

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\  
 Data File : BG028727.D  
 Acq On : 14 Sep 2017 11:21  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Sep 14 12:01:59 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.32  | 152  | 25492    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.15 | 136  | 110558   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.94 | 164  | 90507    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.70 | 188  | 257622   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 298606   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.52 | 264  | 309873   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.90  | 112 | 118196  | 76.51 | ng | 0.00 |
| 7) Phenol-d6             | 7.48  | 99  | 181013  | 77.82 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.50  | 82  | 184143  | 79.68 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.43 | 330 | 135157  | 90.29 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.56 | 172 | 504008  | 74.25 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.27 | 244 | 1108172 | 79.14 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.84  | 88  | 23273  | 37.199 | ng | # 93   |
| 3) Pyridine                    | 4.23  | 79  | 69969  | 39.206 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 4.15  | 42  | 30229  | 37.236 | ng | # 83   |
| 6) Aniline                     | 7.65  | 93  | 108381 | 40.036 | ng | 94     |
| 8) 2-Chlorophenol              | 7.89  | 128 | 65982  | 38.312 | ng | 95     |
| 9) Benzaldehyde                | 7.47  | 77  | 55315  | 38.330 | ng | 96     |
| 10) Phenol                     | 7.51  | 94  | 96524  | 39.320 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.74  | 93  | 67266  | 38.166 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 8.22  | 146 | 73518  | 39.643 | ng | 91     |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146 | 72639  | 38.092 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.69  | 146 | 69389  | 36.831 | ng | 94     |
| 15) Benzyl Alcohol             | 8.57  | 79  | 71133  | 39.174 | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.85  | 45  | 118423 | 36.971 | ng | 99     |
| 17) 2-Methylphenol             | 8.76  | 107 | 61470  | 38.320 | ng | 94     |
| 18) Hexachloroethane           | 9.42  | 117 | 26530  | 37.958 | ng | # 79   |
| 19) n-Nitroso-di-n-propylamine | 9.12  | 70  | 67620  | 41.009 | ng | # 87   |
| 20) 3+4-Methylphenols          | 9.09  | 107 | 89280  | 39.791 | ng | 92     |
| 22) Acetophenone               | 9.15  | 105 | 128148 | 39.642 | ng | # 90   |
| 24) Nitrobenzene               | 9.54  | 77  | 99499  | 38.879 | ng | 93     |
| 25) Isophorone                 | 10.06 | 82  | 189785 | 40.584 | ng | 98     |
| 26) 2-Nitrophenol              | 10.26 | 139 | 42758  | 39.257 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 10.30 | 122 | 79806  | 40.085 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.53 | 93  | 100222 | 39.466 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.80 | 162 | 81688  | 41.238 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 11.00 | 180 | 87140  | 38.561 | ng | 96     |
| 31) Naphthalene                | 11.20 | 128 | 230918 | 39.991 | ng | 100    |
| 32) Benzoic acid               | 10.44 | 122 | 50559  | 37.310 | ng | 92     |
| 33) 4-Chloroaniline            | 11.31 | 127 | 102144 | 42.227 | ng | 93     |
| 34) Hexachlorobutadiene        | 11.47 | 225 | 62102  | 37.311 | ng | 88     |
| 35) Caprolactam                | 12.08 | 113 | 35070  | 49.370 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.41 | 107 | 113919 | 44.189 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.78 | 142 | 177237 | 41.112 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.15 | 216 | 137139 | 36.852 | ng | # 95   |
| 40) Hexachlorocyclopentadiene  | 13.12 | 237 | 32203  | 27.761 | ng | 95     |

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Instrument :  
 BNA\_G  
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 SSTDCCC040EC

Quant Time: Sep 14 12:01:59 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.38 | 196  | 90469    | 38.303 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.46 | 196  | 93683    | 39.473 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.78 | 154  | 284096   | 37.912 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.82 | 162  | 207594   | 37.981 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.03 | 65   | 85034    | 41.861 | nq #  | 88       |
| 48) Acenaphthylene             | 14.67 | 152  | 348839   | 39.949 | nq    | 97       |
| 49) Dimethylphthalate          | 14.38 | 163  | 320334   | 42.207 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.52 | 165  | 71742    | 42.482 | nq #  | 76       |
| 51) Acenaphthene               | 15.00 | 154  | 210124   | 39.612 | nq    | 90       |
| 52) 3-Nitroaniline             | 14.85 | 138  | 67423    | 45.147 | nq #  | 87       |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 18773    | 26.988 | nq    | 92       |
| 54) Dibenzofuran               | 15.34 | 168  | 346536   | 40.966 | nq    | 96       |
| 55) 4-Nitrophenol              | 15.16 | 139  | 40985    | 37.459 | nq #  | 84       |
| 56) 2,4-Dinitrotoluene         | 15.30 | 165  | 106498   | 44.850 | nq #  | 87       |
| 57) Fluorene                   | 15.99 | 166  | 324286   | 42.940 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 89073    | 42.584 | nq    | 96       |
| 59) Diethylphthalate           | 15.73 | 149  | 339373   | 43.513 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.97 | 204  | 181588   | 42.227 | nq    | 90       |
| 61) 4-Nitroaniline             | 16.01 | 138  | 70957    | 44.849 | nq    | 89       |
| 62) Azobenzene                 | 16.26 | 77   | 286505   | 43.678 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 54523    | 32.799 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.19 | 169  | 284705   | 38.551 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.87 | 248  | 129671   | 39.118 | nq    | 97       |
| 67) Hexachlorobenzene          | 17.00 | 284  | 145560   | 38.581 | nq #  | 89       |
| 68) Atrazine                   | 17.13 | 200  | 127850   | 40.319 | nq    | 99       |
| 69) Pentachlorophenol          | 17.35 | 266  | 61594    | 36.133 | nq    | 96       |
| 70) Phenanthrene               | 17.74 | 178  | 528214   | 40.094 | nq    | 94       |
| 71) Anthracene                 | 17.82 | 178  | 530813   | 39.886 | nq    | 95       |
| 72) Carbazole                  | 18.10 | 167  | 483155   | 40.311 | nq #  | 94       |
| 73) Di-n-butylphthalate        | 18.62 | 149  | 588836   | 40.066 | nq #  | 94       |
| 74) Fluoranthene               | 19.73 | 202  | 646476   | 40.189 | nq    | 93       |
| 76) Benzidine                  | 19.91 | 184  | 285276   | 36.840 | nq    | 99       |
| 77) Pyrene                     | 20.10 | 202  | 675495   | 39.219 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.96 | 149  | 269086   | 38.684 | nq    | 89       |
| 80) Benzo(a)anthracene         | 22.00 | 228  | 707287   | 39.350 | nq    | 93       |
| 81) 3,3'-Dichlorobenzidine     | 21.91 | 252  | 277074   | 38.021 | nq #  | 98       |
| 82) Chrysene                   | 22.07 | 228  | 676420   | 39.663 | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 21.85 | 149  | 384540   | 38.885 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 23.15 | 149  | 679240   | 39.312 | nq #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.55 | 276  | 853488   | 38.950 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 24.40 | 252  | 722738   | 38.930 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.48 | 252  | 730705   | 39.403 | nq    | 95       |
| 89) Benzo(a)pyrene             | 25.36 | 252  | 694787   | 39.427 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.60 | 278  | 716210   | 38.984 | nq    | 94       |
| 91) Benzo(g,h,i)perylene       | 30.82 | 276  | 699977   | 39.048 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

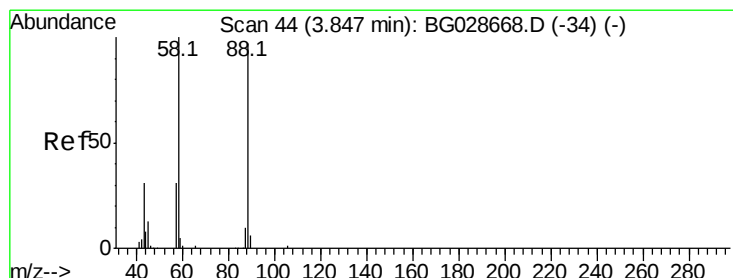
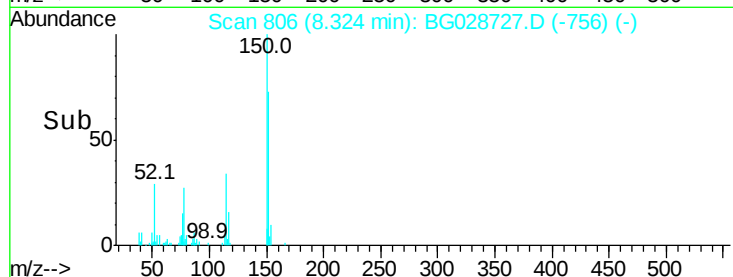
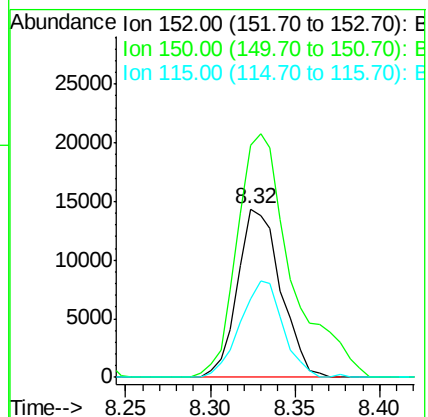
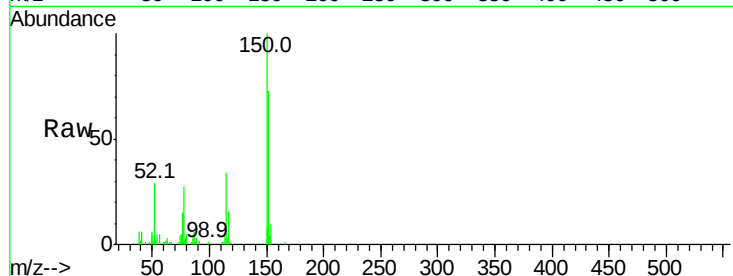
Tot Ion:152 Resp: 25492

Ion Ratio Lower Upper

152 100

150 137.6 114.0 171.0

115 46.5 48.1 72.1#



#2

1,4-Dioxane

Concen: 37.199 ng

RT: 3.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

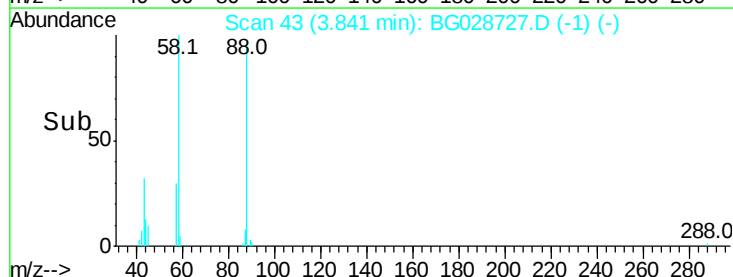
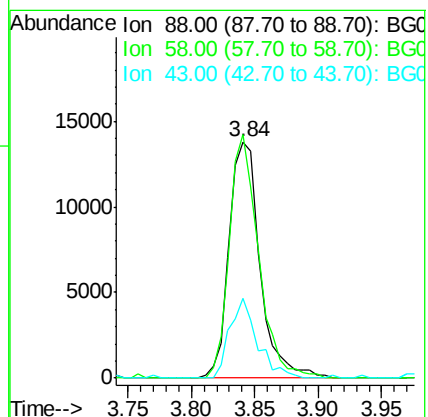
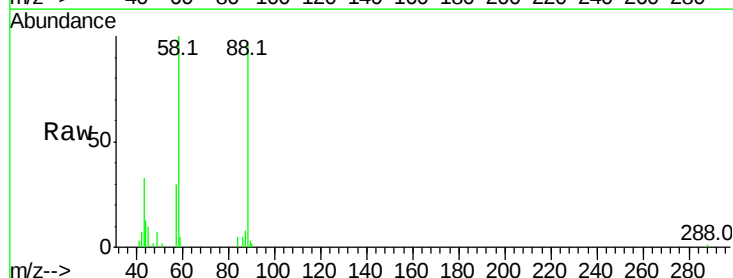
Tgt Ion: 88 Resp: 23273

Ion Ratio Lower Upper

88 100

58 97.4 79.4 119.2

43 30.0 33.8 50.6#





#3

Pvridine

Concen: 39.206 ng

RT: 4.23 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

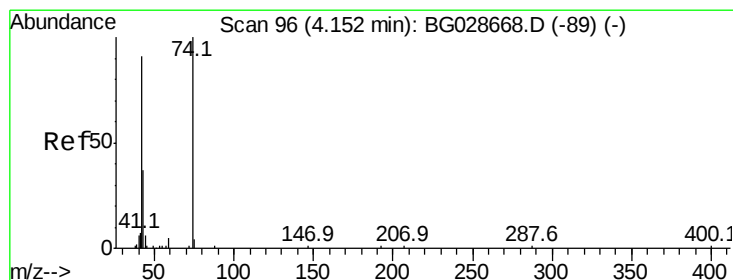
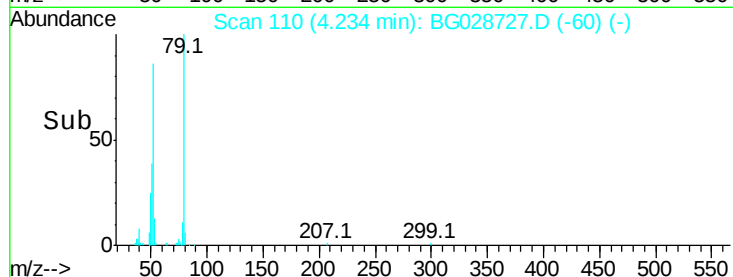
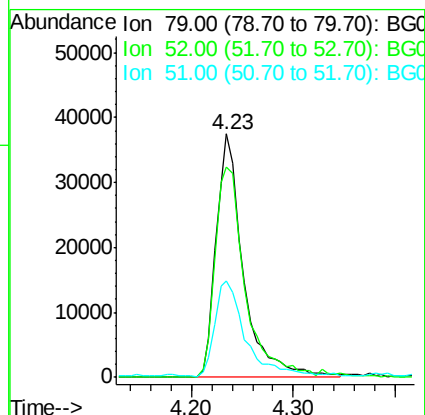
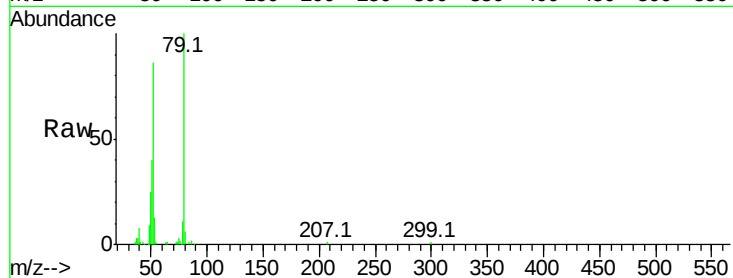
Tot Ion: 79 Resp: 69969

Ion Ratio Lower Upper

79 100

52 86.4 77.8 116.6

51 39.6 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 37.236 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

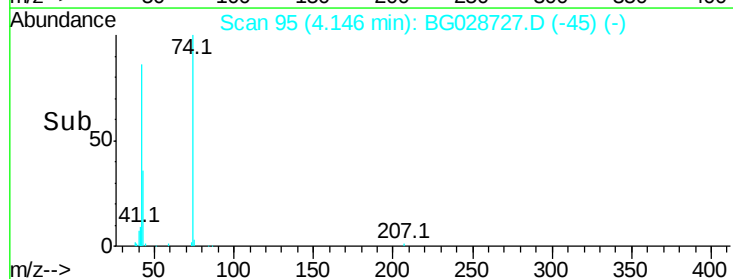
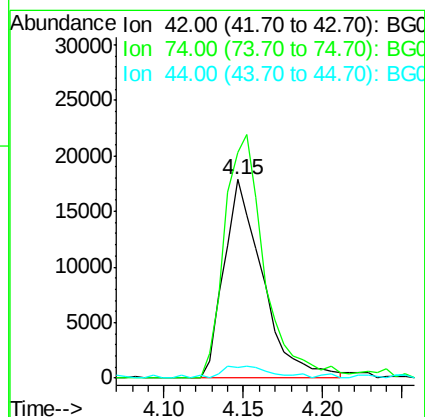
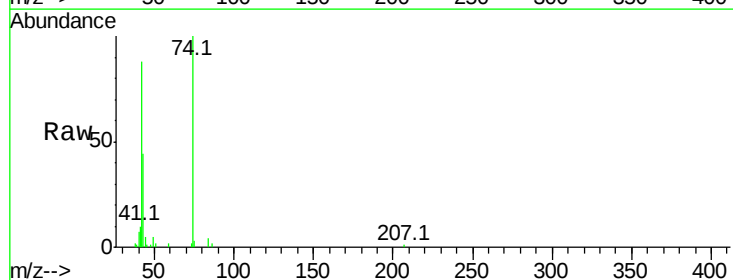
Tgt Ion: 42 Resp: 30229

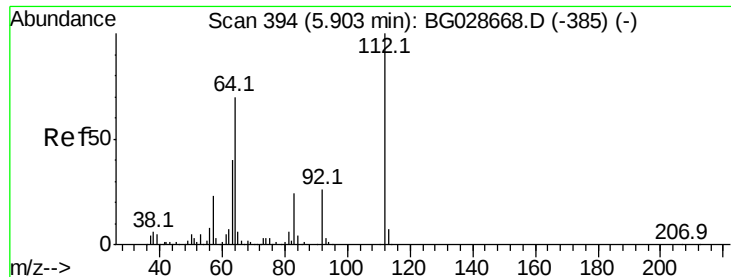
Ion Ratio Lower Upper

42 100

74 113.8 76.7 115.1

44 5.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 76.506 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

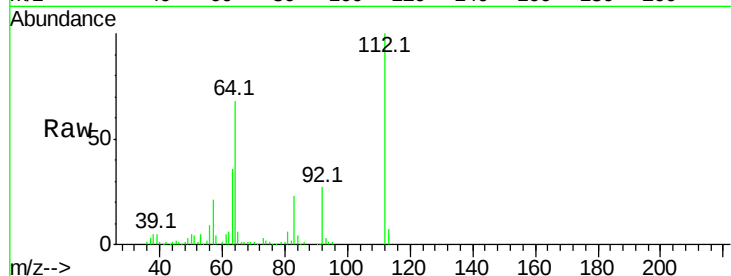
Tot Ion:112 Resp: 118196

Ion Ratio Lower Upper

112 100

64 68.5 61.8 92.6

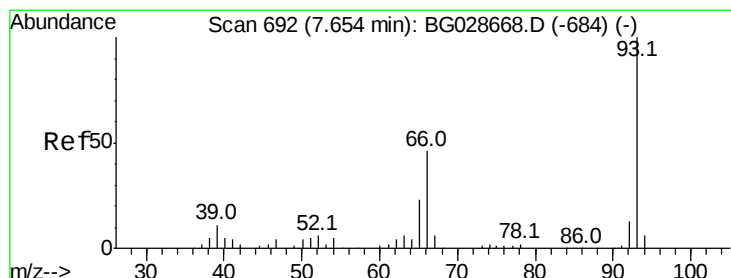
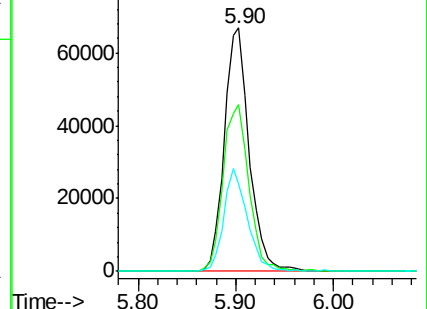
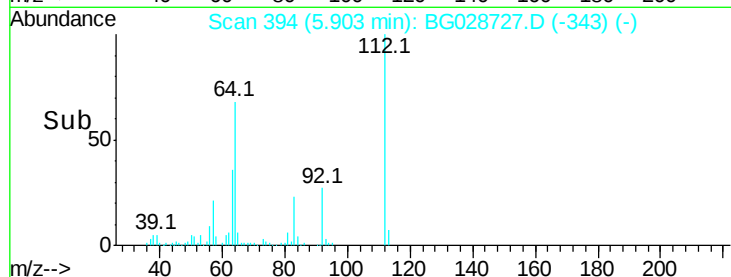
63 36.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.036 ng

RT: 7.65 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

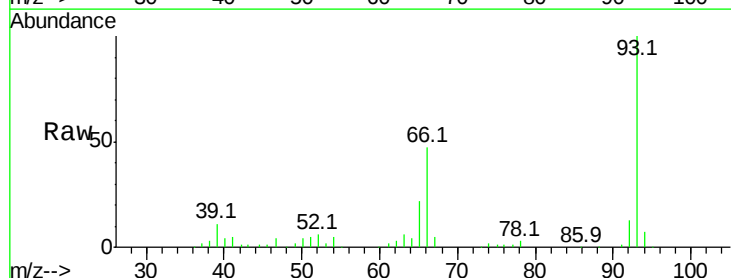
Tgt Ion: 93 Resp: 108381

Ion Ratio Lower Upper

93 100

66 46.5 35.4 53.2

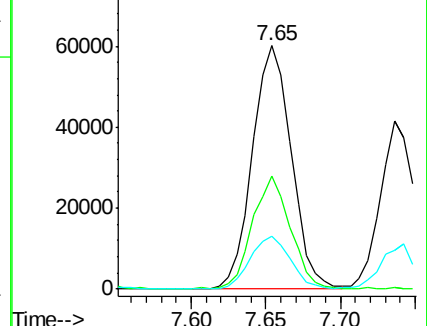
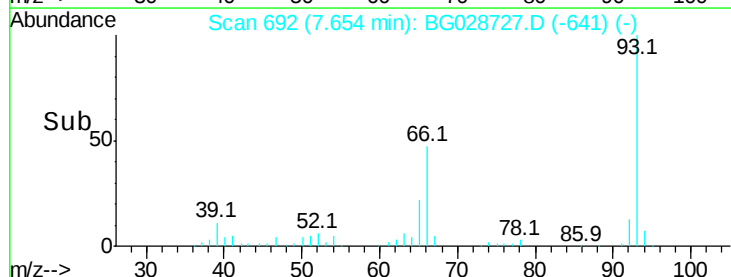
65 21.8 21.2 31.8

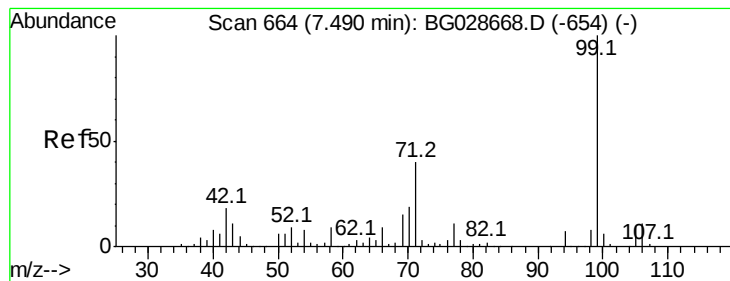


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.819 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

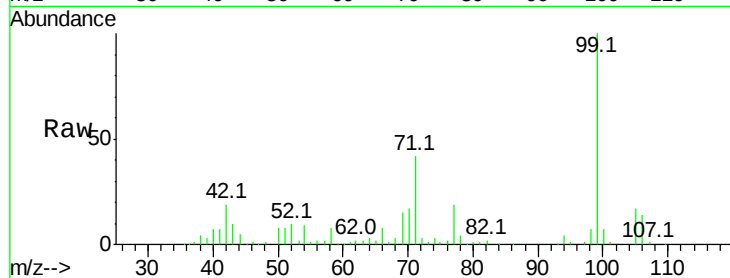
BNA\_G

ClientSampleId :

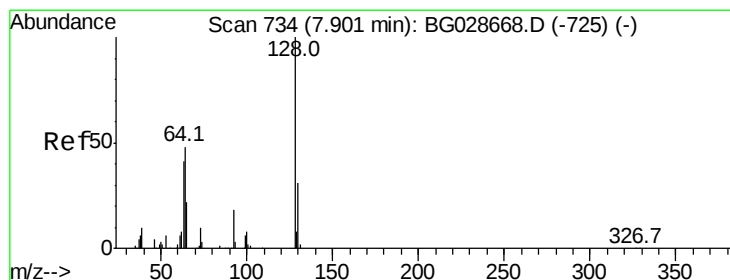
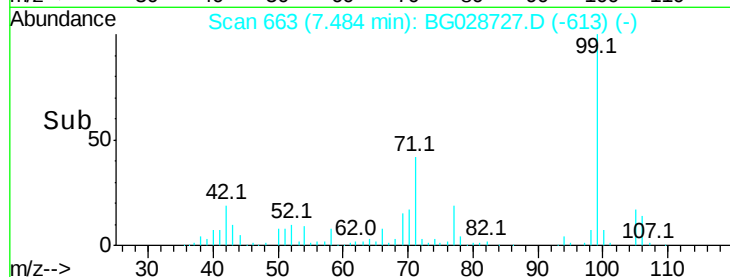
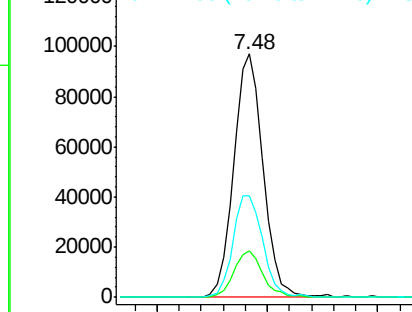
SSTDCCC040EC

Tot Ion: 99 Resp: 181013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 20.5  | 30.7# |
| 71  | 41.6  | 37.6  | 56.4  |



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: 38.312 ng

RT: 7.89 min Scan# 733

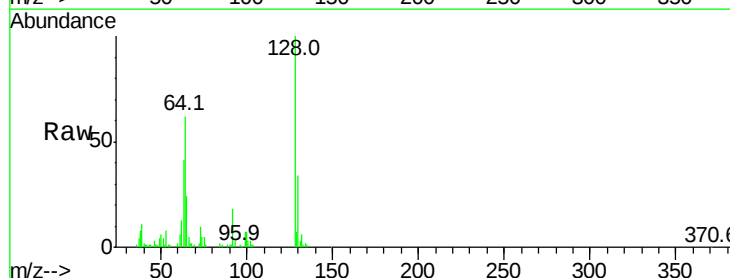
Delta R.T. -0.01 min

Lab File: BG028727.D

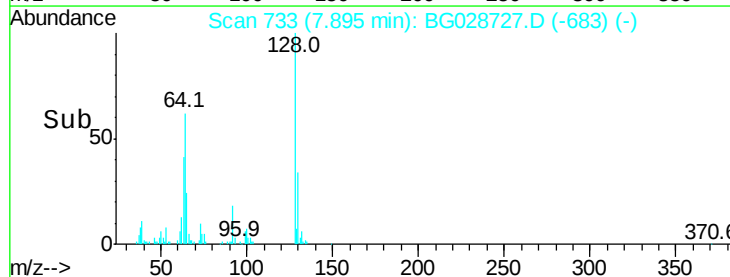
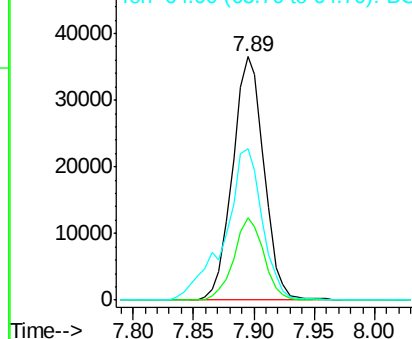
Acq: 14 Sep 2017 11:21

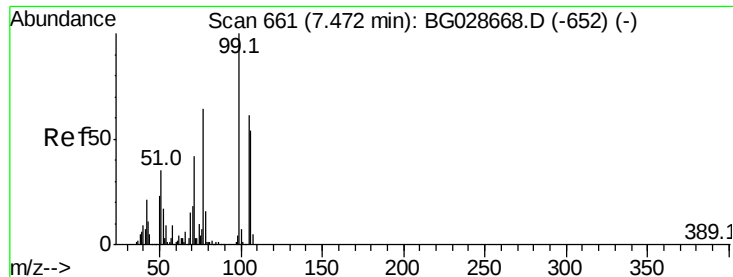
Tgt Ion: 128 Resp: 65982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.7  | 11.4  | 51.4  |
| 64  | 61.9  | 46.6  | 86.6  |



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: 38.330 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

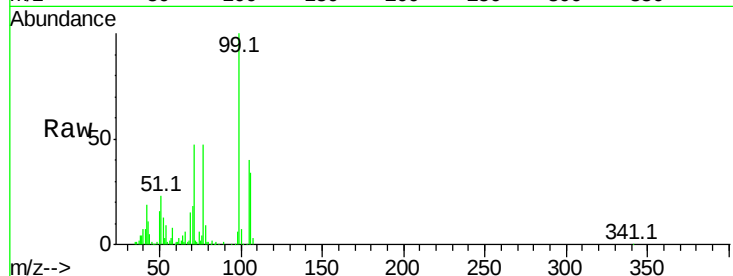
Tot Ion: 77 Resp: 55315

Ion Ratio Lower Upper

77 100

105 84.6 60.9 100.9

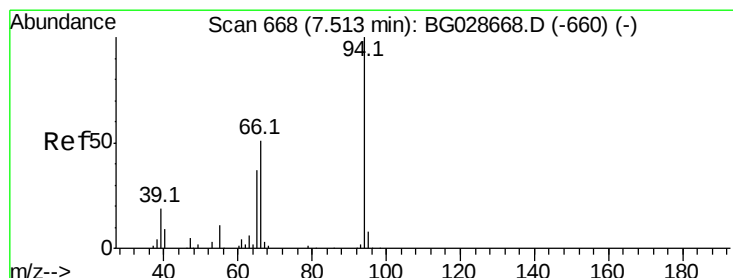
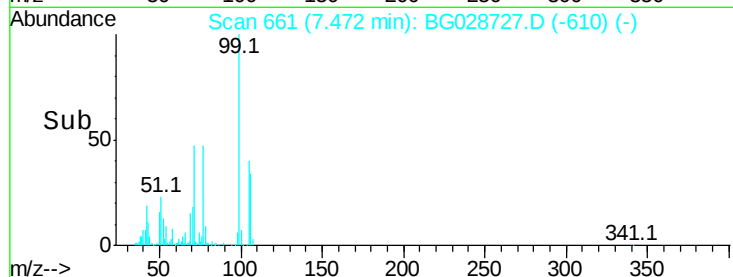
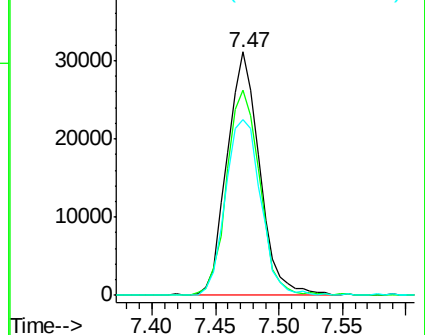
106 72.2 55.1 95.1



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: 39.320 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

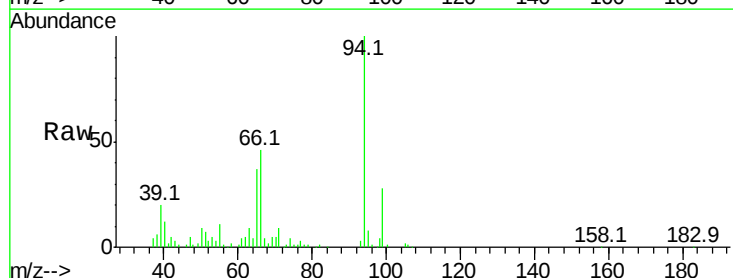
Tgt Ion: 94 Resp: 96524

Ion Ratio Lower Upper

94 100

65 37.2 20.6 60.6

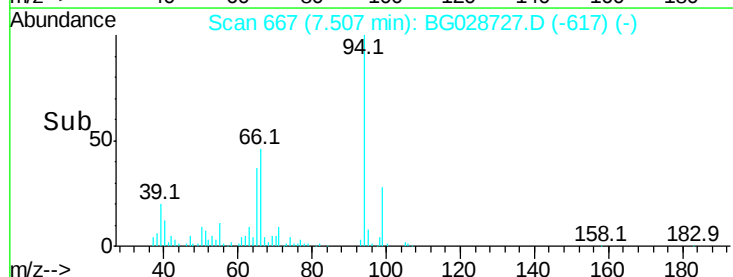
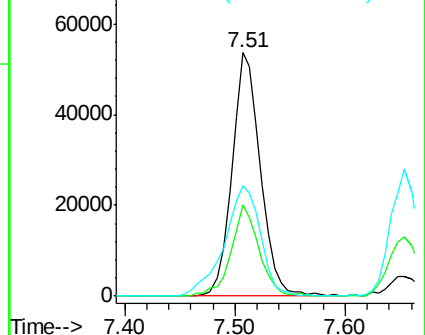
66 45.6 35.5 75.5

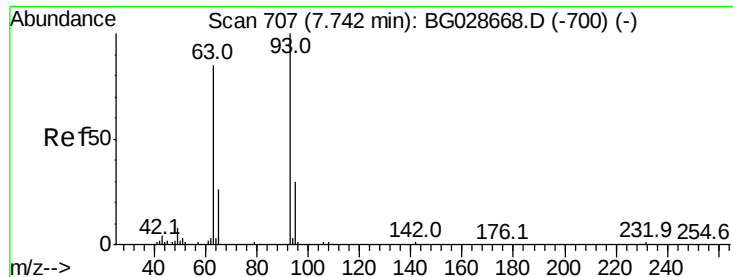


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.166 ng

RT: 7.74 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

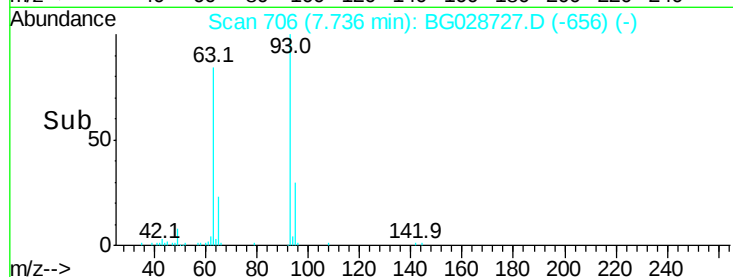
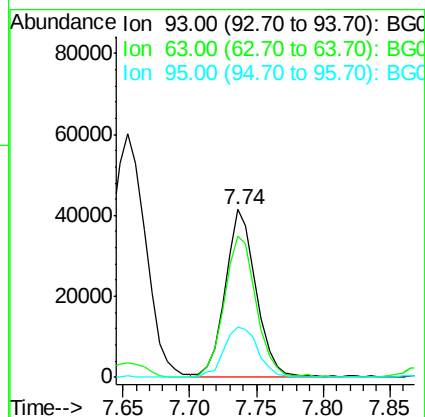
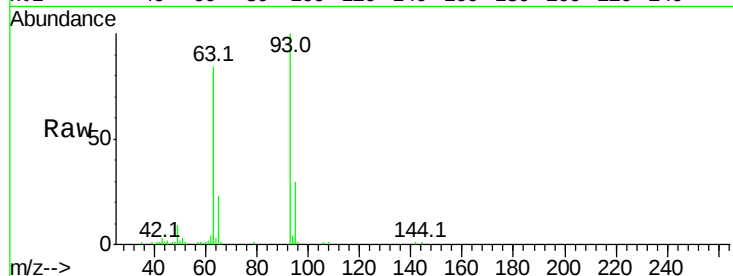
Tot Ion: 93 Resp: 67266

Ion Ratio Lower Upper

93 100

63 84.2 78.5 118.5

95 30.0 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 39.643 ng

RT: 8.22 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

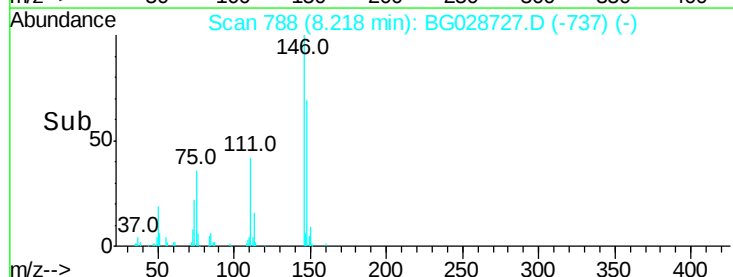
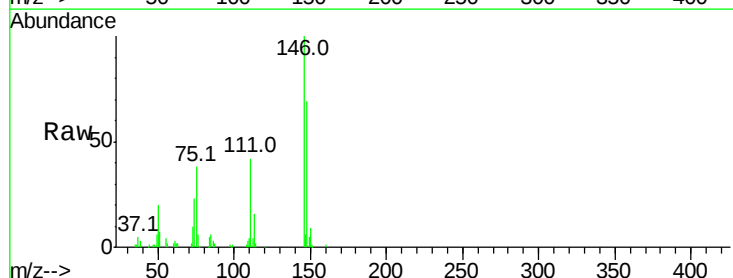
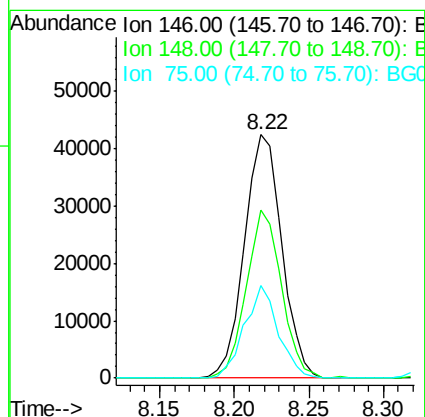
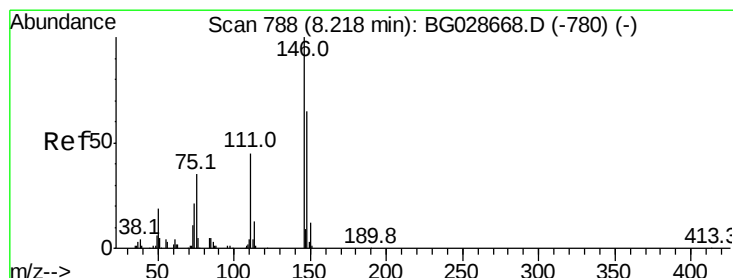
Tgt Ion: 146 Resp: 73518

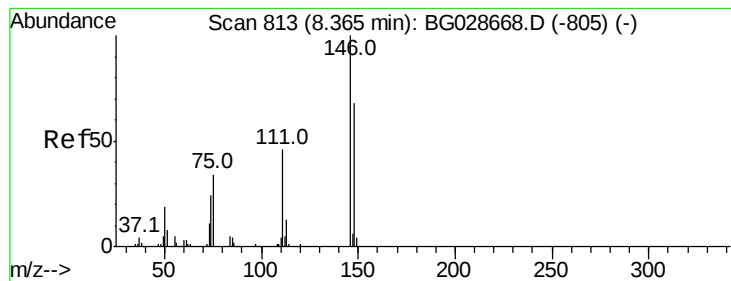
Ion Ratio Lower Upper

146 100

148 69.3 49.2 73.8

75 37.9 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.092 ng

RT: 8.36 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

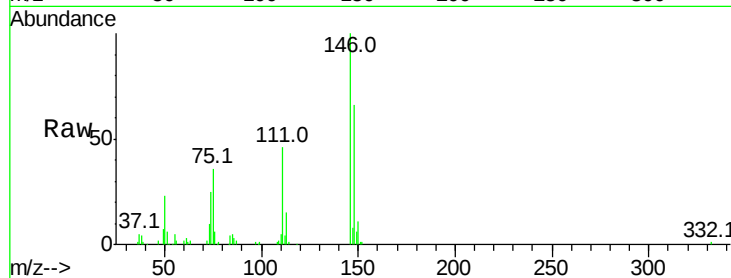
Tot Ion:146 Resp: 72639

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

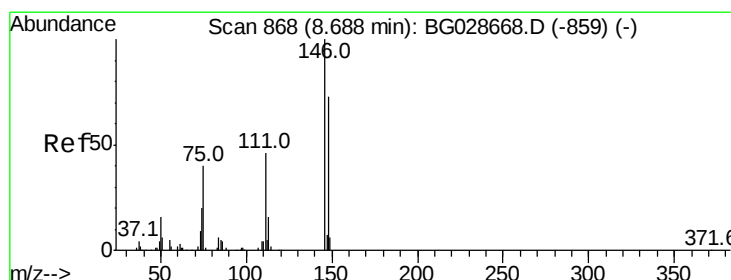
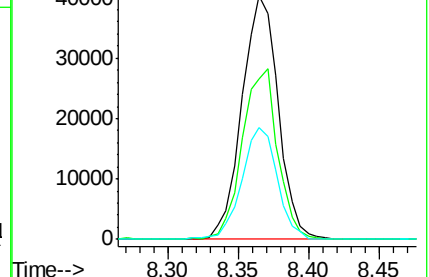
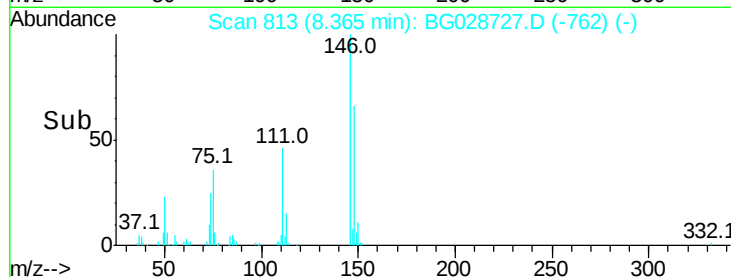
111 45.9 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.831 ng

RT: 8.69 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

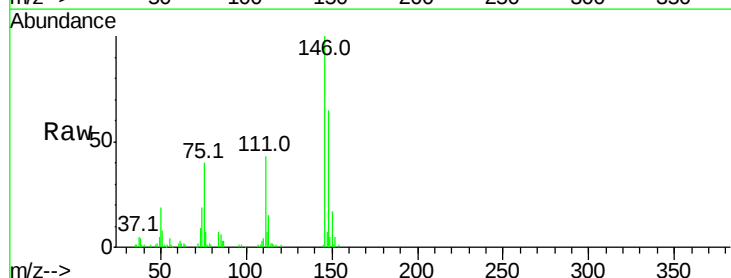
Tgt Ion:146 Resp: 69389

Ion Ratio Lower Upper

146 100

148 65.5 54.6 81.8

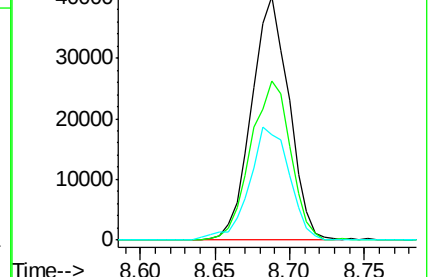
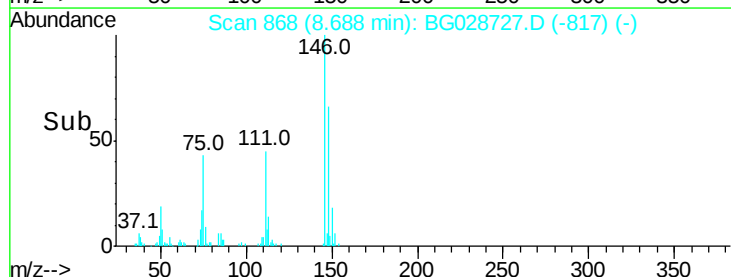
111 43.4 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.174 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

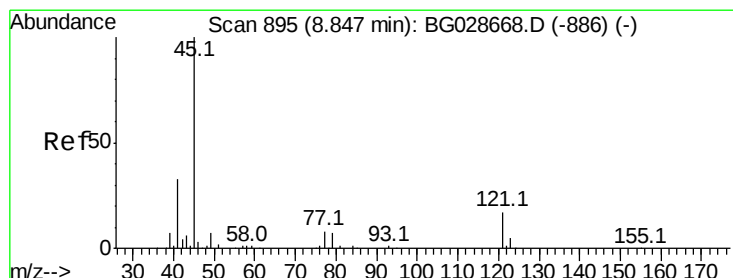
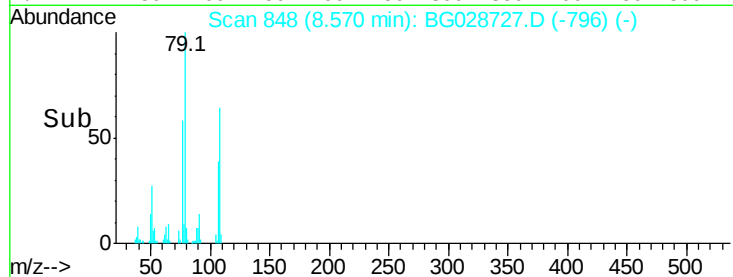
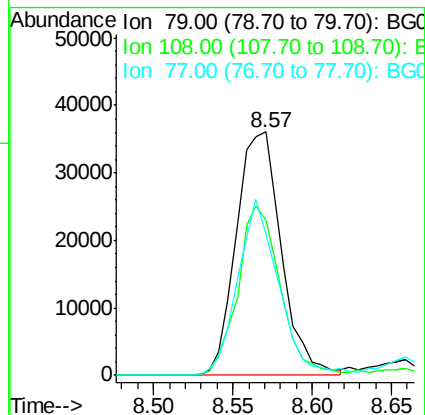
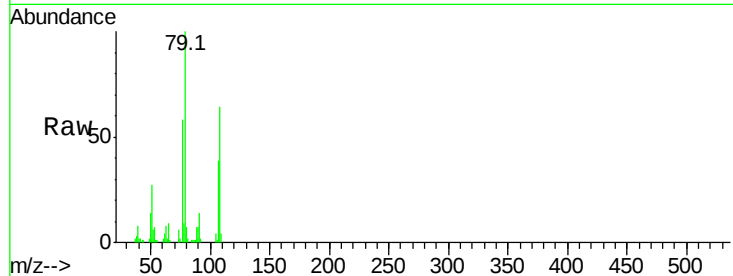
Tot Ion: 79 Resp: 71133

Ion Ratio Lower Upper

79 100

108 63.7 45.5 68.3

77 58.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.971 ng

RT: 8.85 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

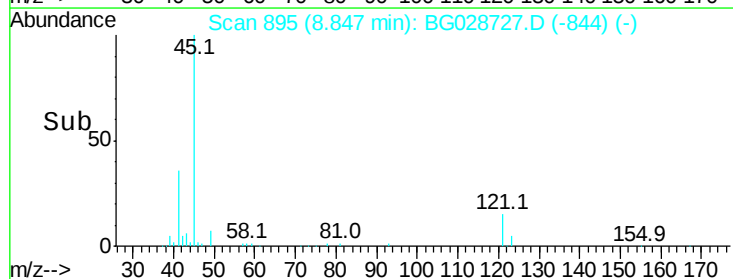
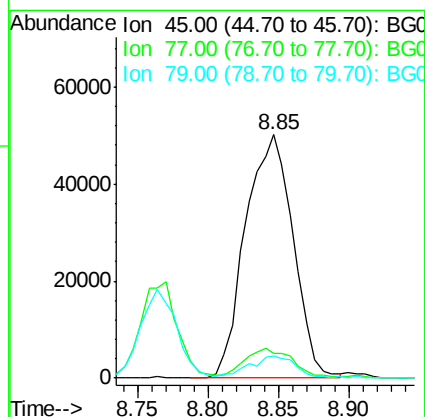
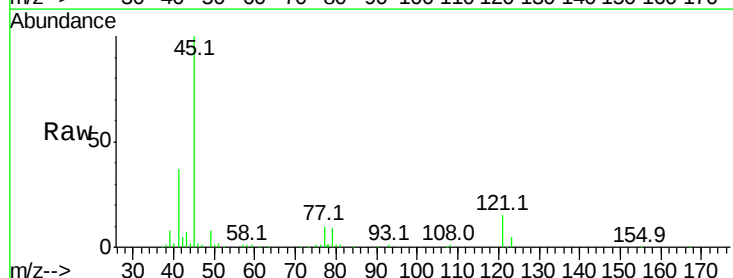
Tgt Ion: 45 Resp: 118423

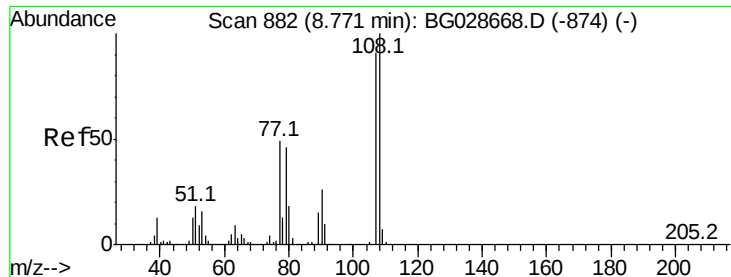
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.6

79 9.0 0.0 28.5





#17

2-Methylphenol

Concen: 38.320 ng

RT: 8.76 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 61470

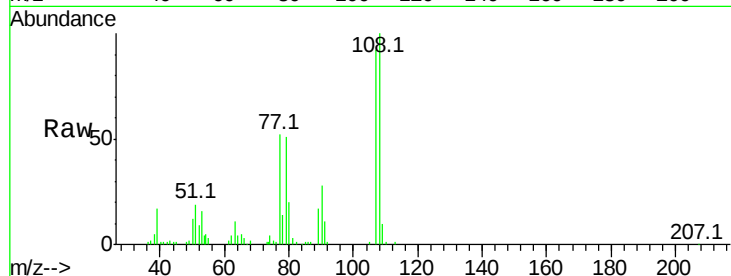
Ion Ratio Lower Upper

107 100

108 108.7 85.6 128.4

77 56.0 51.4 77.2

79 55.3 49.2 73.8

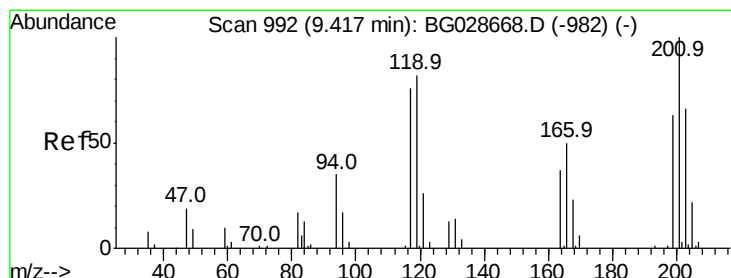
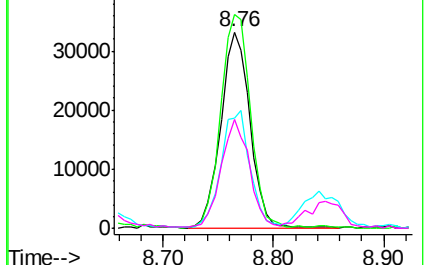
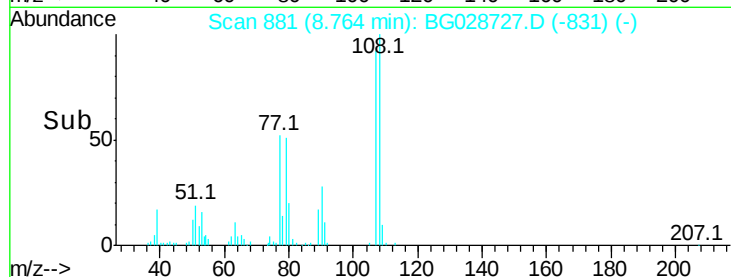


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.958 ng

RT: 9.42 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

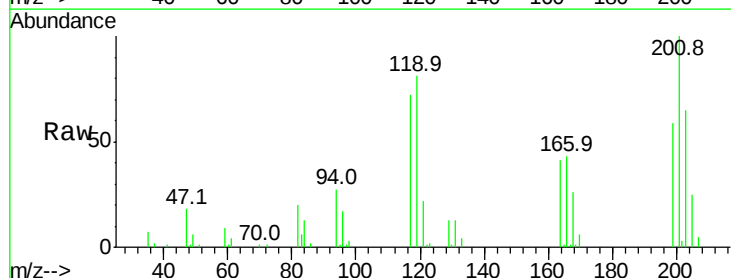
Tgt Ion:117 Resp: 26530

Ion Ratio Lower Upper

117 100

119 112.3 69.8 104.6#

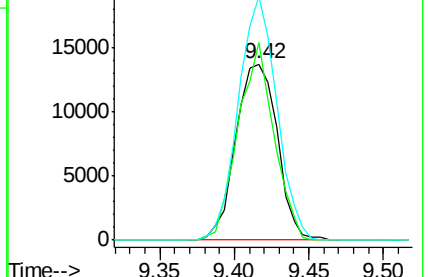
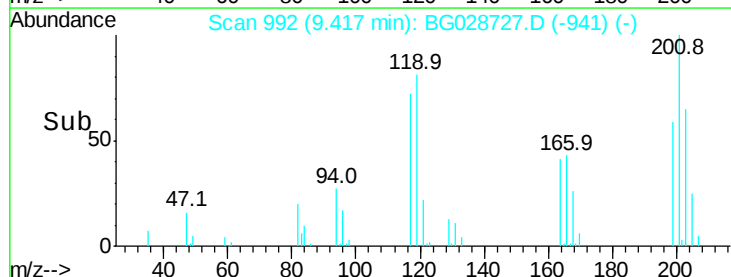
201 138.2 95.4 143.0

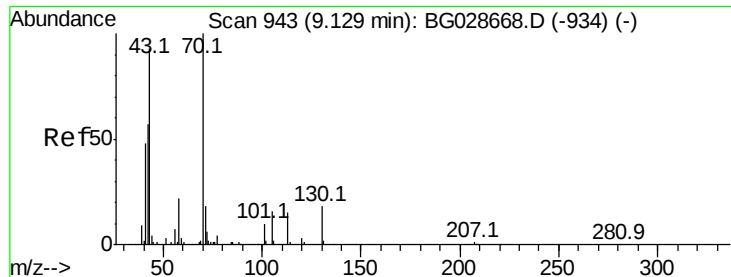


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

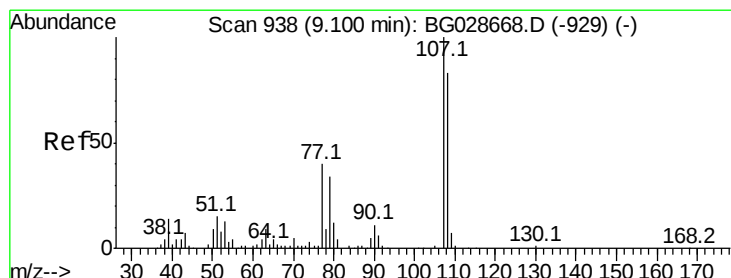
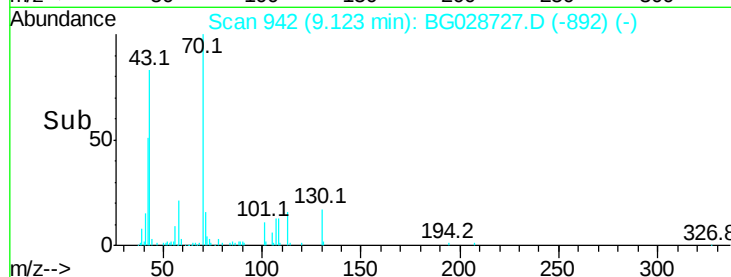
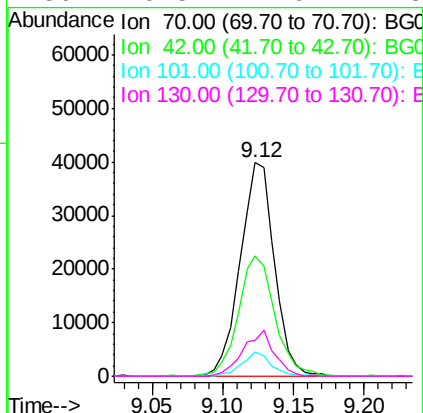
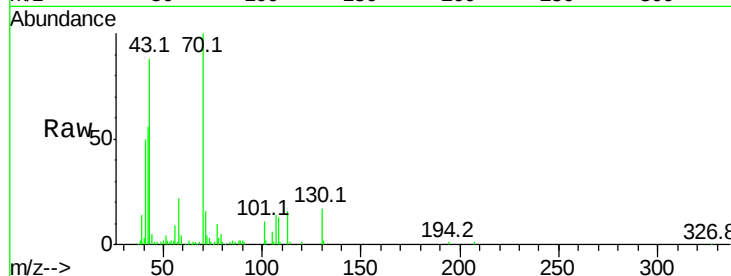




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.009 ng  
RT: 9.12 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

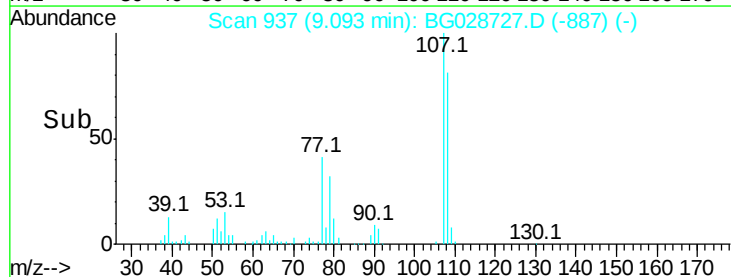
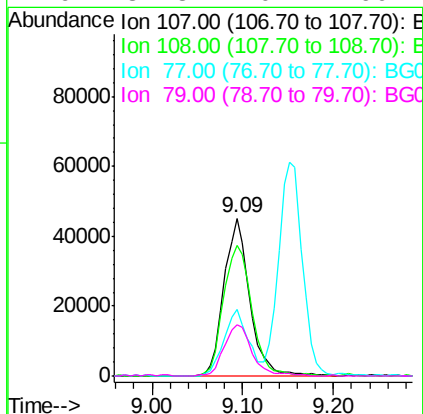
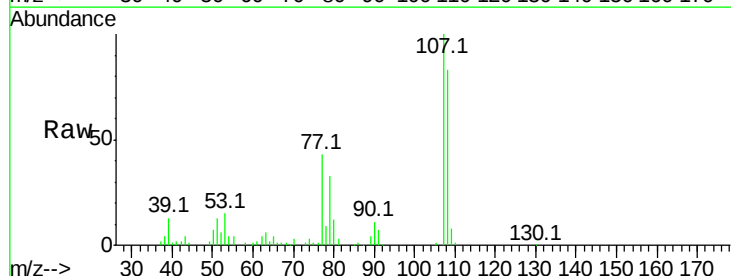
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

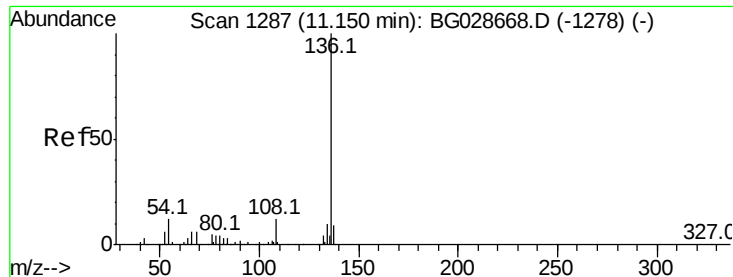
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 67620 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.4  | 56.1  | 84.1  |
| 101      | 11.4  | 7.5   | 11.3# |
| 130      | 16.5  | 14.6  | 21.8  |



#20  
3+4-Methylphenols  
Concen: 39.791 ng  
RT: 9.09 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 89280 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.0  | 70.8  | 110.8 |
| 77       | 42.6  | 25.8  | 65.8  |
| 79       | 32.8  | 20.1  | 60.1  |

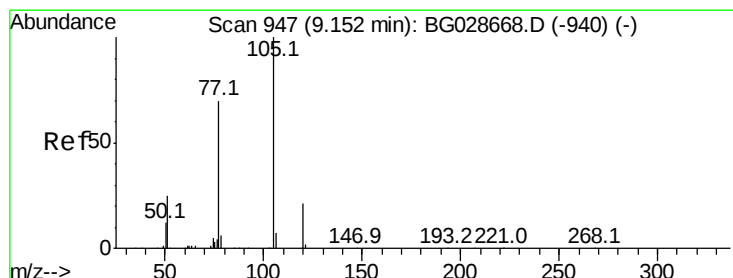
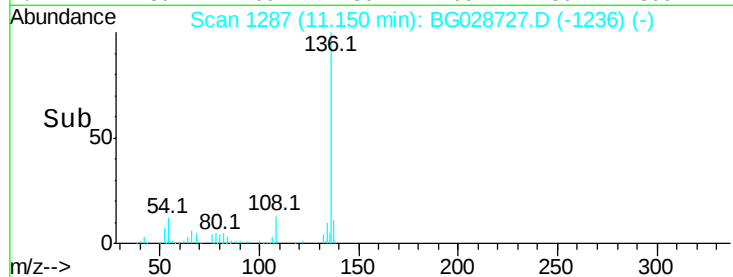
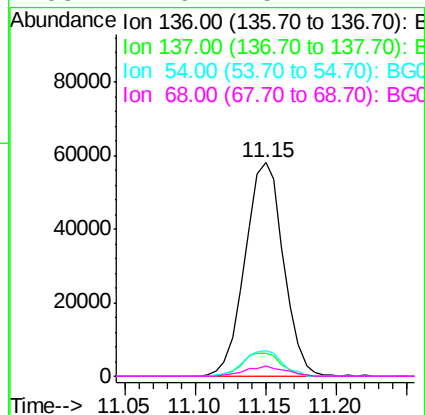
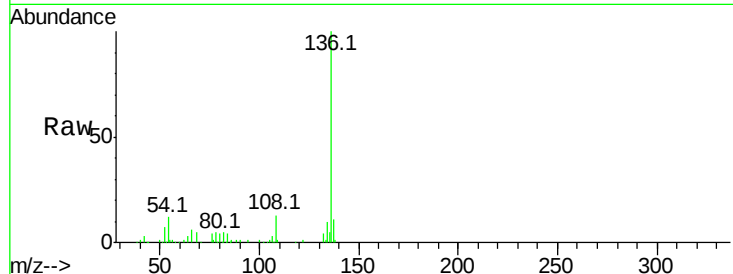




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.15 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

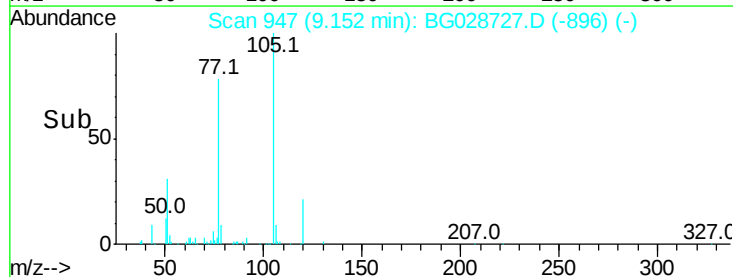
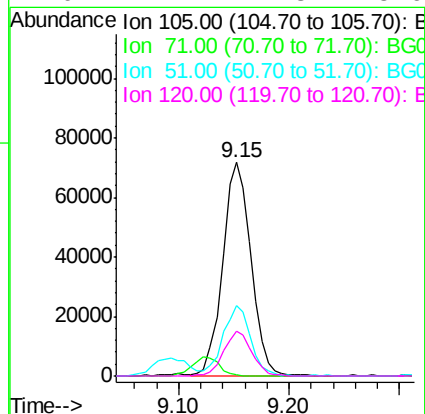
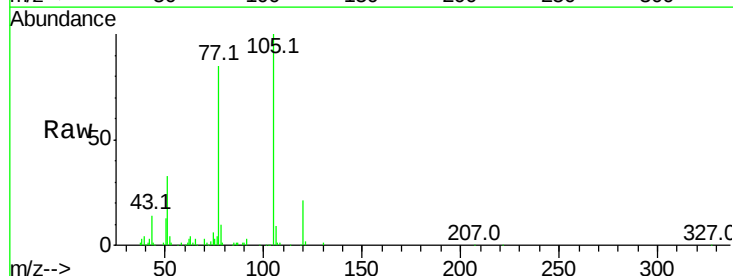
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

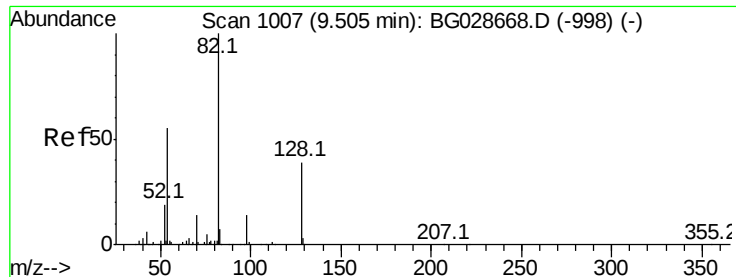
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 110558   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 11.8  | 9.3 13.9 |
| 68          | 4.6   | 5.1 7.7# |



#22  
Acetophenone  
Concen: 39.642 ng  
RT: 9.15 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 128148     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.6   | 0.9 1.3#   |
| 51          | 32.9  | 34.0 51.0# |
| 120         | 21.1  | 17.3 25.9  |





#23

Nitrobenzene-d5

Concen: 79.677 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

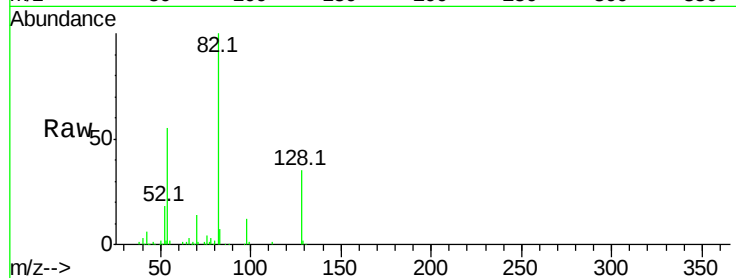
Tot Ion: 82 Resp: 184143

Ion Ratio Lower Upper

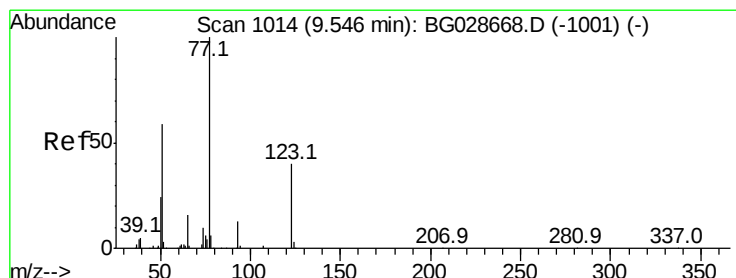
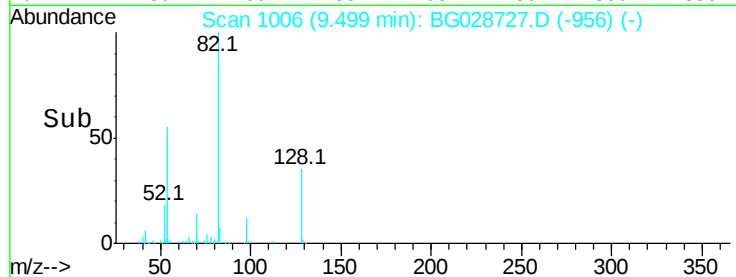
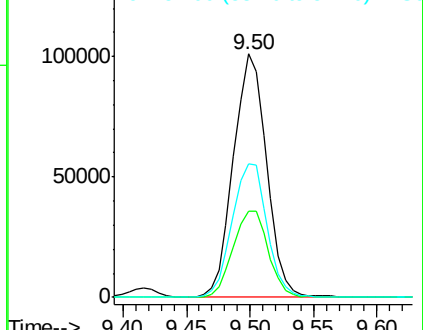
82 100

128 35.4 26.4 39.6

54 54.9 49.4 74.2



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



#24

Nitrobenzene

Concen: 38.879 ng

RT: 9.54 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

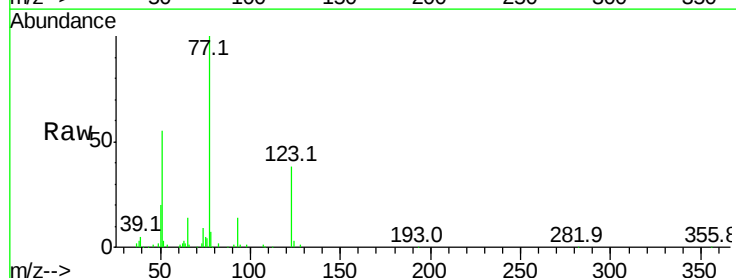
Tgt Ion: 77 Resp: 99499

Ion Ratio Lower Upper

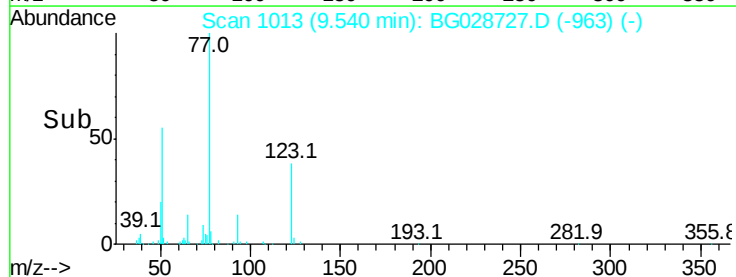
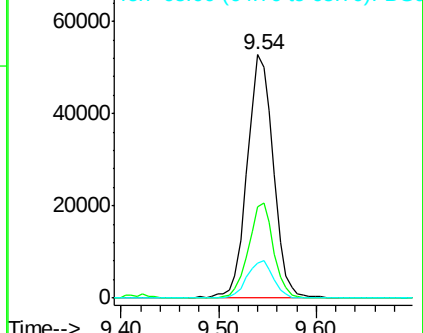
77 100

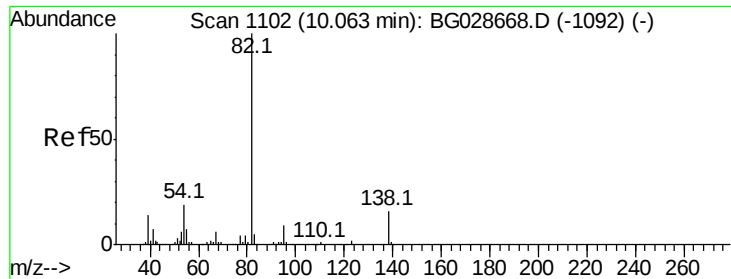
123 37.5 26.1 39.1

65 14.4 12.4 18.6



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





#25

Isophorone

Concen: 40.584 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

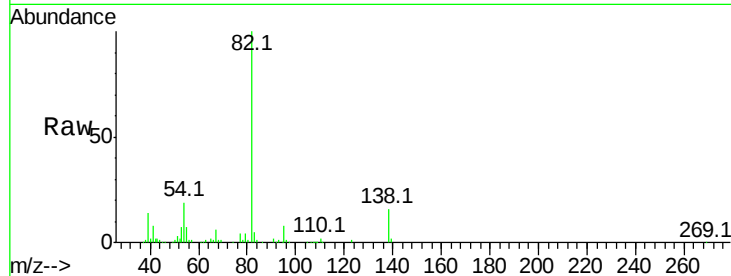
Tot Ion: 82 Resp: 189785

Ion Ratio Lower Upper

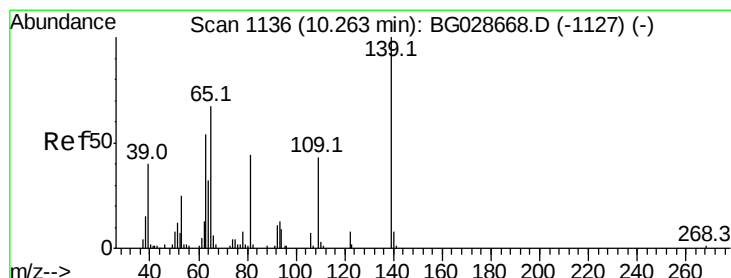
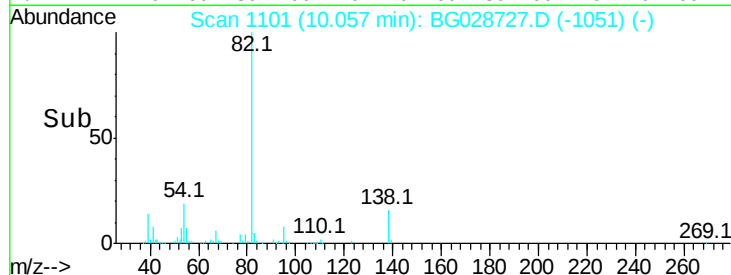
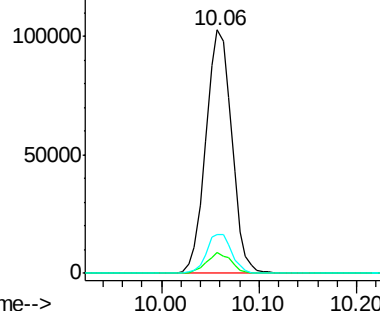
82 100

95 8.4 7.5 11.3

138 15.9 12.3 18.5



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



#26

2-Nitrophenol

Concen: 39.257 ng

RT: 10.26 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

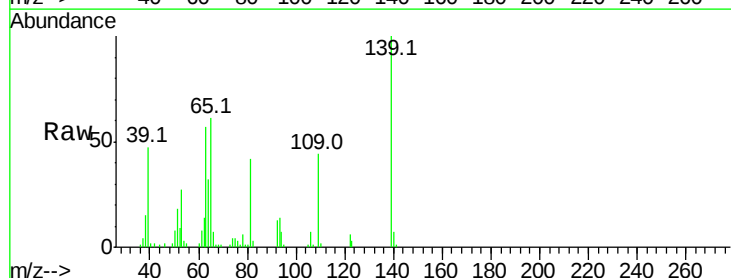
Tgt Ion: 139 Resp: 42758

Ion Ratio Lower Upper

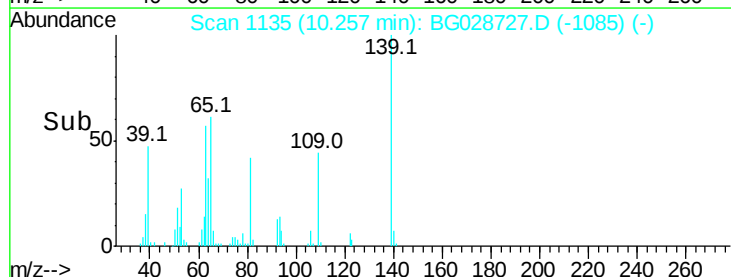
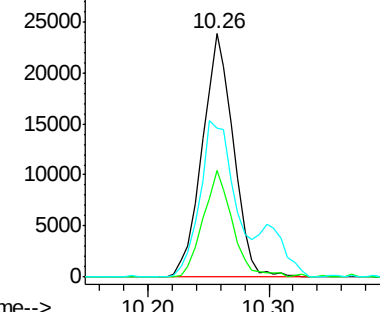
139 100

109 44.0 38.6 58.0

65 61.4 57.1 85.7



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

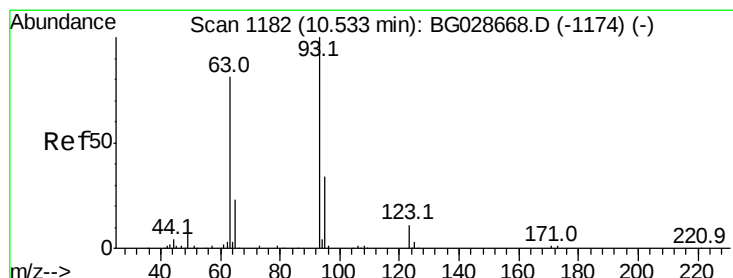
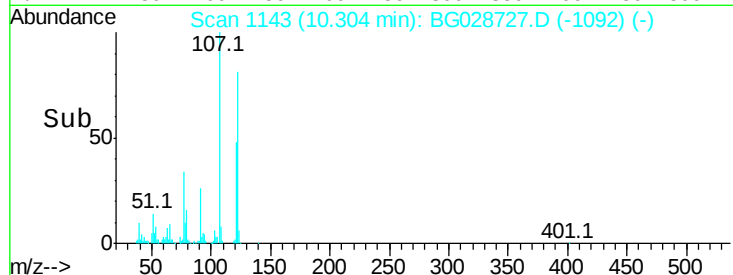
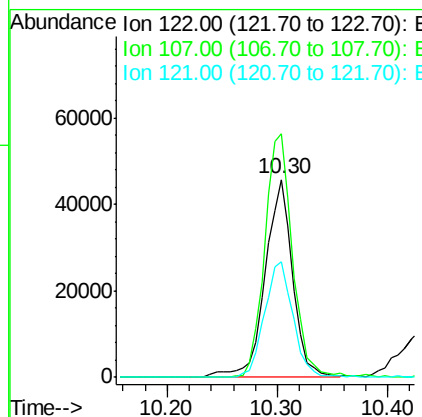
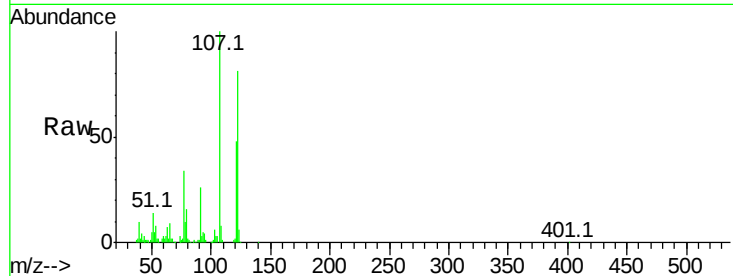




#27  
 2,4-Dimethylphenol  
 Concen: 40.085 ng  
 RT: 10.30 min Scan# 1143  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

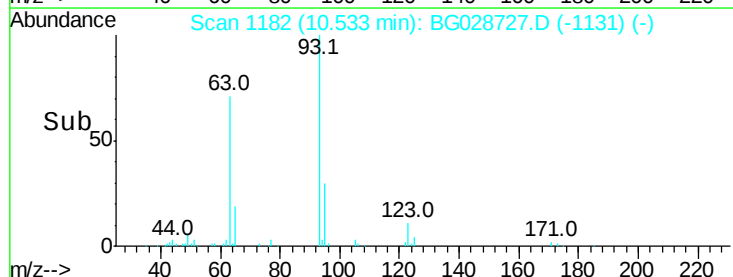
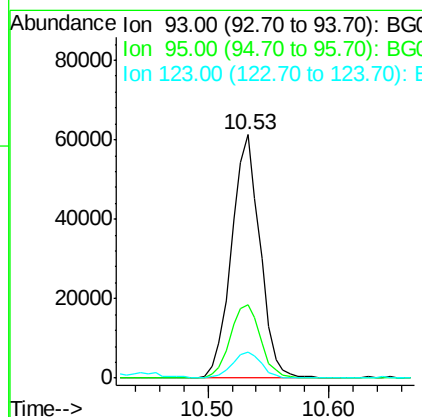
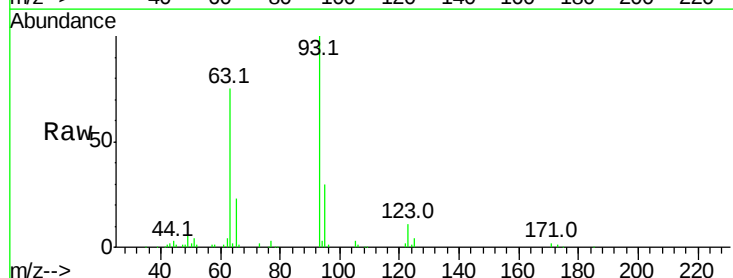
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

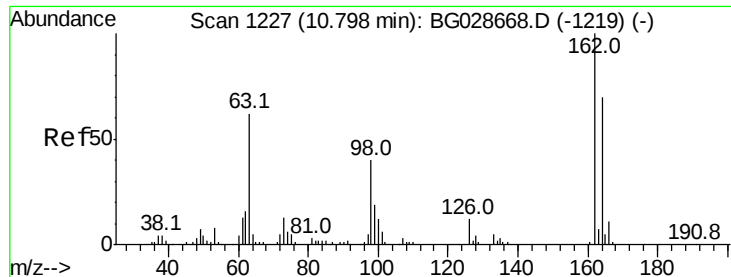
Tot Ion:122 Resp: 79806  
 Ion Ratio Lower Upper  
 122 100  
 107 123.0 104.2 156.4  
 121 58.6 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.466 ng  
 RT: 10.53 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

Tgt Ion: 93 Resp: 100222  
 Ion Ratio Lower Upper  
 93 100  
 95 29.9 25.7 38.5  
 123 10.7 8.3 12.5

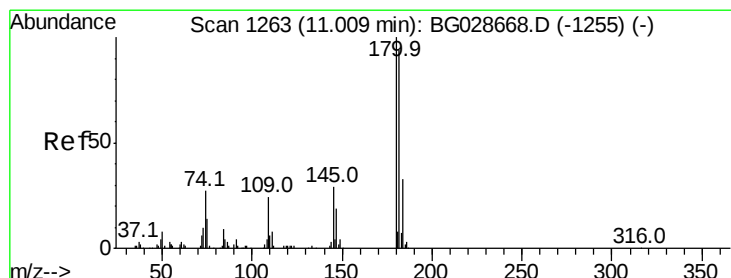
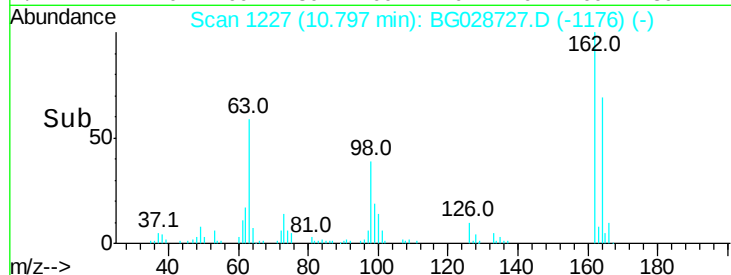
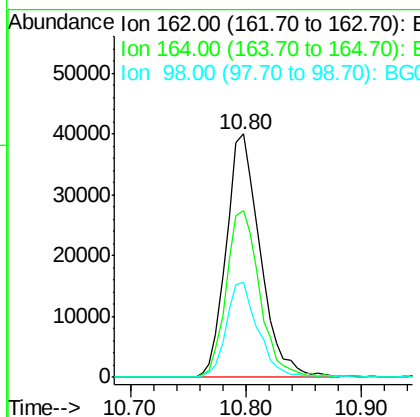
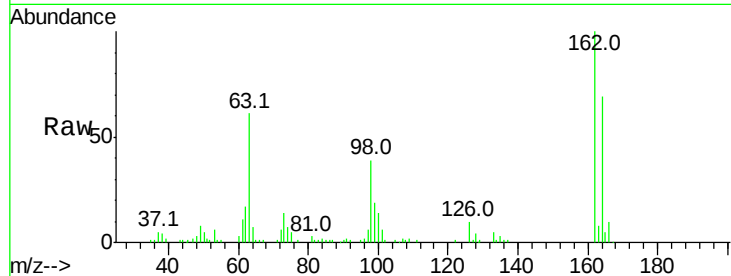




#29  
 2,4-Dichlorophenol  
 Concen: 41.238 ng  
 RT: 10.80 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

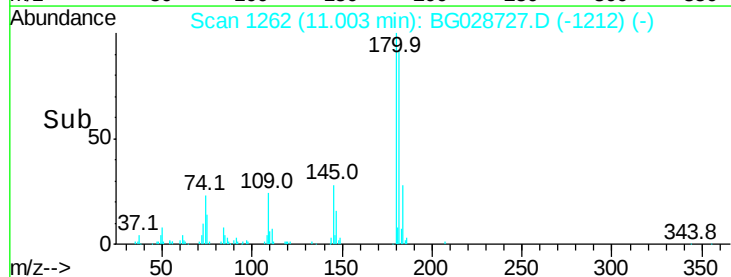
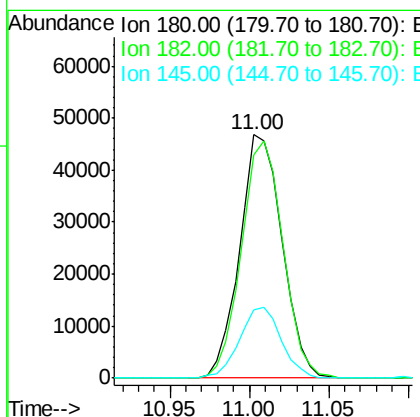
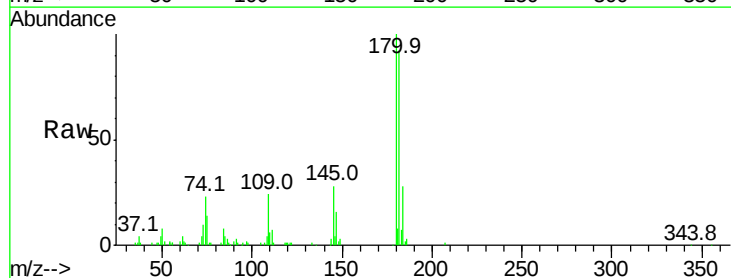
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

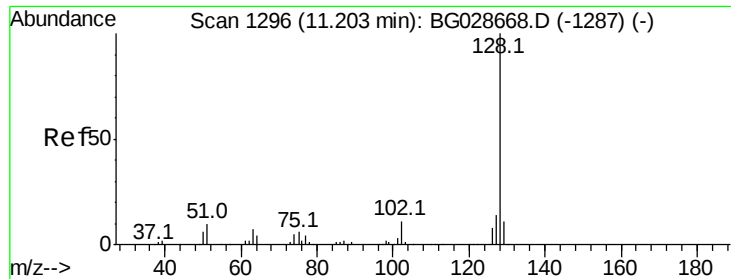
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.7  | 42.4  | 82.4  |
| 98      | 39.1  | 20.3  | 60.3  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.561 ng  
 RT: 11.00 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.8  | 77.0  | 115.4 |
| 145     | 28.2  | 23.4  | 35.0  |

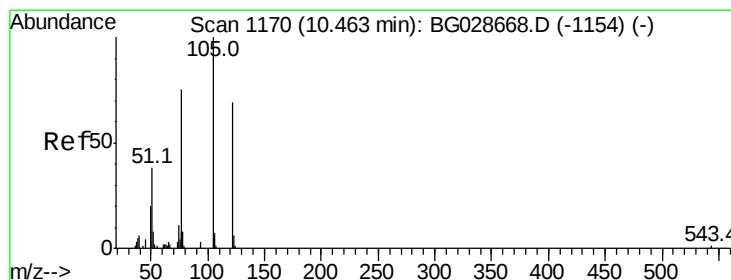
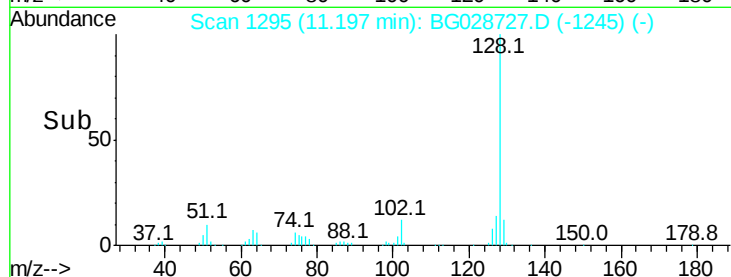
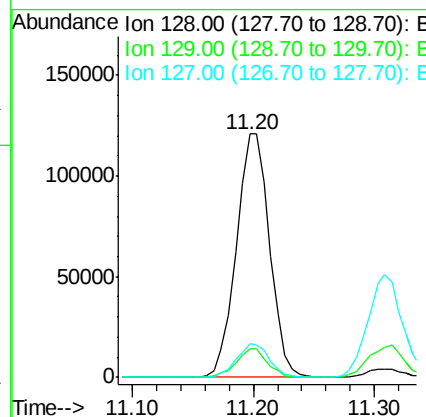
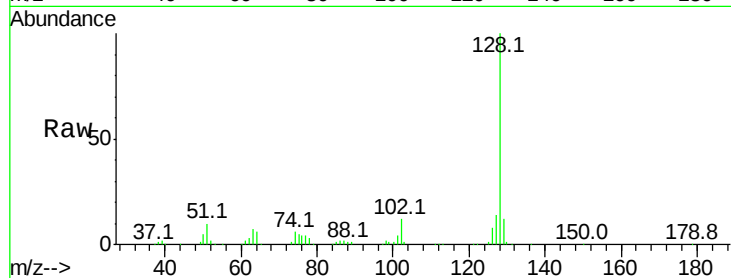




#31  
Naphthalene  
Concen: 39.991 ng  
RT: 11.20 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

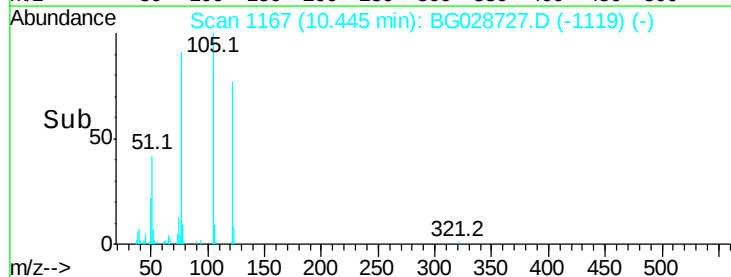
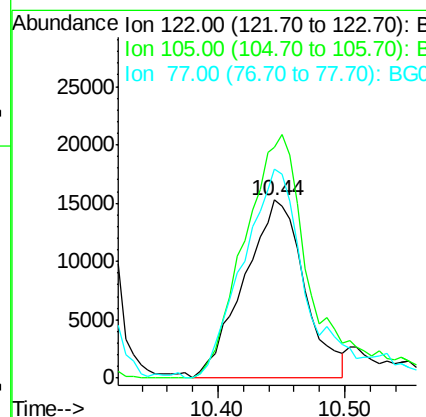
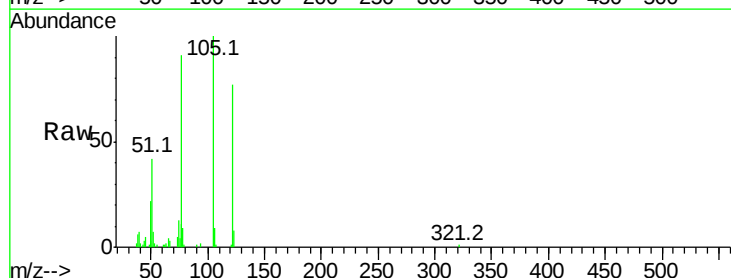
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

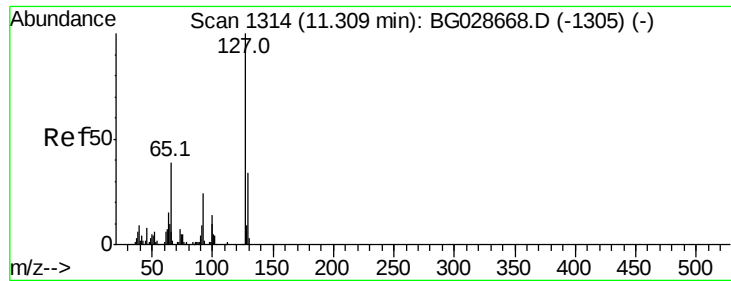
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.3   | 13.9  |
| 127     | 14.0  | 11.4  | 17.0  |



#32  
Benzoic acid  
Concen: 37.310 ng  
RT: 10.44 min Scan# 1167  
Delta R.T. -0.02 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.5 | 120.1 | 160.1 |
| 77      | 117.5 | 104.6 | 144.6 |

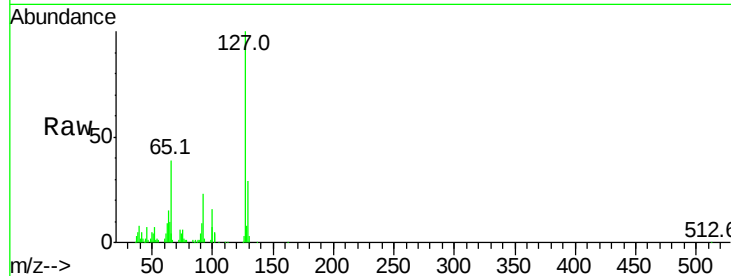




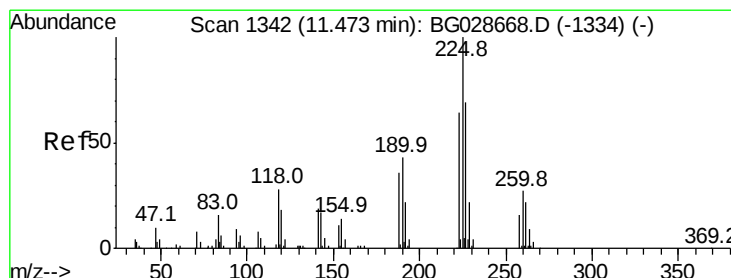
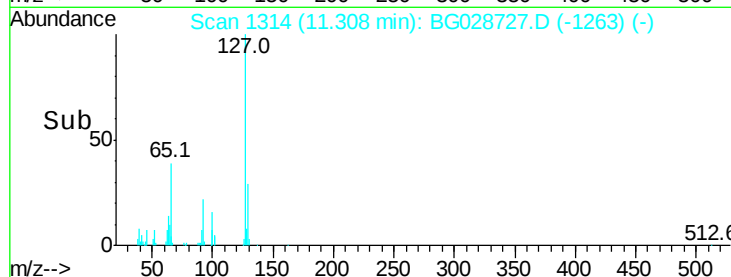
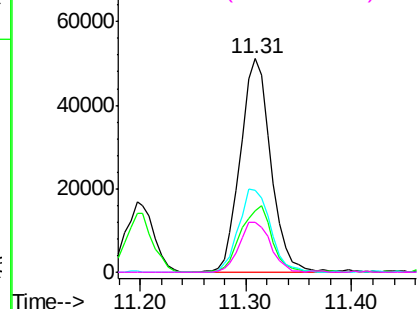
#33  
4-Chloroaniline  
Concen: 42.227 ng  
RT: 11.31 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 102144    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 28.6  | 23.6 35.4 |
| 65          | 38.5  | 37.7 56.5 |
| 92          | 23.4  | 17.6 26.4 |

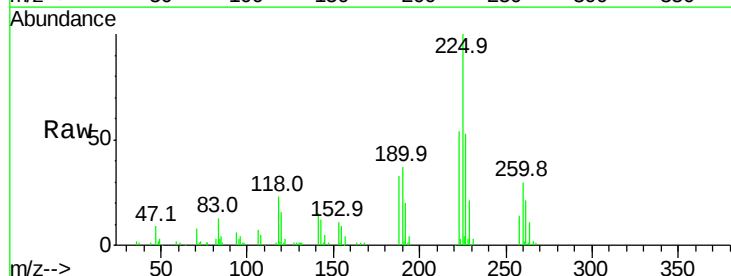


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

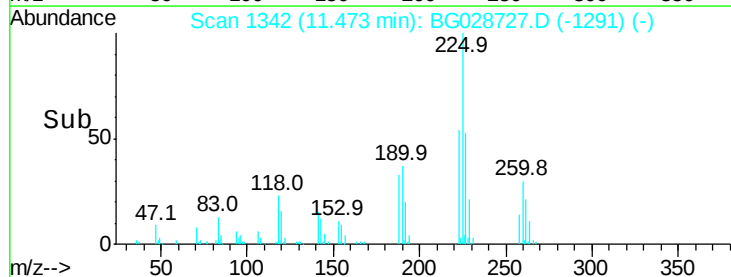
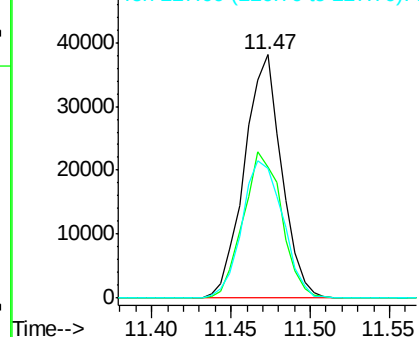


#34  
Hexachlorobutadiene  
Concen: 37.311 ng  
RT: 11.47 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 62102     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 53.8  | 50.7 76.1 |
| 227         | 53.0  | 49.0 73.6 |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

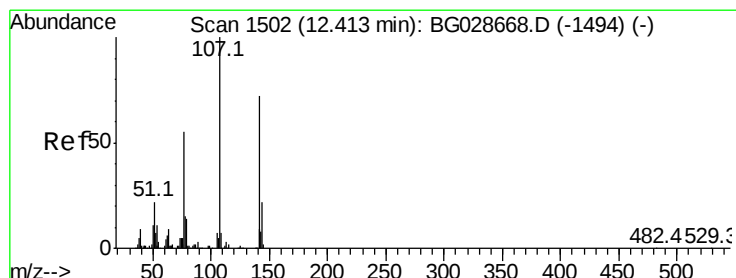
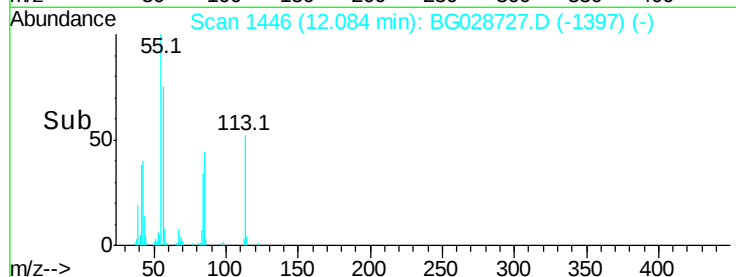
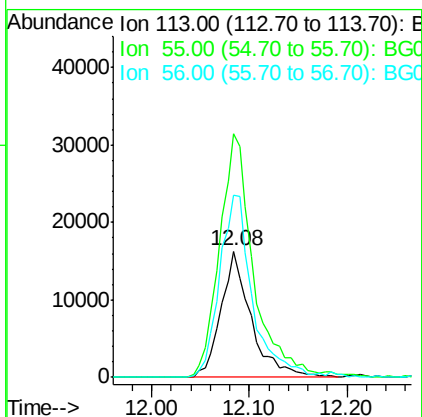
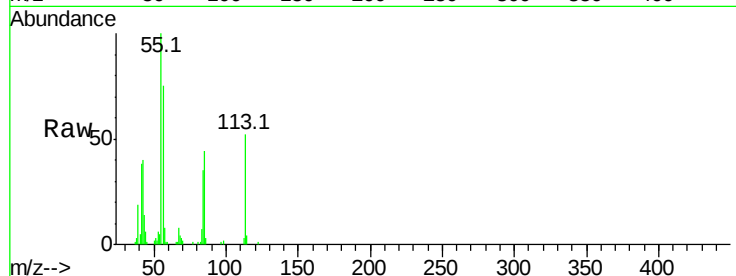




#35  
 Caprolactam  
 Concen: 49.370 ng  
 RT: 12.08 min Scan# 1446  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

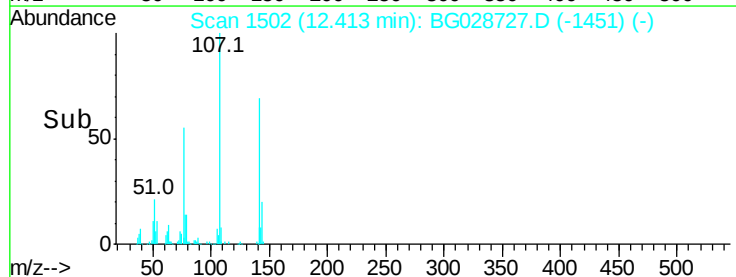
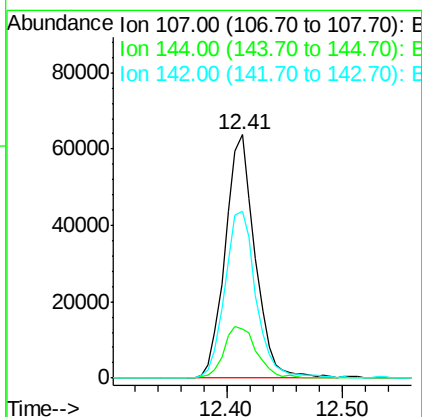
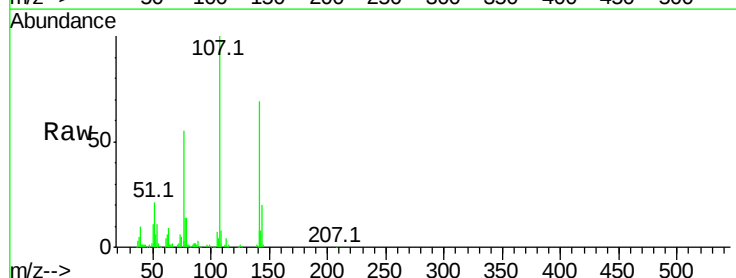
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:113 Resp: 35070  
 Ion Ratio Lower Upper  
 113 100  
 55 193.4 198.6 238.6#  
 56 144.5 140.4 180.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.189 ng  
 RT: 12.41 min Scan# 1502  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

Tgt Ion:107 Resp: 113919  
 Ion Ratio Lower Upper  
 107 100  
 144 20.0 17.4 26.0  
 142 68.7 54.1 81.1

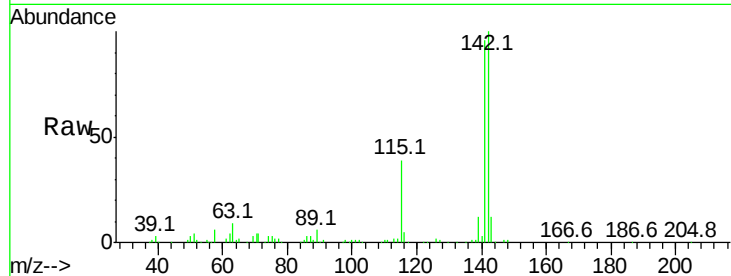




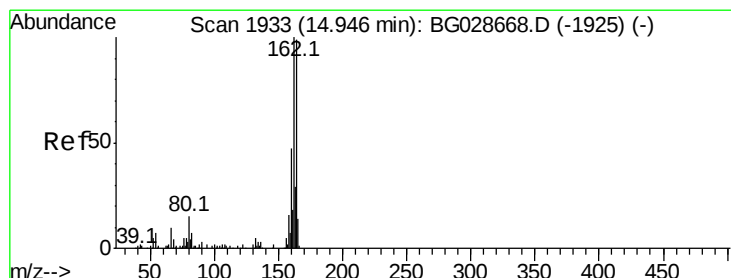
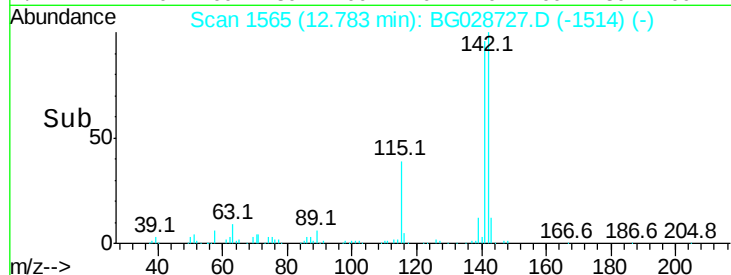
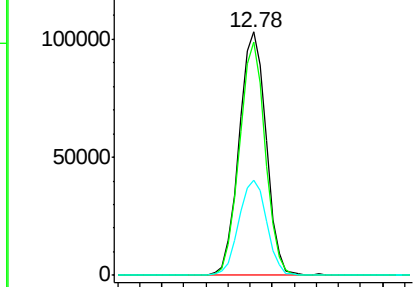
#37  
2-Methylnaphthalene  
Concen: 41.112 ng  
RT: 12.78 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:142 Resp: 177237  
Ion Ratio Lower Upper  
142 100  
141 95.8 70.4 105.6  
115 39.2 35.5 53.3

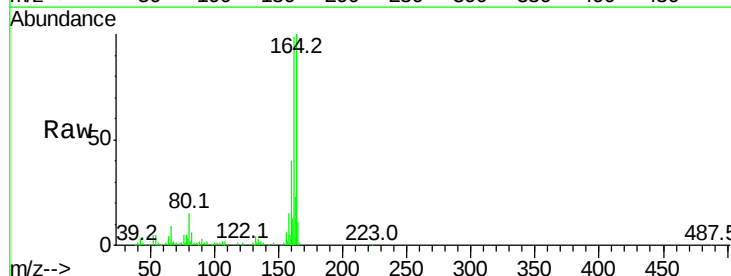


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

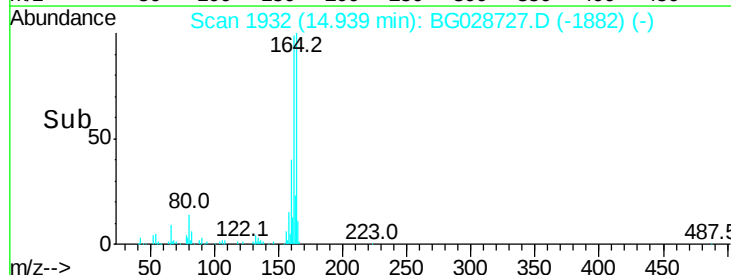
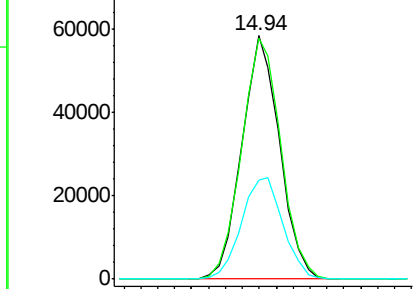


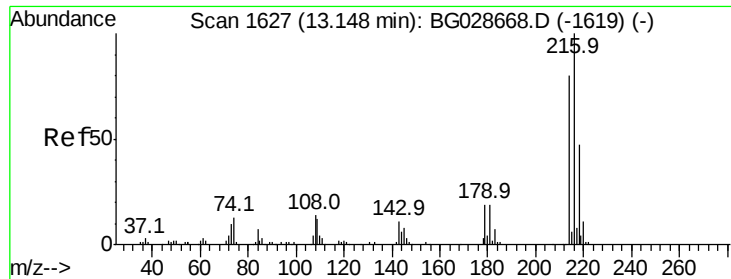
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.94 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion:164 Resp: 90507  
Ion Ratio Lower Upper  
164 100  
162 99.0 85.1 127.7  
160 40.5 34.7 52.1



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

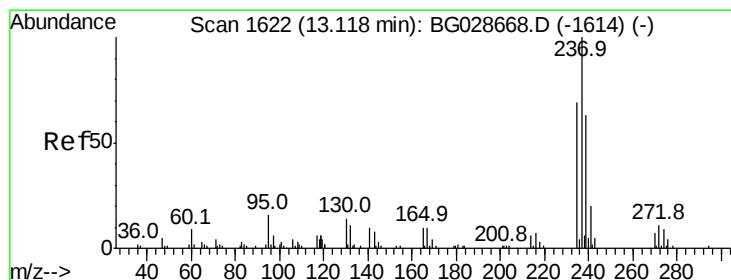
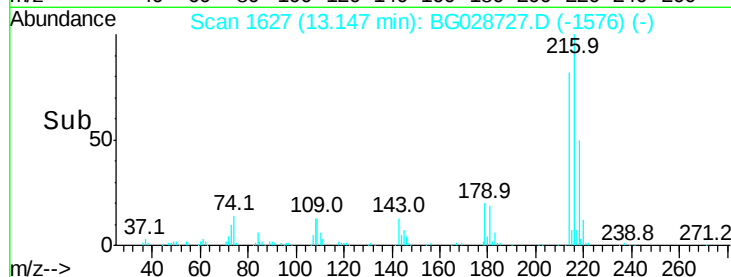
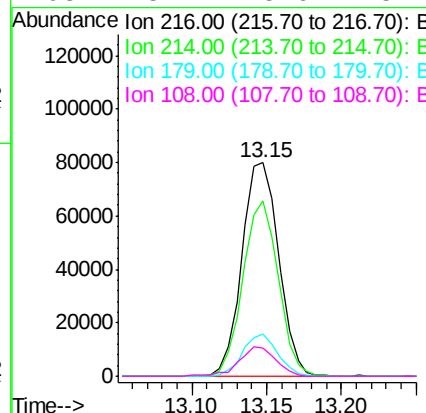
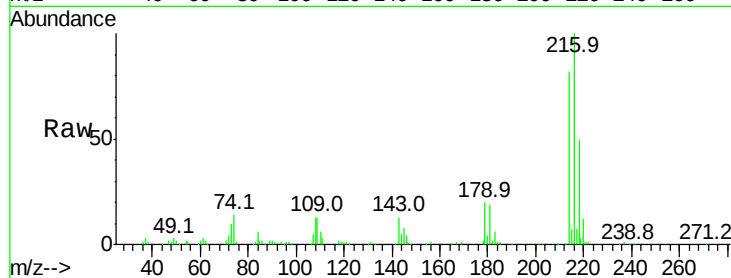




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.852 ng  
 RT: 13.15 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

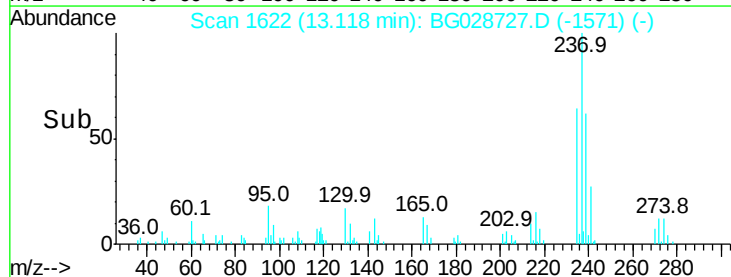
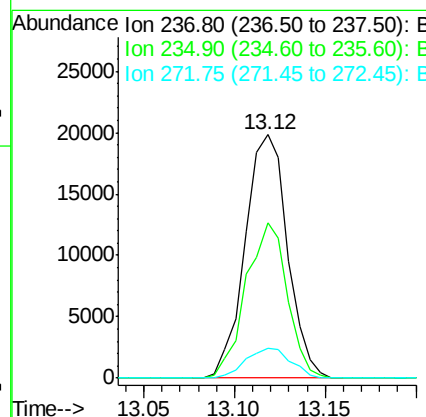
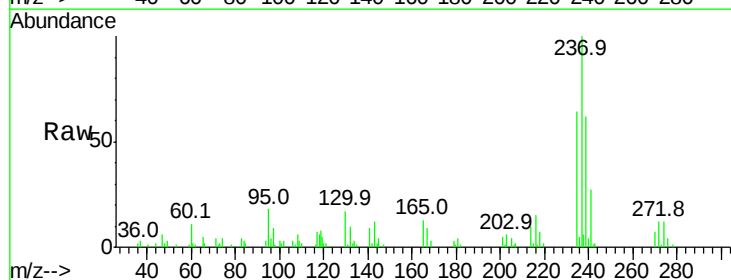
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

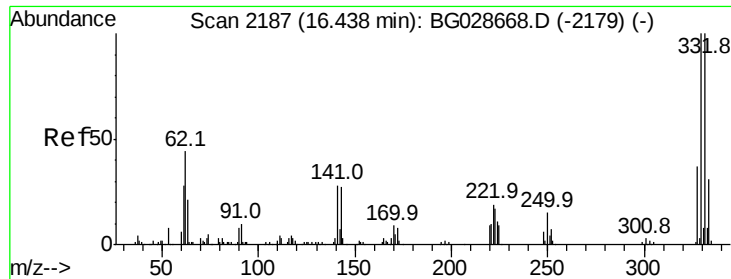
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 137139 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.5  | 64.4  | 96.6   |
| 179      | 18.8  | 17.4  | 26.0   |
| 108      | 13.7  | 15.6  | 23.4#  |



#40  
 Hexachlorocyclopentadiene  
 Concen: 27.761 ng  
 RT: 13.12 min Scan# 1622  
 Delta R.T. 0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 32203 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.9  | 39.4  | 79.4  |
| 272      | 12.4  | 0.0   | 32.0  |

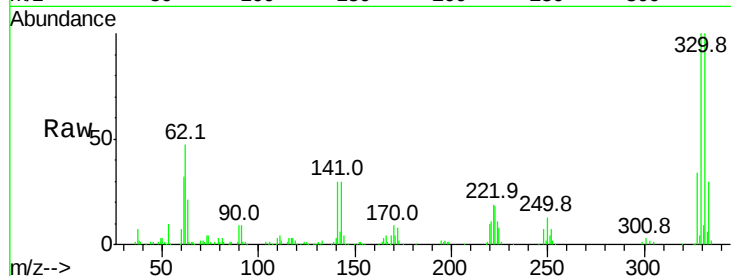




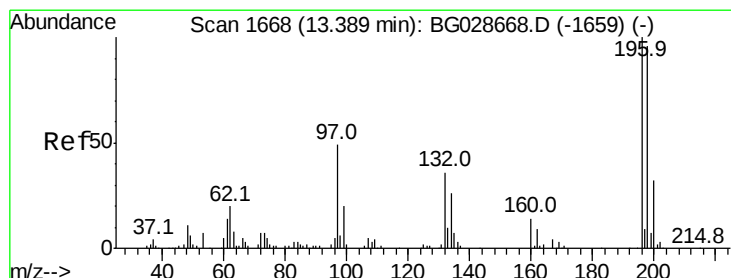
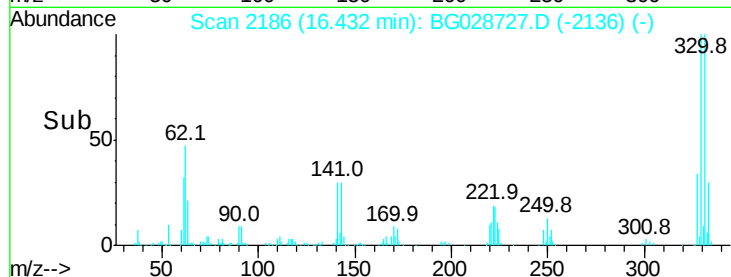
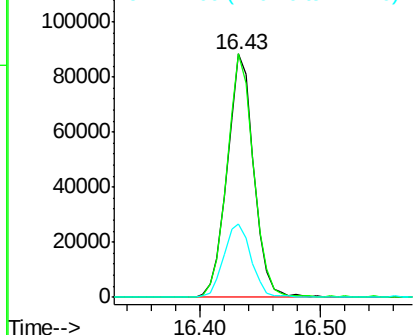
#41  
 2,4,6-Tribromophenol  
 Concen: 90.289 ng  
 RT: 16.43 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:330 Resp: 135157  
 Ion Ratio Lower Upper  
 330 100  
 332 99.2 77.3 115.9  
 141 31.2 32.1 48.1#

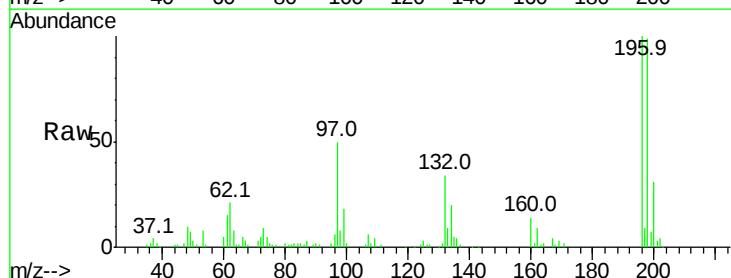


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

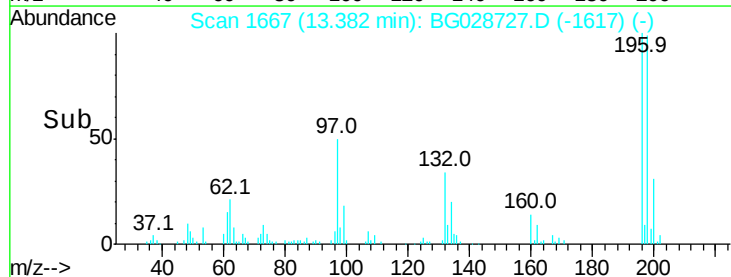
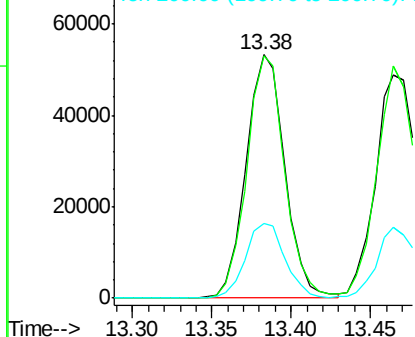


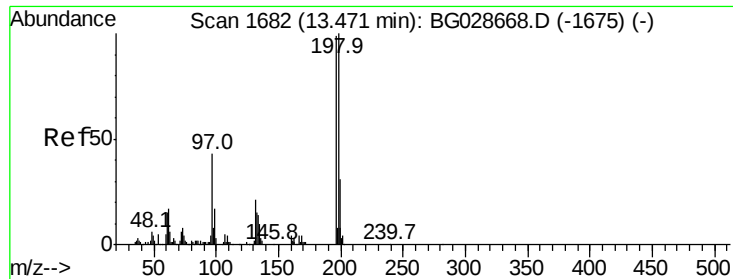
#42  
 2,4,6-Trichlorophenol  
 Concen: 38.303 ng  
 RT: 13.38 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

Tgt Ion:196 Resp: 90469  
 Ion Ratio Lower Upper  
 196 100  
 198 99.3 81.4 122.2  
 200 30.9 27.0 40.6



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

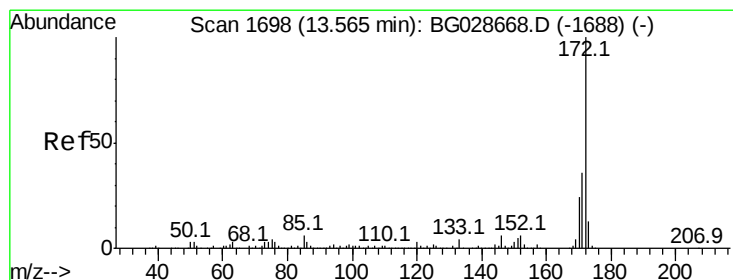
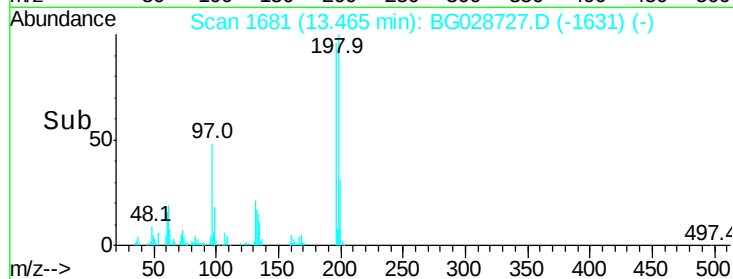
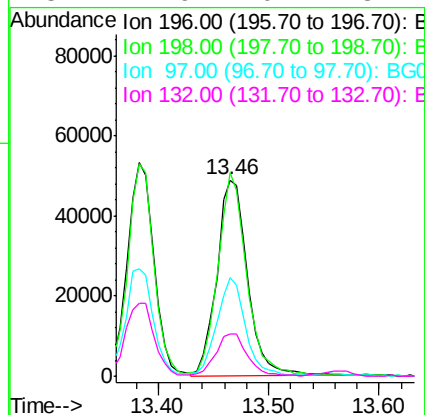
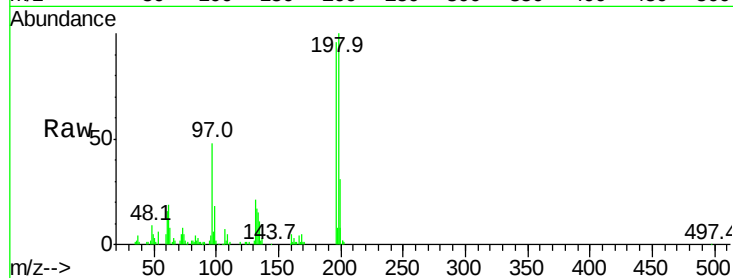




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.473 ng  
 RT: 13.46 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

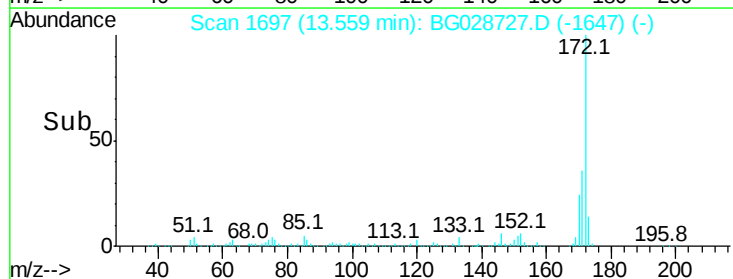
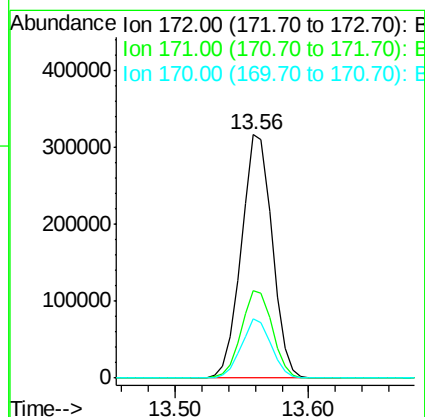
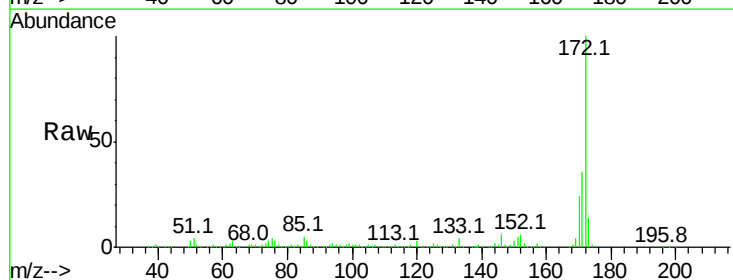
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

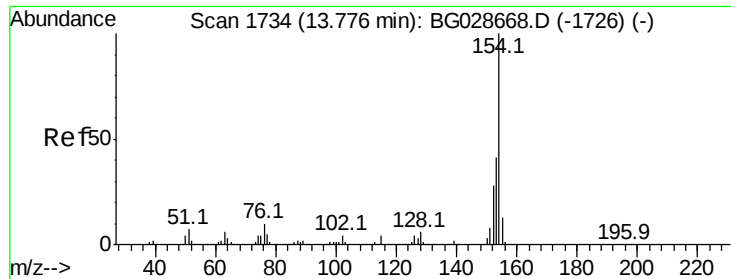
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 93683 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 104.1 | 79.9  | 119.9 |
| 97       | 50.1  | 45.4  | 68.0  |
| 132      | 21.6  | 20.7  | 31.1  |



#44  
 2-Fluorobiphenyl  
 Concen: 74.255 ng  
 RT: 13.56 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 504008 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.2  | 32.2  | 48.2   |
| 170      | 24.1  | 21.8  | 32.6   |

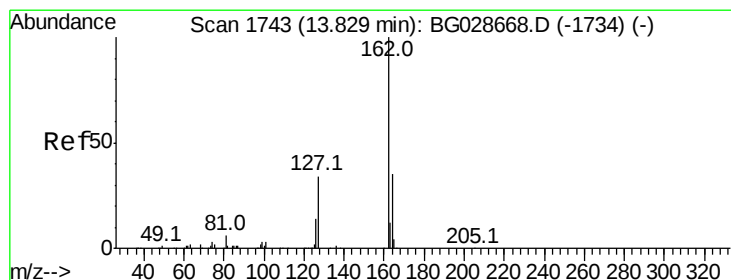
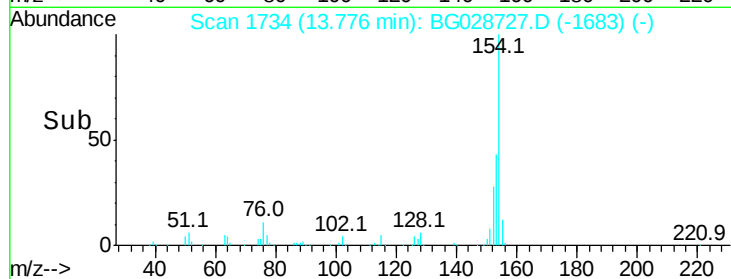
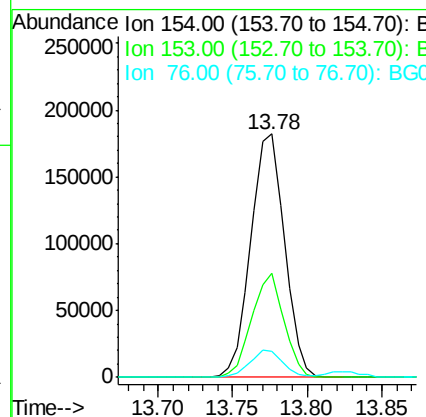
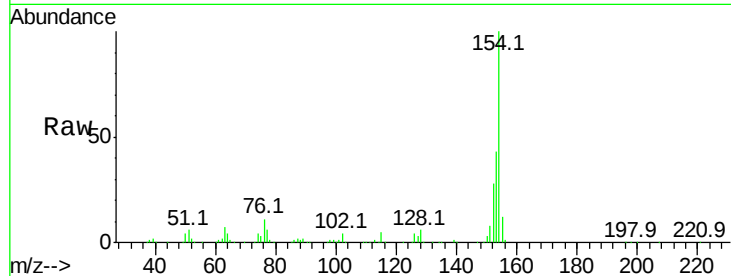




#45  
 1,1'-Biphenyl  
 Concen: 37.912 ng  
 RT: 13.78 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

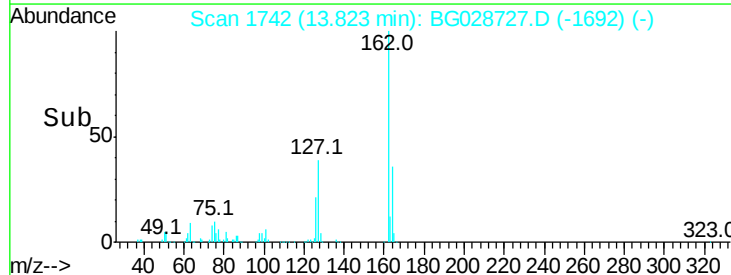
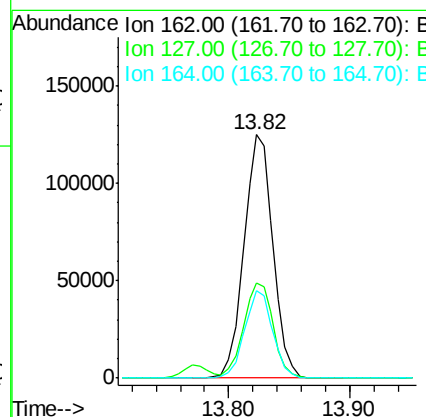
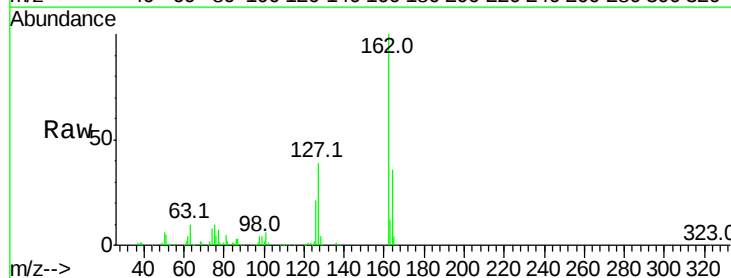
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.7  | 23.0  | 63.0  |
| 76      | 10.9  | 0.0   | 33.5  |



#46  
 2-Chloronaphthalene  
 Concen: 37.981 ng  
 RT: 13.82 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 32.2  | 48.4  |
| 164     | 35.8  | 27.3  | 40.9  |

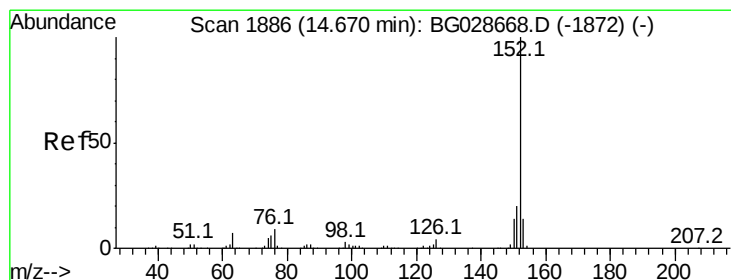
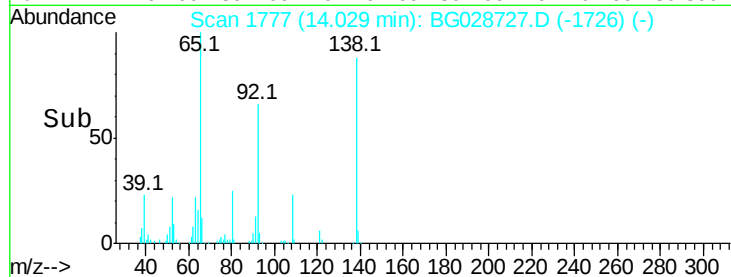
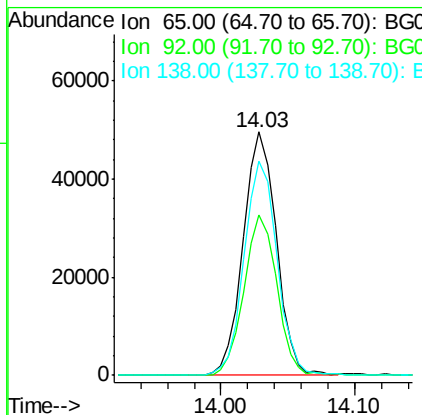
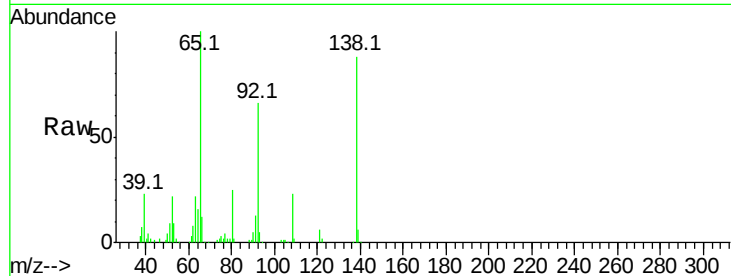




#47  
2-Nitroaniline  
Concen: 41.861 ng  
RT: 14.03 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

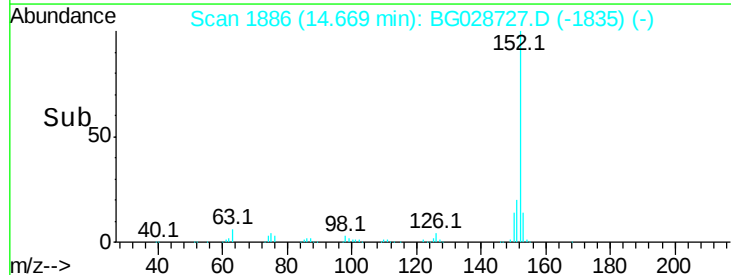
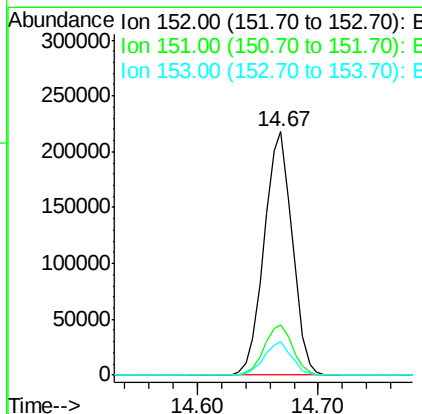
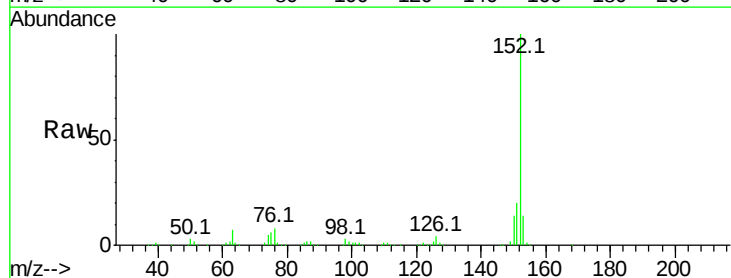
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 65 Resp: 85034  
Ion Ratio Lower Upper  
65 100  
92 66.0 49.0 73.4  
138 87.9 58.6 87.8#



#48  
Acenaphthylene  
Concen: 39.949 ng  
RT: 14.67 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion: 152 Resp: 348839  
Ion Ratio Lower Upper  
152 100  
151 20.4 18.2 27.2  
153 13.6 11.3 16.9

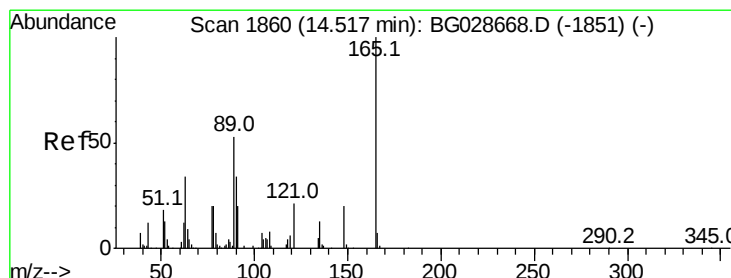
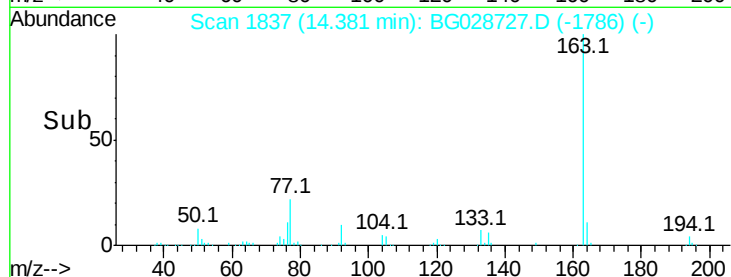
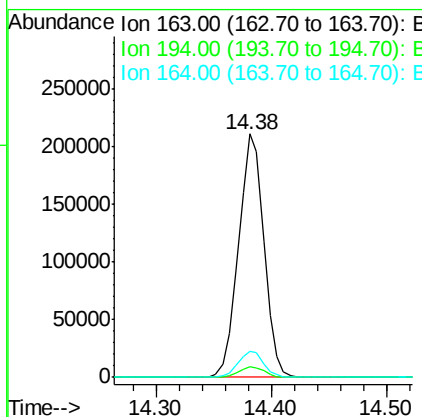
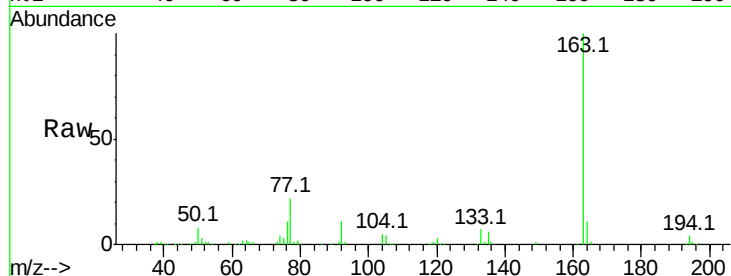




#49  
Dimethylphthalate  
Concen: 42.207 ng  
RT: 14.38 min Scan# 1837  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

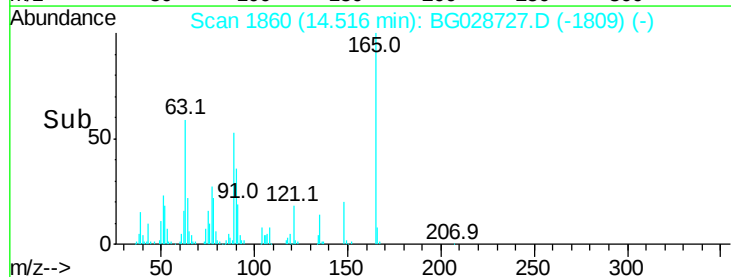
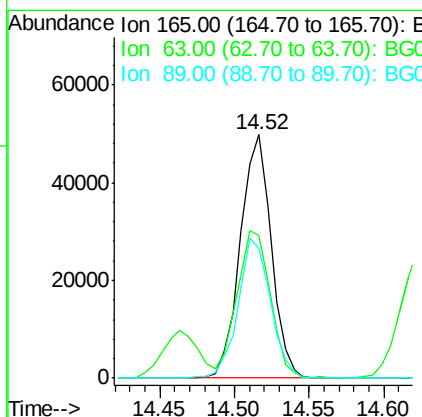
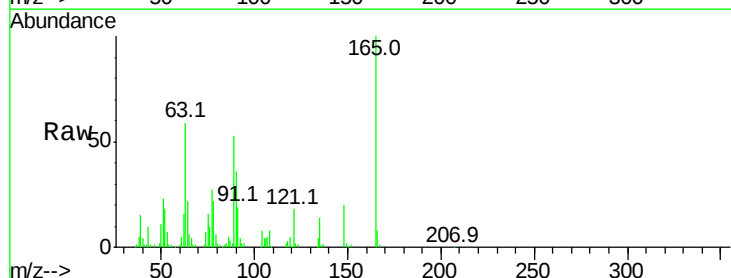
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

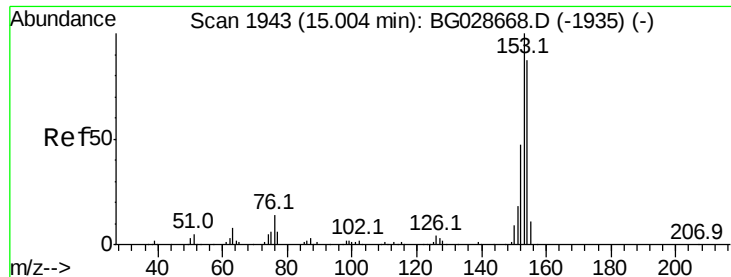
Tot Ion:163 Resp: 320334  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.8 5.6  
164 10.5 9.3 13.9



#50  
2,6-Dinitrotoluene  
Concen: 42.482 ng  
RT: 14.52 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion:165 Resp: 71742  
Ion Ratio Lower Upper  
165 100  
63 58.7 63.9 95.9#  
89 53.2 58.6 88.0#





#51

Acenaphthene

Concen: 39.612 ng

RT: 15.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

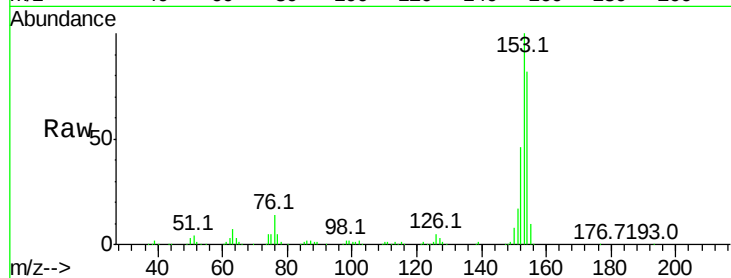
Tot Ion:154 Resp: 210124

Ion Ratio Lower Upper

154 100

153 122.7 87.8 131.6

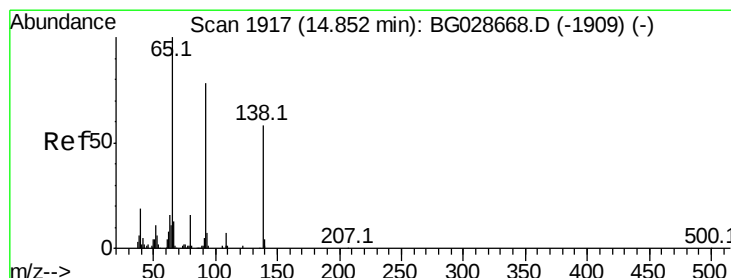
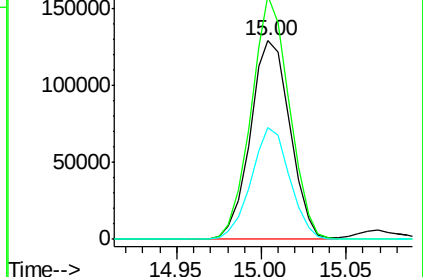
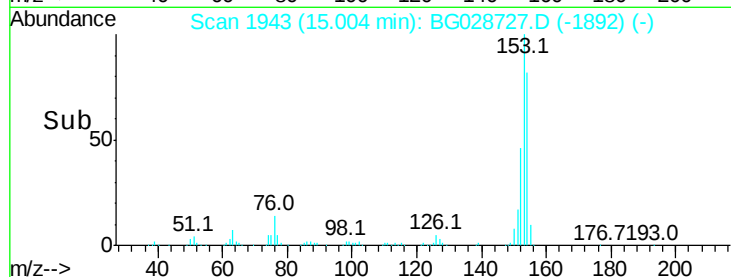
152 56.5 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.147 ng

RT: 14.85 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

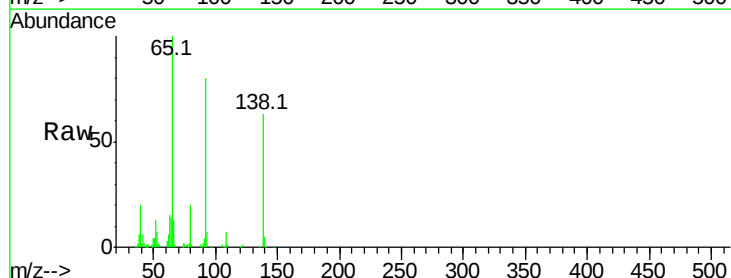
Tgt Ion:138 Resp: 67423

Ion Ratio Lower Upper

138 100

108 10.9 10.9 16.3#

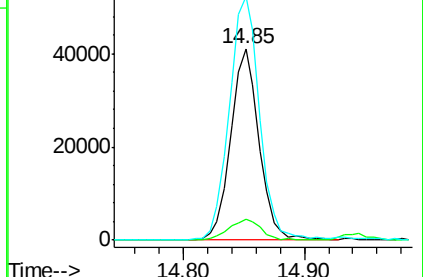
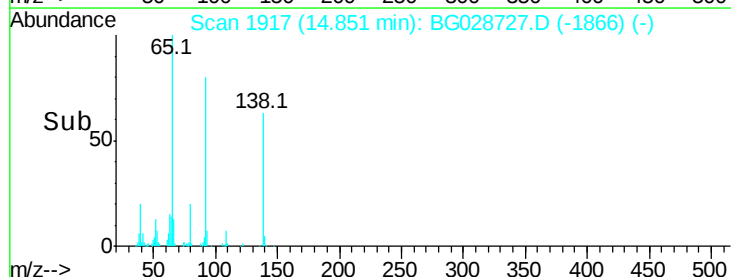
92 127.3 115.3 172.9

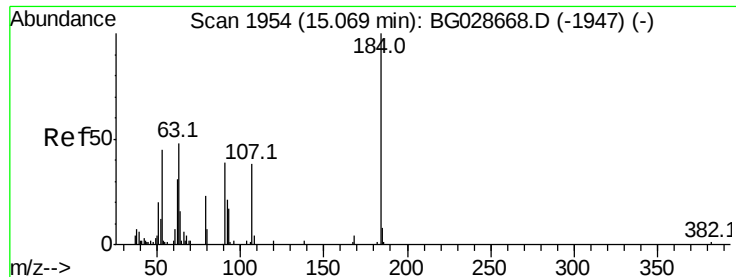


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

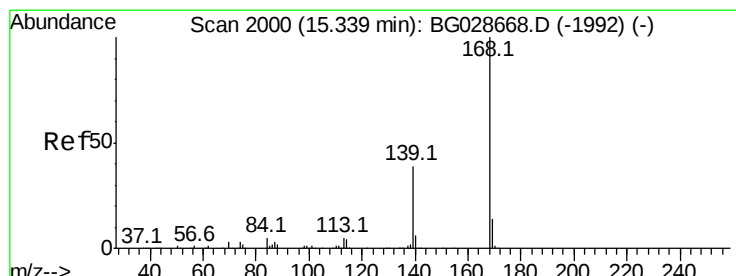
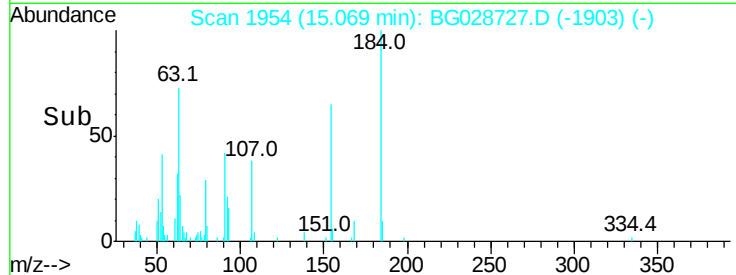
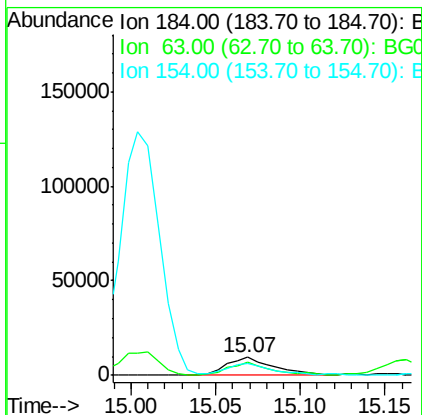
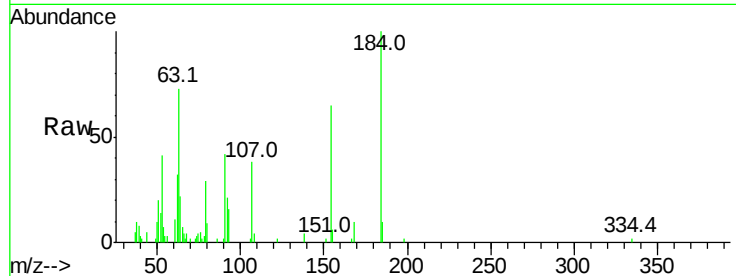




#53  
2,4-Dinitrophenol  
Concen: 26.988 ng  
RT: 15.07 min Scan# 1954  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

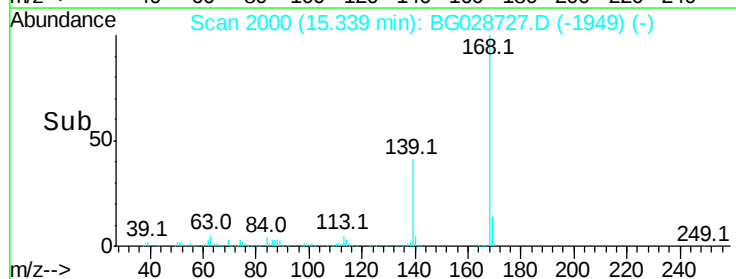
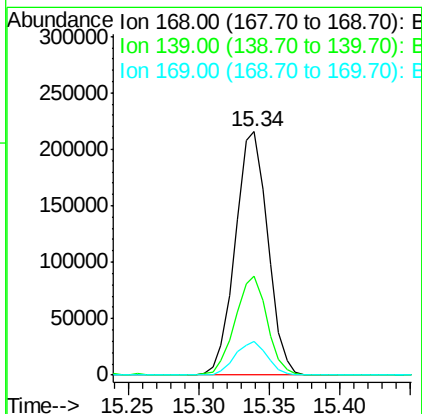
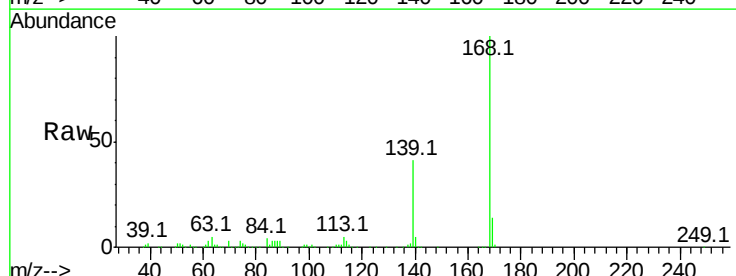
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

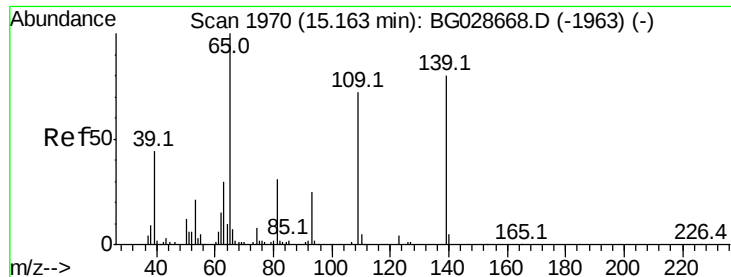
Tot Ion:184 Resp: 18773  
Ion Ratio Lower Upper  
184 100  
63 73.0 52.7 79.1  
154 65.4 57.3 85.9



#54  
Dibenzofuran  
Concen: 40.966 ng  
RT: 15.34 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion:168 Resp: 346536  
Ion Ratio Lower Upper  
168 100  
139 40.8 35.3 52.9  
169 13.9 11.5 17.3

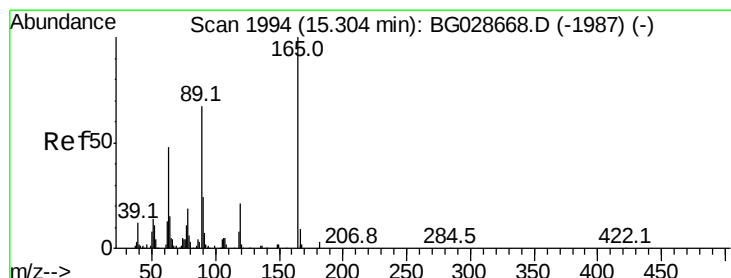
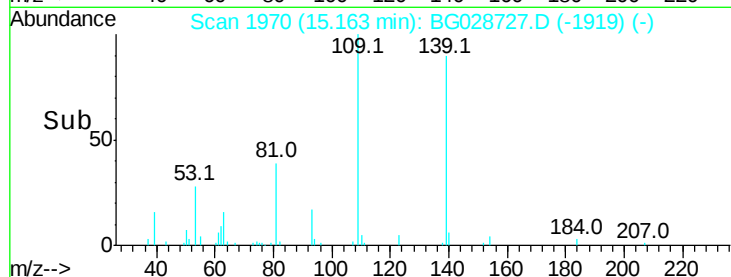
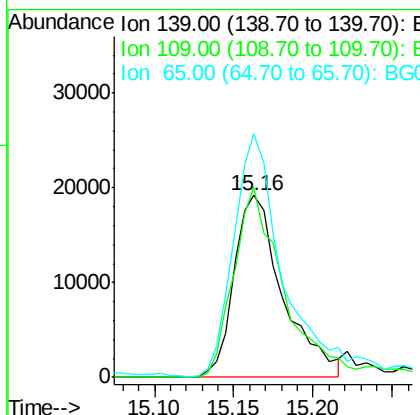
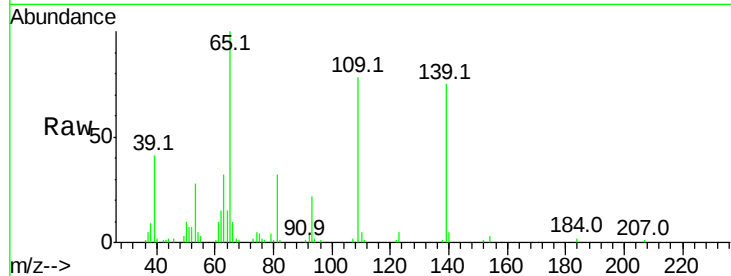




#55  
4-Nitrophenol  
Concen: 37.459 ng  
RT: 15.16 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

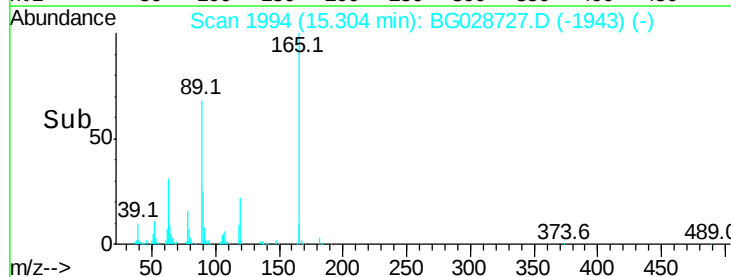
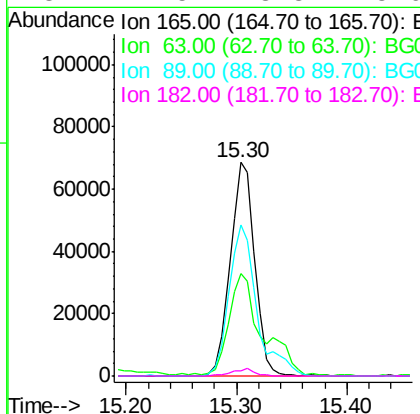
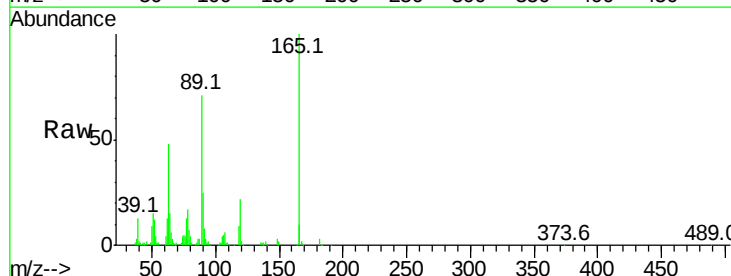
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

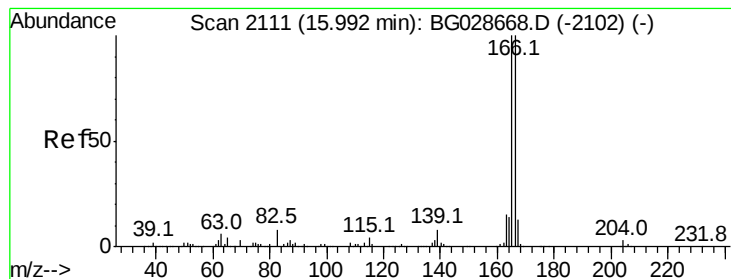
Tot Ion:139 Resp: 40985  
Ion Ratio Lower Upper  
139 100  
109 104.2 101.2 141.2  
65 133.8 135.3 175.3#



#56  
2,4-Dinitrotoluene  
Concen: 44.850 ng  
RT: 15.30 min Scan# 1994  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion:165 Resp: 106498  
Ion Ratio Lower Upper  
165 100  
63 47.8 44.0 66.0  
89 70.6 67.3 100.9  
182 2.5 3.8 5.6#





#57

Fluorene

Concen: 42.940 ng

RT: 15.99 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

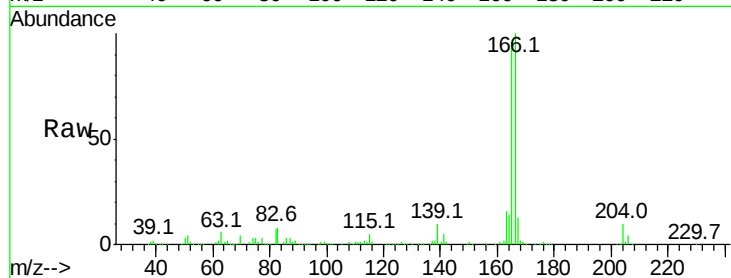
Tot Ion:166 Resp: 324286

Ion Ratio Lower Upper

166 100

165 95.6 78.6 117.8

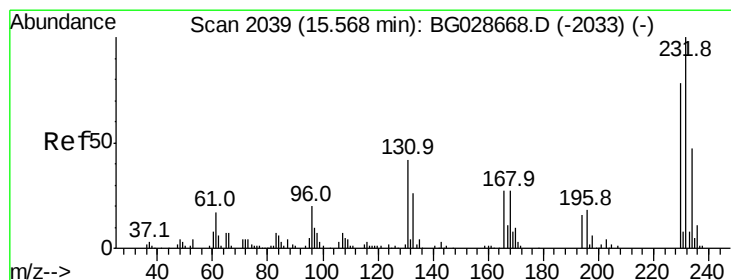
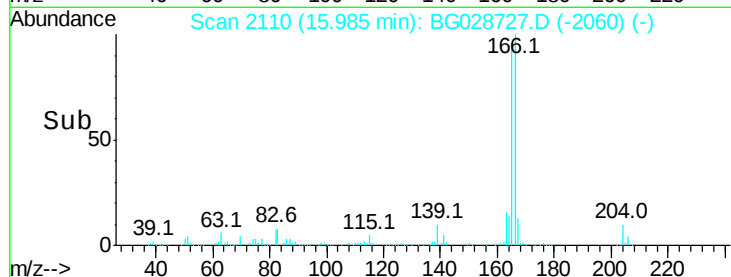
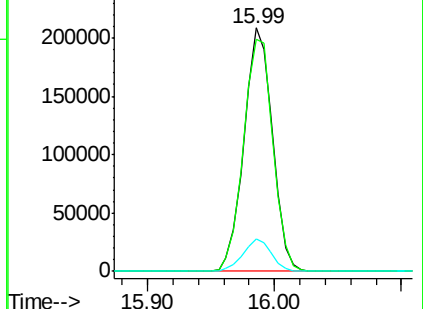
167 13.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.584 ng

RT: 15.57 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Tgt Ion:232 Resp: 89073

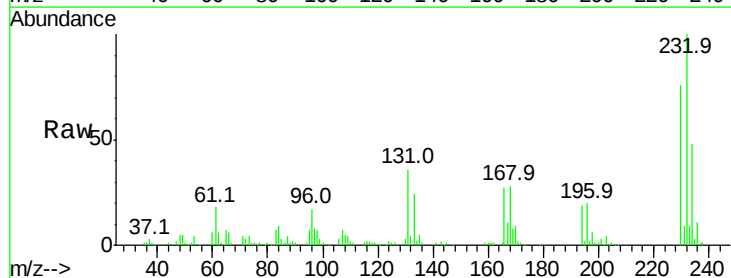
Ion Ratio Lower Upper

232 100

131 40.8 34.9 52.3

130 2.4 2.3 3.5

166 28.8 24.2 36.4

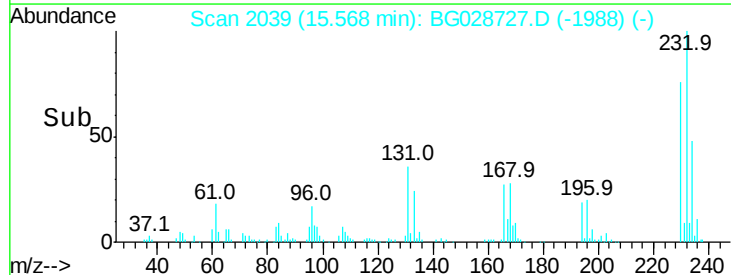
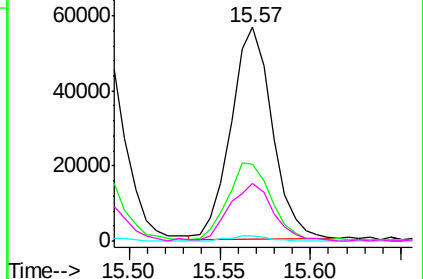


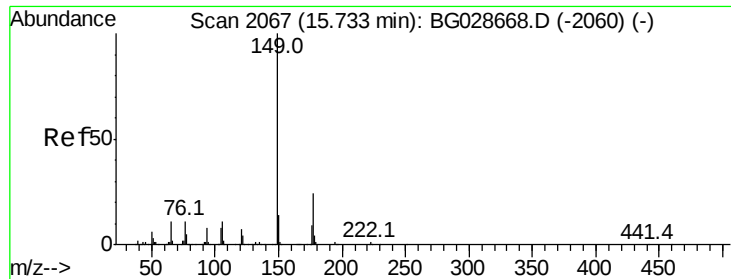
Abundance Ion 232.00 (231.70 to 232.70): E

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

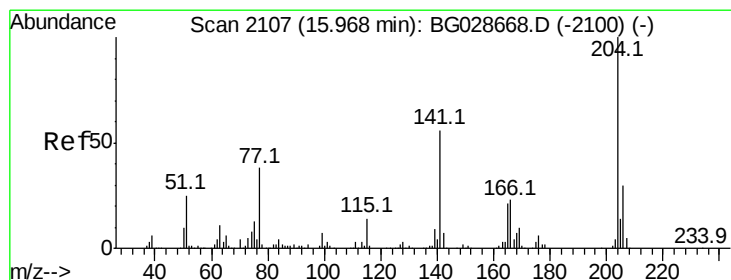
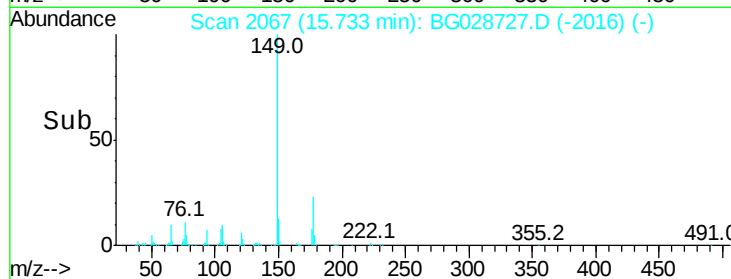
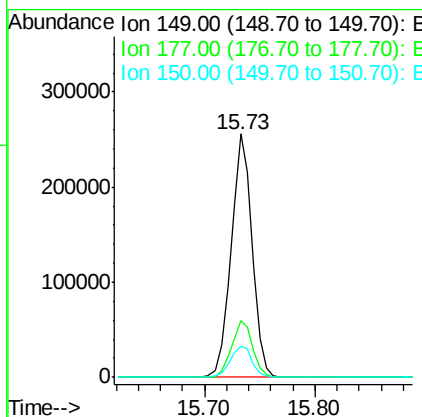
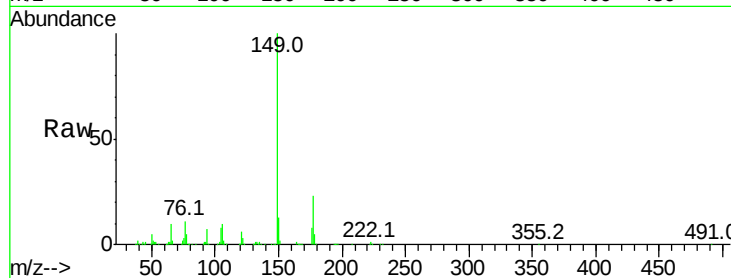




#59  
Diethylphthalate  
Concen: 43.513 ng  
RT: 15.73 min Scan# 2067  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

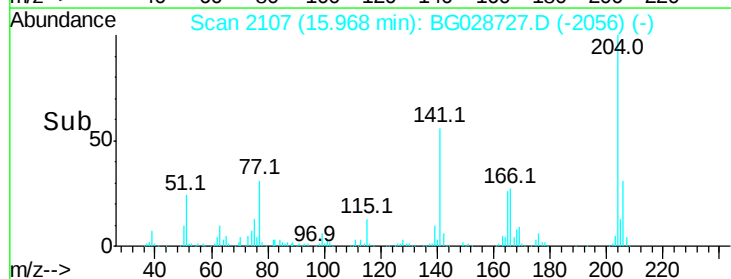
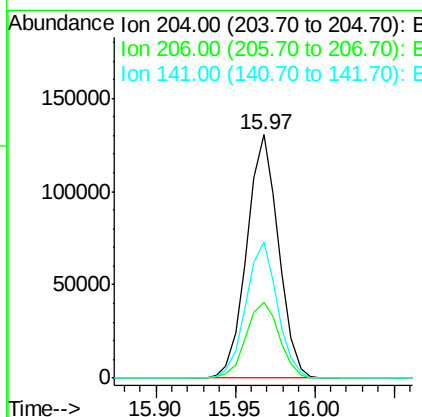
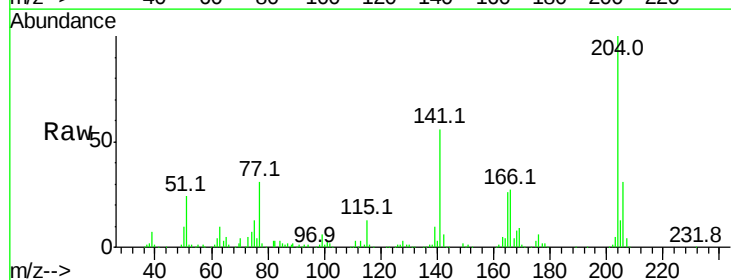
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

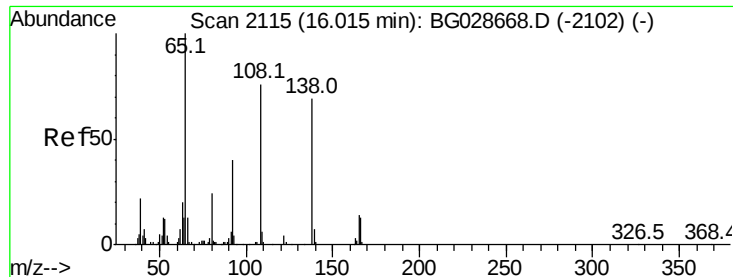
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 20.1  | 30.1  |
| 150     | 12.8  | 10.2  | 15.2  |



#60  
4-Chlorophenyl-phenylether  
Concen: 42.227 ng  
RT: 15.97 min Scan# 2107  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.3  | 30.1  | 45.1  |
| 141     | 55.9  | 50.6  | 76.0  |





#61

4-Nitroaniline

Concen: 44.849 ng

RT: 16.01 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

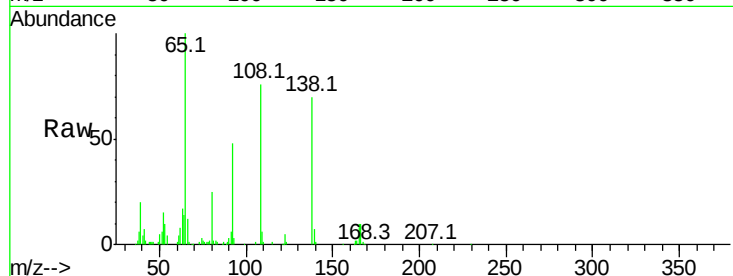
Tot Ion:138 Resp: 70957

Ion Ratio Lower Upper

138 100

92 67.7 44.2 84.2

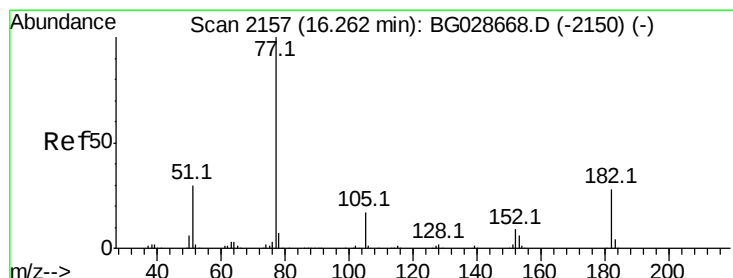
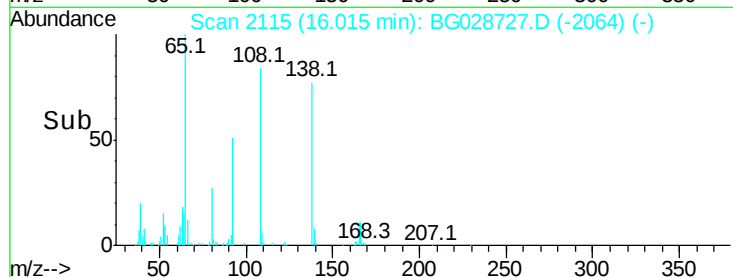
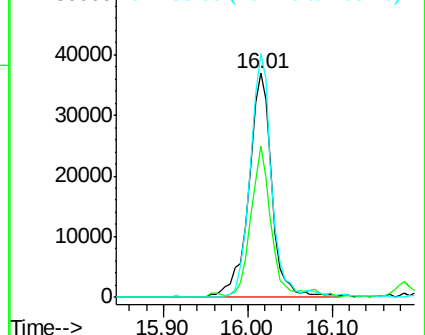
108 108.6 104.8 144.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.678 ng

RT: 16.26 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Tgt Ion: 77 Resp: 286505

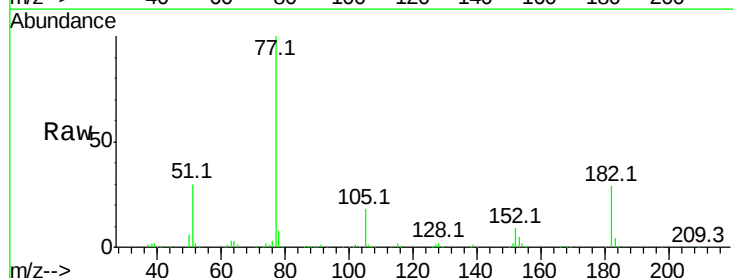
Ion Ratio Lower Upper

77 100

182 29.2 4.7 44.7

105 18.5 0.0 36.3

51 30.1 16.4 56.4

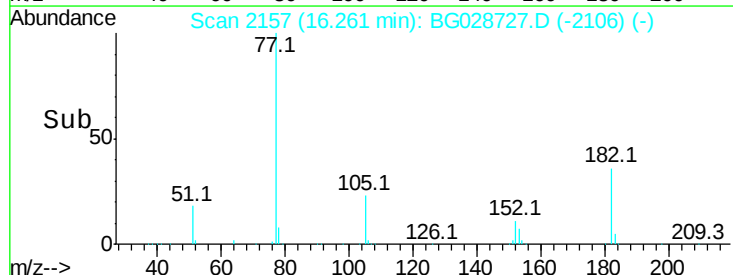
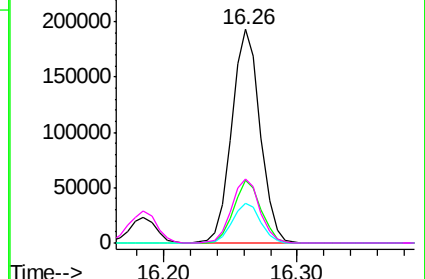


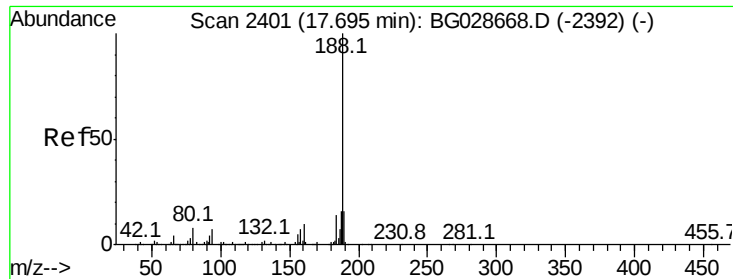
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

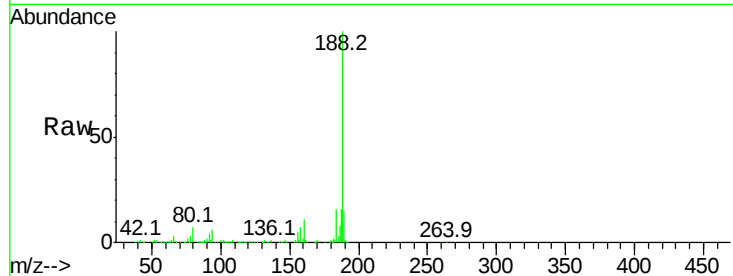
Tot Ion:188 Resp: 257622

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

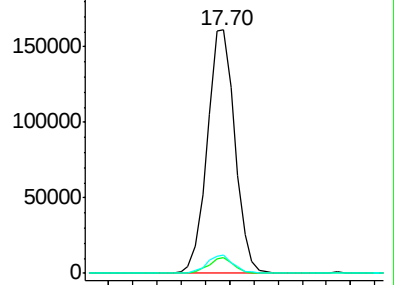
80 7.4 7.5 11.3#



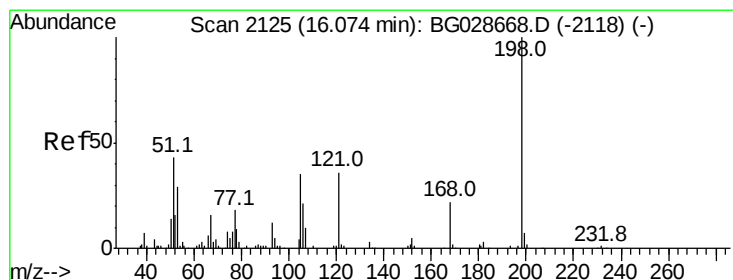
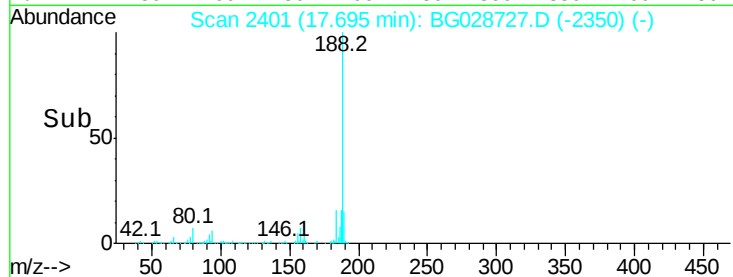
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 32.799 ng

RT: 16.07 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

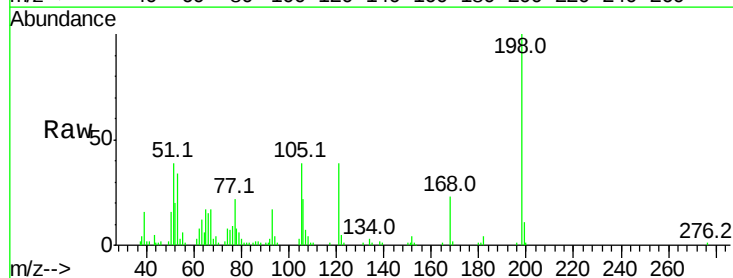
Tgt Ion:198 Resp: 54523

Ion Ratio Lower Upper

198 100

51 38.9 22.6 62.6

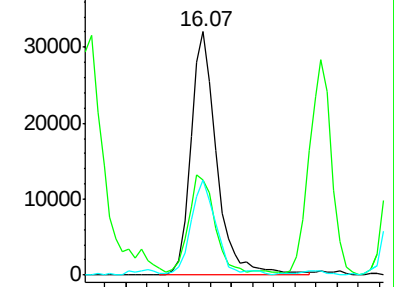
105 39.0 14.4 54.4



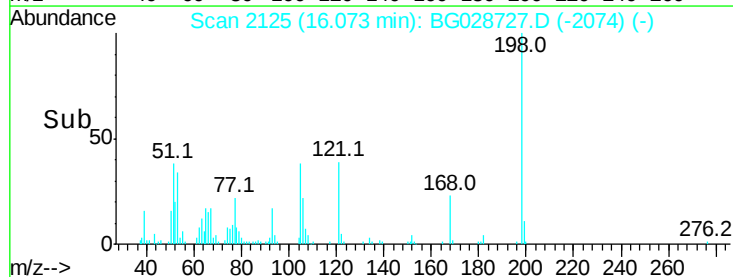
Abundance Ion 198.00 (197.70 to 198.70): E

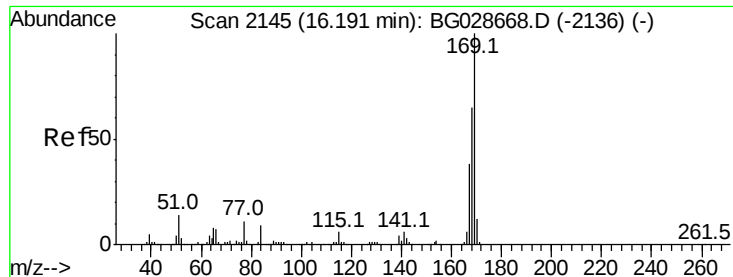
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.551 ng

RT: 16.19 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

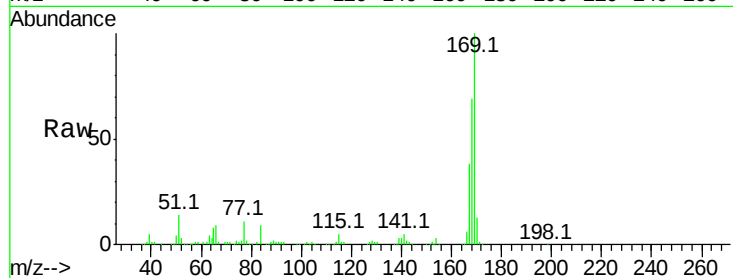
Tot Ion:169 Resp: 284705

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

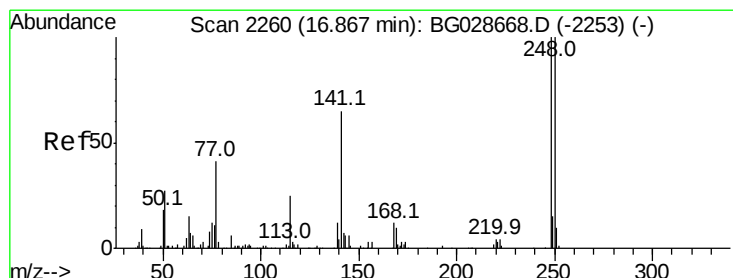
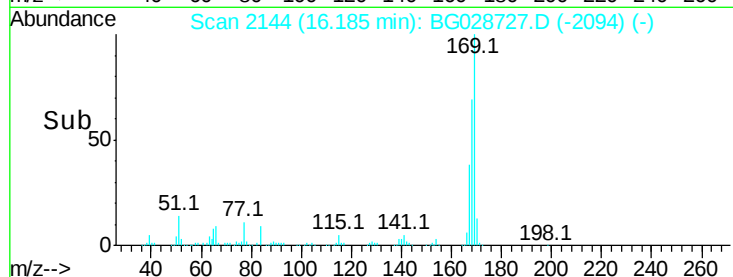
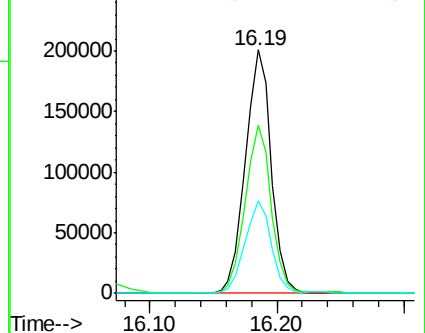
167 37.9 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 39.118 ng

RT: 16.87 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

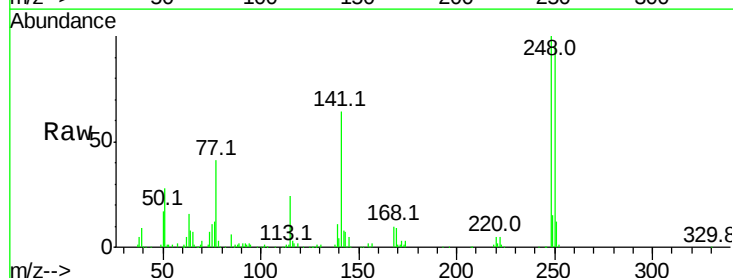
Tgt Ion:248 Resp: 129671

Ion Ratio Lower Upper

248 100

250 95.4 75.0 112.6

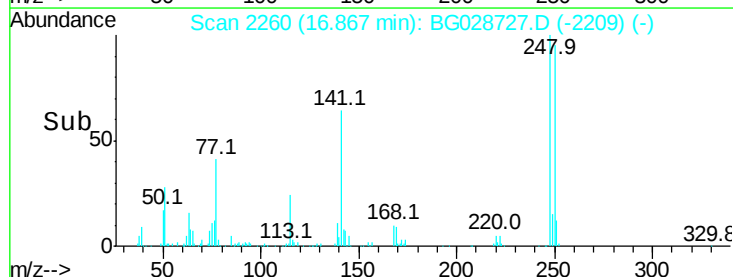
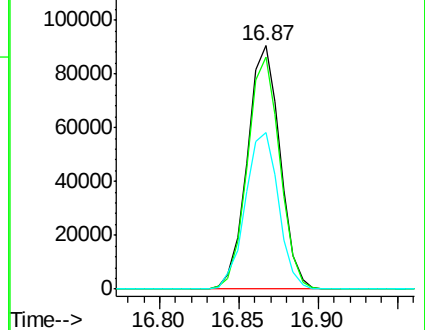
141 64.3 55.2 82.8

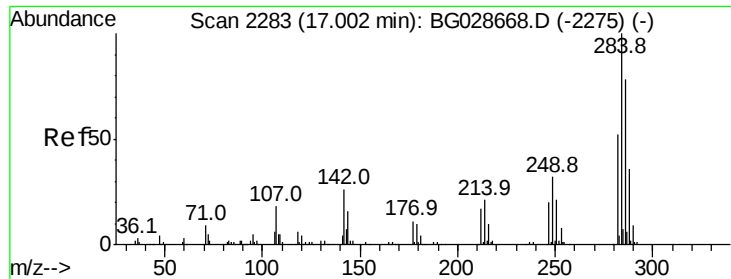


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

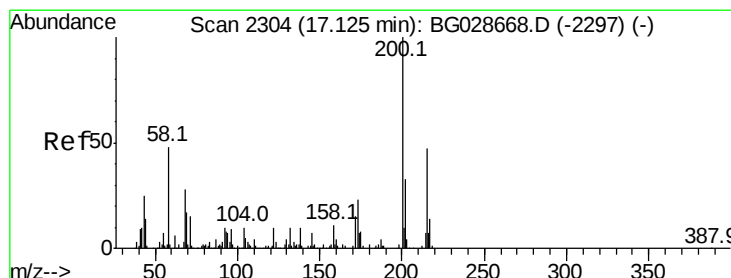
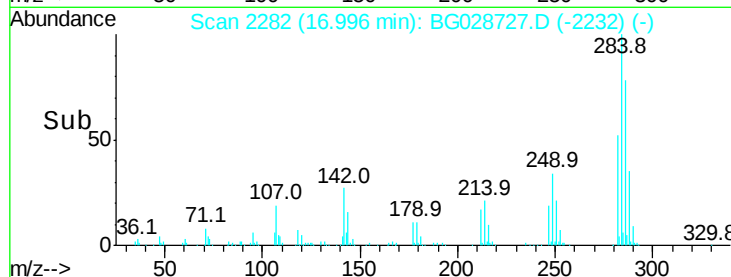
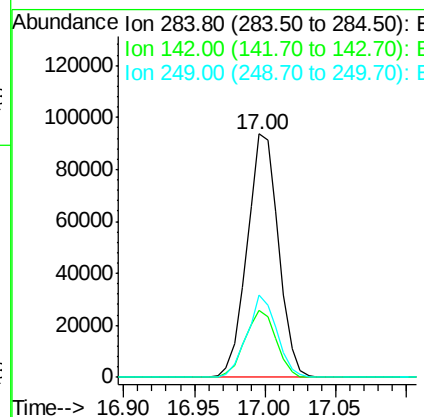
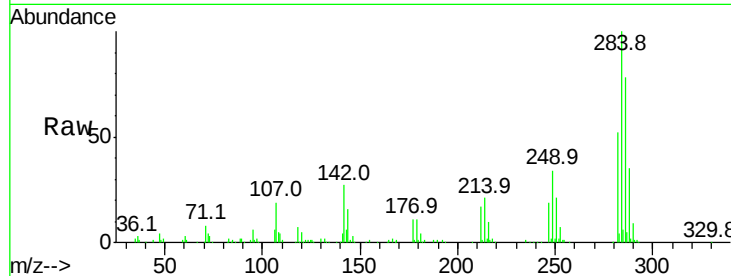




#67  
Hexachlorobenzene  
Concen: 38.581 ng  
RT: 17.00 min Scan# 2282  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

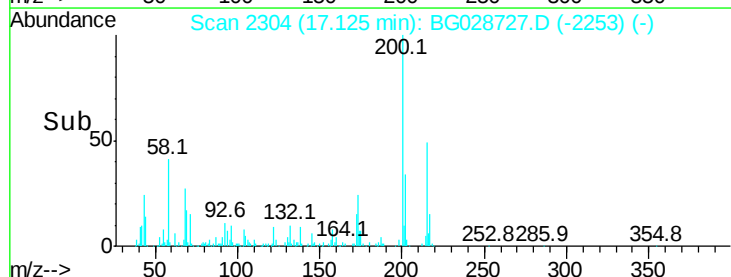
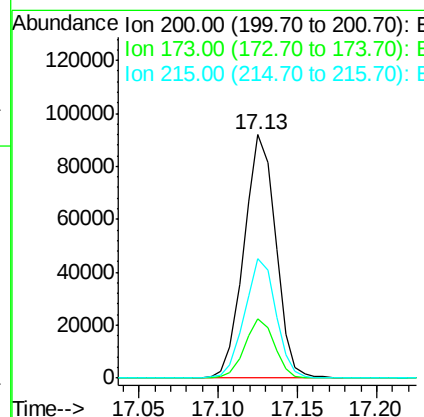
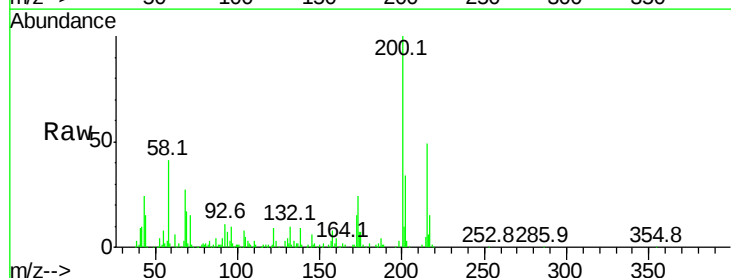
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

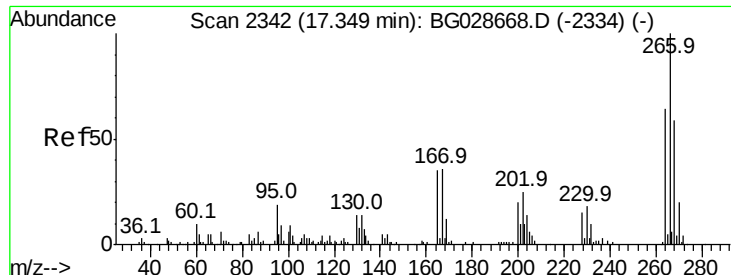
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.5  | 29.9  | 44.9# |
| 249     | 33.6  | 29.2  | 43.8  |



#68  
Atrazine  
Concen: 40.319 ng  
RT: 17.13 min Scan# 2304  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 3.0   | 43.0  |
| 215     | 48.9  | 28.4  | 68.4  |





#69

Pentachlorophenol

Concen: 36.133 ng

RT: 17.35 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

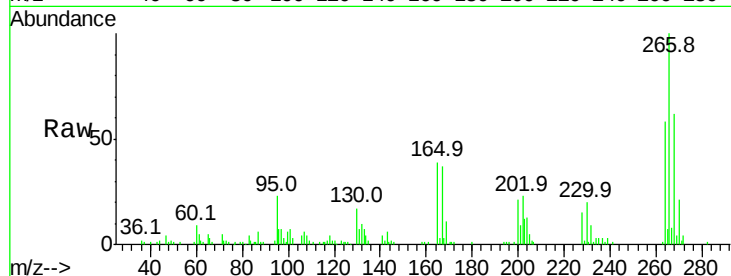
Tot Ion:266 Resp: 61594

Ion Ratio Lower Upper

266 100

268 61.9 48.6 72.8

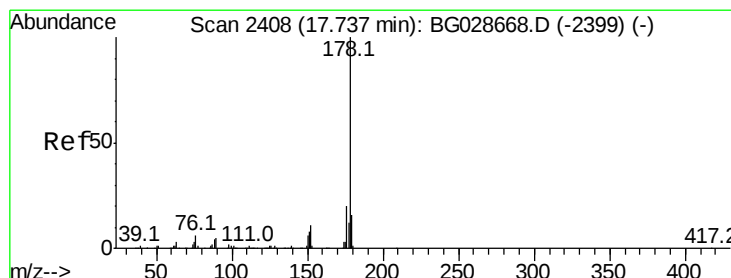
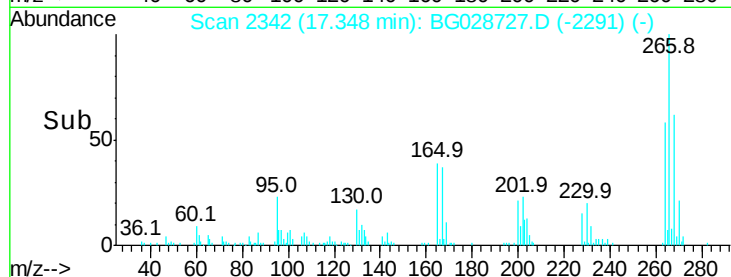
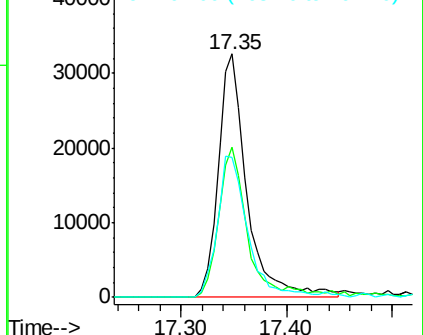
264 57.7 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.094 ng

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

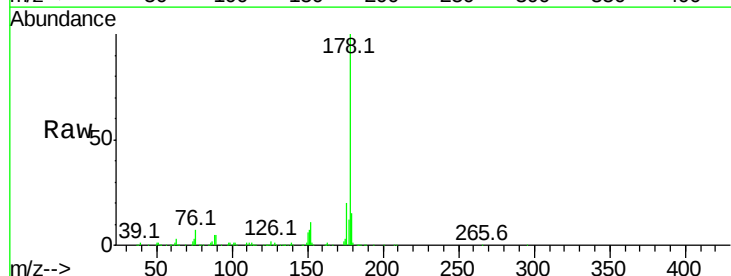
Tgt Ion:178 Resp: 528214

Ion Ratio Lower Upper

178 100

176 20.0 17.7 26.5

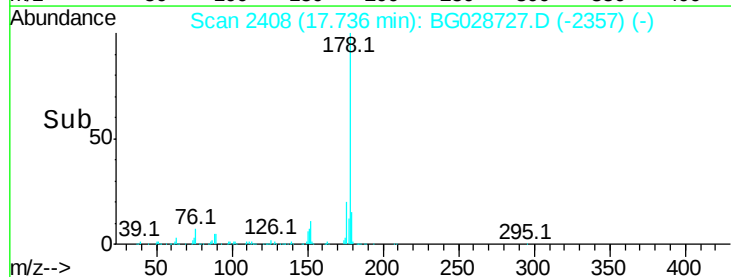
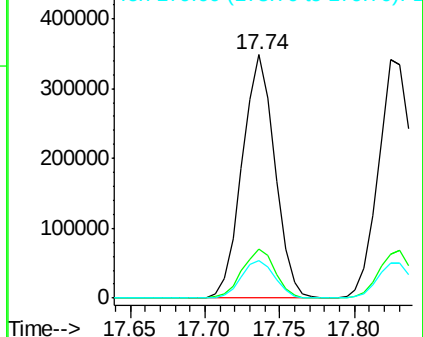
179 15.4 15.0 22.6

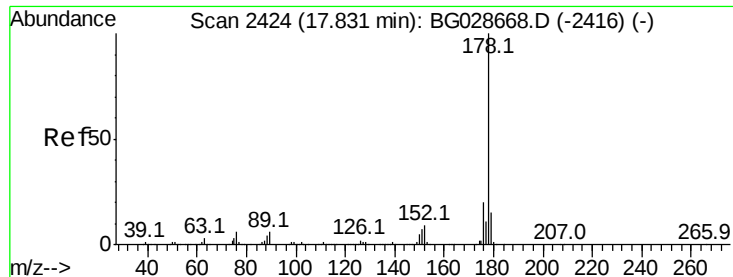


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

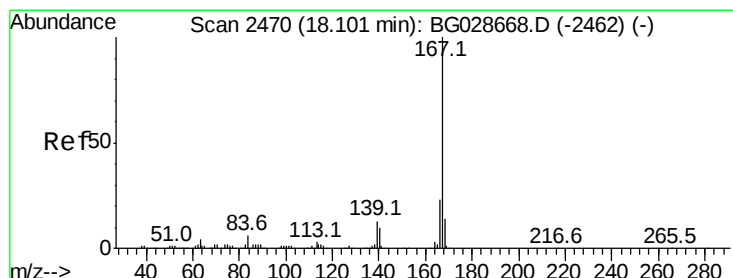
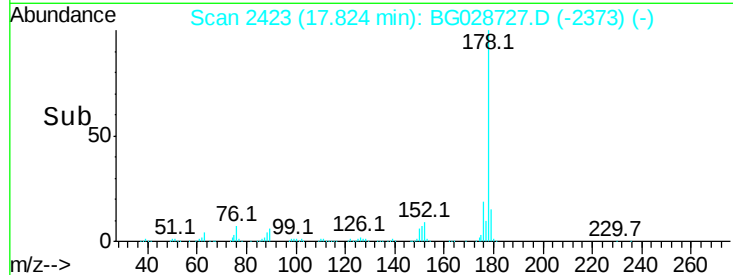
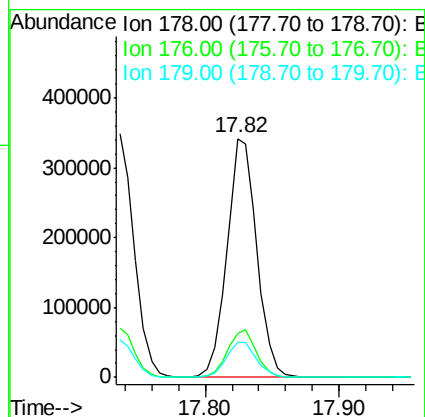
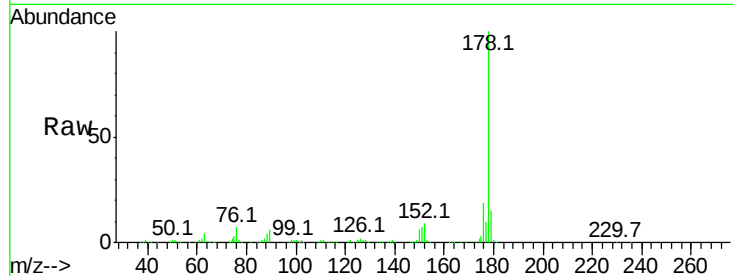




#71  
 Anthracene  
 Concen: 39.886 ng  
 RT: 17.82 min Scan# 2423  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

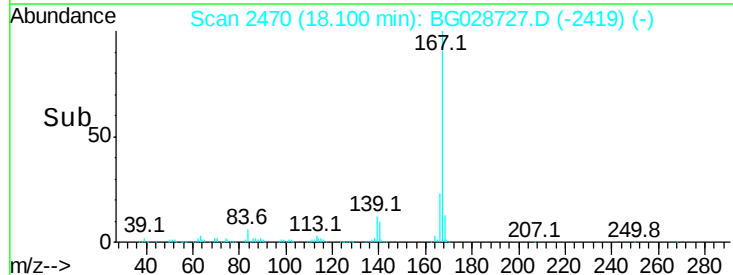
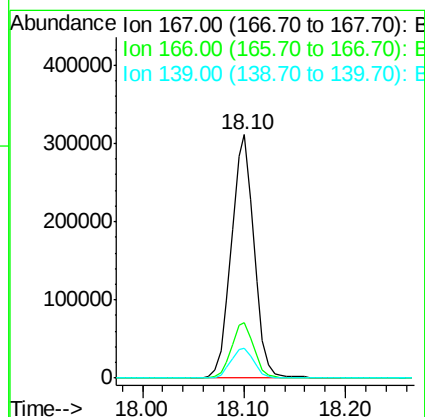
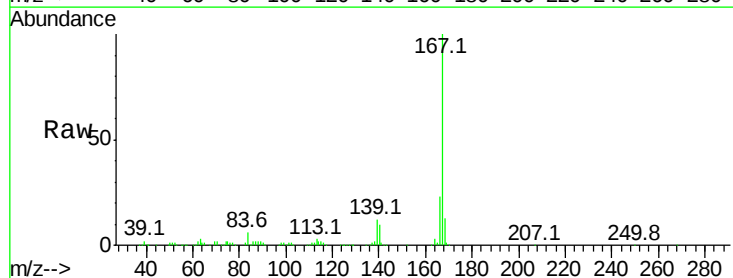
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

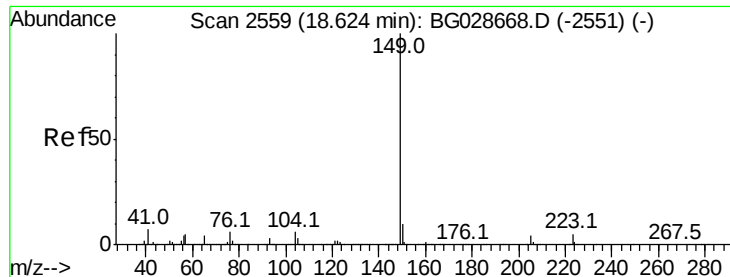
Tot Ion:178 Resp: 530813  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 16.4 24.6  
 179 14.8 13.8 20.8



#72  
 Carbazole  
 Concen: 40.311 ng  
 RT: 18.10 min Scan# 2470  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

Tgt Ion:167 Resp: 483155  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 20.2 30.2  
 139 12.4 12.8 19.2#

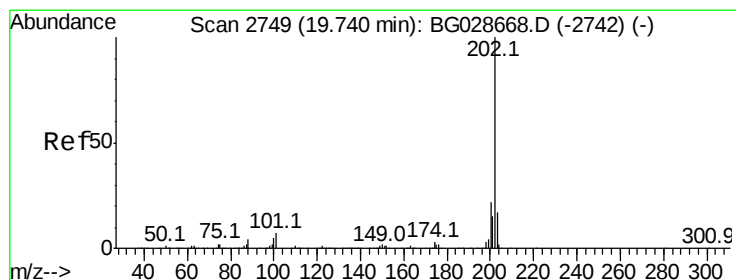
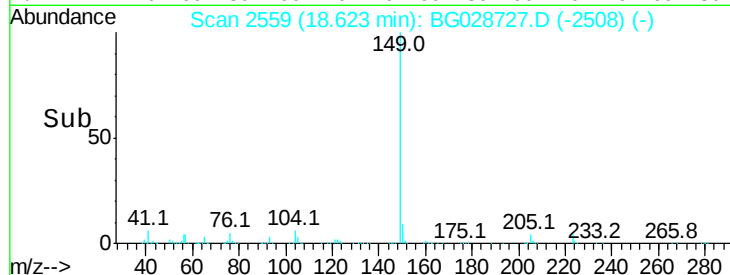
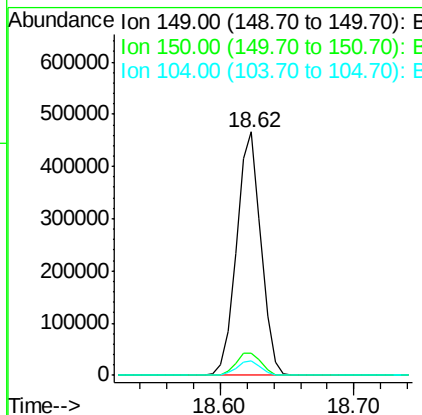
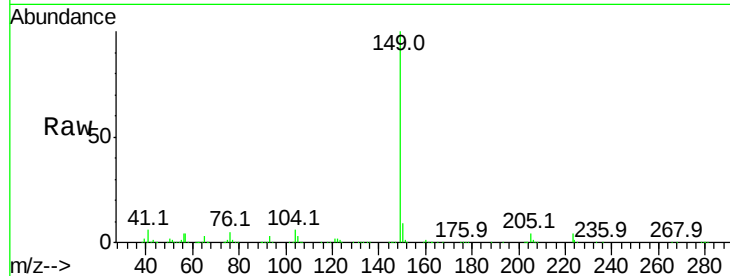




#73  
Di-n-butylphthalate  
Concen: 40.066 ng  
RT: 18.62 min Scan# 2559  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

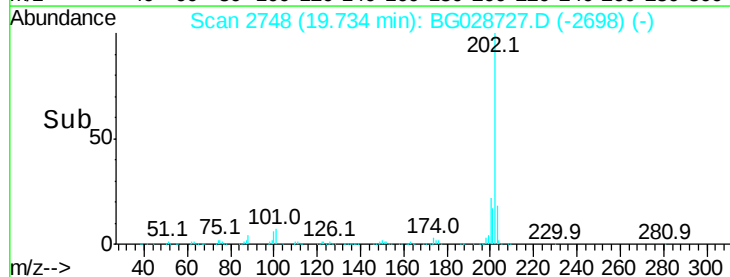
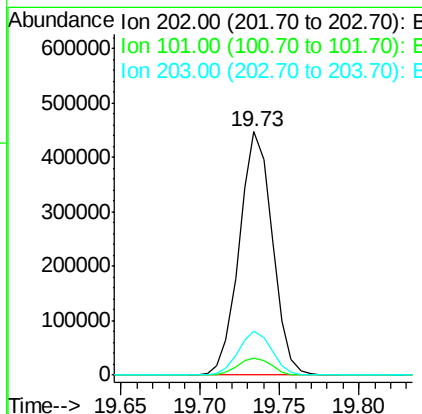
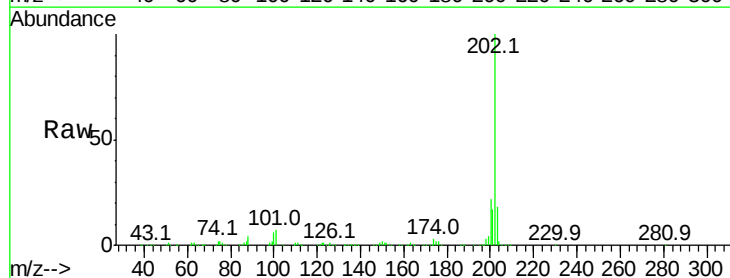
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

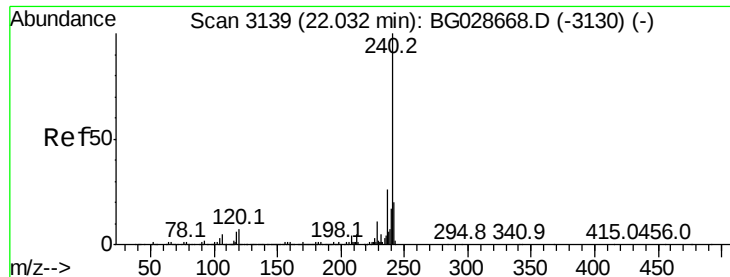
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 9.1   | 13.7  |
| 104     | 5.7   | 6.7   | 10.1  |



#74  
Fluoranthene  
Concen: 40.189 ng  
RT: 19.73 min Scan# 2748  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.8   | 0.0   | 30.1  |
| 203     | 18.1  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

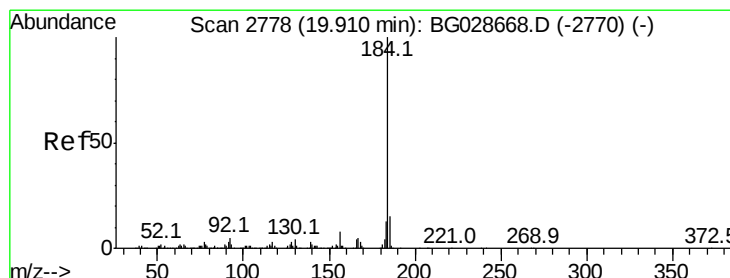
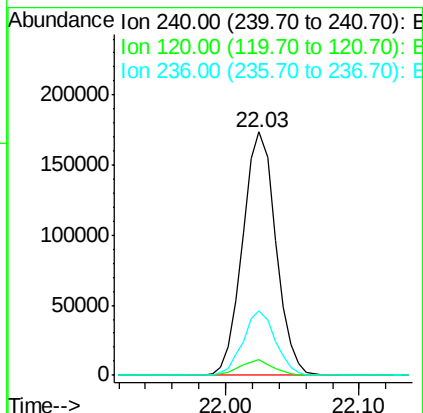
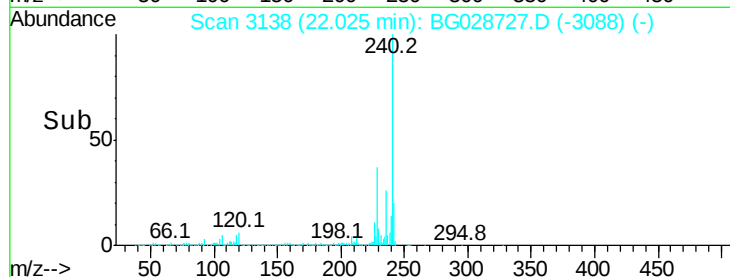
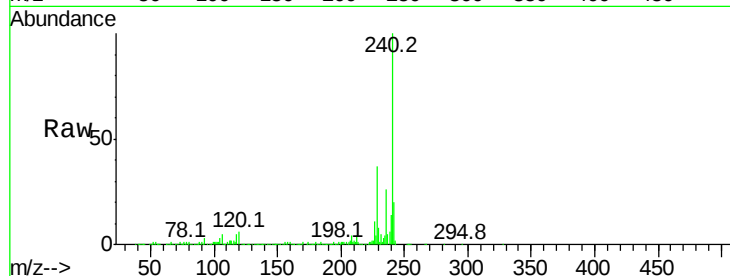
Tot Ion:240 Resp: 298606

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

236 26.3 22.2 33.4



#76

Benzidine

Concen: 36.840 ng

RT: 19.91 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

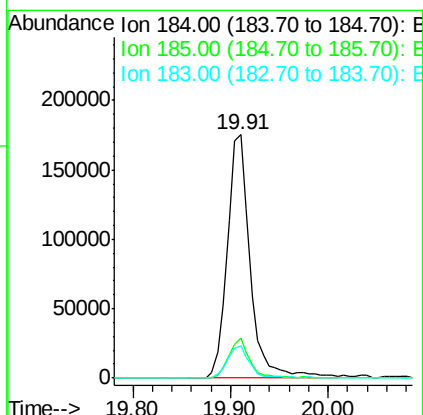
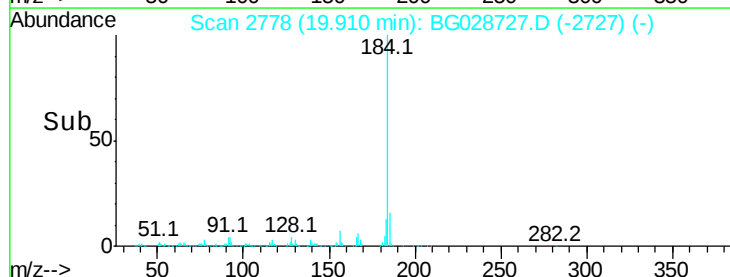
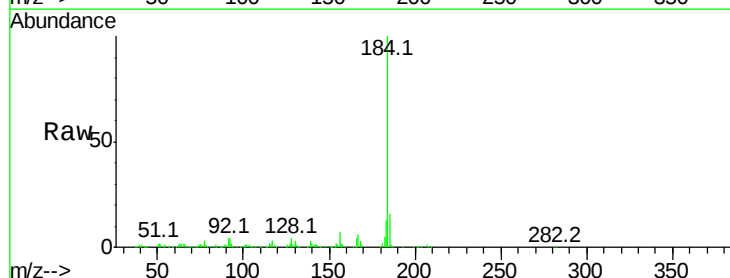
Tgt Ion:184 Resp: 285276

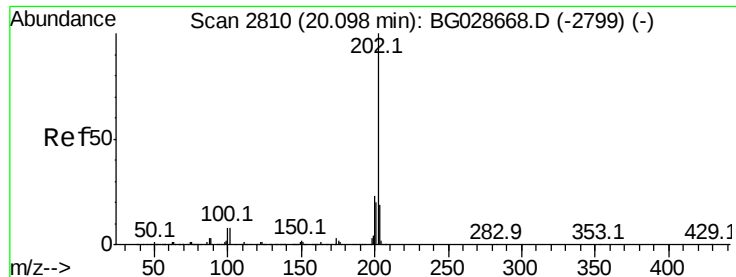
Ion Ratio Lower Upper

184 100

185 16.5 13.0 19.6

183 13.5 11.0 16.6

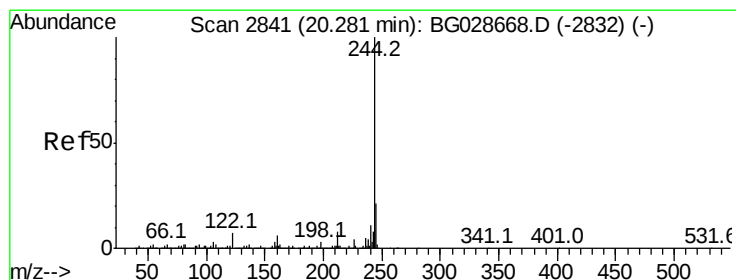
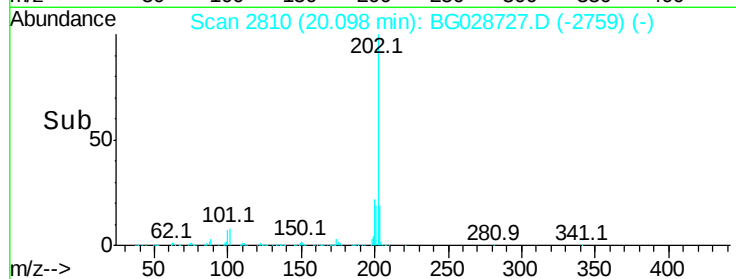
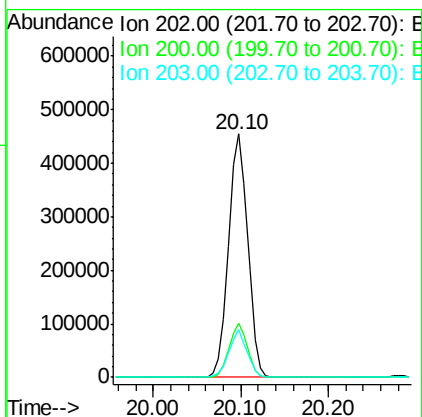
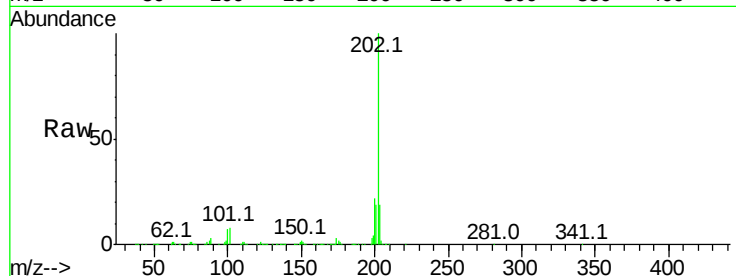




#77  
Pvrene  
Concen: 39.219 ng  
RT: 20.10 min Scan# 2810  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

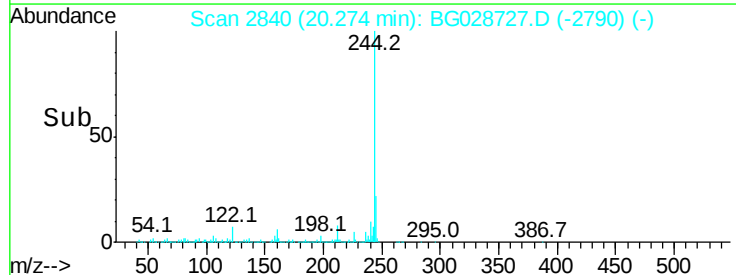
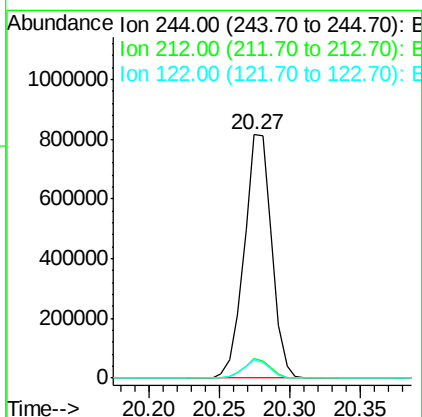
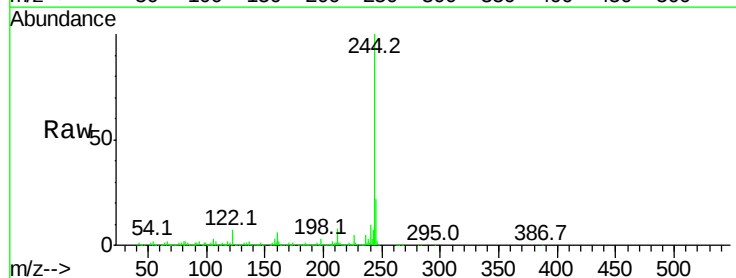
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

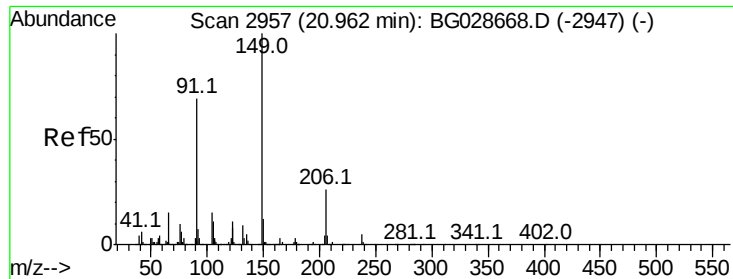
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 19.6  | 29.4  |
| 203     | 19.5  | 15.8  | 23.8  |



#78  
Terphenyl-d14  
Concen: 79.143 ng  
RT: 20.27 min Scan# 2840  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 10.0  | 15.0# |
| 122     | 7.3   | 8.6   | 12.8# |

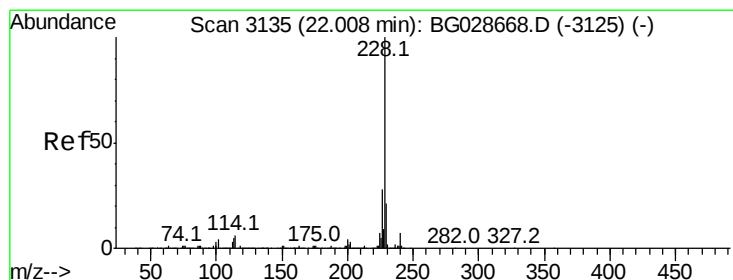
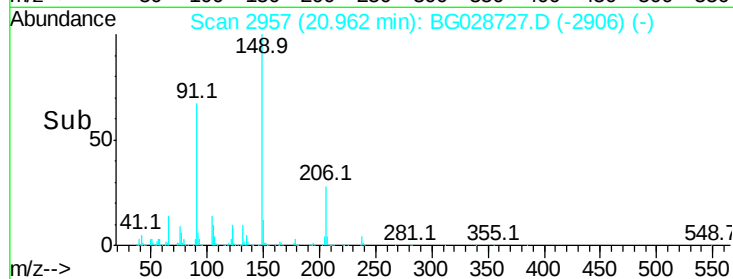
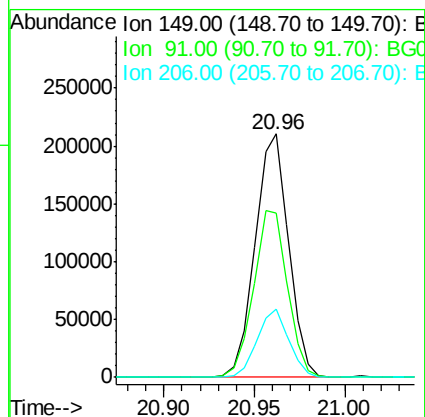
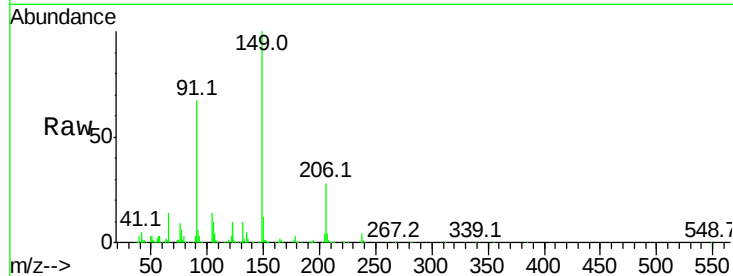




#79  
Butylbenzylphthalate  
Concen: 38.684 ng  
RT: 20.96 min Scan# 2957  
Delta R.T. -0.00 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

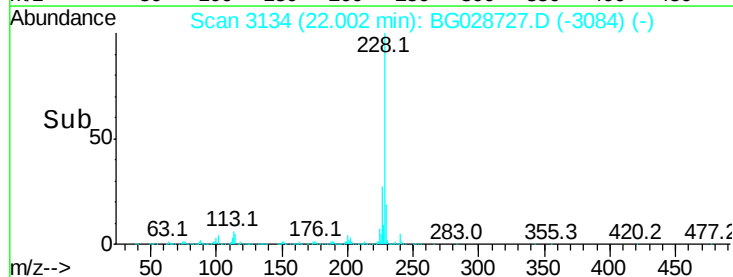
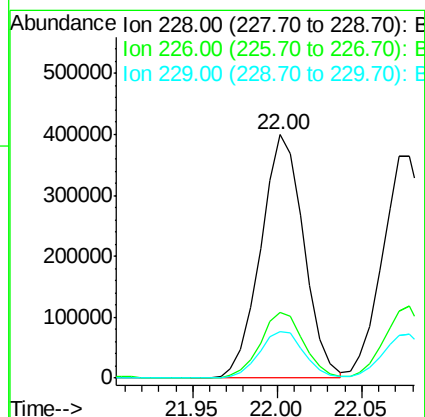
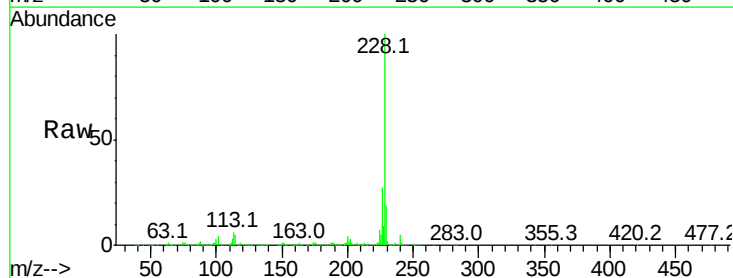
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:149 Resp: 269086  
Ion Ratio Lower Upper  
149 100  
91 67.2 63.5 95.3  
206 27.8 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 39.350 ng  
RT: 22.00 min Scan# 3134  
Delta R.T. -0.01 min  
Lab File: BG028727.D  
Acq: 14 Sep 2017 11:21

Tgt Ion:228 Resp: 707287  
Ion Ratio Lower Upper  
228 100  
226 27.1 24.9 37.3  
229 19.2 18.2 27.2

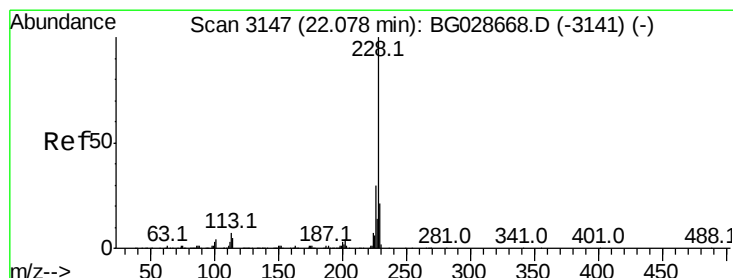
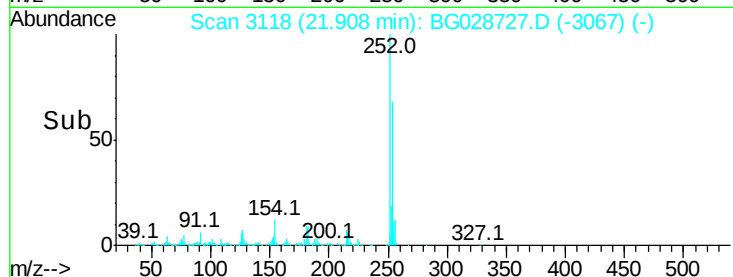
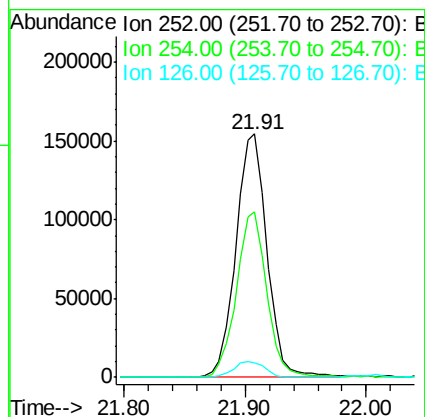
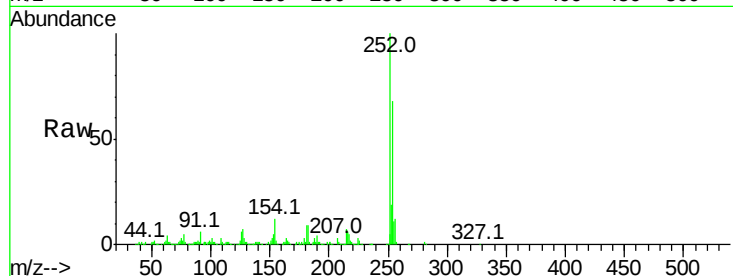




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.021 ng  
 RT: 21.91 min Scan# 3118  
 Delta R.T. -0.00 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

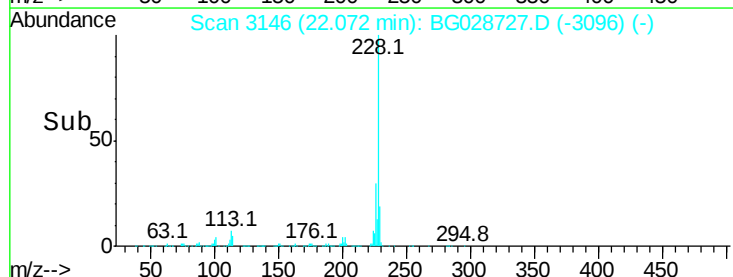
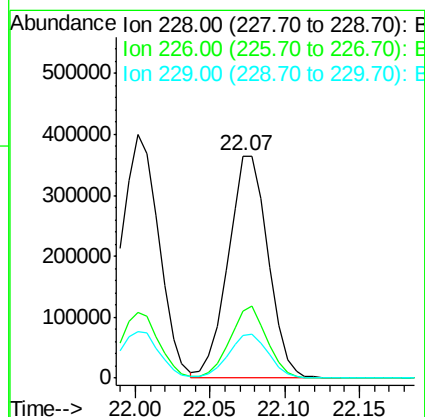
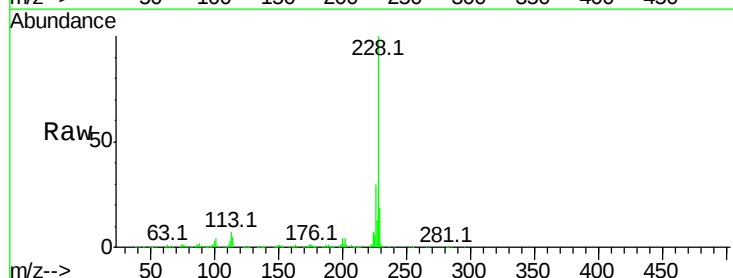
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

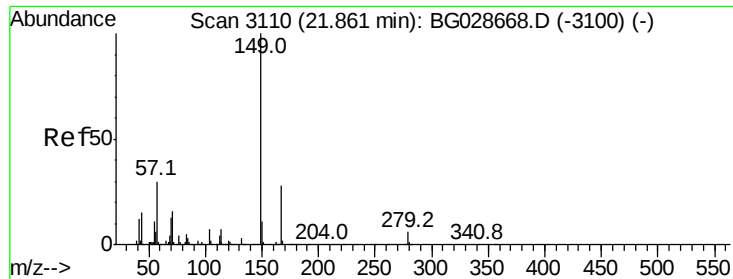
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.9  | 53.1  | 79.7  |
| 126     | 6.1   | 7.0   | 10.4  |



#82  
 Chrysene  
 Concen: 39.663 ng  
 RT: 22.07 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG028727.D  
 Acq: 14 Sep 2017 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 27.0  | 40.4  |
| 229     | 19.4  | 17.8  | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.885 ng

RT: 21.85 min Scan# 3109

Delta R.T. -0.01 min

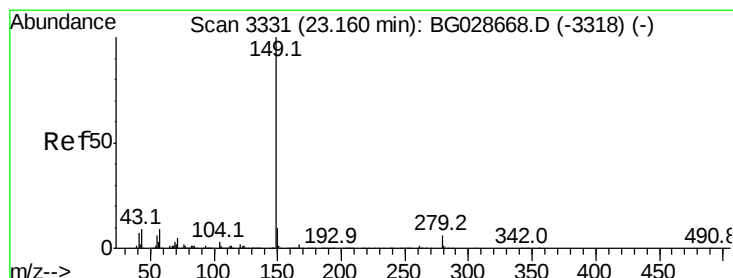
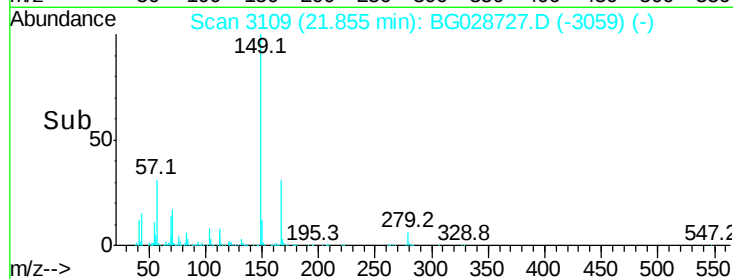
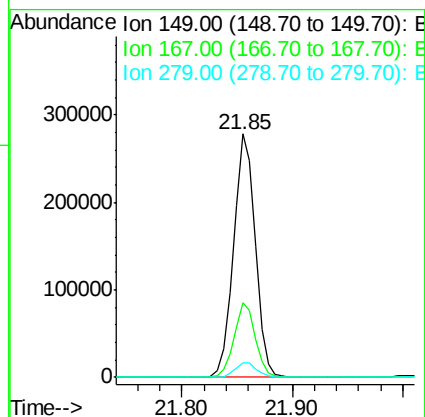
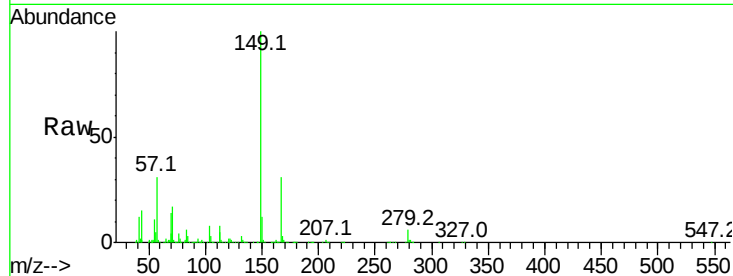
Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:149 Resp: 384540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.5  | 23.7  | 35.5  |
| 279 | 5.9   | 4.6   | 6.8   |



#84

Di-n-octyl phthalate

Concen: 39.312 ng

RT: 23.15 min Scan# 3330

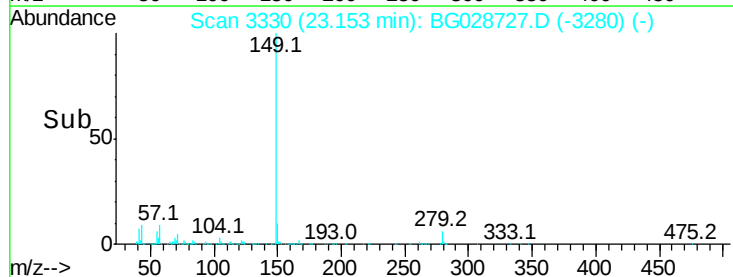
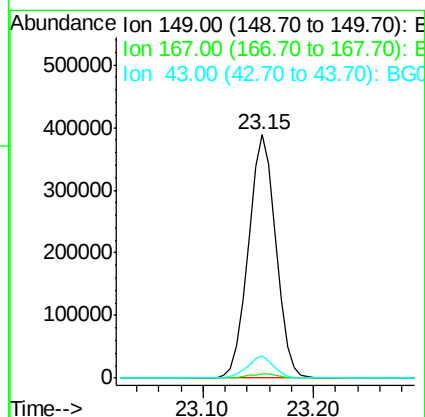
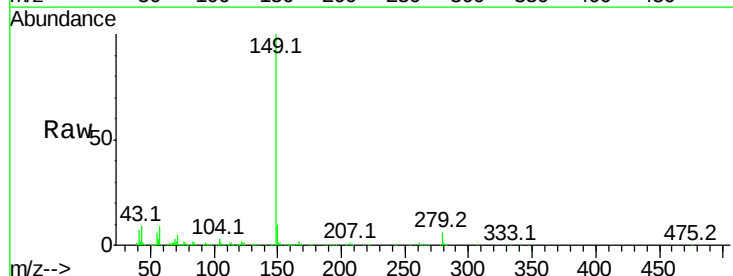
Delta R.T. -0.01 min

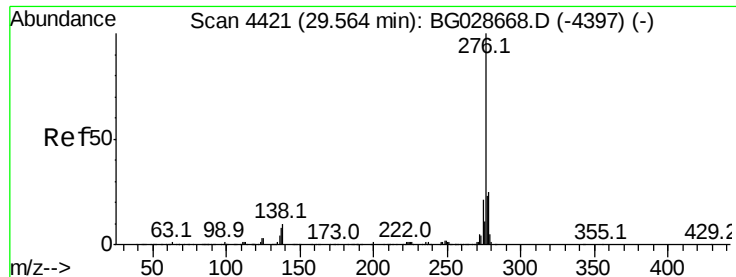
Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Tgt Ion:149 Resp: 679240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.4   | 2.2   |
| 43  | 8.9   | 11.8  | 17.6  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.950 ng

RT: 29.55 min Scan# 4419

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

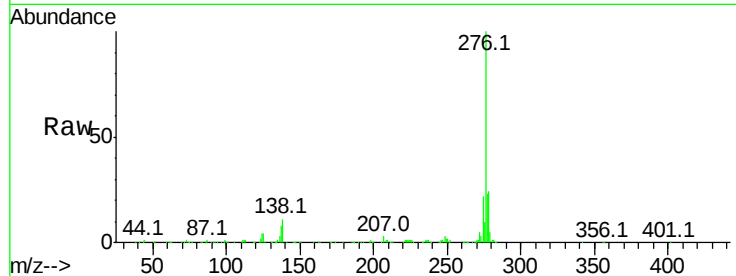
Tot Ion:276 Resp: 853488

Ion Ratio Lower Upper

276 100

138 6.2 4.7 7.1

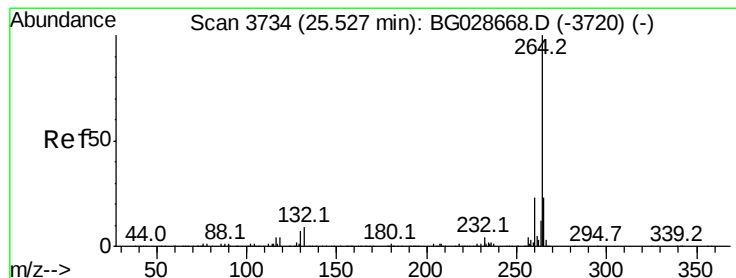
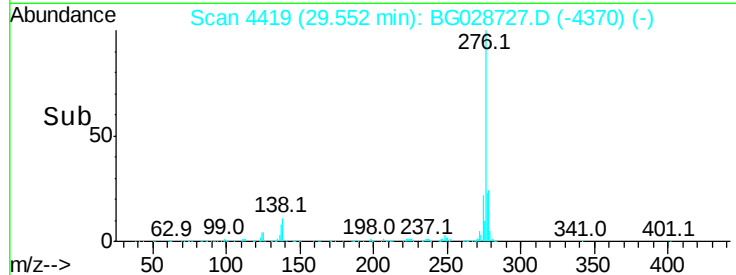
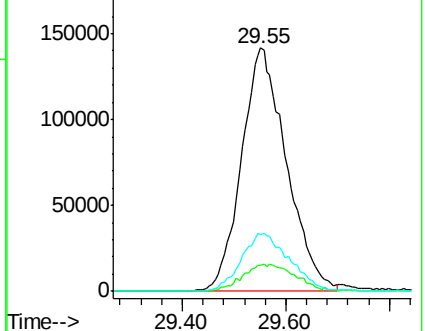
277 25.8 20.6 31.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

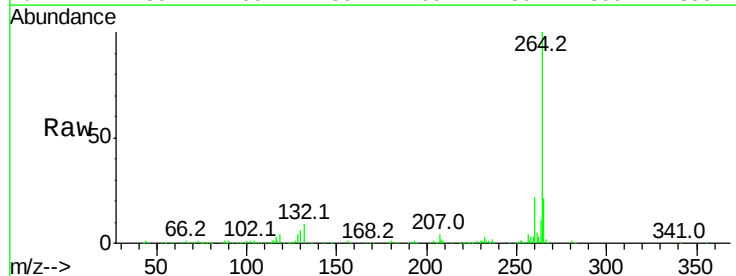
Tgt Ion:264 Resp: 309873

Ion Ratio Lower Upper

264 100

260 22.1 21.8 32.8

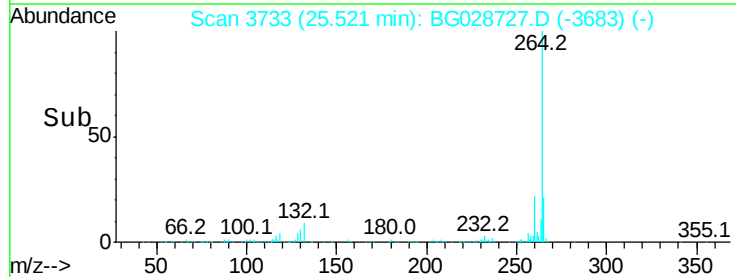
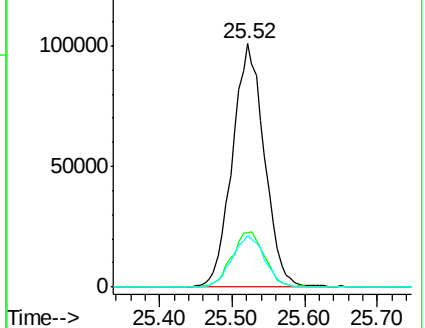
265 21.2 18.2 27.4

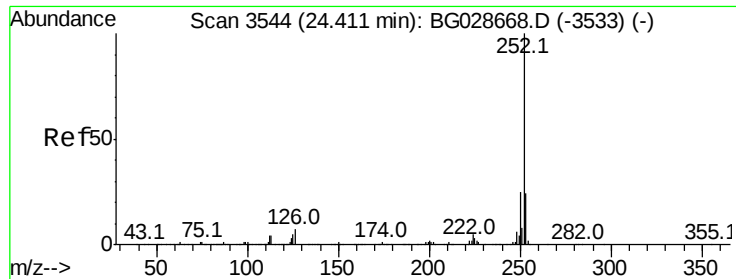


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.930 ng

RT: 24.40 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

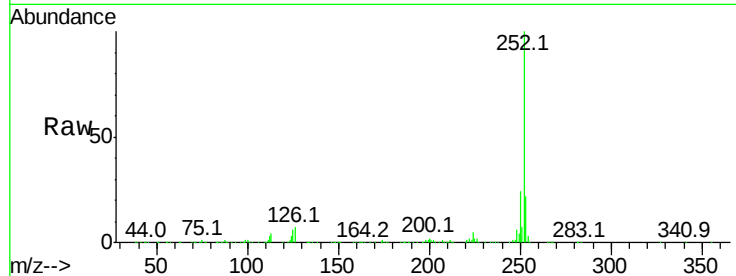
Tot Ion:252 Resp: 722738

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

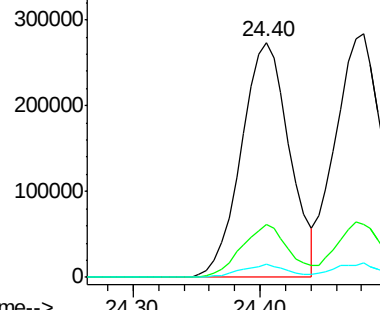
125 5.7 5.3 7.9



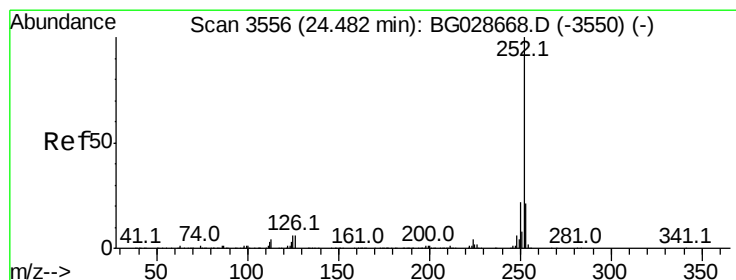
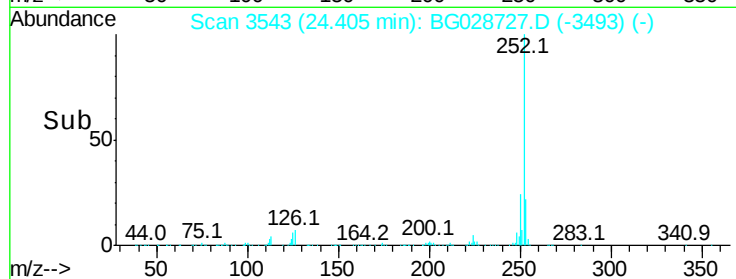
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 39.403 ng

RT: 24.48 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

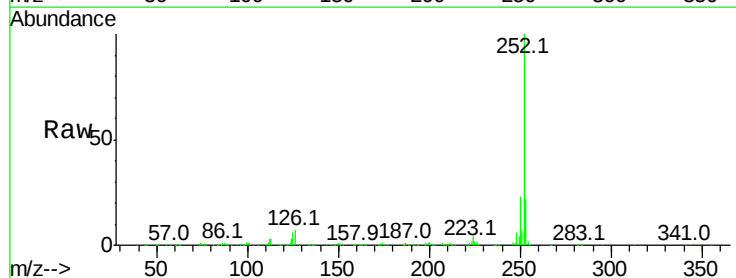
Tgt Ion:252 Resp: 730705

Ion Ratio Lower Upper

252 100

253 22.0 20.2 30.2

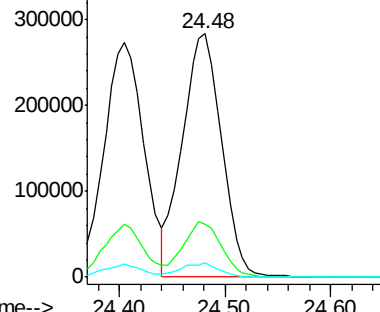
125 5.8 5.1 7.7



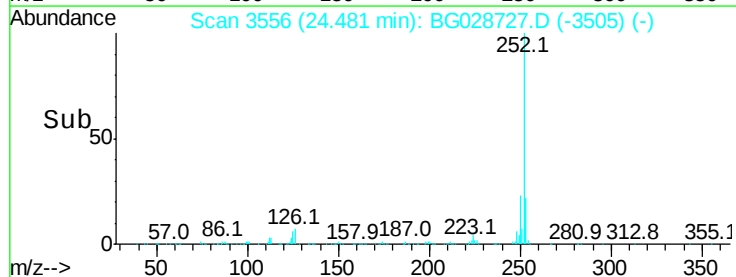
Abundance Ion 252.00 (251.70 to 252.70): E

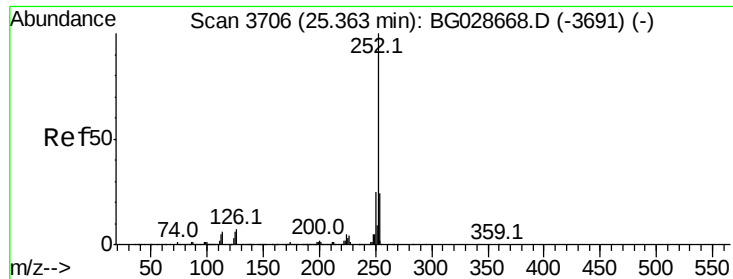
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 39.427 ng

RT: 25.36 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

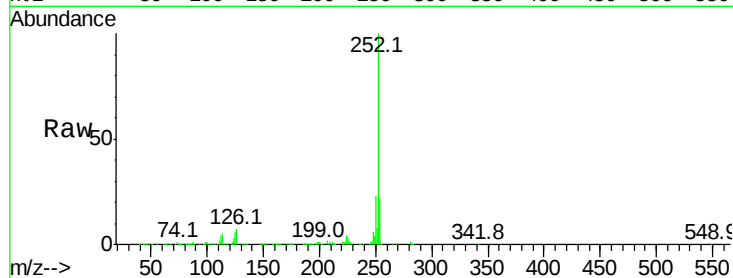
Tot Ion:252 Resp: 694787

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

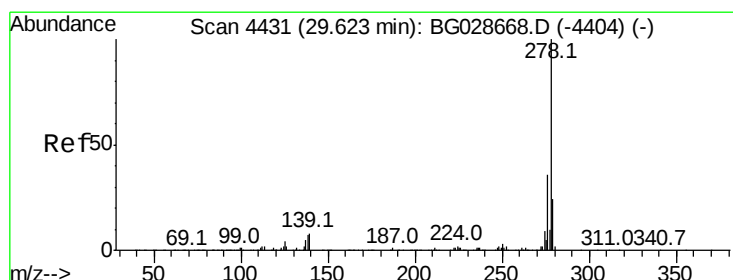
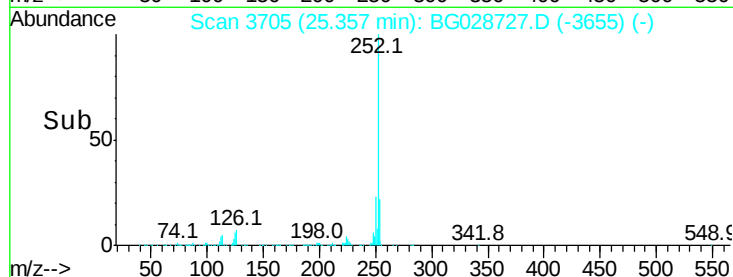
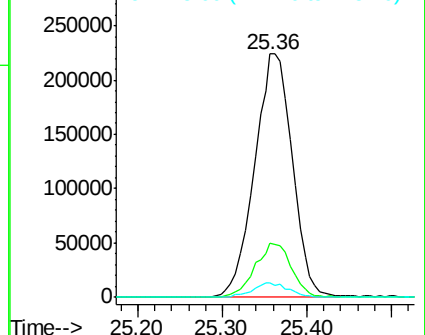
125 5.9 5.4 8.0



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



#90

Dibenzo(a,h)anthracene

Concen: 38.984 ng

RT: 29.60 min Scan# 4428

Delta R.T. -0.02 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

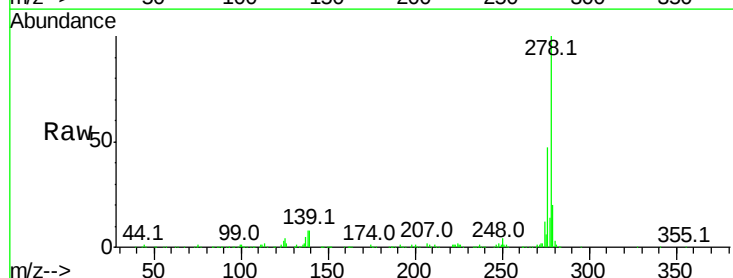
Tgt Ion:278 Resp: 716210

Ion Ratio Lower Upper

278 100

139 7.8 7.7 11.5

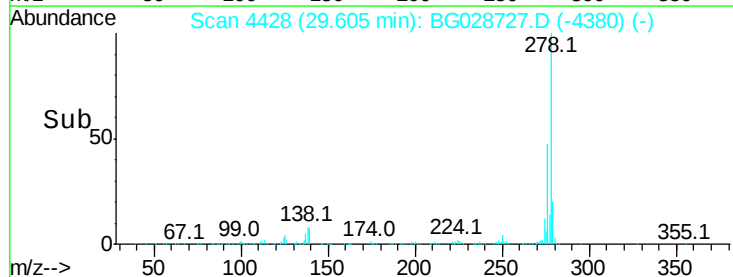
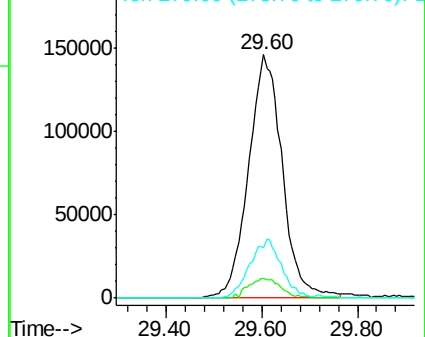
279 20.5 19.1 28.7

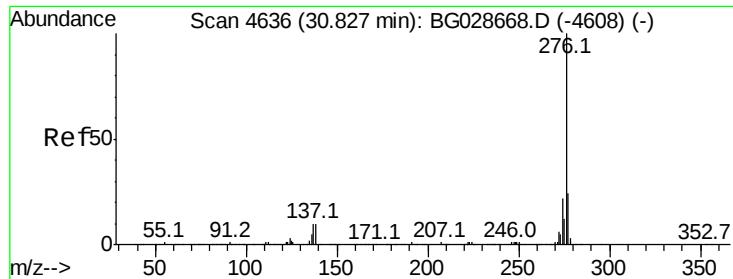


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.048 ng

RT: 30.82 min Scan# 4635

Delta R.T. -0.01 min

Lab File: BG028727.D

Acq: 14 Sep 2017 11:21

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

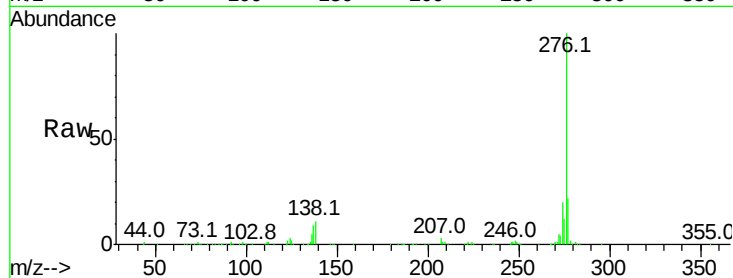
Tot Ion:276 Resp: 699977

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 10.9 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

