

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\  
 Data File : BG040638.D  
 Acq On : 26 Apr 2019 20:37  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Apr 27 02:04:10 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 | 8.16  | 152  | 55836    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 248951   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.79 | 164  | 179929   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.53 | 188  | 447492   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.82 | 240  | 423651   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.20 | 264  | 458193   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 259699  | 81.99 | ng | 0.00 |
| 7) Phenol-d6             | 7.29  | 99  | 422935  | 86.72 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 486419  | 90.28 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 211696  | 85.60 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.41 | 172 | 1008424 | 80.94 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.13 | 244 | 1721873 | 90.04 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 56537  | 39.247 | ng | 97     |
| 3) Pyridine                    | 3.96  | 79  | 175910 | 42.130 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 102180 | 44.120 | ng | # 97   |
| 6) Aniline                     | 7.48  | 93  | 262436 | 40.597 | ng | 96     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 156688 | 40.512 | ng | 96     |
| 9) Benzaldehyde                | 7.29  | 77  | 133361 | 48.174 | ng | 95     |
| 10) Phenol                     | 7.32  | 94  | 219630 | 41.893 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 160177 | 40.743 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 173828 | 41.177 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 172586 | 40.329 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 167666 | 40.626 | ng | 99     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 209691 | 41.321 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 317767 | 40.598 | ng | 99     |
| 17) 2-Methylphenol             | 8.58  | 107 | 154953 | 41.765 | ng | 94     |
| 18) Hexachloroethane           | 9.25  | 117 | 71755  | 40.875 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70  | 179274 | 40.835 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 214404 | 41.483 | ng | 95     |
| 22) Acetophenone               | 8.99  | 105 | 286492 | 41.384 | ng | # 97   |
| 24) Nitrobenzene               | 9.38  | 77  | 260582 | 45.330 | ng | 97     |
| 25) Isophorone                 | 9.90  | 82  | 488023 | 40.664 | ng | 99     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 97540  | 47.336 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 158206 | 40.920 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 245239 | 40.728 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 187239 | 42.599 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 203326 | 41.714 | ng | 96     |
| 31) Naphthalene                | 11.04 | 128 | 554087 | 41.894 | ng | 99     |
| 32) Benzoic acid               | 10.26 | 122 | 133058 | 50.272 | ng | 98     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 237250 | 40.458 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 156801 | 43.574 | ng | 97     |
| 35) Caprolactam                | 11.94 | 113 | 72217  | 41.615 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 236167 | 42.592 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.62 | 142 | 420172 | 42.490 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.84 | 142 | 401776 | 41.567 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 283847 | 42.347 | ng | 98     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

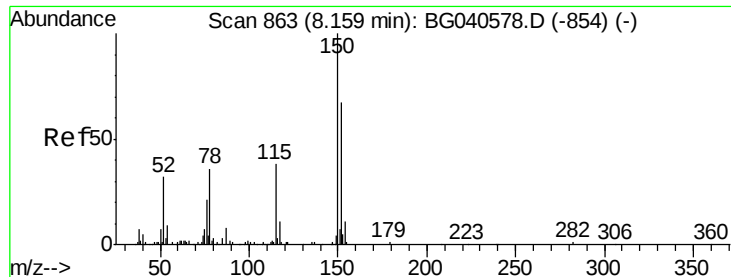
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDCCC040EC

Quant Time: Apr 27 02:04:10 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  | 144090   | 36.431 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.22 | 196  | 176120   | 43.480 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 190721   | 43.223 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.62 | 154  | 562702   | 40.280 | ng    | 95       |
| 47) 2-Chloronaphthalene        | 13.67 | 162  | 443257   | 40.544 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.88 | 65   | 190040   | 48.833 | ng    | 99       |
| 49) Acenaphthylene             | 14.52 | 152  | 739857   | 39.888 | ng    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 600621   | 39.897 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.36 | 165  | 130876   | 44.544 | ng    | 96       |
| 52) Acenaphthene               | 14.85 | 154  | 429914   | 39.800 | ng    | 95       |
| 53) 3-Nitroaniline             | 14.70 | 138  | 134550   | 44.694 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.89 | 184  | 71062    | 46.138 | ng    | # 81     |
| 55) Dibenzofuran               | 15.19 | 168  | 711258   | 40.200 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 111058   | 42.544 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 183440   | 45.947 | ng    | 95       |
| 58) Fluorene                   | 15.83 | 166  | 582713   | 40.748 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 192422   | 43.326 | ng    | 99       |
| 60) Diethylphthalate           | 15.59 | 149  | 632198   | 39.802 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 342204   | 41.144 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 148883   | 44.211 | ng    | 96       |
| 63) Azobenzene                 | 16.11 | 77   | 654392   | 40.005 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 94921    | 43.782 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 514105   | 39.049 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.71 | 248  | 226862   | 40.692 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.82 | 284  | 236263   | 40.984 | ng    | 100      |
| 69) Atrazine                   | 16.98 | 200  | 201420   | 38.614 | ng    | 99       |
| 70) Pentachlorophenol          | 17.17 | 266  | 146092   | 43.308 | ng    | 94       |
| 71) Phenanthrene               | 17.58 | 178  | 959335   | 39.801 | ng    | 98       |
| 72) Anthracene                 | 17.67 | 178  | 964805   | 39.823 | ng    | 99       |
| 73) Carbazole                  | 17.94 | 167  | 866337   | 39.248 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 1046894  | 39.295 | ng    | 99       |
| 75) Fluoranthene               | 19.57 | 202  | 1198043  | 39.886 | ng    | 100      |
| 77) Benzidine                  | 19.76 | 184  | 552923   | 47.667 | ng    | 99       |
| 78) Pyrene                     | 19.94 | 202  | 1199469  | 45.173 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 465664   | 44.996 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1196573  | 44.690 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.71 | 252  | 434630   | 45.543 | ng    | 97       |
| 83) Chrysene                   | 21.87 | 228  | 1145307  | 44.978 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 647761   | 43.361 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.95 | 149  | 1101148  | 43.768 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 1387649  | 45.073 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 24.12 | 252  | 1169530  | 41.770 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.19 | 252  | 1101125  | 42.110 | ng    | 98       |
| 90) Benzo(a)pyrene             | 25.04 | 252  | 1113490  | 42.012 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.16 | 278  | 1110197  | 41.393 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.32 | 276  | 1116504  | 41.827 | ng    | 99       |

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



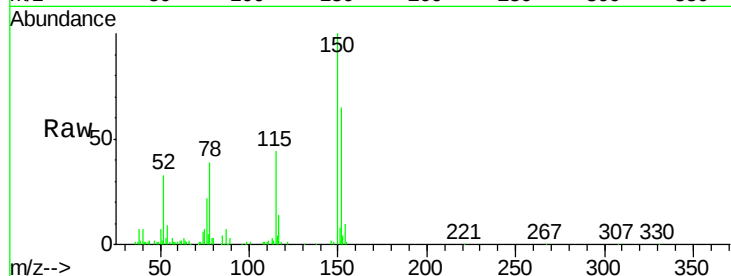


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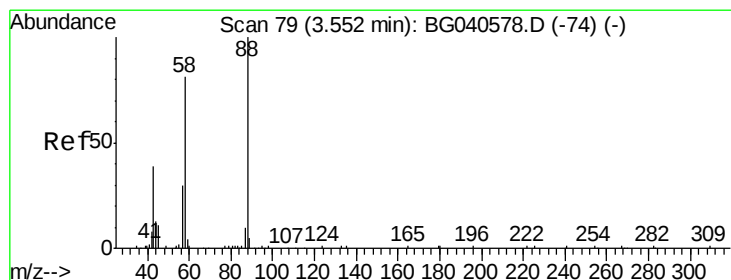
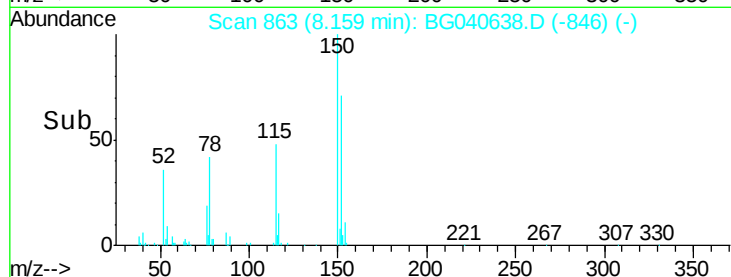
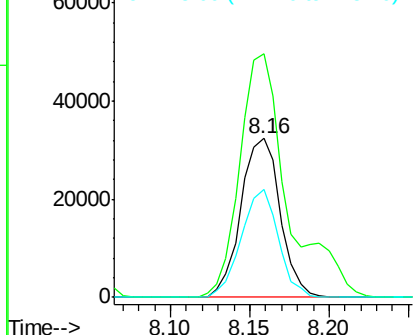
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.16 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:152 Resp: 55836  
Ion Ratio Lower Upper  
152 100  
150 153.4 120.2 180.2  
115 67.8 46.2 69.2



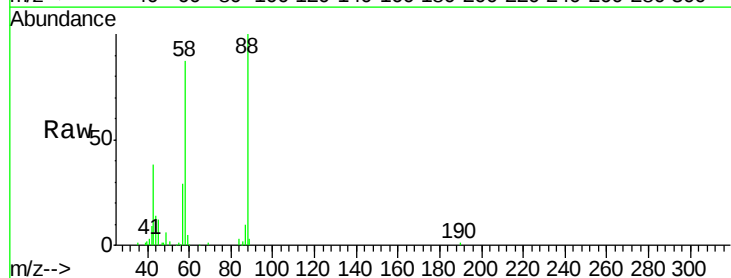
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



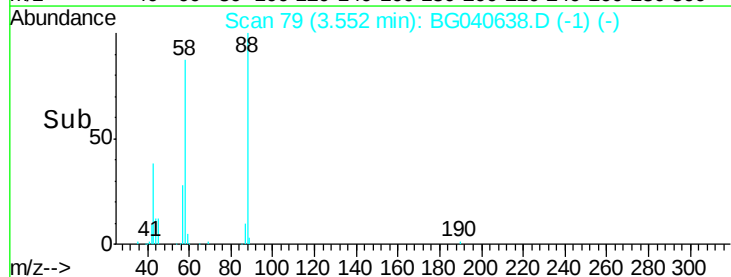
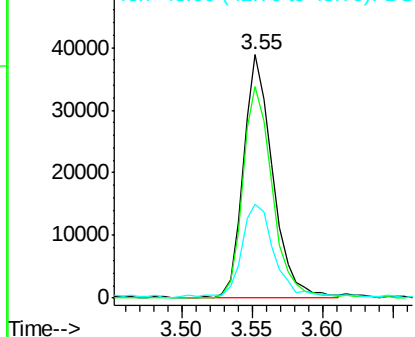
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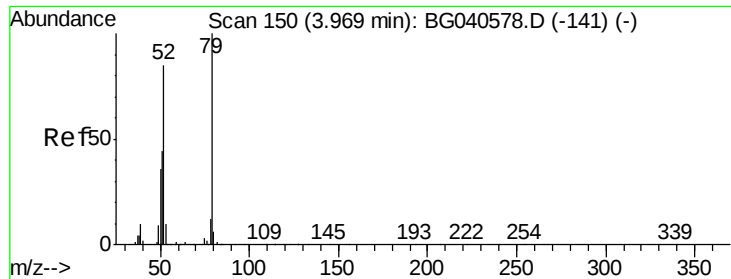
1,4-Dioxane  
Concen: 39.247 ng  
RT: 3.55 min Scan# 79  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Tgt Ion: 88 Resp: 56537  
Ion Ratio Lower Upper  
88 100  
58 87.8 71.2 106.8  
43 41.3 35.6 53.4



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





#3

Pvridine

Concen: 42.130 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

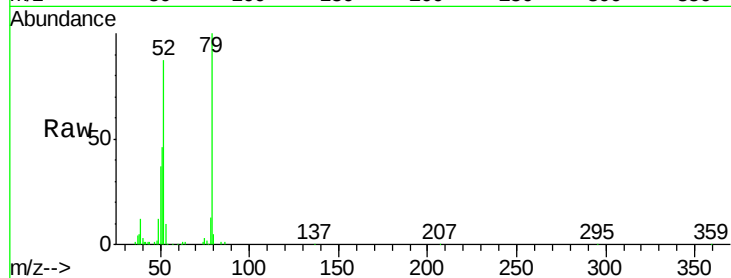
Tot Ion: 79 Resp: 175910

Ion Ratio Lower Upper

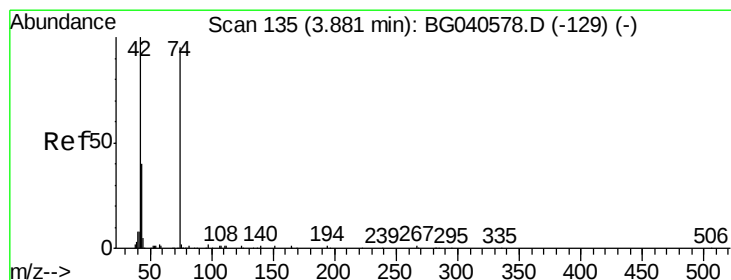
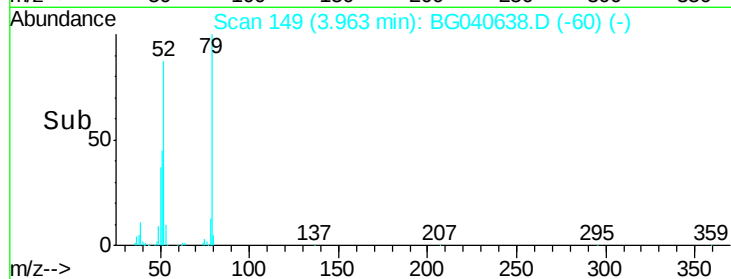
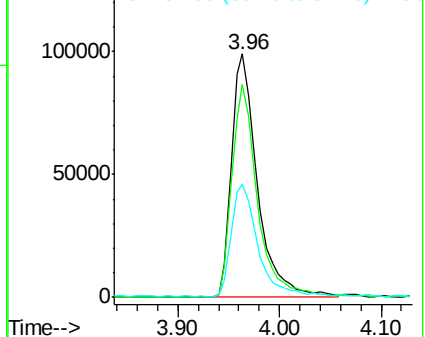
79 100

52 87.3 67.5 101.3

51 46.3 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 44.120 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

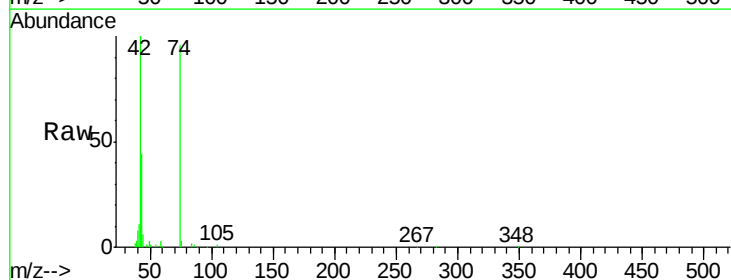
Tgt Ion: 42 Resp: 102180

Ion Ratio Lower Upper

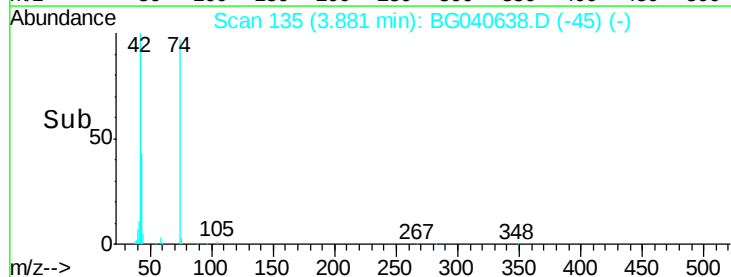
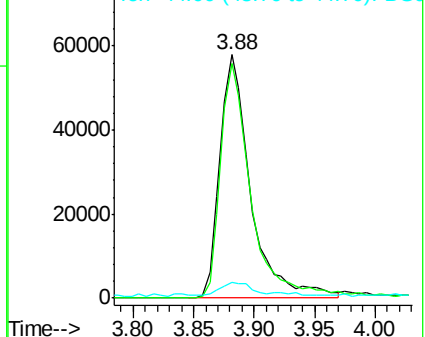
42 100

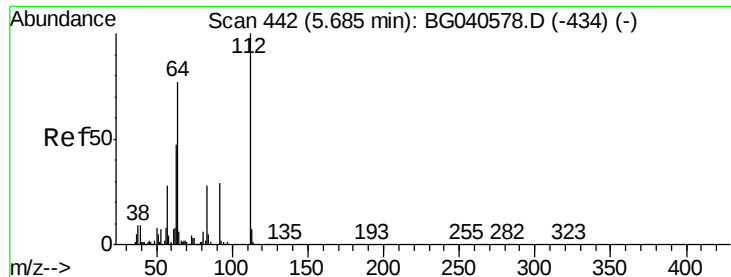
74 96.1 74.6 111.8

44 6.3 7.4 11.0#



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





#5

2-Fluorophenol

Concen: 81.988 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

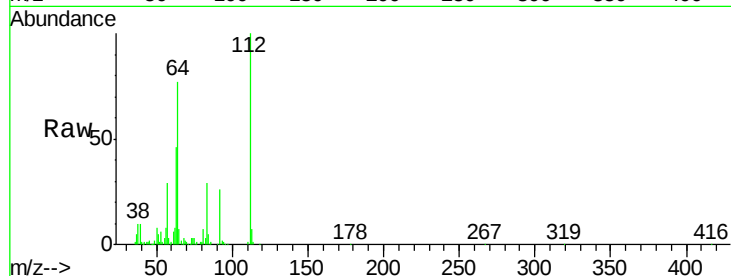
Tot Ion:112 Resp: 259699

Ion Ratio Lower Upper

112 100

64 77.0 61.4 92.0

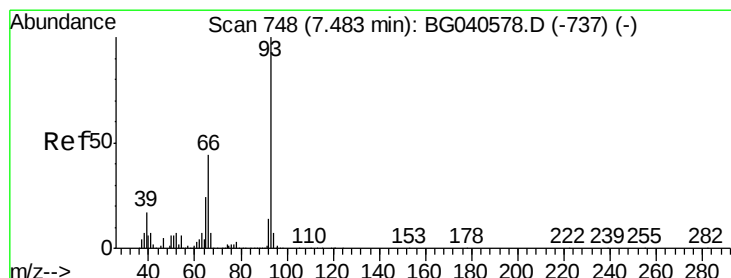
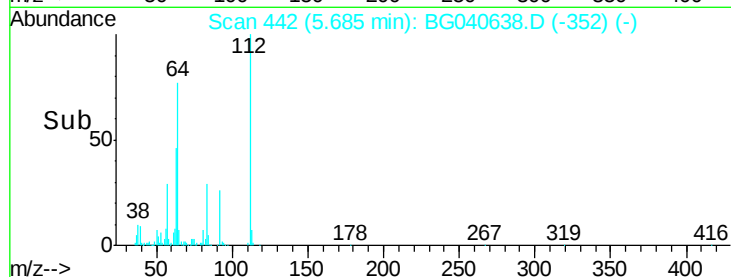
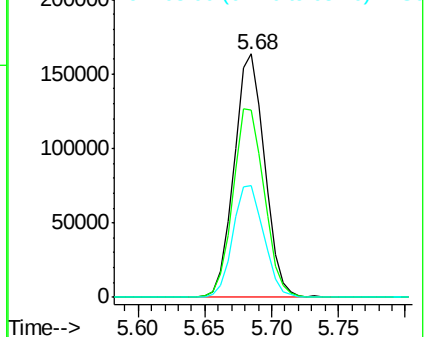
63 46.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.597 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

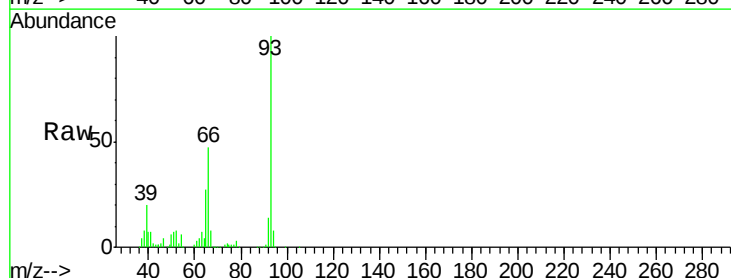
Tgt Ion: 93 Resp: 262436

Ion Ratio Lower Upper

93 100

66 46.5 35.5 53.3

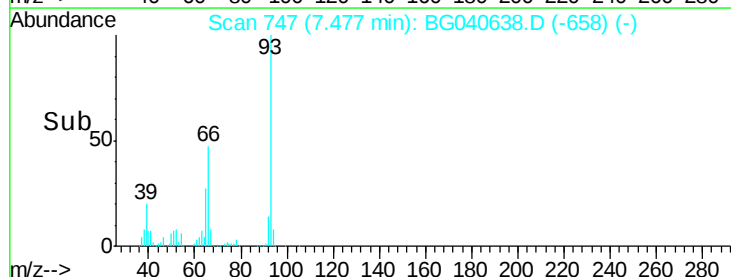
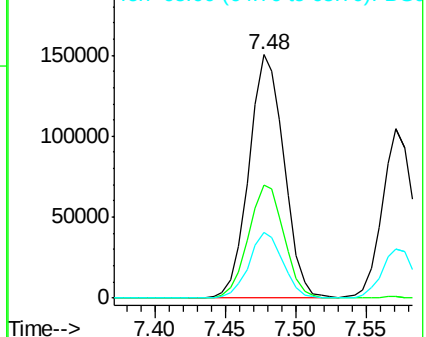
65 26.8 19.2 28.8

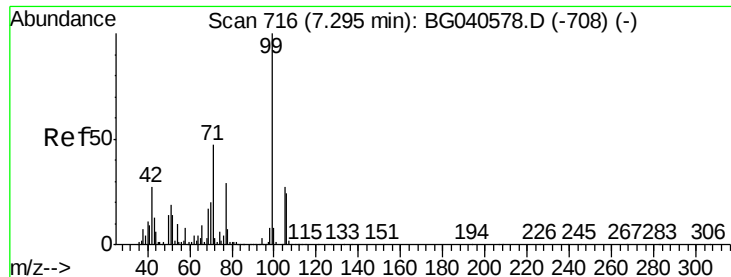


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.719 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

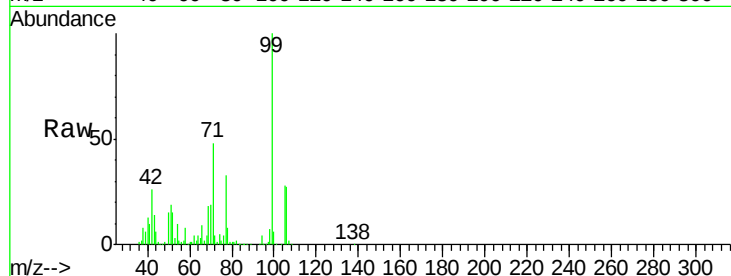
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 422935

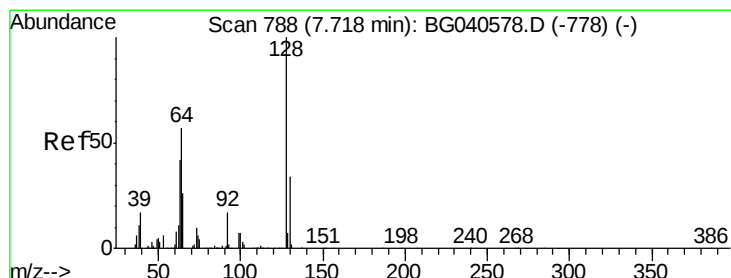
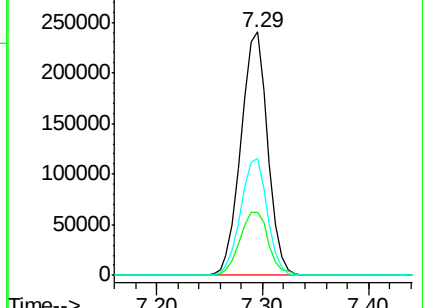
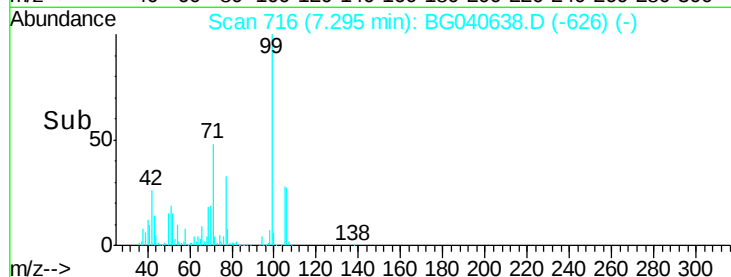
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.8  | 21.8  | 32.8  |
| 71  | 48.2  | 38.6  | 57.8  |



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.512 ng

RT: 7.71 min Scan# 787

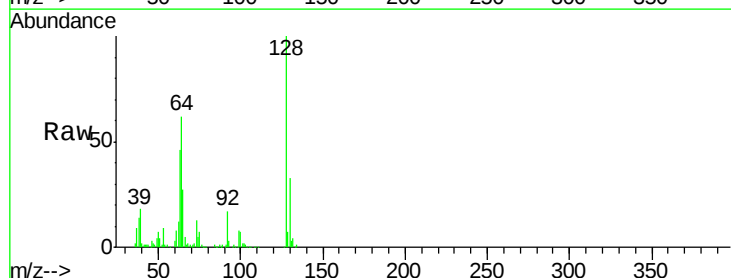
Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Tgt Ion: 128 Resp: 156688

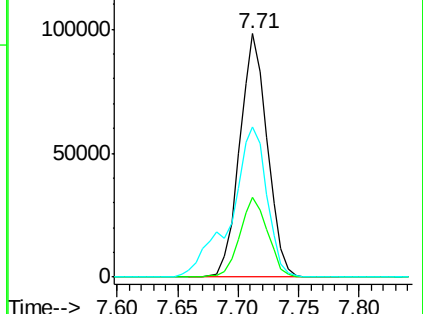
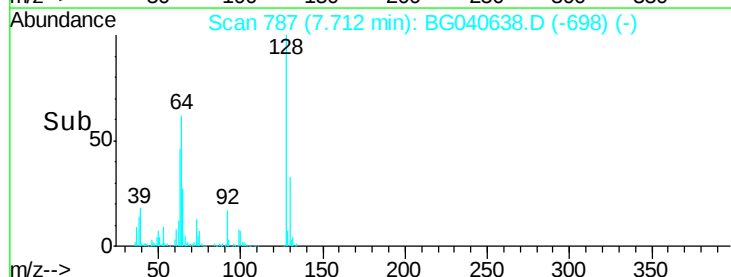
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 14.5  | 54.5  |
| 64  | 61.9  | 38.4  | 78.4  |

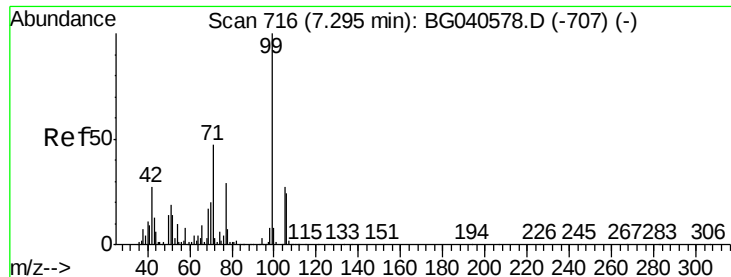


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 48.174 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

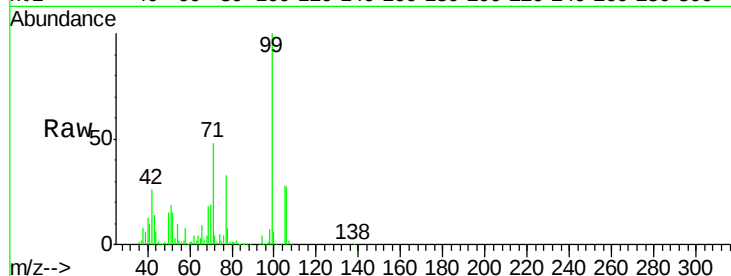
Tot Ion: 77 Resp: 133361

Ion Ratio Lower Upper

77 100

105 84.9 72.0 112.0

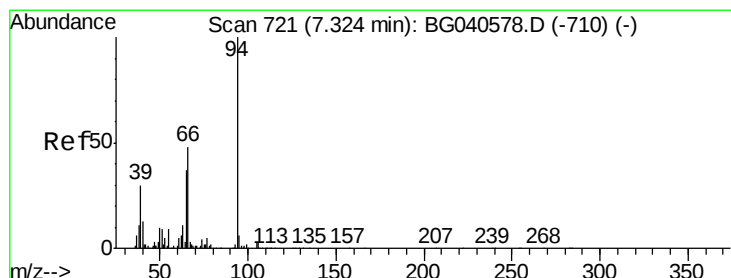
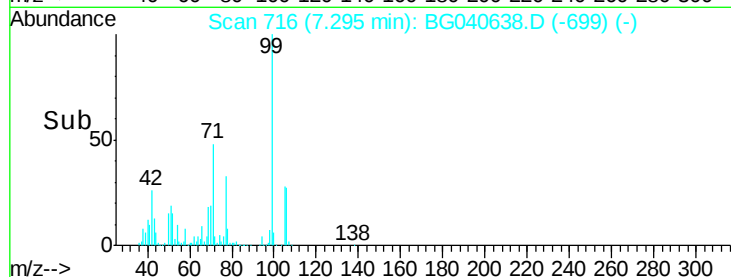
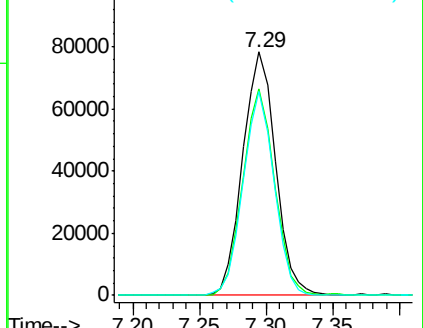
106 83.5 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.893 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

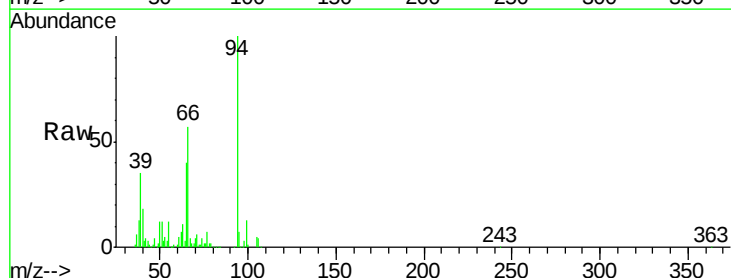
Tgt Ion: 94 Resp: 219630

Ion Ratio Lower Upper

94 100

65 40.3 17.0 57.0

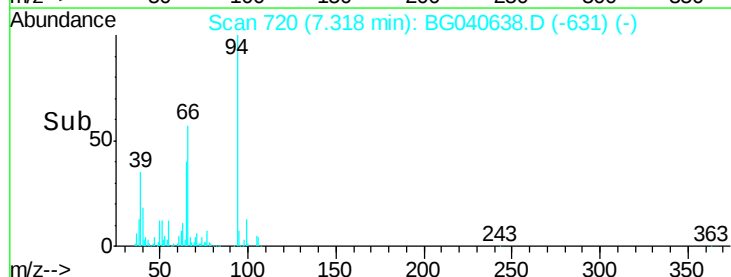
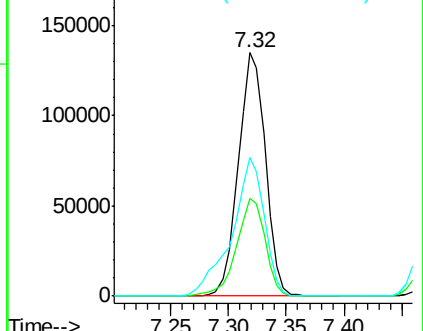
66 57.2 28.6 68.6

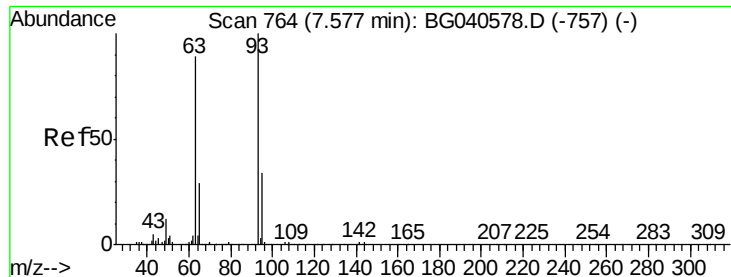


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

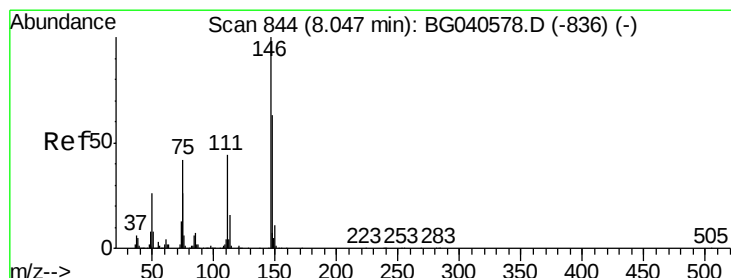
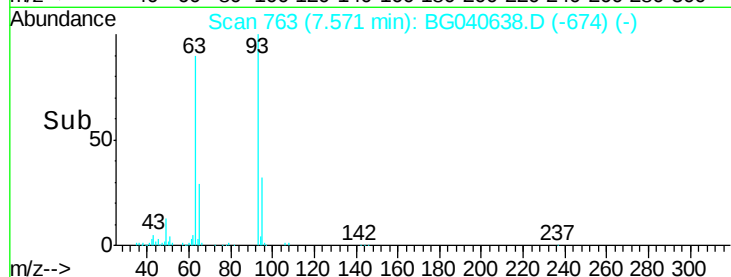
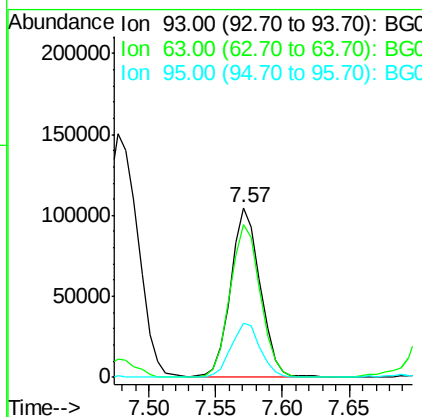
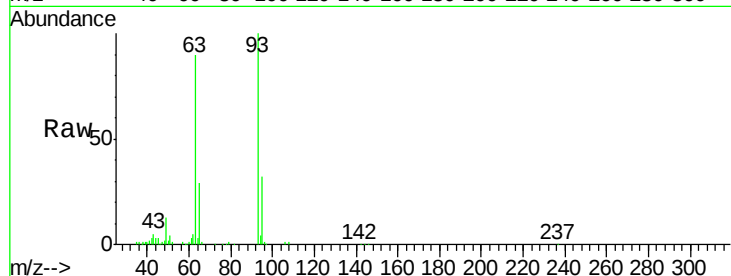




#11  
bis(2-Chloroethyl)ether  
Concen: 40.743 ng  
RT: 7.57 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

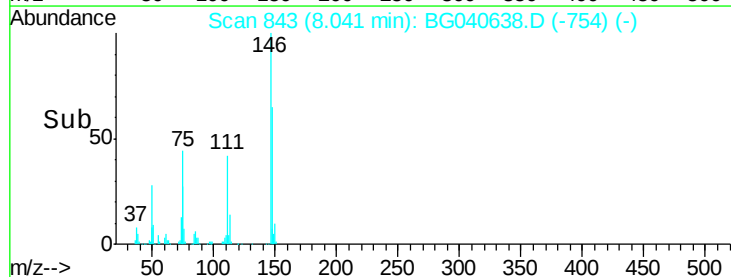
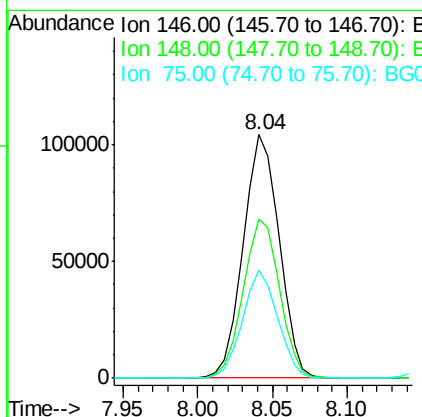
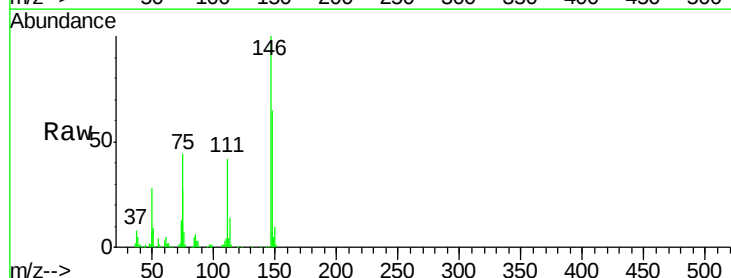
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

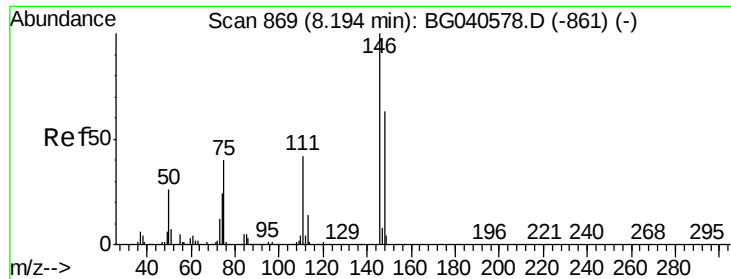
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.9  | 68.2  | 108.2 |
| 95      | 31.6  | 14.3  | 54.3  |



#12  
1,3-Dichlorobenzene  
Concen: 41.177 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 50.7  | 76.1  |
| 75      | 44.5  | 33.4  | 50.2  |

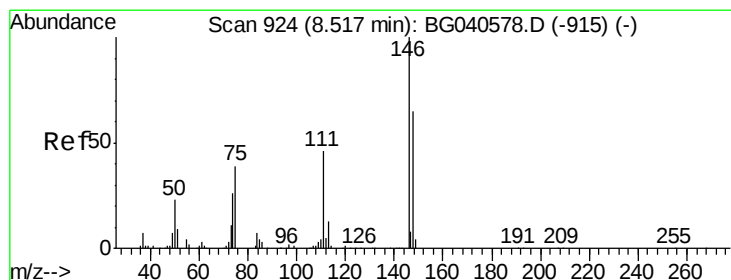
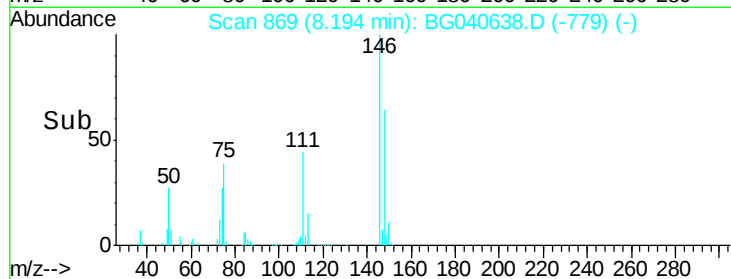
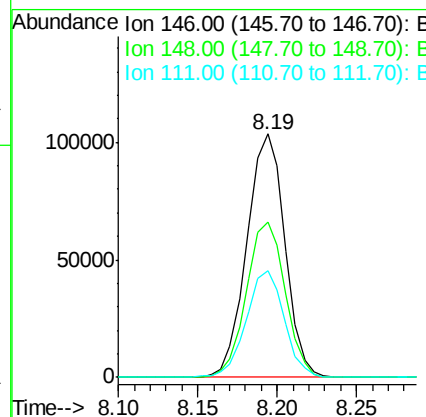
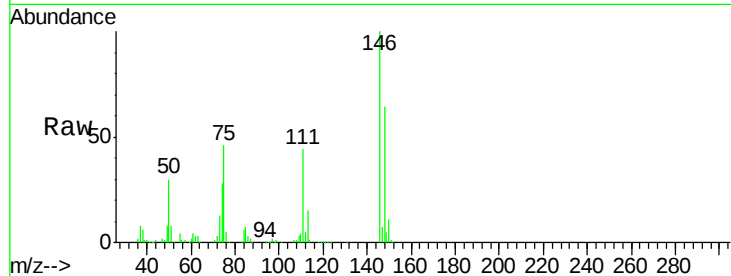




#13  
 1,4-Dichlorobenzene  
 Concen: 40.329 ng  
 RT: 8.19 min Scan# 869  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

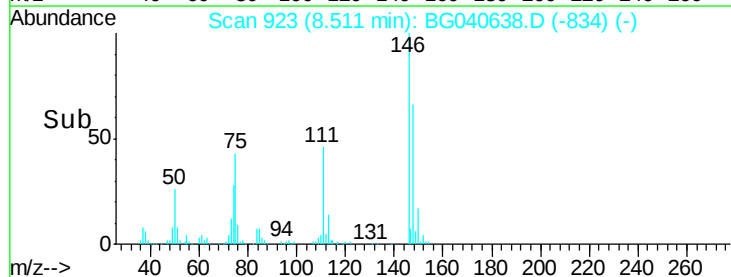
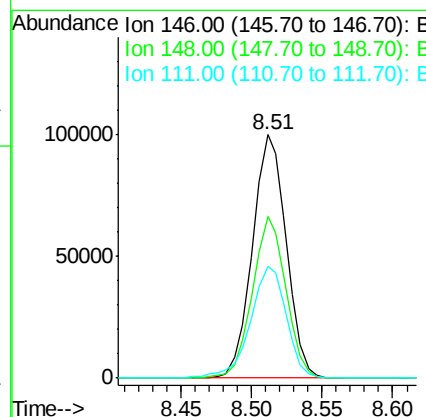
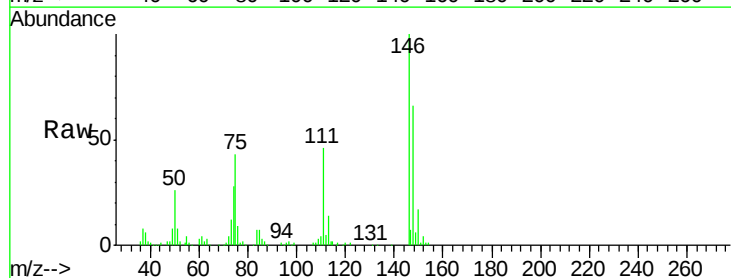
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

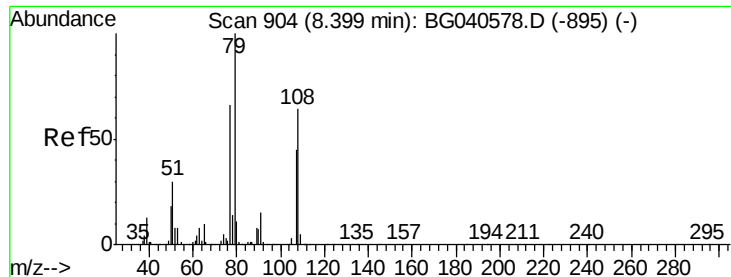
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.6  | 75.8  |
| 111     | 43.8  | 34.3  | 51.5  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.626 ng  
 RT: 8.51 min Scan# 923  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.5  | 52.2  | 78.4  |
| 111     | 46.0  | 37.4  | 56.0  |





#15

Benzyl Alcohol

Concen: 41.321 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

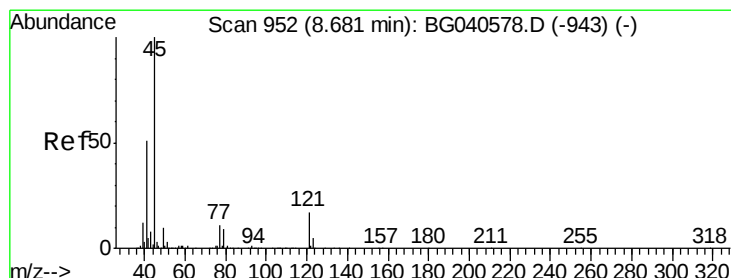
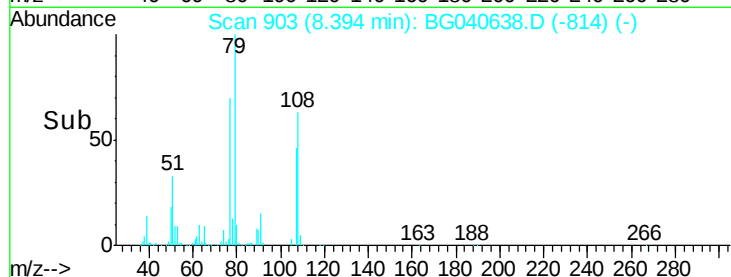
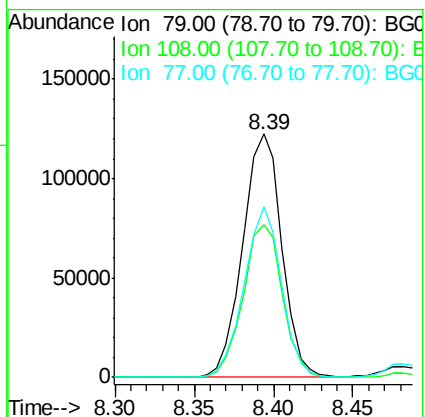
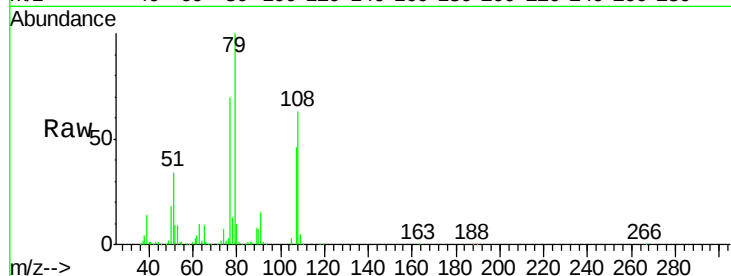
Tot Ion: 79 Resp: 209691

Ion Ratio Lower Upper

79 100

108 62.6 51.4 77.0

77 70.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.598 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

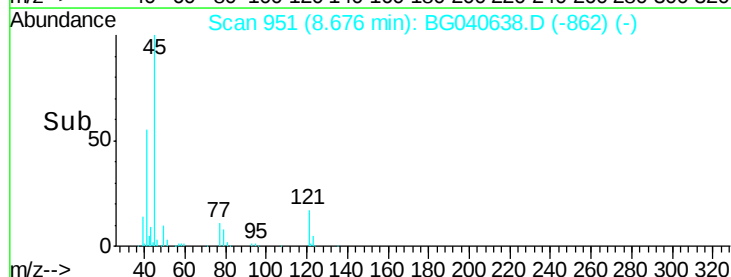
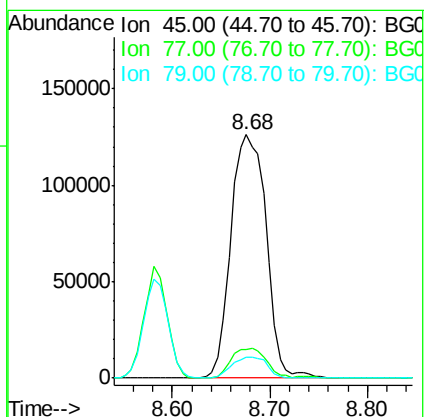
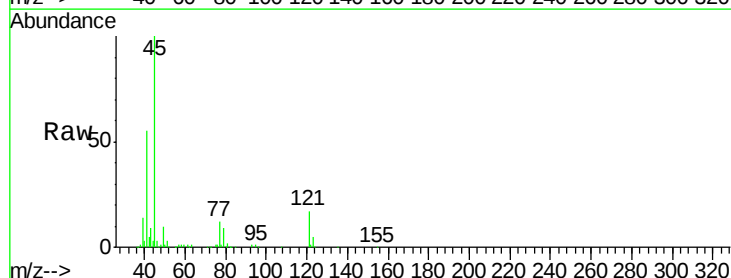
Tgt Ion: 45 Resp: 317767

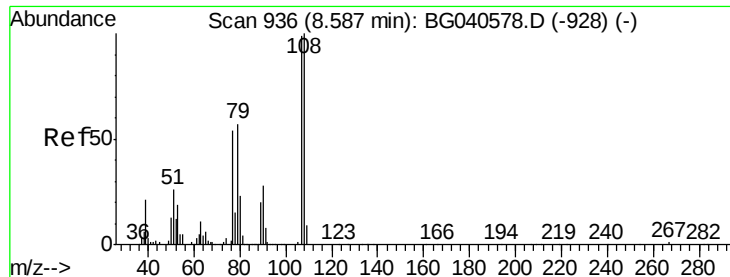
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

79 8.8 0.0 29.4





#17

2-Methylphenol

Concen: 41.765 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 154953

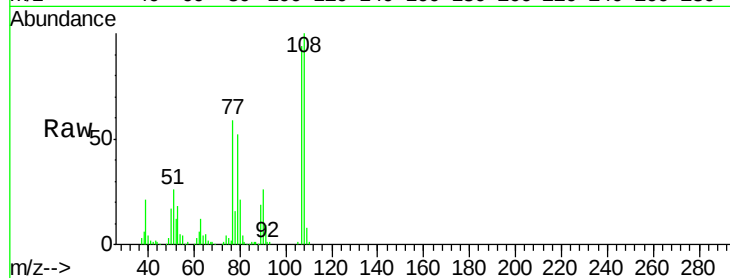
Ion Ratio Lower Upper

107 100

108 106.7 81.2 121.8

77 62.7 44.4 66.6

79 55.8 47.0 70.4

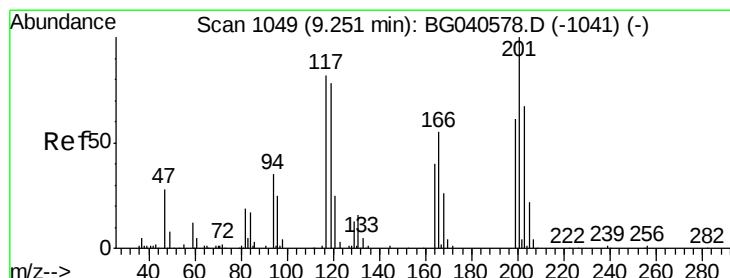
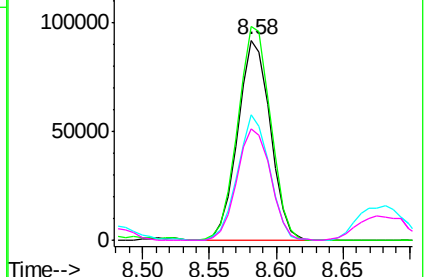
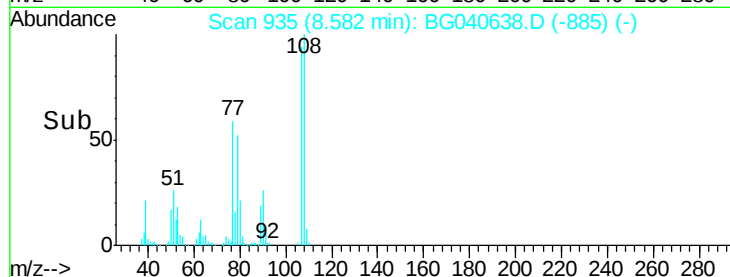


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.875 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

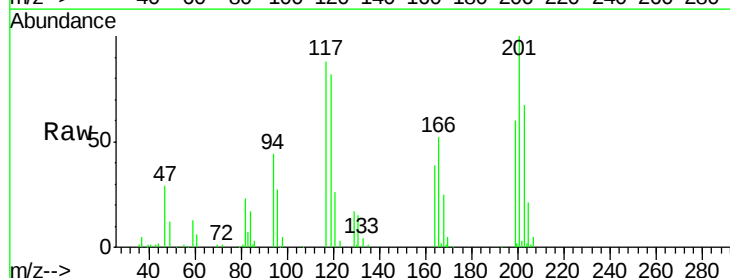
Tgt Ion:117 Resp: 71755

Ion Ratio Lower Upper

117 100

119 93.1 76.6 114.8

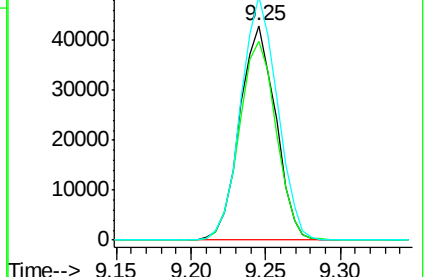
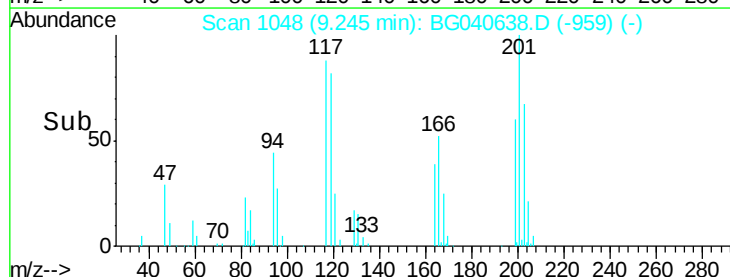
201 113.6 101.0 151.6

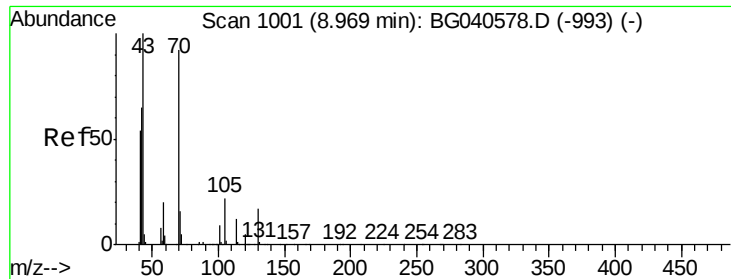


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

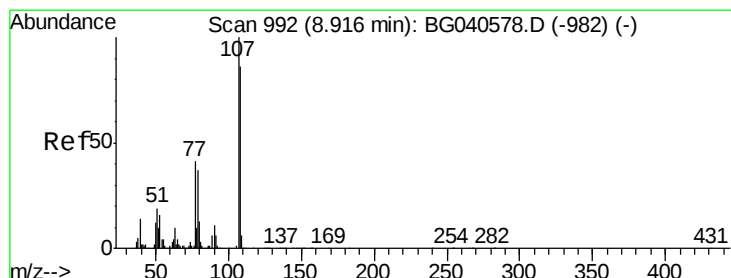
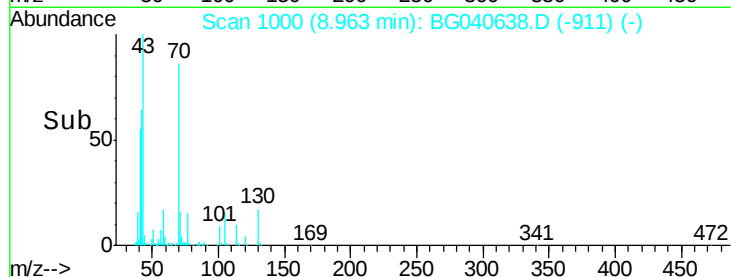
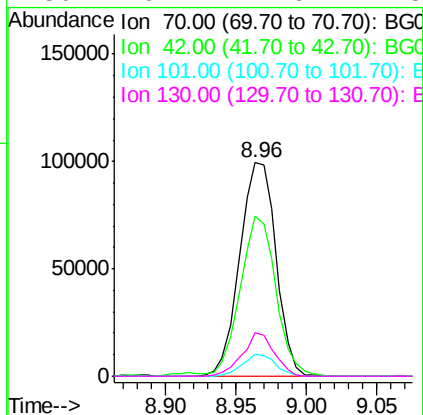
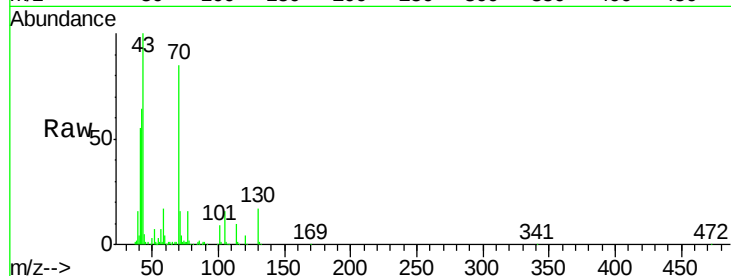




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.835 ng  
RT: 8.96 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

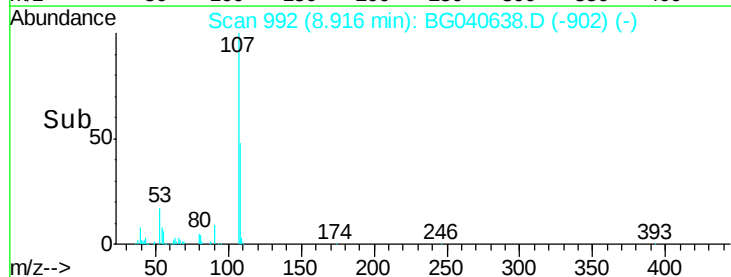
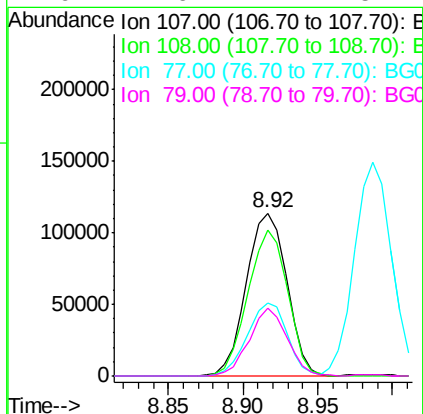
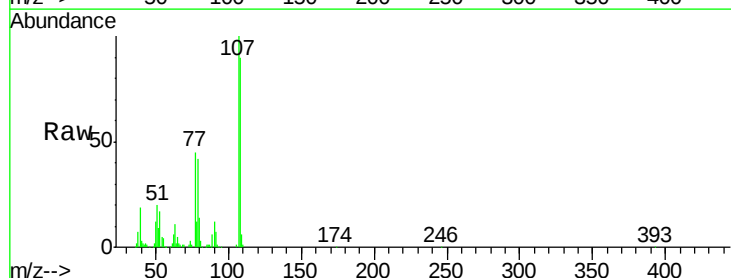
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

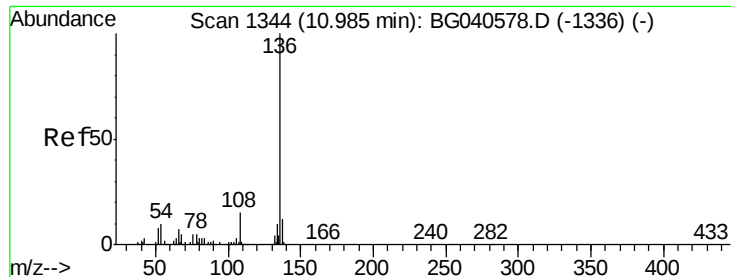
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 179274 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 75.0  | 57.1  | 85.7   |
| 101      | 10.4  | 7.8   | 11.8   |
| 130      | 20.2  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 41.483 ng  
RT: 8.92 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 214404 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 66.1  | 106.1  |
| 77       | 44.8  | 21.6  | 61.6   |
| 79       | 41.6  | 17.4  | 57.4   |

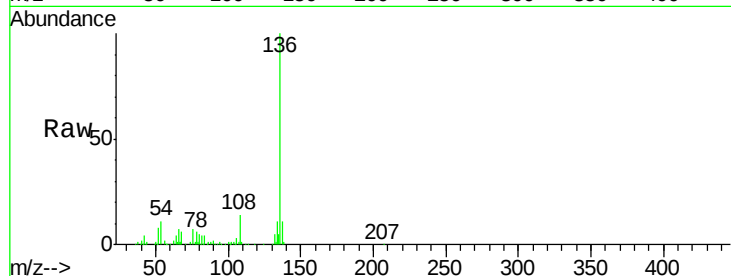




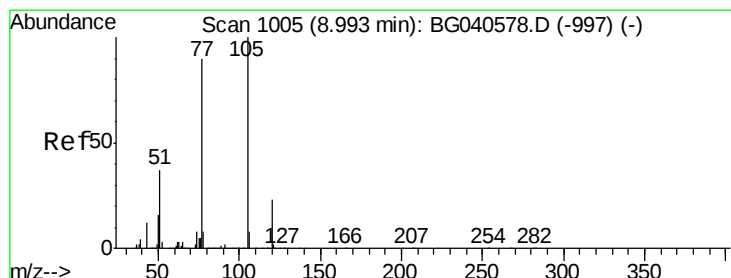
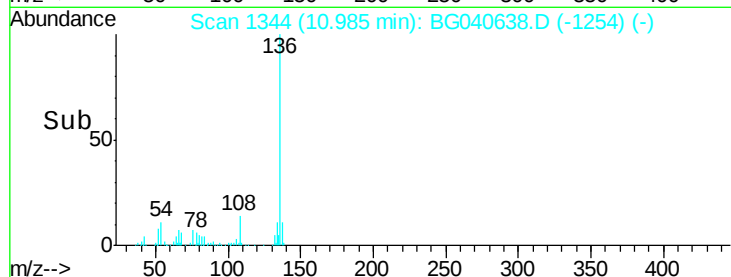
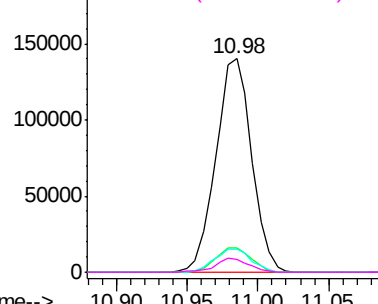
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 248951 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.4    | 9.7   | 14.5   |  |
| 54 10.6     | 8.6   | 12.8   |  |
| 68 5.8      | 4.8   | 7.2    |  |

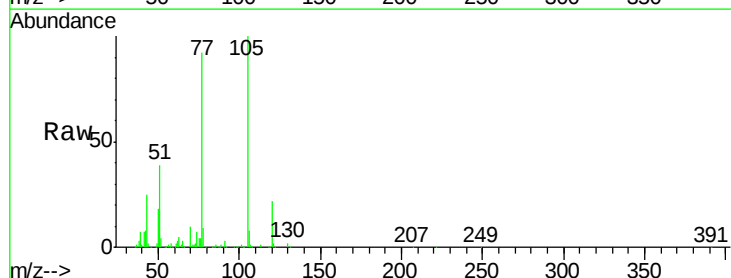


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

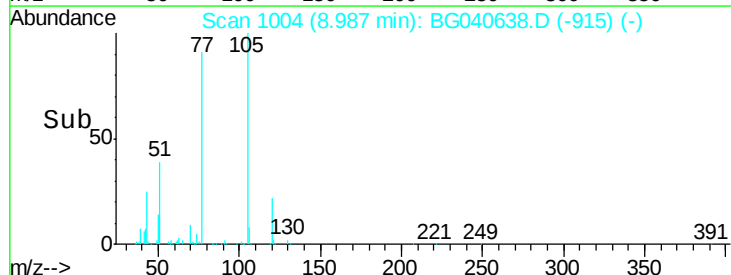
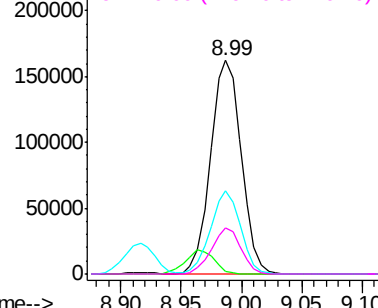


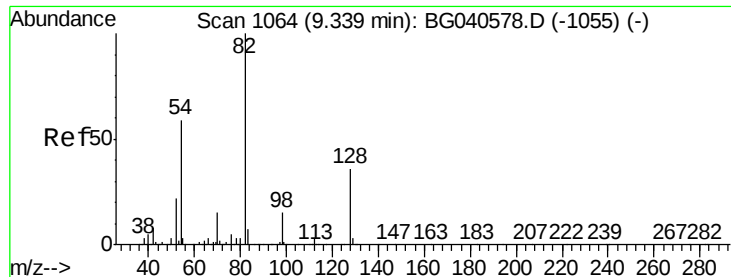
#22  
Acetophenone  
Concen: 41.384 ng  
RT: 8.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 286492 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.5     | 1.8   | 2.8#   |
| 51  | 39.1    | 29.8  | 44.8   |
| 120 | 21.6    | 18.4  | 27.6   |



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

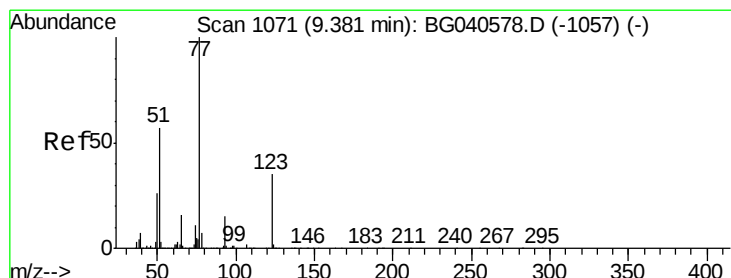
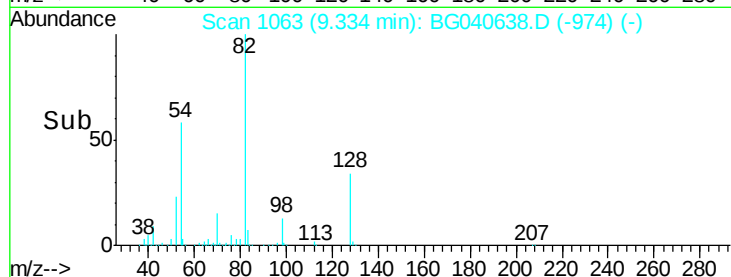
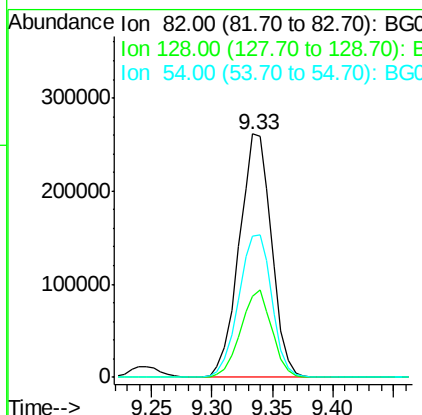
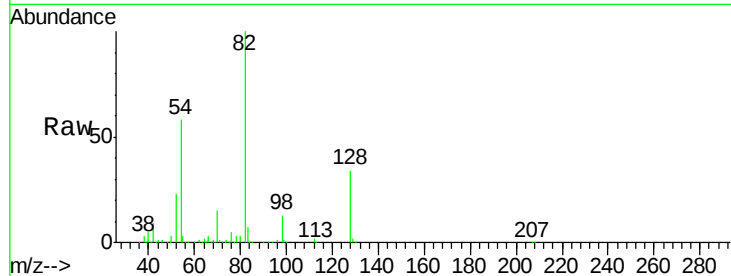




#23  
 Nitrobenzene-d5  
 Concen: 90.281 ng  
 RT: 9.33 min Scan# 1063  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

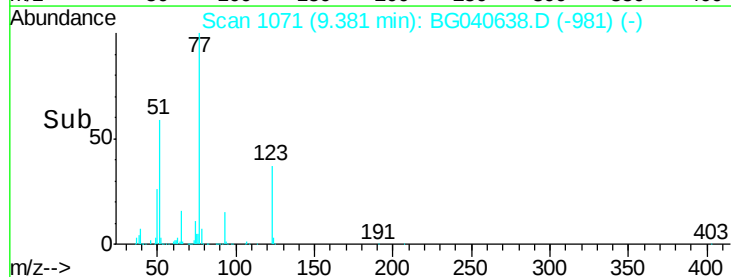
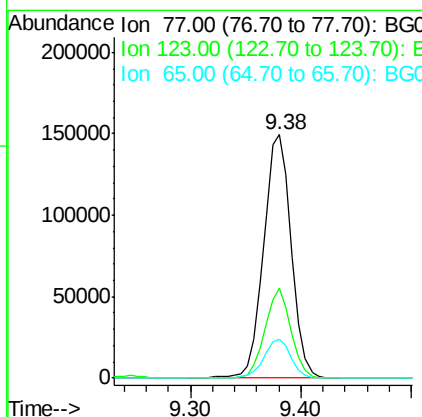
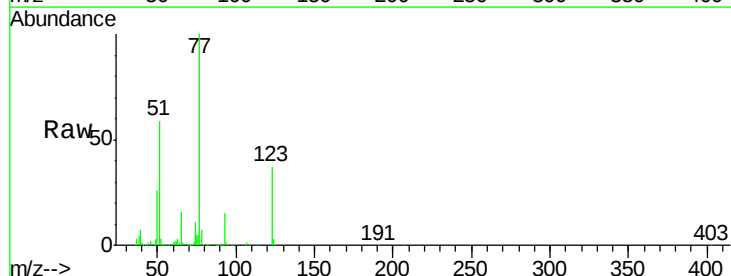
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

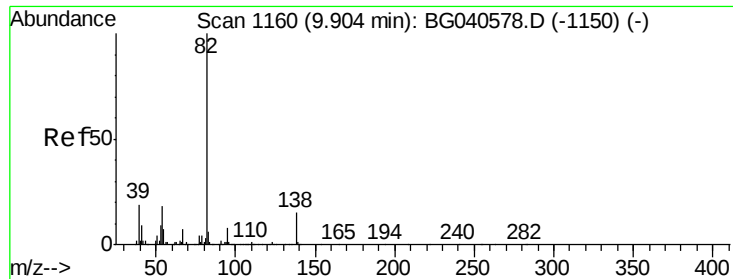
| Tot Ion   | 82    | Resp  | 486419 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 33.5  | 28.9  | 43.3   |
| 54        | 58.0  | 47.2  | 70.8   |



#24  
 Nitrobenzene  
 Concen: 45.330 ng  
 RT: 9.38 min Scan# 1071  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

| Tgt Ion   | 77    | Resp  | 260582 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 36.9  | 27.8  | 41.6   |
| 65        | 16.1  | 12.4  | 18.6   |





#25

Isophorone

Concen: 40.664 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

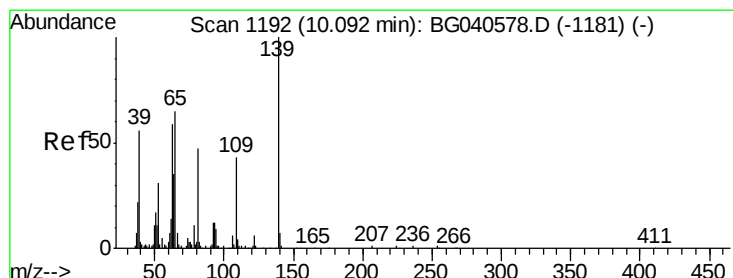
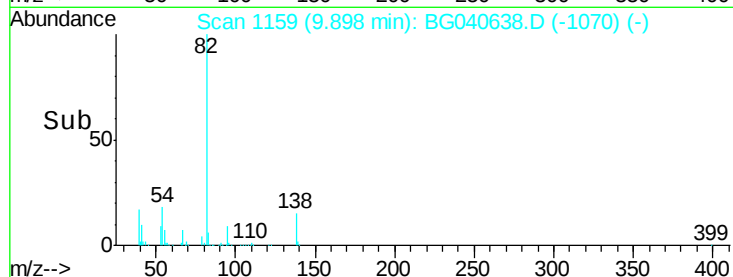
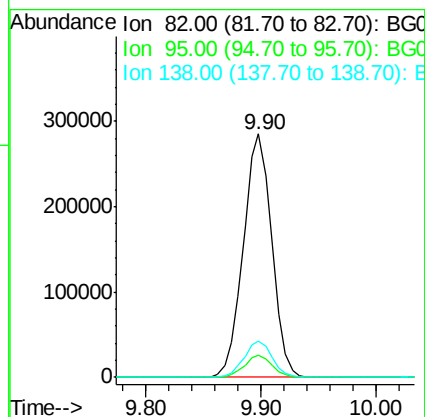
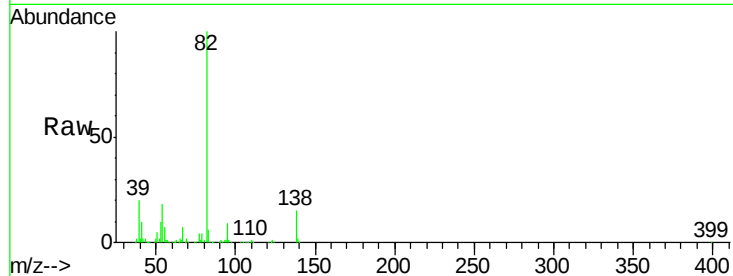
Tot Ion: 82 Resp: 488023

Ion Ratio Lower Upper

82 100

95 9.0 6.9 10.3

138 15.1 12.3 18.5



#26

2-Nitrophenol

Concen: 47.336 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

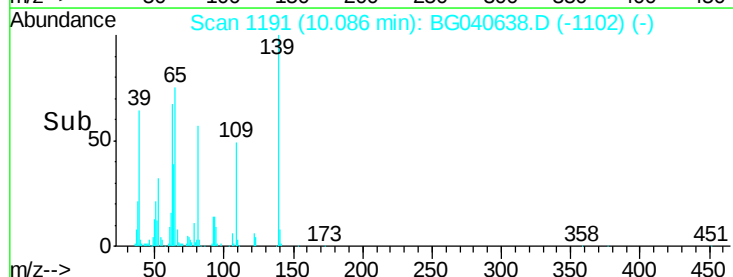
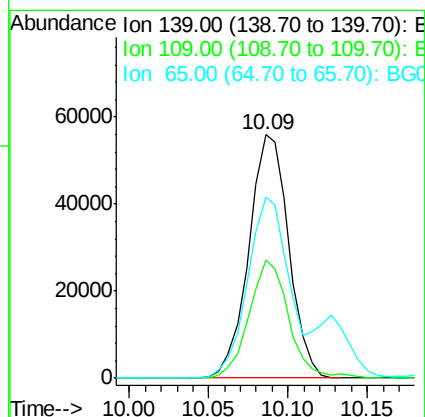
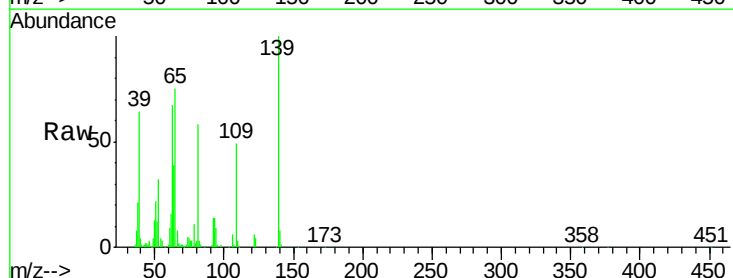
Tgt Ion: 139 Resp: 97540

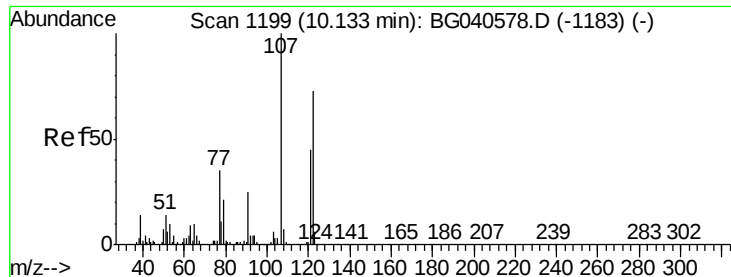
Ion Ratio Lower Upper

139 100

109 48.6 35.6 53.4

65 74.5 52.3 78.5





#27

2,4-Dimethylphenol

Concen: 40.920 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

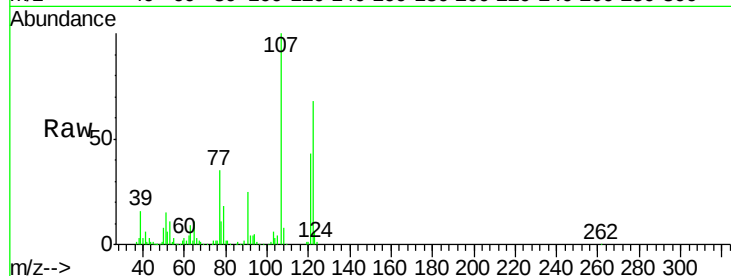
Tot Ion:122 Resp: 158206

Ion Ratio Lower Upper

122 100

107 147.7 110.1 165.1

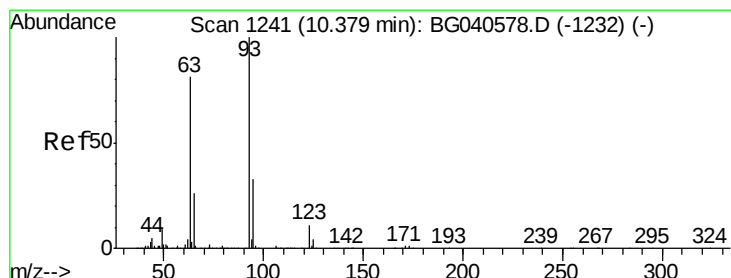
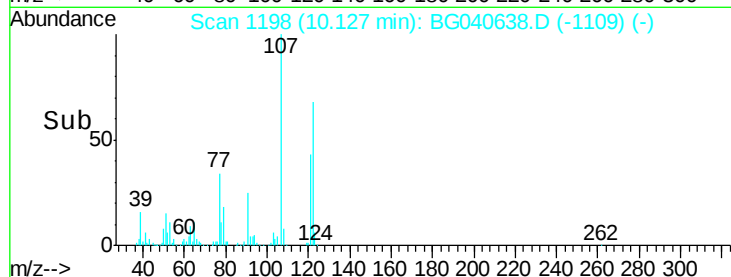
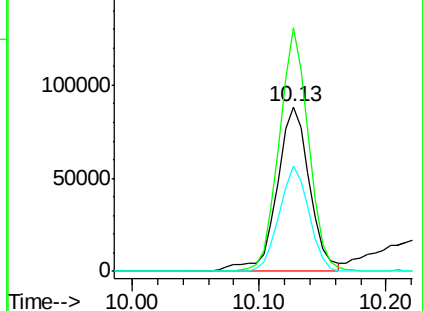
121 64.1 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.728 ng

RT: 10.38 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

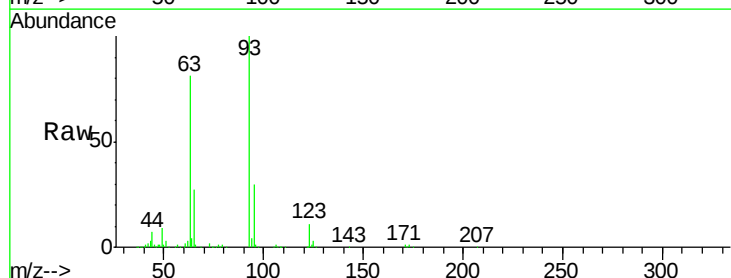
Tgt Ion: 93 Resp: 245239

Ion Ratio Lower Upper

93 100

95 30.4 26.6 40.0

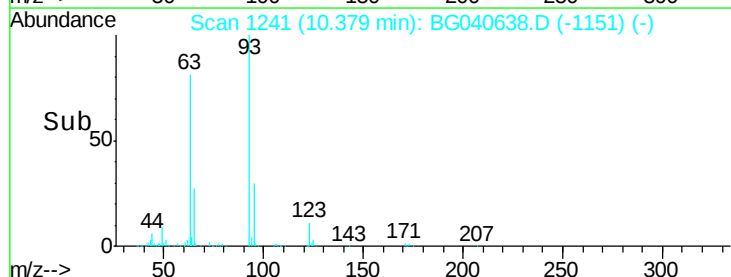
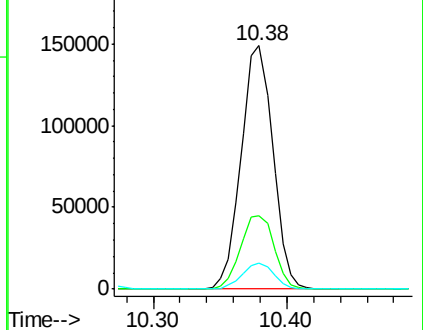
123 10.9 9.0 13.4

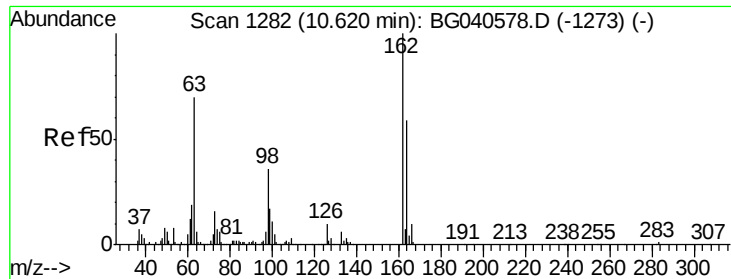


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

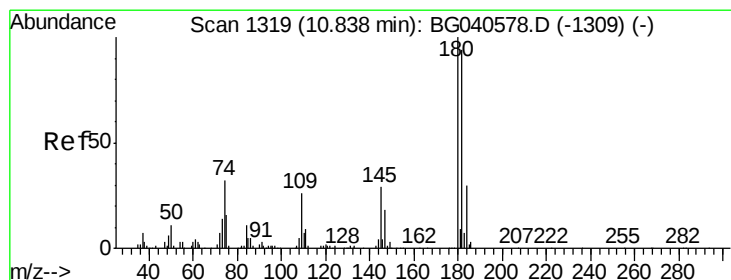
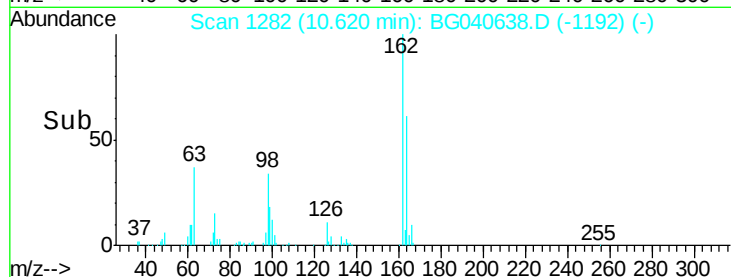
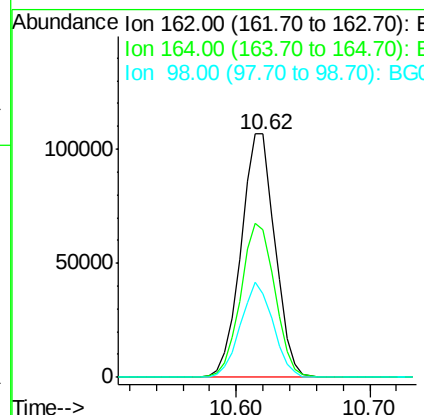
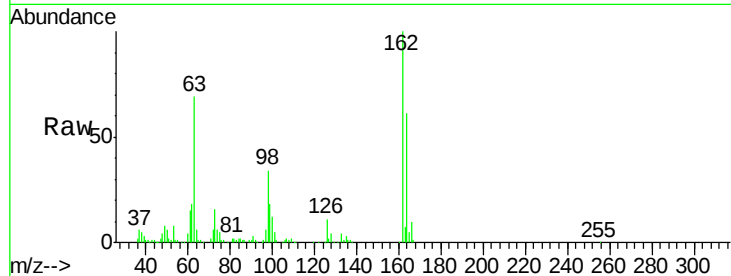




#29  
 2,4-Dichlorophenol  
 Concen: 42.599 ng  
 RT: 10.62 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

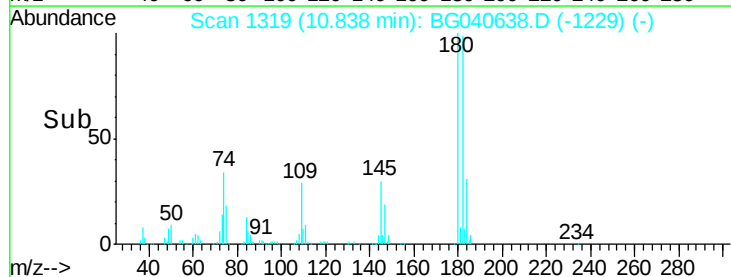
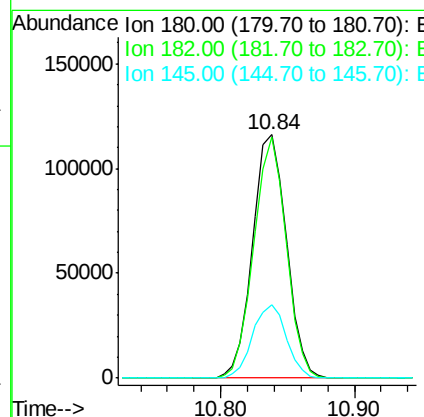
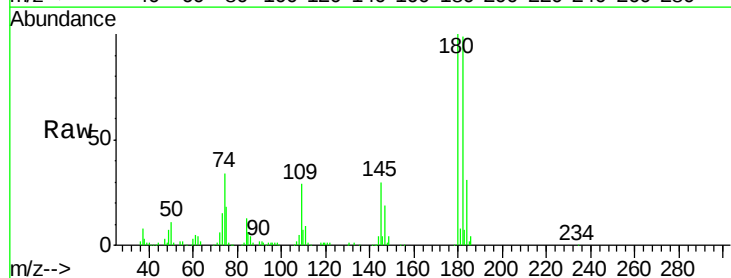
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

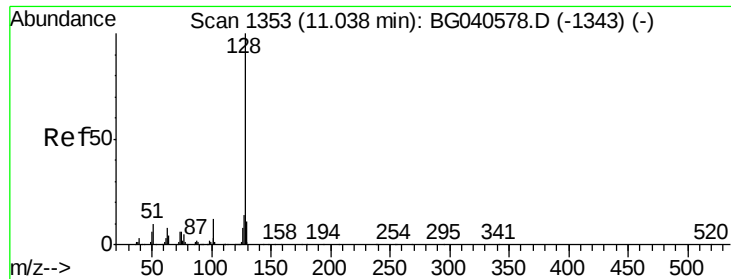
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.7  | 38.9  | 78.9  |
| 98      | 34.2  | 16.8  | 56.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.714 ng  
 RT: 10.84 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.1  | 75.2  | 112.8 |
| 145     | 30.2  | 23.6  | 35.4  |

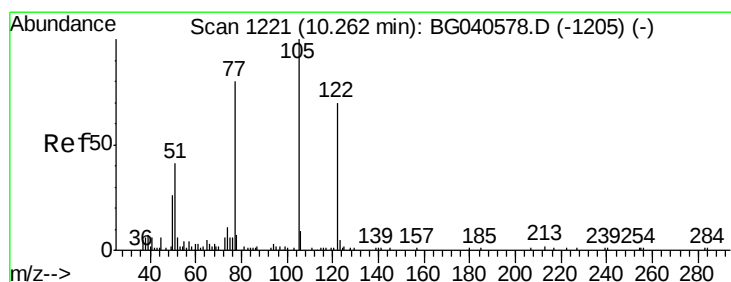
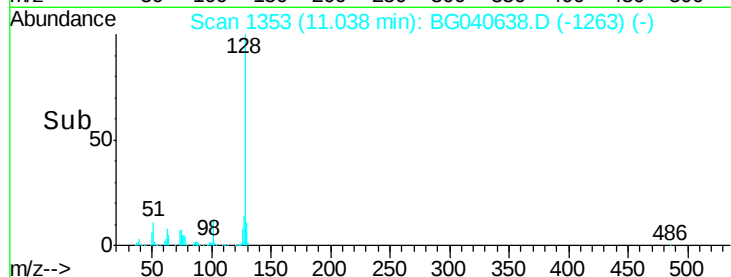
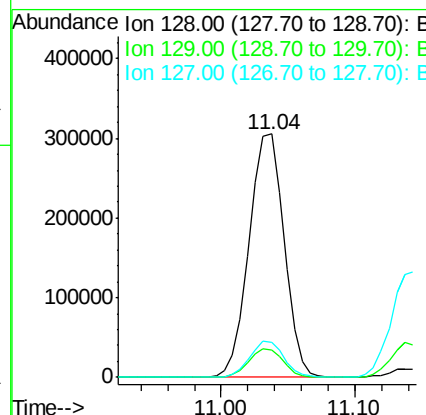
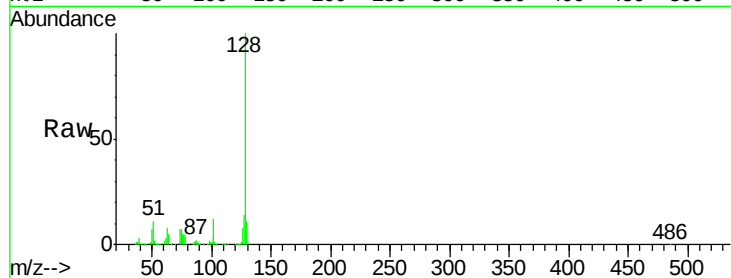




#31  
Naphthalene  
Concen: 41.894 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

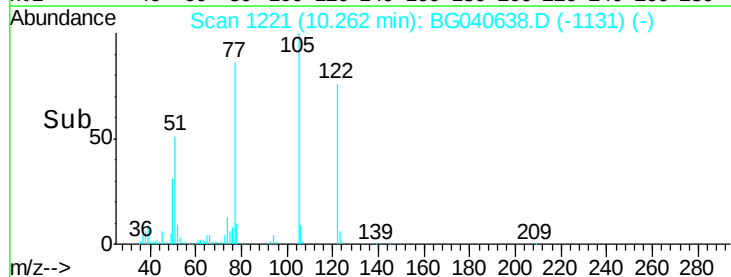
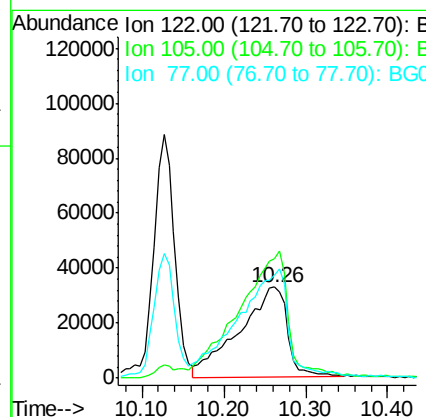
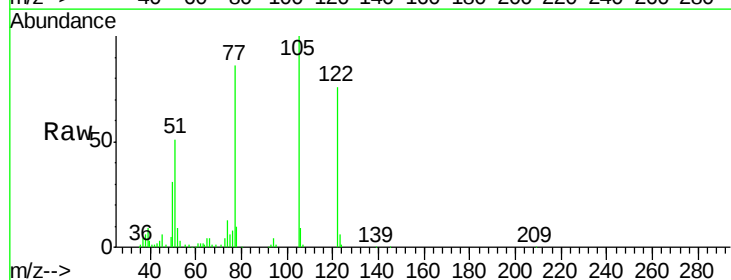
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

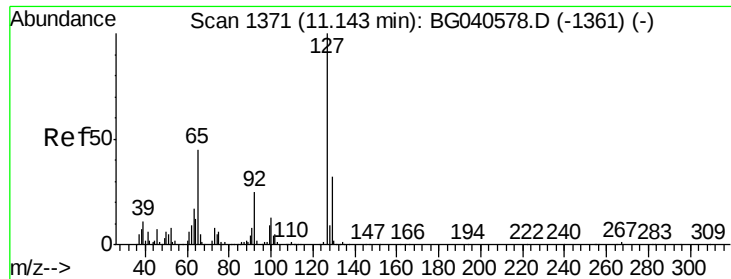
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.6  |
| 127     | 14.4  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 50.272 ng  
RT: 10.26 min Scan# 1221  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.2 | 110.9 | 150.9 |
| 77      | 112.6 | 87.6  | 127.6 |

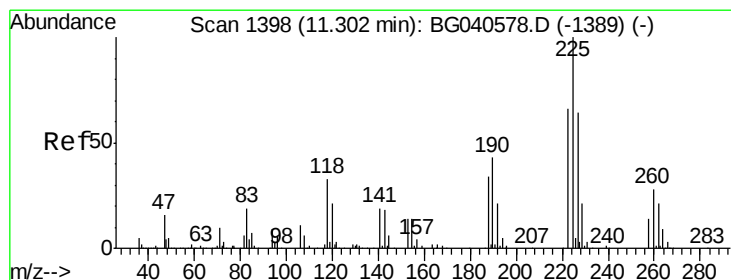
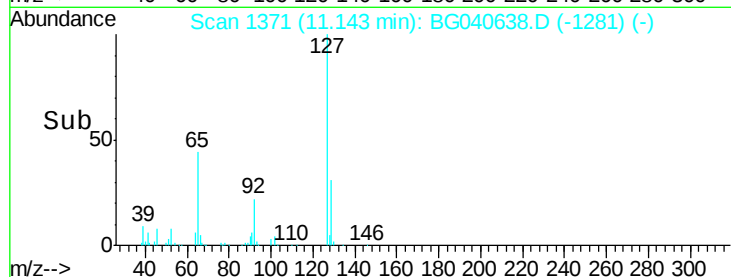
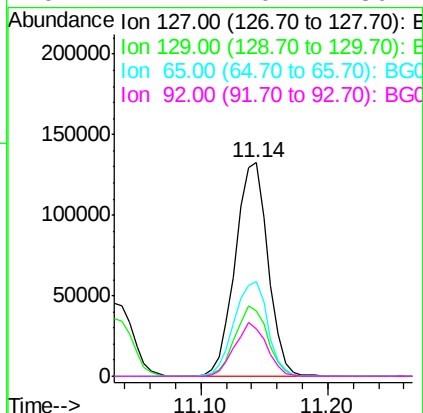
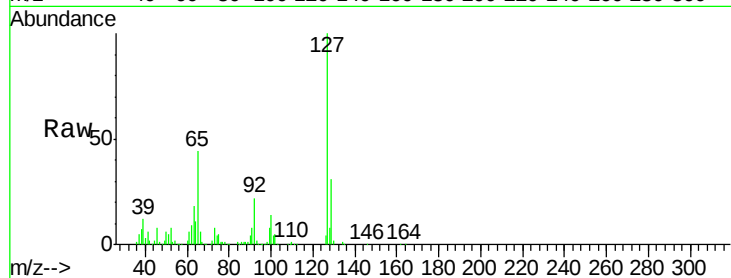




#33  
4-Chloroaniline  
Concen: 40.458 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

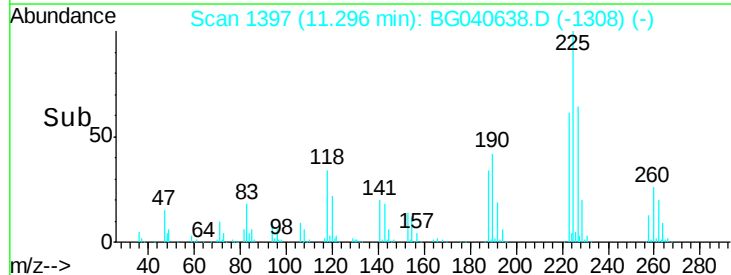
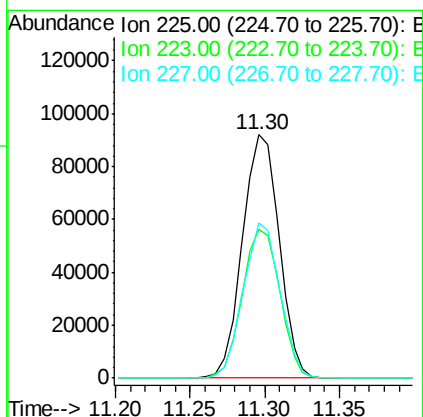
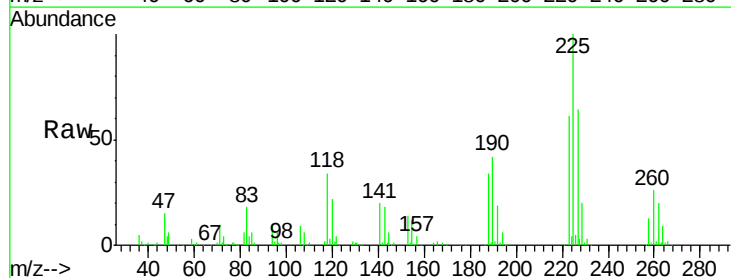
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

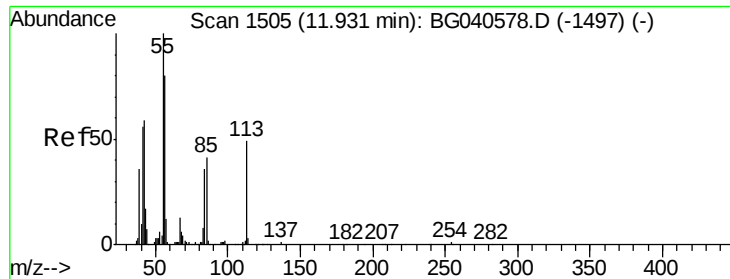
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 237250 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.7  | 25.7  | 38.5   |
| 65       | 44.2  | 36.1  | 54.1   |
| 92       | 22.1  | 20.1  | 30.1   |



#34  
Hexachlorobutadiene  
Concen: 43.574 ng  
RT: 11.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156801 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.0  | 50.4  | 75.6   |
| 227      | 67.2  | 51.0  | 76.6   |

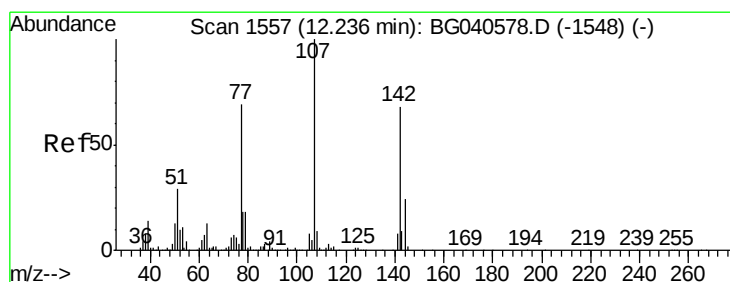
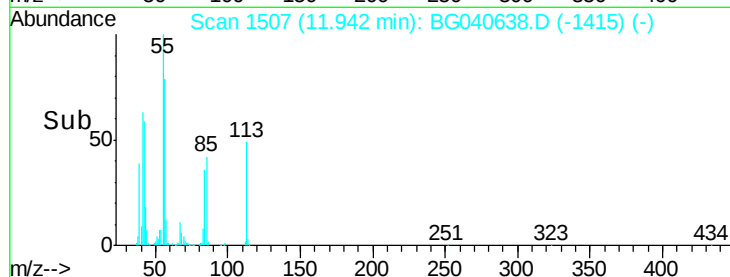
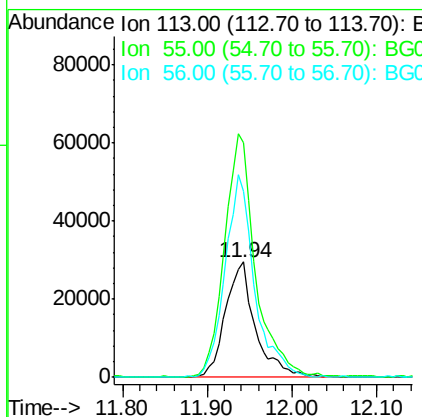
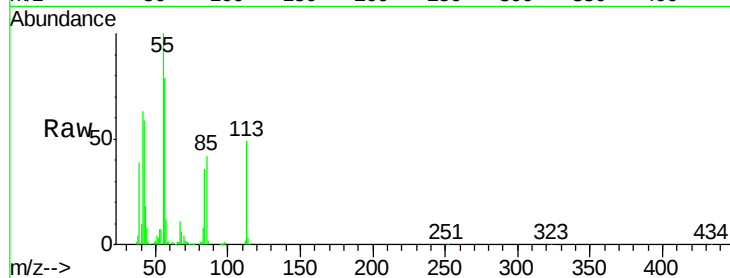




#35  
 Caprolactam  
 Concen: 41.615 ng  
 RT: 11.94 min Scan# 1507  
 Delta R.T. 0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

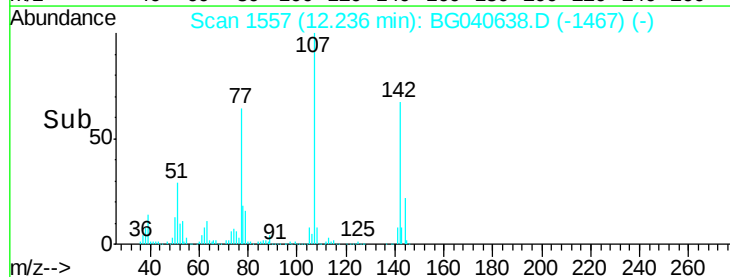
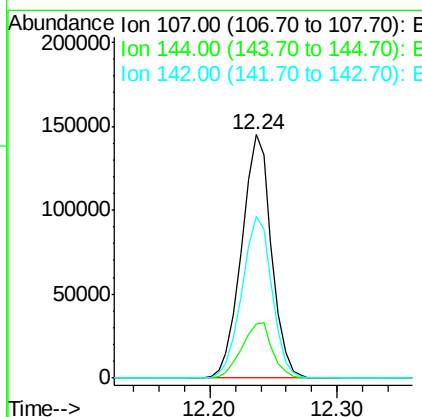
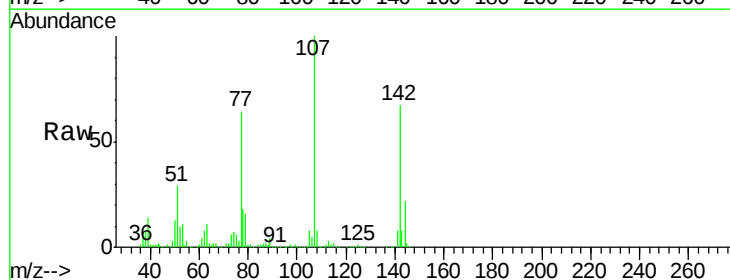
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

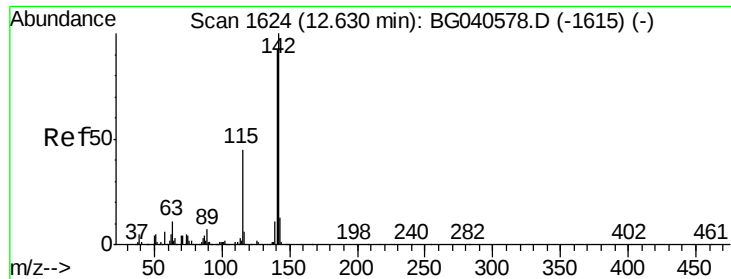
Tot Ion:113 Resp: 72217  
 Ion Ratio Lower Upper  
 113 100  
 55 203.6 198.6 238.6  
 56 161.3 148.4 188.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.592 ng  
 RT: 12.24 min Scan# 1557  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Tgt Ion:107 Resp: 236167  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 19.3 28.9  
 142 66.6 54.6 81.8

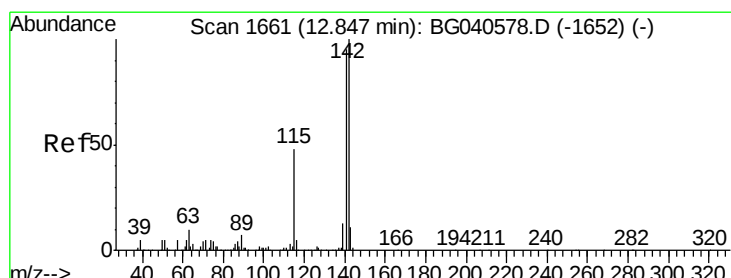
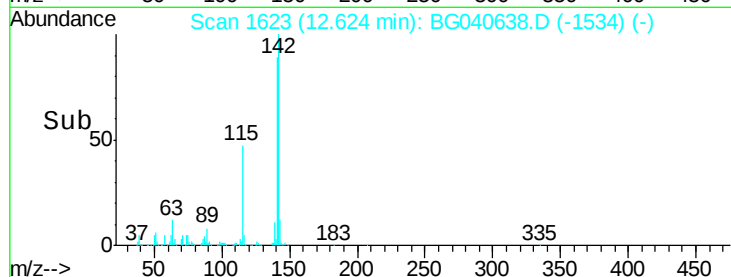
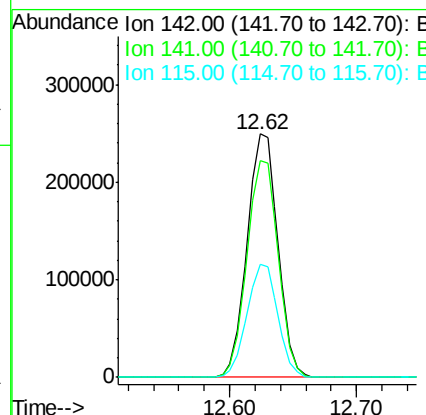
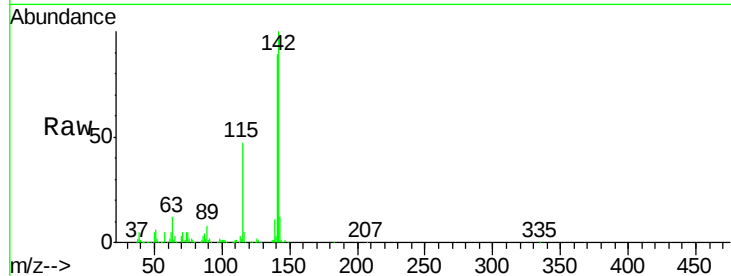




#37  
2-Methylnaphthalene  
Concen: 42.490 ng  
RT: 12.62 min Scan# 1623  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

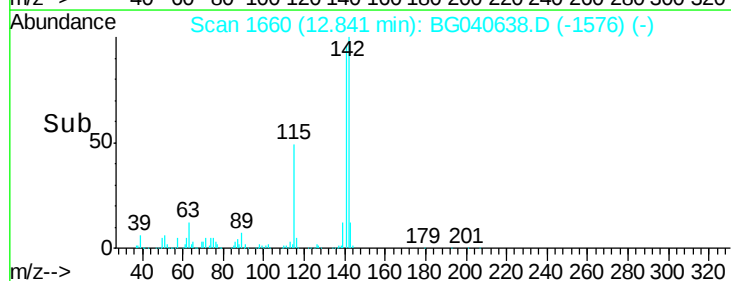
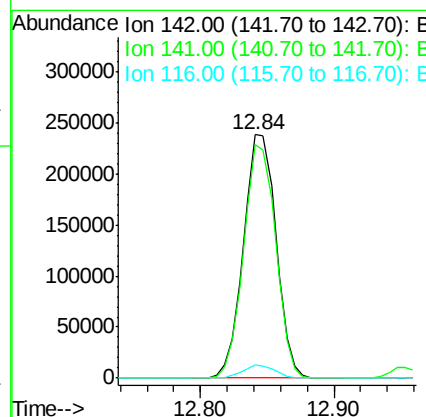
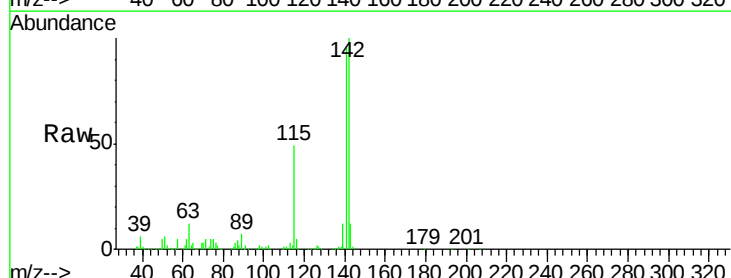
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

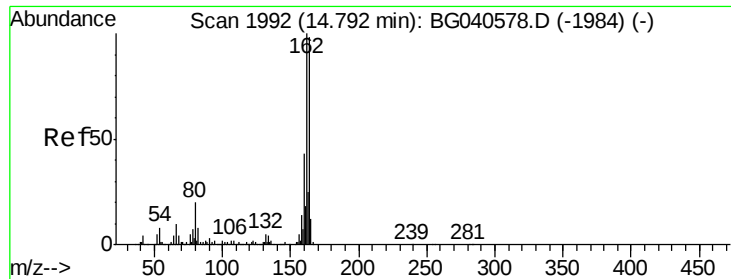
Tot Ion:142 Resp: 420172  
Ion Ratio Lower Upper  
142 100  
141 89.3 73.4 110.2  
115 46.6 36.2 54.4



#38  
1-Methylnaphthalene  
Concen: 41.567 ng  
RT: 12.84 min Scan# 1660  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Tgt Ion:142 Resp: 401776  
Ion Ratio Lower Upper  
142 100  
141 95.9 75.9 113.9  
116 5.4 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

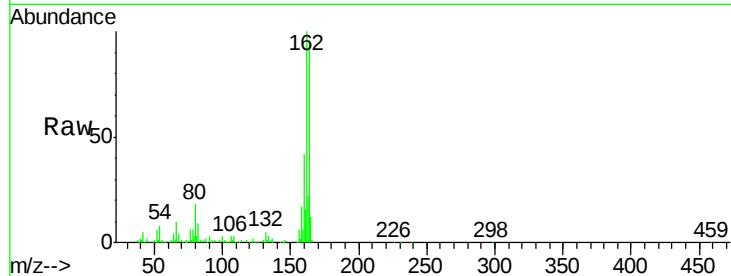
Tot Ion:164 Resp: 179929

Ion Ratio Lower Upper

164 100

162 105.0 81.9 122.9

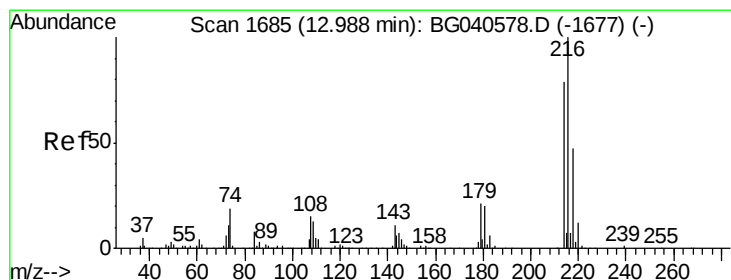
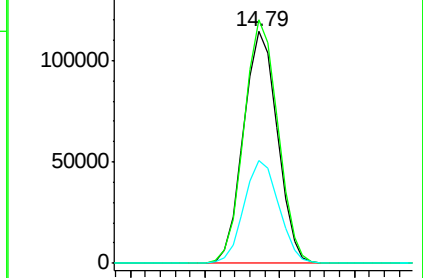
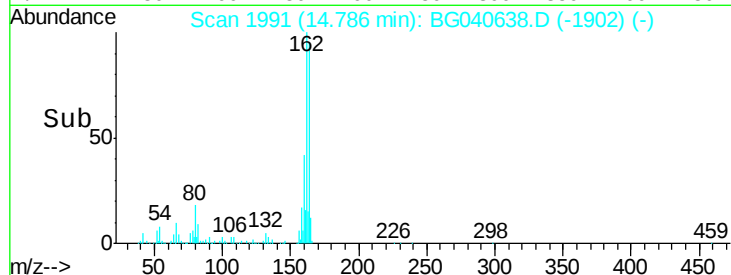
160 44.3 35.4 53.2



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: 42.347 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Tgt Ion:216 Resp: 283847

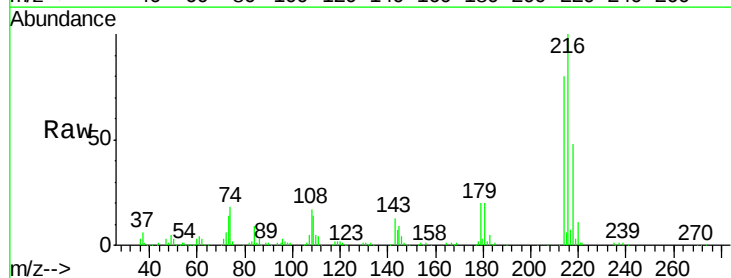
Ion Ratio Lower Upper

216 100

214 77.6 63.7 95.5

179 20.1 16.6 24.8

108 17.5 14.7 22.1

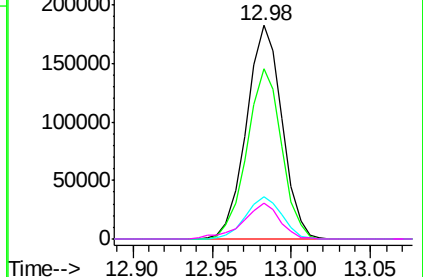
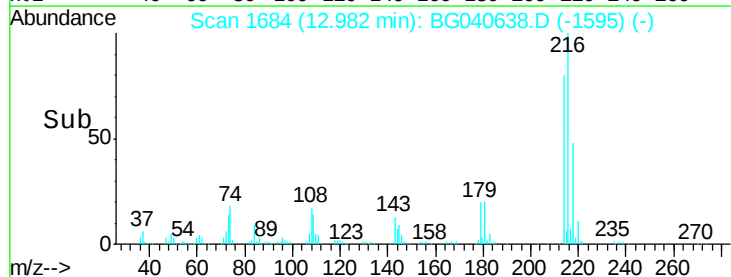


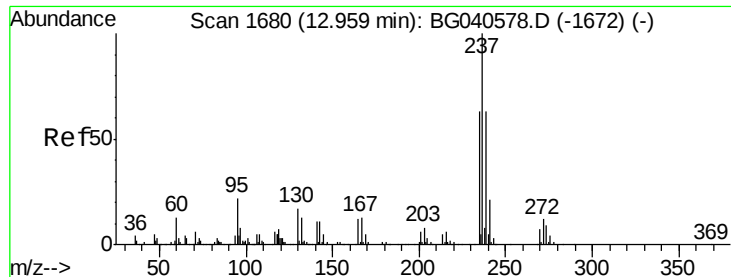
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.431 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

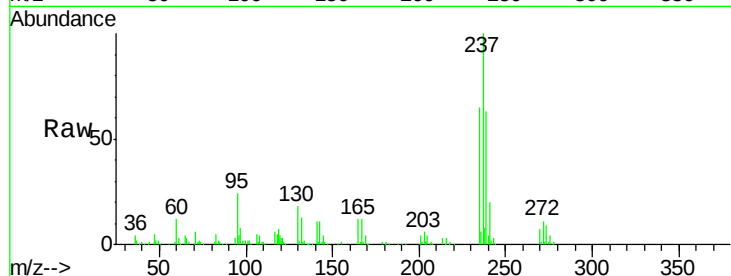
Tot Ion:237 Resp: 144090

Ion Ratio Lower Upper

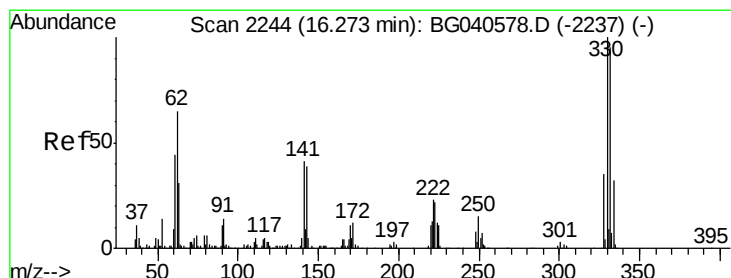
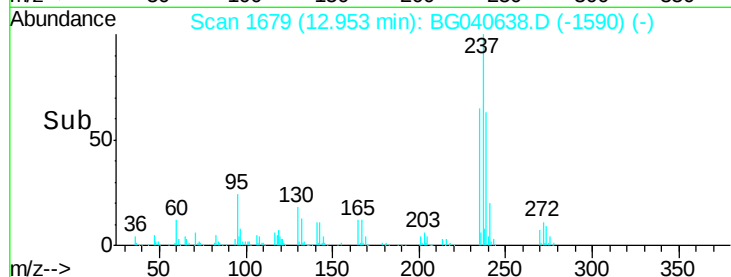
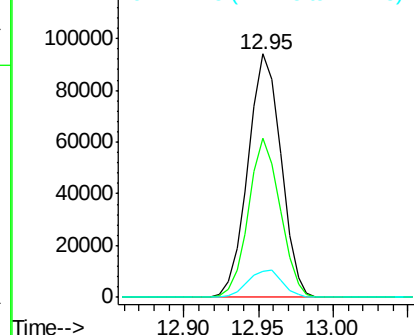
237 100

235 65.5 42.5 82.5

272 10.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.597 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

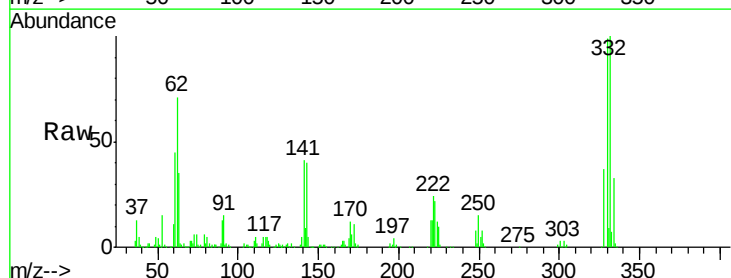
Tgt Ion:330 Resp: 211696

Ion Ratio Lower Upper

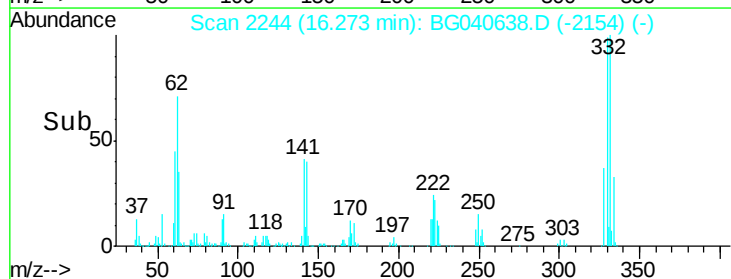
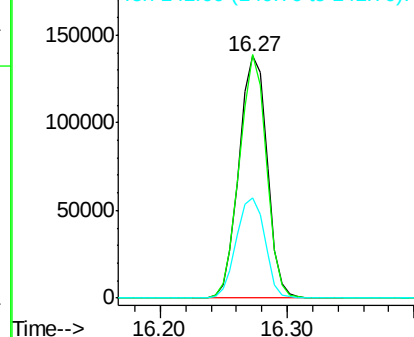
330 100

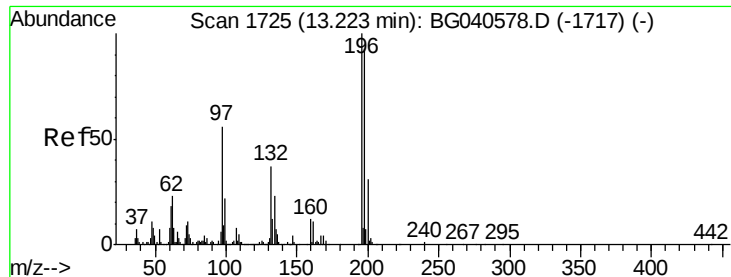
332 96.2 75.9 113.9

141 42.0 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

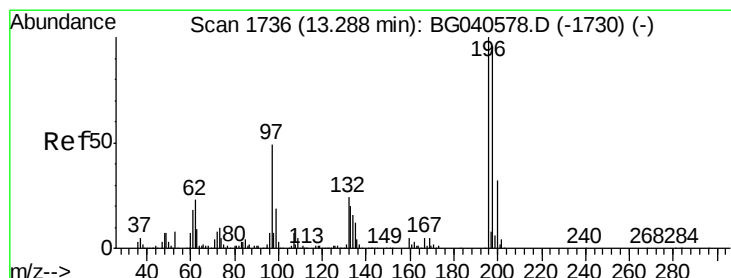
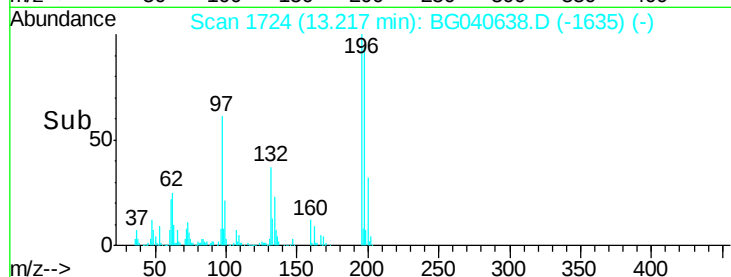
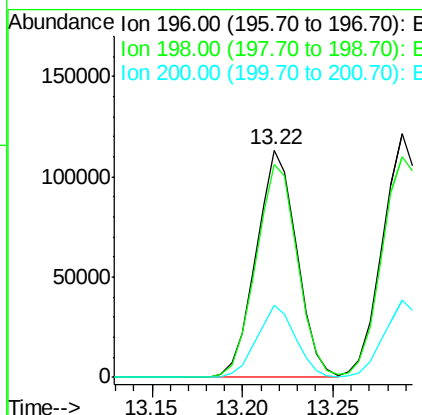
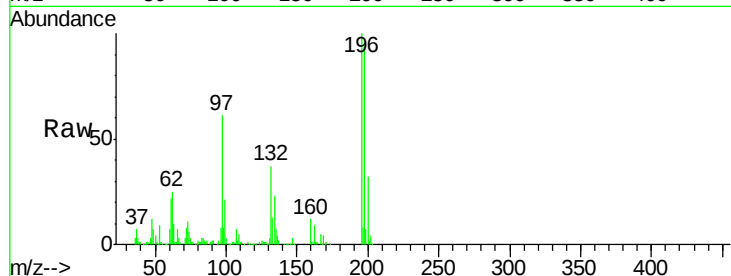




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.480 ng  
 RT: 13.22 min Scan# 1724  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

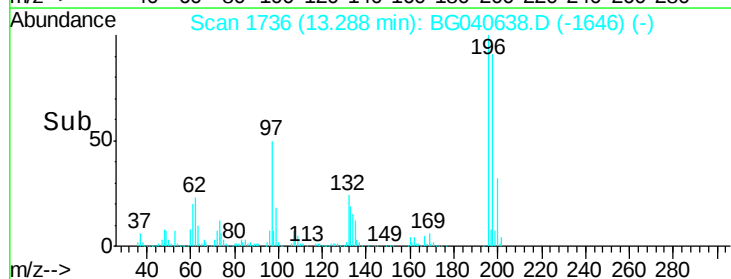
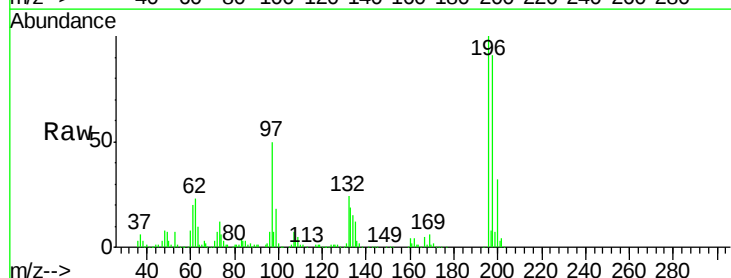
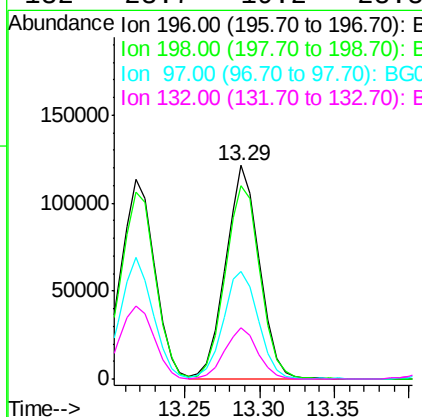
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

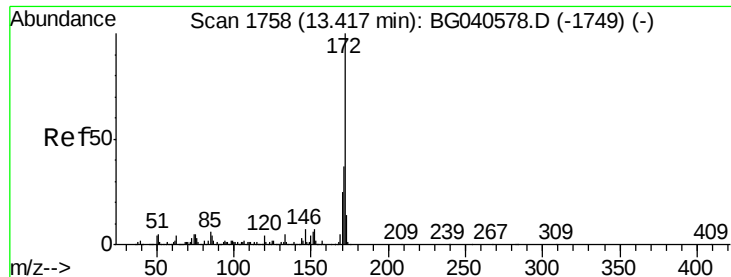
Tot Ion:196 Resp: 176120  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 74.8 112.2  
 200 31.8 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.223 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Tgt Ion:196 Resp: 190721  
 Ion Ratio Lower Upper  
 196 100  
 198 90.7 77.0 115.6  
 97 50.1 40.0 60.0  
 132 23.7 19.2 28.8

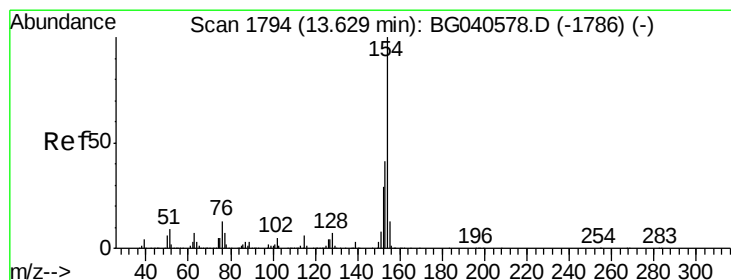
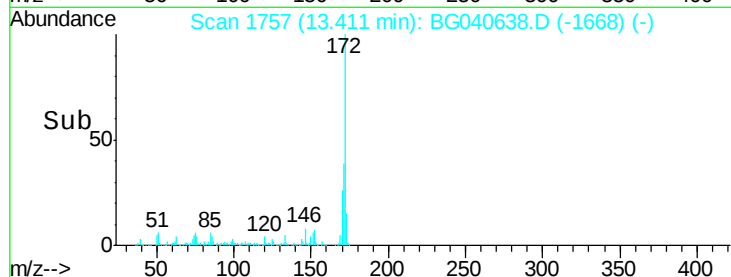
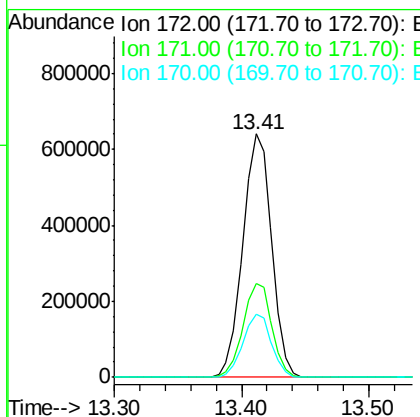
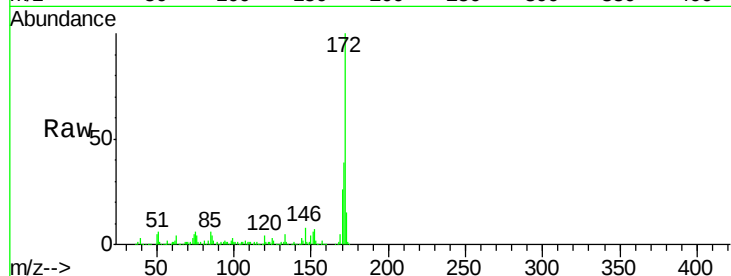




#45  
2-Fluorobiphenyl  
Concen: 80.941 ng  
RT: 13.41 min Scan# 1757  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

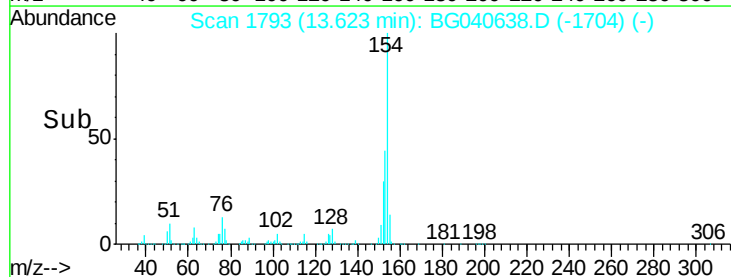
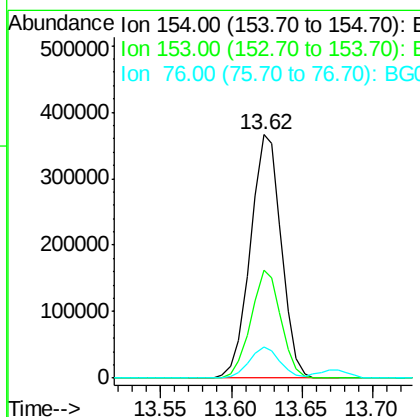
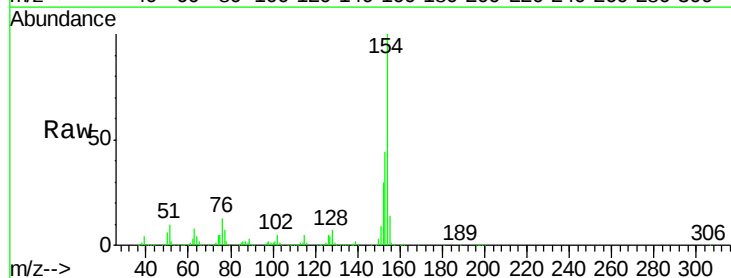
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

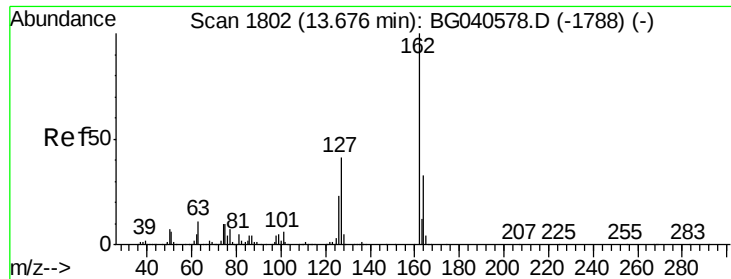
Tot Ion:172 Resp: 1008424  
Ion Ratio Lower Upper  
172 100  
171 38.6 29.4 44.2  
170 26.0 19.9 29.9



#46  
1,1'-Biphenyl  
Concen: 40.280 ng  
RT: 13.62 min Scan# 1793  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Tgt Ion:154 Resp: 562702  
Ion Ratio Lower Upper  
154 100  
153 44.1 20.5 60.5  
76 12.9 0.0 32.5

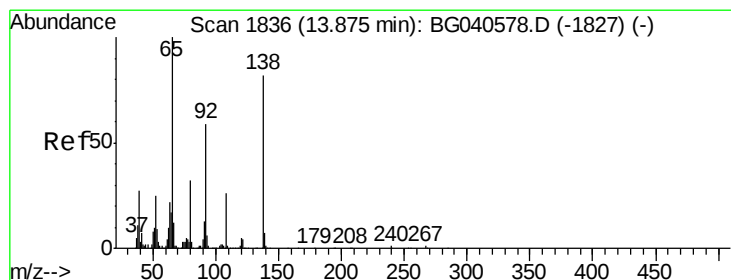
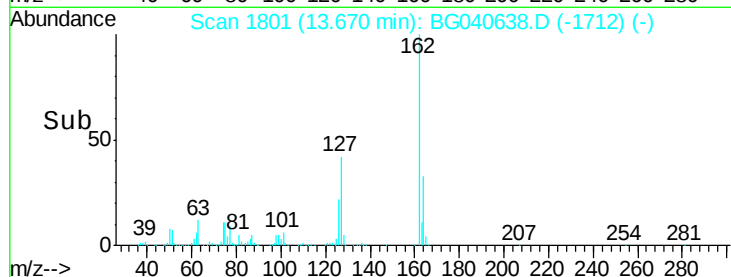
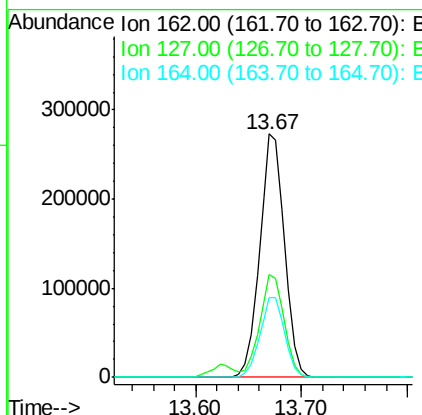
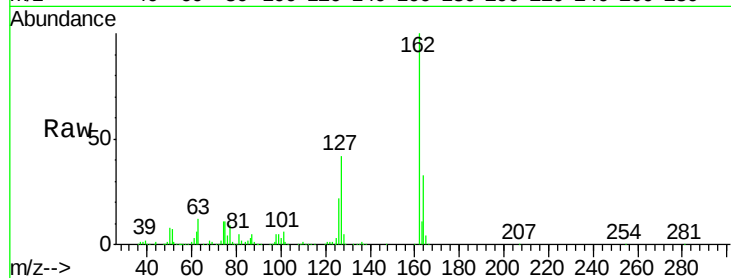




#47  
 2-Chloronaphthalene  
 Concen: 40.544 ng  
 RT: 13.67 min Scan# 1801  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

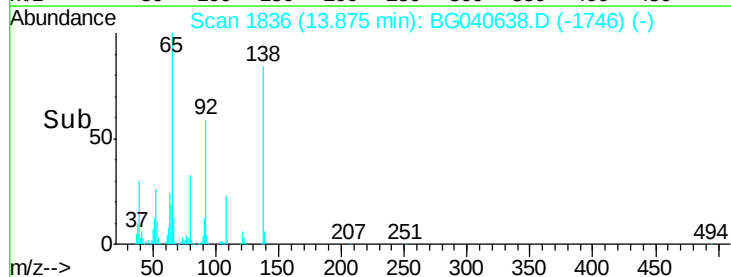
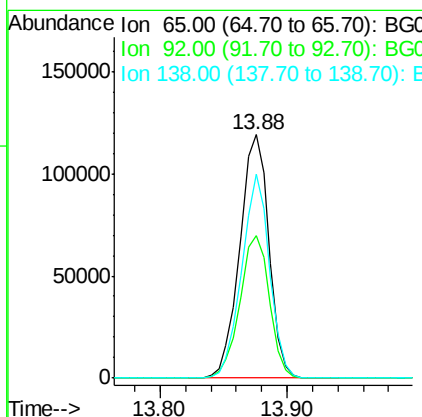
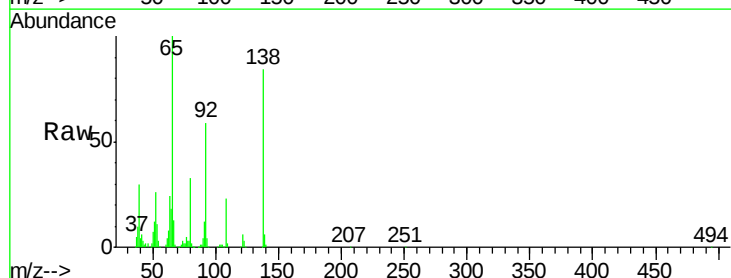
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

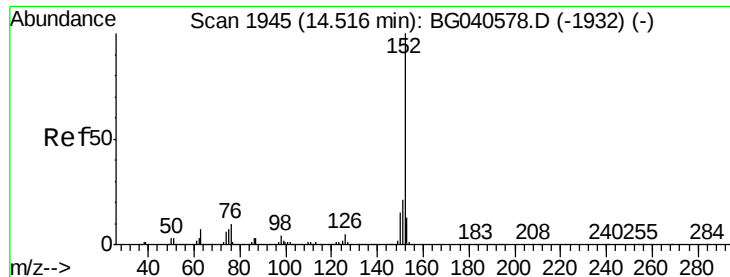
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.1  | 33.0  | 49.4  |
| 164     | 32.6  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 48.833 ng  
 RT: 13.88 min Scan# 1836  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.5  | 47.4  | 71.0  |
| 138     | 83.6  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 39.888 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

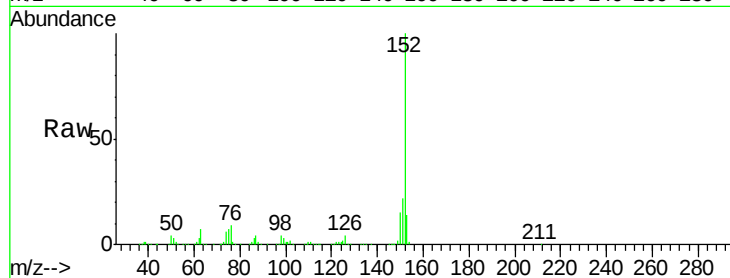
Tot Ion:152 Resp: 739857

Ion Ratio Lower Upper

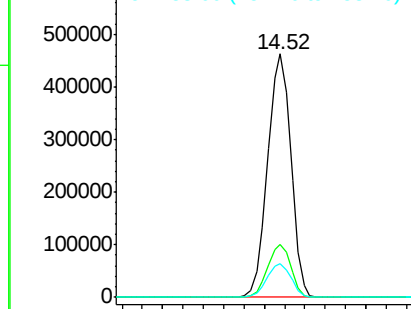
152 100

151 21.9 17.2 25.8

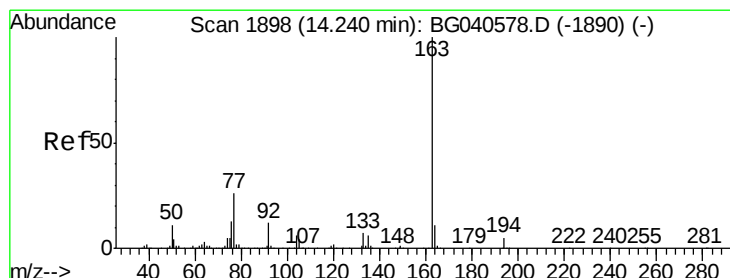
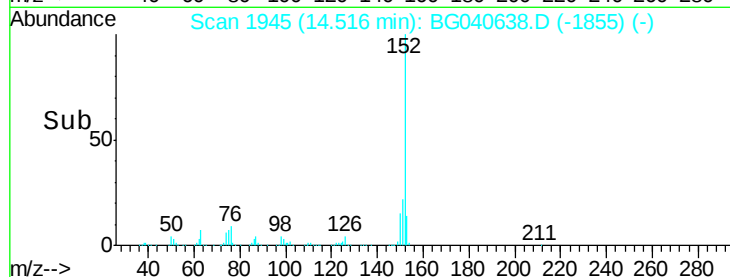
153 13.7 10.7 16.1



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



Time-->



#50

Dimethylphthalate

Concen: 39.897 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

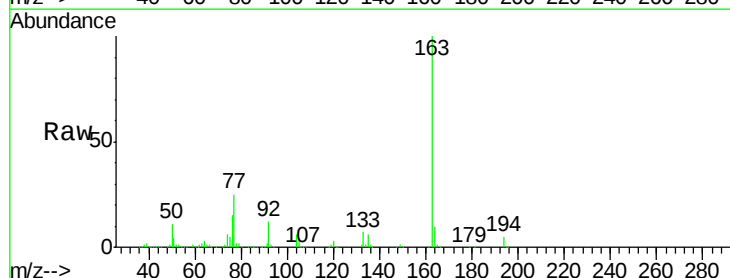
Tgt Ion:163 Resp: 600621

Ion Ratio Lower Upper

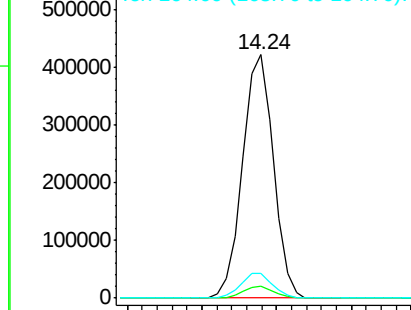
163 100

194 5.0 3.8 5.8

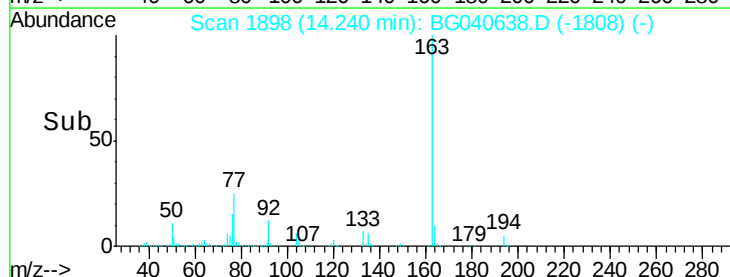
164 10.2 8.8 13.2

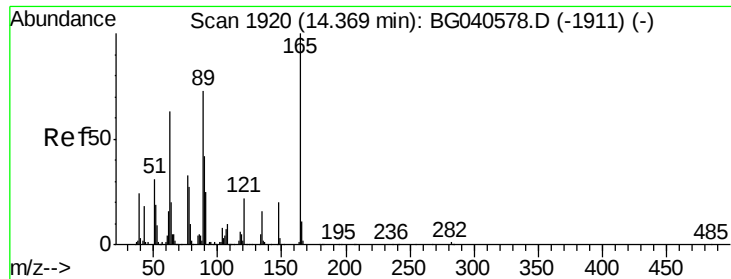


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



Time-->

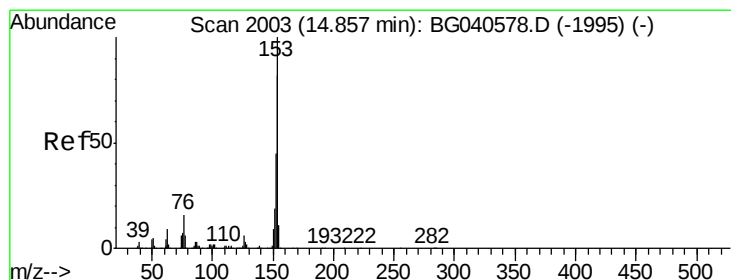
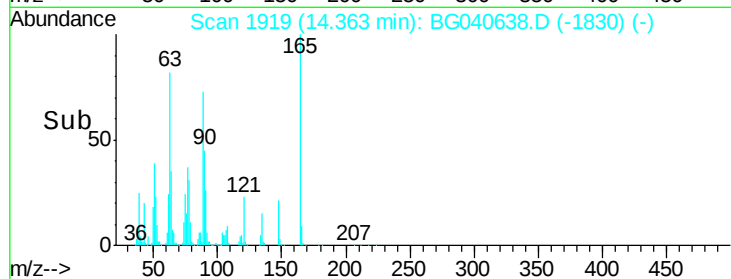
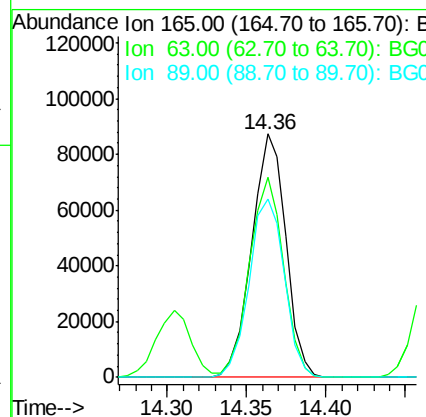
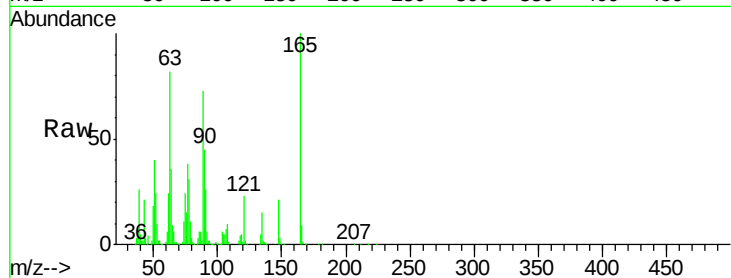




#51  
 2,6-Dinitrotoluene  
 Concen: 44.544 ng  
 RT: 14.36 min Scan# 1919  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

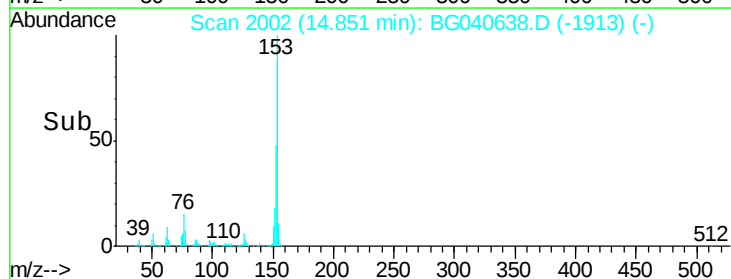
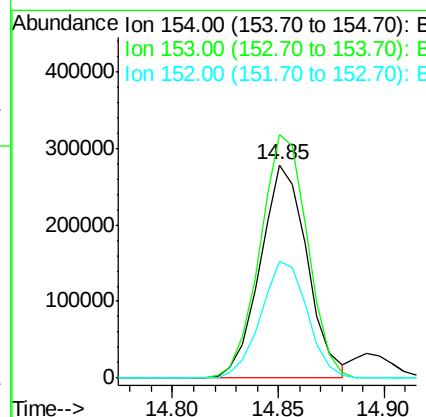
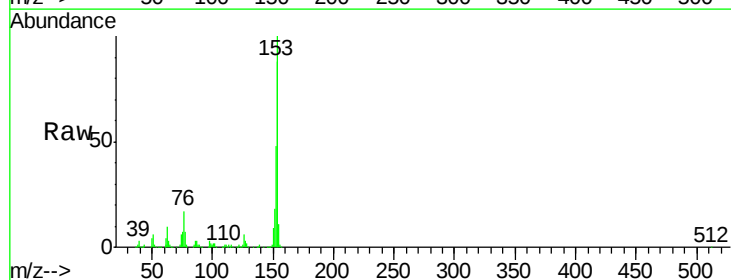
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

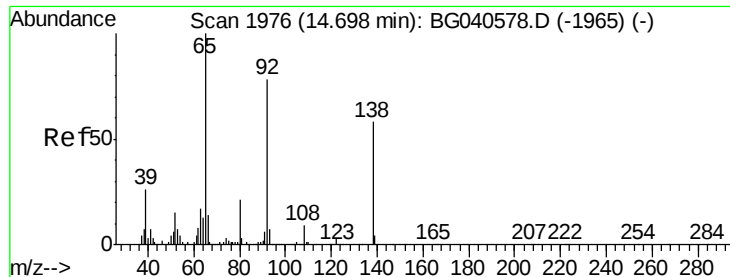
Tot Ion:165 Resp: 130876  
 Ion Ratio Lower Upper  
 165 100  
 63 82.3 61.0 91.4  
 89 73.3 58.6 87.8



#52  
 Acenaphthene  
 Concen: 39.800 ng  
 RT: 14.85 min Scan# 2002  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Tgt Ion:154 Resp: 429914  
 Ion Ratio Lower Upper  
 154 100  
 153 114.0 97.0 145.6  
 152 54.6 44.1 66.1

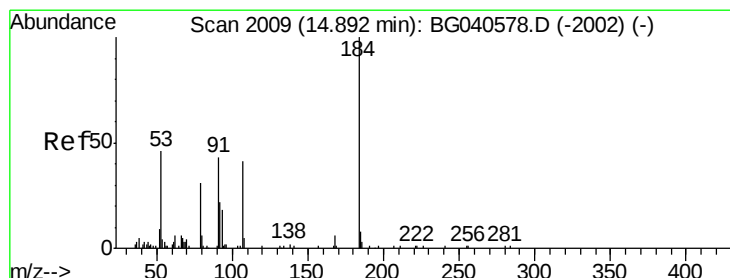
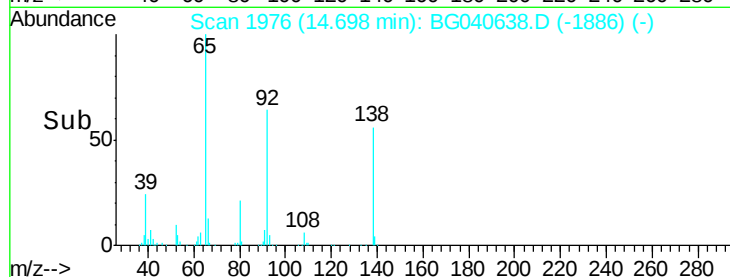
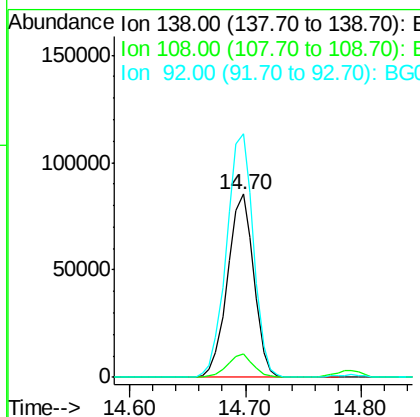
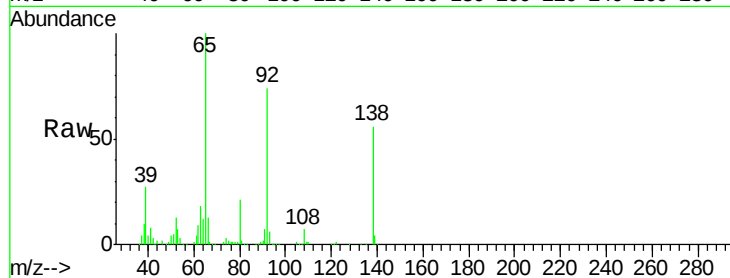




#53  
 3-Nitroaniline  
 Concen: 44.694 ng  
 RT: 14.70 min Scan# 1976  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

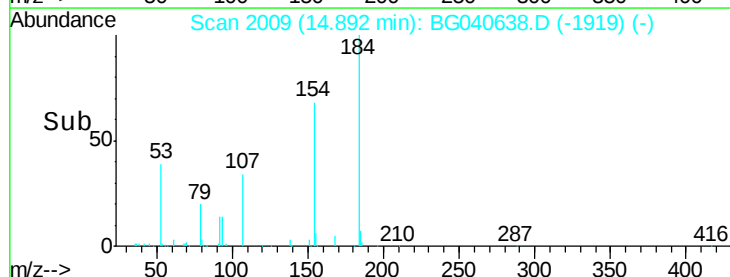
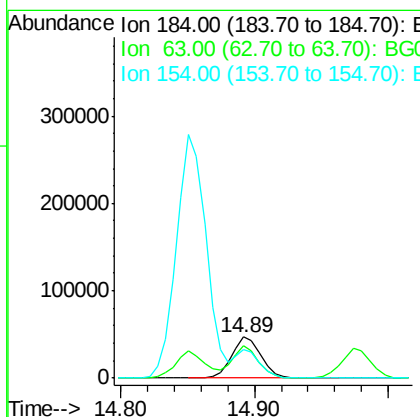
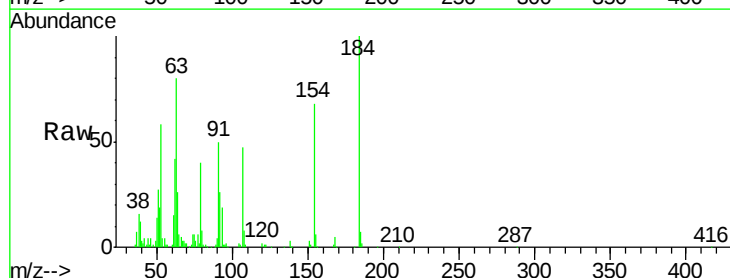
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

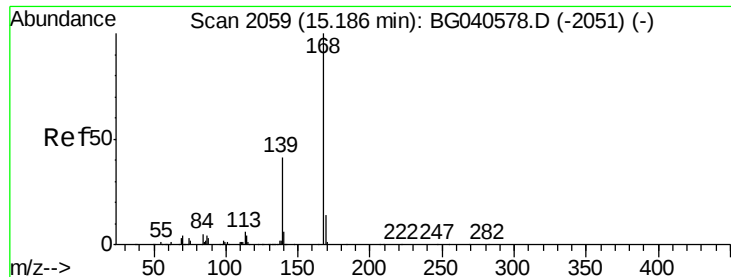
Tot Ion:138 Resp: 134550  
 Ion Ratio Lower Upper  
 138 100  
 108 12.8 12.4 18.6  
 92 132.8 108.6 162.8



#54  
 2,4-Dinitrophenol  
 Concen: 46.138 ng  
 RT: 14.89 min Scan# 2009  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Tgt Ion:184 Resp: 71062  
 Ion Ratio Lower Upper  
 184 100  
 63 79.5 51.8 77.6#  
 154 68.2 43.6 65.4#





#55

Dibenzo(f,h)quinoxaline

Concen: 40.200 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

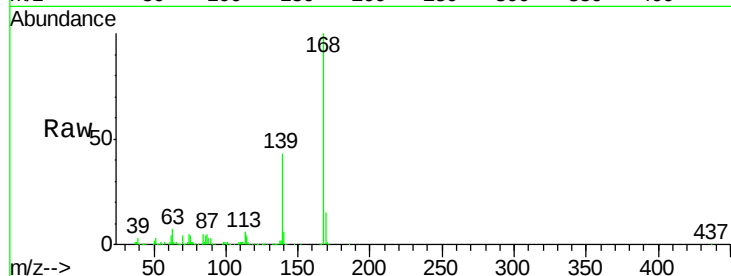
Tot Ion:168 Resp: 711258

Ion Ratio Lower Upper

168 100

139 43.3 33.0 49.4

169 14.6 11.0 16.4

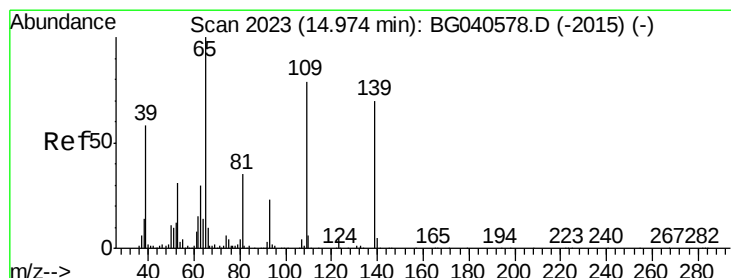
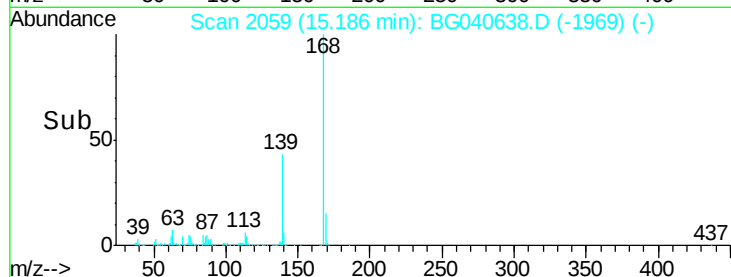


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time--> 15.10 15.20



#56

4-Nitrophenol

Concen: 42.544 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

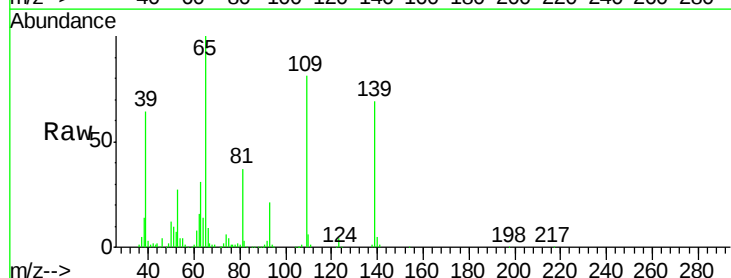
Tgt Ion:139 Resp: 111058

Ion Ratio Lower Upper

139 100

109 117.1 93.8 133.8

65 144.8 122.7 162.7

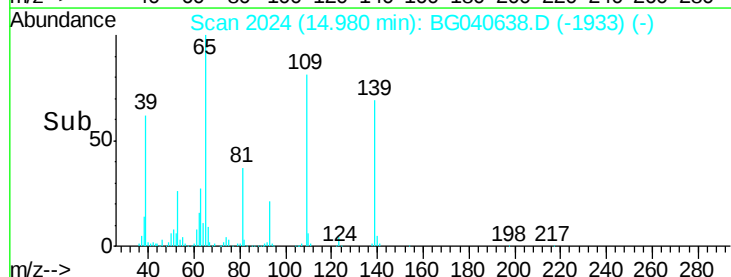


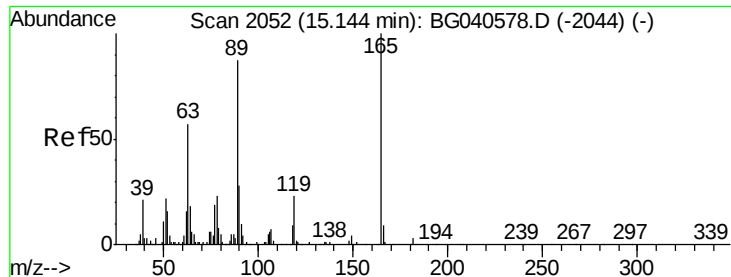
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

Time--> 14.90 15.00

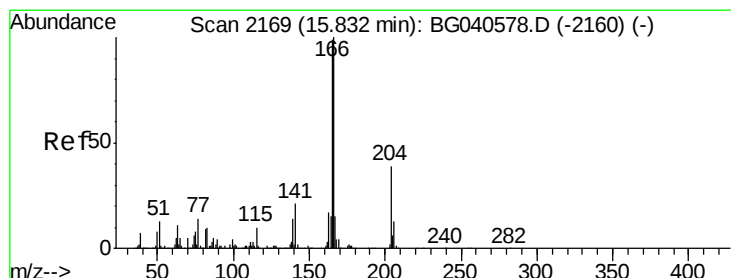
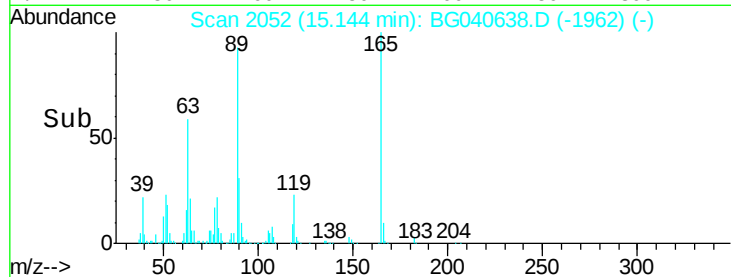
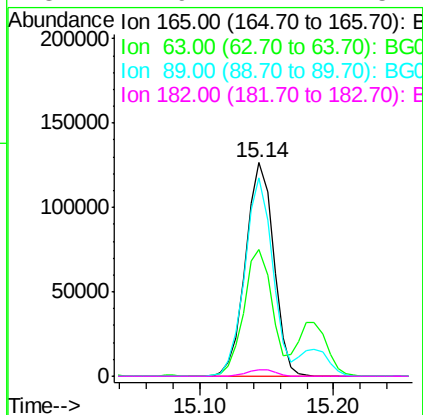
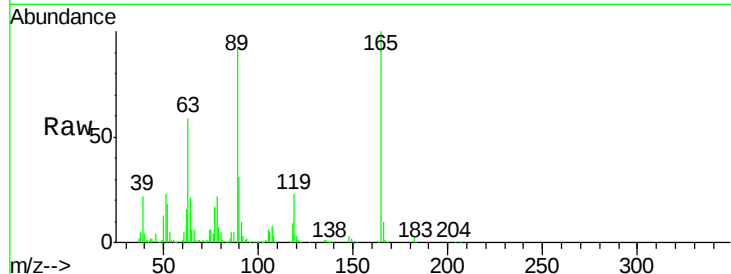




#57  
2,4-Dinitrotoluene  
Concen: 45.947 ng  
RT: 15.14 min Scan# 2052  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

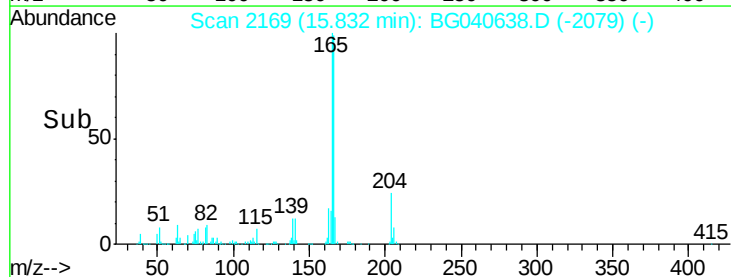
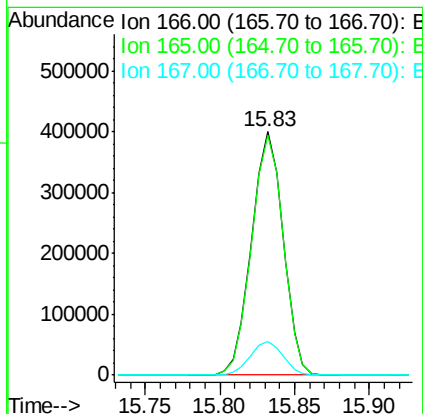
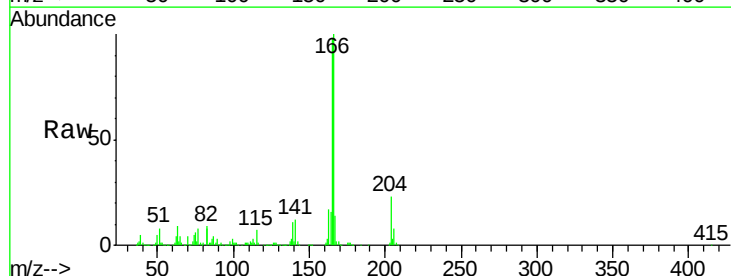
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

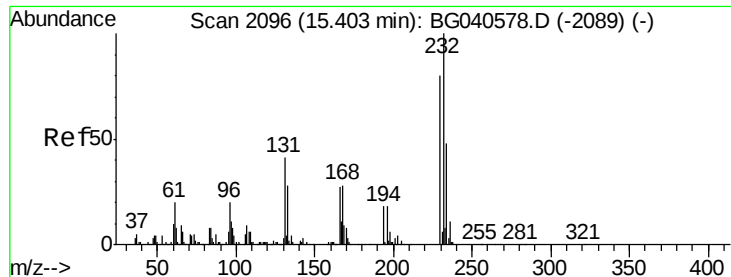
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.3  | 45.8  | 68.8  |
| 89      | 92.7  | 69.4  | 104.2 |
| 182     | 2.9   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 40.748 ng  
RT: 15.83 min Scan# 2169  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.4  | 79.6  | 119.4 |
| 167     | 14.0  | 12.2  | 18.2  |

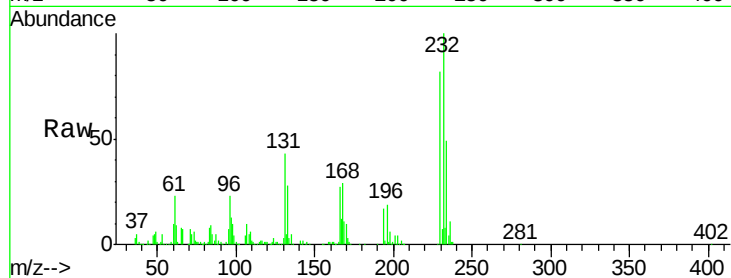




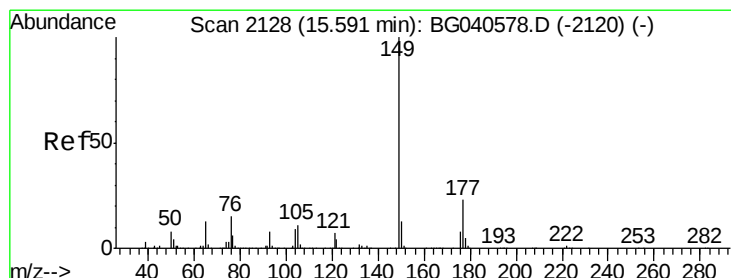
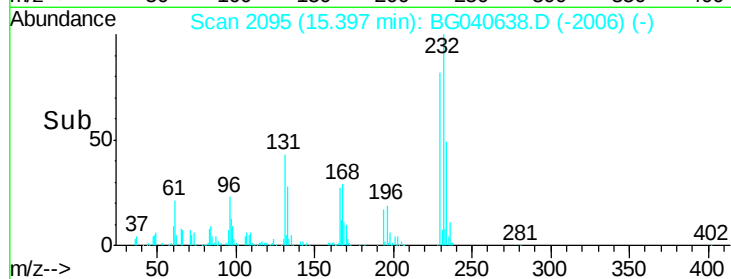
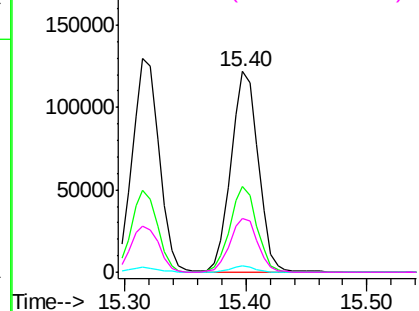
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.326 ng  
 RT: 15.40 min Scan# 2095  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 192422    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 41.8  | 33.0 49.4 |
| 130         | 2.7   | 2.0 3.0   |
| 166         | 27.1  | 22.1 33.1 |

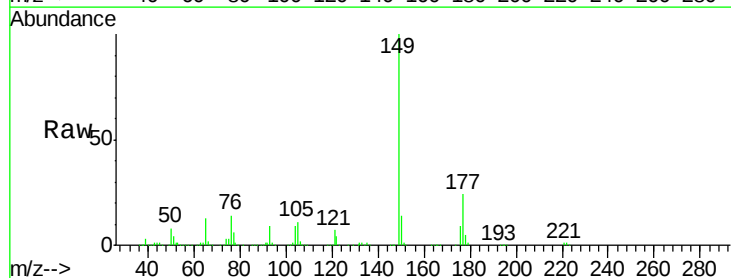


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

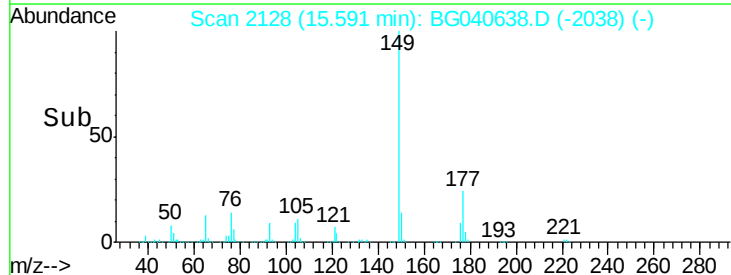
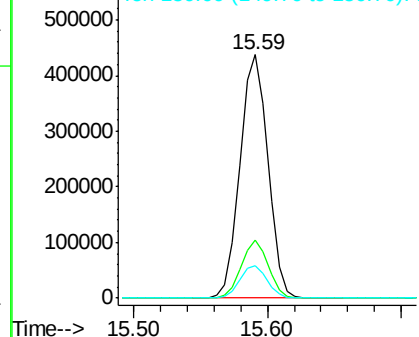


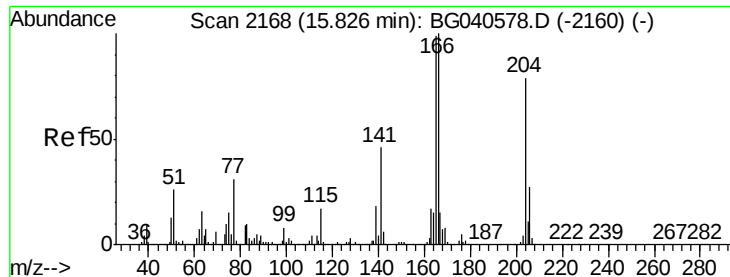
#60  
 Diethylphthalate  
 Concen: 39.802 ng  
 RT: 15.59 min Scan# 2128  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 632198    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.6  | 18.5 27.7 |
| 150         | 13.6  | 10.2 15.4 |



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

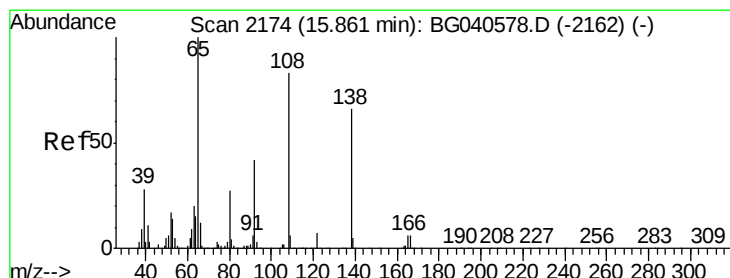
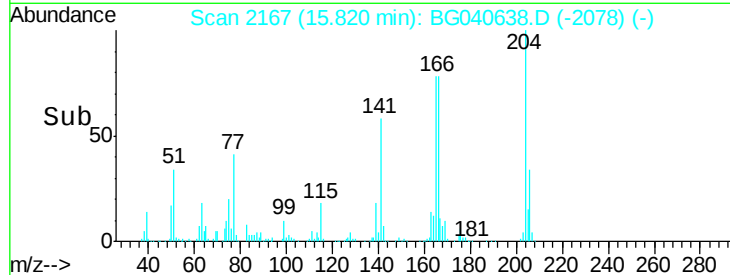
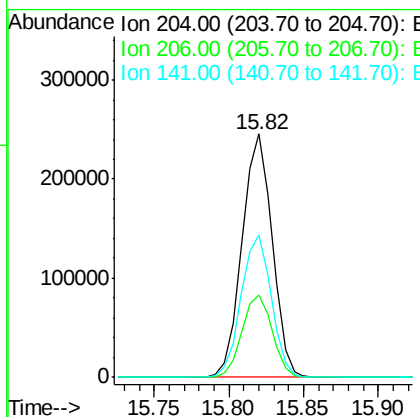
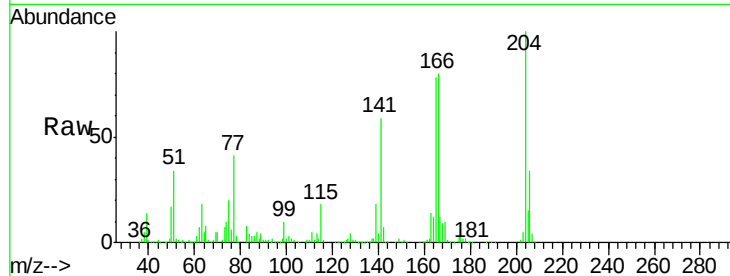




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.144 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

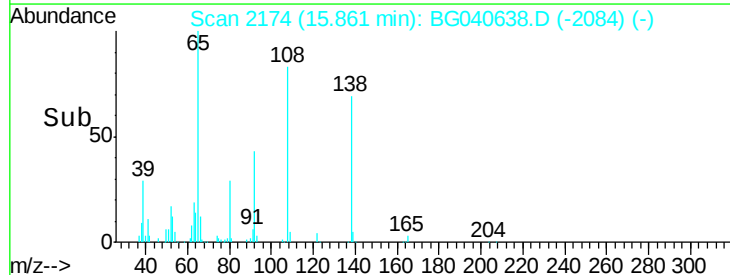
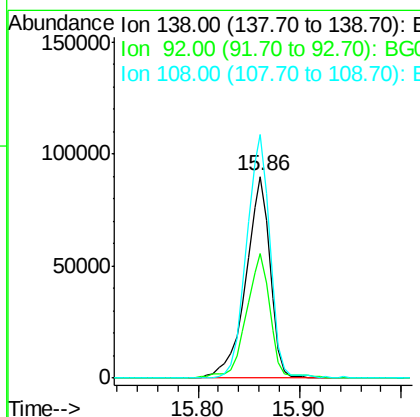
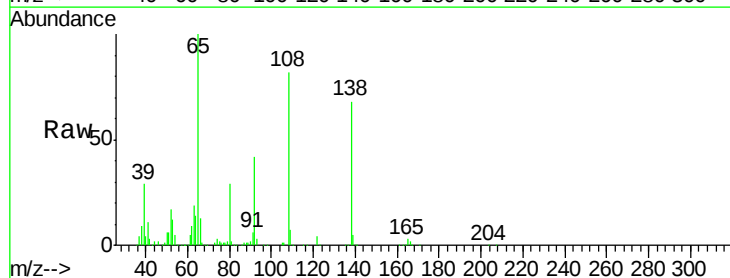
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

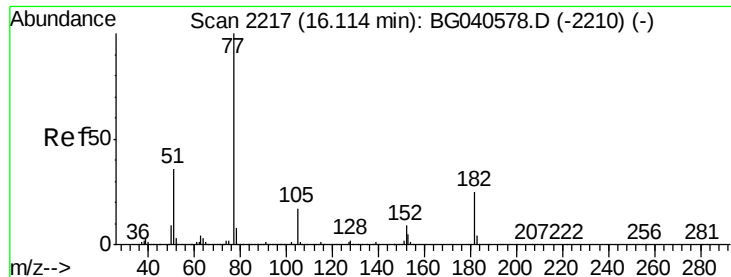
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 342204 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.9  | 27.4  | 41.2   |
| 141      | 58.6  | 46.0  | 69.0   |



#62  
 4-Nitroaniline  
 Concen: 44.211 ng  
 RT: 15.86 min Scan# 2174  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 148883 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 61.7  | 43.9  | 83.9   |
| 108      | 120.8 | 106.5 | 146.5  |

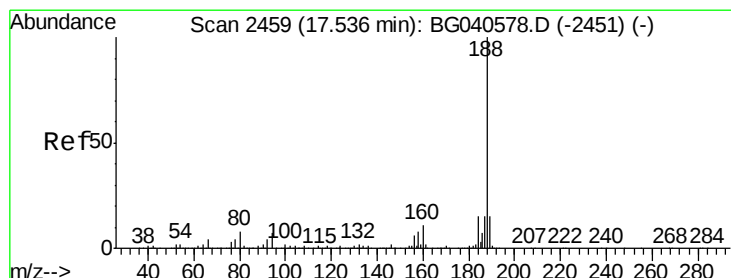
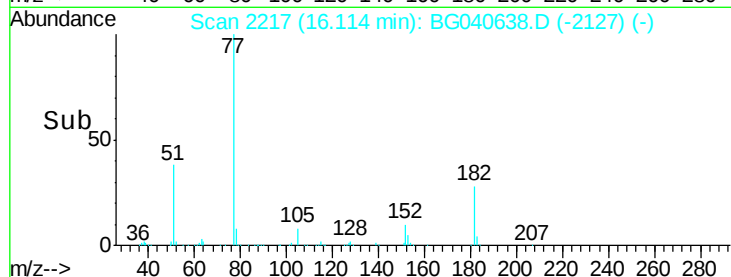
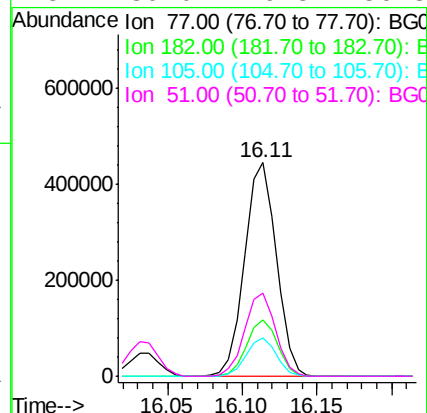
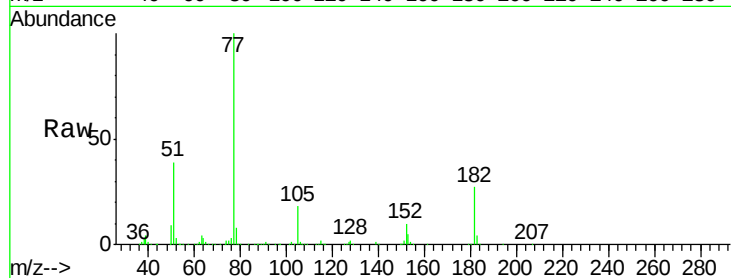




#63  
Azobenzene  
Concen: 40.005 ng  
RT: 16.11 min Scan# 2217  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

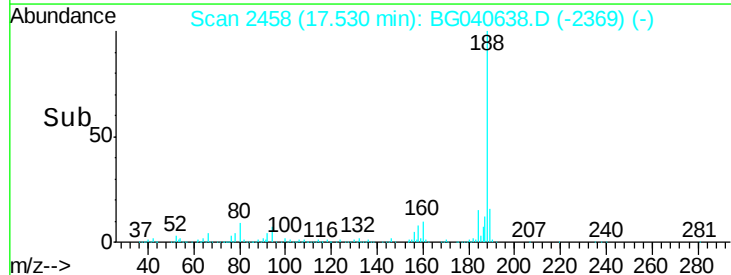
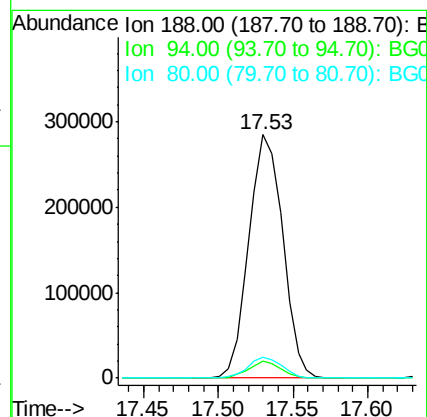
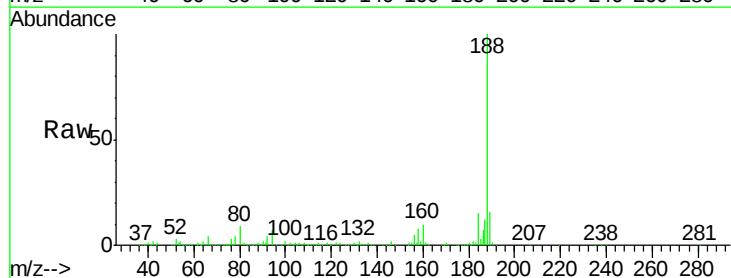
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

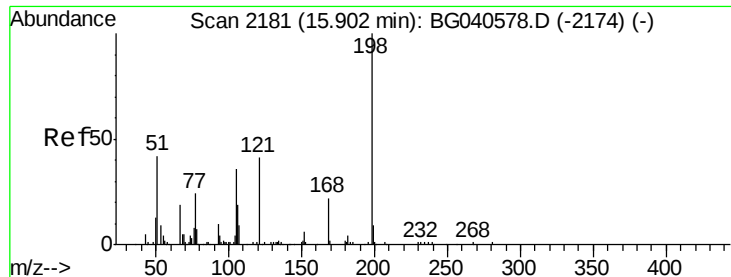
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 5.0   | 45.0  |
| 105     | 17.9  | 0.0   | 37.6  |
| 51      | 39.0  | 16.3  | 56.3  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.9   | 5.6   | 8.4   |
| 80      | 8.7   | 6.4   | 9.6   |





#65

4,6-Dinitro-2-methylphenol

Concen: 43.782 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

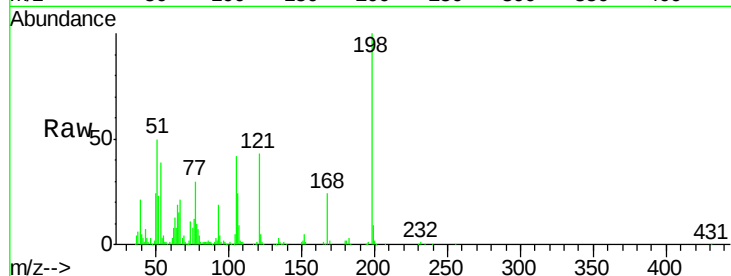
Tot Ion:198 Resp: 94921

Ion Ratio Lower Upper

198 100

51 50.4 35.9 75.9

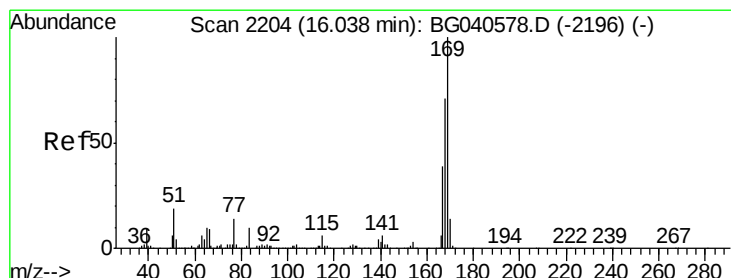
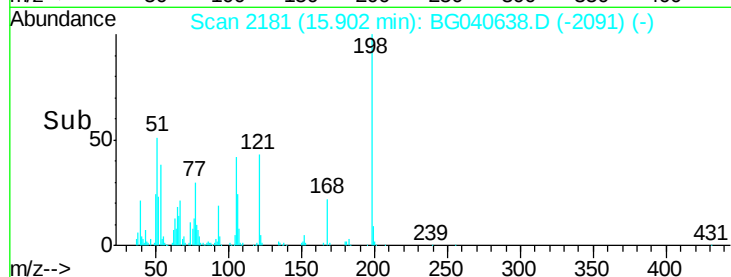
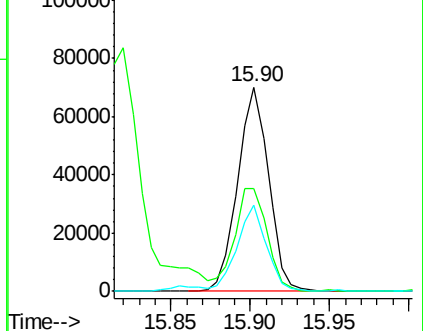
105 42.0 21.2 61.2



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



#66

n-Nitrosodiphenylamine

Concen: 39.049 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

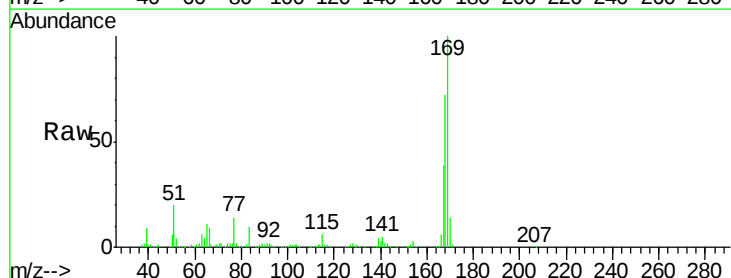
Tgt Ion:169 Resp: 514105

Ion Ratio Lower Upper

169 100

168 72.1 56.8 85.2

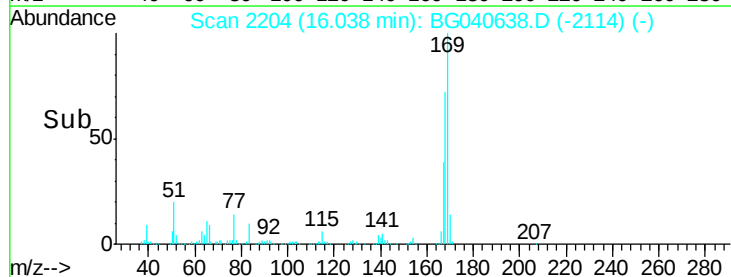
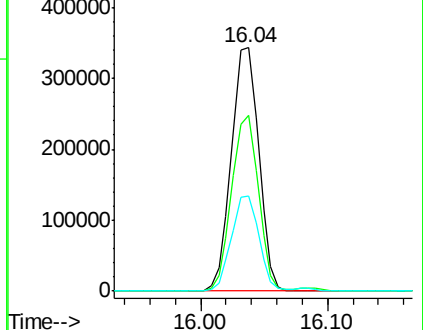
167 39.3 31.4 47.0

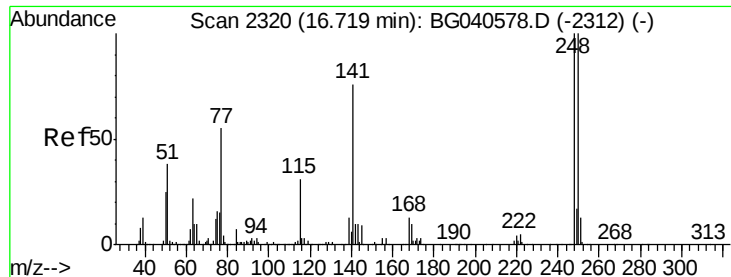


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

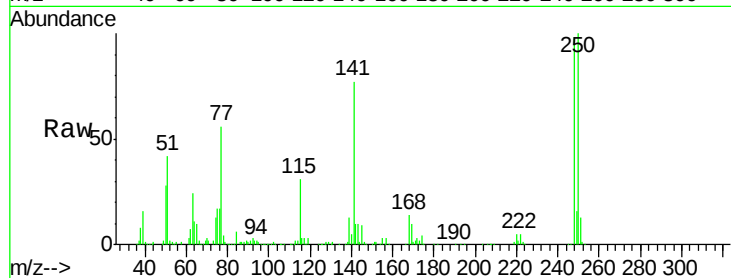




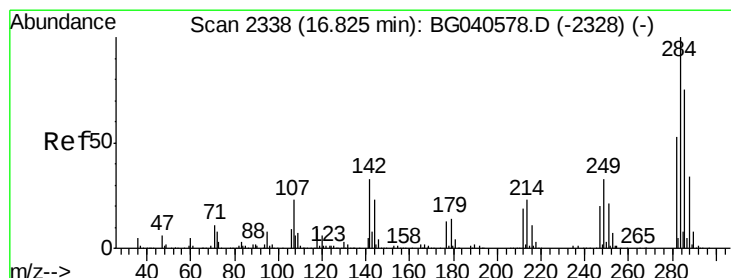
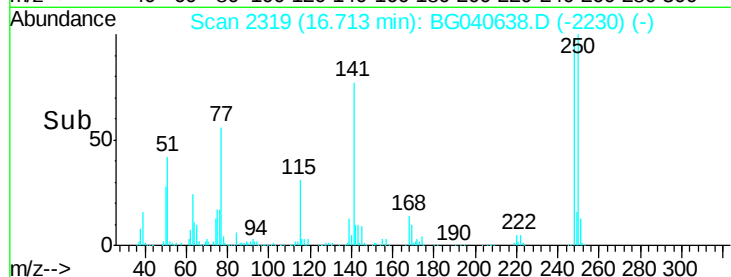
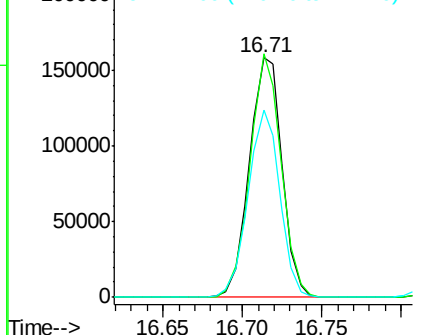
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.692 ng  
 RT: 16.71 min Scan# 2319  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:248 Resp: 226862  
 Ion Ratio Lower Upper  
 248 100  
 250 101.6 79.8 119.6  
 141 78.0 60.8 91.2

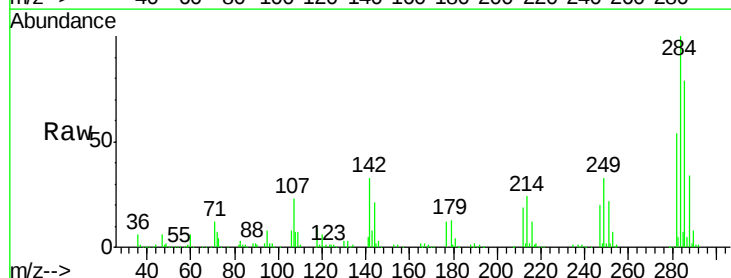


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

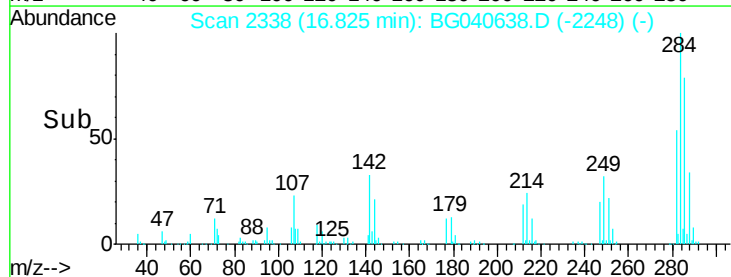
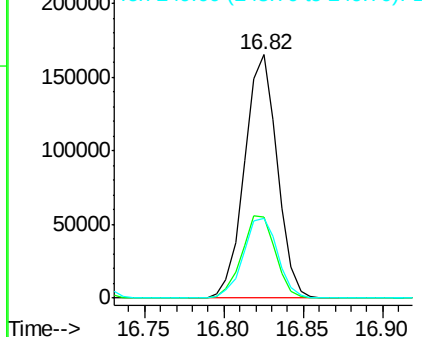


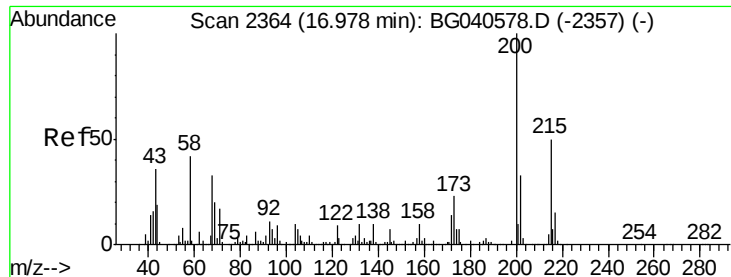
#68  
 Hexachlorobenzene  
 Concen: 40.984 ng  
 RT: 16.82 min Scan# 2338  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

Tgt Ion:284 Resp: 236263  
 Ion Ratio Lower Upper  
 284 100  
 142 33.1 26.6 40.0  
 249 32.5 26.0 39.0



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





#69

Atrazine

Concen: 38.614 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

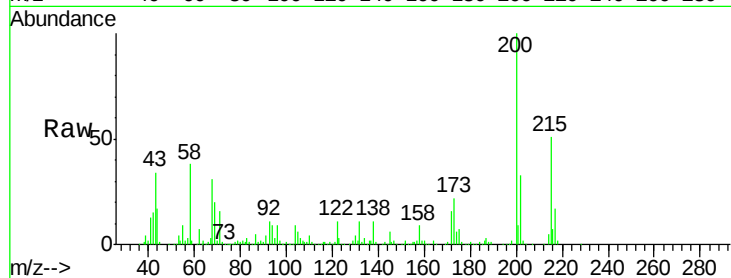
Tot Ion:200 Resp: 201420

Ion Ratio Lower Upper

200 100

173 22.3 2.8 42.8

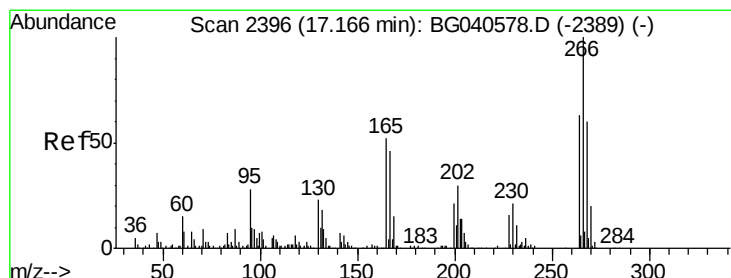
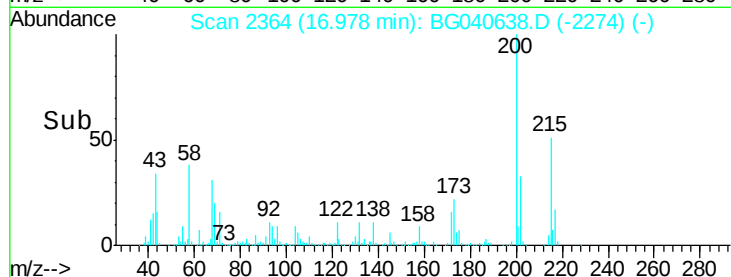
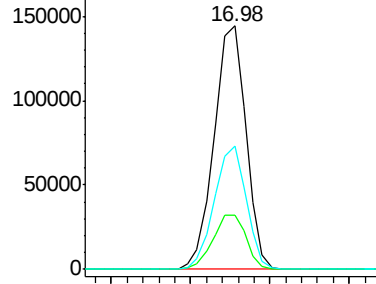
215 50.6 30.2 70.2



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: 43.308 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

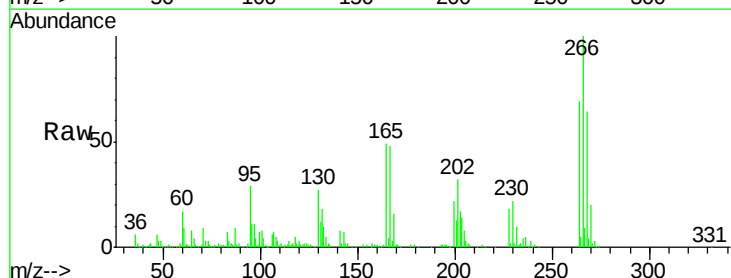
Tgt Ion:266 Resp: 146092

Ion Ratio Lower Upper

266 100

268 68.2 52.3 78.5

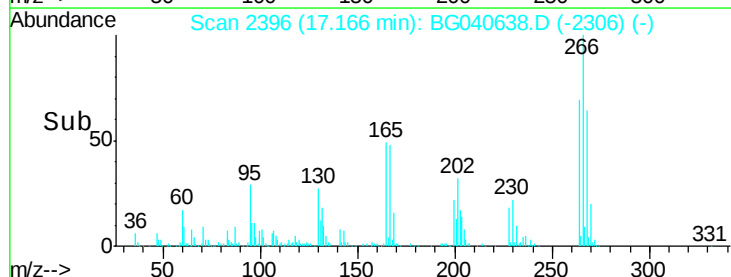
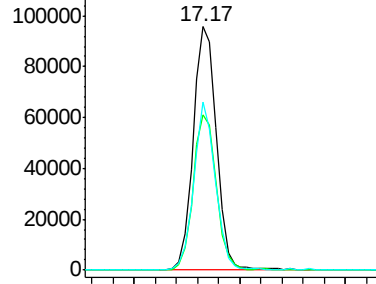
264 69.1 50.0 75.0

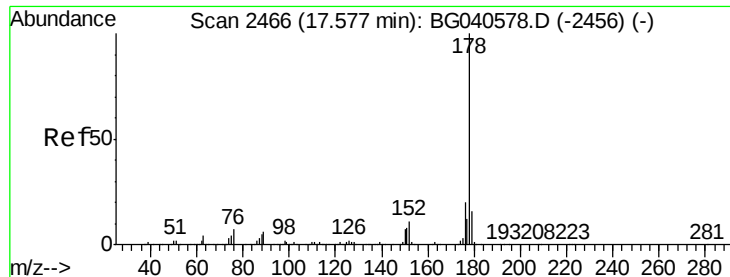


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

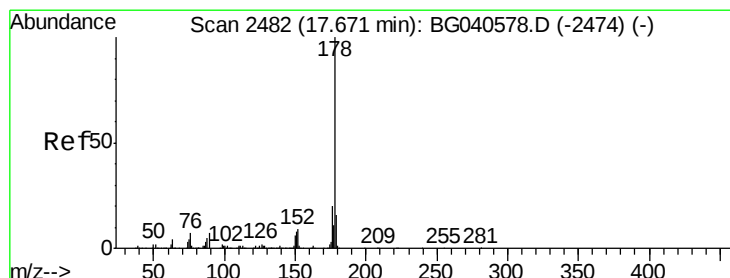
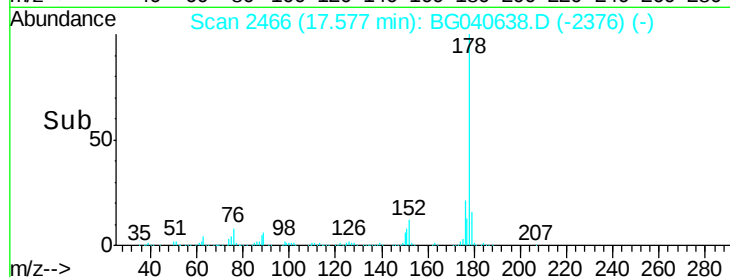
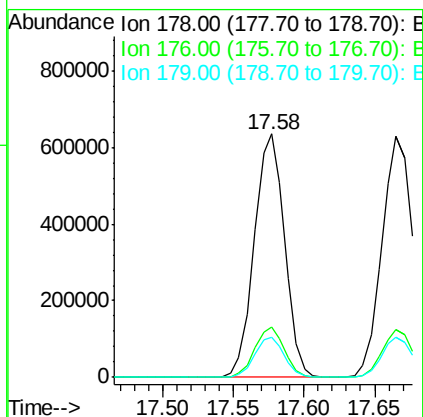
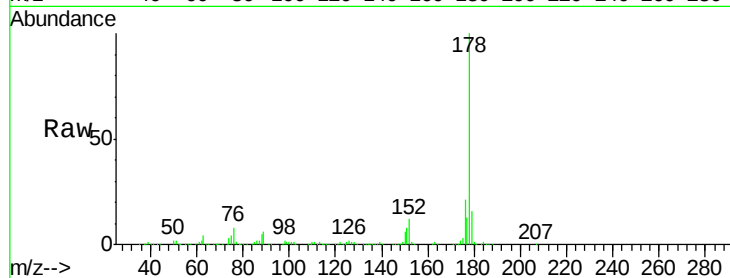




#71  
Phenanthrene  
Concen: 39.801 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

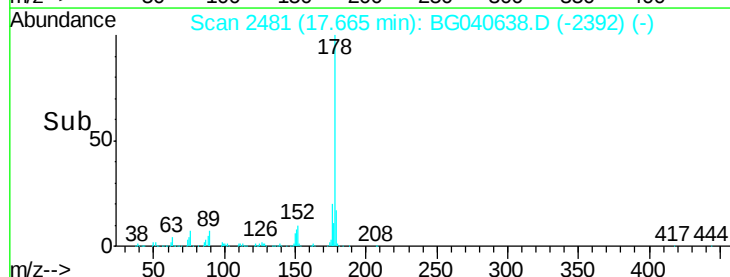
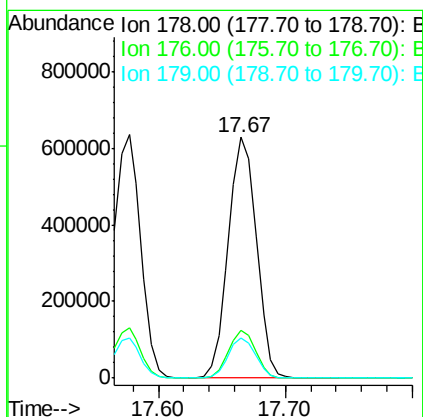
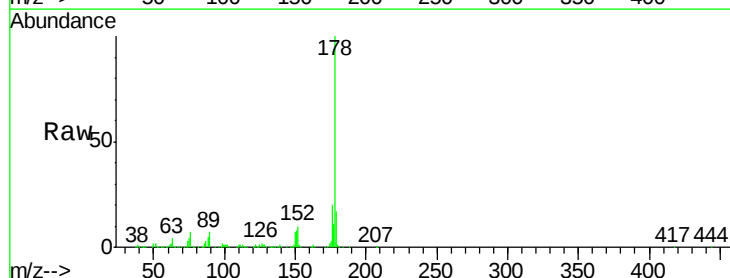
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

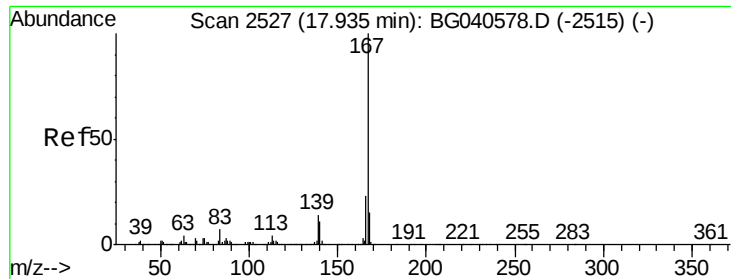
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 15.8  | 23.6  |
| 179     | 16.4  | 12.6  | 18.8  |



#72  
Anthracene  
Concen: 39.823 ng  
RT: 17.67 min Scan# 2481  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.6  | 23.4  |
| 179     | 16.9  | 12.9  | 19.3  |

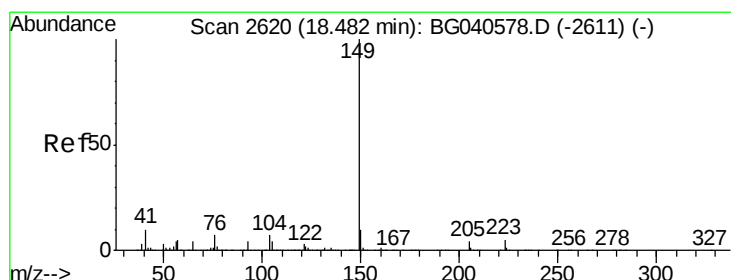
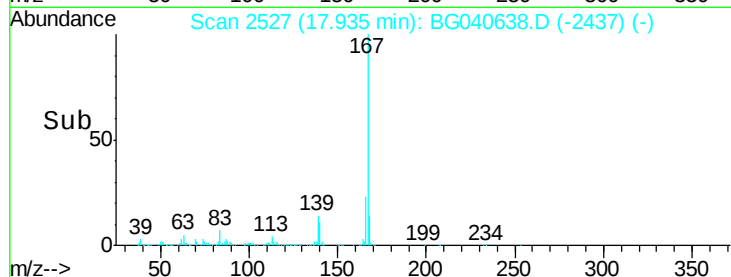
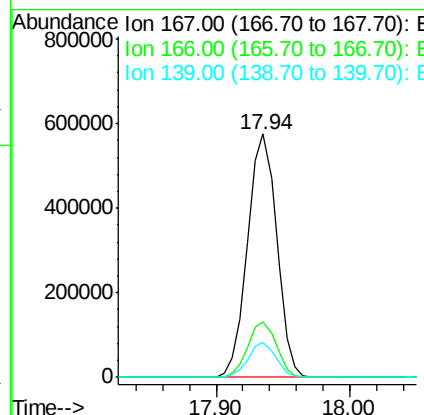
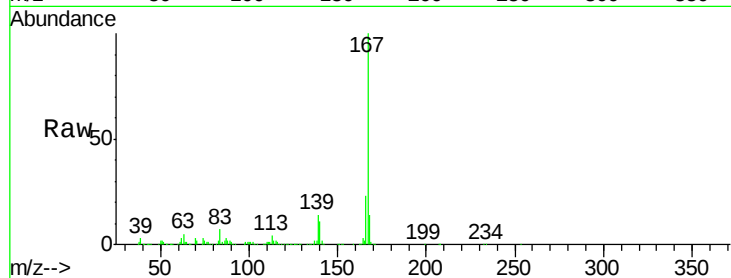




#73  
 Carbazole  
 Concen: 39.248 ng  
 RT: 17.94 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

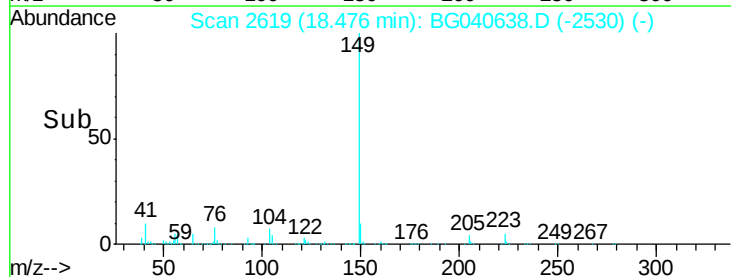
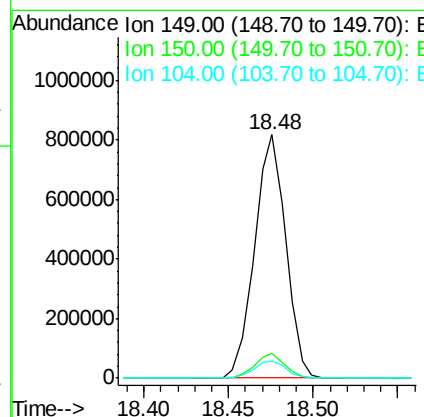
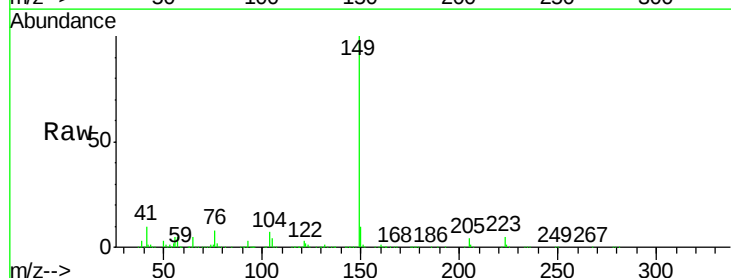
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040EC

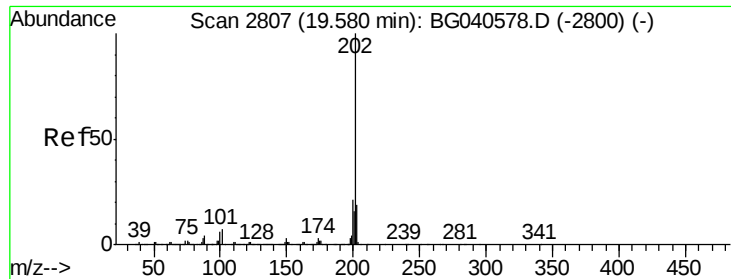
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 18.2  | 27.4  |
| 139     | 14.4  | 11.4  | 17.0  |



#74  
 Di-n-butylphthalate  
 Concen: 39.295 ng  
 RT: 18.48 min Scan# 2619  
 Delta R.T. -0.01 min  
 Lab File: BG040638.D  
 Acq: 26 Apr 2019 20:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.2  |
| 104     | 7.3   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 39.886 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

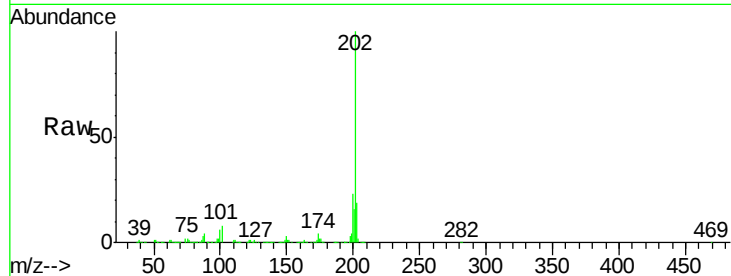
Tot Ion:202 Resp: 1198043

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.5

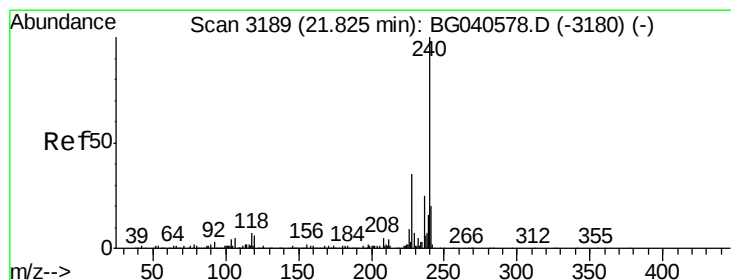
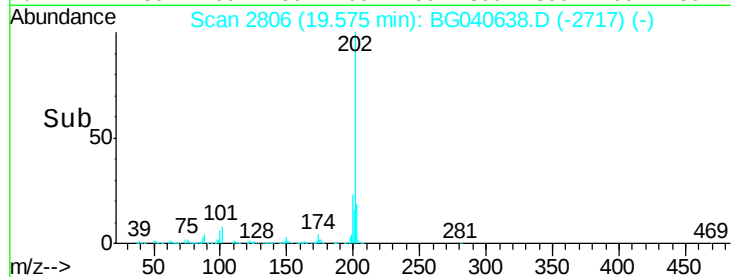
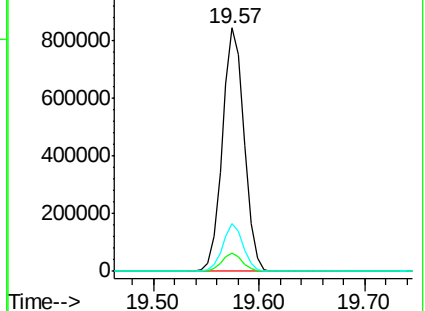
203 19.4 0.0 39.3



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: 21.82 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

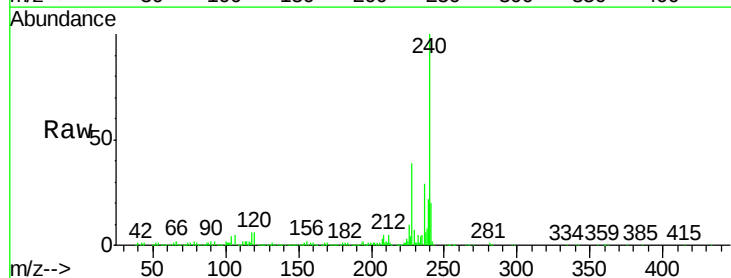
Tgt Ion:240 Resp: 423651

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

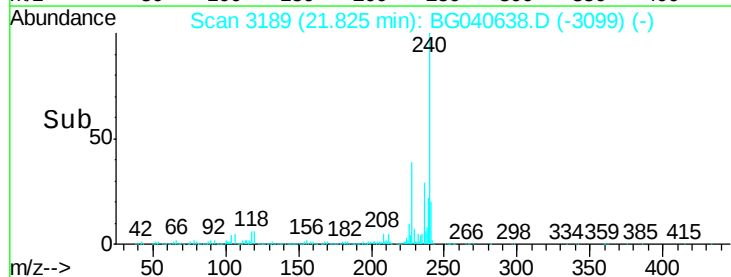
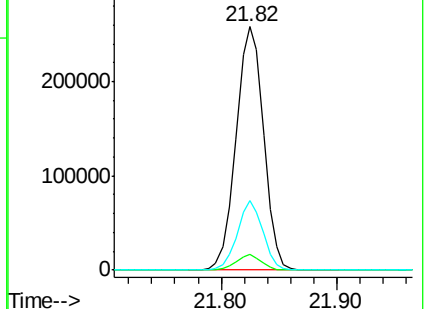
236 28.5 20.3 30.5

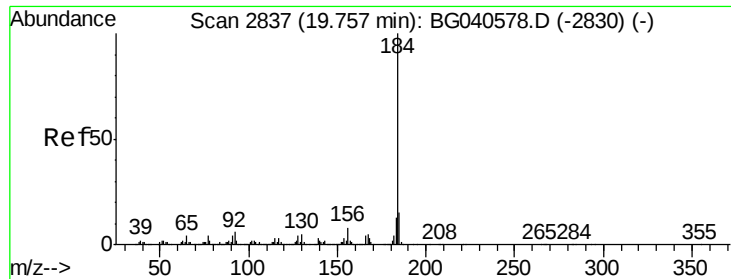


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.667 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

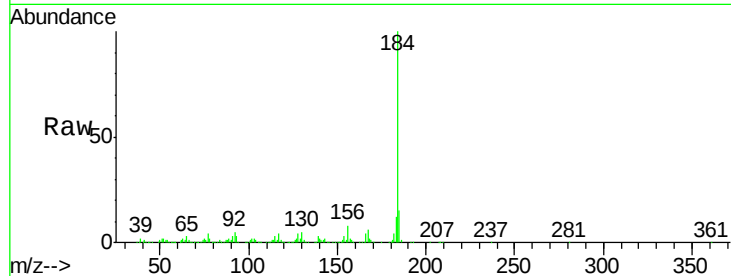
Tot Ion:184 Resp: 552923

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

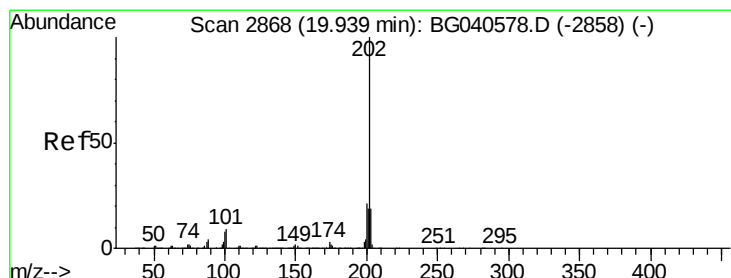
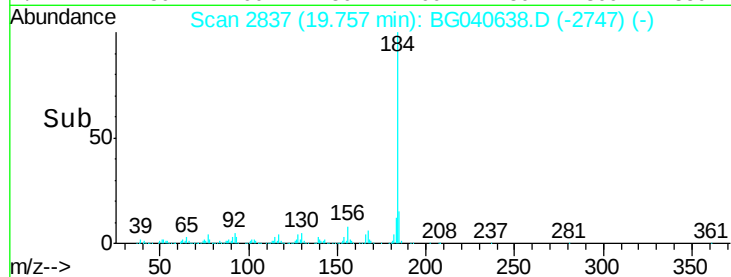
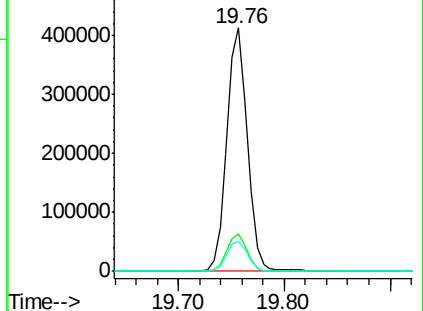
183 12.1 10.2 15.2



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: 45.173 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

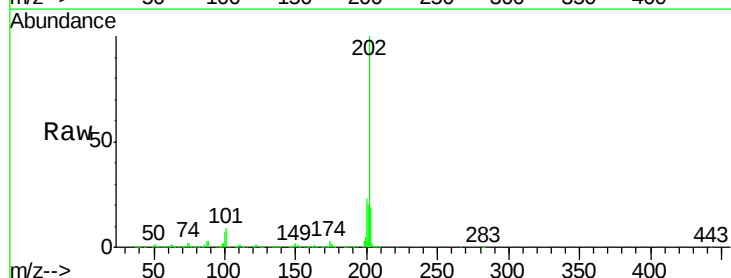
Tgt Ion:202 Resp: 1199469

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

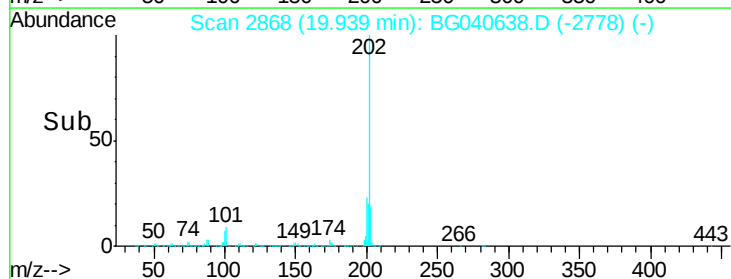
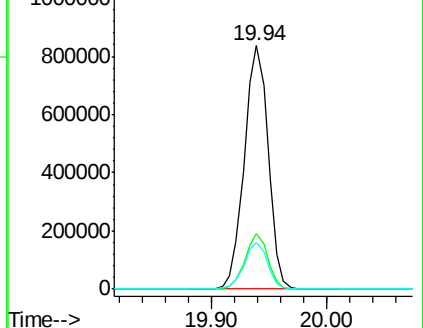
203 19.2 15.0 22.4

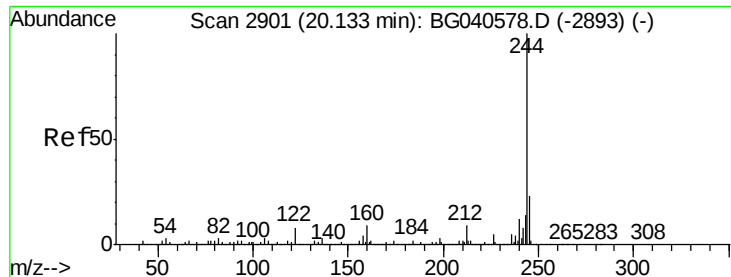


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.043 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

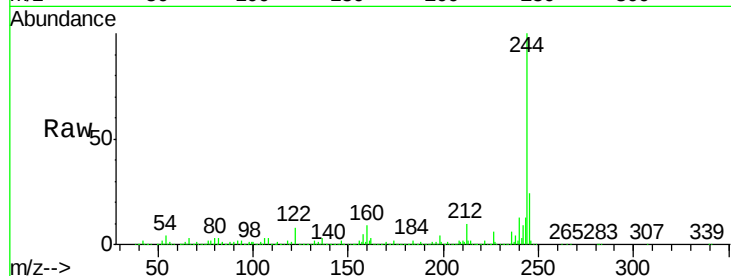
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1721873

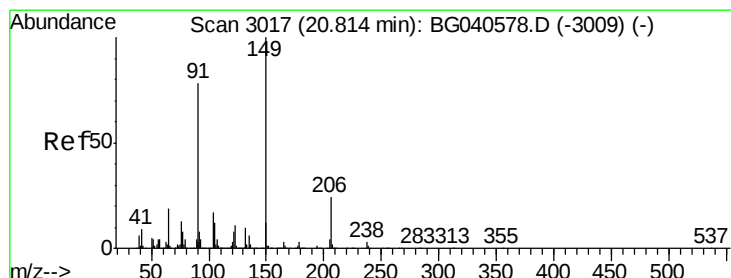
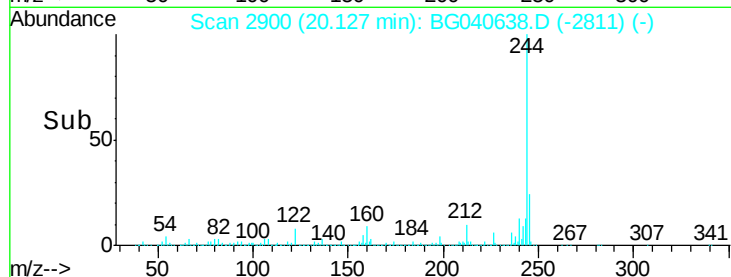
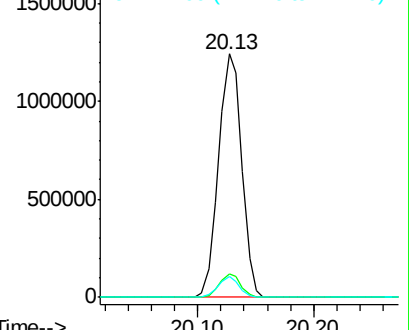
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.6   | 7.2   | 10.8  |
| 122 | 8.3   | 6.6   | 10.0  |



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: 44.996 ng

RT: 20.81 min Scan# 3017

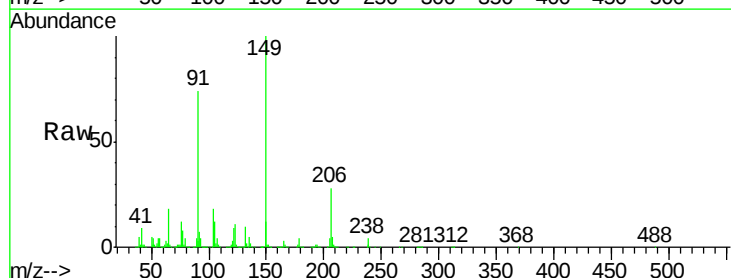
Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Tgt Ion:149 Resp: 465664

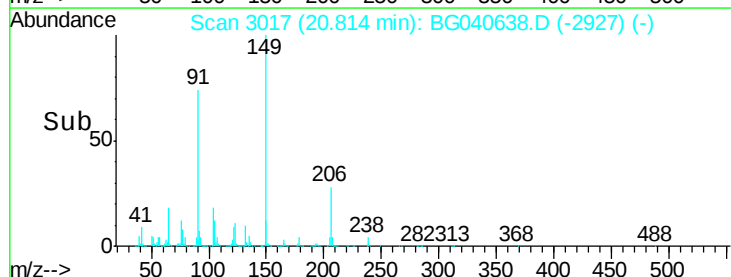
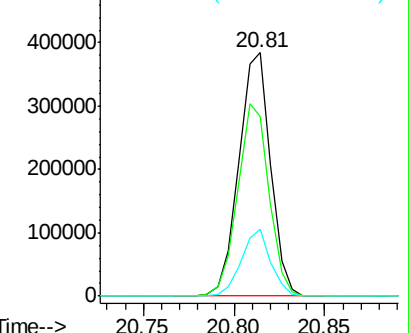
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.6  | 62.6  | 93.8  |
| 206 | 27.7  | 19.4  | 29.2  |

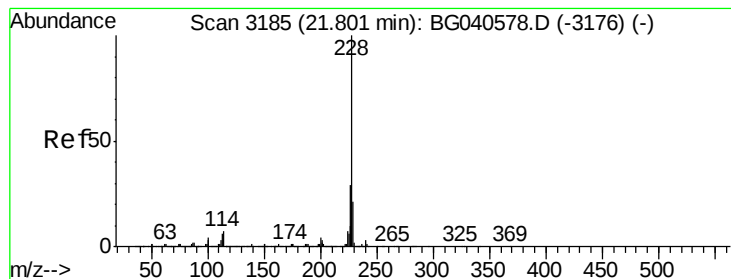


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.690 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

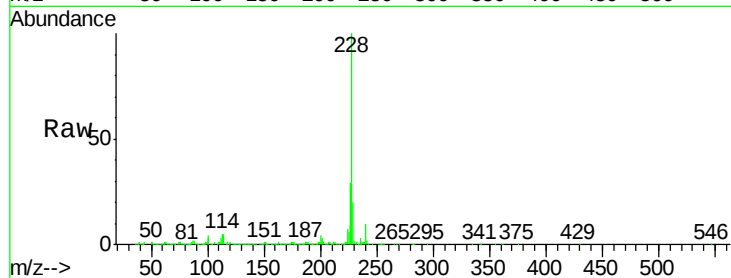
Tot Ion:228 Resp: 1196573

Ion Ratio Lower Upper

228 100

226 28.8 23.1 34.7

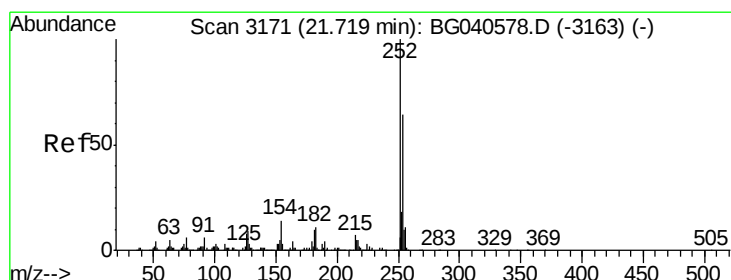
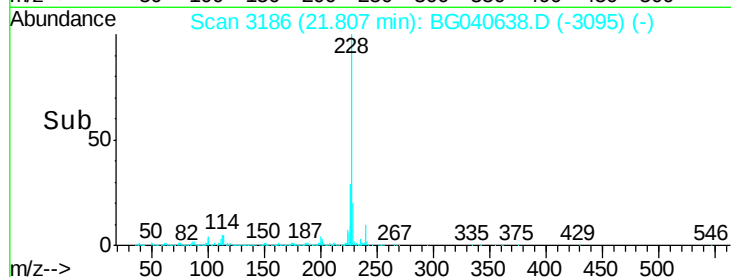
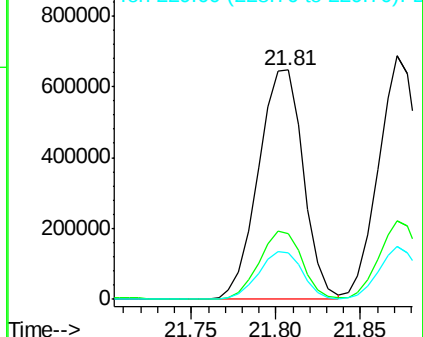
229 20.3 17.0 25.4



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: 45.543 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

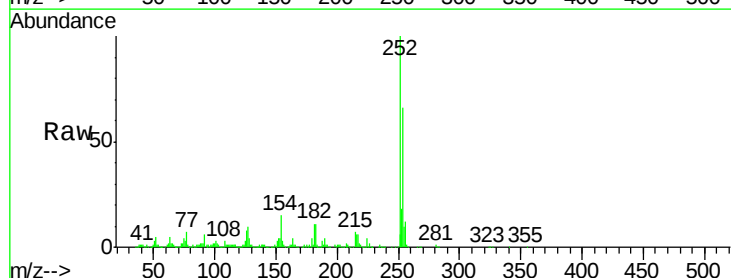
Tgt Ion:252 Resp: 434630

Ion Ratio Lower Upper

252 100

254 66.5 51.2 76.8

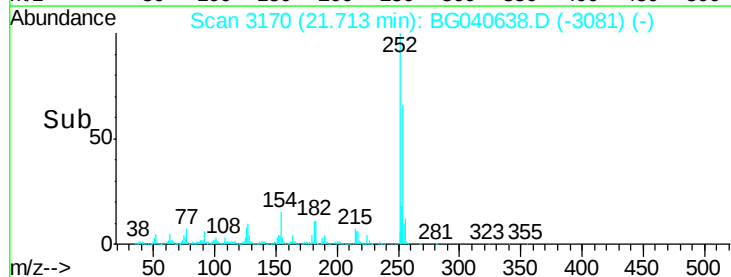
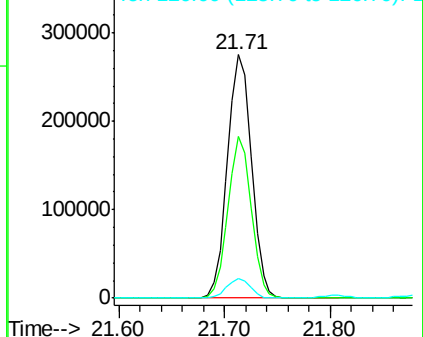
126 7.9 6.6 10.0

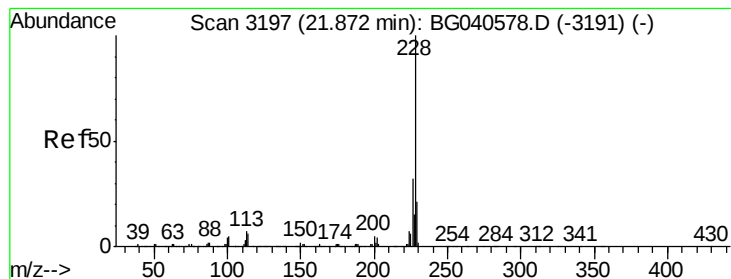


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.978 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

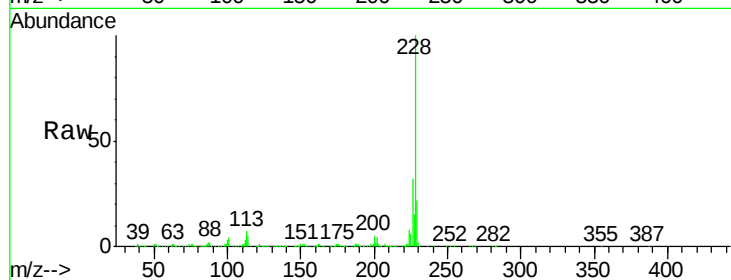
BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1145307

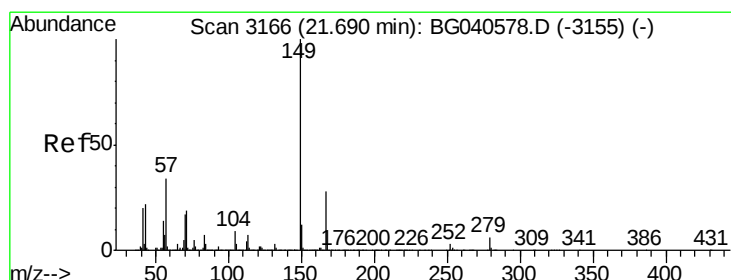
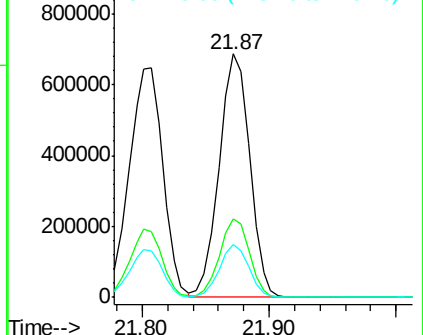
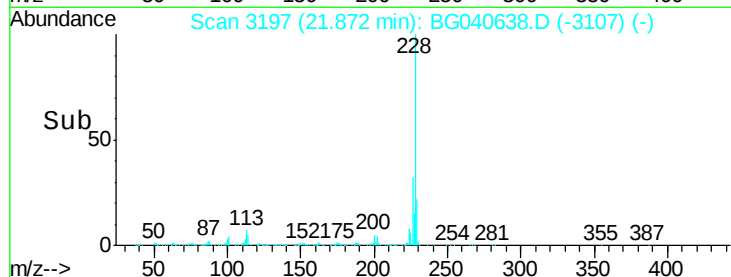
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.3  | 25.5  | 38.3  |
| 229 | 21.8  | 16.8  | 25.2  |



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: 43.361 ng

RT: 21.68 min Scan# 3165

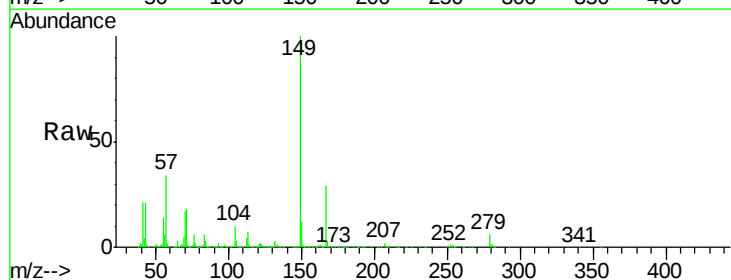
Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Tgt Ion:149 Resp: 647761

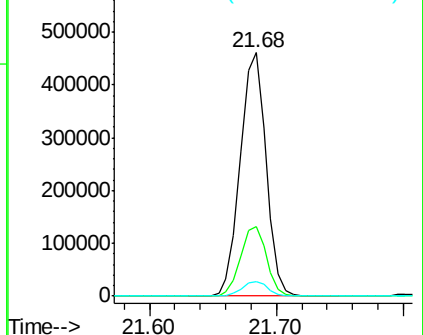
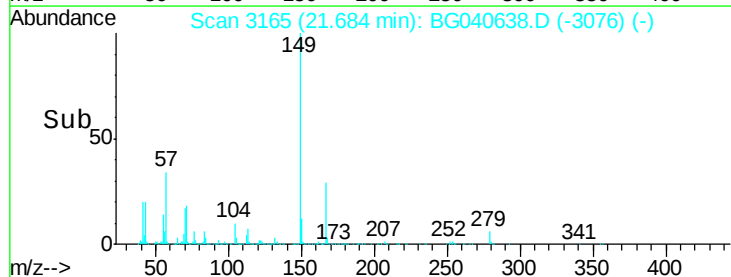
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.7  | 22.4  | 33.6  |
| 279 | 6.2   | 4.6   | 6.8   |

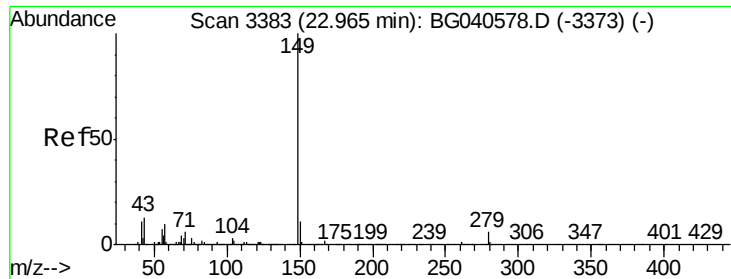


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.768 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

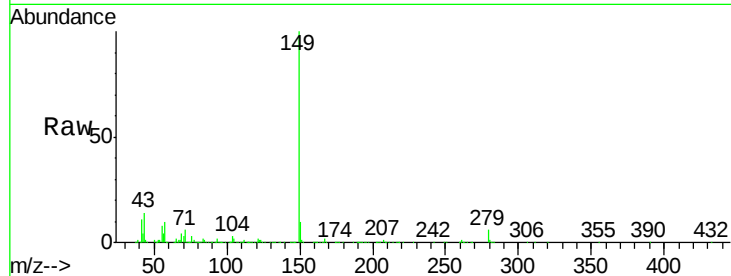
Tot Ion:149 Resp: 1101148

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

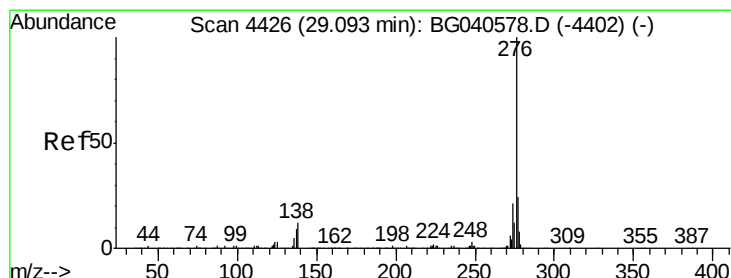
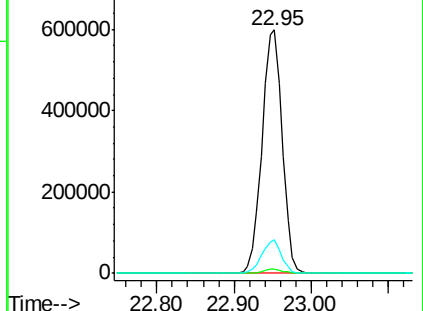
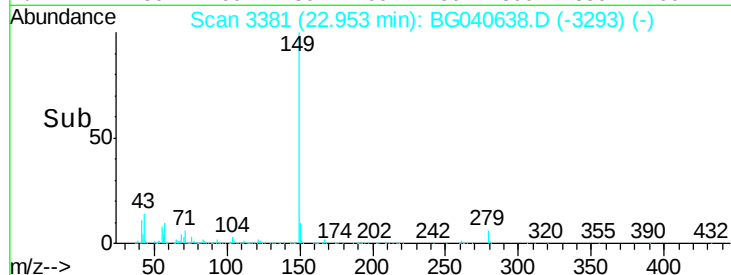
43 13.4 10.2 15.2



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: 45.073 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

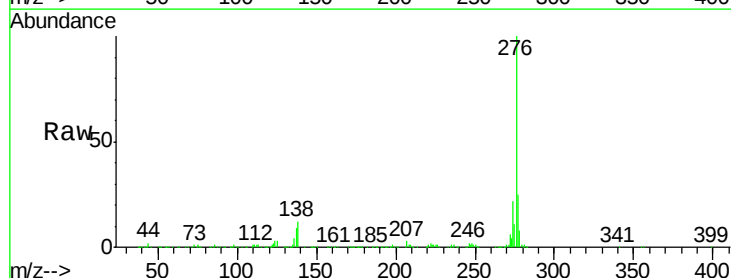
Tgt Ion:276 Resp: 1387649

Ion Ratio Lower Upper

276 100

138 9.9 9.8 14.6

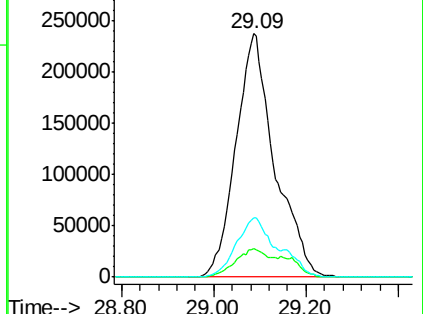
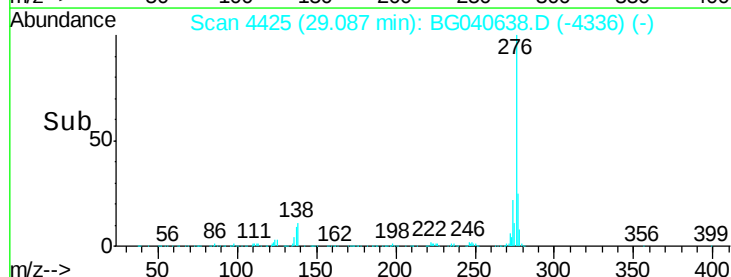
277 26.1 17.3 25.9#

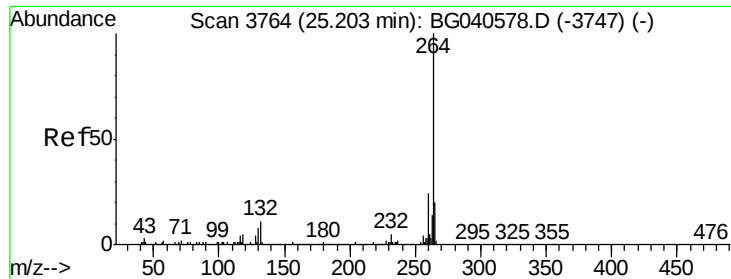


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

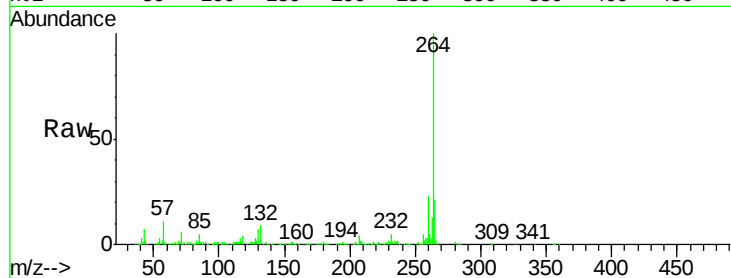
Tot Ion:264 Resp: 458193

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

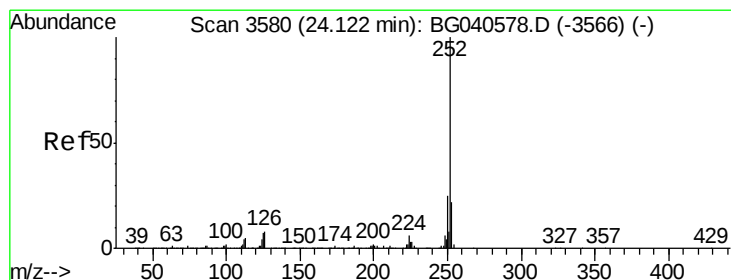
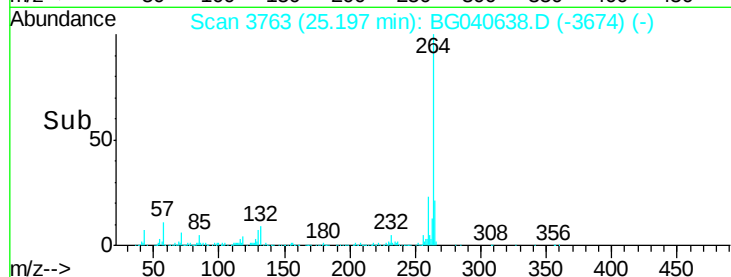
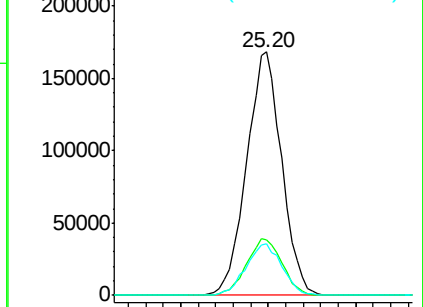
265 21.2 16.6 25.0



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: 41.770 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

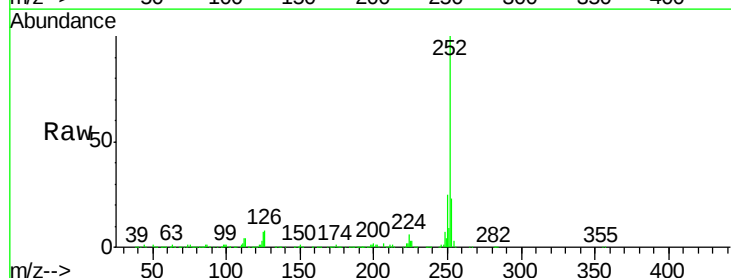
Tgt Ion:252 Resp: 1169530

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

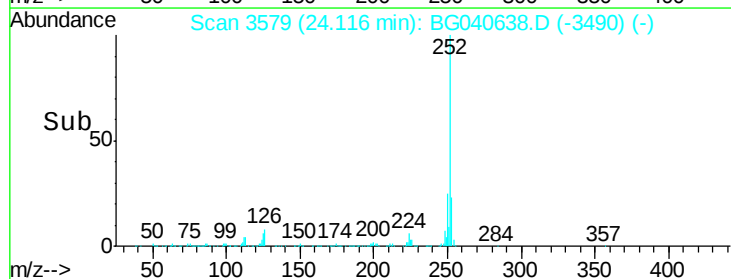
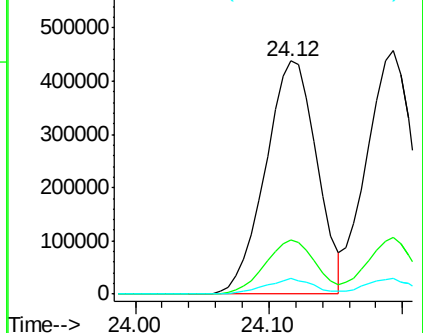
125 6.5 5.4 8.0

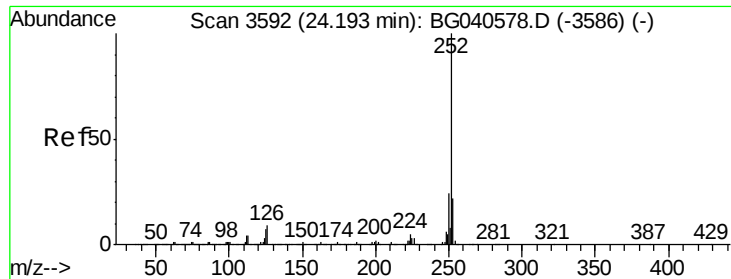


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.110 ng

RT: 24.19 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

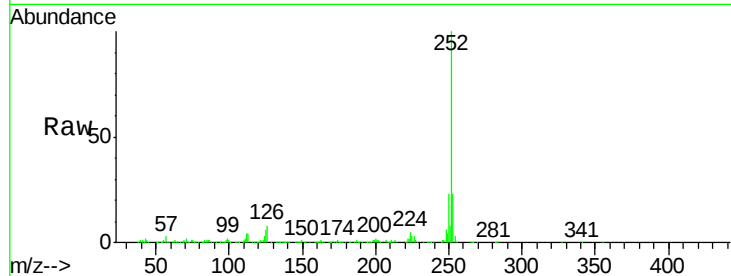
Tot Ion:252 Resp: 1101125

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

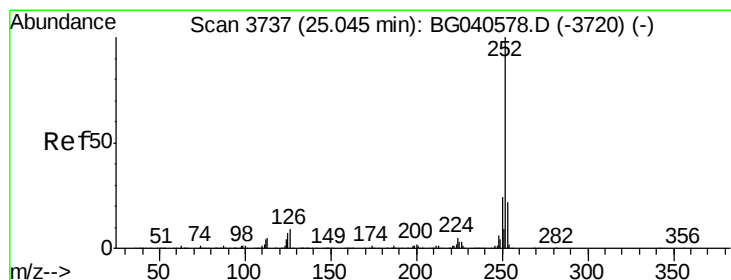
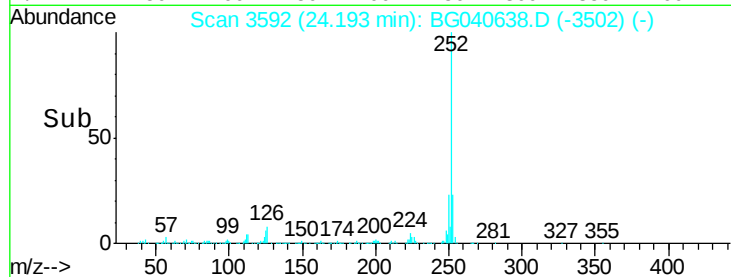
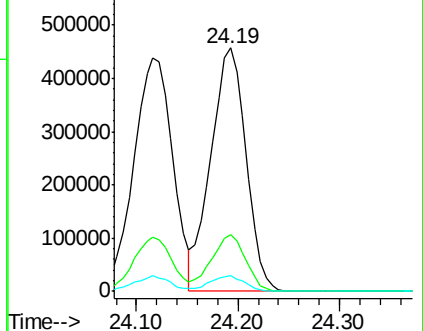
125 6.5 5.5 8.3



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: 42.012 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG040638.D

Acq: 26 Apr 2019 20:37

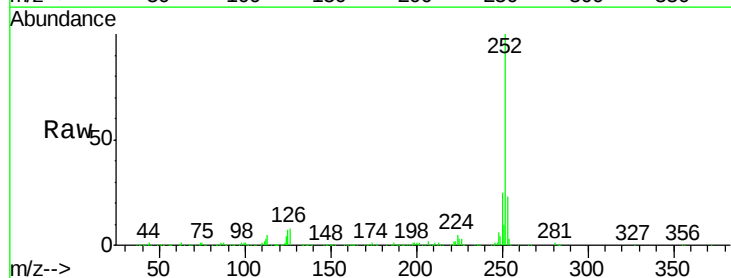
Tgt Ion:252 Resp: 1113490

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

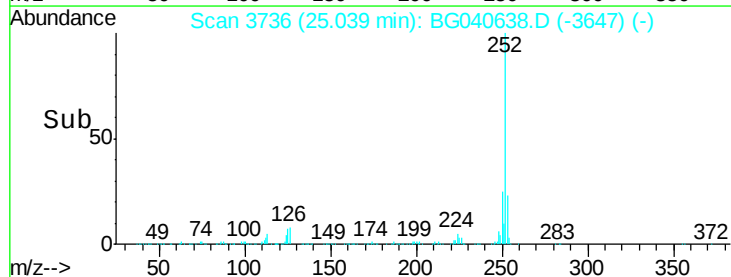
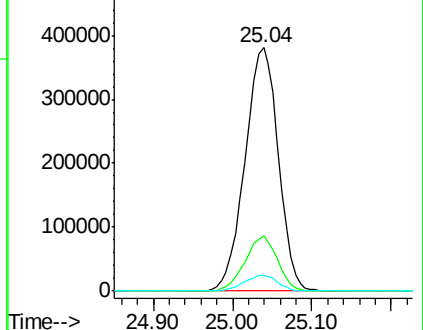
125 6.6 5.7 8.5

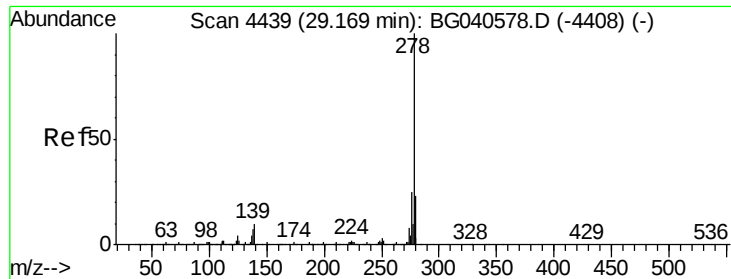


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

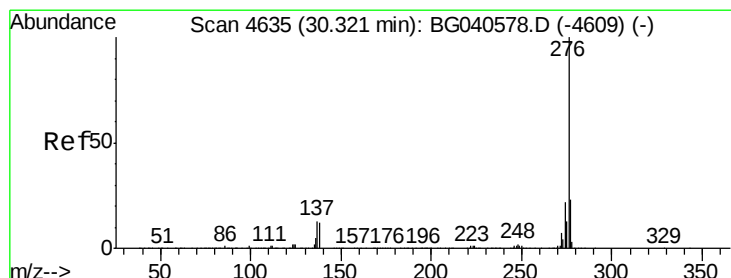
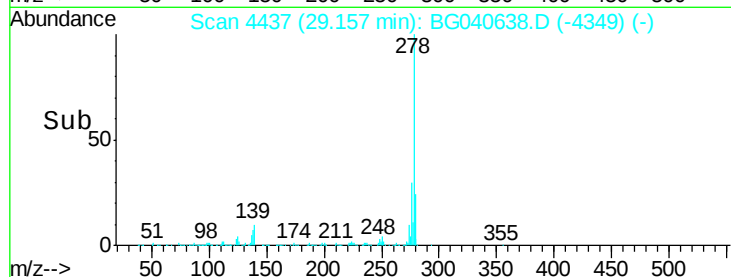
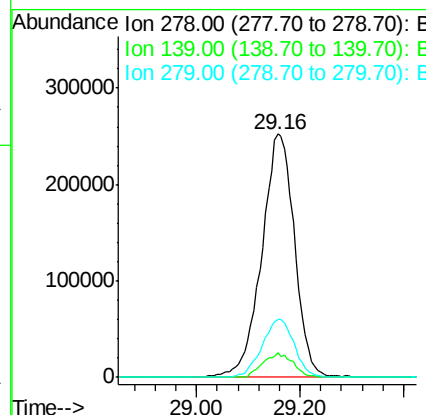
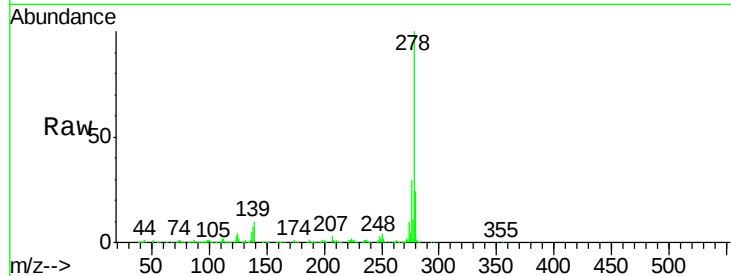




#91  
Dibenzo(a,h)anthracene  
Concen: 41.393 ng  
RT: 29.16 min Scan# 4437  
Delta R.T. -0.01 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:278 Resp: 1110197  
Ion Ratio Lower Upper  
278 100  
139 10.2 8.2 12.4  
279 23.9 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 41.827 ng  
RT: 30.32 min Scan# 4635  
Delta R.T. 0.00 min  
Lab File: BG040638.D  
Acq: 26 Apr 2019 20:37

Tgt Ion:276 Resp: 1116504  
Ion Ratio Lower Upper  
276 100  
277 22.4 18.4 27.6  
138 11.5 9.8 14.6

