

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\  
 Data File : BG038440.D  
 Acq On : 10 Dec 2018 15:41  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 10 16:33:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 32054    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 142747   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 92784    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 221293   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 208940   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.04 | 264  | 223363   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 143972 | 79.48 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 209534 | 80.04 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 221225 | 76.94 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 99284  | 87.16 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 522019 | 80.17 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 756854 | 77.60 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 30079  | 36.233 | ng | 93     |
| 3) Pyridine                    | 3.91  | 79  | 89520  | 36.044 | ng | # 91   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 44526  | 40.928 | ng | # 79   |
| 6) Aniline                     | 7.39  | 93  | 133144 | 39.819 | ng | 99     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 87384  | 41.539 | ng | 97     |
| 9) Benzaldehyde                | 7.21  | 77  | 63279  | 38.171 | ng | 96     |
| 10) Phenol                     | 7.25  | 94  | 110460 | 39.934 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 89411  | 39.469 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 98264  | 39.967 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 99613  | 39.158 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 94251  | 40.295 | ng | 99     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 81498  | 37.865 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 197385 | 38.307 | ng | 97     |
| 17) 2-Methylphenol             | 8.51  | 107 | 76243  | 39.258 | ng | 96     |
| 18) Hexachloroethane           | 9.15  | 117 | 36726  | 40.000 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 76193  | 39.810 | ng | 90     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 108386 | 38.895 | ng | 94     |
| 22) Acetophenone               | 8.90  | 105 | 139167 | 40.416 | ng | 96     |
| 24) Nitrobenzene               | 9.29  | 77  | 112864 | 38.637 | ng | 98     |
| 25) Isophorone                 | 9.80  | 82  | 189469 | 37.498 | ng | 97     |
| 26) 2-Nitrophenol              | 10.00 | 139 | 56493  | 41.738 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 82060  | 42.210 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 116798 | 40.322 | ng | 94     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 96307  | 43.398 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 107232 | 41.163 | ng | 99     |
| 31) Naphthalene                | 10.94 | 128 | 274657 | 40.280 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 46273  | 34.962 | ng | 97     |
| 33) 4-Chloroaniline            | 11.06 | 127 | 127877 | 42.364 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 70712  | 43.388 | ng | 99     |
| 35) Caprolactam                | 11.84 | 113 | 36884  | 40.192 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107 | 107674 | 43.669 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 201510 | 41.498 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 191358 | 41.145 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 133597 | 41.845 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\  
 Data File : BG038440.D  
 Acq On : 10 Dec 2018 15:41  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

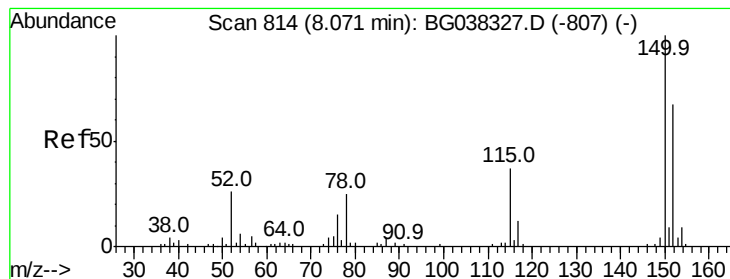
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 10 16:33:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 66597    | 37.958 | nq    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 85001    | 41.099 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 93019    | 42.455 | nq    | 94       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 303621   | 38.713 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 233017   | 39.373 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 81260    | 40.926 | nq    | 98       |
| 49) Acenaphthylene             | 14.43 | 152  | 354643   | 39.788 | nq    | 98       |
| 50) Dimethylphthalate          | 14.16 | 163  | 298190   | 40.068 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 68809    | 40.476 | nq    | 98       |
| 52) Acenaphthene               | 14.77 | 154  | 213304   | 39.255 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 72679    | 39.696 | nq    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 33078    | 35.495 | nq    | 92       |
| 55) Dibenzofuran               | 15.10 | 168  | 360240   | 40.101 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 51417    | 35.551 | nq    | 84       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 95284    | 40.638 | nq    | # 96     |
| 58) Fluorene                   | 15.75 | 166  | 265904   | 40.177 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 78312    | 41.154 | nq    | 98       |
| 60) Diethylphthalate           | 15.51 | 149  | 317972   | 38.566 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 164907   | 41.483 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.79 | 138  | 71637    | 39.781 | nq    | 86       |
| 63) Azobenzene                 | 16.03 | 77   | 280528   | 38.877 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 60949    | 42.036 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 262166   | 42.130 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 108614   | 45.450 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.75 | 284  | 108546   | 44.036 | nq    | 97       |
| 69) Atrazine                   | 16.90 | 200  | 98727    | 42.518 | nq    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 66633    | 39.467 | nq    | 98       |
| 71) Phenanthrene               | 17.49 | 178  | 450856   | 40.683 | nq    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 447670   | 41.713 | nq    | 100      |
| 73) Carbazole                  | 17.87 | 167  | 442231   | 41.518 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 504150   | 40.514 | nq    | 98       |
| 75) Fluoranthene               | 19.50 | 202  | 530088   | 40.940 | nq    | 97       |
| 77) Benzidine                  | 19.69 | 184  | 232414   | 32.964 | nq    | 98       |
| 78) Pyrene                     | 19.87 | 202  | 536038   | 36.667 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 222284   | 37.804 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 505228   | 39.343 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 200715   | 40.179 | nq    | 98       |
| 83) Chrysene                   | 21.78 | 228  | 478757   | 39.397 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 314144   | 37.694 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.81 | 149  | 528114   | 36.957 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 551598   | 39.940 | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.98 | 252  | 486704   | 38.564 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 488606   | 38.871 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 474653   | 38.773 | nq    | # 95     |
| 91) Dibenzo(a,h)anthracene     | 28.89 | 278  | 455990   | 39.273 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.03 | 276  | 455394   | 39.532 | nq    | # 94     |

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



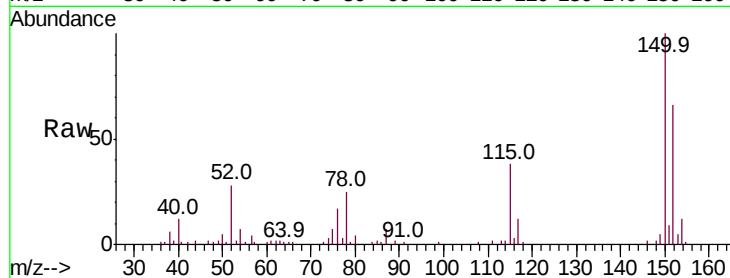


#1

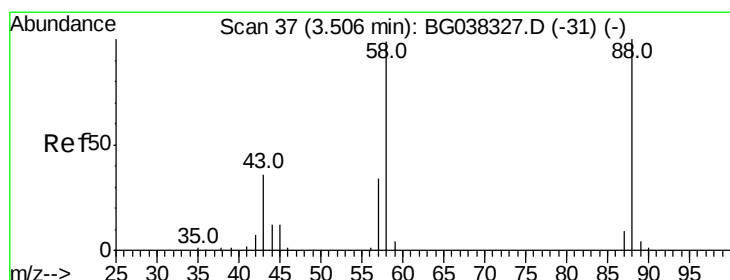
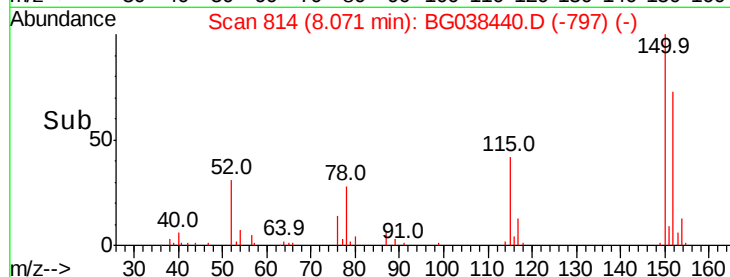
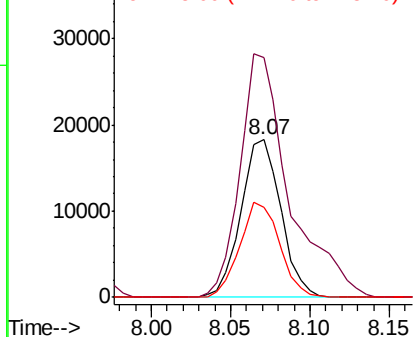
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.07 min Scan# 814  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:152 Resp: 32054  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 126.0 189.0  
 115 57.4 45.5 68.3



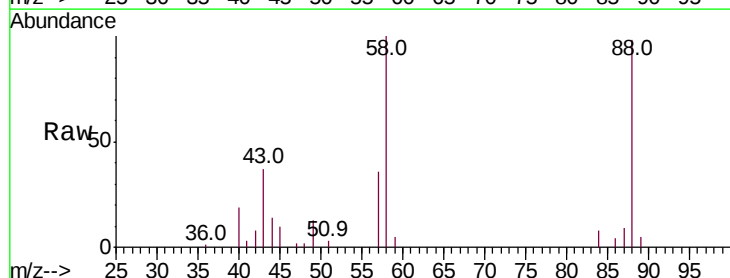
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



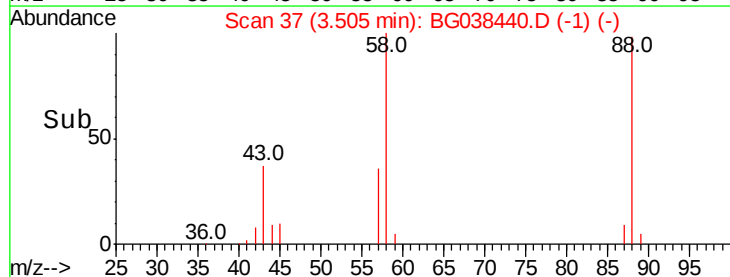
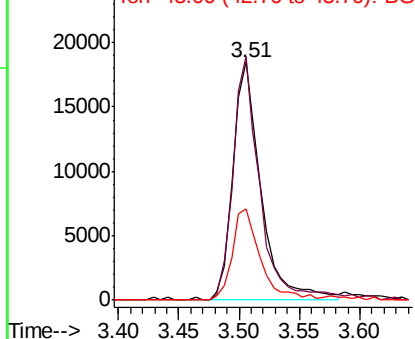
#2

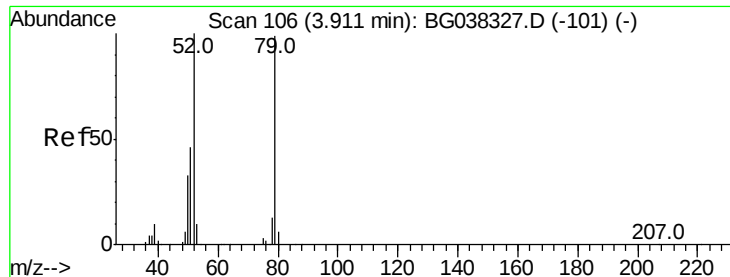
1,4-Dioxane  
 Concen: 36.233 ng  
 RT: 3.51 min Scan# 37  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Tgt Ion: 88 Resp: 30079  
 Ion Ratio Lower Upper  
 88 100  
 58 98.9 74.4 111.6  
 43 38.2 25.8 38.8



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





#3

Pvridine

Concen: 36.044 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

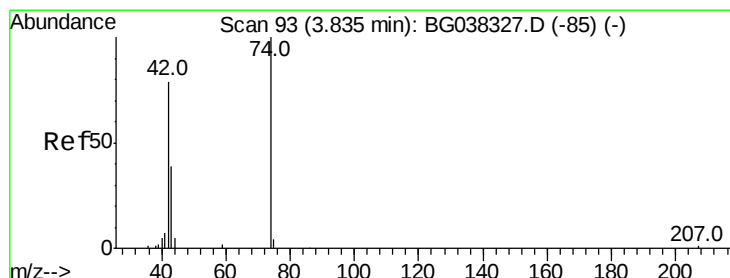
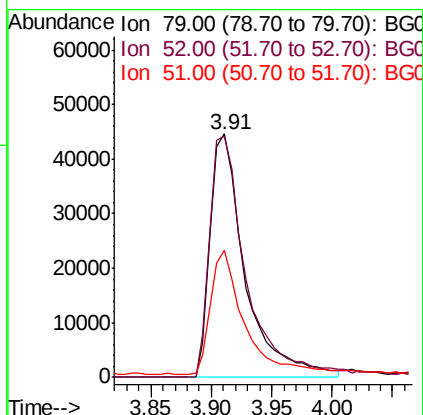
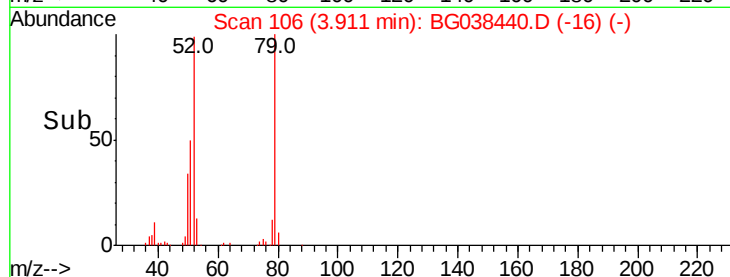
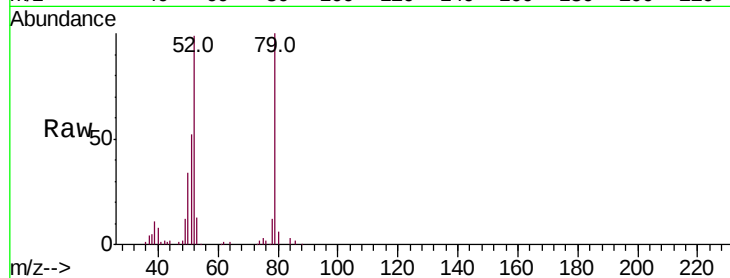
Tot Ion: 79 Resp: 89520

Ion Ratio Lower Upper

79 100

52 99.1 74.2 111.2

51 52.0 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 40.928 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

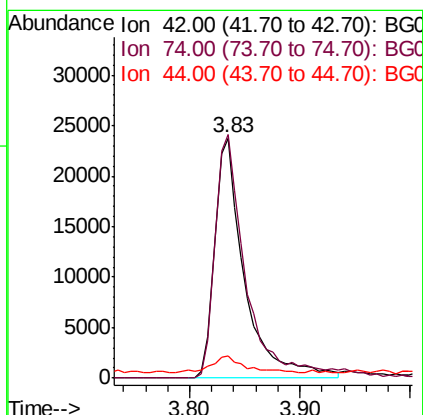
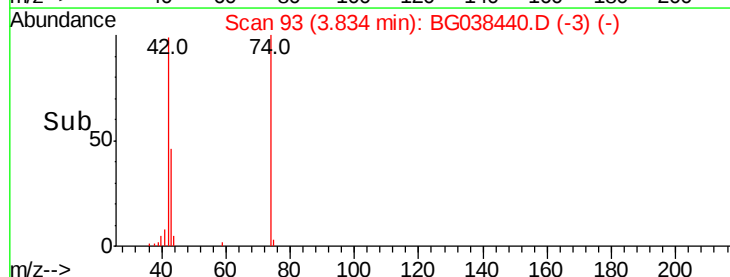
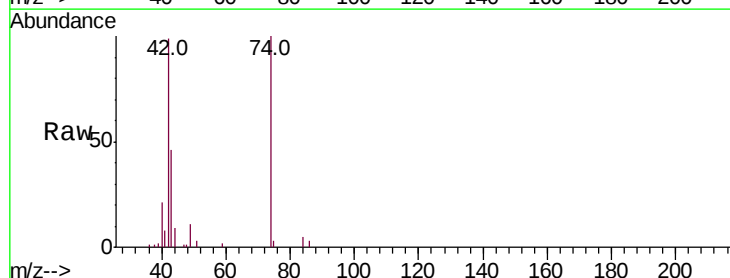
Tgt Ion: 42 Resp: 44526

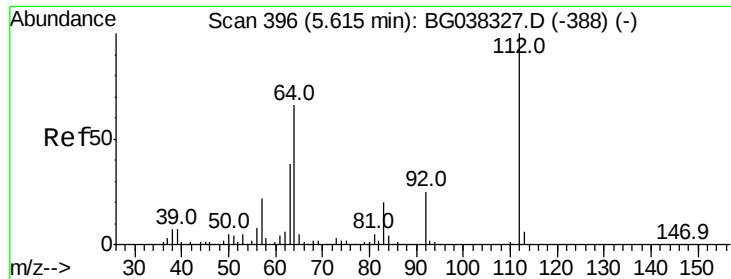
Ion Ratio Lower Upper

42 100

74 101.3 102.0 153.0#

44 9.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 79.484 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

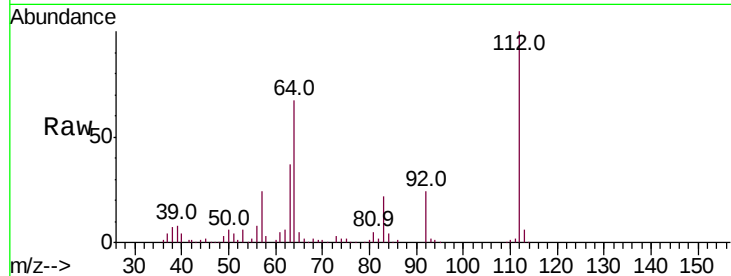
Tot Ion:112 Resp: 143972

Ion Ratio Lower Upper

112 100

64 67.2 53.1 79.7

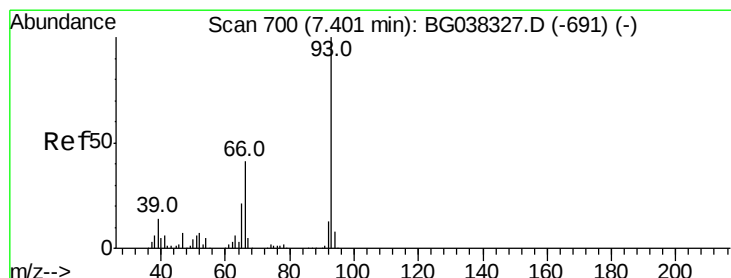
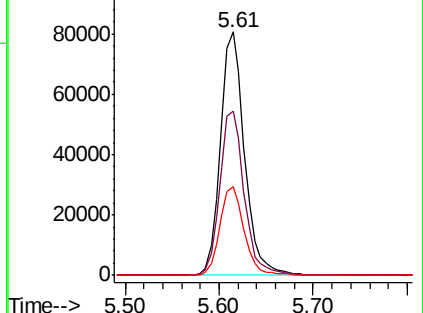
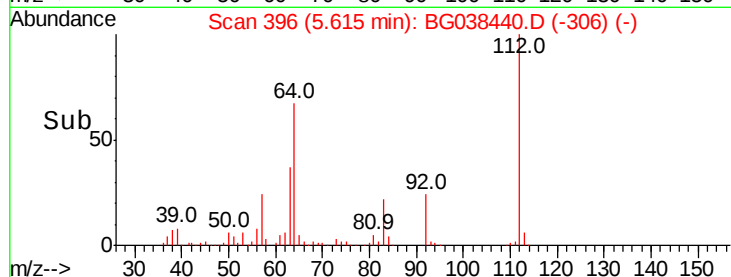
63 36.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.819 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

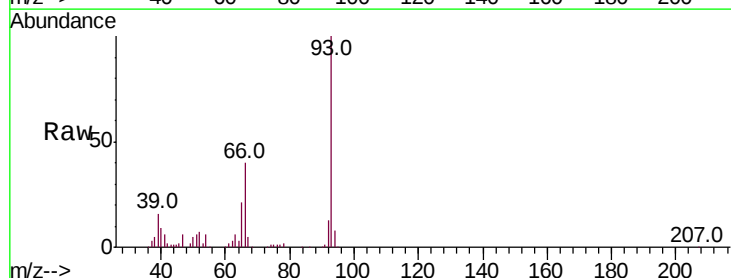
Tgt Ion: 93 Resp: 133144

Ion Ratio Lower Upper

93 100

66 40.3 32.8 49.2

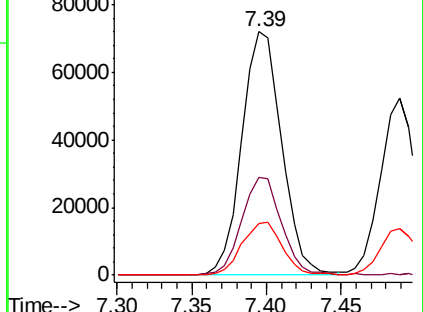
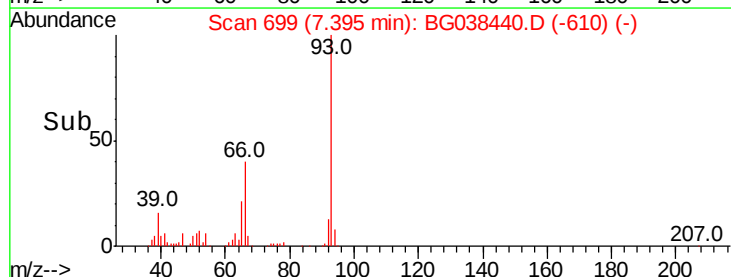
65 21.0 16.4 24.6

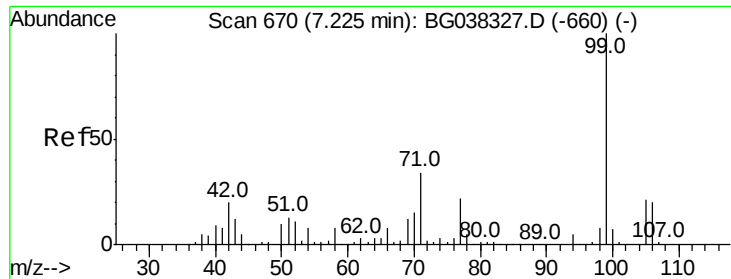


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.037 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

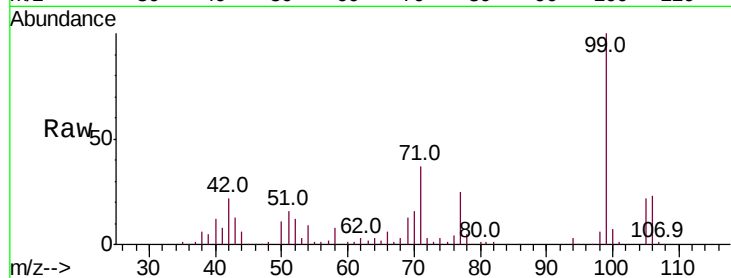
Tot Ion: 99 Resp: 209534

Ion Ratio Lower Upper

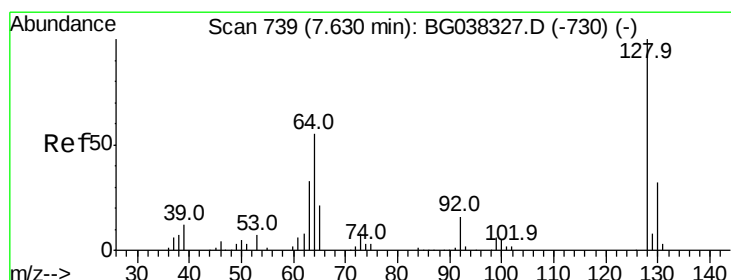
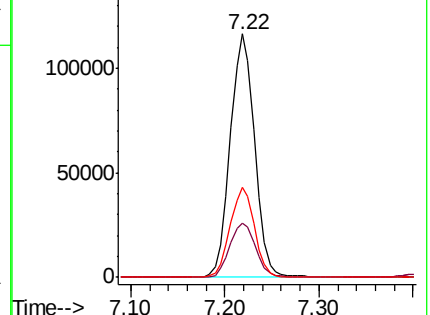
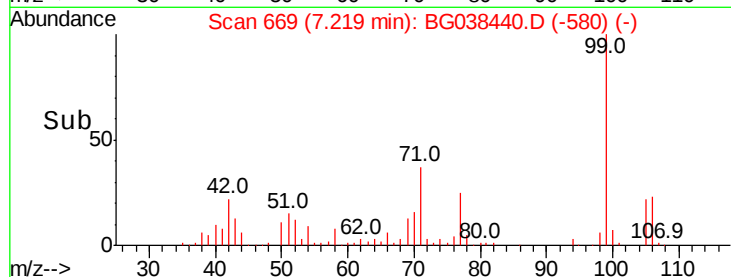
99 100

42 22.1 15.0 22.4

71 37.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.539 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

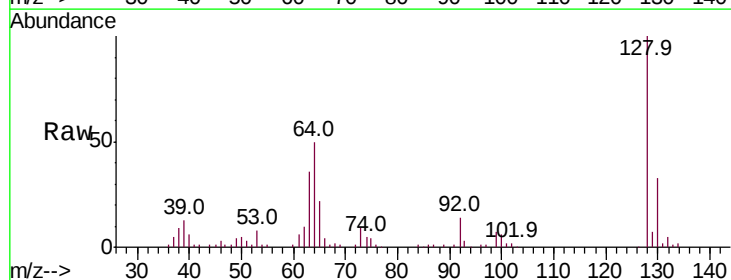
Tgt Ion: 128 Resp: 87384

Ion Ratio Lower Upper

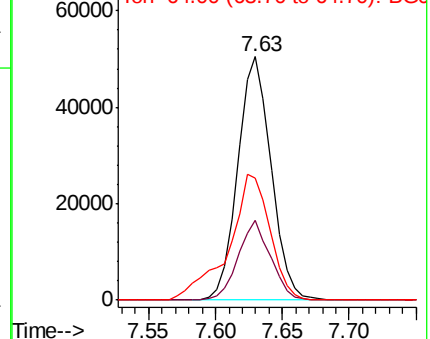
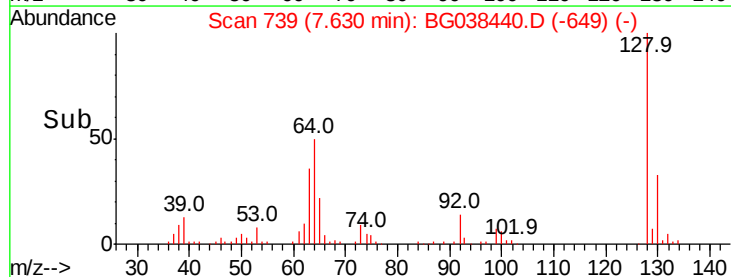
128 100

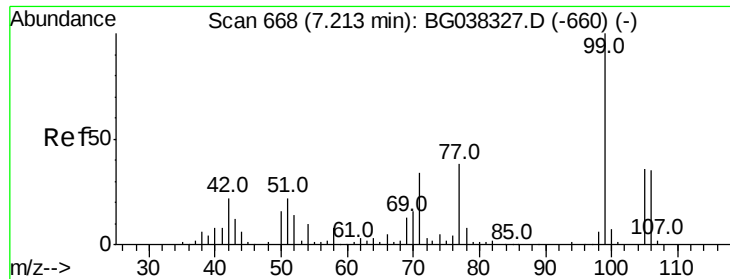
130 32.6 12.0 52.0

64 50.0 32.9 72.9



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

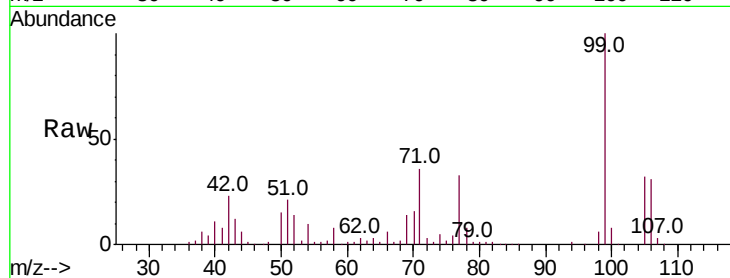




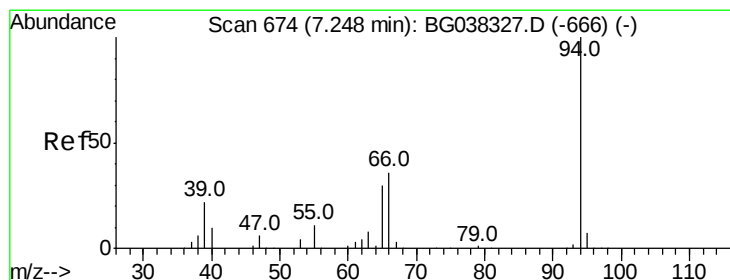
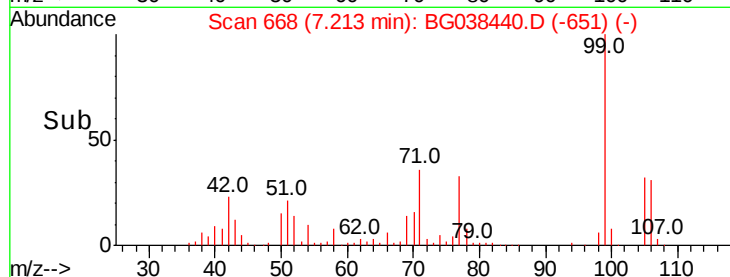
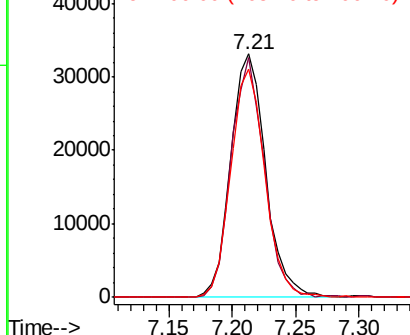
#9  
Benzaldehyde  
Concen: 38.171 ng  
RT: 7.21 min Scan# 668  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 77 Resp: 63279  
Ion Ratio Lower Upper  
77 100  
105 98.4 72.6 112.6  
106 94.0 71.3 111.3

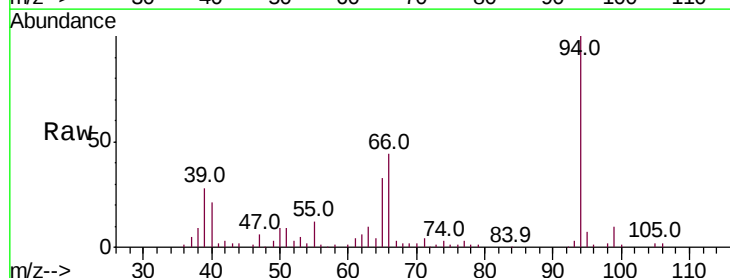


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC

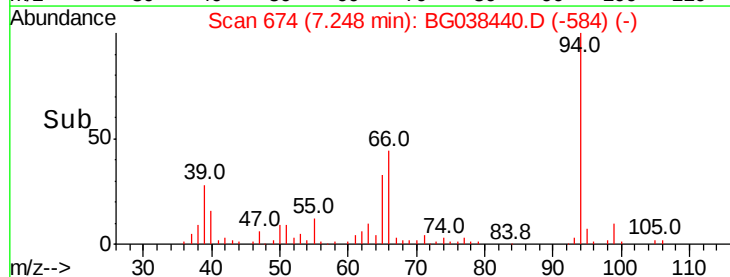
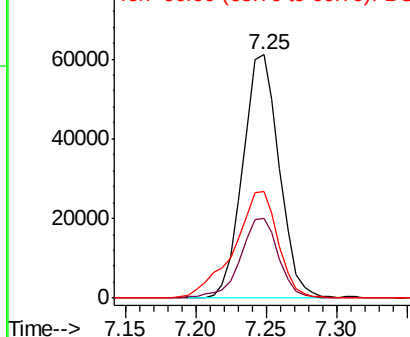


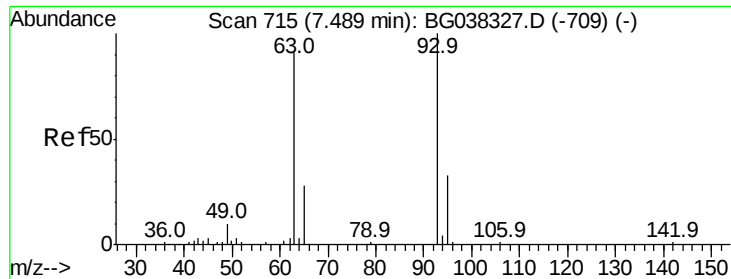
#10  
Phenol  
Concen: 39.934 ng  
RT: 7.25 min Scan# 674  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion: 94 Resp: 110460  
Ion Ratio Lower Upper  
94 100  
65 32.6 9.7 49.7  
66 43.8 15.9 55.9



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

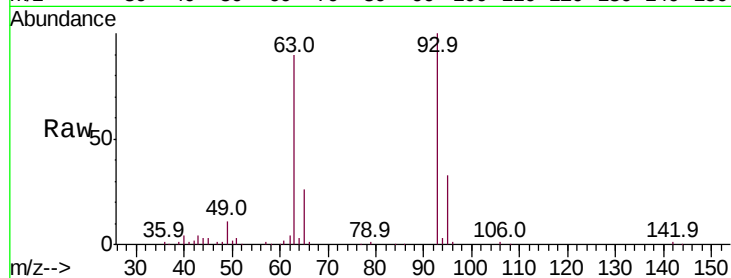




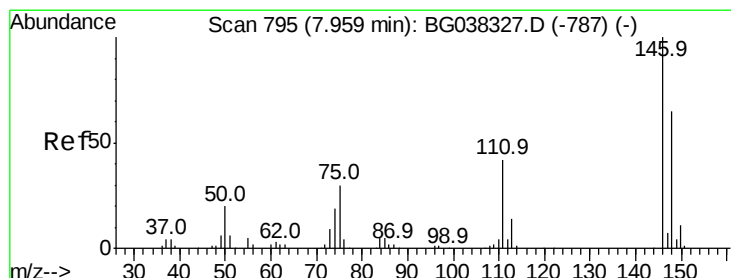
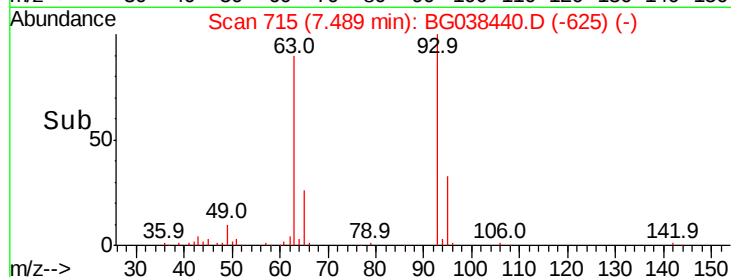
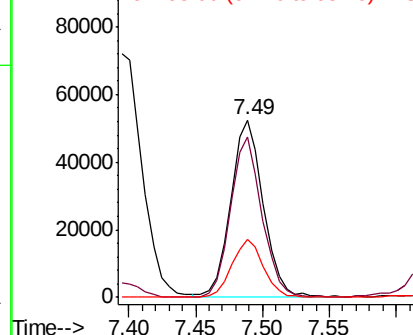
#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.469 ng  
 RT: 7.49 min Scan# 715  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 93 Resp: 89411  
 Ion Ratio Lower Upper  
 93 100  
 63 90.1 69.5 109.5  
 95 32.8 12.6 52.6

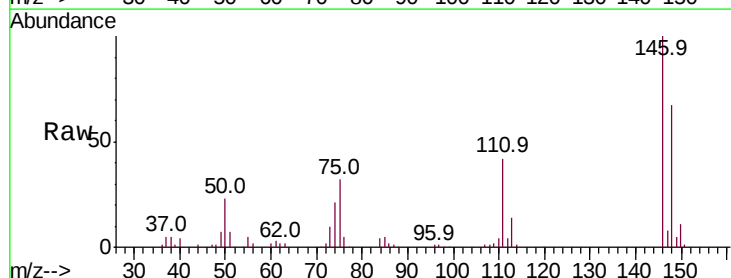


Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC

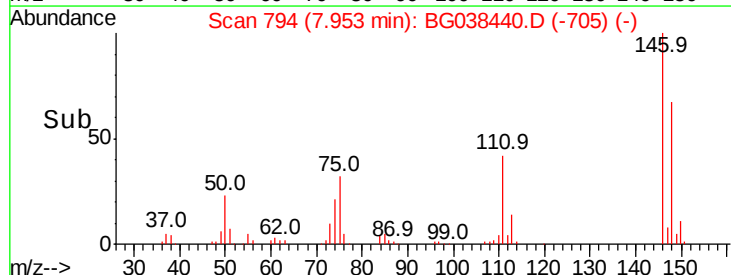
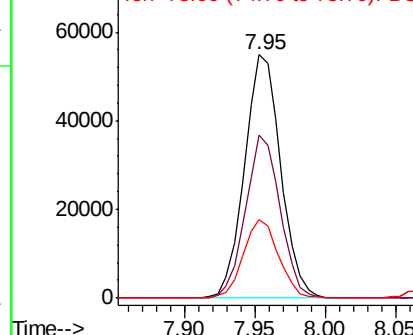


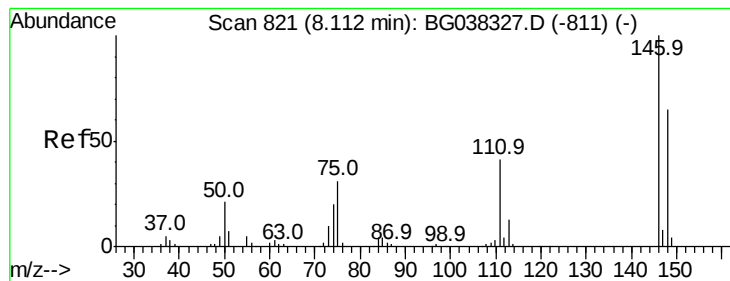
#12  
 1,3-Dichlorobenzene  
 Concen: 39.967 ng  
 RT: 7.95 min Scan# 794  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Tgt Ion: 146 Resp: 98264  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 49.8 74.8  
 75 32.3 23.2 34.8



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





#13

1,4-Dichlorobenzene

Concen: 39.158 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

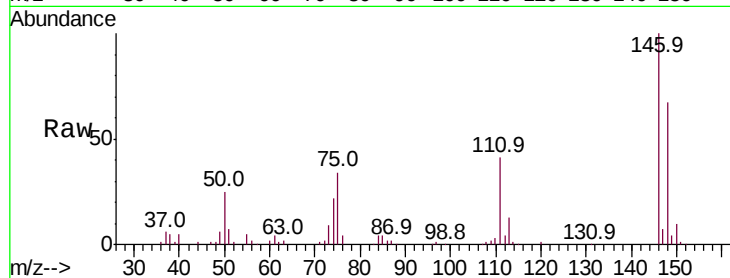
Tot Ion:146 Resp: 99613

Ion Ratio Lower Upper

146 100

148 66.6 51.0 76.6

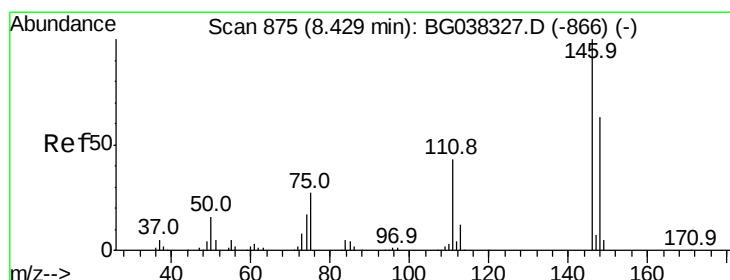
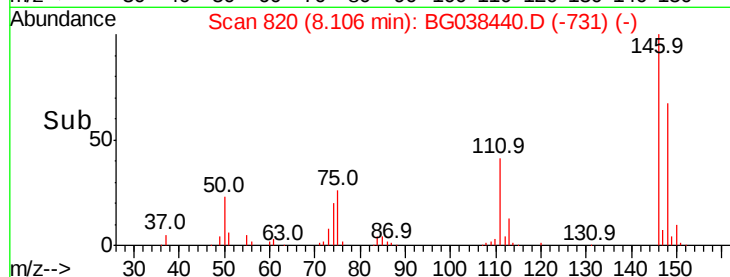
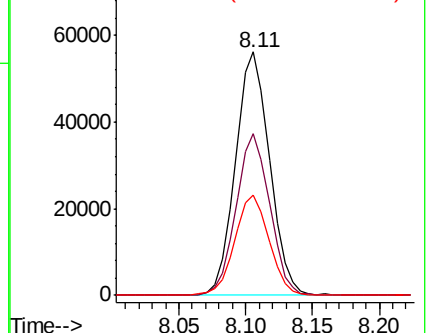
111 41.0 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.295 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

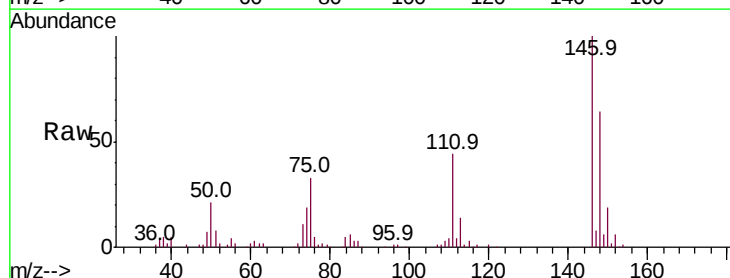
Tgt Ion:146 Resp: 94251

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

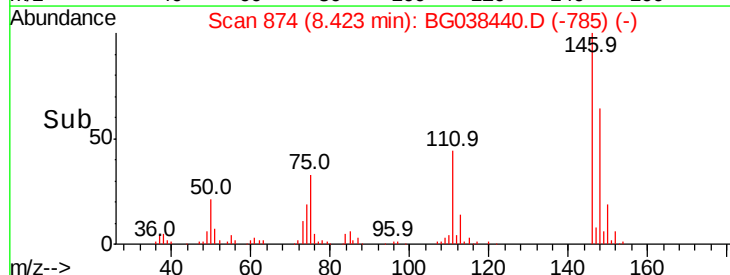
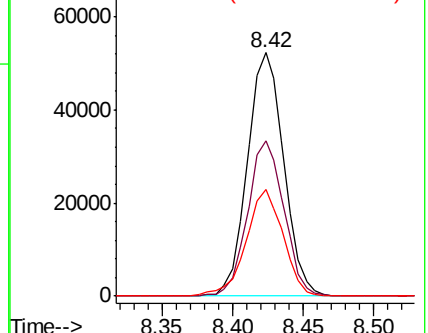
111 43.8 34.6 51.8

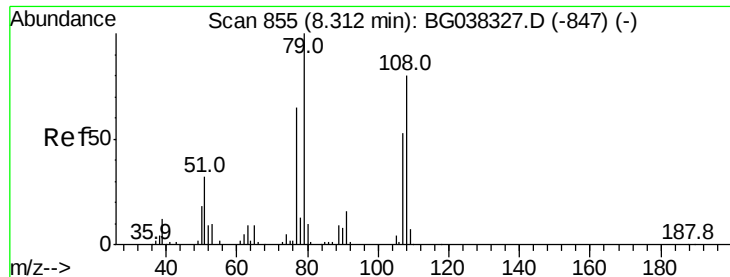


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.865 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

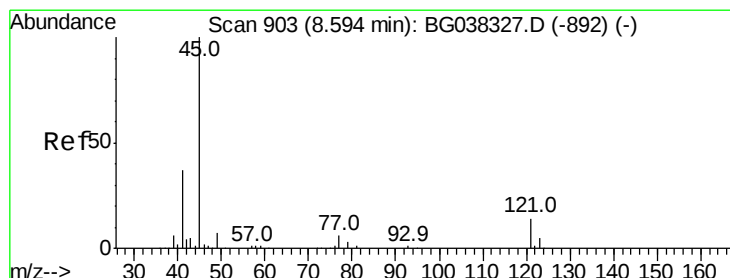
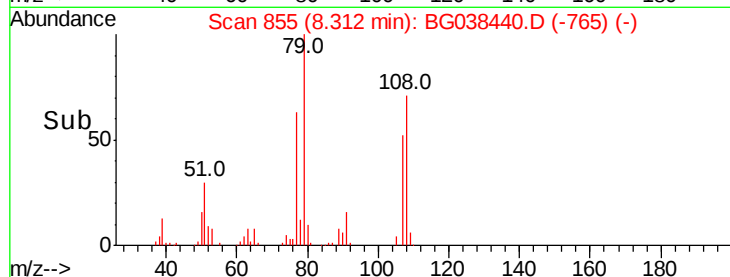
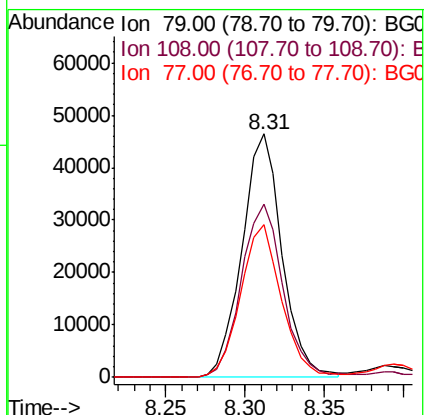
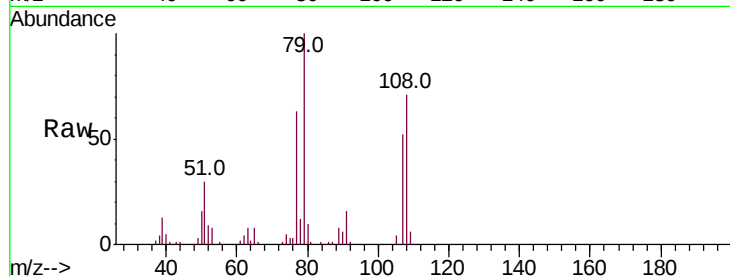
Tot Ion: 79 Resp: 81498

Ion Ratio Lower Upper

79 100

108 71.2 65.8 98.8

77 62.7 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.307 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

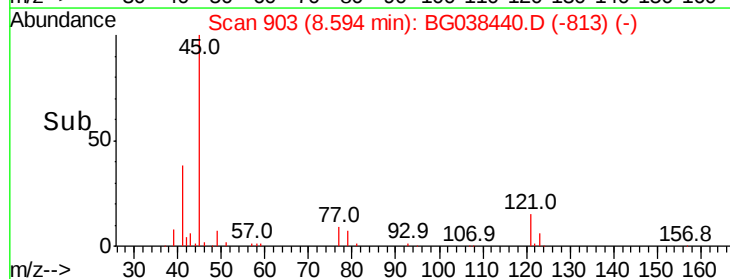
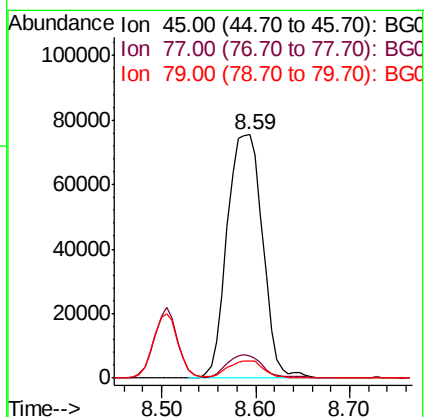
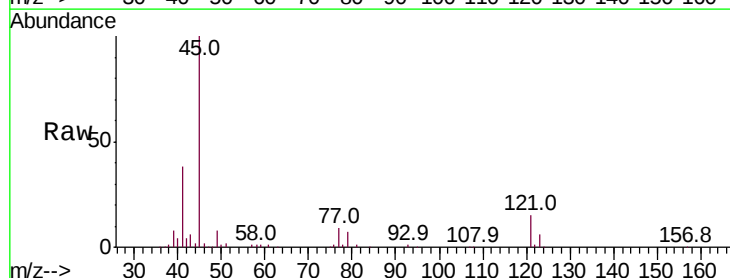
Tgt Ion: 45 Resp: 197385

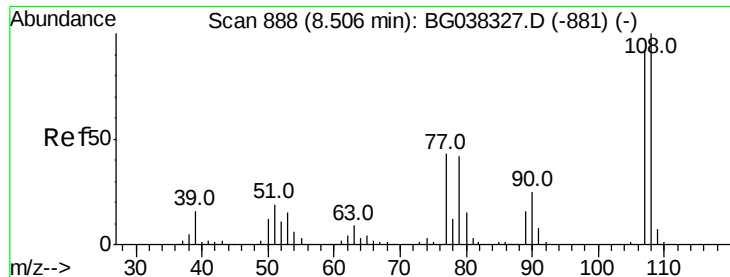
Ion Ratio Lower Upper

45 100

77 9.3 0.0 30.0

79 7.2 0.0 29.0

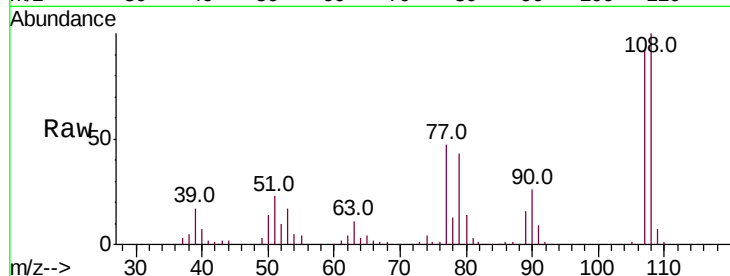




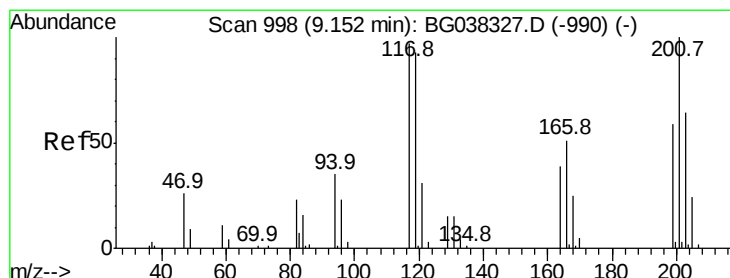
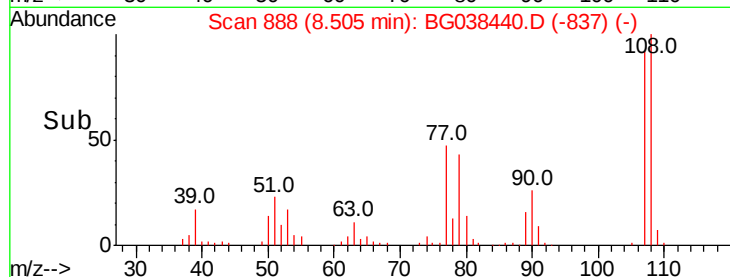
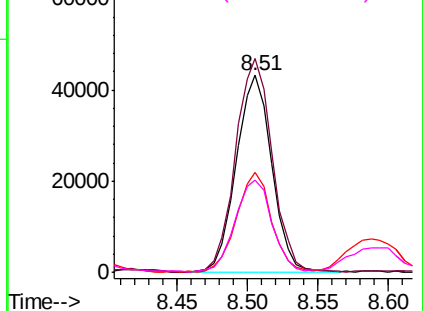
#17  
2-Methylphenol  
Concen: 39.258 ng  
RT: 8.51 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 76243  
Ion Ratio Lower Upper  
107 100  
108 108.7 87.9 131.9  
77 51.1 35.1 52.7  
79 46.7 34.5 51.7

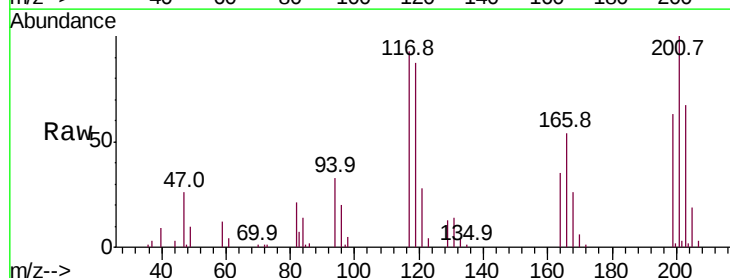


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

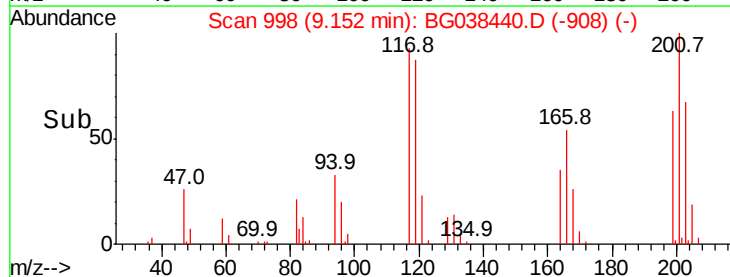
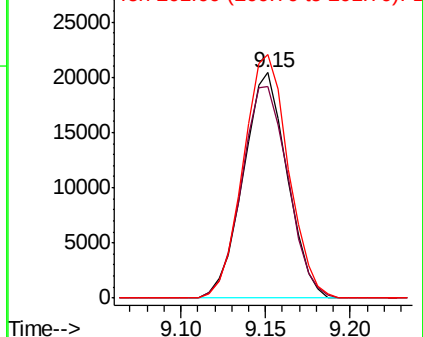


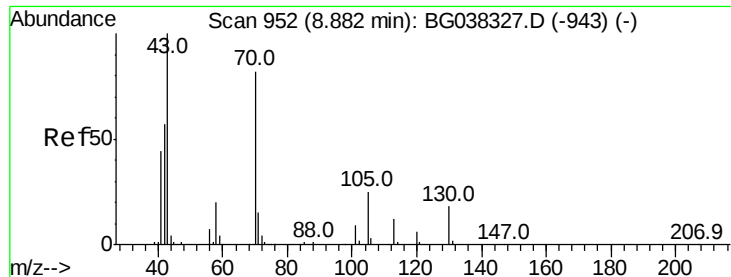
#18  
Hexachloroethane  
Concen: 40.000 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:117 Resp: 36726  
Ion Ratio Lower Upper  
117 100  
119 94.0 74.6 111.8  
201 111.2 80.8 121.2



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

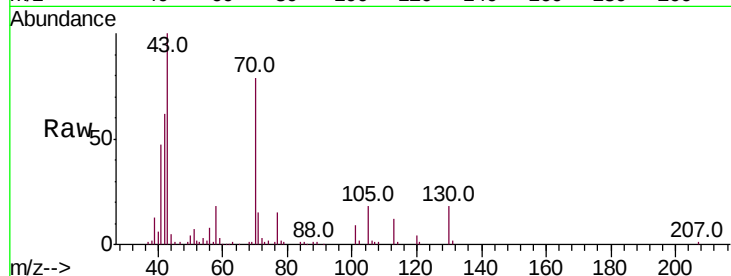




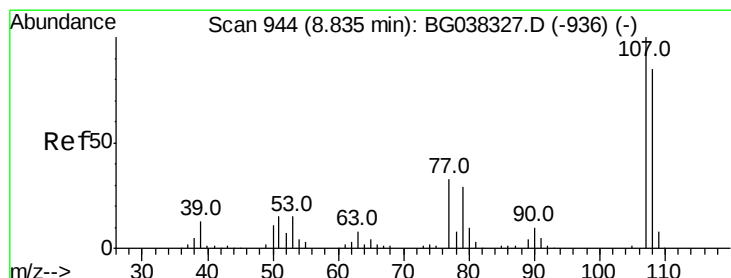
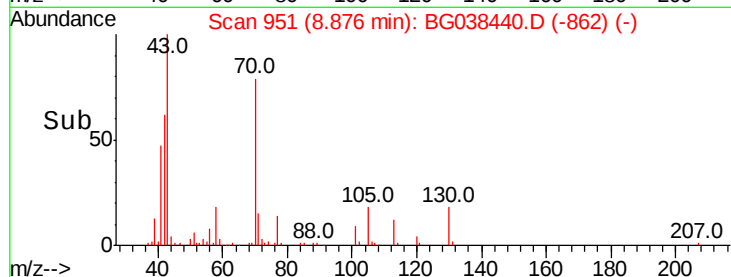
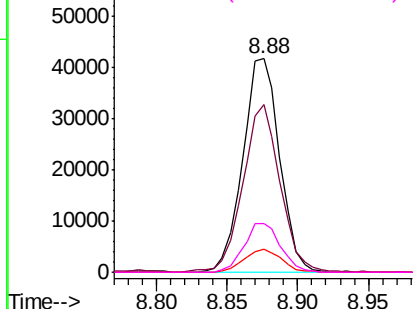
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.810 ng  
RT: 8.88 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 70 Resp: 76193  
Ion Ratio Lower Upper  
70 100  
42 78.6 53.9 80.9  
101 10.7 8.2 12.2  
130 22.6 18.2 27.4

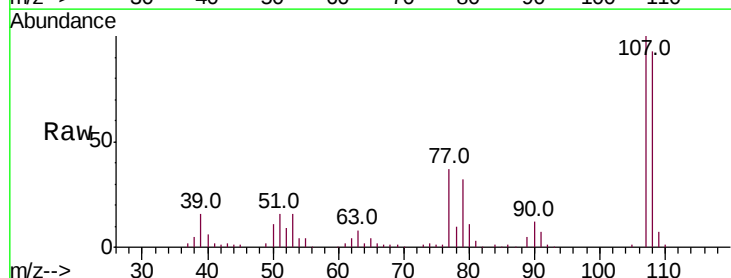


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

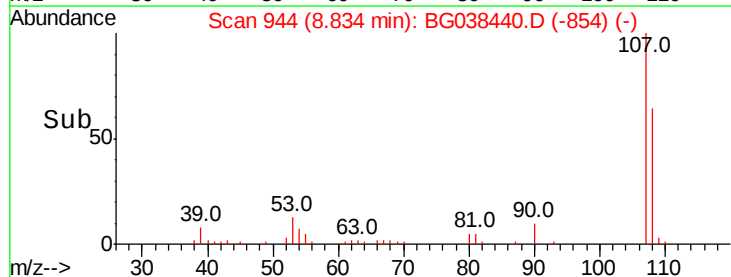
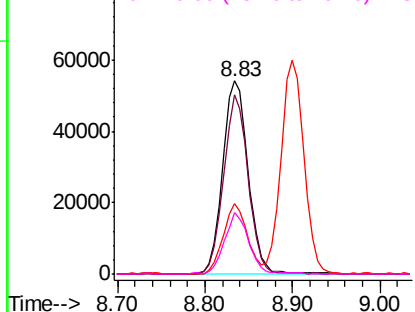


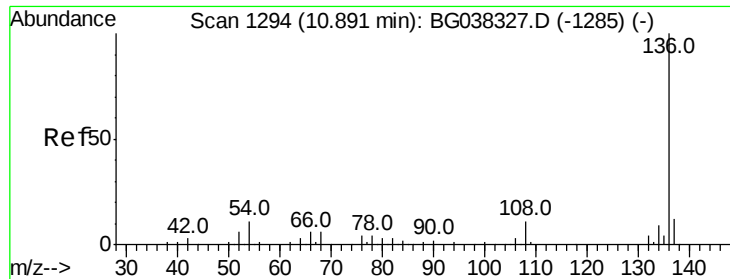
#20  
3+4-Methylphenols  
Concen: 38.895 ng  
RT: 8.83 min Scan# 944  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:107 Resp: 108386  
Ion Ratio Lower Upper  
107 100  
108 93.1 69.9 109.9  
77 36.6 11.2 51.2  
79 31.9 6.6 46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 142747

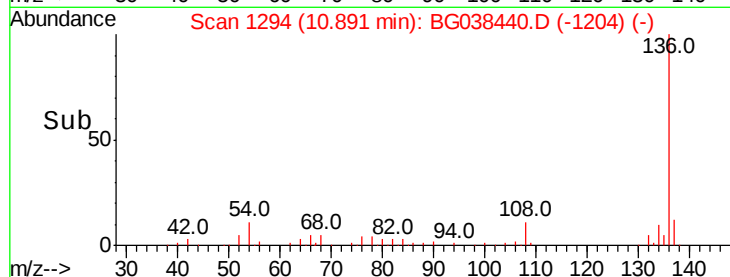
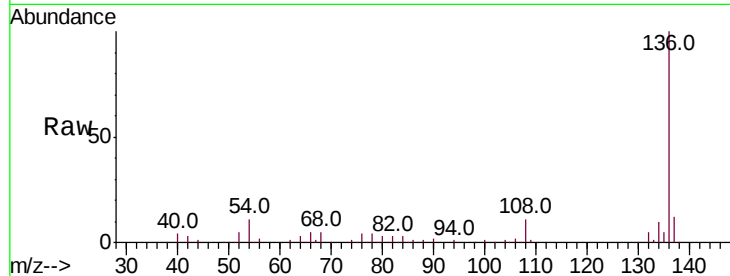
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 11.1 7.9 11.9

68 4.7 4.8 7.2#

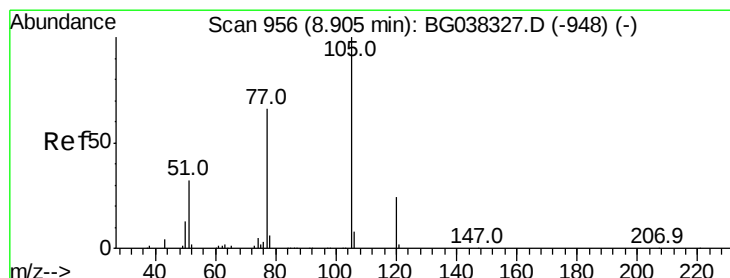
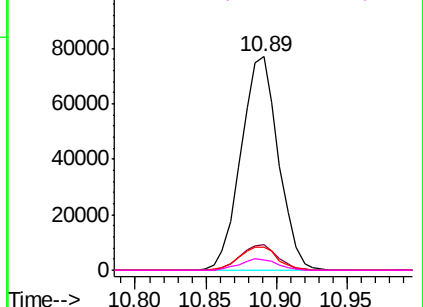


Abundance Ion 136.00 (135.70 to 136.70): E

120000 Ion 137.00 (136.70 to 137.70): E

100000 Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.416 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion:105 Resp: 139167

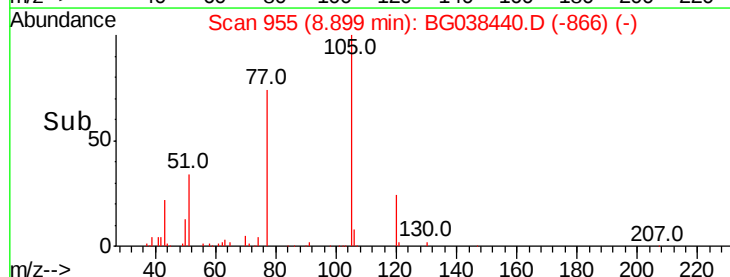
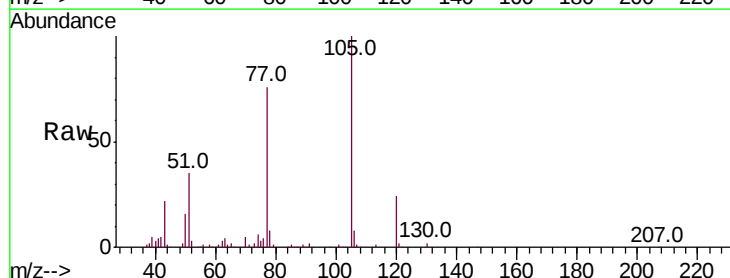
Ion Ratio Lower Upper

105 100

71 1.3 1.2 1.8

51 35.0 25.0 37.6

120 23.7 18.6 28.0

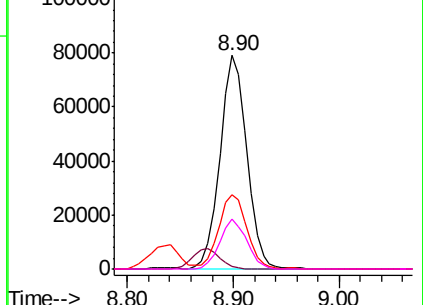


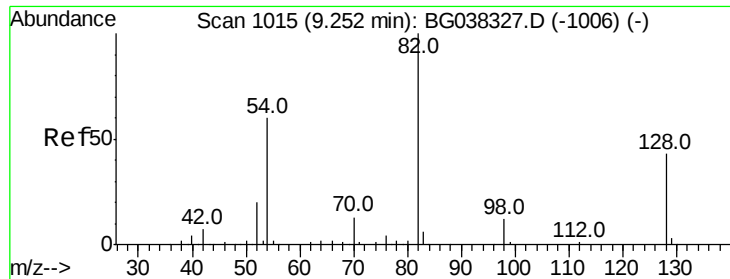
Abundance Ion 105.00 (104.70 to 105.70): E

120000 Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

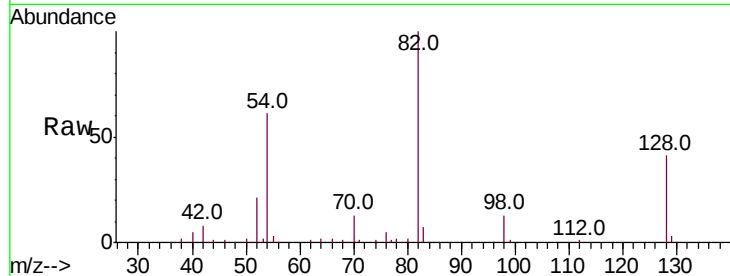




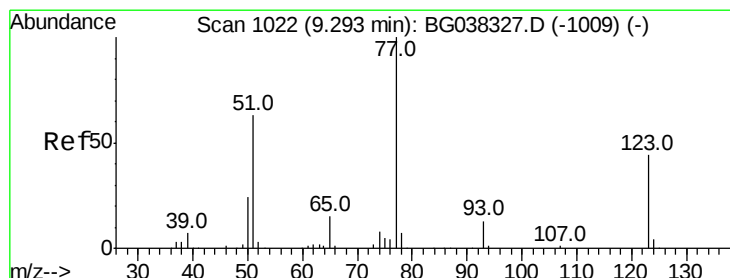
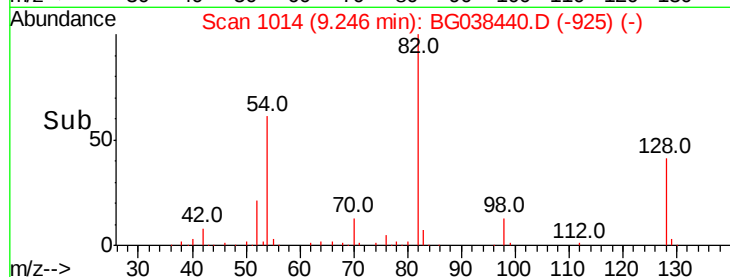
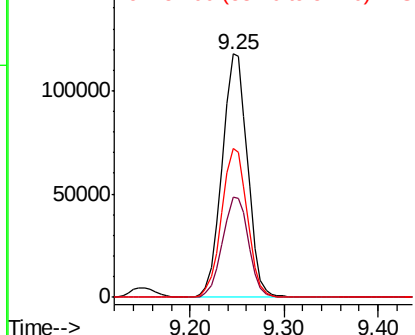
#23  
Nitrobenzene-d5  
Concen: 76.943 ng  
RT: 9.25 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82   | Resp  | 221225 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 41.2 | 34.6  | 51.8   |
| 54        | 61.3 | 45.3  | 67.9   |

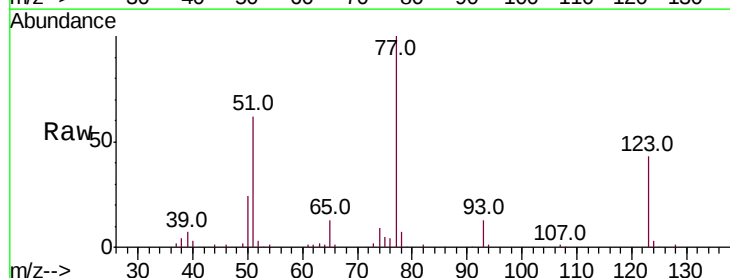


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

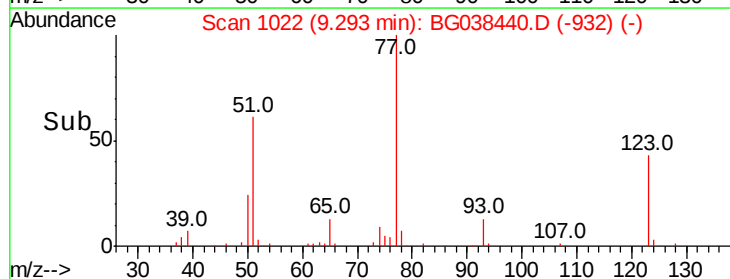
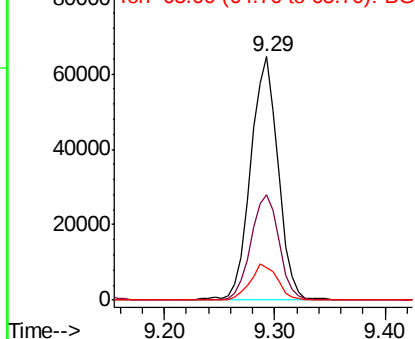


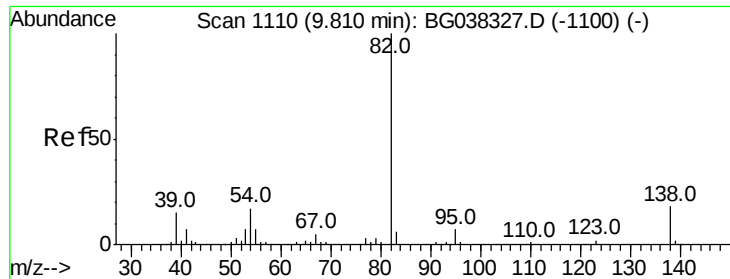
#24  
Nitrobenzene  
Concen: 38.637 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

| Tgt Ion   | 77   | Resp  | 112864 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 43.4 | 33.6  | 50.4   |
| 65        | 13.4 | 11.3  | 16.9   |



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





#25

Isophorone

Concen: 37.498 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

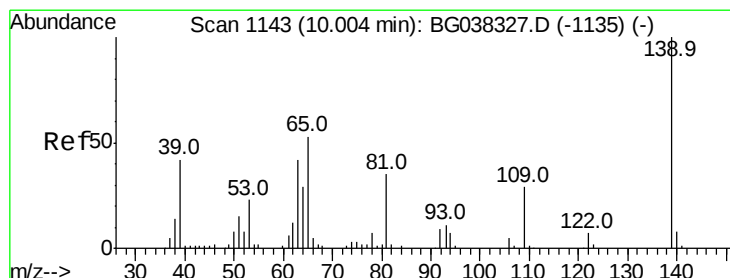
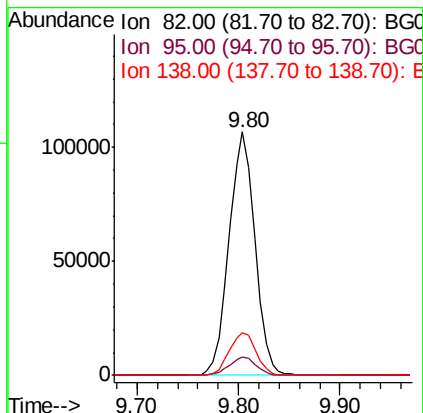
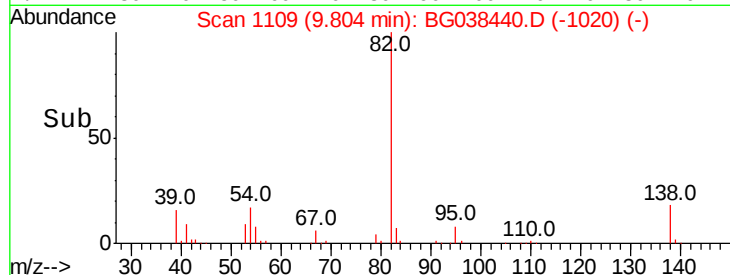
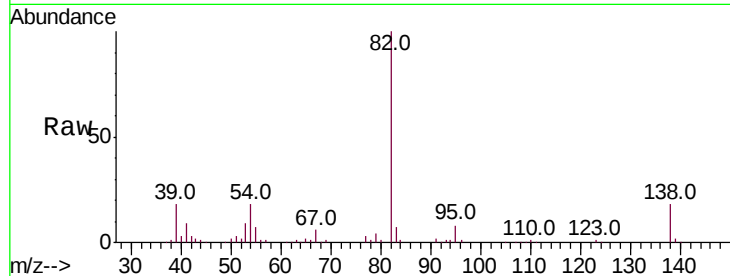
Tot Ion: 82 Resp: 189469

Ion Ratio Lower Upper

82 100

95 7.7 5.3 7.9

138 17.6 13.3 19.9



#26

2-Nitrophenol

Concen: 41.738 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

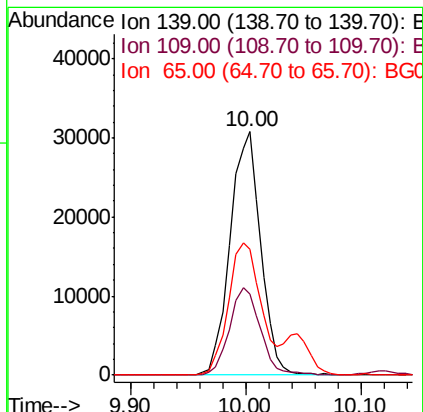
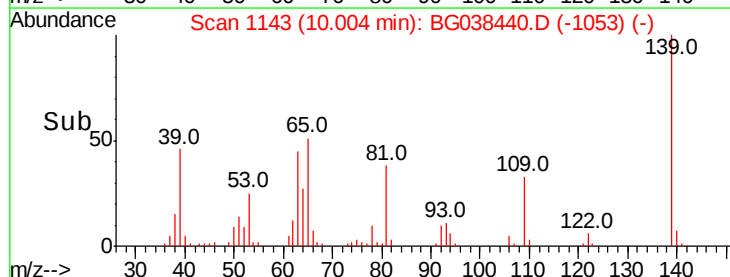
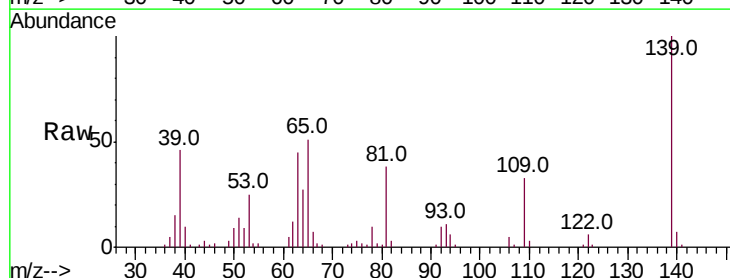
Tgt Ion: 139 Resp: 56493

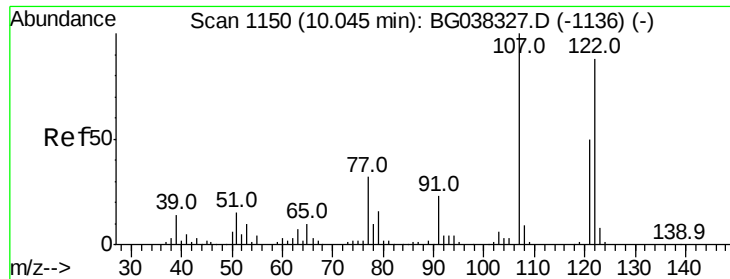
Ion Ratio Lower Upper

139 100

109 33.5 23.3 34.9

65 51.5 39.8 59.8

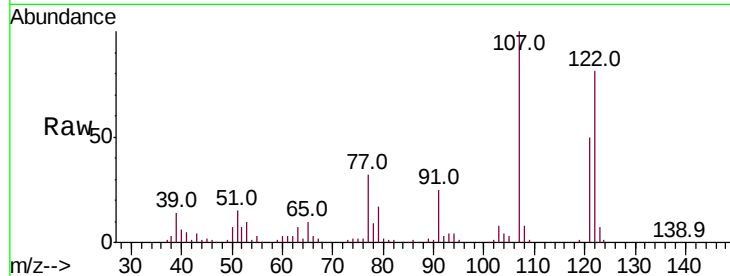




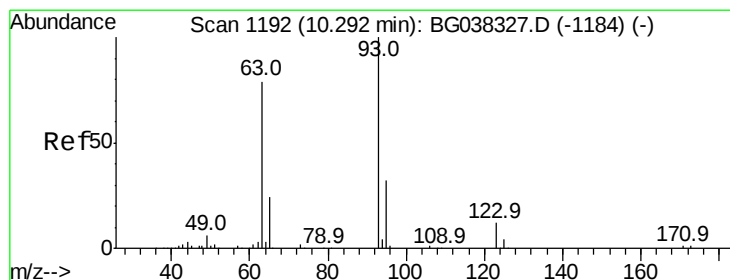
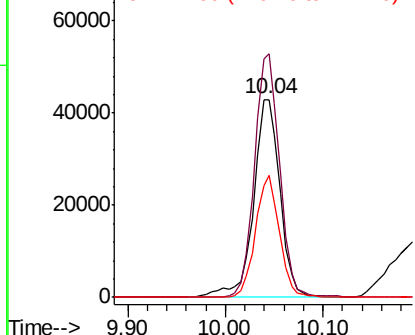
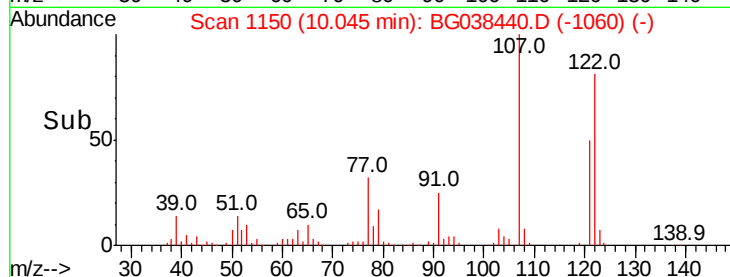
#27  
2,4-Dimethylphenol  
Concen: 42.210 ng  
RT: 10.04 min Scan# 1150  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:122 Resp: 82060  
Ion Ratio Lower Upper  
122 100  
107 123.0 94.2 141.2  
121 61.8 47.3 70.9

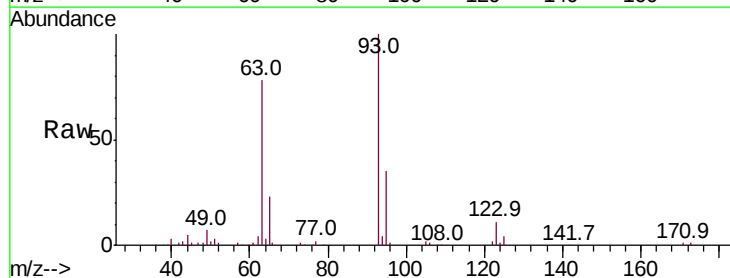


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

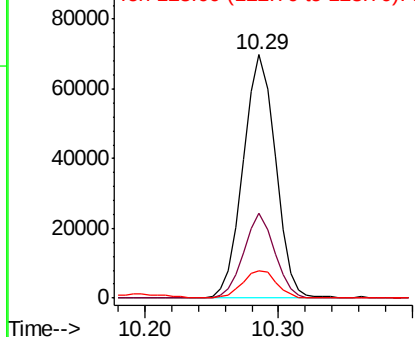
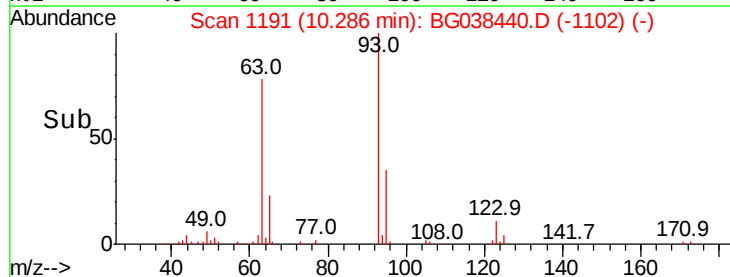


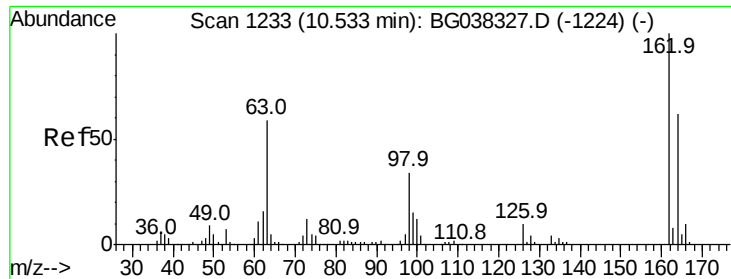
#28  
bis(2-Chloroethoxy)methane  
Concen: 40.322 ng  
RT: 10.29 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion: 93 Resp: 116798  
Ion Ratio Lower Upper  
93 100  
95 35.0 24.6 37.0  
123 11.4 9.1 13.7



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

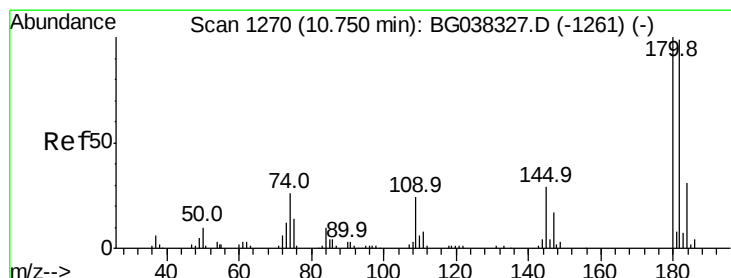
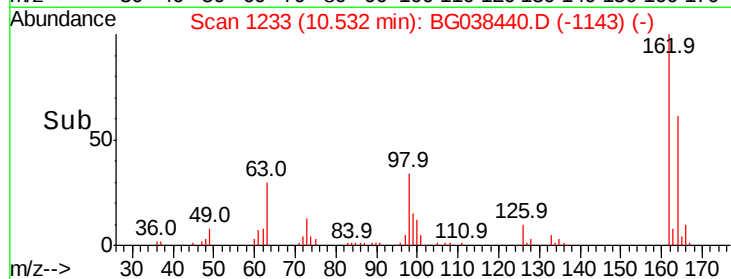
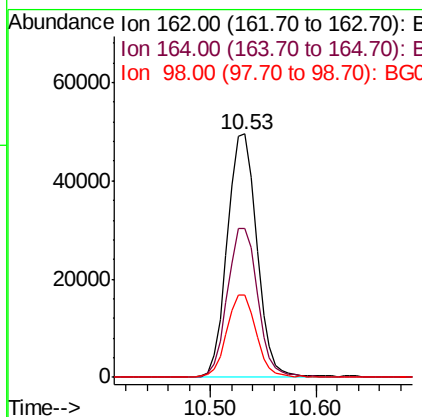
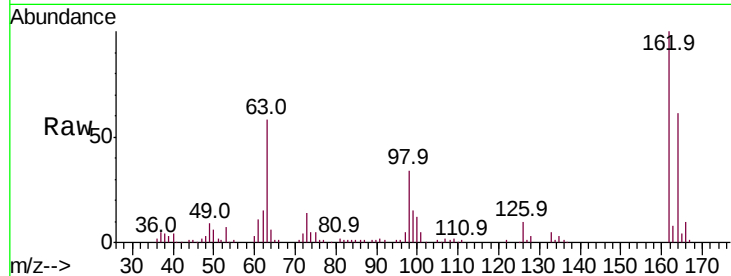




#29  
 2,4-Dichlorophenol  
 Concen: 43.398 ng  
 RT: 10.53 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

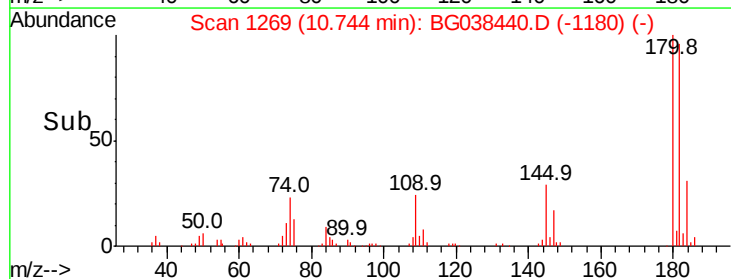
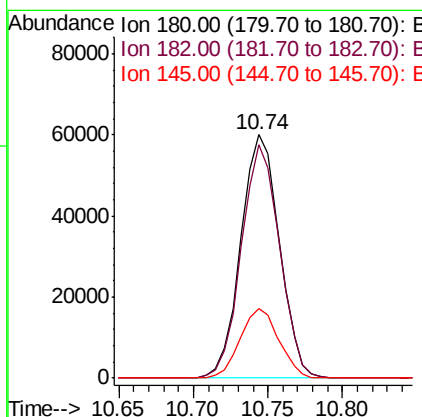
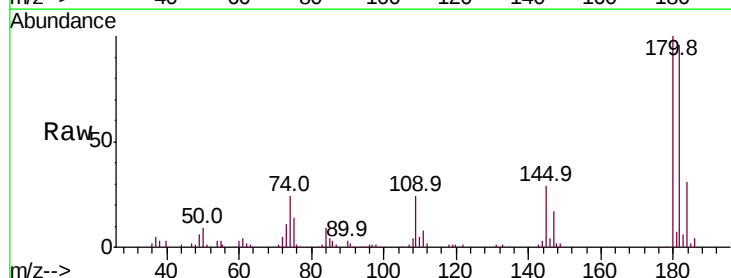
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

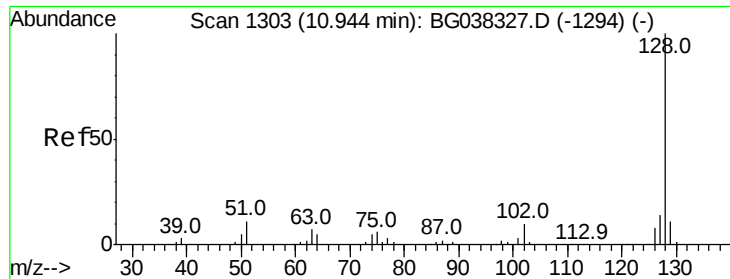
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.4  | 43.2  | 83.2  |
| 98      | 33.9  | 16.0  | 56.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.163 ng  
 RT: 10.74 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 77.7  | 116.5 |
| 145     | 28.6  | 23.3  | 34.9  |

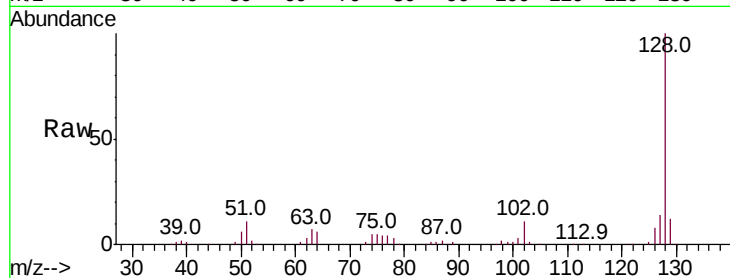




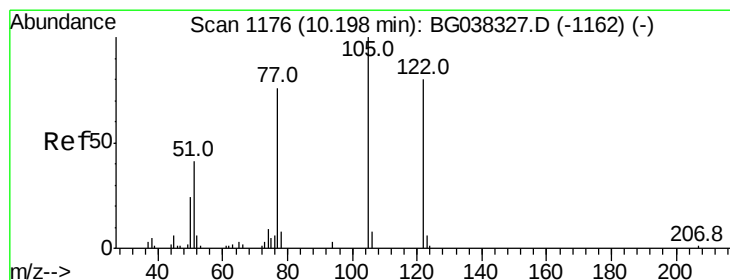
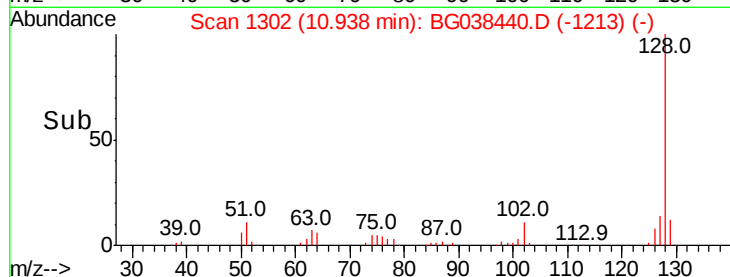
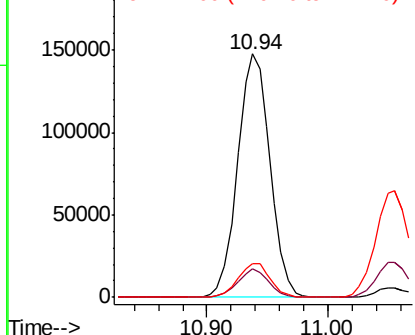
#31  
Naphthalene  
Concen: 40.280 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 274657  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.0 13.6  
127 13.8 11.1 16.7

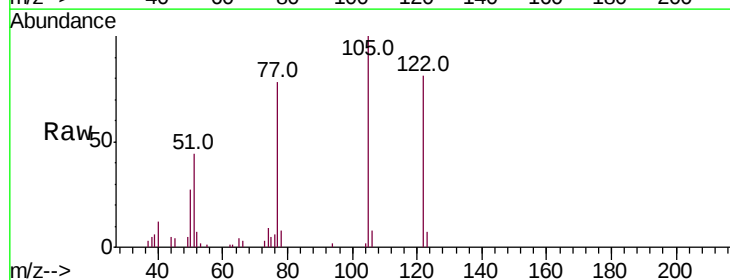


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

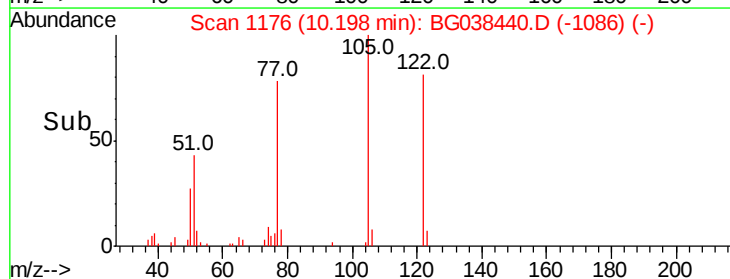
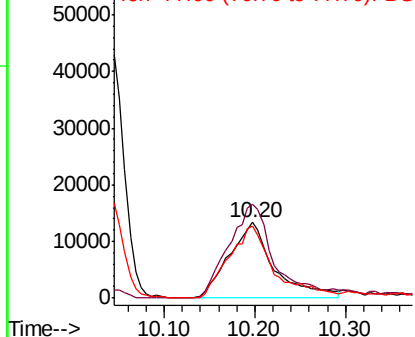


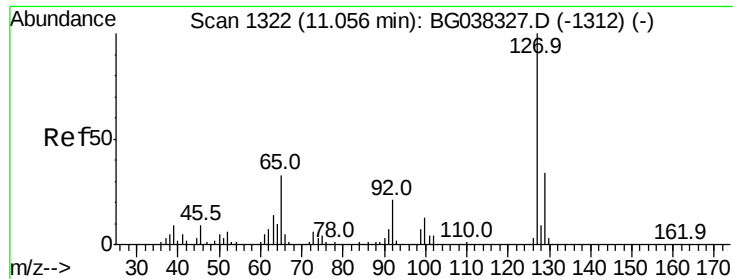
#32  
Benzoic acid  
Concen: 34.962 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:122 Resp: 46273  
Ion Ratio Lower Upper  
122 100  
105 123.3 106.7 146.7  
77 95.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

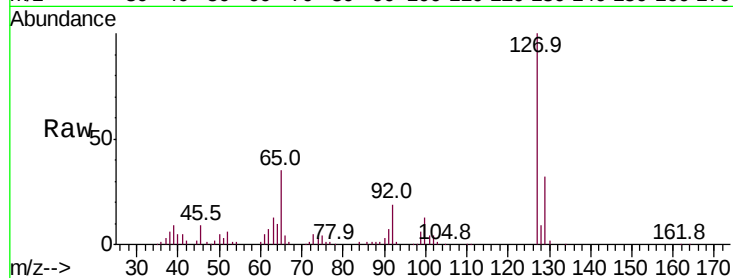




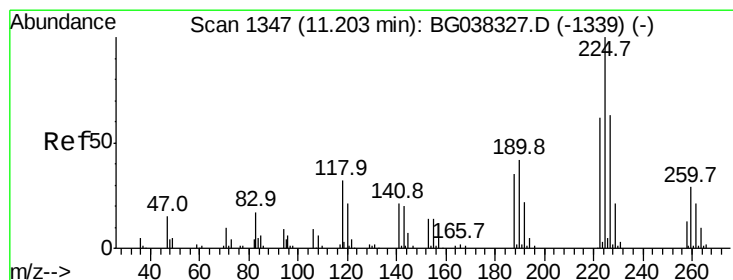
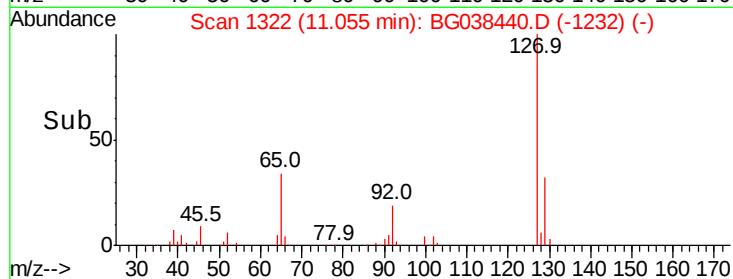
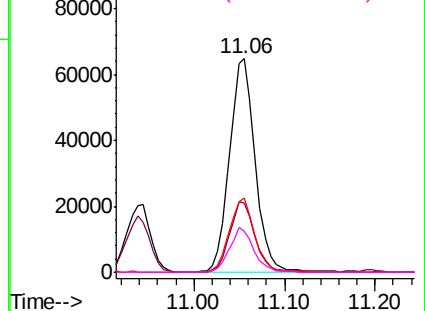
#33  
4-Chloroaniline  
Concen: 42.364 ng  
RT: 11.06 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 127877 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 27.1  | 40.7   |
| 65       | 34.6  | 26.6  | 39.8   |
| 92       | 19.2  | 16.4  | 24.6   |

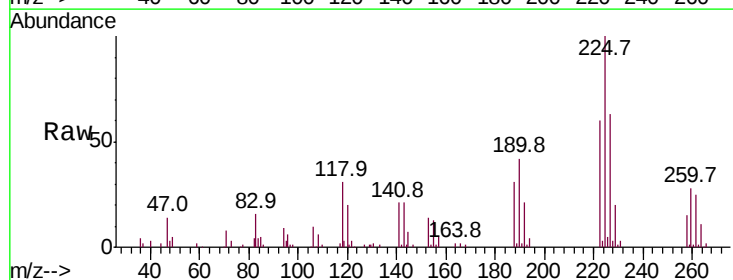


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

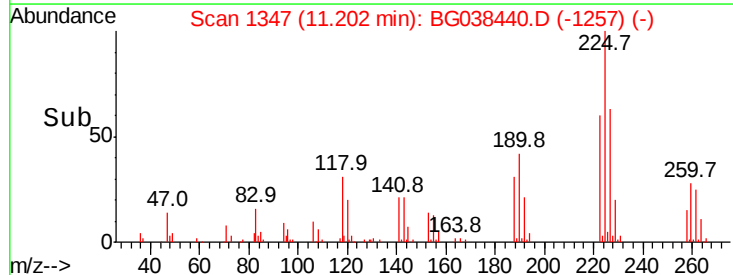
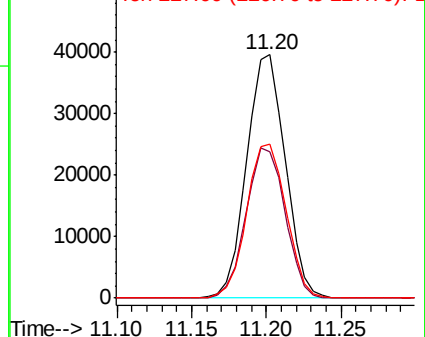


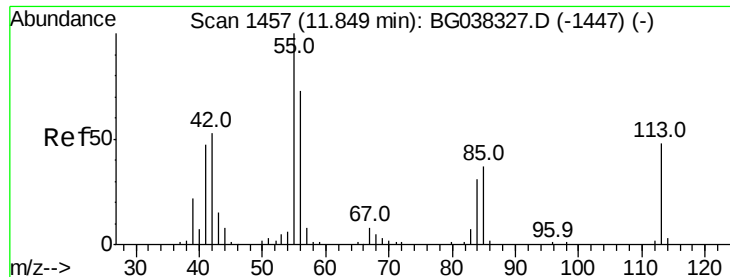
#34  
Hexachlorobutadiene  
Concen: 43.388 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 70712 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.6  | 48.2  | 72.4  |
| 227      | 62.6  | 51.6  | 77.4  |



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: 40.192 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

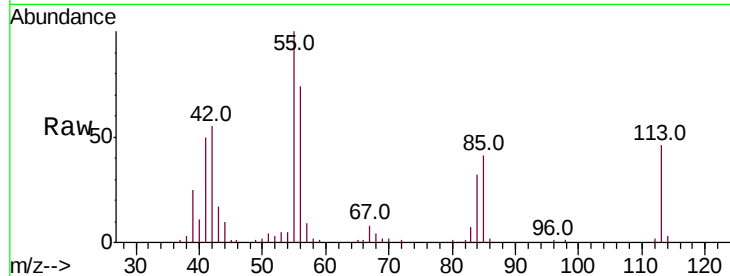
Tot Ion:113 Resp: 36884

Ion Ratio Lower Upper

113 100

55 217.6 176.6 216.6#

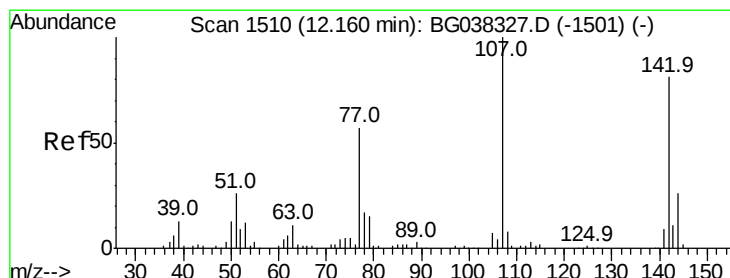
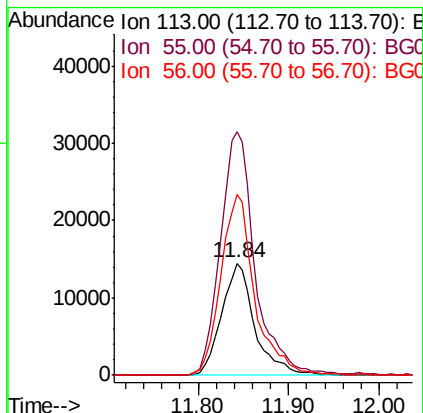
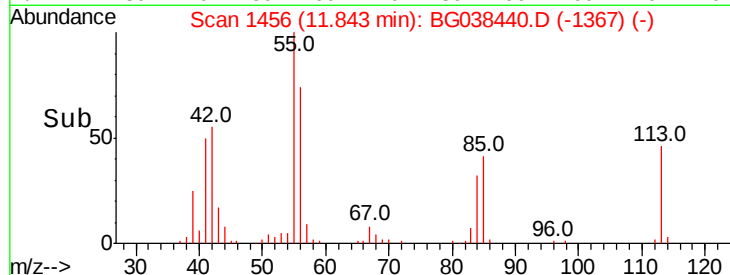
56 162.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.669 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

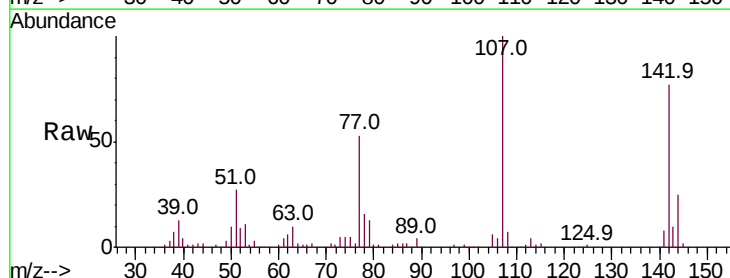
Tgt Ion:107 Resp: 107674

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

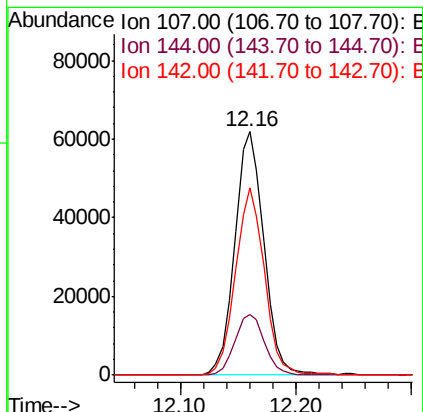
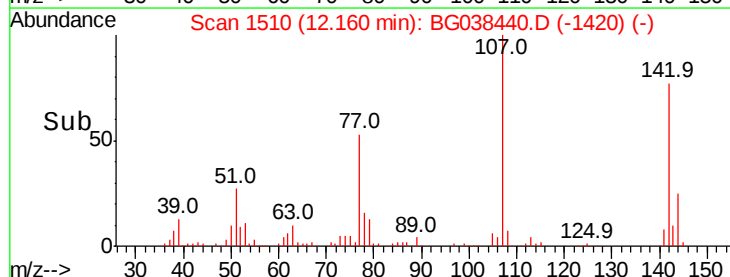
142 76.9 64.4 96.6

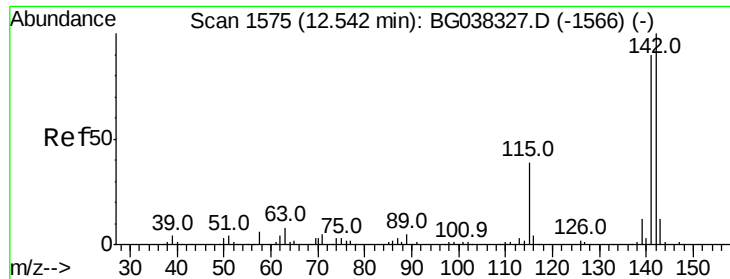


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

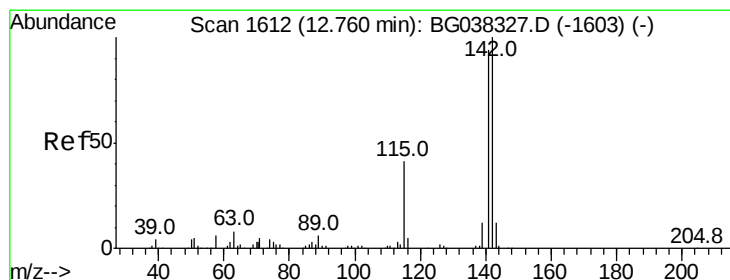
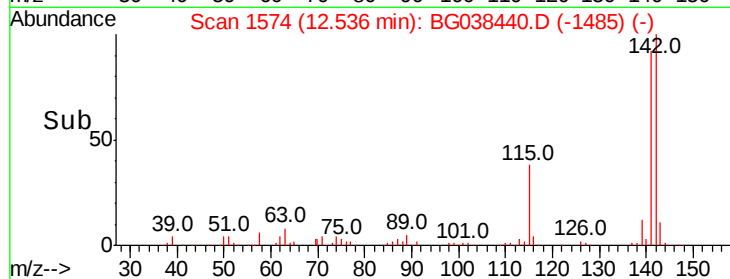
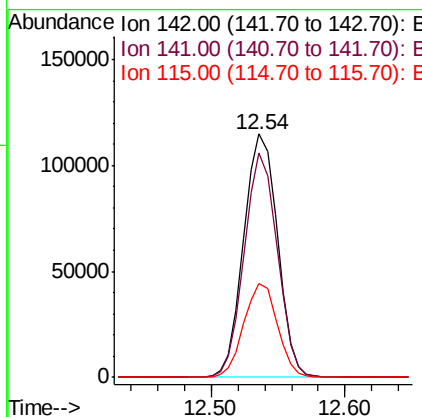
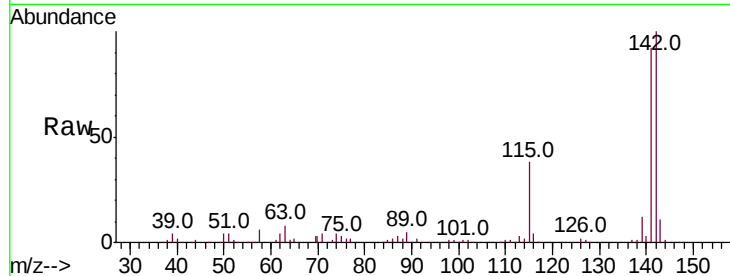




#37  
 2-Methylnaphthalene  
 Concen: 41.498 ng  
 RT: 12.54 min Scan# 1574  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

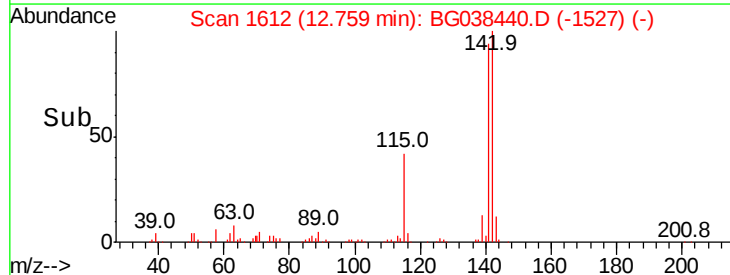
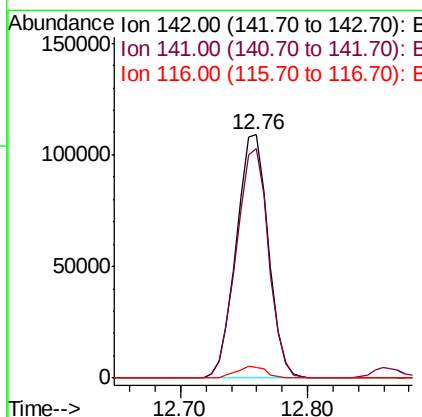
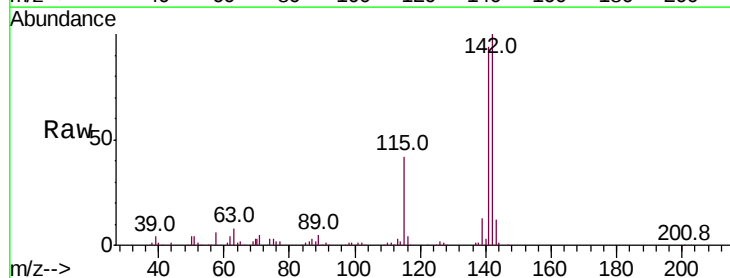
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

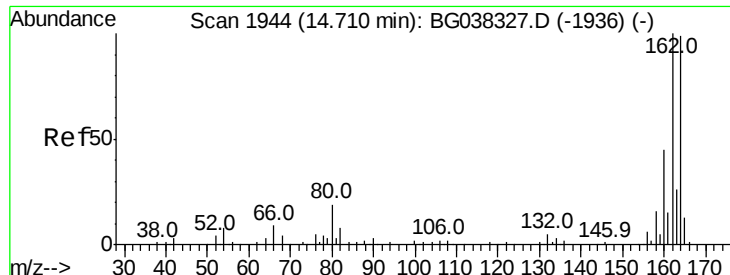
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 71.9  | 107.9 |
| 115     | 38.4  | 27.8  | 41.8  |



#38  
 1-Methylnaphthalene  
 Concen: 41.145 ng  
 RT: 12.76 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.2  | 75.2  | 112.8 |
| 116     | 4.4   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

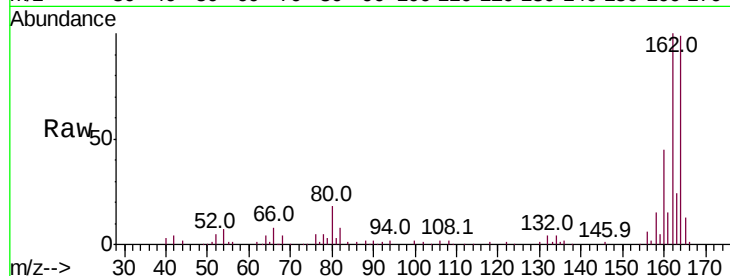
Tot Ion:164 Resp: 92784

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

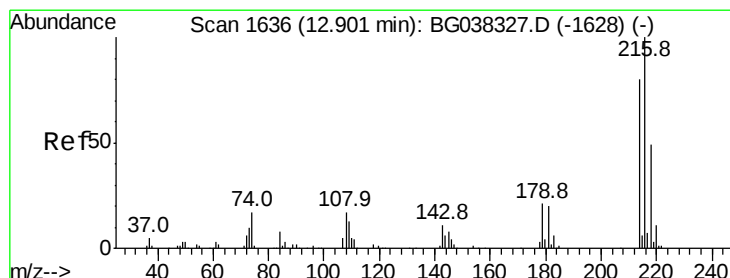
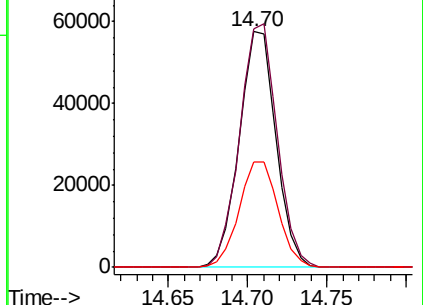
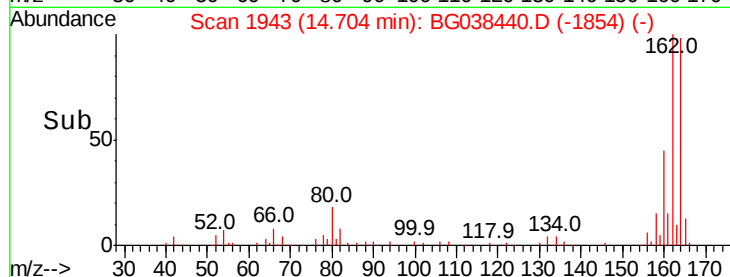
160 45.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.845 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion:216 Resp: 133597

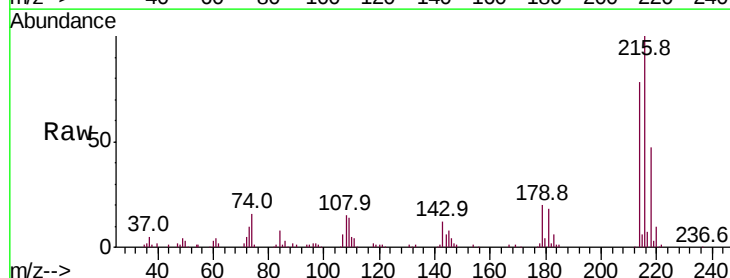
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.6

179 19.4 17.4 26.0

108 16.8 13.9 20.9

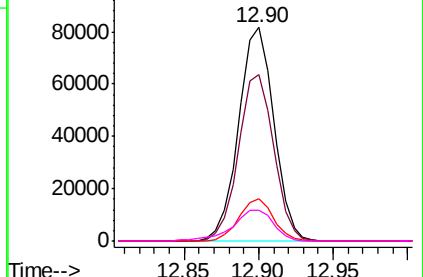
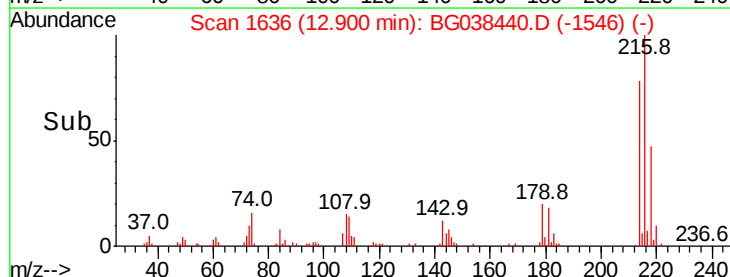


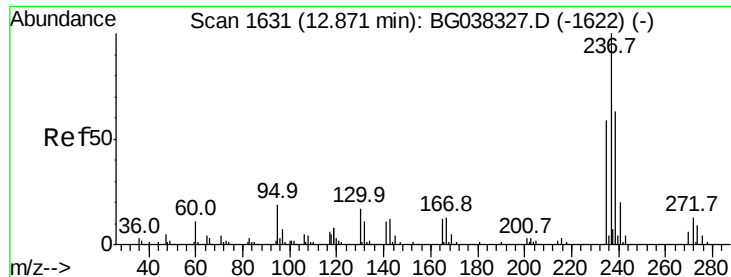
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.958 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

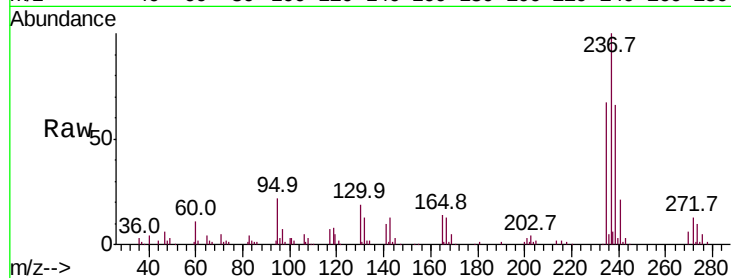
Tot Ion:237 Resp: 66597

Ion Ratio Lower Upper

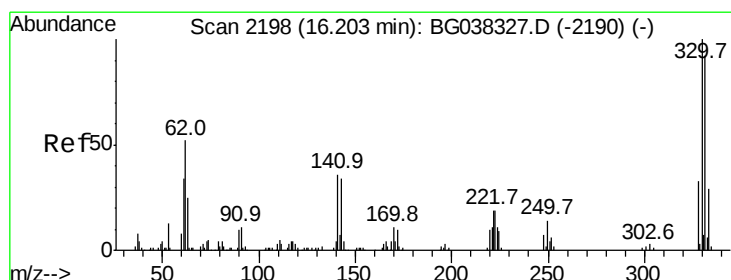
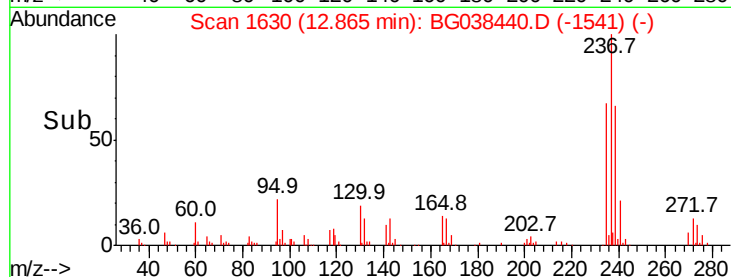
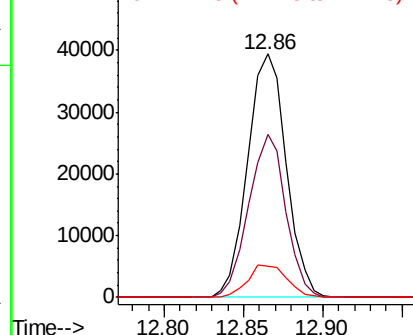
237 100

235 67.1 42.5 82.5

272 12.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 87.165 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

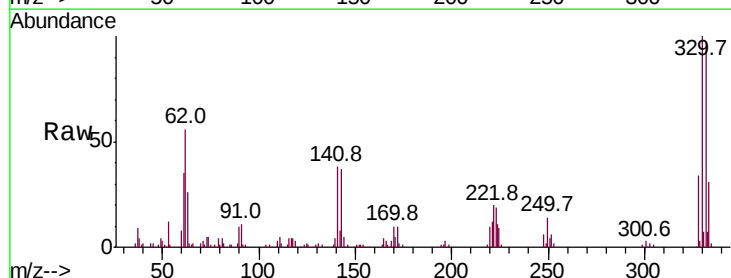
Tgt Ion:330 Resp: 99284

Ion Ratio Lower Upper

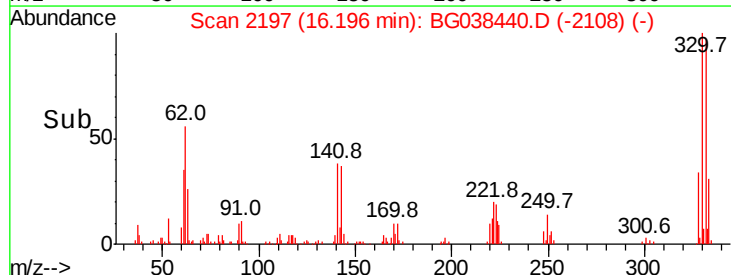
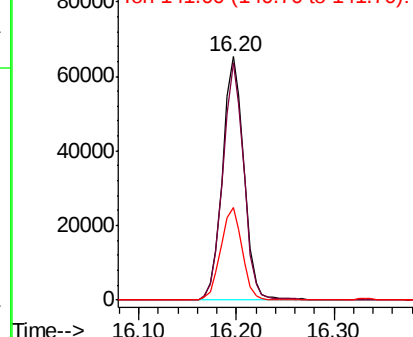
330 100

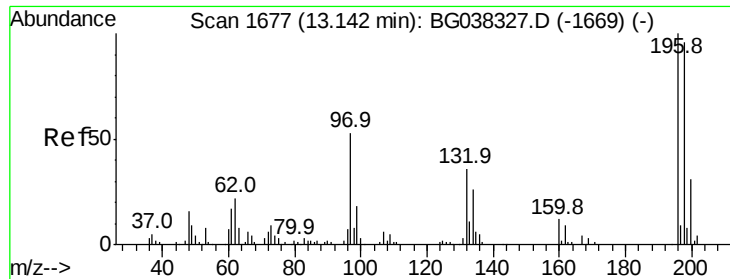
332 95.7 78.4 117.6

141 37.7 32.2 48.2



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

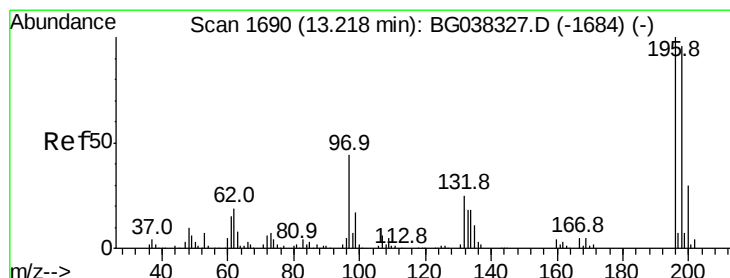
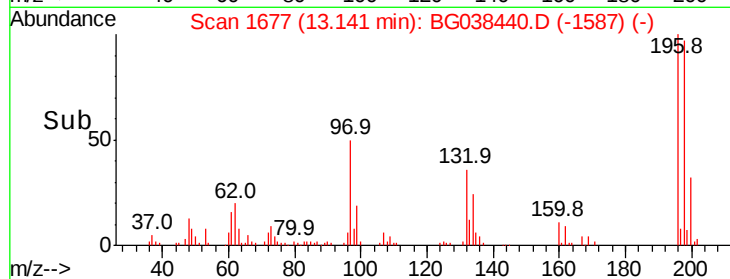
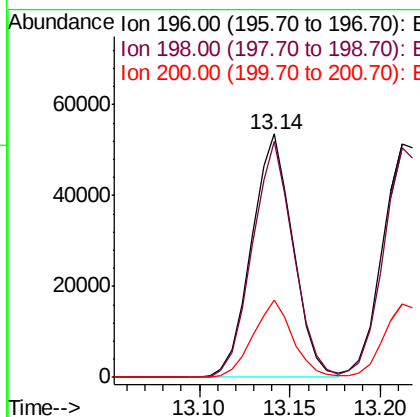
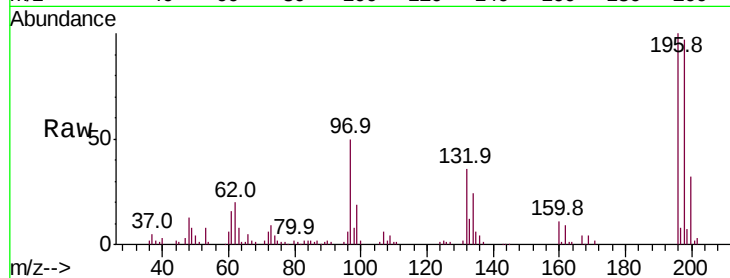




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.099 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

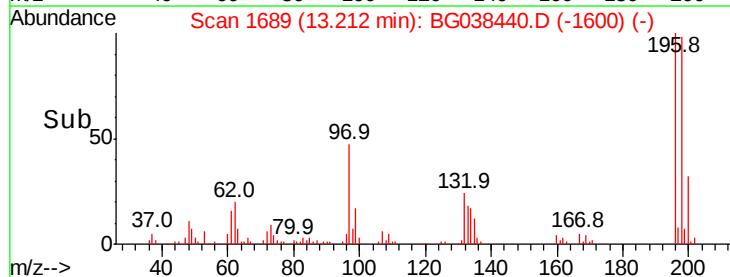
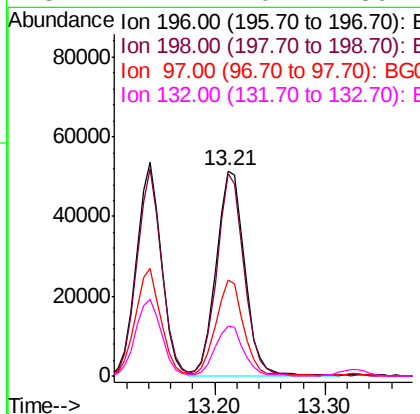
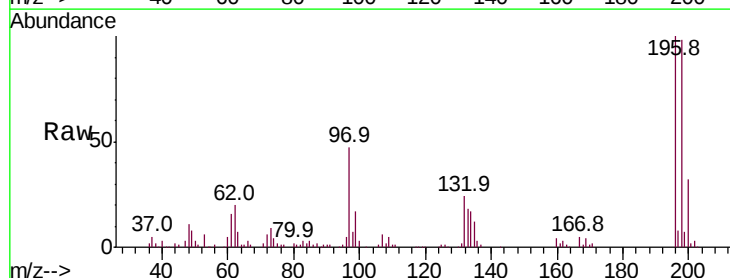
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

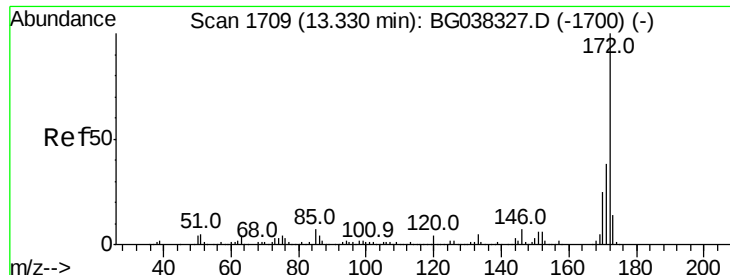
Tot Ion:196 Resp: 85001  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 76.4 114.6  
 200 31.9 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.455 ng  
 RT: 13.21 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Tgt Ion:196 Resp: 93019  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 74.2 111.2  
 97 47.0 34.1 51.1  
 132 24.1 20.2 30.4

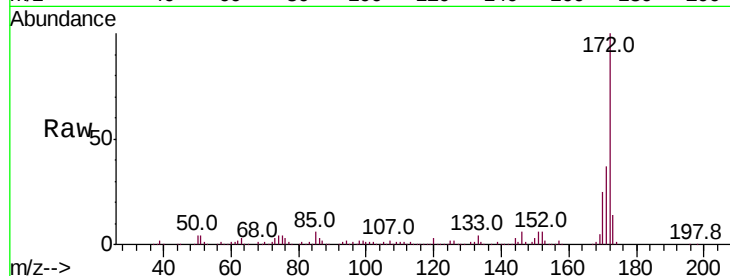




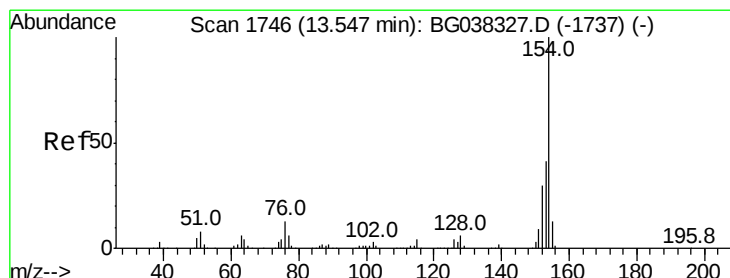
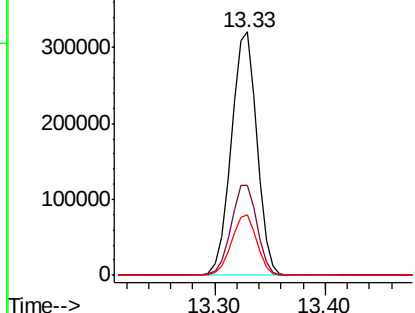
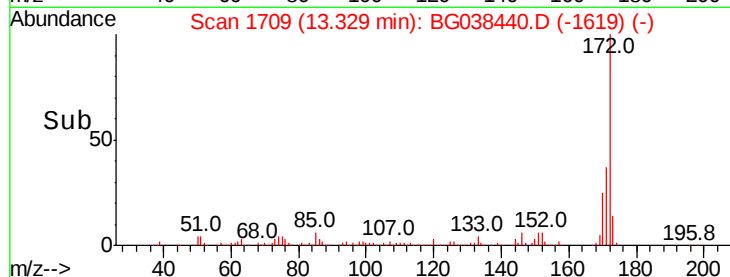
#45  
2-Fluorobiphenyl  
Concen: 80.168 ng  
RT: 13.33 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 522019  
Ion Ratio Lower Upper  
172 100  
171 37.0 31.0 46.4  
170 24.8 20.2 30.2

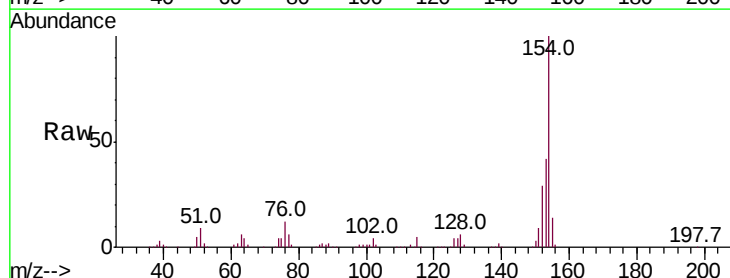


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

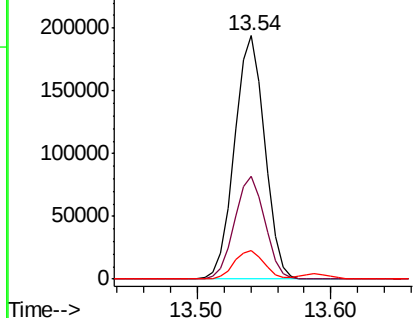
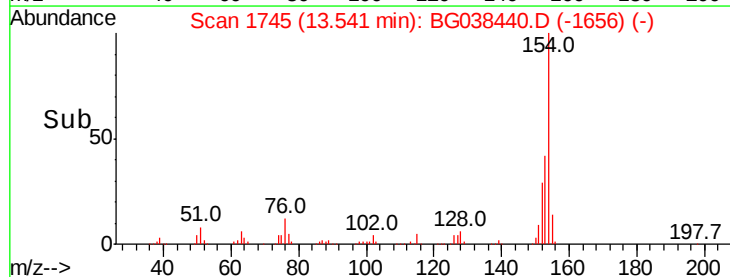


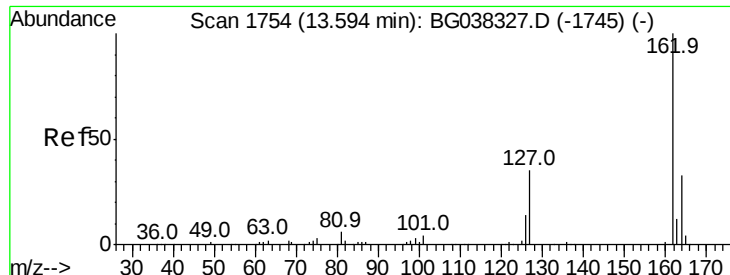
#46  
1,1'-Biphenyl  
Concen: 38.713 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:154 Resp: 303621  
Ion Ratio Lower Upper  
154 100  
153 42.4 22.1 62.1  
76 11.7 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BG

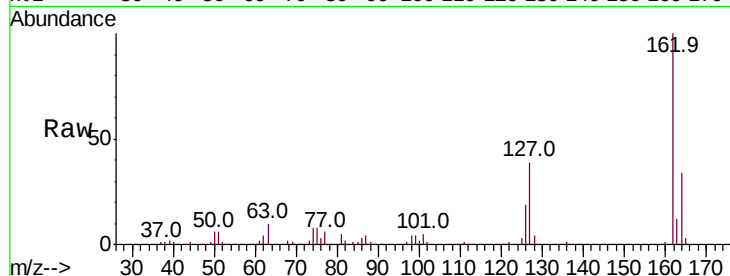




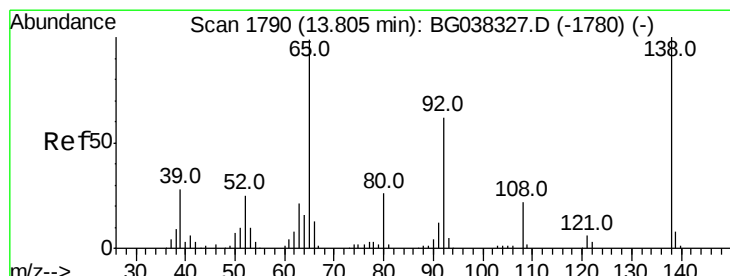
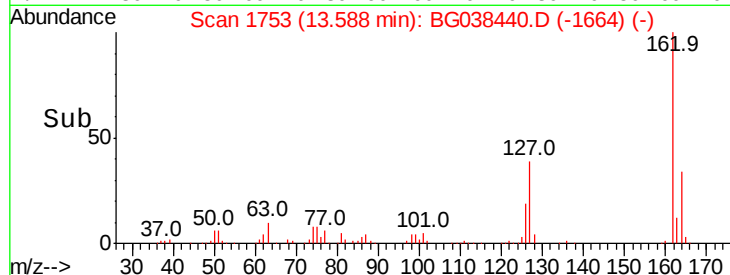
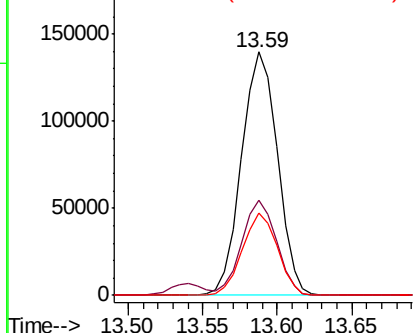
#47  
2-Chloronaphthalene  
Concen: 39.373 ng  
RT: 13.59 min Scan# 1753  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:162 Resp: 233017  
Ion Ratio Lower Upper  
162 100  
127 39.0 30.5 45.7  
164 34.0 26.4 39.6

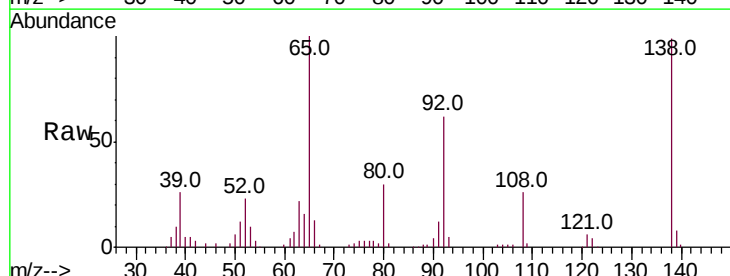


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

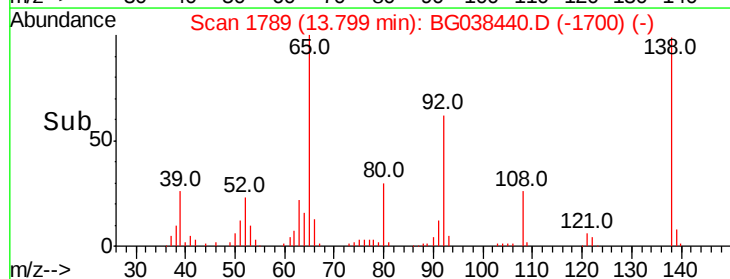
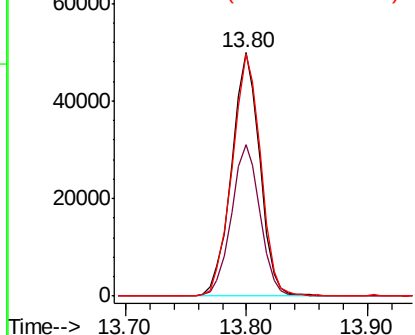


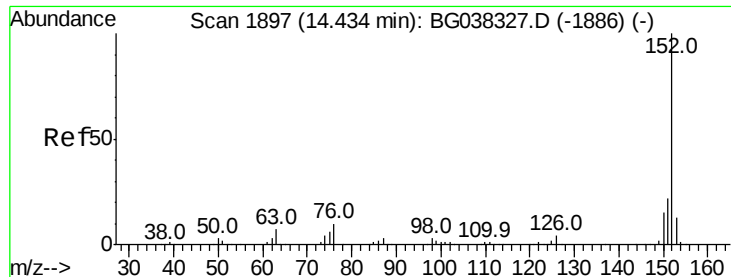
#48  
2-Nitroaniline  
Concen: 40.926 ng  
RT: 13.80 min Scan# 1789  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion: 65 Resp: 81260  
Ion Ratio Lower Upper  
65 100  
92 62.4 53.2 79.8  
138 99.4 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.788 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

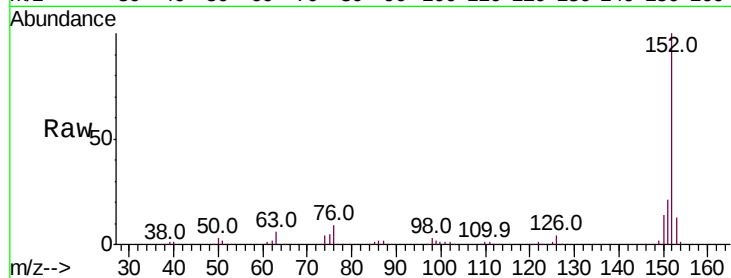
Tot Ion:152 Resp: 354643

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

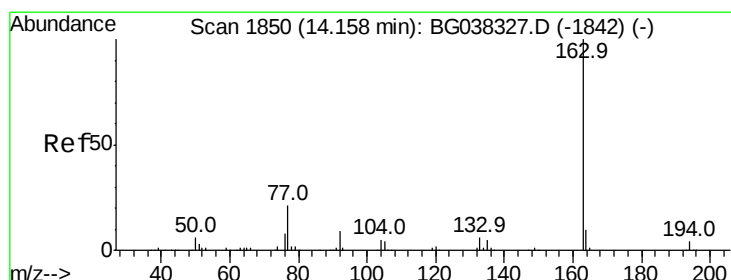
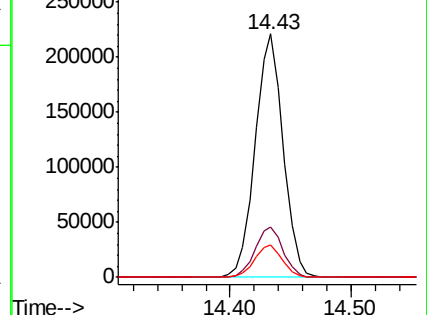
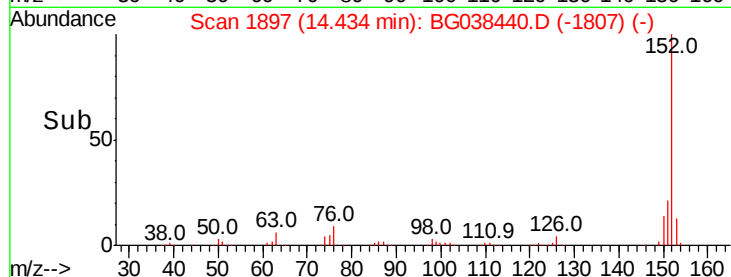
153 13.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.068 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

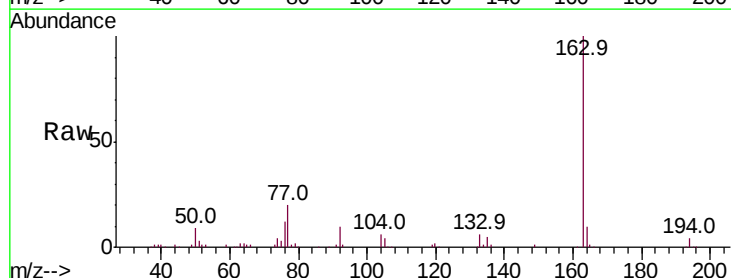
Tgt Ion:163 Resp: 298190

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

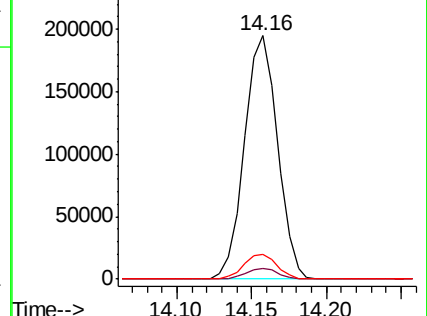
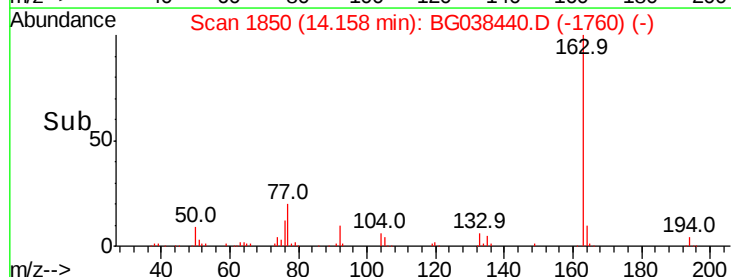
164 10.2 8.5 12.7

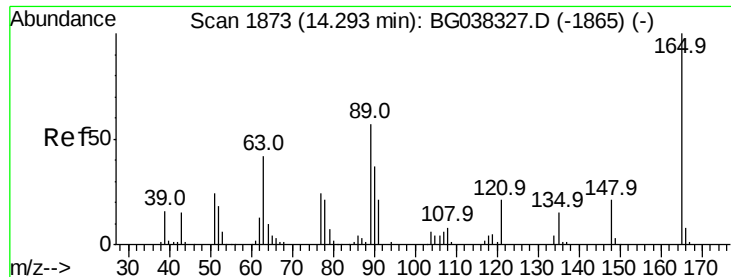


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

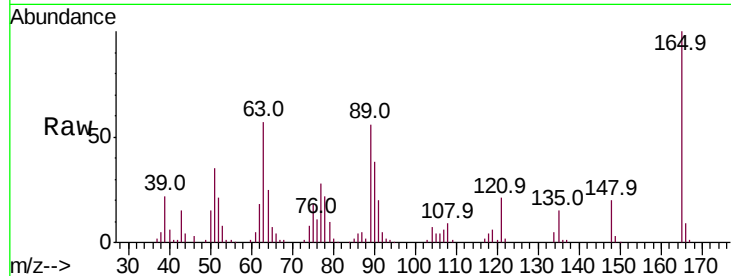




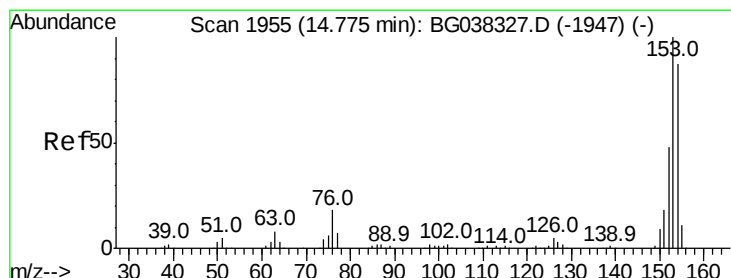
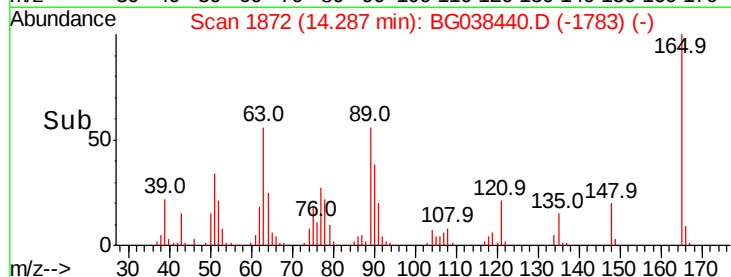
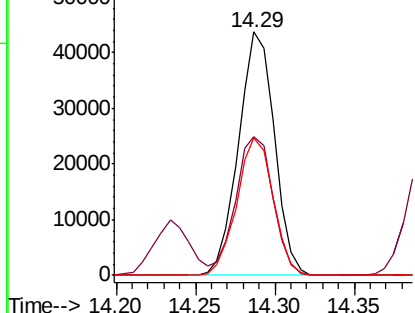
#51  
2,6-Dinitrotoluene  
Concen: 40.476 ng  
RT: 14.29 min Scan# 1872  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:165 Resp: 68809  
Ion Ratio Lower Upper  
165 100  
63 57.0 43.4 65.2  
89 56.5 45.8 68.6

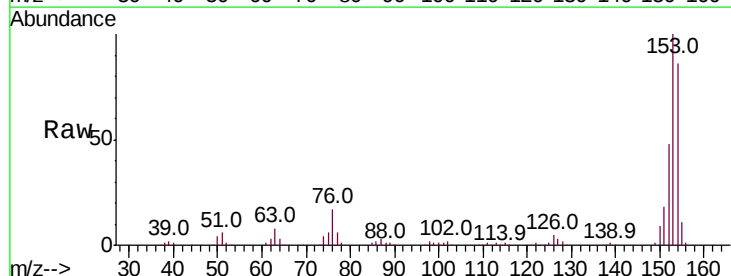


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

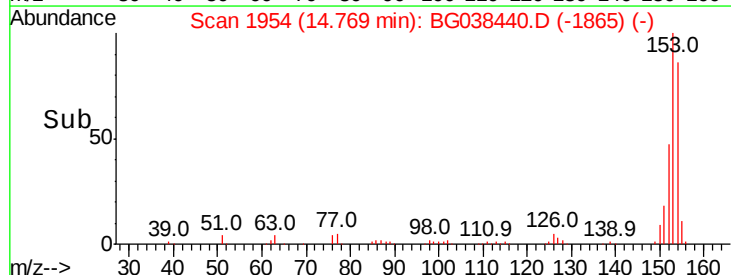
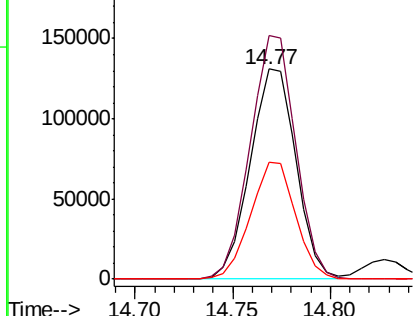


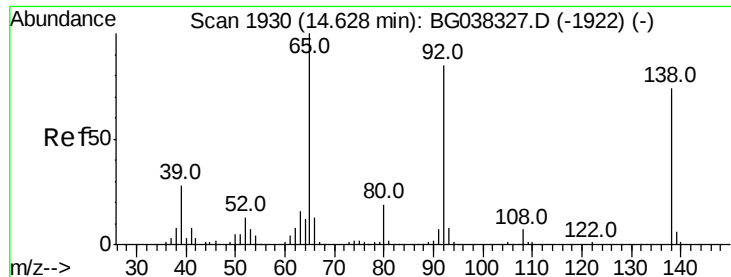
#52  
Acenaphthene  
Concen: 39.255 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:154 Resp: 213304  
Ion Ratio Lower Upper  
154 100  
153 115.8 93.4 140.0  
152 55.5 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.696 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

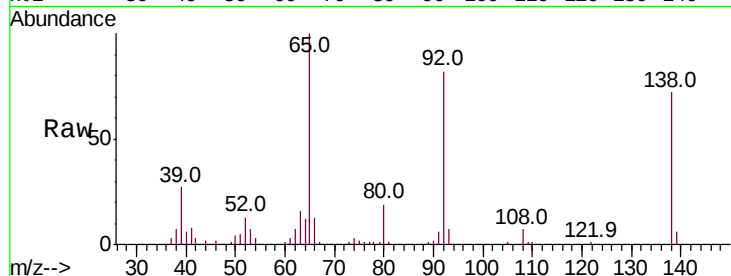
Tot Ion:138 Resp: 72679

Ion Ratio Lower Upper

138 100

108 10.0 11.0 16.6#

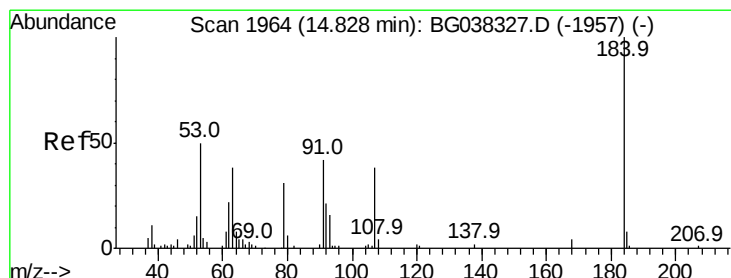
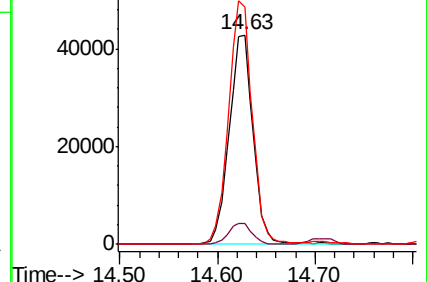
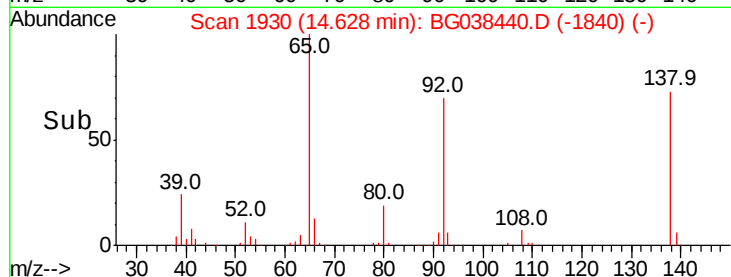
92 113.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.495 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

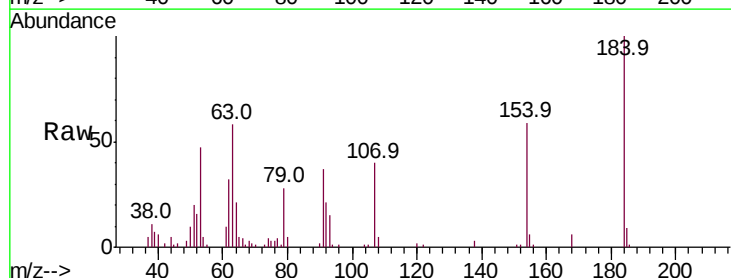
Tgt Ion:184 Resp: 33078

Ion Ratio Lower Upper

184 100

63 58.1 42.6 63.8

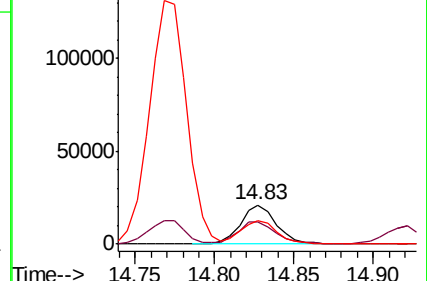
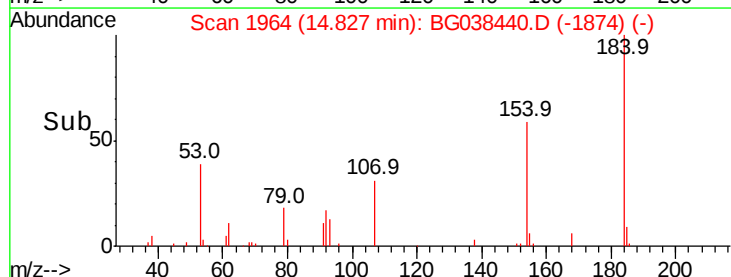
154 58.9 41.8 62.6

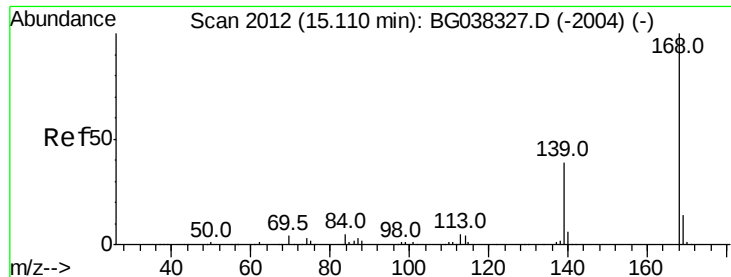


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.101 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

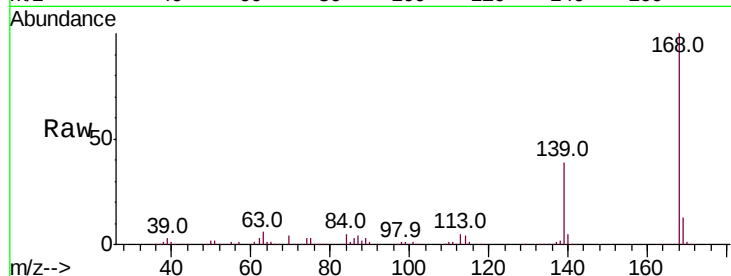
Tot Ion:168 Resp: 360240

Ion Ratio Lower Upper

168 100

139 38.8 29.4 44.0

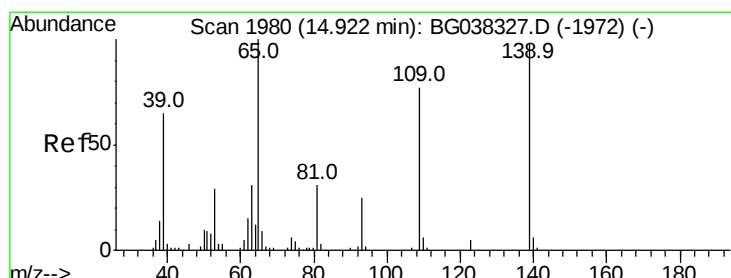
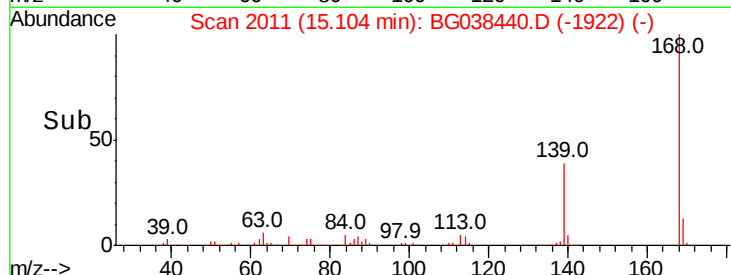
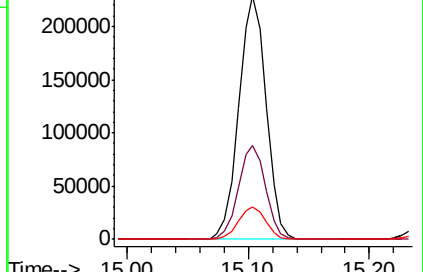
169 13.5 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.551 ng

RT: 14.92 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

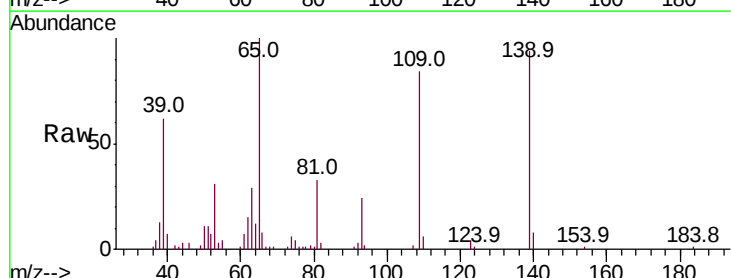
Tgt Ion:139 Resp: 51417

Ion Ratio Lower Upper

139 100

109 89.4 49.5 89.5

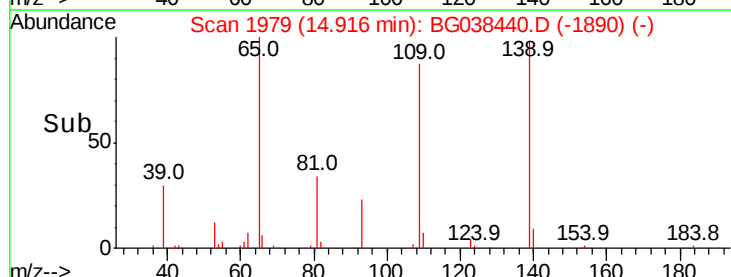
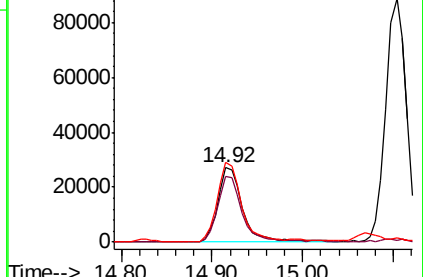
65 106.7 76.8 116.8

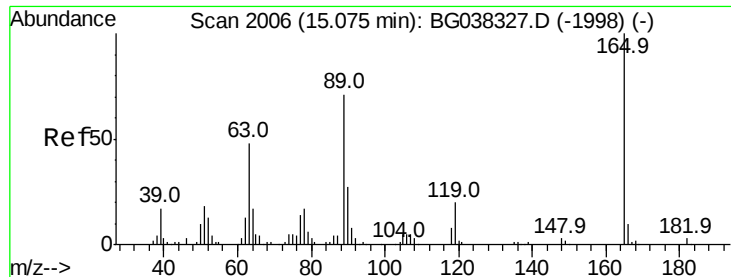


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

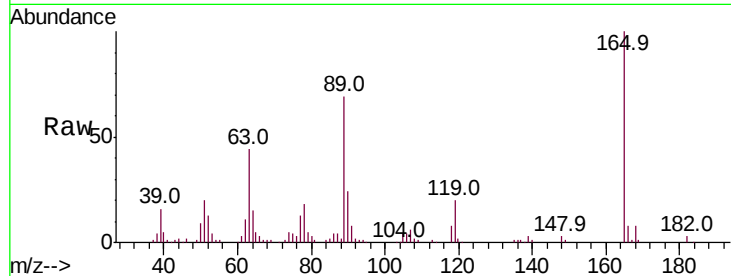




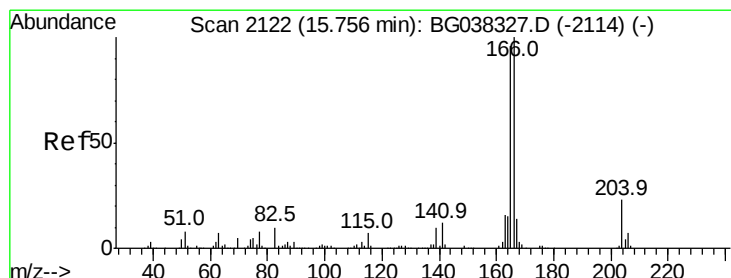
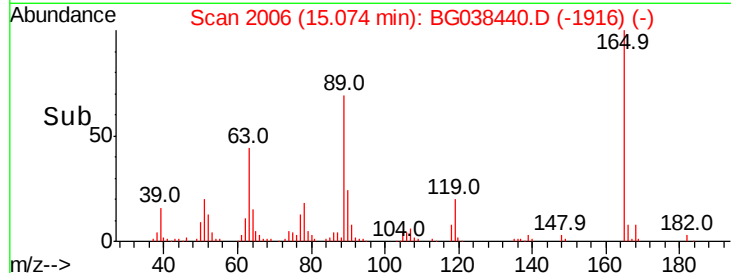
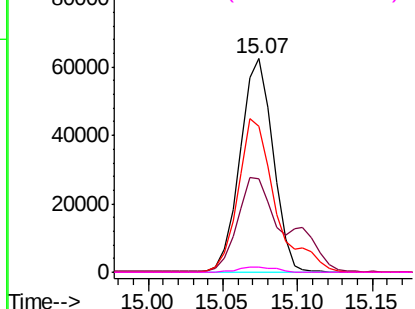
#57  
 2,4-Dinitrotoluene  
 Concen: 40.638 ng  
 RT: 15.07 min Scan# 2006  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:165 Resp: 95284  
 Ion Ratio Lower Upper  
 165 100  
 63 44.0 33.4 50.0  
 89 68.6 57.2 85.8  
 182 2.6 2.6 4.0#

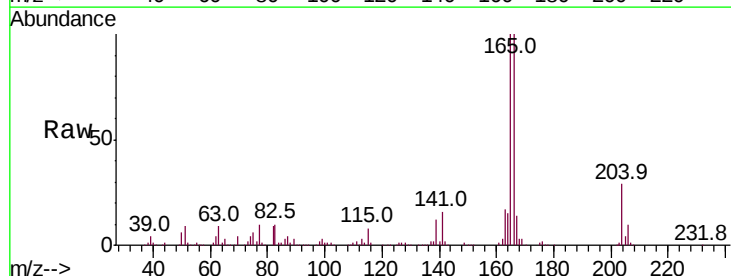


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

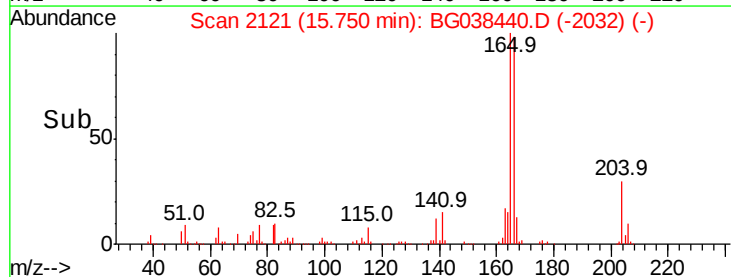
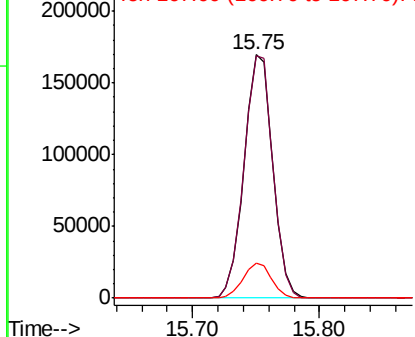


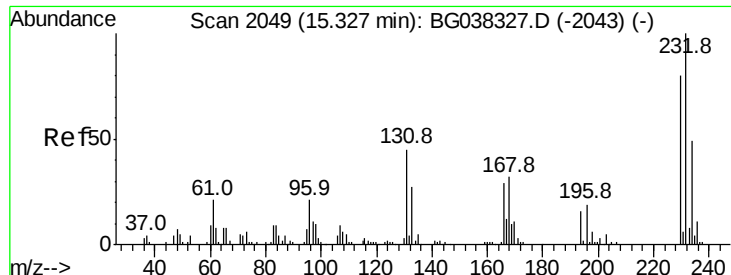
#58  
 Fluorene  
 Concen: 40.177 ng  
 RT: 15.75 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Tgt Ion:166 Resp: 265904  
 Ion Ratio Lower Upper  
 166 100  
 165 99.7 79.0 118.6  
 167 14.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

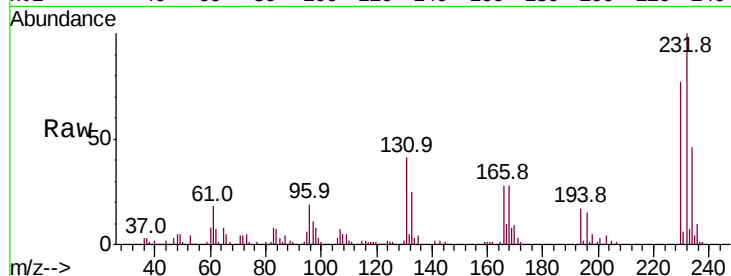




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.154 ng  
 RT: 15.33 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 78312 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 44.2  | 33.7  | 50.5  |
| 130      | 2.9   | 2.1   | 3.1   |
| 166      | 30.3  | 24.6  | 36.8  |



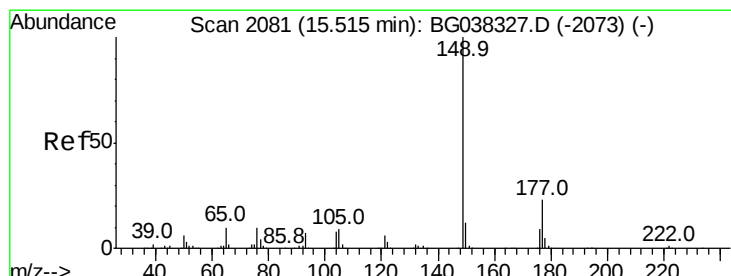
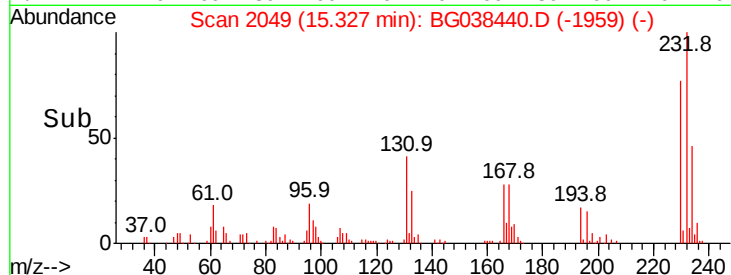
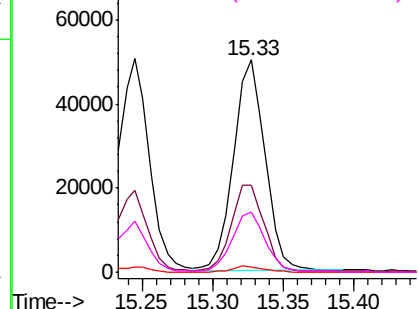
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

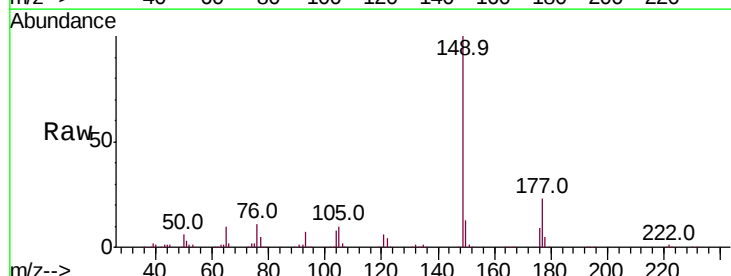
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.566 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 317972 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.1  | 18.3  | 27.5   |
| 150      | 12.9  | 10.0  | 15.0   |

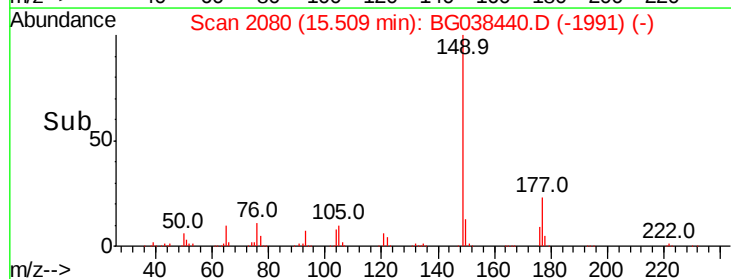
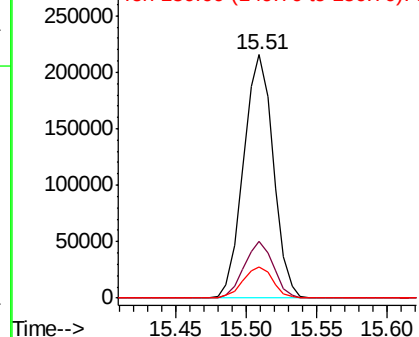


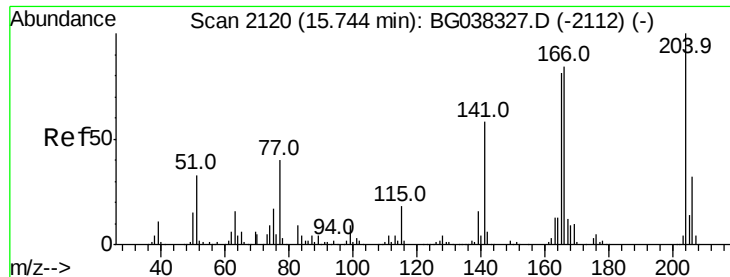
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

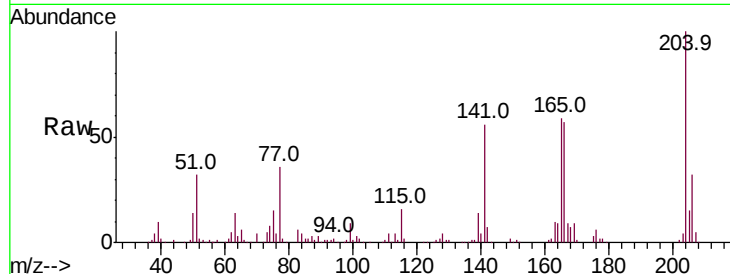




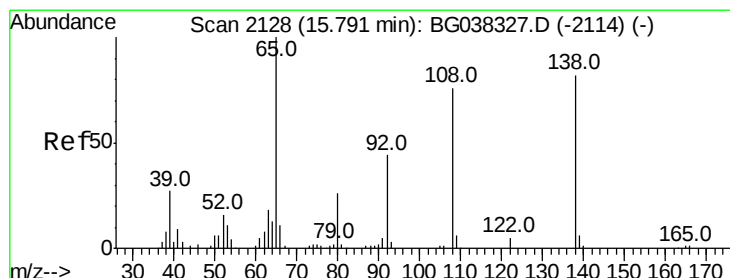
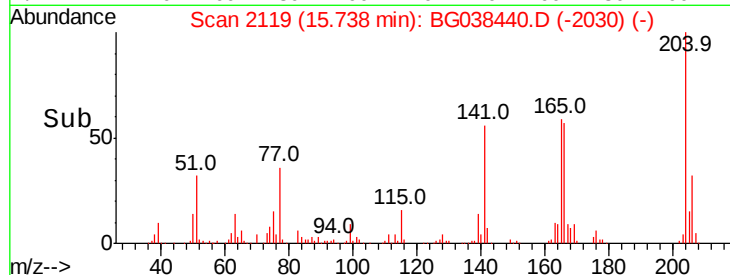
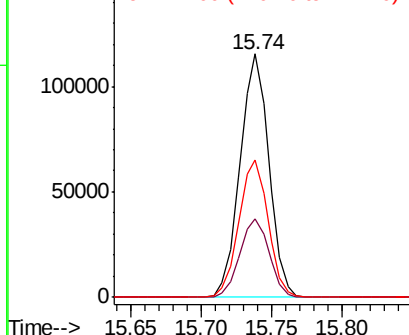
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.483 ng  
 RT: 15.74 min Scan# 2119  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:204 Resp: 164907  
 Ion Ratio Lower Upper  
 204 100  
 206 32.1 26.6 39.8  
 141 56.4 45.4 68.2

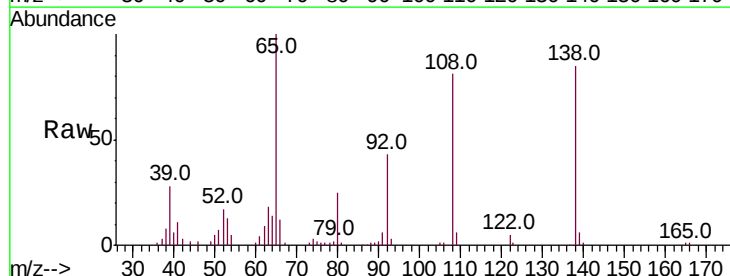


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

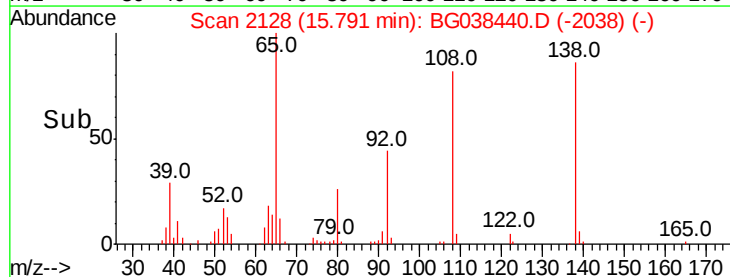
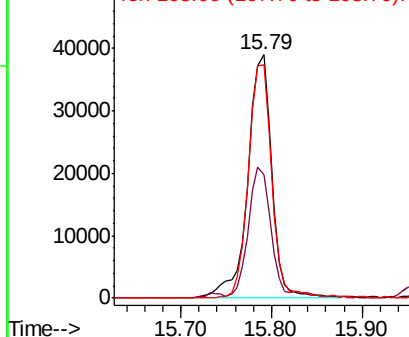


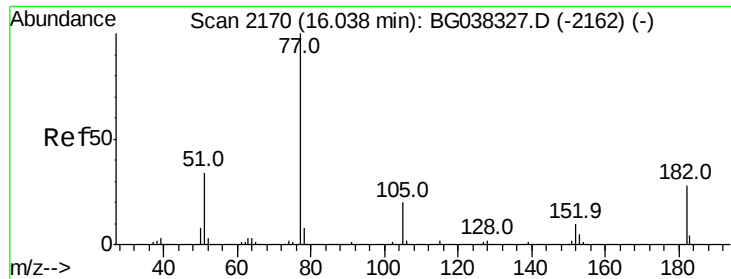
#62  
 4-Nitroaniline  
 Concen: 39.781 ng  
 RT: 15.79 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

Tgt Ion:138 Resp: 71637  
 Ion Ratio Lower Upper  
 138 100  
 92 50.8 36.4 76.4  
 108 95.8 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.877 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 280528

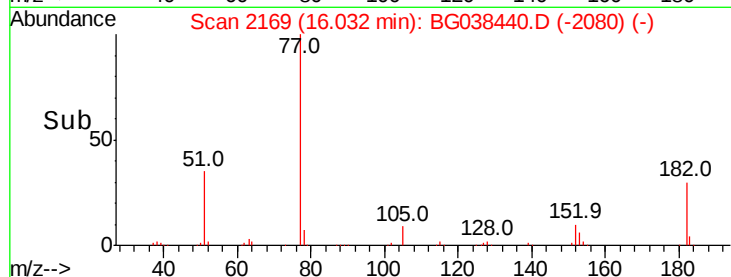
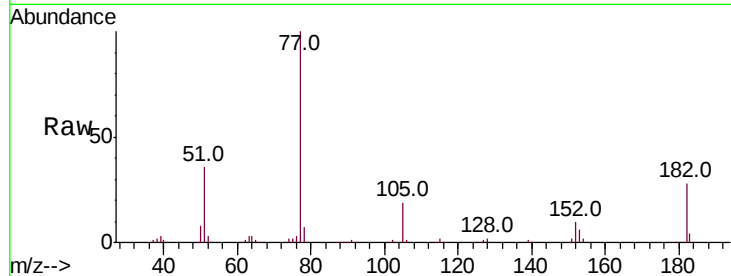
Ion Ratio Lower Upper

77 100

182 28.2 8.0 48.0

105 19.4 1.3 41.3

51 35.8 10.7 50.7

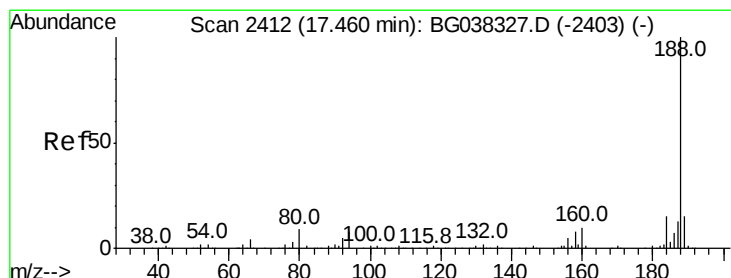
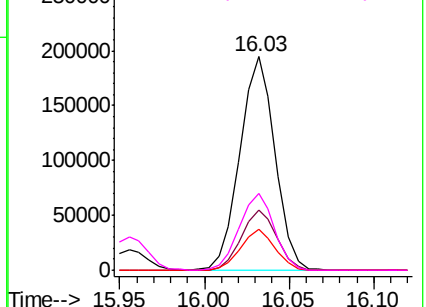


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

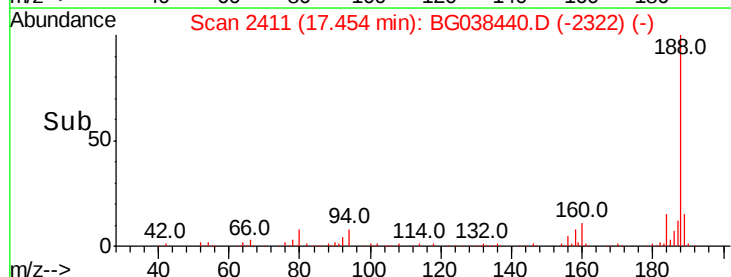
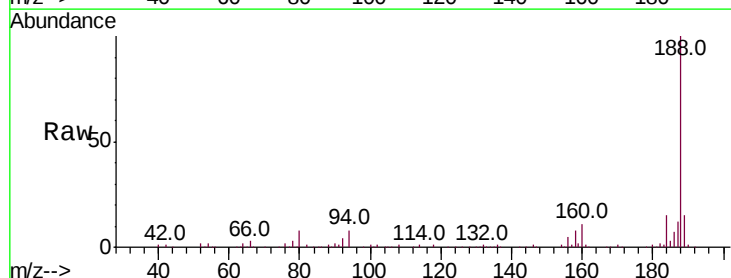
Tgt Ion: 188 Resp: 221293

Ion Ratio Lower Upper

188 100

94 7.6 7.2 10.8

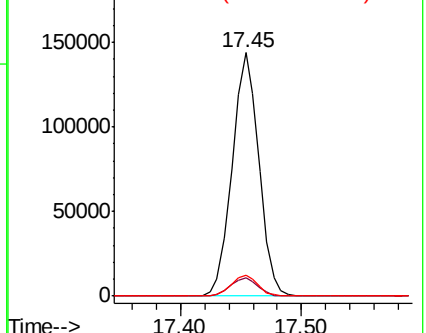
80 8.3 7.7 11.5

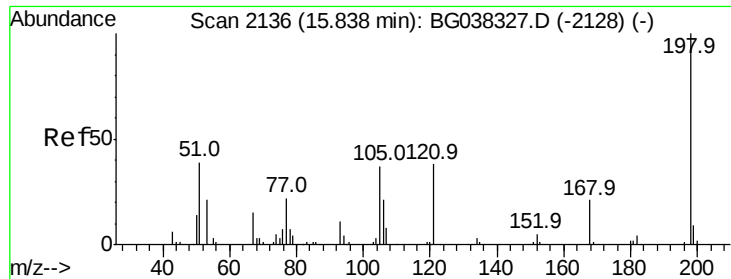


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.036 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

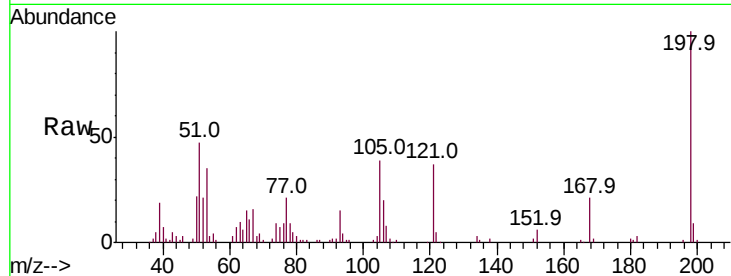
Tot Ion:198 Resp: 60949

Ion Ratio Lower Upper

198 100

51 46.7 22.7 62.7

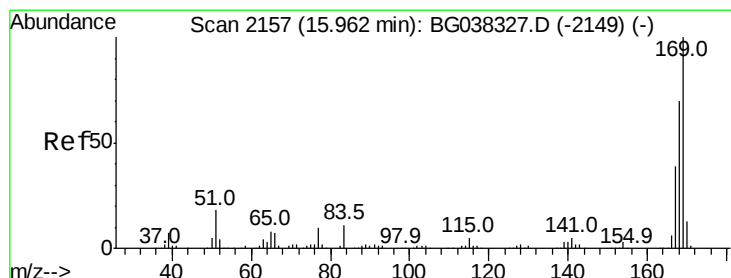
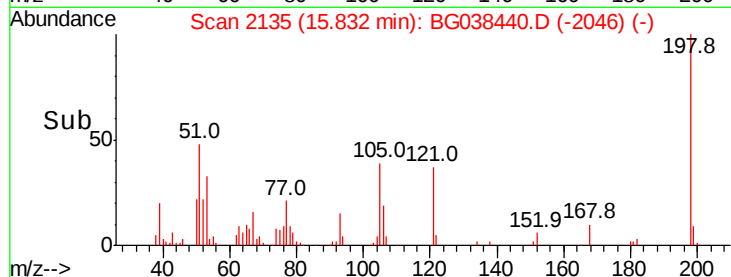
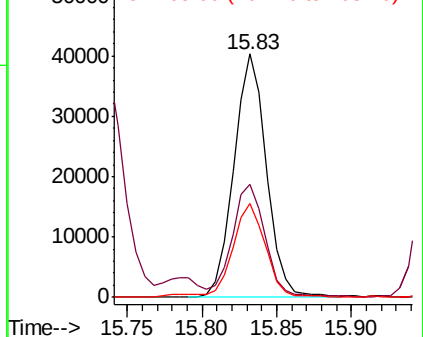
105 38.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038327.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.130 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

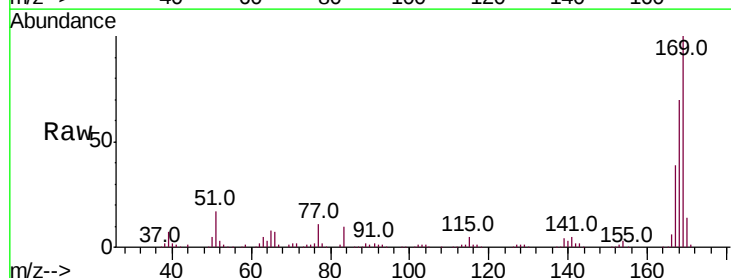
Tgt Ion:169 Resp: 262166

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

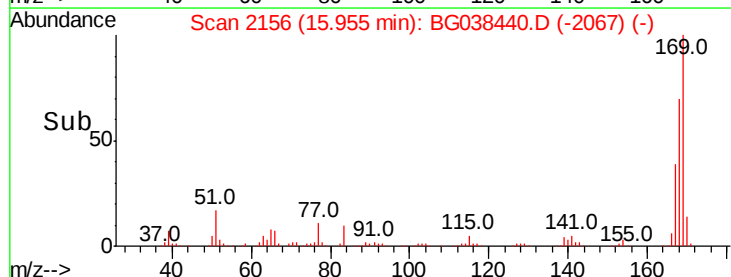
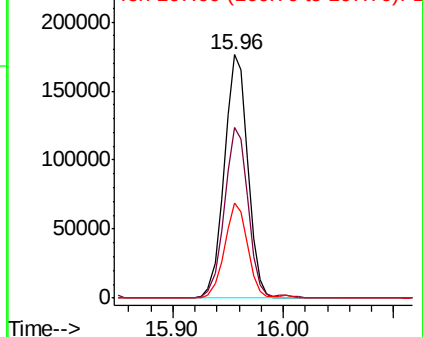
167 39.1 31.3 46.9

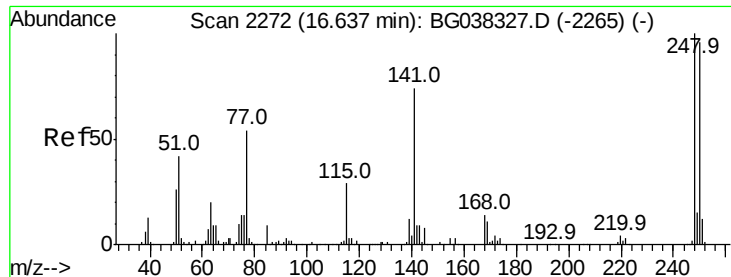


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

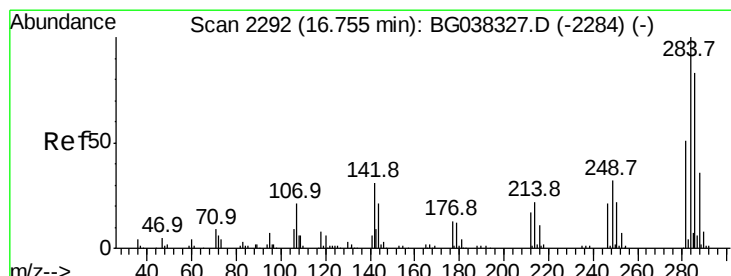
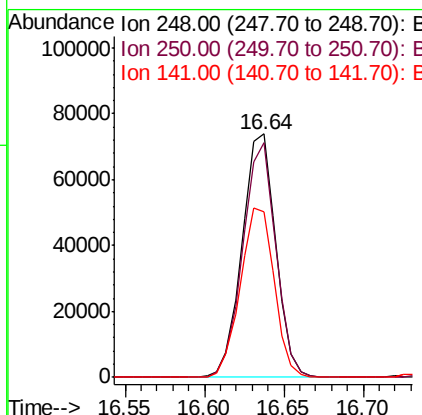
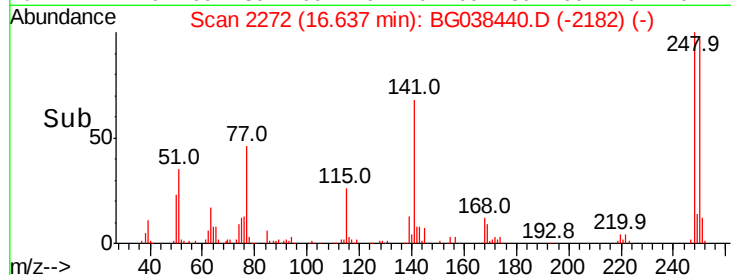
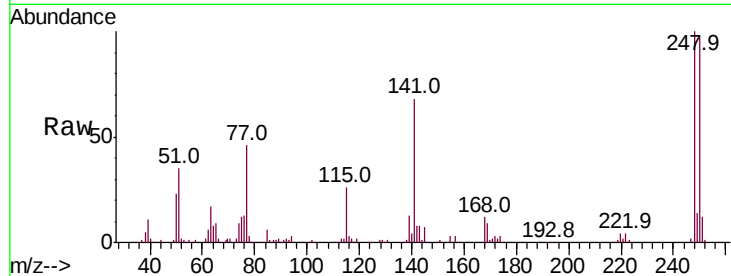




#67  
 4-Bromophenyl-phenylether  
 Concen: 45.450 ng  
 RT: 16.64 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

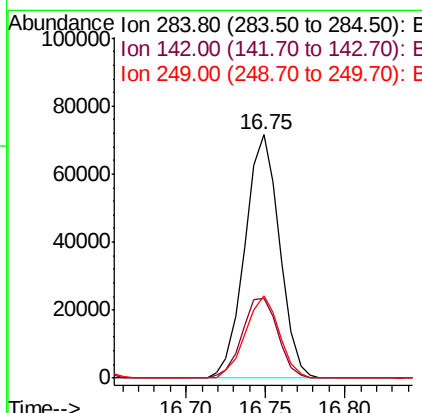
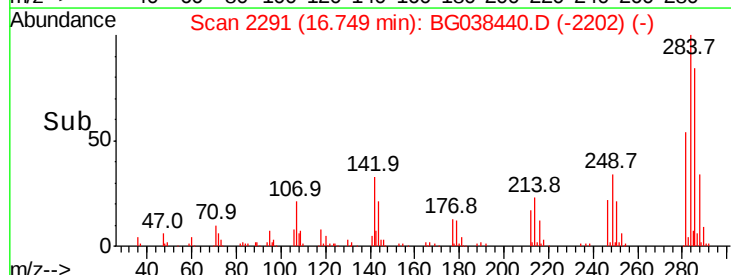
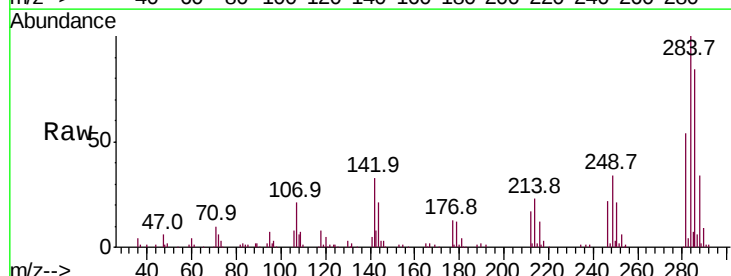
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

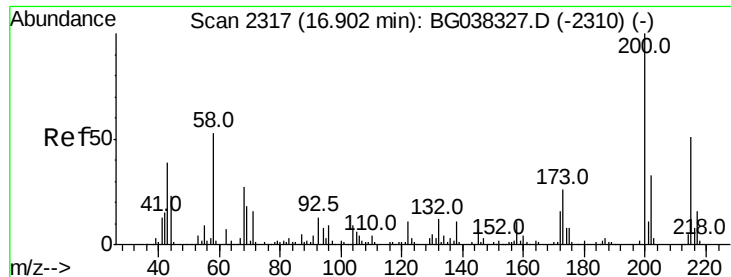
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.5  | 77.0  | 115.6 |
| 141     | 68.2  | 55.5  | 83.3  |



#68  
 Hexachlorobenzene  
 Concen: 44.036 ng  
 RT: 16.75 min Scan# 2291  
 Delta R.T. -0.01 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.6  | 28.1  | 42.1  |
| 249     | 36.3  | 29.8  | 44.8  |





#69

Atrazine

Concen: 42.518 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

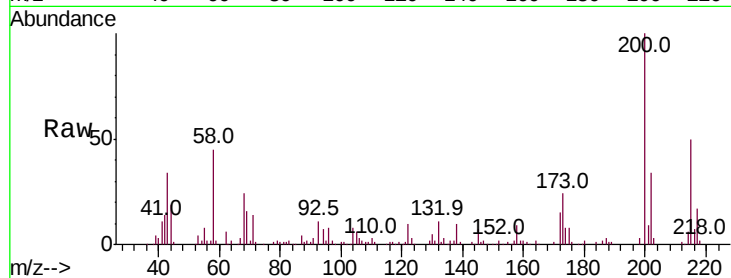
Tot Ion:200 Resp: 98727

Ion Ratio Lower Upper

200 100

173 24.2 6.1 46.1

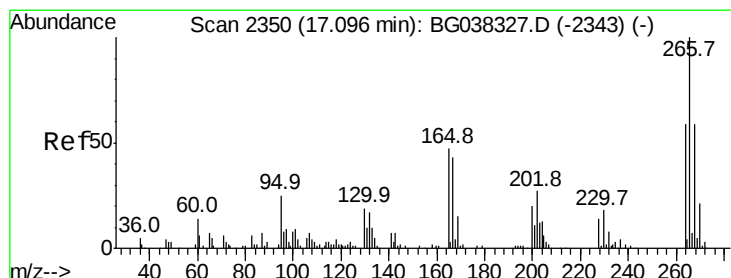
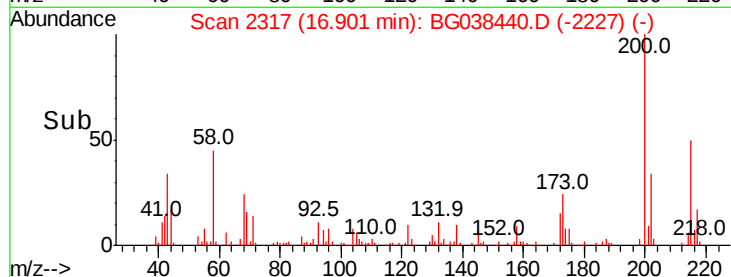
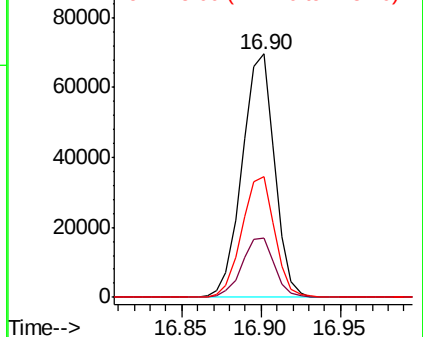
215 49.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.467 ng

RT: 17.10 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

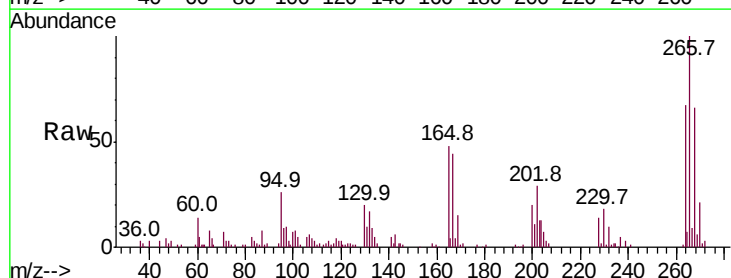
Tgt Ion:266 Resp: 66633

Ion Ratio Lower Upper

266 100

268 71.2 55.0 82.6

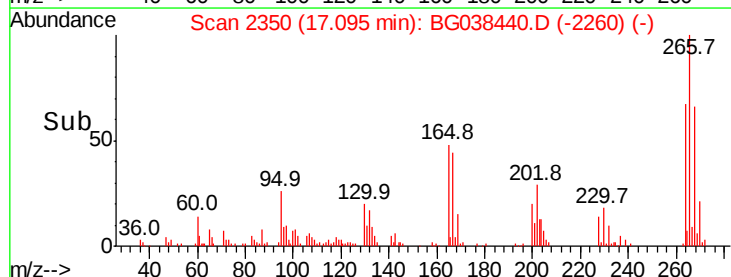
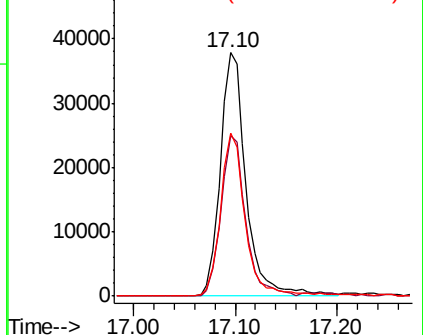
264 74.0 58.9 88.3

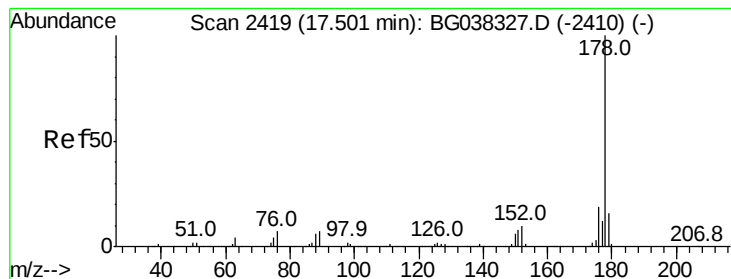


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.683 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

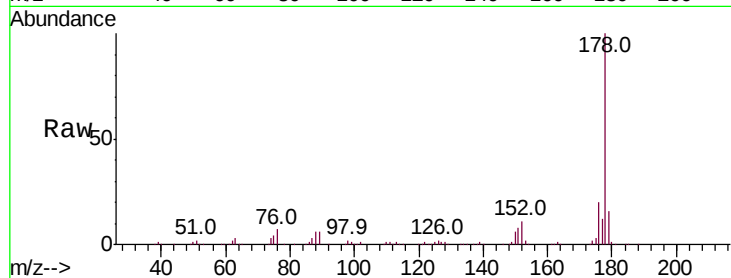
Tot Ion:178 Resp: 450856

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

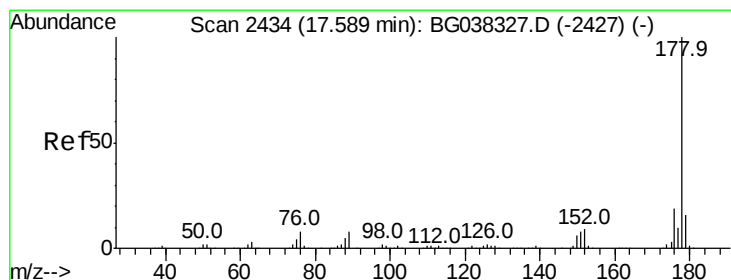
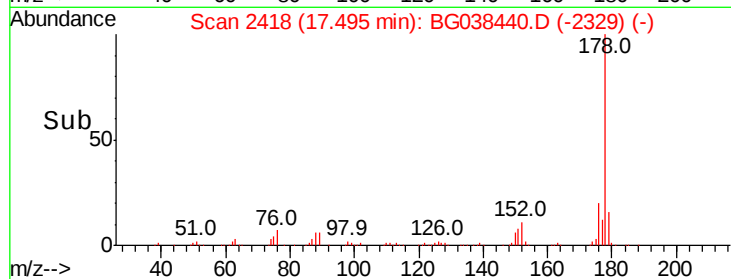
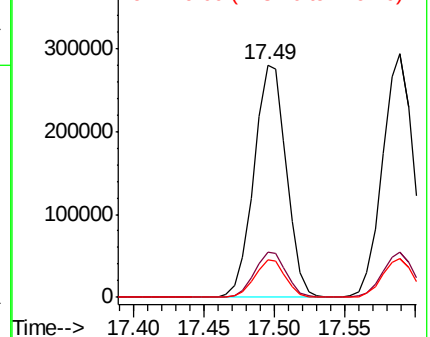
179 16.0 13.0 19.4



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



#72

Anthracene

Concen: 41.713 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

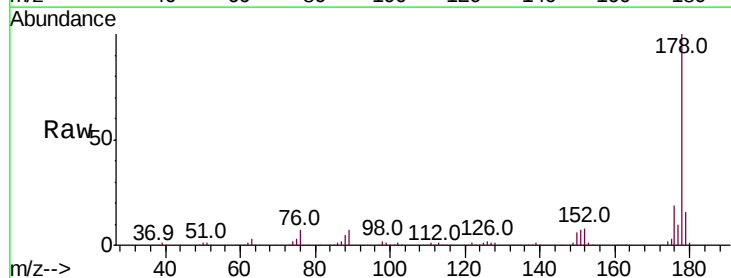
Tgt Ion:178 Resp: 447670

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

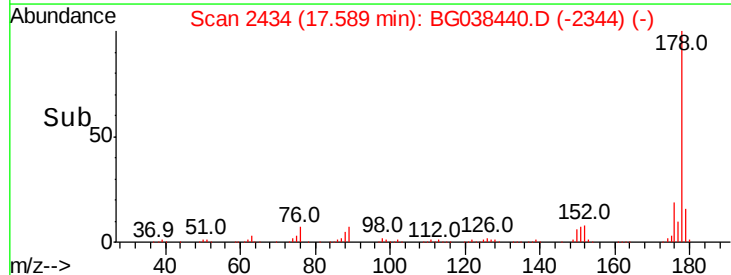
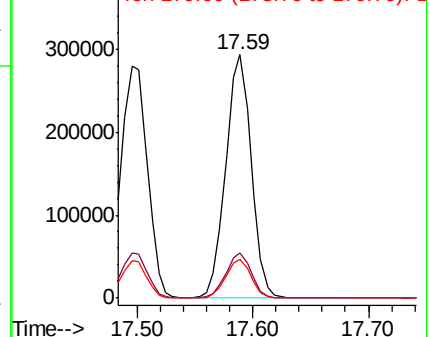
179 15.8 12.8 19.2

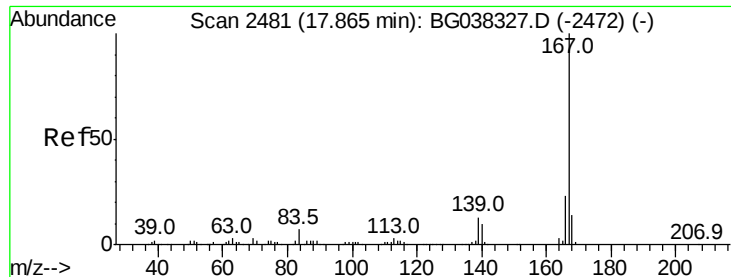


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

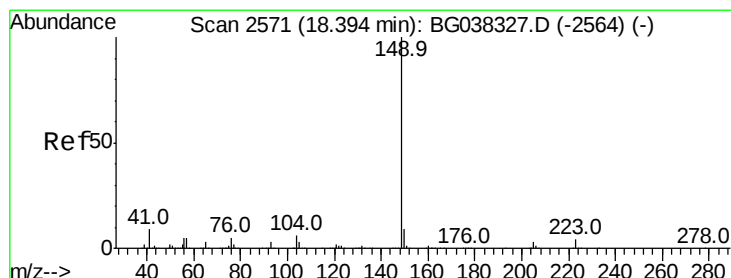
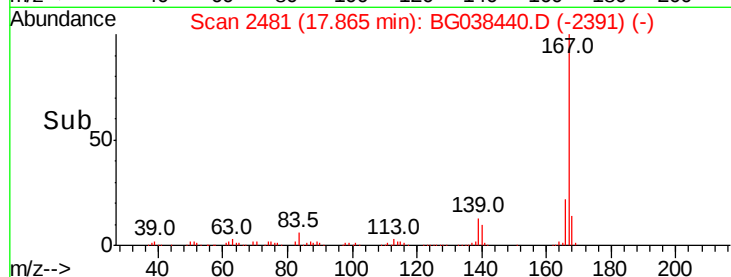
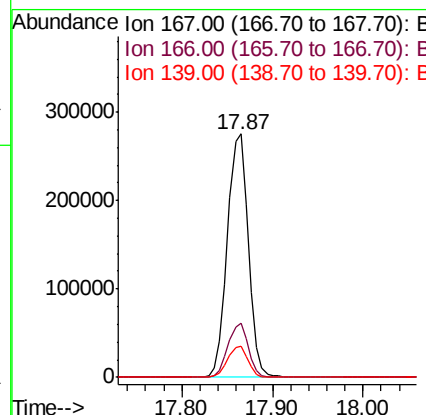
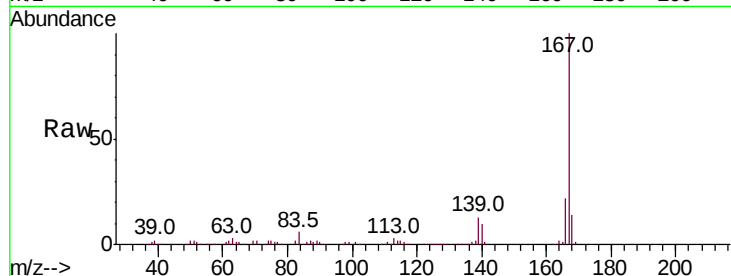




#73  
 Carbazole  
 Concen: 41.518 ng  
 RT: 17.87 min Scan# 2481  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

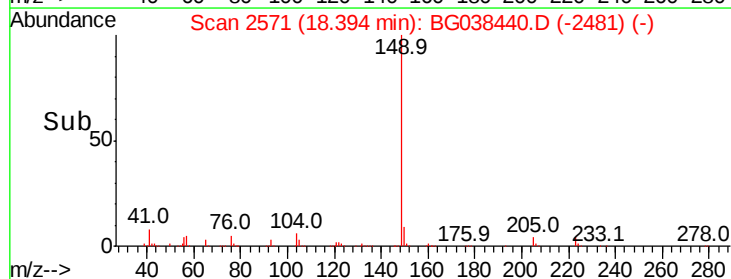
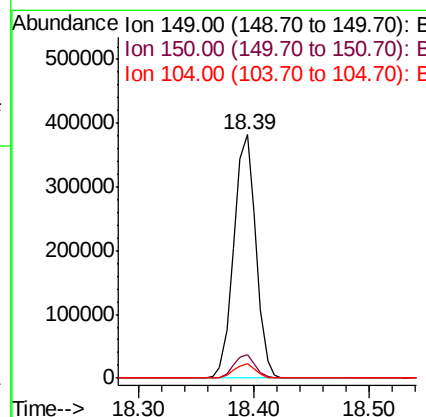
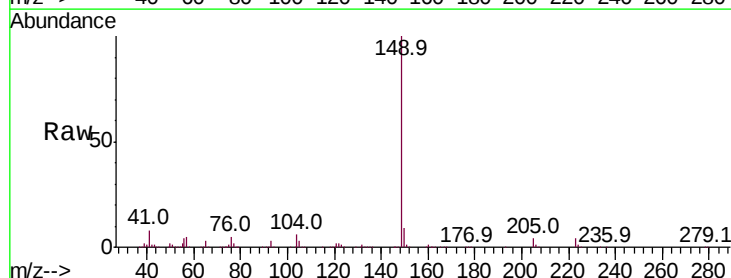
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

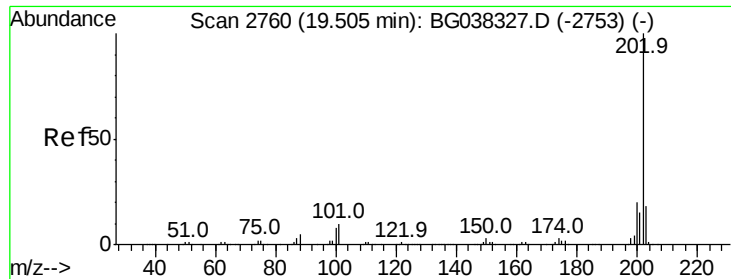
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 18.3  | 27.5  |
| 139     | 12.9  | 10.5  | 15.7  |



#74  
 Di-n-butylphthalate  
 Concen: 40.514 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. -0.00 min  
 Lab File: BG038440.D  
 Acq: 10 Dec 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.2   | 12.2  |
| 104     | 5.9   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 40.940 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

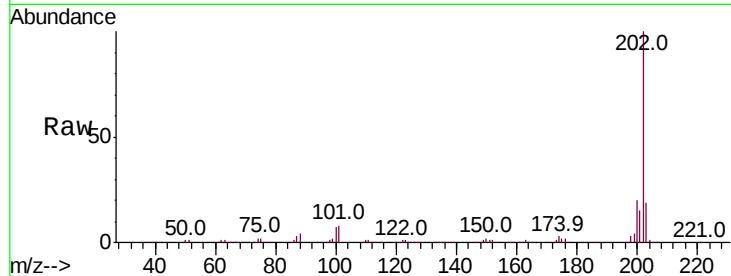
Tot Ion:202 Resp: 530088

Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.7

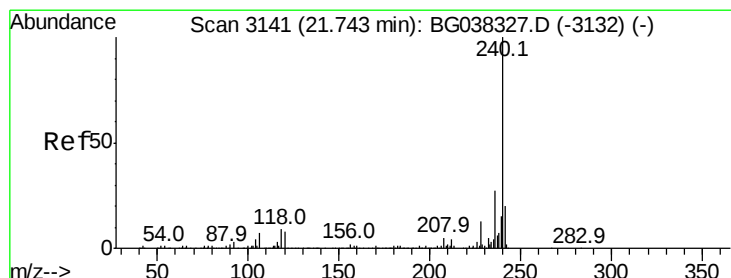
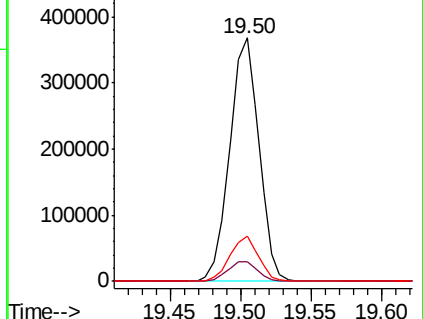
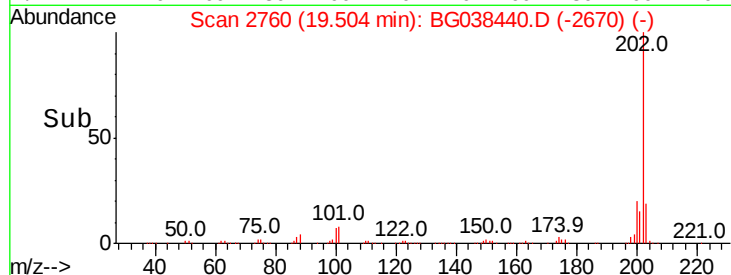
203 18.6 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

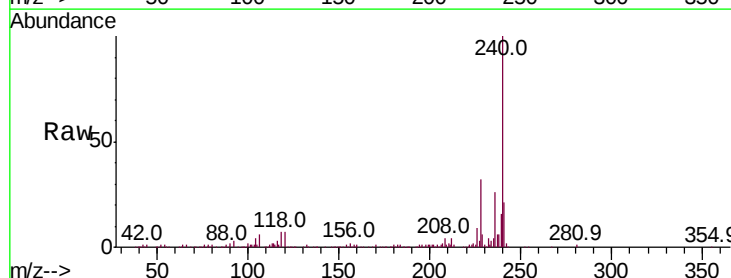
Tgt Ion:240 Resp: 208940

Ion Ratio Lower Upper

240 100

120 7.2 8.1 12.1#

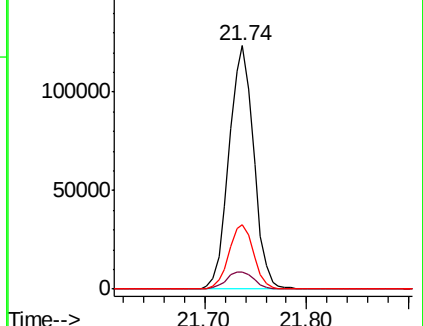
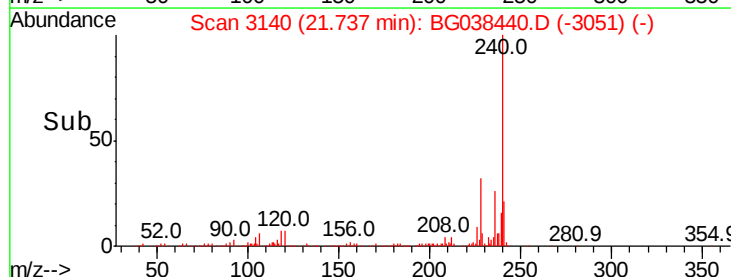
236 26.2 21.4 32.0

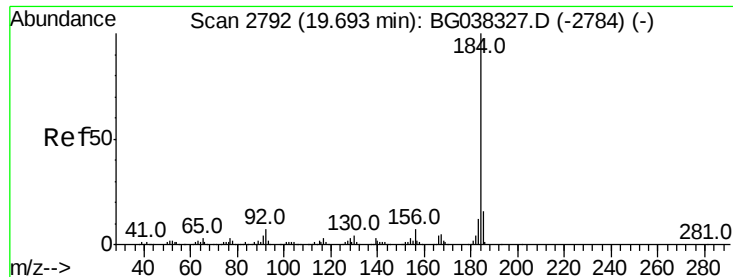


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.964 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

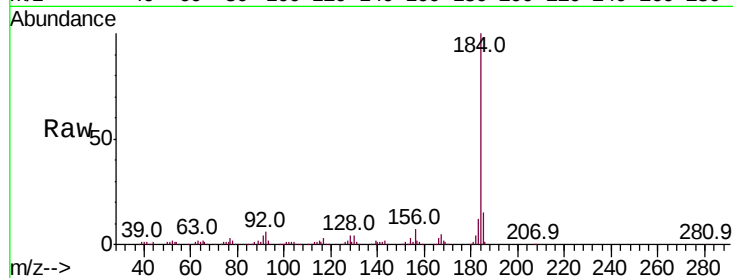
Tot Ion:184 Resp: 232414

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

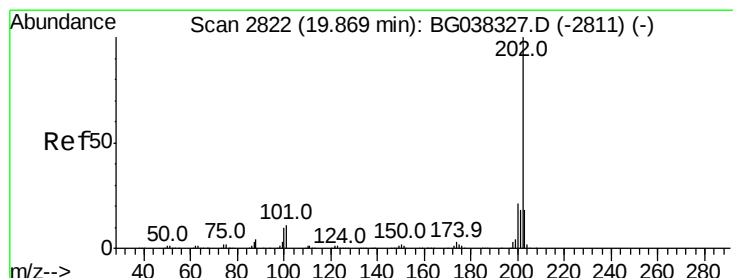
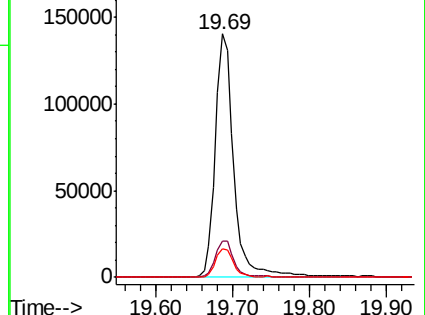
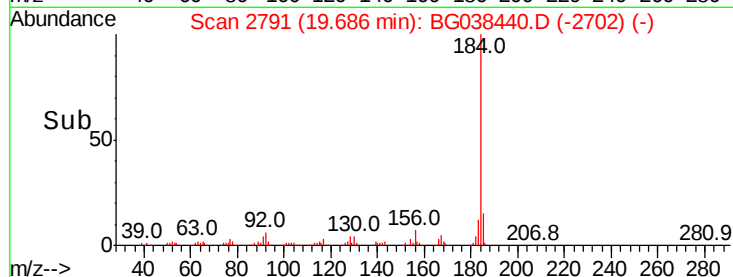
183 11.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.667 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

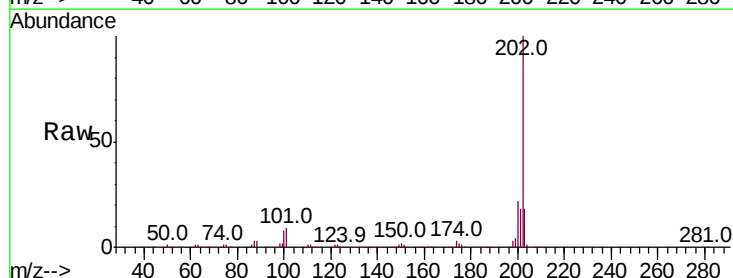
Tgt Ion:202 Resp: 536038

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

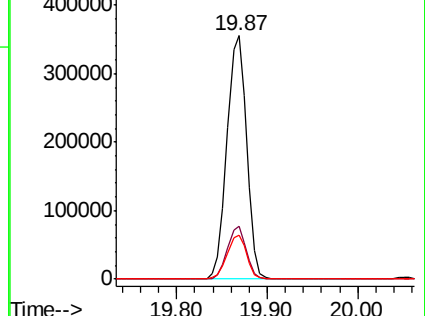
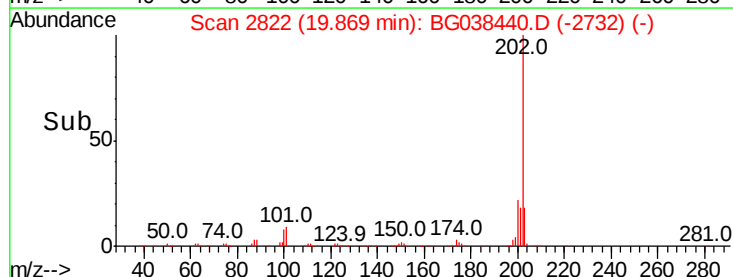
203 18.3 15.2 22.8

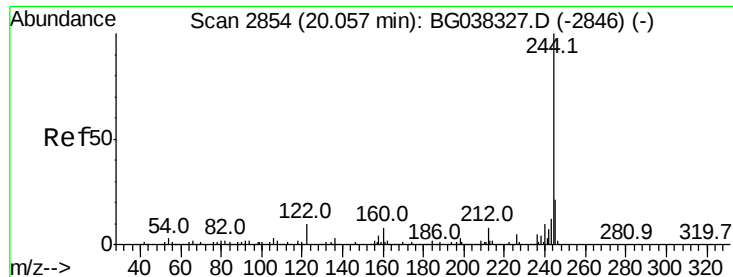


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.600 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

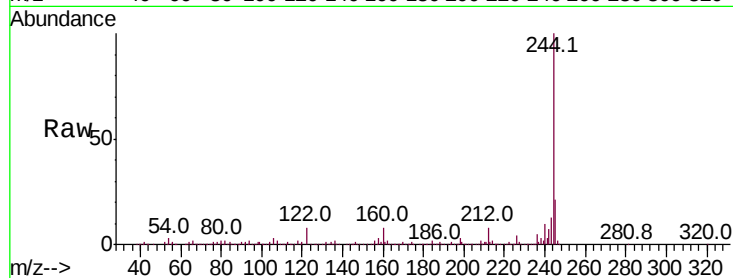
Tot Ion:244 Resp: 756854

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

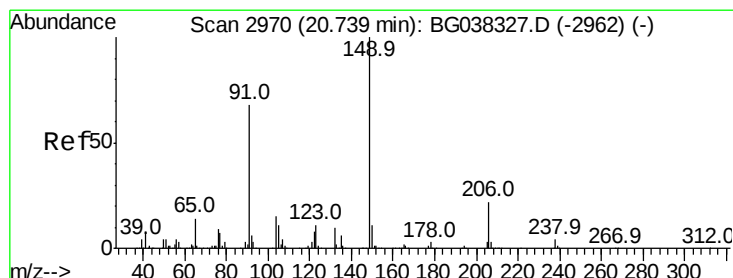
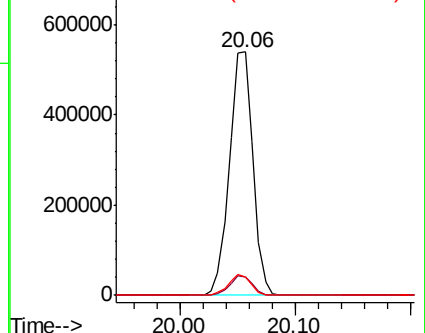
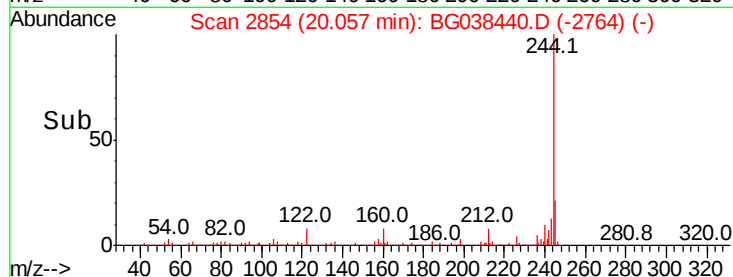
122 7.5 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.804 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

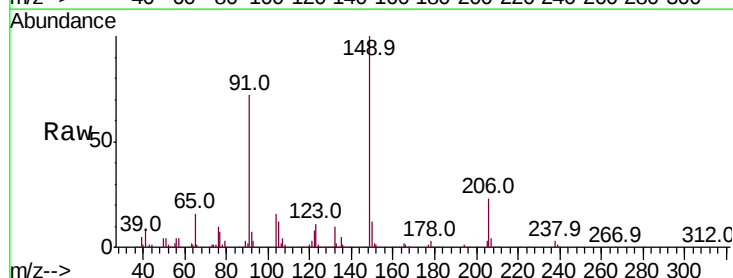
Tgt Ion:149 Resp: 222284

Ion Ratio Lower Upper

149 100

91 72.4 57.0 85.4

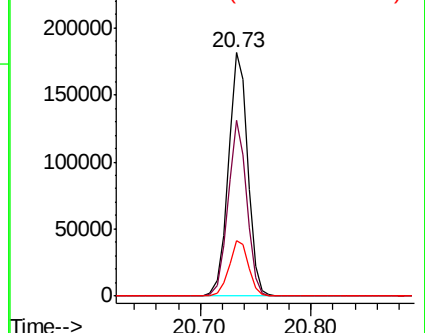
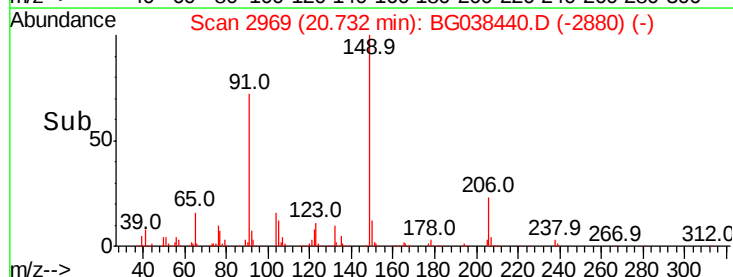
206 22.9 17.8 26.6

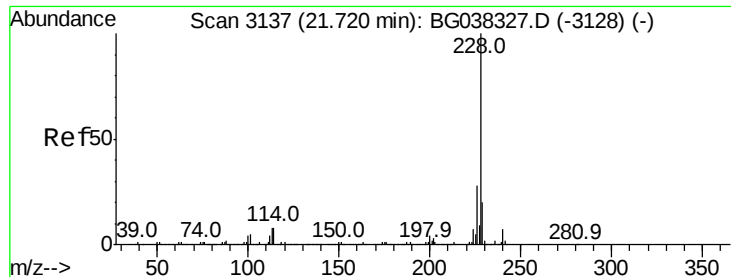


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

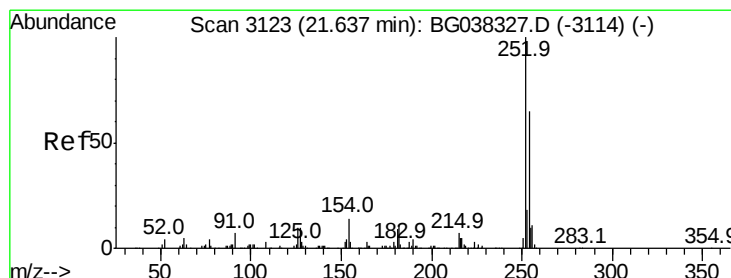
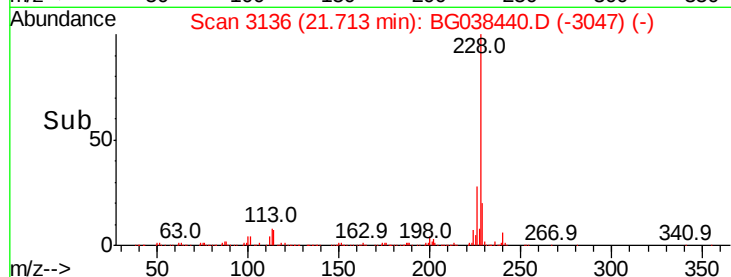
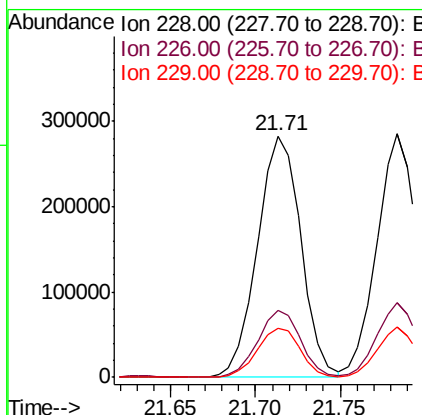
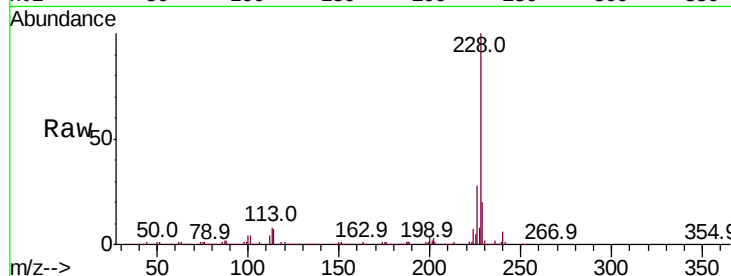




#81  
Benzo(a)anthracene  
Concen: 39.343 ng  
RT: 21.71 min Scan# 3136  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

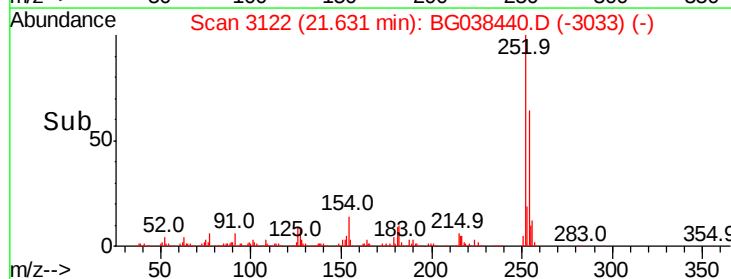
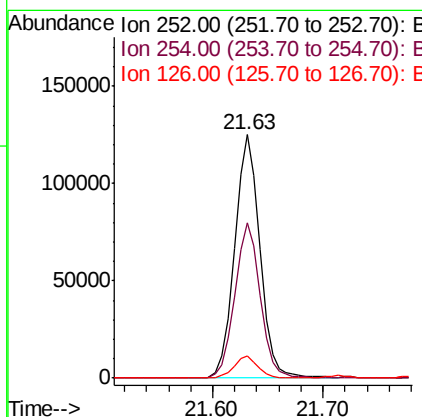
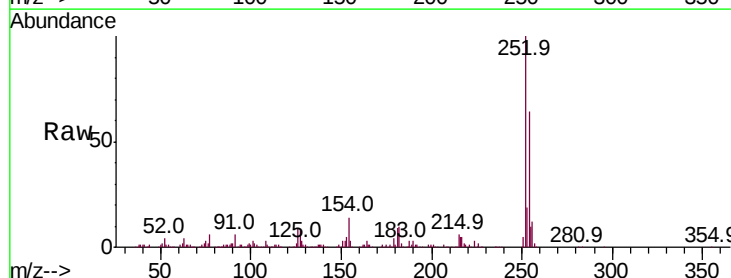
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

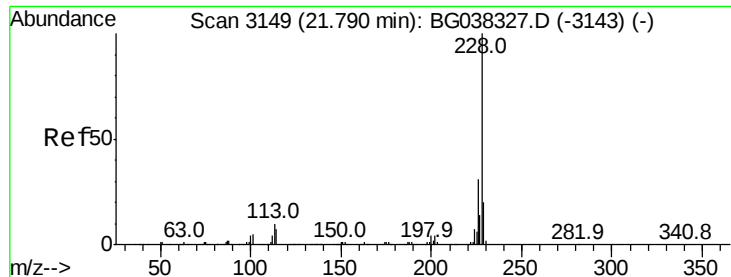
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.6  | 33.8  |
| 229     | 20.2  | 16.3  | 24.5  |



#82  
3,3'-Dichlorobenzidine  
Concen: 40.179 ng  
RT: 21.63 min Scan# 3122  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 52.0  | 78.0  |
| 126     | 9.0   | 8.2   | 12.4  |





#83

Chrvsene

Concen: 39.397 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

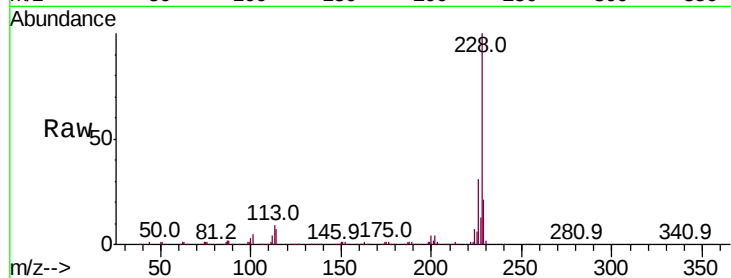
Tot Ion:228 Resp: 478757

Ion Ratio Lower Upper

228 100

226 30.8 25.7 38.5

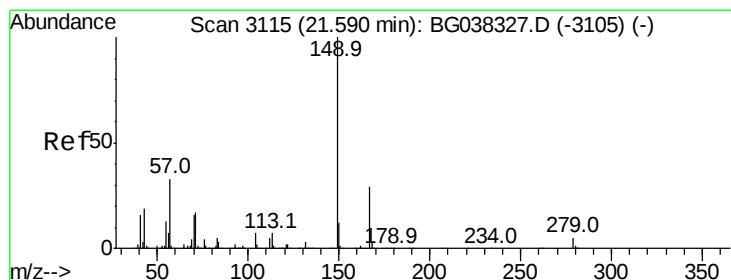
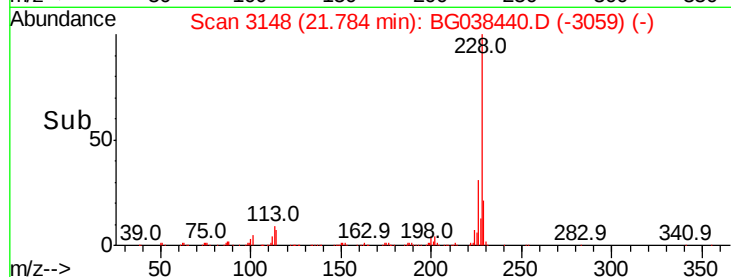
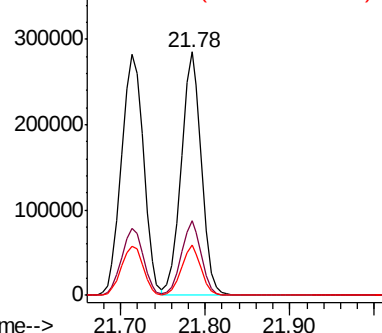
229 20.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.694 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

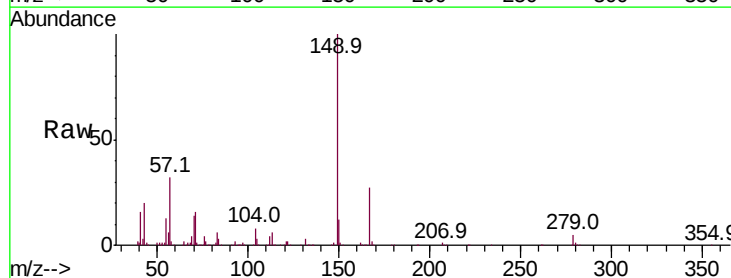
Tgt Ion:149 Resp: 314144

Ion Ratio Lower Upper

149 100

167 27.1 23.0 34.4

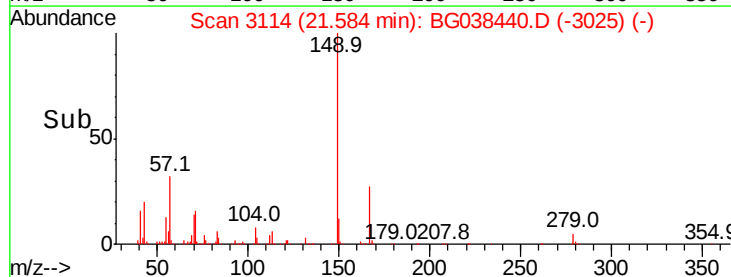
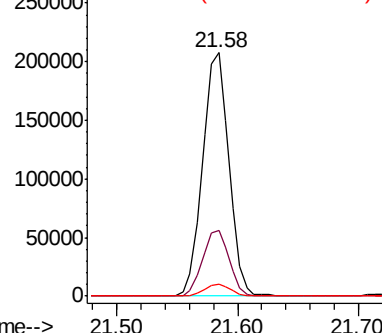
279 4.9 3.6 5.4

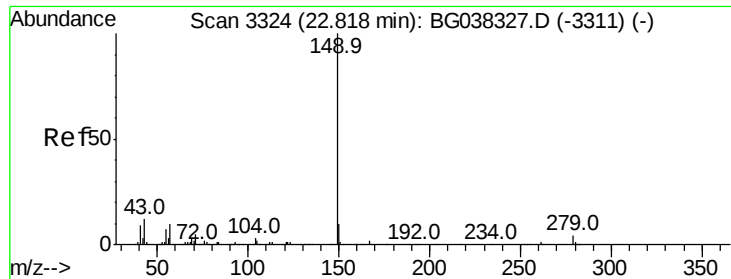


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

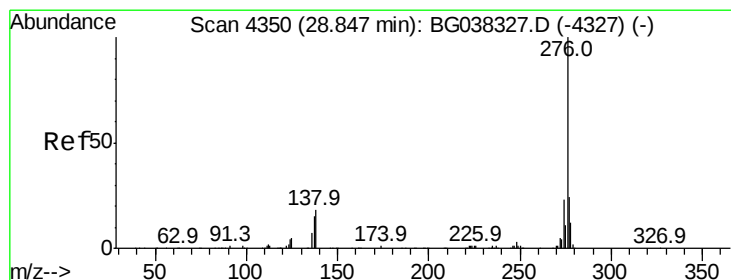
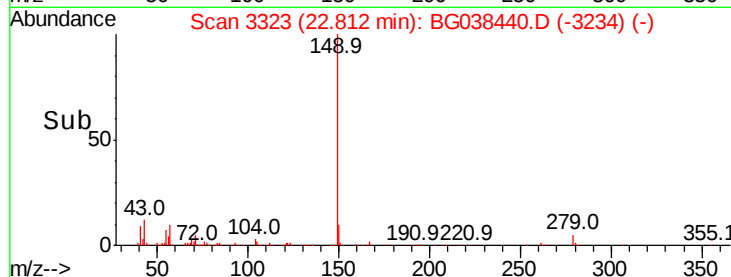
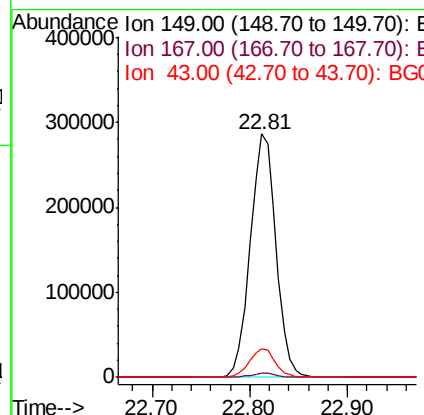
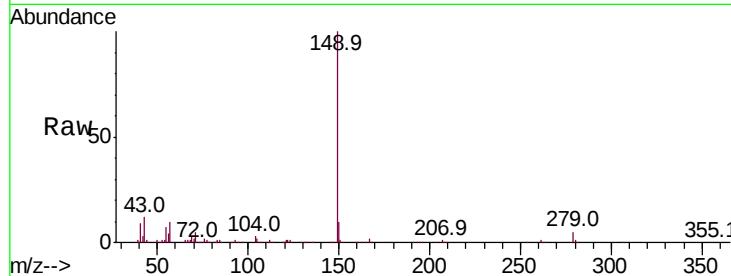




#85  
Di-n-octyl phthalate  
Concen: 36.957 ng  
RT: 22.81 min Scan# 3323  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

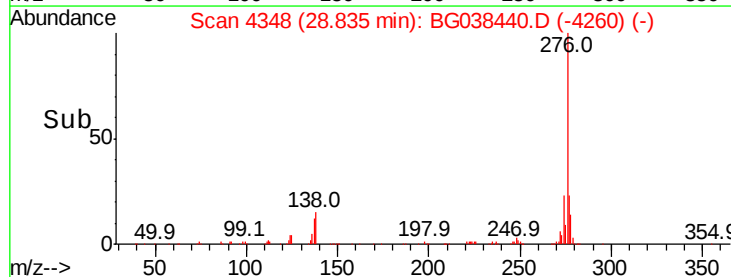
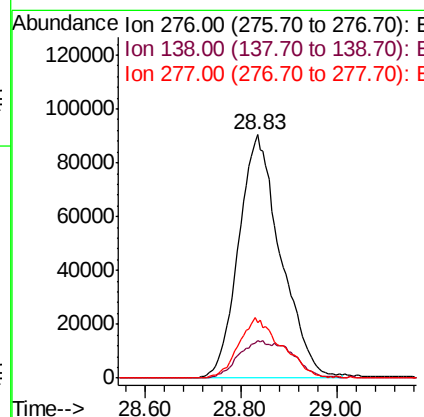
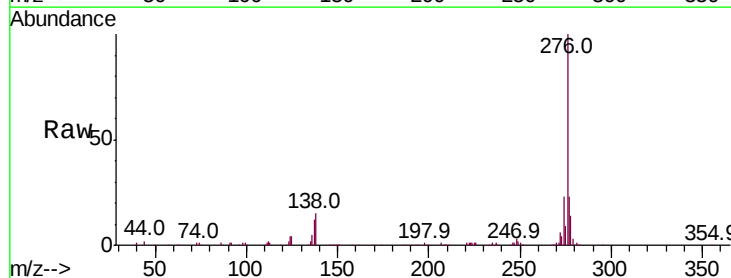
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

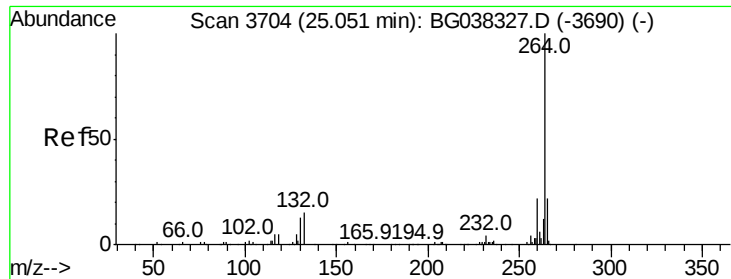
Tot Ion:149 Resp: 528114  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.9 8.7 13.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.940 ng  
RT: 28.83 min Scan# 4348  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:276 Resp: 551598  
Ion Ratio Lower Upper  
276 100  
138 11.5 12.0 18.0#  
277 25.2 20.6 30.8



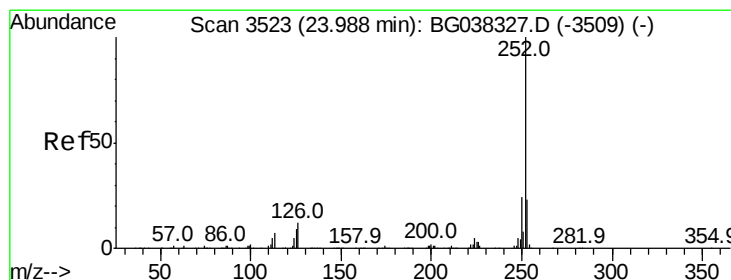
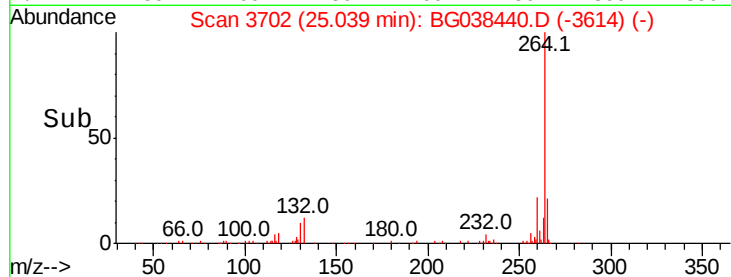
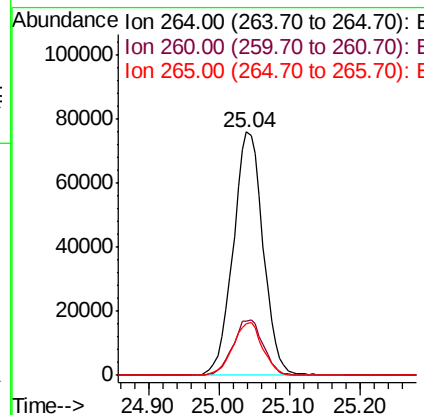
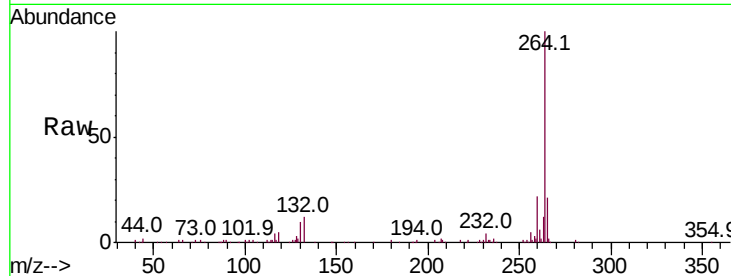


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.04 min Scan# 3702  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:264 Resp: 223363  

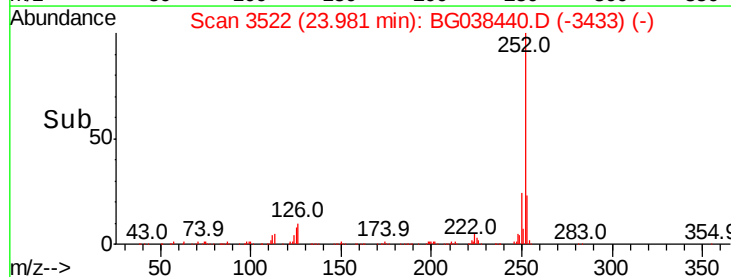
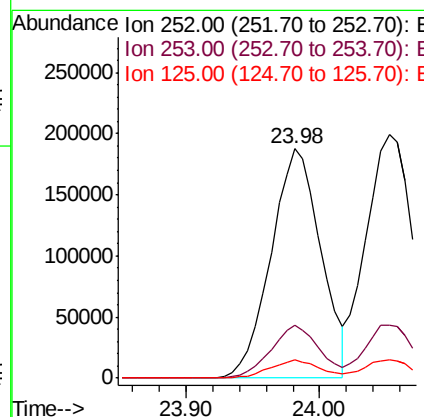
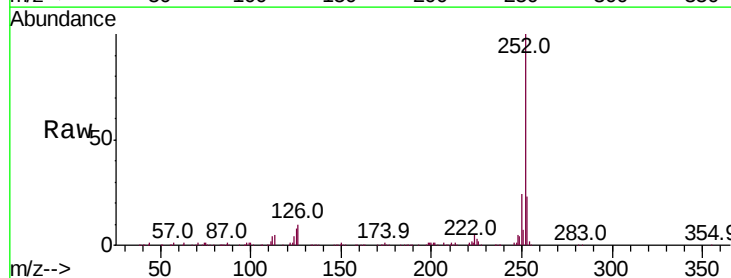
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 18.2  | 27.4  |
| 265 | 21.0  | 17.9  | 26.9  |

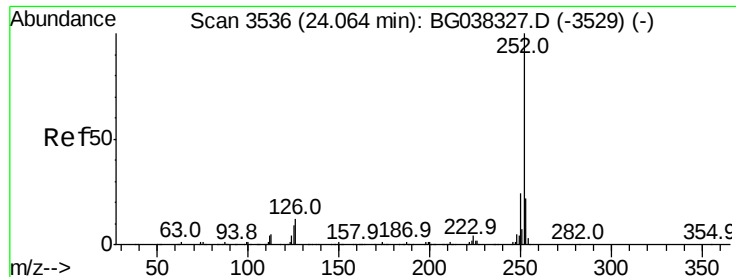


#88  
Benzo(b)fluoranthene  
Concen: 38.564 ng  
RT: 23.98 min Scan# 3522  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:252 Resp: 486704  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 18.2  | 27.2  |
| 125 | 8.1   | 7.8   | 11.6  |

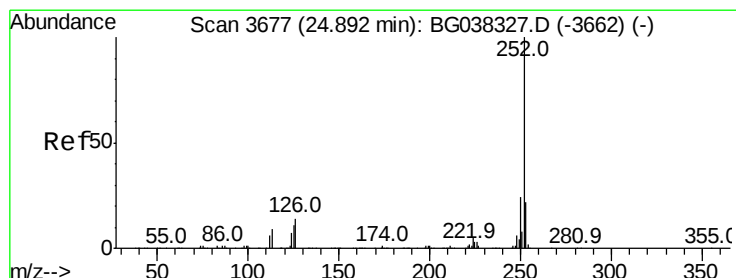
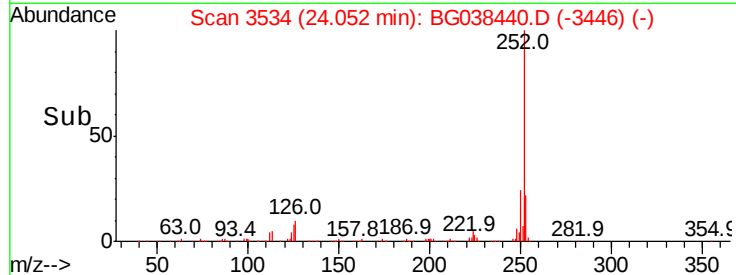
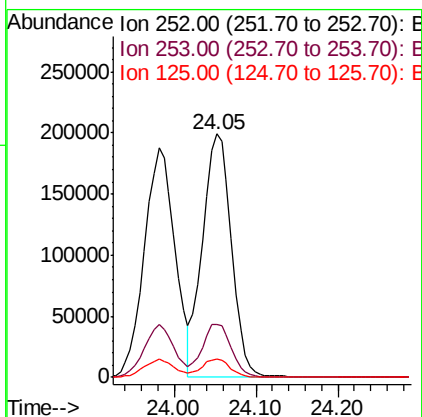
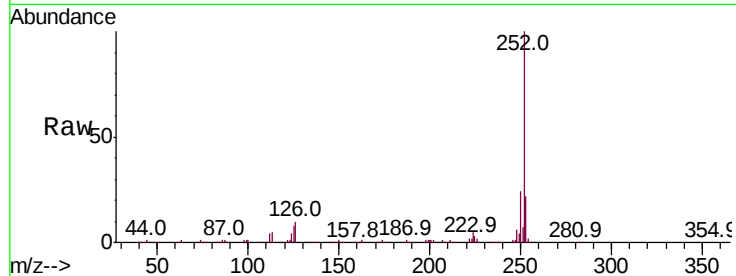




#89  
Benzo(k)fluoranthene  
Concen: 38.871 ng  
RT: 24.05 min Scan# 3534  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

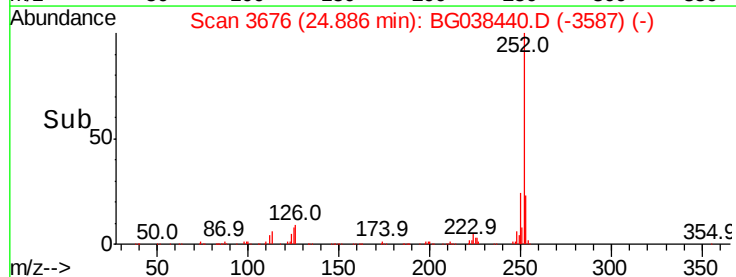
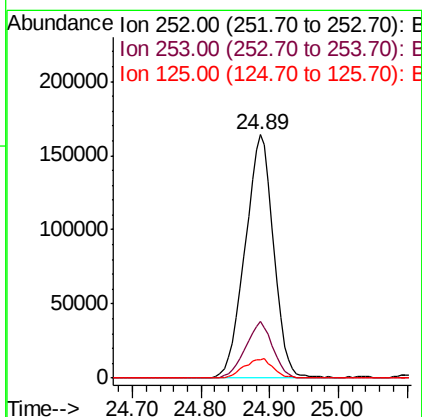
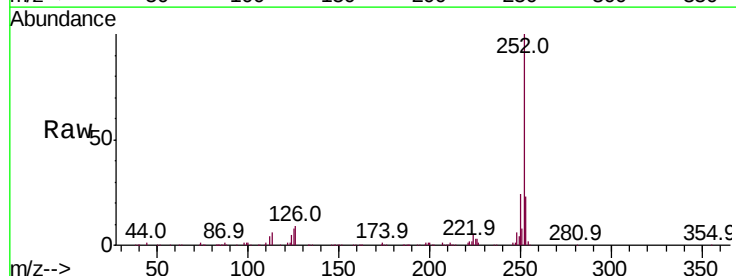
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

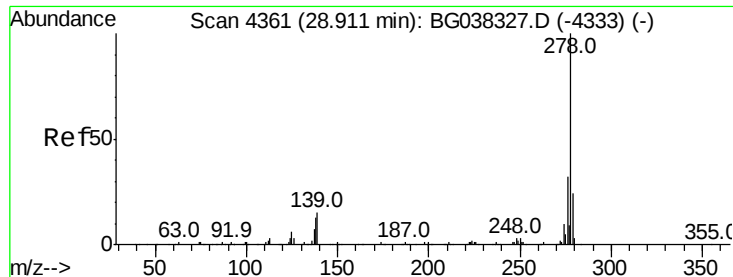
Tot Ion:252 Resp: 488606  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 7.7 7.4 11.0



#90  
Benzo(a)pyrene  
Concen: 38.773 ng  
RT: 24.89 min Scan# 3676  
Delta R.T. -0.01 min  
Lab File: BG038440.D  
Acq: 10 Dec 2018 15:41

Tgt Ion:252 Resp: 474653  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.4 26.2  
125 7.8 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.273 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

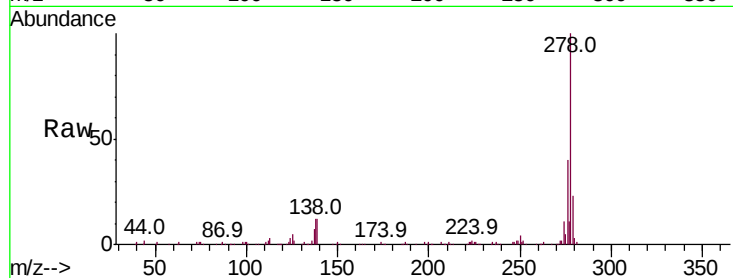
Tot Ion:278 Resp: 455990

Ion Ratio Lower Upper

278 100

139 11.9 11.5 17.3

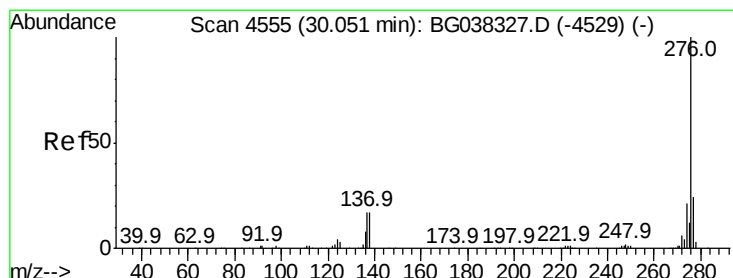
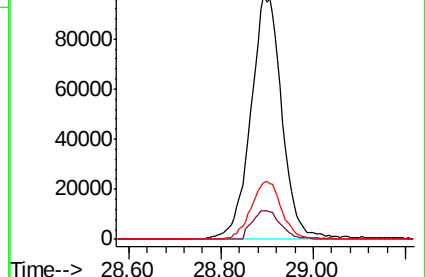
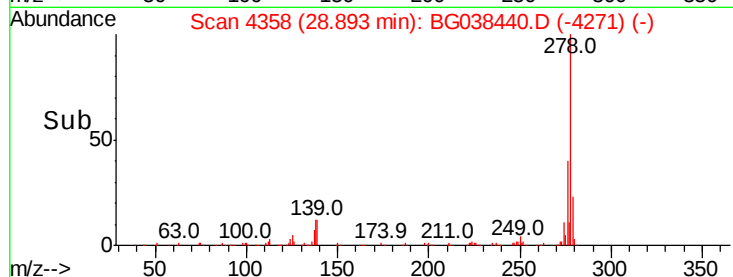
279 23.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.532 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

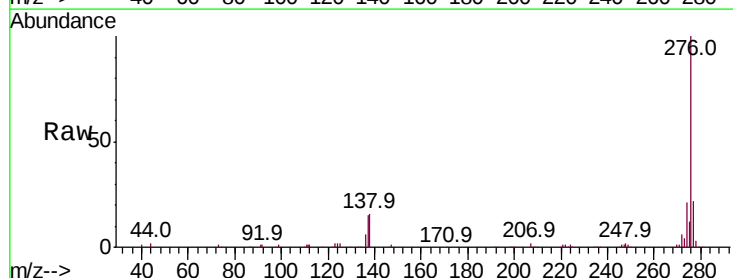
Tgt Ion:276 Resp: 455394

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 16.5 17.2 25.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

