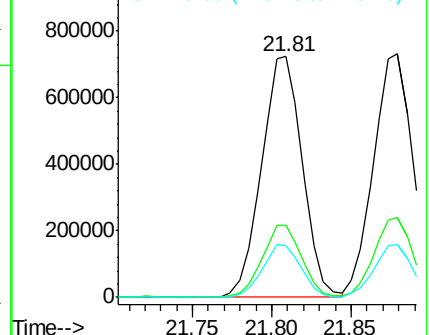
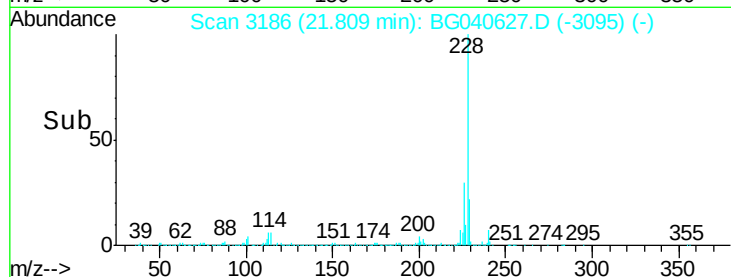


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 24.653 ng

RT: 21.72 min Scan# 3171

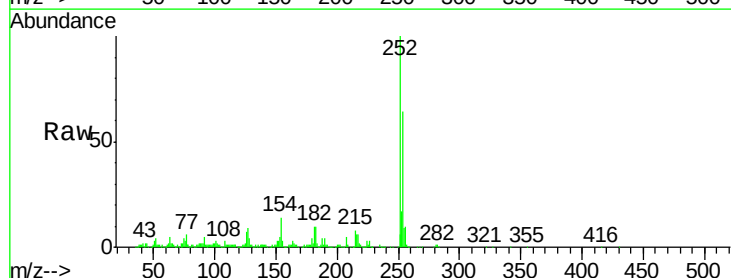
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:252 Resp: 241792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.9  | 51.2  | 76.8  |
| 126 | 7.4   | 6.6   | 10.0  |

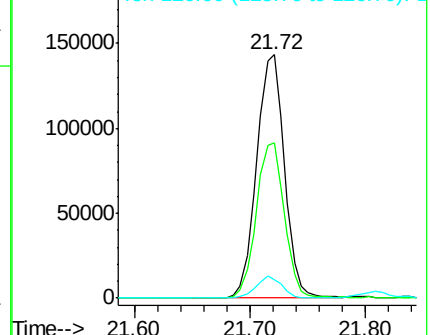
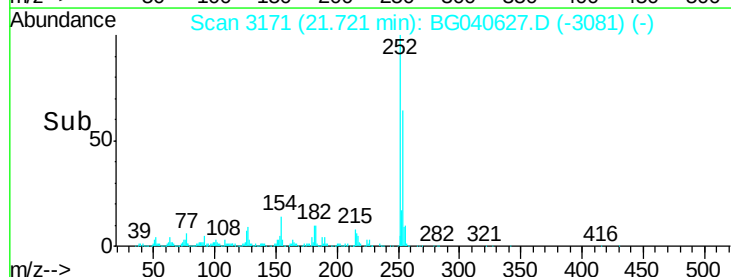


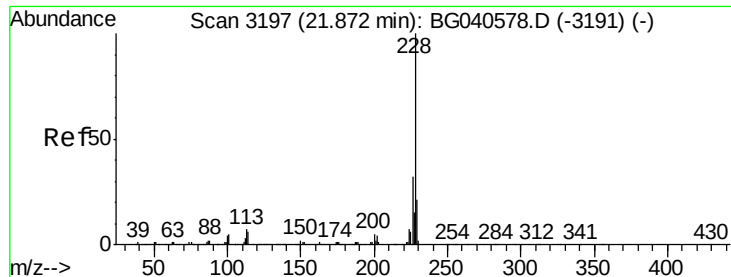
Abundance

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





#83

Chrysene

Concen: 48.031 ng

RT: 21.88 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampled :

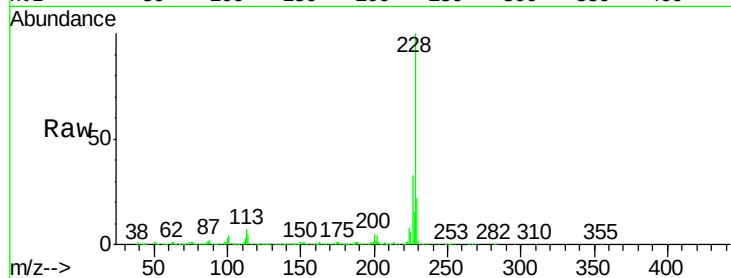
Tot Ion:228 Resp: 1256923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.9  | 25.5  | 38.3  |
| 229 | 21.7  | 16.8  | 25.2  |

228 100

226 32.9 25.5 38.3

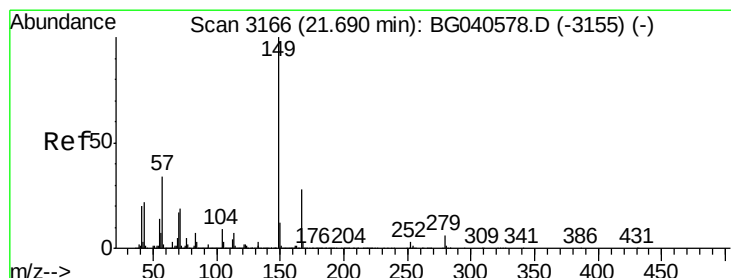
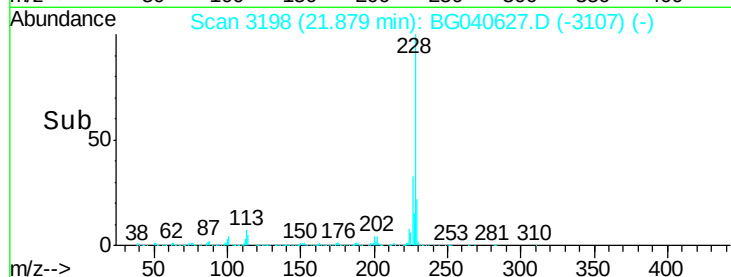
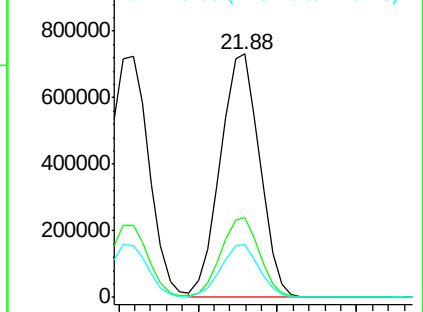
229 21.7 16.8 25.2



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: 48.600 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

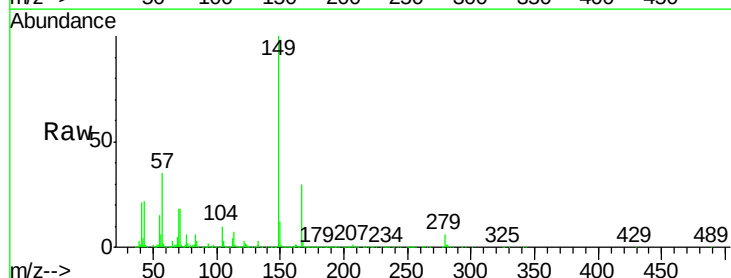
Tgt Ion:149 Resp: 746138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 22.4  | 33.6  |
| 279 | 5.8   | 4.6   | 6.8   |

149 100

167 30.0 22.4 33.6

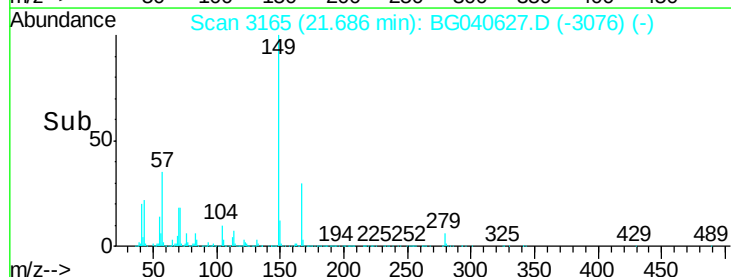
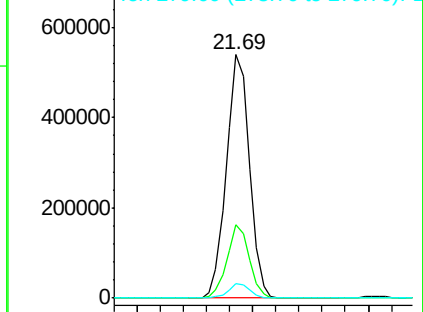
279 5.8 4.6 6.8

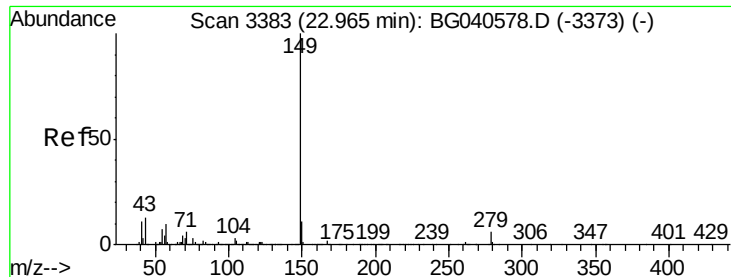


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.292 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

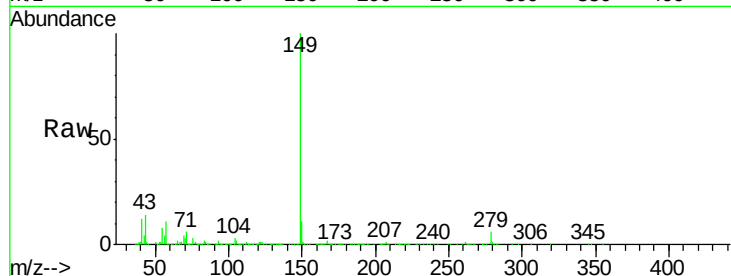
Tot Ion:149 Resp: 1274490

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

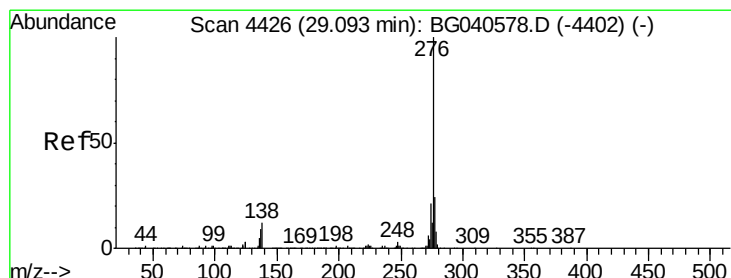
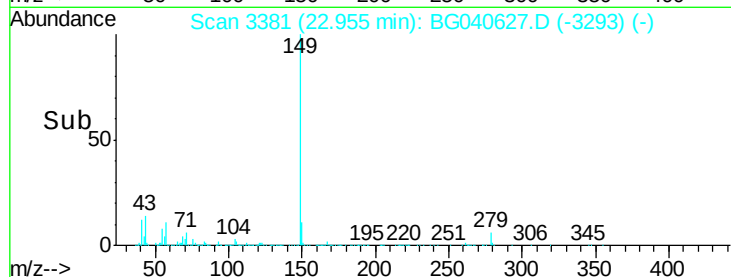
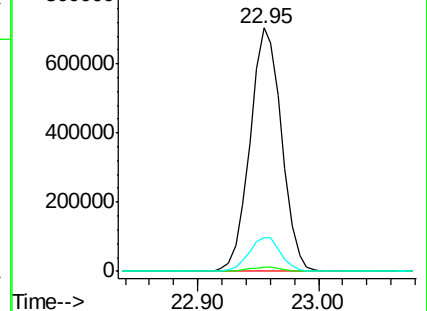
43 13.9 10.2 15.2



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.600 ng

RT: 29.11 min Scan# 4429

Delta R.T. 0.02 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

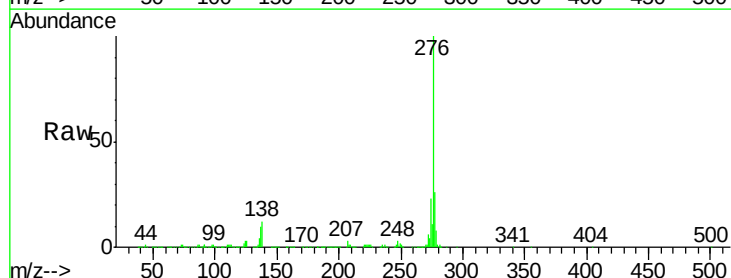
Tgt Ion:276 Resp: 1569338

Ion Ratio Lower Upper

276 100

138 10.8 9.8 14.6

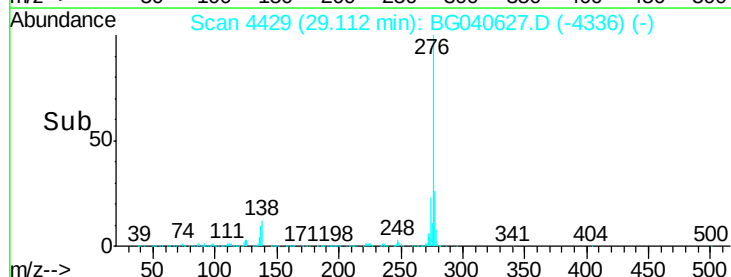
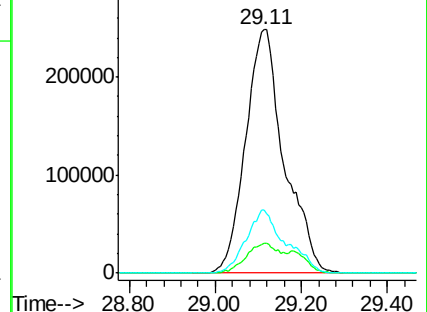
277 26.4 17.3 25.9#

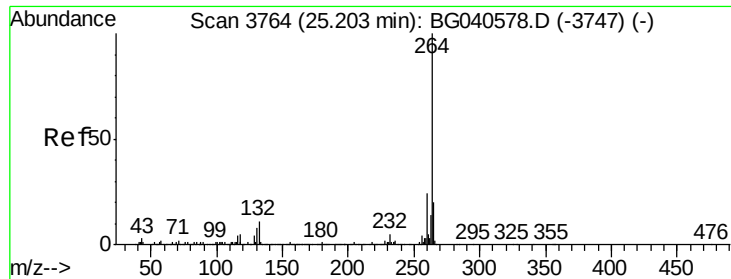


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.21 min Scan# 3765

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

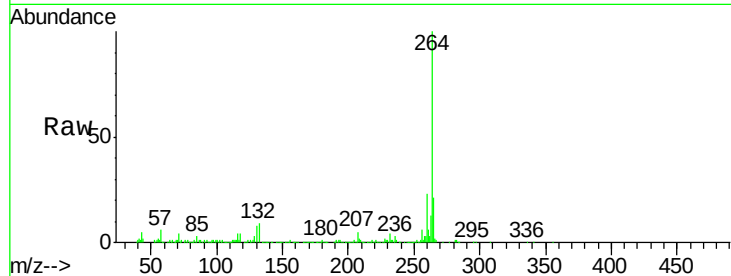
Tot Ion:264 Resp: 464337

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 19.2  | 28.8  |
| 265 | 21.1  | 16.6  | 25.0  |

264 100

260 22.6 19.2 28.8

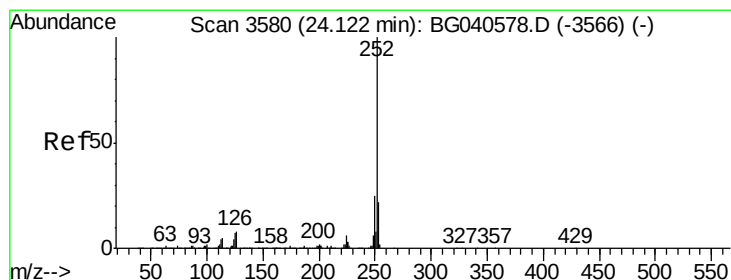
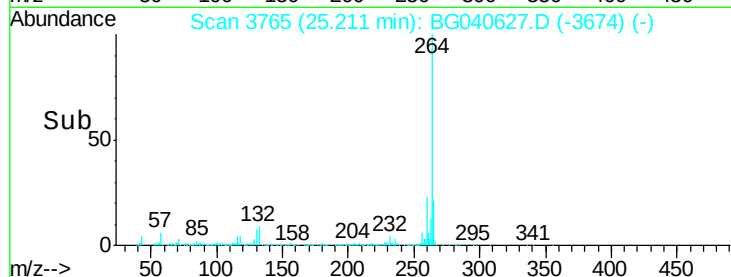
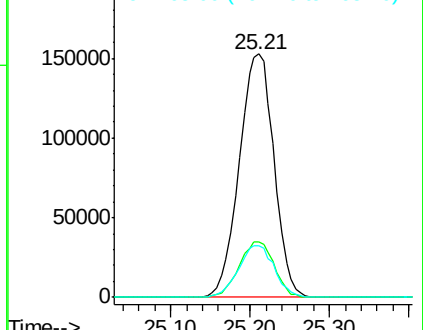
265 21.1 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.470 ng

RT: 24.13 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

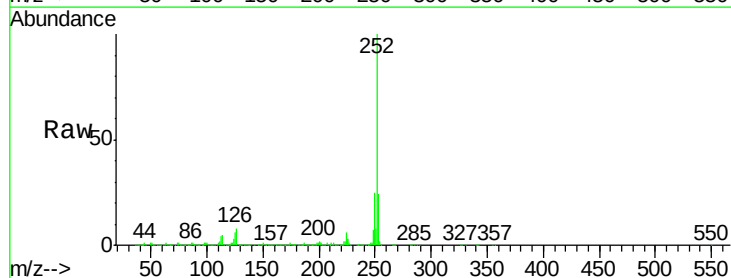
Tgt Ion:252 Resp: 1346955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.7  | 17.6  | 26.4  |
| 125 | 6.2   | 5.4   | 8.0   |

252 100

253 23.7 17.6 26.4

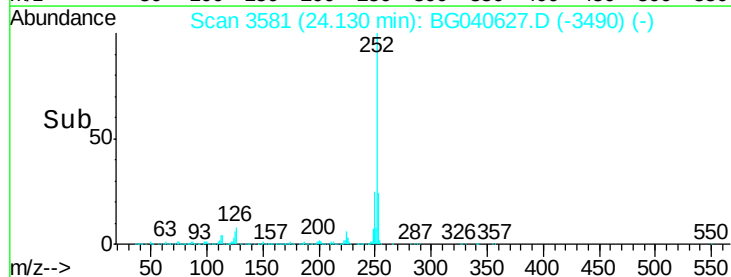
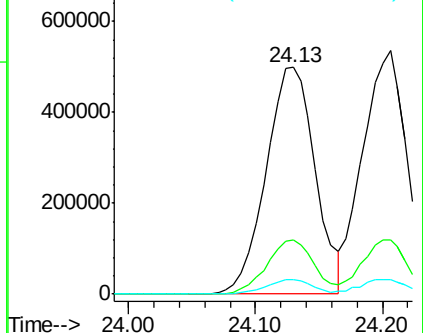
125 6.2 5.4 8.0



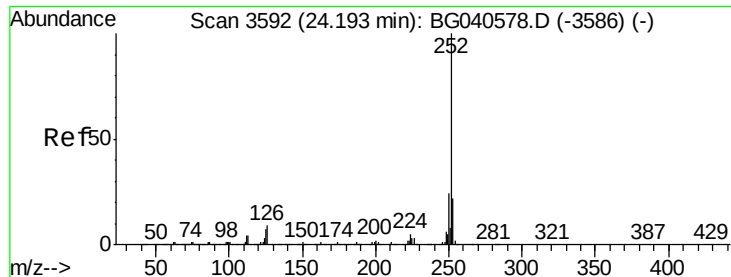
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 48.551 ng

RT: 24.21 min Scan# 3594

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA\_G

ClientSampleId :

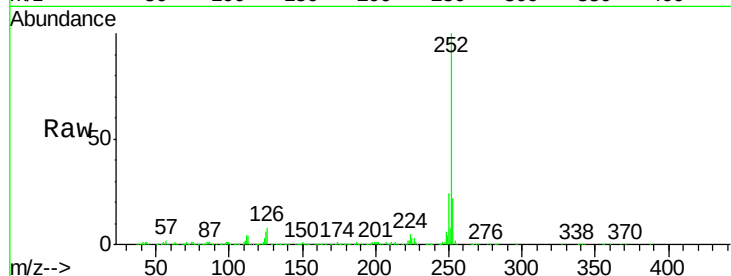
Tot Ion:252 Resp: 1286582

Ion Ratio Lower Upper

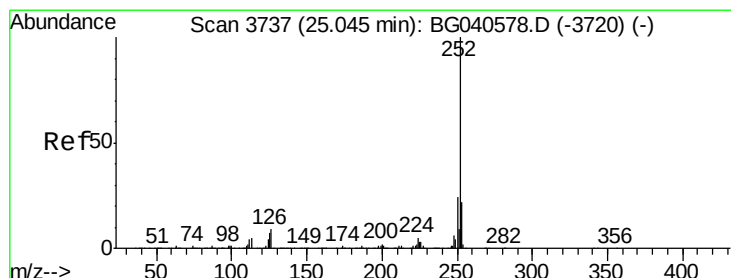
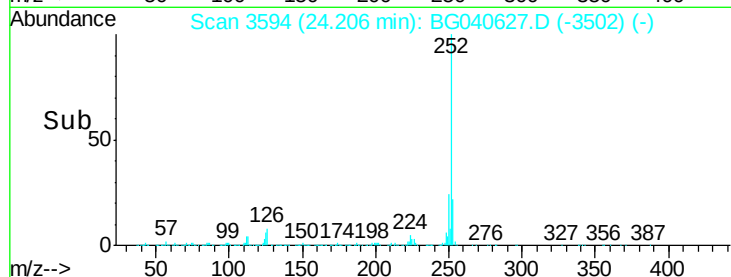
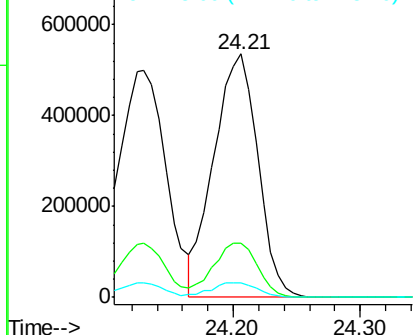
252 100

253 22.4 17.6 26.4

125 6.0 5.5 8.3



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



#90

Benzo(a)pyrene

Concen: 48.277 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

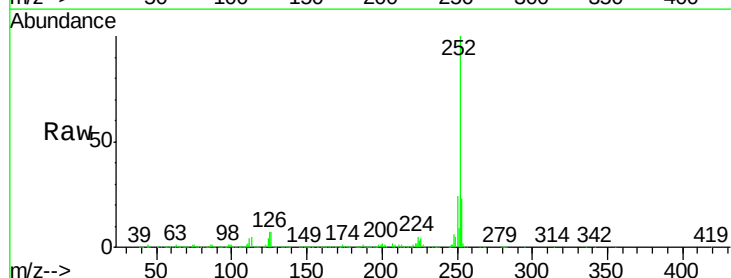
Tgt Ion:252 Resp: 1296689

Ion Ratio Lower Upper

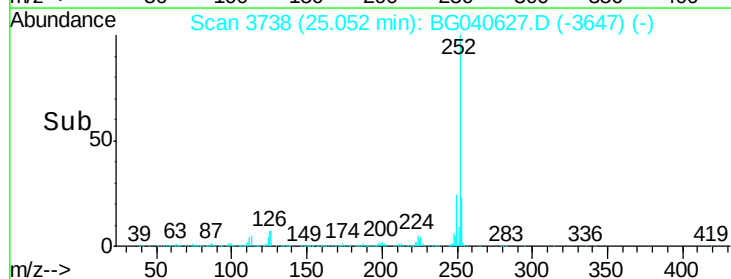
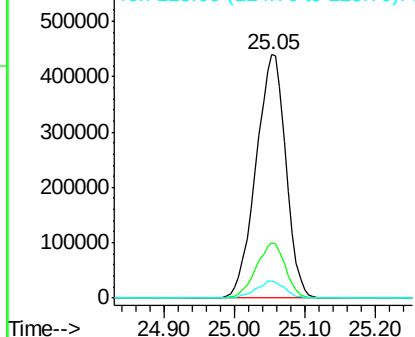
252 100

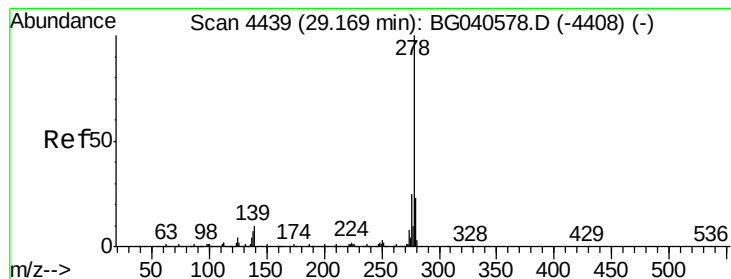
253 22.9 17.8 26.6

125 7.3 5.7 8.5



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





#91

Dibenzo(a,h)anthracene

Concen: 47.426 ng

RT: 29.19 min Scan# 4442

Delta R.T. 0.02 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

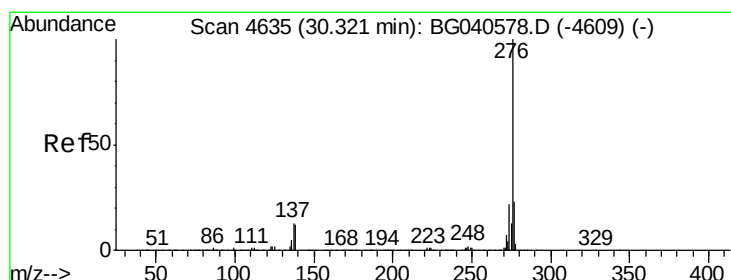
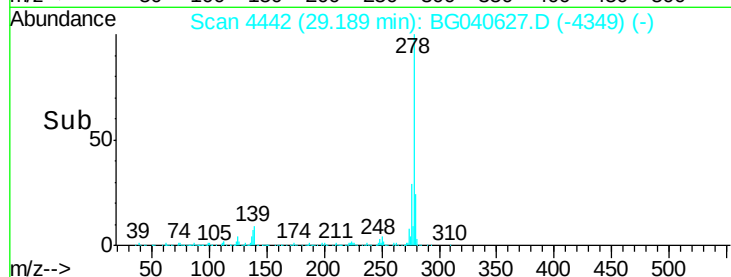
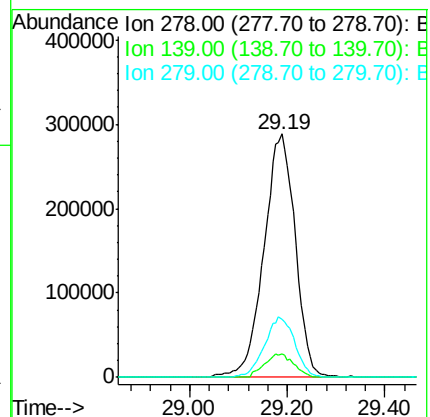
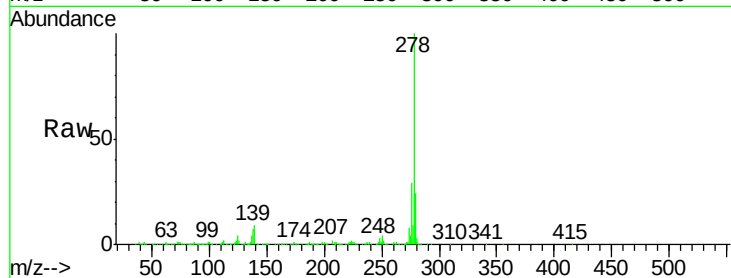
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 1289073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.4   | 8.2   | 12.4  |
| 279 | 23.9  | 18.5  | 27.7  |



#92

Benzo(g,h,i)perylene

Concen: 47.784 ng

RT: 30.34 min Scan# 4638

Delta R.T. 0.02 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:276 Resp: 1292624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 18.4  | 27.6  |
| 138 | 13.0  | 9.8   | 14.6  |

