

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\  
 Data File : BG023420.D  
 Acq On : 3 Aug 2016 10:57  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 8/4/2016 6:09:26 PM

Quant Time: Aug 04 03:08:00 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 19:22:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 125963   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.95 | 136  | 589468   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 428264   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.54 | 188  | 1080617  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 1085509  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.24 | 264  | 1037949  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 612469  | 81.85 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 941861  | 80.81 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 932985  | 78.69 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.28 | 330 | 522824  | 83.46 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.40 | 172 | 1942508 | 76.50 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 2739145 | 77.21 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 121118  | 37.99 | ng | # 92   |
| 3) Pyridine                    | 3.93  | 79  | 381633  | 36.42 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 155846  | 40.12 | ng | # 79   |
| 6) Aniline                     | 7.44  | 93  | 561568  | 33.35 | ng | 94     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 330657  | 38.46 | ng | 93     |
| 9) Benzaldehyde                | 7.25  | 77  | 281015  | 43.28 | ng | 94     |
| 10) Phenol                     | 7.30  | 94  | 473988  | 38.01 | ng | # 80   |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 380999  | 38.31 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 371037  | 37.70 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 386937  | 38.40 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 362808  | 36.71 | ng | 91     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 358855  | 40.63 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 545224  | 37.27 | ng | 90     |
| 17) 2-Methylphenol             | 8.57  | 107 | 322229  | 38.55 | ng | # 84   |
| 18) Hexachloroethane           | 9.21  | 117 | 143183  | 37.75 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 372409  | 37.15 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.89  | 107 | 457384  | 38.81 | ng | 90     |
| 22) Acetophenone               | 8.95  | 105 | 619479  | 38.38 | ng | # 90   |
| 24) Nitrobenzene               | 9.34  | 77  | 538334  | 41.00 | ng | # 90   |
| 25) Isophorone                 | 9.86  | 82  | 1016285 | 41.15 | ng | # 95   |
| 26) 2-Nitrophenol              | 10.06 | 139 | 225107  | 40.62 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 370014  | 39.21 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93  | 524459  | 35.33 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 381740  | 40.23 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180 | 390882  | 38.20 | ng | 95     |
| 31) Naphthalene                | 11.00 | 128 | 1130664 | 37.67 | ng | 99     |
| 32) Benzoic acid               | 10.26 | 122 | 304633  | 36.80 | ng | 88     |
| 33) 4-Chloroaniline            | 11.11 | 127 | 491524  | 34.25 | ng | # 90   |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 266094  | 39.54 | ng | 95     |
| 35) Caprolactam                | 11.90 | 113 | 160951  | 40.32 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 495827  | 39.78 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 858818m | 37.63 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 583516  | 37.57 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 290658  | 37.11 | ng | 97     |

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 Misc :  
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Instrument :  
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Manual Integrations  
 APPROVED

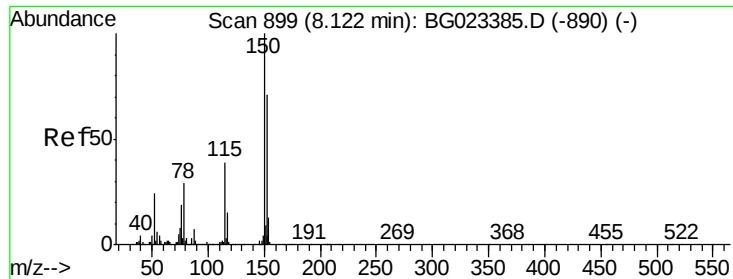
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 8/4/2016 6:09:26 PM

Quant Time: Aug 04 03:08:00 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 364502   | 39.40 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 379826   | 39.88 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 13.61 | 154  | 1230082  | 37.57 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.66 | 162  | 948612   | 37.46 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 399531   | 37.99 | nq    | 90       |
| 48) Acenaphthylene             | 14.50 | 152  | 1541537  | 38.50 | nq    | 98       |
| 49) Dimethylphthalate          | 14.23 | 163  | 1357758  | 41.32 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.36 | 165  | 306143   | 39.34 | nq    | # 82     |
| 51) Acenaphthene               | 14.85 | 154  | 967601   | 38.15 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 336112   | 38.31 | nq    | 83       |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 209465   | 41.99 | nq    | 87       |
| 54) Dibenzofuran               | 15.18 | 168  | 1414715  | 38.42 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.01 | 139  | 249393   | 36.19 | nq    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 459524   | 42.08 | nq    | 92       |
| 57) Fluorene                   | 15.84 | 166  | 1271730  | 39.58 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 357302m  | 40.88 | nq    |          |
| 59) Diethylphthalate           | 15.59 | 149  | 1383406  | 41.48 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204  | 668414   | 39.31 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 356602   | 38.17 | nq    | # 64     |
| 62) Azobenzene                 | 16.11 | 77   | 1336095  | 39.52 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 311635   | 42.42 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.04 | 169  | 1164755  | 36.75 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.72 | 248  | 478312   | 37.98 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.84 | 284  | 517178   | 37.53 | nq    | 96       |
| 68) Atrazine                   | 16.99 | 200  | 488829   | 40.16 | nq    | 95       |
| 69) Pentachlorophenol          | 17.19 | 266  | 328621   | 40.91 | nq    | 95       |
| 70) Phenanthrene               | 17.59 | 178  | 2058244  | 37.54 | nq    | 96       |
| 71) Anthracene                 | 17.68 | 178  | 2100376  | 38.08 | nq    | 98       |
| 72) Carbazole                  | 17.95 | 167  | 1925750  | 39.76 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 2230081  | 45.49 | nq    | 98       |
| 74) Fluoranthene               | 19.60 | 202  | 2388872  | 46.65 | nq    | 95       |
| 76) Benzydine                  | 19.78 | 184  | 1016318  | 33.68 | nq    | 100      |
| 77) Pyrene                     | 19.96 | 202  | 2433088  | 38.26 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1032037  | 39.48 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 2244708  | 37.46 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 905312   | 36.84 | nq    | # 94     |
| 82) Chrysene                   | 21.91 | 228  | 2134396  | 37.44 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1390956  | 38.86 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2247262  | 36.79 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.10 | 276  | 2566950  | 36.03 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.16 | 252  | 2243248  | 38.41 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.23 | 252  | 2167400  | 38.64 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 25.08 | 252  | 2147975  | 38.67 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 29.18 | 278  | 2160512  | 38.08 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 30.32 | 276  | 2128388  | 37.25 | nq    | # 93     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

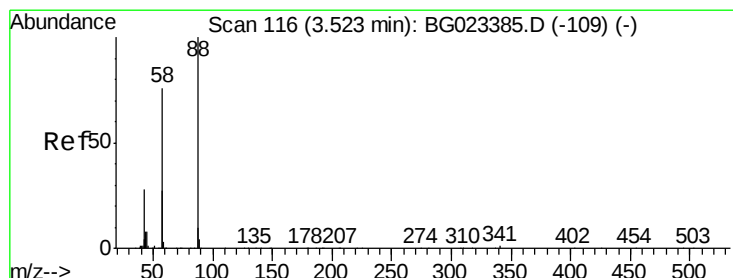
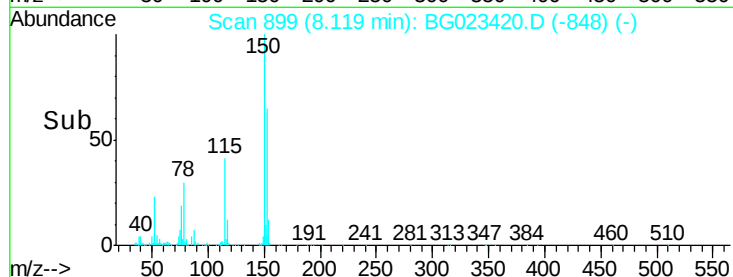
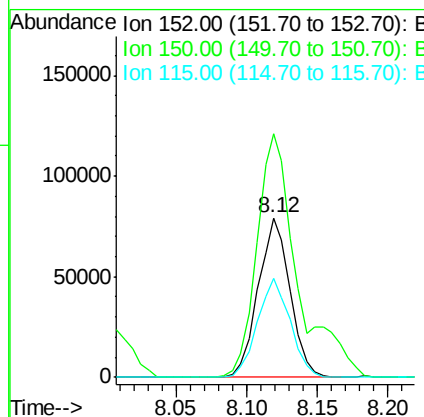
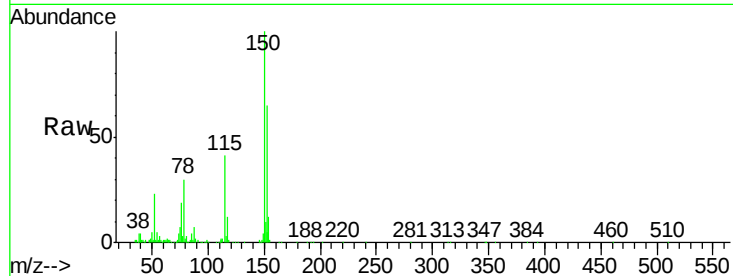
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 144.7 | 217.1 |
| 115     | 62.0  | 64.0  | 96.0  |

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#2

1,4-Dioxane

Concen: 37.99 ng

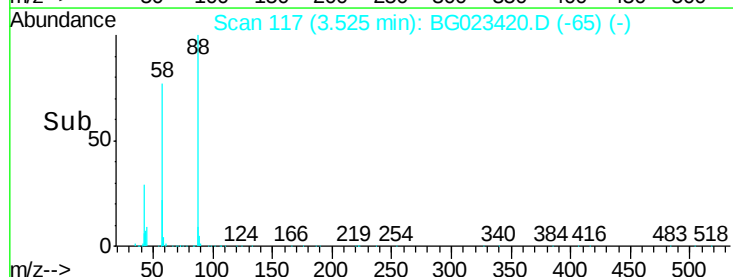
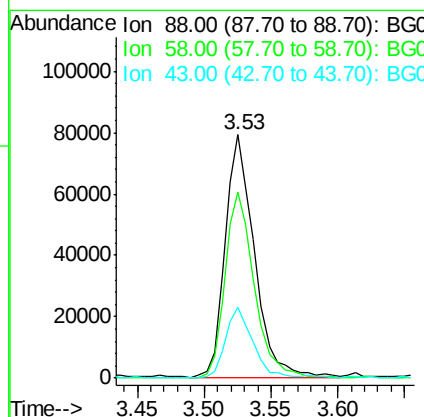
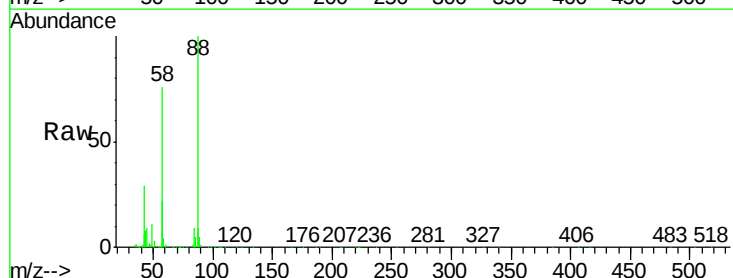
RT: 3.53 min Scan# 117

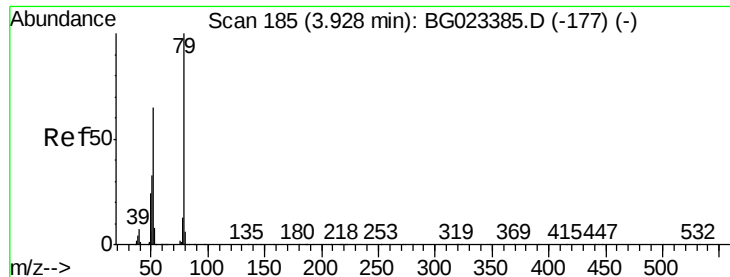
Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.1  | 60.4  | 90.6  |
| 43      | 27.7  | 31.1  | 46.7  |





#3

Pvridine

Concen: 36.42 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

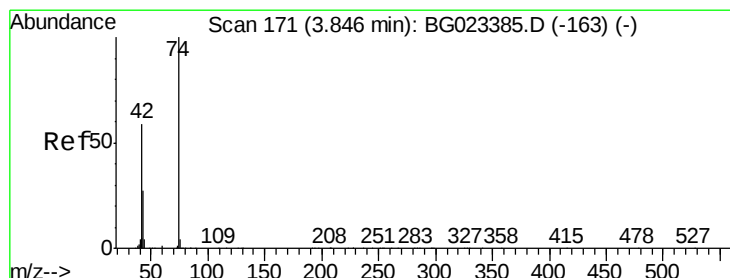
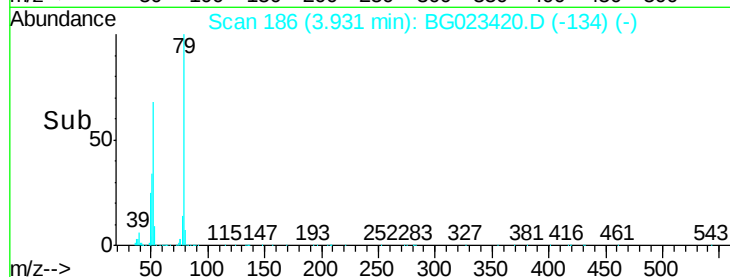
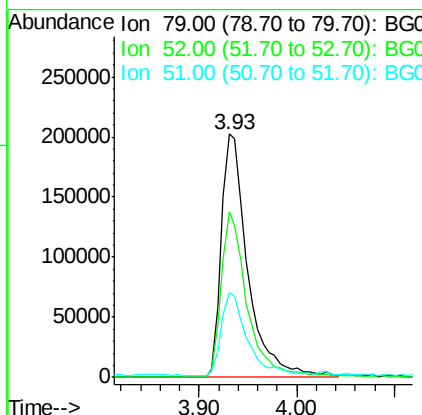
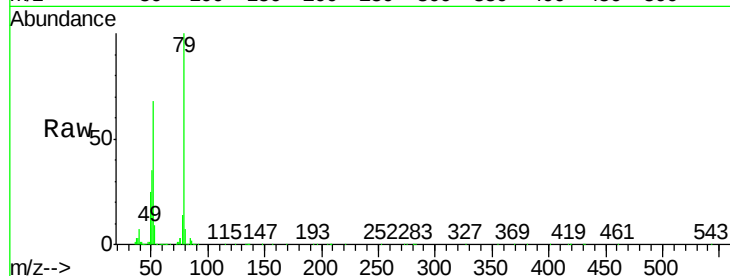
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 381633 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 68.2  | 51.8  | 77.8   |
| 51        | 34.7  | 32.7  | 49.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.12 ng

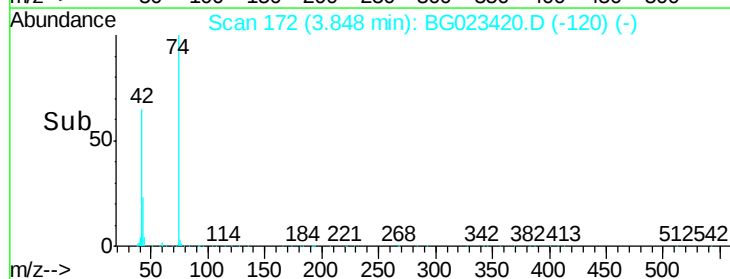
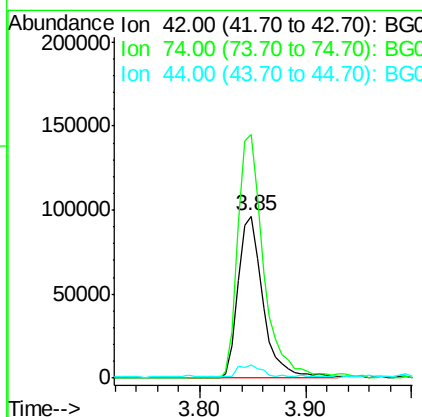
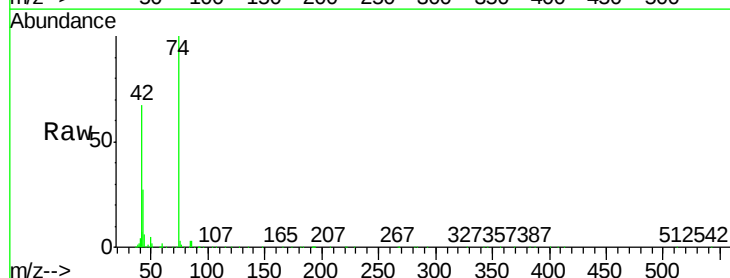
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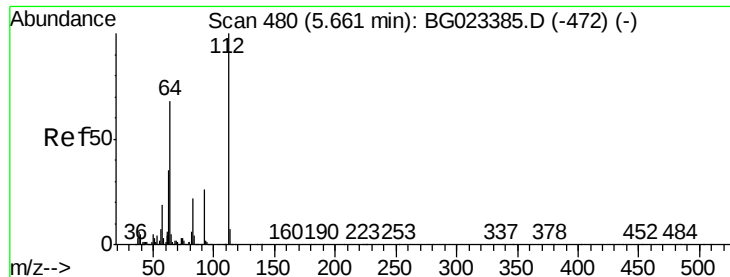
Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 155846 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 150.3 | 100.6 | 150.8  |
| 44        | 8.4   | 4.5   | 6.7#   |





#5

2-Fluorophenol

Concen: 81.85 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

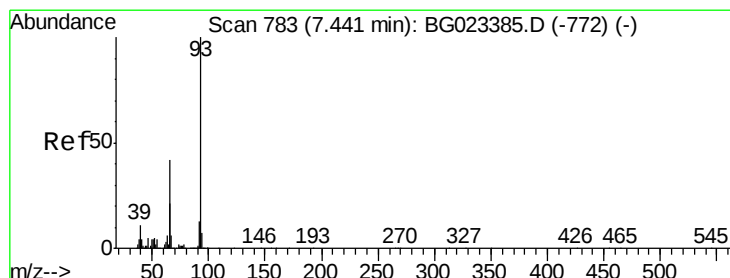
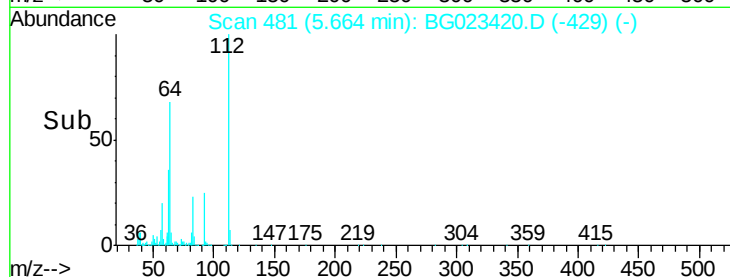
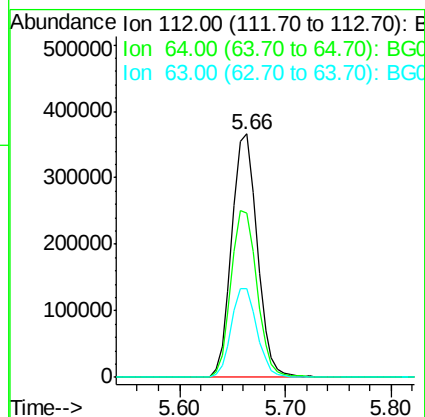
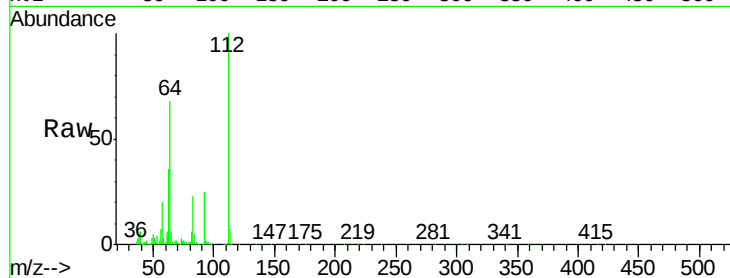
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 612469 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.7  | 59.0  | 88.4   |
| 63        | 36.2  | 37.8  | 56.8#  |

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#6

Aniline

Concen: 33.35 ng

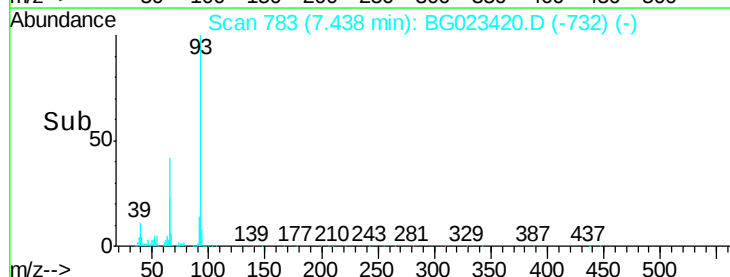
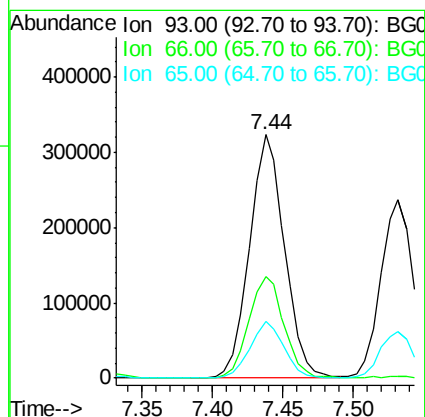
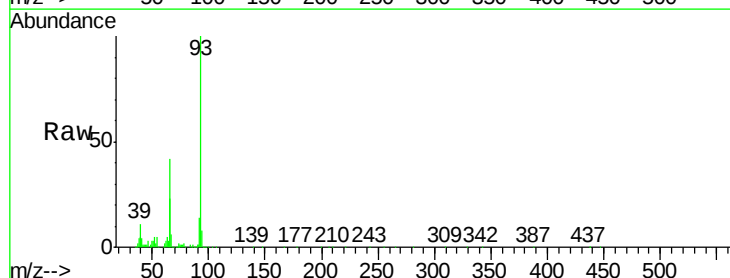
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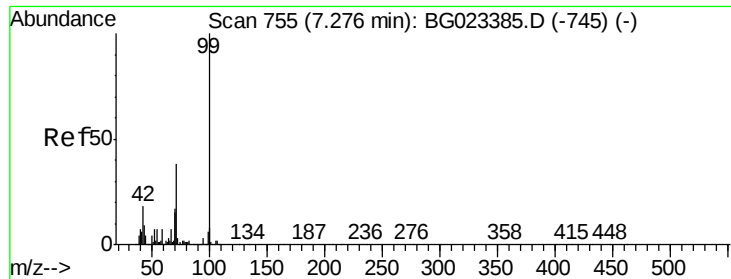
Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 561568 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.6  | 37.5  | 56.3   |
| 65        | 23.4  | 17.9  | 26.9   |





#7

Phenol-d6

Concen: 80.81 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

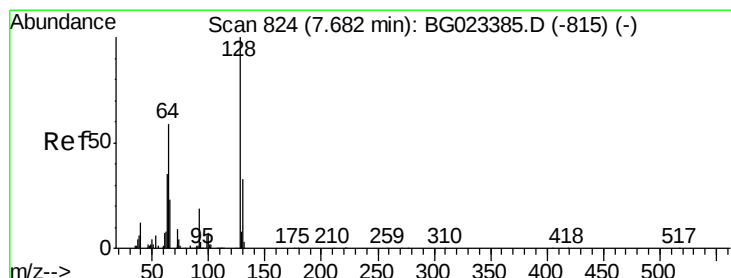
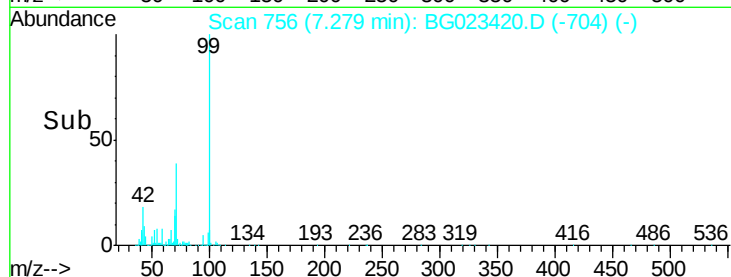
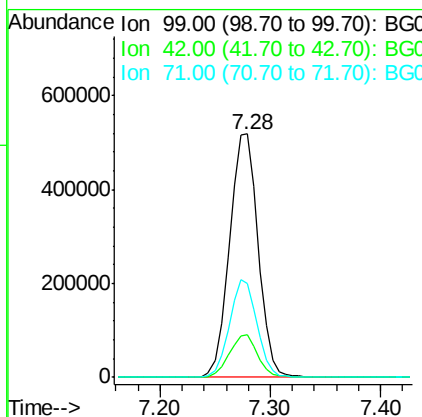
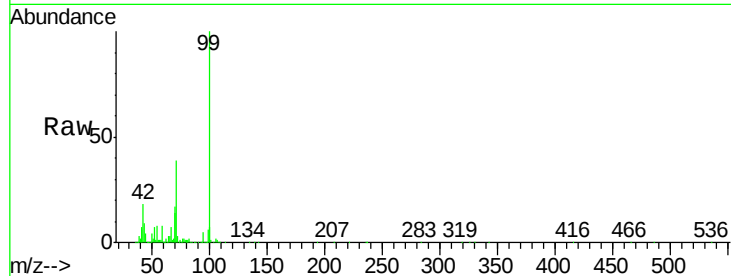
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 941861 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.8  | 17.8  | 26.6#  |
| 71        | 38.8  | 41.5  | 62.3#  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 38.46 ng

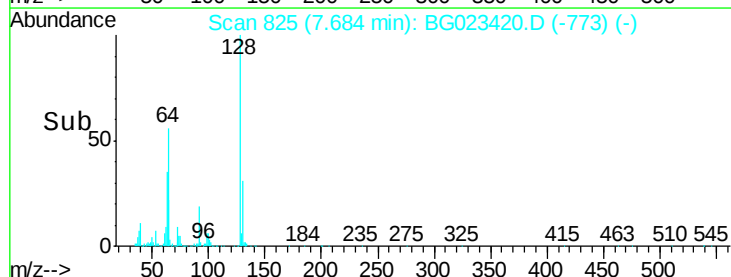
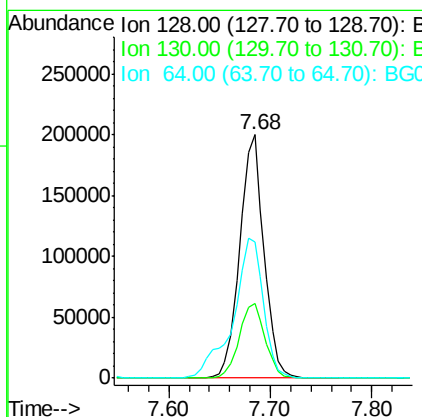
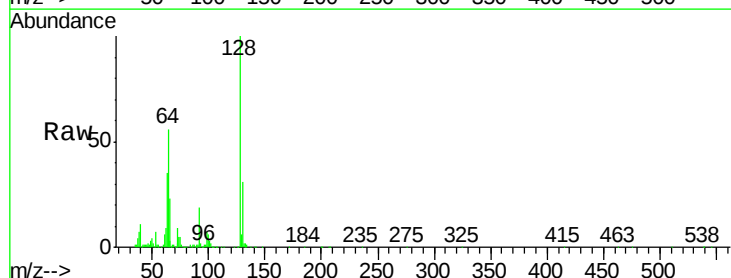
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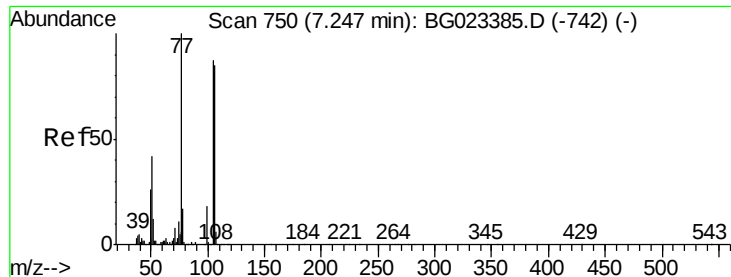
Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 330657 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.8  | 12.9  | 52.9   |
| 64        | 55.8  | 42.0  | 82.0   |





#9

Benzaldehyde

Concen: 43.28 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

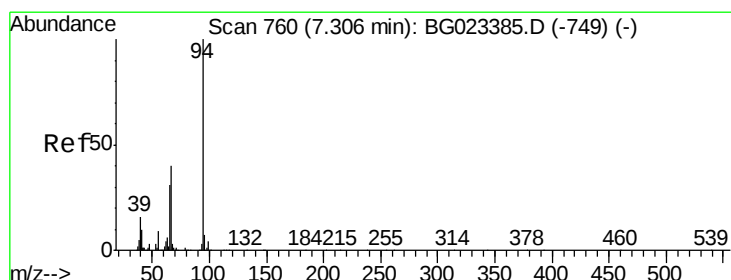
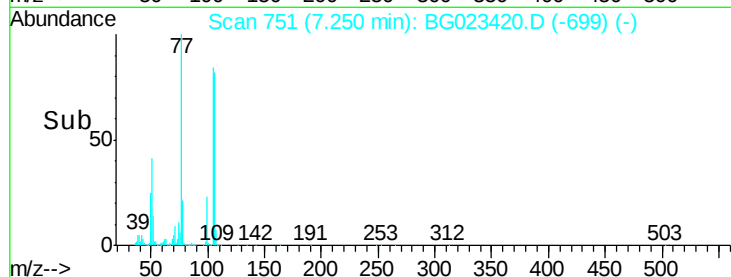
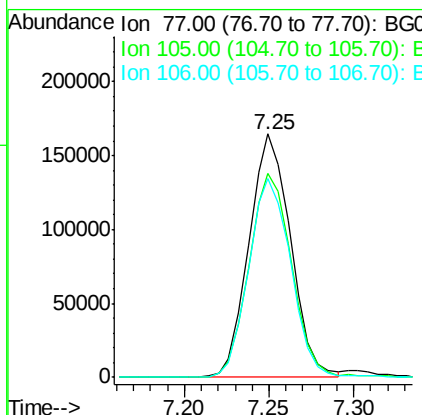
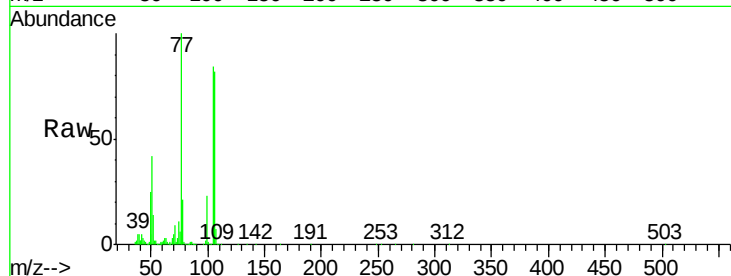
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 281015 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 83.7  | 58.7  | 98.7   |
| 106       | 81.9  | 67.5  | 107.5  |

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#10

Phenol

Concen: 38.01 ng

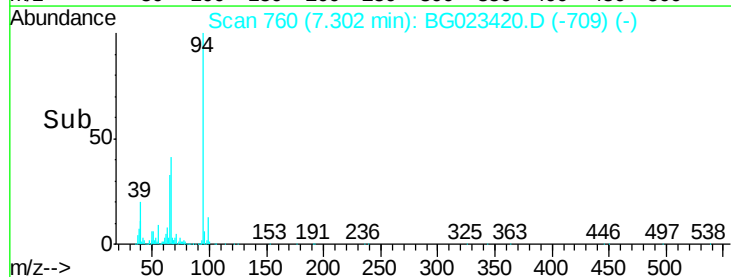
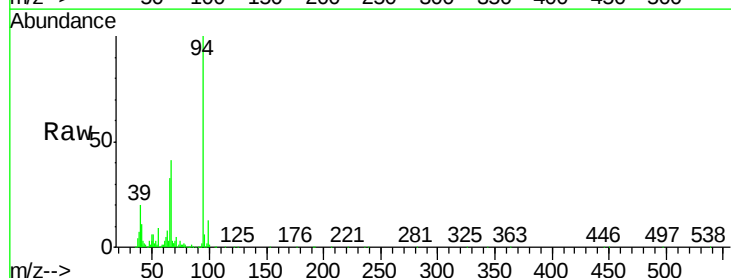
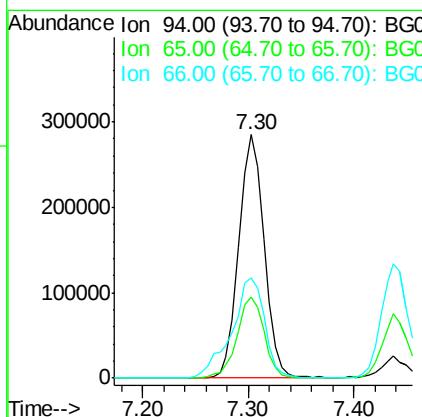
RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 473988 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.1  | 18.1  | 58.1   |
| 66        | 41.2  | 42.1  | 82.1#  |





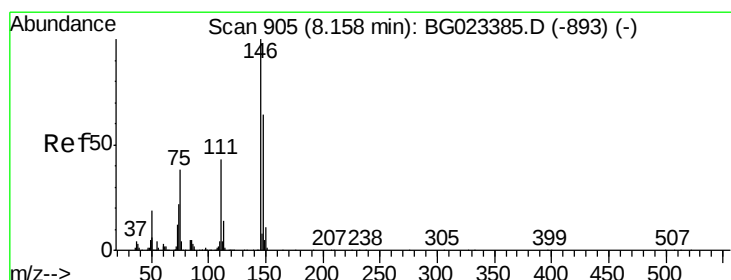
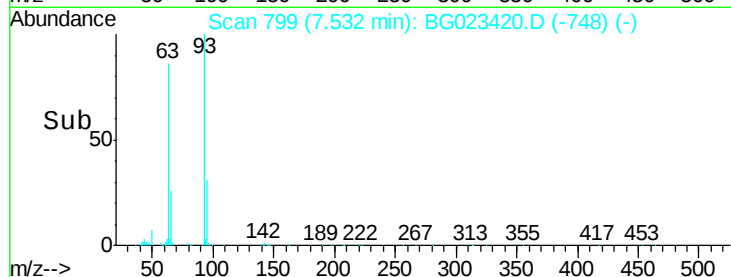
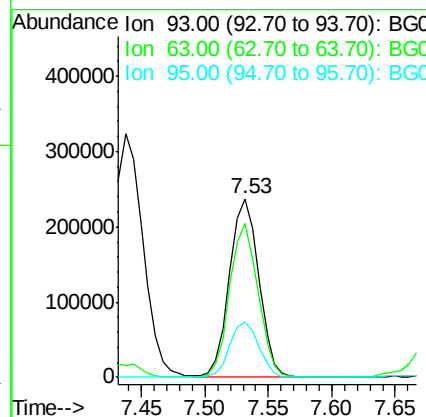
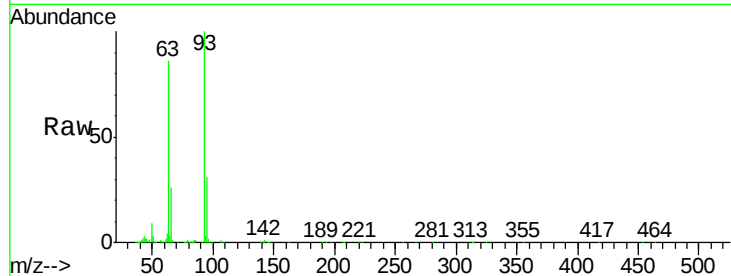
#11  
bis(2-Chloroethyl)ether  
Concen: 38.31 ng  
RT: 7.53 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | 93    | Resp  | 380999 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 86.0  | 55.0  | 95.0   |
| 95      | 31.3  | 11.0  | 51.0   |

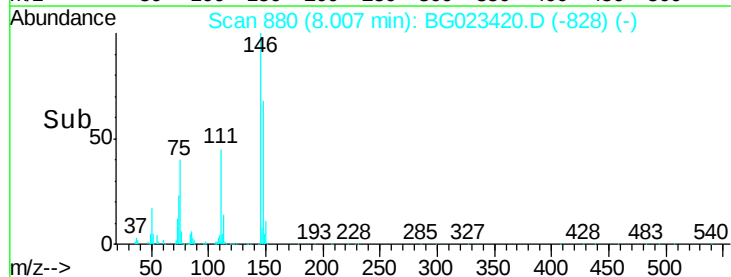
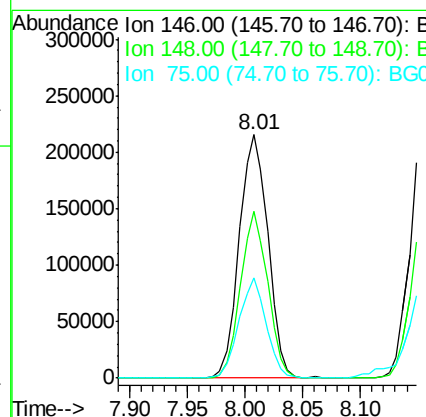
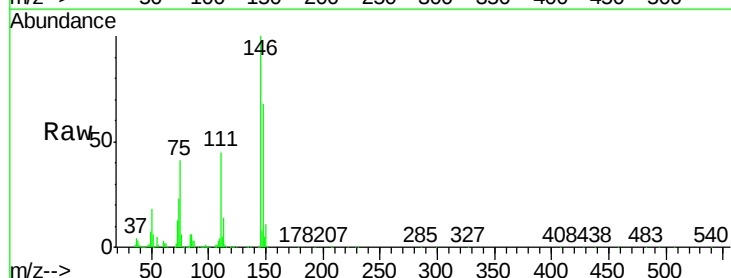
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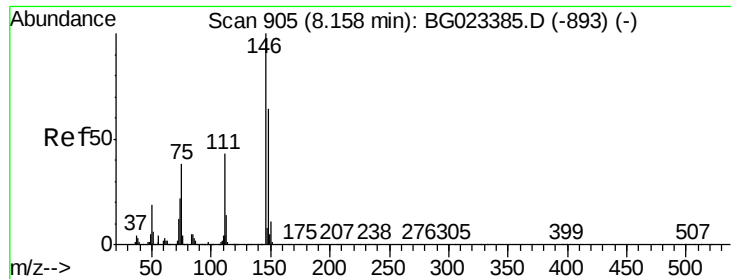
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#12  
1,3-Dichlorobenzene  
Concen: 37.70 ng  
RT: 8.01 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | 146   | Resp  | 371037 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 68.3  | 50.3  | 75.5   |
| 75      | 41.2  | 37.0  | 55.6   |





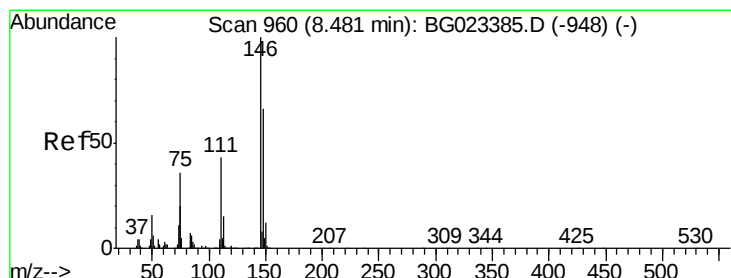
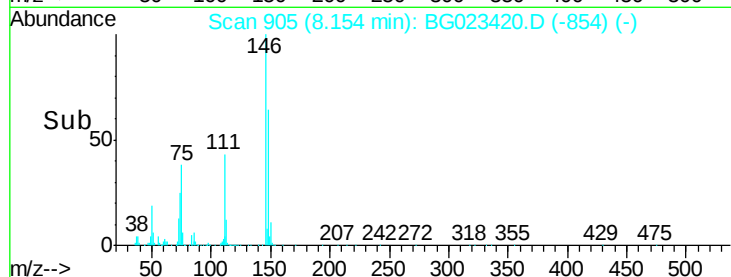
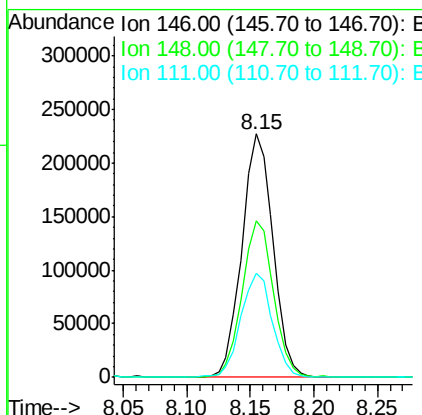
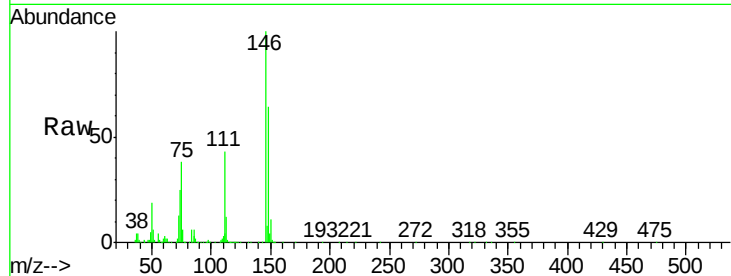
#13  
1,4-Dichlorobenzene  
Concen: 38.40 ng  
RT: 8.15 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 54.5  | 81.7  |
| 111     | 42.7  | 37.8  | 56.8  |

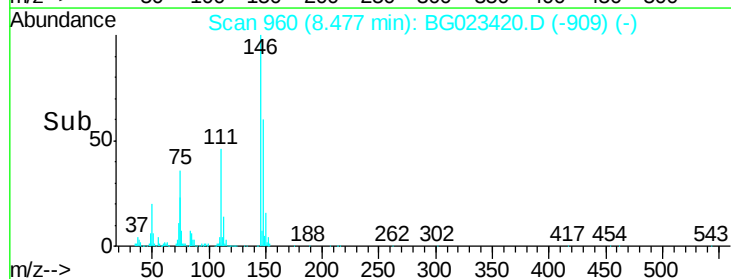
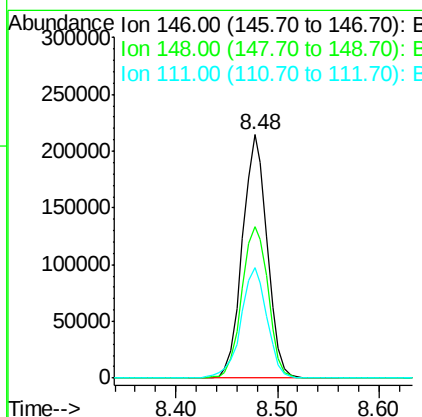
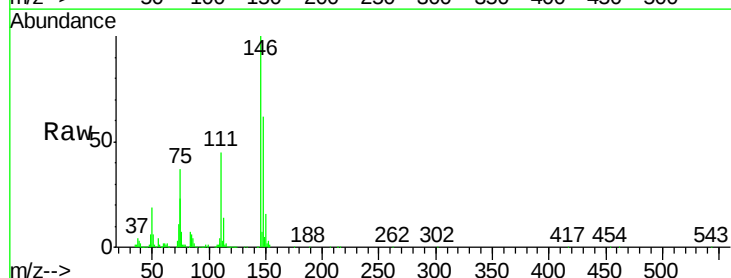
Manual Integrations  
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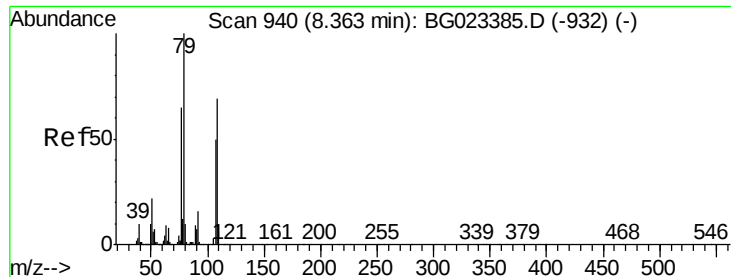
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#14  
1,2-Dichlorobenzene  
Concen: 36.71 ng  
RT: 8.48 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 52.9  | 79.3  |
| 111     | 45.1  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 40.63 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

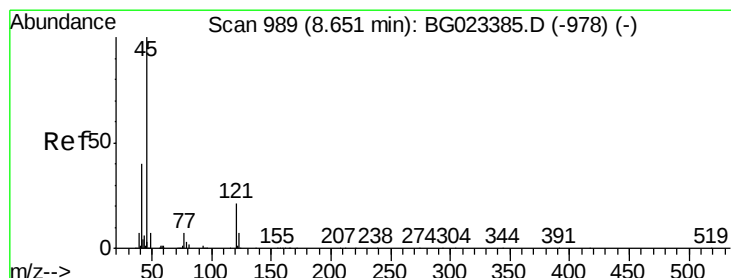
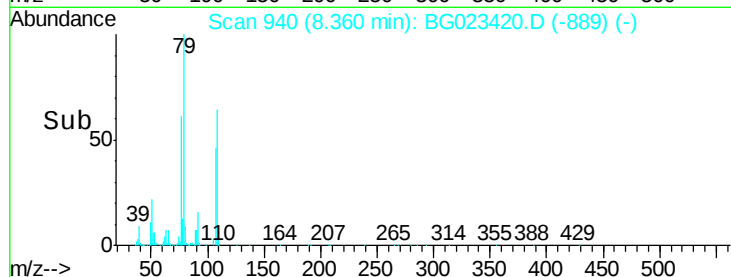
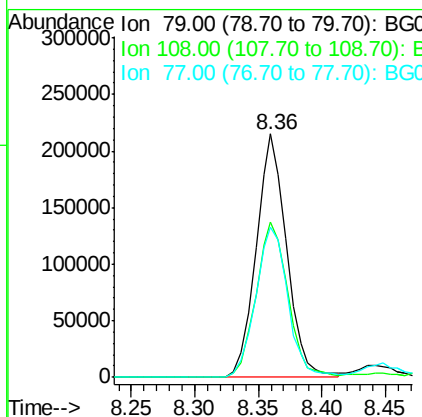
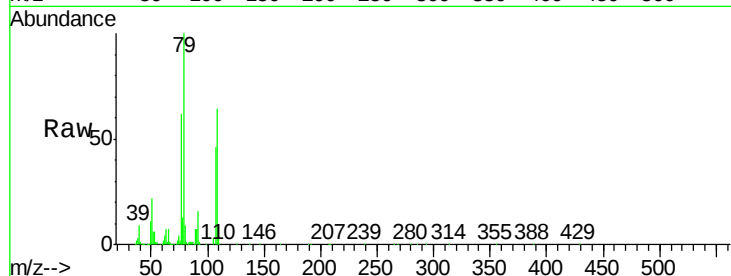
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 358855 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.7  | 46.5  | 69.7   |
| 77        | 61.5  | 52.3  | 78.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.27 ng

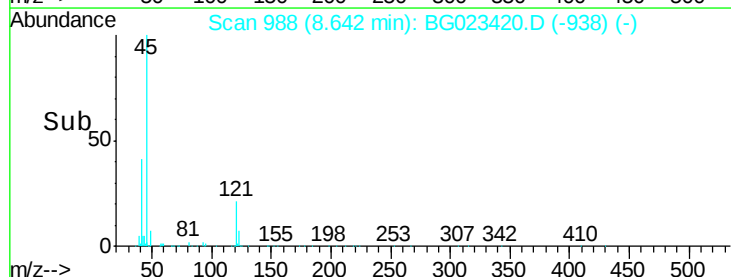
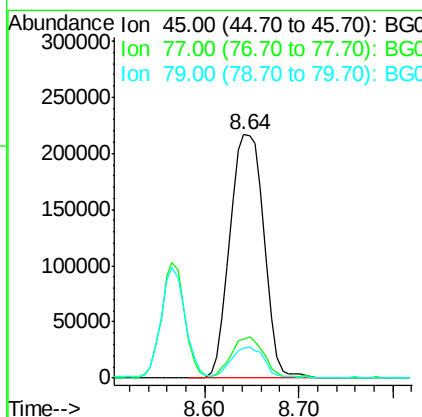
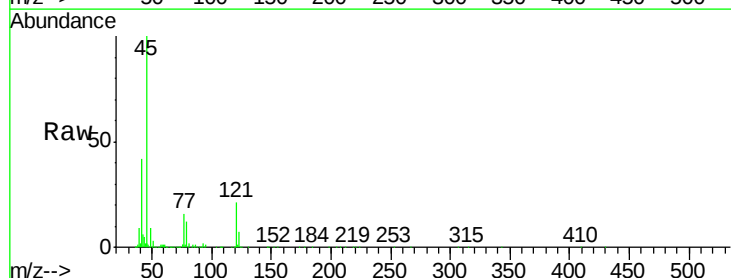
RT: 8.64 min Scan# 988

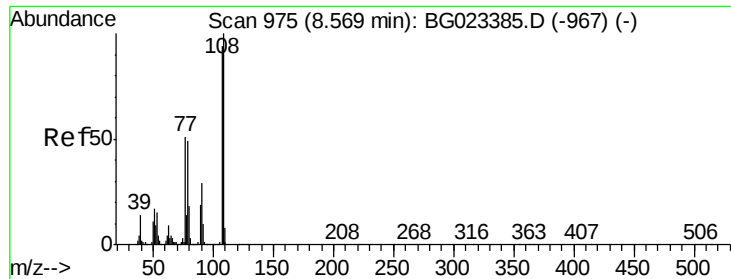
Delta R.T. -0.01 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 545224 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.8  | 0.6   | 40.6   |
| 79        | 12.2  | 0.0   | 36.2   |





#17

2-Methylphenol

Concen: 38.55 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

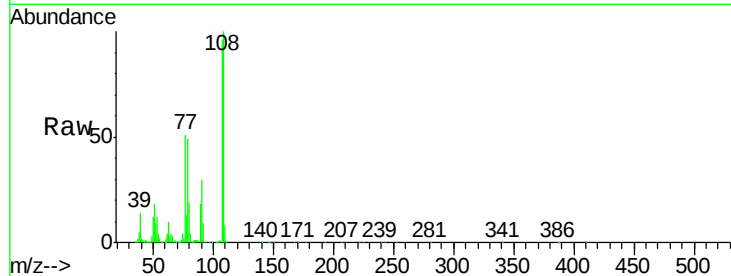
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 104.3 | 92.0 | 138.0 |       |
| 77      | 53.4  | 55.8 | 83.6  |       |
| 79      | 51.1  | 55.0 | 82.6  |       |

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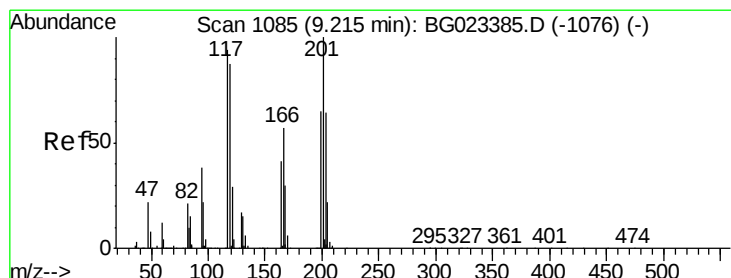
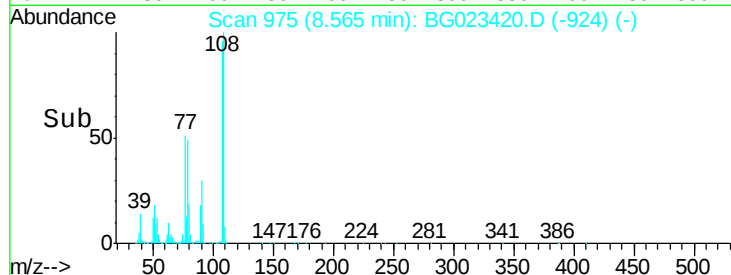
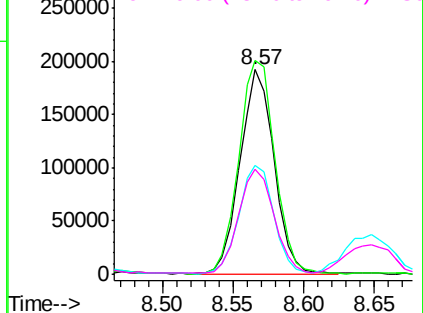
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.75 ng

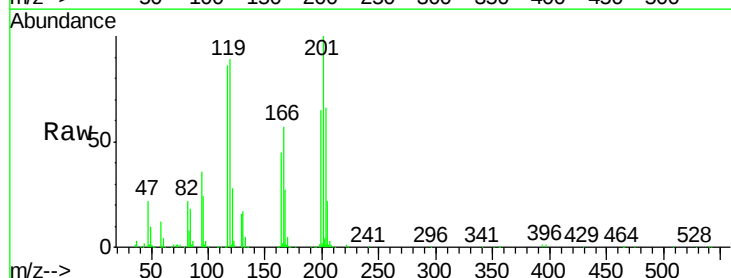
RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 103.9 | 73.7 | 110.5 |       |
| 201     | 116.3 | 88.7 | 133.1 |       |

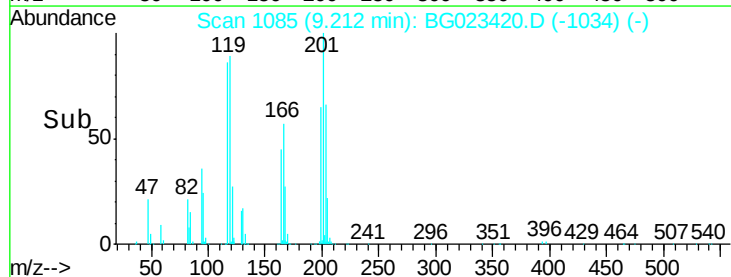
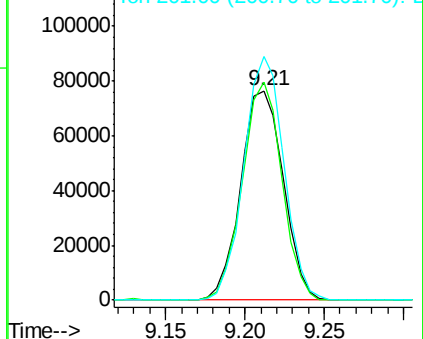


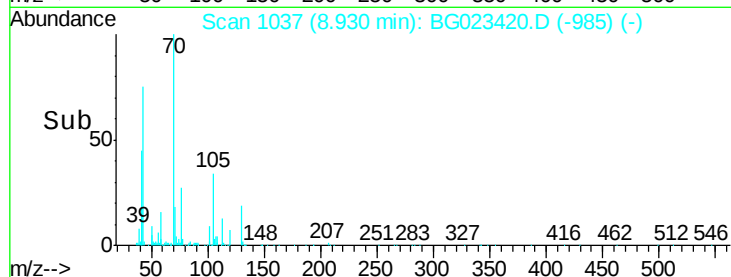
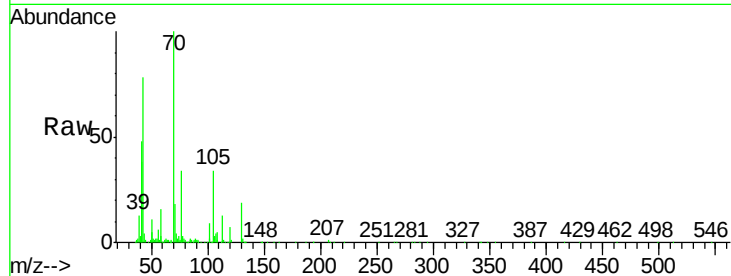
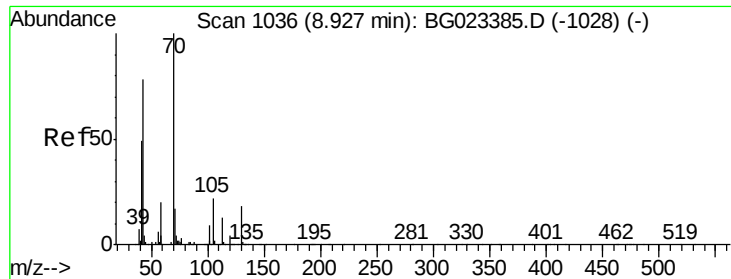
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





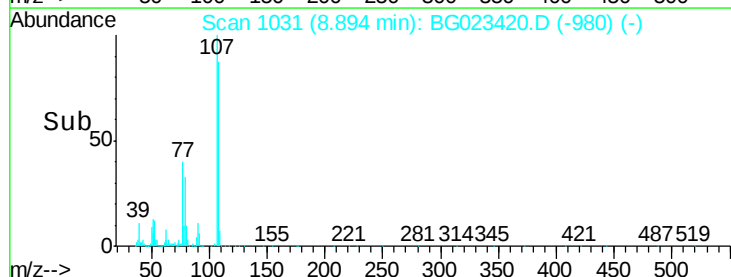
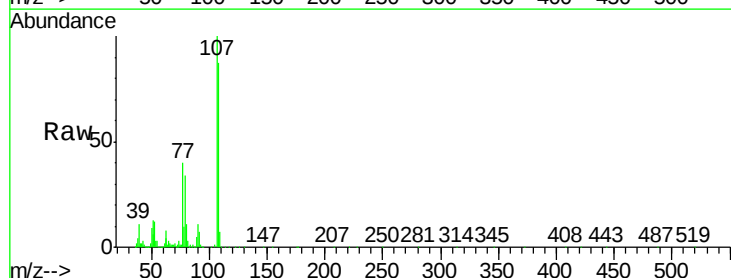
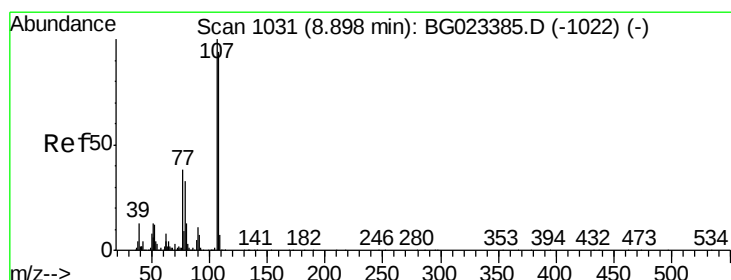
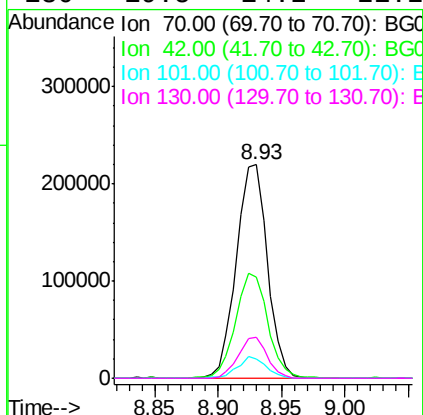
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.15 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 47.6 | 42.1  | 63.1  |       |
| 101     | 8.9  | 7.2   | 10.8  |       |
| 130     | 19.5 | 14.2  | 21.2  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

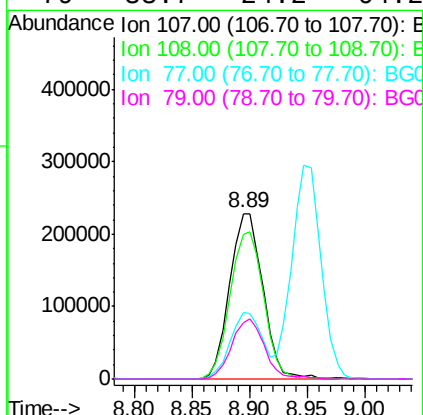
Manual Integrations  
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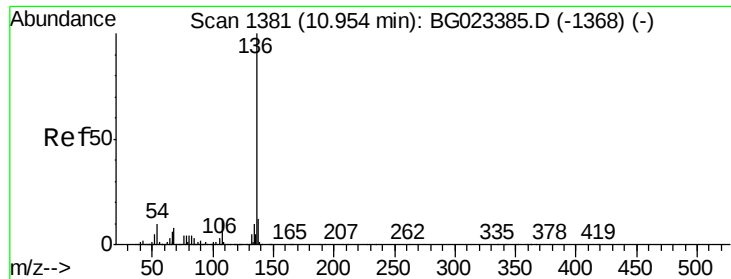
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#20  
3+4-Methylphenols  
Concen: 38.81 ng  
RT: 8.89 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.1 | 72.5  | 112.5 |       |
| 77      | 40.1 | 30.1  | 70.1  |       |
| 79      | 33.7 | 24.2  | 64.2  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

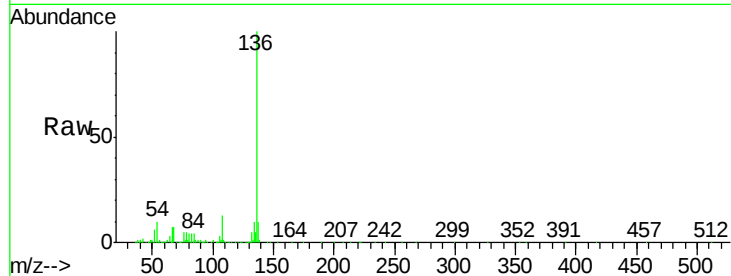
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 589468 |       |       |
| 137     | 10.5 |       | 9.6    | 14.4  |       |
| 54      | 9.9  |       | 7.3    | 10.9  |       |
| 68      | 7.1  |       | 5.3    | 7.9   |       |

Manual Integrations  
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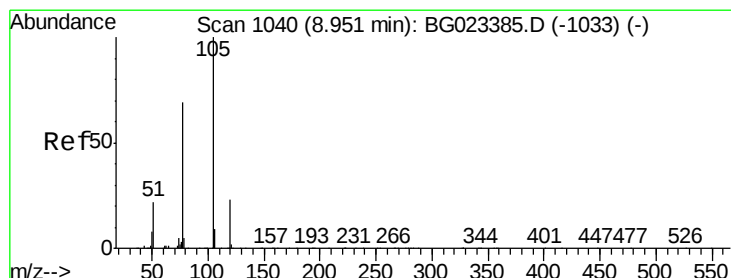
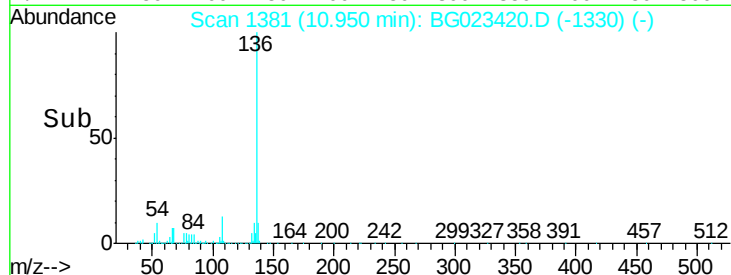
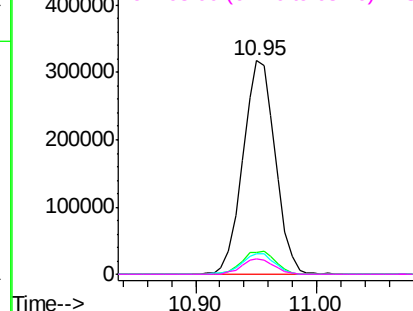


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.38 ng

RT: 8.95 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

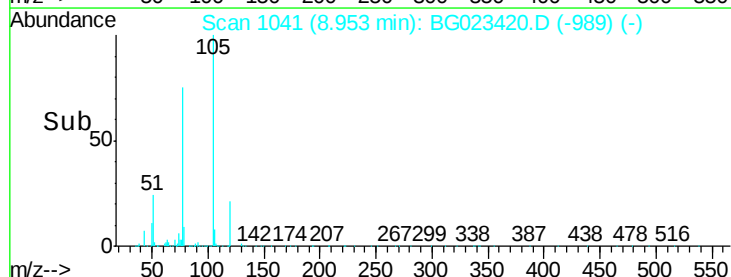
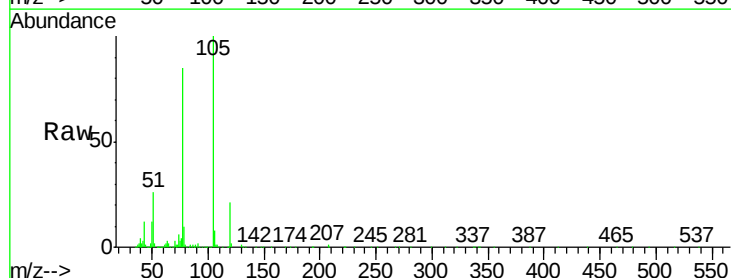
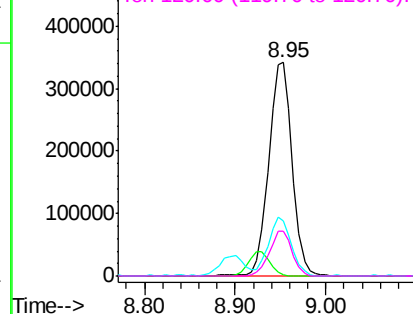
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 619479 |       |       |
| 71      | 0.6  |       | 2.6    | 3.8#  |       |
| 51      | 26.1 |       | 27.1   | 40.7# |       |
| 120     | 21.1 |       | 15.1   | 22.7  |       |

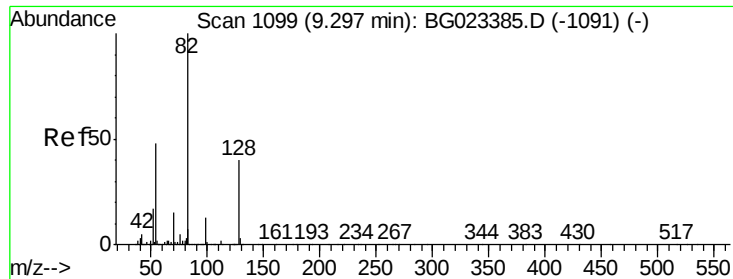
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





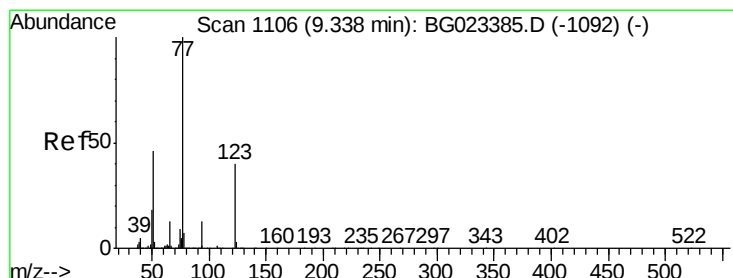
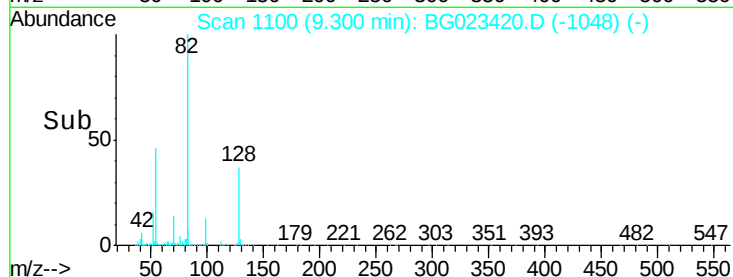
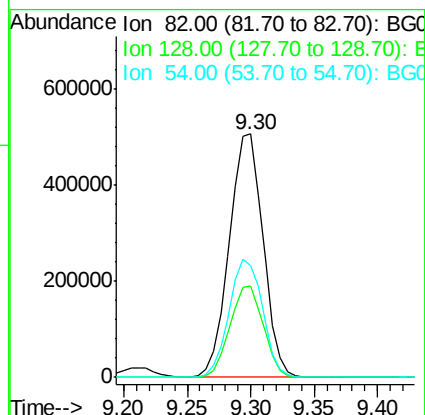
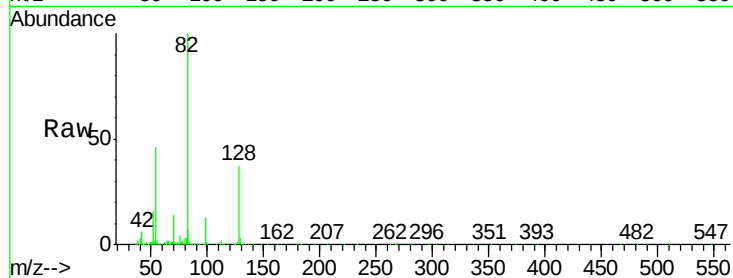
#23  
 Nitrobenzene-d5  
 Concen: 78.69 ng  
 RT: 9.30 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.4  | 24.4  | 36.6# |
| 54      | 45.7  | 41.4  | 62.0  |

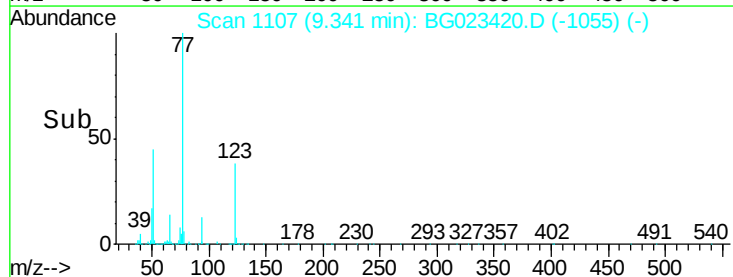
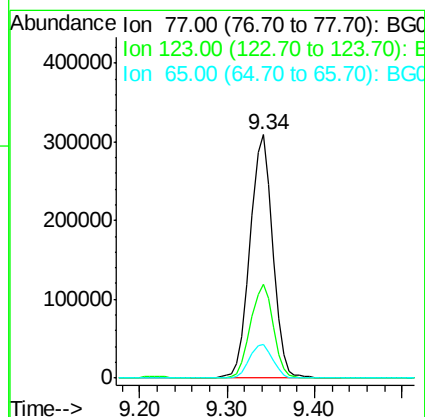
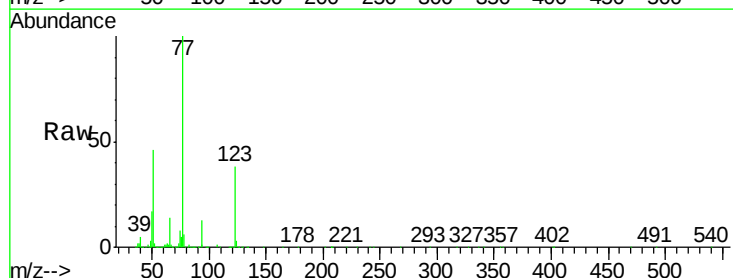
Manual Integrations  
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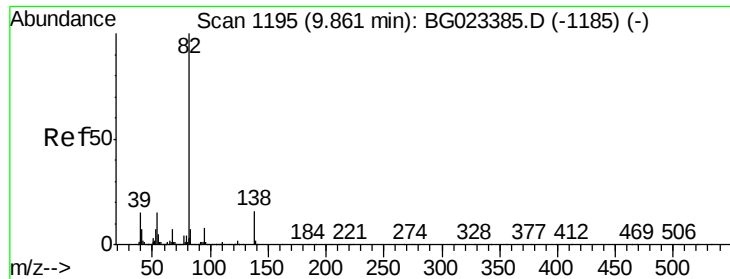
sohil  
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#24  
 Nitrobenzene  
 Concen: 41.00 ng  
 RT: 9.34 min Scan# 1107  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.3  | 25.0  | 37.6# |
| 65      | 14.1  | 13.4  | 20.0  |





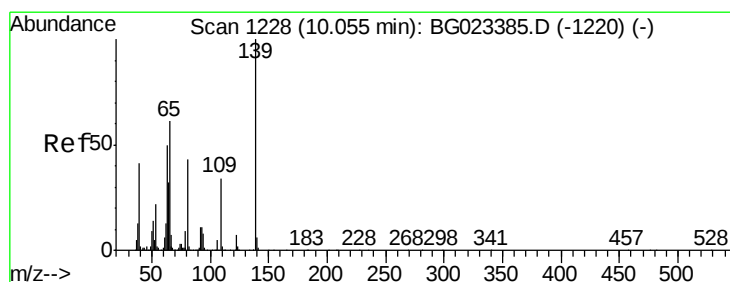
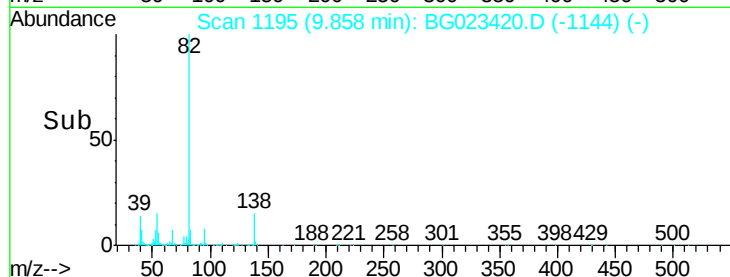
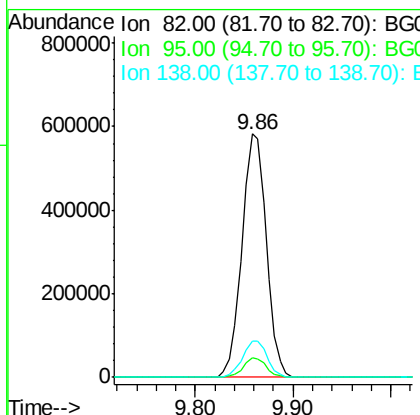
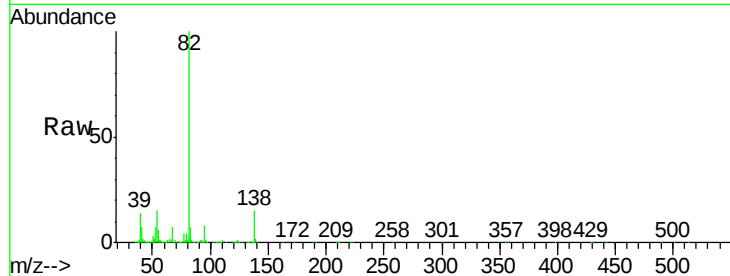
#25  
Isophorone  
Concen: 41.15 ng  
RT: 9.86 min Scan# 1195  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.1   | 8.2   | 12.2# |
| 138     | 14.9  | 10.7  | 16.1  |

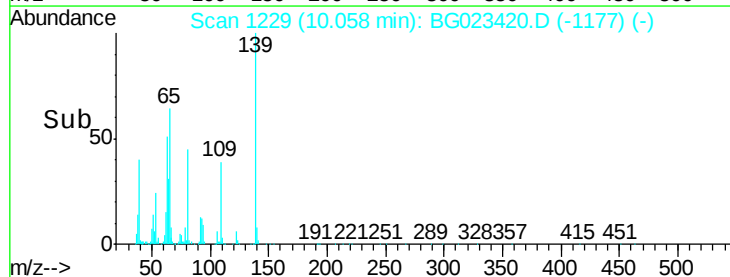
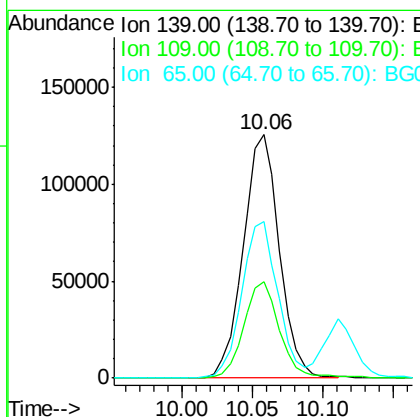
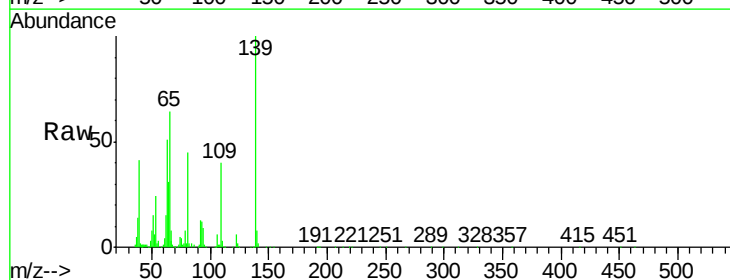
Manual Integrations  
APPROVED

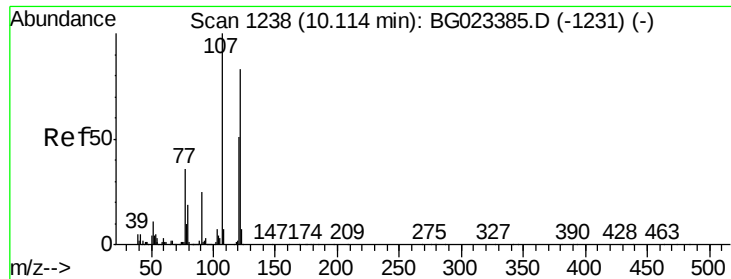
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#26  
2-Nitrophenol  
Concen: 40.62 ng  
RT: 10.06 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 39.6  | 43.5  | 65.3# |
| 65      | 64.1  | 64.3  | 96.5# |





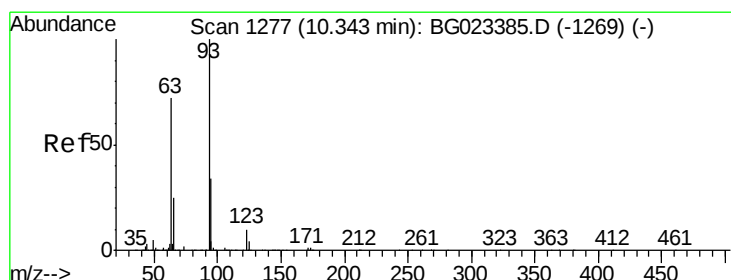
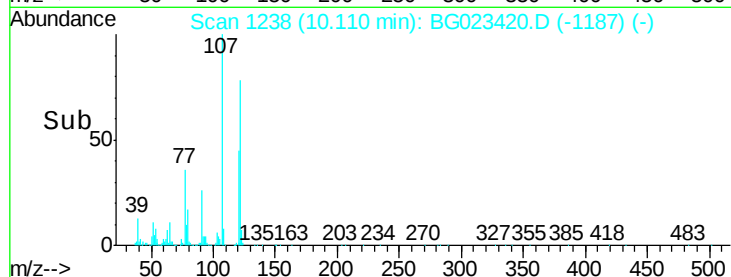
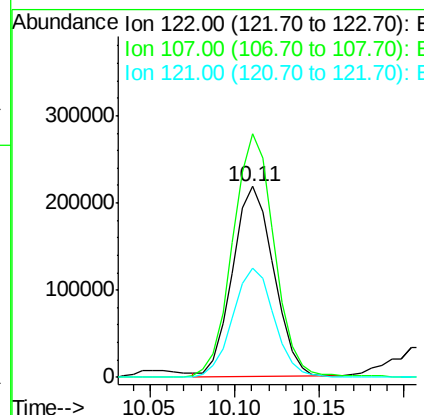
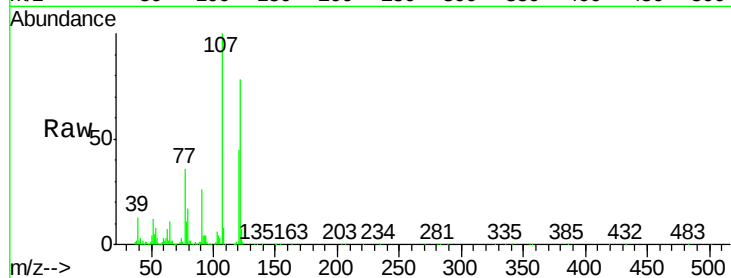
#27  
2,4-Dimethylphenol  
Concen: 39.21 ng  
RT: 10.11 min Scan# 1238  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 127.8 | 117.0 | 175.4 |
| 121     | 57.5  | 50.1  | 75.1  |

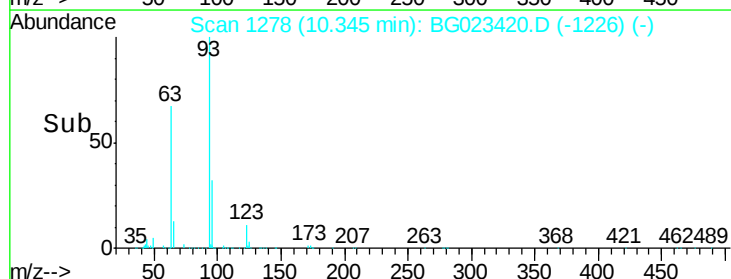
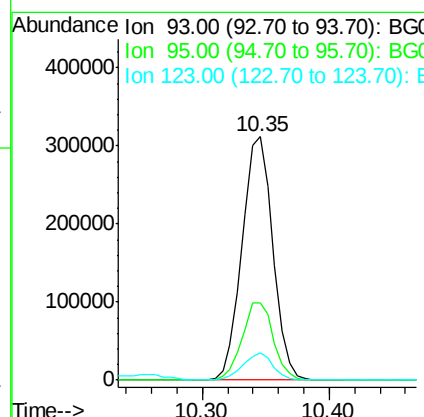
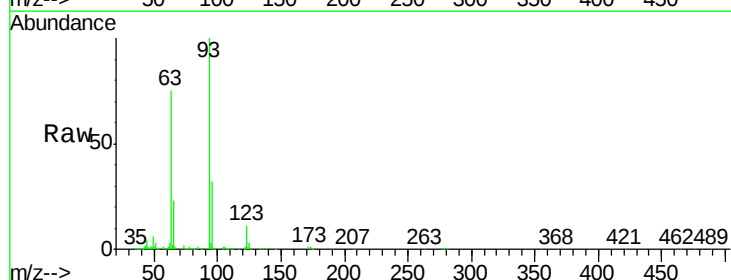
Manual Integrations  
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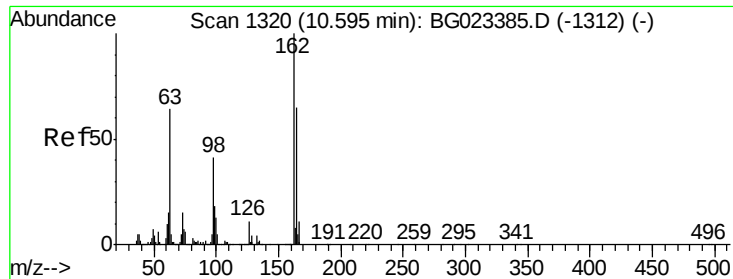
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#28  
bis(2-Chloroethoxy)methane  
Concen: 35.33 ng  
RT: 10.35 min Scan# 1278  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.5  | 25.4  | 38.2  |
| 123     | 11.2  | 8.2   | 12.2  |





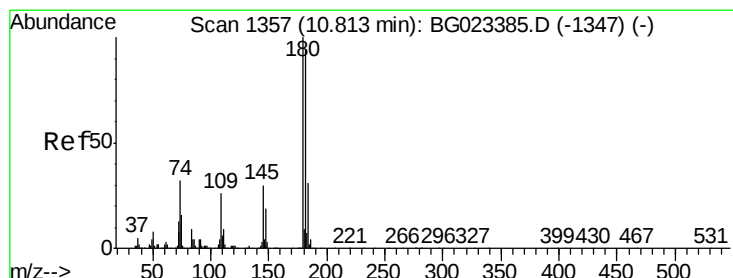
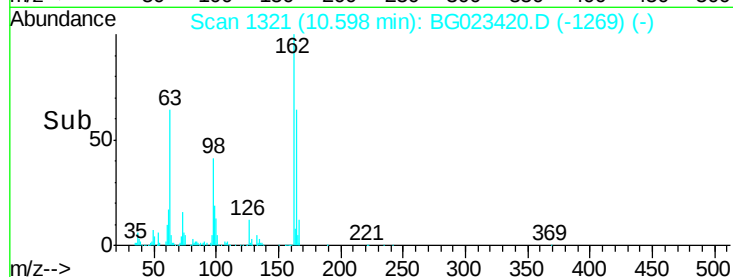
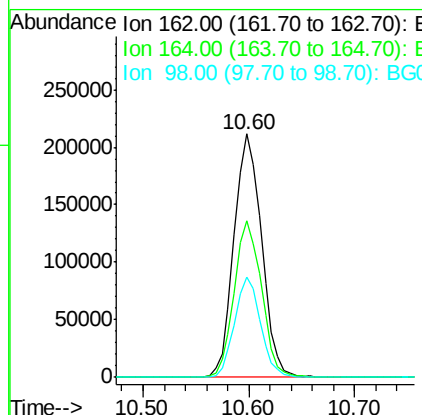
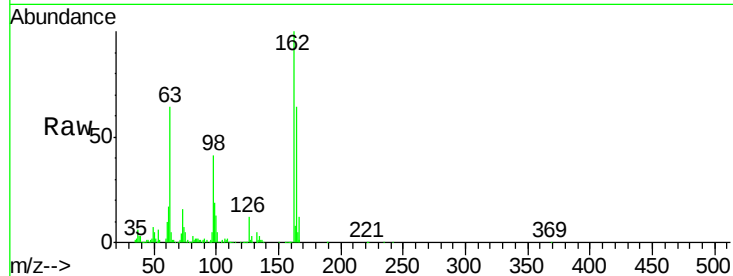
#29  
 2,4-Dichlorophenol  
 Concen: 40.23 ng  
 RT: 10.60 min Scan# 1321  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTCCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.4  | 44.3       | 84.3  |
| 98      | 41.1  | 19.5       | 59.5  |

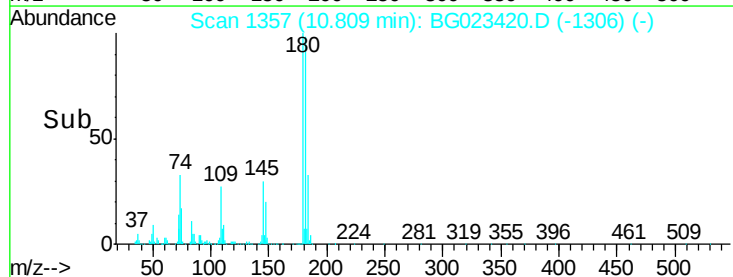
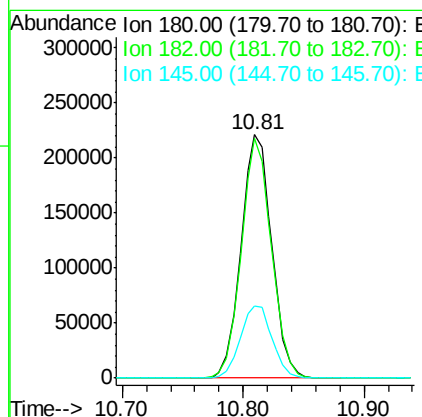
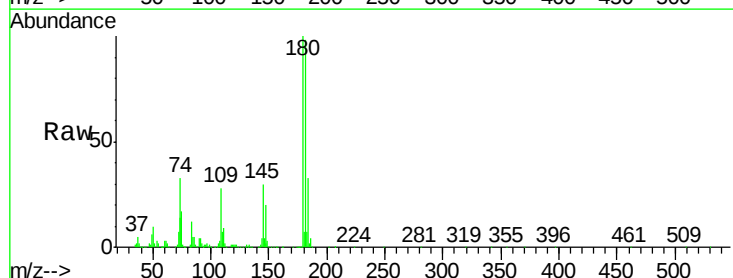
Manual Integrations  
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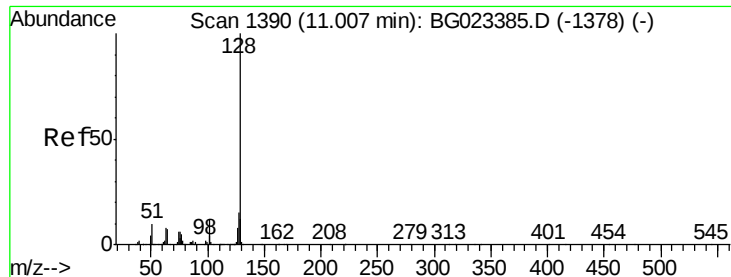
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.20 ng  
 RT: 10.81 min Scan# 1357  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 98.4  | 73.8       | 110.8 |
| 145     | 29.9  | 24.4       | 36.6  |





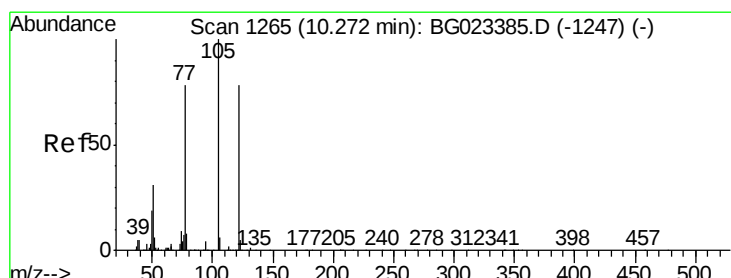
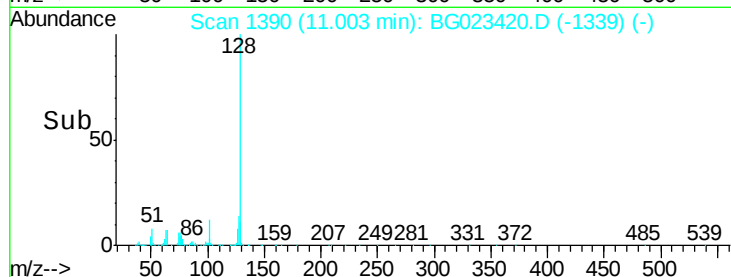
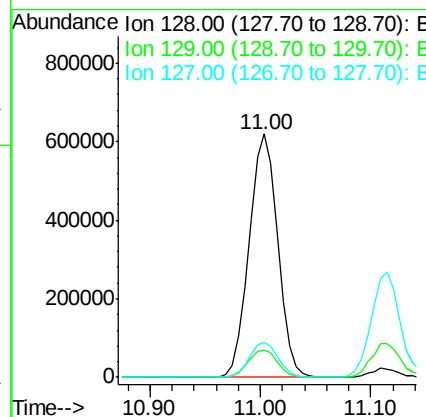
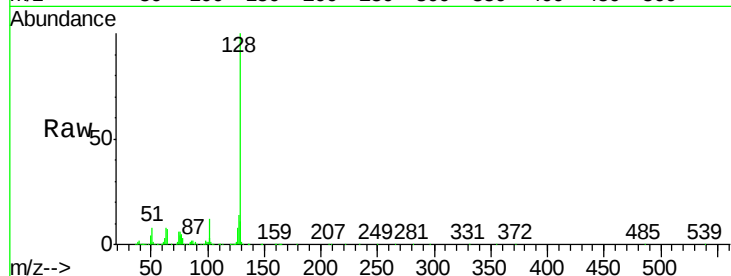
#31  
Naphthalene  
Concen: 37.67 ng  
RT: 11.00 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.4   | 14.0  |
| 127     | 14.2  | 11.3  | 16.9  |

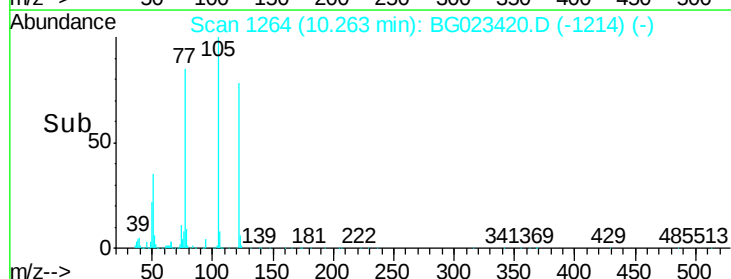
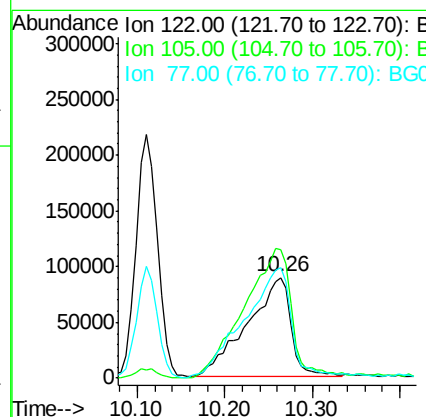
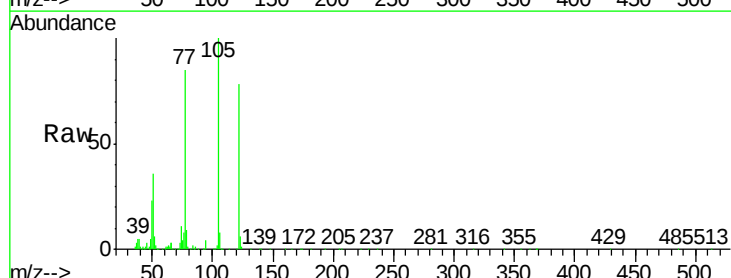
Manual Integrations  
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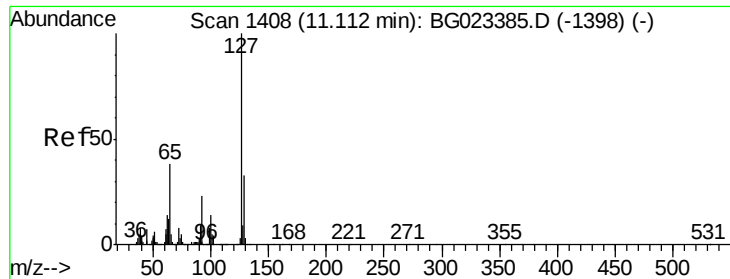
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#32  
Benzoic acid  
Concen: 36.80 ng  
RT: 10.26 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.6 | 117.2 | 157.2 |
| 77      | 109.5 | 109.2 | 149.2 |





#33

4-Chloroaniline

Concen: 34.25 ng

RT: 11.11 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

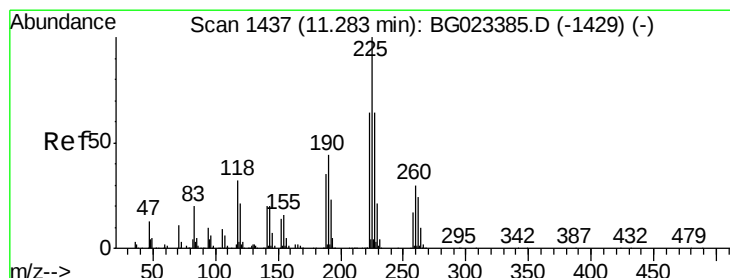
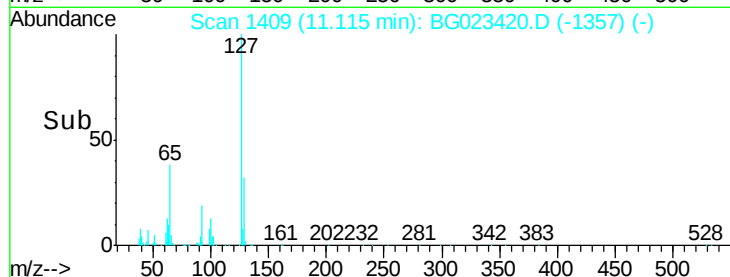
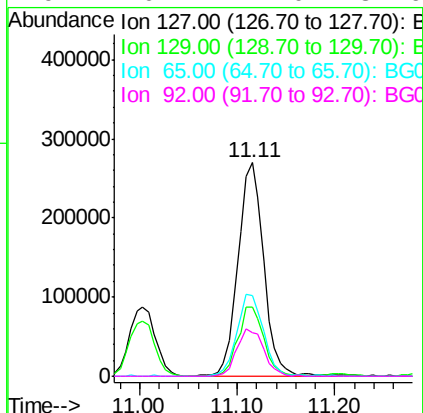
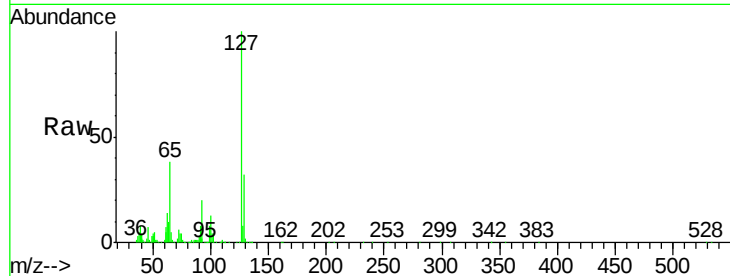
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.2  | 27.9 | 41.9  |       |
| 65      | 37.6  | 36.8 | 55.2  |       |
| 92      | 20.1  | 21.0 | 31.6  |       |

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#34

Hexachlorobutadiene

Concen: 39.54 ng

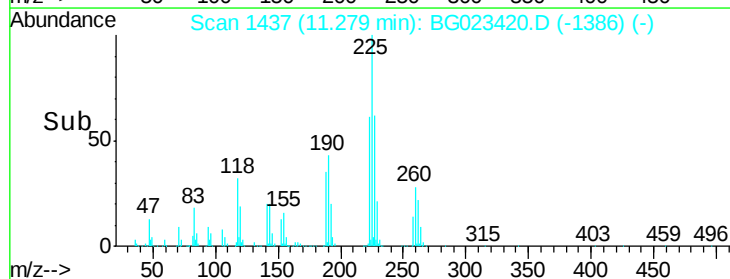
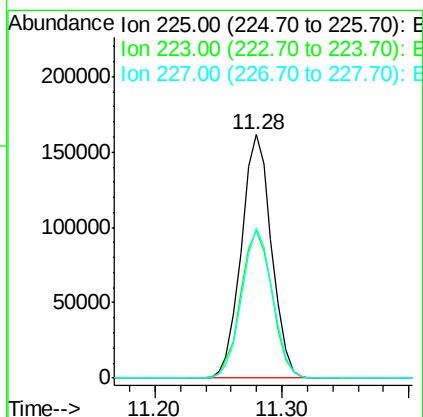
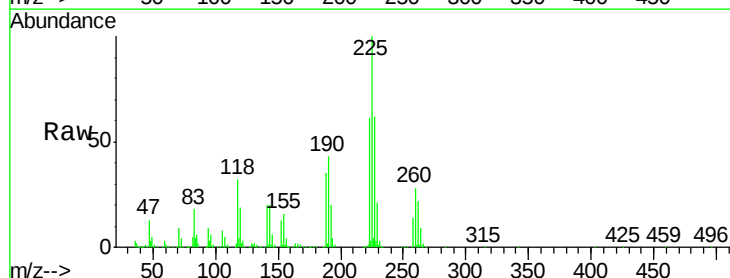
RT: 11.28 min Scan# 1437

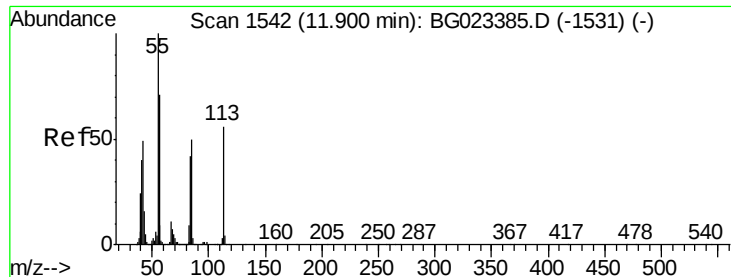
Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.9  | 49.6 | 74.4  |       |
| 227     | 61.9  | 54.5 | 81.7  |       |





#35

Caprolactam

Concen: 40.32 ng

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

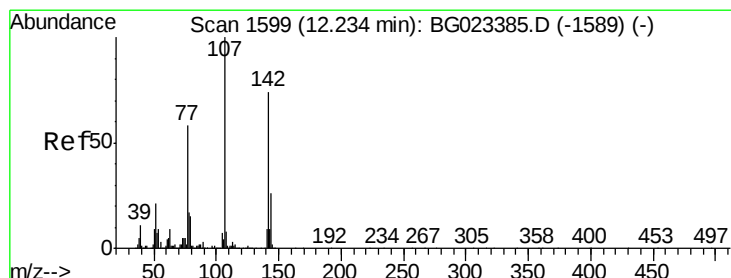
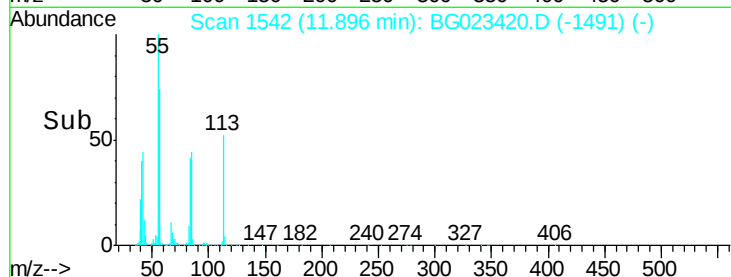
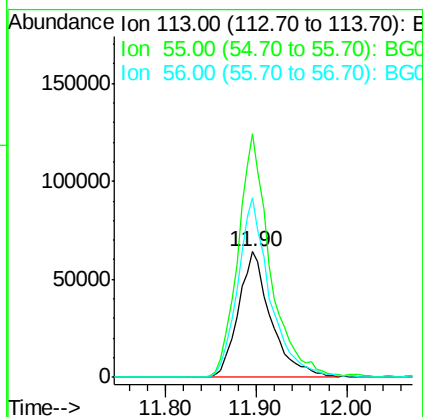
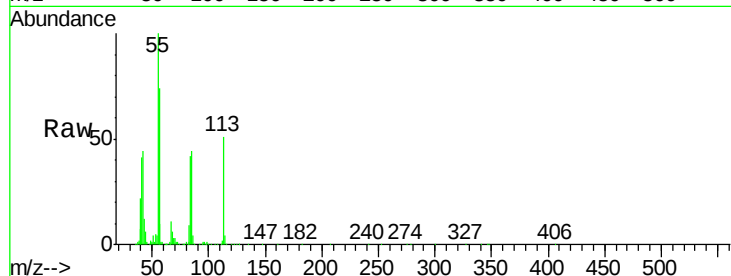
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 160951 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 194.4 | 154.5 | 194.5  |
| 56        | 143.9 | 125.1 | 165.1  |

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#36

4-Chloro-3-methylphenol

Concen: 39.78 ng

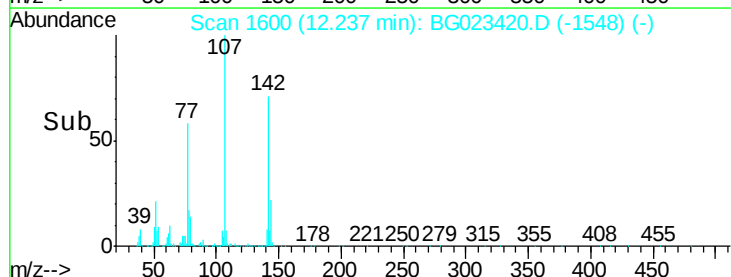
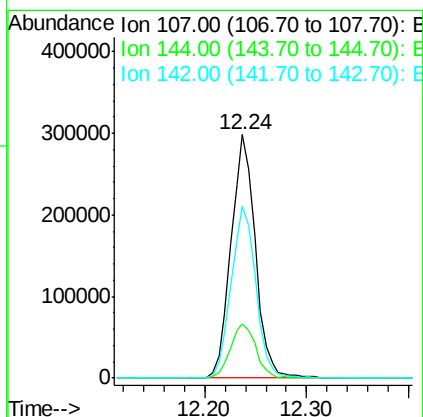
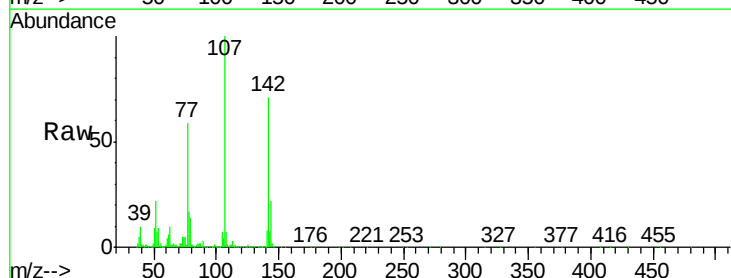
RT: 12.24 min Scan# 1600

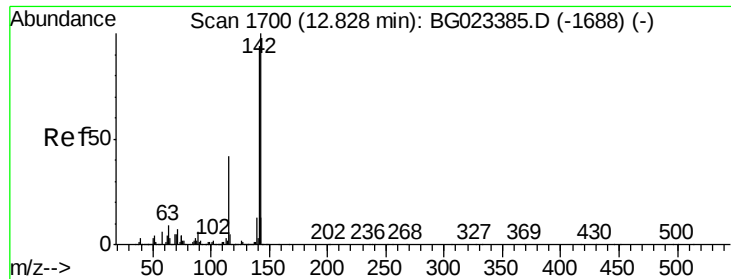
Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 495827 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 22.1  | 17.0  | 25.6   |
| 142       | 70.6  | 53.0  | 79.6   |





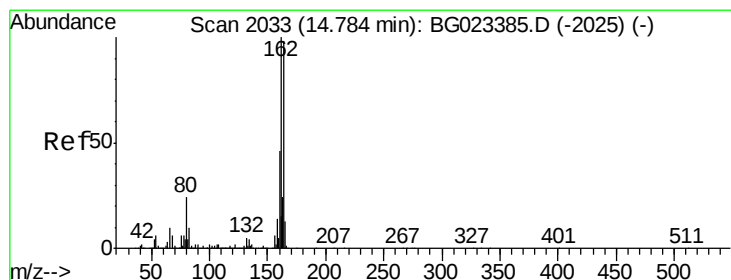
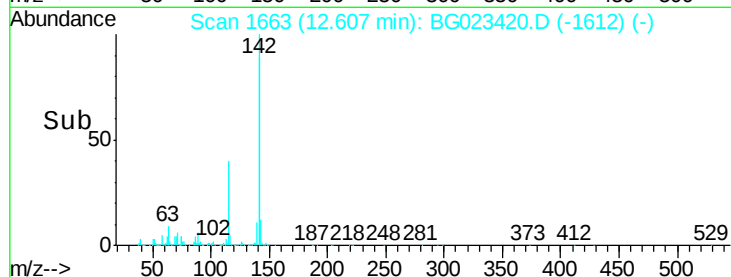
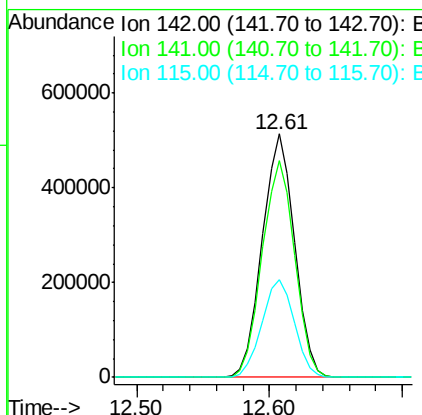
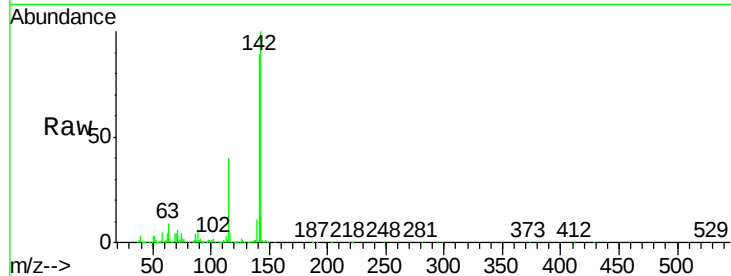
#37  
 2-Methylnaphthalene  
 Concen: 37.63 ng/ml  
 RT: 12.61 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 70.2  | 105.2 |
| 115     | 40.1  | 41.7  | 62.5  |

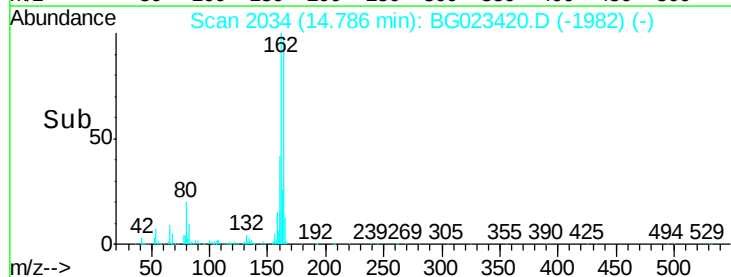
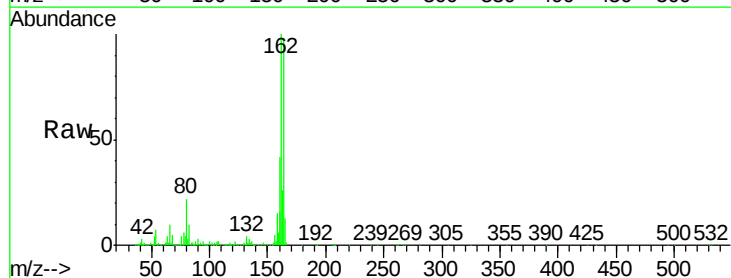
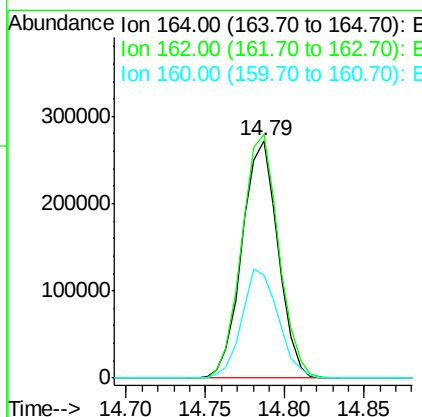
Manual Integrations  
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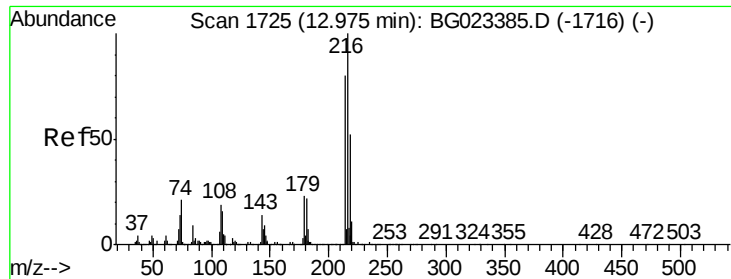
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng/ml  
 RT: 14.79 min Scan# 2034  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 87.7  | 131.5 |
| 160     | 43.1  | 37.2  | 55.8  |





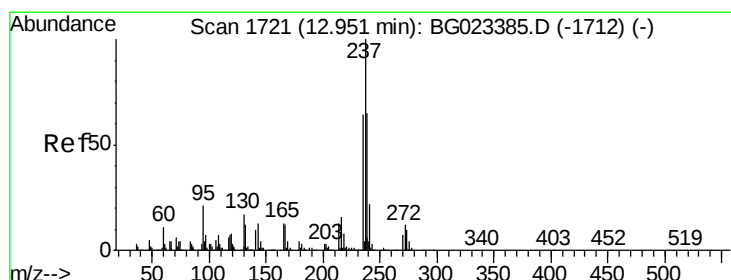
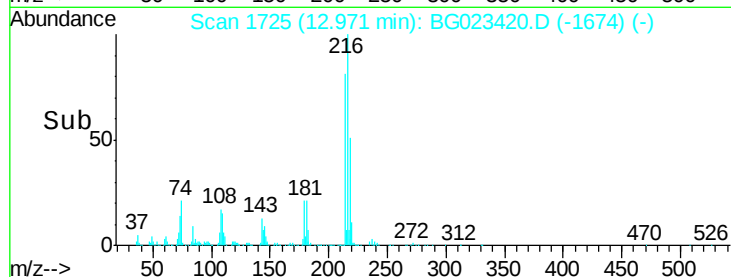
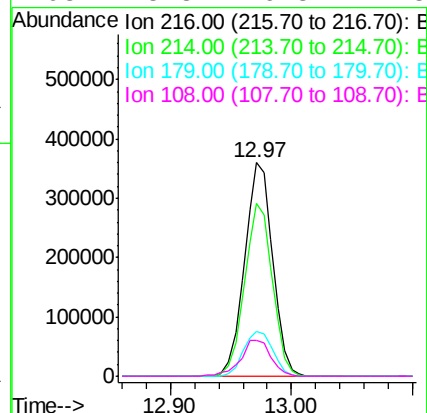
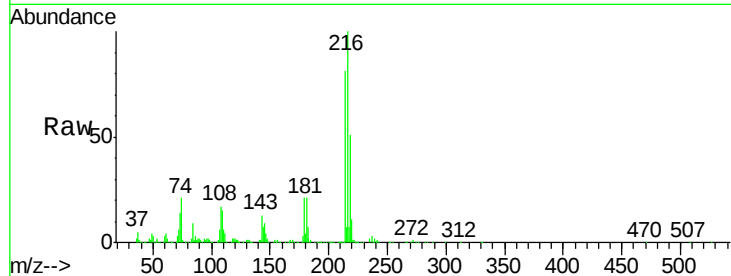
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.57 ng  
 RT: 12.97 min Scan# 1725  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 583516 |       |       |
| 214     | 79.7  | 62.9   | 94.3  |       |
| 179     | 22.0  | 17.2   | 25.8  |       |
| 108     | 18.3  | 16.3   | 24.5  |       |

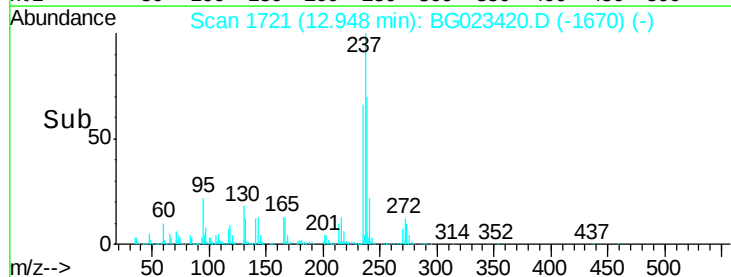
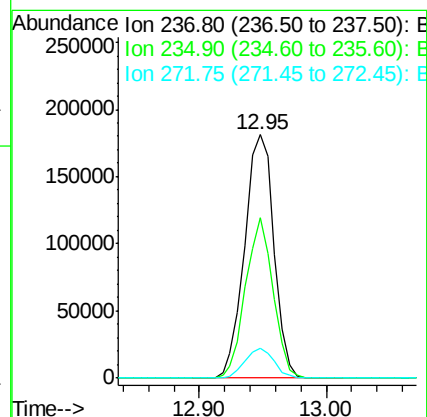
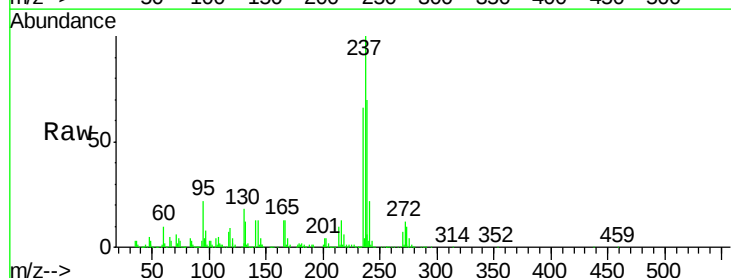
Manual Integrations  
 APPROVED

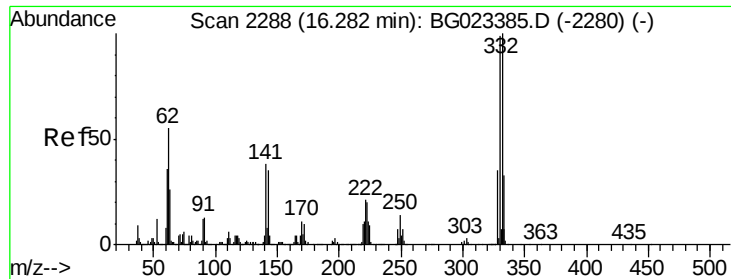
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#40  
 Hexachlorocyclopentadiene  
 Concen: 37.11 ng  
 RT: 12.95 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 290658 |       |       |
| 235     | 65.7  | 43.1   | 83.1  |       |
| 272     | 12.3  | 0.0    | 30.9  |       |





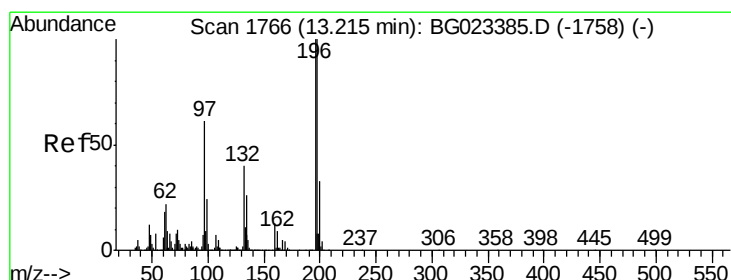
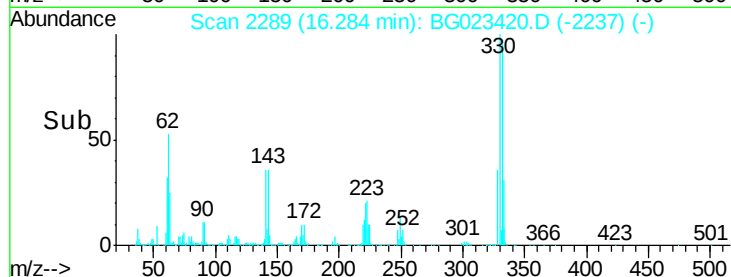
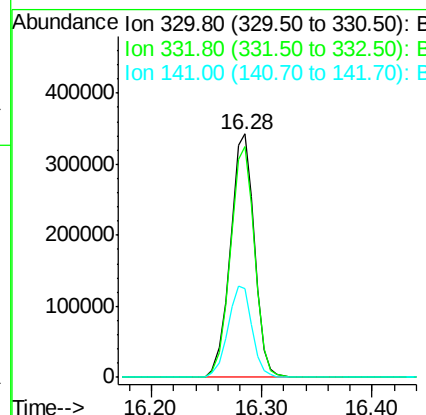
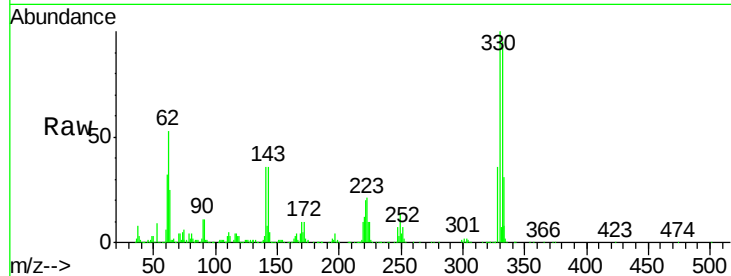
#41  
 2,4,6-Tribromophenol  
 Concen: 83.46 ng  
 RT: 16.28 min Scan# 2289  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.0  | 77.4 | 116.2 |       |
| 141     | 37.7  | 31.7 | 47.5  |       |

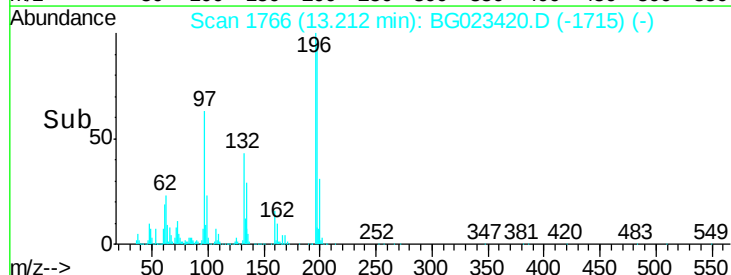
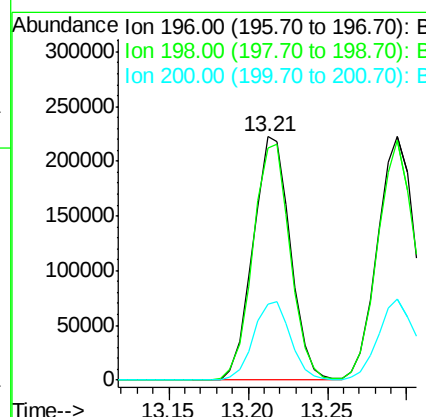
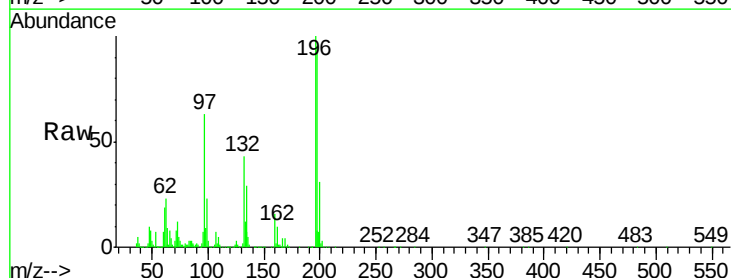
Manual Integrations  
 APPROVED

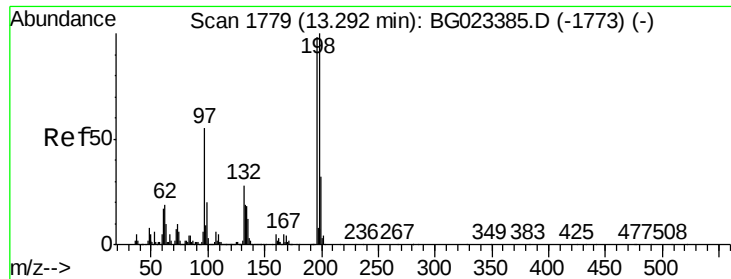
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.40 ng  
 RT: 13.21 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.3  | 78.2 | 117.2 |       |
| 200     | 31.2  | 27.0 | 40.4  |       |





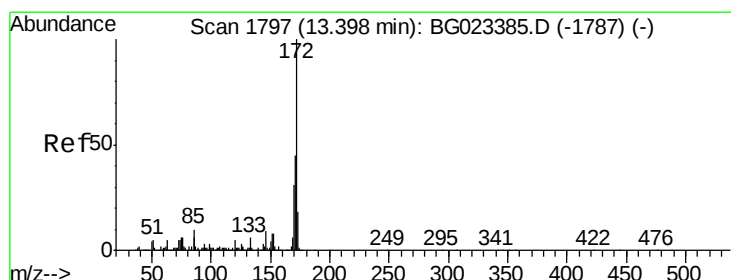
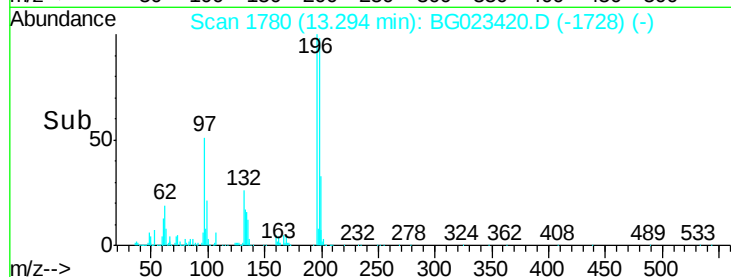
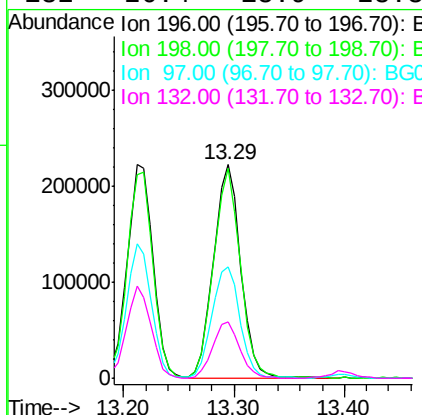
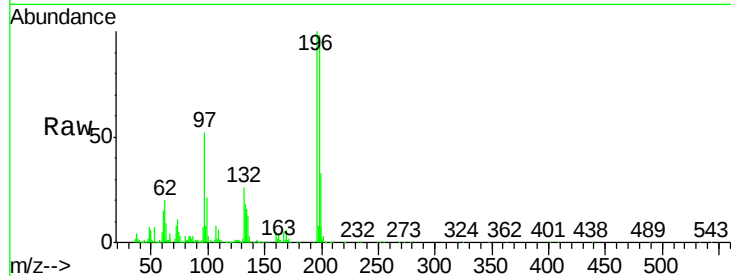
#43  
2,4,5-Trichlorophenol  
Concen: 39.88 ng  
RT: 13.29 min Scan# 1780  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 98.4  | 85.7 | 128.5 |       |
| 97      | 52.3  | 45.5 | 68.3  |       |
| 132     | 26.4  | 18.9 | 28.3  |       |

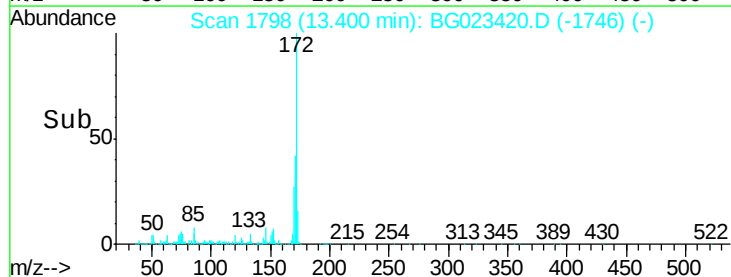
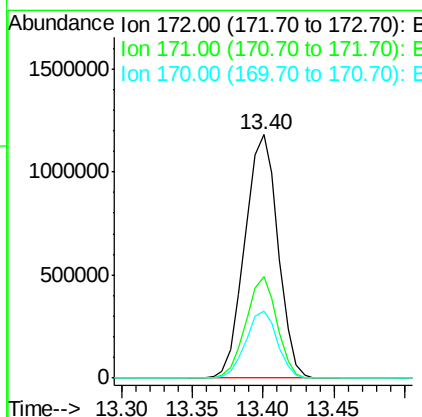
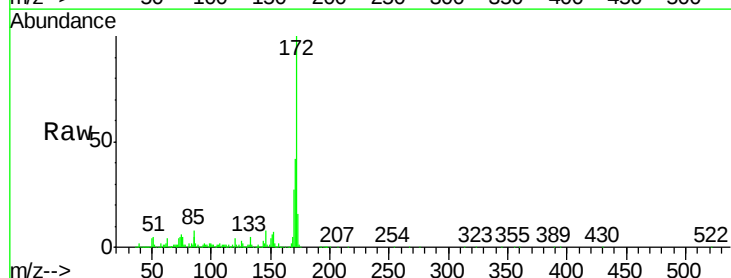
Manual Integrations  
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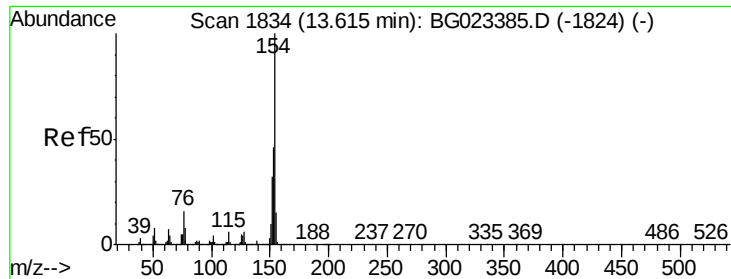
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#44  
2-Fluorobiphenyl  
Concen: 76.50 ng  
RT: 13.40 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 41.8  | 31.6 | 47.4  |       |
| 170     | 27.5  | 21.3 | 31.9  |       |





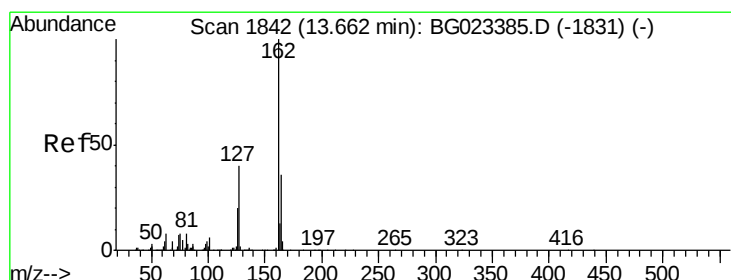
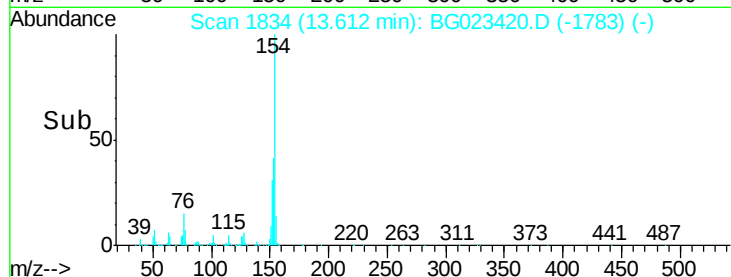
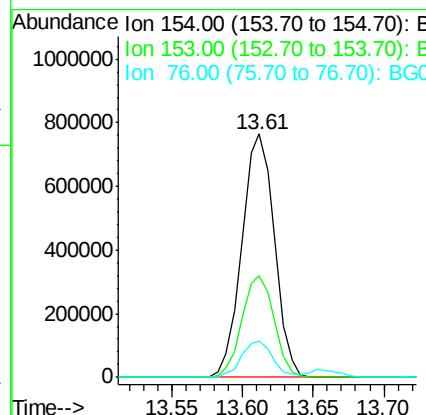
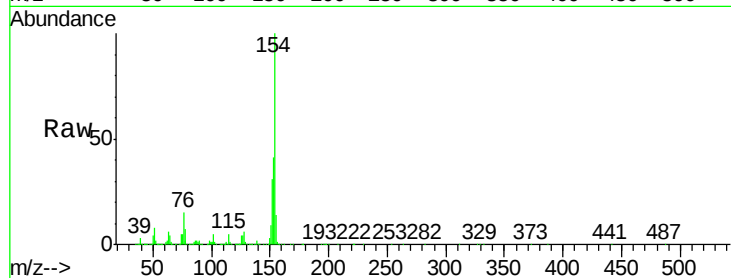
#45  
1,1'-Biphenyl  
Concen: 37.57 ng  
RT: 13.61 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.5  | 20.2  | 60.2  |
| 76      | 14.9  | 0.0   | 32.9  |

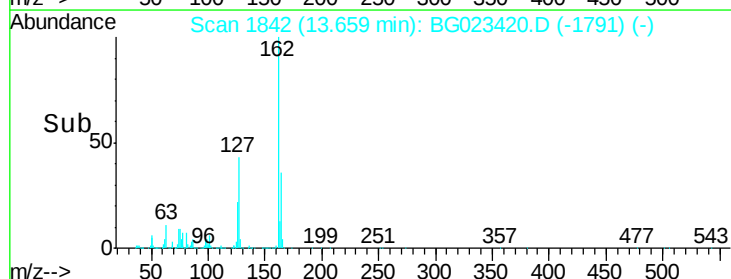
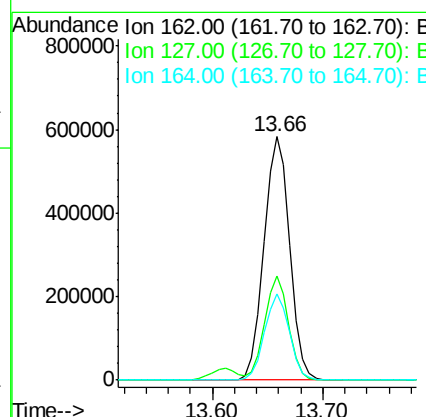
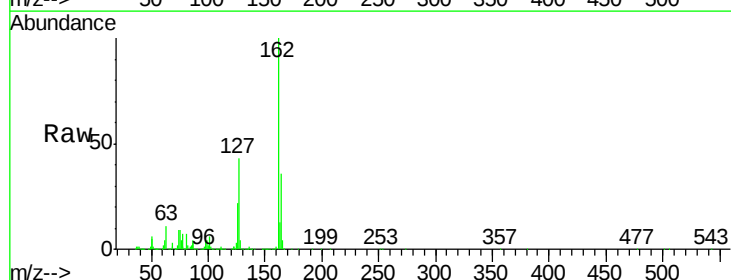
Manual Integrations  
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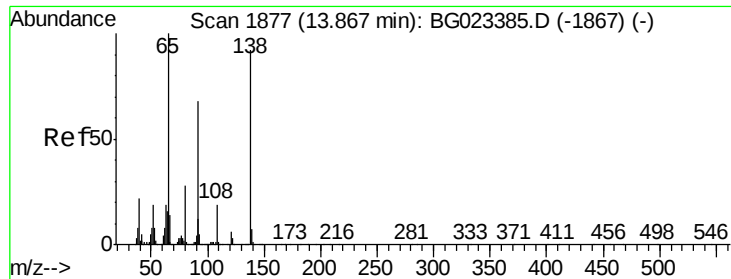
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#46  
2-Chloronaphthalene  
Concen: 37.46 ng  
RT: 13.66 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.7  | 32.4  | 48.6  |
| 164     | 35.5  | 25.2  | 37.8  |





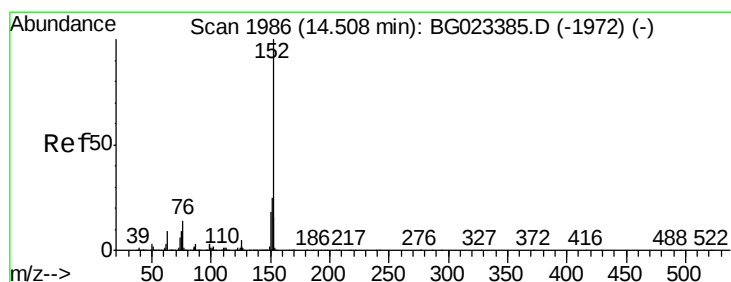
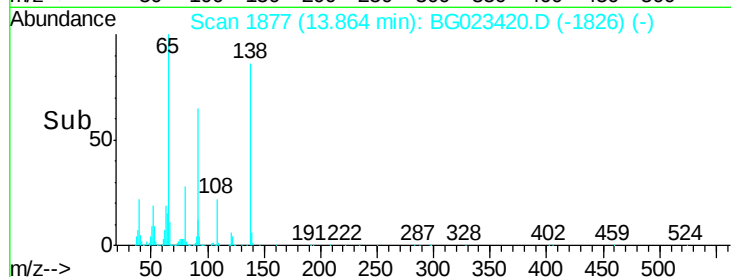
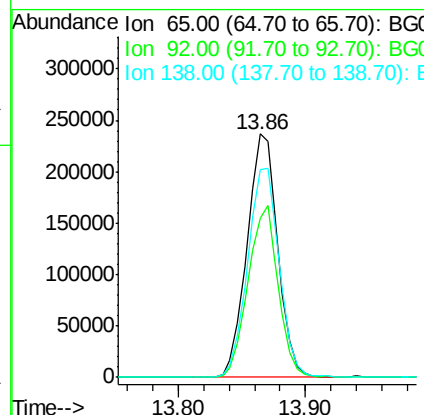
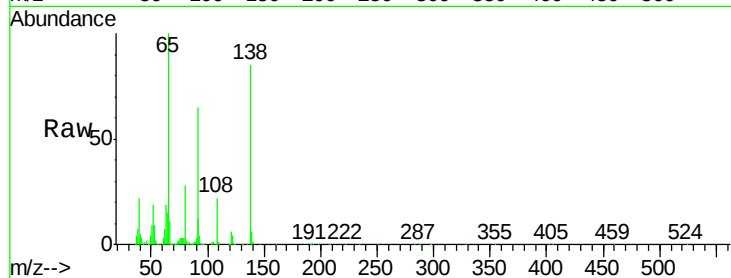
#47  
2-Nitroaniline  
Concen: 37.99 ng  
RT: 13.86 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.3  | 49.4  | 74.0  |
| 138     | 85.4  | 58.0  | 87.0  |

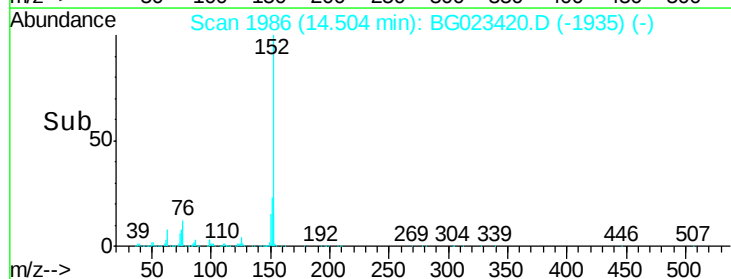
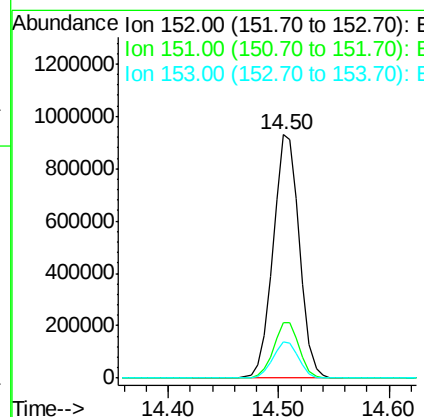
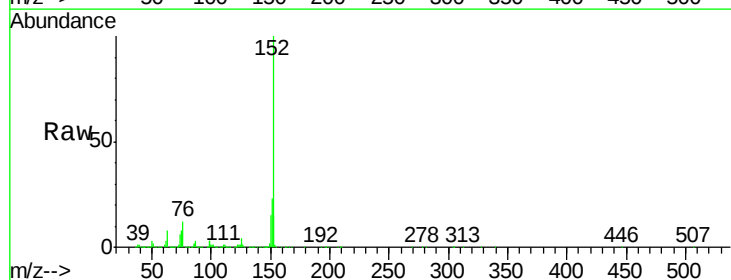
Manual Integrations  
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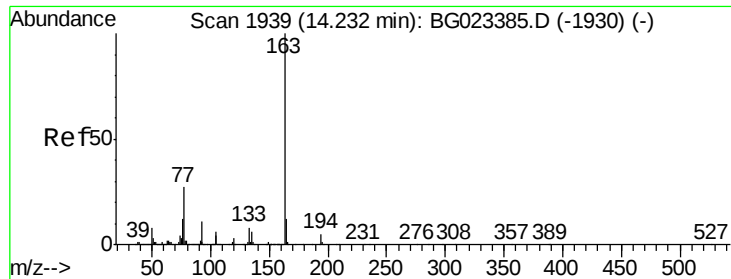
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#48  
Acenaphthylene  
Concen: 38.50 ng  
RT: 14.50 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.9  | 17.6  | 26.4  |
| 153     | 15.1  | 11.4  | 17.2  |





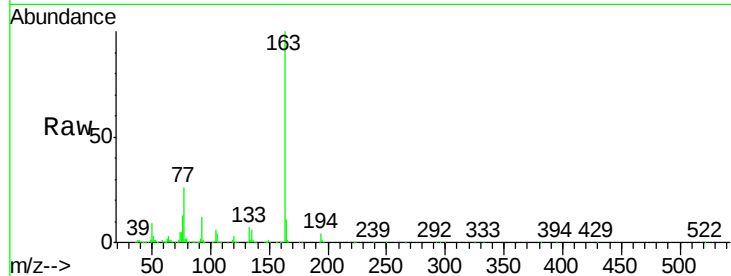
#49  
Dimethylphthalate  
Concen: 41.32 ng  
RT: 14.23 min Scan# 1939  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.6   | 5.4   |
| 164     | 10.8  | 8.1   | 12.1  |

Manual Integrations  
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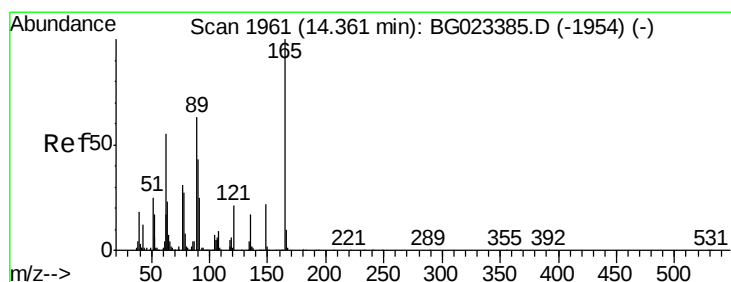
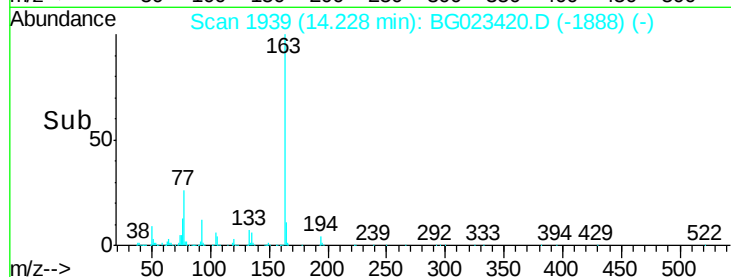
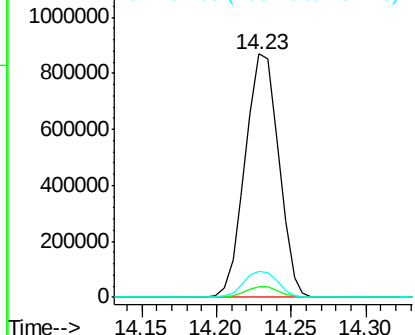


Abundance

Ion 163.00 (162.70 to 163.70): E

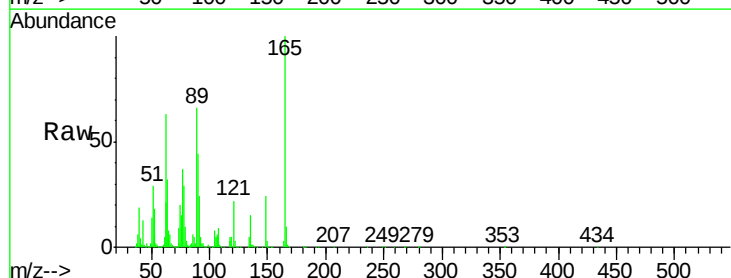
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 39.34 ng  
RT: 14.36 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 63.2  | 64.3  | 96.5# |
| 89      | 65.7  | 64.3  | 96.5  |

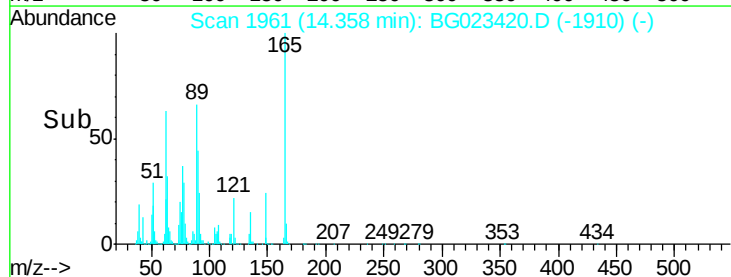
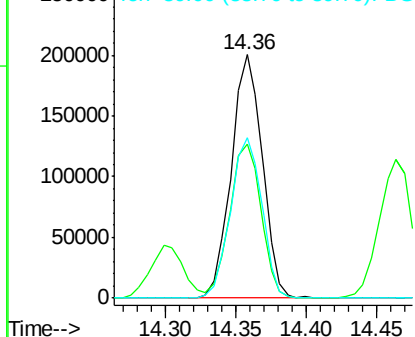


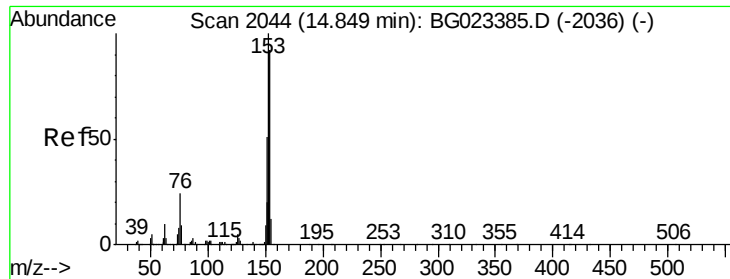
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.15 ng

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

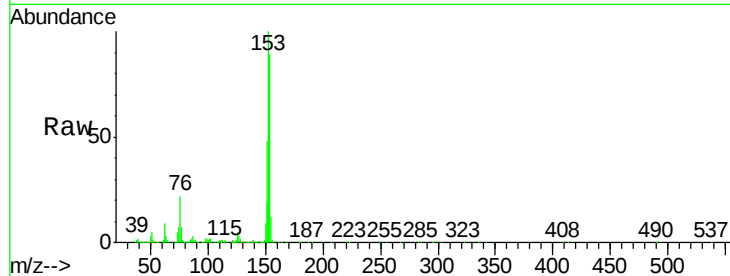
ClientSampleId :

SSTDCCC040

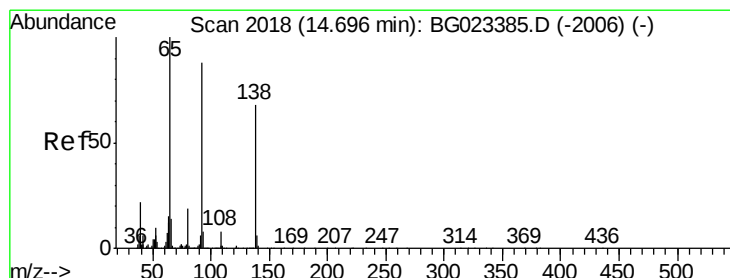
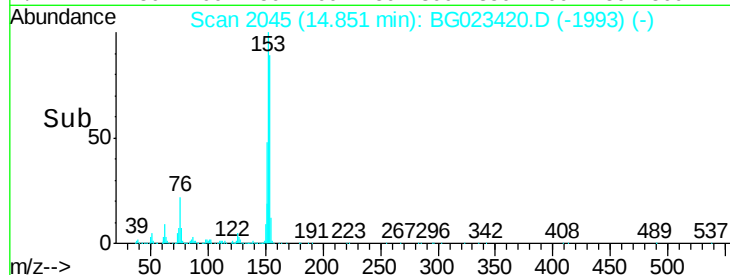
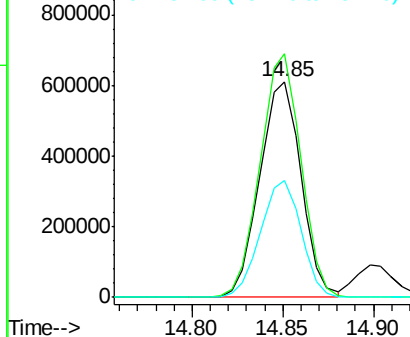
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 967601 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.8 | 87.5  | 131.3  |
| 152       | 54.2  | 42.7  | 64.1   |

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



#52

3-Nitroaniline

Concen: 38.31 ng

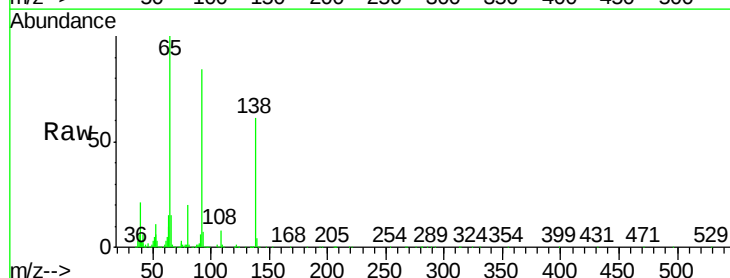
RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

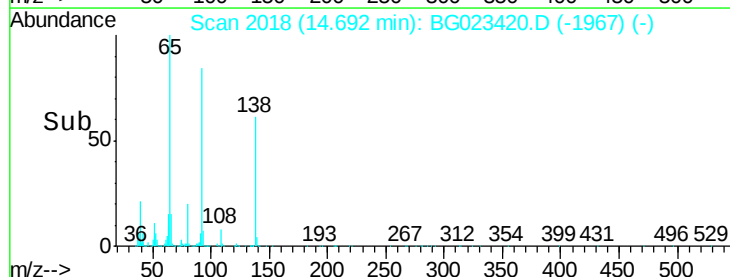
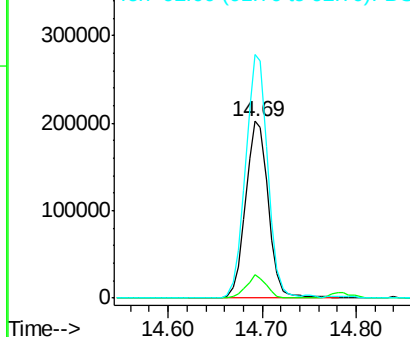
Lab File: BG023420.D

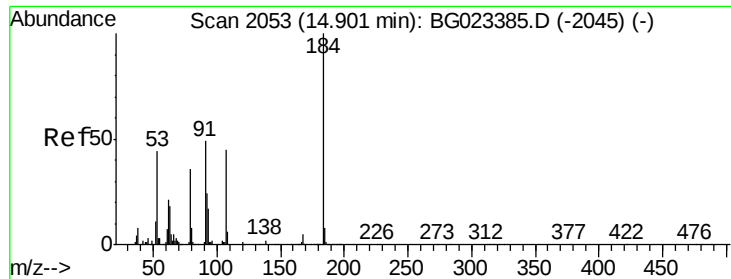
Acq: 3 Aug 2016 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 336112 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.1  | 11.7  | 17.5   |
| 92        | 137.7 | 129.7 | 194.5  |



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





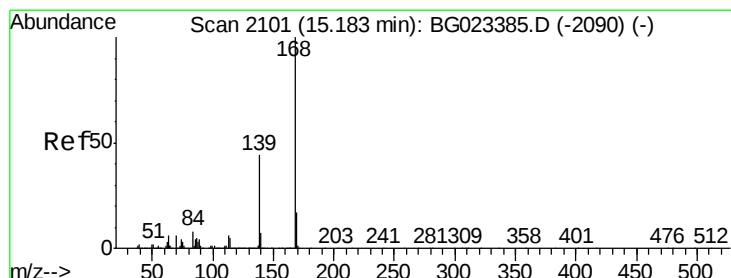
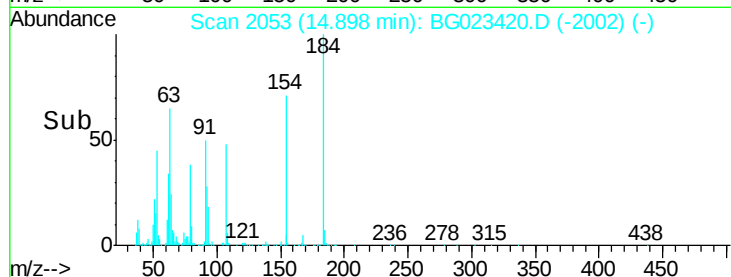
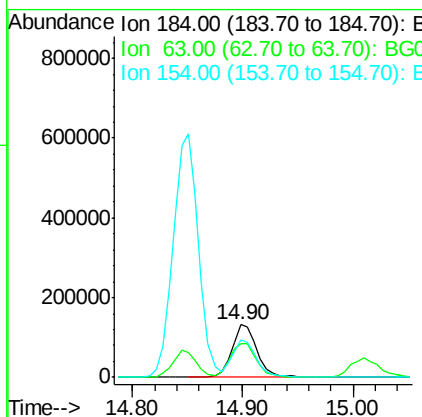
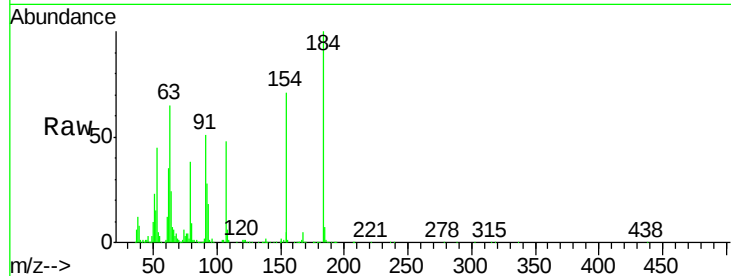
#53  
2,4-Dinitrophenol  
Concen: 41.99 ng  
RT: 14.90 min Scan# 2053  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 65.4  | 59.6  | 89.4  |
| 154     | 70.9  | 67.4  | 101.0 |

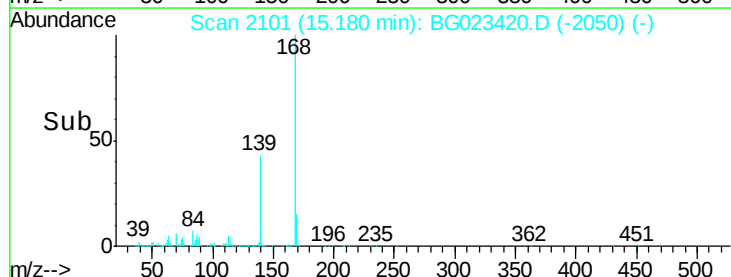
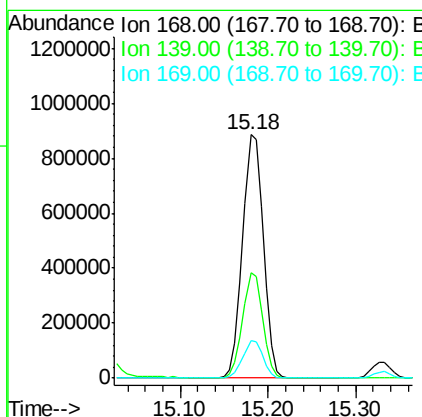
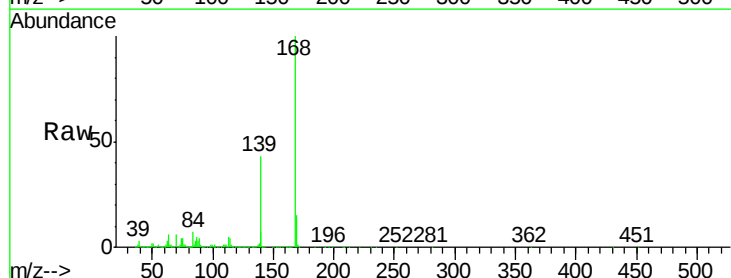
Manual Integrations  
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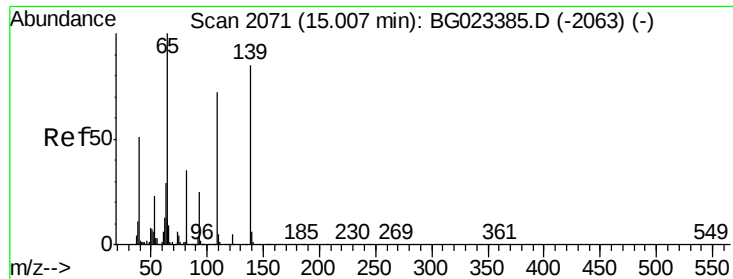
sohil  
8/4/2016 6:09:26 PM



#54  
Dibenzofuran  
Concen: 38.42 ng  
RT: 15.18 min Scan# 2101  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.4  | 36.4  | 54.6  |
| 169     | 15.4  | 11.9  | 17.9  |





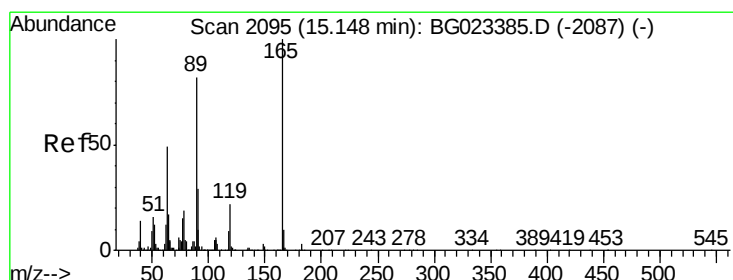
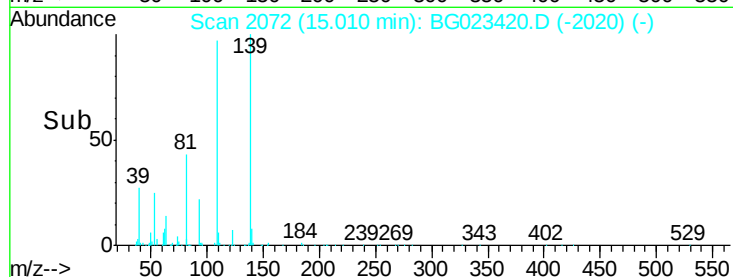
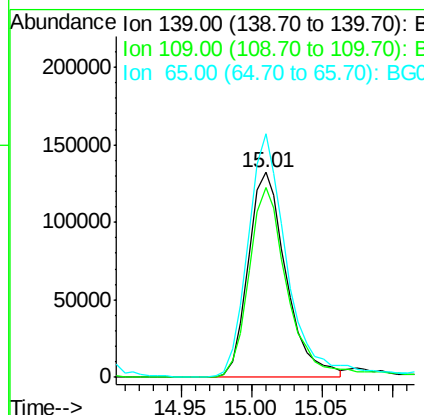
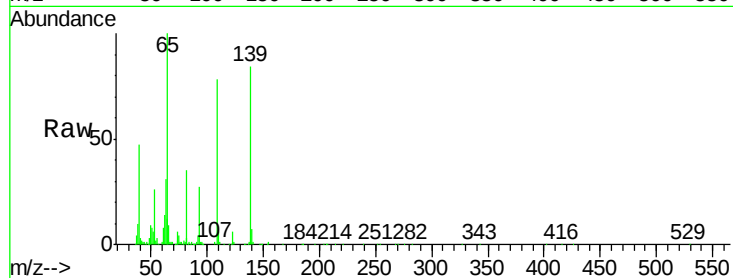
#55  
4-Nitrophenol  
Concen: 36.19 ng  
RT: 15.01 min Scan# 2072  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 92.7  | 103.0 | 143.0# |
| 65      | 118.9 | 112.7 | 152.7  |

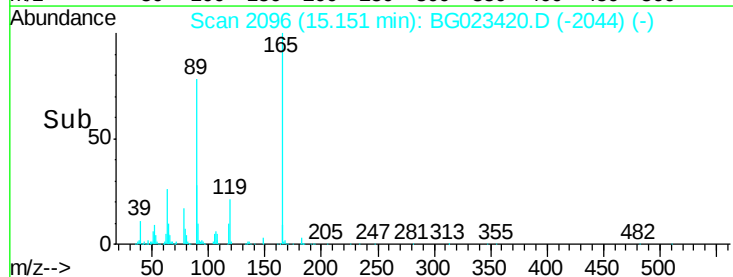
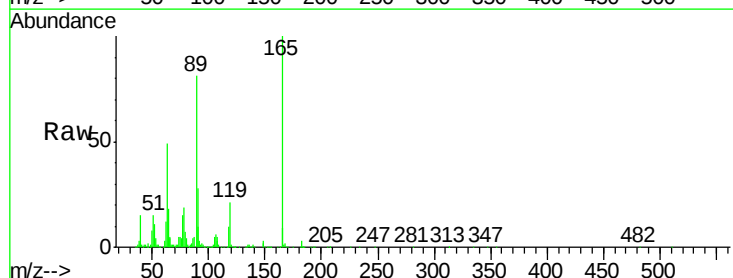
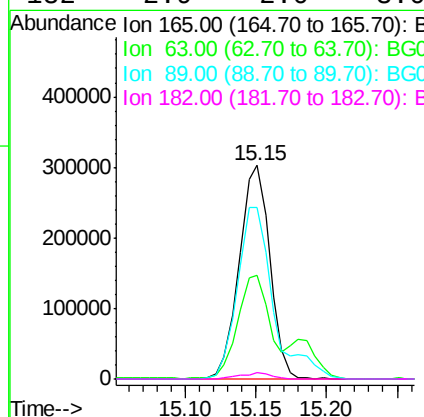
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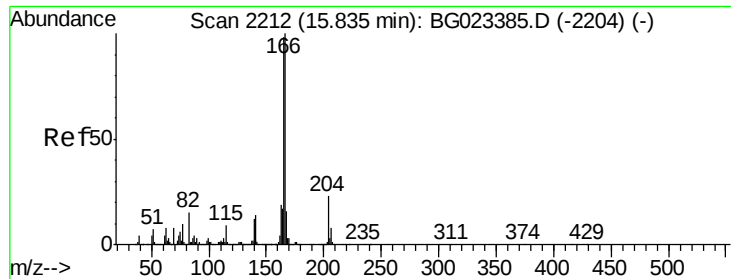
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#56  
2,4-Dinitrotoluene  
Concen: 42.08 ng  
RT: 15.15 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.8  | 45.8  | 68.6  |
| 89      | 80.5  | 68.6  | 102.8 |
| 182     | 2.9   | 2.0   | 3.0   |





#57

Fluorene

Concen: 39.58 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1271730

Ion Ratio Lower Upper

166 100

165 97.2 81.0 121.6

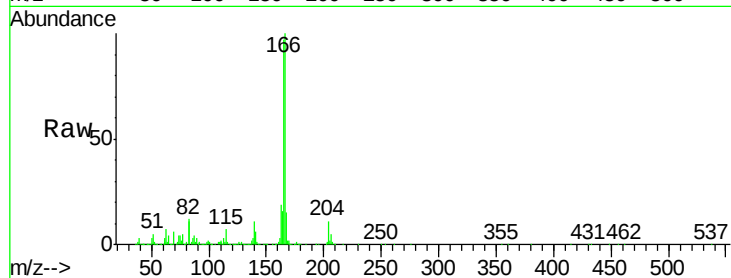
167 14.6 12.0 18.0

Manual Integrations

APPROVED

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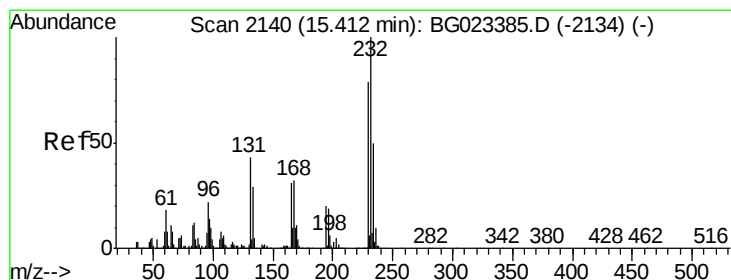
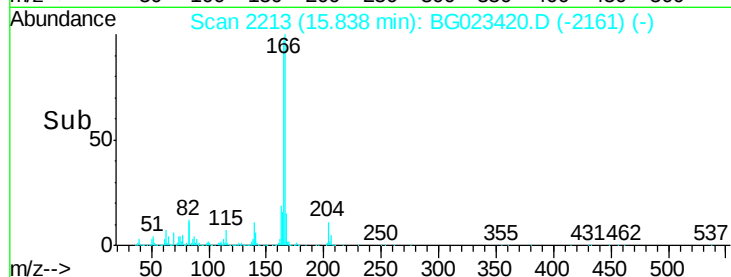
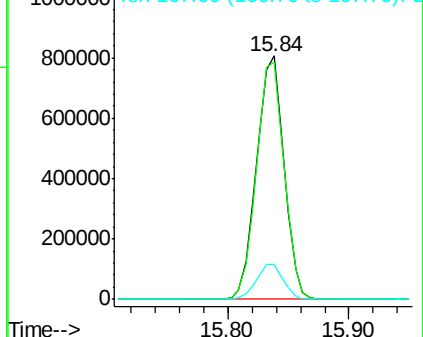
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.88 ng m

RT: 15.41 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Tgt Ion:232 Resp: 357302

Ion Ratio Lower Upper

232 100

131 40.0 32.7 49.1

130 2.7 2.6 3.8

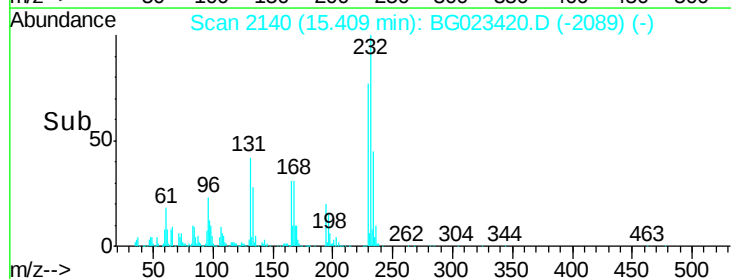
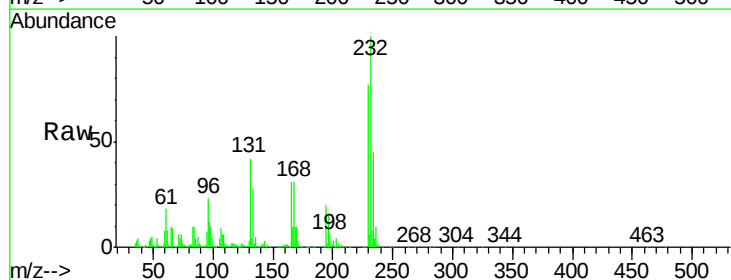
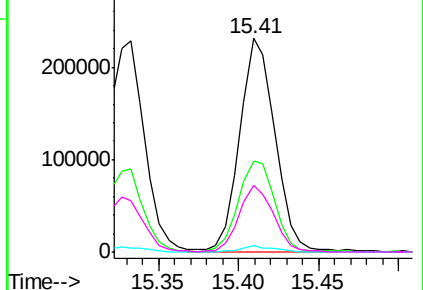
166 26.5 23.0 34.6

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





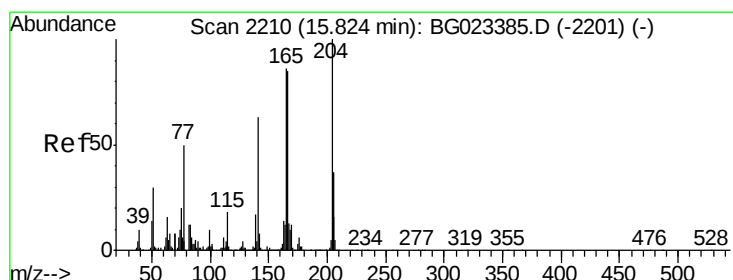
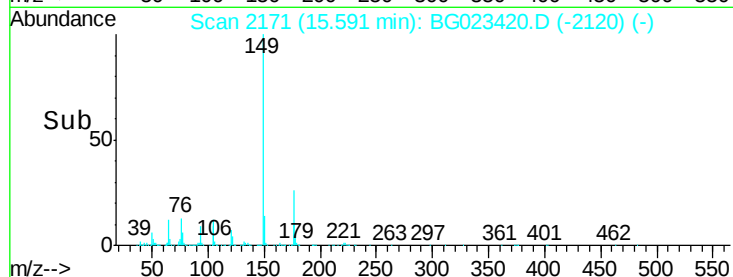
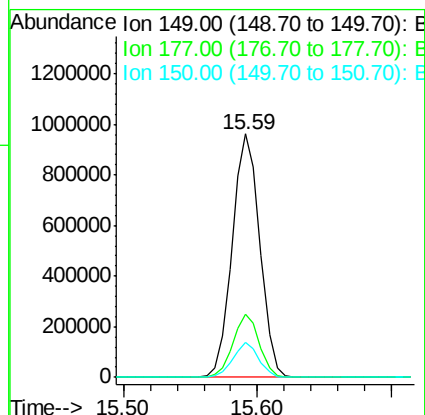
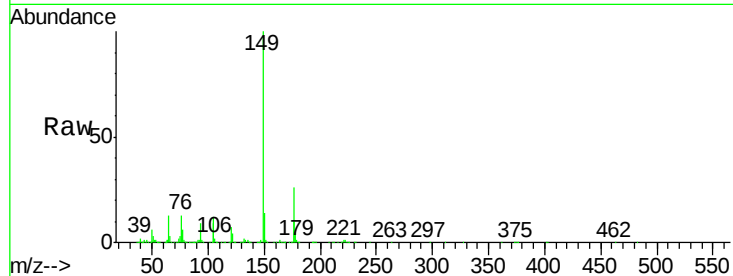
#59  
Diethylphthalate  
Concen: 41.48 ng  
RT: 15.59 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.0  | 19.2  | 28.8  |
| 150     | 14.5  | 10.6  | 16.0  |

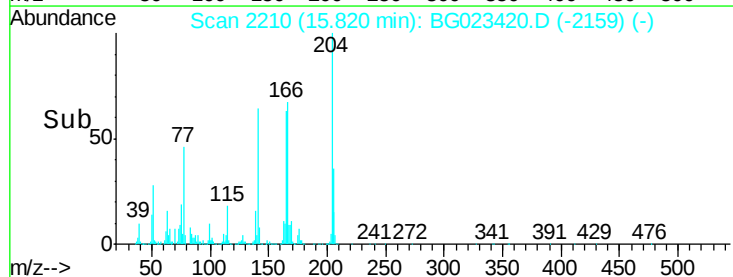
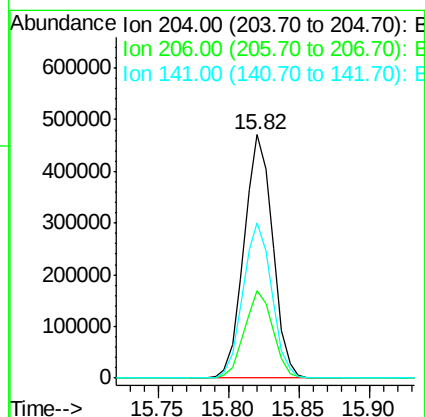
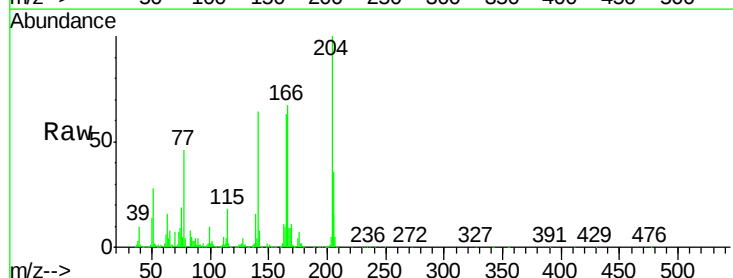
Manual Integrations  
APPROVED

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#60  
4-Chlorophenyl-phenylether  
Concen: 39.31 ng  
RT: 15.82 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.1  | 28.5  | 42.7  |
| 141     | 63.6  | 51.4  | 77.0  |





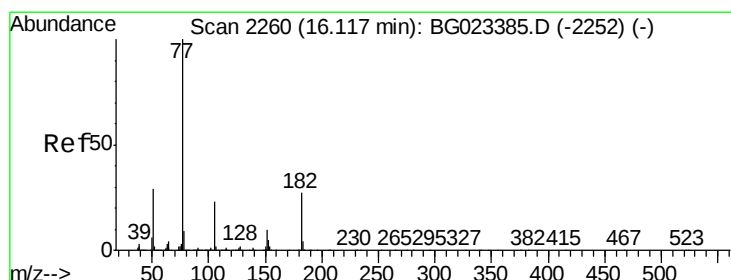
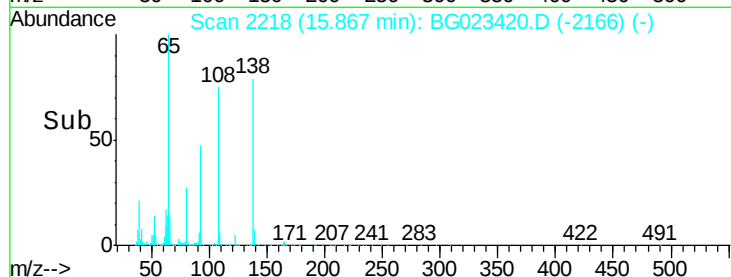
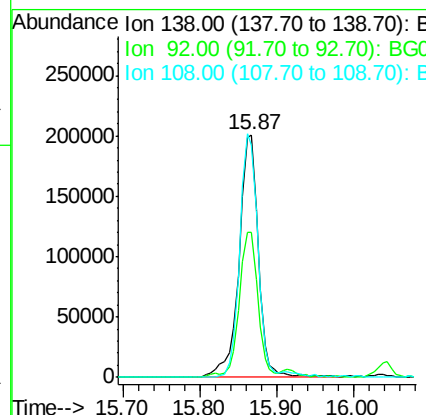
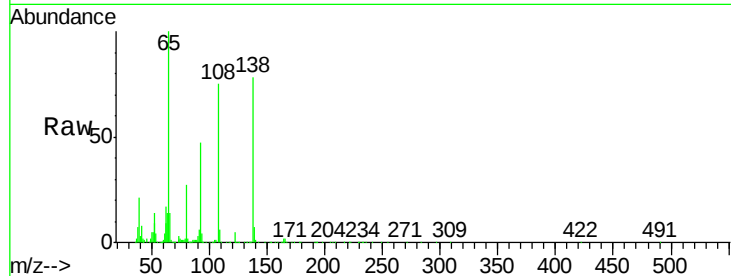
#61  
4-Nitroaniline  
Concen: 38.17 ng  
RT: 15.87 min Scan# 2218  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 59.7  | 54.1  | 94.1   |
| 108     | 95.5  | 133.9 | 173.9# |

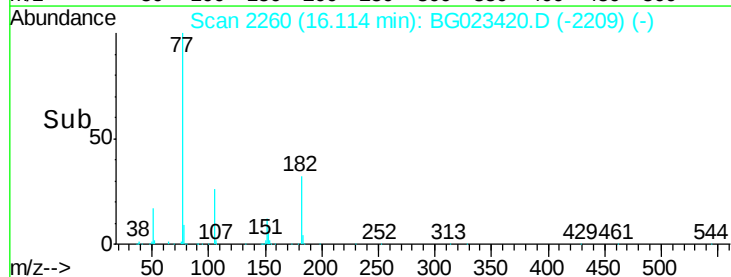
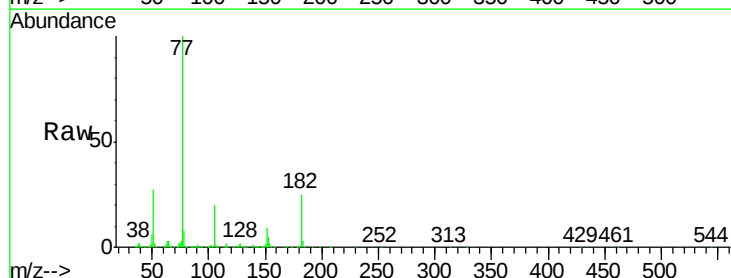
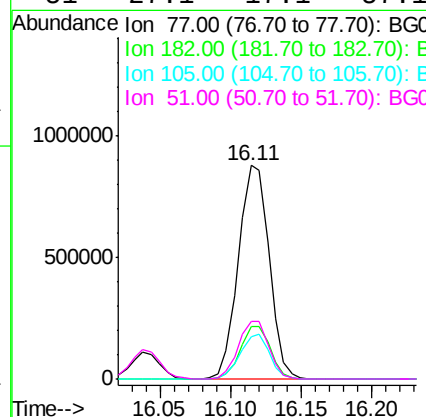
Manual Integrations  
APPROVED

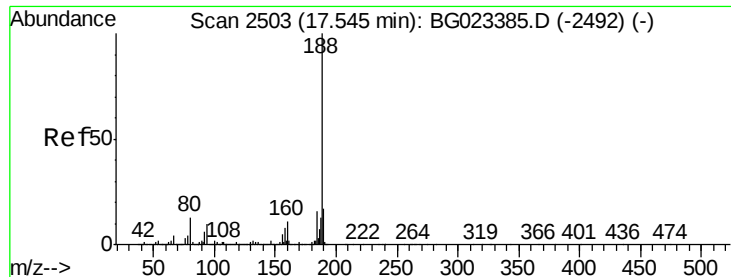
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#62  
Azobenzene  
Concen: 39.52 ng  
RT: 16.11 min Scan# 2260  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.8  | 3.5   | 43.5  |
| 105     | 19.8  | 0.0   | 38.5  |
| 51      | 27.1  | 17.1  | 57.1  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 1080617

Ion Ratio Lower Upper

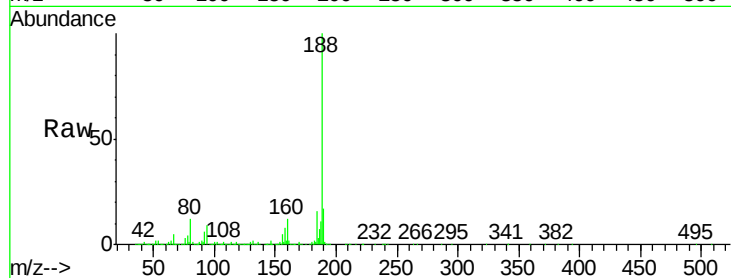
188 100

94 9.2 5.2 7.8#

80 12.5 7.2 10.8#

Manual Integrations  
APPROVED

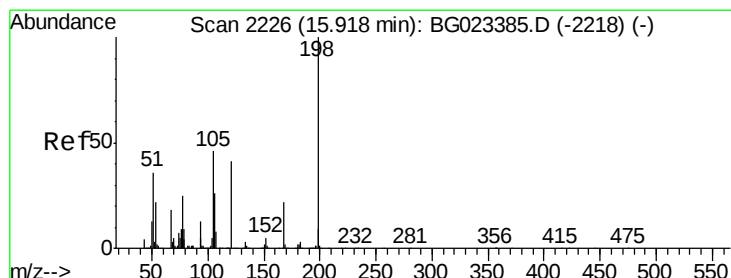
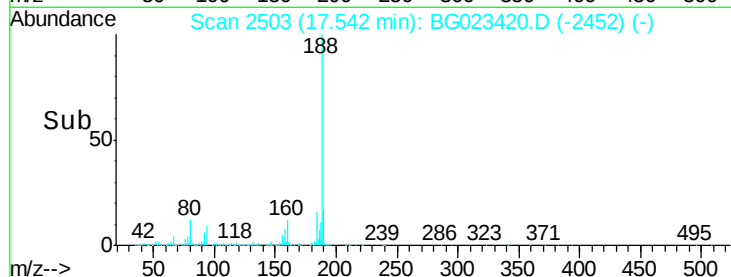
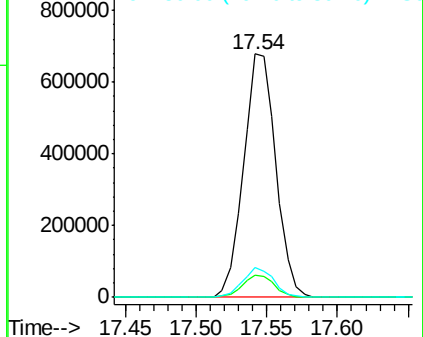
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.42 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

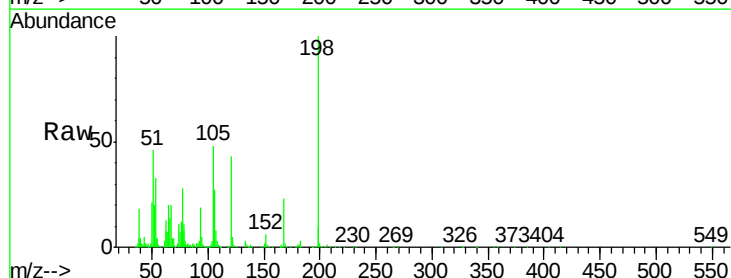
Tgt Ion:198 Resp: 311635

Ion Ratio Lower Upper

198 100

51 46.2 26.0 66.0

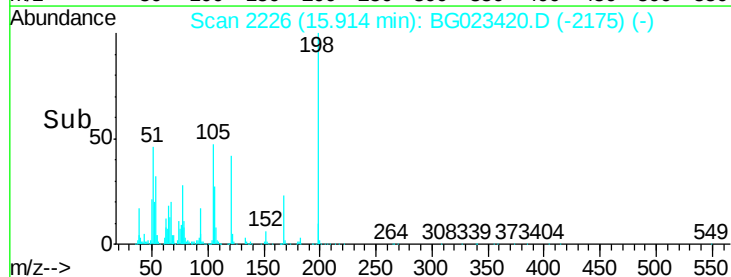
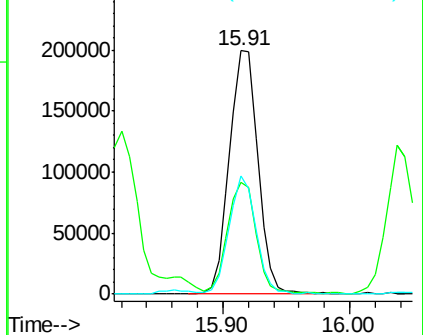
105 48.3 20.1 60.1

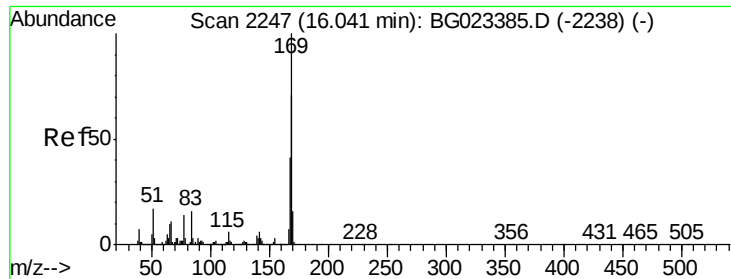


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.75 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1164755

Ion Ratio Lower Upper

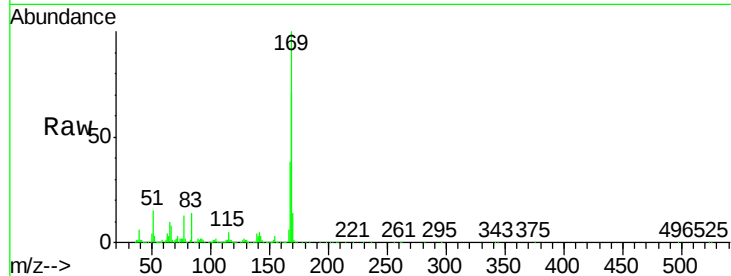
169 100

168 71.3 55.0 82.4

167 38.1 27.4 41.0

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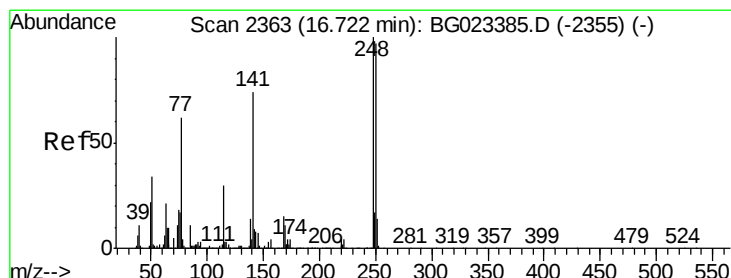
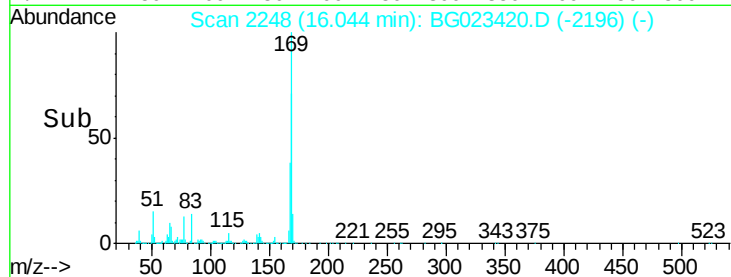
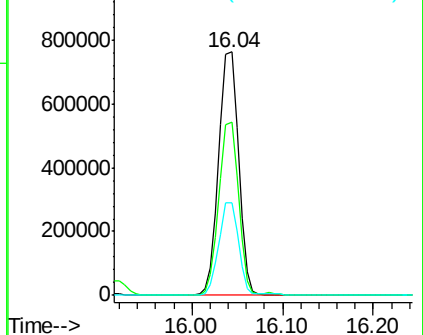
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.98 ng

RT: 16.72 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

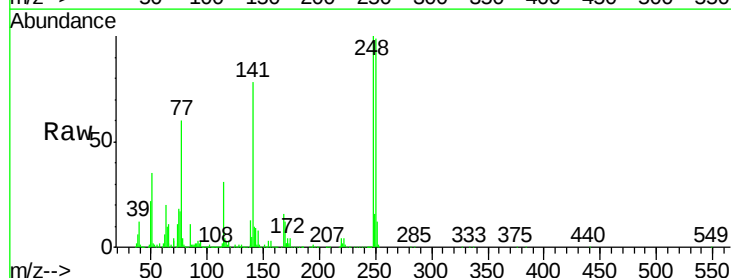
Tgt Ion:248 Resp: 478312

Ion Ratio Lower Upper

248 100

250 99.3 77.8 116.8

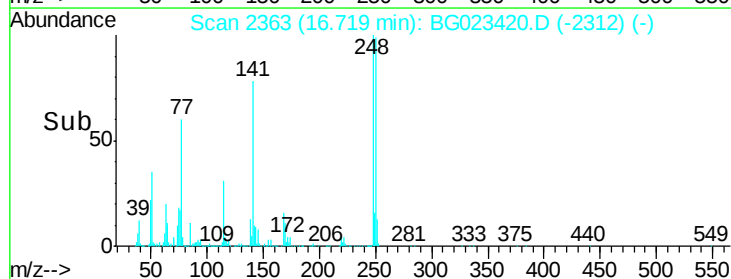
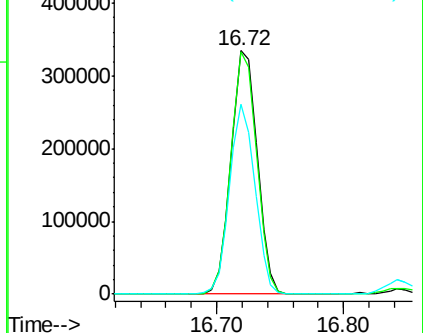
141 78.0 65.7 98.5

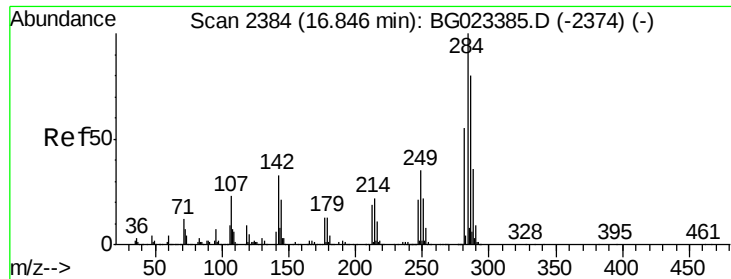


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





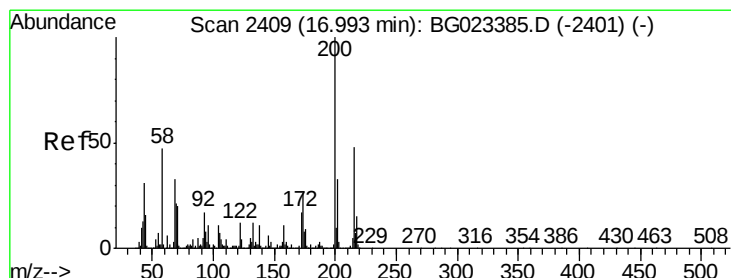
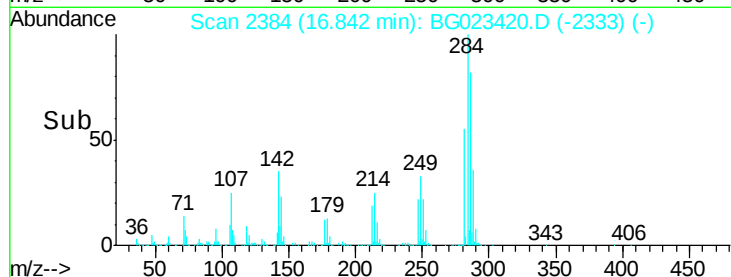
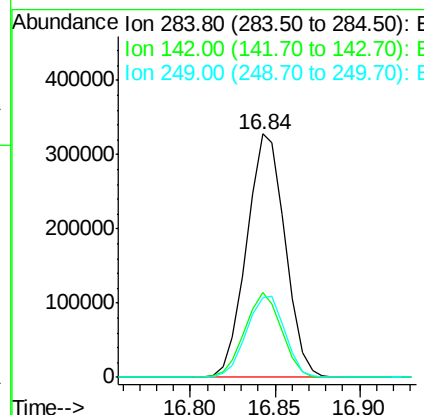
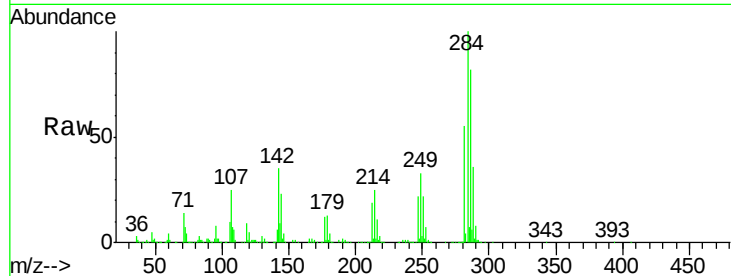
#67  
Hexachlorobenzene  
Concen: 37.53 ng  
RT: 16.84 min Scan# 2384  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 517178 |       |       |
| 142     | 35.0  | 26.8   | 40.2  |       |
| 249     | 32.7  | 28.9   | 43.3  |       |

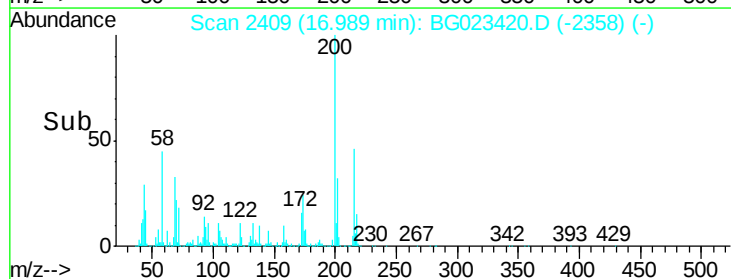
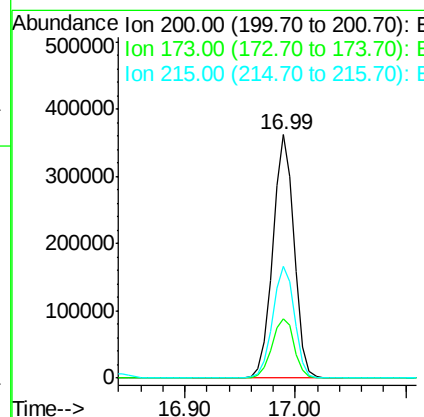
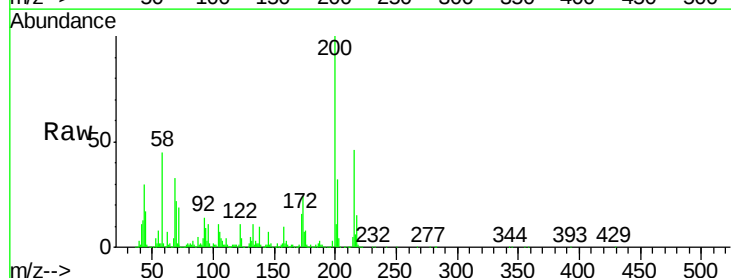
Manual Integrations  
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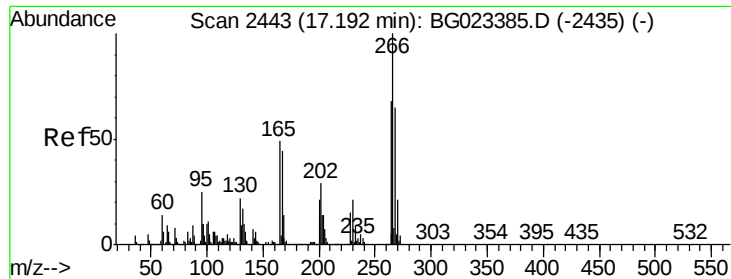
sohil  
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#68  
Atrazine  
Concen: 40.16 ng  
RT: 16.99 min Scan# 2409  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 488829 |       |       |
| 173     | 24.3  | 1.6    | 41.6  |       |
| 215     | 45.9  | 28.7   | 68.7  |       |





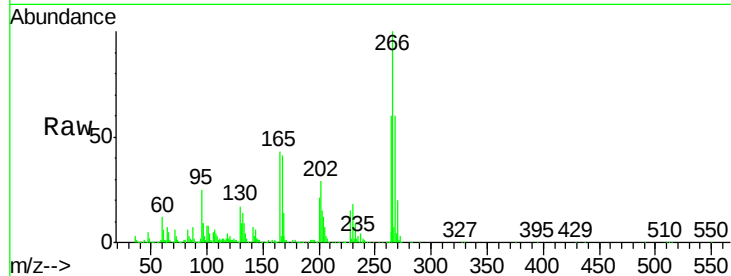
#69  
 Pentachlorophenol  
 Concen: 40.91 ng  
 RT: 17.19 min Scan# 2444  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 328621 |       |       |
| 268     | 59.7  |        | 51.9  | 77.9  |
| 264     | 60.4  |        | 50.6  | 75.8  |

Manual Integrations  
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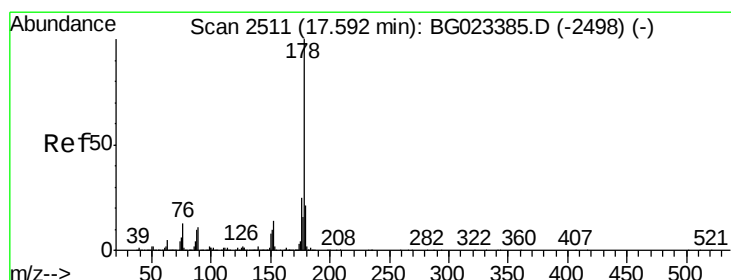
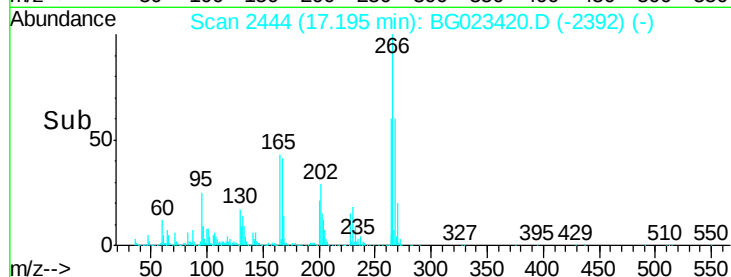
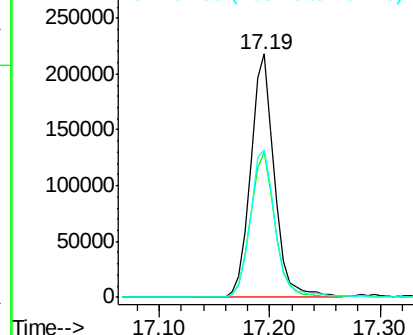


Abundance

Ion 265.70 (265.40 to 266.40): E

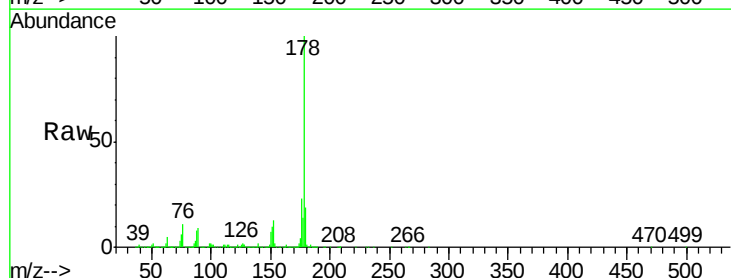
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 37.54 ng  
 RT: 17.59 min Scan# 2511  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 2058244 |       |       |
| 176     | 23.3  |         | 16.8  | 25.2  |
| 179     | 19.2  |         | 14.3  | 21.5  |

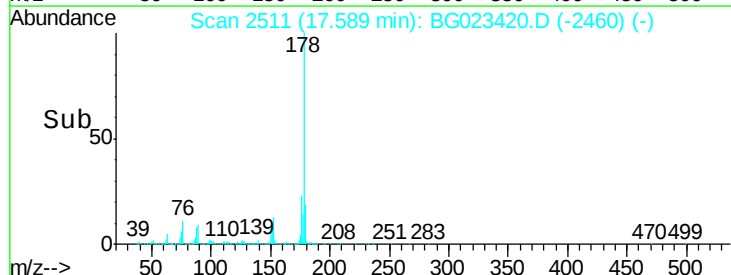
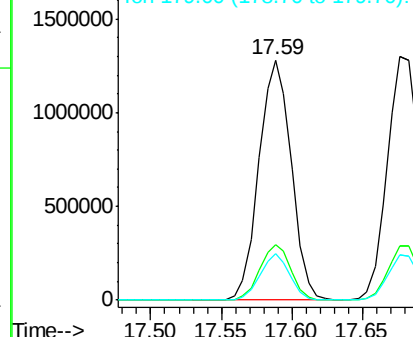


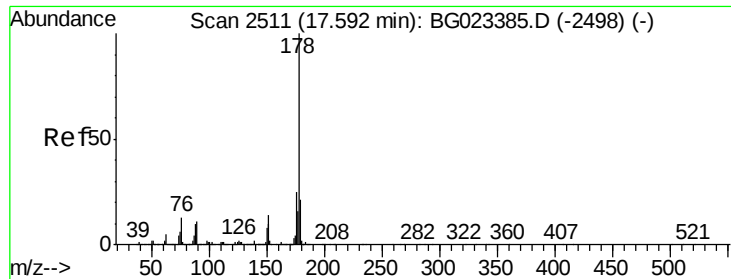
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





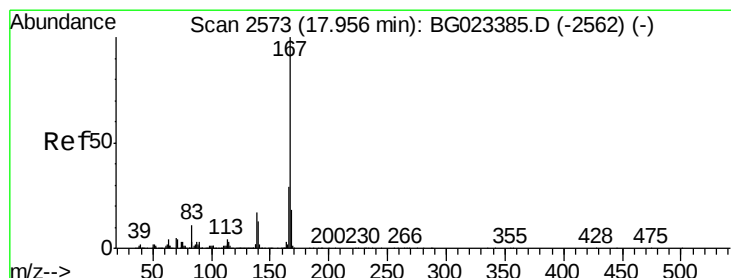
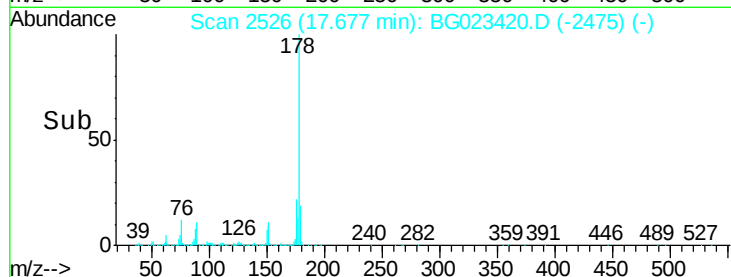
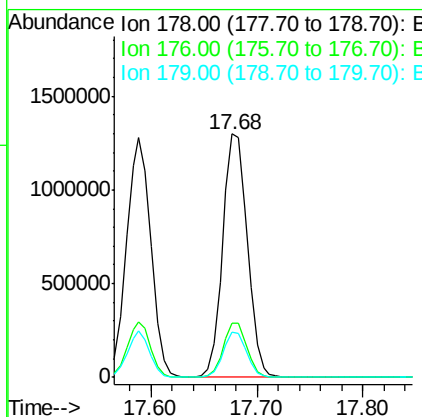
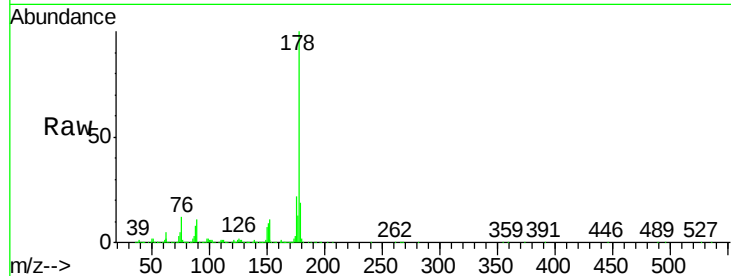
#71  
 Anthracene  
 Concen: 38.08 ng  
 RT: 17.68 min Scan# 2526  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.5  | 17.3  | 25.9  |
| 179     | 18.8  | 14.0  | 21.0  |

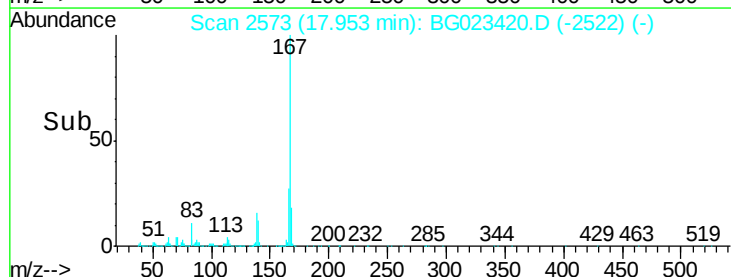
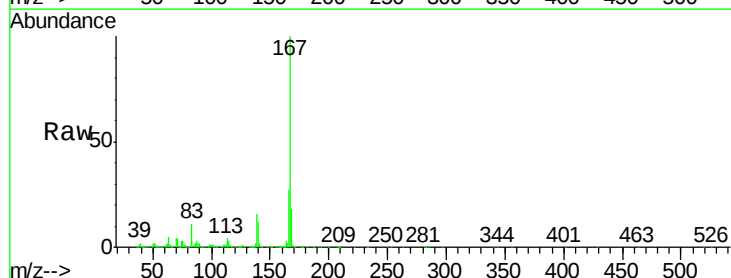
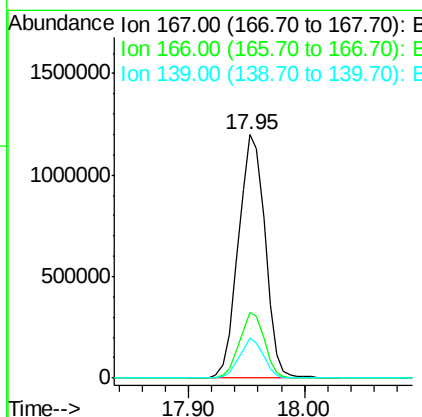
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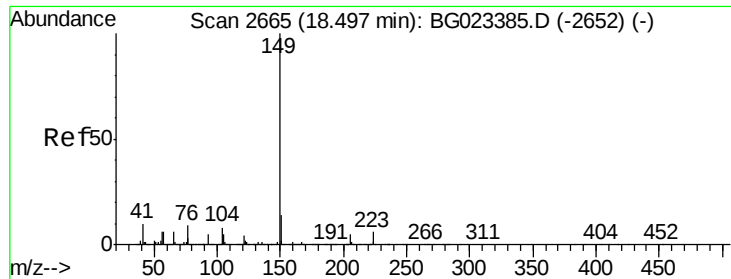
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#72  
 Carbazole  
 Concen: 39.76 ng  
 RT: 17.95 min Scan# 2573  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 26.7  | 20.7  | 31.1  |
| 139     | 16.2  | 11.9  | 17.9  |





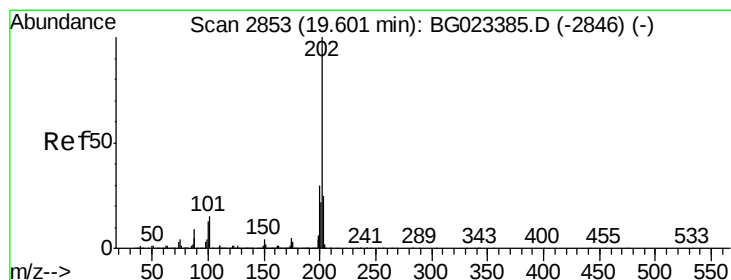
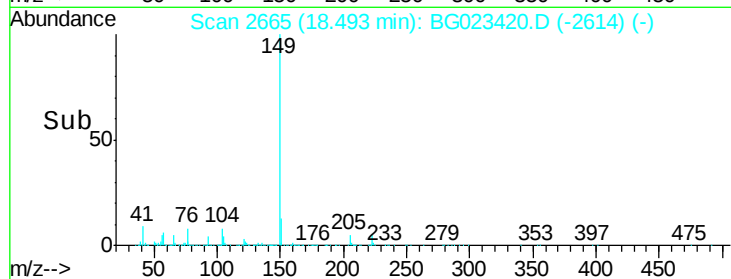
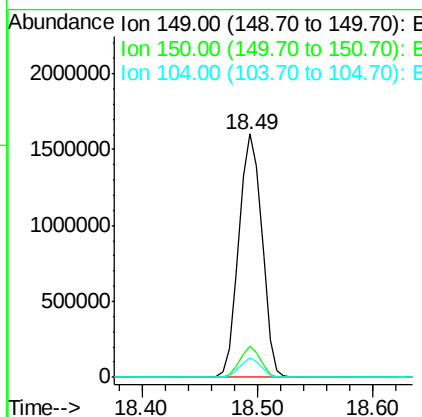
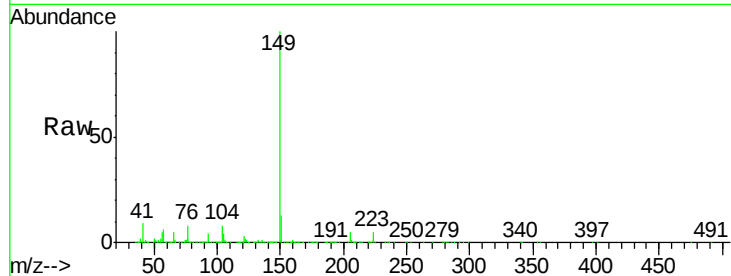
#73  
Di-n-butylphthalate  
Concen: 45.49 ng  
RT: 18.49 min Scan# 2665  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 12.6  | 9.1   | 13.7  |
| 104     | 8.2   | 6.9   | 10.3  |

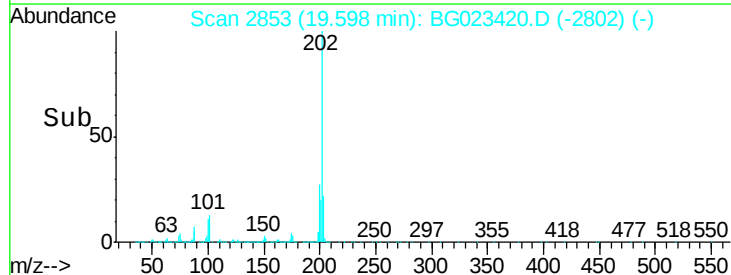
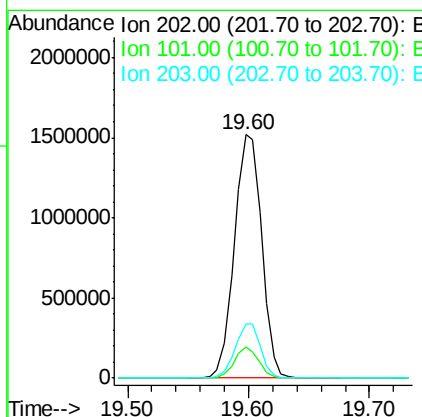
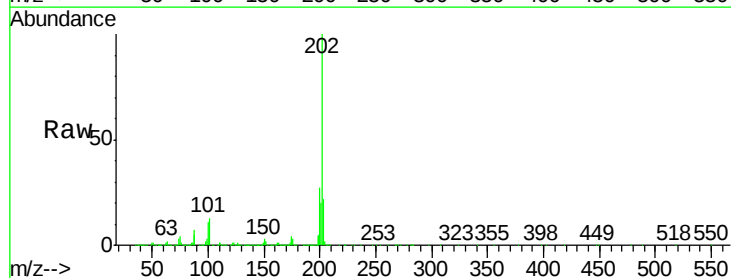
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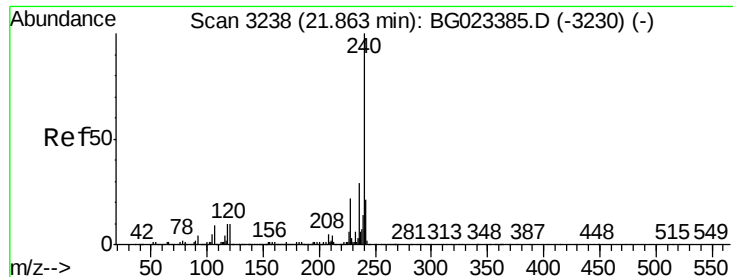
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#74  
Fluoranthene  
Concen: 46.65 ng  
RT: 19.60 min Scan# 2853  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.0  | 0.0   | 27.4  |
| 203     | 22.4  | 1.7   | 41.7  |





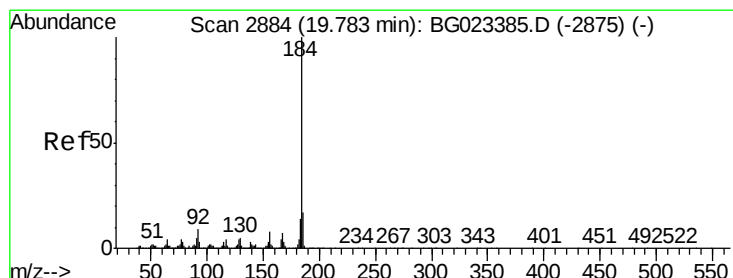
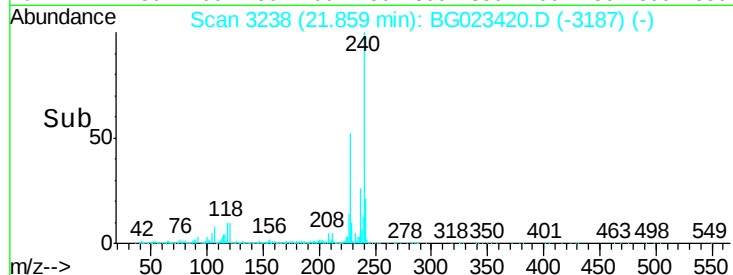
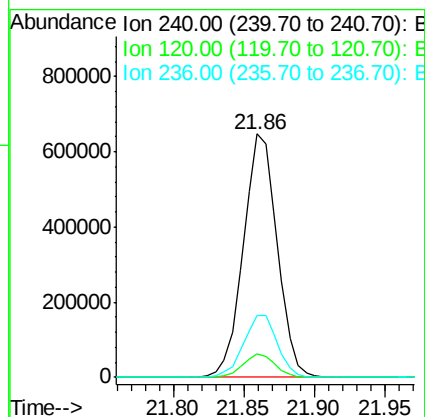
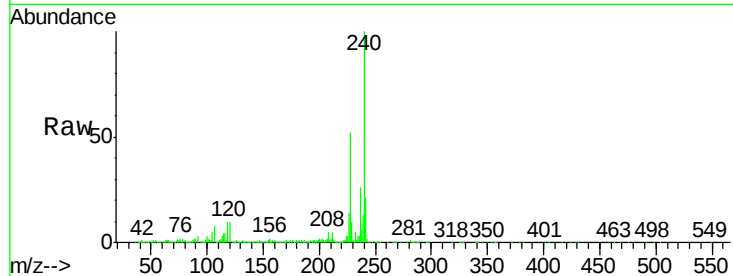
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.86 min Scan# 3238  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:240 Resp: 1085509  
Ion Ratio Lower Upper  
240 100  
120 9.7 4.1 6.1#  
236 25.5 21.1 31.7

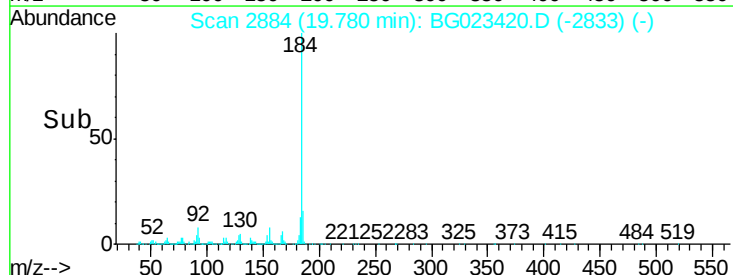
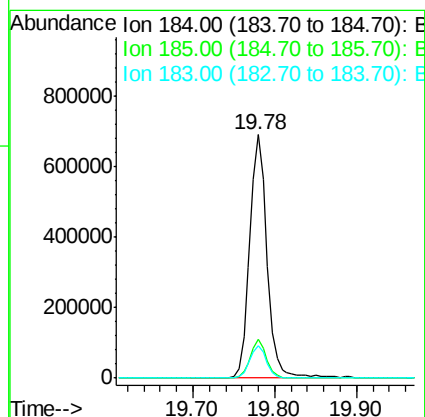
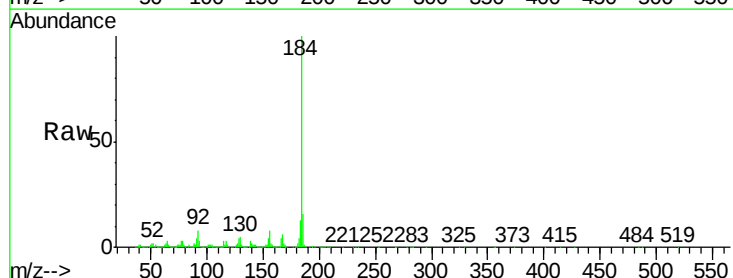
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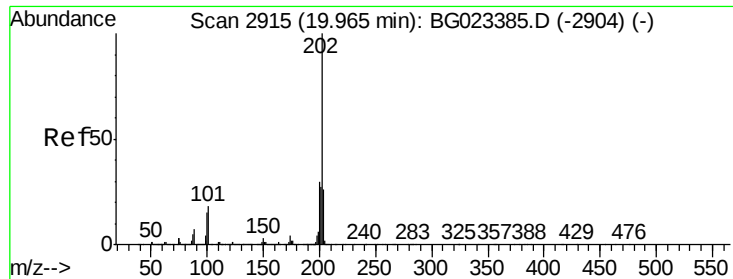
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#76  
Benzidine  
Concen: 33.68 ng  
RT: 19.78 min Scan# 2884  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Tgt Ion:184 Resp: 1016318  
Ion Ratio Lower Upper  
184 100  
185 15.9 12.6 19.0  
183 13.1 10.7 16.1





#77

Pvrene

Concen: 38.26 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2433088

Ion Ratio Lower Upper

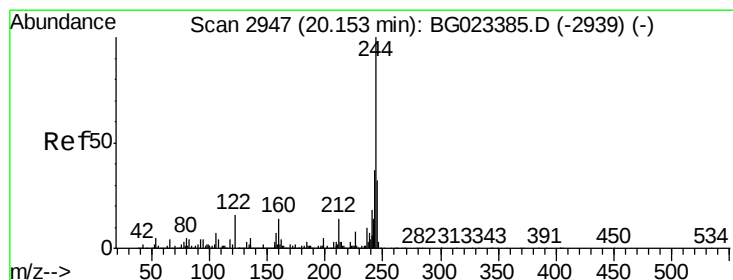
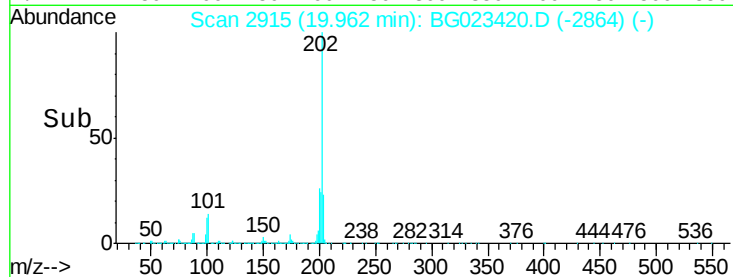
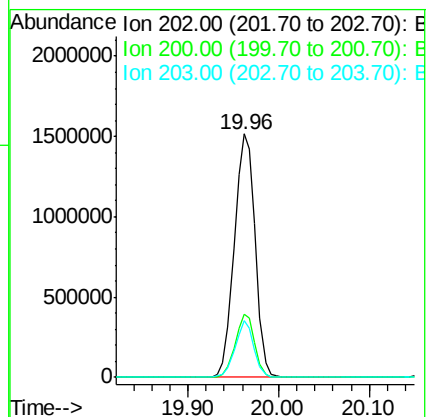
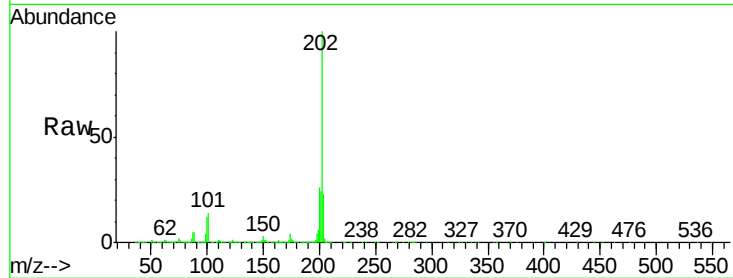
202 100

200 26.0 21.2 31.8

203 23.1 16.8 25.2

Manual Integrations  
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#78

Terphenyl-d14

Concen: 77.21 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

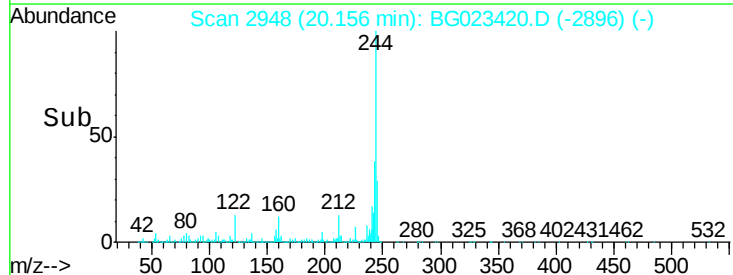
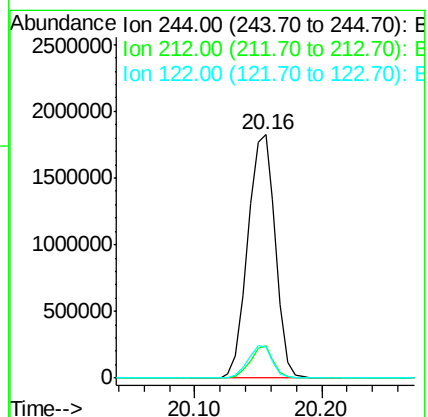
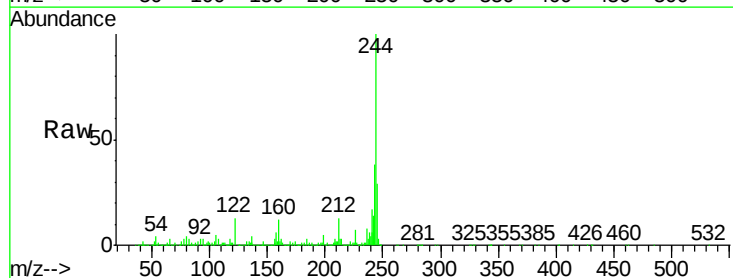
Tgt Ion:244 Resp: 2739145

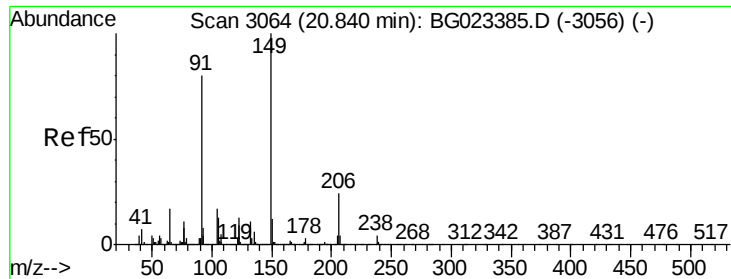
Ion Ratio Lower Upper

244 100

212 13.3 10.8 16.2

122 12.7 8.0 12.0#





#79

Butylbenzylphthalate

Concen: 39.48 ng

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1032037

Ion Ratio Lower Upper

149 100

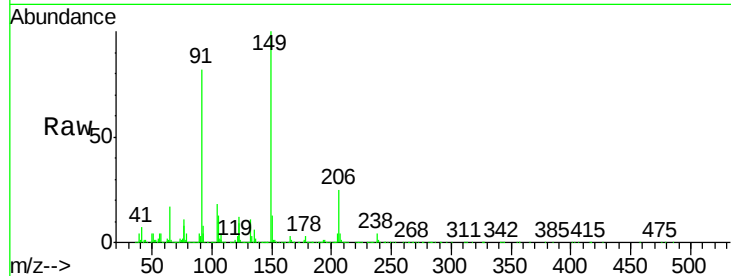
91 81.5 68.1 102.1

206 25.4 19.8 29.6

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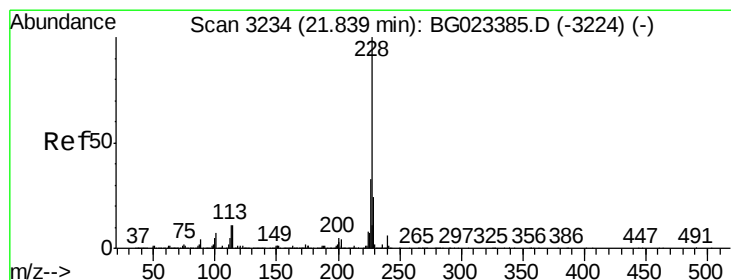
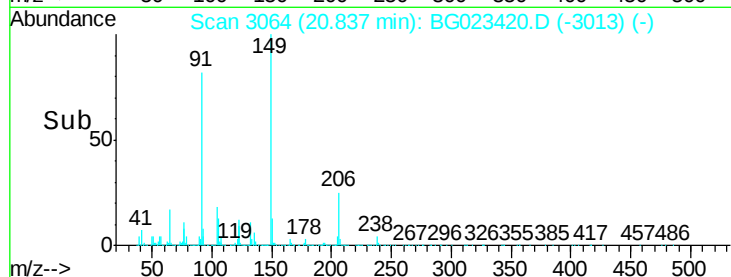
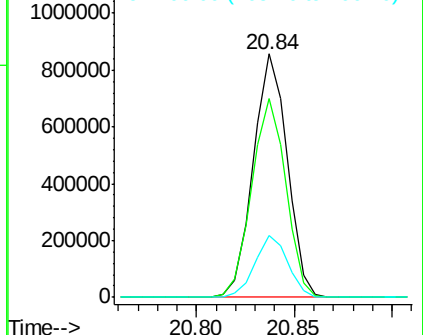
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.46 ng

RT: 21.84 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

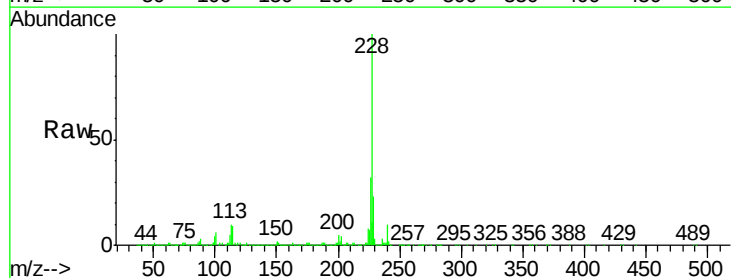
Tgt Ion:228 Resp: 2244708

Ion Ratio Lower Upper

228 100

226 32.1 25.3 37.9

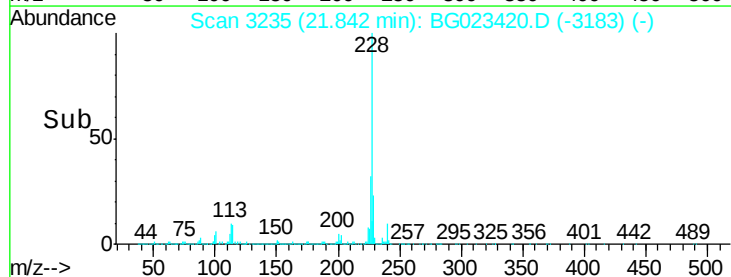
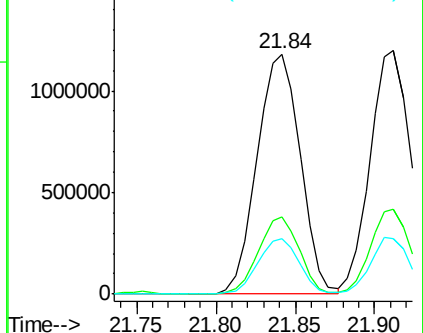
229 23.2 19.9 29.9

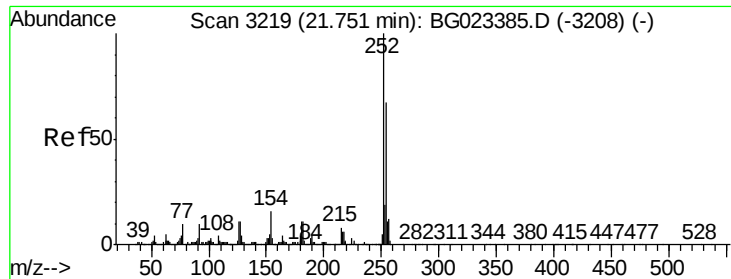


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





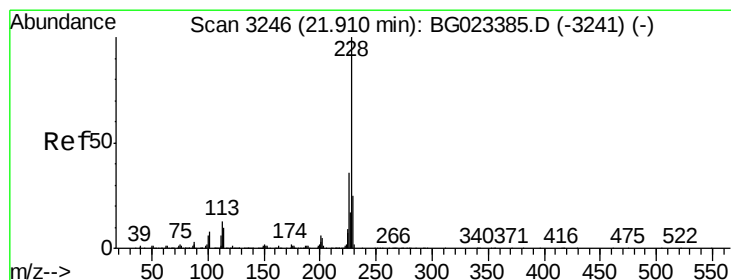
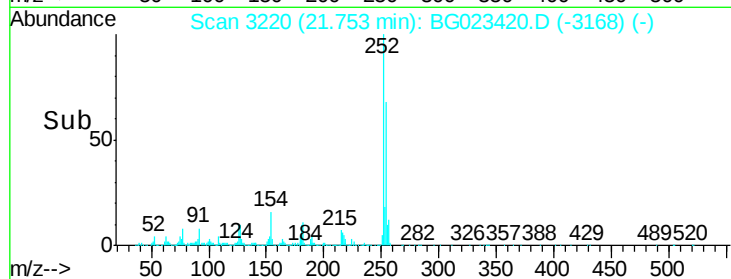
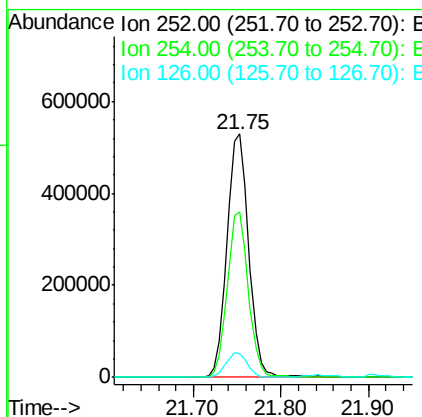
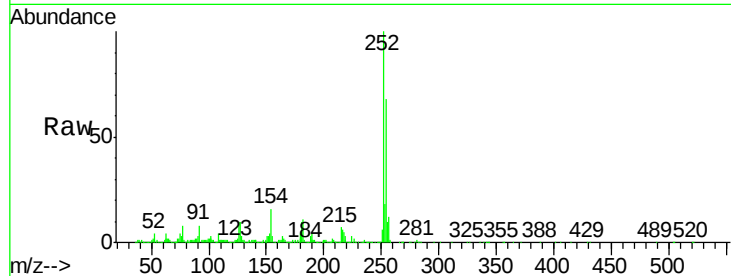
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.84 ng  
 RT: 21.75 min Scan# 3220  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 905312 |       |       |
| 254     | 68.1  | 51.2   | 76.8  |       |
| 126     | 9.8   | 5.3    | 7.9   |       |

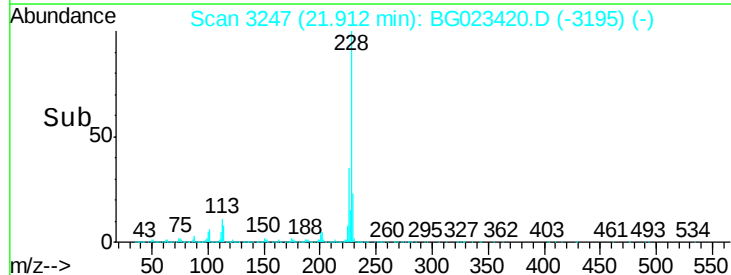
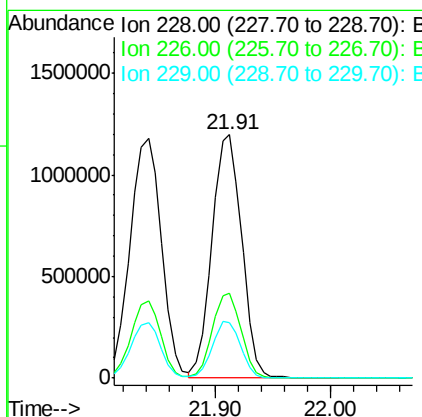
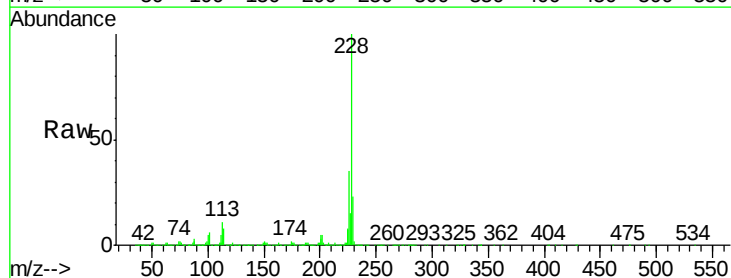
Manual Integrations  
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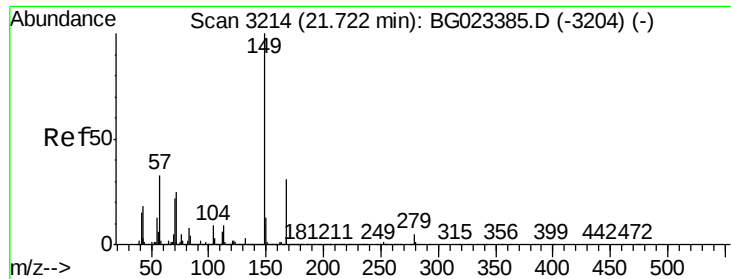
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#82  
 Chrysene  
 Concen: 37.44 ng  
 RT: 21.91 min Scan# 3247  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 2134396 |       |       |
| 226     | 35.0  | 26.7    | 40.1  |       |
| 229     | 23.0  | 17.4    | 26.2  |       |





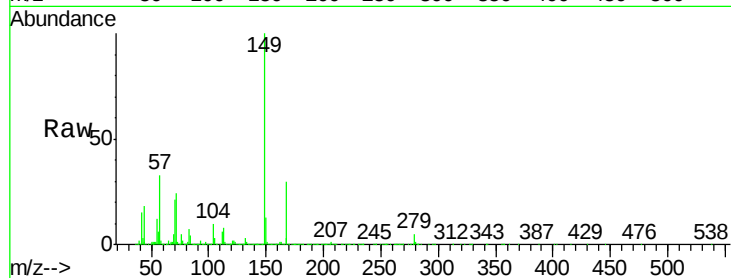
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.86 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

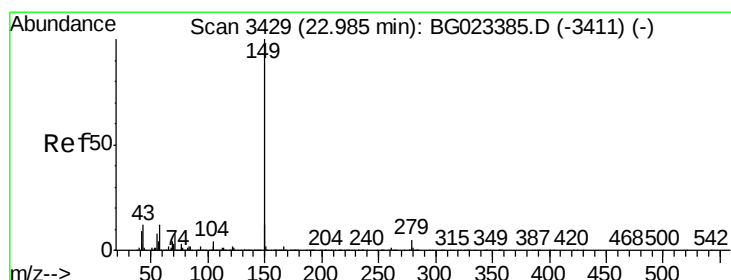
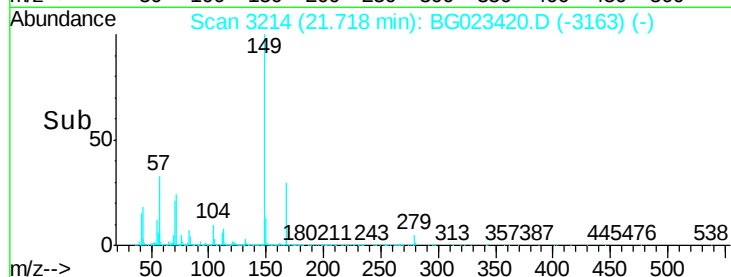
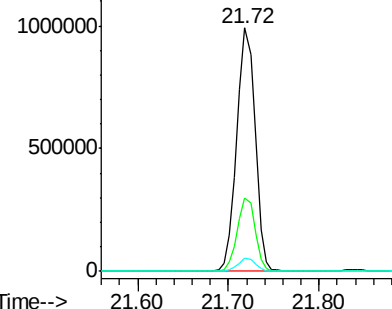
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.3  | 24.0  | 36.0  |
| 279     | 5.2   | 4.8   | 7.2   |

Manual Integrations  
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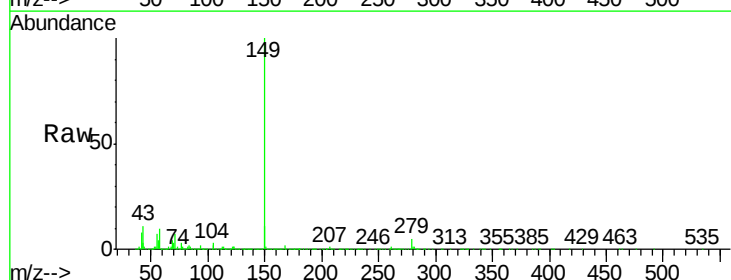


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

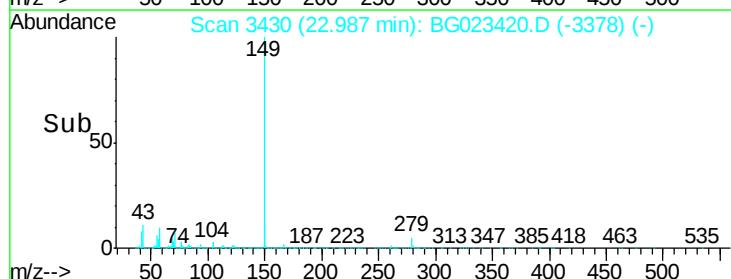
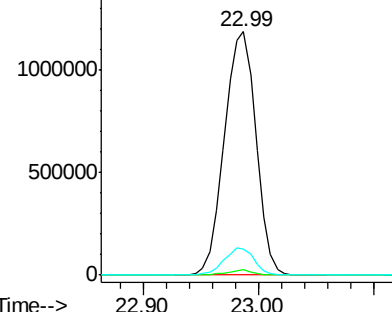


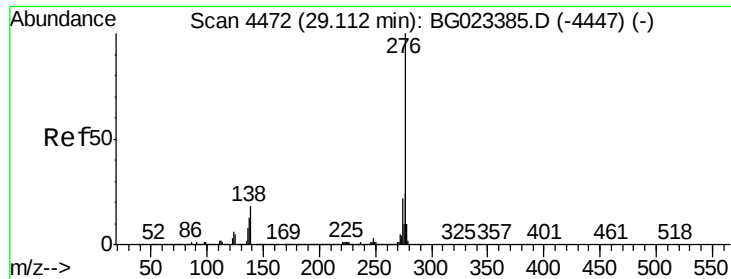
#84  
 Di-n-octyl phthalate  
 Concen: 36.79 ng  
 RT: 22.99 min Scan# 3430  
 Delta R.T. 0.00 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.5   | 2.3   |
| 43      | 10.5  | 8.8   | 13.2  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG





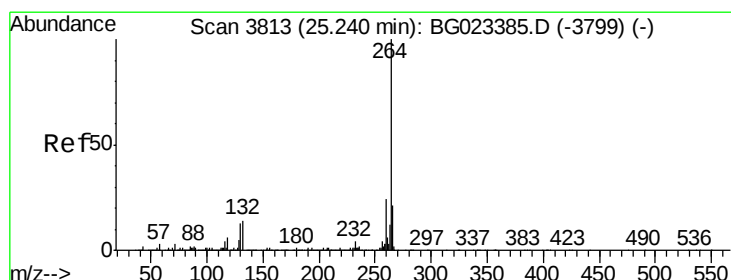
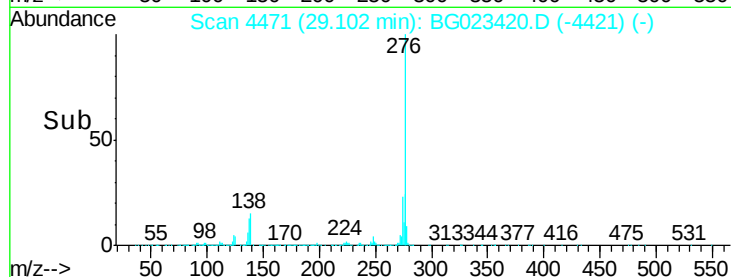
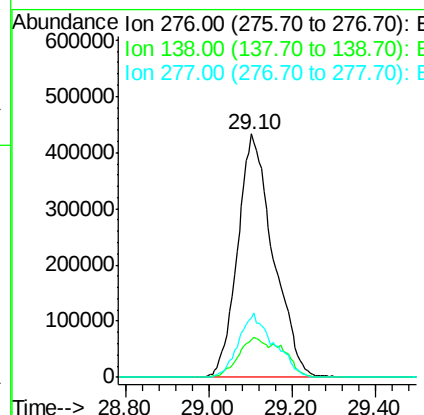
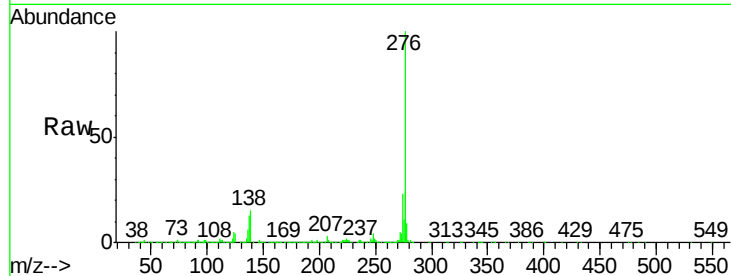
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.03 ng  
RT: 29.10 min Scan# 4471  
Delta R.T. -0.01 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.8  | 0.0   | 0.0#  |
| 277     | 26.2  | 0.0   | 0.0#  |

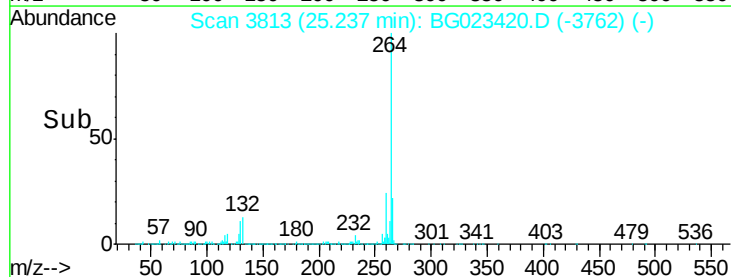
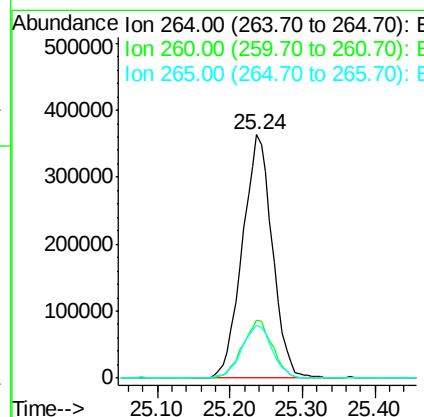
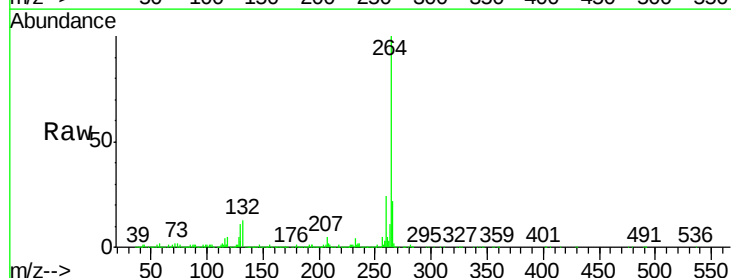
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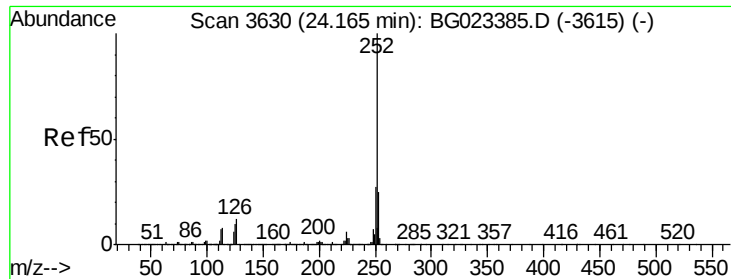
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.24 min Scan# 3813  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.4  | 27.6  |
| 265     | 22.0  | 18.9  | 28.3  |





#87

Benzo(b)fluoranthene

Concen: 38.41 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2243248

Ion Ratio Lower Upper

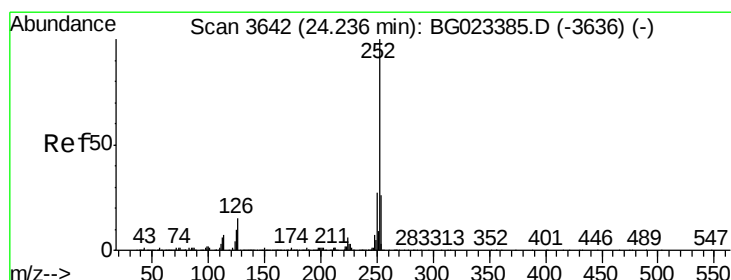
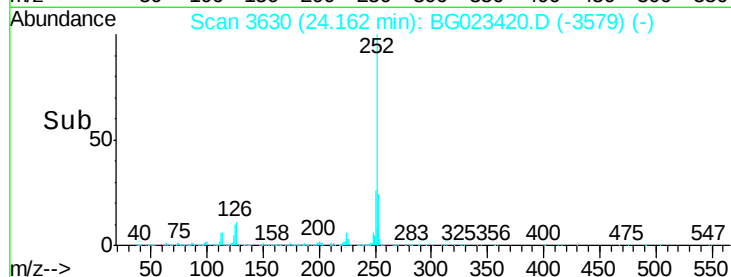
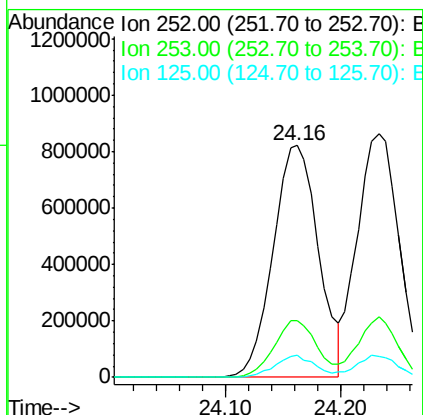
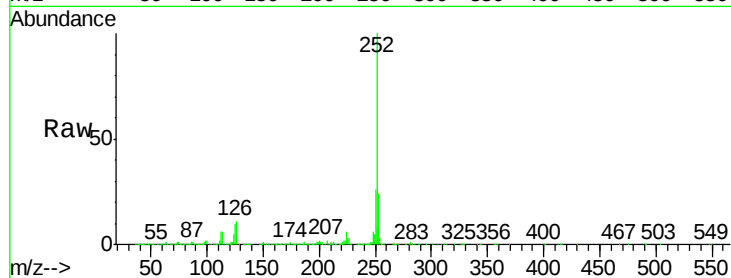
252 100

253 24.2 18.9 28.3

125 9.6 3.9 5.9#

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#88

Benzo(k)fluoranthene

Concen: 38.64 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG023420.D

Acq: 3 Aug 2016 10:57

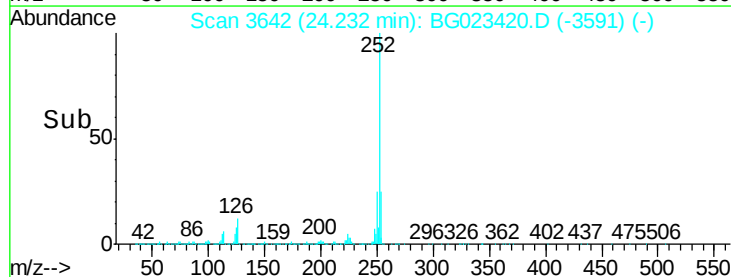
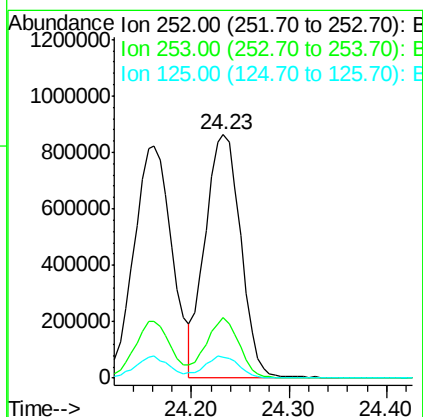
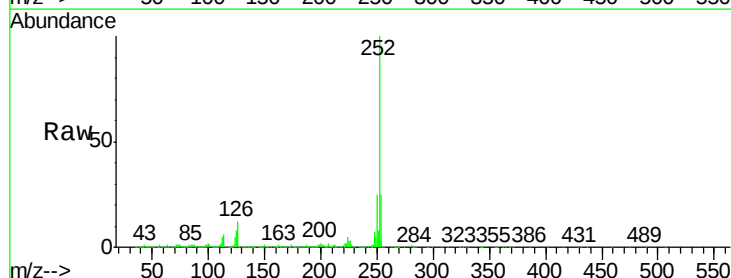
Tgt Ion:252 Resp: 2167400

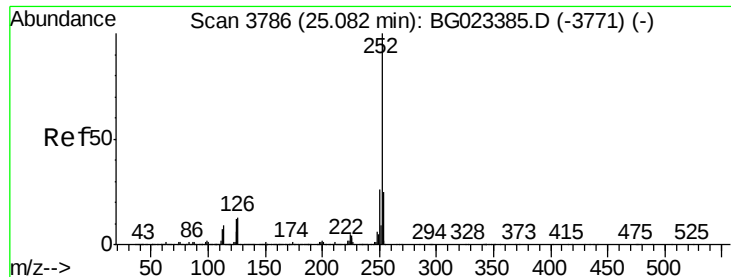
Ion Ratio Lower Upper

252 100

253 25.0 18.8 28.2

125 8.5 3.2 4.8#





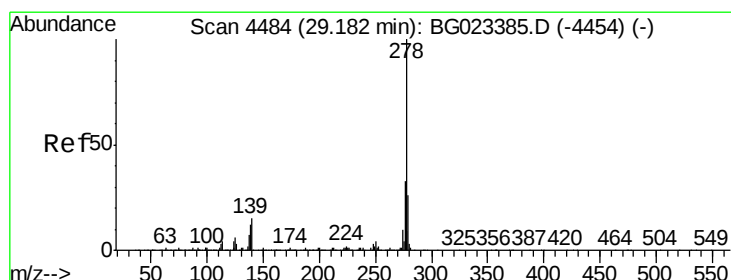
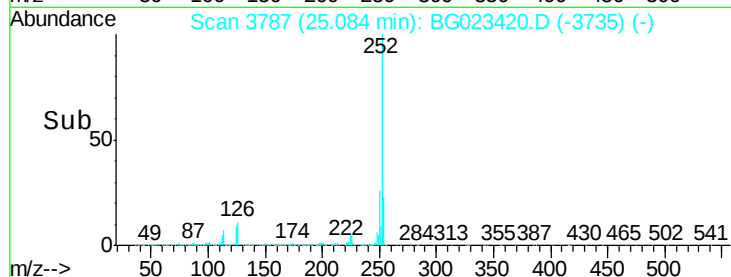
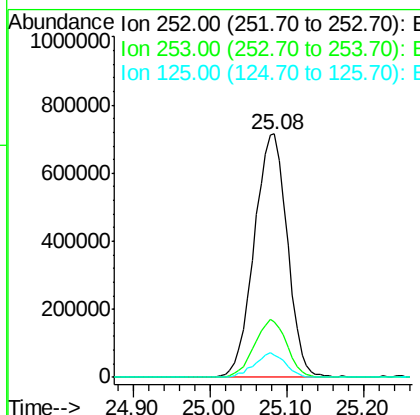
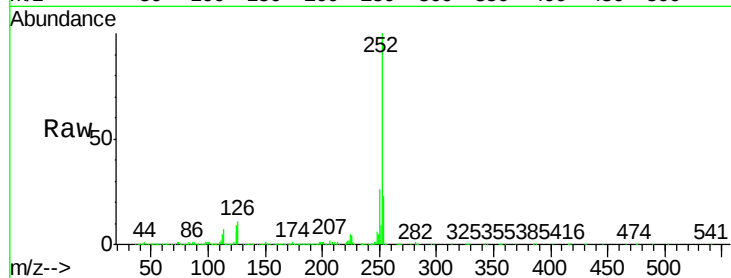
#89  
Benzo(a)pyrene  
Concen: 38.67 ng  
RT: 25.08 min Scan# 3787  
Delta R.T. 0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.7  | 28.1  |
| 125     | 9.2   | 3.9   | 5.9   |

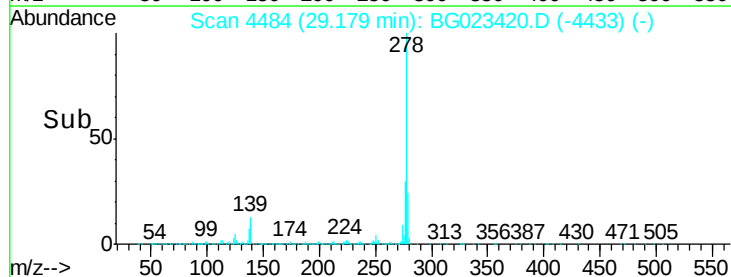
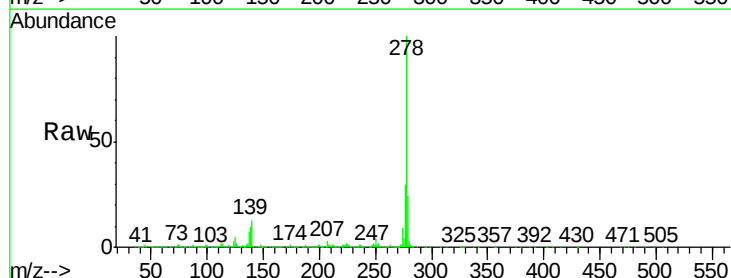
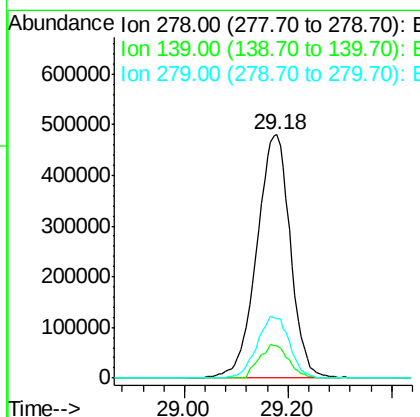
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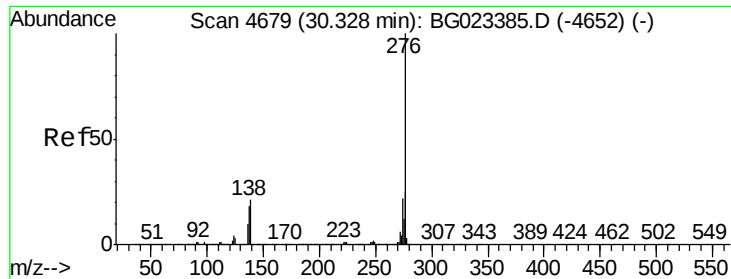
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.08 ng  
RT: 29.18 min Scan# 4484  
Delta R.T. -0.00 min  
Lab File: BG023420.D  
Acq: 3 Aug 2016 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.5  | 4.7   | 7.1   |
| 279     | 24.3  | 18.3  | 27.5  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.25 ng  
 RT: 30.32 min Scan# 4678  
 Delta R.T. -0.01 min  
 Lab File: BG023420.D  
 Acq: 3 Aug 2016 10:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 18.6  | 27.8  |
| 138     | 15.7  | 6.8   | 10.2  |

Manual Integrations  
 APPROVED

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