

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\  
 Data File : BG042232.D  
 Acq On : 15 Aug 2019 17:00  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Quant Time: Aug 16 10:06:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 14 10:42:59 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 74173    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.86 | 136  | 304636   | 20.00 | ng/ul | 0.02     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 203327   | 20.00 | ng/ul | 0.01     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 417888   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 404238   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.00 | 264  | 477488   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 9909   | 5.84  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.20  | 99  | 109514 | 18.81 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67  | 52992  | 16.28 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.57  | 132 | 99523  | 20.00 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 94015  | 19.24 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.20  | 128 | 48504  | 21.15 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.93  | 143 | 58310  | 21.90 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 116795 | 21.73 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.99 | 131 | 125557 | 21.05 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.09 | 166 | 314615 | 19.95 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 14.39 | 160 | 384785 | 21.36 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 45288  | 17.10 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.69 | 176 | 278848 | 19.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 35634  | 13.29 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.54 | 188 | 419863 | 20.94 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.83 | 212 | 449320 | 19.92 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.78 | 264 | 505758 | 20.28 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 11549  | 6.576  | ng/uL# | 93  |
| 4) Benzaldehyde                | 7.17  | 77  | 55365  | 20.130 | ng/ul  | 95  |
| 6) Phenol                      | 7.23  | 94  | 111698 | 18.590 | ng/ul  | 92  |
| 8) Bis(2-Chloroethyl)ether     | 7.45  | 93  | 83240  | 18.210 | ng/ul  | 92  |
| 10) 2-Chlorophenol             | 7.60  | 128 | 98568  | 19.539 | ng/ul  | 94  |
| 11) 2-Methylphenol             | 8.49  | 108 | 88411  | 18.352 | ng/ul  | 94  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 109067 | 14.105 | ng/ul# | 92  |
| 14) Acetophenone               | 8.87  | 105 | 138092 | 18.372 | ng/ul  | 92  |
| 15) N-Nitroso-di-n-propylamine | 8.85  | 70  | 63849  | 16.080 | ng/ul  | 95  |
| 16) 4-Methylphenol             | 8.82  | 108 | 95295  | 18.311 | ng/ul  | 90  |
| 17) Hexachloroethane           | 9.13  | 117 | 38452  | 18.407 | ng/ul  | 92  |
| 20) Nitrobenzene               | 9.25  | 77  | 93932  | 17.984 | ng/ul  | 94  |
| 21) Isophorone                 | 9.78  | 82  | 180673 | 17.350 | ng/ul  | 95  |
| 23) 2-Nitrophenol              | 9.96  | 139 | 61218  | 21.521 | ng/ul  | 88  |
| 24) 2,4-Dimethylphenol         | 10.03 | 107 | 108306 | 19.297 | ng/ul  | 98  |
| 25) Bis(2-Chloroethoxy)methane | 10.26 | 93  | 112946 | 18.268 | ng/ul  | 96  |
| 27) 2,4-Dichlorophenol         | 10.51 | 162 | 111275 | 20.877 | ng/ul  | 97  |
| 28) Naphthalene                | 10.91 | 128 | 311697 | 20.014 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 11.02 | 127 | 124411 | 20.756 | ng/ul  | 97  |
| 31) Hexachlorobutadiene        | 11.20 | 225 | 85718  | 21.182 | ng/ul  | 98  |
| 32) Caprolactam                | 11.77 | 113 | 32597  | 18.902 | ng/ul# | 75  |
| 33) 4-Chloro-3-methylphenol    | 12.15 | 107 | 97724  | 18.608 | ng/ul  | 97  |
| 34) 2-Methylnaphthalene        | 12.52 | 142 | 245566 | 19.838 | ng/ul  | 99  |

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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02060

Quant Time: Aug 16 10:06:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 14 10:42:59 2019  
 Response via : Initial Calibration

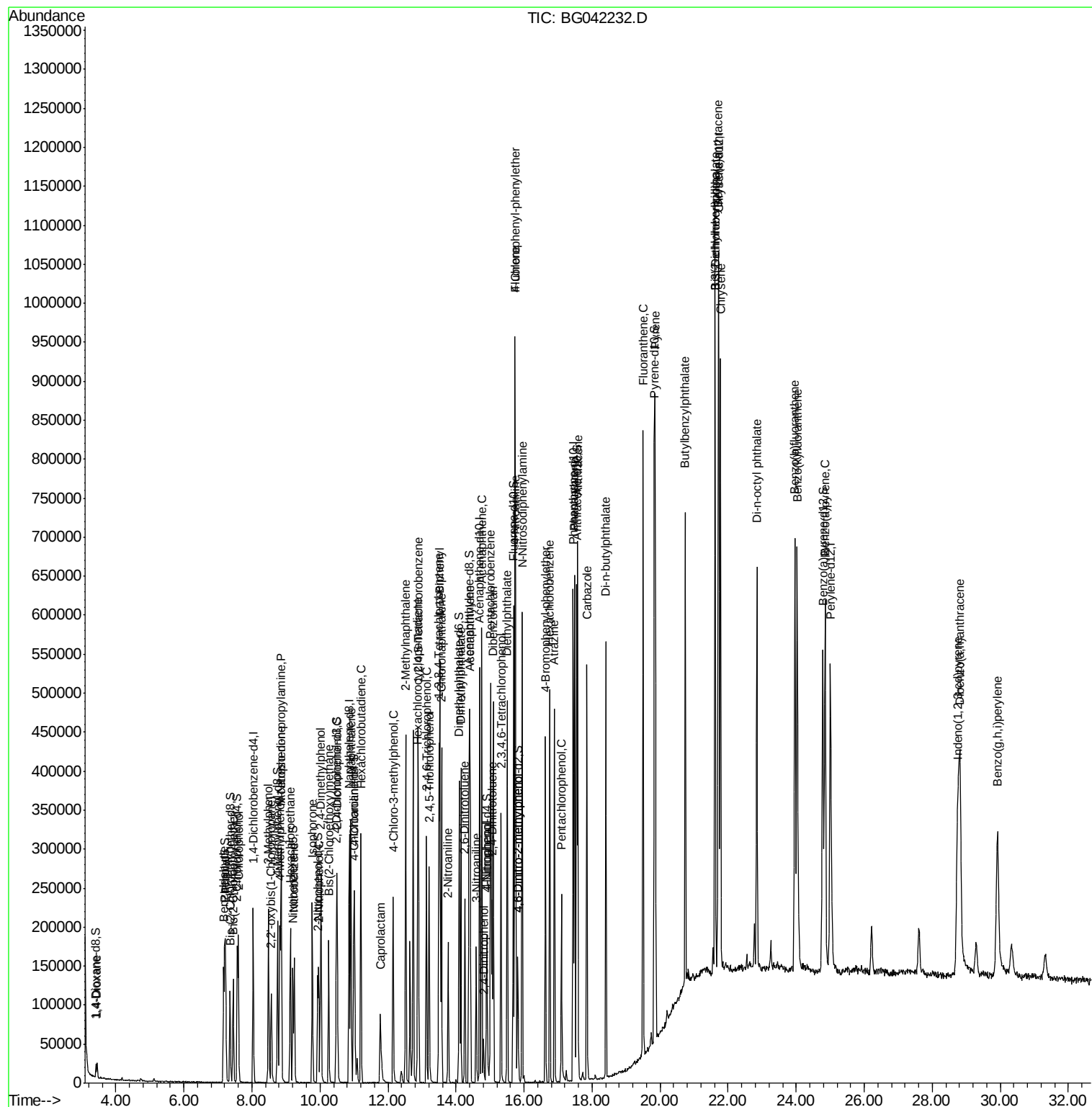
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 159974   | 22.005 | ng/ul# | 98       |
| 37) Hexachlorocyclopentadiene  | 12.87 | 237  | 74878    | 16.314 | ng/ul  | 94       |
| 38) 2,4,6-Trichlorophenol      | 13.13 | 196  | 99342    | 22.081 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.21 | 196  | 100039   | 19.935 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.52 | 154  | 308500   | 20.866 | ng/ul  | 96       |
| 41) 2-Chloronaphthalene        | 13.57 | 162  | 255272   | 21.443 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.77 | 65   | 52775    | 16.946 | ng/ul  | 86       |
| 44) Dimethylphthalate          | 14.14 | 163  | 307017   | 19.608 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.26 | 165  | 69301    | 20.348 | ng/ul  | 93       |
| 47) Acenaphthylene             | 14.42 | 152  | 364276   | 20.036 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.59 | 138  | 62079    | 22.856 | ng/ul  | 96       |
| 49) Acenaphthene               | 14.76 | 153  | 259339   | 20.400 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.81 | 184  | 22035    | 11.824 | ng/ul  | 88       |
| 52) 4-Nitrophenol              | 14.91 | 109  | 30488    | 15.538 | ng/ul  | 88       |
| 53) Dibenzofuran               | 15.09 | 168  | 376547   | 19.846 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 15.05 | 165  | 94529    | 19.090 | ng/ul# | 84       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 90875    | 19.108 | ng/ul# | 97       |
| 56) Diethylphthalate           | 15.50 | 149  | 289801   | 18.606 | ng/ul  | 98       |
| 58) Fluorene                   | 15.75 | 166  | 298363   | 19.524 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.73 | 204  | 176945   | 19.940 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.76 | 138  | 64458    | 21.302 | ng/ul  | 97       |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 37044    | 12.825 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.94 | 169  | 271716   | 21.916 | ng/ul  | 97       |
| 65) 4-Bromophenyl-phenylether  | 16.63 | 248  | 119329   | 21.569 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.76 | 284  | 124058   | 22.327 | ng/ul  | 93       |
| 67) Atrazine                   | 16.89 | 200  | 113325   | 21.810 | ng/ul  | 97       |
| 68) Pentachlorophenol          | 17.10 | 266  | 63769    | 21.071 | ng/ul  | 98       |
| 69) Phenanthrene               | 17.49 | 178  | 469424   | 20.519 | ng/ul  | 99       |
| 71) Anthracene                 | 17.58 | 178  | 480501   | 20.708 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.49 | 216  | 160955   | 24.170 | ng/uL  | 99       |
| 73) Pentachlorobenzene         | 15.02 | 250  | 161589   | 23.999 | ng/uL  | 99       |
| 74) Carbazole                  | 17.85 | 167  | 406113   | 21.129 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.41 | 149  | 459492   | 19.397 | ng/ul  | 99       |
| 76) Fluoranthene               | 19.50 | 202  | 552807   | 20.913 | ng/ul  | 97       |
| 79) Pvrene                     | 19.86 | 202  | 547671   | 20.141 | ng/ul  | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 204185   | 19.078 | ng/ul  | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 185200   | 20.157 | ng/ul  | 96       |
| 82) Benzo(a)anthracene         | 21.71 | 228  | 569228   | 20.309 | ng/ul  | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 290991   | 19.927 | ng/ul  | 99       |
| 84) Chrysene                   | 21.77 | 228  | 530826   | 20.292 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.84 | 149  | 505067   | 21.379 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 23.96 | 252  | 584557   | 19.508 | ng/ul  | 100      |
| 88) Benzo(k)fluoranthene       | 24.03 | 252  | 587226   | 20.382 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 24.85 | 252  | 577519   | 20.225 | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 28.74 | 276  | 599803   | 18.009 | ng/ul# | 97       |
| 92) Dibenzo(a,h)anthracene     | 28.81 | 278  | 501159   | 18.448 | ng/ul  | 98       |
| 93) Benzo(g,h,i)perylene       | 29.92 | 276  | 440068   | 15.826 | ng/ul  | 97       |

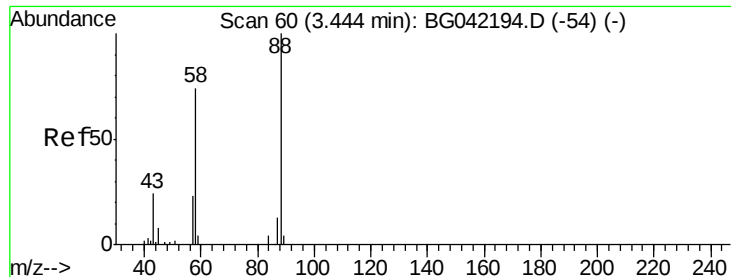
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\  
Data File : BG042232.D  
Acq On : 15 Aug 2019 17:00  
Operator : HP/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
Client Sample ID :  
SSTD02060

Quant Time: Aug 16 10:06:02 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 14 10:42:59 2019  
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#2

1,4-Dioxane

Concen: 6.576 ng/uL

RT: 3.45 min Scan# 61

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

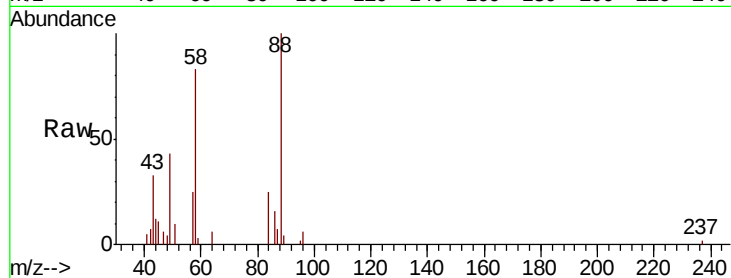
Tot Ion: 88 Resp: 11549

Ion Ratio Lower Upper

88 100

43 33.4 36.3 54.5#

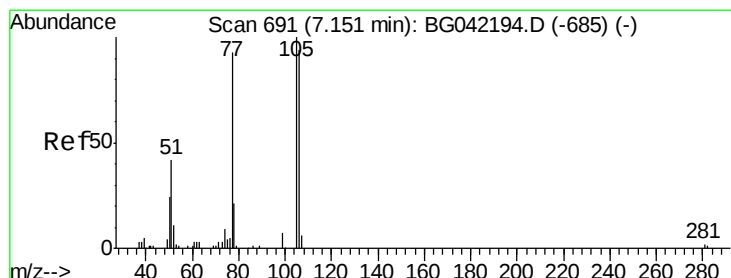
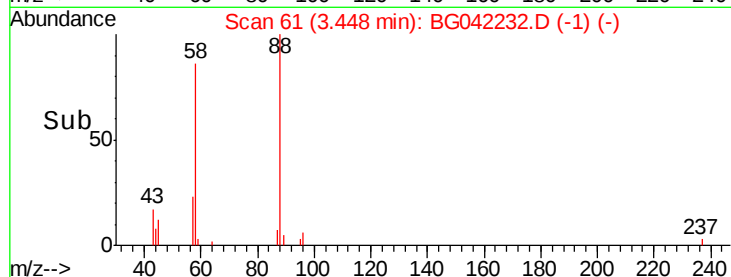
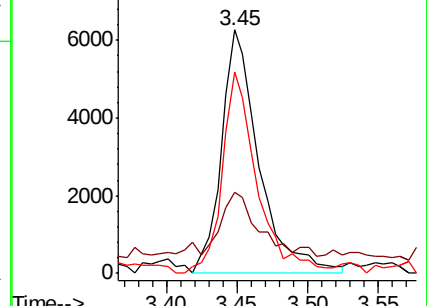
58 82.8 66.0 99.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 20.130 ng/uL

RT: 7.17 min Scan# 694

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

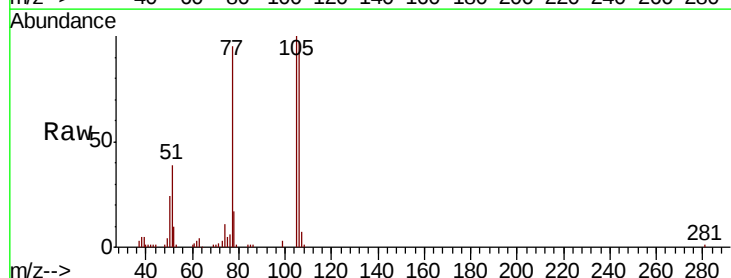
Tgt Ion: 77 Resp: 55365

Ion Ratio Lower Upper

77 100

105 105.0 80.7 121.1

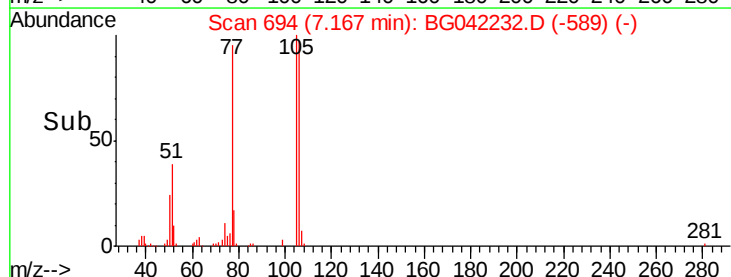
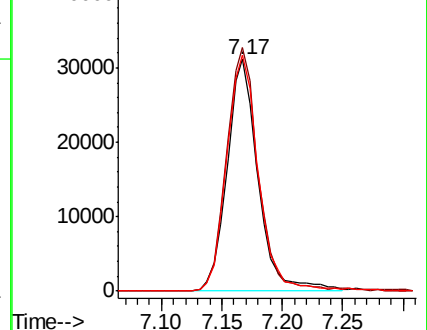
106 101.6 76.3 114.5

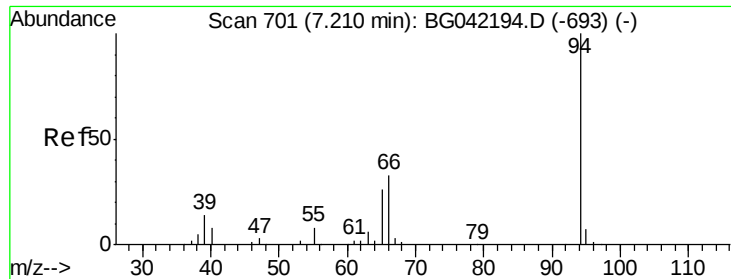


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 18.590 ng/ul

RT: 7.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

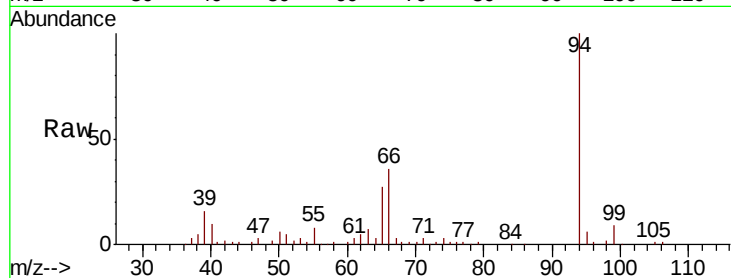
Tot Ion: 94 Resp: 111698

Ion Ratio Lower Upper

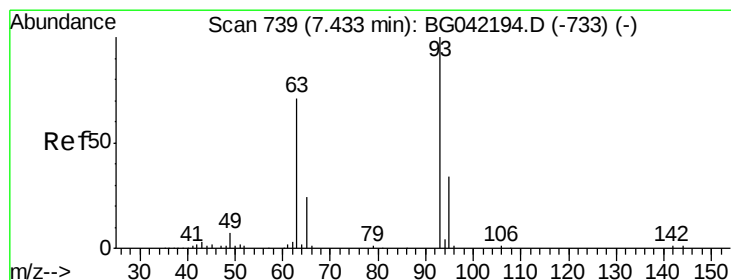
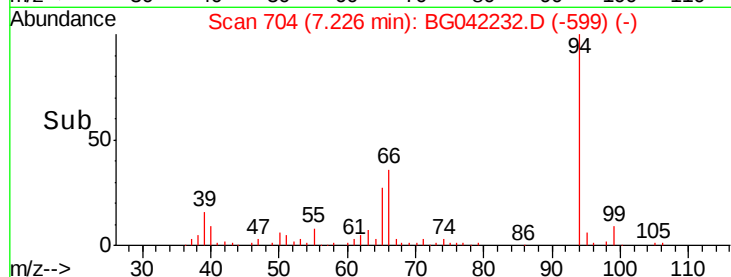
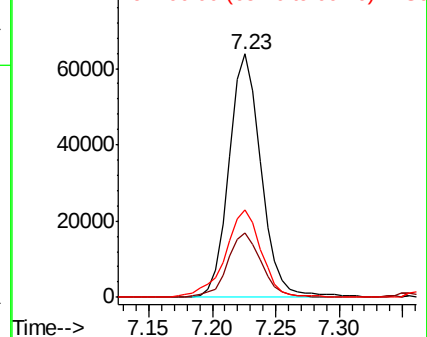
94 100

65 26.5 25.8 38.6

66 36.2 31.8 47.8



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



#8

Bis(2-Chloroethyl)ether

Concen: 18.210 ng/ul

RT: 7.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

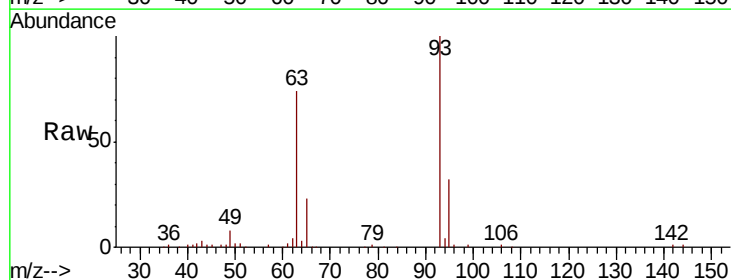
Tgt Ion: 93 Resp: 83240

Ion Ratio Lower Upper

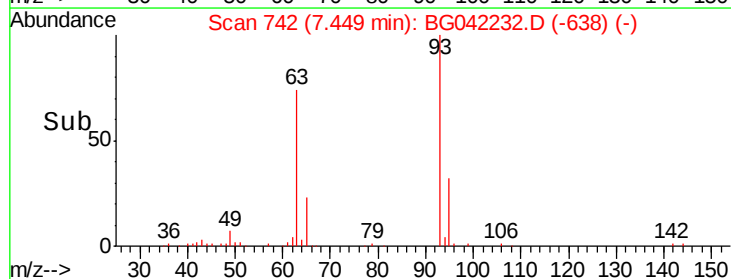
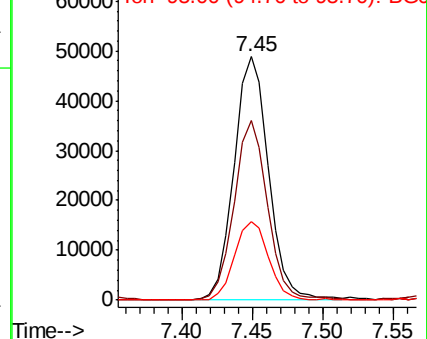
93 100

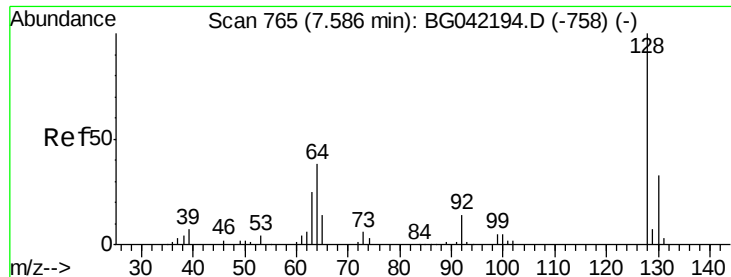
63 73.6 67.4 101.0

95 32.5 25.9 38.9



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

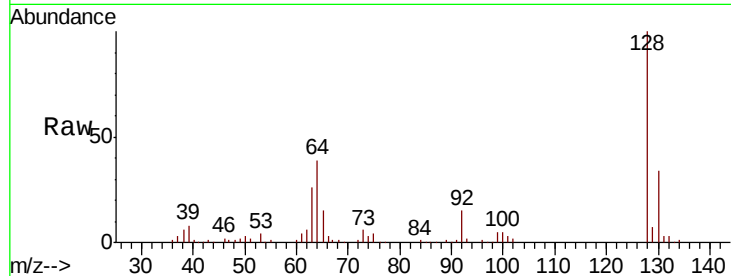




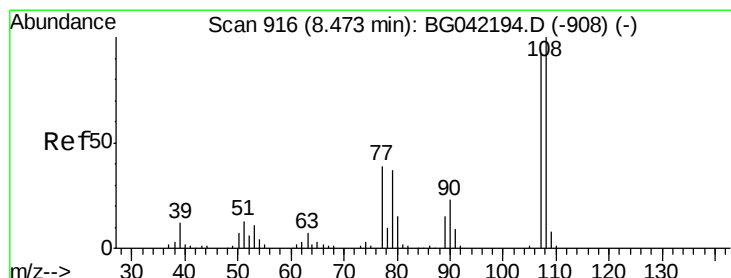
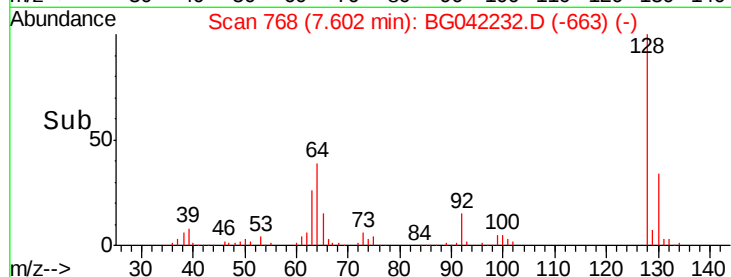
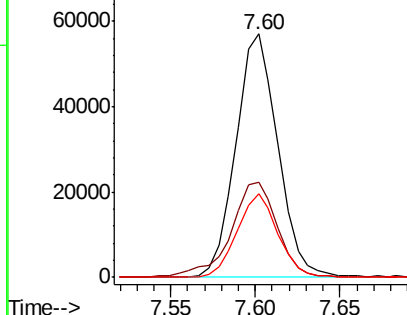
#10  
2-Chlorophenol  
Concen: 19.539 ng/ul  
RT: 7.60 min Scan# 768  
Delta R.T. 0.02 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

Tot Ion:128 Resp: 98568  
Ion Ratio Lower Upper  
128 100  
64 38.9 35.5 53.3  
130 34.5 26.2 39.4

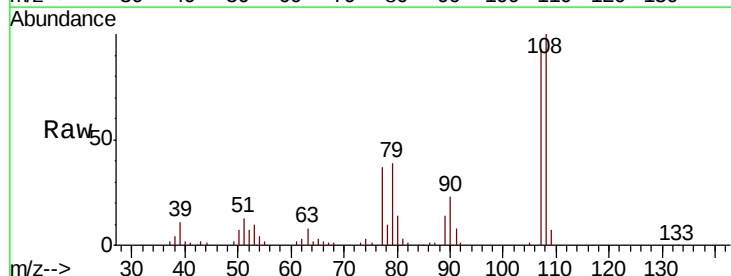


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

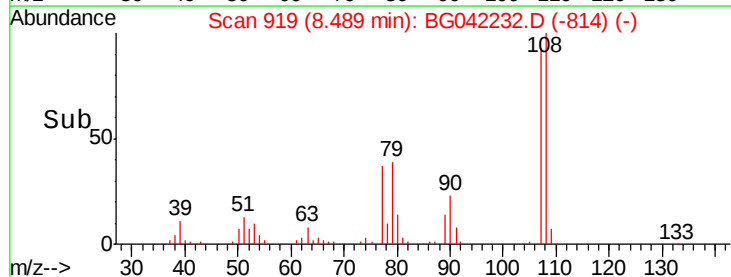
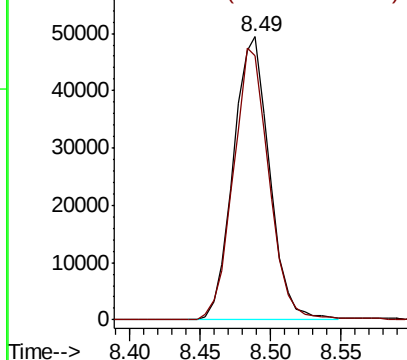


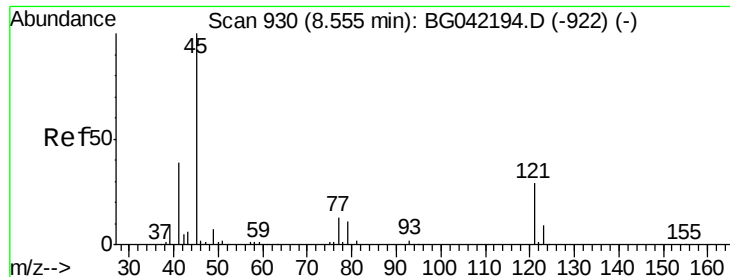
#11  
2-Methylphenol  
Concen: 18.352 ng/ul  
RT: 8.49 min Scan# 919  
Delta R.T. 0.02 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Tgt Ion:108 Resp: 88411  
Ion Ratio Lower Upper  
108 100  
107 93.1 69.9 104.9



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 14.105 ng/ul

RT: 8.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

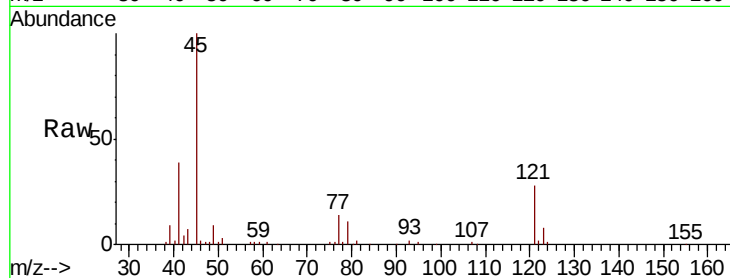
Tot Ion: 45 Resp: 109067

Ion Ratio Lower Upper

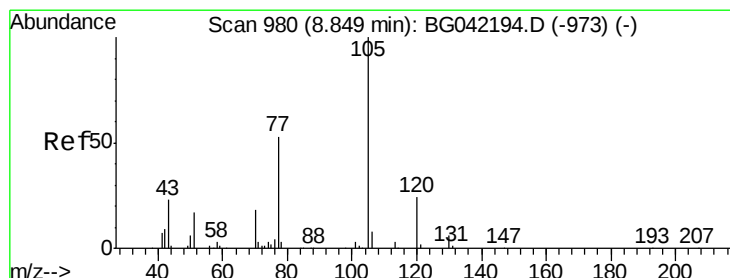
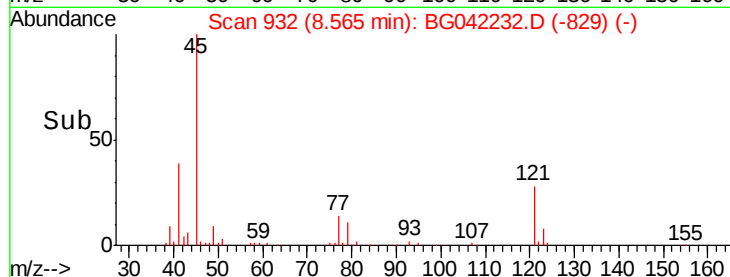
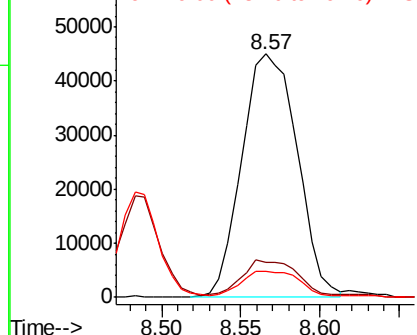
45 100

77 14.5 8.6 12.8#

79 10.8 7.2 10.8#



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



#14

Acetophenone

Concen: 18.372 ng/ul

RT: 8.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

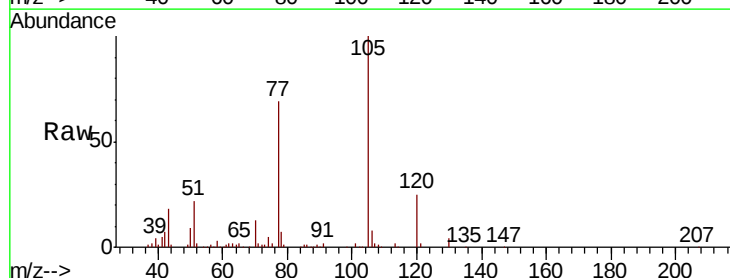
Tgt Ion:105 Resp: 138092

Ion Ratio Lower Upper

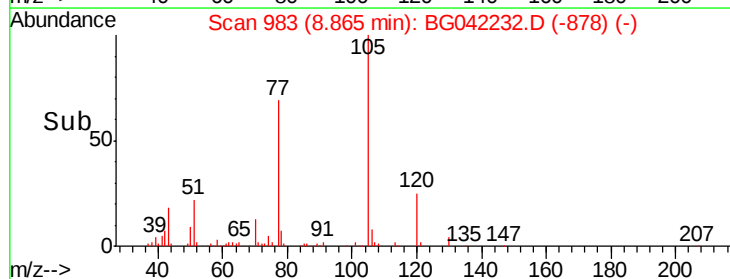
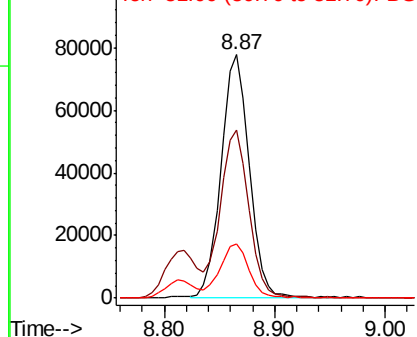
105 100

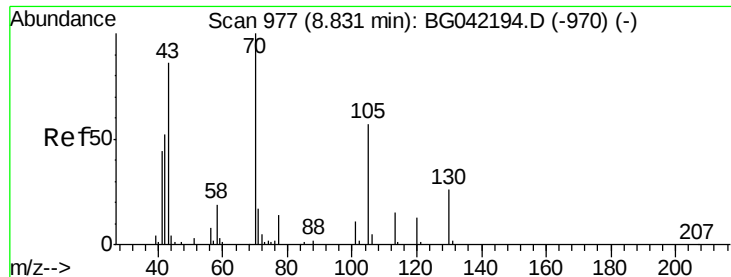
77 68.8 60.0 90.0

51 22.4 22.1 33.1



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





#15

N-Nitroso-di-n-propylamine

Concen: 16.080 ng/ul

RT: 8.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

Tot Ion: 70 Resp: 63849

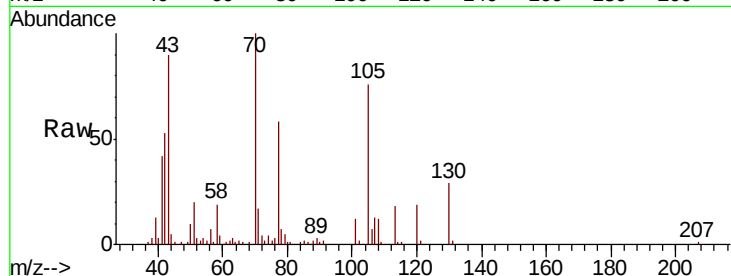
Ion Ratio Lower Upper

70 100

42 53.2 46.4 69.6

101 12.1 9.7 14.5

130 29.0 21.1 31.7



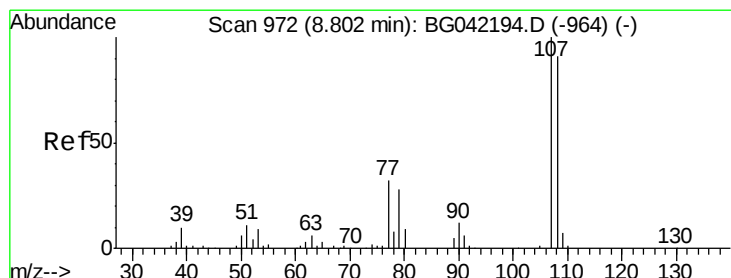
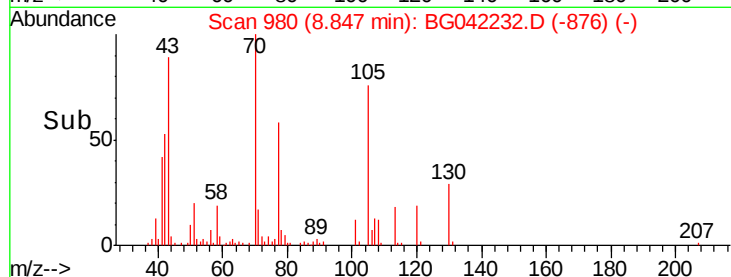
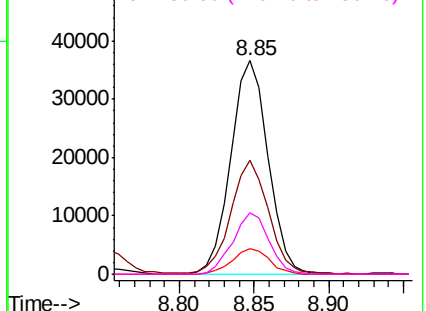
Abundance

Ion 70.00 (69.70 to 70.70): BG042194.D (-970) (-)

Ion 42.00 (41.70 to 42.70): BG042194.D (-970) (-)

Ion 101.00 (100.70 to 101.70): BG042194.D (-970) (-)

Ion 130.00 (129.70 to 130.70): BG042194.D (-970) (-)



#16

4-Methylphenol

Concen: 18.311 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. 0.02 min

Lab File: BG042232.D

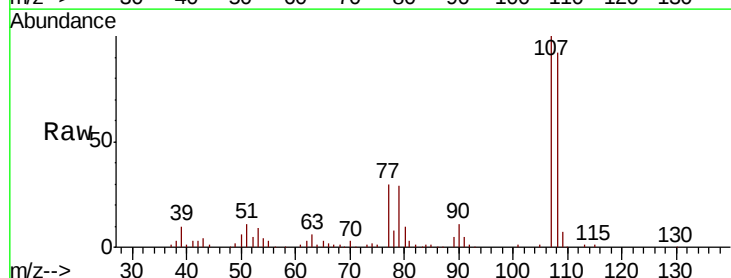
Acq: 15 Aug 2019 17:00

Tgt Ion: 108 Resp: 95295

Ion Ratio Lower Upper

108 100

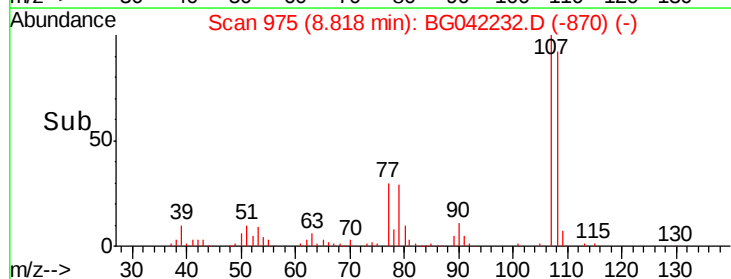
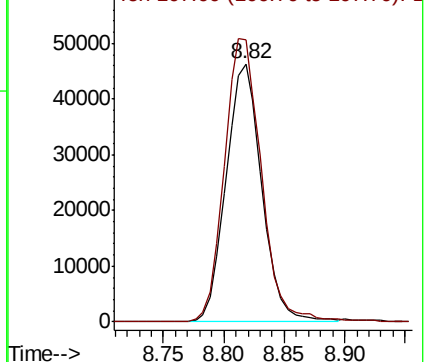
107 109.2 96.2 144.2

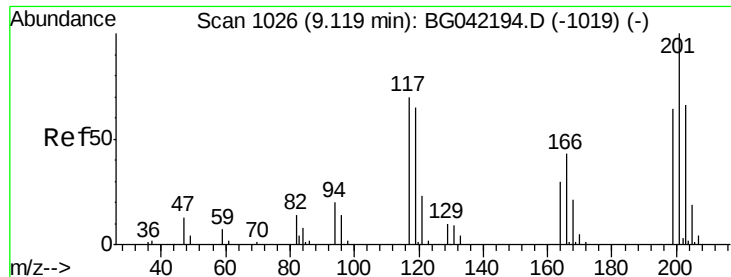


Abundance

Ion 108.00 (107.70 to 108.70): BG042194.D (-964) (-)

Ion 107.00 (106.70 to 107.70): BG042194.D (-964) (-)

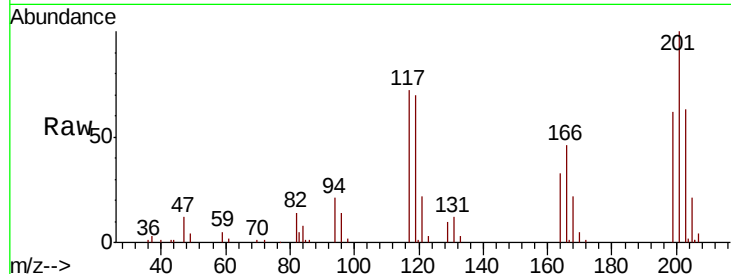




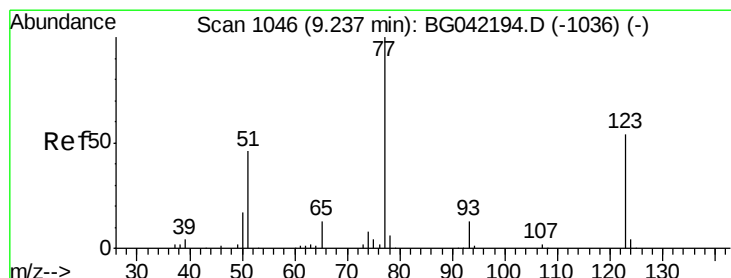
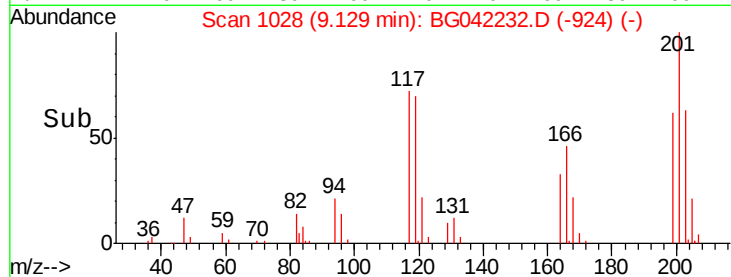
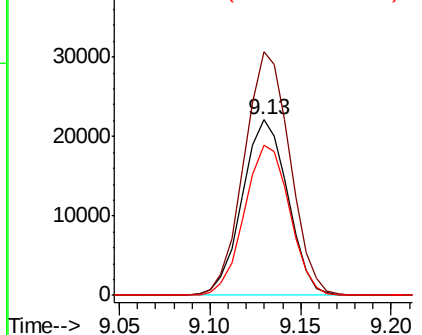
#17  
 Hexachloroethane  
 Concen: 18.407 ng/ul  
 RT: 9.13 min Scan# 1028  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Tot Ion:117 Resp: 38452  
 Ion Ratio Lower Upper  
 117 100  
 201 139.0 103.4 155.2  
 199 85.8 62.9 94.3

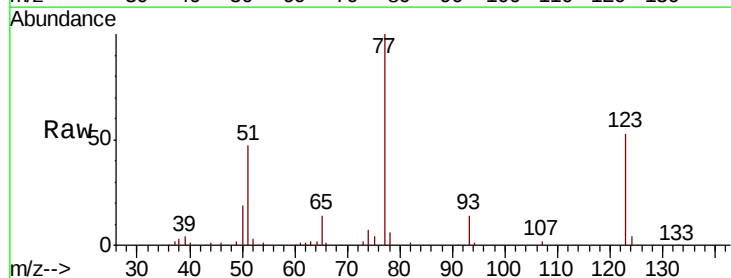


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

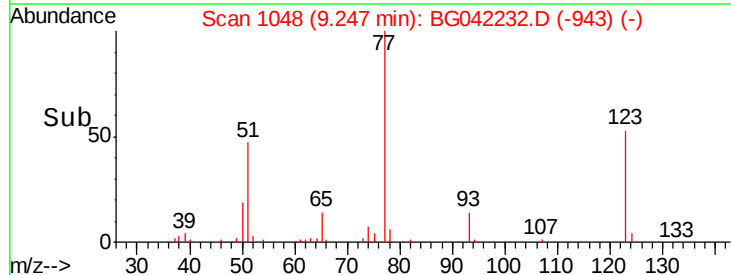
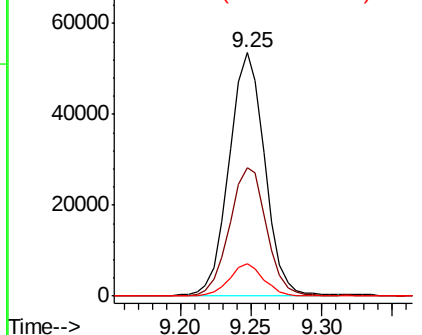


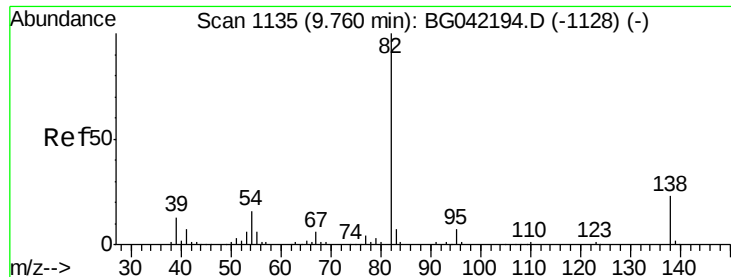
#20  
 Nitrobenzene  
 Concen: 17.984 ng/ul  
 RT: 9.25 min Scan# 1048  
 Delta R.T. 0.02 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion: 77 Resp: 93932  
 Ion Ratio Lower Upper  
 77 100  
 123 53.0 38.3 57.5  
 65 13.5 11.6 17.4



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





#21

Isophorone

Concen: 17.350 ng/ul

RT: 9.78 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampled :

SSTD02060

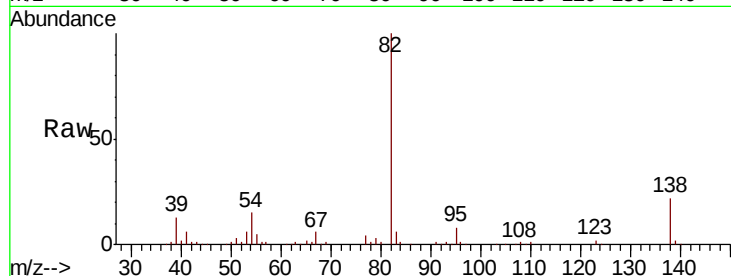
Tot Ion: 82 Resp: 180673

Ion Ratio Lower Upper

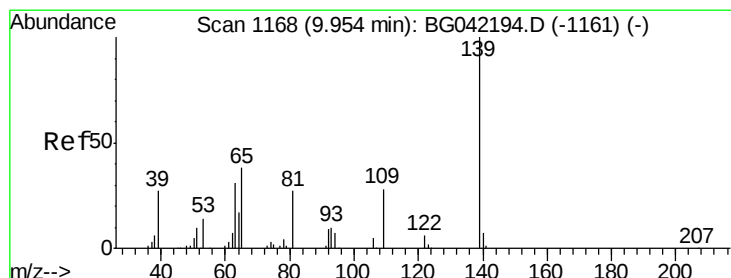
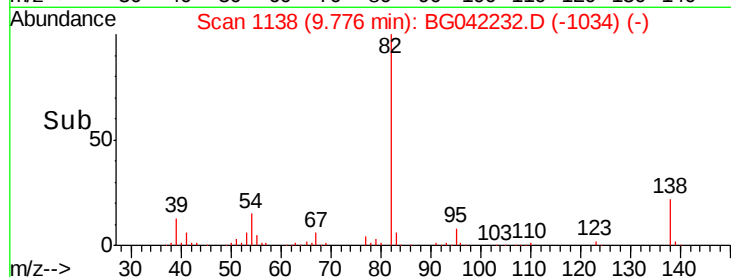
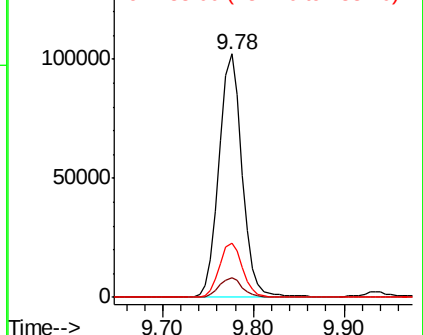
82 100

95 8.3 5.6 8.4

138 22.1 15.8 23.8



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



#23

2-Nitrophenol

Concen: 21.521 ng/ul

RT: 9.96 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

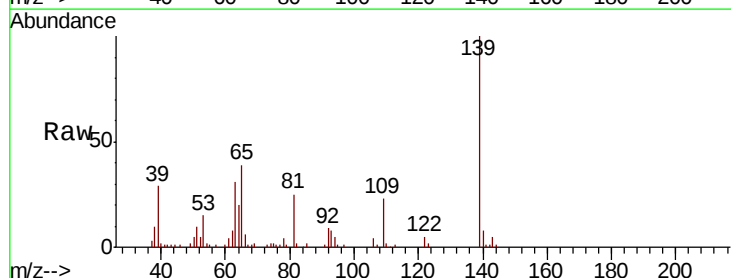
Tgt Ion: 139 Resp: 61218

Ion Ratio Lower Upper

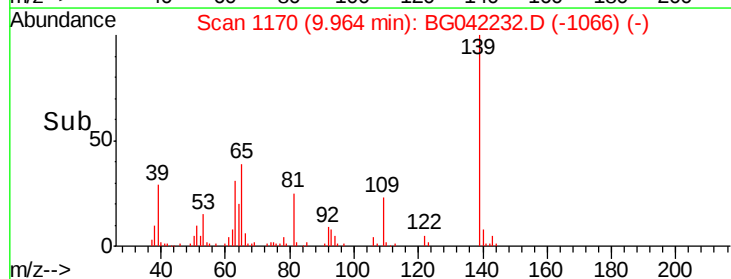
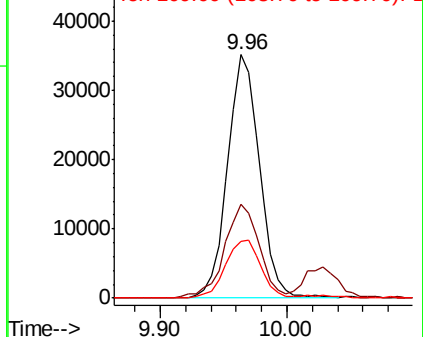
139 100

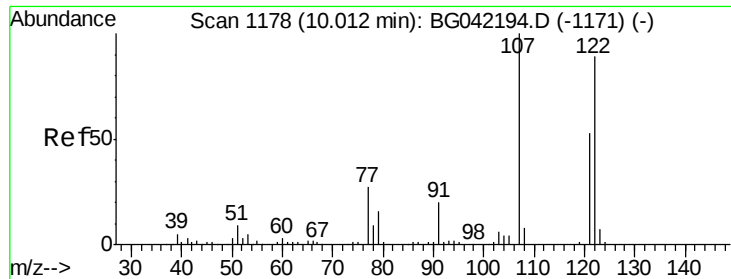
65 38.6 38.6 57.8

109 23.4 21.9 32.9



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

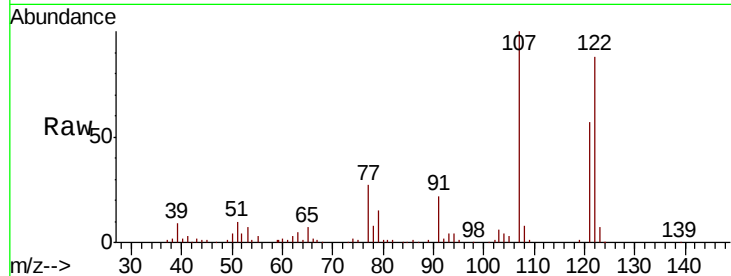




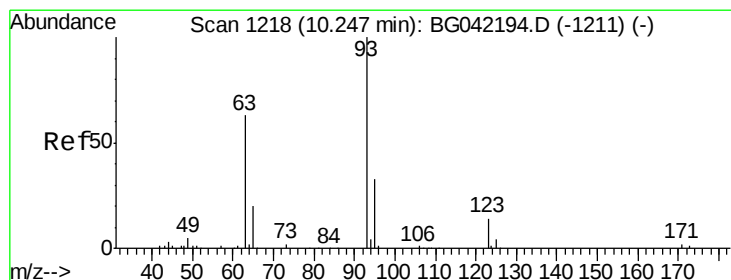
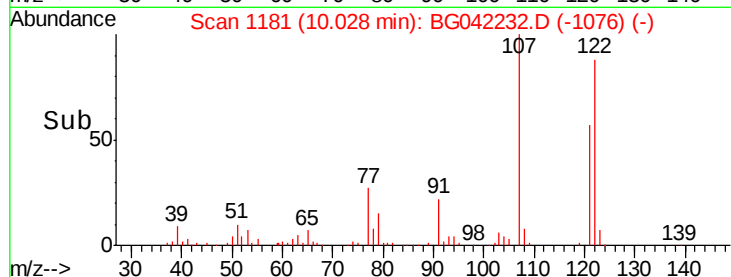
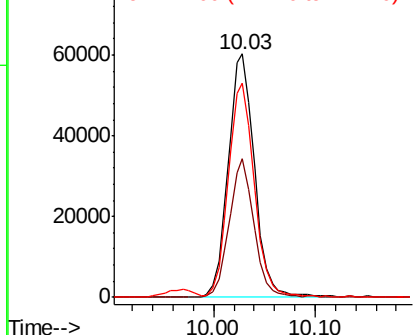
#24  
 2,4-Dimethylphenol  
 Concen: 19.297 ng/ul  
 RT: 10.03 min Scan# 1181  
 Delta R.T. 0.02 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Tot Ion:107 Resp: 108306  
 Ion Ratio Lower Upper  
 107 100  
 121 56.8 45.0 67.6  
 122 88.1 68.1 102.1

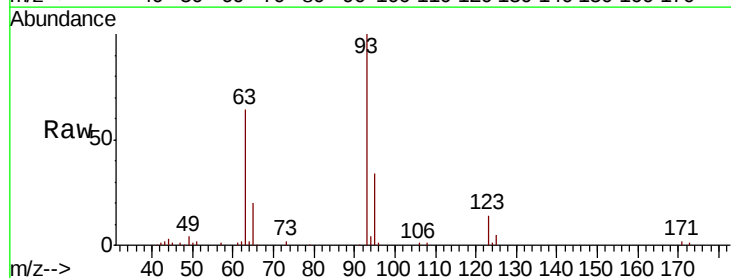


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

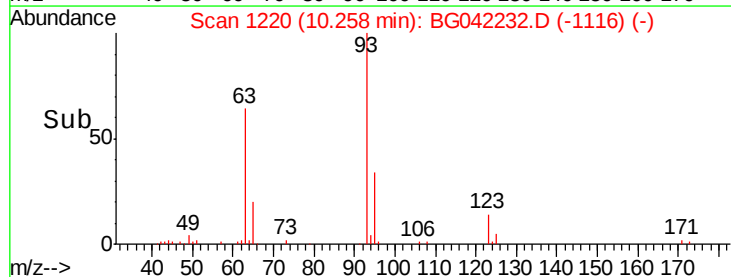
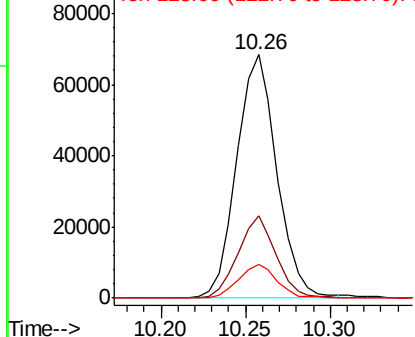


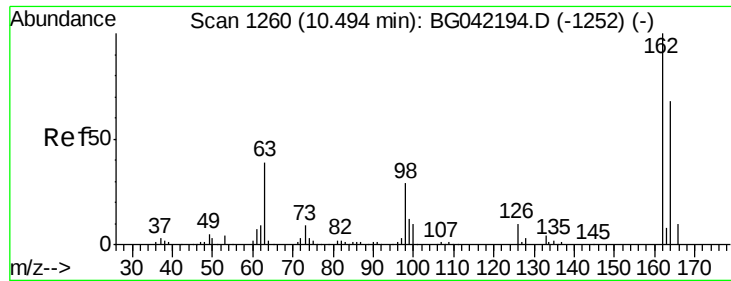
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.268 ng/ul  
 RT: 10.26 min Scan# 1220  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion: 93 Resp: 112946  
 Ion Ratio Lower Upper  
 93 100  
 95 33.6 25.4 38.0  
 123 13.7 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

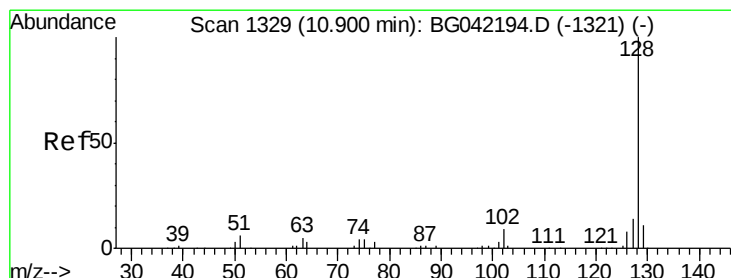
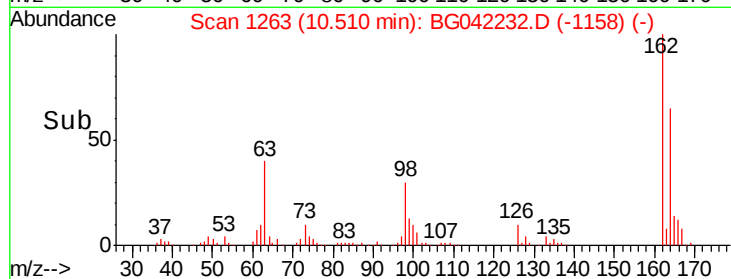
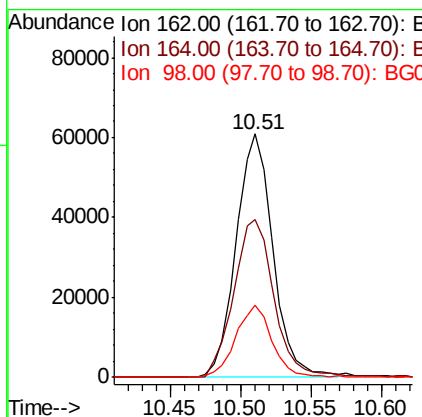
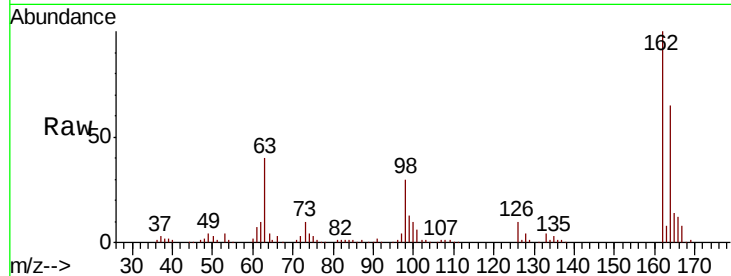




#27  
 2,4-Dichlorophenol  
 Concen: 20.877 ng/ul  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.02 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

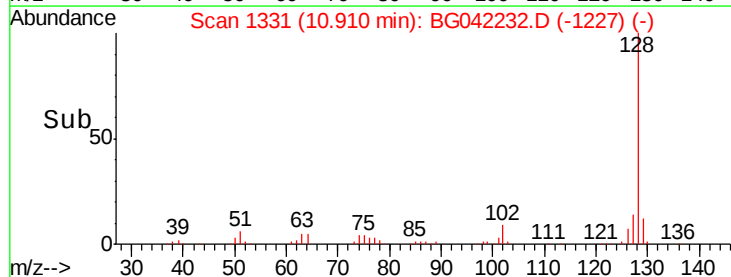
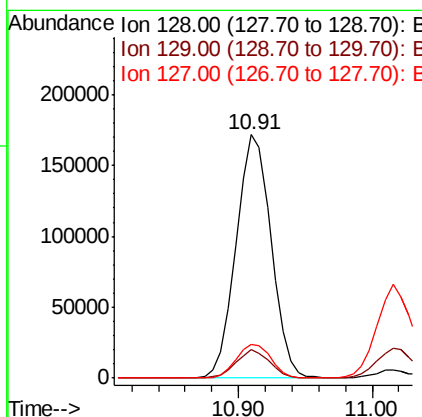
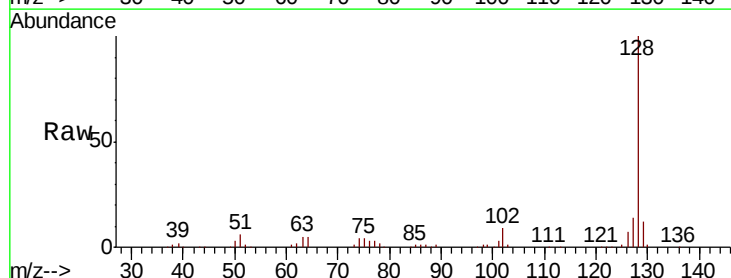
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

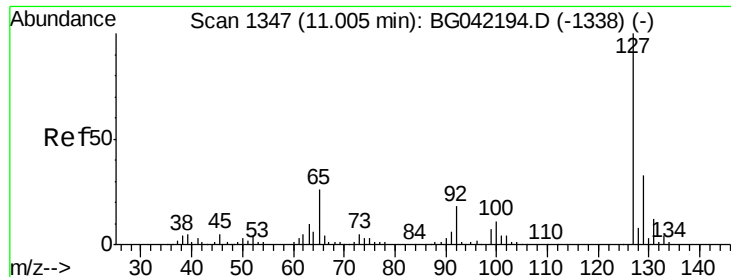
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 54.6  | 82.0  |
| 98      | 29.7  | 24.6  | 36.8  |



#28  
 Naphthalene  
 Concen: 20.014 ng/ul  
 RT: 10.91 min Scan# 1331  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.5   | 14.3  |
| 127     | 13.9  | 11.4  | 17.0  |

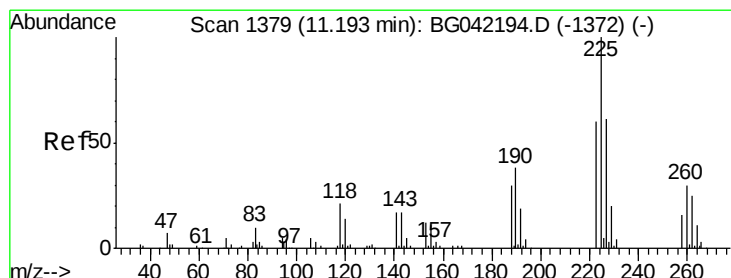
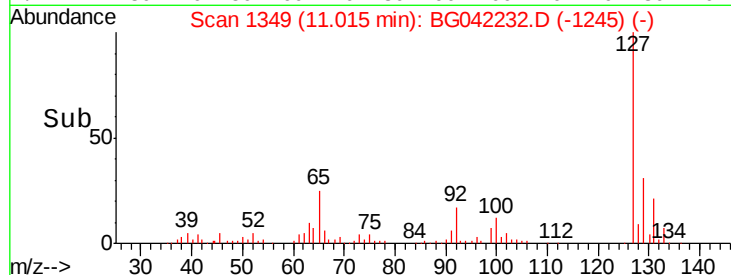
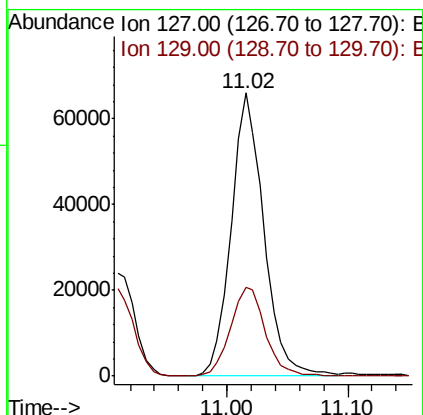
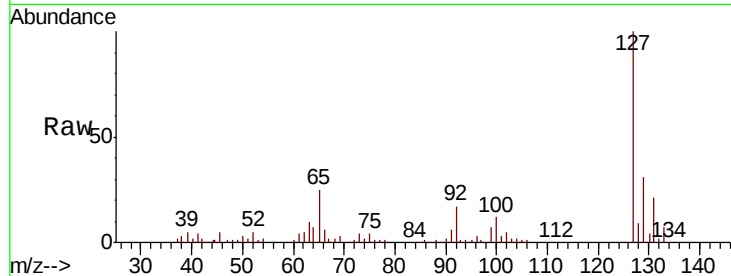




#30  
4-Chloroaniline  
Concen: 20.756 ng/ul  
RT: 11.02 min Scan# 1349  
Delta R.T. 0.01 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

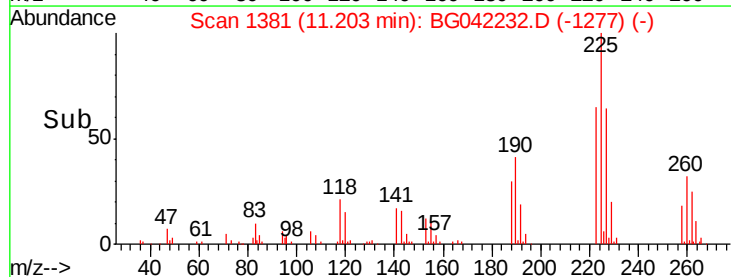
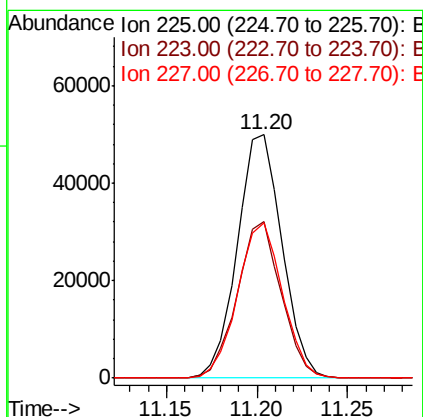
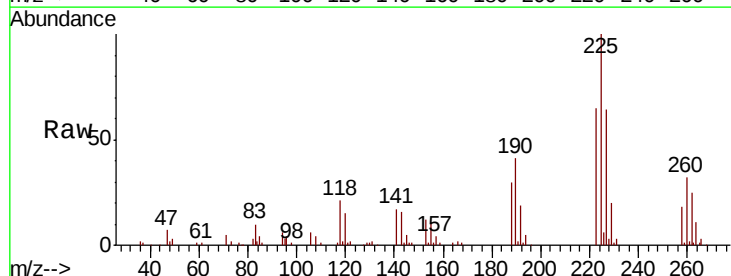
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

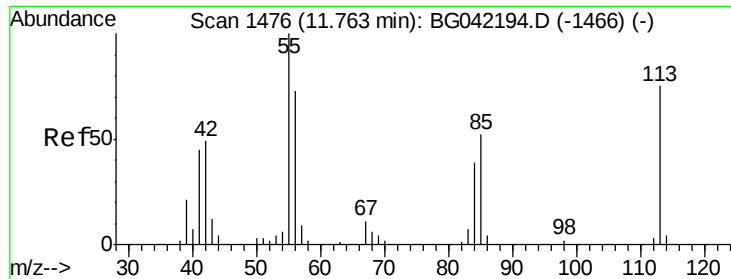
Tot Ion:127 Resp: 124411  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.5 39.7



#31  
Hexachlorobutadiene  
Concen: 21.182 ng/ul  
RT: 11.20 min Scan# 1381  
Delta R.T. 0.01 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Tgt Ion:225 Resp: 85718  
Ion Ratio Lower Upper  
225 100  
223 64.5 49.7 74.5  
227 63.9 50.7 76.1





#32

Caprolactam

Concen: 18.902 ng/ul

RT: 11.77 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

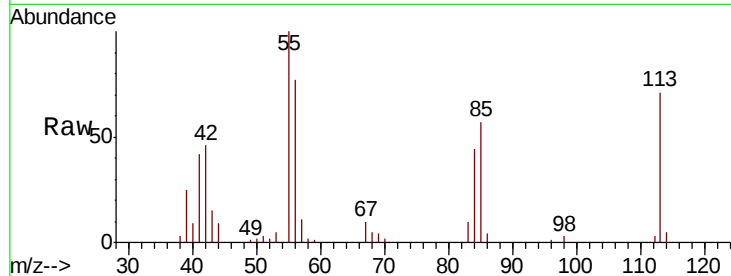
Tot Ion:113 Resp: 32597

Ion Ratio Lower Upper

113 100

55 140.4 142.4 213.6#

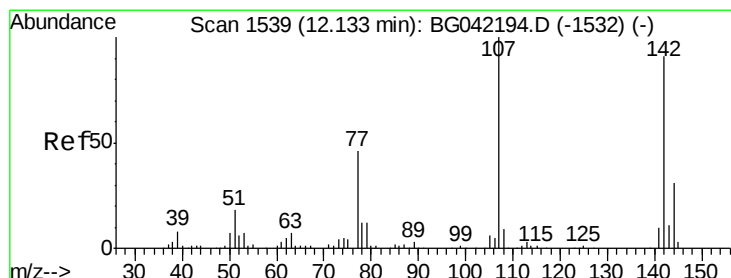
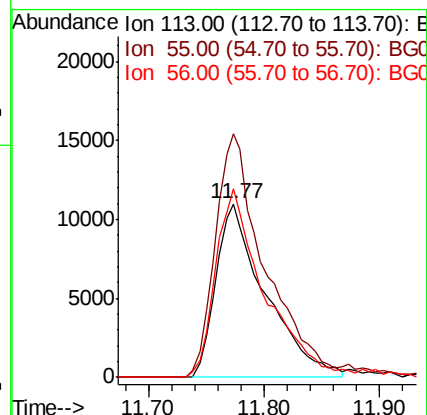
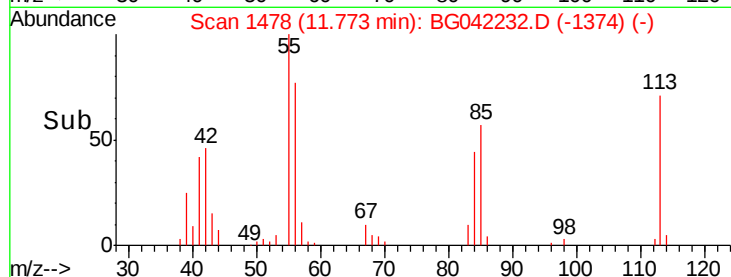
56 108.6 109.4 164.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 18.608 ng/ul

RT: 12.15 min Scan# 1542

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

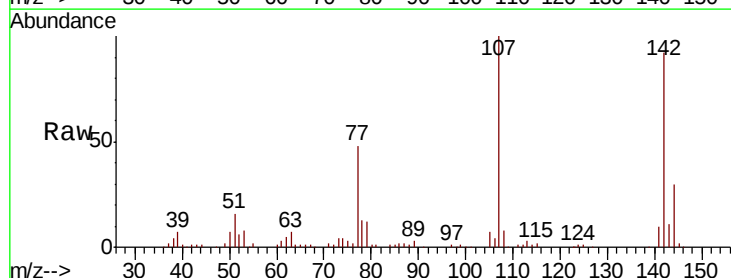
Tgt Ion:107 Resp: 97724

Ion Ratio Lower Upper

107 100

144 29.9 23.0 34.6

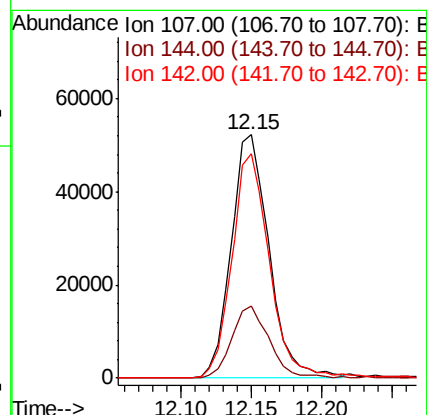
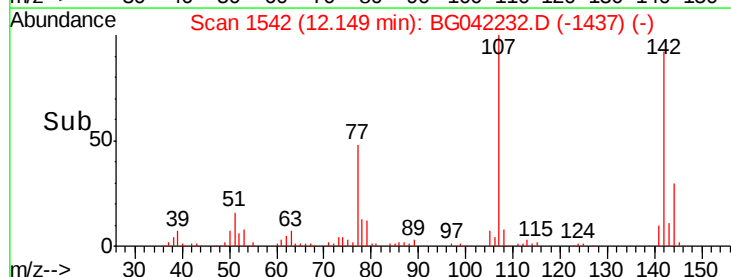
142 91.9 71.0 106.6

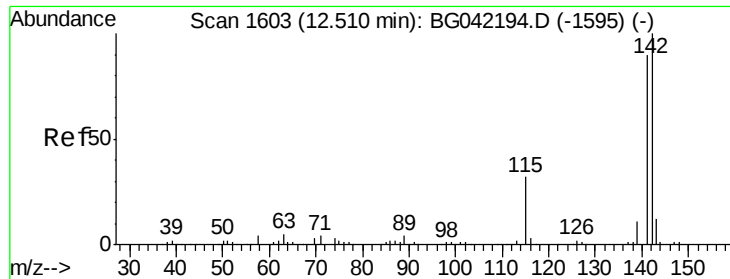


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

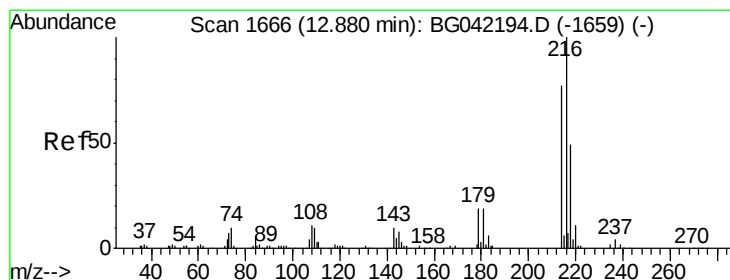
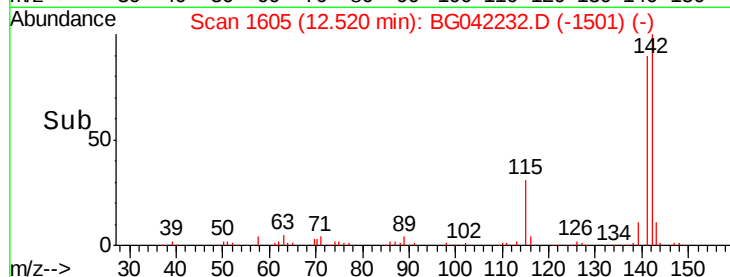
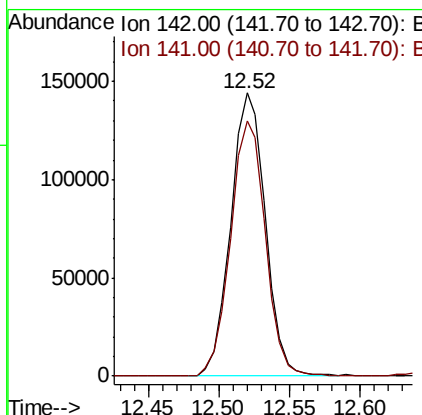
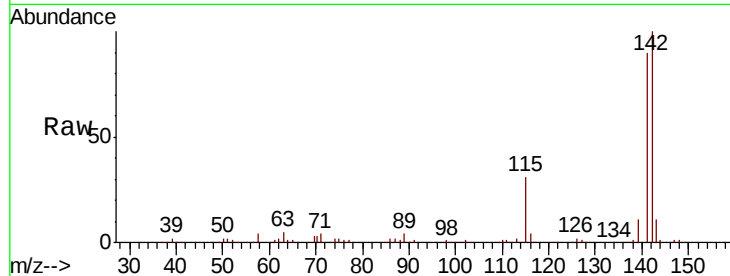




#34  
 2-Methylnaphthalene  
 Concen: 19.838 ng/ul  
 RT: 12.52 min Scan# 1605  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

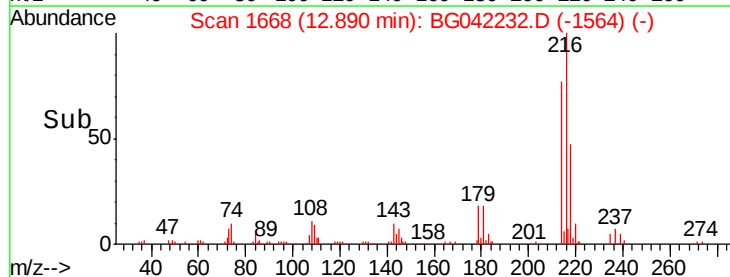
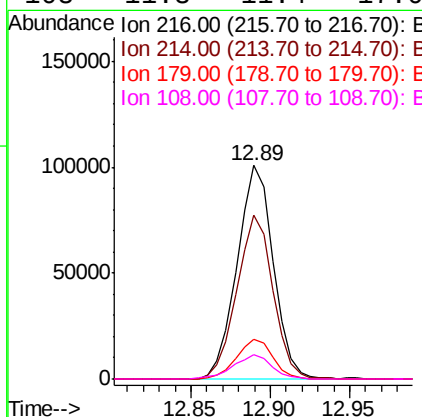
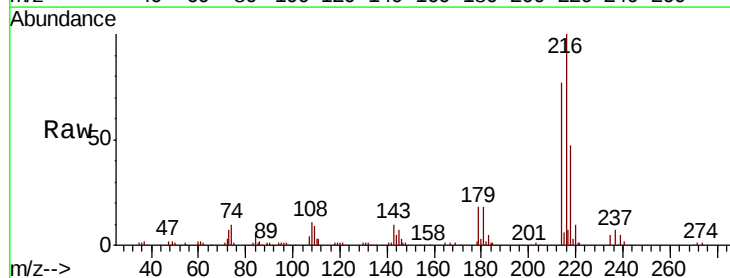
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

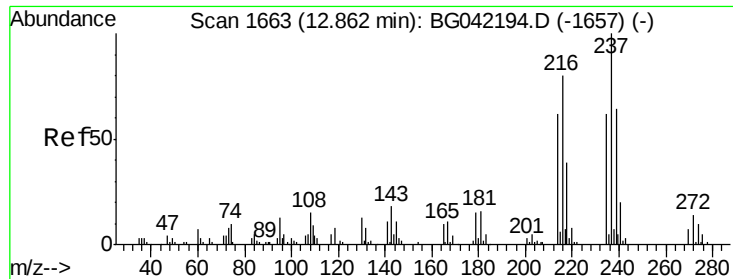
Tot Ion:142 Resp: 245566  
 Ion Ratio Lower Upper  
 142 100  
 141 90.2 72.9 109.3



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.005 ng/ul  
 RT: 12.89 min Scan# 1668  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:216 Resp: 159974  
 Ion Ratio Lower Upper  
 216 100  
 214 76.5 60.9 91.3  
 179 18.5 15.4 23.2  
 108 11.3 11.4 17.0#





#37

Hexachlorocyclopentadiene

Concen: 16.314 ng/ul

RT: 12.87 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

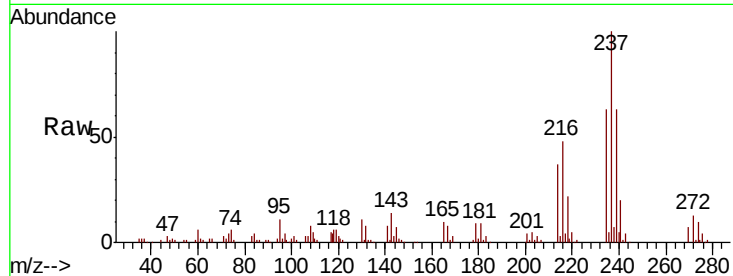
BNA\_G

ClientSampleId :

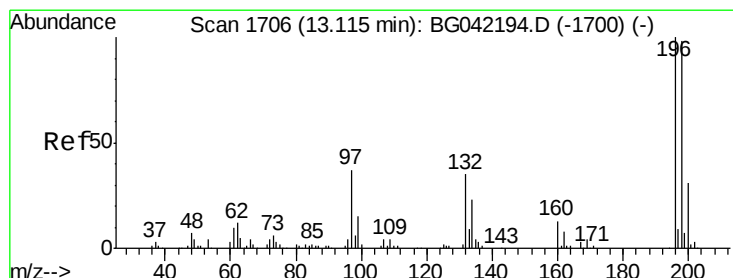
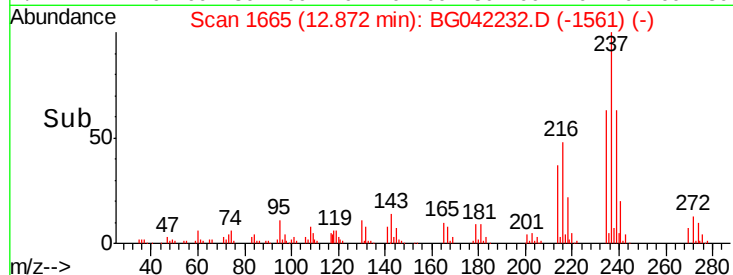
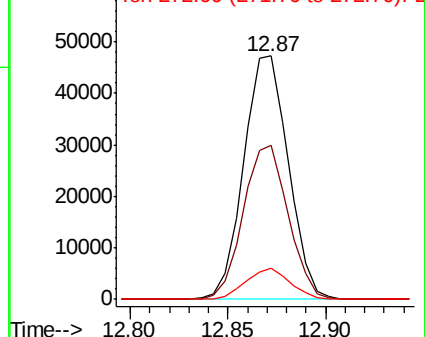
SSTD02060

Tot Ion:237 Resp: 74878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.4  | 47.0  | 70.6  |
| 272 | 12.8  | 8.8   | 13.2  |



Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.081 ng/ul

RT: 13.13 min Scan# 1709

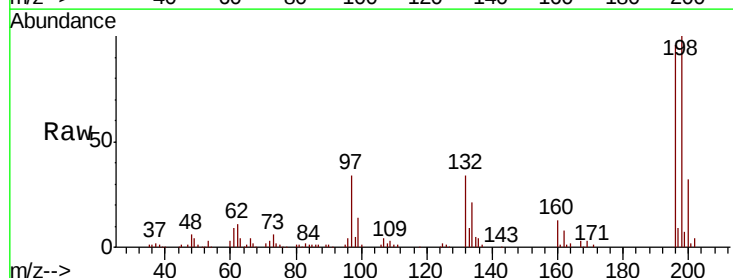
Delta R.T. 0.01 min

Lab File: BG042232.D

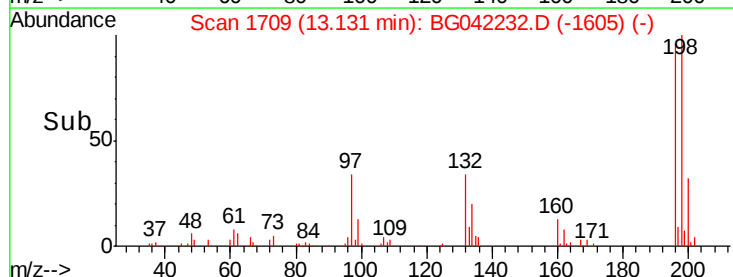
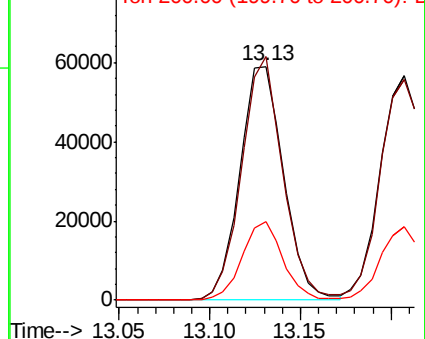
Acq: 15 Aug 2019 17:00

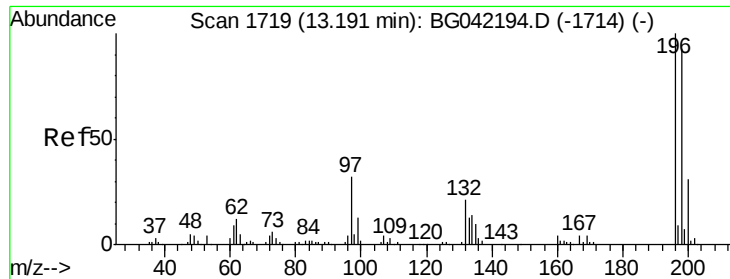
Tgt Ion:196 Resp: 99342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 104.1 | 80.0  | 120.0 |
| 200 | 33.7  | 26.9  | 40.3  |



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

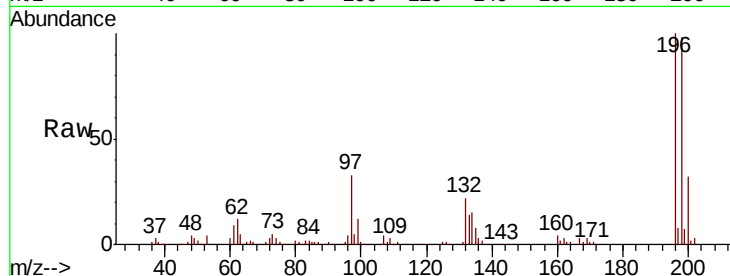




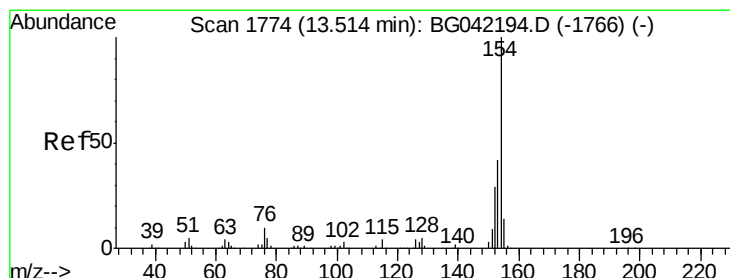
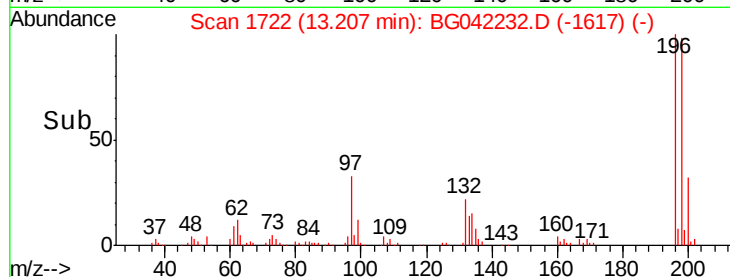
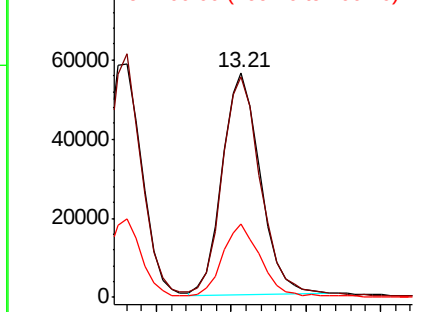
#39  
 2,4,5-Trichlorophenol  
 Concen: 19.935 ng/ul  
 RT: 13.21 min Scan# 1722  
 Delta R.T. 0.02 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Tot Ion:196 Resp: 100039  
 Ion Ratio Lower Upper  
 196 100  
 198 98.2 76.8 115.2  
 200 32.4 24.9 37.3

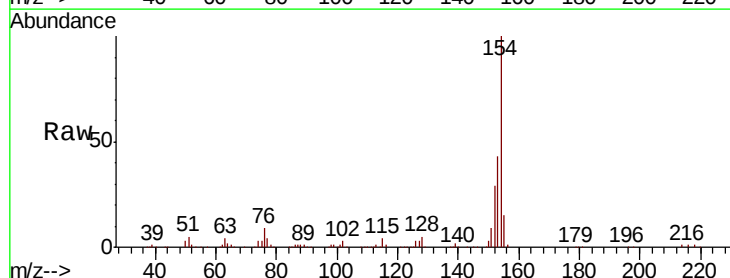


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

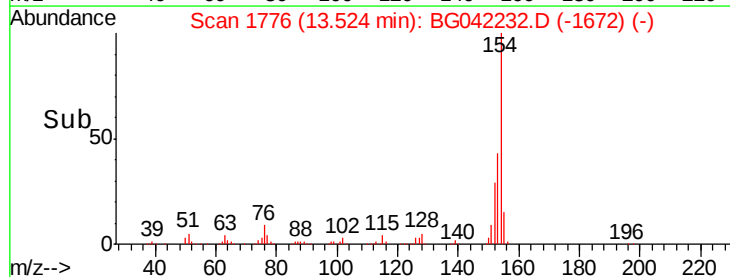
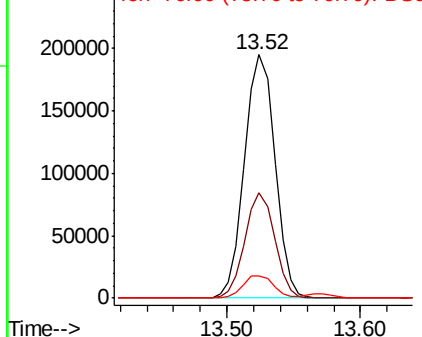


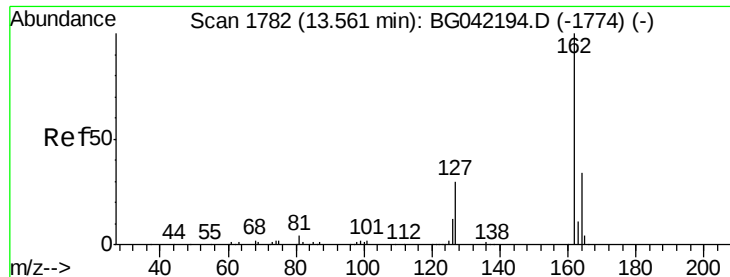
#40  
 1,1'-Biphenyl  
 Concen: 20.866 ng/ul  
 RT: 13.52 min Scan# 1776  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:154 Resp: 308500  
 Ion Ratio Lower Upper  
 154 100  
 153 43.1 32.6 48.8  
 76 9.0 8.6 13.0



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

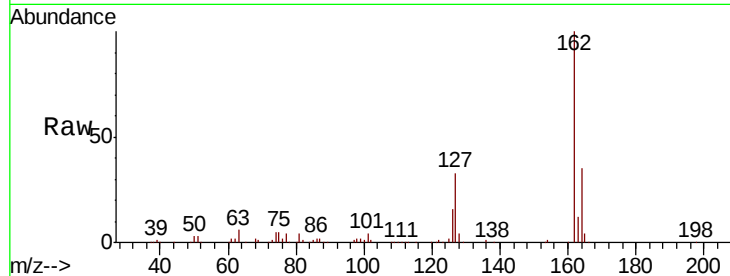




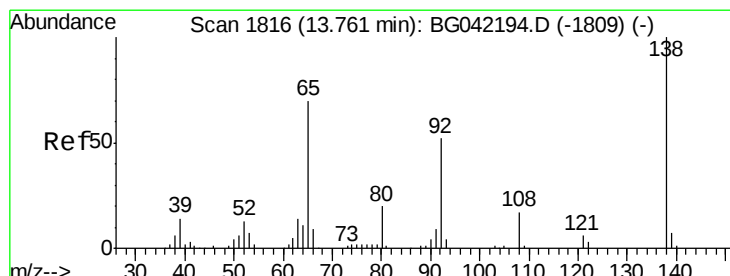
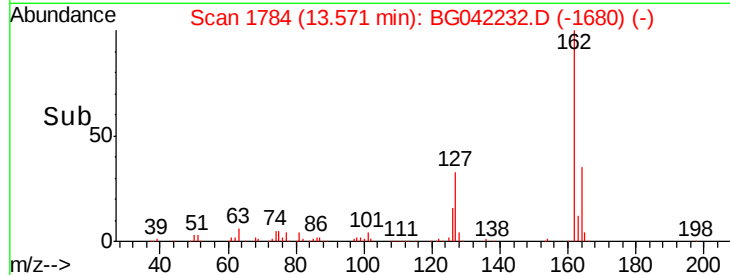
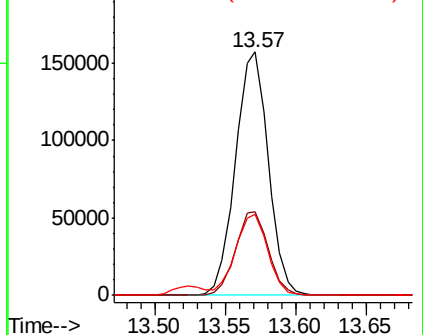
#41  
 2-Chloronaphthalene  
 Concen: 21.443 ng/ul  
 RT: 13.57 min Scan# 1784  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Tot Ion:162 Resp: 255272  
 Ion Ratio Lower Upper  
 162 100  
 164 34.6 26.9 40.3  
 127 33.1 27.8 41.8

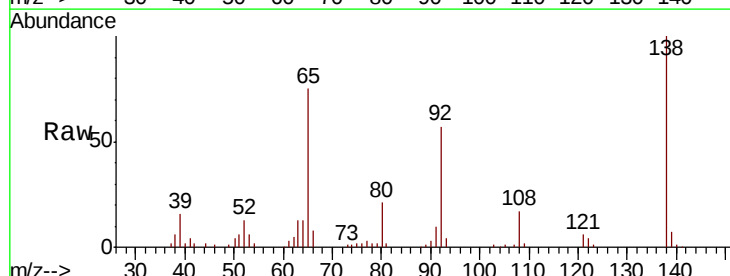


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

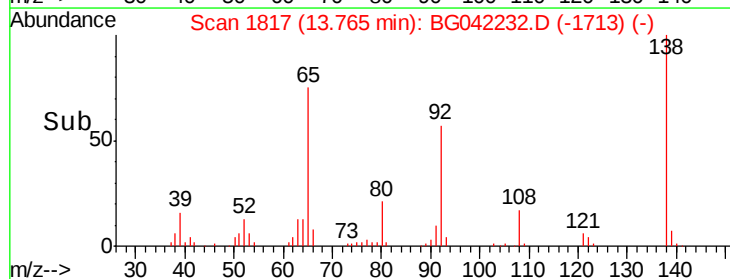
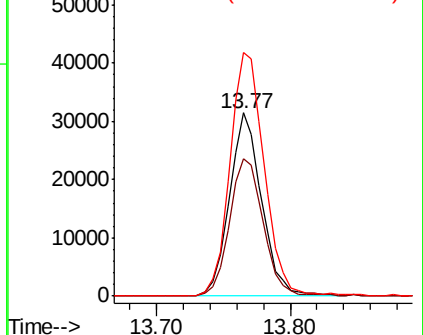


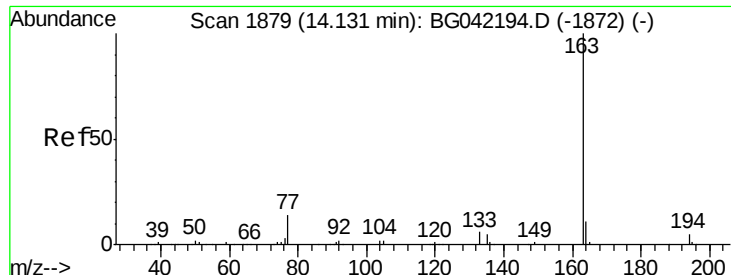
#42  
 2-Nitroaniline  
 Concen: 16.946 ng/ul  
 RT: 13.77 min Scan# 1817  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion: 65 Resp: 52775  
 Ion Ratio Lower Upper  
 65 100  
 92 75.4 51.6 77.4  
 138 133.1 94.1 141.1



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





#44

Dimethylphthalate

Concen: 19.608 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

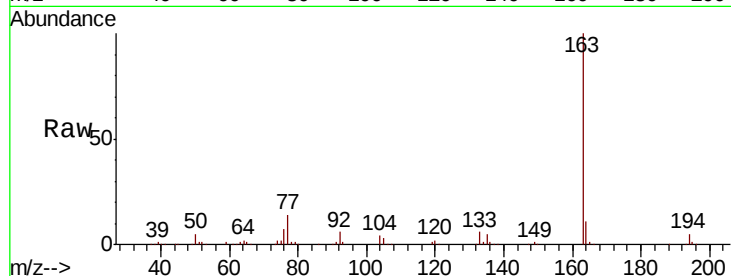
Tot Ion:163 Resp: 307017

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

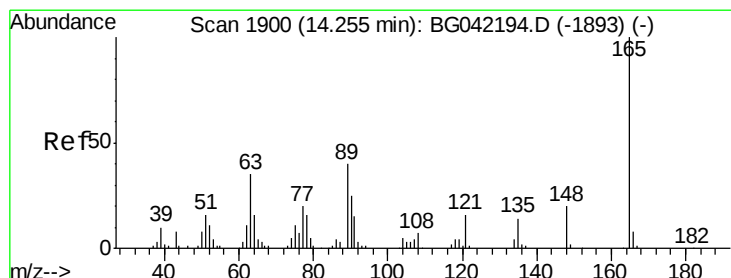
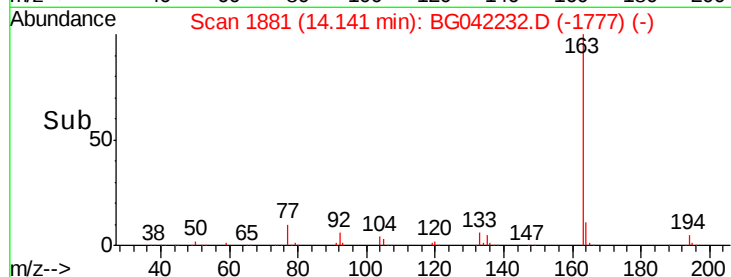
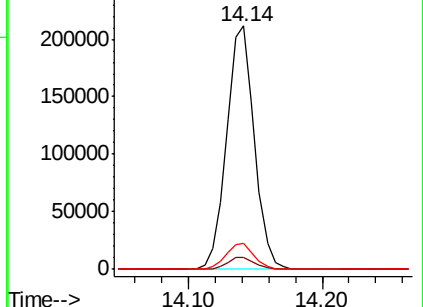
164 10.8 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 20.348 ng/ul

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

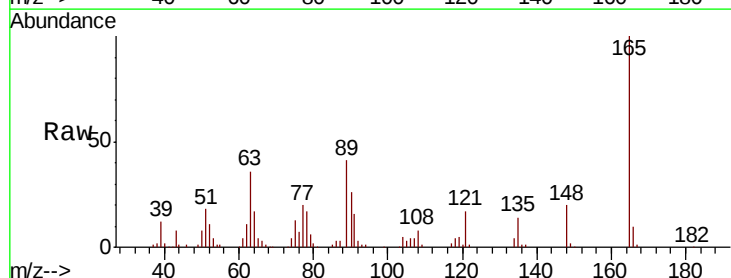
Tgt Ion:165 Resp: 69301

Ion Ratio Lower Upper

165 100

89 40.6 36.8 55.2

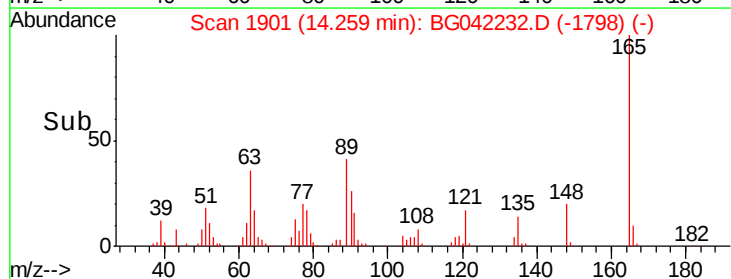
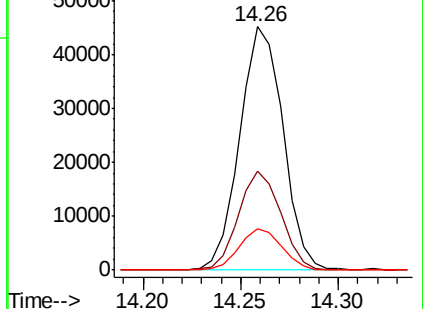
121 17.2 15.6 23.4

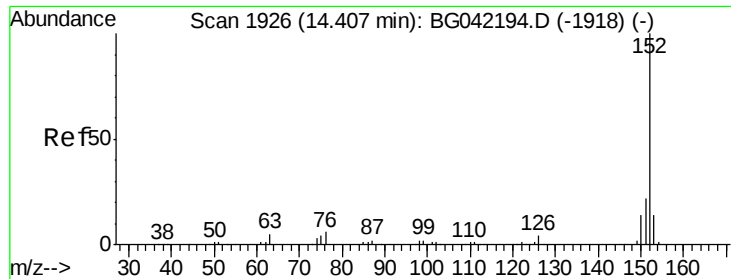


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.036 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

Tot Ion:152 Resp: 364276

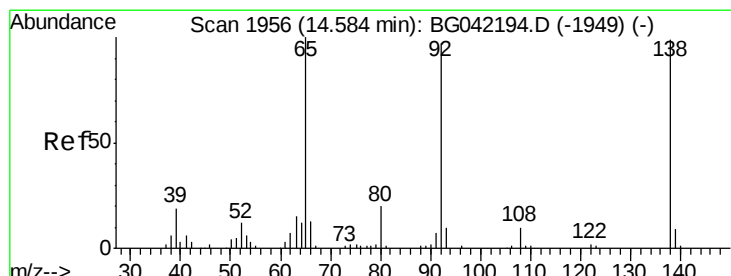
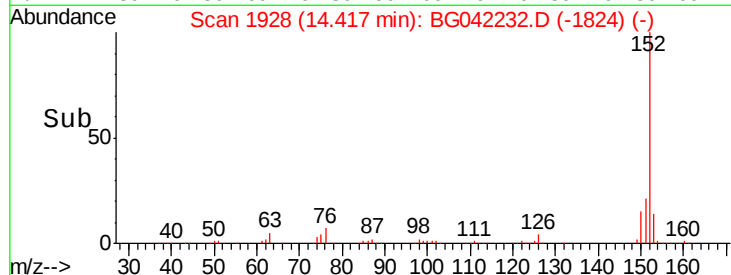
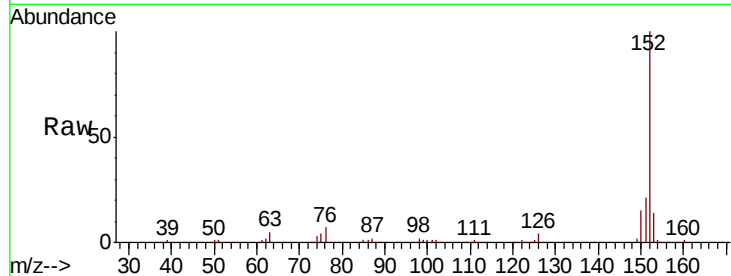
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.2  | 16.8  | 25.2  |
| 153 | 13.6  | 10.3  | 15.5  |

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



#48

3-Nitroaniline

Concen: 22.856 ng/ul

RT: 14.59 min Scan# 1958

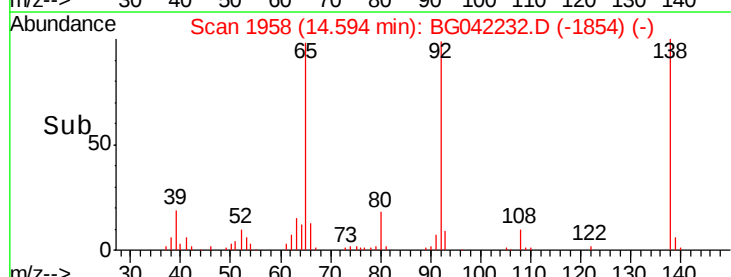
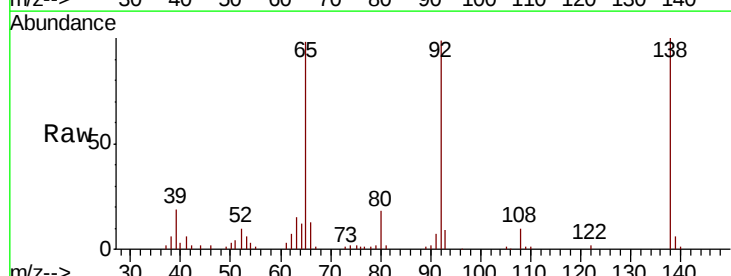
Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Tgt Ion:138 Resp: 62079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.0  | 7.6   | 11.4  |
| 92  | 99.3  | 76.4  | 114.6 |

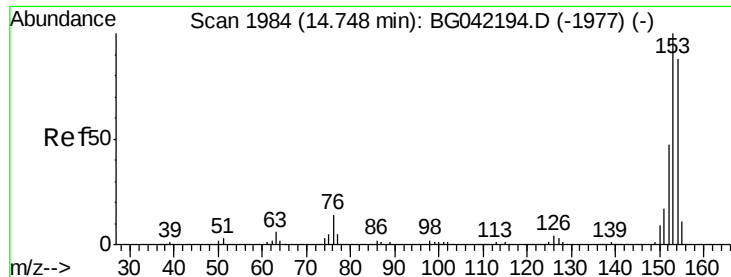


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



#49

Acenaphthene

Concen: 20.400 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

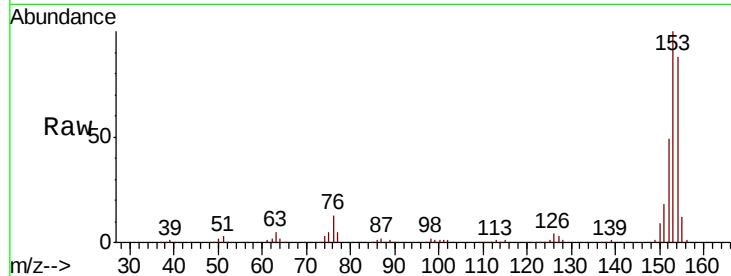
Tot Ion:153 Resp: 259339

Ion Ratio Lower Upper

153 100

152 48.5 37.8 56.8

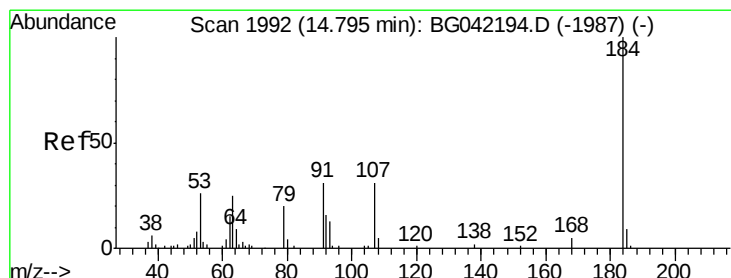
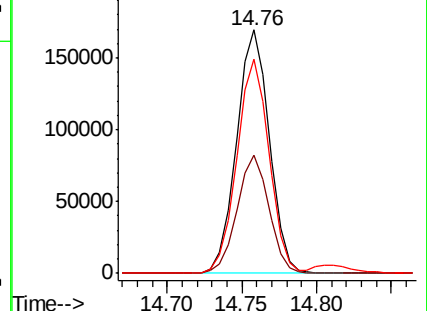
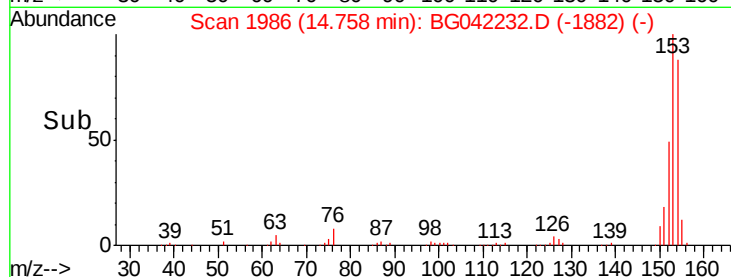
154 88.0 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 11.824 ng/ul

RT: 14.81 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

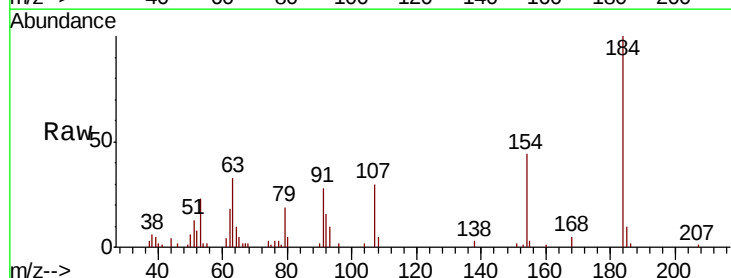
Tgt Ion:184 Resp: 22035

Ion Ratio Lower Upper

184 100

63 32.9 32.6 49.0

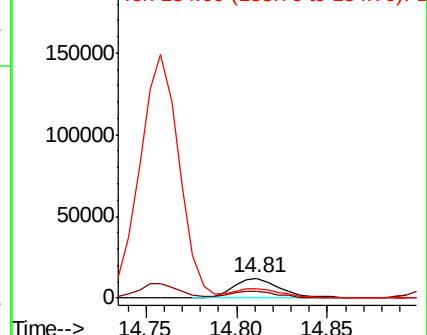
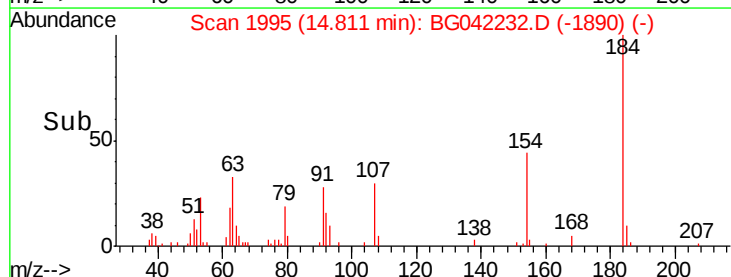
154 44.3 41.8 62.6

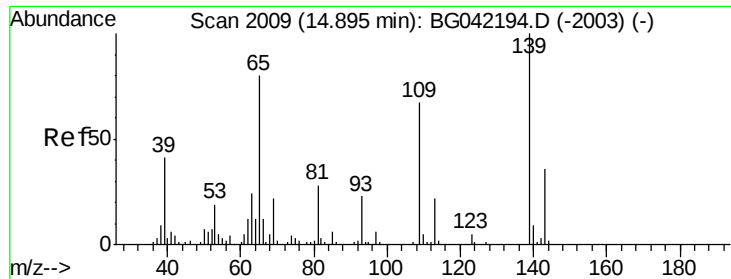


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

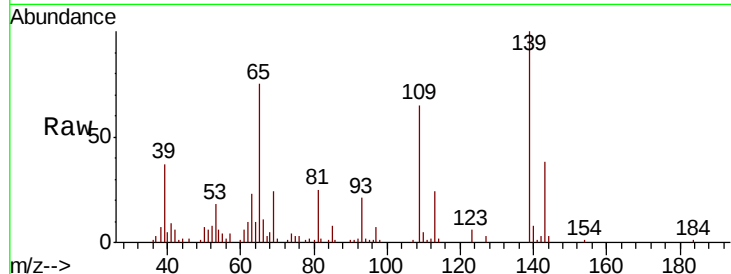




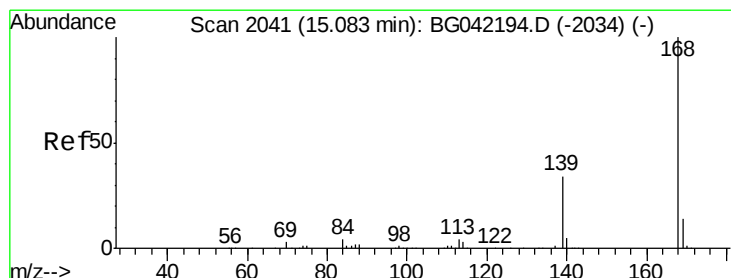
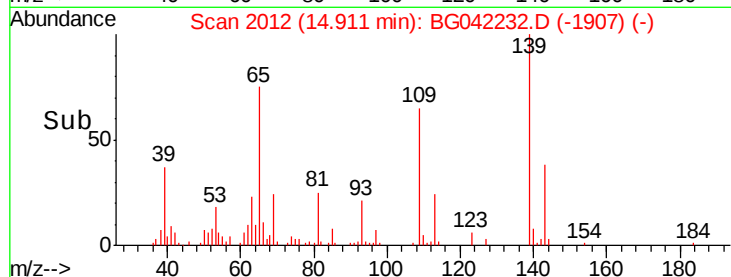
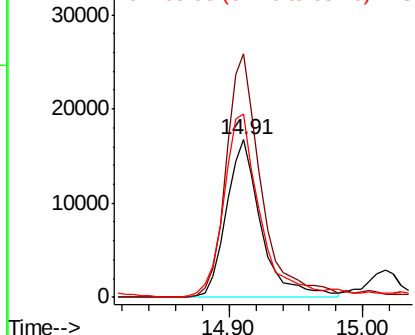
#52  
4-Nitrophenol  
Concen: 15.538 ng/ul  
RT: 14.91 min Scan# 2012  
Delta R.T. 0.02 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

Tot Ion:109 Resp: 30488  
Ion Ratio Lower Upper  
109 100  
139 154.9 111.8 167.6  
65 116.7 103.6 155.4

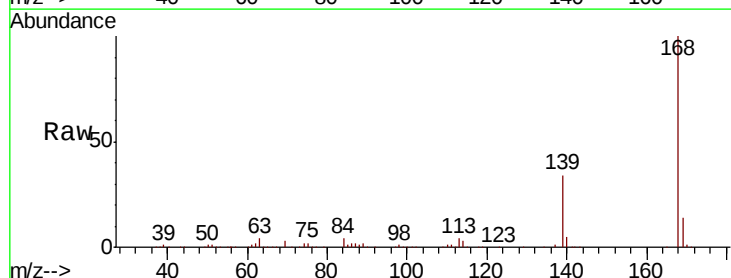


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BGC

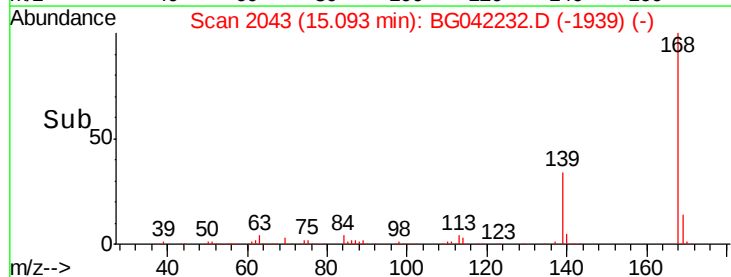
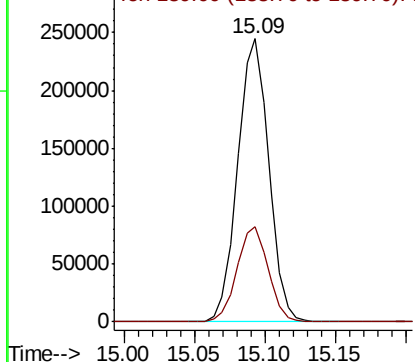


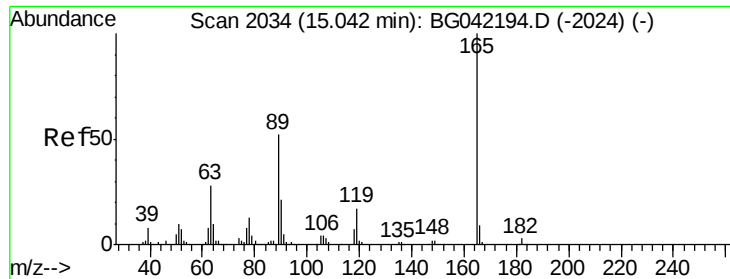
#53  
Dibenzofuran  
Concen: 19.846 ng/ul  
RT: 15.09 min Scan# 2043  
Delta R.T. 0.01 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Tgt Ion:168 Resp: 376547  
Ion Ratio Lower Upper  
168 100  
139 33.7 27.3 40.9



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

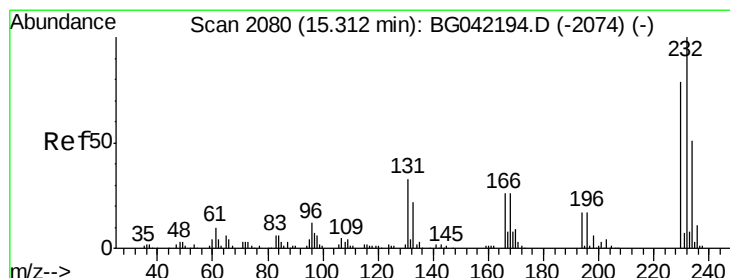
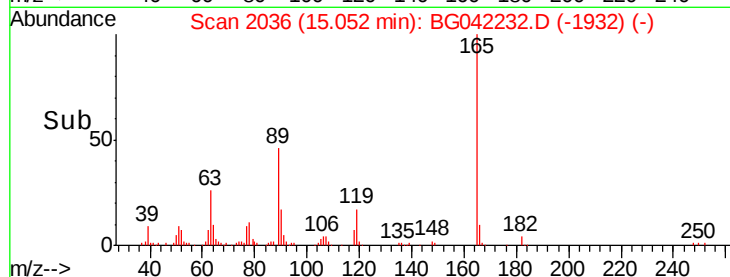
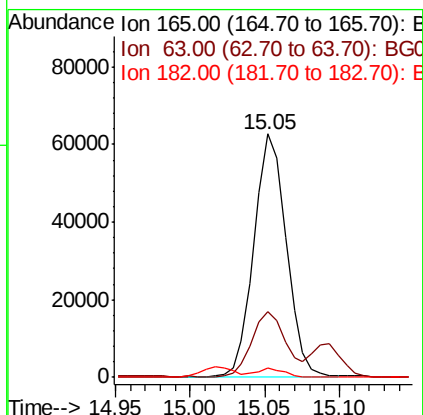
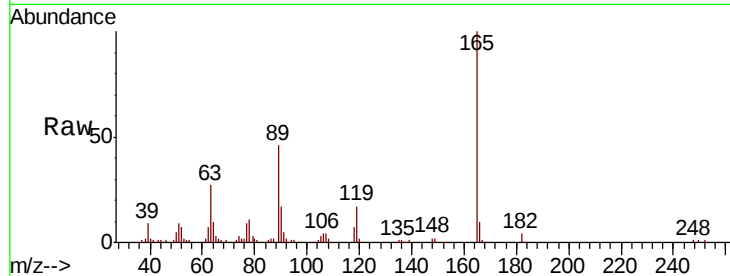




#54  
 2,4-Dinitrotoluene  
 Concen: 19.090 ng/u1  
 RT: 15.05 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

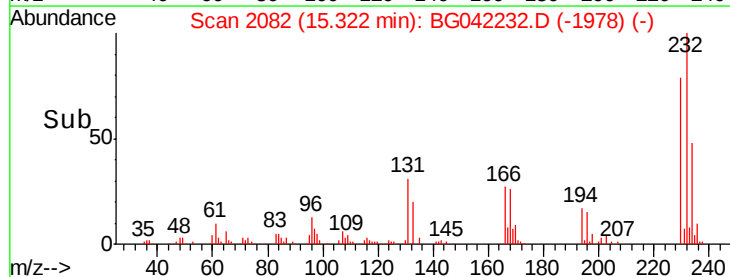
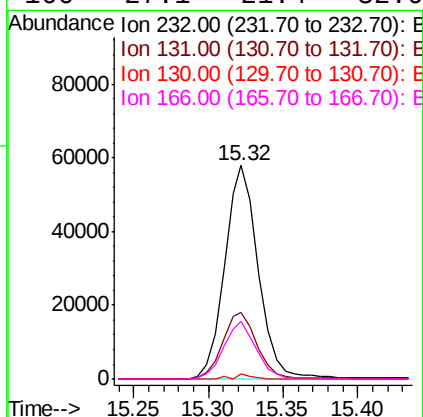
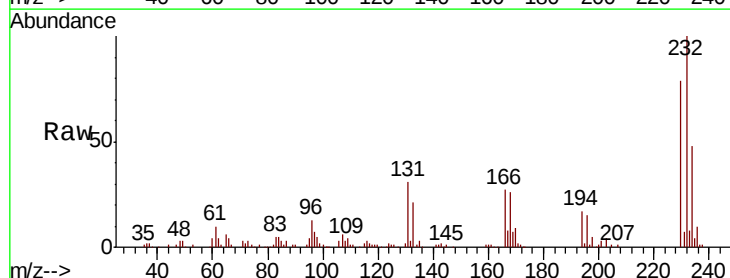
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

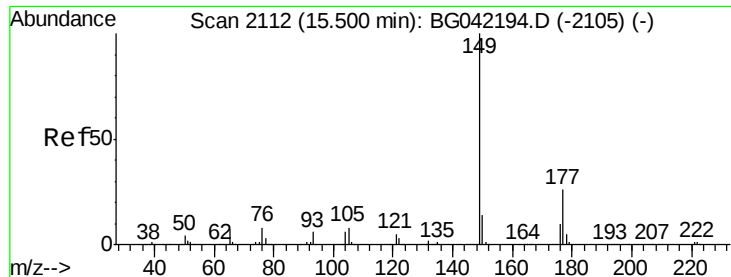
Tot Ion:165 Resp: 94529  
 Ion Ratio Lower Upper  
 165 100  
 63 26.8 29.4 44.2#  
 182 3.8 2.6 4.0



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.108 ng/u1  
 RT: 15.32 min Scan# 2082  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:232 Resp: 90875  
 Ion Ratio Lower Upper  
 232 100  
 131 31.3 27.1 40.7  
 130 2.2 1.3 1.9#  
 166 27.1 21.4 32.0





#56

Diethylphthalate

Concen: 18.606 ng/ul

RT: 15.50 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

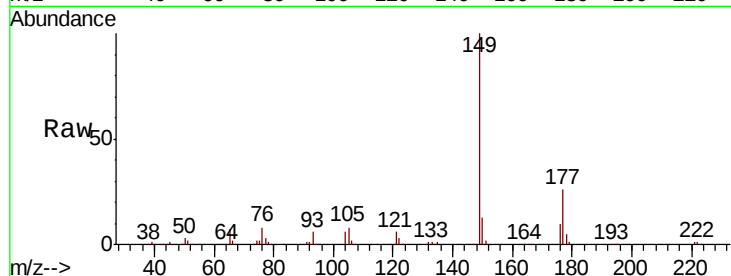
Tot Ion:149 Resp: 289801

Ion Ratio Lower Upper

149 100

177 25.9 19.4 29.2

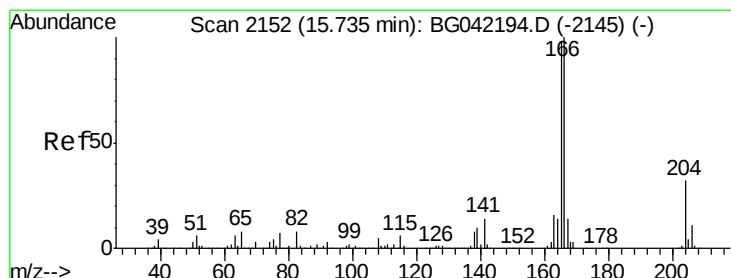
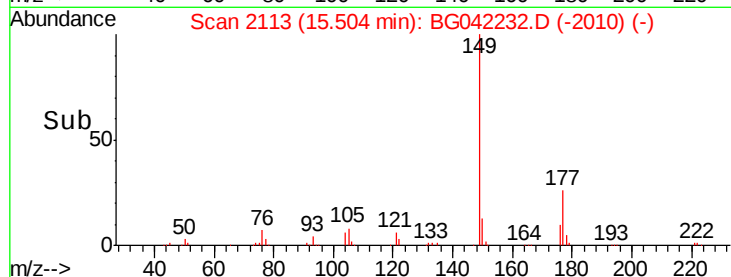
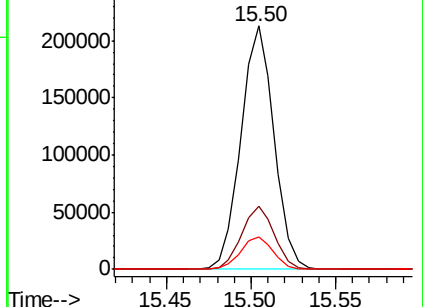
150 13.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.524 ng/ul

RT: 15.75 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

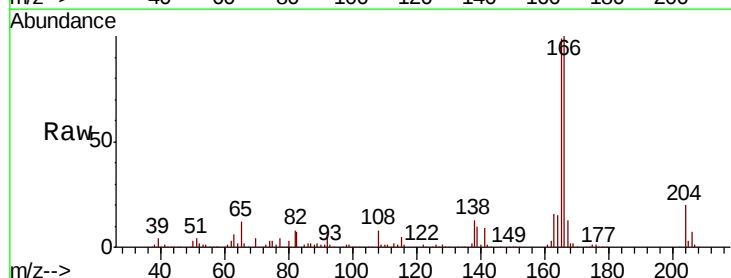
Tgt Ion:166 Resp: 298363

Ion Ratio Lower Upper

166 100

165 98.8 81.1 121.7

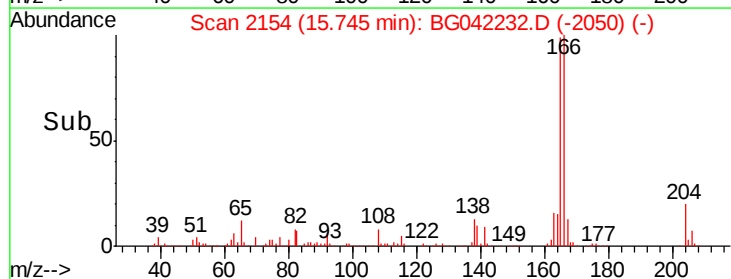
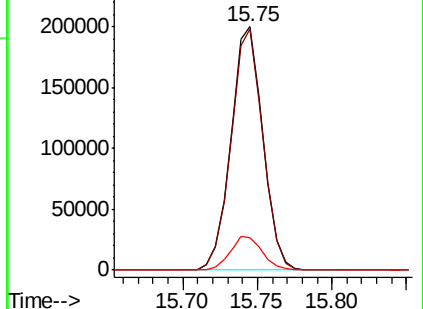
167 13.2 11.0 16.4

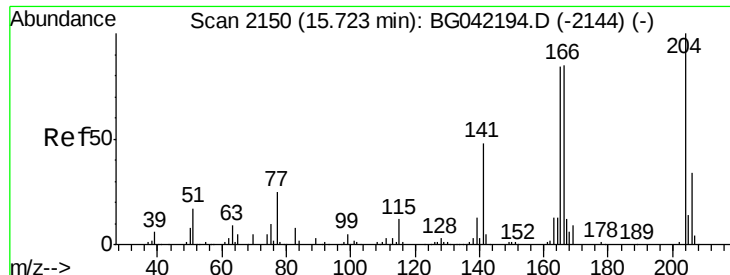


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

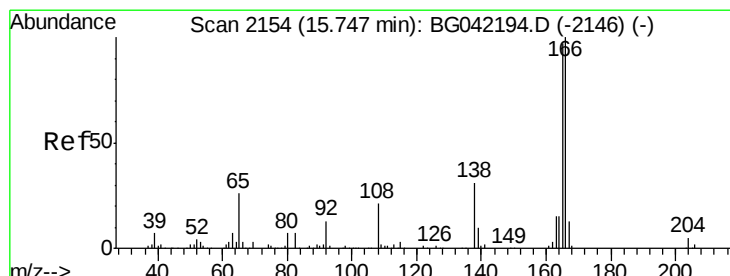
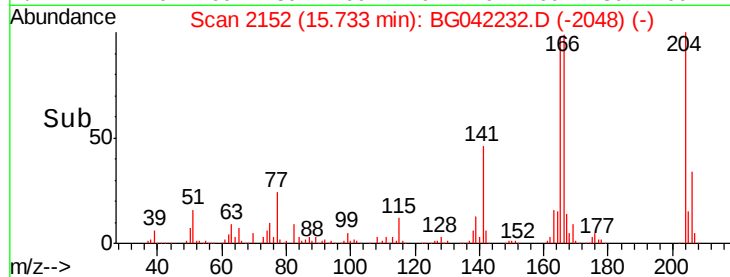
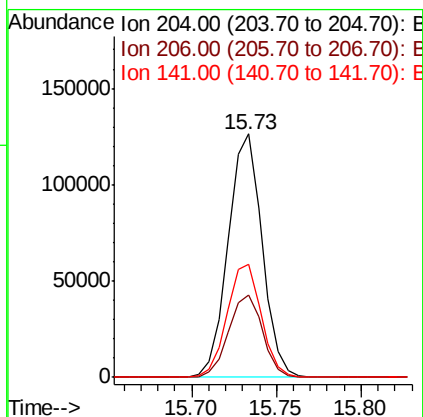
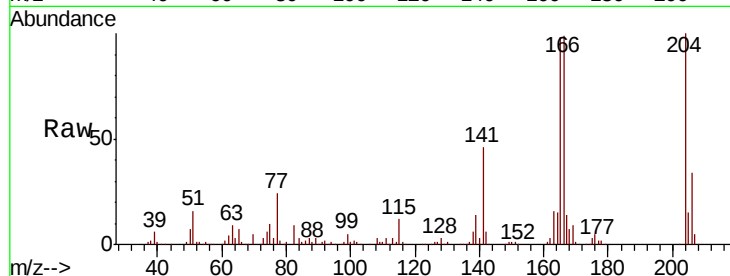




#59  
 4-Chlorophenyl-phenylether  
 Concen: 19.940 ng/ul  
 RT: 15.73 min Scan# 2152  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

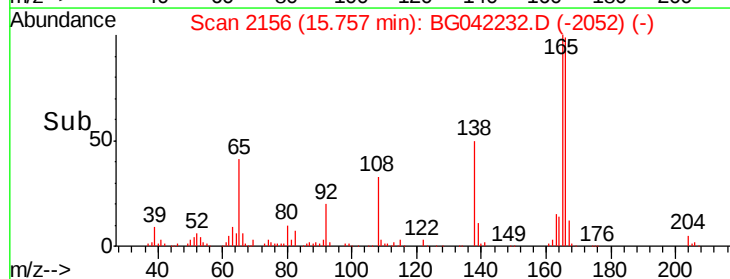
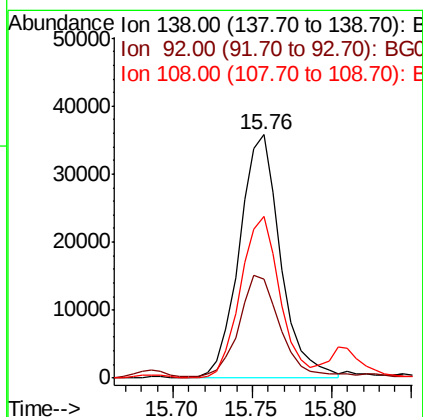
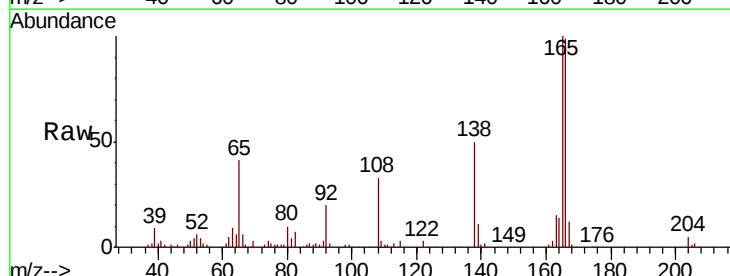
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02060

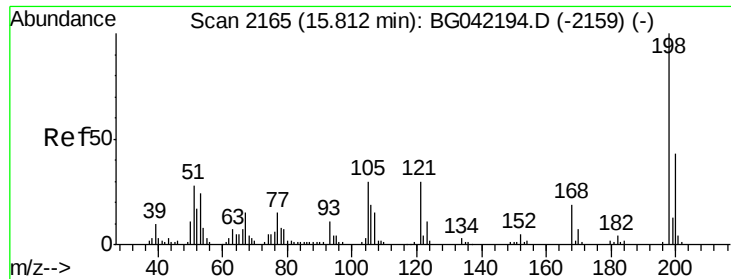
Tot Ion:204 Resp: 176945  
 Ion Ratio Lower Upper  
 204 100  
 206 33.6 27.6 41.4  
 141 46.5 39.0 58.6



#60  
 4-Nitroaniline  
 Concen: 21.302 ng/ul  
 RT: 15.76 min Scan# 2156  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:138 Resp: 64458  
 Ion Ratio Lower Upper  
 138 100  
 92 40.5 34.6 51.8  
 108 66.3 54.2 81.2

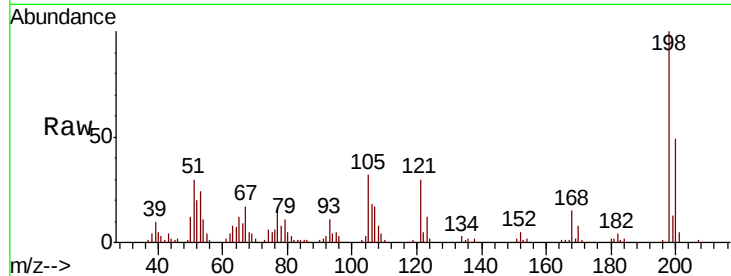




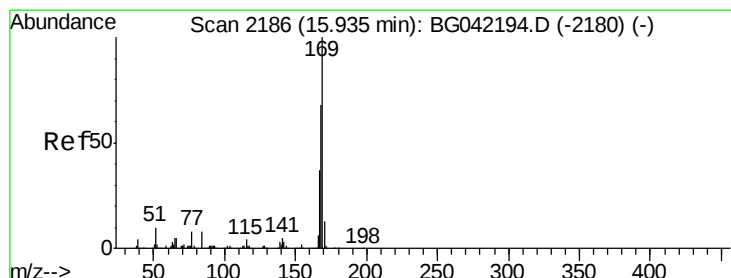
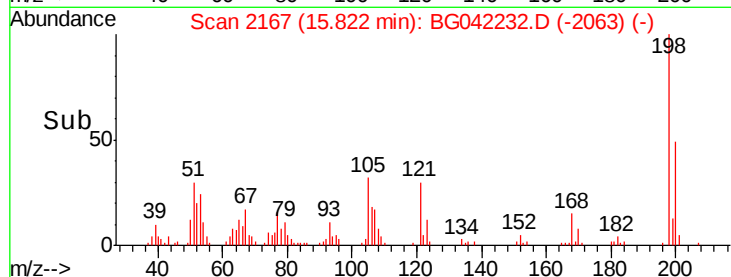
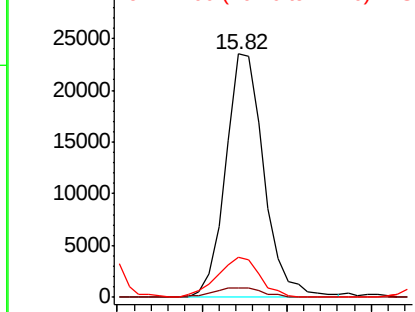
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 12.825 ng/ul  
 RT: 15.82 min Scan# 2167  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

Tot Ion:198 Resp: 37044  
 Ion Ratio Lower Upper  
 198 100  
 182 3.8 3.4 5.0  
 77 16.2 13.2 19.8

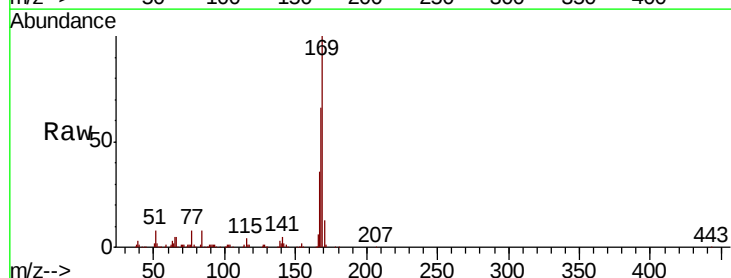


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BGC

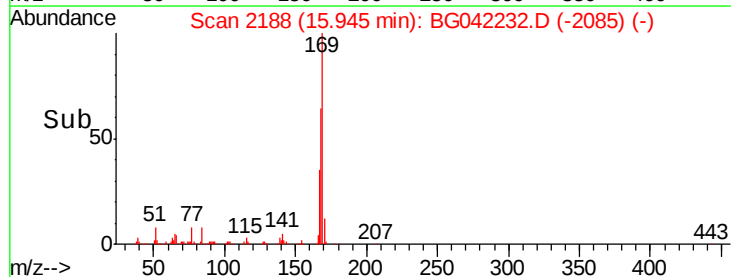
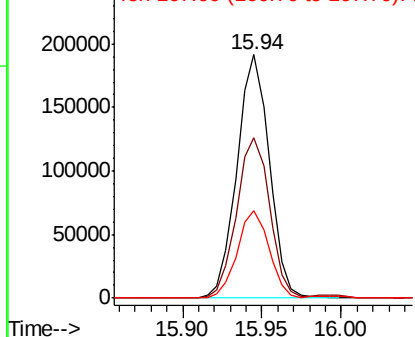


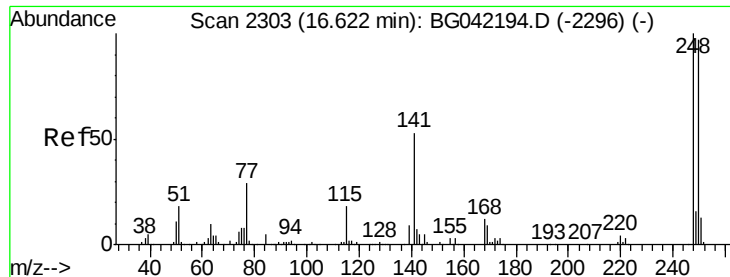
#64  
 N-Nitrosodiphenylamine  
 Concen: 21.916 ng/ul  
 RT: 15.94 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:169 Resp: 271716  
 Ion Ratio Lower Upper  
 169 100  
 168 65.9 55.0 82.4  
 167 35.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

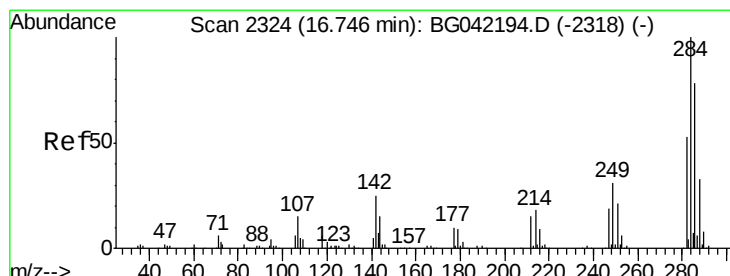
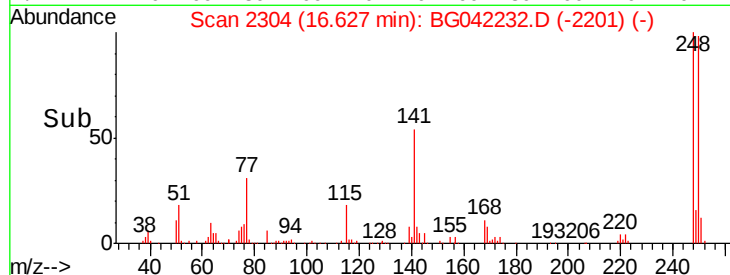
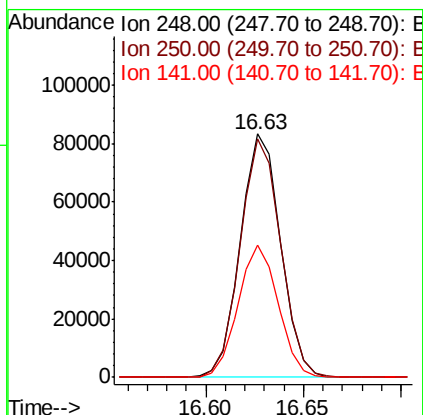
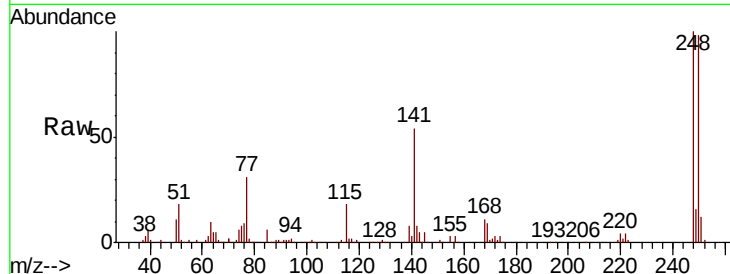




#65  
 4-Bromophenyl-phenylether  
 Concen: 21.569 ng/ul  
 RT: 16.63 min Scan# 2304  
 Delta R.T. 0.00 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

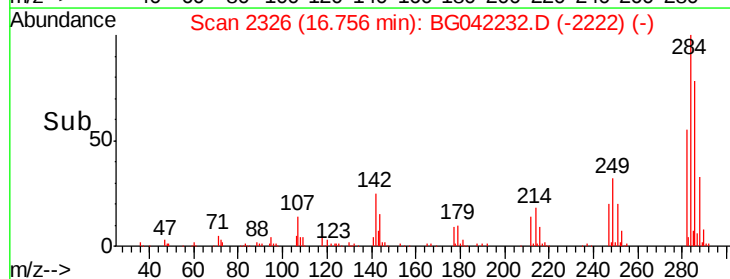
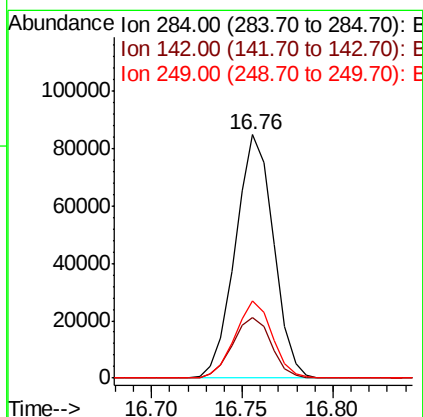
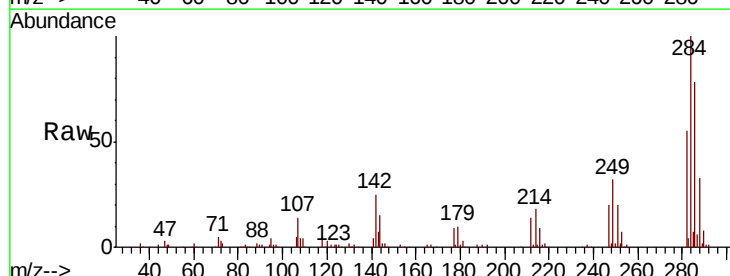
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02060

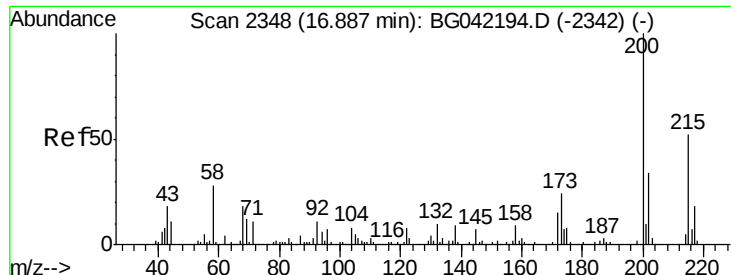
Tot Ion:248 Resp: 119329  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 76.1 114.1  
 141 54.3 46.8 70.2



#66  
 Hexachlorobenzene  
 Concen: 22.327 ng/ul  
 RT: 16.76 min Scan# 2326  
 Delta R.T. 0.01 min  
 Lab File: BG042232.D  
 Acq: 15 Aug 2019 17:00

Tgt Ion:284 Resp: 124058  
 Ion Ratio Lower Upper  
 284 100  
 142 25.0 24.4 36.6  
 249 31.7 27.2 40.8





#67

Atrazine

Concen: 21.810 ng/ul

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

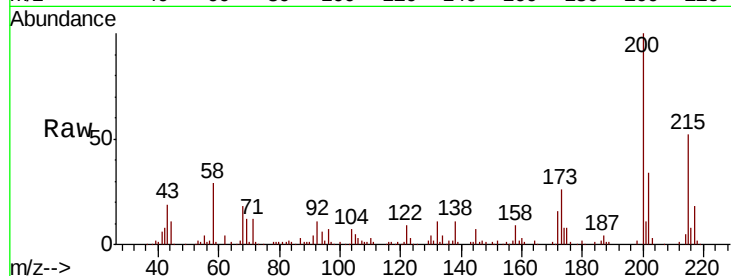
Tot Ion:200 Resp: 113325

Ion Ratio Lower Upper

200 100

173 26.1 19.0 28.6

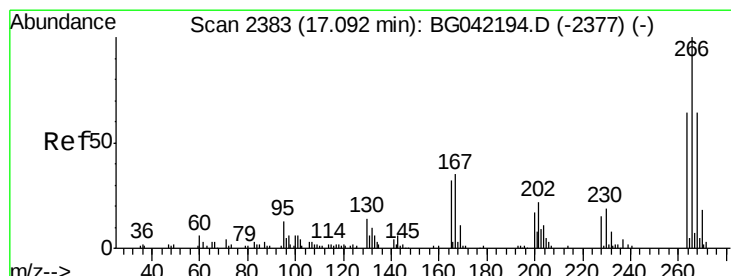
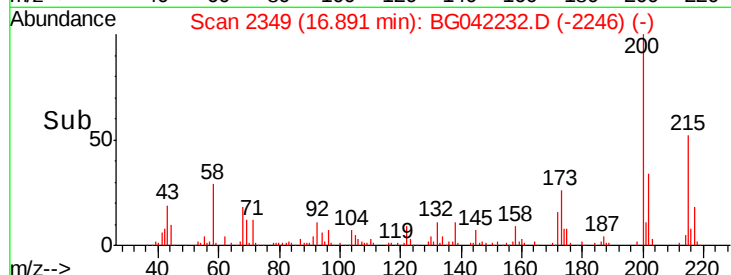
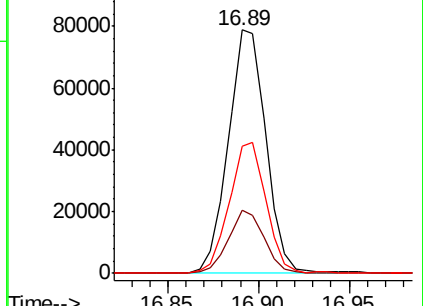
215 52.4 43.0 64.6



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



#68

Pentachlorophenol

Concen: 21.071 ng/ul

RT: 17.10 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

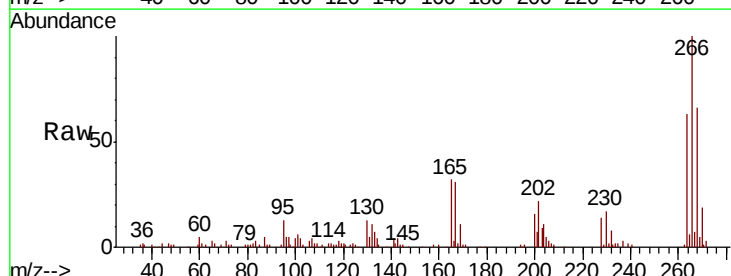
Tgt Ion:266 Resp: 63769

Ion Ratio Lower Upper

266 100

264 62.7 52.3 78.5

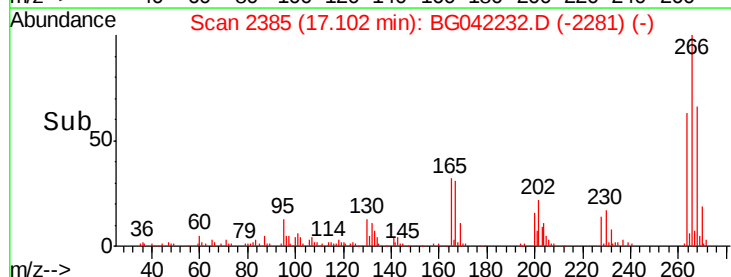
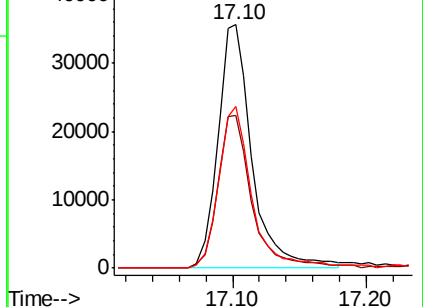
268 66.4 53.2 79.8

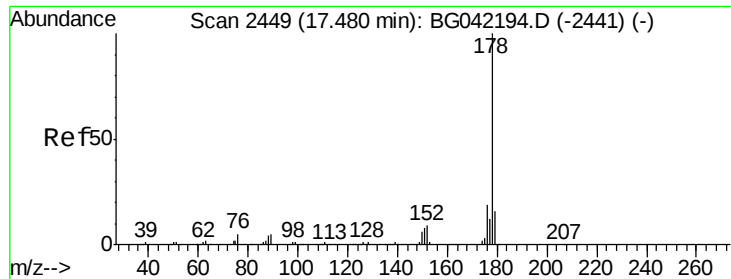


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.519 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

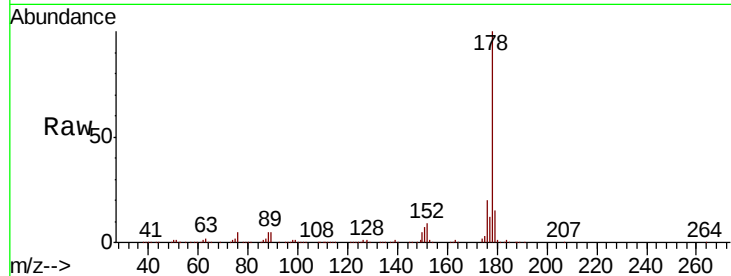
Tot Ion:178 Resp: 469424

Ion Ratio Lower Upper

178 100

179 15.3 12.8 19.2

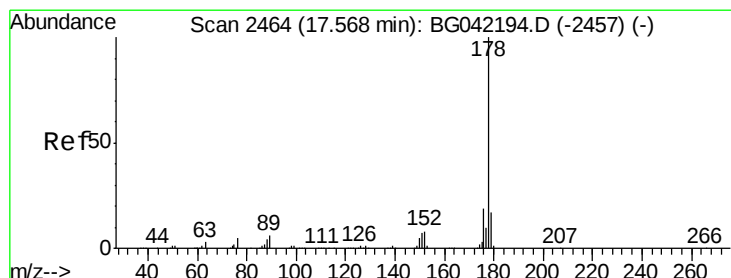
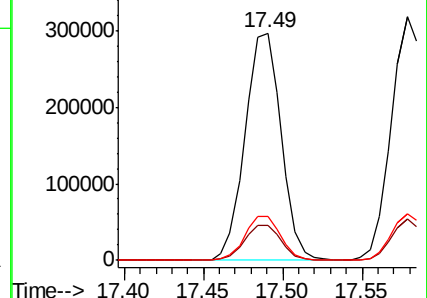
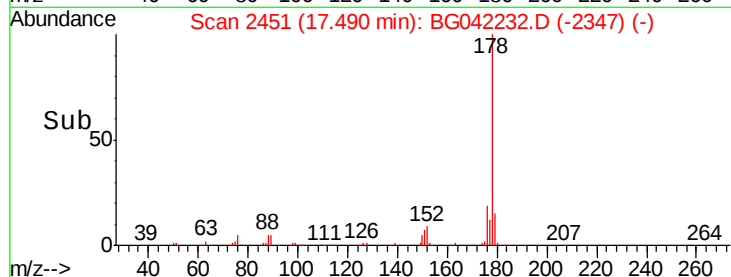
176 19.6 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.708 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

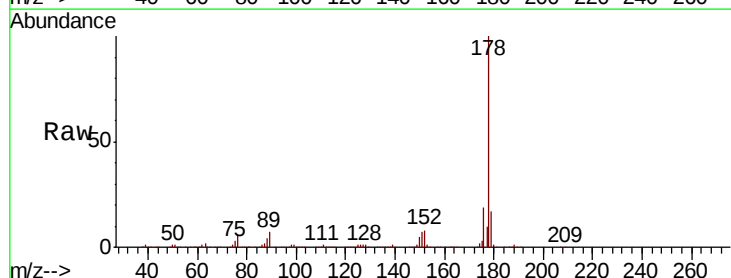
Tgt Ion:178 Resp: 480501

Ion Ratio Lower Upper

178 100

179 16.8 13.4 20.0

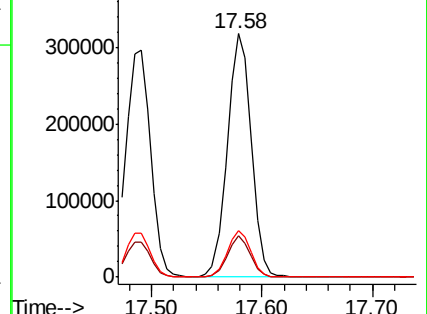
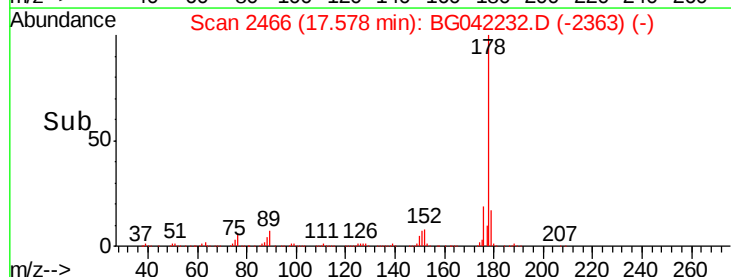
176 18.9 15.4 23.2

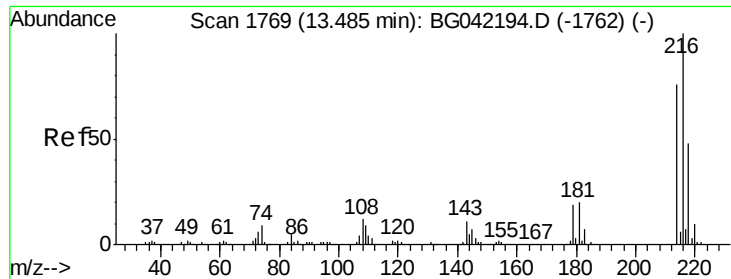


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 24.170 ng/uL

RT: 13.49 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

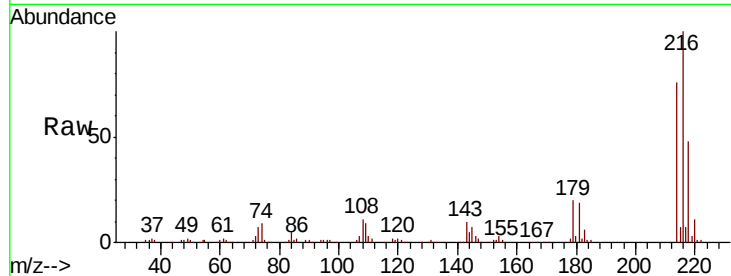
Tot Ion:216 Resp: 160955

Ion Ratio Lower Upper

216 100

214 76.2 61.1 91.7

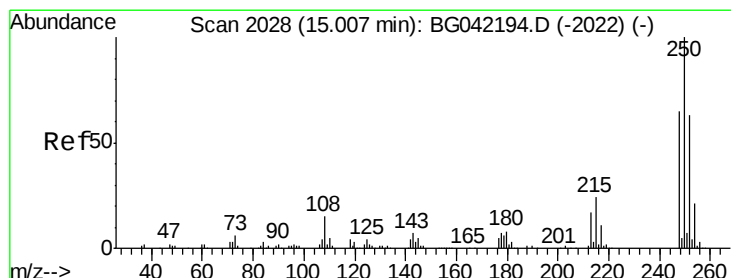
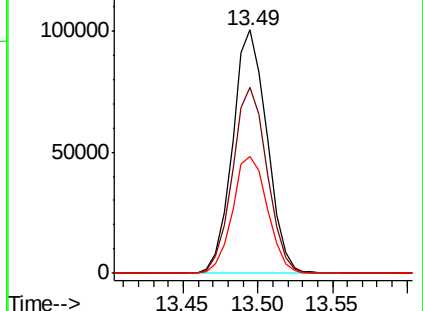
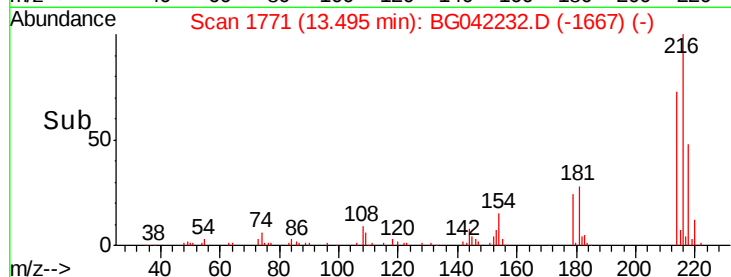
218 48.0 39.4 59.2



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 23.999 ng/uL

RT: 15.02 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

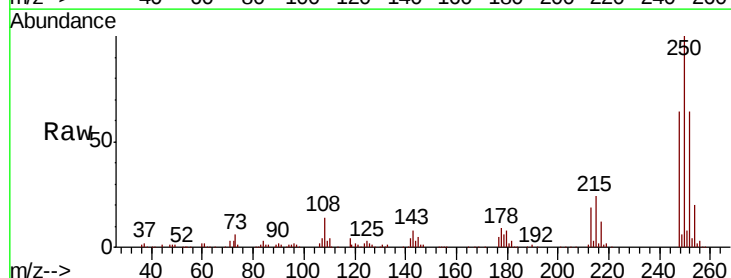
Tgt Ion:250 Resp: 161589

Ion Ratio Lower Upper

250 100

248 64.2 50.9 76.3

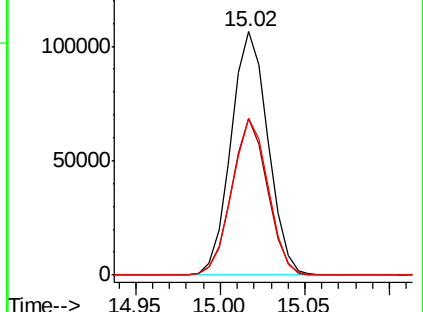
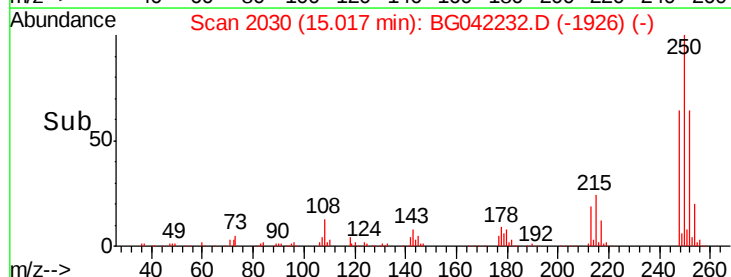
252 64.1 52.0 78.0

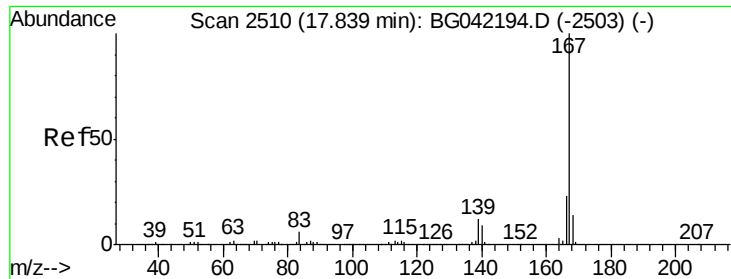


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.129 ng/ul

RT: 17.85 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

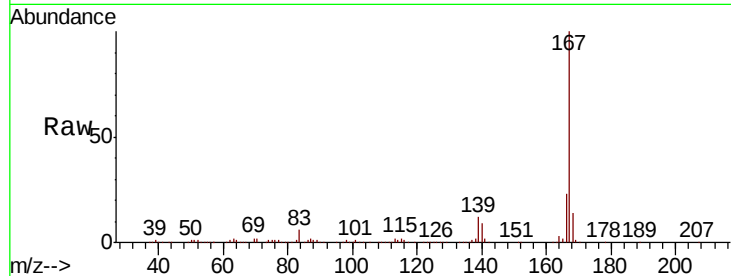
Tot Ion:167 Resp: 406113

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

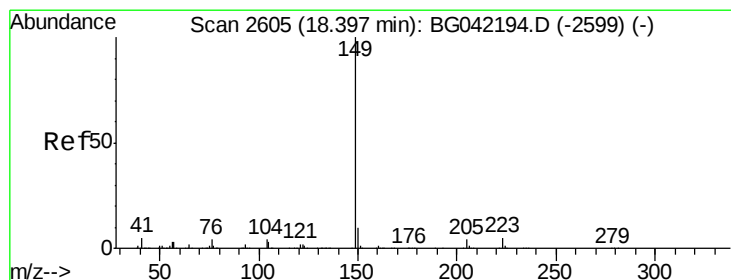
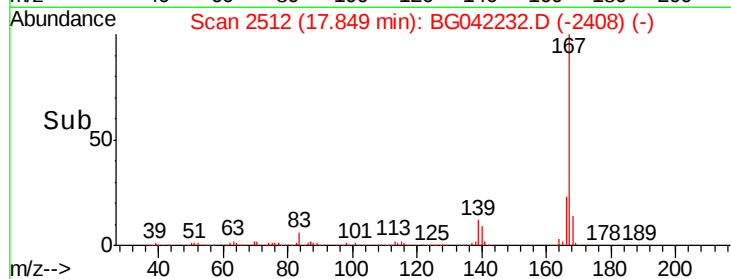
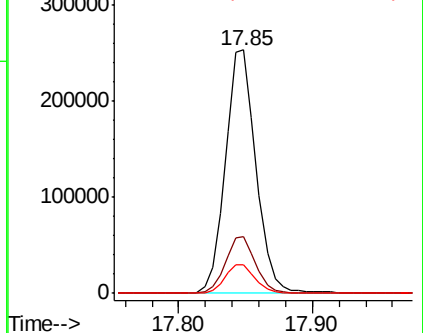
139 11.6 9.6 14.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 19.397 ng/ul

RT: 18.41 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

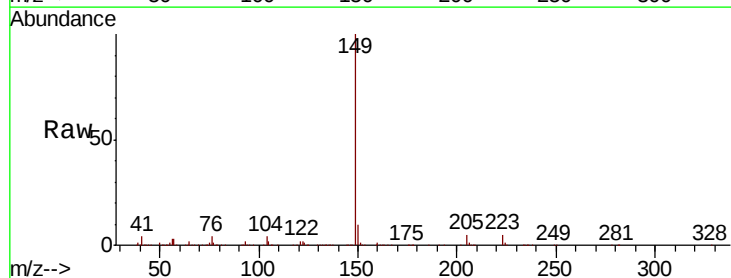
Tgt Ion:149 Resp: 459492

Ion Ratio Lower Upper

149 100

150 9.9 8.3 12.5

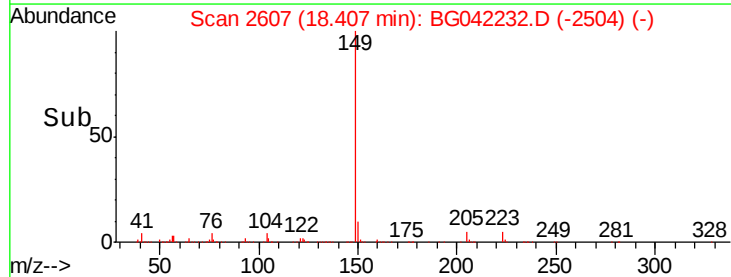
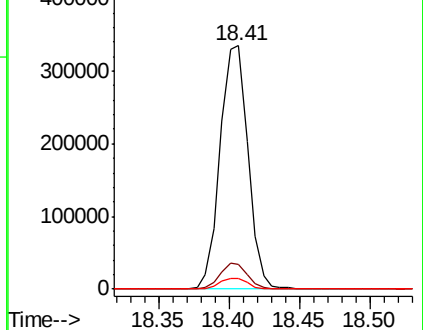
104 4.3 3.9 5.9

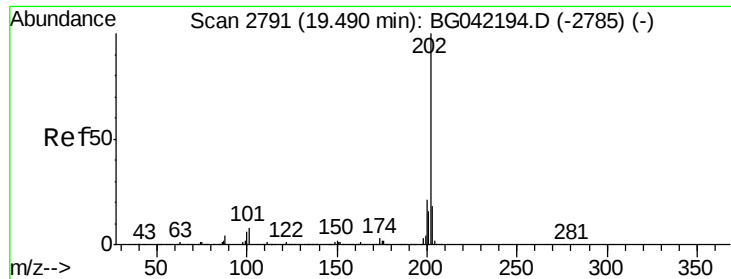


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

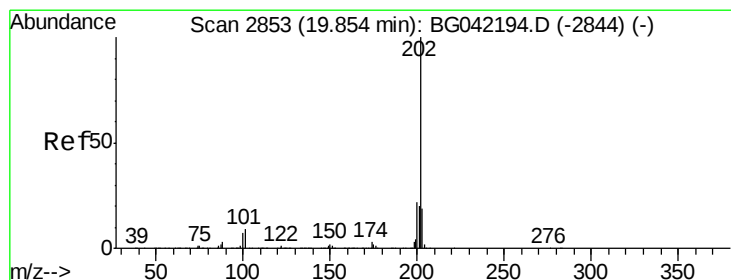
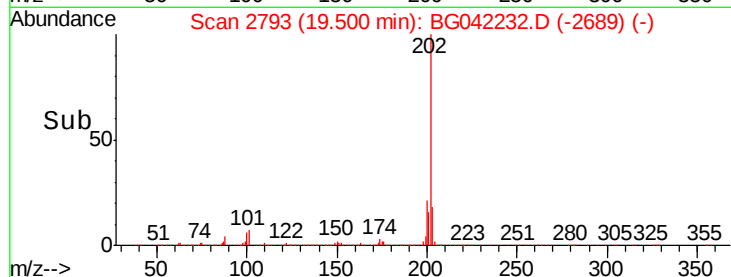
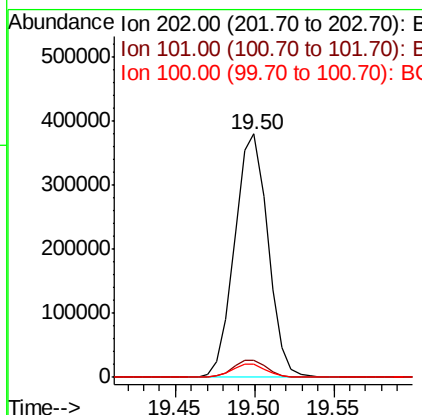
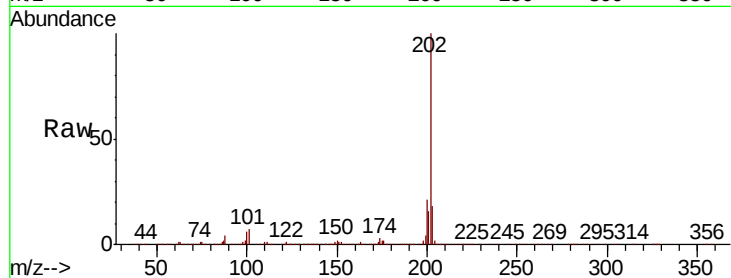




#76  
Fluoranthene  
Concen: 20.913 ng/ul  
RT: 19.50 min Scan# 2793  
Delta R.T. 0.01 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

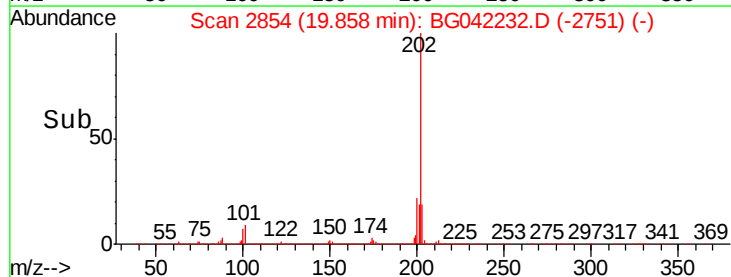
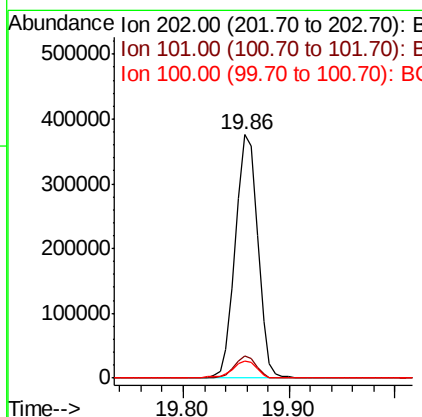
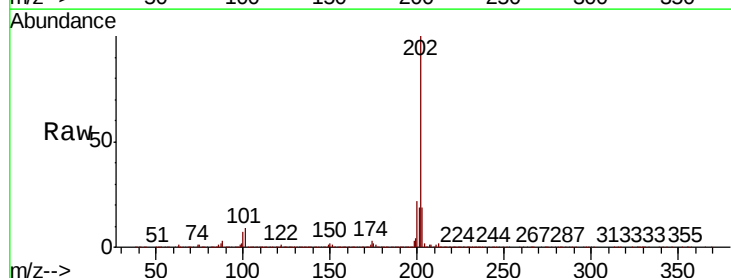
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

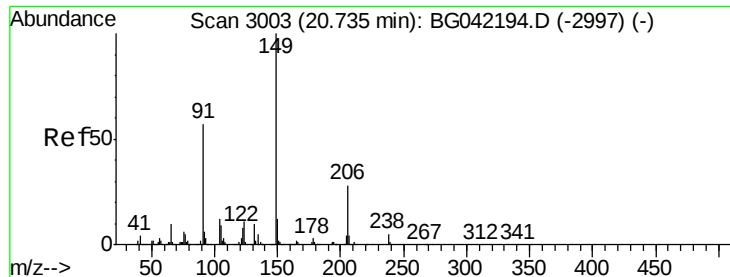
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.1   | 6.7   | 10.1  |
| 100     | 5.6   | 5.3   | 7.9   |



#79  
Pyrene  
Concen: 20.141 ng/ul  
RT: 19.86 min Scan# 2854  
Delta R.T. 0.00 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.0   | 7.6   | 11.4  |
| 100     | 7.3   | 6.5   | 9.7   |

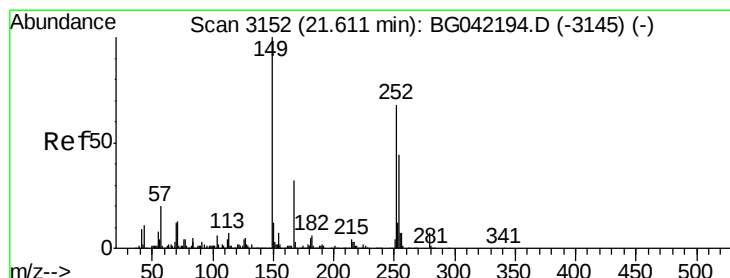
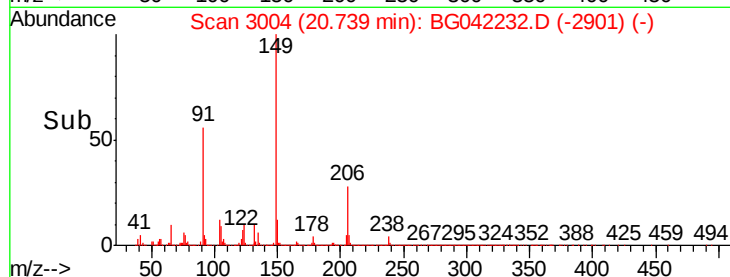
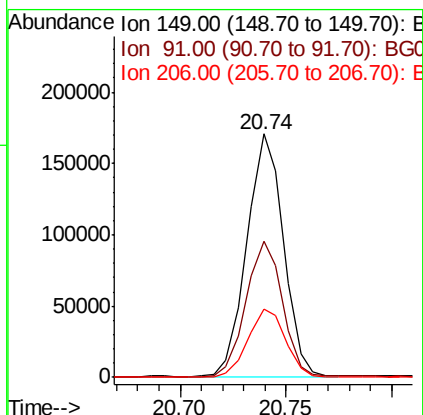
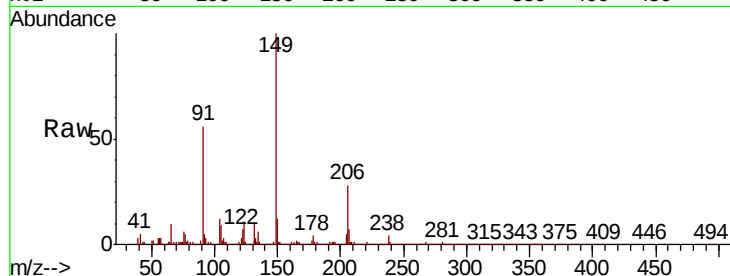




#80  
Butylbenzylphthalate  
Concen: 19.078 ng/ul  
RT: 20.74 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

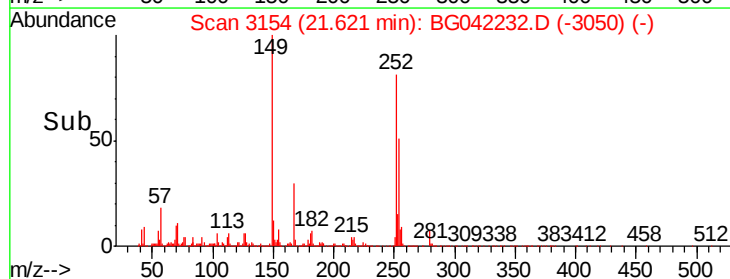
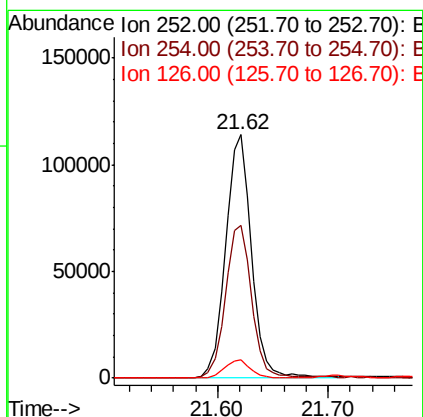
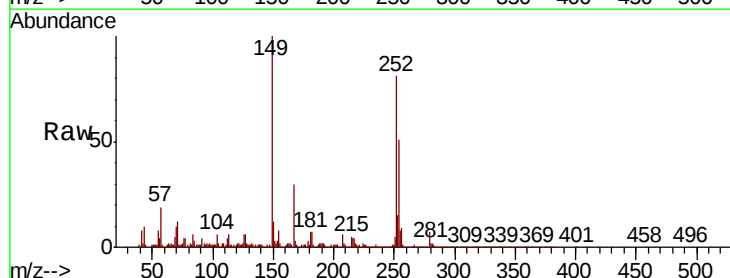
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

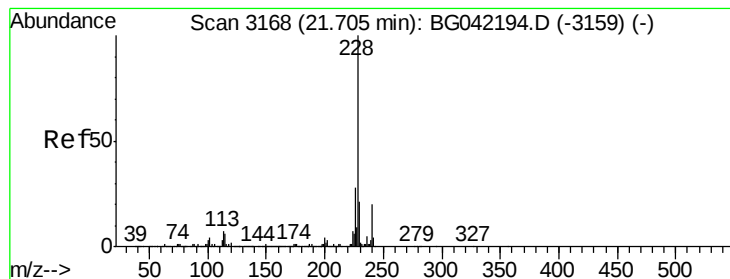
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 56.1  | 49.5  | 74.3  |
| 206     | 28.1  | 21.3  | 31.9  |



#81  
3,3'-Dichlorobenzidine  
Concen: 20.157 ng/ul  
RT: 21.62 min Scan# 3154  
Delta R.T. 0.01 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.9  | 53.1  | 79.7  |
| 126     | 7.5   | 6.9   | 10.3  |





#82

Benzo(a)anthracene

Concen: 20.309 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

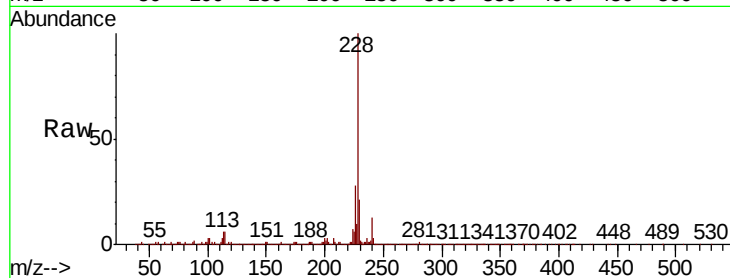
Tot Ion:228 Resp: 569228

Ion Ratio Lower Upper

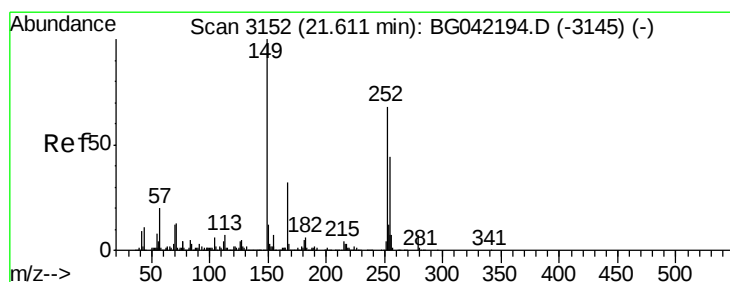
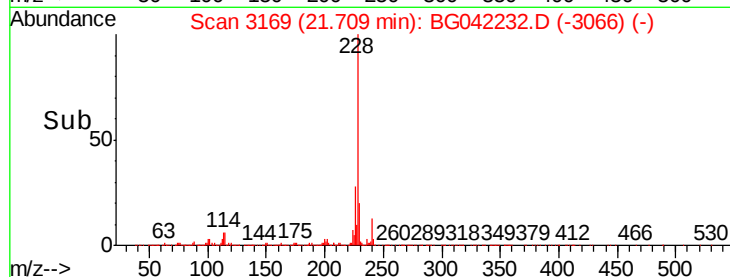
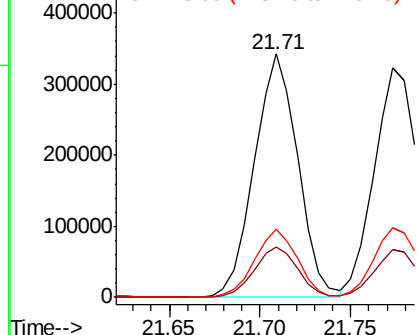
228 100

229 20.5 17.0 25.6

226 28.2 23.3 34.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.927 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

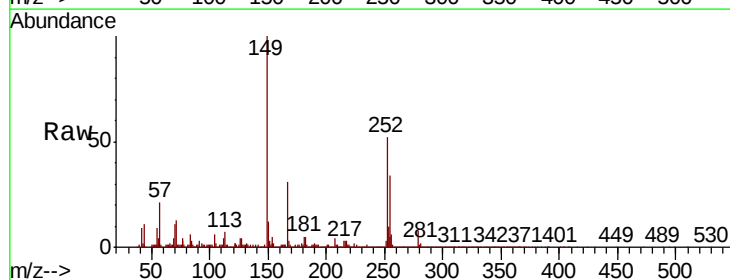
Tgt Ion:149 Resp: 290991

Ion Ratio Lower Upper

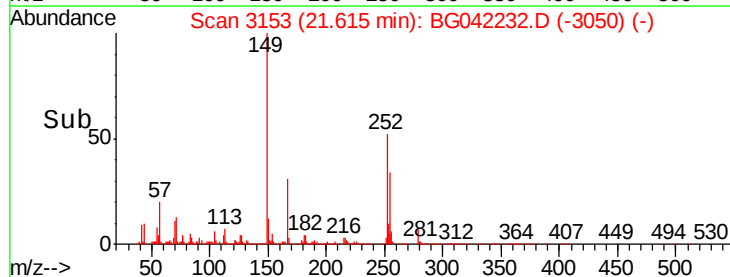
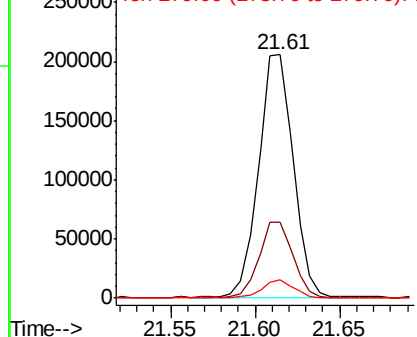
149 100

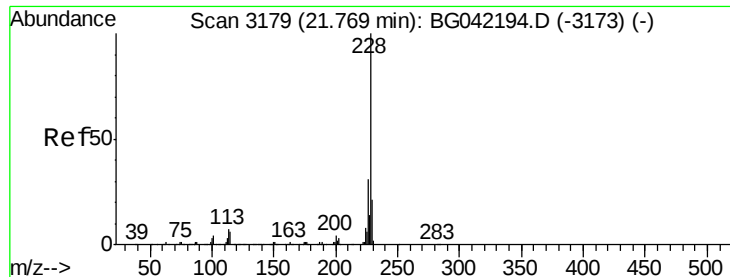
167 31.4 25.0 37.4

279 7.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.292 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

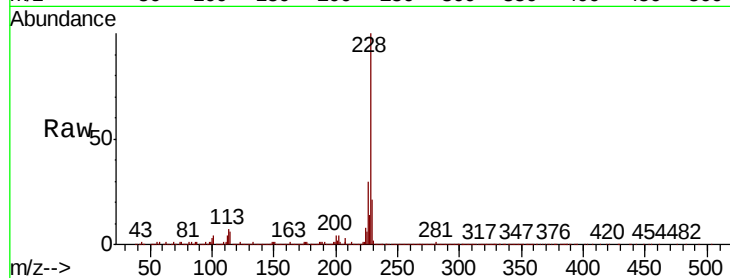
Tot Ion:228 Resp: 530826

Ion Ratio Lower Upper

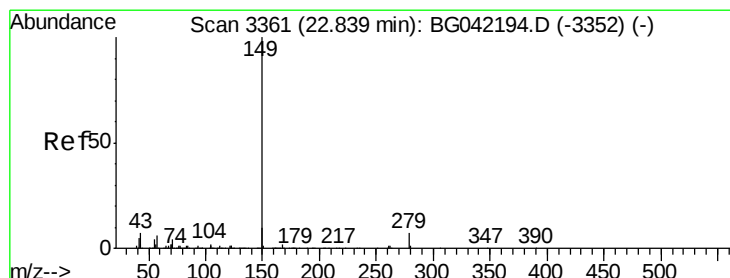
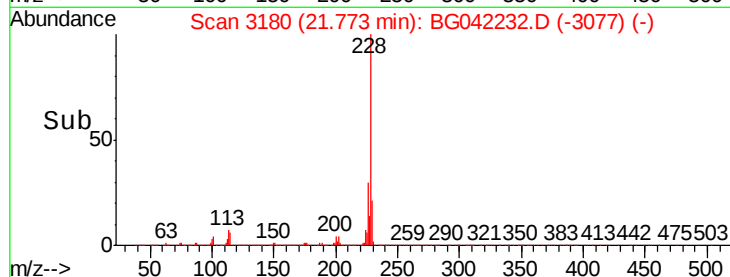
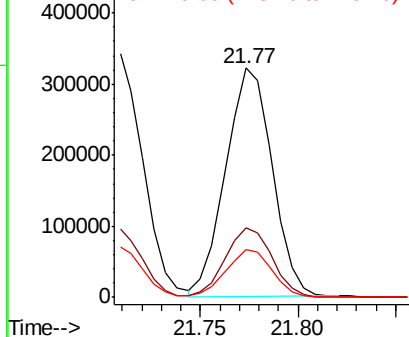
228 100

226 30.2 25.7 38.5

229 21.0 16.6 24.8



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



#86

Di-n-octyl phthalate

Concen: 21.379 ng/ul

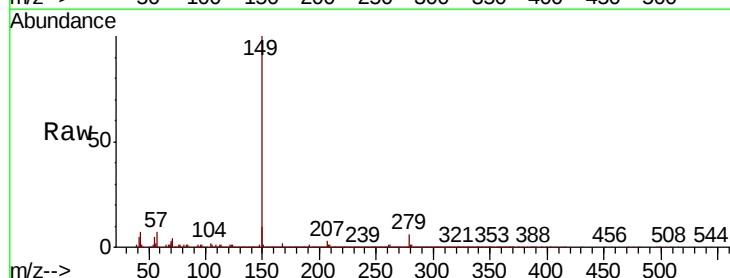
RT: 22.84 min Scan# 3362

Delta R.T. 0.00 min

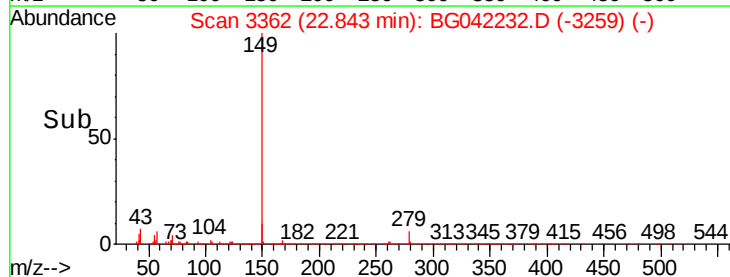
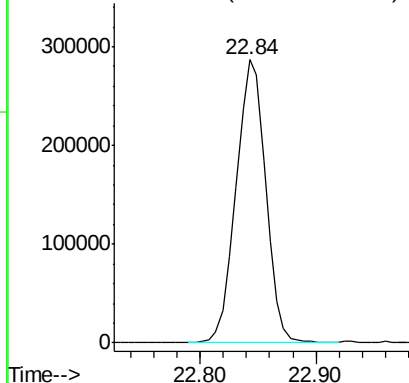
Lab File: BG042232.D

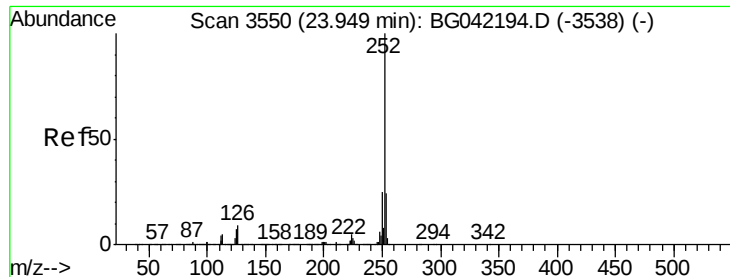
Acq: 15 Aug 2019 17:00

Tgt Ion:149 Resp: 505067



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 19.508 ng/ul

RT: 23.96 min Scan# 3553

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

Instrument :

BNA\_G

ClientSampleId :

SSTD02060

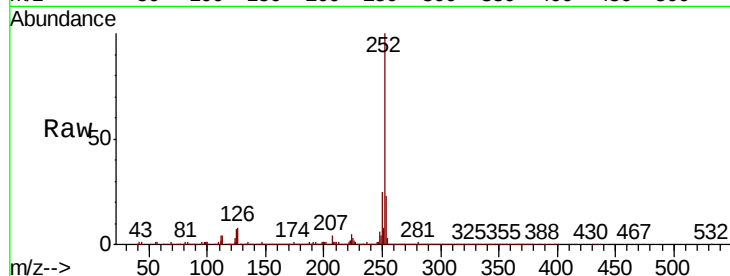
Tot Ion:252 Resp: 584557

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

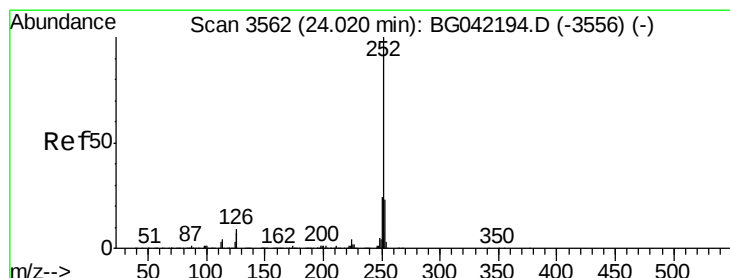
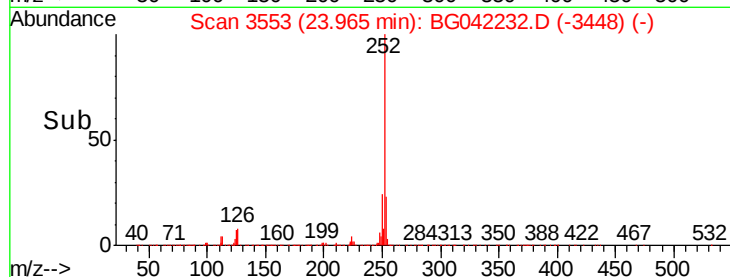
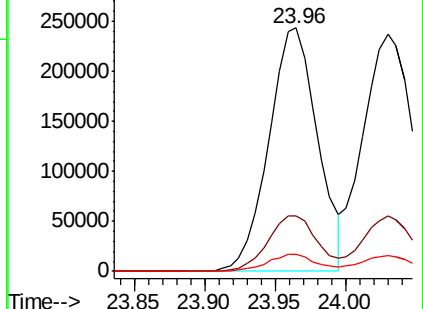
125 6.9 5.8 8.8



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



#88

Benzo(k)fluoranthene

Concen: 20.382 ng/ul

RT: 24.03 min Scan# 3564

Delta R.T. 0.02 min

Lab File: BG042232.D

Acq: 15 Aug 2019 17:00

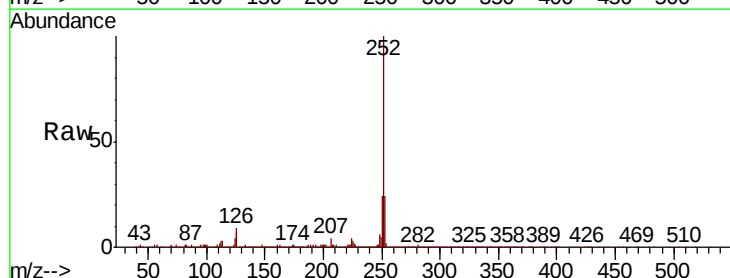
Tgt Ion:252 Resp: 587226

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

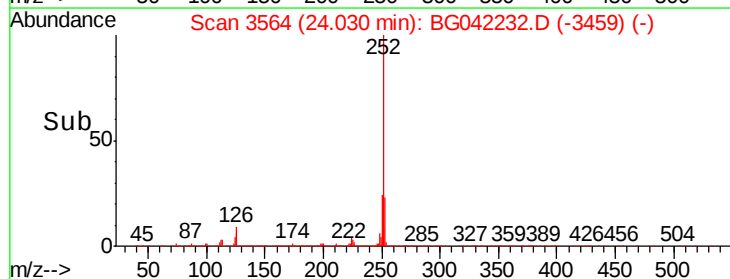
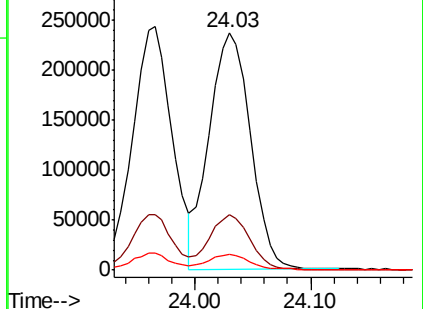
125 6.6 5.5 8.3

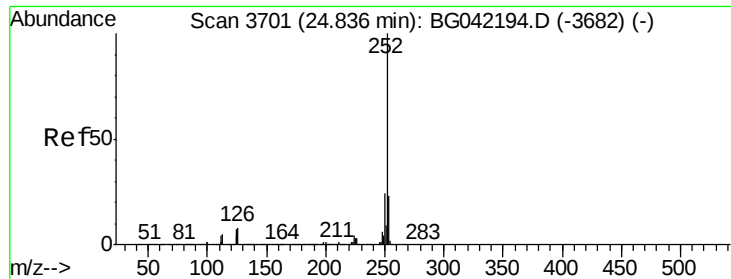


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

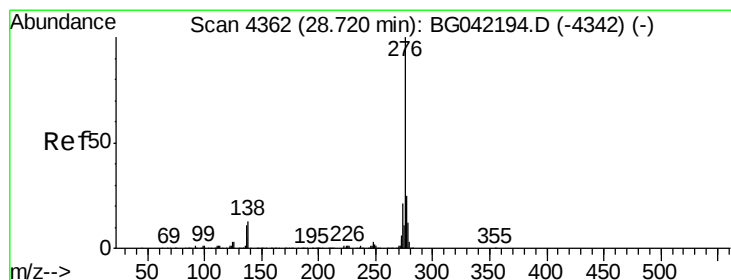
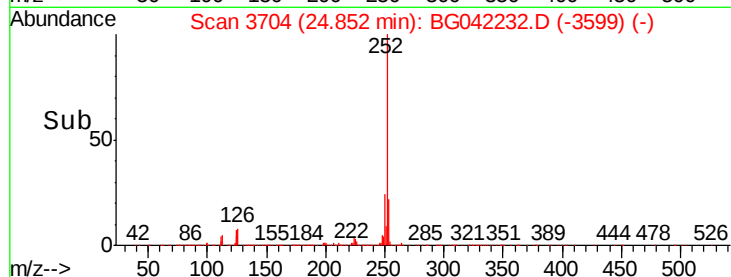
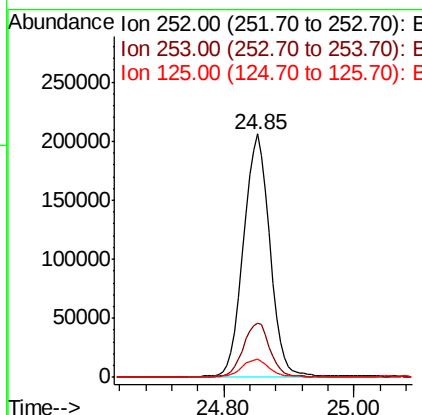
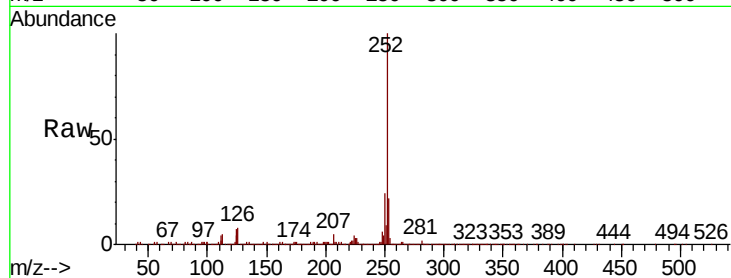




#90  
Benzo(a)pyrene  
Concen: 20.225 ng/ul  
RT: 24.85 min Scan# 3704  
Delta R.T. 0.02 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

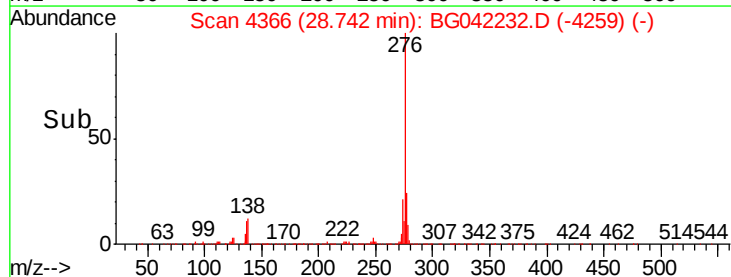
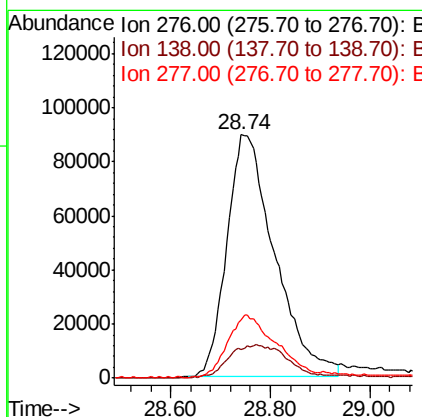
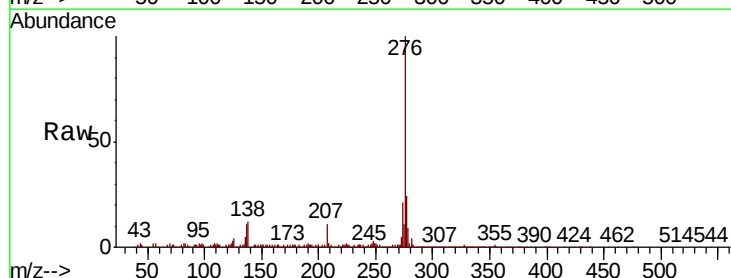
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

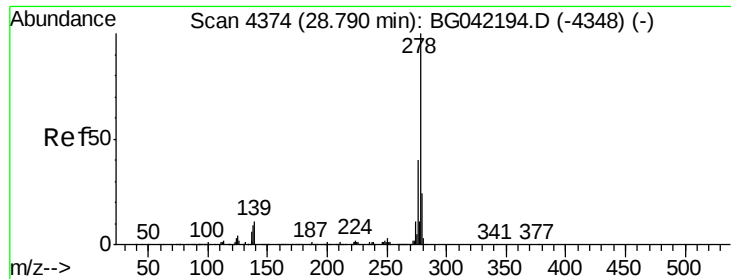
Tot Ion:252 Resp: 577519  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.3 27.5  
125 7.3 6.5 9.7



#91  
Indeno(1,2,3-cd)pyrene  
Concen: 18.009 ng/ul  
RT: 28.74 min Scan# 4366  
Delta R.T. 0.03 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Tgt Ion:276 Resp: 599803  
Ion Ratio Lower Upper  
276 100  
138 11.8 12.0 18.0#  
277 23.9 19.2 28.8

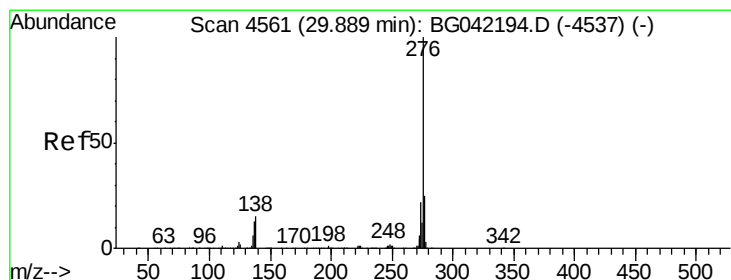
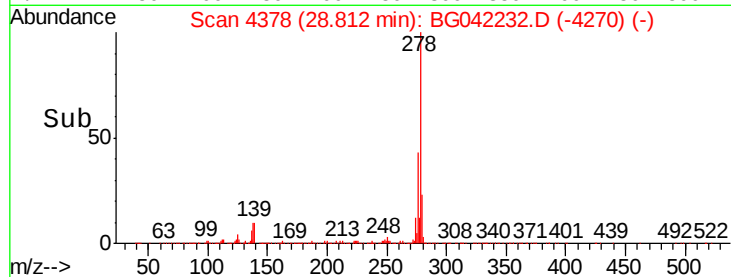
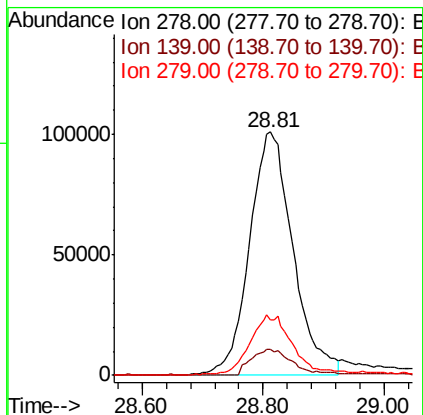
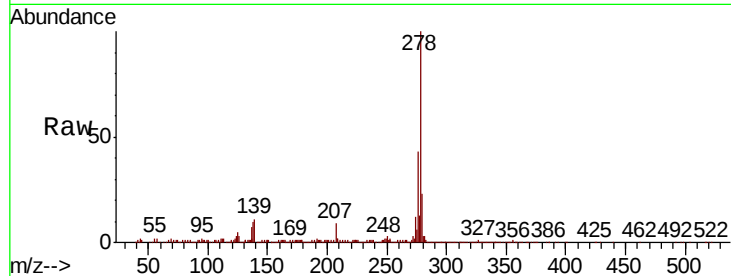




#92  
Dibenzo(a,h)anthracene  
Concen: 18.448 ng/ul  
RT: 28.81 min Scan# 4378  
Delta R.T. 0.03 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02060

Tot Ion:278 Resp: 501159  
Ion Ratio Lower Upper  
278 100  
139 10.7 9.4 14.0  
279 22.9 19.2 28.8



#93  
Benzo(g,h,i)perylene  
Concen: 15.826 ng/ul  
RT: 29.92 min Scan# 4567  
Delta R.T. 0.05 min  
Lab File: BG042232.D  
Acq: 15 Aug 2019 17:00

Tgt Ion:276 Resp: 440068  
Ion Ratio Lower Upper  
276 100  
138 13.8 12.6 18.8  
277 25.4 19.2 28.8

