

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG062119\  
 Data File : BG041382.D  
 Acq On : 21 Jun 2019 18:41  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jun 22 01:04:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 25925    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.88 | 136  | 110100   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.70 | 164  | 80980    | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.44 | 188  | 214776   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.72 | 240  | 205999   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.01 | 264  | 217124   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.59  | 112  | 105631   | 74.87 | ng    | -0.03    |
| 7) Phenol-d6                | 7.21  | 99   | 163120   | 79.76 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 208948   | 79.81 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 97273    | 78.24 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.32 | 172  | 490101   | 82.26 | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.04 | 244  | 923655   | 88.86 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88   | 26354    | 37.249 | ng    | 100    |
| 3) Pyridine                    | 3.85  | 79   | 67090    | 35.745 | ng    | 93     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42   | 35473    | 35.440 | ng    | 94     |
| 6) Aniline                     | 7.38  | 93   | 112307   | 39.506 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 65611    | 39.575 | ng    | 99     |
| 9) Benzaldehyde                | 7.20  | 77   | 48748    | 37.266 | ng    | 91     |
| 10) Phenol                     | 7.24  | 94   | 86069    | 39.135 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93   | 64059    | 38.388 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146  | 80889    | 38.967 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 80929    | 38.166 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 79418    | 39.213 | ng    | 94     |
| 15) Benzyl Alcohol             | 8.30  | 79   | 68306    | 34.859 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 102659   | 37.580 | ng    | 98     |
| 17) 2-Methylphenol             | 8.50  | 107  | 62507    | 39.754 | ng    | 93     |
| 18) Hexachloroethane           | 9.13  | 117  | 31934    | 38.004 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 66776    | 40.369 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.83  | 107  | 86564    | 41.356 | ng    | 93     |
| 22) Acetophenone               | 8.89  | 105  | 120823   | 37.711 | ng    | # 97   |
| 24) Nitrobenzene               | 9.28  | 77   | 99782    | 37.898 | ng    | 99     |
| 25) Isophorone                 | 9.79  | 82   | 187217   | 38.980 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.99  | 139  | 42740    | 40.040 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122  | 59950    | 37.468 | ng    | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 97221    | 38.849 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162  | 80466    | 40.559 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 95758    | 37.687 | ng    | 100    |
| 31) Naphthalene                | 10.93 | 128  | 229800   | 38.404 | ng    | 99     |
| 32) Benzoic acid               | 10.19 | 122  | 43770    | 42.023 | ng    | 95     |
| 33) 4-Chloroaniline            | 11.04 | 127  | 102004   | 40.138 | ng    | 93     |
| 34) Hexachlorobutadiene        | 11.18 | 225  | 74138    | 36.759 | ng    | 98     |
| 35) Caprolactam                | 11.84 | 113  | 27705    | 40.564 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.16 | 107  | 91594    | 39.970 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 12.53 | 142  | 170264   | 38.633 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.75 | 142  | 164426   | 38.995 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 126560   | 37.848 | ng    | 98     |

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 Acq On : 21 Jun 2019 18:41  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

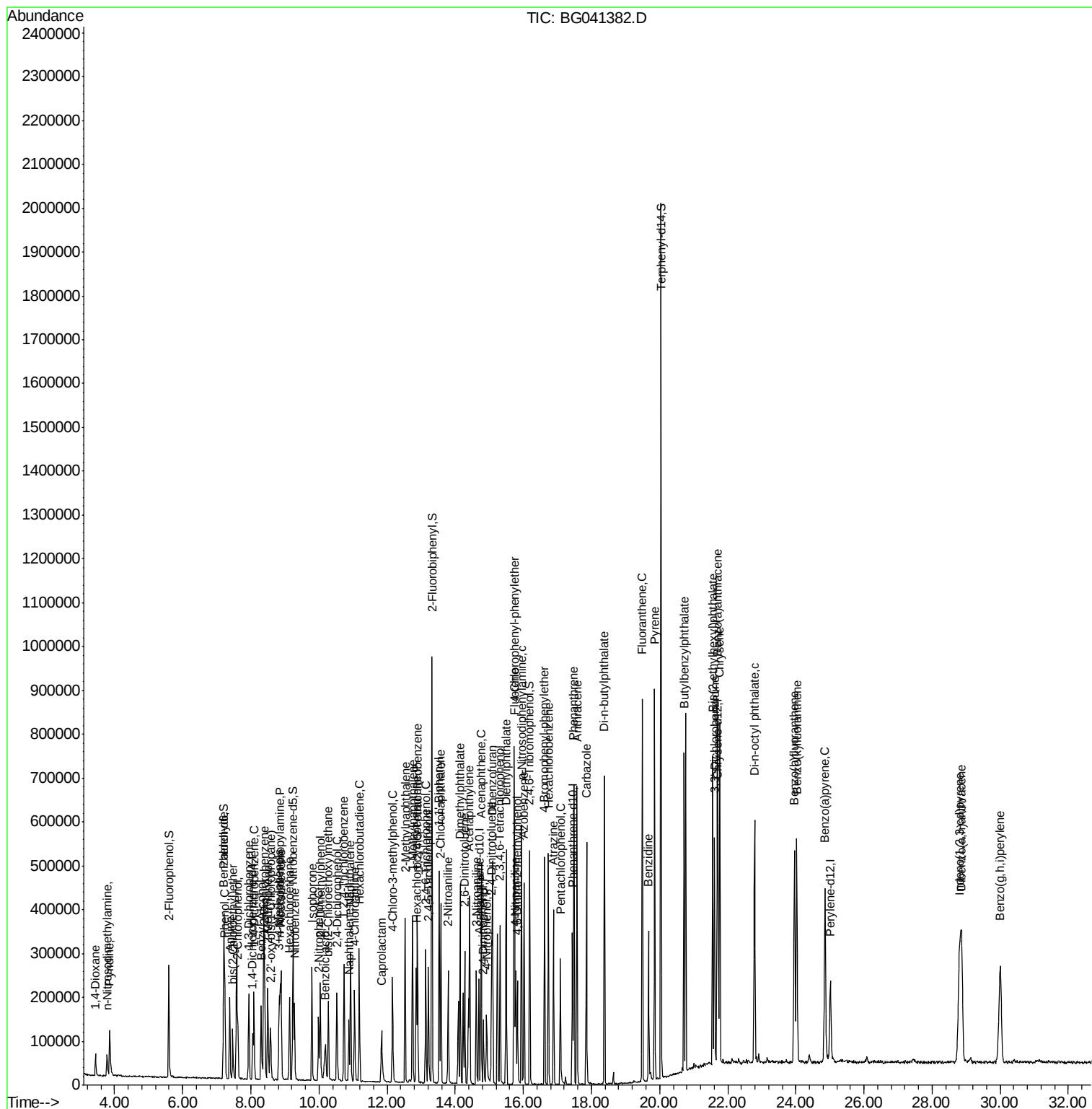
Quant Time: Jun 22 01:04:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

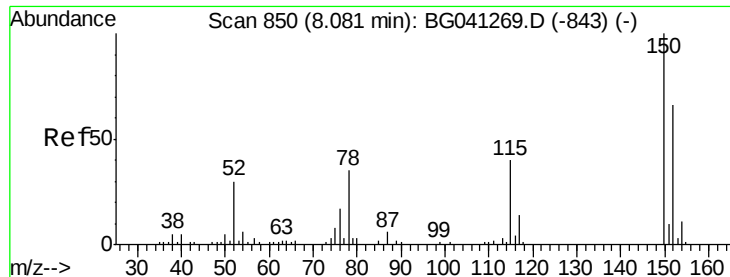
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 80760    | 35.855 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 82090    | 39.684 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 85266    | 40.060 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 237079   | 38.725 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 206001   | 39.084 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 75623    | 39.176 | ng    | 92       |
| 49) Acenaphthylene             | 14.42 | 152  | 310921   | 38.874 | ng    | 100      |
| 50) Dimethylphthalate          | 14.15 | 163  | 279541   | 38.797 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 59319    | 39.045 | ng    | 96       |
| 52) Acenaphthene               | 14.76 | 154  | 184927   | 39.375 | ng    | 95       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 60292    | 40.280 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 39174    | 38.534 | ng    | 87       |
| 55) Dibenzofuran               | 15.09 | 168  | 319368   | 39.110 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 41161    | 37.958 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 87826    | 39.546 | ng    | 94       |
| 58) Fluorene                   | 15.74 | 166  | 253463   | 39.458 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 86589    | 39.340 | ng    | 99       |
| 60) Diethylphthalate           | 15.50 | 149  | 290968   | 39.730 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 164027   | 39.247 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 64322    | 40.178 | ng    | 95       |
| 63) Azobenzene                 | 16.02 | 77   | 252560   | 38.656 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 56791    | 40.738 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 226999   | 39.805 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 106974   | 38.520 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 114247   | 38.417 | ng    | 97       |
| 69) Atrazine                   | 16.89 | 200  | 83691    | 38.691 | ng    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 59909    | 39.342 | ng    | 99       |
| 71) Phenanthrene               | 17.48 | 178  | 447027   | 39.025 | ng    | 98       |
| 72) Anthracene                 | 17.58 | 178  | 442408   | 39.176 | ng    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 387433   | 39.219 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 493311   | 40.021 | ng    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 573485   | 37.685 | ng    | 99       |
| 77) Benzidine                  | 19.67 | 184  | 224673   | 45.091 | ng    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 571588   | 41.143 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 211187   | 40.189 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 546451   | 39.178 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 200055   | 40.859 | ng    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 527747   | 39.345 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 286353   | 39.986 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 474889   | 39.196 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.81 | 276  | 607218   | 38.156 | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 517451   | 38.455 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 505172   | 37.897 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 489769   | 38.540 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.87 | 278  | 492184   | 38.470 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.00 | 276  | 488194   | 38.612 | ng    | 98       |

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\  
Data File : BG041382.D  
Acq On    : 21 Jun 2019   18:41  
Operator  : HP/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Quant Time: Jun 22 01:04:09 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 17 14:58:02 2019  
Response via : Initial Calibration



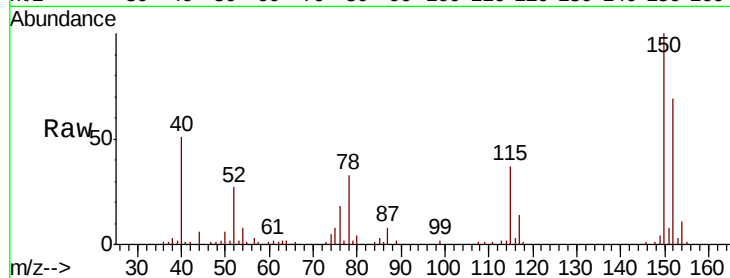


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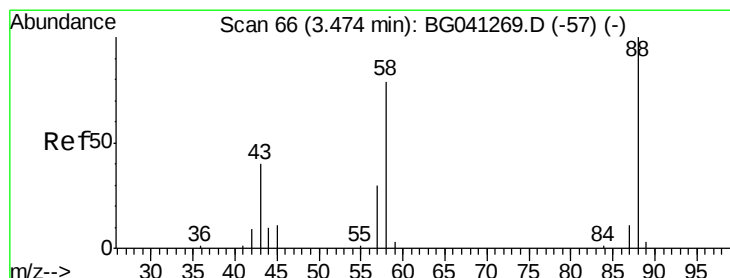
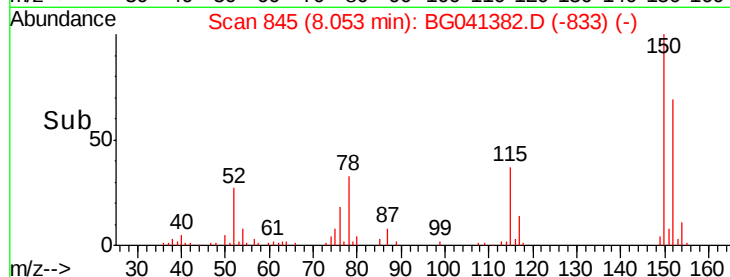
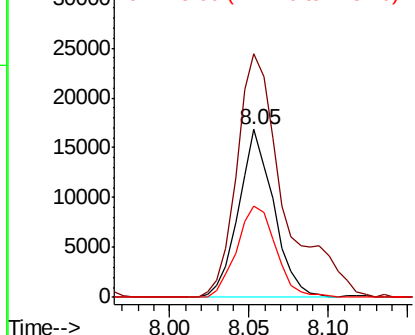
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 25925  
Ion Ratio Lower Upper  
152 100  
150 145.0 120.6 181.0  
115 54.2 47.9 71.9



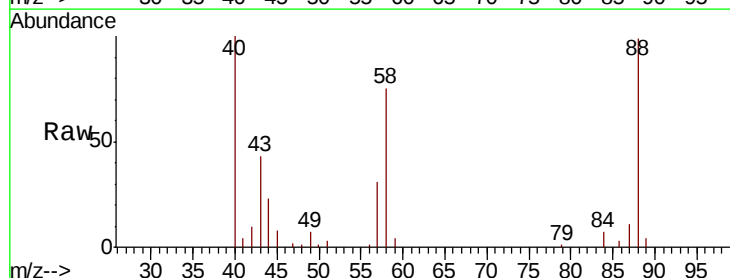
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



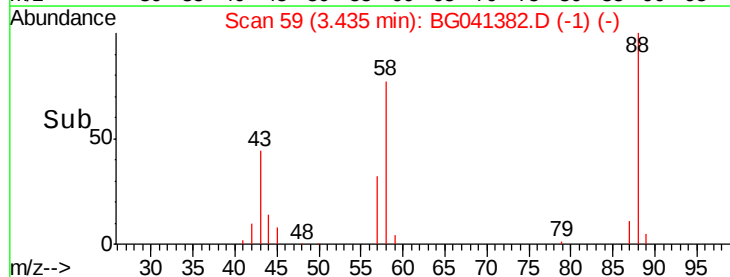
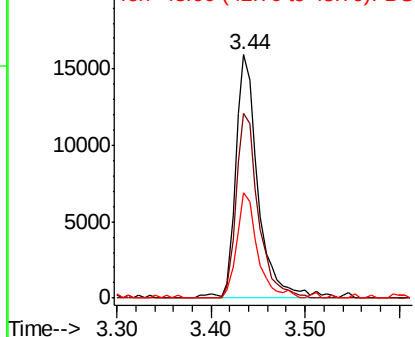
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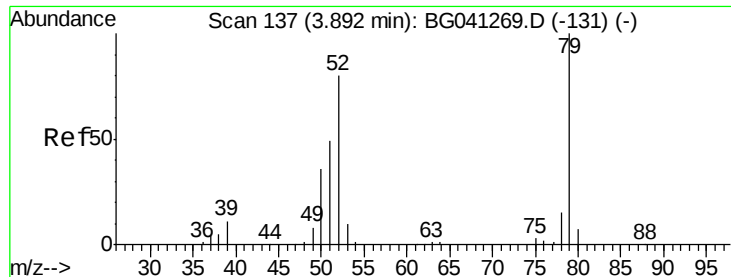
1,4-Dioxane  
Concen: 37.249 ng  
RT: 3.44 min Scan# 59  
Delta R.T. -0.04 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion: 88 Resp: 26354  
Ion Ratio Lower Upper  
88 100  
58 74.3 59.7 89.5  
43 39.9 31.9 47.9



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

Pyridine

Concen: 35.745 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.04 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

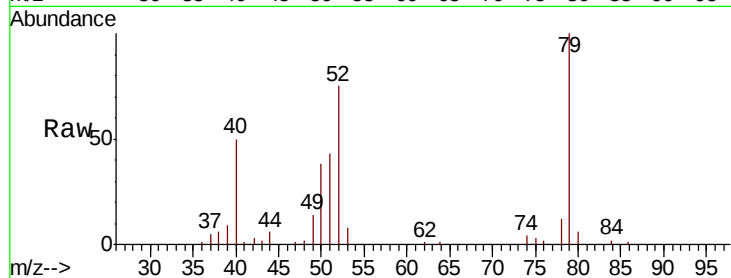
Tgt Ion: 79 Resp: 67090

Ion Ratio Lower Upper

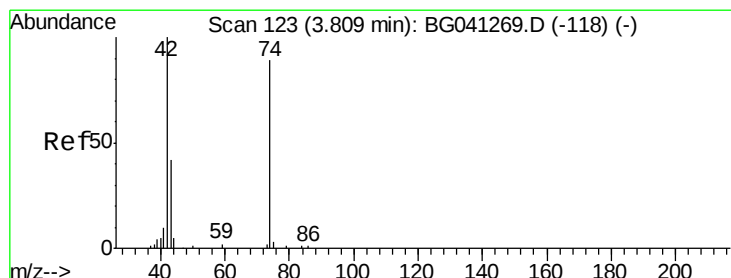
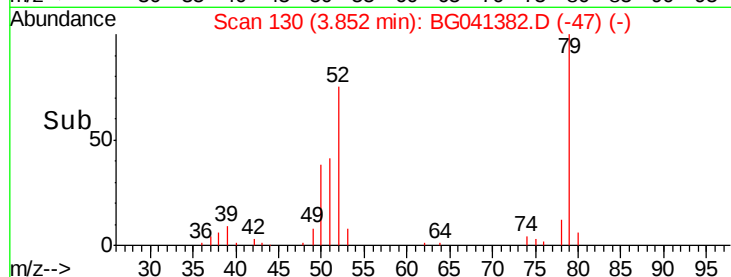
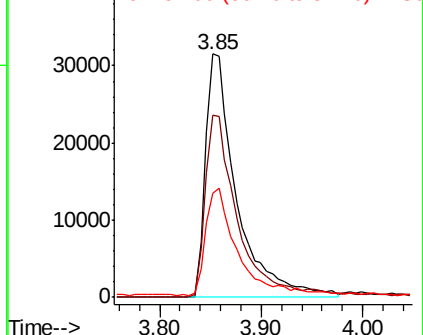
79 100

52 74.9 63.6 95.4

51 42.8 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 35.440 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

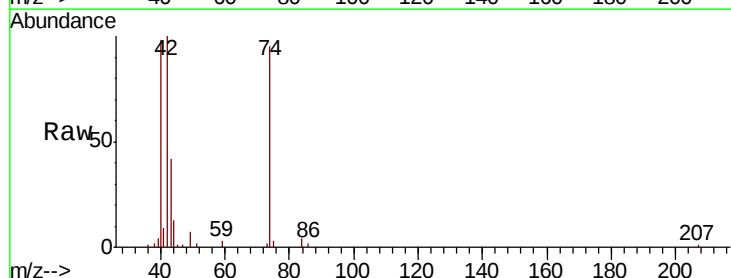
Tgt Ion: 42 Resp: 35473

Ion Ratio Lower Upper

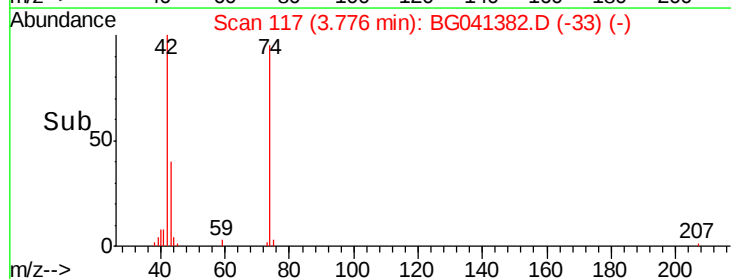
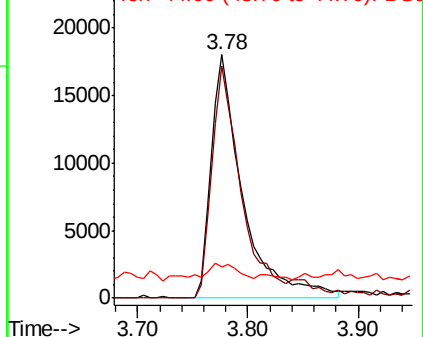
42 100

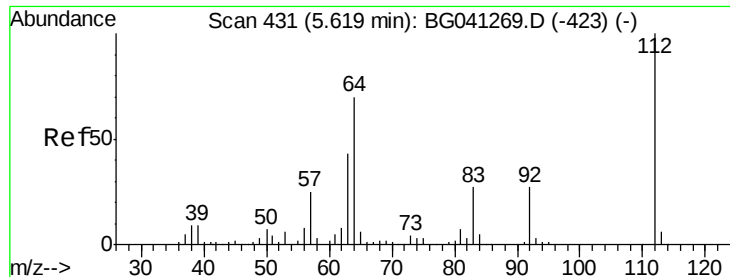
74 95.3 71.6 107.4

44 12.9 9.0 13.4



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





#5

2-Fluorophenol

Concen: 74.865 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

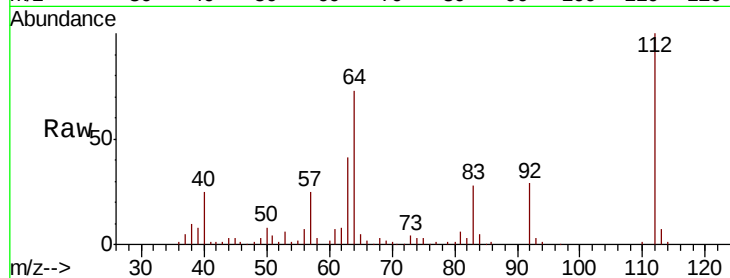
Tgt Ion: 112 Resp: 105631

Ion Ratio Lower Upper

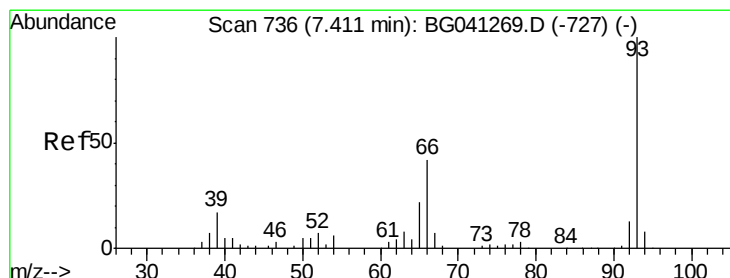
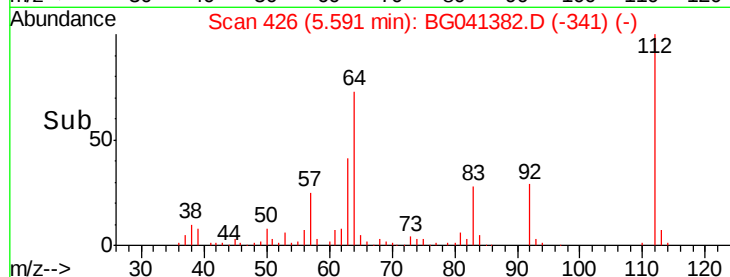
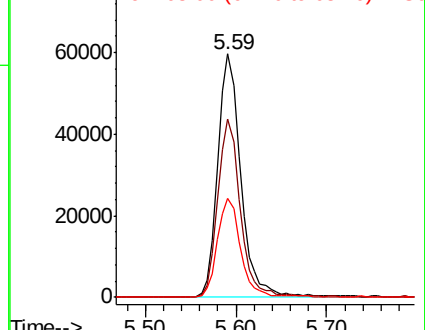
112 100

64 73.3 55.9 83.9

63 40.6 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.506 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

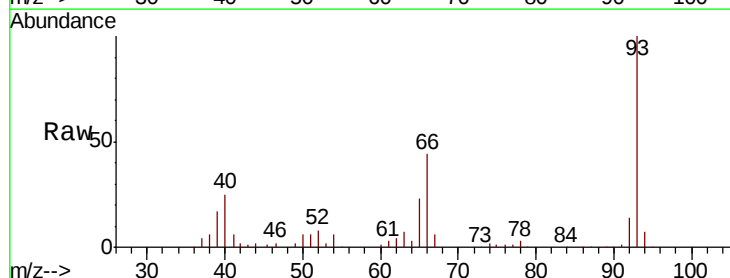
Tgt Ion: 93 Resp: 112307

Ion Ratio Lower Upper

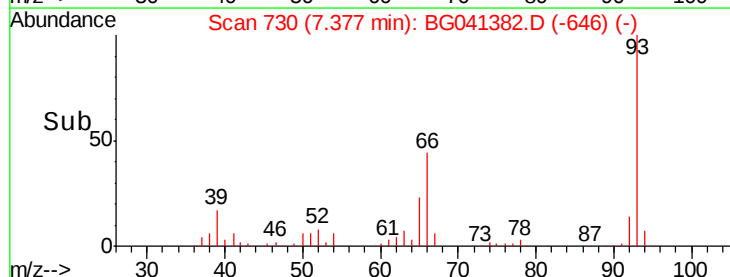
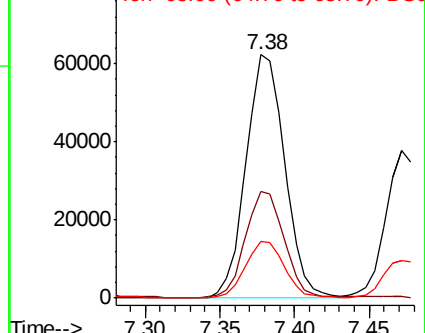
93 100

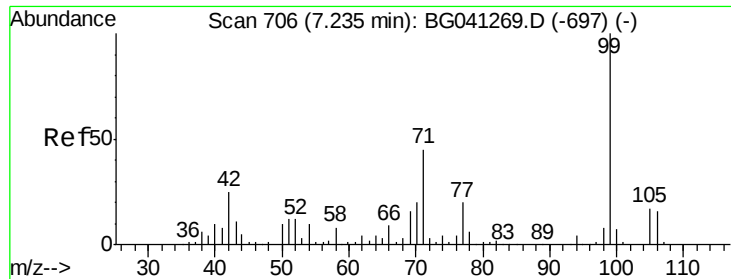
66 43.9 34.2 51.2

65 23.3 17.7 26.5



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: 79.758 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

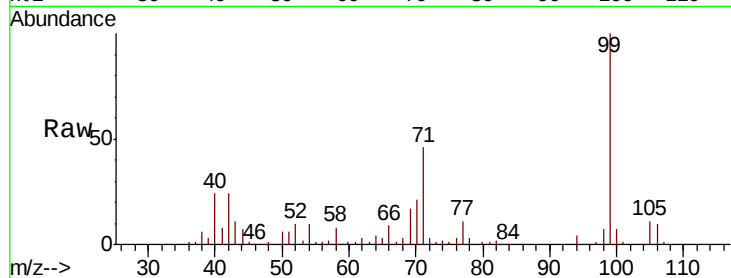
Tgt Ion: 99 Resp: 163120

Ion Ratio Lower Upper

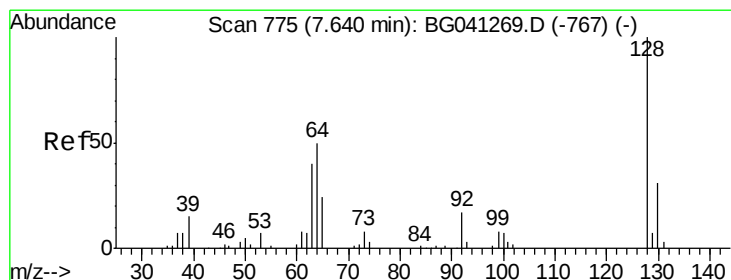
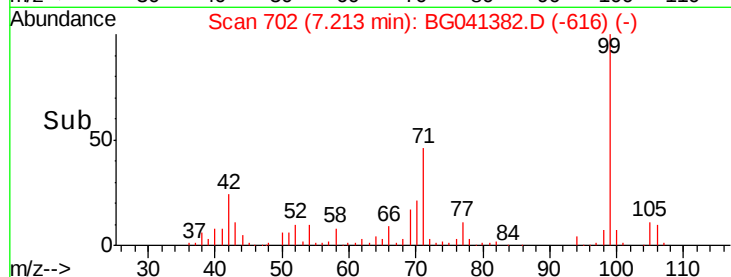
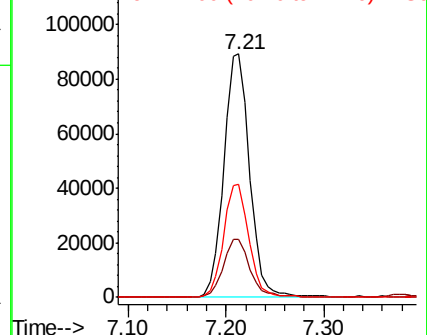
99 100

42 23.6 19.9 29.9

71 46.3 36.4 54.6



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



#8

2-Chlorophenol

Concen: 39.575 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

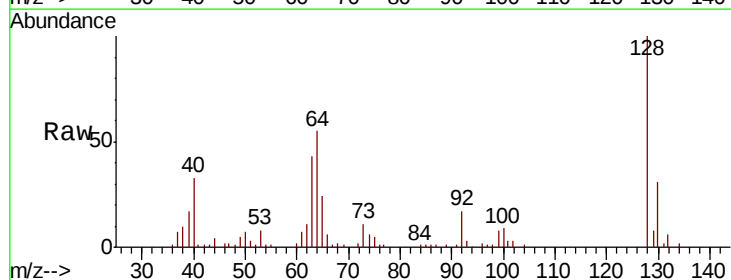
Tgt Ion: 128 Resp: 65611

Ion Ratio Lower Upper

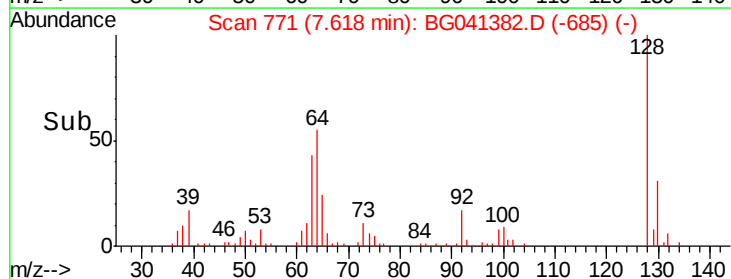
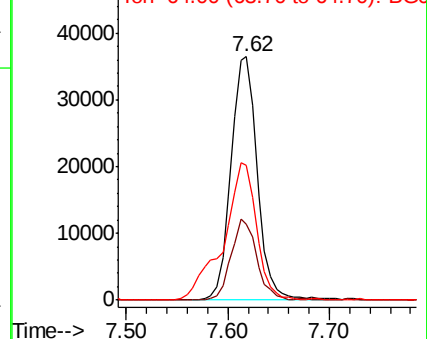
128 100

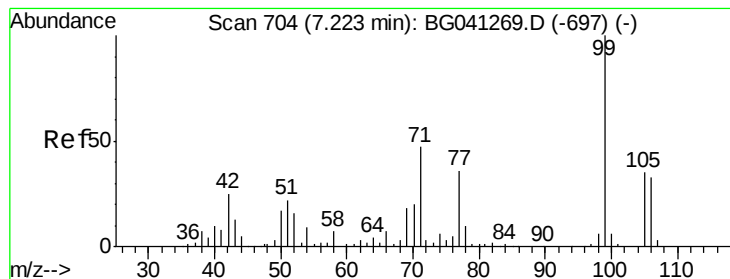
130 31.0 11.1 51.1

64 55.4 36.6 76.6



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





#9

Benzaldehyde

Concen: 37.266 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

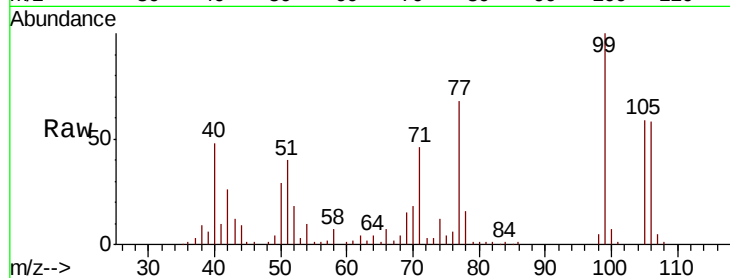
Tgt Ion: 77 Resp: 48748

Ion Ratio Lower Upper

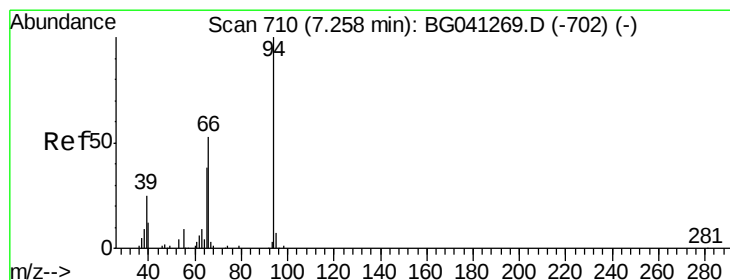
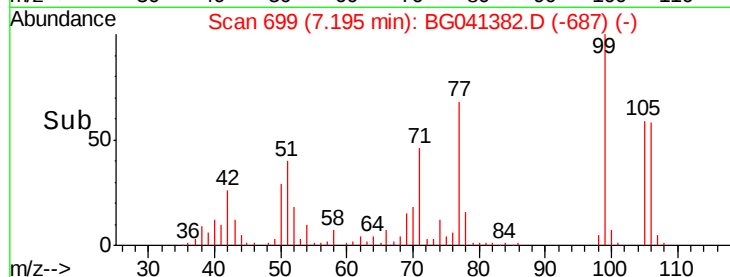
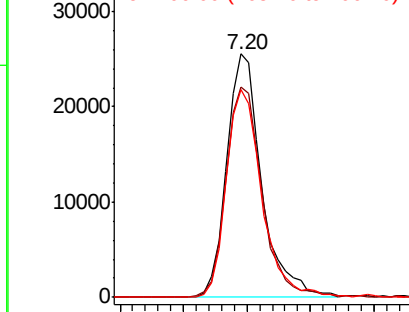
77 100

105 86.3 78.7 118.7

106 85.4 71.1 111.1



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



#10

Phenol

Concen: 39.135 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

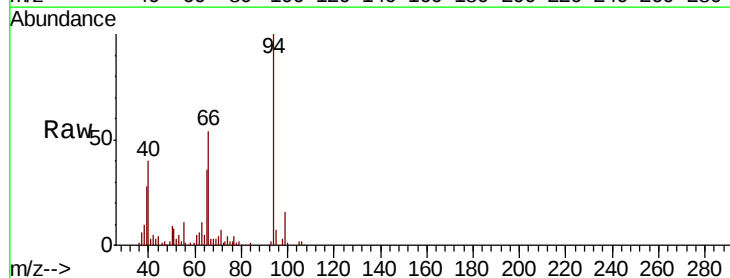
Tgt Ion: 94 Resp: 86069

Ion Ratio Lower Upper

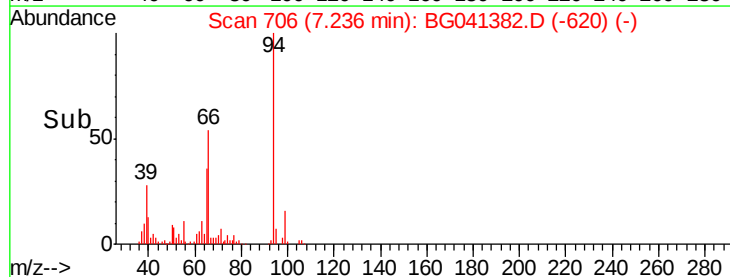
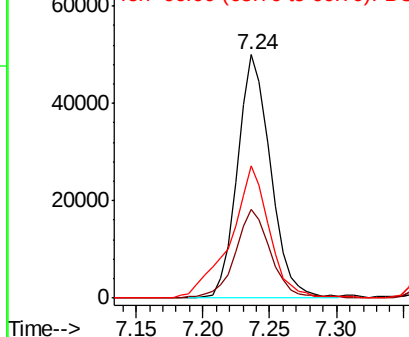
94 100

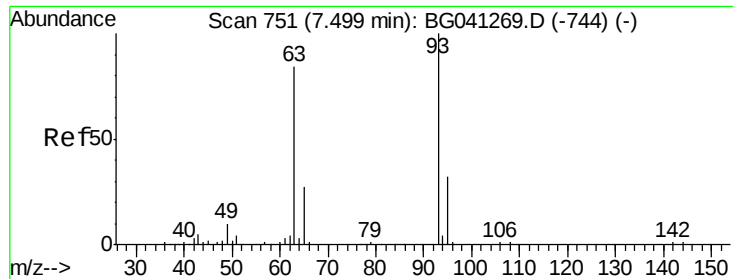
65 36.5 18.7 58.7

66 54.5 35.5 75.5



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

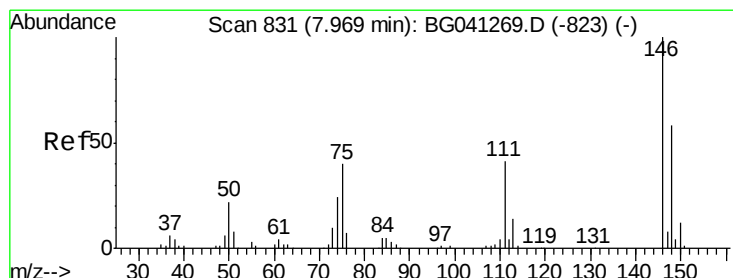
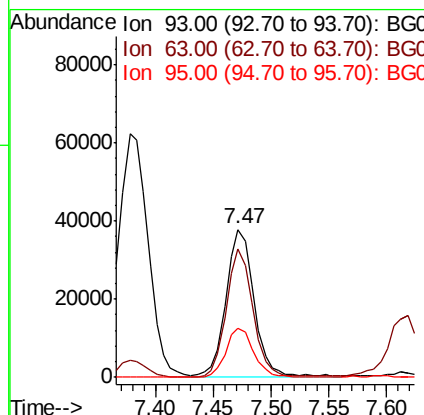
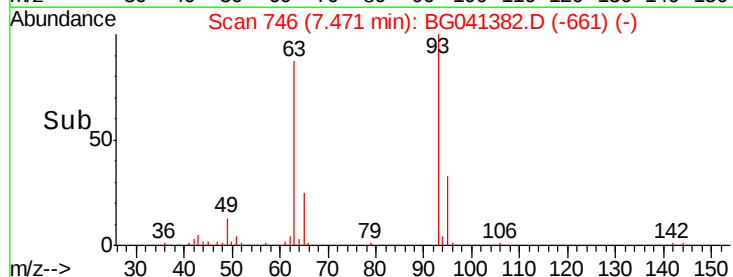
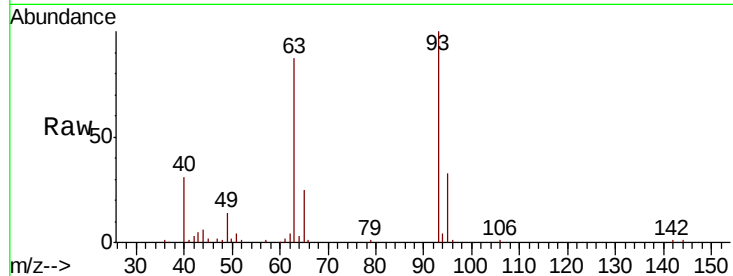




#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.388 ng  
 RT: 7.47 min Scan# 746  
 Delta R.T. -0.03 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

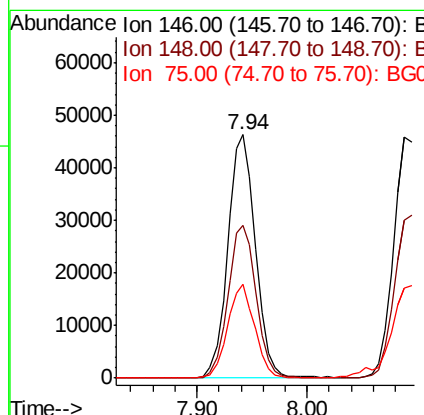
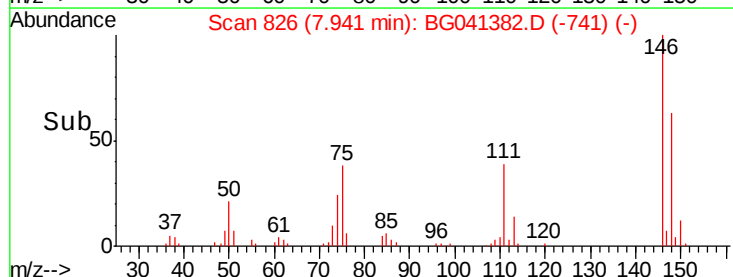
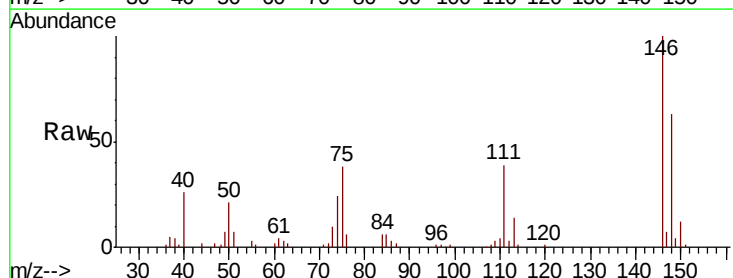
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

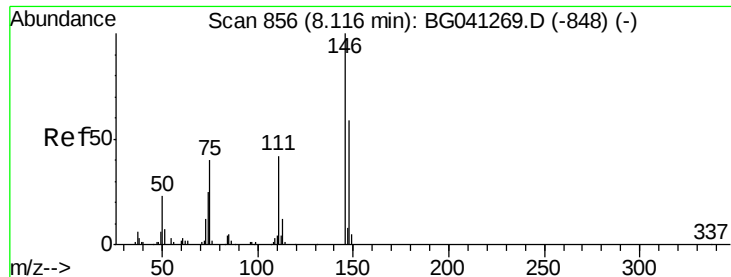
Tgt Ion: 93 Resp: 64059  
 Ion Ratio Lower Upper  
 93 100  
 63 87.2 63.6 103.6  
 95 33.4 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 38.967 ng  
 RT: 7.94 min Scan# 826  
 Delta R.T. -0.03 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion: 146 Resp: 80889  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 46.5 69.7  
 75 38.3 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 38.166 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

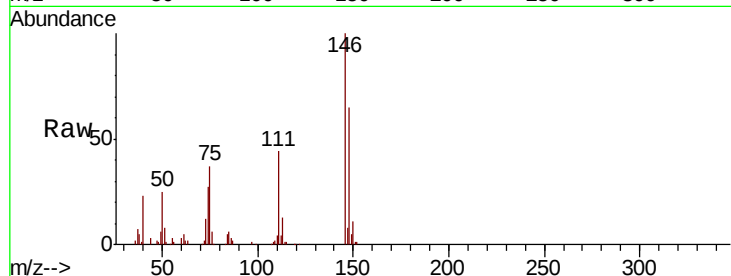
Tgt Ion:146 Resp: 80929

Ion Ratio Lower Upper

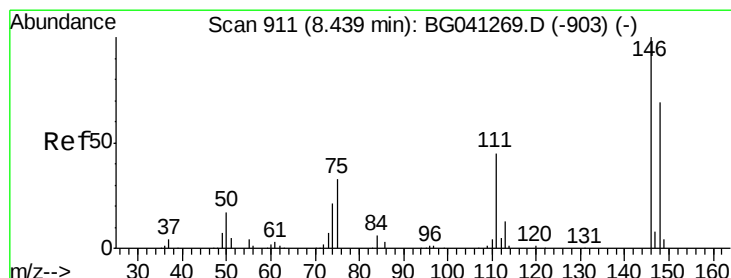
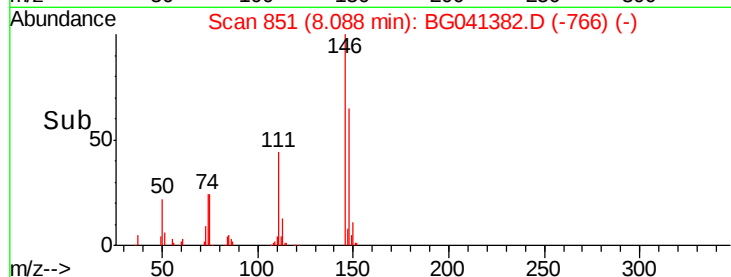
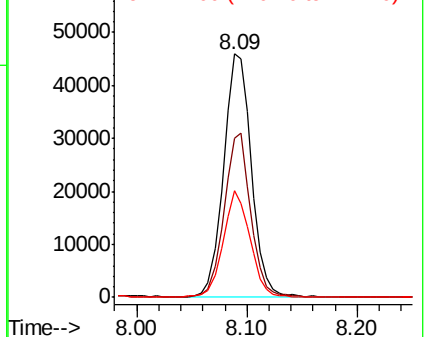
146 100

148 65.3 47.3 70.9

111 43.6 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.213 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

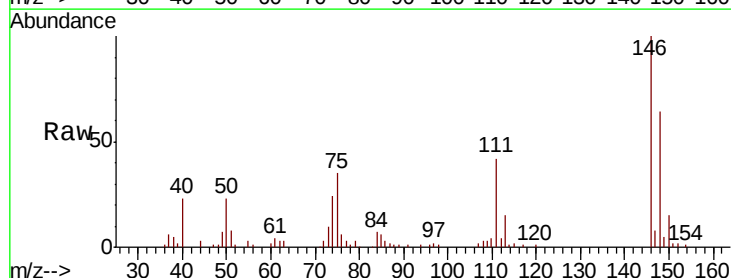
Tgt Ion:146 Resp: 79418

Ion Ratio Lower Upper

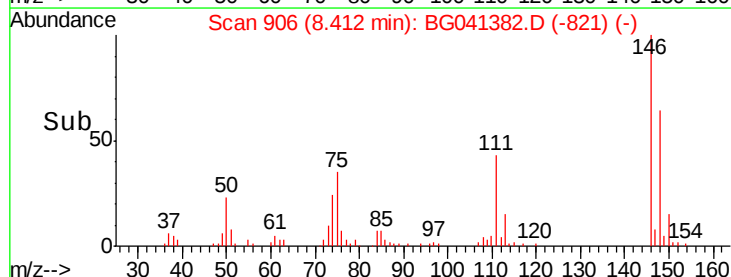
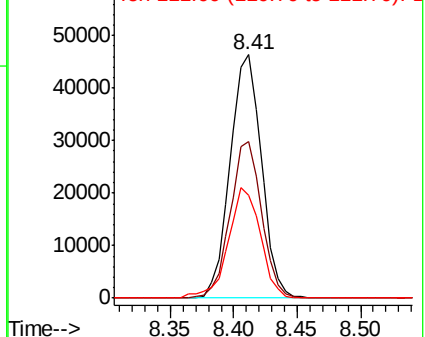
146 100

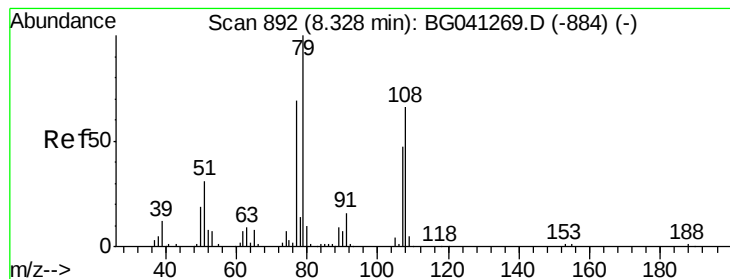
148 64.1 54.9 82.3

111 42.3 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.859 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

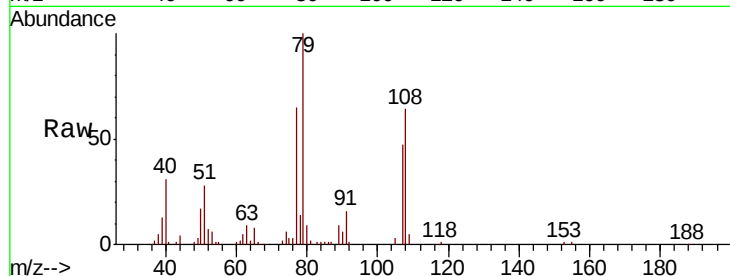
Tgt Ion: 79 Resp: 68306

Ion Ratio Lower Upper

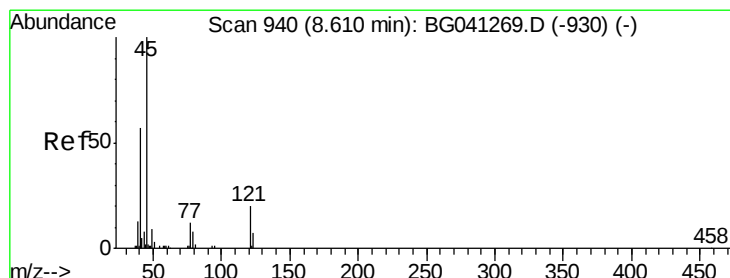
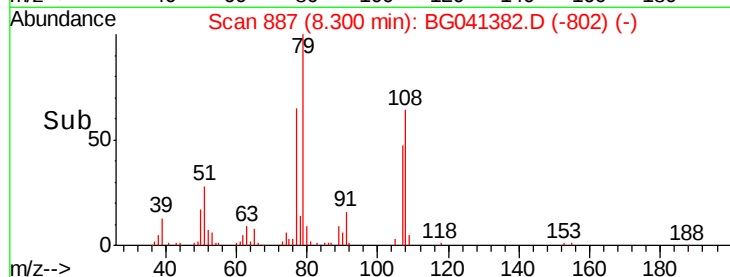
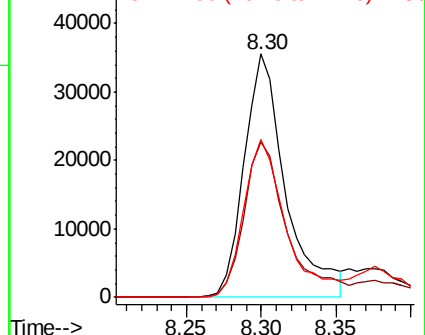
79 100

108 63.7 52.7 79.1

77 64.6 55.2 82.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.580 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

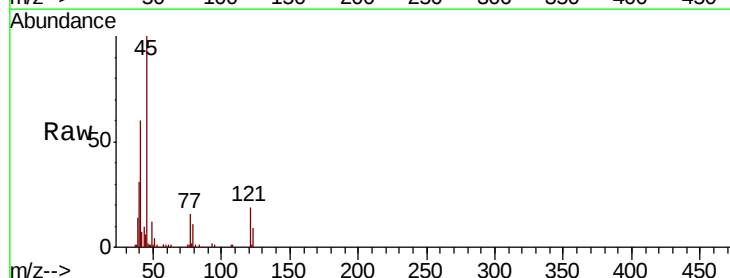
Tgt Ion: 45 Resp: 102659

Ion Ratio Lower Upper

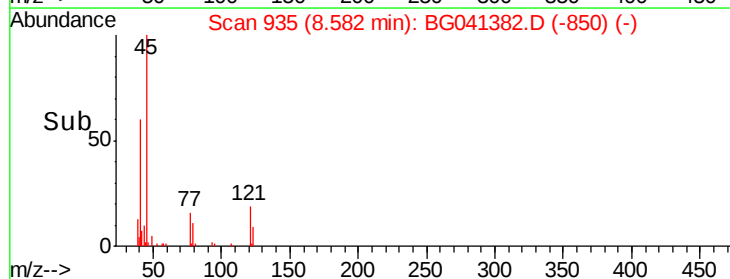
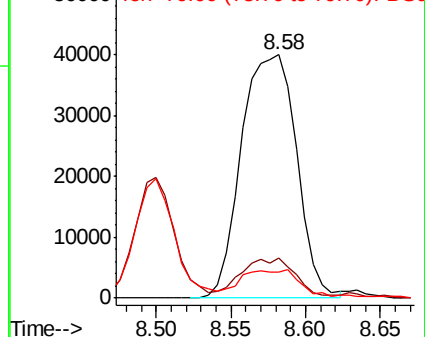
45 100

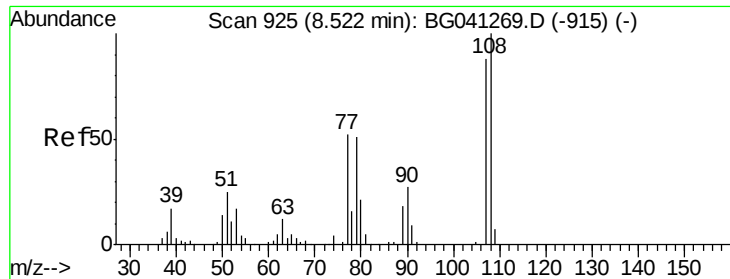
77 16.3 0.0 35.2

79 10.9 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

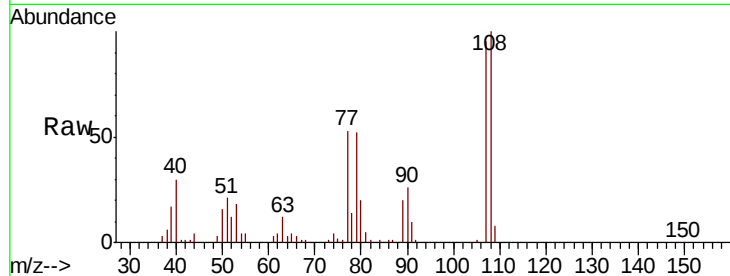




#17  
2-Methylphenol  
Concen: 39.754 ng  
RT: 8.50 min Scan# 921  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 105.1 | 91.7  | 137.5 |
| 77      | 55.7  | 47.8  | 71.8  |
| 79      | 55.1  | 46.8  | 70.2  |



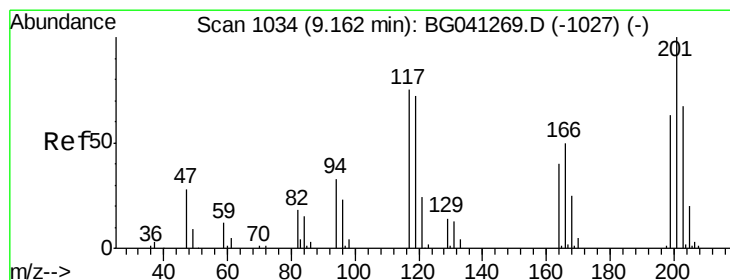
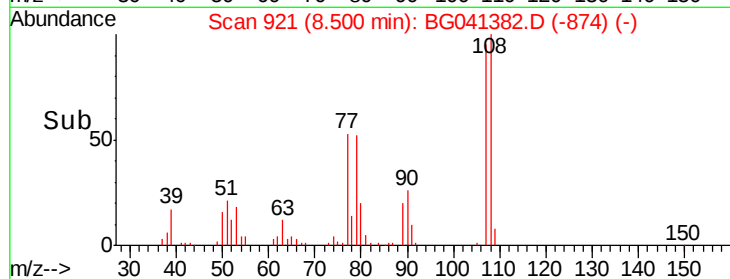
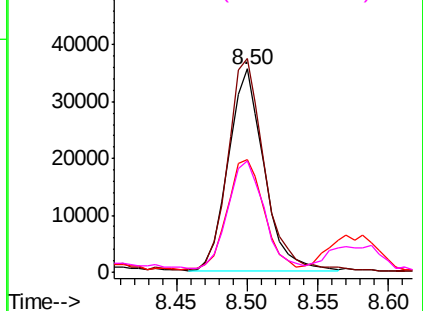
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

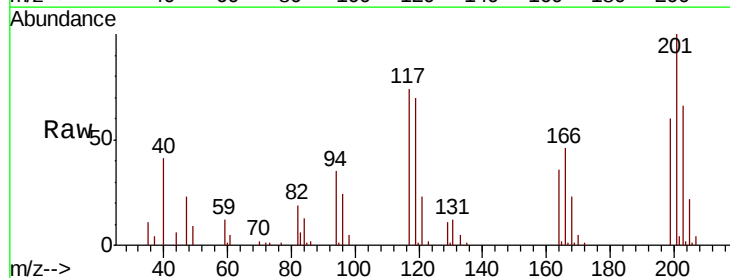
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 38.004 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.2  | 76.8  | 115.2 |
| 201     | 134.8 | 106.3 | 159.5 |

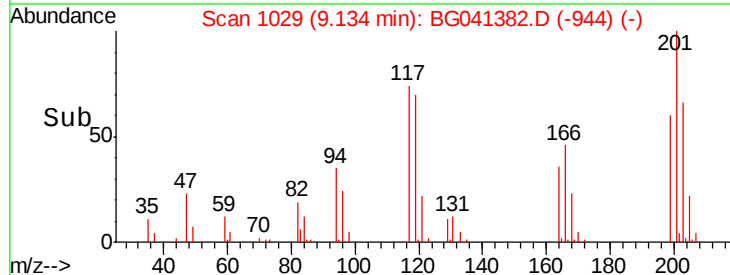
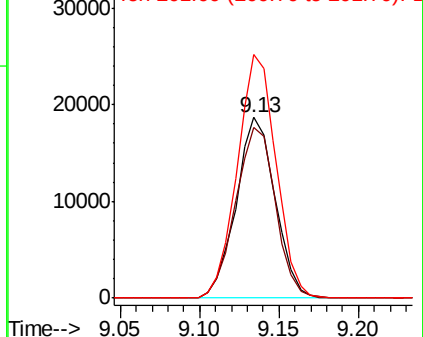


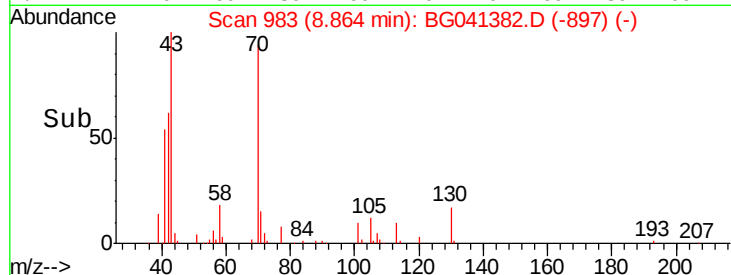
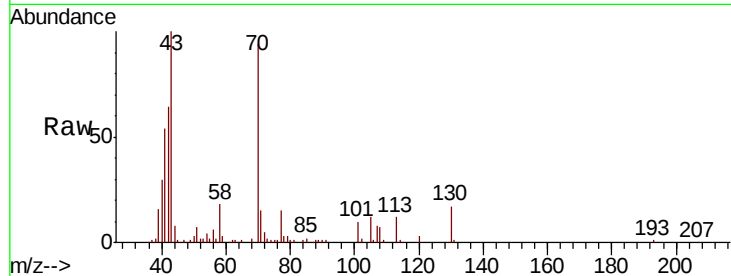
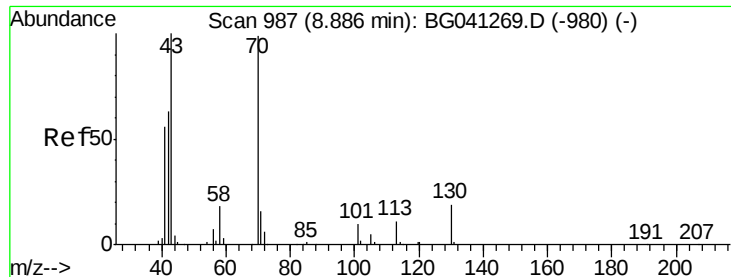
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

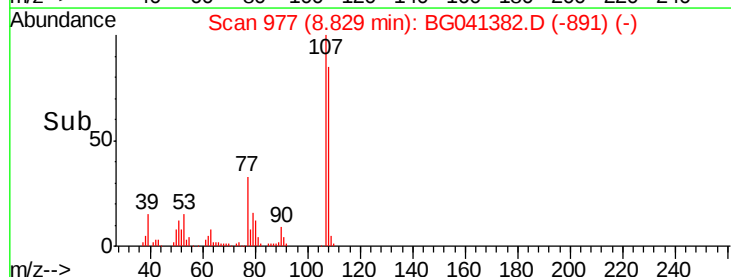
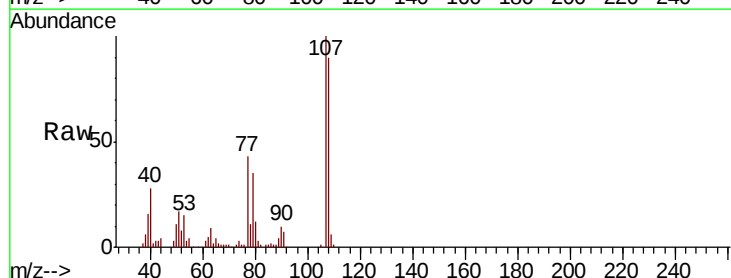
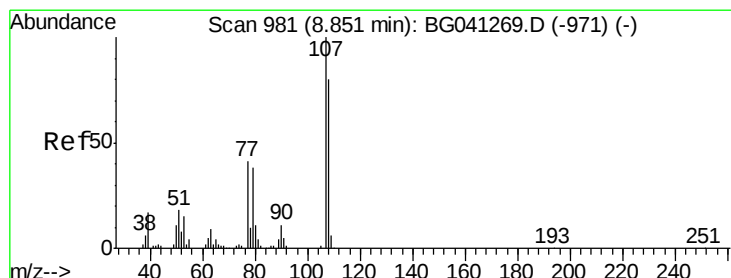
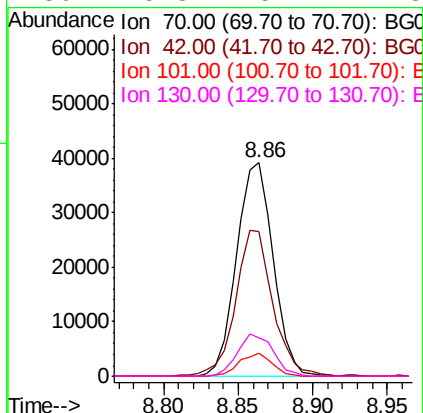




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.369 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

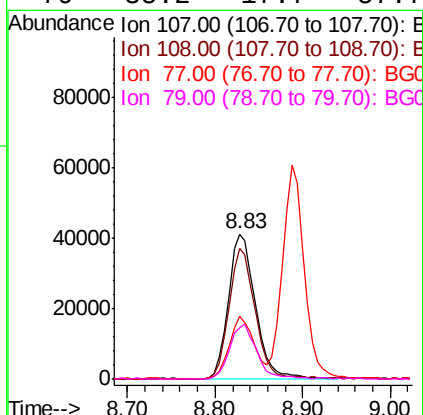
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

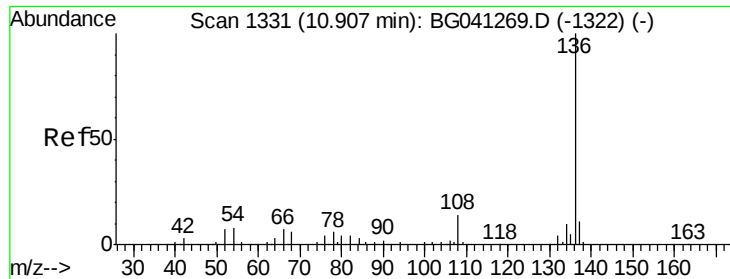
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 66776 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 67.5  | 51.4  | 77.2  |
| 101      | 11.0  | 8.2   | 12.2  |
| 130      | 18.3  | 15.2  | 22.8  |



#20  
3+4-Methylphenols  
Concen: 41.356 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 86564 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.1  | 60.4  | 100.4 |
| 77       | 43.2  | 21.2  | 61.2  |
| 79       | 35.2  | 17.7  | 57.7  |

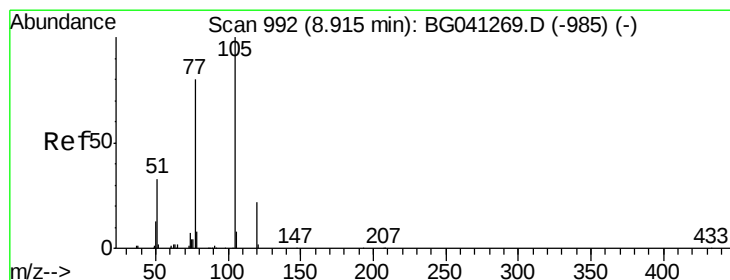
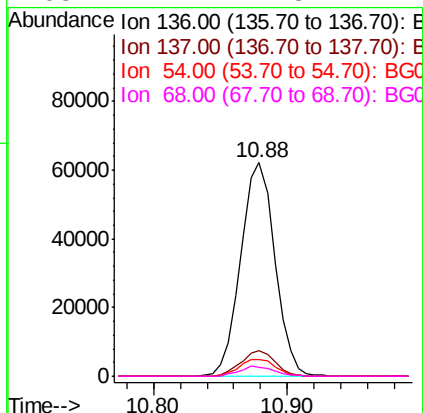
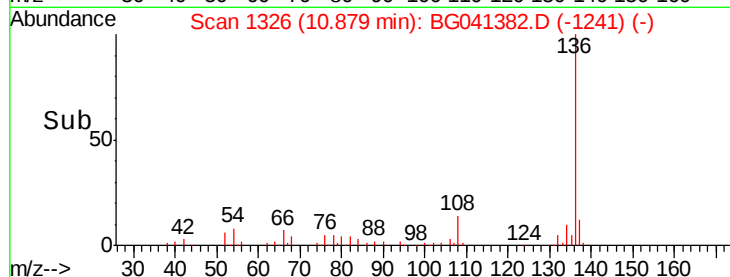
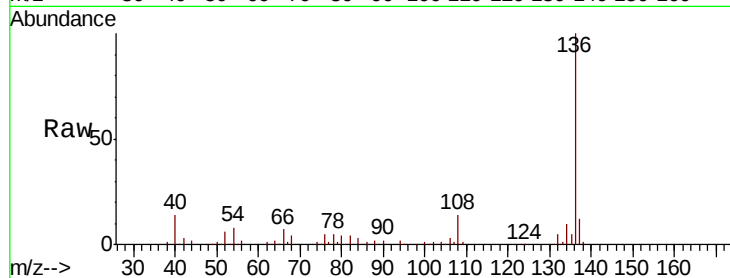




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

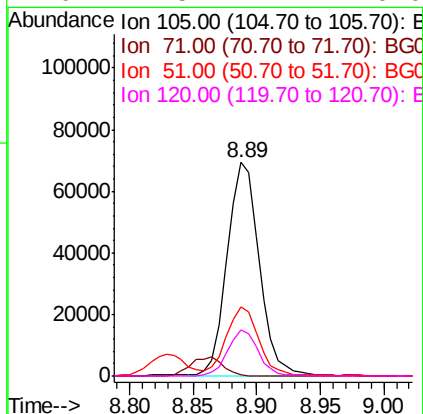
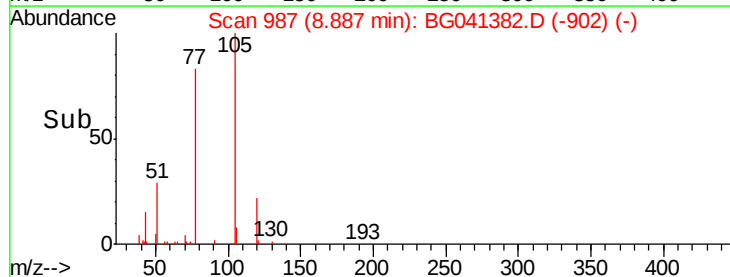
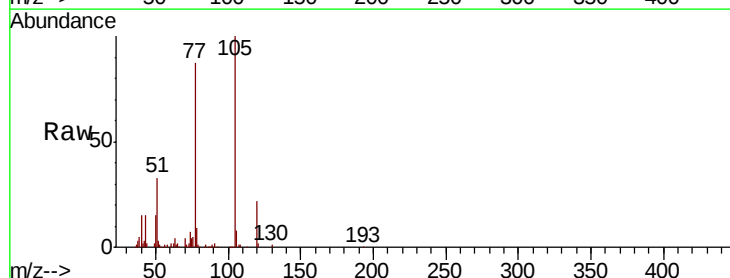
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

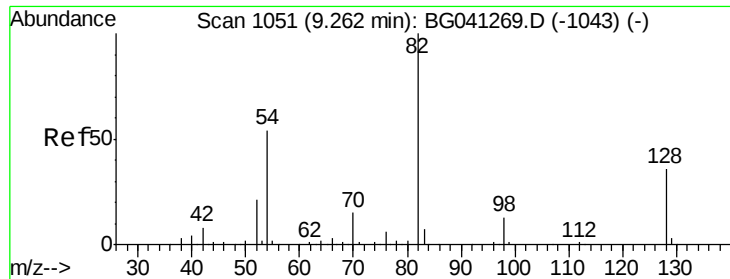
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 110100 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.0  | 8.8   | 13.2   |
| 54       | 7.9   | 6.4   | 9.6    |
| 68       | 4.4   | 4.8   | 7.2#   |



#22  
Acetophenone  
Concen: 37.711 ng  
RT: 8.89 min Scan# 987  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 120823 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 0.4   | 0.6#   |
| 51       | 32.6  | 28.2  | 42.4   |
| 120      | 21.5  | 17.4  | 26.0   |

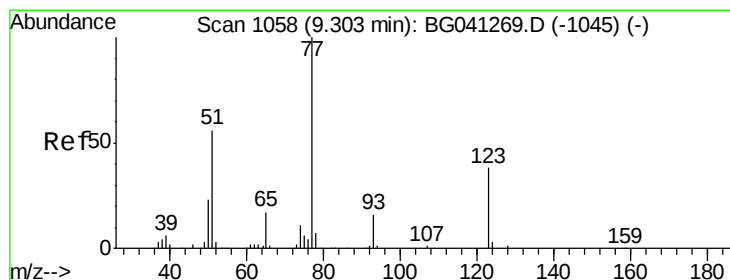
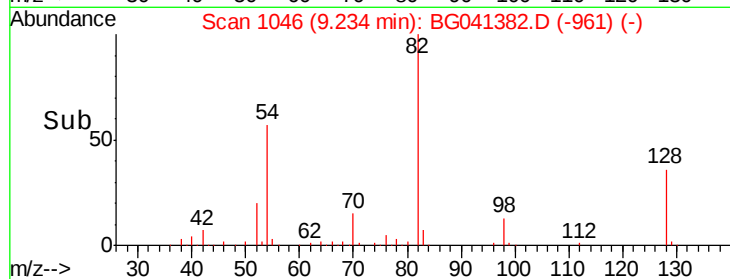
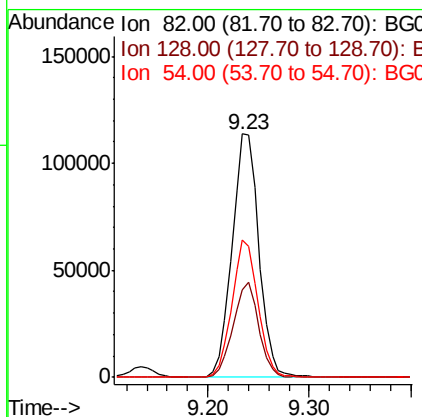
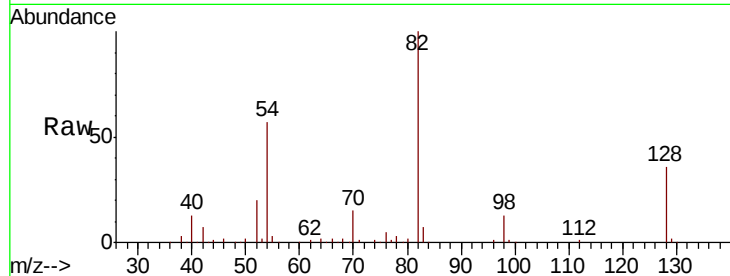




#23  
 Nitrobenzene-d5  
 Concen: 79.814 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. -0.03 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

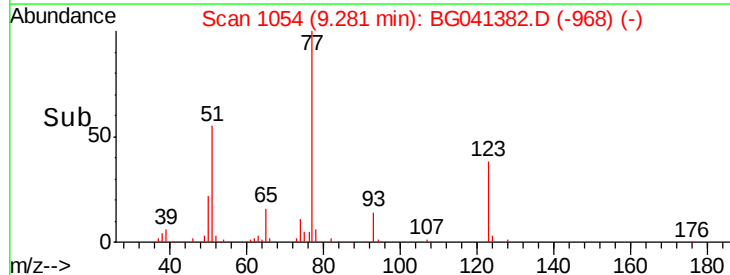
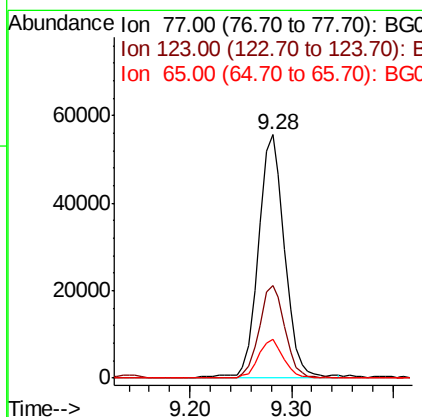
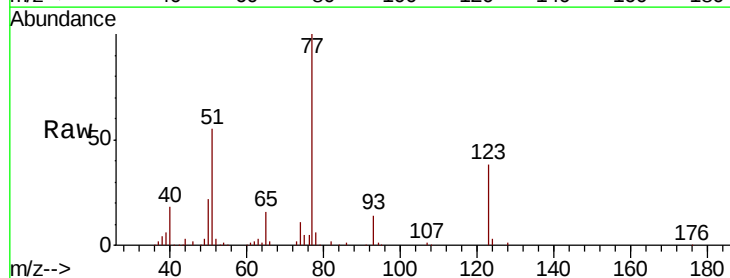
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

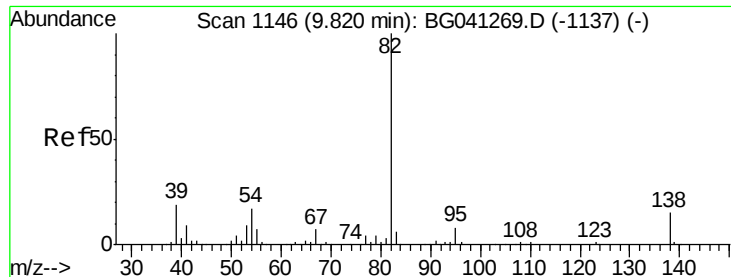
Tgt Ion: 82 Resp: 208948  
 Ion Ratio Lower Upper  
 82 100  
 128 35.9 29.2 43.8  
 54 56.6 43.4 65.0



#24  
 Nitrobenzene  
 Concen: 37.898 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion: 77 Resp: 99782  
 Ion Ratio Lower Upper  
 77 100  
 123 38.2 30.4 45.6  
 65 15.8 13.3 19.9

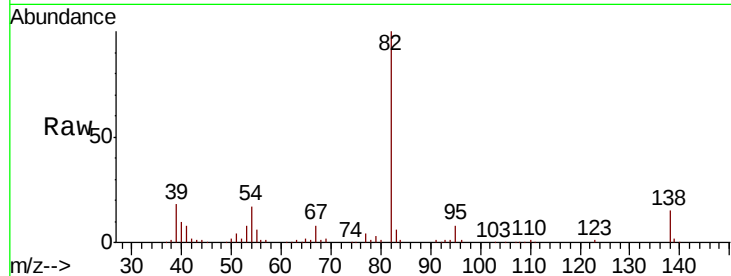




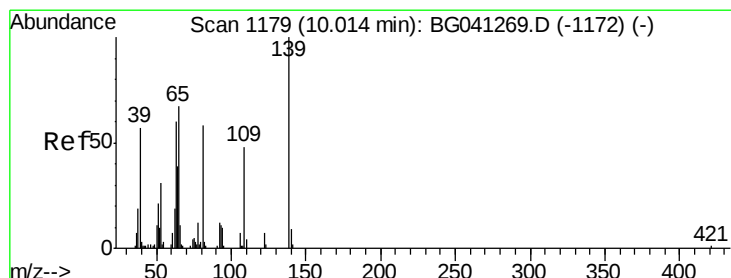
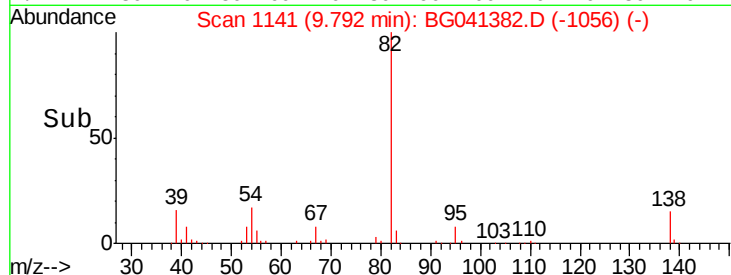
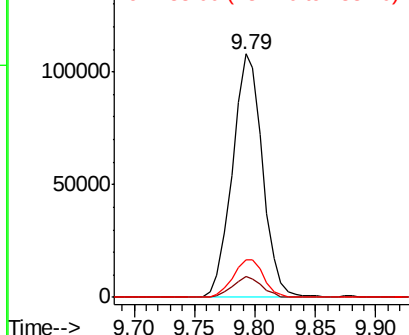
#25  
Isophorone  
Concen: 38.980 ng  
RT: 9.79 min Scan# 1141  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 187217  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.6 10.0  
138 15.3 12.3 18.5

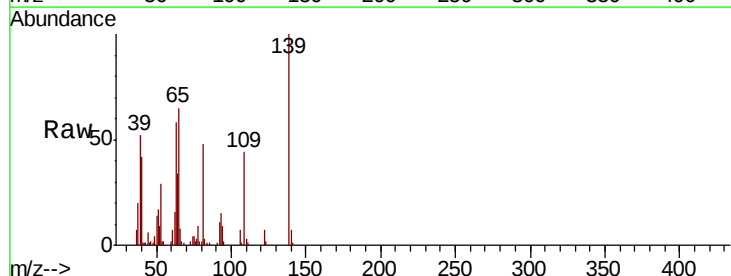


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

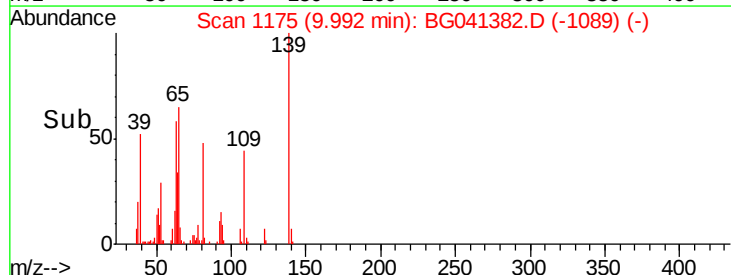
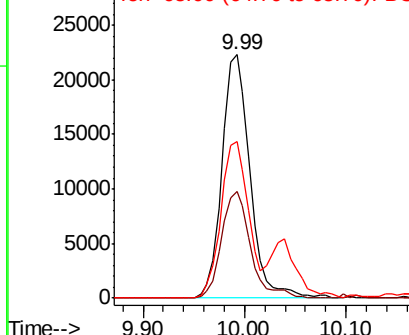


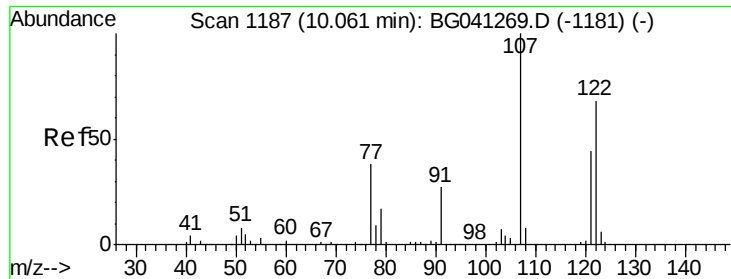
#26  
2-Nitrophenol  
Concen: 40.040 ng  
RT: 9.99 min Scan# 1175  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion: 139 Resp: 42740  
Ion Ratio Lower Upper  
139 100  
109 43.9 38.4 57.6  
65 64.5 53.6 80.4



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

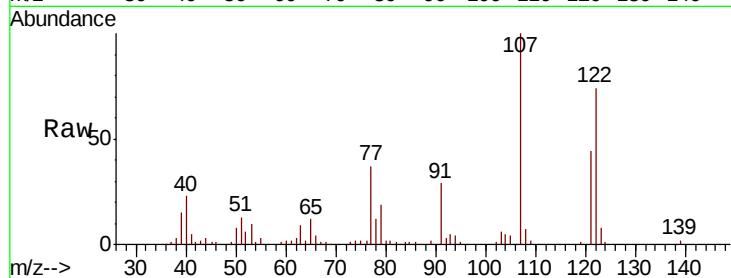




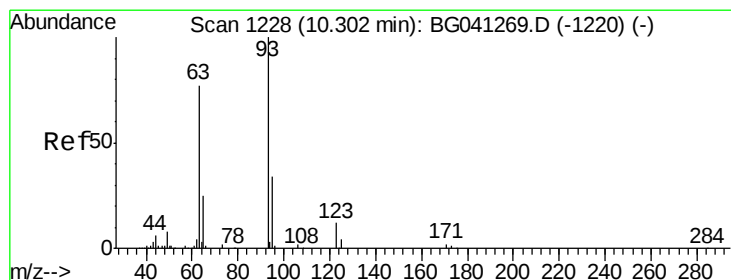
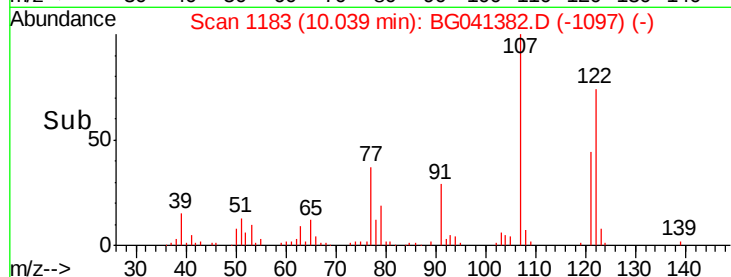
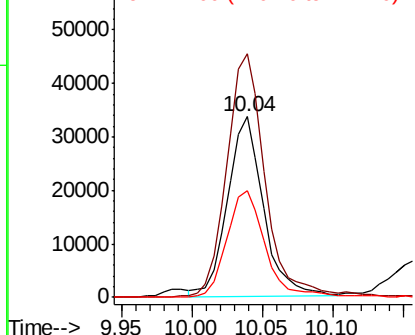
#27  
2,4-Dimethylphenol  
Concen: 37.468 ng  
RT: 10.04 min Scan# 1183  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 122 Resp: 59950  
Ion Ratio Lower Upper  
122 100  
107 135.0 115.1 172.7  
121 59.0 50.1 75.1

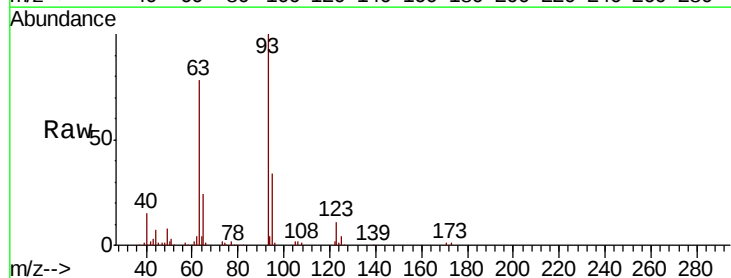


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

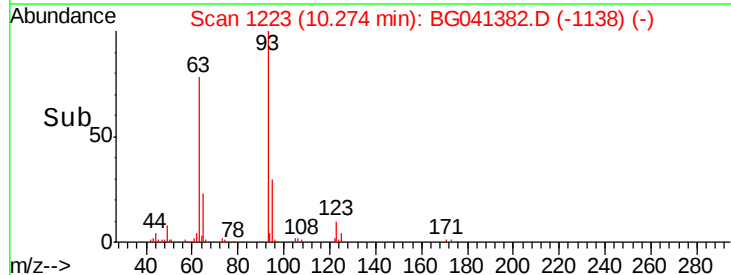
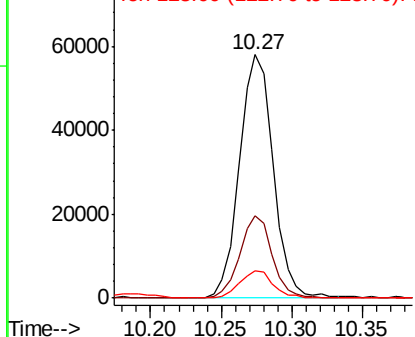


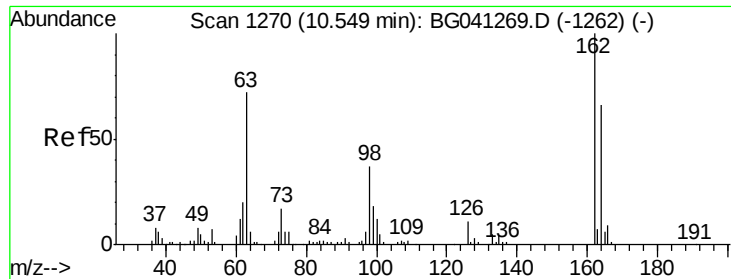
#28  
bis(2-Chloroethoxy)methane  
Concen: 38.849 ng  
RT: 10.27 min Scan# 1223  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion: 93 Resp: 97221  
Ion Ratio Lower Upper  
93 100  
95 34.0 27.3 40.9  
123 11.0 9.6 14.4



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

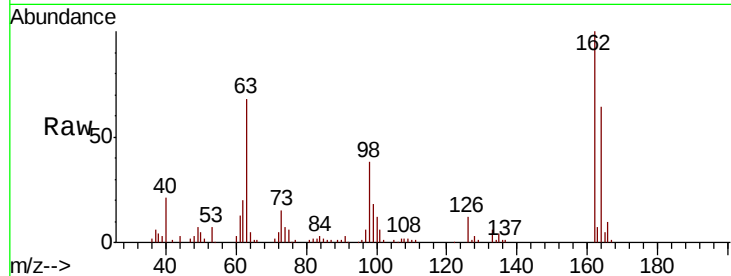




#29  
 2,4-Dichlorophenol  
 Concen: 40.559 ng  
 RT: 10.53 min Scan# 1266  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 46.0  | 86.0  |
| 98      | 37.6  | 17.4  | 57.4  |

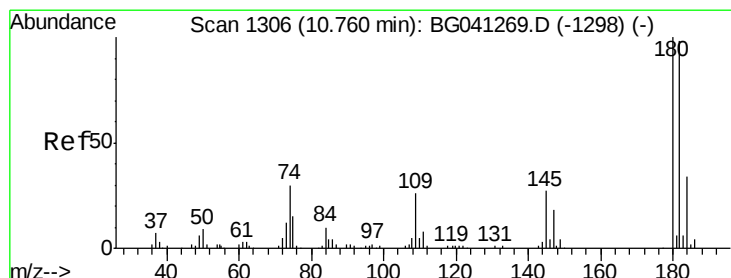
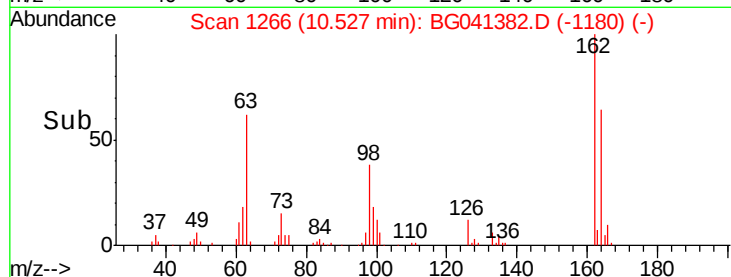
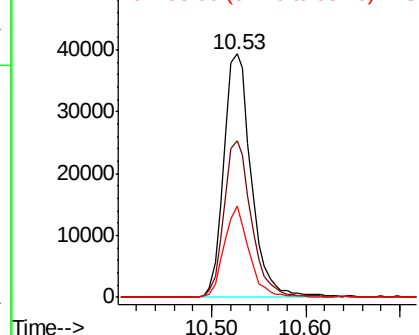


Abundance

Ion 162.00 (161.70 to 162.70): E

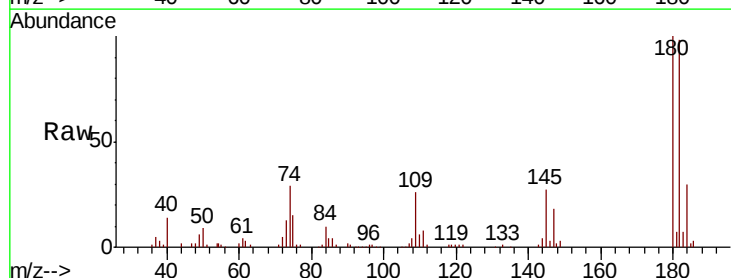
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.687 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. -0.03 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 78.6  | 117.8 |
| 145     | 26.8  | 21.7  | 32.5  |

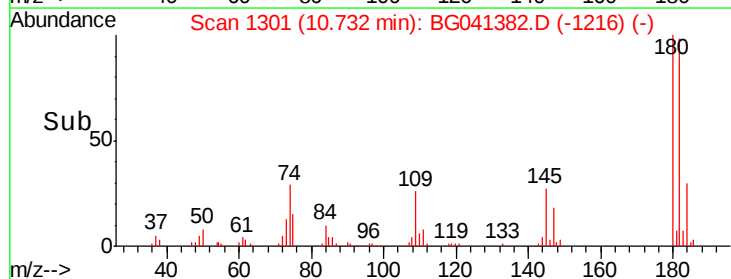
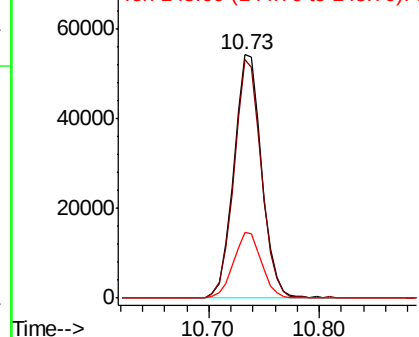


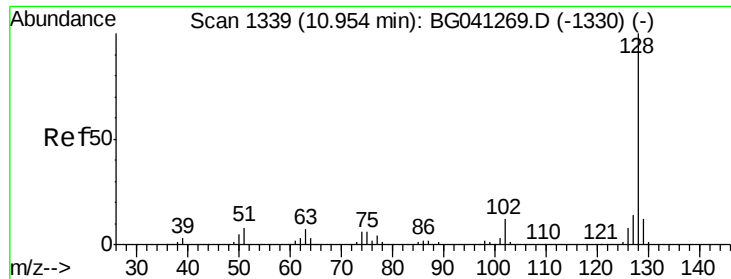
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

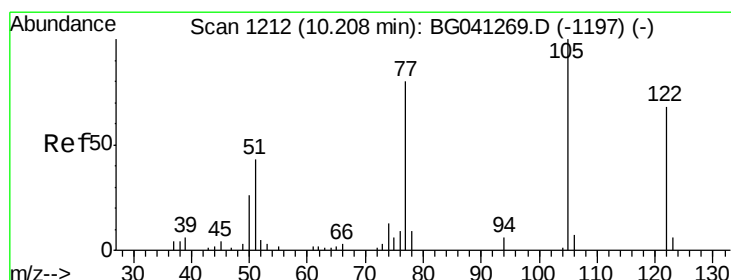
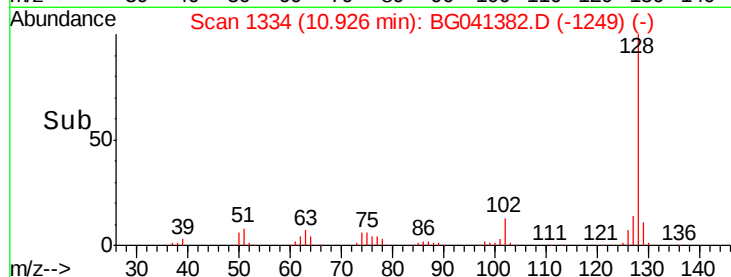
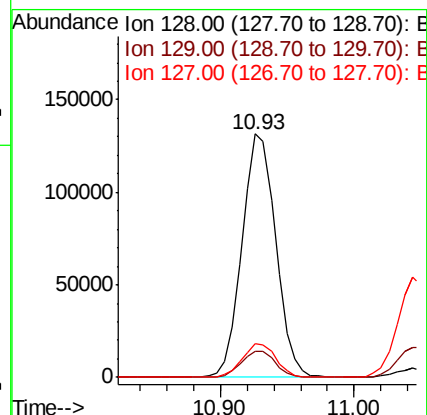
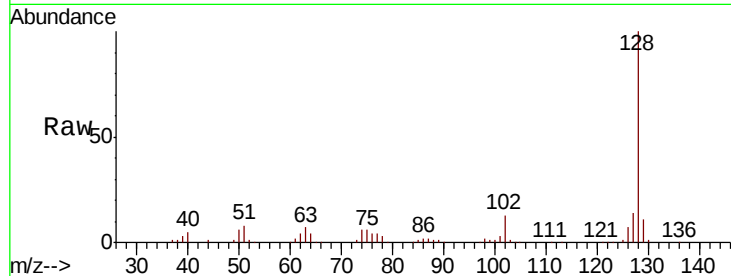




#31  
Naphthalene  
Concen: 38.404 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

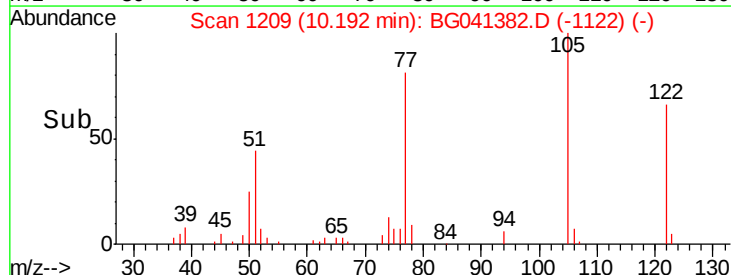
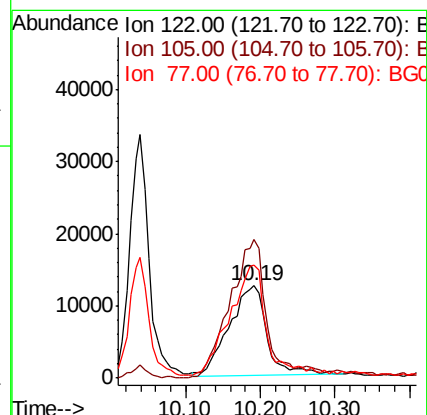
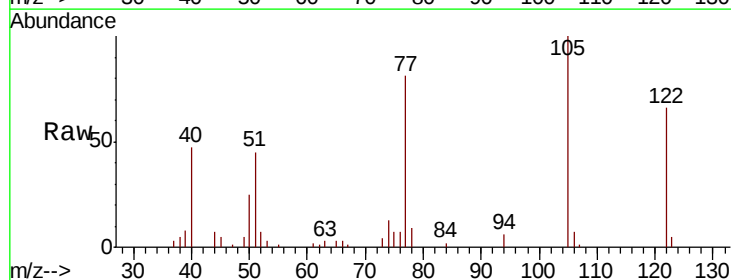
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

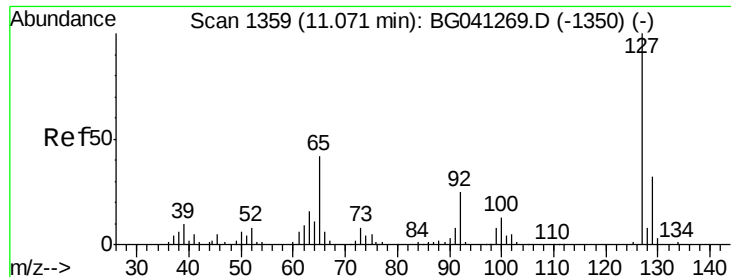
Tgt Ion:128 Resp: 229800  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.4 14.0  
127 13.9 11.2 16.8



#32  
Benzoic acid  
Concen: 42.023 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:122 Resp: 43770  
Ion Ratio Lower Upper  
122 100  
105 151.3 124.2 164.2  
77 122.4 97.2 137.2

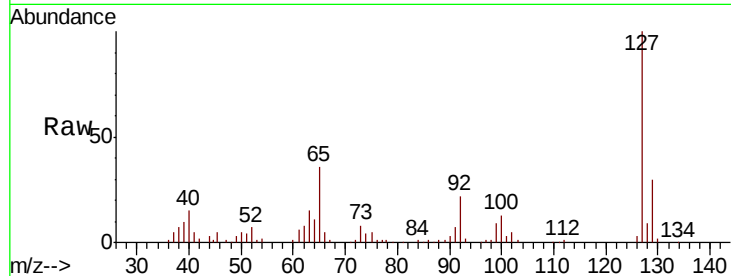




#33  
4-Chloroaniline  
Concen: 40.138 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 102004 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.1  | 25.8  | 38.8   |
| 65       | 35.6  | 33.8  | 50.8   |
| 92       | 22.3  | 20.2  | 30.4   |



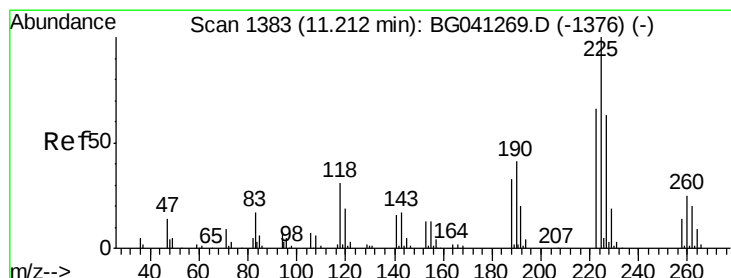
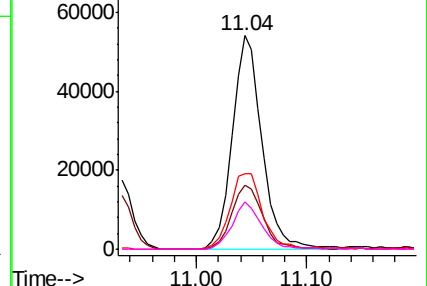
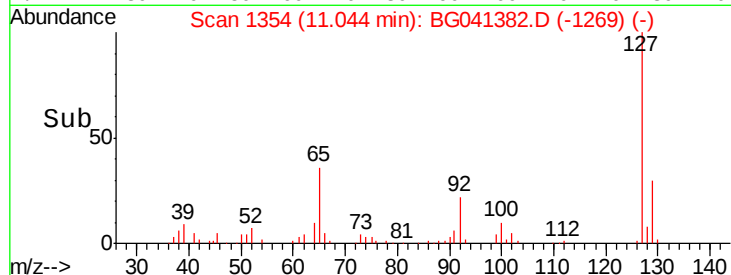
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

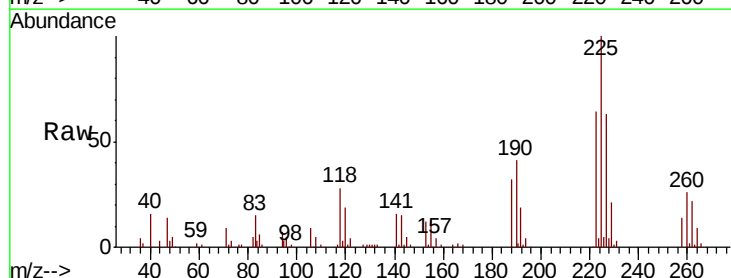
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 36.759 ng  
RT: 11.18 min Scan# 1378  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 74138 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 52.5  | 78.7  |
| 227      | 63.5  | 50.2  | 75.2  |

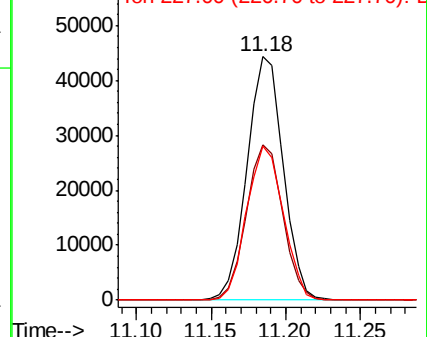
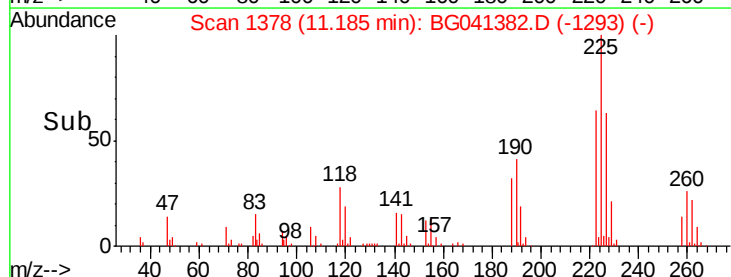


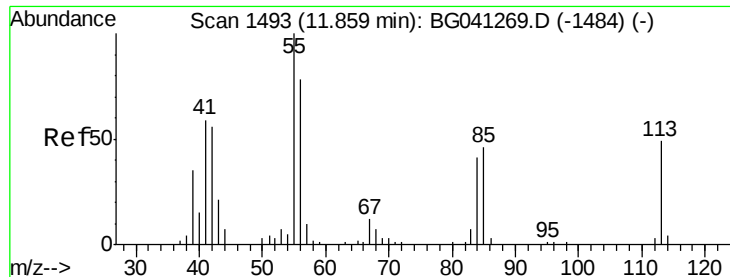
Abundance

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: 40.564 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

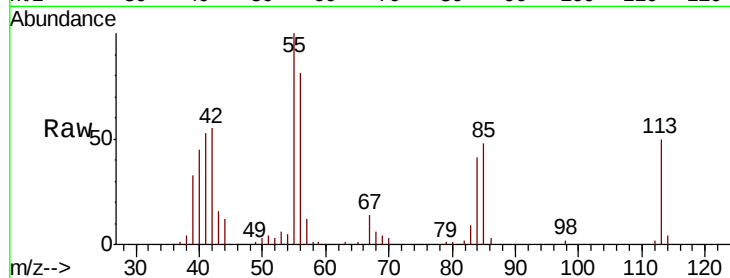
Tgt Ion:113 Resp: 27705

Ion Ratio Lower Upper

113 100

55 199.4 182.6 222.6

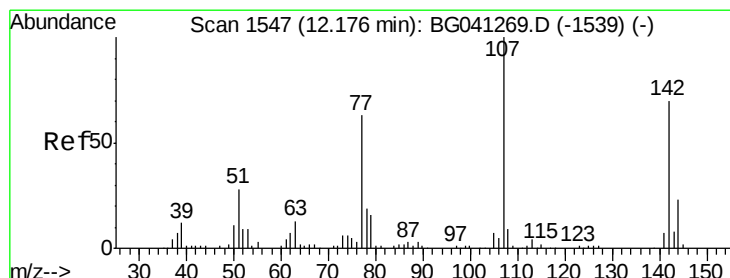
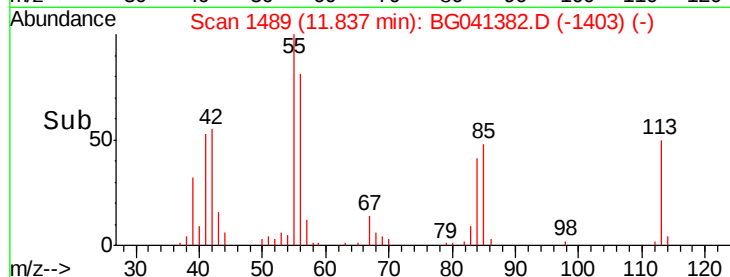
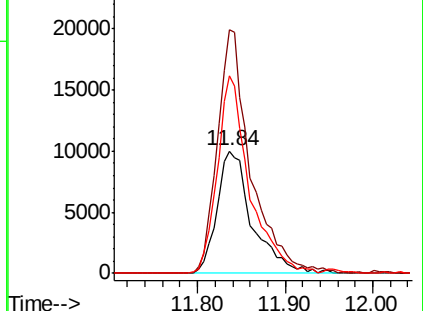
56 162.3 137.5 177.5



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: 39.970 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

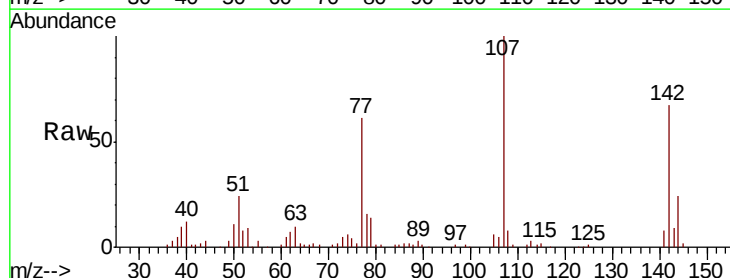
Tgt Ion:107 Resp: 91594

Ion Ratio Lower Upper

107 100

144 24.4 18.5 27.7

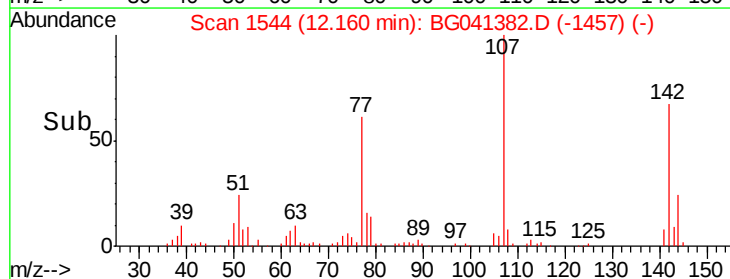
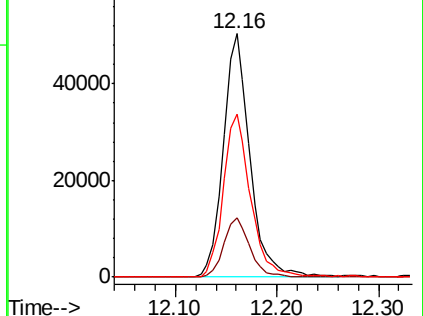
142 67.0 56.3 84.5

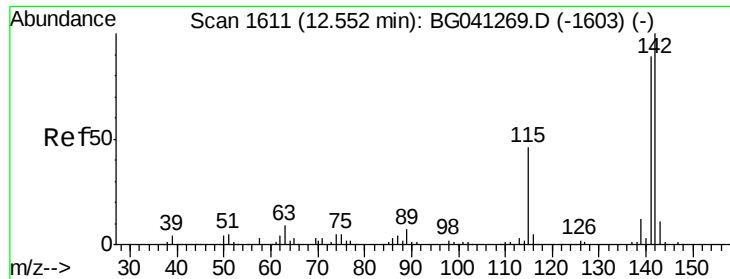


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

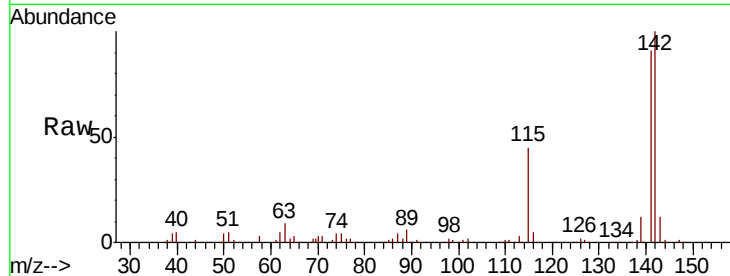




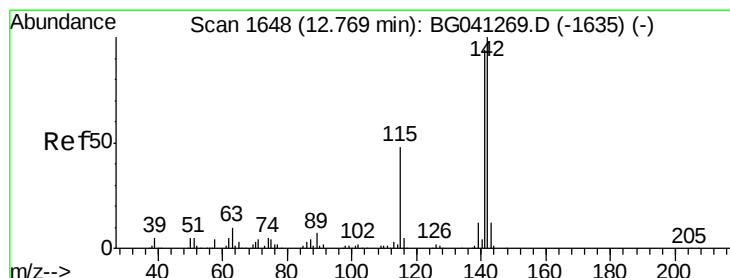
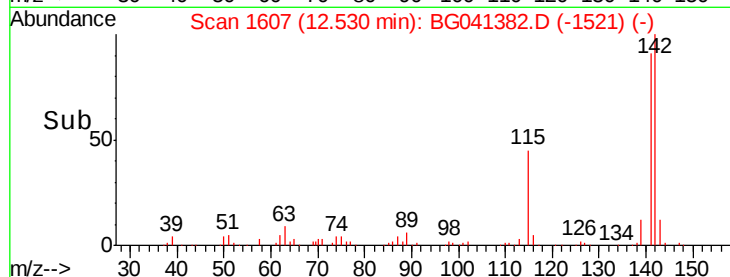
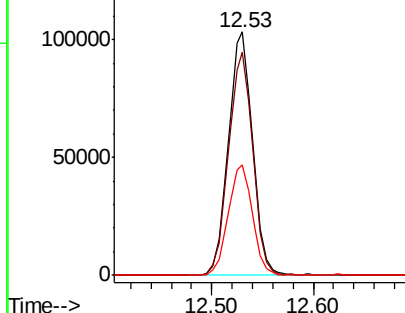
#37  
2-Methylnaphthalene  
Concen: 38.633 ng  
RT: 12.53 min Scan# 1607  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 170264  
Ion Ratio Lower Upper  
142 100  
141 91.4 71.5 107.3  
115 45.1 37.0 55.6

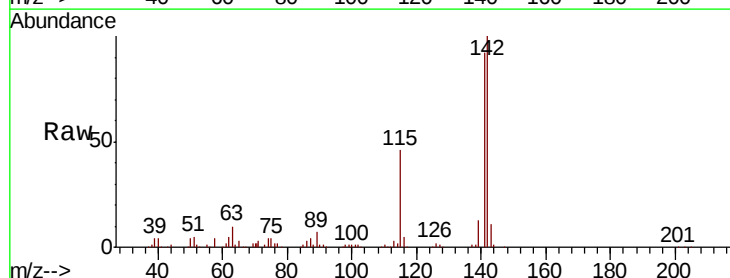


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

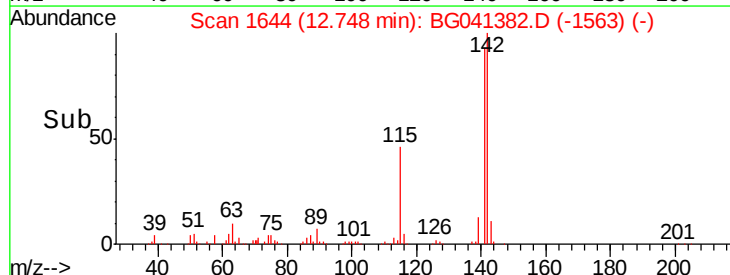
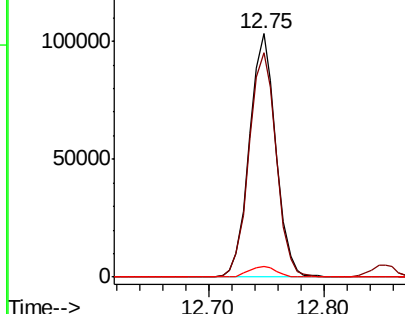


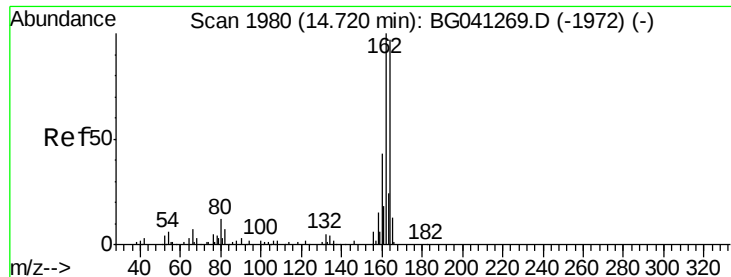
#38  
1-Methylnaphthalene  
Concen: 38.995 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:142 Resp: 164426  
Ion Ratio Lower Upper  
142 100  
141 92.2 75.0 112.6  
116 4.6 4.2 6.2



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

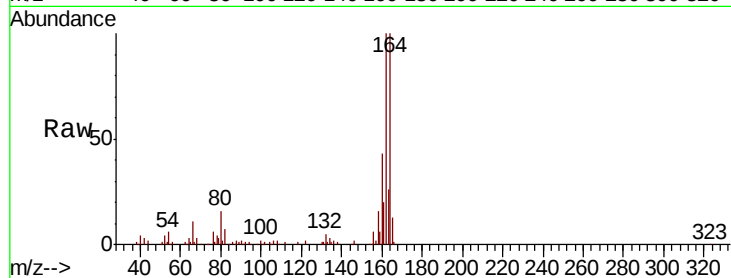
Tgt Ion:164 Resp: 80980

Ion Ratio Lower Upper

164 100

162 99.9 82.8 124.2

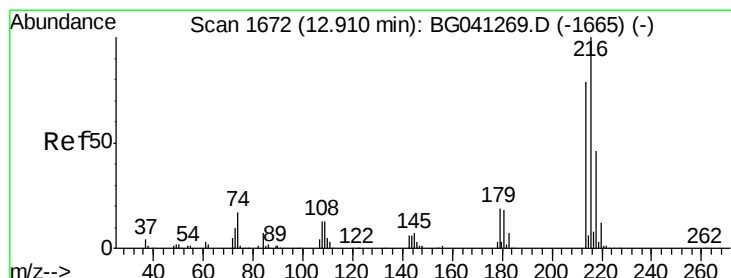
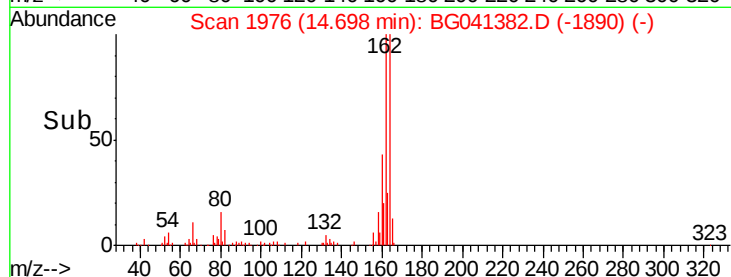
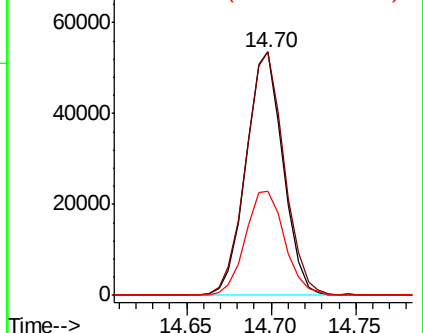
160 42.6 35.8 53.8



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: 37.848 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Tgt Ion:216 Resp: 126560

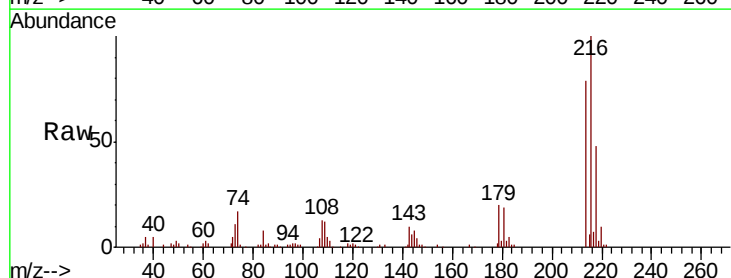
Ion Ratio Lower Upper

216 100

214 80.8 62.8 94.2

179 19.3 15.2 22.8

108 15.9 12.4 18.6

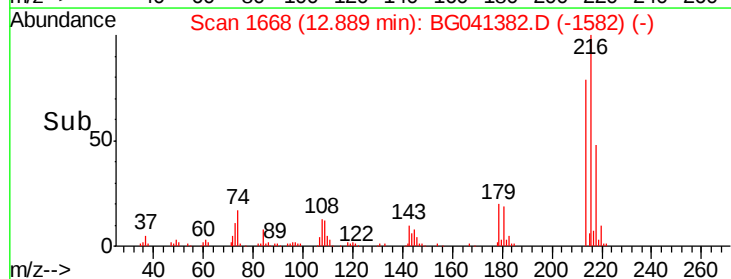
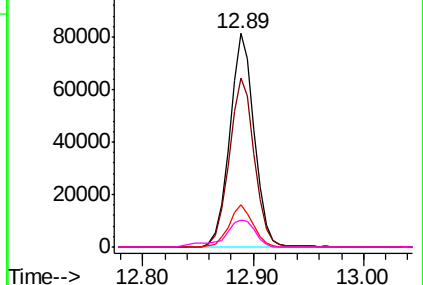


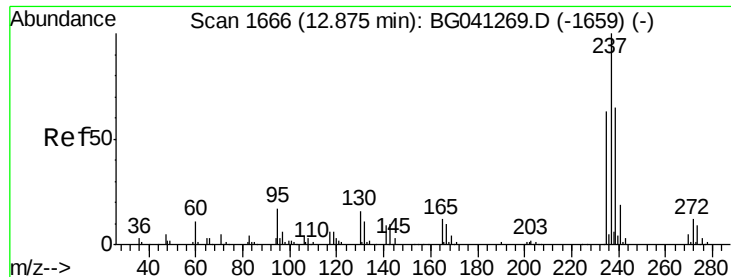
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.855 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

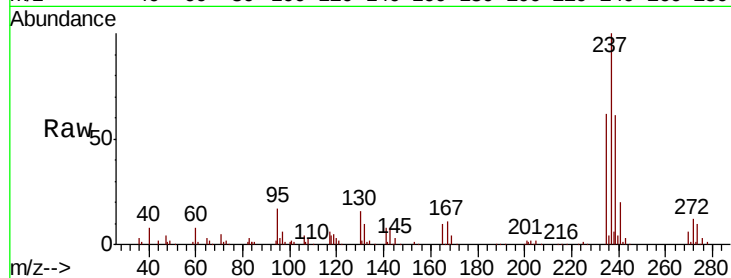
Tgt Ion: 237 Resp: 80760

Ion Ratio Lower Upper

237 100

235 62.4 42.9 82.9

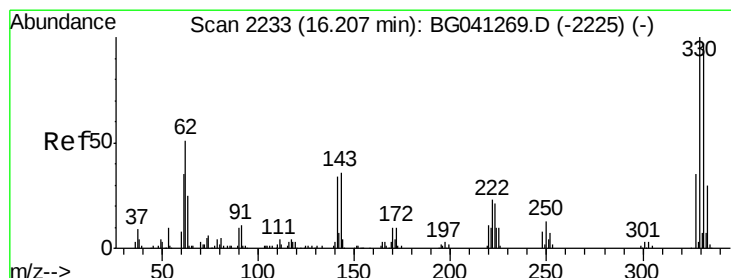
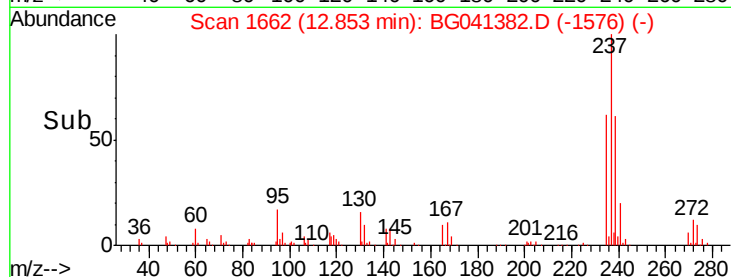
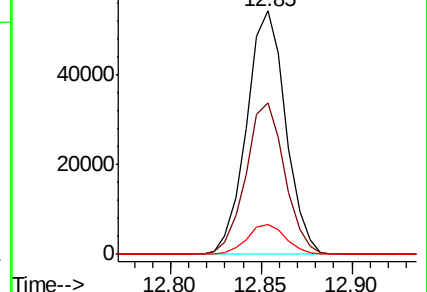
272 12.1 0.0 32.0



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: 78.243 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

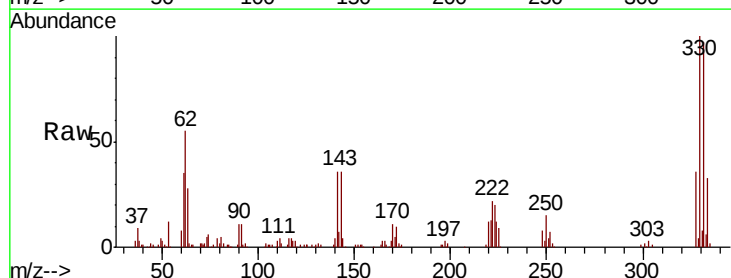
Tgt Ion: 330 Resp: 97273

Ion Ratio Lower Upper

330 100

332 96.8 75.5 113.3

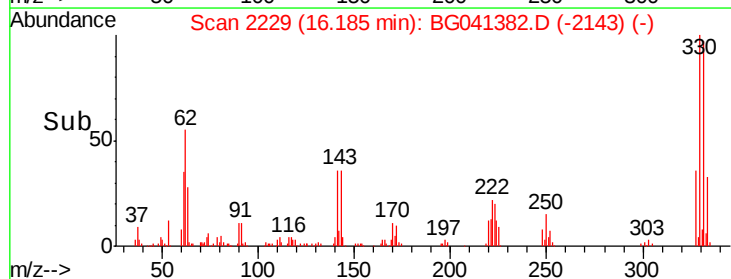
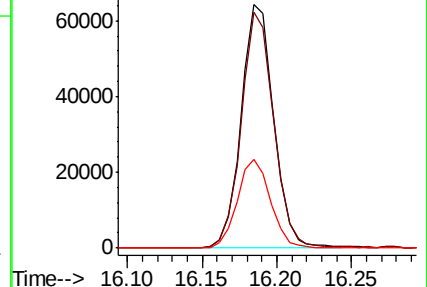
141 37.1 29.0 43.4

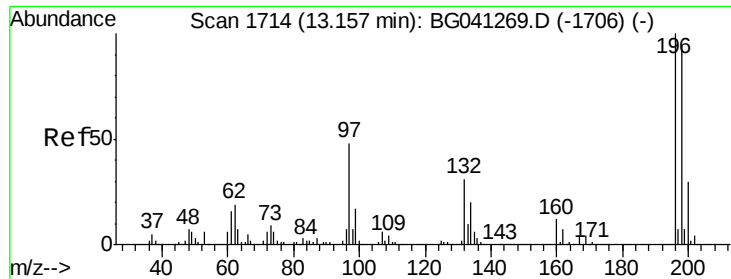


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

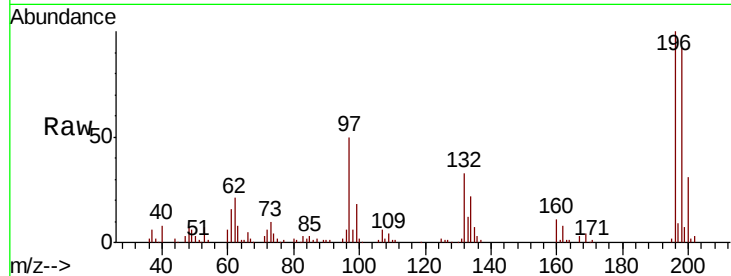




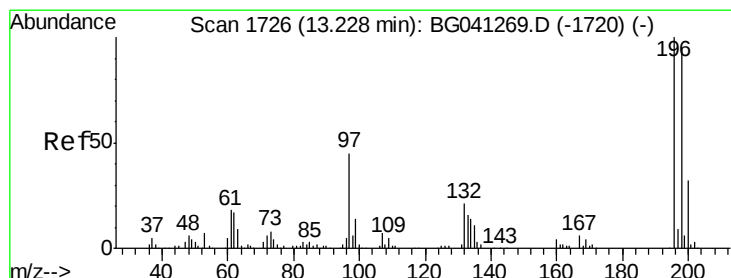
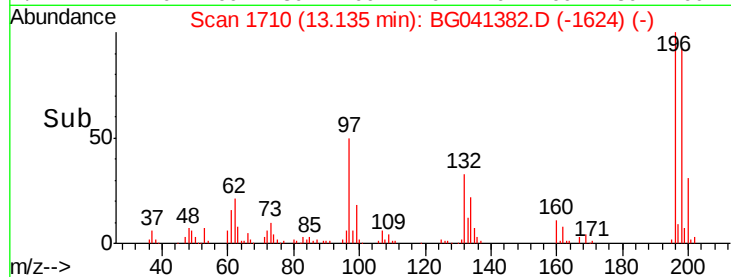
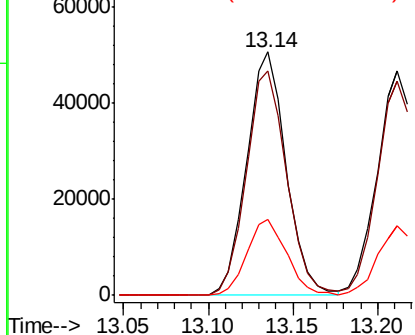
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.684 ng  
 RT: 13.14 min Scan# 1710  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 82090  
 Ion Ratio Lower Upper  
 196 100  
 198 92.4 74.9 112.3  
 200 31.2 24.2 36.2



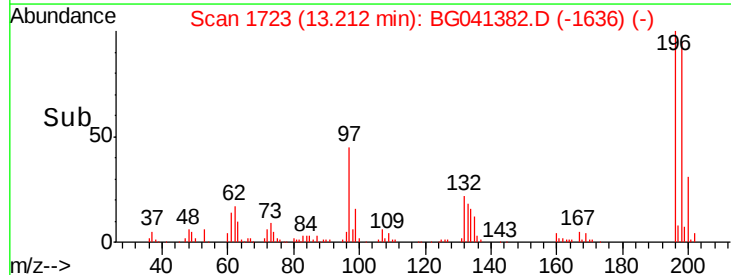
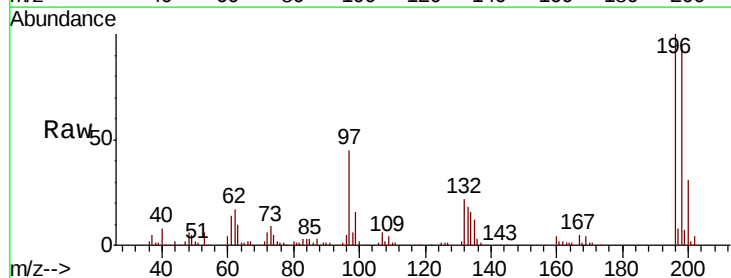
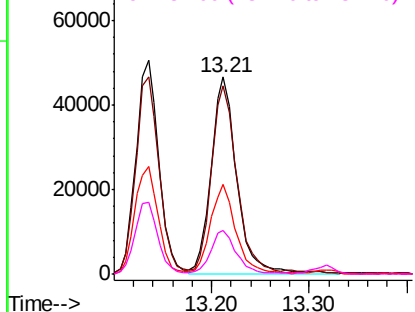
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

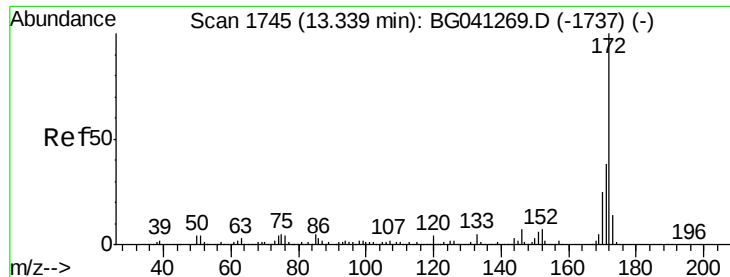


#44  
 2,4,5-Trichlorophenol  
 Concen: 40.060 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion:196 Resp: 85266  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 76.1 114.1  
 97 45.3 35.9 53.9  
 132 22.1 17.0 25.6

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

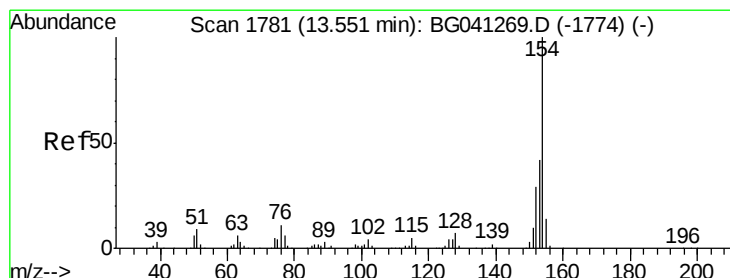
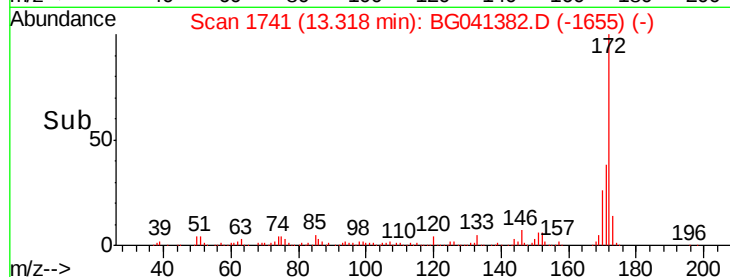
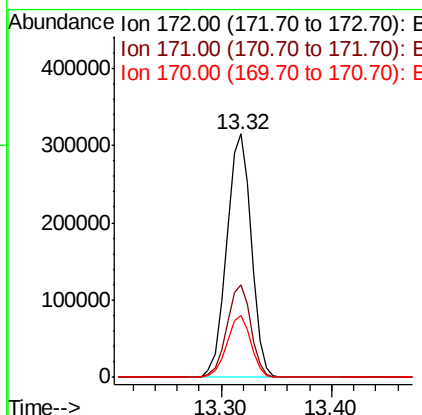
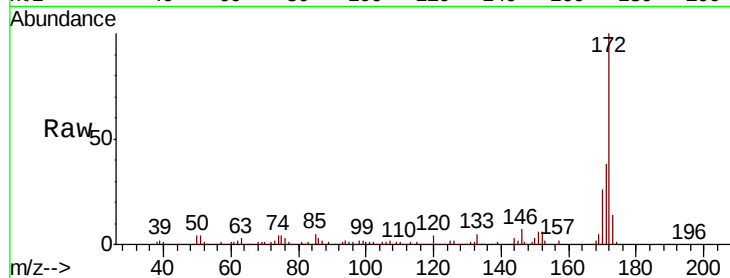




#45  
 2-Fluorobiphenyl  
 Concen: 82.258 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

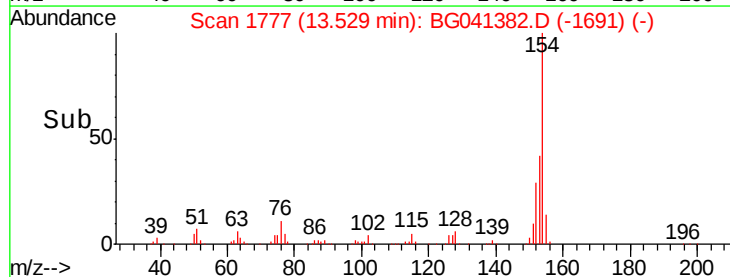
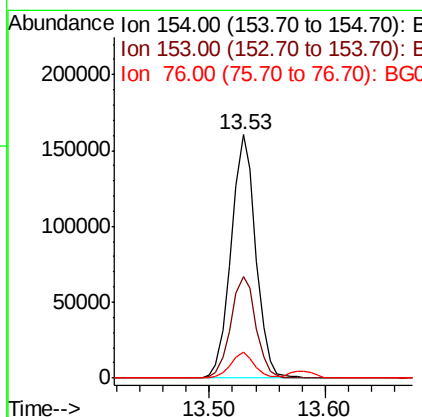
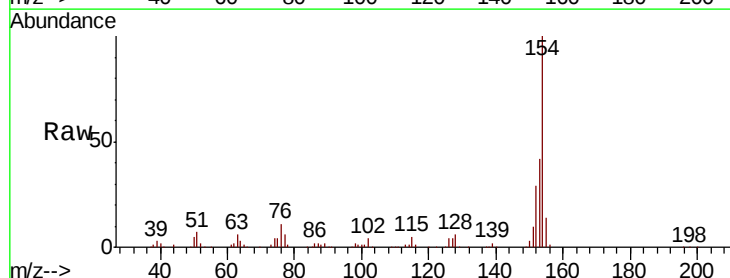
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

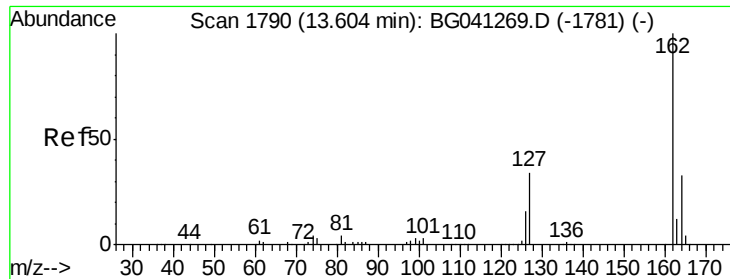
Tgt Ion:172 Resp: 490101  
 Ion Ratio Lower Upper  
 172 100  
 171 37.8 30.0 45.0  
 170 25.7 19.8 29.6



#46  
 1,1'-Biphenyl  
 Concen: 38.725 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion:154 Resp: 237079  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 22.3 62.3  
 76 10.7 0.0 30.8

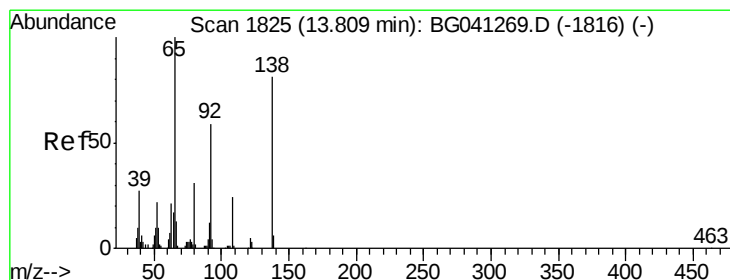
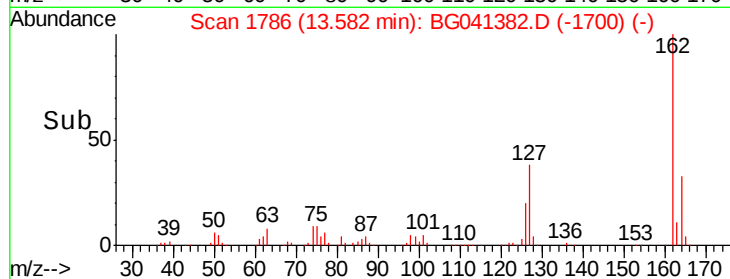
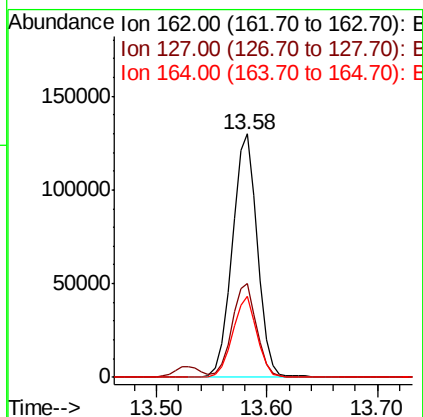
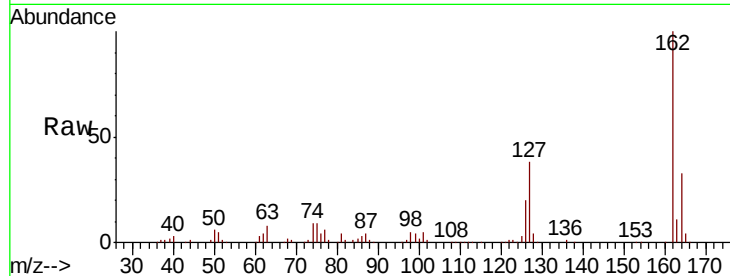




#47  
 2-Chloronaphthalene  
 Concen: 39.084 ng  
 RT: 13.58 min Scan# 1786  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

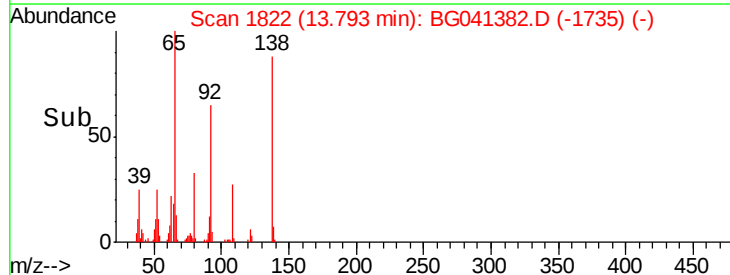
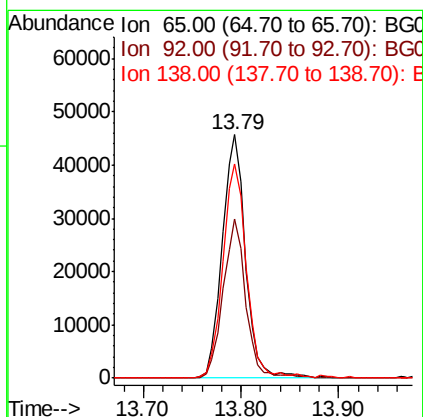
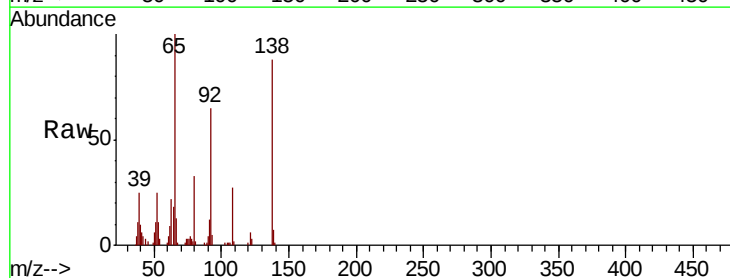
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

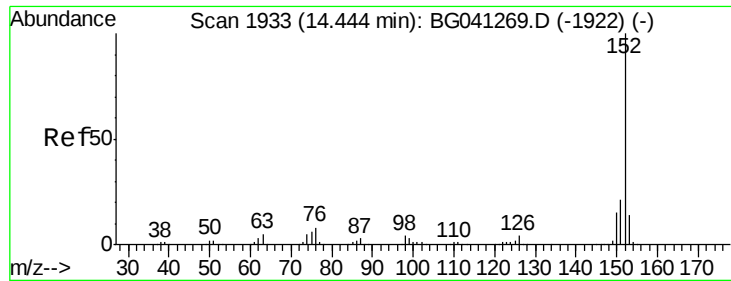
Tgt Ion: 162 Resp: 206001  
 Ion Ratio Lower Upper  
 162 100  
 127 38.4 31.0 46.4  
 164 33.1 26.1 39.1



#48  
 2-Nitroaniline  
 Concen: 39.176 ng  
 RT: 13.79 min Scan# 1822  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion: 65 Resp: 75623  
 Ion Ratio Lower Upper  
 65 100  
 92 65.4 47.4 71.2  
 138 88.1 64.7 97.1





#49

Acenaphthylene

Concen: 38.874 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

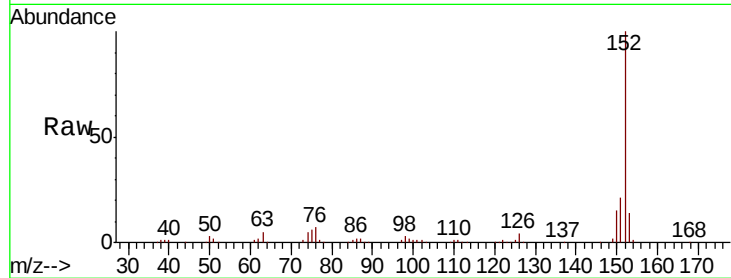
Tgt Ion:152 Resp: 310921

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

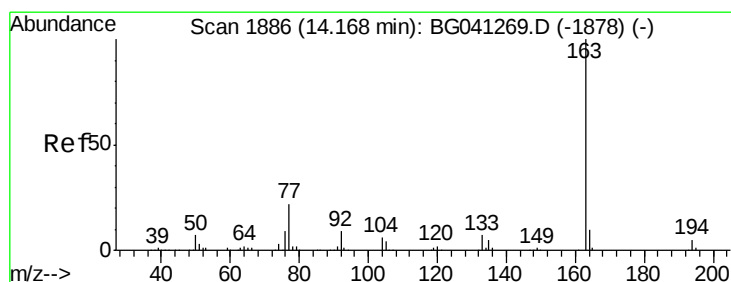
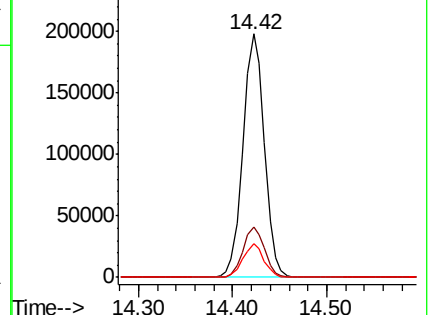
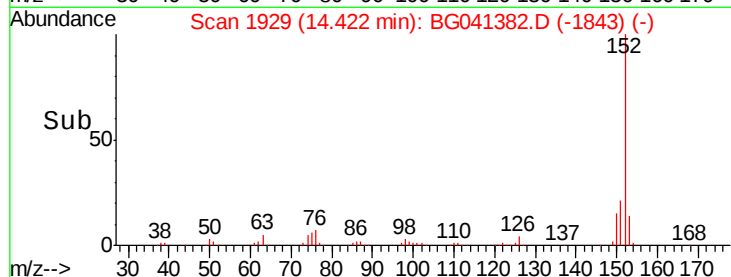
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.797 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

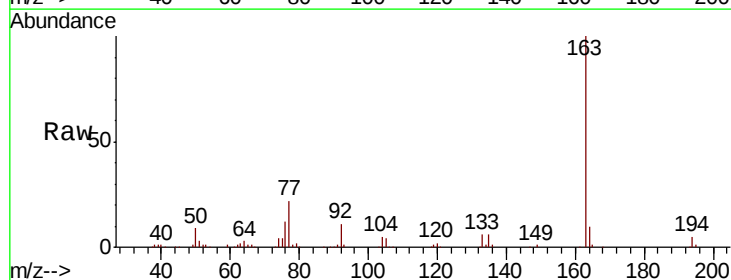
Tgt Ion:163 Resp: 279541

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

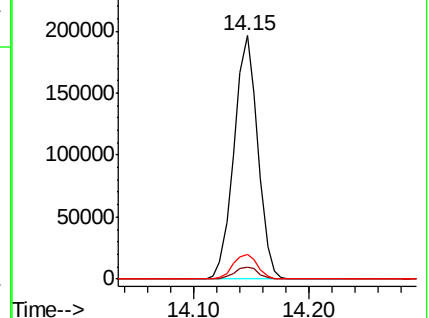
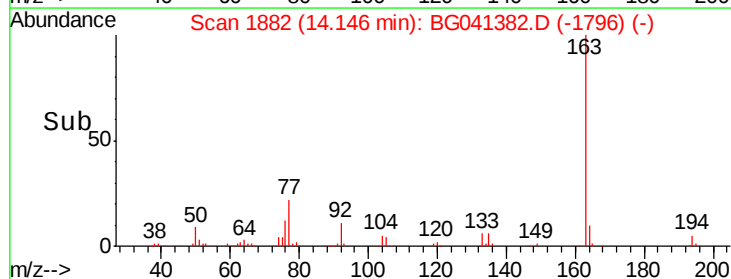
164 10.1 8.3 12.5

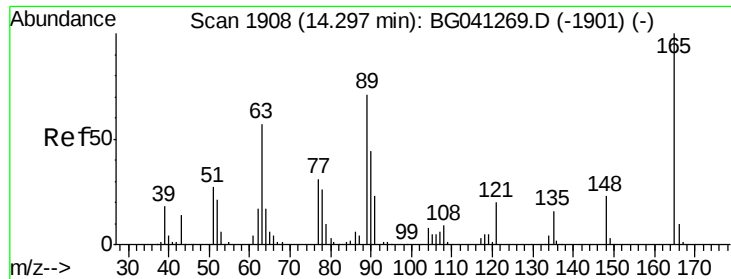


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

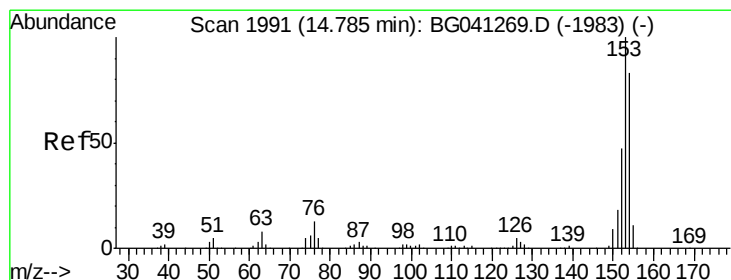
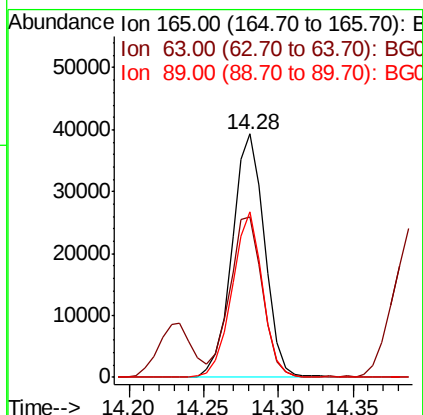
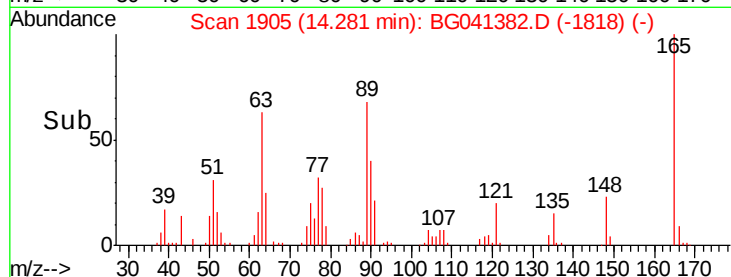
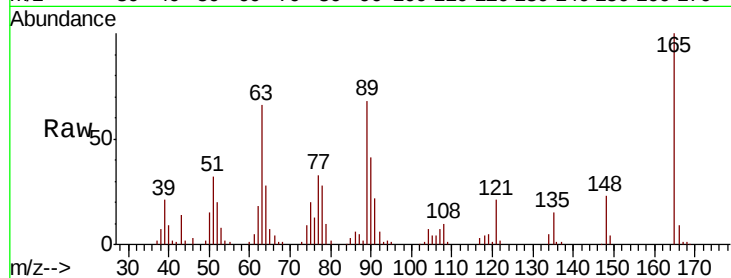




#51  
2,6-Dinitrotoluene  
Concen: 39.045 ng  
RT: 14.28 min Scan# 1905  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

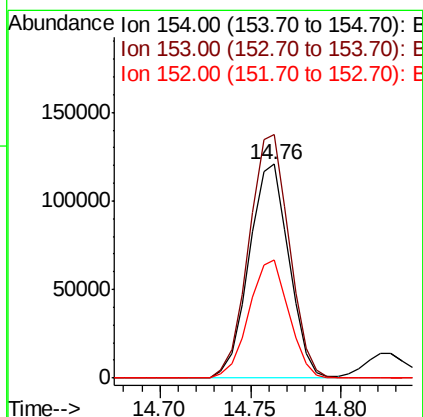
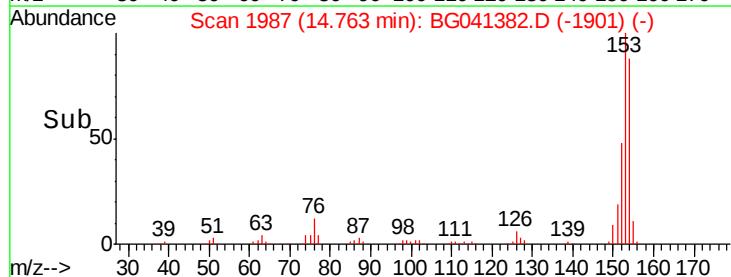
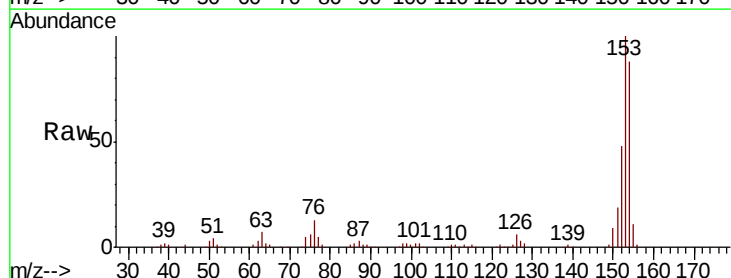
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

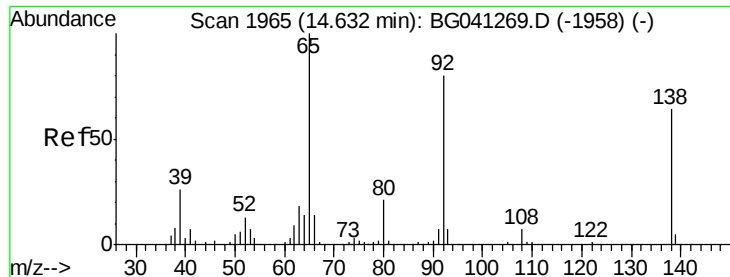
Tgt Ion:165 Resp: 59319  
Ion Ratio Lower Upper  
165 100  
63 65.8 55.4 83.0  
89 68.2 56.5 84.7



#52  
Acenaphthene  
Concen: 39.375 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:154 Resp: 184927  
Ion Ratio Lower Upper  
154 100  
153 113.9 96.6 145.0  
152 55.2 45.5 68.3

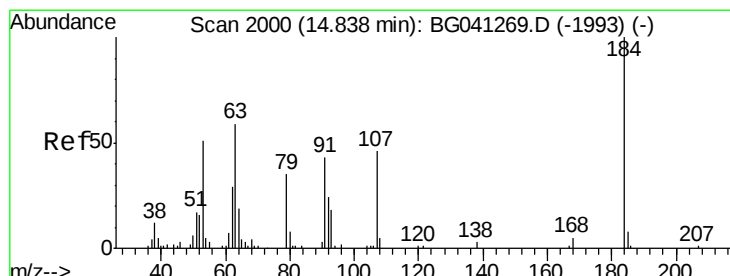
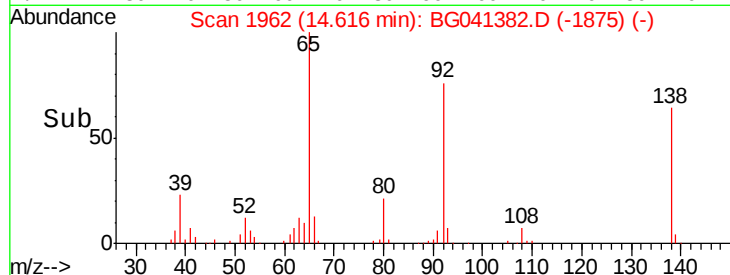
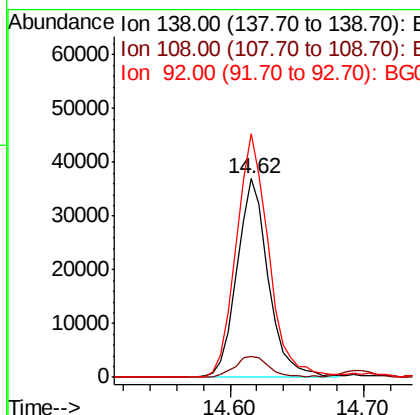
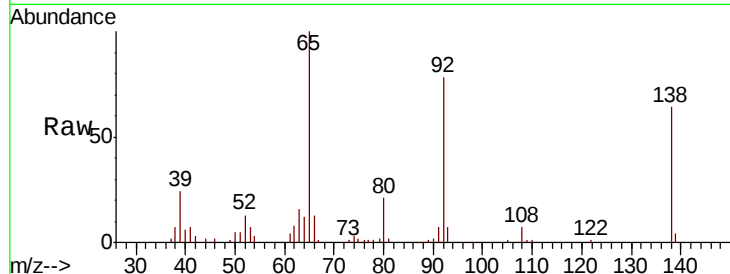




#53  
3-Nitroaniline  
Concen: 40.280 ng  
RT: 14.62 min Scan# 1962  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

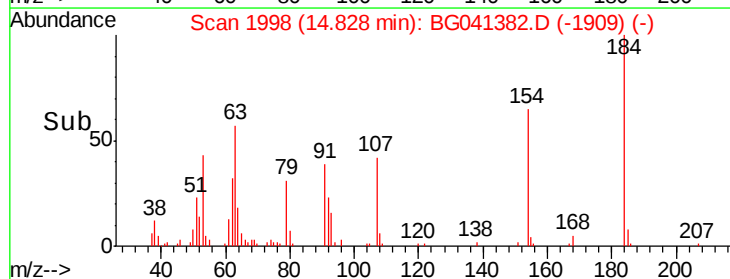
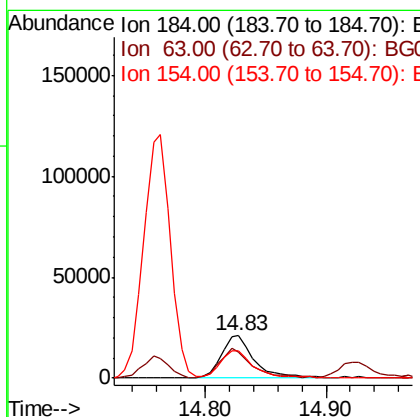
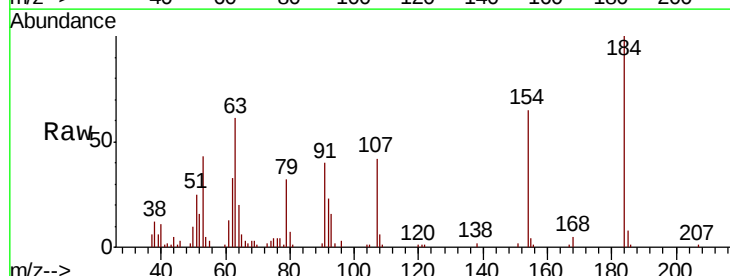
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

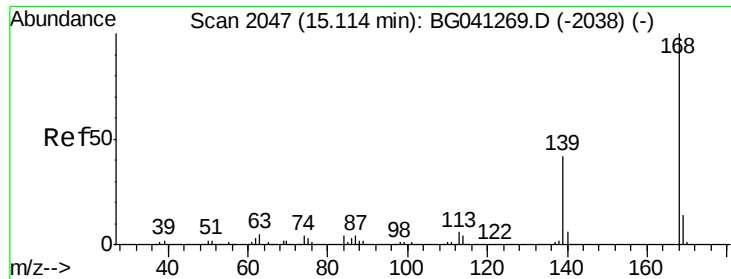
Tgt Ion:138 Resp: 60292  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.3 12.5  
92 122.6 100.2 150.4



#54  
2,4-Dinitrophenol  
Concen: 38.534 ng  
RT: 14.83 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:184 Resp: 39174  
Ion Ratio Lower Upper  
184 100  
63 61.2 60.0 90.0  
154 65.4 58.3 87.5

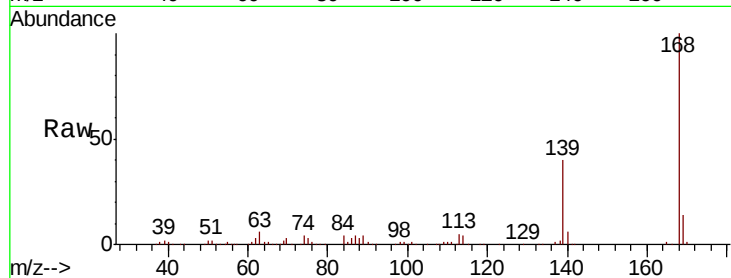




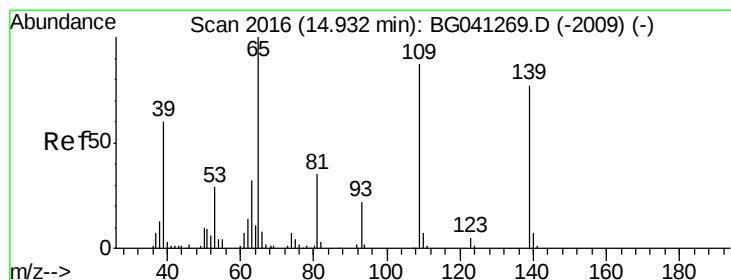
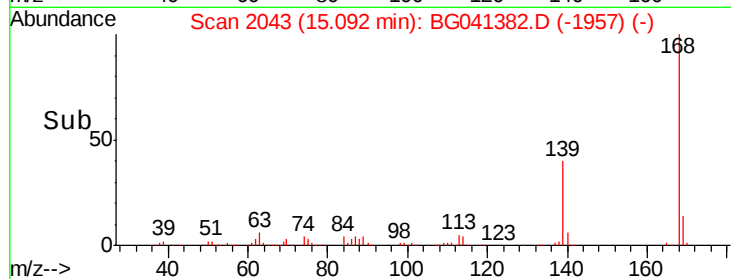
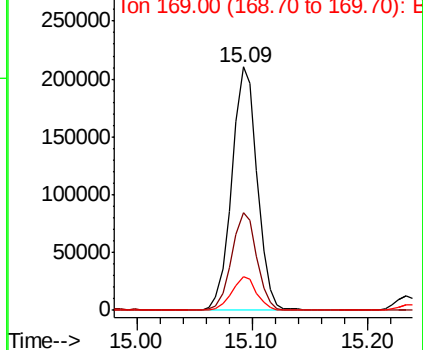
#55  
Dibenzenofuran  
Concen: 39.110 ng  
RT: 15.09 min Scan# 2043  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 319368  
Ion Ratio Lower Upper  
168 100  
139 40.4 33.6 50.4  
169 13.7 10.8 16.2

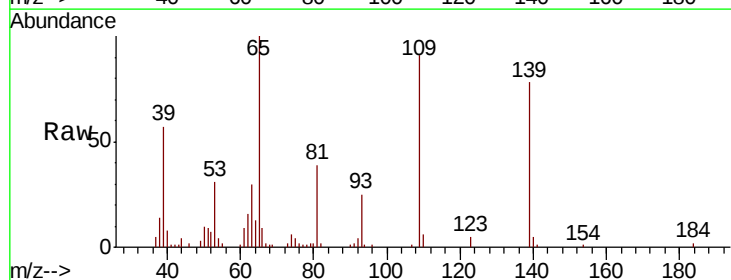


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

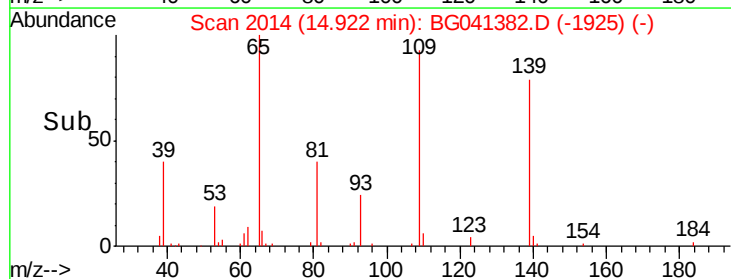
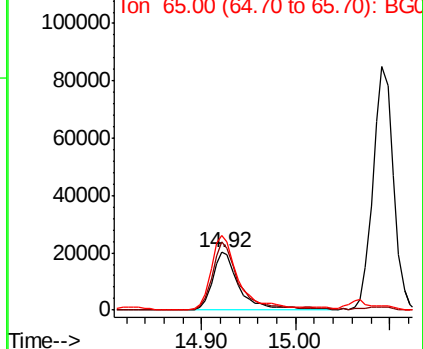


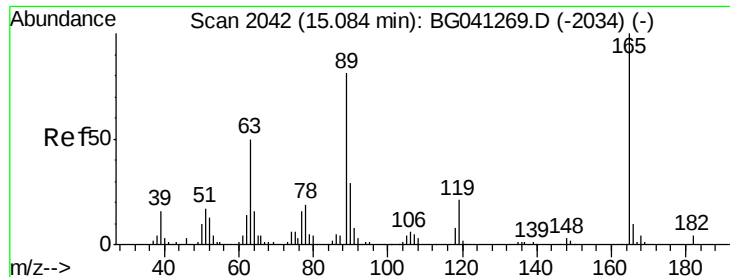
#56  
4-Nitrophenol  
Concen: 37.958 ng  
RT: 14.92 min Scan# 2014  
Delta R.T. -0.01 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:139 Resp: 41161  
Ion Ratio Lower Upper  
139 100  
109 117.5 93.2 133.2  
65 128.9 110.2 150.2



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

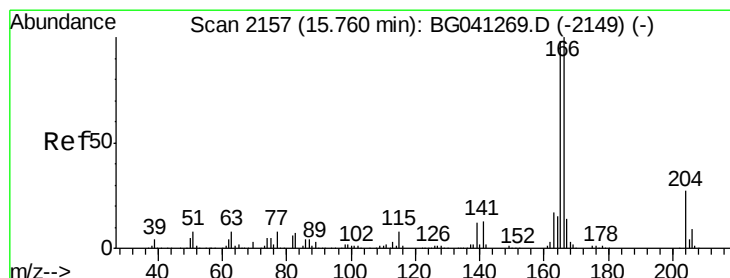
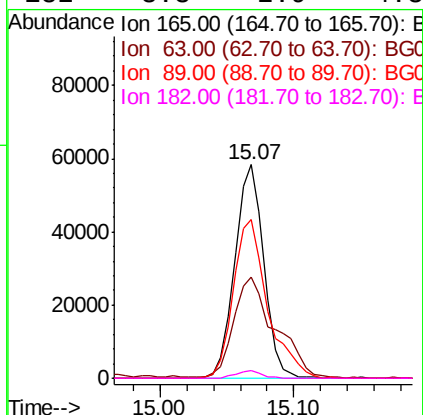
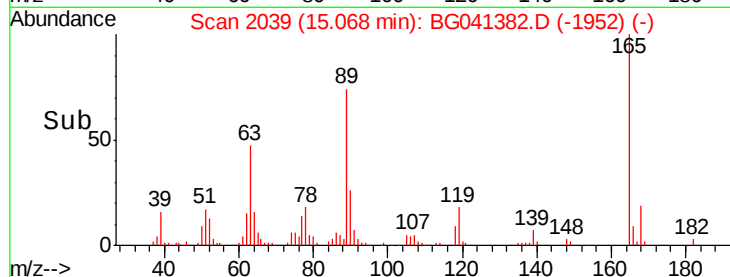
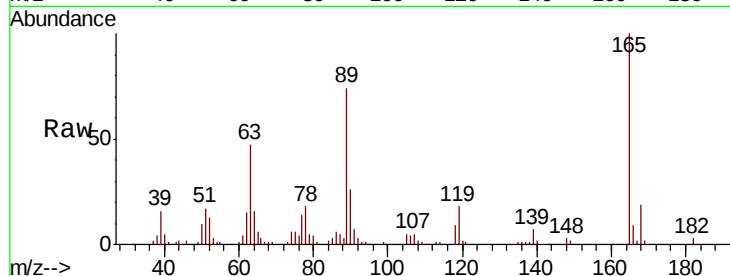




#57  
2,4-Dinitrotoluene  
Concen: 39.546 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

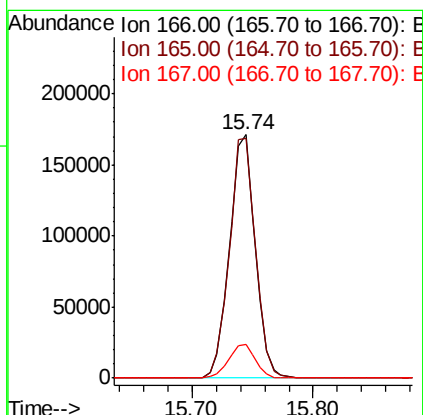
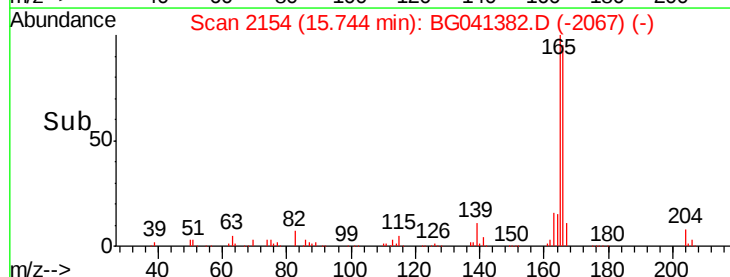
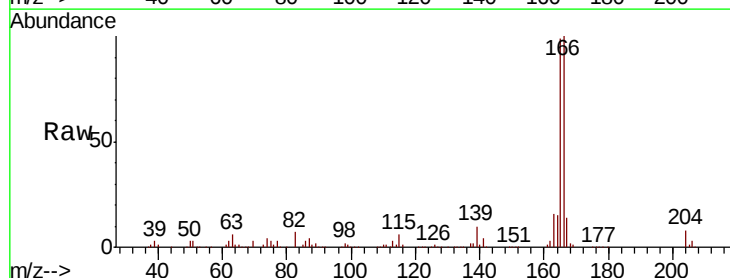
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 87826 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 47.4  | 40.0  | 60.0  |
| 89       | 74.3  | 64.6  | 96.8  |
| 182      | 3.3   | 2.9   | 4.3   |



#58  
Fluorene  
Concen: 39.458 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 253463 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.7  | 78.8  | 118.2  |
| 167      | 13.7  | 11.3  | 16.9   |

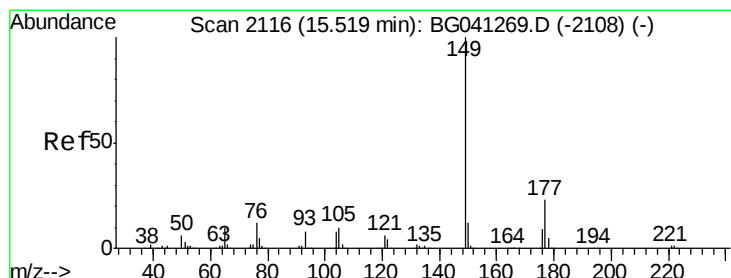
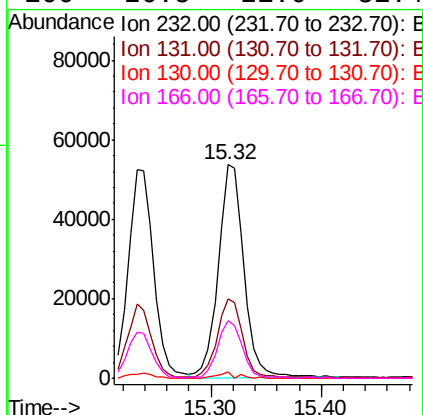
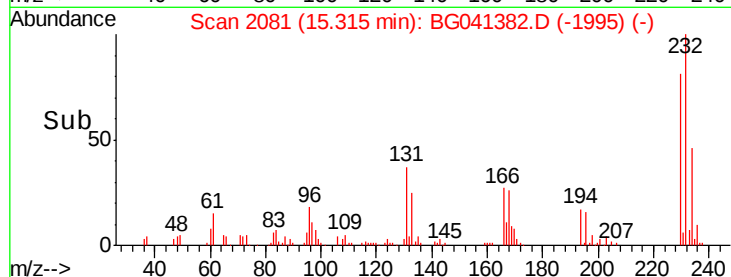
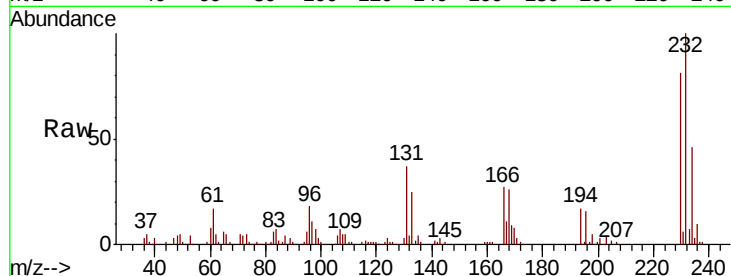




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.340 ng  
RT: 15.32 min Scan# 2081  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

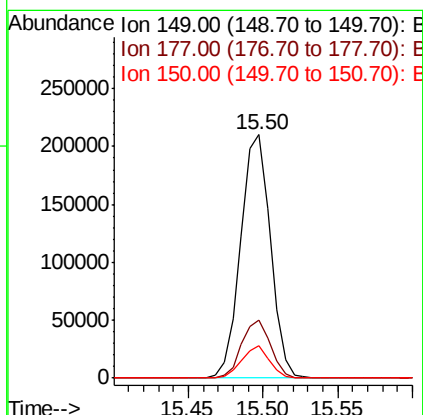
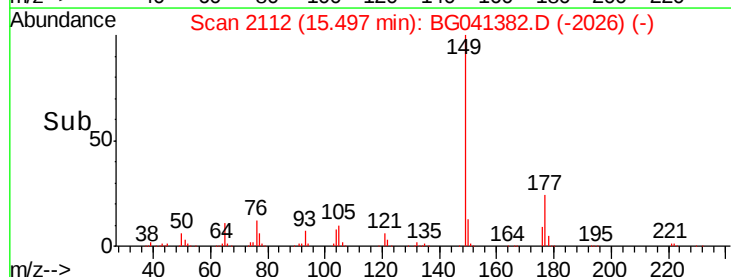
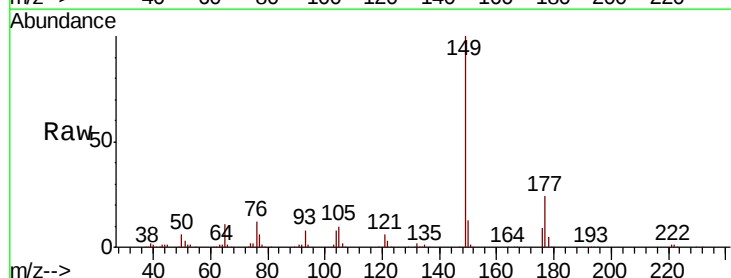
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

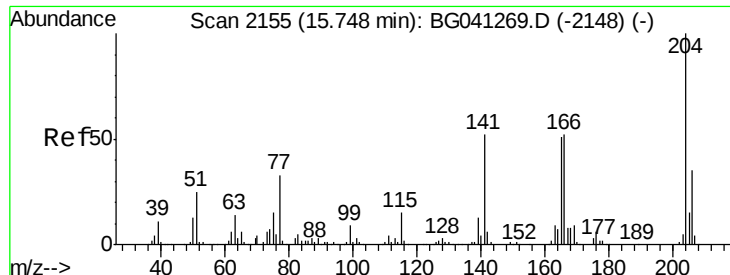
Tgt Ion:232 Resp: 86589  
Ion Ratio Lower Upper  
232 100  
131 37.3 29.0 43.6  
130 2.0 1.6 2.4  
166 26.5 21.0 31.4



#60  
Diethylphthalate  
Concen: 39.730 ng  
RT: 15.50 min Scan# 2112  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:149 Resp: 290968  
Ion Ratio Lower Upper  
149 100  
177 24.0 18.4 27.6  
150 13.2 9.9 14.9

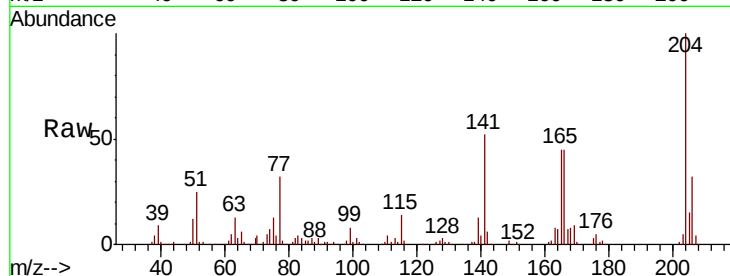




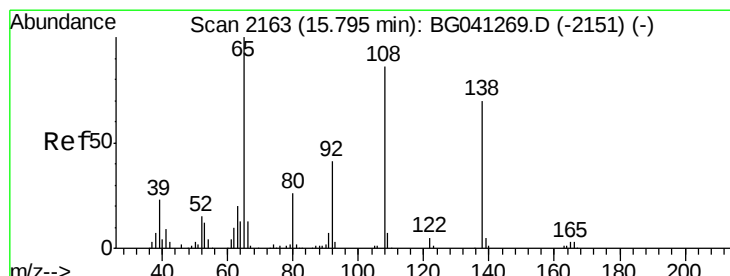
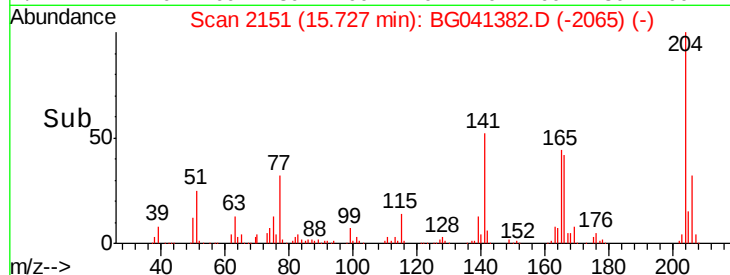
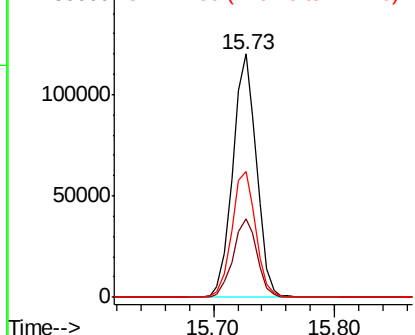
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.247 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:204 Resp: 164027  
 Ion Ratio Lower Upper  
 204 100  
 206 32.2 27.9 41.9  
 141 51.7 41.4 62.0

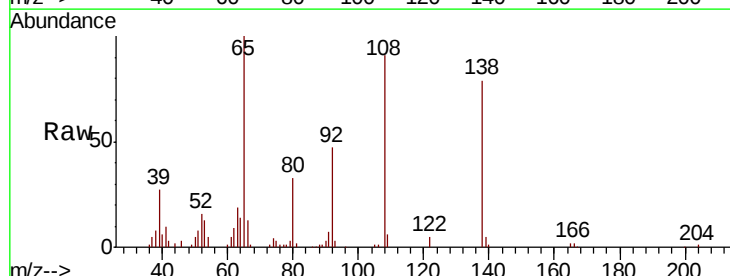


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

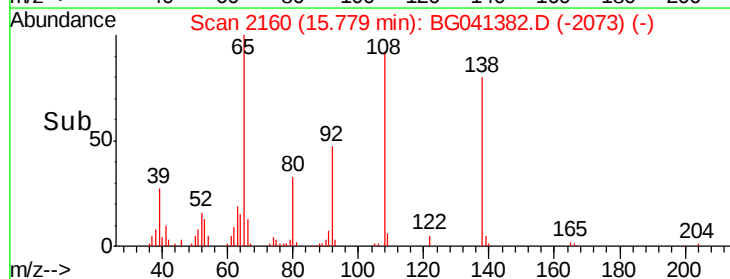
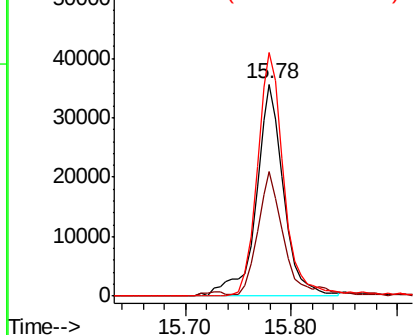


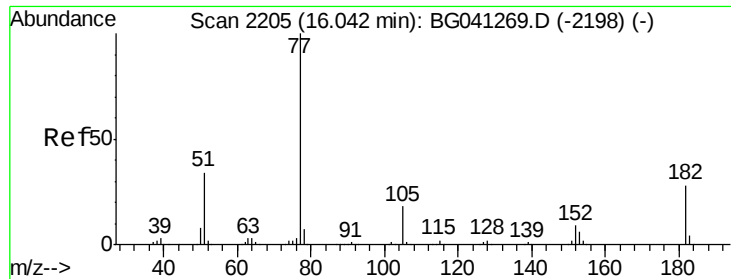
#62  
 4-Nitroaniline  
 Concen: 40.178 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion:138 Resp: 64322  
 Ion Ratio Lower Upper  
 138 100  
 92 58.7 38.8 78.8  
 108 115.0 103.4 143.4



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

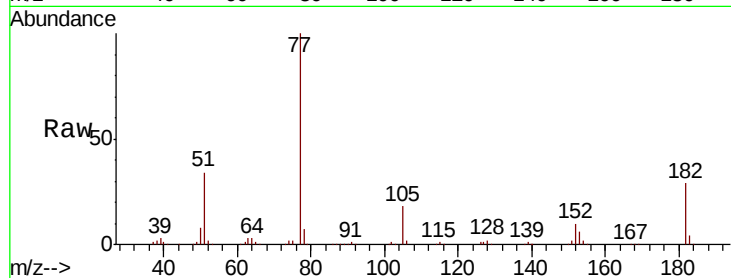




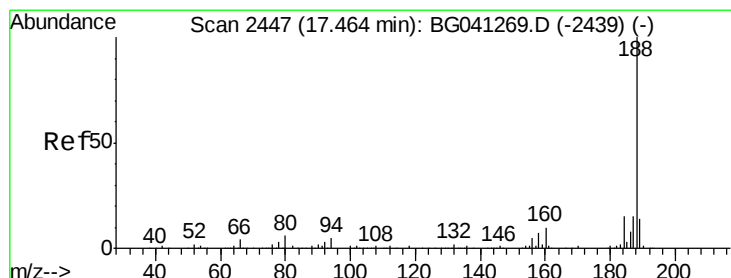
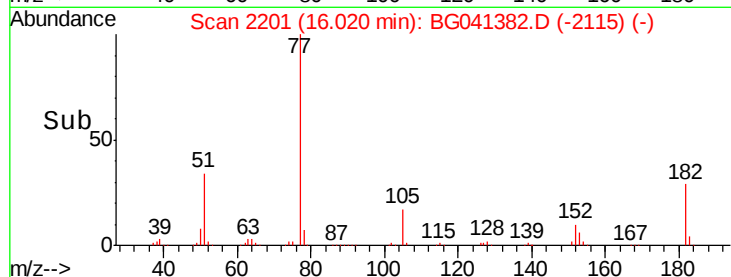
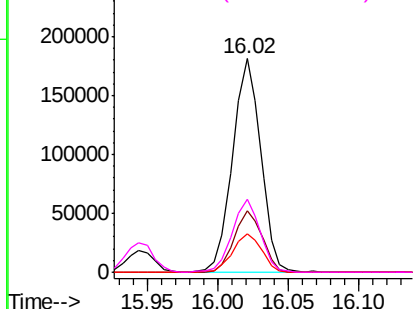
#63  
Azobenzene  
Concen: 38.656 ng  
RT: 16.02 min Scan# 2201  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 252560  
Ion Ratio Lower Upper  
77 100  
182 28.5 7.5 47.5  
105 17.8 0.0 37.7  
51 33.9 14.6 54.6

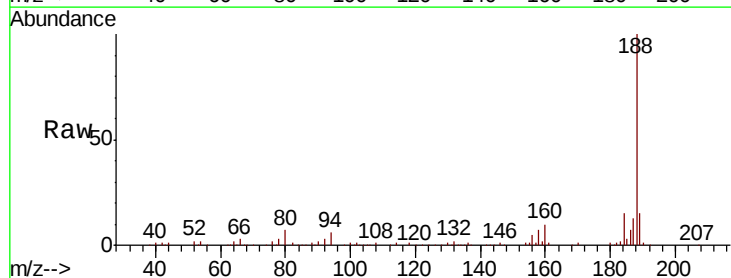


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

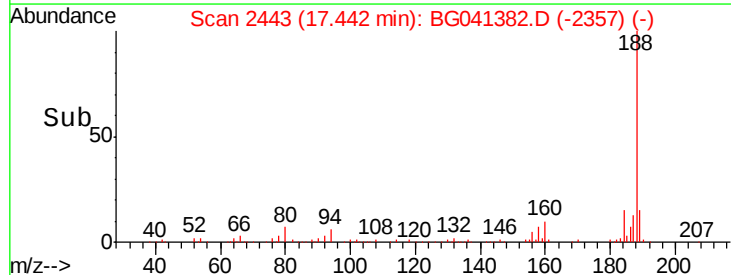
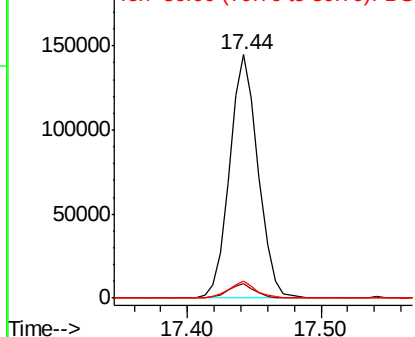


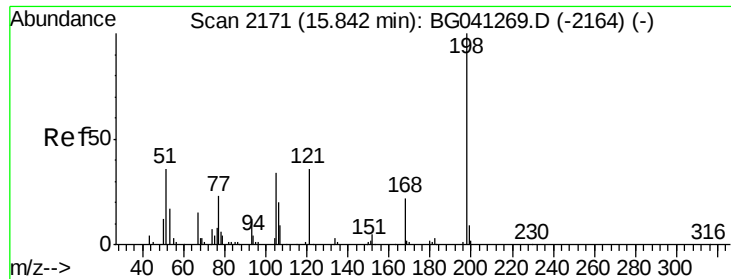
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.02 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion: 188 Resp: 214776  
Ion Ratio Lower Upper  
188 100  
94 6.0 3.6 5.4#  
80 6.8 4.8 7.2



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

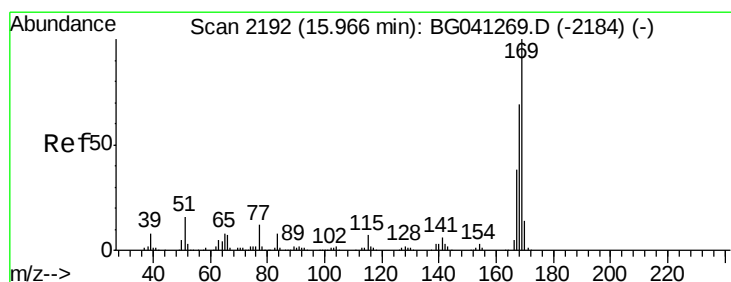
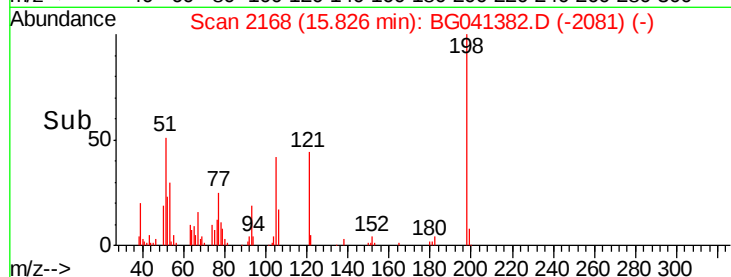
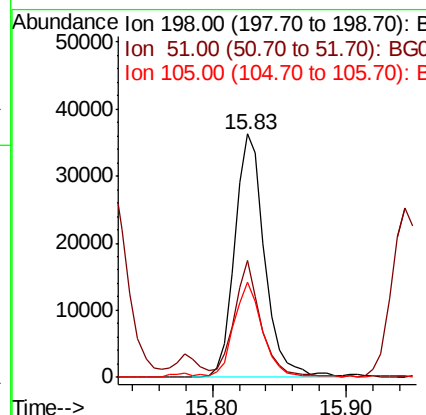
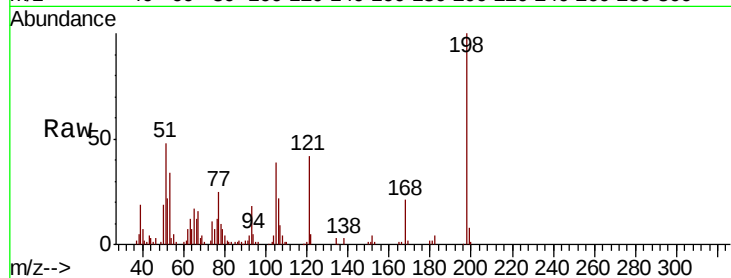




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.738 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

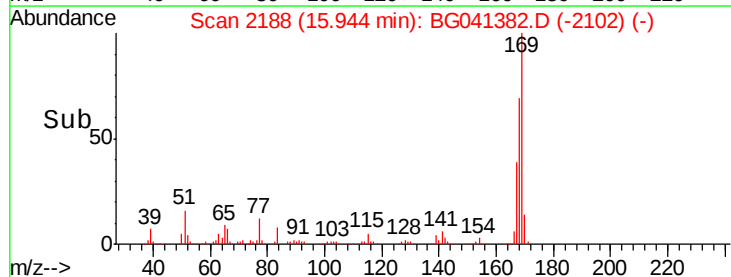
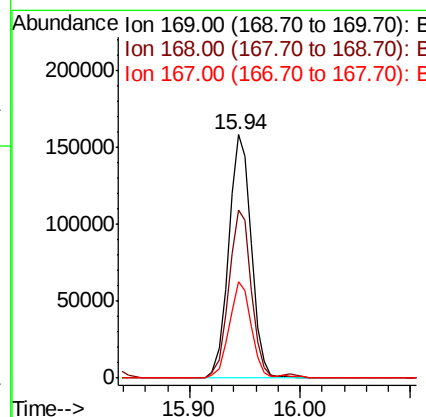
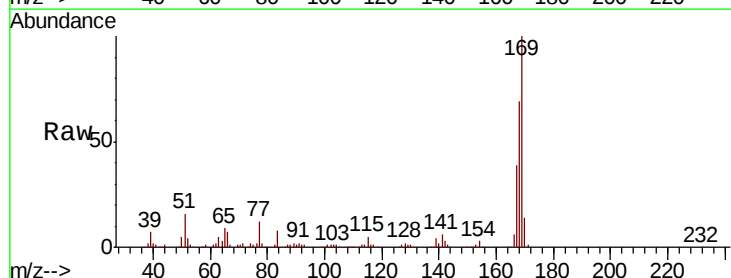
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

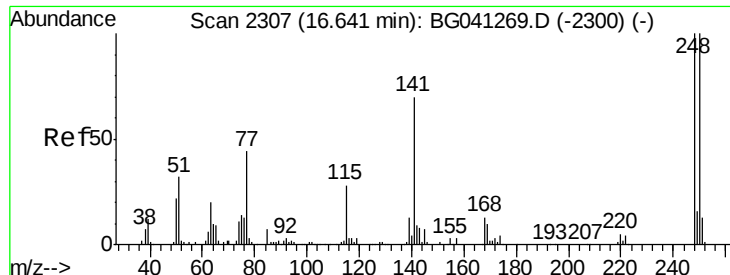
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 56791 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 47.8  | 23.4  | 63.4  |
| 105      | 39.2  | 15.8  | 55.8  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.805 ng  
 RT: 15.94 min Scan# 2188  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 226999 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 68.9  | 55.2  | 82.8   |
| 167      | 39.4  | 30.4  | 45.6   |

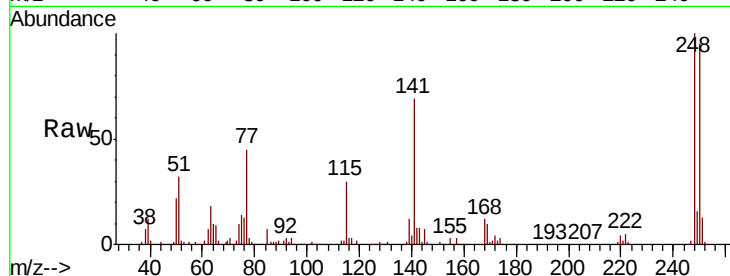




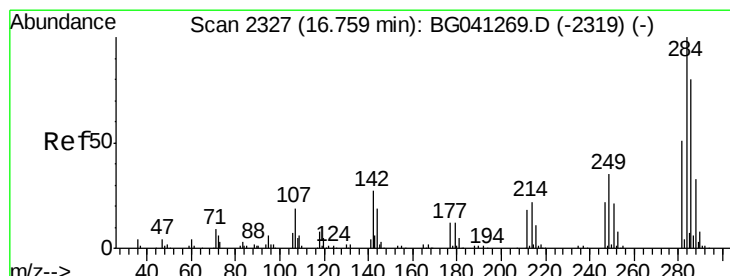
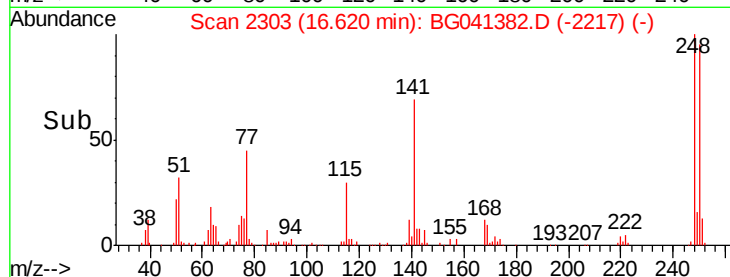
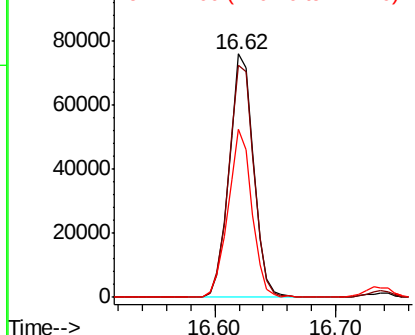
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.520 ng  
 RT: 16.62 min Scan# 2303  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:248 Resp: 106974  
 Ion Ratio Lower Upper  
 248 100  
 250 95.3 79.8 119.8  
 141 68.8 55.8 83.6

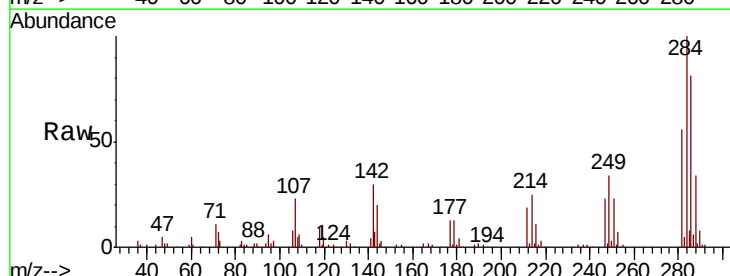


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

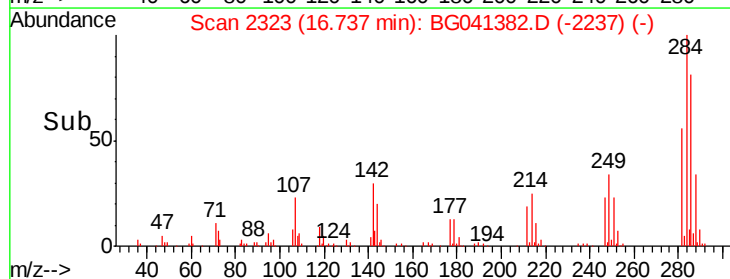
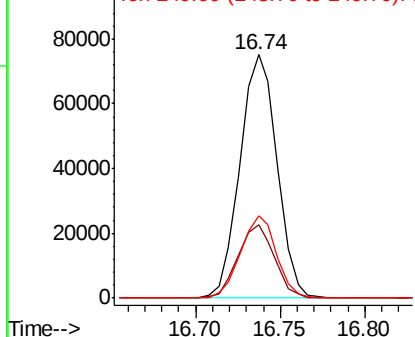


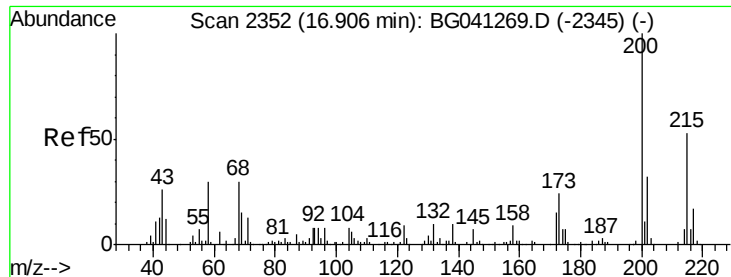
#68  
 Hexachlorobenzene  
 Concen: 38.417 ng  
 RT: 16.74 min Scan# 2323  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion:284 Resp: 114247  
 Ion Ratio Lower Upper  
 284 100  
 142 29.9 21.8 32.8  
 249 33.7 27.8 41.6



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





#69

Atrazine

Concen: 38.691 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

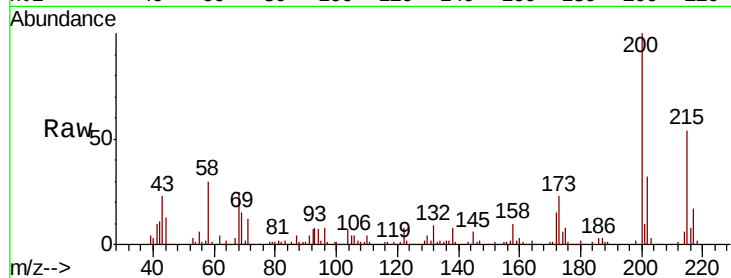
Tgt Ion:200 Resp: 83691

Ion Ratio Lower Upper

200 100

173 22.8 4.0 44.0

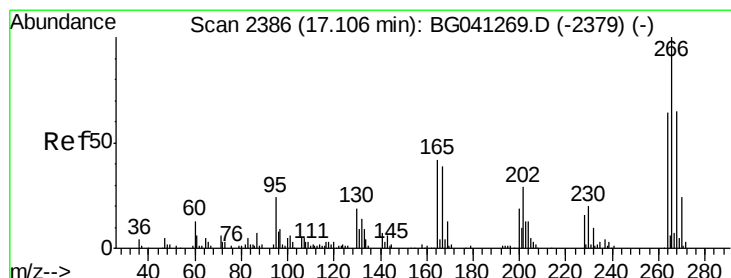
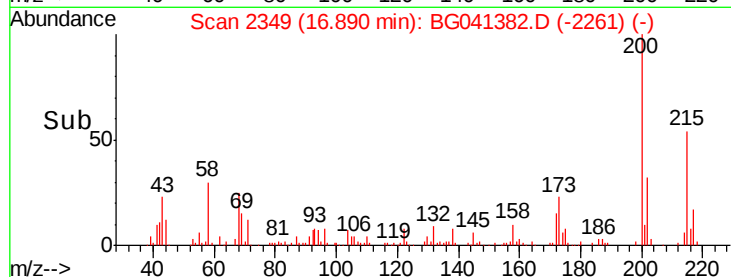
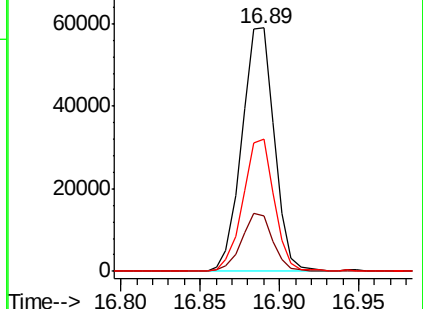
215 54.2 33.4 73.4



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: 39.342 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

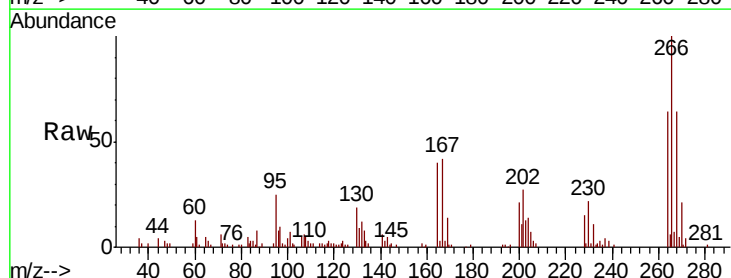
Tgt Ion:266 Resp: 59909

Ion Ratio Lower Upper

266 100

268 63.6 52.0 78.0

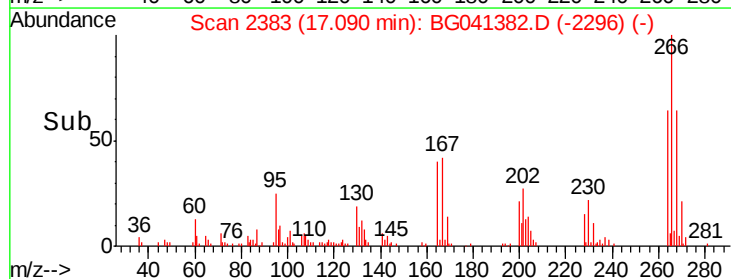
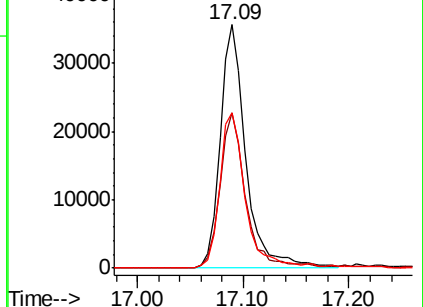
264 63.9 51.2 76.8

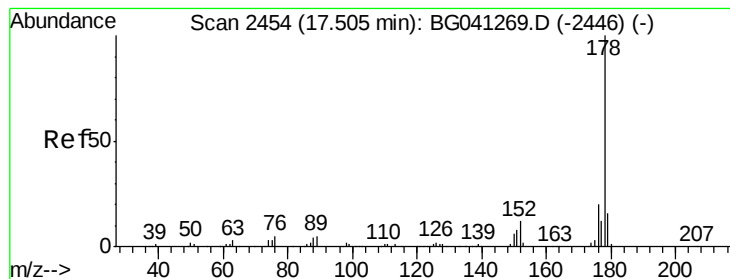


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.025 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

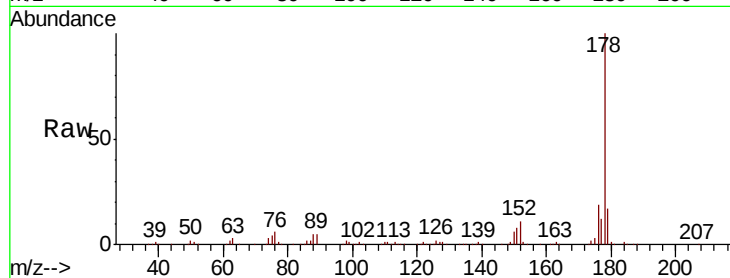
Tgt Ion:178 Resp: 447027

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

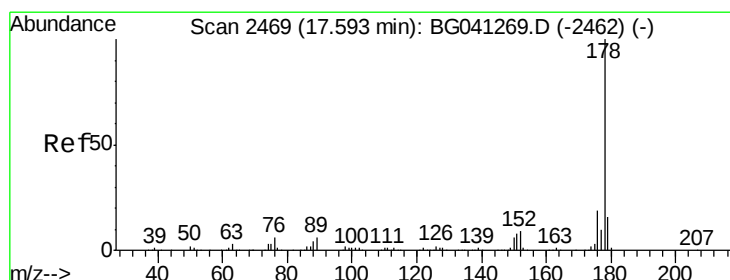
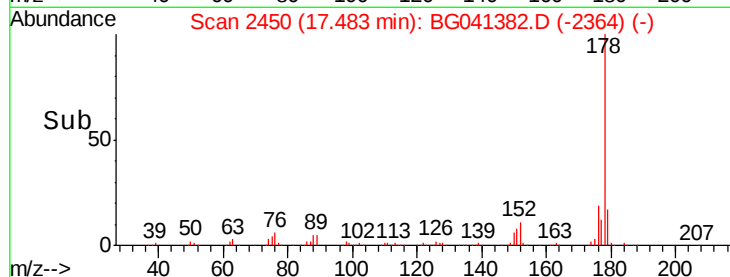
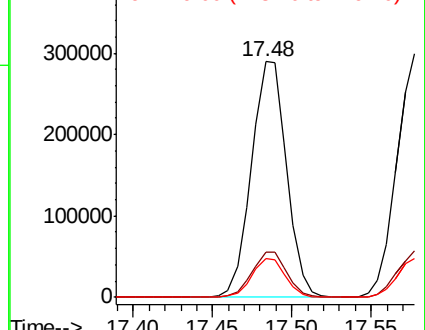
179 16.6 12.9 19.3



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: 39.176 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

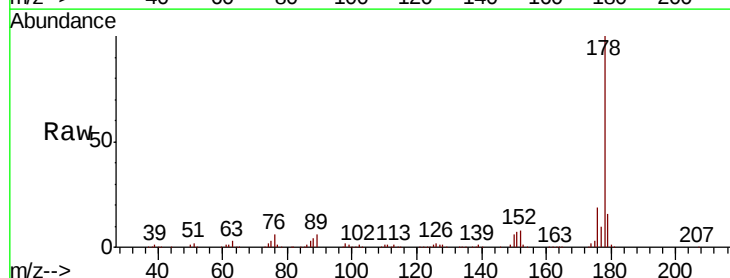
Tgt Ion:178 Resp: 442408

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

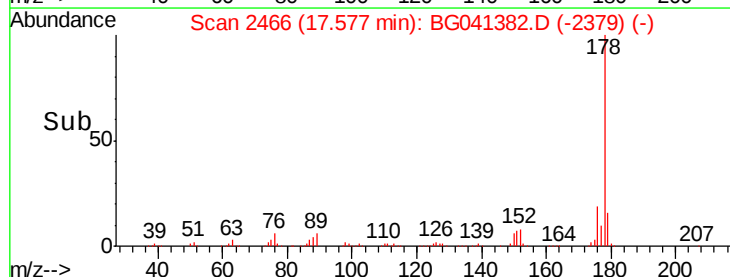
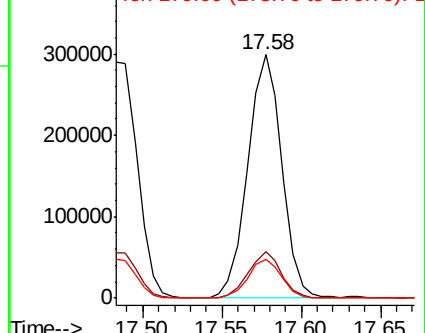
179 16.0 13.0 19.4

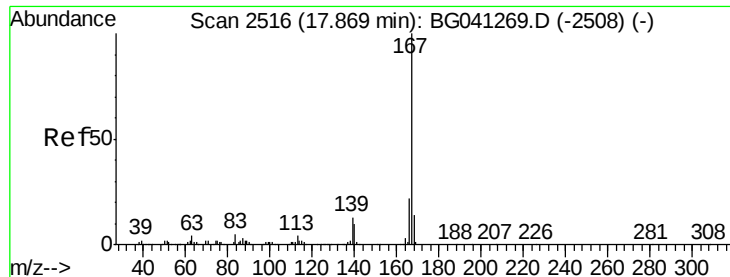


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

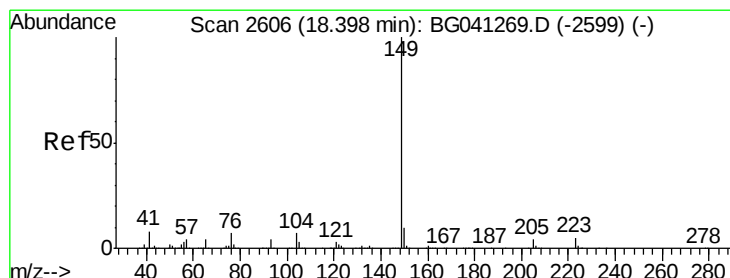
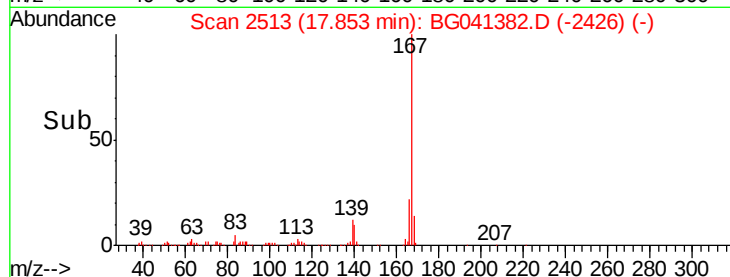
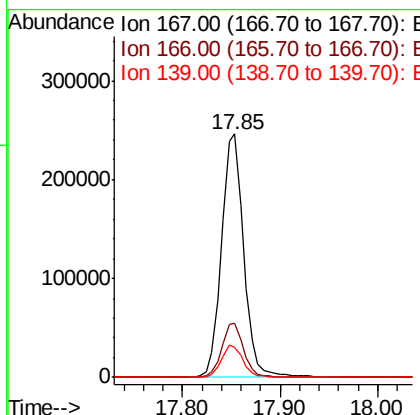
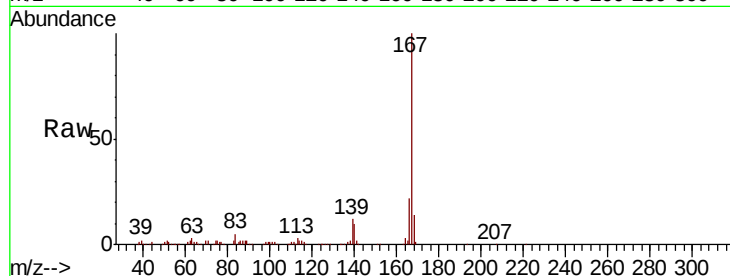




#73  
 Carbazole  
 Concen: 39.219 ng  
 RT: 17.85 min Scan# 2513  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

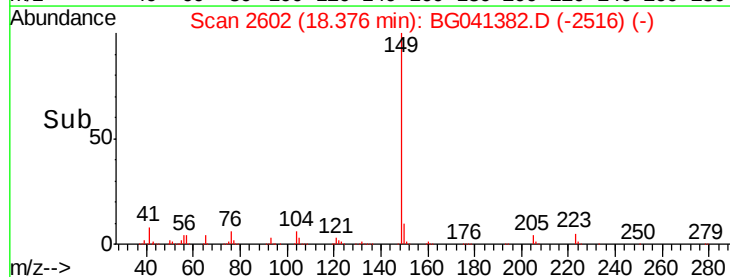
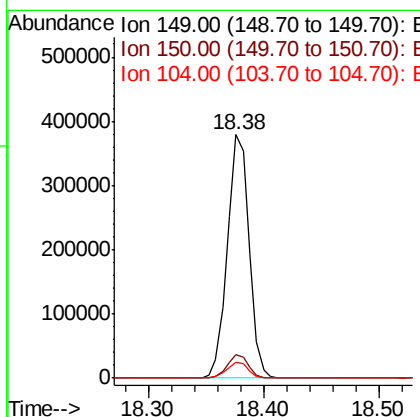
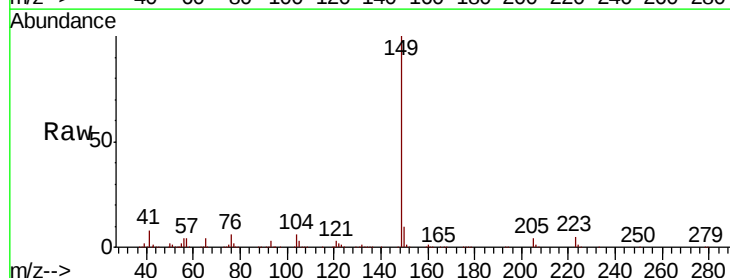
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

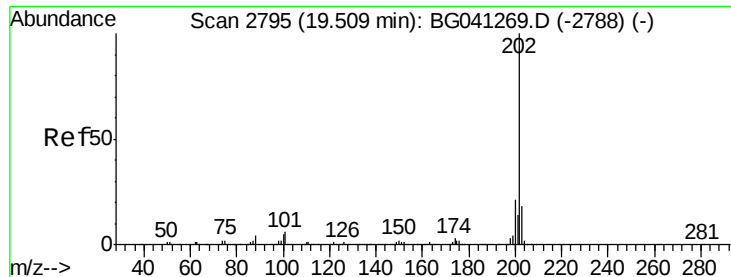
Tgt Ion:167 Resp: 387433  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.9 26.9  
 139 12.3 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 40.021 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. -0.02 min  
 Lab File: BG041382.D  
 Acq: 21 Jun 2019 18:41

Tgt Ion:149 Resp: 493311  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 8.1 12.1  
 104 6.2 5.4 8.0





#75

Fluoranthene

Concen: 37.685 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

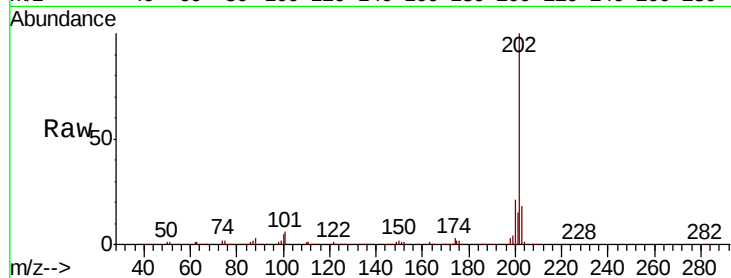
Tgt Ion:202 Resp: 573485

Ion Ratio Lower Upper

202 100

101 5.7 0.0 26.0

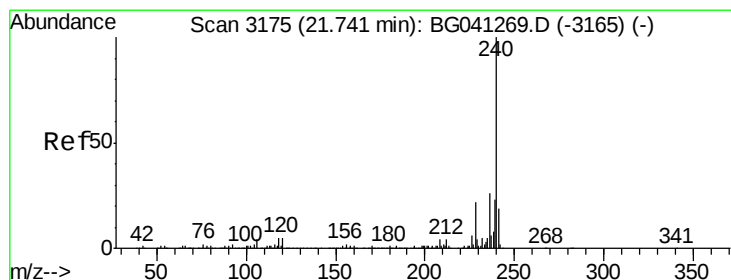
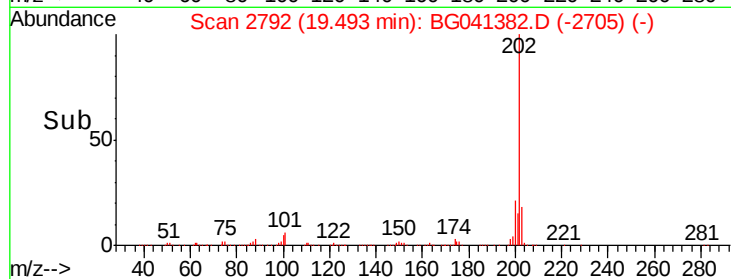
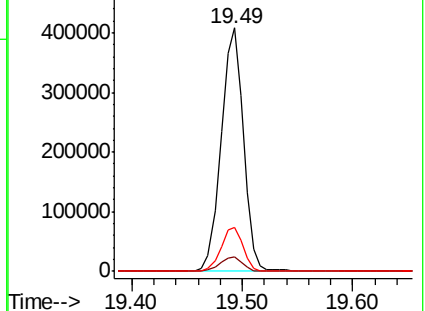
203 18.1 0.0 37.7



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: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

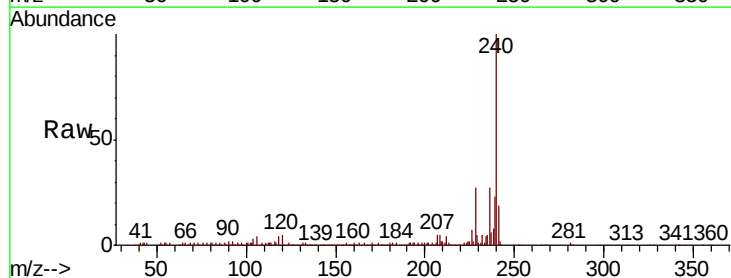
Tgt Ion:240 Resp: 205999

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

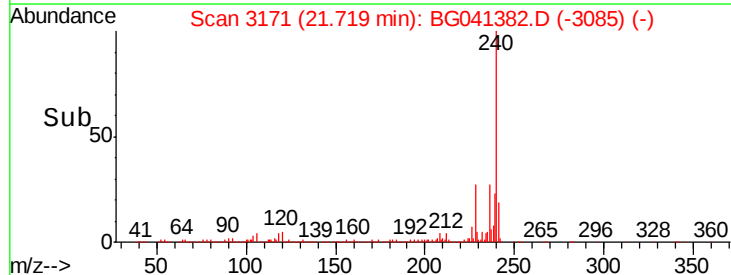
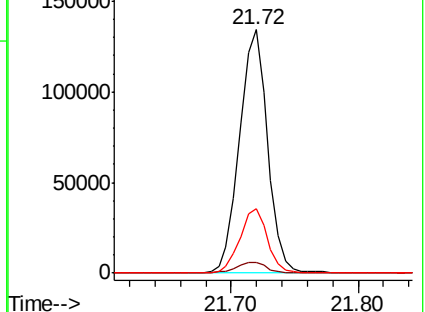
236 26.5 21.1 31.7

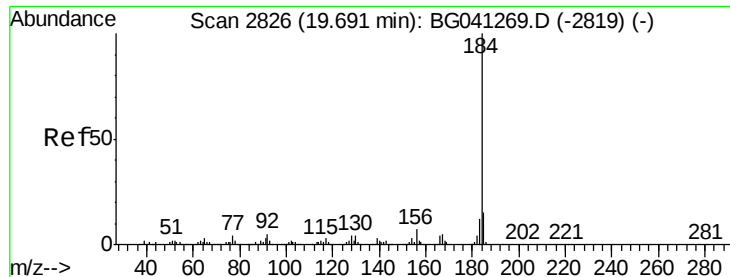


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.091 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

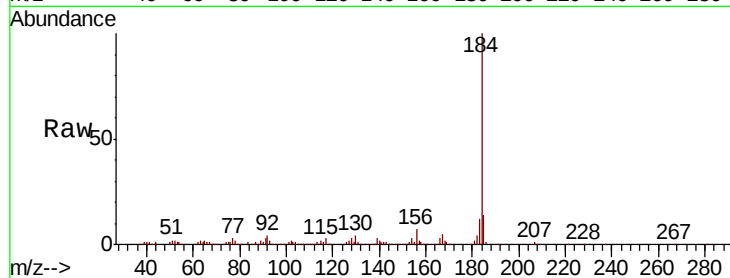
Tgt Ion:184 Resp: 224673

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

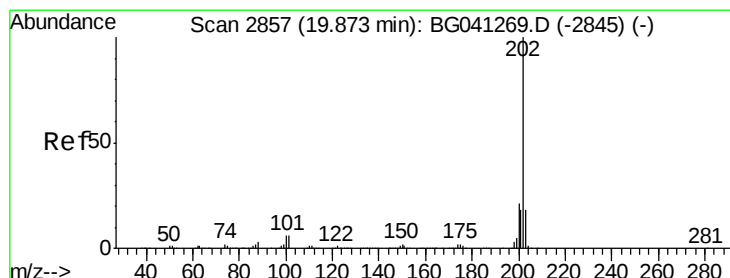
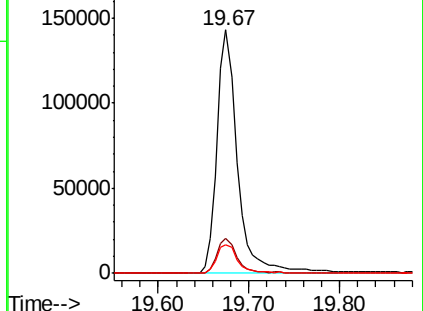
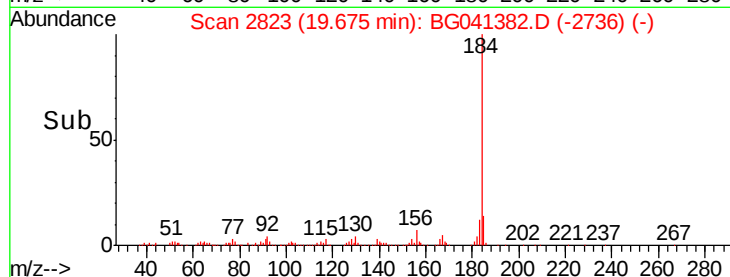
183 12.0 9.6 14.4



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: 41.143 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

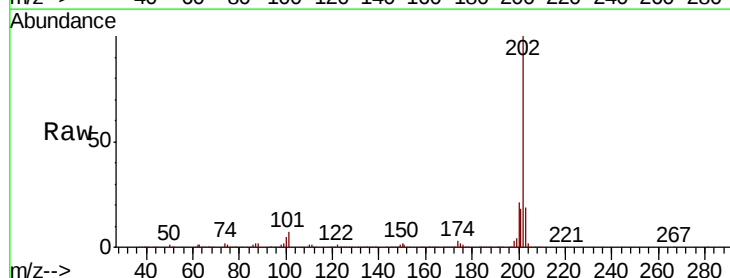
Tgt Ion:202 Resp: 571588

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

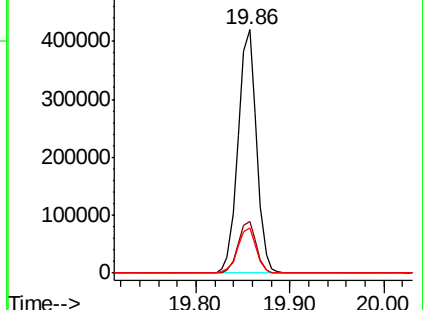
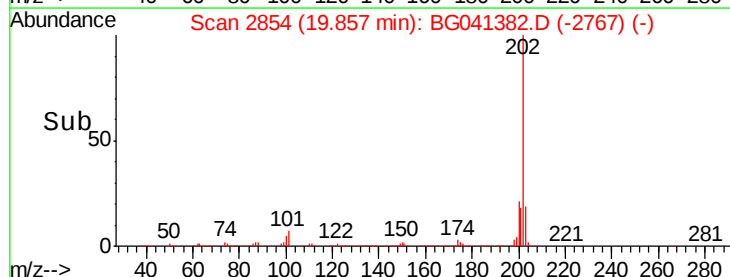
203 18.7 14.6 21.8

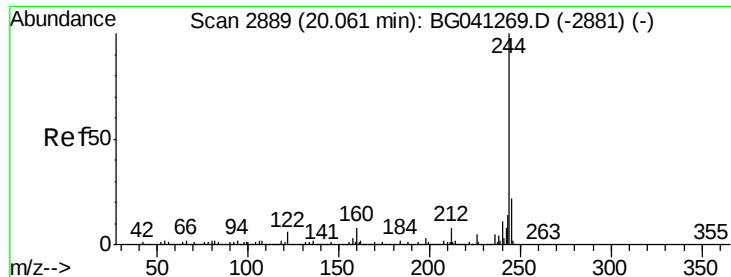


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.859 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

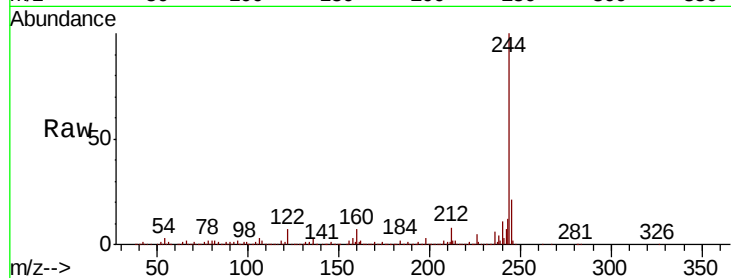
Tgt Ion:244 Resp: 923655

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

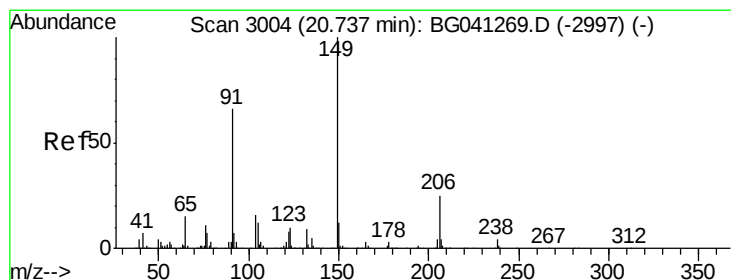
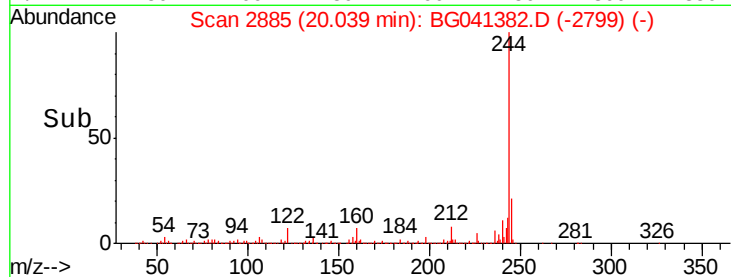
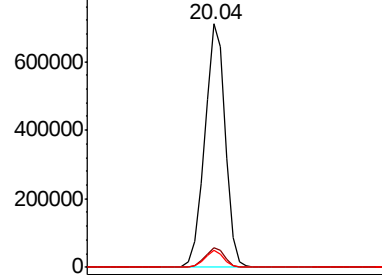
122 6.8 5.0 7.4



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: 40.189 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

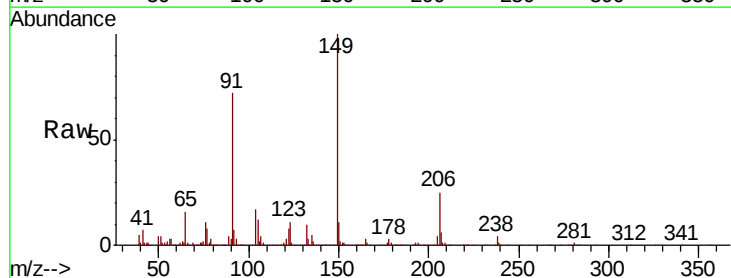
Tgt Ion:149 Resp: 211187

Ion Ratio Lower Upper

149 100

91 71.6 53.2 79.8

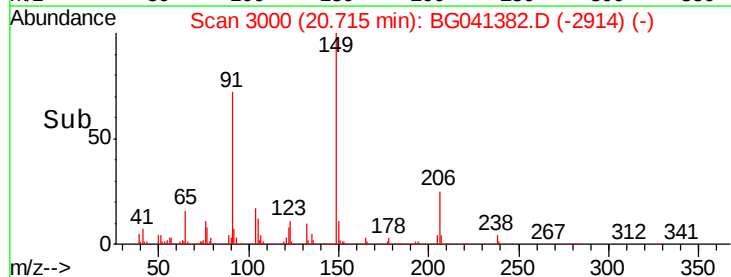
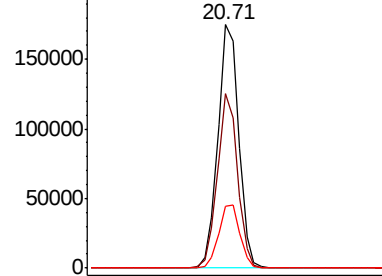
206 25.4 20.3 30.5

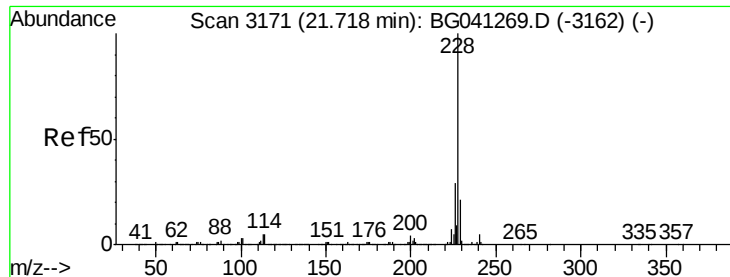


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.178 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

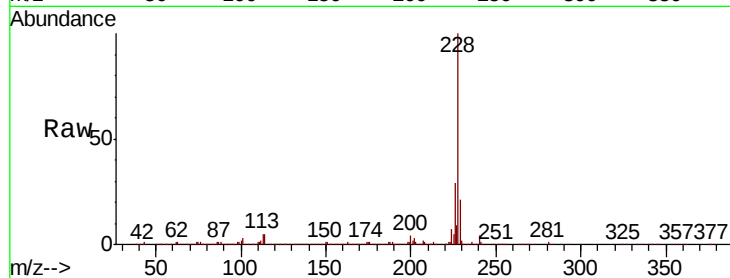
Tgt Ion: 228 Resp: 546451

Ion Ratio Lower Upper

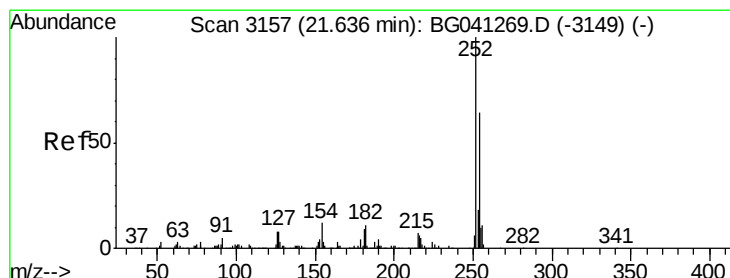
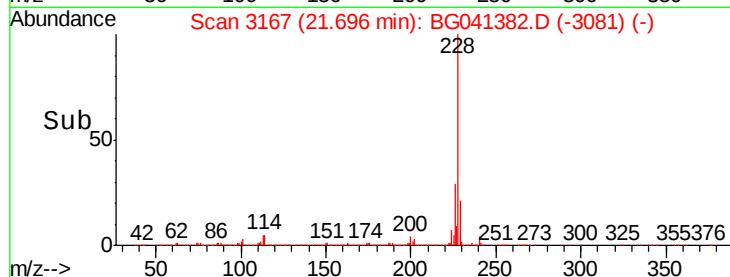
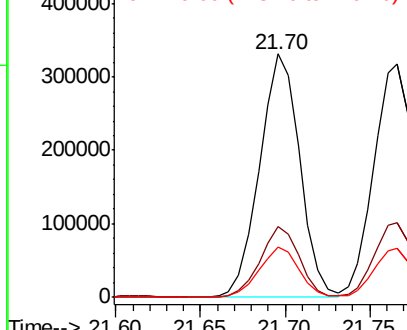
228 100

226 29.0 23.2 34.8

229 20.7 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.859 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

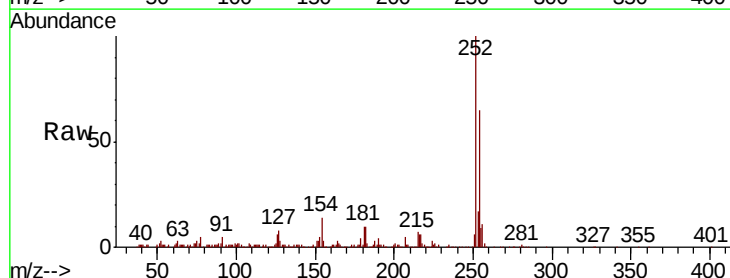
Tgt Ion: 252 Resp: 200055

Ion Ratio Lower Upper

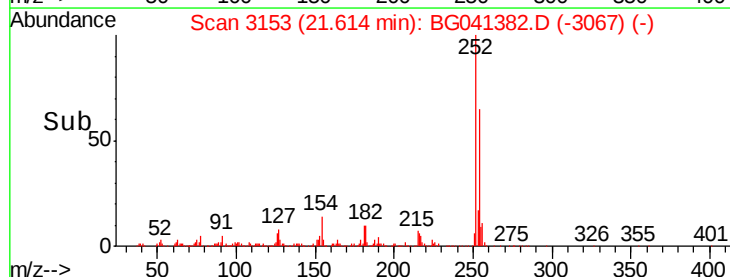
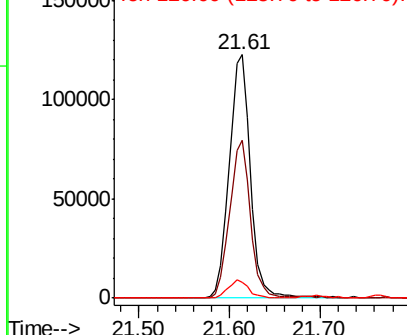
252 100

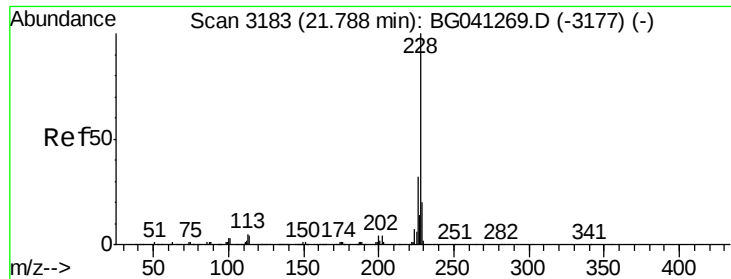
254 65.1 51.4 77.0

126 6.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.345 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

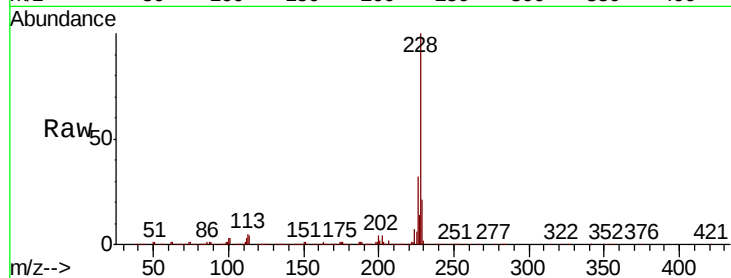
Tgt Ion:228 Resp: 527747

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 21.0 16.2 24.2

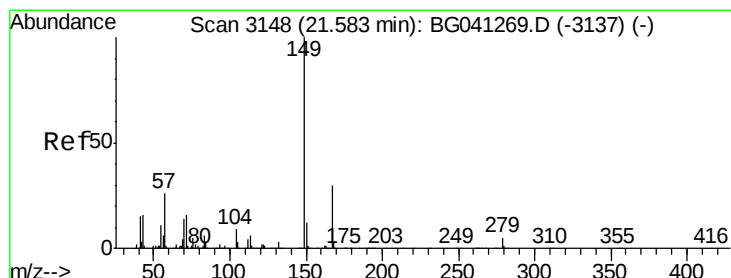
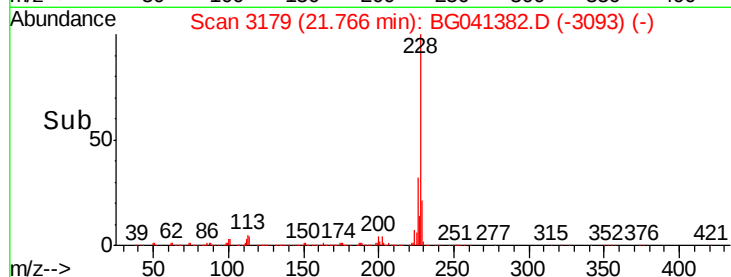
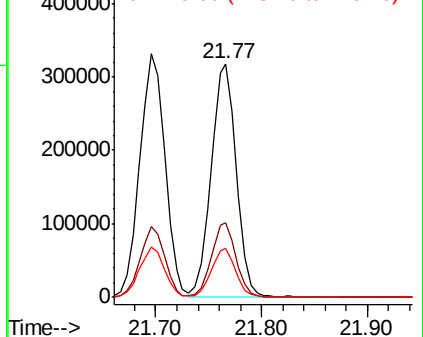


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.986 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

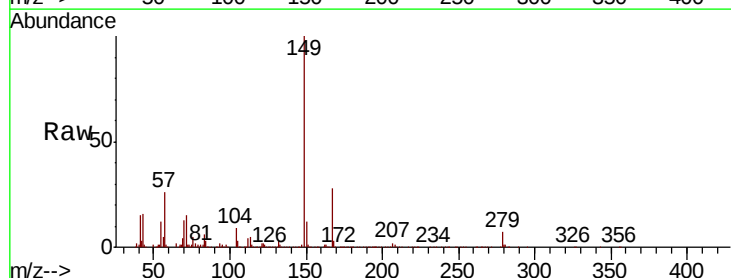
Tgt Ion:149 Resp: 286353

Ion Ratio Lower Upper

149 100

167 28.4 23.8 35.8

279 6.6 4.4 6.6

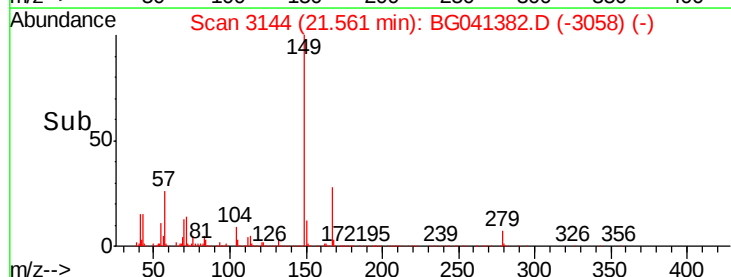
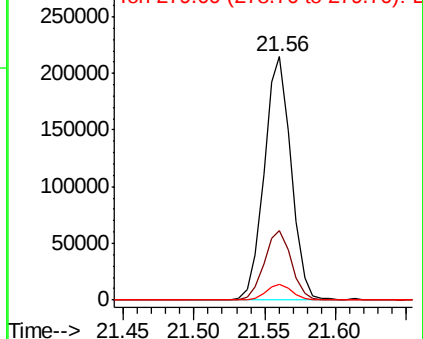


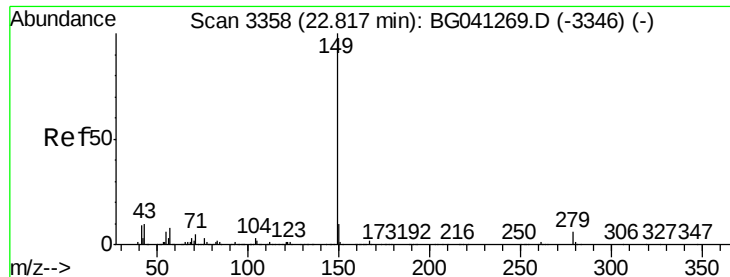
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.196 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

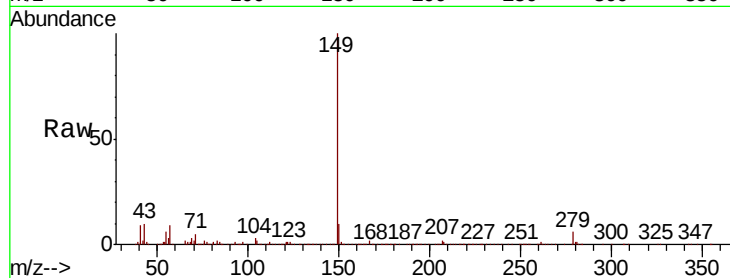
Tgt Ion:149 Resp: 474889

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

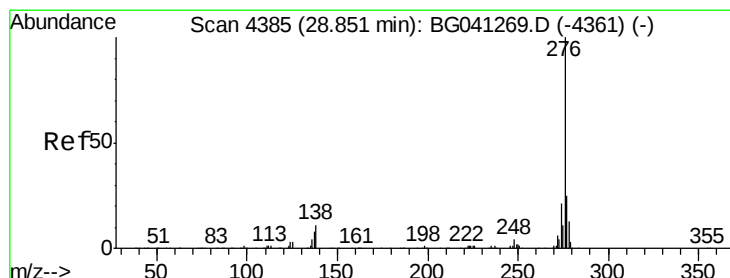
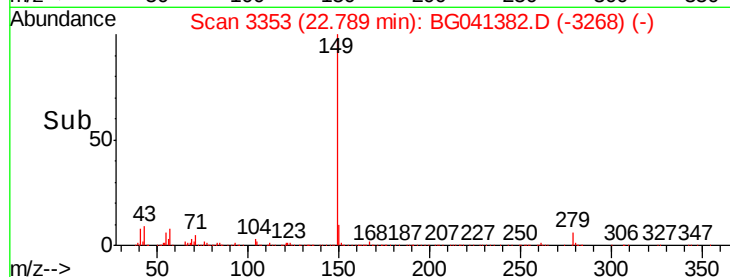
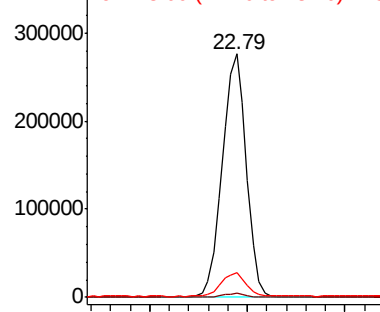
43 10.2 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.156 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.05 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

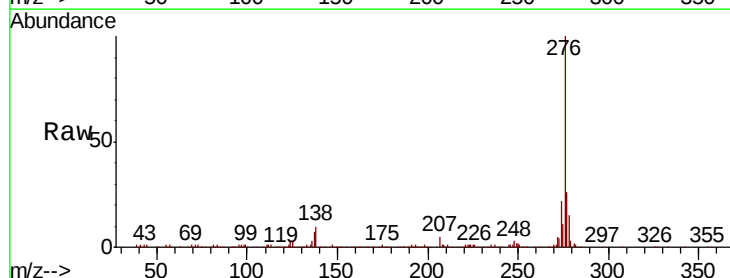
Tgt Ion:276 Resp: 607218

Ion Ratio Lower Upper

276 100

138 7.4 7.7 11.5#

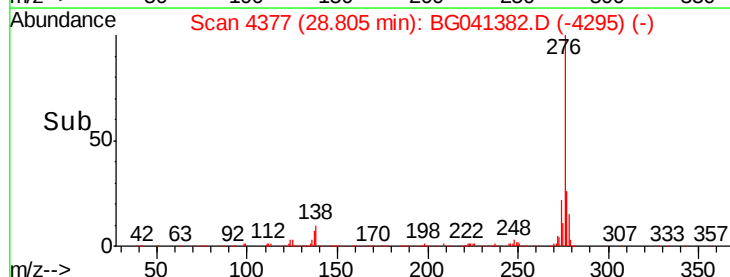
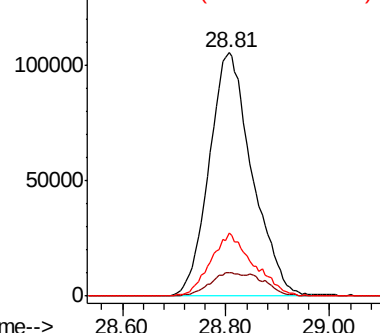
277 25.8 20.6 31.0

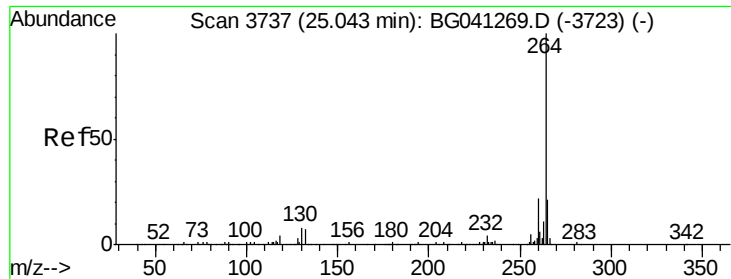


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

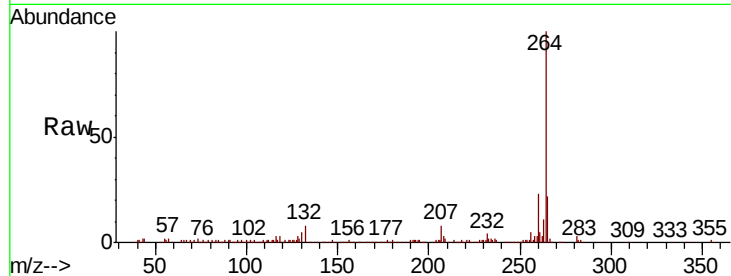
Tgt Ion:264 Resp: 217124

Ion Ratio Lower Upper

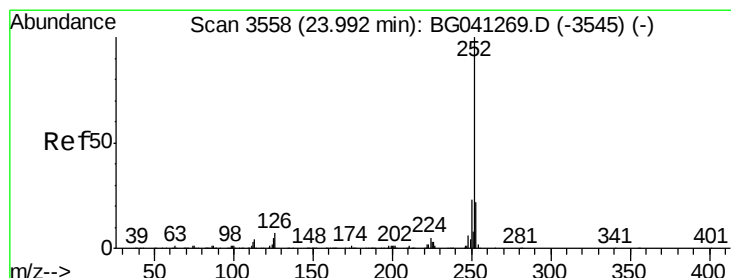
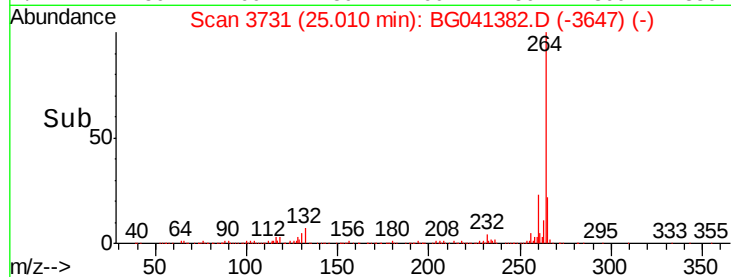
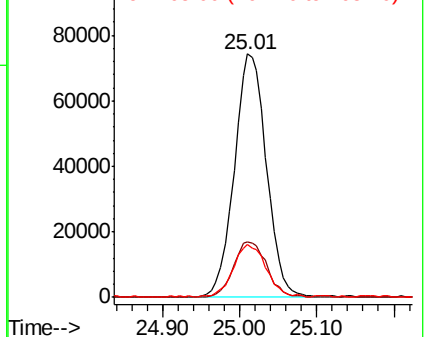
264 100

260 22.7 17.4 26.2

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.455 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.03 min

Lab File: BG041382.D

Acq: 21 Jun 2019 18:41

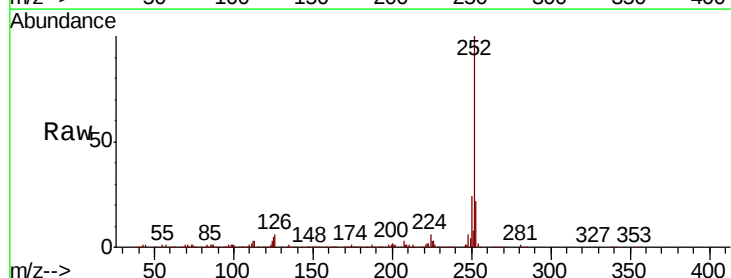
Tgt Ion:252 Resp: 517451

Ion Ratio Lower Upper

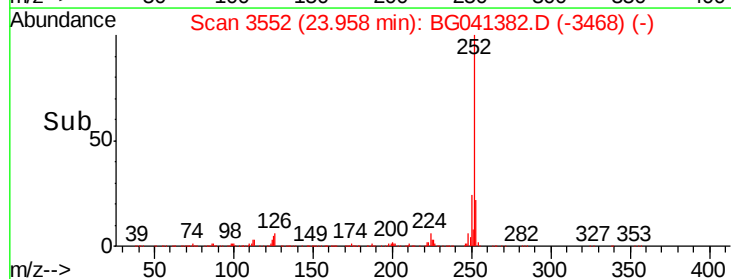
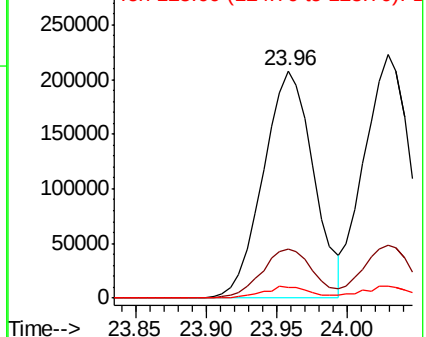
252 100

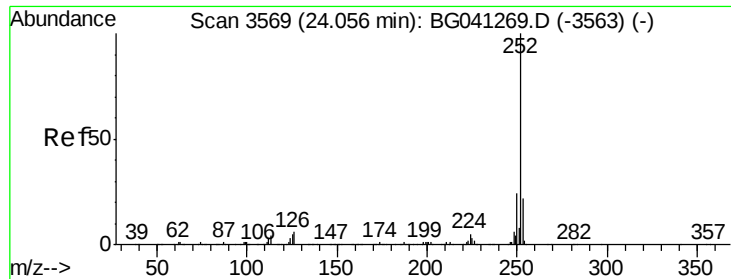
253 21.8 17.4 26.0

125 4.9 3.9 5.9



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

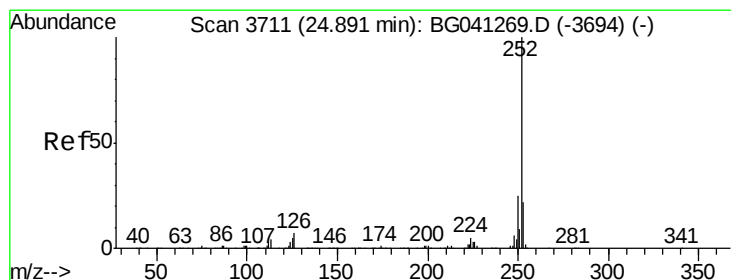
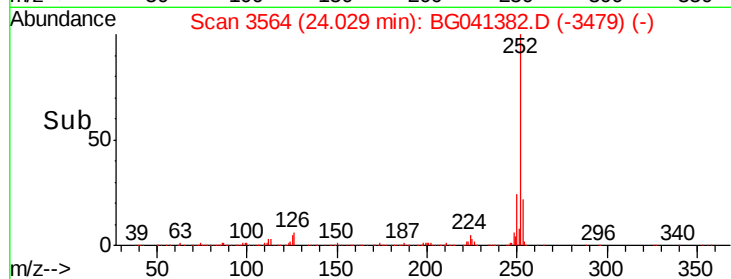
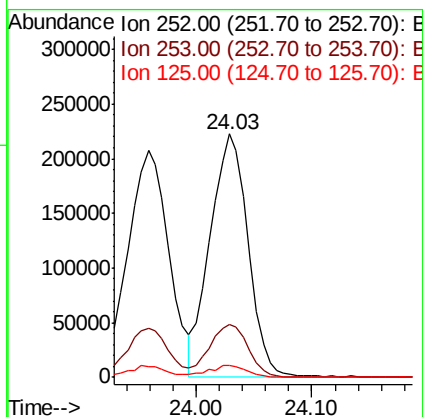
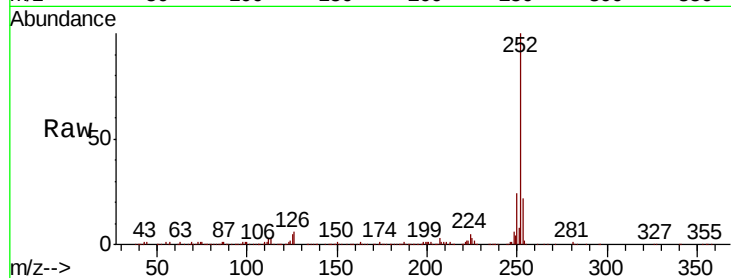




#89  
Benzo(k)fluoranthene  
Concen: 37.897 ng  
RT: 24.03 min Scan# 3564  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

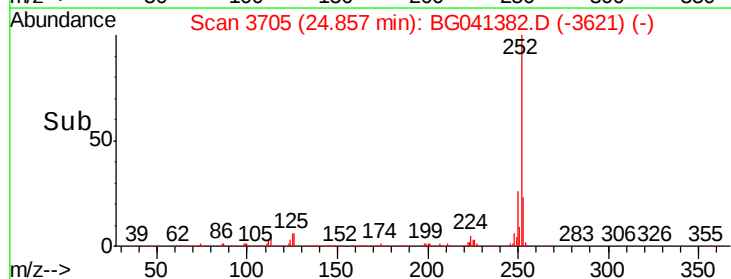
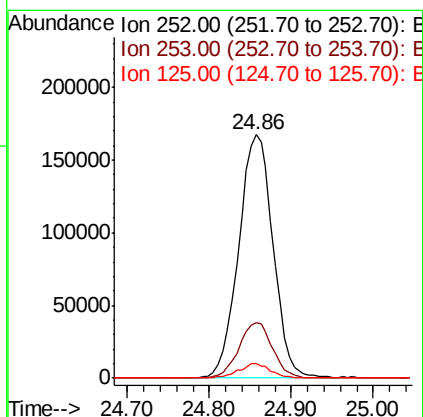
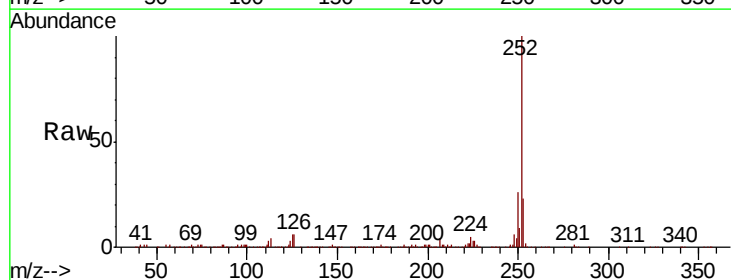
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

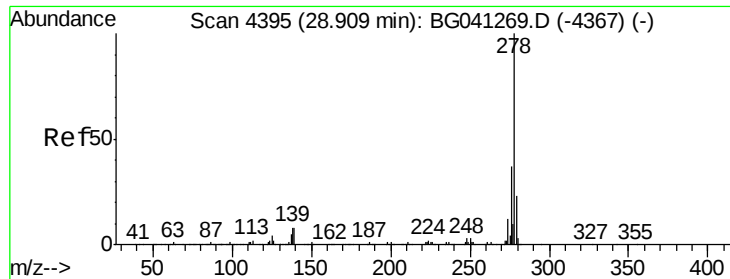
Tgt Ion:252 Resp: 505172  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 4.9 4.3 6.5



#90  
Benzo(a)pyrene  
Concen: 38.540 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. -0.03 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:252 Resp: 489769  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.8 26.6  
125 5.8 4.2 6.4

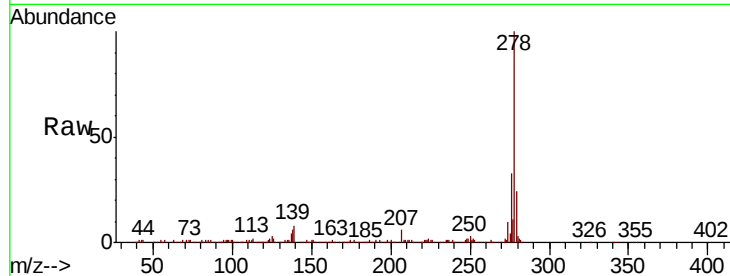




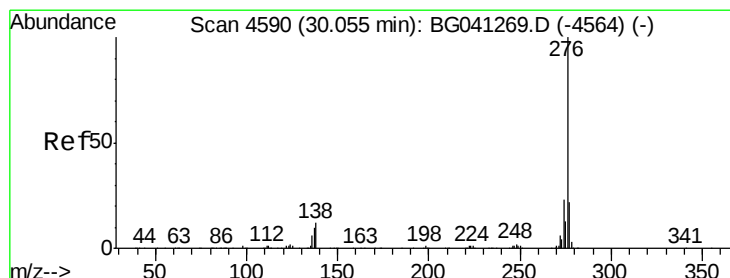
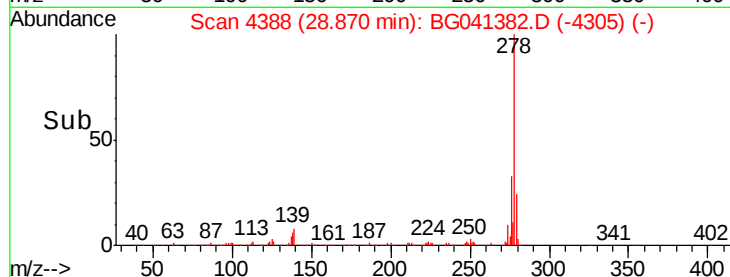
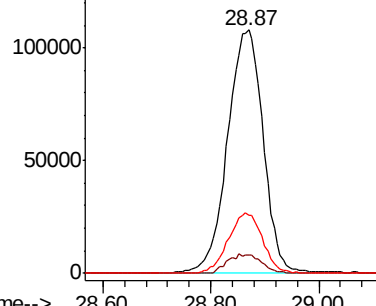
#91  
Dibenzo(a,h)anthracene  
Concen: 38.470 ng  
RT: 28.87 min Scan# 4388  
Delta R.T. -0.04 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 492184  
Ion Ratio Lower Upper  
278 100  
139 7.8 6.6 10.0  
279 23.9 18.5 27.7

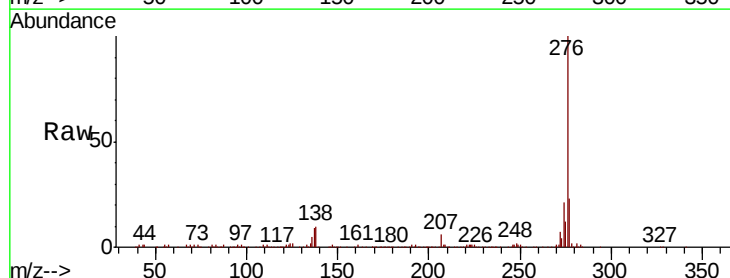


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 38.612 ng  
RT: 30.00 min Scan# 4581  
Delta R.T. -0.05 min  
Lab File: BG041382.D  
Acq: 21 Jun 2019 18:41

Tgt Ion:276 Resp: 488194  
Ion Ratio Lower Upper  
276 100  
277 22.8 17.9 26.9  
138 10.3 9.4 14.0



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

