

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\  
 Data File : BG019470.D  
 Acq On : 4 Nov 2015 2:29  
 Operator : UM/NP  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

Manual Integrations  
 APPROVED

Mmdadoda  
 11/4/2015 5:27:16 PM

Quant Time: Nov 04 03:06:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 04 02:23:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 42412    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 175841   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.81 | 164  | 135922   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.55 | 188  | 360358   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.84 | 240  | 455014   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.18 | 264  | 435780   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96  | 6846m  | 7.73  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.33  | 99  | 82420  | 21.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 53377  | 21.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 50721  | 20.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.89  | 113 | 64712  | 20.87 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.35  | 128 | 26134  | 20.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 31020  | 20.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165 | 66061  | 19.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.14 | 131 | 75100  | 22.31 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.20 | 166 | 221497 | 19.76 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.51 | 160 | 251586 | 20.27 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.00 | 143 | 35547  | 19.97 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.80 | 176 | 203790 | 19.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 200 | 46713  | 20.03 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.65 | 188 | 331502 | 20.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.93 | 212 | 384784 | 19.32 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.96 | 264 | 429718 | 19.65 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 8462   | 8.39  | ng/uL# | 84 |
| 4) Benzaldehyde                | 7.31  | 77  | 60342  | 23.83 | ng/ul  | 95 |
| 6) Phenol                      | 7.36  | 94  | 87518  | 21.10 | ng/ul  | 99 |
| 8) Bis(2-Chloroethyl)ether     | 7.59  | 93  | 60488  | 21.23 | ng/ul  | 93 |
| 10) 2-Chlorophenol             | 7.75  | 128 | 51140  | 20.44 | ng/ul  | 95 |
| 11) 2-Methylphenol             | 8.62  | 108 | 64185  | 20.92 | ng/ul  | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.72  | 45  | 51119  | 22.38 | ng/ul  | 94 |
| 14) Acetophenone               | 9.01  | 105 | 107975 | 20.74 | ng/ul  | 90 |
| 15) N-Nitroso-di-n-propylamine | 8.99  | 70  | 67379  | 19.75 | ng/ul# | 90 |
| 16) 4-Methylphenol             | 8.95  | 108 | 70976  | 21.19 | ng/ul  | 98 |
| 17) Hexachloroethane           | 9.28  | 117 | 24613  | 18.83 | ng/ul  | 96 |
| 20) Nitrobenzene               | 9.40  | 77  | 102010 | 20.19 | ng/ul  | 96 |
| 21) Isophorone                 | 9.92  | 82  | 185418 | 20.26 | ng/ul  | 97 |
| 23) 2-Nitrophenol              | 10.11 | 139 | 33738  | 19.36 | ng/ul# | 84 |
| 24) 2,4-Dimethylphenol         | 10.17 | 107 | 88341  | 19.41 | ng/ul  | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.40 | 93  | 88961  | 20.53 | ng/ul  | 95 |
| 27) 2,4-Dichlorophenol         | 10.65 | 162 | 65126  | 20.48 | ng/ul# | 94 |
| 28) Naphthalene                | 11.06 | 128 | 174731 | 19.86 | ng/ul# | 94 |
| 30) 4-Chloroaniline            | 11.17 | 127 | 77060  | 21.83 | ng/ul  | 95 |
| 31) Hexachlorobutadiene        | 11.34 | 225 | 63250  | 19.46 | ng/ul  | 91 |
| 32) Caprolactam                | 11.91 | 113 | 22610m | 19.84 | ng/ul  |    |
| 33) 4-Chloro-3-methylphenol    | 12.28 | 107 | 87849  | 20.58 | ng/ul# | 97 |
| 34) 2-Methylnaphthalene        | 12.65 | 142 | 139008 | 19.66 | ng/ul  | 98 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\  
 Data File : BG019470.D  
 Acq On : 4 Nov 2015 2:29  
 Operator : UM/NP  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

Manual Integrations  
 APPROVED

Mmdadoda  
 11/4/2015 5:27:16 PM

Quant Time: Nov 04 03:06:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 04 02:23:38 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.87 | 142  | 137672   | 20.58 | ng/ul  | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.02 | 216  | 111397   | 19.88 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 12.99 | 237  | 66629    | 16.03 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 13.25 | 196  | 68671    | 20.74 | ng/ul  | 93       |
| 40) 2,4,5-Trichlorophenol      | 13.33 | 196  | 74792    | 20.58 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.65 | 154  | 197636   | 20.57 | ng/ul# | 96       |
| 42) 2-Chloronaphthalene        | 13.69 | 162  | 153722   | 20.51 | ng/ul  | 95       |
| 43) 2-Nitroaniline             | 13.89 | 65   | 67993    | 21.21 | ng/ul  | 92       |
| 45) Dimethylphthalate          | 14.26 | 163  | 221568   | 19.33 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.38 | 165  | 45223    | 19.49 | ng/ul  | 95       |
| 48) Acenaphthylene             | 14.54 | 152  | 251550   | 19.78 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.71 | 138  | 42399    | 21.23 | ng/ul  | 86       |
| 50) Acenaphthene               | 14.87 | 153  | 171987   | 20.03 | ng/ul  | 96       |
| 51) 2,4-Dinitrophenol          | 14.91 | 184  | 30812    | 17.66 | ng/ul  | 84       |
| 53) 4-Nitrophenol              | 15.01 | 109  | 51559    | 18.57 | ng/ul# | 75       |
| 54) Dibenzofuran               | 15.21 | 168  | 249532   | 19.73 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.16 | 165  | 69860    | 19.07 | ng/ul# | 84       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.43 | 232  | 74489    | 19.60 | ng/ul# | 98       |
| 57) Diethylphthalate           | 15.61 | 149  | 218076   | 19.27 | ng/ul  | 98       |
| 59) Fluorene                   | 15.85 | 166  | 215505   | 19.54 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 124554   | 19.00 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 44323    | 19.32 | ng/ul  | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 48385    | 19.18 | ng/ul# | 98       |
| 65) N-Nitrosodiphenylamine     | 16.05 | 169  | 190506   | 20.44 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 85644    | 20.00 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 92226    | 20.29 | ng/ul  | 94       |
| 68) Atrazine                   | 16.99 | 200  | 93795    | 20.30 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.19 | 266  | 53316    | 19.87 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.59 | 178  | 363467   | 19.98 | ng/ul  | 97       |
| 72) Anthracene                 | 17.69 | 178  | 372616   | 20.10 | ng/ul  | 96       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.62 | 216  | 113175   | 21.68 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 15.13 | 250  | 108435   | 20.60 | ng/uL  | 94       |
| 75) Carbazole                  | 17.95 | 167  | 308580   | 20.86 | ng/ul  | 96       |
| 76) Di-n-butylphthalate        | 18.49 | 149  | 367796   | 20.06 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.59 | 202  | 483036   | 20.52 | ng/ul# | 95       |
| 80) Pvrene                     | 19.96 | 202  | 497409   | 19.48 | ng/ul# | 95       |
| 81) Butylbenzylphthalate       | 20.82 | 149  | 170207   | 20.51 | ng/ul  | 94       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 182395   | 20.46 | ng/ul# | 93       |
| 83) Benzo(a)anthracene         | 21.81 | 228  | 531627   | 20.06 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 246064   | 20.87 | ng/ul  | 98       |
| 85) Chrysene                   | 21.88 | 228  | 481264   | 19.36 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.95 | 149  | 413588   | 20.96 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.12 | 252  | 496609   | 19.32 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 24.19 | 252  | 493091   | 19.93 | ng/ul# | 99       |
| 91) Benzo(a)pyrene             | 25.03 | 252  | 489969   | 19.84 | ng/ul# | 95       |
| 92) Indeno(1,2,3-cd)pyrene     | 29.03 | 276  | 553308   | 19.89 | ng/ul# | 98       |
| 93) Dibenzo(a,h)anthracene     | 29.09 | 278  | 448225   | 19.30 | ng/ul  | 96       |
| 94) Benzo(a,h,i)perylene       | 30.23 | 276  | 440949   | 20.89 | ng/ul# | 91       |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\  
Data File : BG019470.D  
Acq On : 4 Nov 2015 2:29  
Operator : UM/NP  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

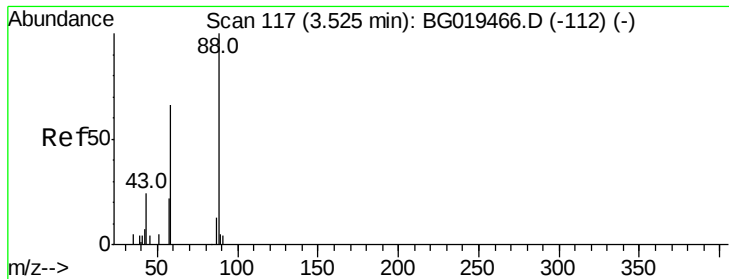
Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM

Quant Time: Nov 04 03:06:53 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 04 02:23:38 2015  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.39 ng/uL

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

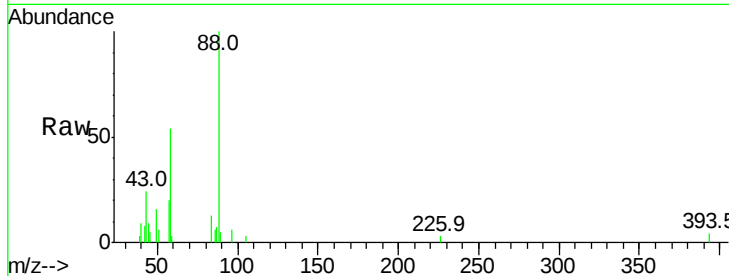
ClientSampleId :

SSTD02031

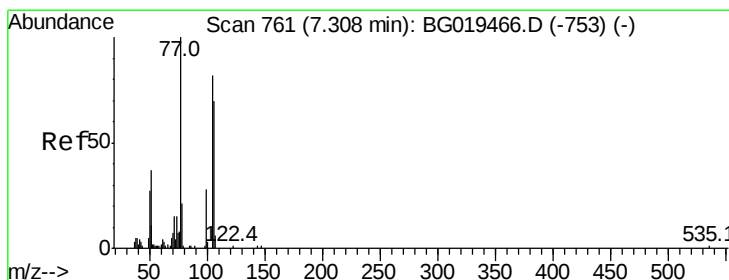
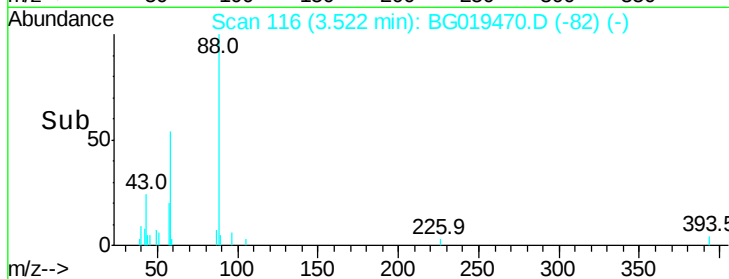
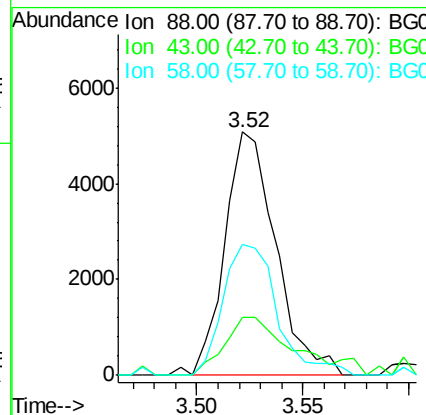
Manual Integrations  
APPROVED

Mmdadoda

11/4/2015 5:27:16 PM



| Tot Ion | 88    | Resp  | 8462  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 24.0  | 29.8  | 44.8# |
| 58      | 53.7  | 50.3  | 75.5  |



#4

Benzaldehyde

Concen: 23.83 ng/uL

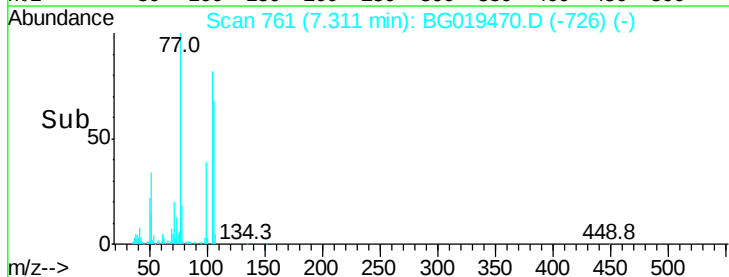
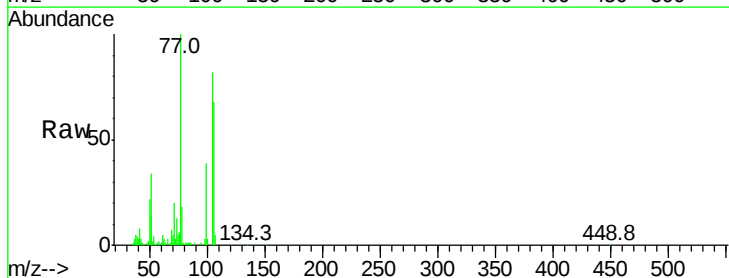
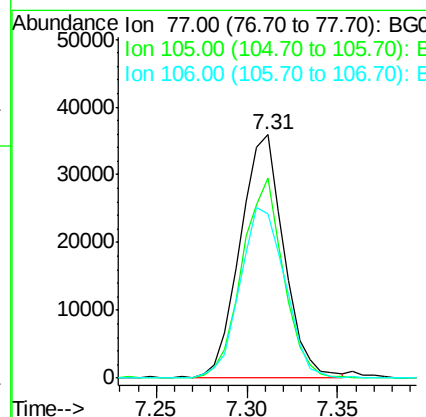
RT: 7.31 min Scan# 761

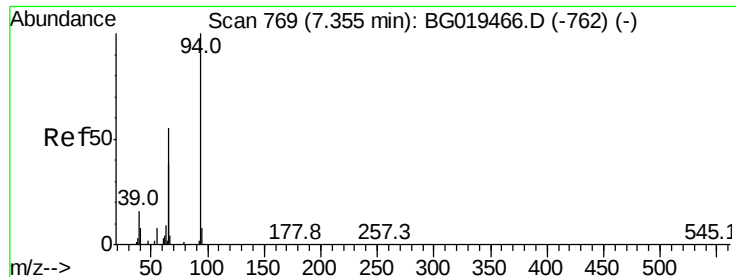
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

| Tgt Ion | 77    | Resp  | 60342 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 77      | 100   |       |       |
| 105     | 82.2  | 61.6  | 92.4  |
| 106     | 67.5  | 56.4  | 84.6  |





#6

Phenol

Concen: 21.10 ng/ul

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

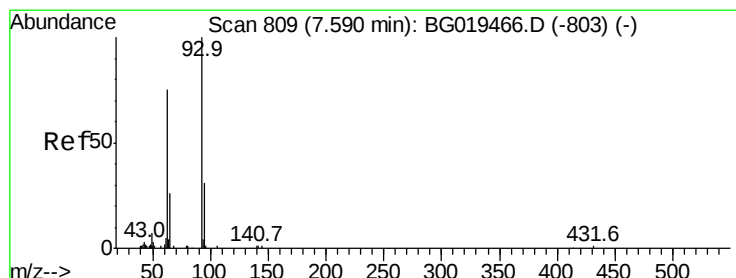
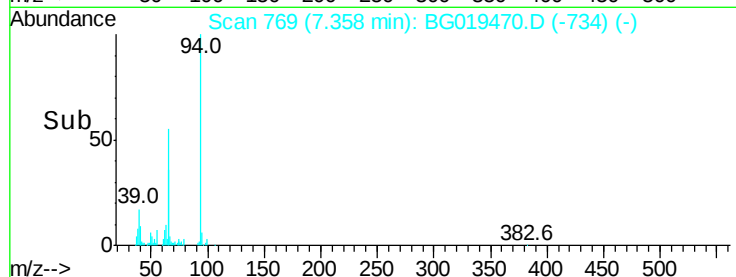
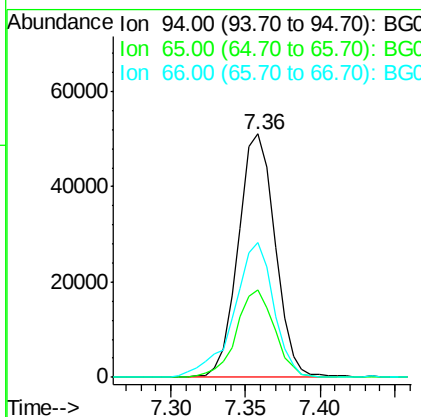
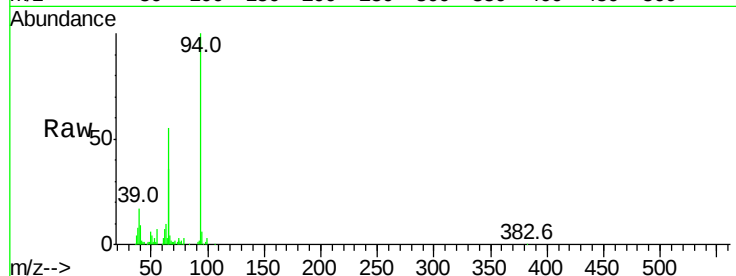
SSTD02031

Manual Integrations  
APPROVED

Mmdadoda

11/4/2015 5:27:16 PM

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 87518 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 36.0  | 29.3  | 43.9  |
| 66        | 55.5  | 45.0  | 67.6  |



#8

Bis(2-Chloroethyl)ether

Concen: 21.23 ng/ul

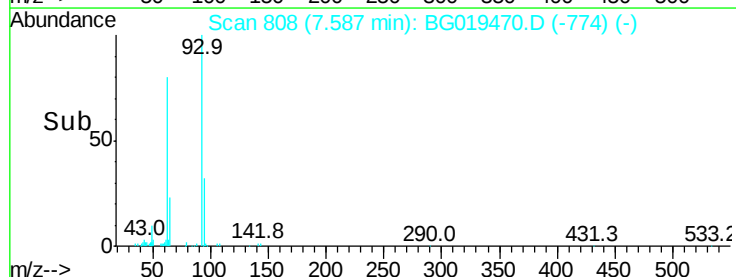
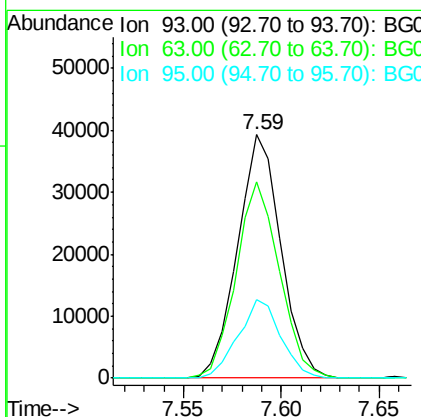
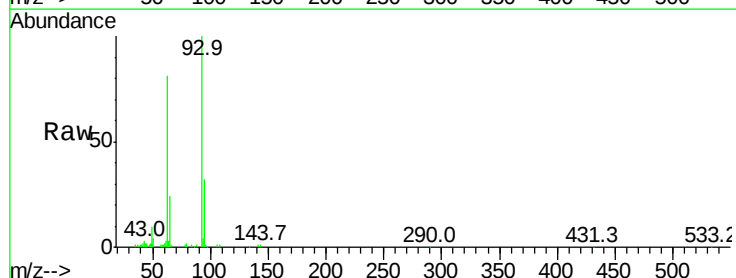
RT: 7.59 min Scan# 808

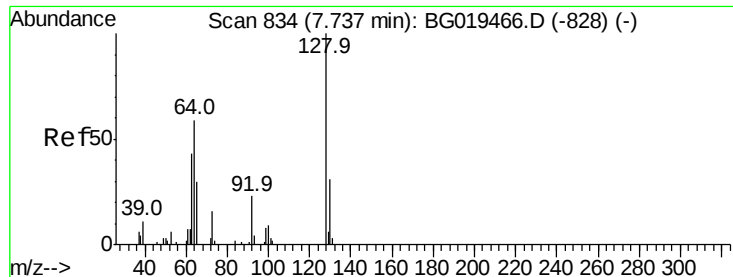
Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 60488 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 80.5  | 57.8  | 86.6  |
| 95        | 32.4  | 25.6  | 38.4  |





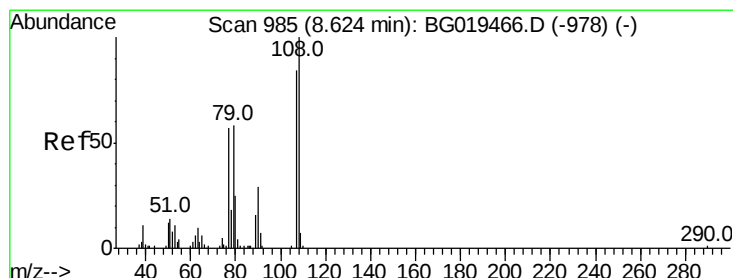
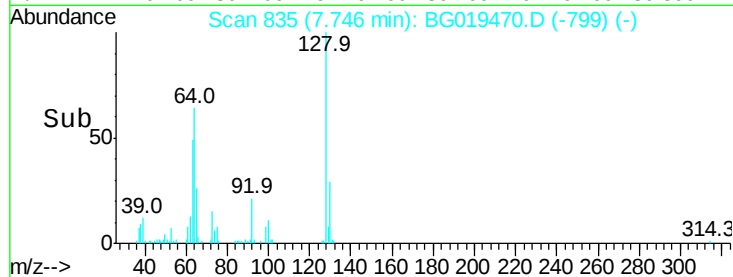
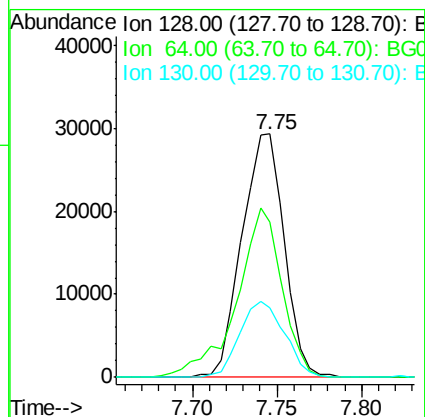
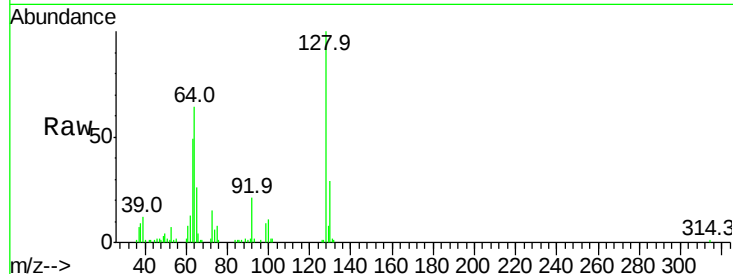
#10  
2-Chlorophenol  
Concen: 20.44 ng/ul  
RT: 7.75 min Scan# 835  
Delta R.T. 0.01 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 51140 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 64        | 63.6  | 53.2  | 79.8  |
| 130       | 28.6  | 25.9  | 38.9  |

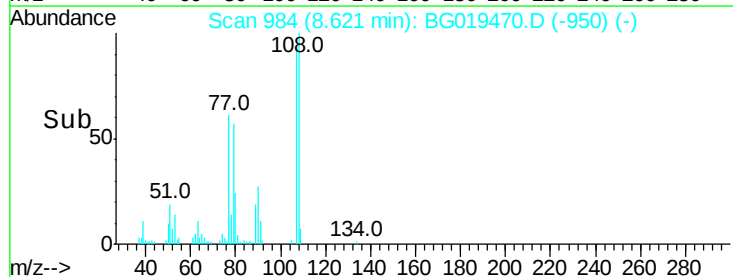
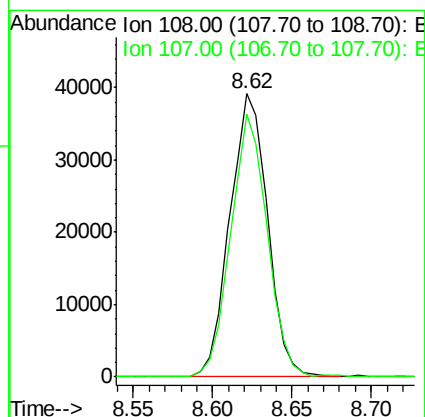
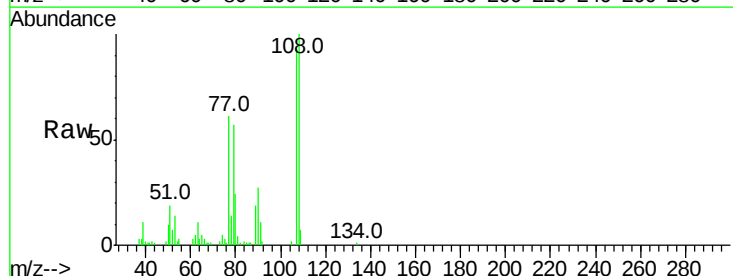
Manual Integrations  
APPROVED

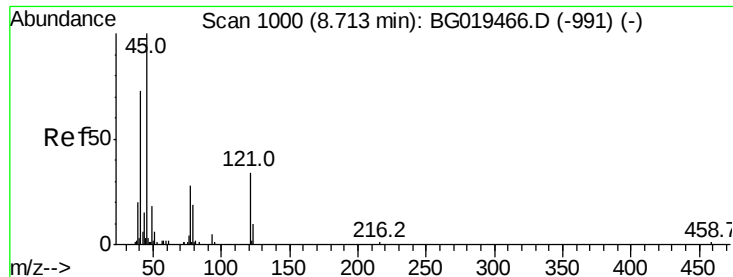
Mmdadoda  
11/4/2015 5:27:16 PM



#11  
2-Methylphenol  
Concen: 20.92 ng/ul  
RT: 8.62 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 64185 |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 92.7  | 71.2  | 106.8 |





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 22.38 ng/ul

RT: 8.72 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

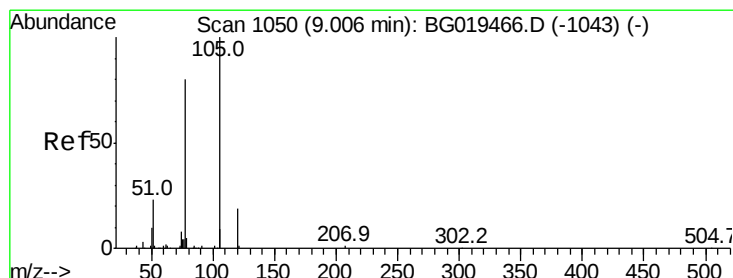
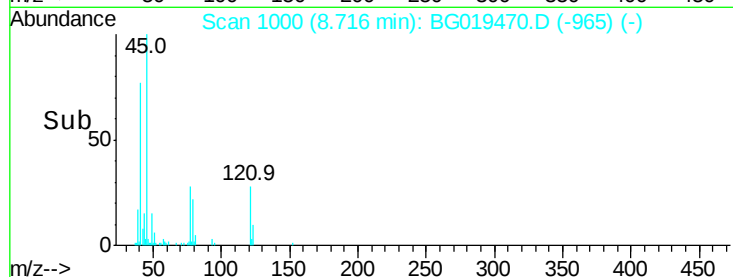
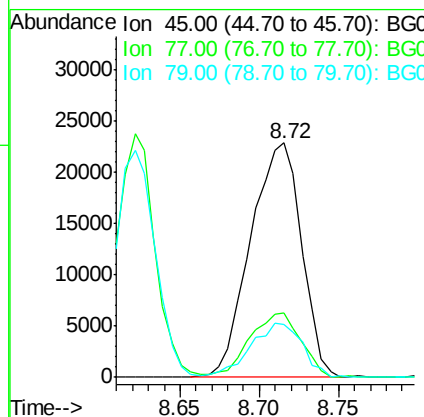
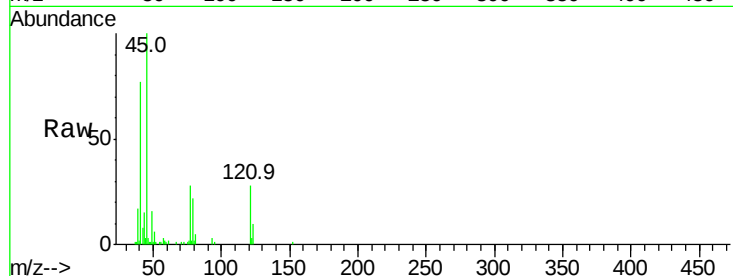
SSTD02031

Manual Integrations  
APPROVED

Mmdadoda

11/4/2015 5:27:16 PM

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 27.5  | 26.2  | 39.2  |
| 79      | 22.4  | 18.6  | 28.0  |



#14

Acetophenone

Concen: 20.74 ng/ul

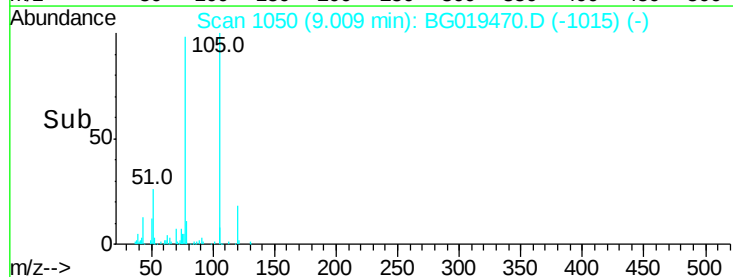
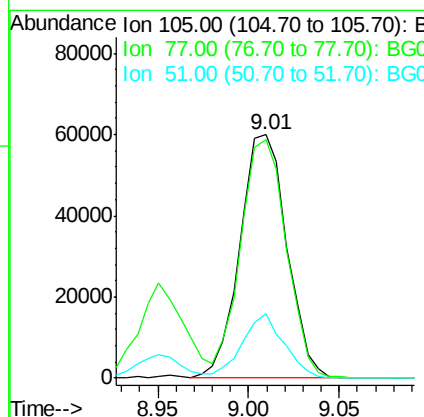
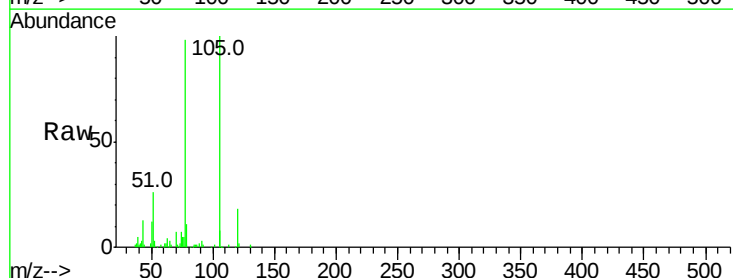
RT: 9.01 min Scan# 1050

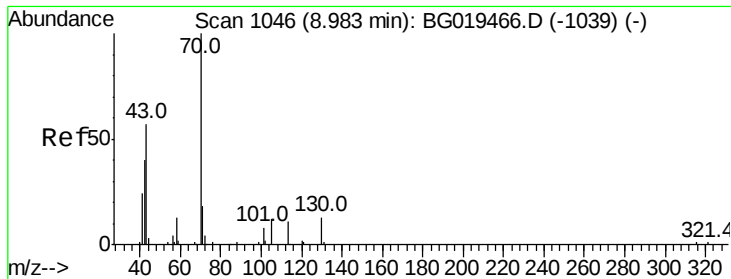
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 98.2  | 69.5  | 104.3 |
| 51      | 26.4  | 21.8  | 32.6  |





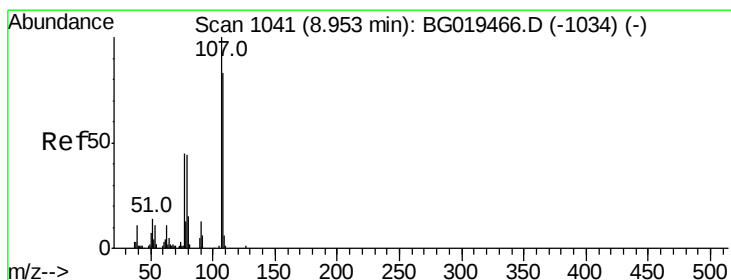
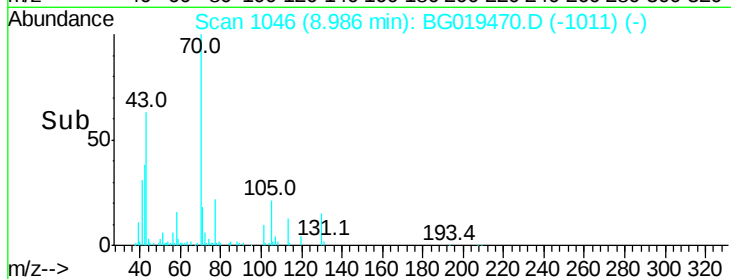
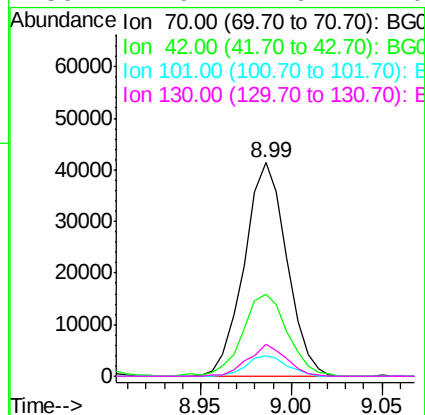
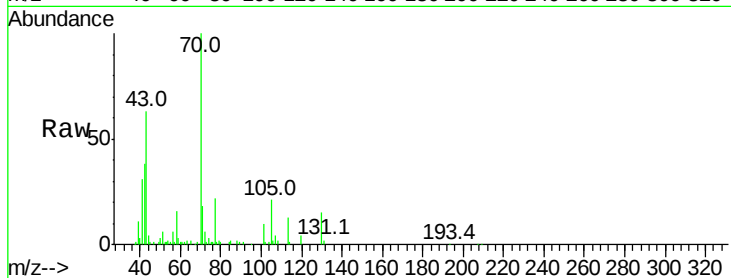
#15  
N-Nitroso-di-n-propylamine  
Concen: 19.75 ng/ul  
RT: 8.99 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 38.2 | 36.6  | 55.0  |       |
| 101     | 9.5  | 5.8   | 8.8#  |       |
| 130     | 14.9 | 14.6  | 22.0  |       |

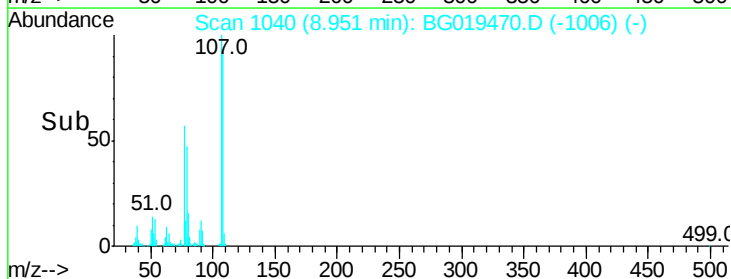
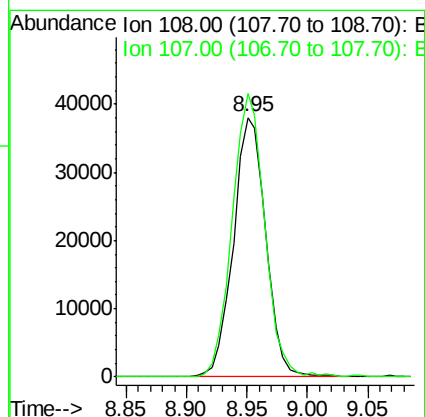
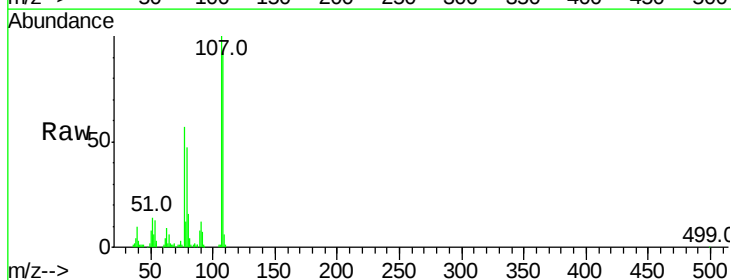
Manual Integrations  
APPROVED

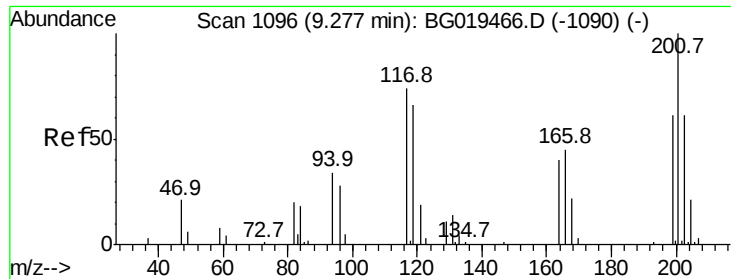
Mmdadoda  
11/4/2015 5:27:16 PM



#16  
4-Methylphenol  
Concen: 21.19 ng/ul  
RT: 8.95 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 109.3 | 85.4  | 128.2 |       |





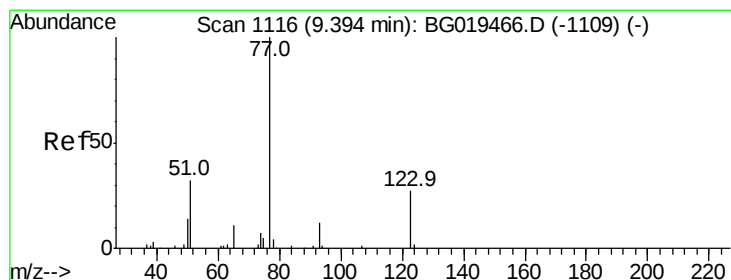
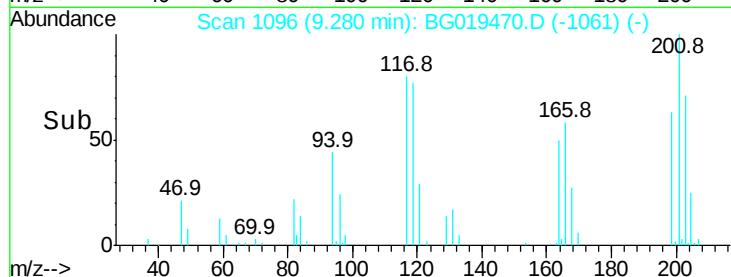
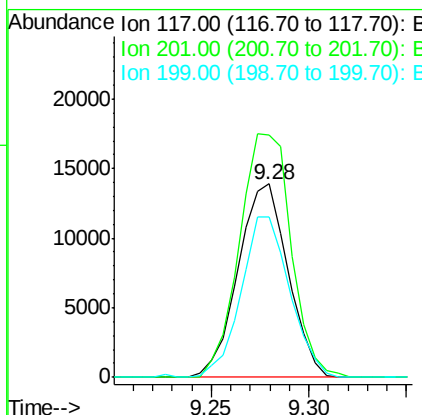
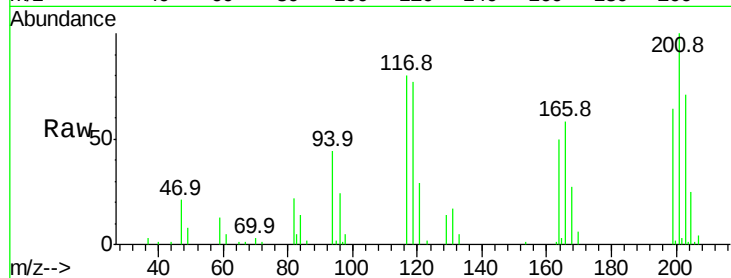
#17  
Hexachloroethane  
Concen: 18.83 ng/ul  
RT: 9.28 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 125.1 | 101.4 | 152.0 |
| 199     | 83.2  | 71.7  | 107.5 |

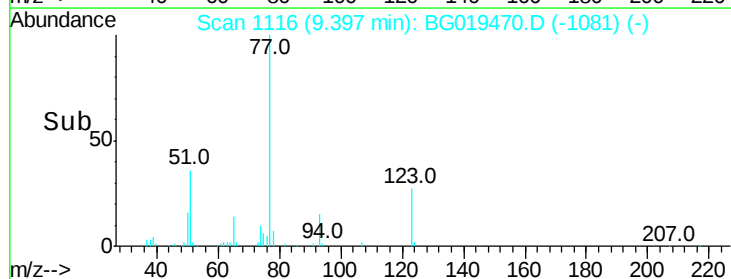
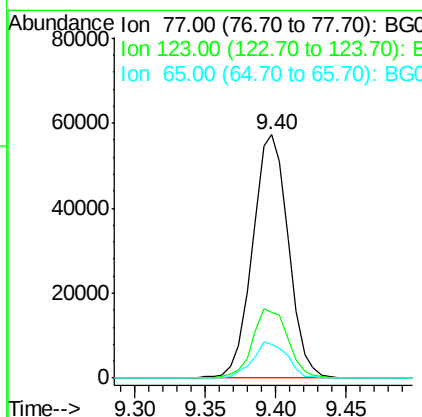
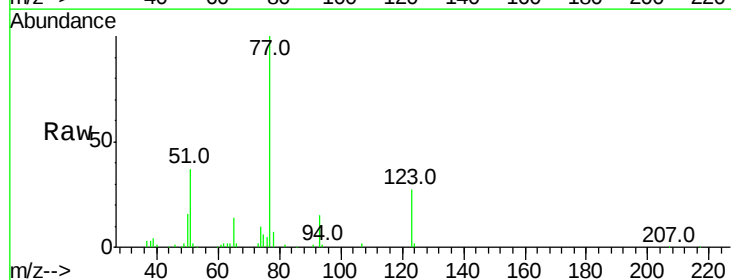
Manual Integrations  
APPROVED

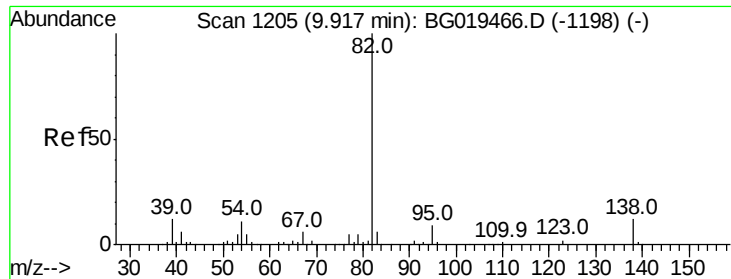
Mmdadoda  
11/4/2015 5:27:16 PM



#20  
Nitrobenzene  
Concen: 20.19 ng/ul  
RT: 9.40 min Scan# 1116  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 27.0  | 23.4  | 35.2  |
| 65      | 13.6  | 11.6  | 17.4  |





#21

Isophorone

Concen: 20.26 ng/ul

RT: 9.92 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

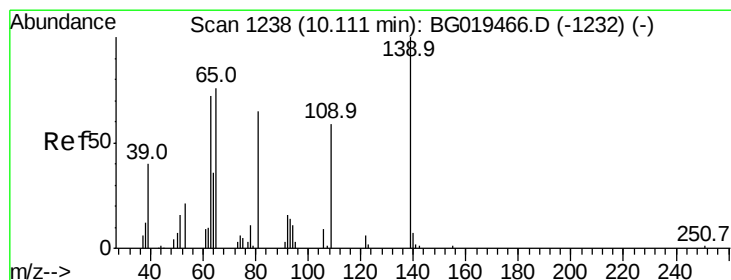
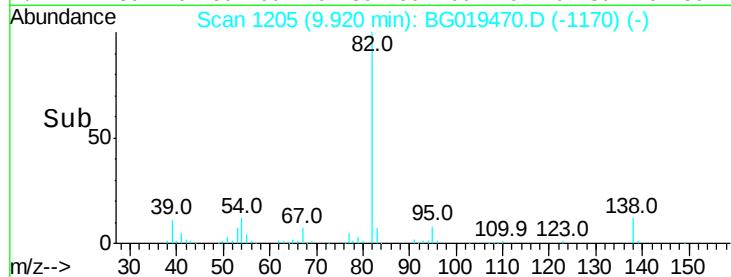
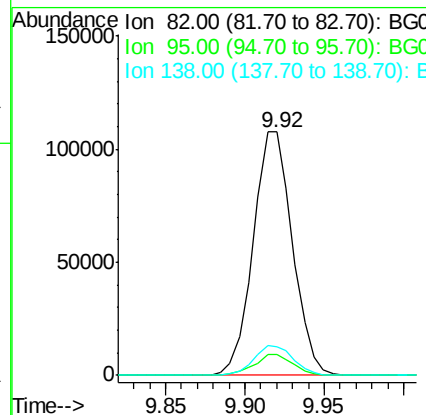
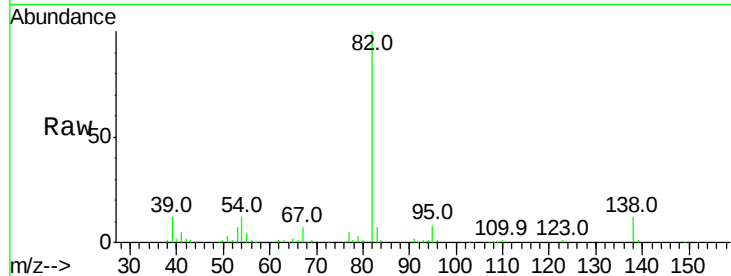
ClientSampleId :

SSTD02031

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 185418 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.3   | 6.7   | 10.1   |
| 138       | 11.8  | 10.8  | 16.2   |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#23

2-Nitrophenol

Concen: 19.36 ng/ul

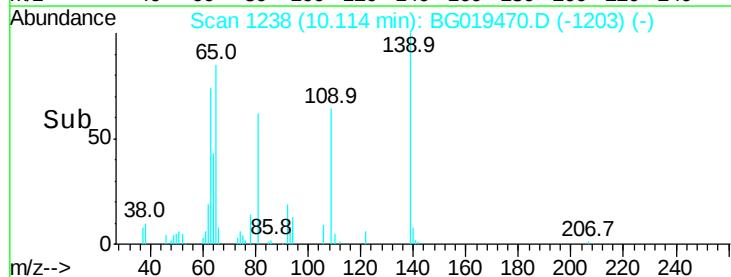
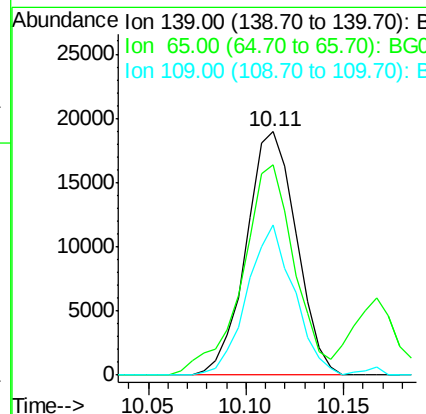
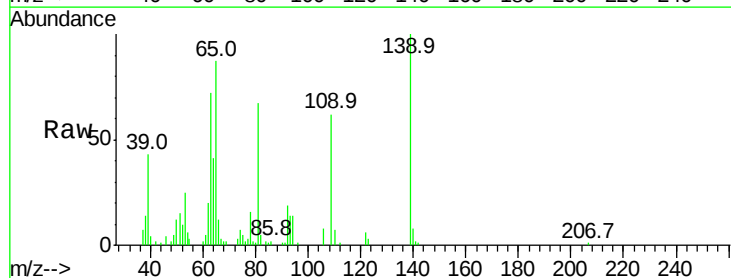
RT: 10.11 min Scan# 1238

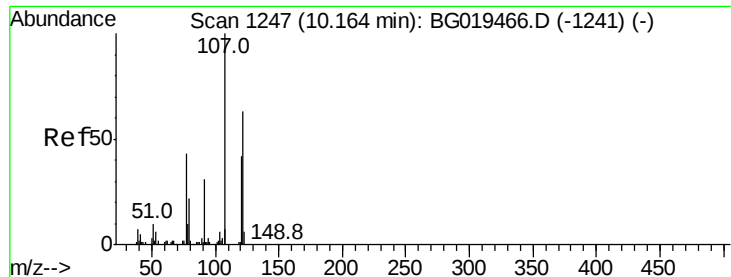
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 33738 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 65        | 86.6  | 51.0  | 76.4# |
| 109       | 61.7  | 50.6  | 75.8  |





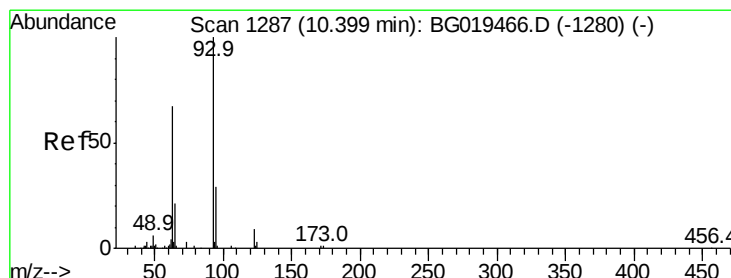
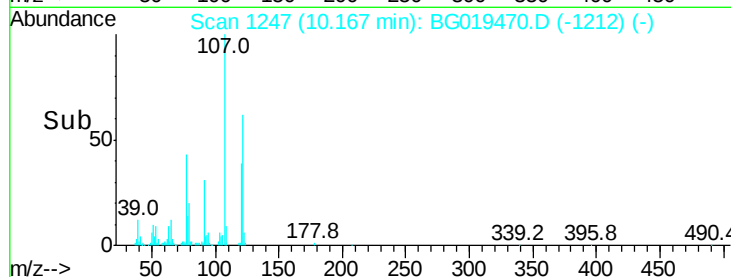
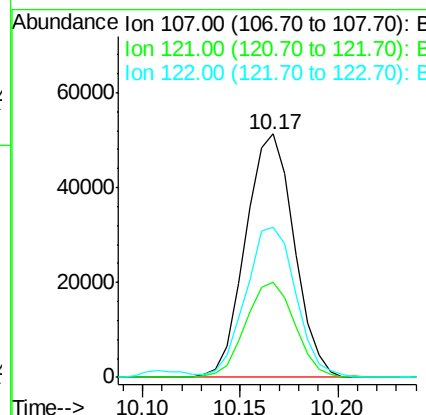
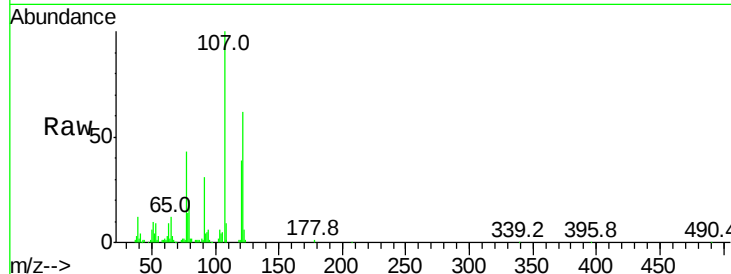
#24  
 2,4-Dimethylphenol  
 Concen: 19.41 ng/ul  
 RT: 10.17 min Scan# 1247  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 121     | 39.0  | 33.0       | 49.4  |
| 122     | 61.8  | 54.2       | 81.2  |

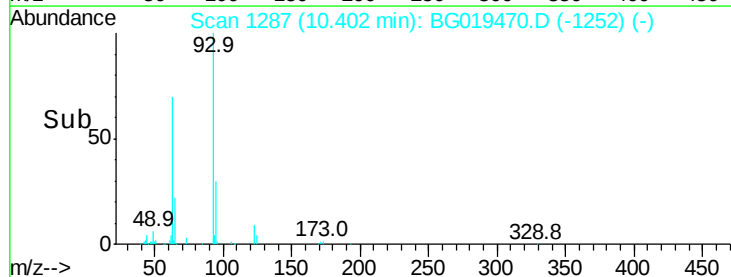
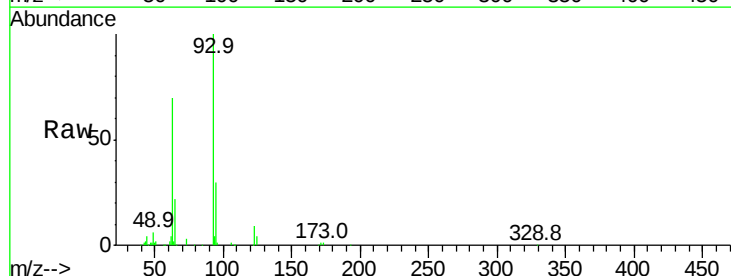
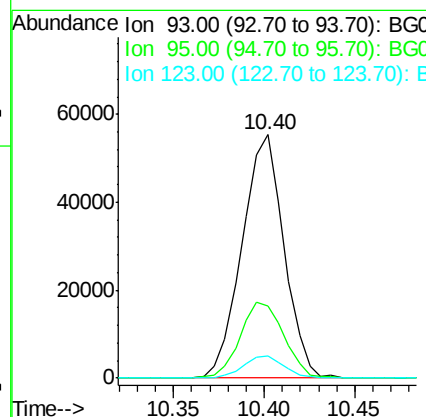
Manual Integrations  
 APPROVED

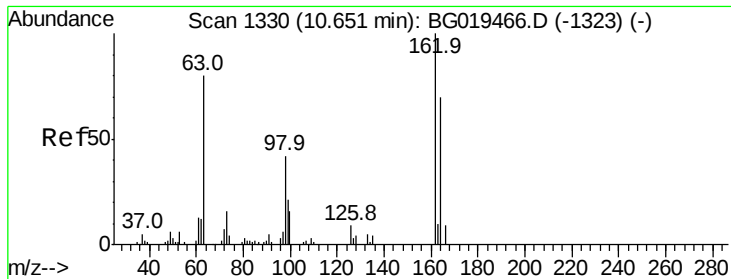
Mmdadoda  
 11/4/2015 5:27:16 PM



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.53 ng/ul  
 RT: 10.40 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 95      | 29.5  | 26.1       | 39.1  |
| 123     | 9.2   | 8.2        | 12.2  |





#27

2,4-Dichlorophenol

Concen: 20.48 ng/ul

RT: 10.65 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02031

Tot Ion:162 Resp: 65126

Ion Ratio Lower Upper

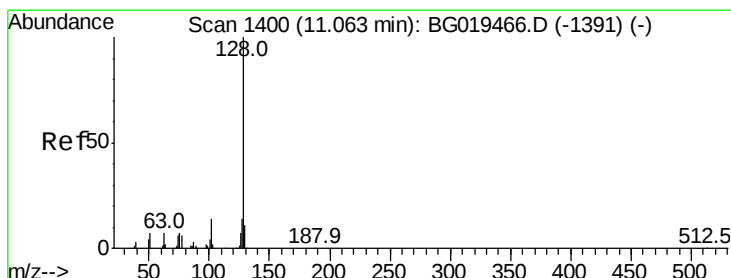
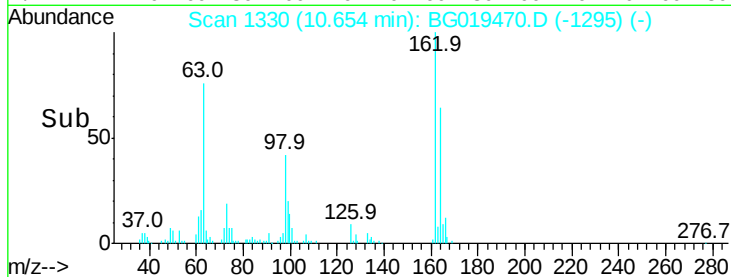
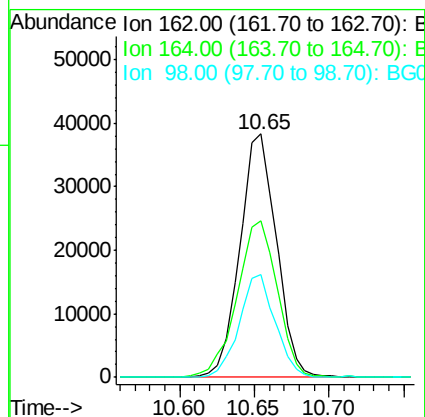
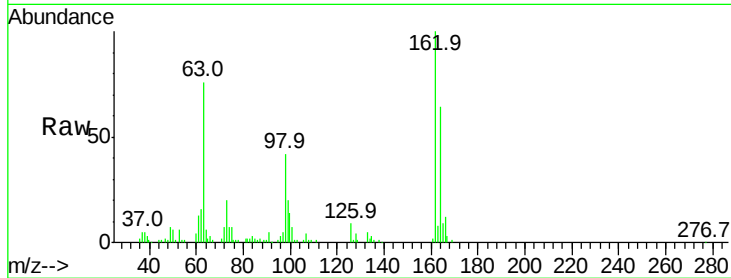
162 100

164 64.1 52.1 78.1

98 42.3 26.9 40.3#

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#28

Naphthalene

Concen: 19.86 ng/ul

RT: 11.06 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

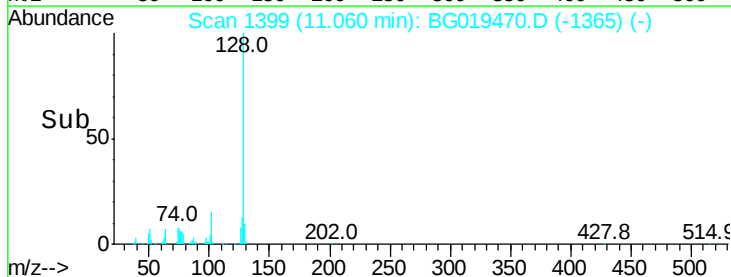
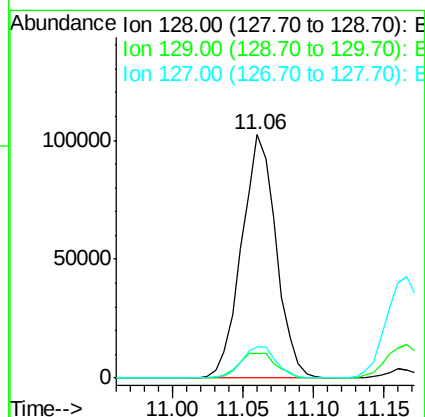
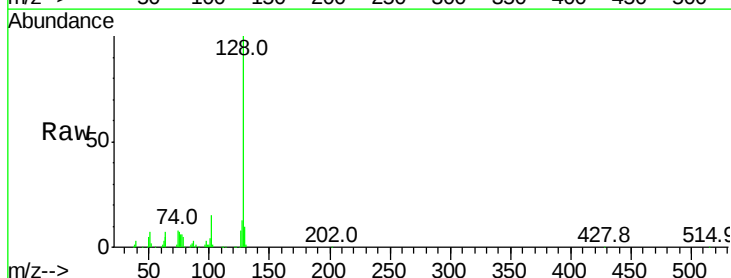
Tgt Ion:128 Resp: 174731

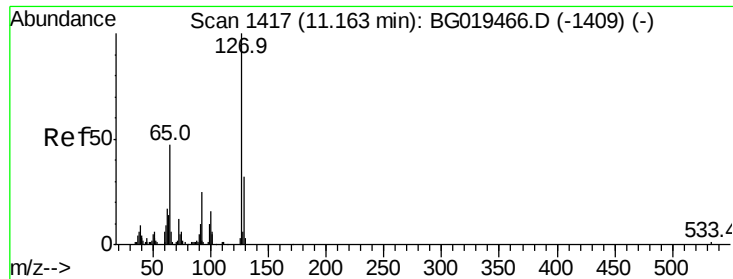
Ion Ratio Lower Upper

128 100

129 10.0 8.9 13.3

127 12.9 13.1 19.7#





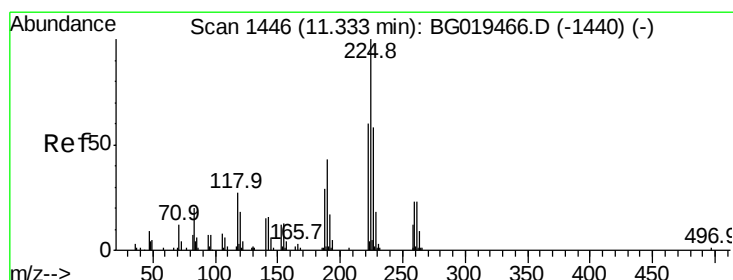
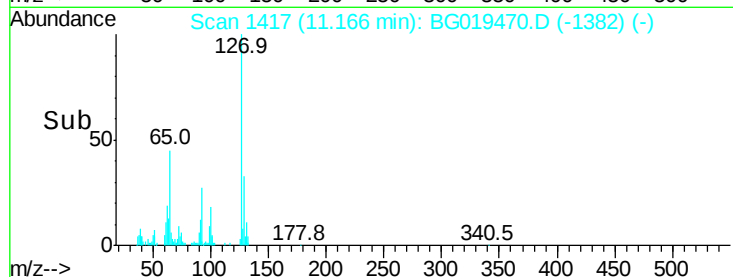
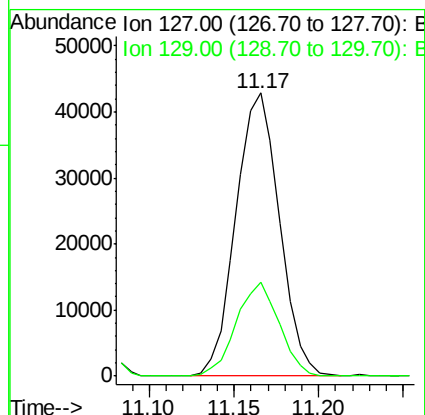
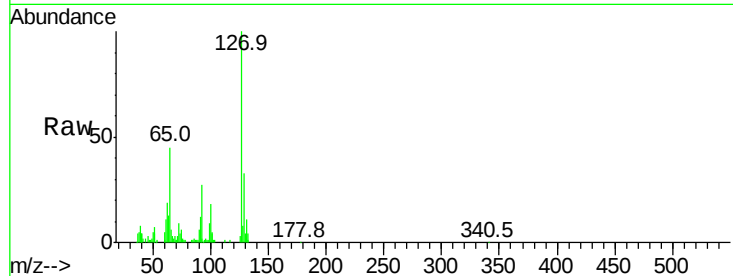
#30  
4-Chloroaniline  
Concen: 21.83 ng/ul  
RT: 11.17 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.4  | 24.6  | 36.8  |

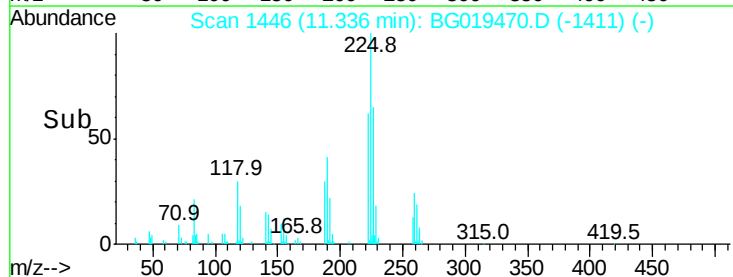
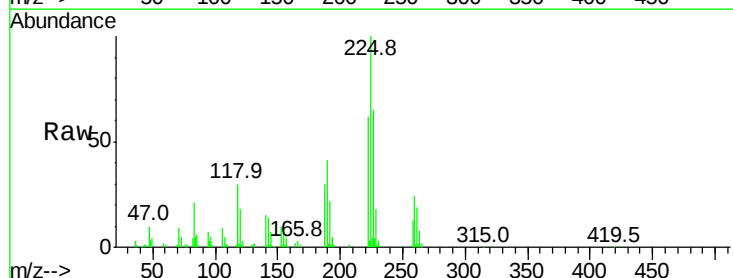
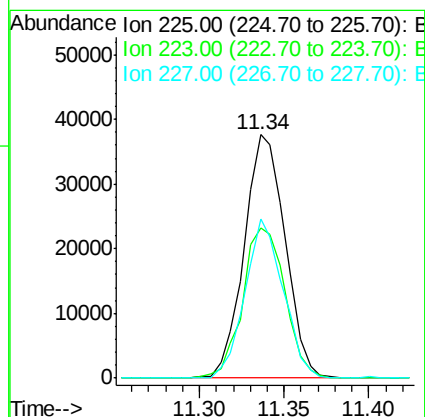
Manual Integrations  
APPROVED

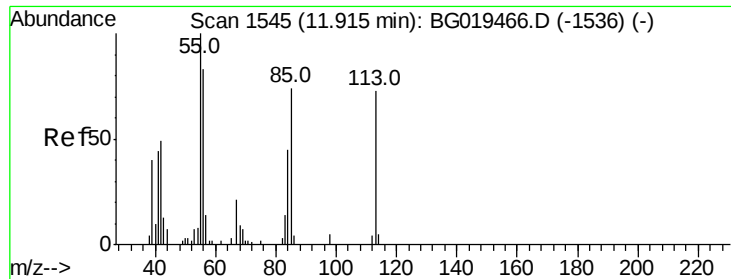
Mmdadoda  
11/4/2015 5:27:16 PM



#31  
Hexachlorobutadiene  
Concen: 19.46 ng/ul  
RT: 11.34 min Scan# 1446  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 56.2  | 84.2  |
| 227     | 69.8  | 51.3  | 76.9  |





#32

Caprolactam

Concen: 19.84 ng/ul m

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02031

Tot Ion:113 Resp: 22610

Ion Ratio Lower Upper

113 100

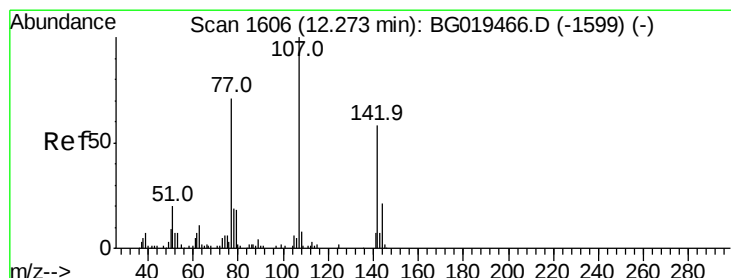
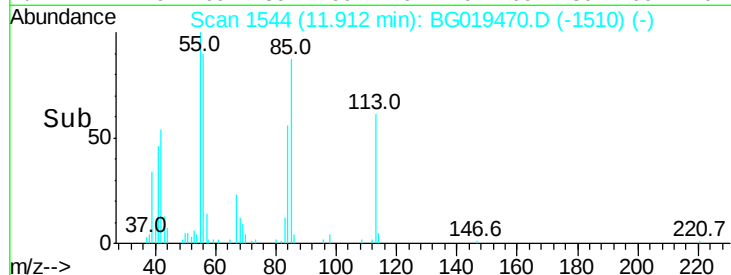
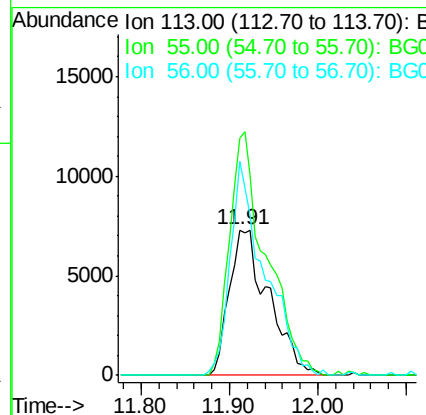
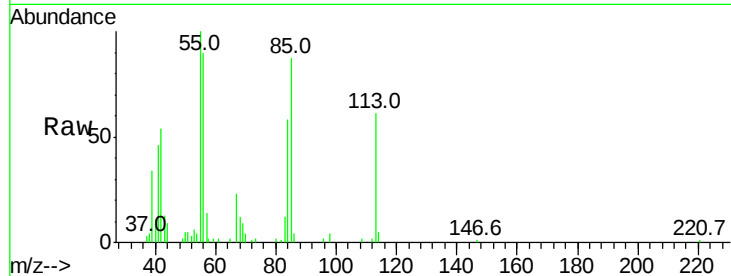
55 163.1 93.1 139.7#

56 147.5 79.9 119.9#

Manual Integrations  
APPROVED

Mmdadoda

11/4/2015 5:27:16 PM



#33

4-Chloro-3-methylphenol

Concen: 20.58 ng/ul

RT: 12.28 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

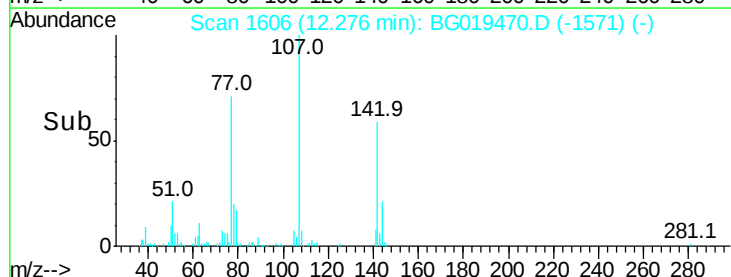
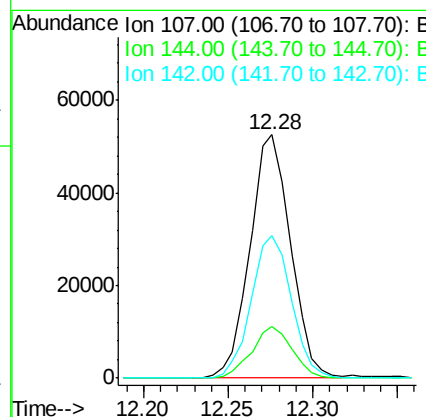
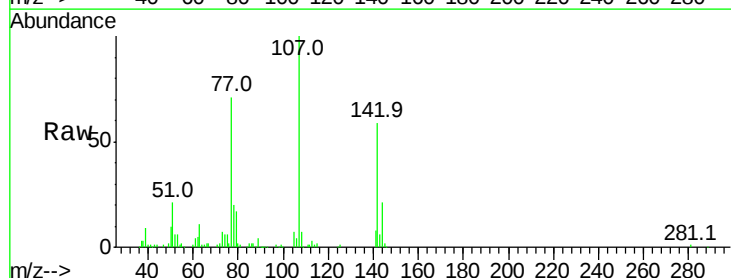
Tgt Ion:107 Resp: 87849

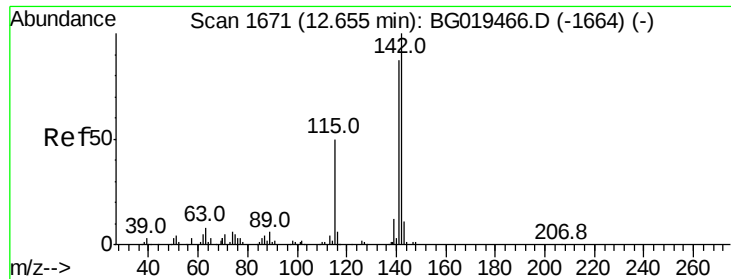
Ion Ratio Lower Upper

107 100

144 21.2 13.0 19.6#

142 58.6 47.0 70.6





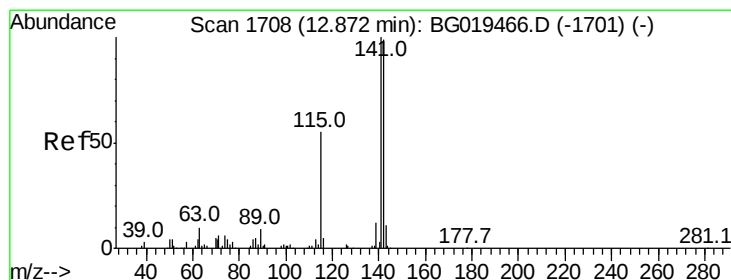
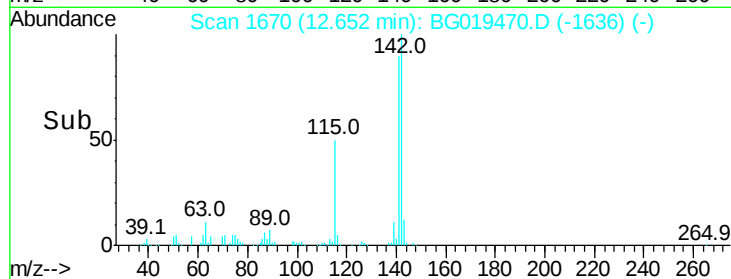
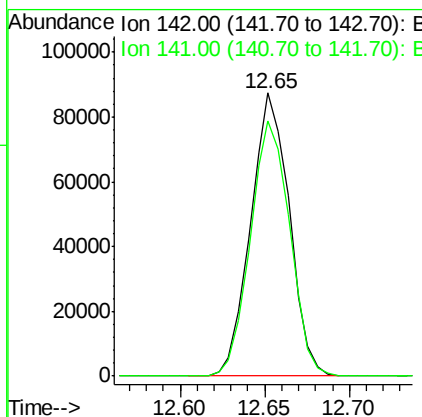
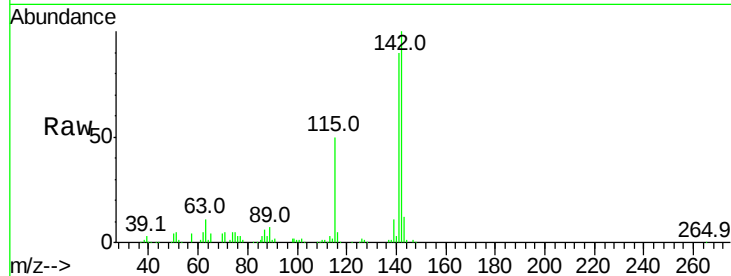
#34  
2-Methylnaphthalene  
Concen: 19.66 ng/ul  
RT: 12.65 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 73.4  | 110.2 |

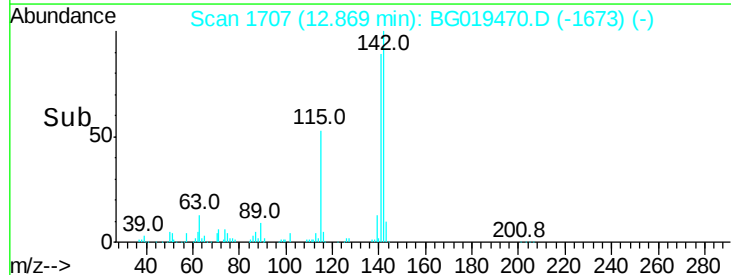
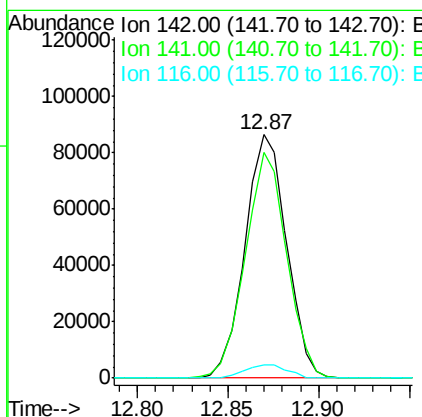
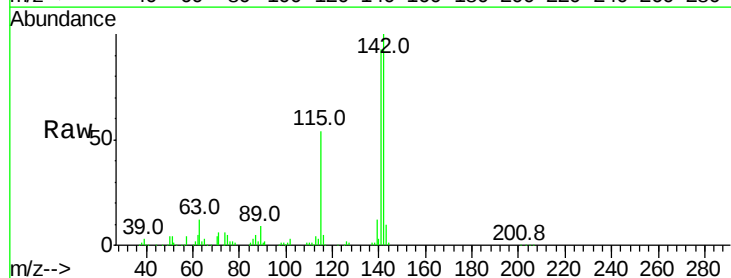
Manual Integrations  
APPROVED

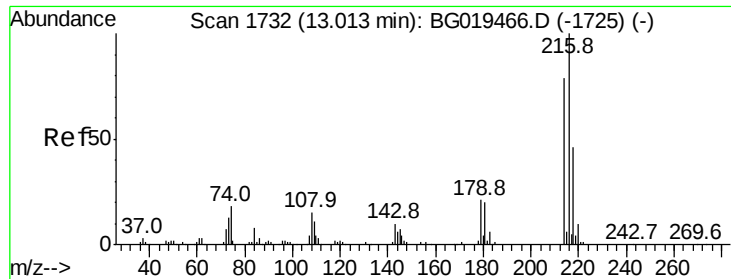
Mmdadoda  
11/4/2015 5:27:16 PM



#35  
1-Methylnaphthalene  
Concen: 20.58 ng/ul  
RT: 12.87 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.8  | 76.5  | 114.7 |
| 116     | 5.5   | 5.4   | 8.0   |





#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.88 ng/ul

RT: 13.02 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

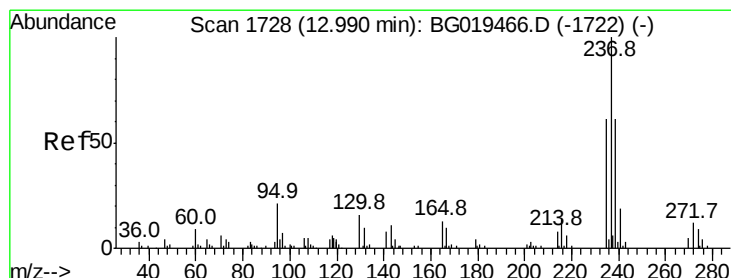
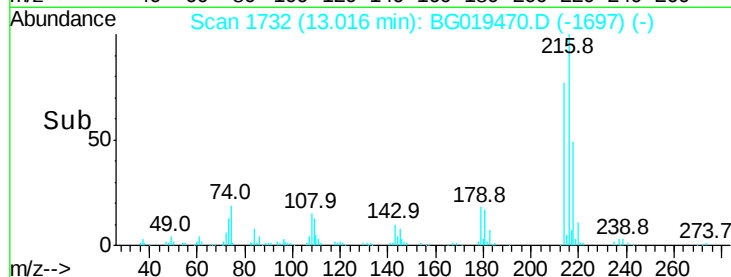
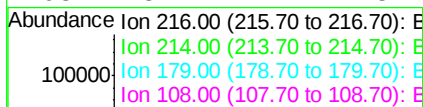
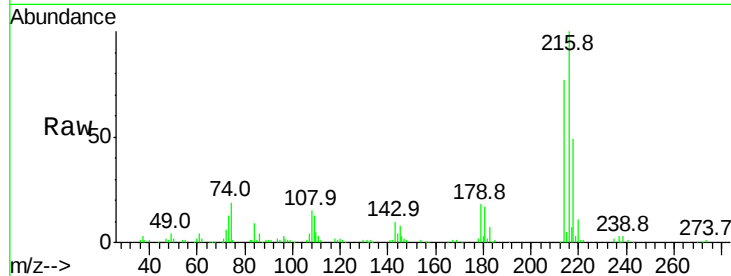
ClientSampleId :

SSTD02031

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.0  | 62.2       | 93.2  |
| 179     | 18.4  | 18.7       | 28.1  |
| 108     | 15.2  | 12.2       | 18.4  |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#38

Hexachlorocyclopentadiene

Concen: 16.03 ng/ul

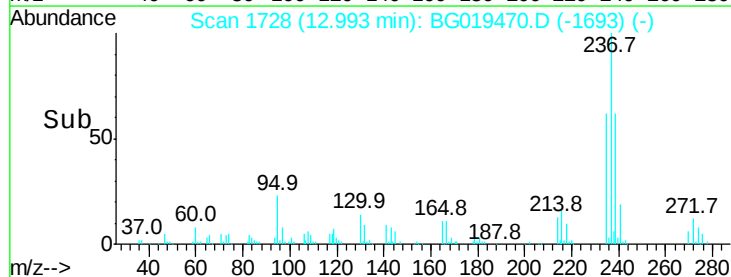
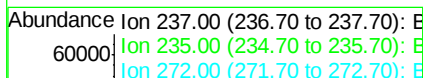
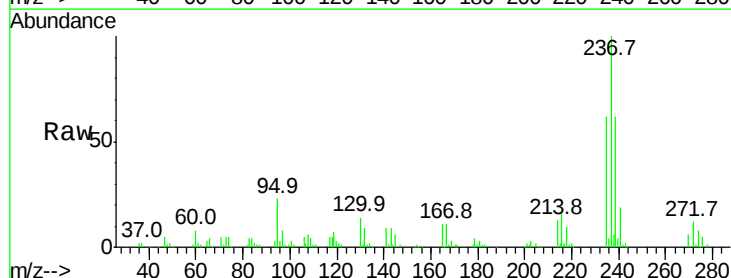
RT: 12.99 min Scan# 1728

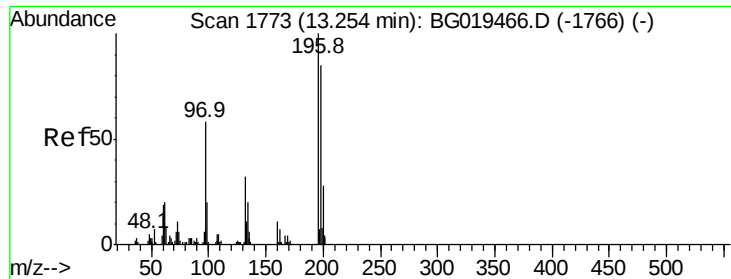
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.7  | 51.0       | 76.6  |
| 272     | 12.2  | 10.1       | 15.1  |





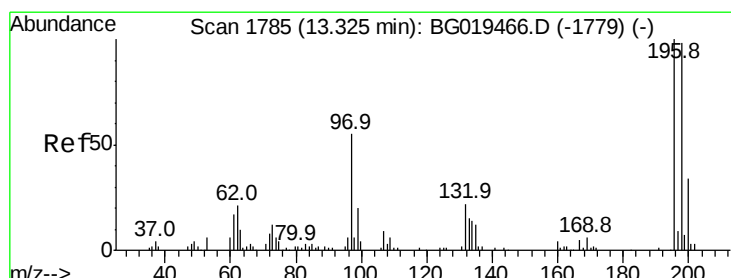
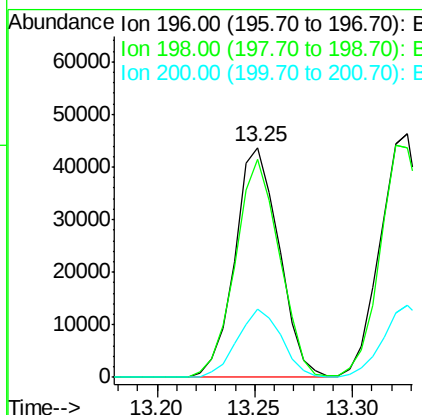
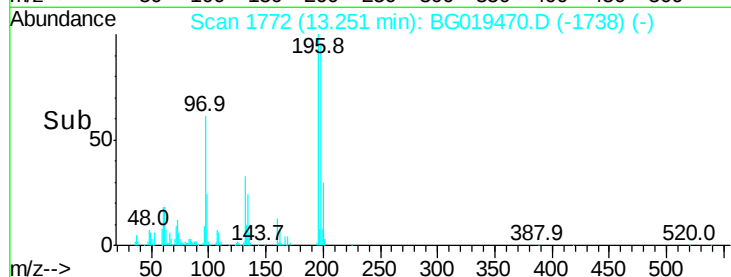
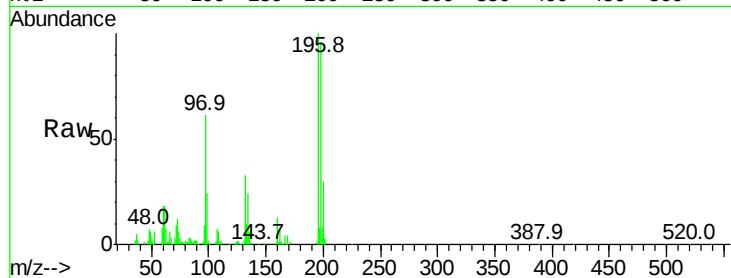
#39  
 2,4,6-Trichlorophenol  
 Concen: 20.74 ng/ul  
 RT: 13.25 min Scan# 1772  
 Delta R.T. -0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02031

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 68671 |       |       |
| 198     | 94.9  | 69.4  | 104.2 |       |
| 200     | 29.7  | 25.4  | 38.0  |       |

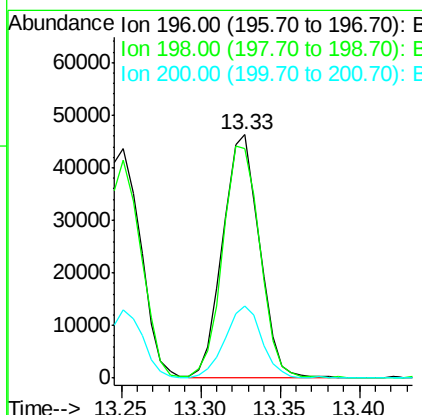
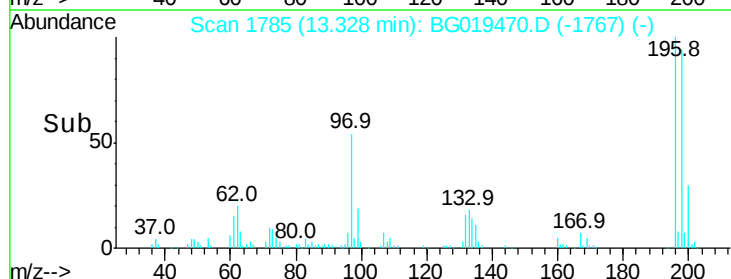
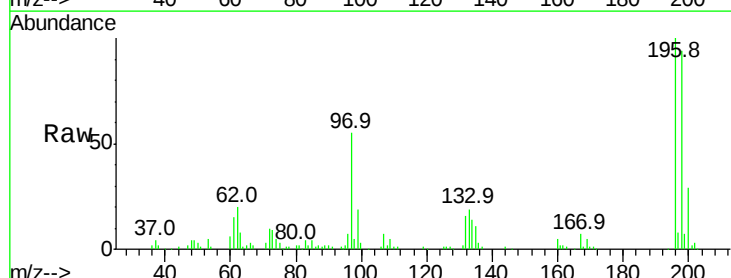
Manual Integrations  
 APPROVED

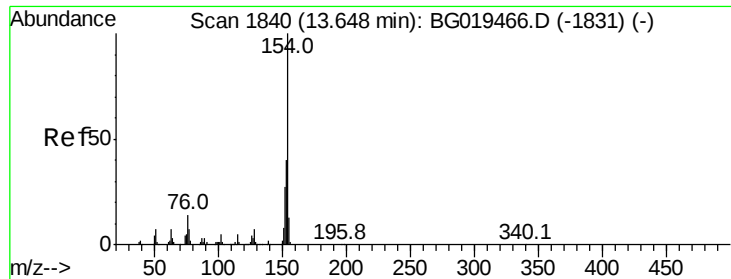
Mmdadoda  
 11/4/2015 5:27:16 PM



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.58 ng/ul  
 RT: 13.33 min Scan# 1785  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 74792 |       |       |
| 198     | 94.4  | 75.8  | 113.8 |       |
| 200     | 29.4  | 22.6  | 33.8  |       |





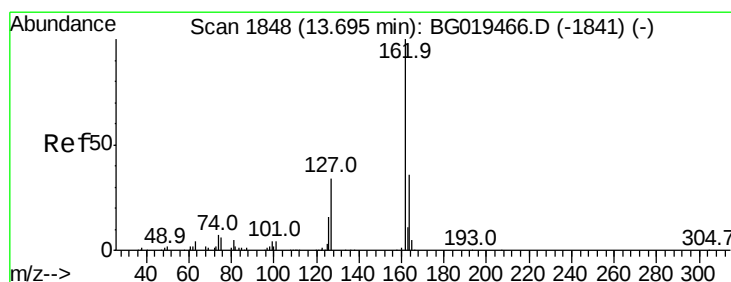
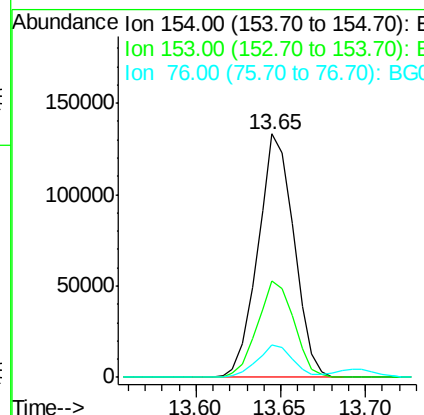
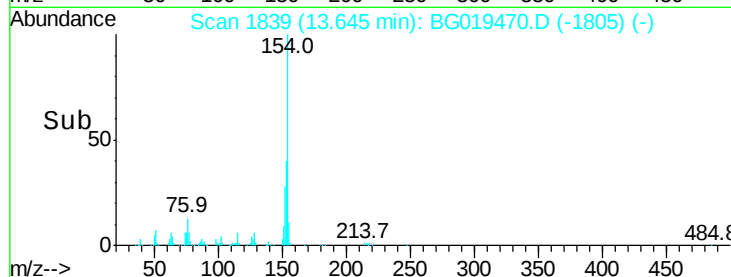
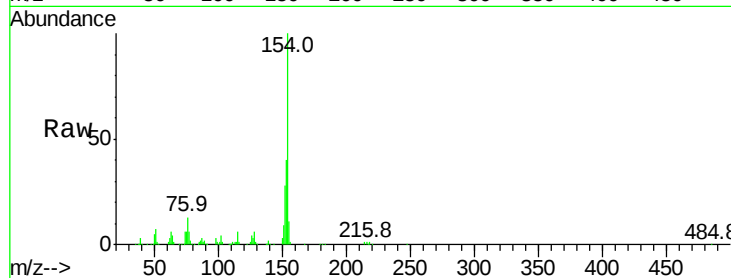
#41  
1,1'-Biphenyl  
Concen: 20.57 ng/ul  
RT: 13.65 min Scan# 1839  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 32.8  | 49.2  |
| 76      | 13.3  | 7.7   | 11.5  |

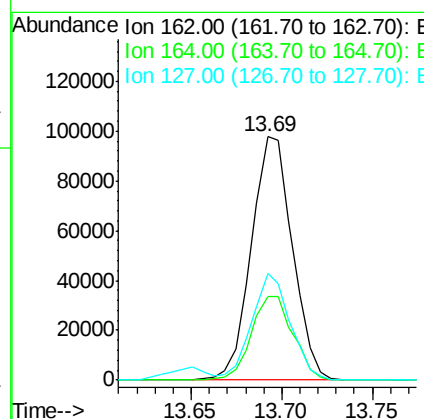
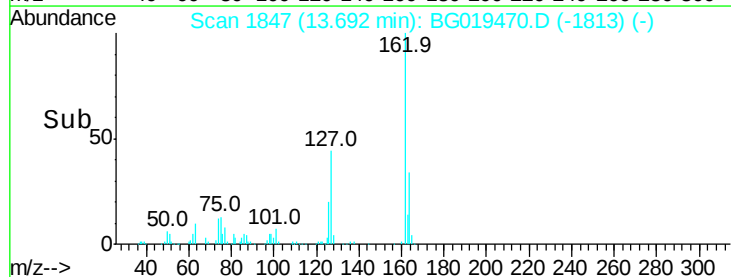
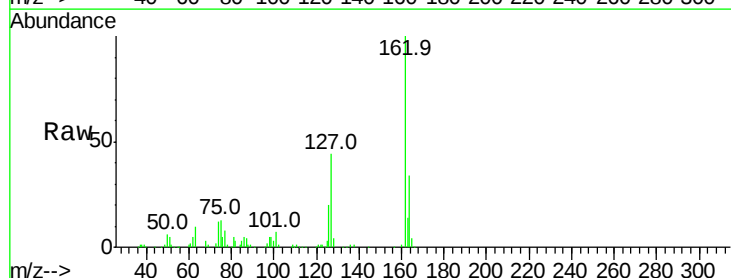
Manual Integrations  
APPROVED

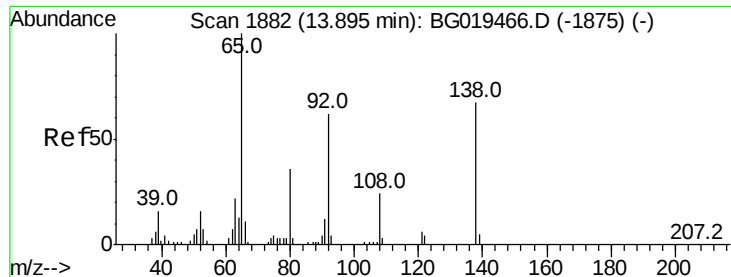
Mmdadoda  
11/4/2015 5:27:16 PM



#42  
2-Chloronaphthalene  
Concen: 20.51 ng/ul  
RT: 13.69 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.5  | 30.1  | 45.1  |
| 127     | 43.7  | 32.8  | 49.2  |





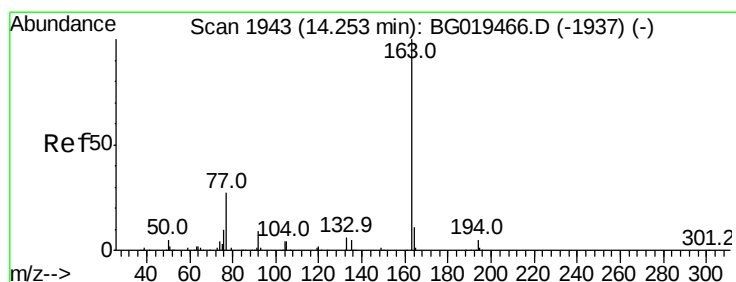
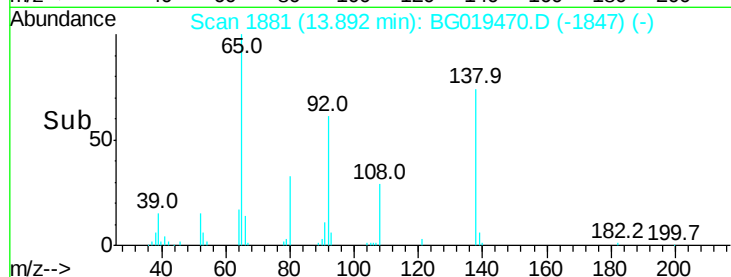
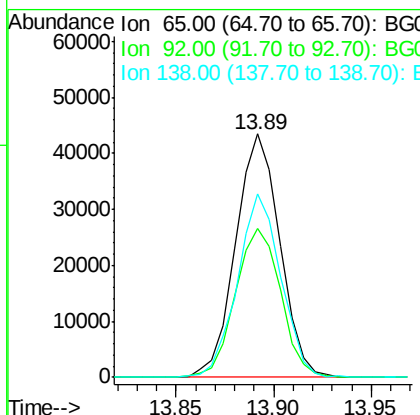
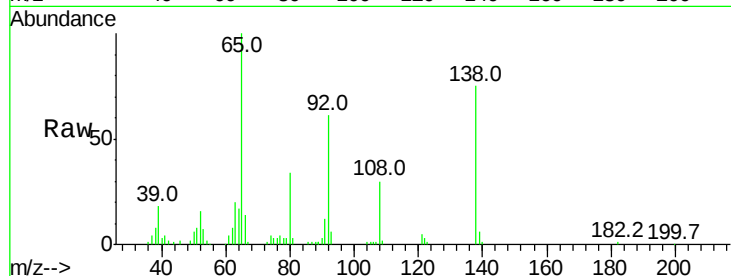
#43  
2-Nitroaniline  
Concen: 21.21 ng/ul  
RT: 13.89 min Scan# 1881  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.9  | 54.9  | 82.3  |
| 138     | 75.3  | 64.4  | 96.6  |

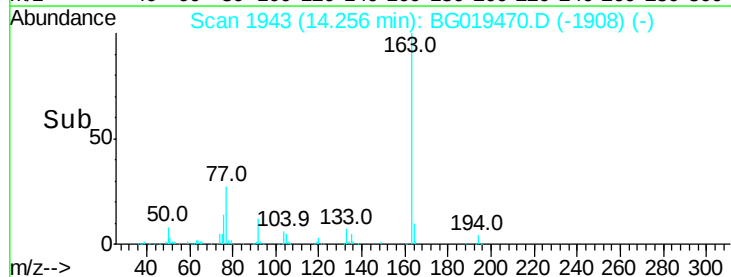
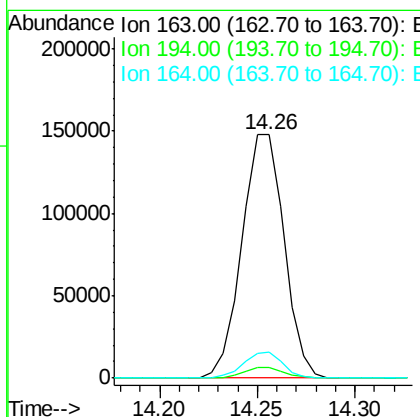
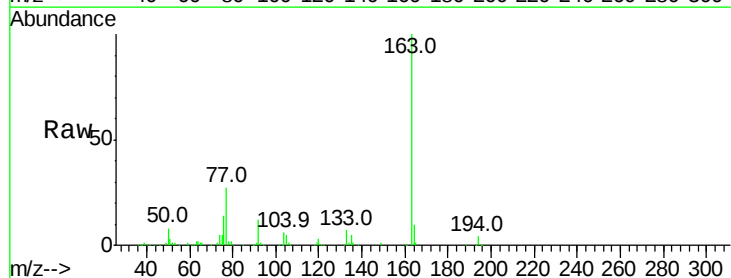
Manual Integrations  
APPROVED

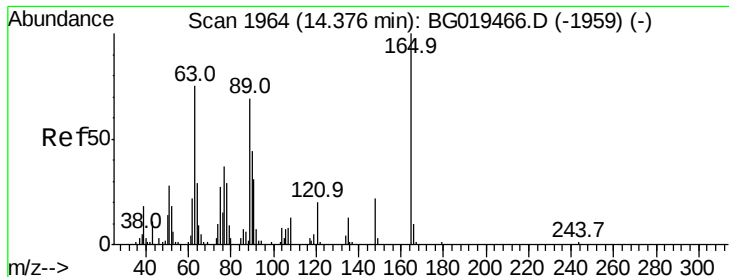
Mmdadoda  
11/4/2015 5:27:16 PM



#45  
Dimethylphthalate  
Concen: 19.33 ng/ul  
RT: 14.26 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 4.3   | 6.5#  |
| 164     | 10.4  | 7.5   | 11.3  |





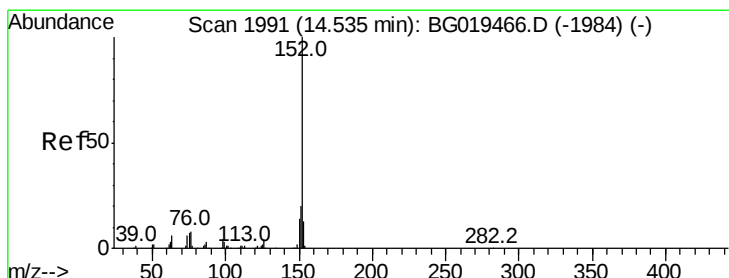
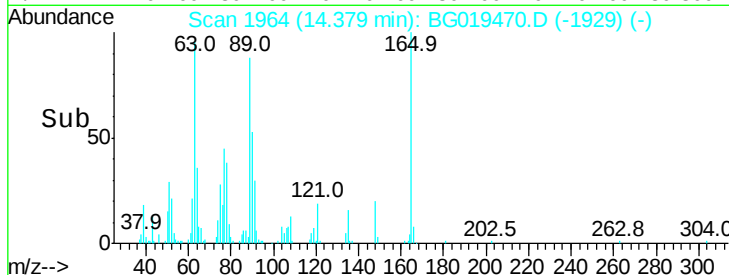
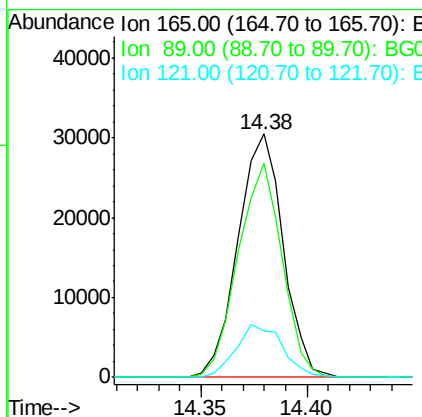
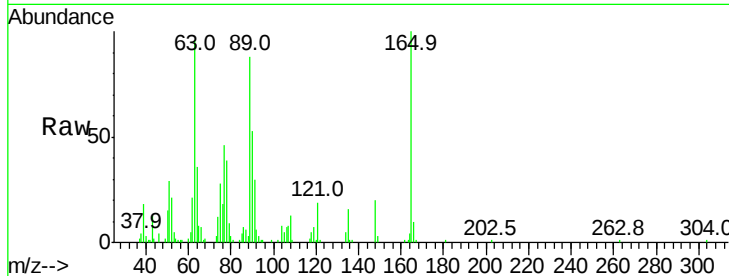
#46  
 2,6-Dinitrotoluene  
 Concen: 19.49 ng/ul  
 RT: 14.38 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02031

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 45223 |       |       |
| 89      | 87.9  | 66.7  | 100.1 |       |
| 121     | 19.3  | 17.0  | 25.4  |       |

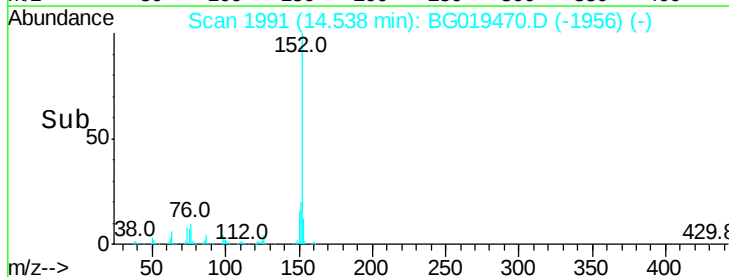
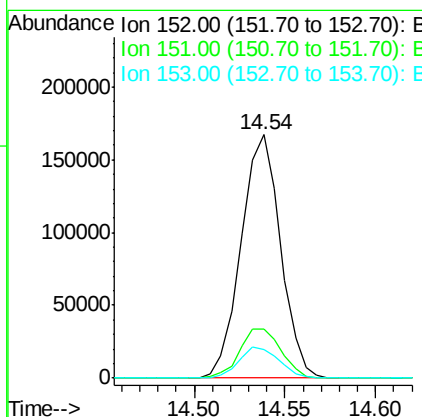
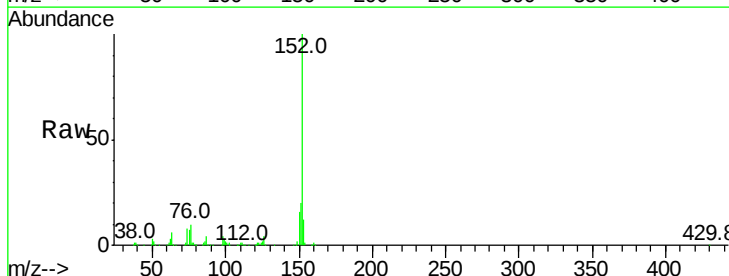
Manual Integrations  
 APPROVED

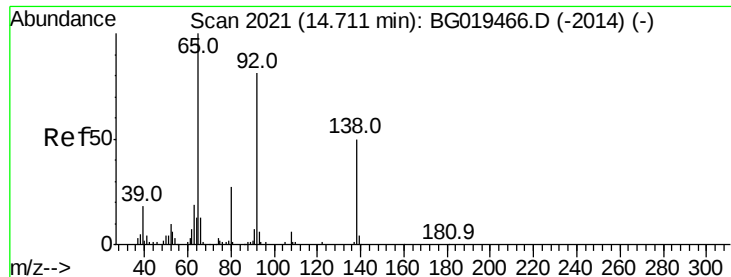
Mmdadoda  
 11/4/2015 5:27:16 PM



#48  
 Acenaphthylene  
 Concen: 19.78 ng/ul  
 RT: 14.54 min Scan# 1991  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 251550 |       |       |
| 151     | 20.2  | 16.9   | 25.3  |       |
| 153     | 11.7  | 10.8   | 16.2  |       |





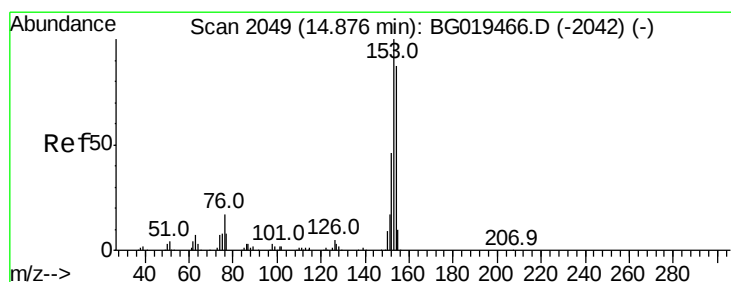
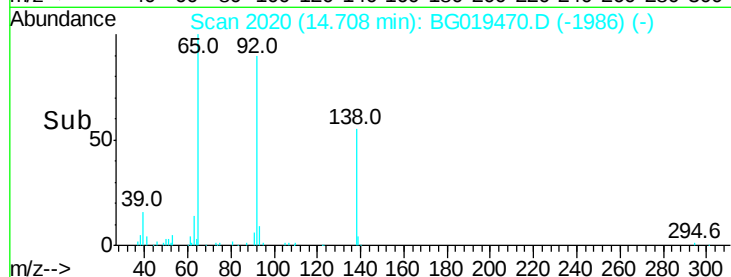
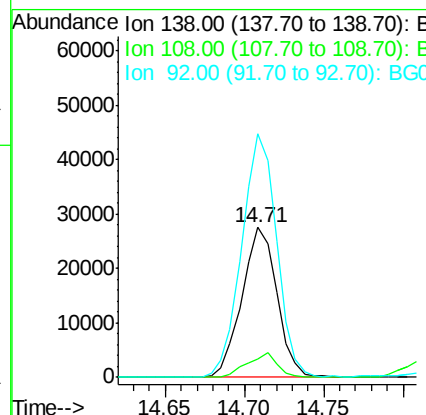
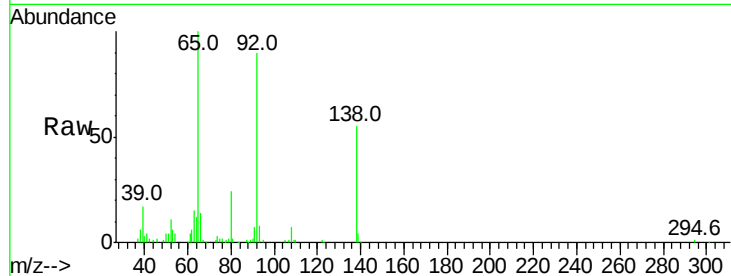
#49  
3-Nitroaniline  
Concen: 21.23 ng/ul  
RT: 14.71 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.3  | 11.7  | 17.5  |
| 92      | 162.8 | 115.9 | 173.9 |

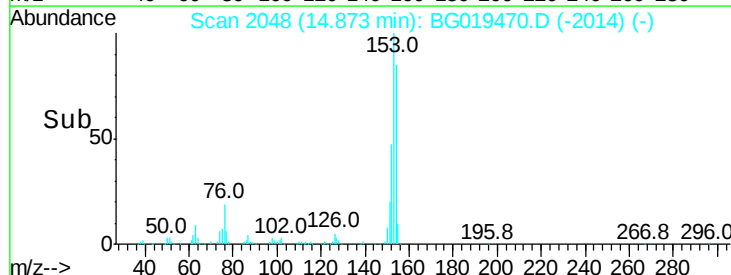
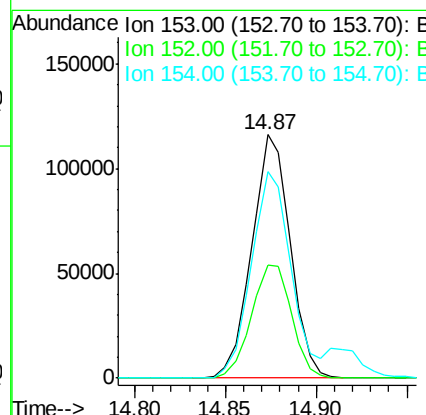
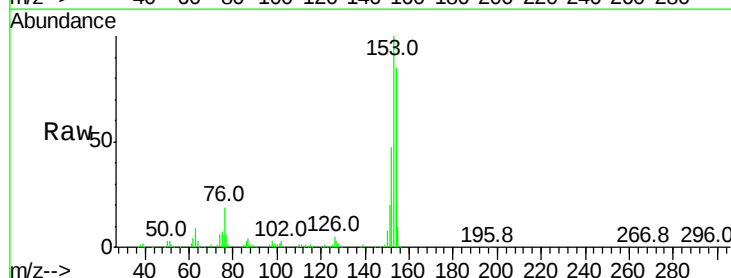
Manual Integrations  
APPROVED

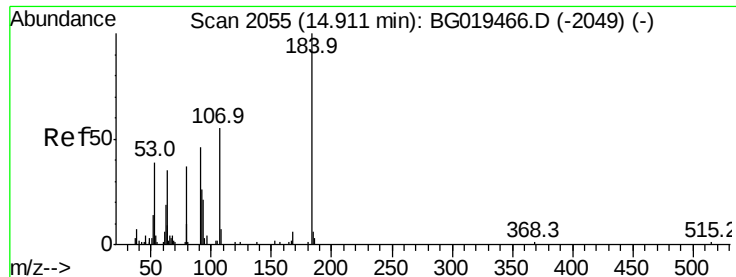
Mmdadoda  
11/4/2015 5:27:16 PM



#50  
Acenaphthene  
Concen: 20.03 ng/ul  
RT: 14.87 min Scan# 2048  
Delta R.T. -0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 46.6  | 38.8  | 58.2  |
| 154     | 84.6  | 71.5  | 107.3 |





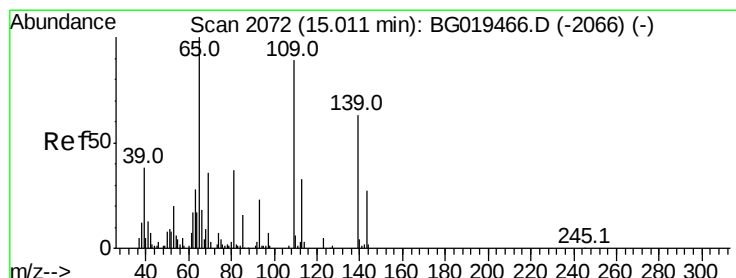
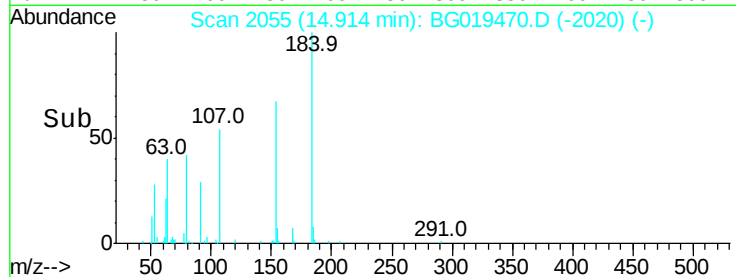
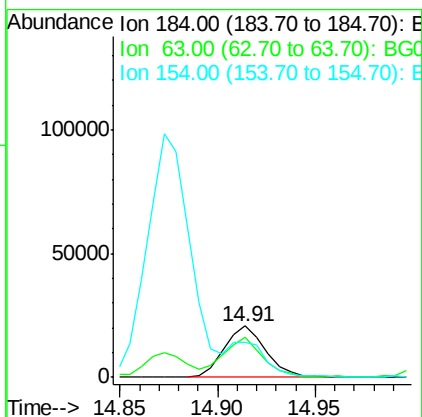
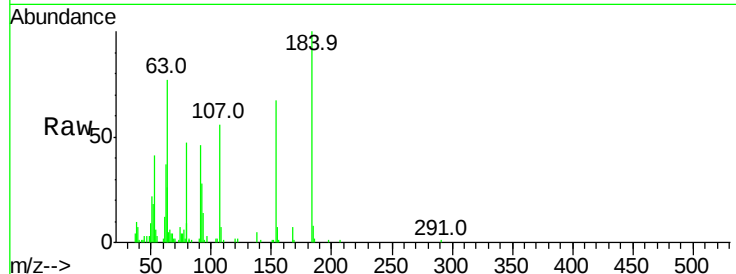
#51  
 2,4-Dinitrophenol  
 Concen: 17.66 ng/ul  
 RT: 14.91 min Scan# 2055  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 77.5  | 52.6 | 78.8  |       |
| 154     | 67.2  | 66.1 | 99.1  |       |

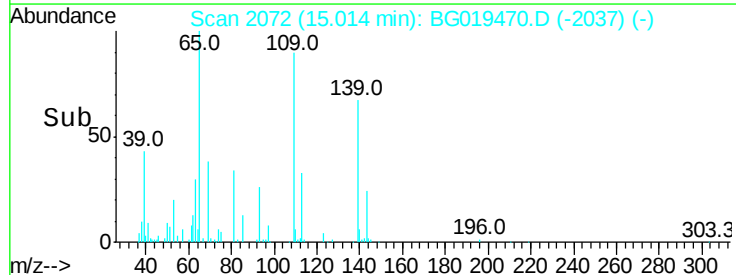
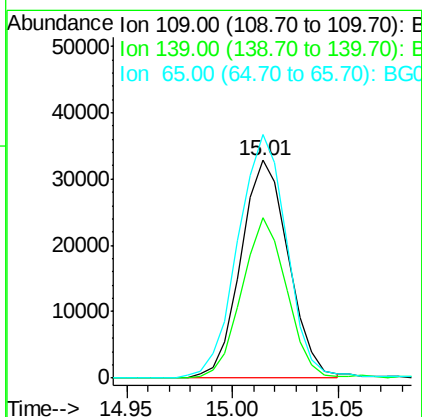
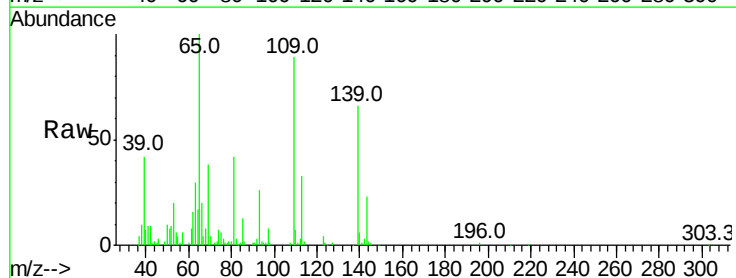
Manual Integrations  
 APPROVED

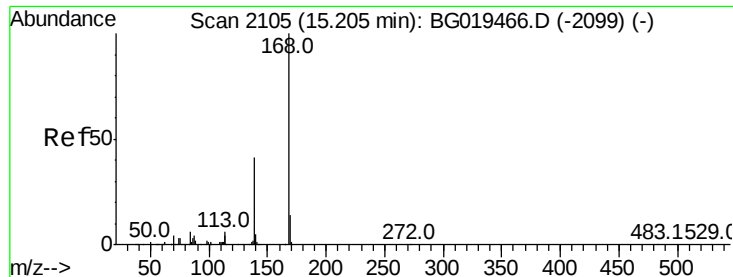
Mmdadoda  
 11/4/2015 5:27:16 PM



#53  
 4-Nitrophenol  
 Concen: 18.57 ng/ul  
 RT: 15.01 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 109     | 100   |      |        |       |
| 139     | 73.8  | 41.5 | 62.3#  |       |
| 65      | 111.9 | 73.7 | 110.5# |       |





#54

Dibenzenofuran

Concen: 19.73 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02031

Tot Ion:168 Resp: 249532

Ion Ratio Lower Upper

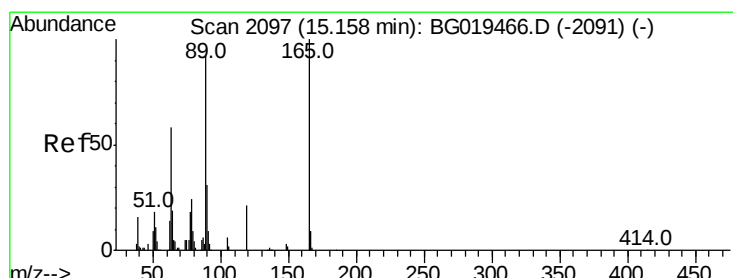
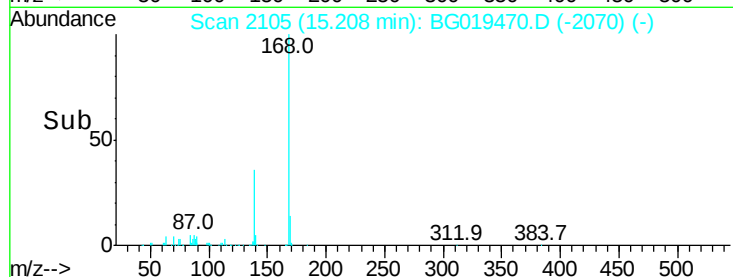
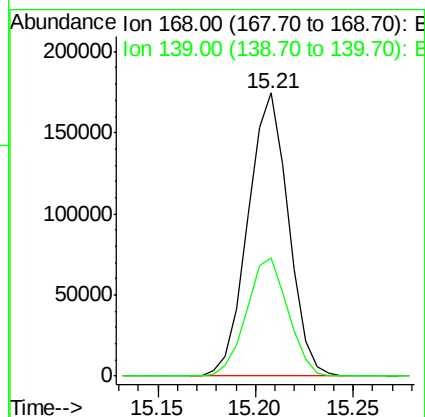
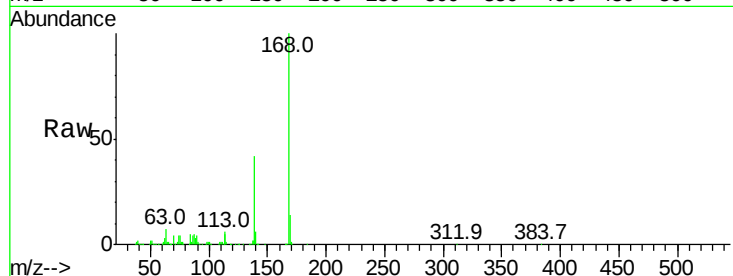
168 100

139 41.8 32.4 48.6

Manual Integrations  
APPROVED

Mmdadoda

11/4/2015 5:27:16 PM



#55

2,4-Dinitrotoluene

Concen: 19.07 ng/ul

RT: 15.16 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

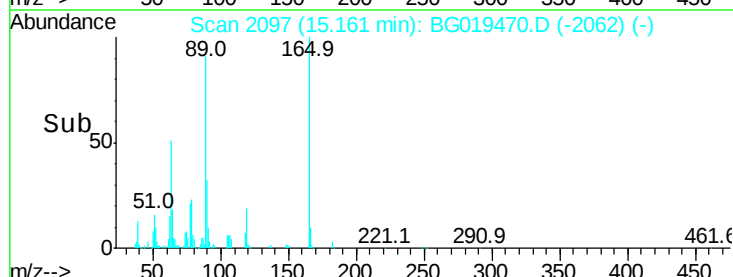
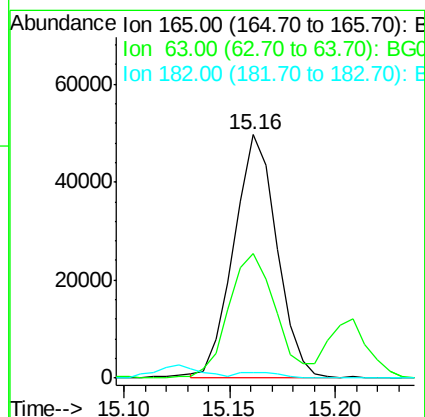
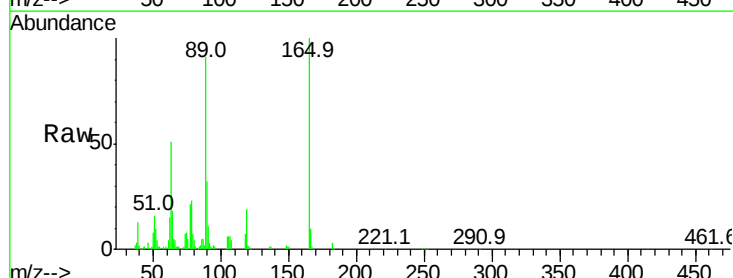
Tgt Ion:165 Resp: 69860

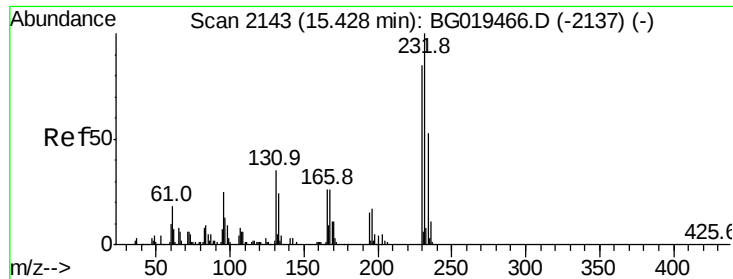
Ion Ratio Lower Upper

165 100

63 51.1 51.1 76.7#

182 2.5 3.3 4.9#





#56

2,3,4,6-Tetrachlorophenol

Concen: 19.60 ng/ul

RT: 15.43 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

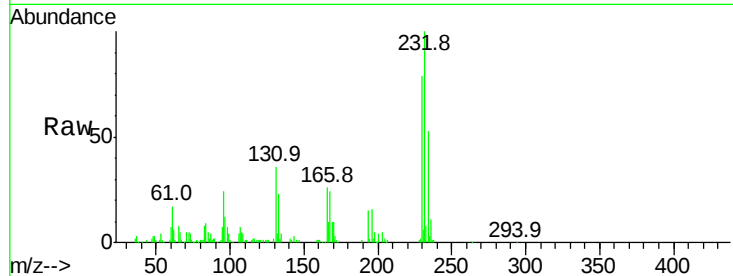
ClientSampleId :

SSTD02031

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 74489 |       |       |
| 131     | 36.0  |       | 28.1  | 42.1  |
| 130     | 2.1   |       | 2.2   | 3.2   |
| 166     | 25.7  |       | 19.0  | 28.6  |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM

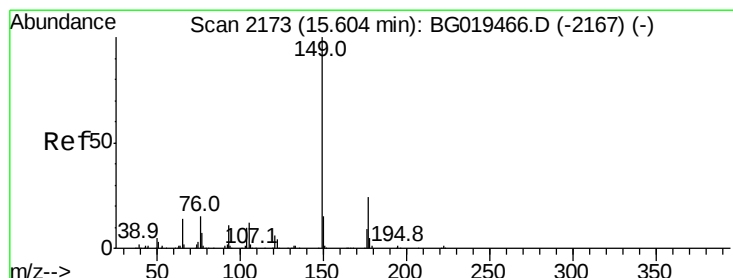
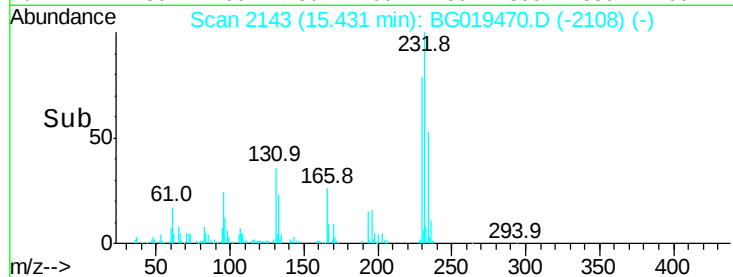
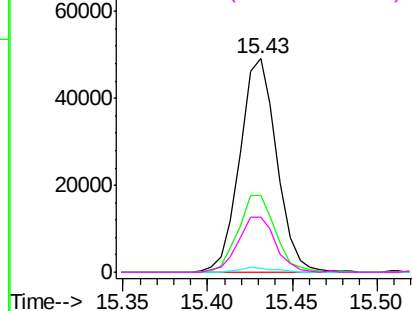


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 19.27 ng/ul

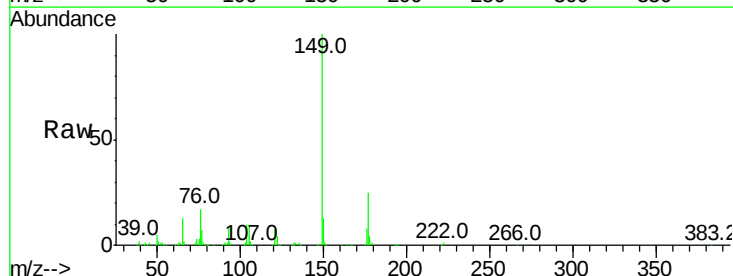
RT: 15.61 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

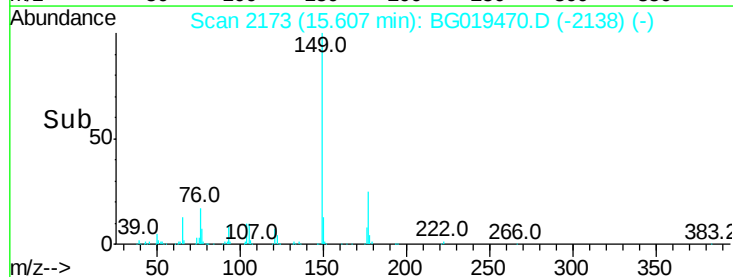
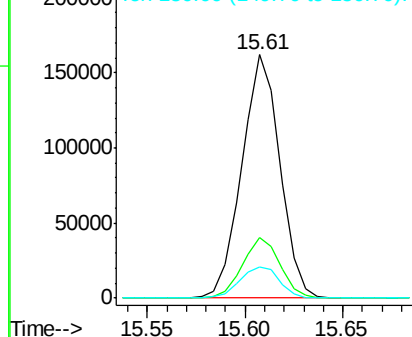
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 218076 |       |       |
| 177     | 24.6  |        | 20.6  | 30.8  |
| 150     | 12.7  |        | 11.2  | 16.8  |

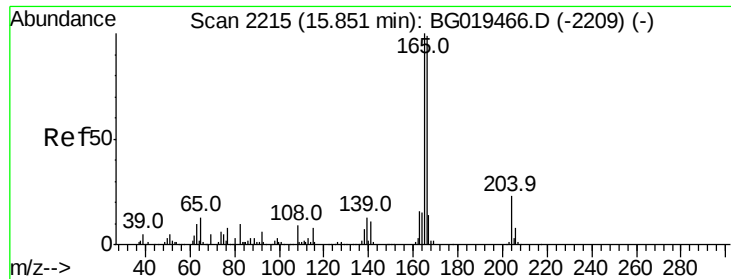


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 19.54 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

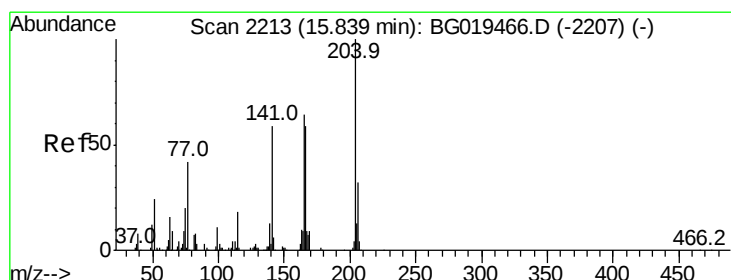
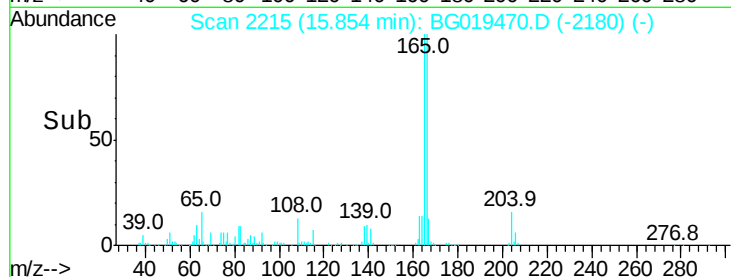
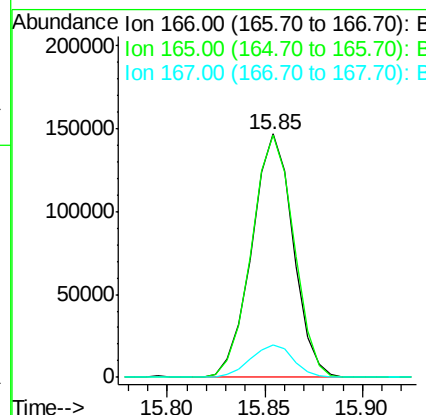
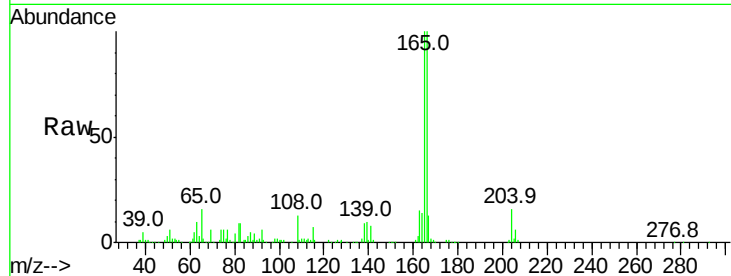
ClientSampleId :

SSTD02031

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 215505 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.6  | 77.6  | 116.4  |
| 167       | 13.3  | 9.6   | 14.4   |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#60

4-Chlorophenyl-phenylether

Concen: 19.00 ng/ul

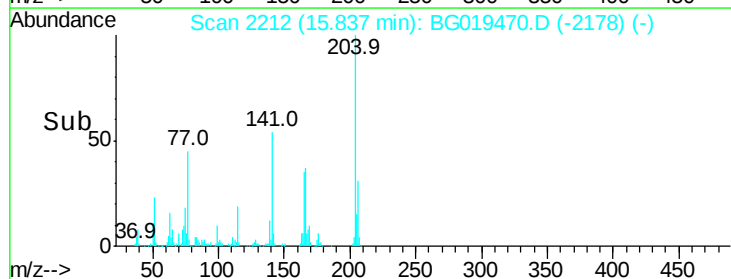
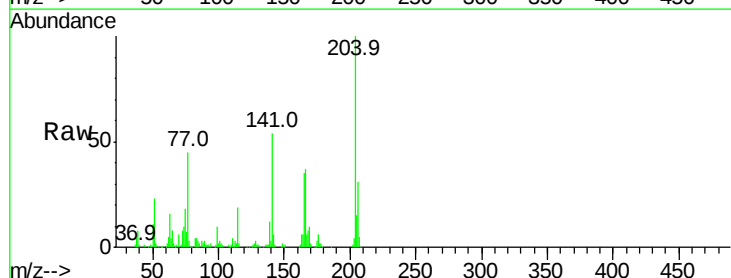
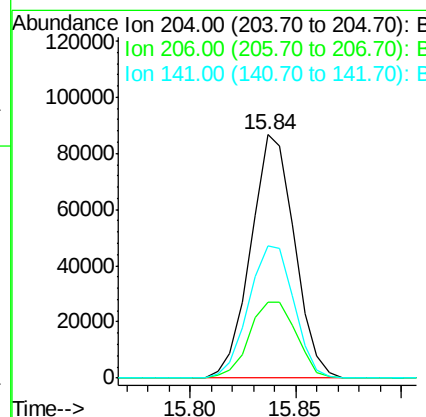
RT: 15.84 min Scan# 2212

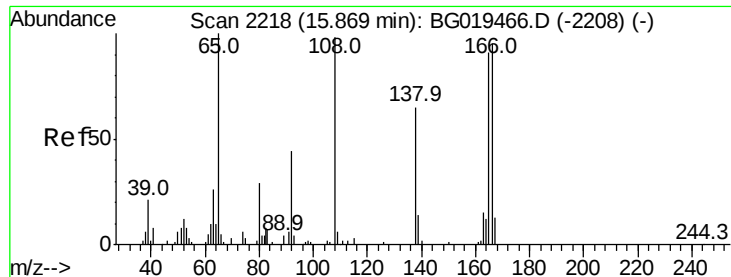
Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 124554 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 31.2  | 27.8  | 41.8   |
| 141       | 54.4  | 45.2  | 67.8   |





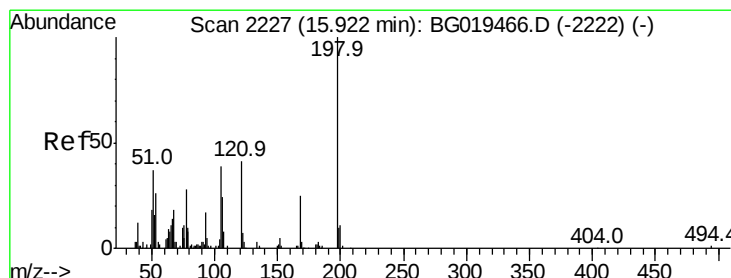
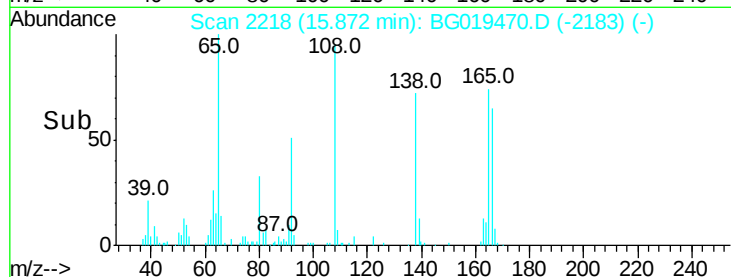
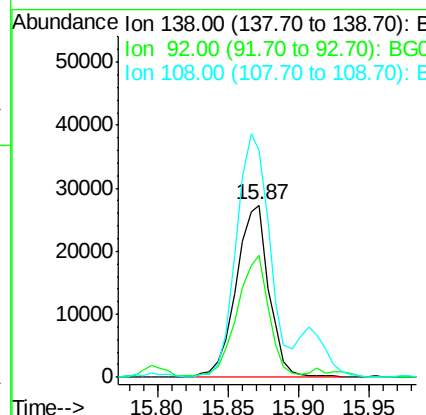
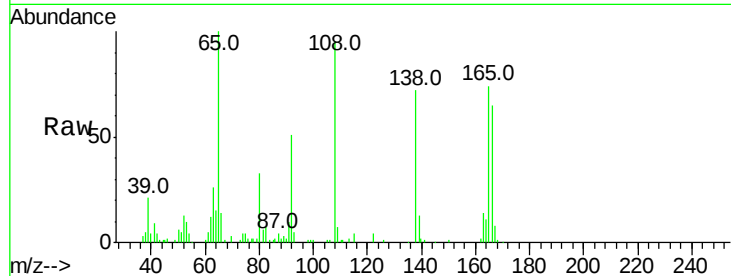
#61  
4-Nitroaniline  
Concen: 19.32 ng/ul  
RT: 15.87 min Scan# 2218  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 70.7  | 53.9  | 80.9  |
| 108     | 131.9 | 122.5 | 183.7 |

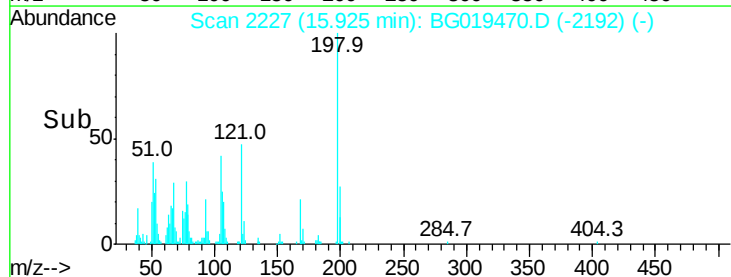
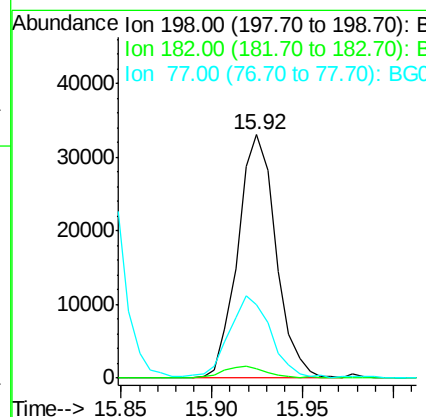
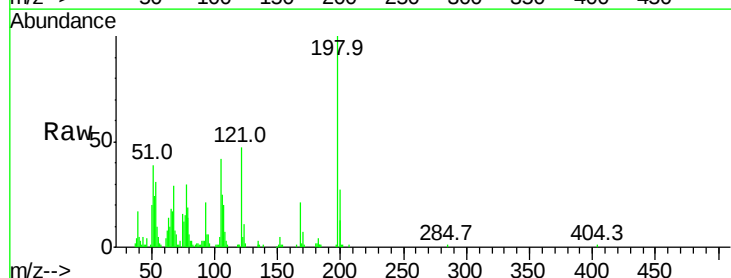
Manual Integrations  
APPROVED

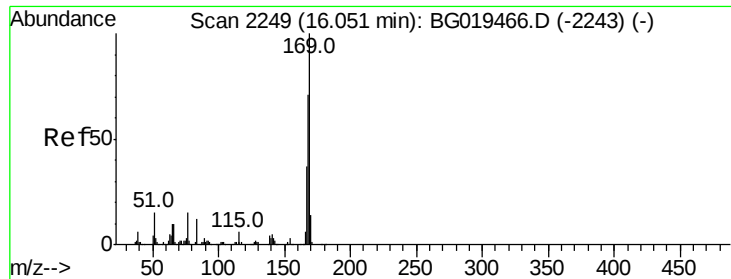
Mmdadoda  
11/4/2015 5:27:16 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 19.18 ng/ul  
RT: 15.92 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 3.8   | 2.0   | 3.0#  |
| 77      | 29.9  | 23.2  | 34.8  |





#65

N-Nitrosodiphenylamine

Concen: 20.44 ng/ul

RT: 16.05 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

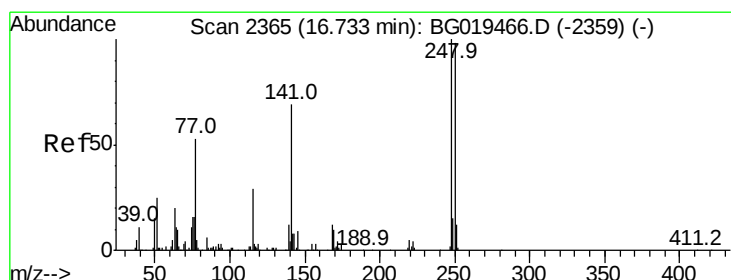
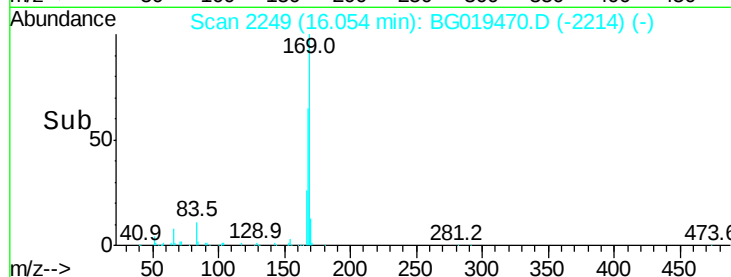
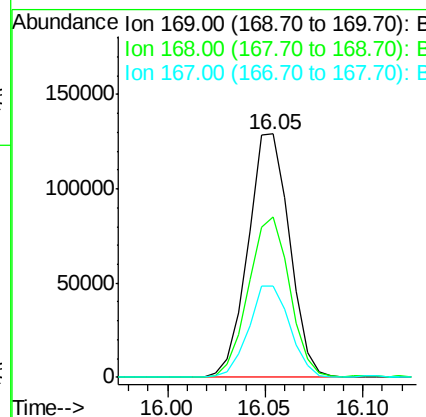
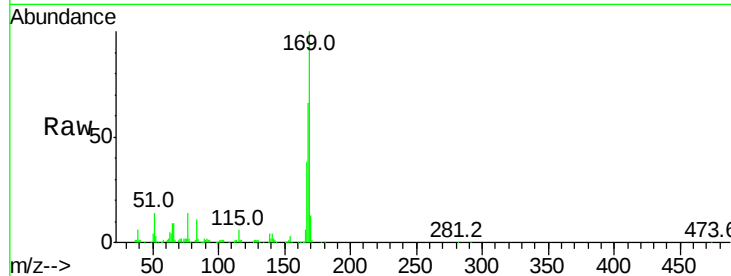
ClientSampleId :

SSTD02031

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 190506 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 65.8  | 51.1  | 76.7   |
| 167       | 37.6  | 26.9  | 40.3   |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#66

4-Bromophenyl-phenylether

Concen: 20.00 ng/ul

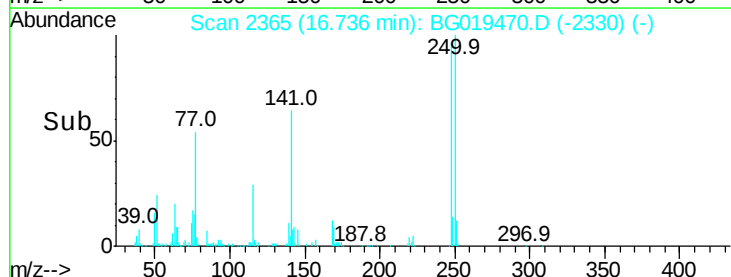
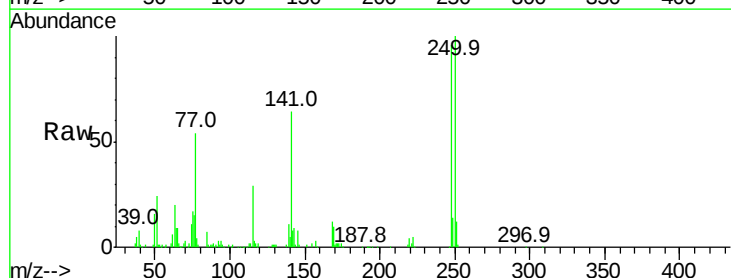
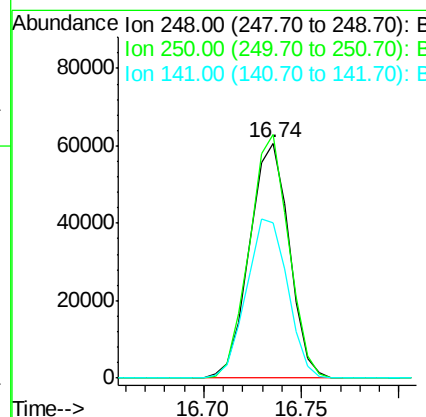
RT: 16.74 min Scan# 2365

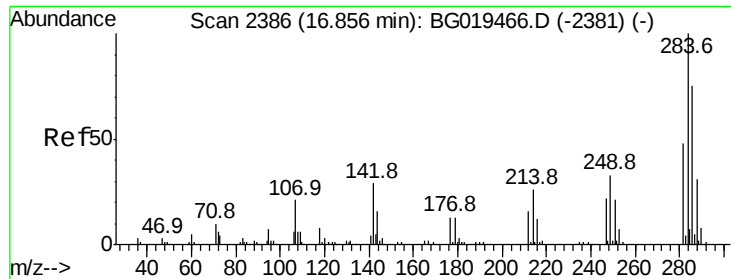
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 85644 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 103.7 | 77.4  | 116.0 |
| 141       | 66.3  | 52.3  | 78.5  |





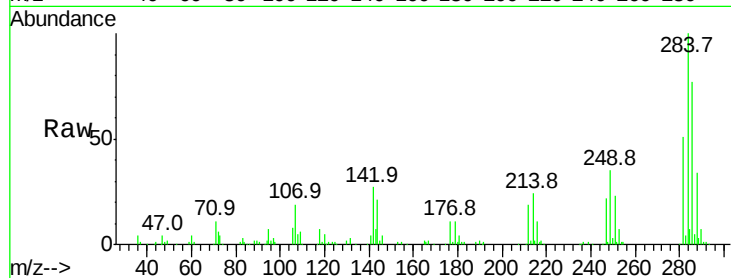
#67  
Hexachlorobenzene  
Concen: 20.29 ng/ul  
RT: 16.86 min Scan# 2386  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

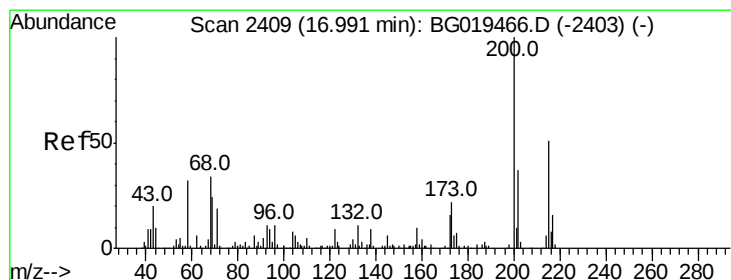
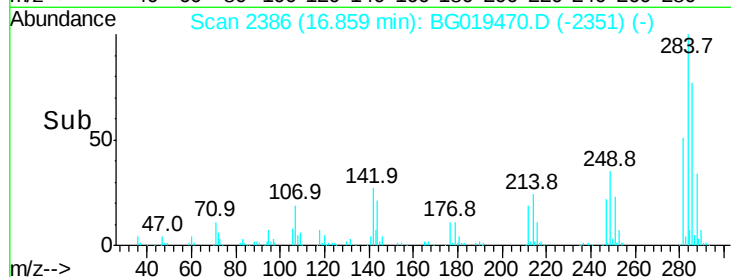
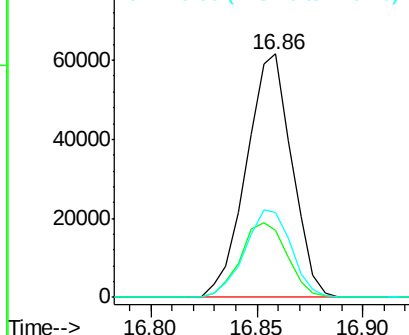
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 25.6  | 24.2 | 36.4  |       |
| 249     | 32.9  | 25.2 | 37.8  |       |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM

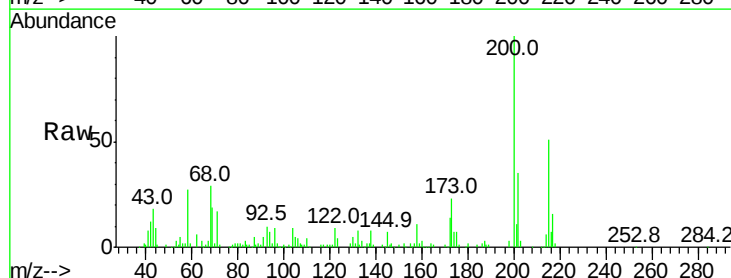


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

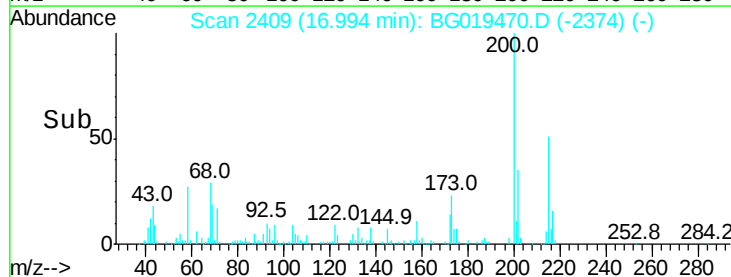
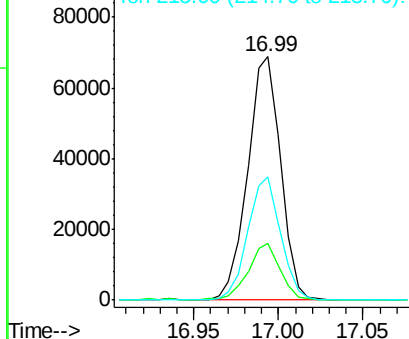


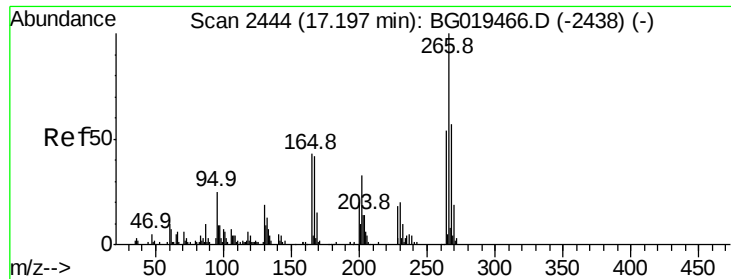
#68  
Atrazine  
Concen: 20.30 ng/ul  
RT: 16.99 min Scan# 2409  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 23.1  | 16.9 | 25.3  |       |
| 215     | 50.5  | 41.0 | 61.6  |       |



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





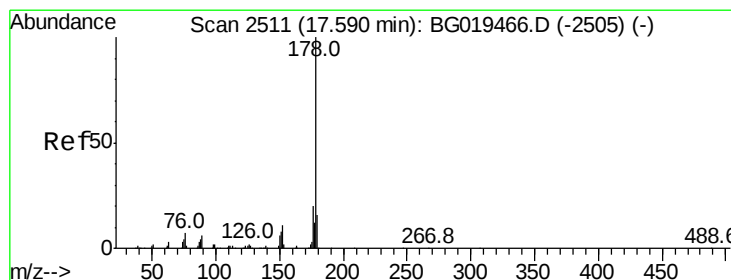
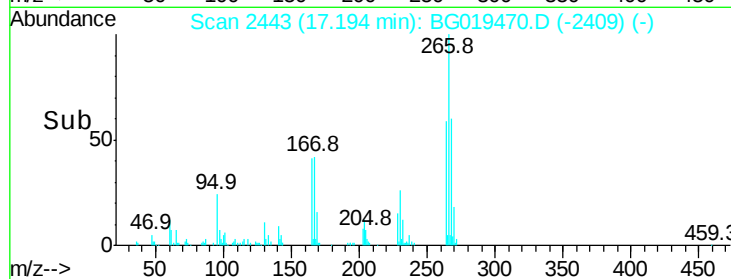
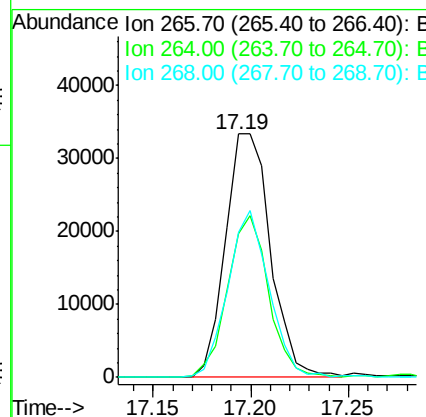
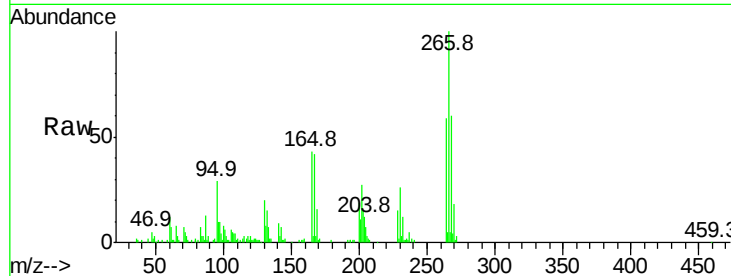
#69  
 Pentachlorophenol  
 Concen: 19.87 ng/ul  
 RT: 17.19 min Scan# 2443  
 Delta R.T. -0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02031

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 266   | Resp: | 53316 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 59.2  | 49.5  | 74.3  |
| 268       | 59.6  | 48.7  | 73.1  |

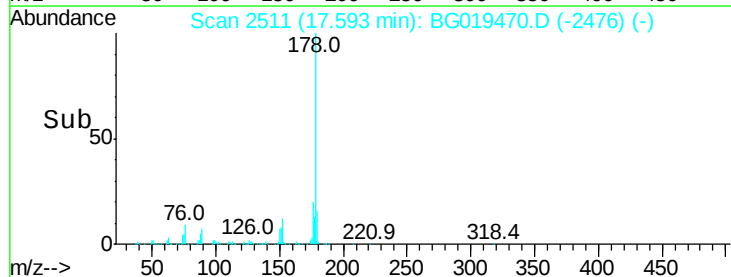
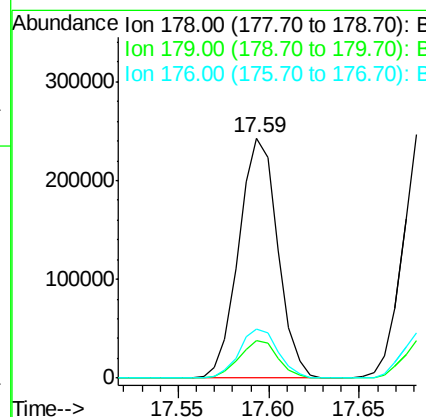
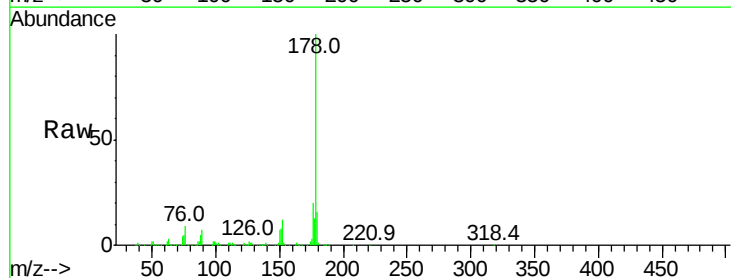
Manual Integrations  
 APPROVED

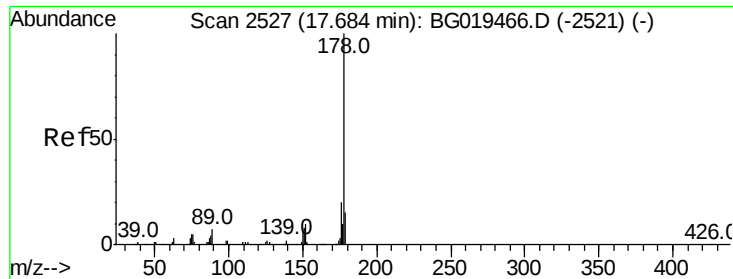
Mmdadoda  
 11/4/2015 5:27:16 PM



#70  
 Phenanthrene  
 Concen: 19.98 ng/ul  
 RT: 17.59 min Scan# 2511  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 363467 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 15.6  | 12.6  | 18.8   |
| 176       | 20.4  | 14.3  | 21.5   |





#72

Anthracene

Concen: 20.10 ng/ul

RT: 17.69 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

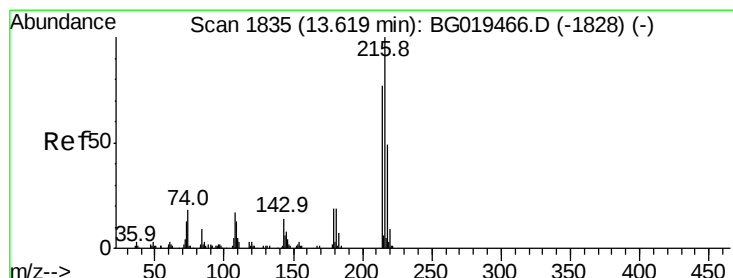
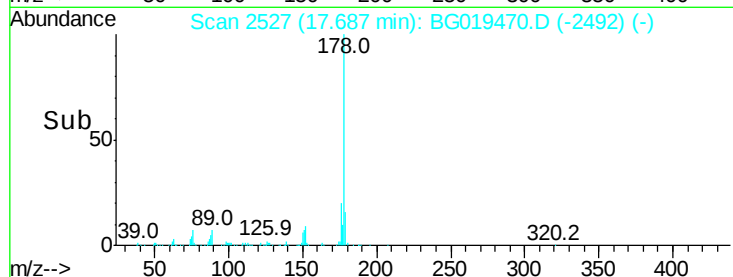
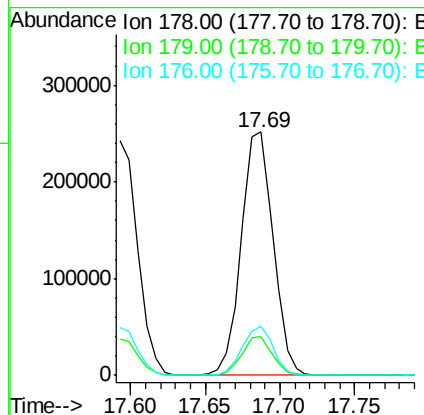
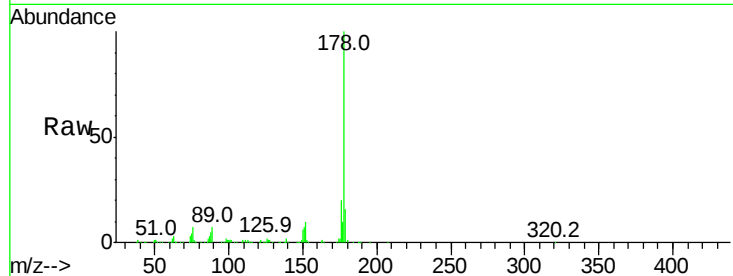
ClientSampleId :

SSTD02031

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 372616 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 16.0  | 11.6  | 17.4   |
| 176       | 20.1  | 14.2  | 21.4   |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.68 ng/uL

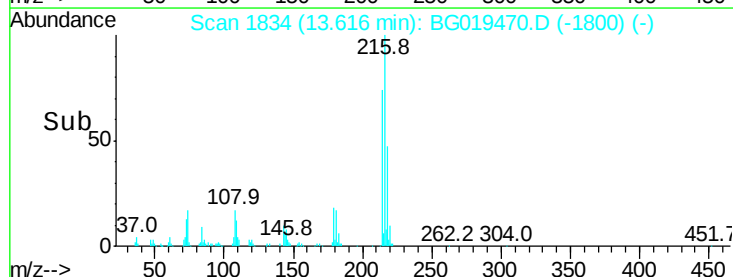
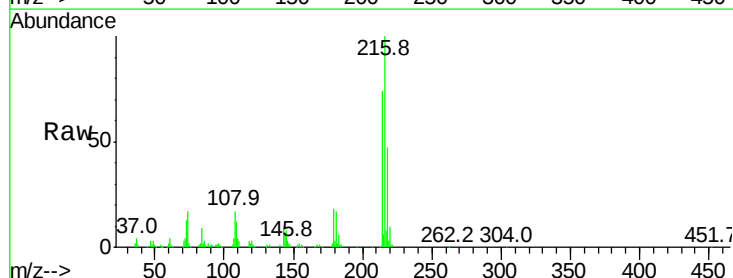
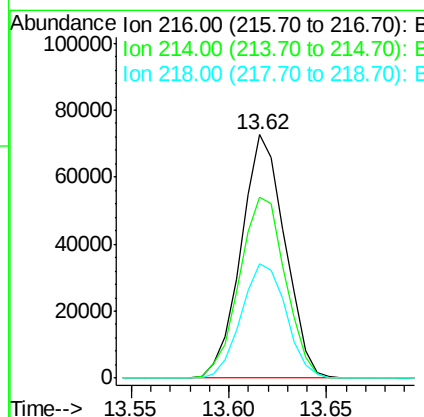
RT: 13.62 min Scan# 1834

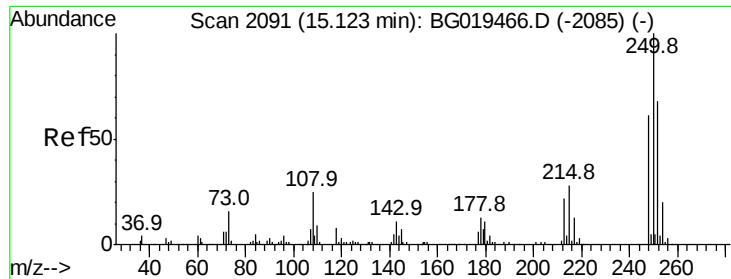
Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 113175 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 74.3  | 60.0  | 90.0   |
| 218       | 47.1  | 37.1  | 55.7   |





#74

Pentachlorobenzene

Concen: 20.60 ng/uL

RT: 15.13 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

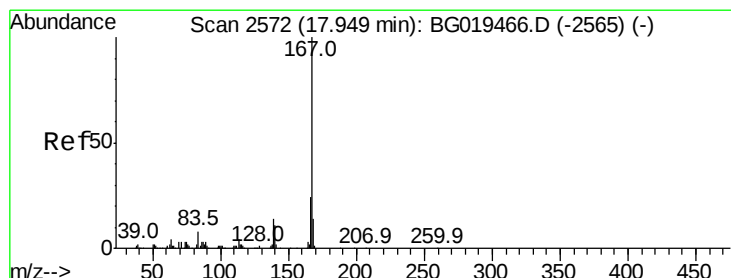
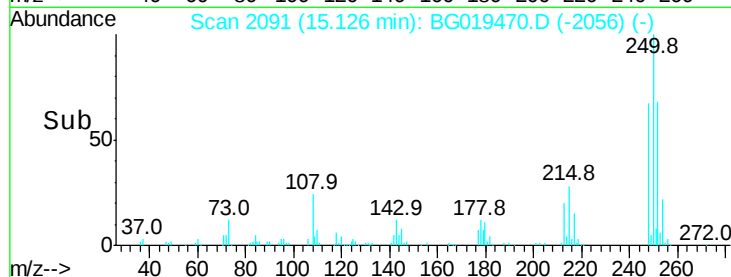
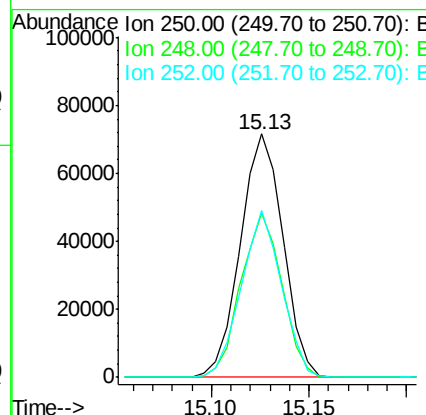
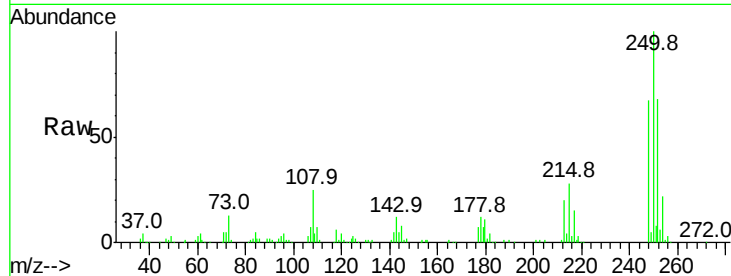
ClientSampleId :

SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 67.4  | 51.3  | 76.9  |
| 252     | 68.3  | 49.5  | 74.3  |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#75

Carbazole

Concen: 20.86 ng/uL

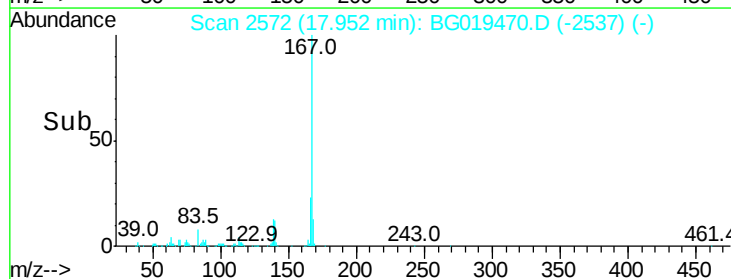
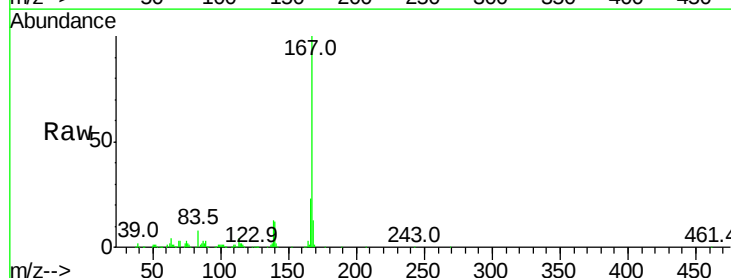
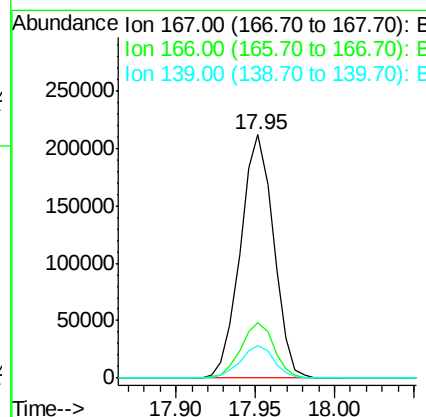
RT: 17.95 min Scan# 2572

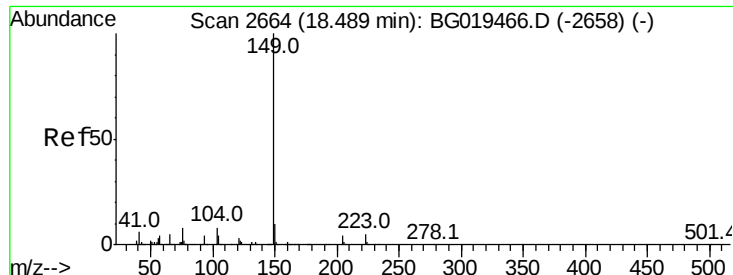
Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 16.8  | 25.2  |
| 139     | 13.2  | 9.8   | 14.6  |





#76

Di-n-butylphthalate

Concen: 20.06 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. 0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

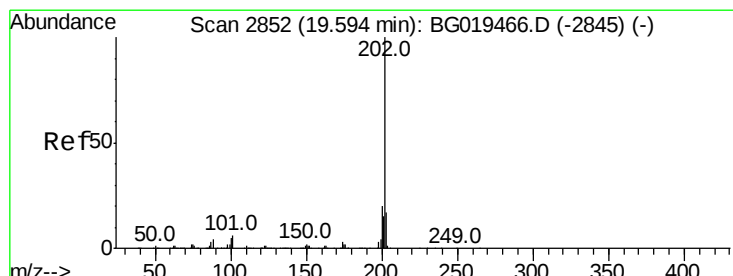
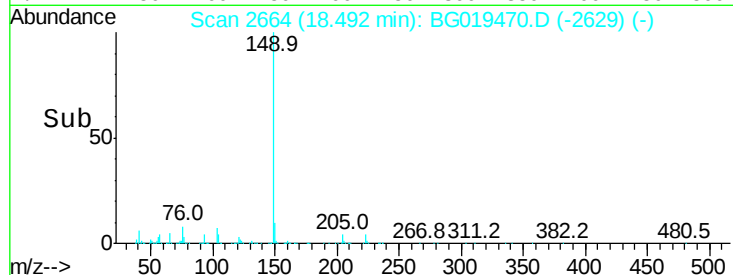
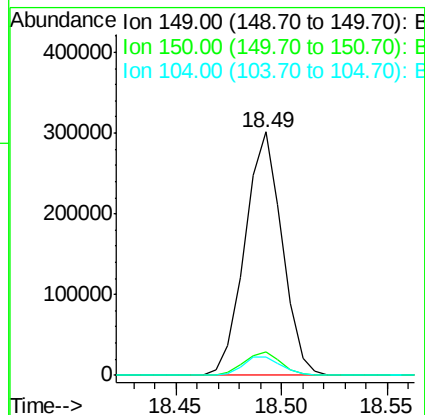
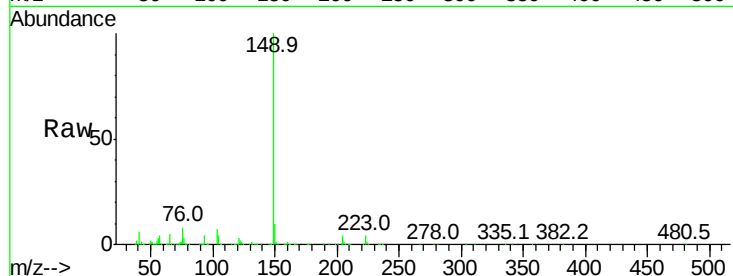
ClientSampleId :

SSTD02031

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 367796 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.6   | 7.5   | 11.3   |
| 104       | 7.4   | 6.9   | 10.3   |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



#77

Fluoranthene

Concen: 20.52 ng/ul

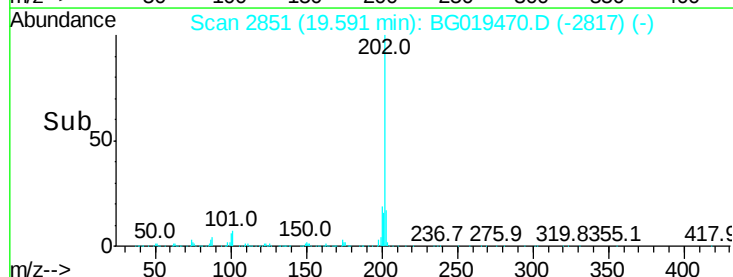
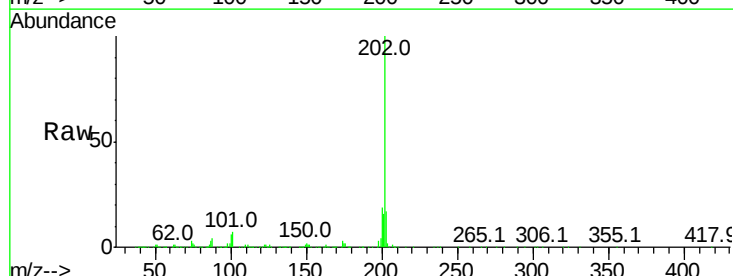
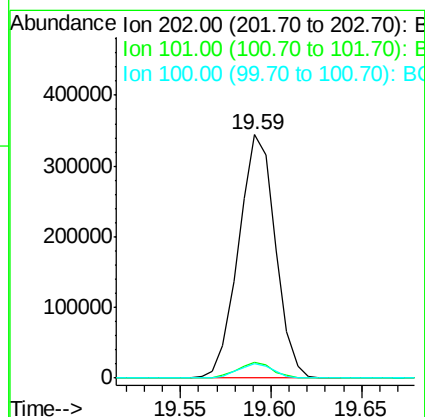
RT: 19.59 min Scan# 2851

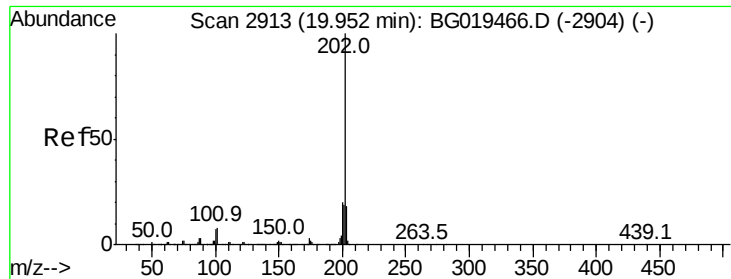
Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 483036 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.7   | 4.0   | 6.0#   |
| 100       | 6.2   | 3.6   | 5.4#   |





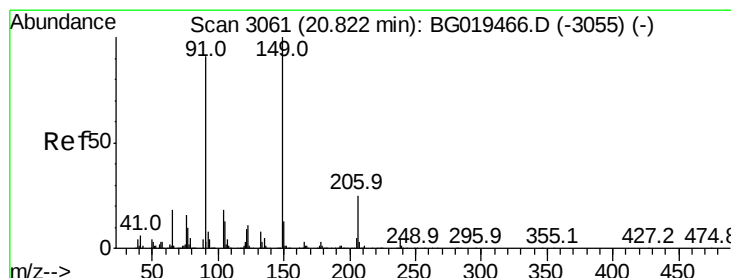
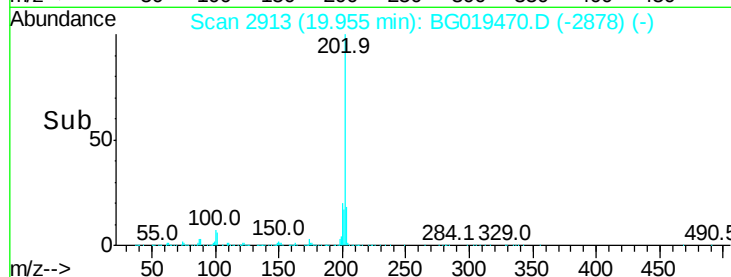
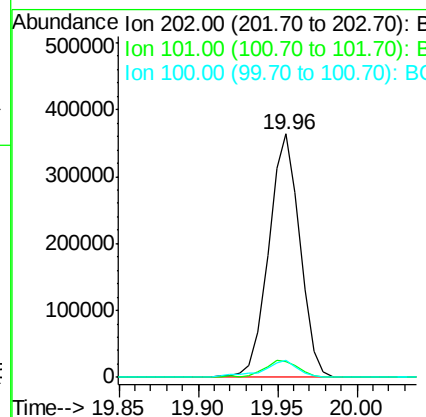
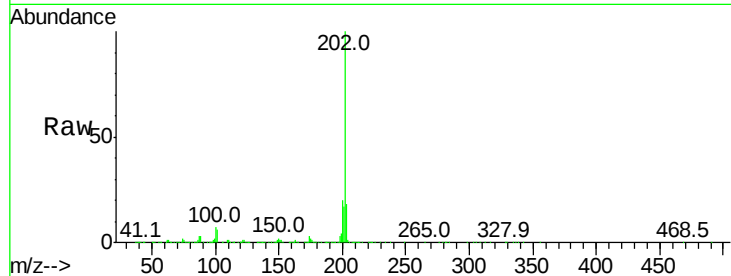
#80  
Pvrene  
Concen: 19.48 ng/ul  
RT: 19.96 min Scan# 2913  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 6.3   | 4.3        | 6.5   |
| 100     | 6.8   | 3.6        | 5.4   |

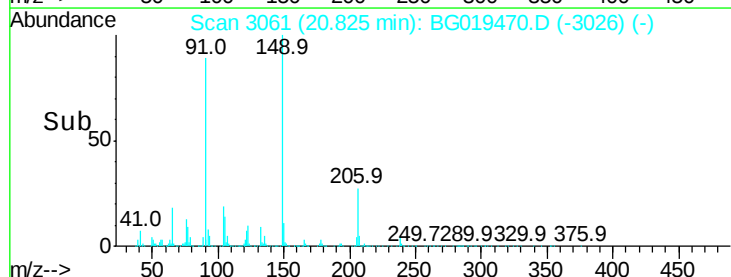
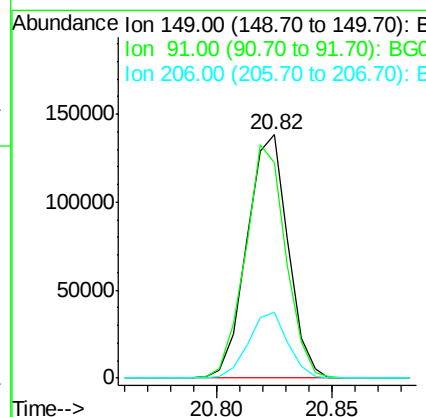
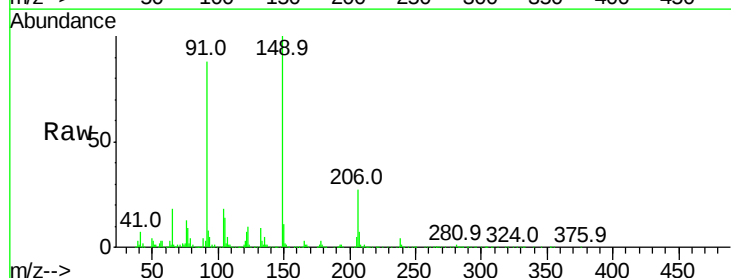
Manual Integrations  
APPROVED

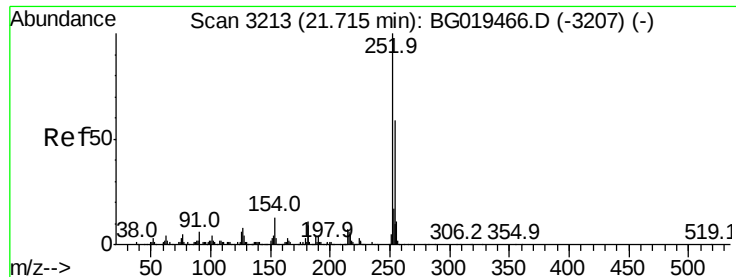
Mmdadoda  
11/4/2015 5:27:16 PM



#81  
Butylbenzylphthalate  
Concen: 20.51 ng/ul  
RT: 20.82 min Scan# 3061  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 88.5  | 76.5       | 114.7 |
| 206     | 26.8  | 22.1       | 33.1  |





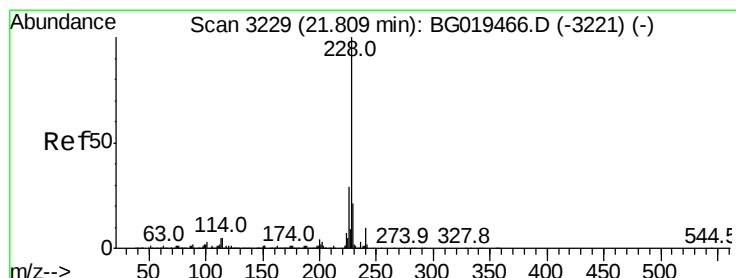
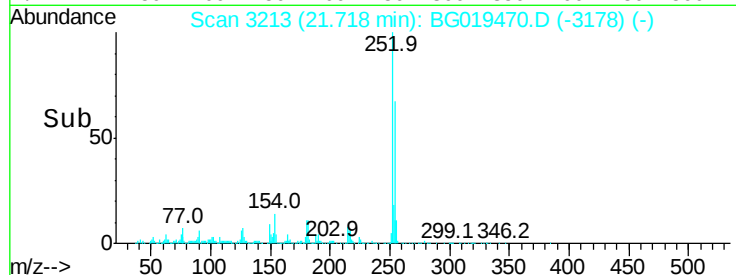
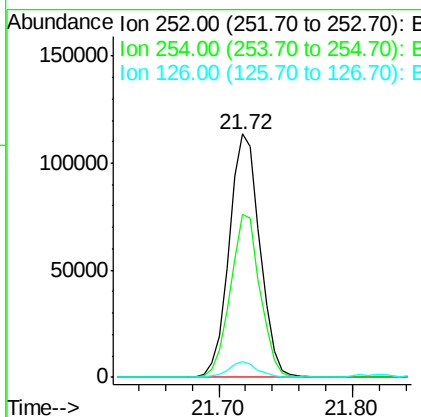
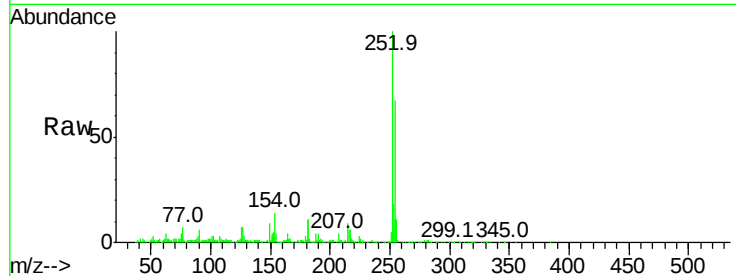
#82  
 3,3'-Dichlorobenzidine  
 Concen: 20.46 ng/ul  
 RT: 21.72 min Scan# 3213  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 66.9  | 49.2       | 73.8  |
| 126     | 6.7   | 4.3        | 6.5   |

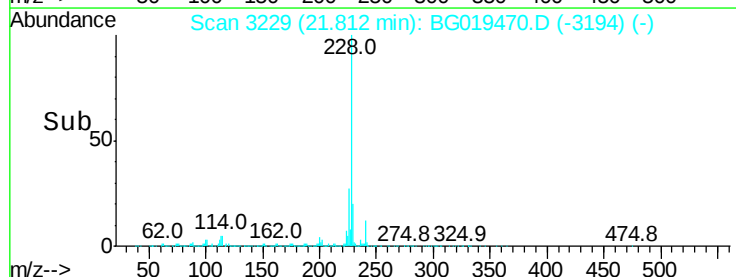
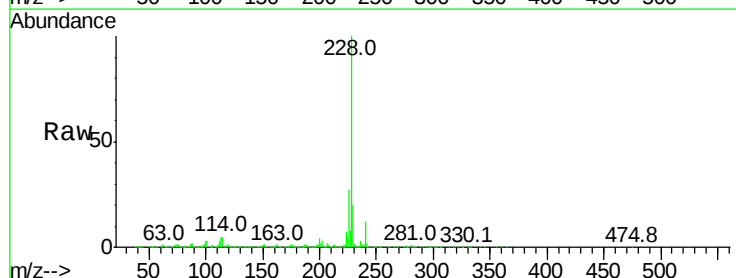
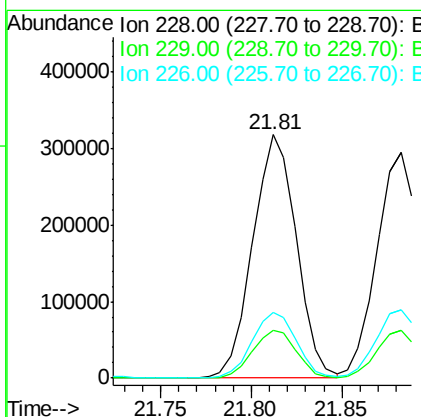
Manual Integrations  
 APPROVED

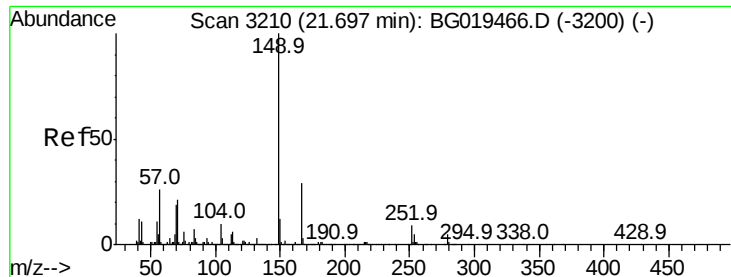
Mmdadoda  
 11/4/2015 5:27:16 PM



#83  
 Benzo(a)anthracene  
 Concen: 20.06 ng/ul  
 RT: 21.81 min Scan# 3229  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 229     | 19.7  | 15.8       | 23.8  |
| 226     | 27.0  | 21.8       | 32.6  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.87 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

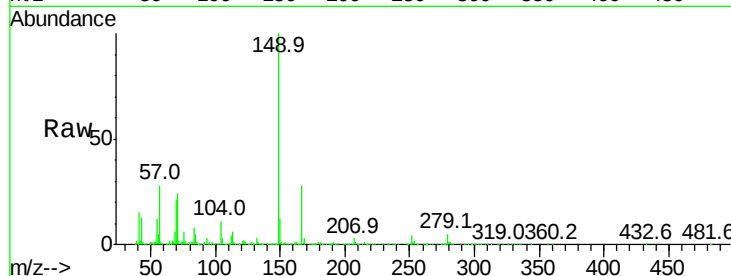
ClientSampleId :

SSTD02031

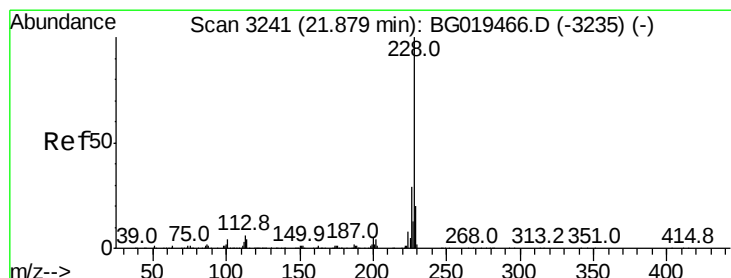
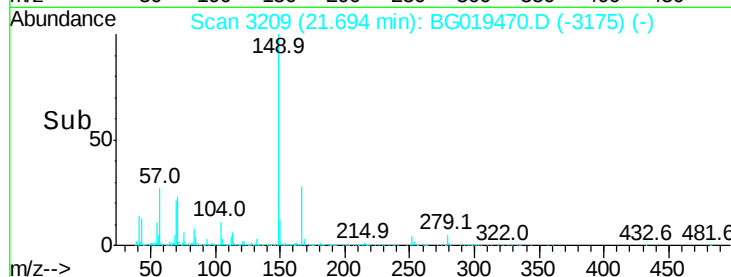
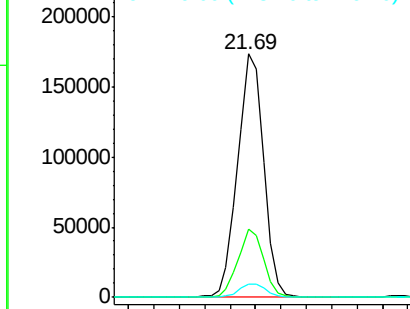
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 246064 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.8  | 23.2  | 34.8   |
| 279       | 5.3   | 5.0   | 7.4    |

Manual Integrations  
APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



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

Chrysene

Concen: 19.36 ng/ul

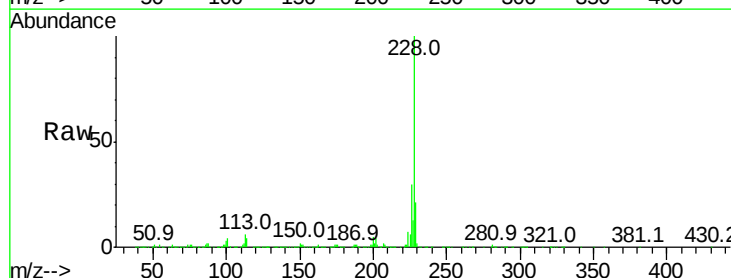
RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

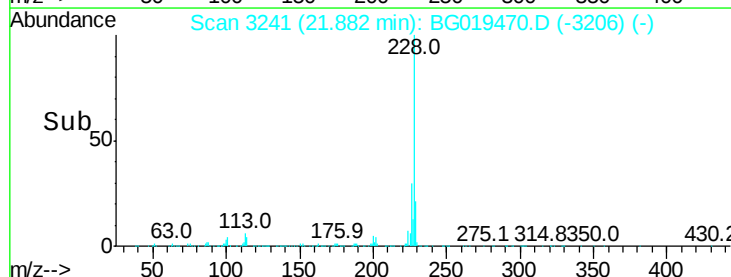
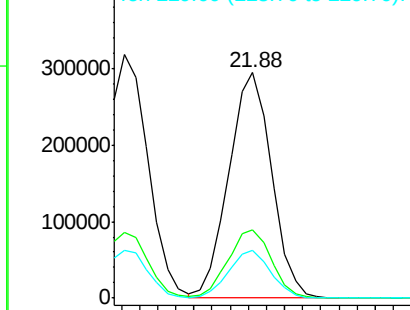
Lab File: BG019470.D

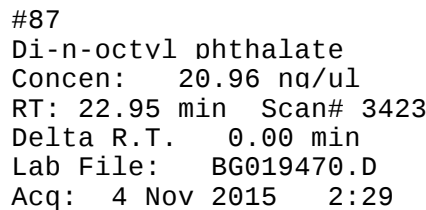
Acq: 4 Nov 2015 2:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 481264 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.0  | 24.6  | 36.8   |
| 229       | 21.3  | 17.3  | 25.9   |



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



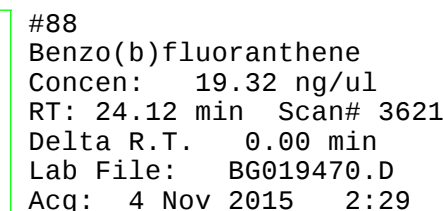
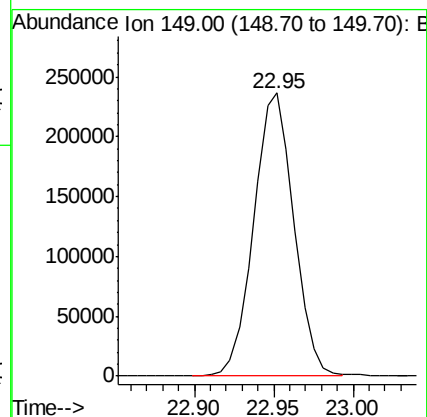


**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTD02031

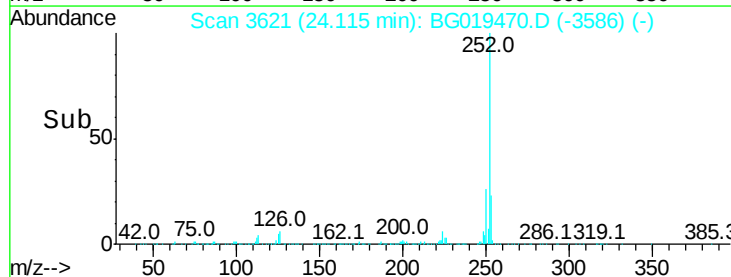
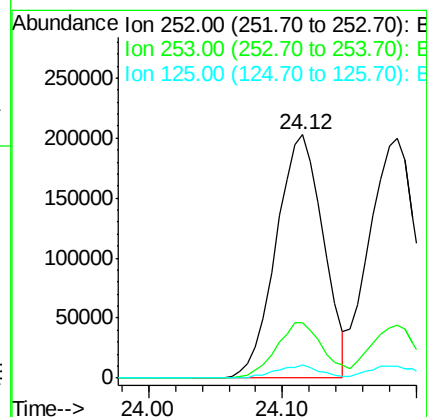
Tgt Ion:149 Resp: 413588

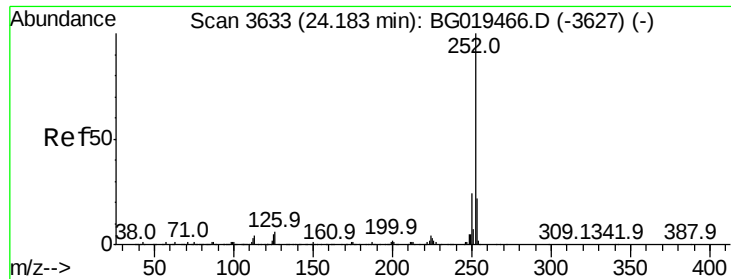
## Manual Integrations APPROVED

Mmdadoda  
11/4/2015 5:27:16 PM



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 496609 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 253 | 22.7    | 17.1  | 25.7   |
| 125 | 5.3     | 2.5   | 3.7#   |





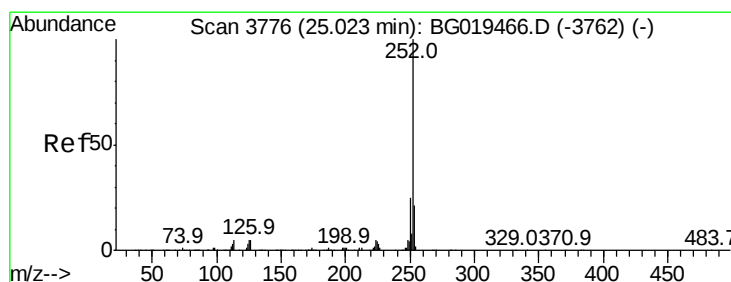
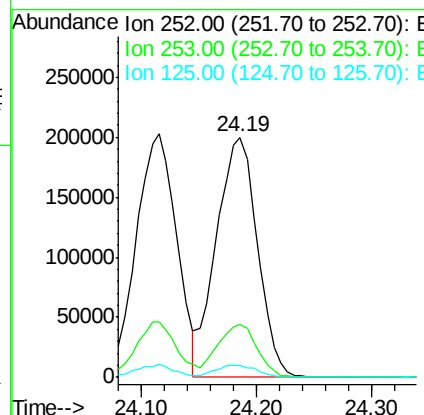
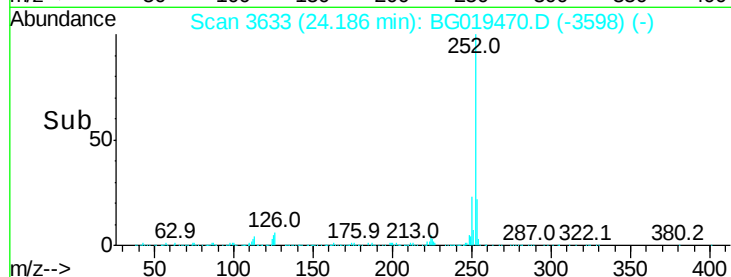
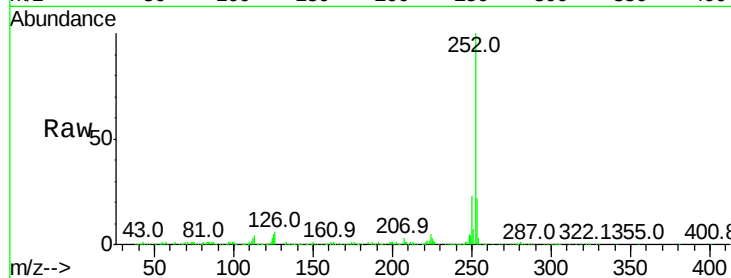
#89  
Benzo(k)fluoranthene  
Concen: 19.93 ng/ul  
RT: 24.19 min Scan# 3633  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.2  | 25.8  |
| 125     | 4.7   | 3.1   | 4.7#  |

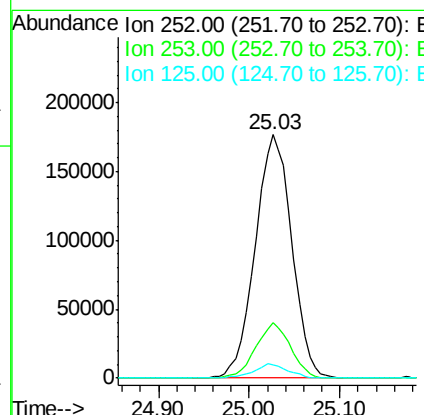
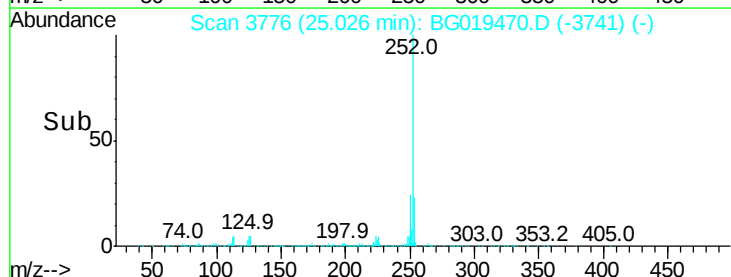
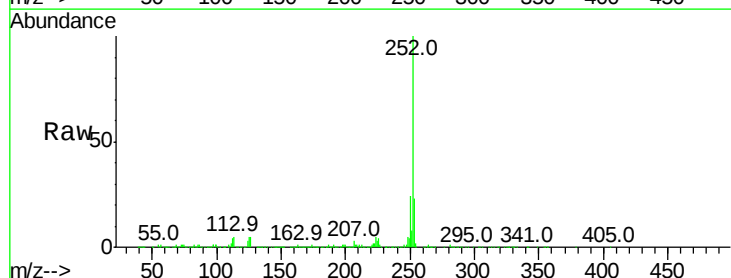
Manual Integrations  
APPROVED

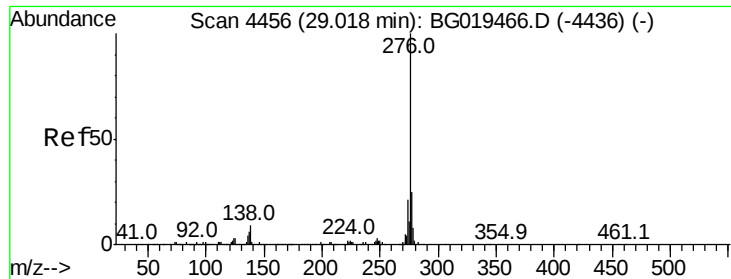
Mmdadoda  
11/4/2015 5:27:16 PM



#91  
Benzo(a)pyrene  
Concen: 19.84 ng/ul  
RT: 25.03 min Scan# 3776  
Delta R.T. 0.00 min  
Lab File: BG019470.D  
Acq: 4 Nov 2015 2:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 16.0  | 24.0  |
| 125     | 5.2   | 3.3   | 4.9#  |





#92

Indeno(1,2,3-cd)pyrene

Concen: 19.89 ng/ul

RT: 29.03 min Scan# 4457

Delta R.T. 0.01 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

Instrument :

BNA\_G

ClientSampleId :

SSTD02031

Tot Ion:276 Resp: 553308

Ion Ratio Lower Upper

276 100

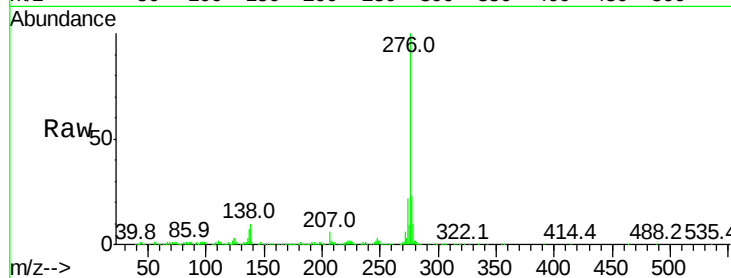
138 9.7 6.2 9.4#

277 22.6 17.9 26.9

Manual Integrations  
APPROVED

Mmdadoda

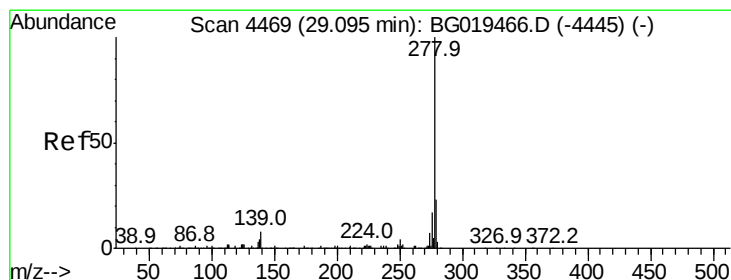
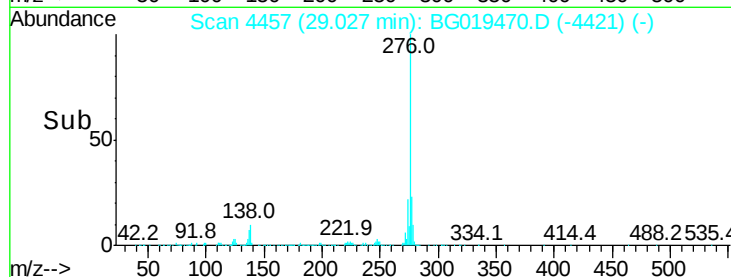
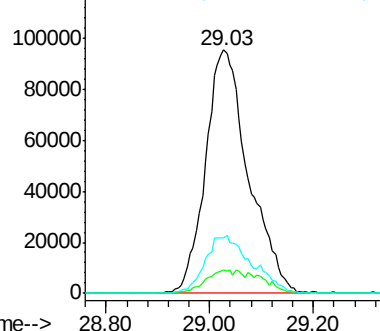
11/4/2015 5:27:16 PM



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



#93

Dibenzo(a,h)anthracene

Concen: 19.30 ng/ul

RT: 29.09 min Scan# 4468

Delta R.T. -0.00 min

Lab File: BG019470.D

Acq: 4 Nov 2015 2:29

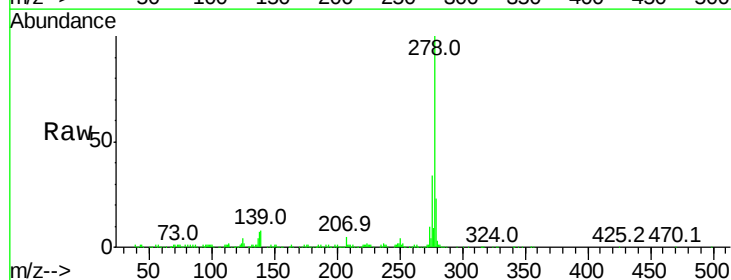
Tgt Ion:278 Resp: 448225

Ion Ratio Lower Upper

278 100

139 7.5 5.8 8.6

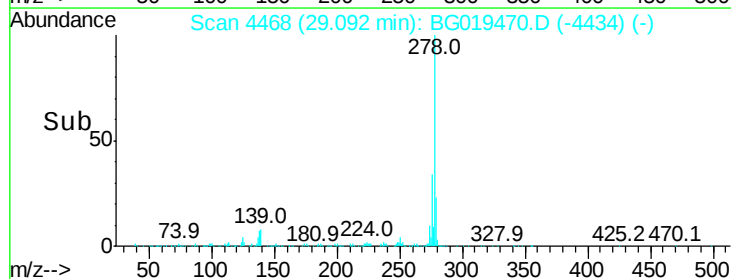
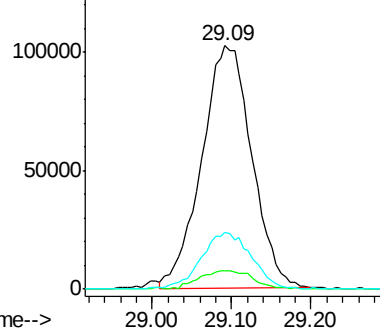
279 23.2 20.3 30.5

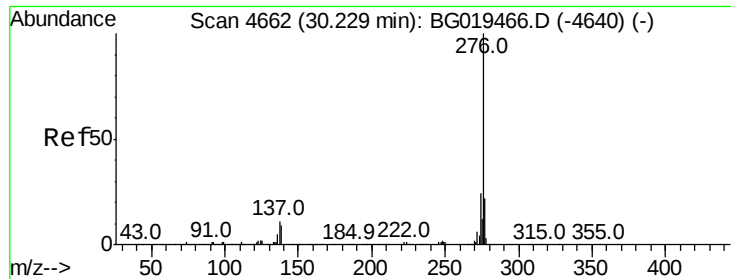


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94  
 Benzo(a,h,i)perylene  
 Concen: 20.89 ng/ul  
 RT: 30.23 min Scan# 4662  
 Delta R.T. 0.00 min  
 Lab File: BG019470.D  
 Acq: 4 Nov 2015 2:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02031

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 9.4   | 5.6   | 8.4#  |
| 277     | 24.4  | 16.0  | 24.0# |

Manual Integrations  
 APPROVED

Mmdadoda  
 11/4/2015 5:27:16 PM

