

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\  
 Data File : BG038636.D  
 Acq On : 16 Dec 2018 12:06  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 12/17/2018 4:13:59 PM

Quant Time: Dec 17 05:55:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 27669    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 119653   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 75030    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 182913   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 176149   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 194916   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 129927 | 83.29 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 179768 | 83.94 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 190604 | 81.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 85592  | 82.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 439393 | 80.34 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 649461 | 80.24 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 27100  | 37.326 | ng | 95     |
| 3) Pyridine                    | 3.90  | 79  | 80875  | 40.458 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 43266  | 44.174 | ng | # 94   |
| 6) Aniline                     | 7.39  | 93  | 113030 | 41.345 | ng | 96     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 75928  | 42.059 | ng | 99     |
| 9) Benzaldehyde                | 7.20  | 77  | 55962  | 40.281 | ng | 97     |
| 10) Phenol                     | 7.24  | 94  | 95247  | 41.863 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 75751  | 41.818 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 87978  | 41.217 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 88193  | 40.342 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 82993  | 40.269 | ng | 97     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 73155  | 43.764 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 169544 | 40.859 | ng | 98     |
| 17) 2-Methylphenol             | 8.50  | 107 | 65944  | 43.260 | ng | 97     |
| 18) Hexachloroethane           | 9.14  | 117 | 32692  | 40.925 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 64038  | 42.575 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 90813  | 43.137 | ng | 95     |
| 22) Acetophenone               | 8.89  | 105 | 117551 | 39.332 | ng | # 98   |
| 24) Nitrobenzene               | 9.28  | 77  | 97944  | 41.337 | ng | 98     |
| 25) Isophorone                 | 9.79  | 82  | 157506 | 37.429 | ng | 98     |
| 26) 2-Nitrophenol              | 9.99  | 139 | 48921  | 40.341 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 71788  | 41.305 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 94042  | 39.600 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 83208  | 43.035 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 94980  | 40.668 | ng | 99     |
| 31) Naphthalene                | 10.93 | 128 | 233655 | 39.633 | ng | 98     |
| 32) Benzoic acid               | 10.20 | 122 | 36938m | 36.539 | ng |        |
| 33) 4-Chloroaniline            | 11.04 | 127 | 106039 | 41.429 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 64796  | 41.003 | ng | 93     |
| 35) Caprolactam                | 11.84 | 113 | 29558  | 36.940 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 86577  | 39.239 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 170103 | 40.444 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 163102 | 39.964 | ng | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 117140 | 41.767 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\  
 Data File : BG038636.D  
 Acq On : 16 Dec 2018 12:06  
 Operator : JU/SJ  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

Manual Integrations  
 APPROVED

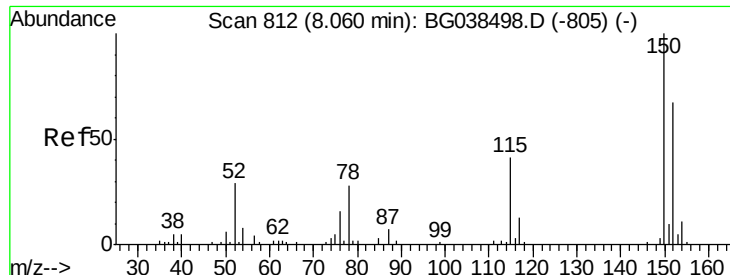
Sohil  
 12/17/2018 4:13:59 PM

Quant Time: Dec 17 05:55:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 59691    | 38.739 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 70932    | 41.133 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 77551    | 42.475 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 255718   | 40.655 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 199365   | 41.033 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 66670    | 43.080 | ng    | 98       |
| 49) Acenaphthylene             | 14.42 | 152  | 289169   | 39.811 | ng    | 98       |
| 50) Dimethylphthalate          | 14.14 | 163  | 248505   | 40.558 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 57039    | 41.079 | ng    | 97       |
| 52) Acenaphthene               | 14.76 | 154  | 173237   | 39.886 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.61 | 138  | 58446    | 41.292 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 25698    | 34.271 | ng    | 95       |
| 55) Dibenzofuran               | 15.10 | 168  | 295547   | 39.697 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 41698    | 38.833 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 79214    | 40.505 | ng    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 220552   | 39.985 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 64078    | 39.009 | ng    | 99       |
| 60) Diethylphthalate           | 15.50 | 149  | 261928   | 38.941 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 139532   | 40.543 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.78 | 138  | 59321    | 40.708 | ng    | 95       |
| 63) Azobenzene                 | 16.03 | 77   | 224862   | 40.018 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 50105    | 38.400 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 217712   | 40.509 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 88084    | 39.431 | ng    | 92       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 92922    | 40.127 | ng    | 96       |
| 69) Atrazine                   | 16.89 | 200  | 82434    | 41.331 | ng    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 52772    | 38.528 | ng    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 374335   | 39.465 | ng    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 371375   | 39.660 | ng    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 369726   | 39.924 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 421172   | 39.635 | ng    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 450966   | 38.426 | ng    | 97       |
| 77) Benzidine                  | 19.68 | 184  | 199129   | 38.225 | ng    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 455492   | 39.142 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 183050   | 40.263 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 442545   | 41.230 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 178275   | 41.878 | ng    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 417938   | 40.425 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 265091   | 41.112 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 447542   | 41.444 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 497570   | 40.936 | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 427100   | 39.910 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 434243   | 40.749 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 420065   | 40.687 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.87 | 278  | 414848   | 40.356 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.00 | 276  | 409842   | 40.456 | ng    | 97       |

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





#1

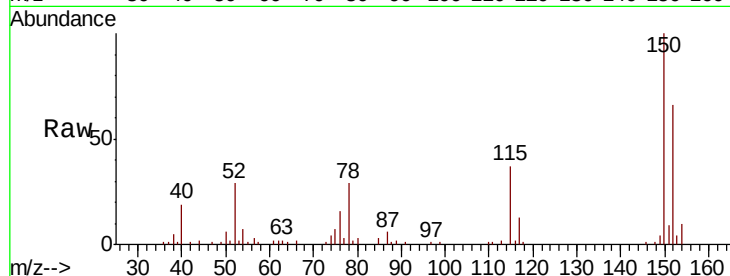
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.6 | 119.5 | 179.3 |
| 115     | 55.9  | 49.6  | 74.4  |

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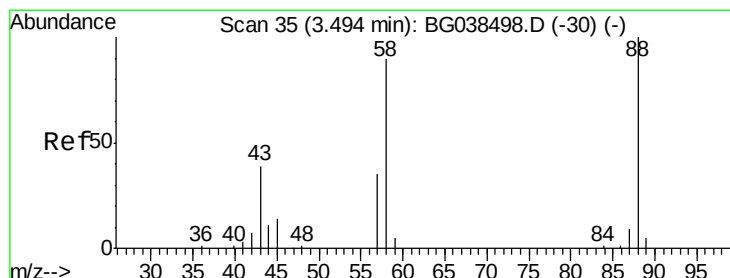
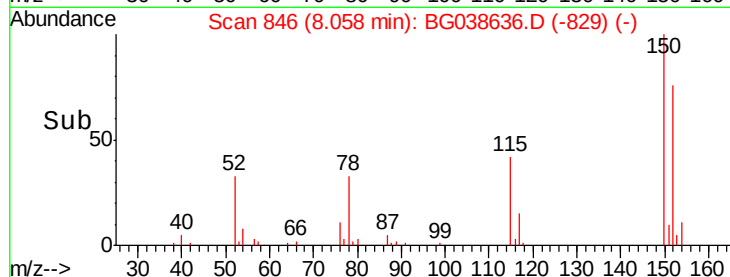
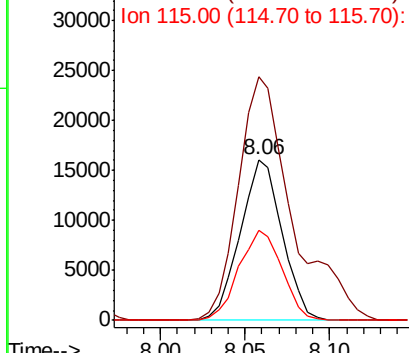


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

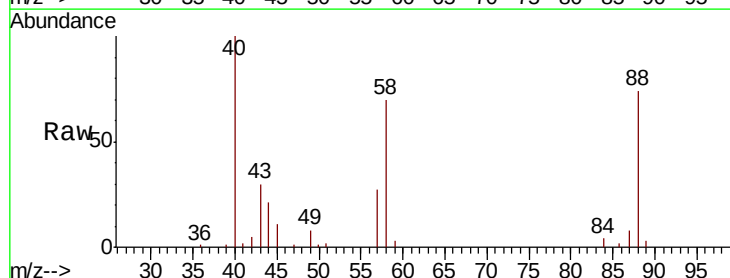
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.326 ng  
RT: 3.50 min Scan# 70  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 99.3  | 75.7  | 113.5 |
| 43      | 42.2  | 31.6  | 47.4  |

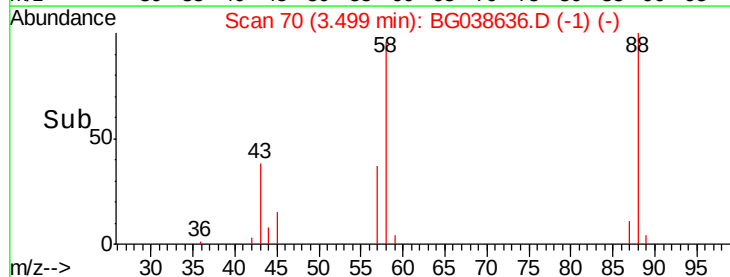
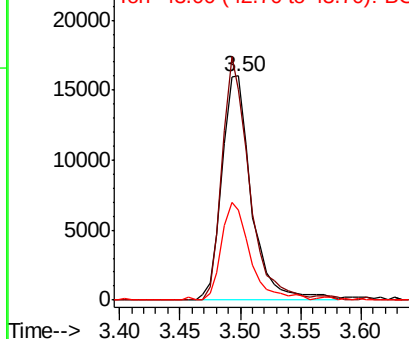


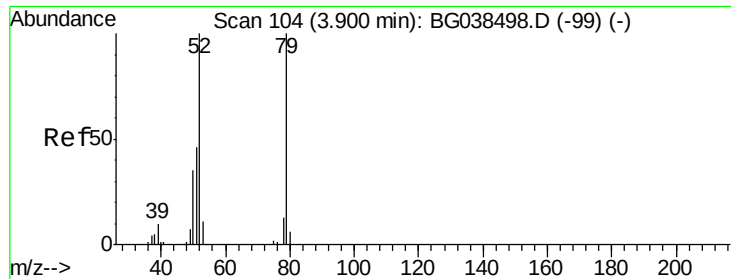
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.458 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

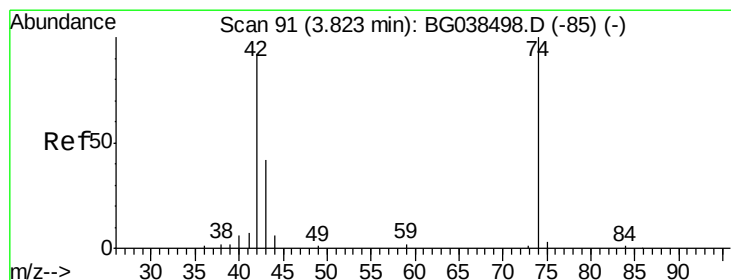
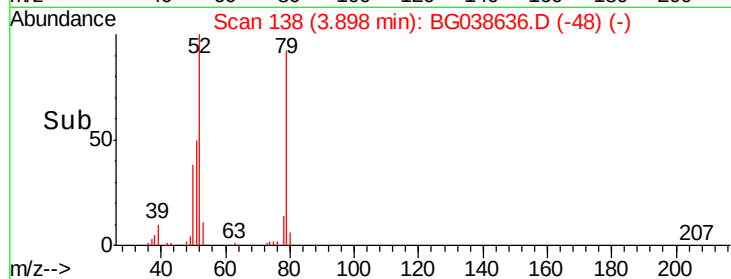
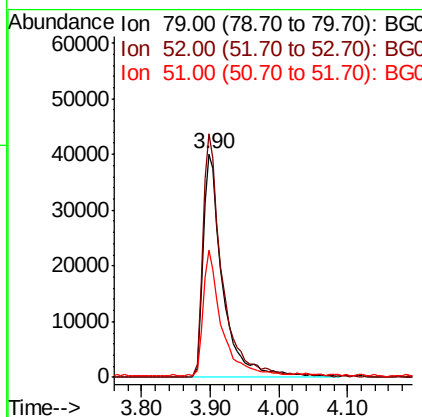
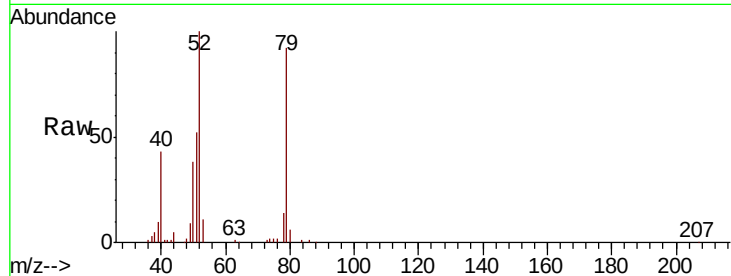
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 80875 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 109.0 | 80.2  | 120.2 |
| 51       | 56.7  | 38.0  | 57.0  |

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#4

n-Nitrosodimethylamine

Concen: 44.174 ng

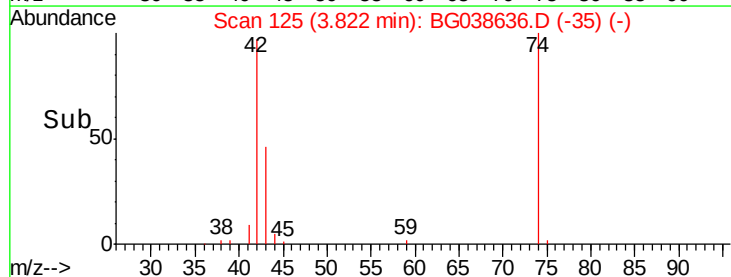
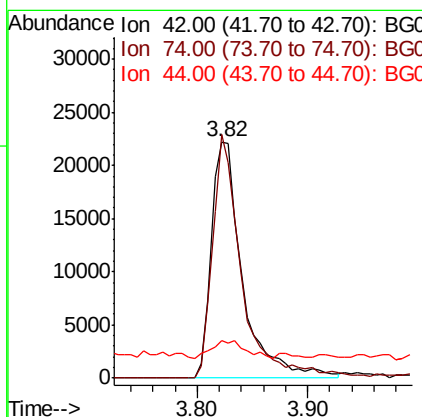
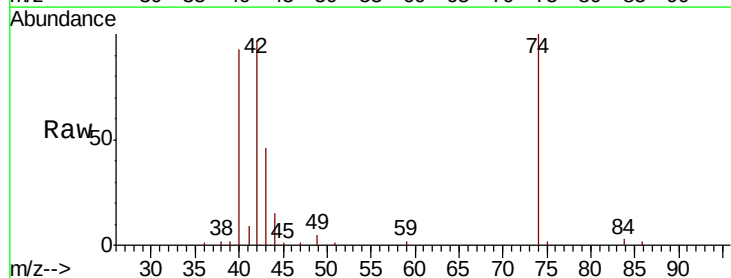
RT: 3.82 min Scan# 125

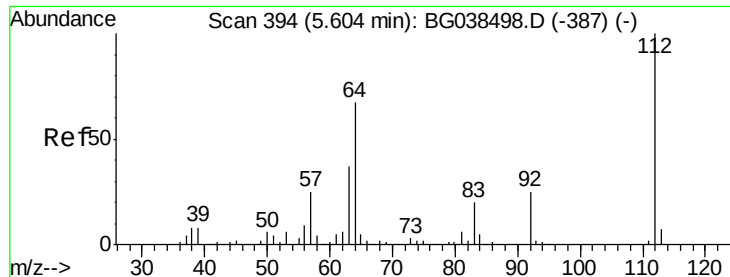
Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 43266 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 103.1 | 86.7  | 130.1 |
| 44       | 16.0  | 7.8   | 11.8# |





#5

2-Fluorophenol

Concen: 83.286 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

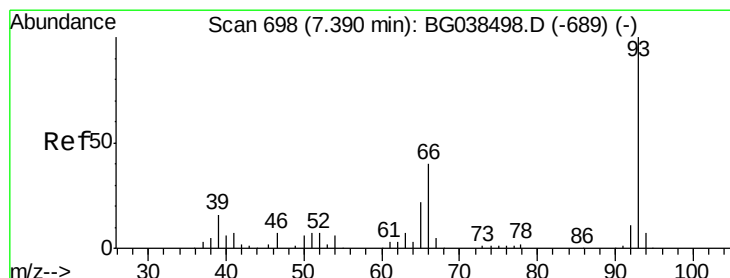
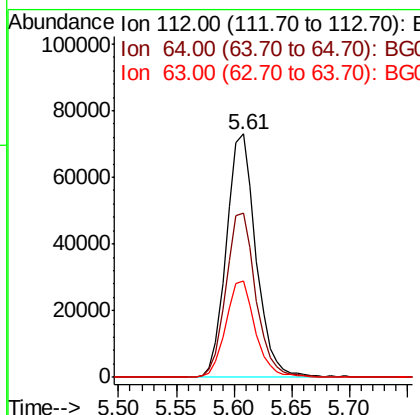
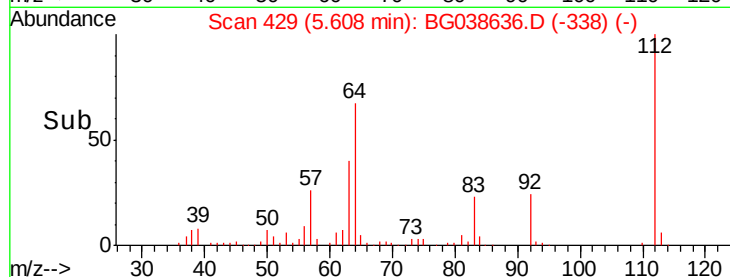
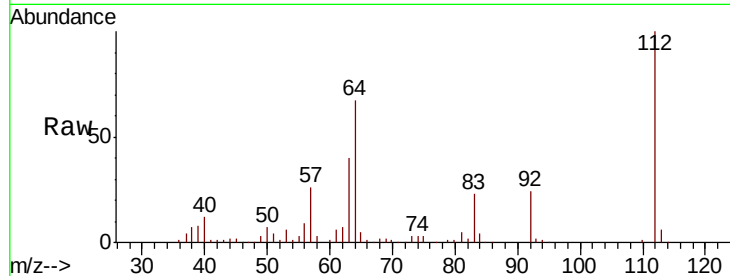
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 129927 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.5  | 53.4  | 80.2   |
| 63        | 39.6  | 29.3  | 43.9   |

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#6

Aniline

Concen: 41.345 ng

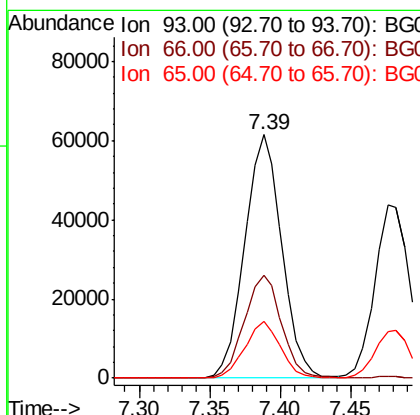
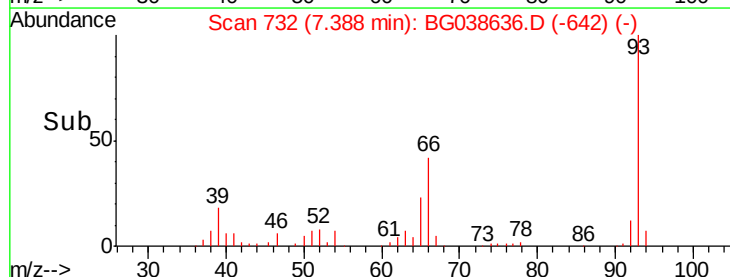
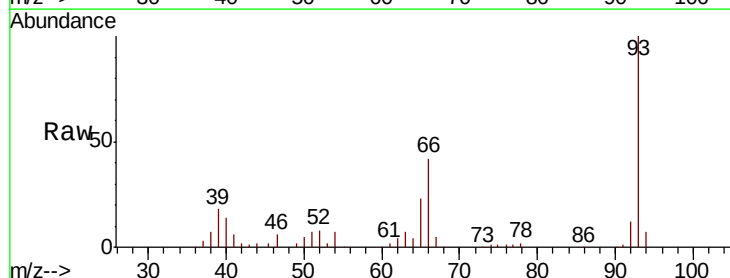
RT: 7.39 min Scan# 732

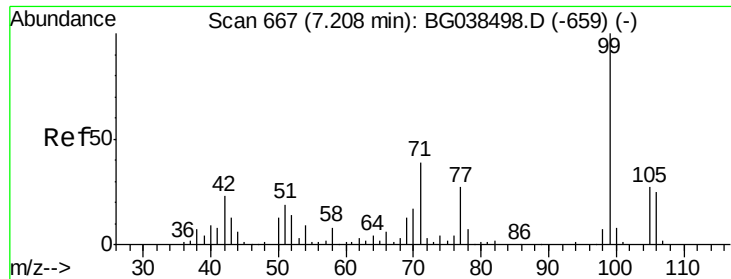
Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 113030 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.2  | 31.7  | 47.5   |
| 65        | 23.3  | 17.8  | 26.6   |





#7

Phenol-d6

Concen: 83.942 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

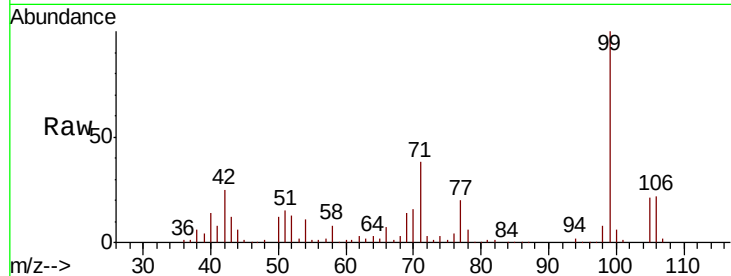
ClientSampleId :

SSTDCCC040

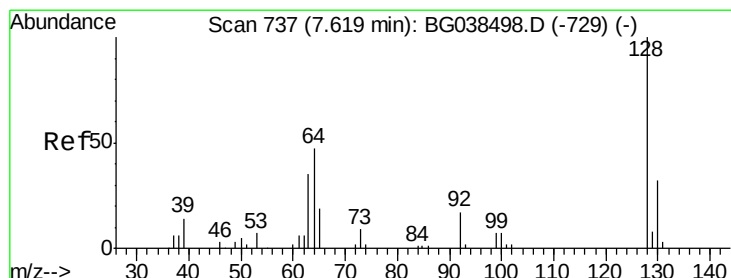
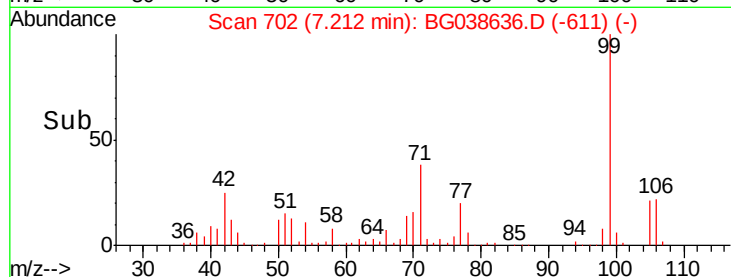
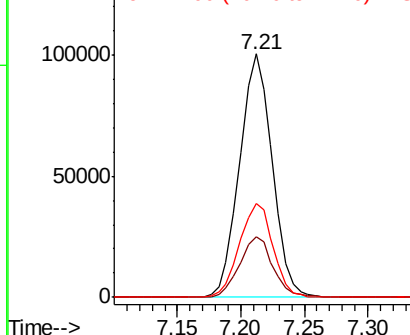
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 179768 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 24.9  | 18.5  | 27.7   |
| 71        | 38.4  | 31.1  | 46.7   |

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



#8

2-Chlorophenol

Concen: 42.059 ng

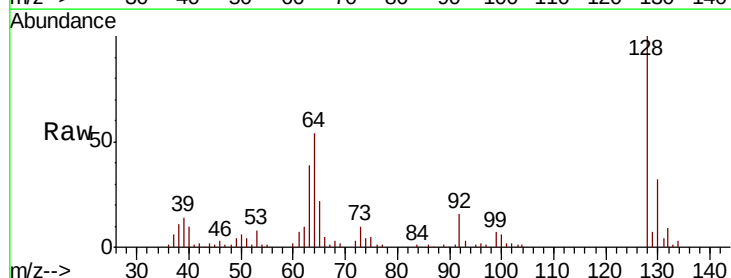
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

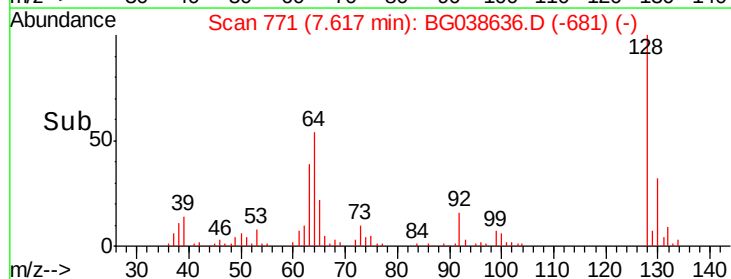
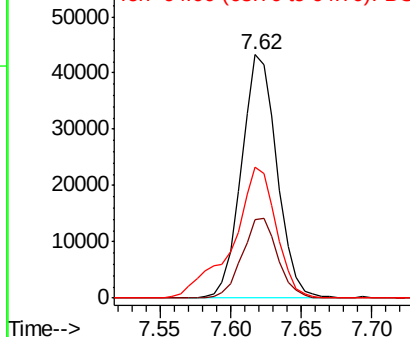
Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

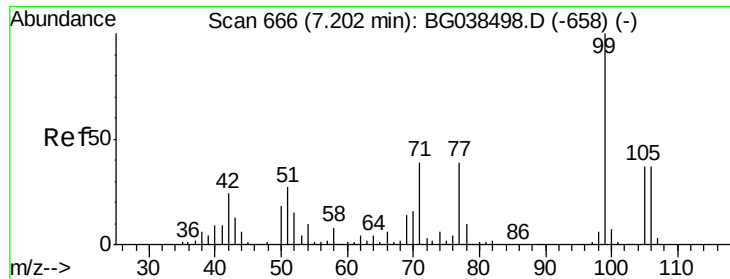
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 75928 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.2  | 11.8  | 51.8  |
| 64        | 53.8  | 33.2  | 73.2  |



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







#9

Benzaldehyde

Concen: 40.281 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 55962

Ion Ratio Lower Upper

77 100

105 98.0 74.0 114.0

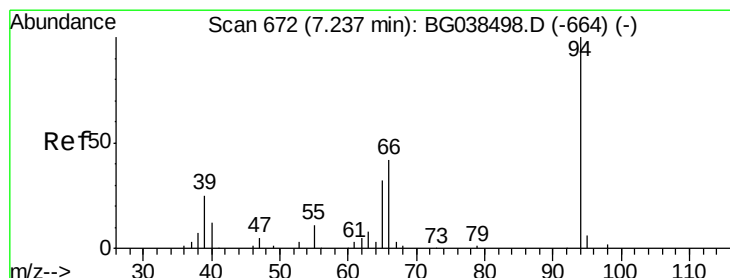
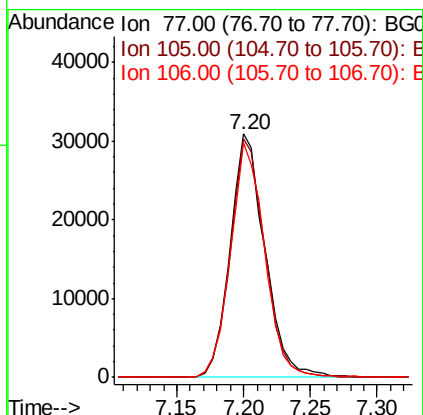
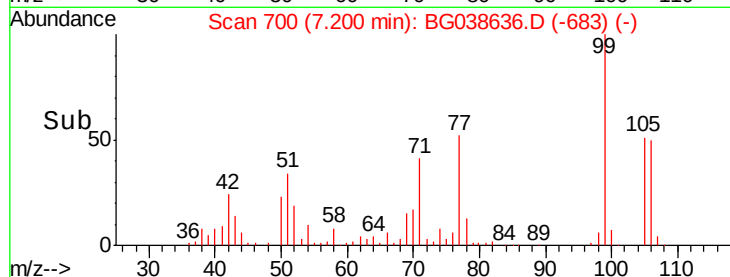
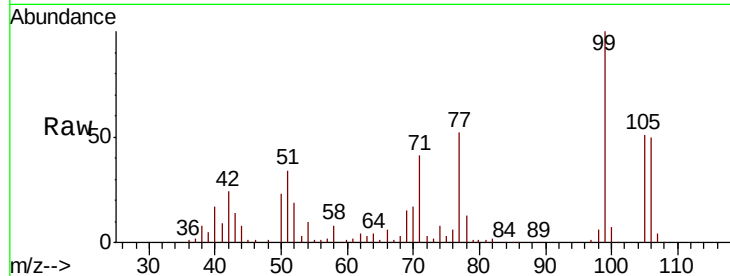
106 96.3 73.9 113.9

Manual Integrations

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#10

Phenol

Concen: 41.863 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

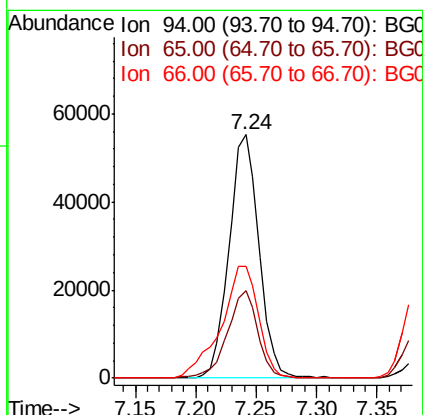
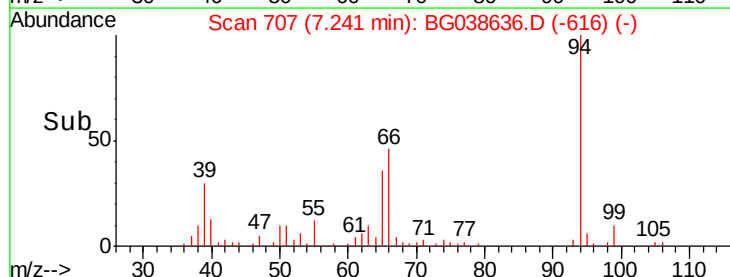
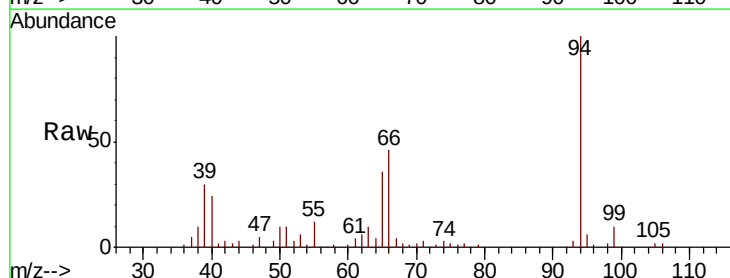
Tgt Ion: 94 Resp: 95247

Ion Ratio Lower Upper

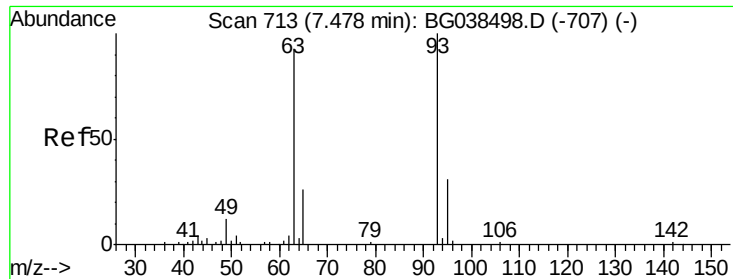
94 100

65 35.7 12.6 52.6

66 45.9 24.1 64.1







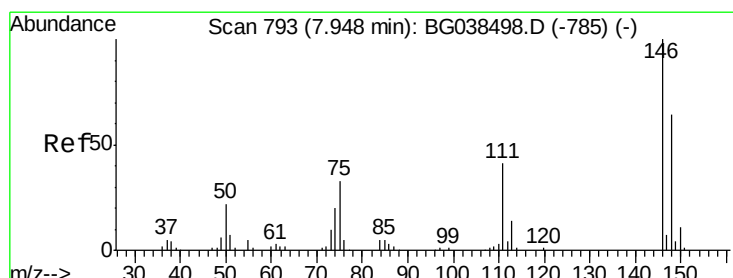
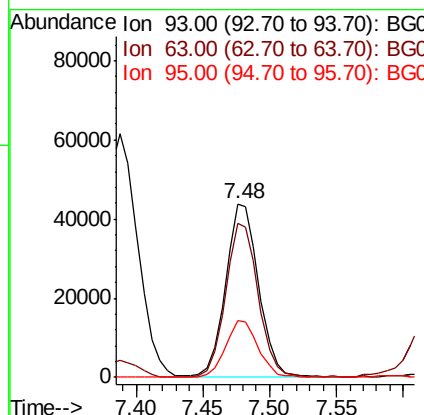
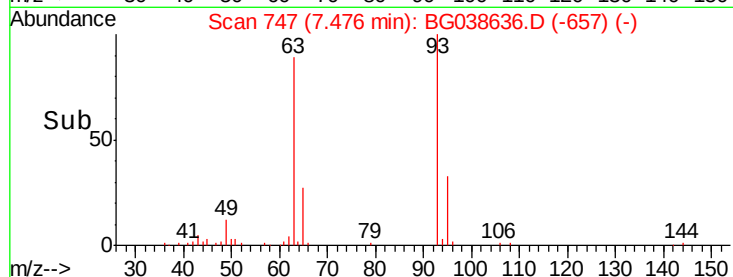
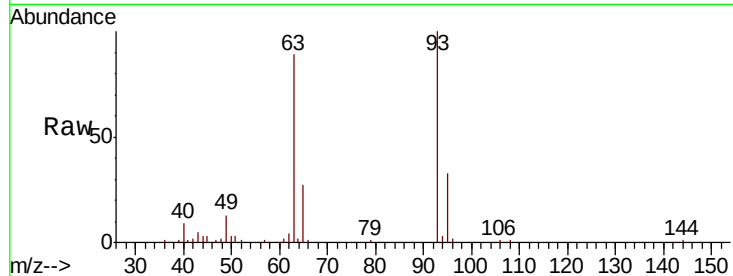
#11  
bis(2-Chloroethyl)ether  
Concen: 41.818 ng  
RT: 7.48 min Scan# 747  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.9  | 72.2  | 112.2 |
| 95      | 32.8  | 11.2  | 51.2  |

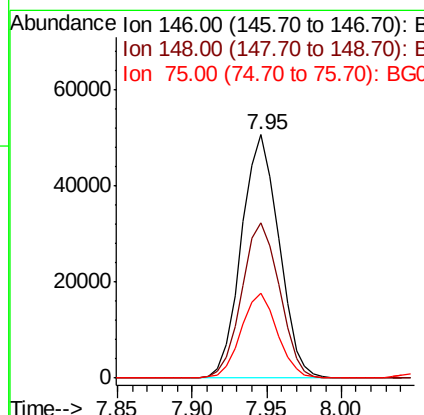
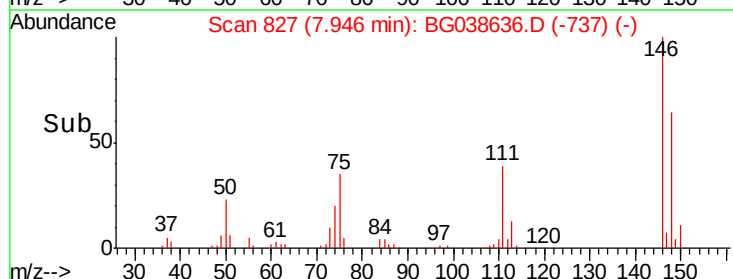
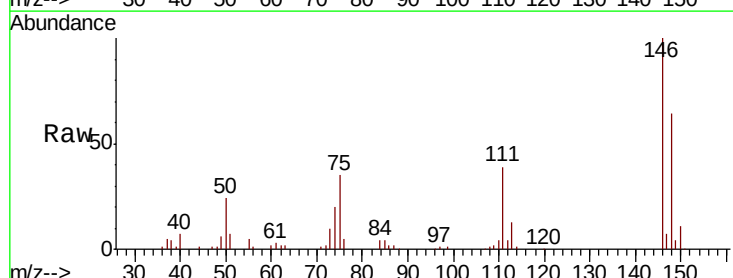
Manual Integrations  
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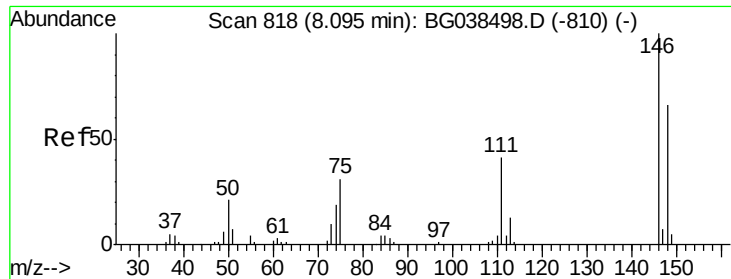
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 41.217 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.4  | 77.0  |
| 75      | 34.9  | 26.1  | 39.1  |





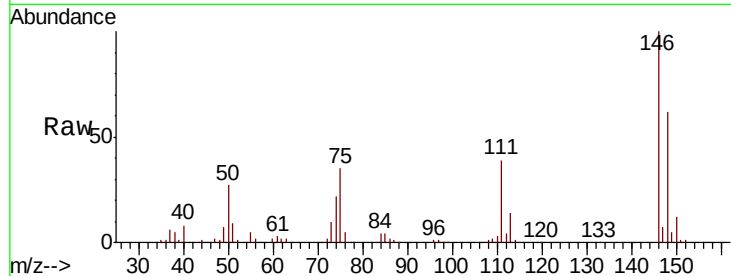
#13  
 1,4-Dichlorobenzene  
 Concen: 40.342 ng  
 RT: 8.09 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 52.4  | 78.6  |
| 111     | 38.9  | 33.0  | 49.4  |

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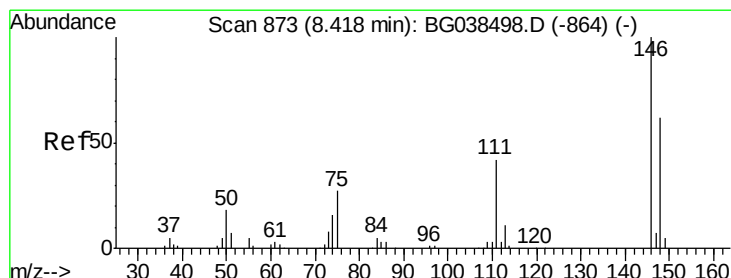
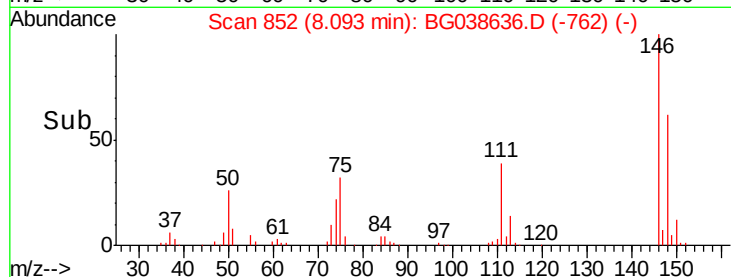
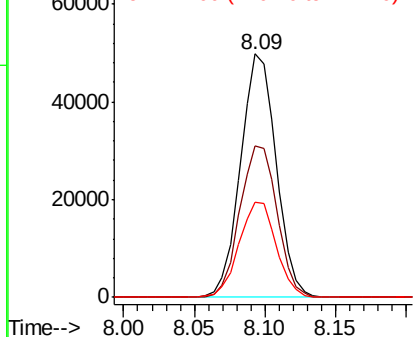


Abundance

Ion 146.00 (145.70 to 146.70): E

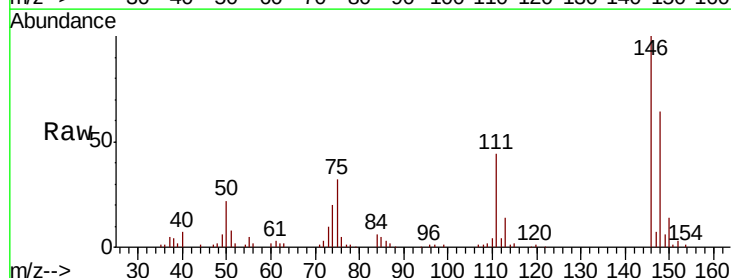
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 40.269 ng  
 RT: 8.42 min Scan# 907  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 49.4  | 74.0  |
| 111     | 43.7  | 33.8  | 50.6  |

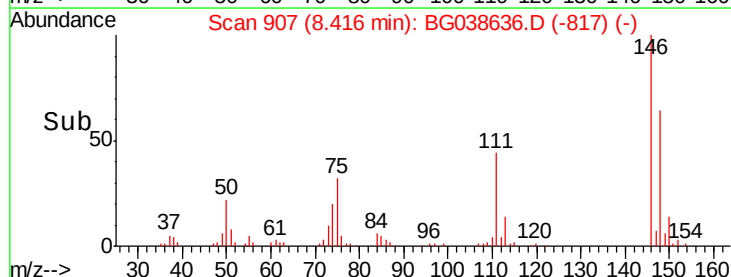
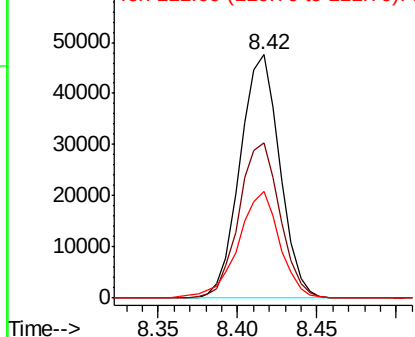


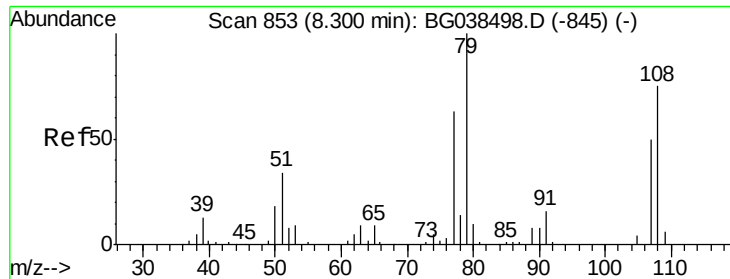
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.764 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

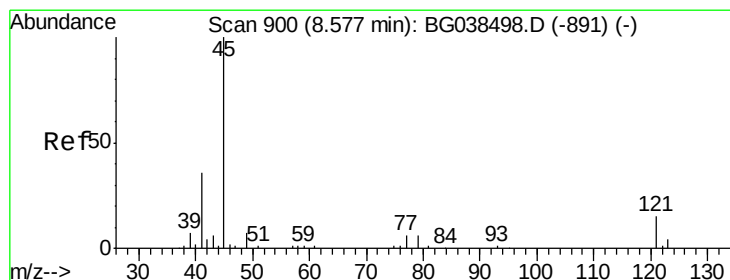
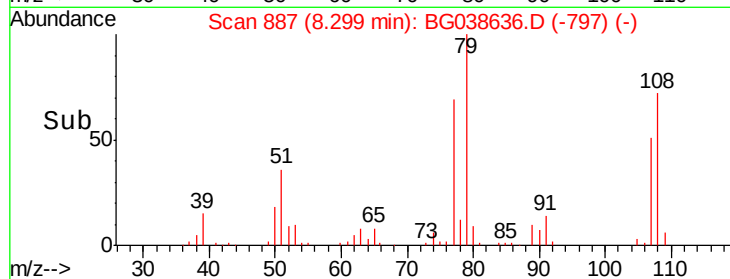
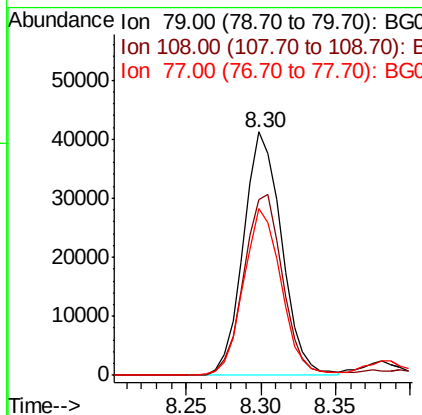
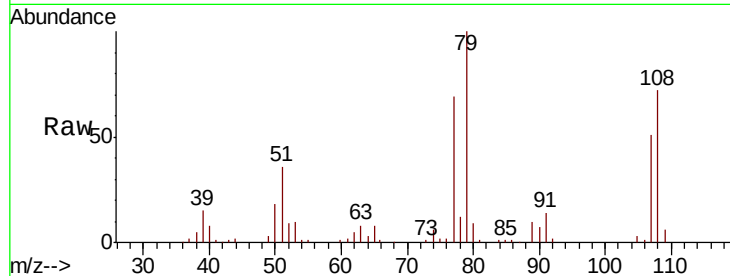
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 73155 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 72.1  | 60.2  | 90.4  |
| 77       | 68.6  | 50.7  | 76.1  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.859 ng

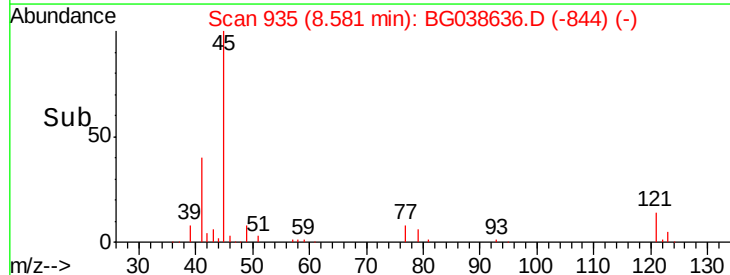
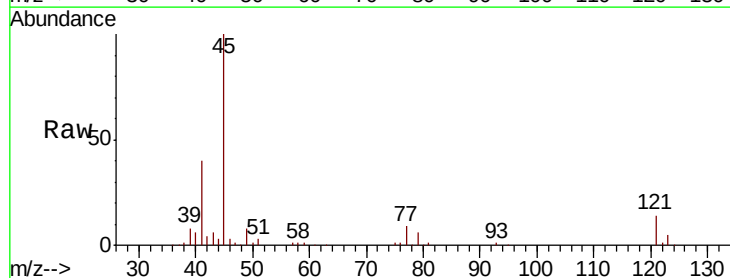
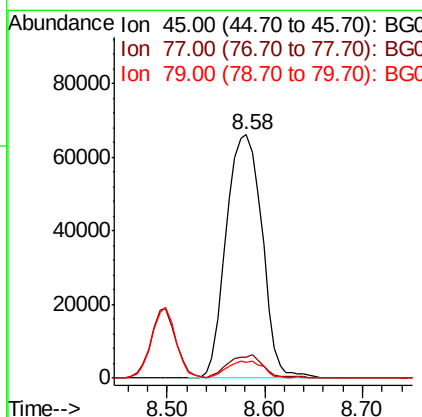
RT: 8.58 min Scan# 935

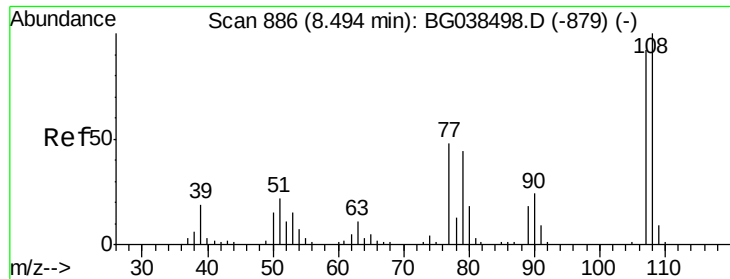
Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 169544 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 8.7   | 0.0   | 28.2   |
| 79       | 6.5   | 0.0   | 27.2   |





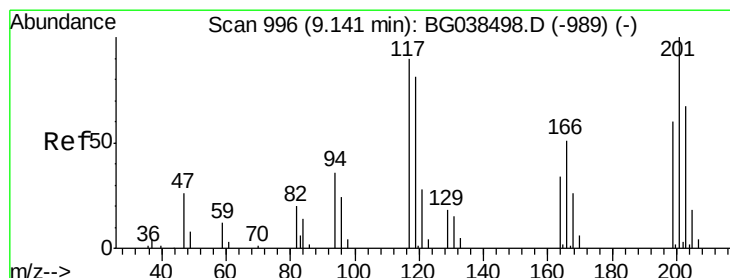
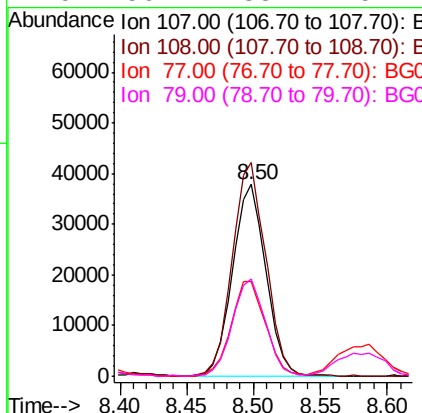
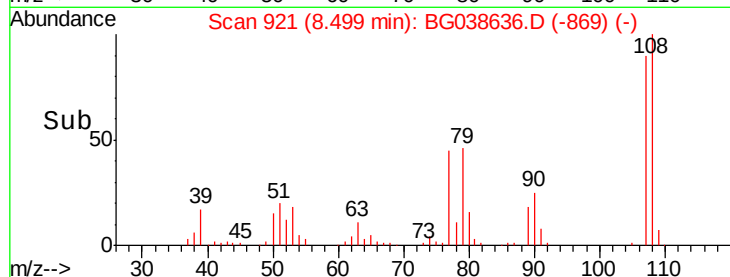
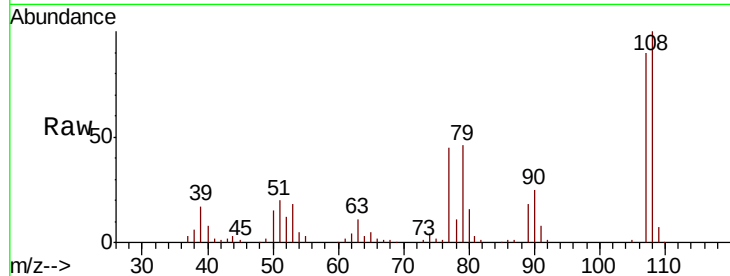
#17  
2-Methylphenol  
Concen: 43.260 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 65944 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.4 | 87.1  | 130.7 |
| 77       | 49.6  | 42.0  | 63.0  |
| 79       | 50.7  | 38.2  | 57.2  |

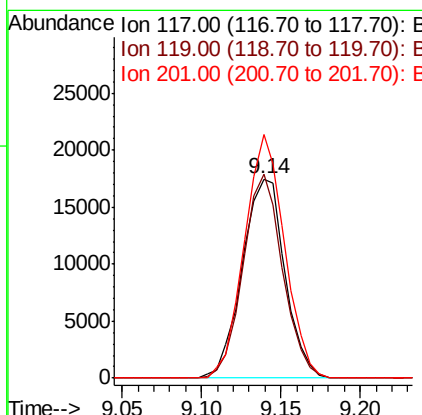
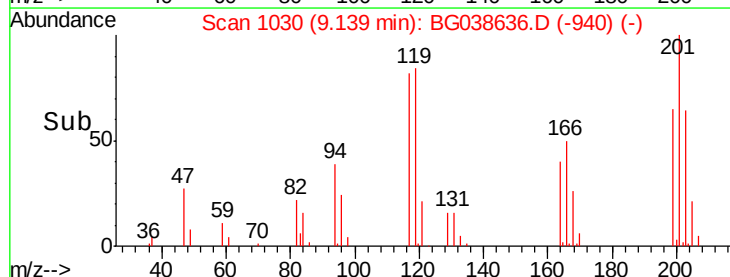
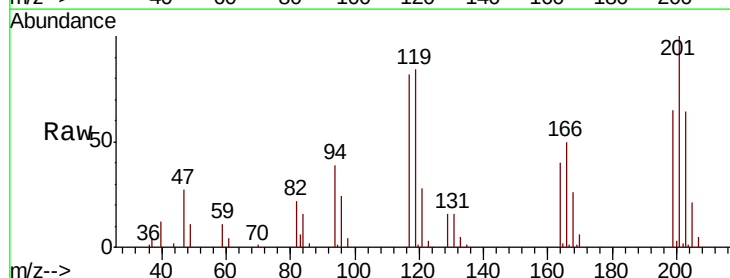
Manual Integrations  
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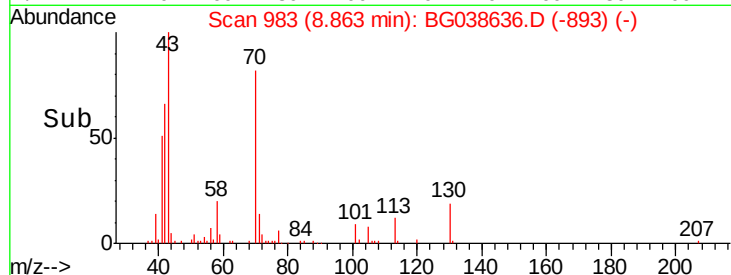
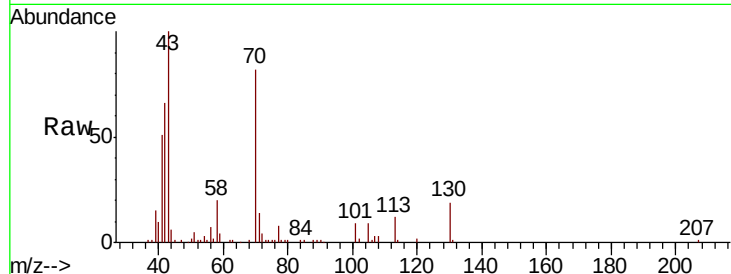
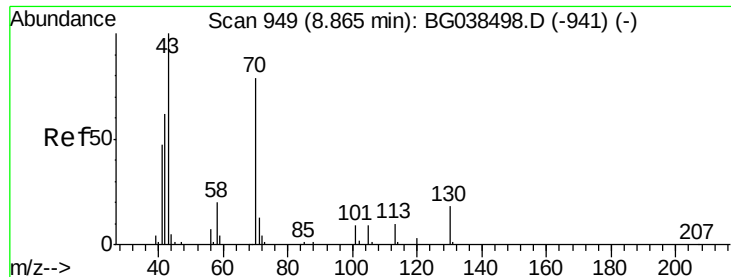
Sohil  
12/17/2018 4:13:59 PM



#18  
Hexachloroethane  
Concen: 40.925 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32692 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 102.2 | 73.8  | 110.8 |
| 201      | 122.1 | 89.4  | 134.0 |





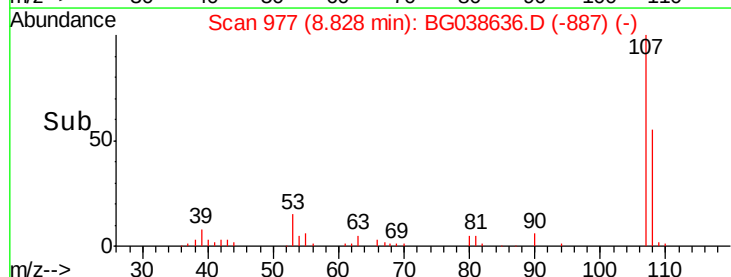
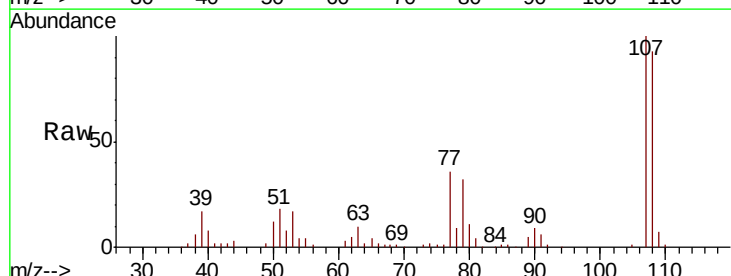
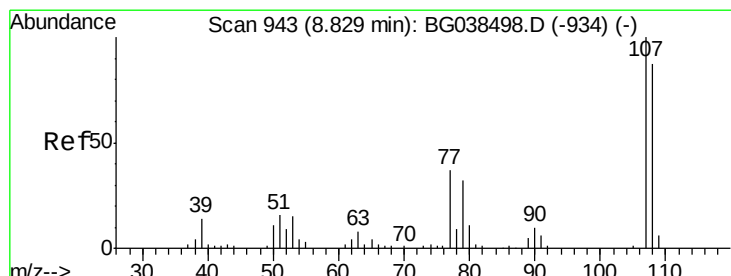
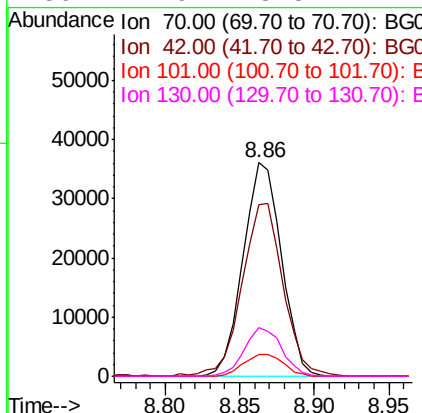
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.575 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 80.2 | 63.6  | 95.4  |       |
| 101     | 10.5 | 9.2   | 13.8  |       |
| 130     | 22.9 | 18.5  | 27.7  |       |

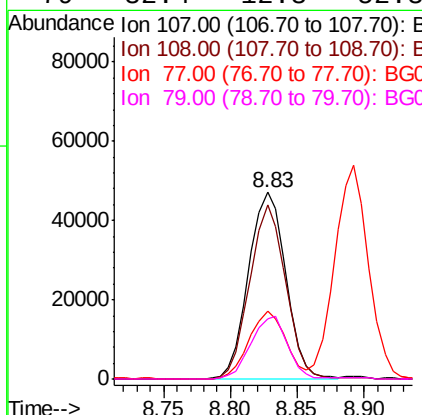
Manual Integrations  
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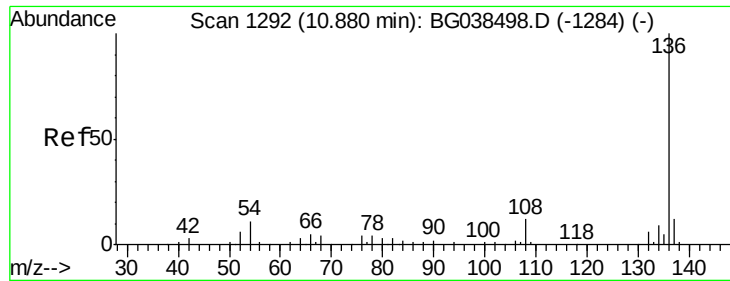
Sohil  
12/17/2018 4:13:59 PM



#20  
3+4-Methylphenols  
Concen: 43.137 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 93.4 | 66.7  | 106.7 |       |
| 77      | 36.1 | 17.3  | 57.3  |       |
| 79      | 32.4 | 12.3  | 52.3  |       |





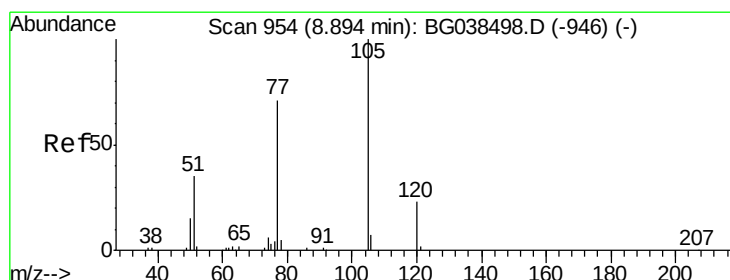
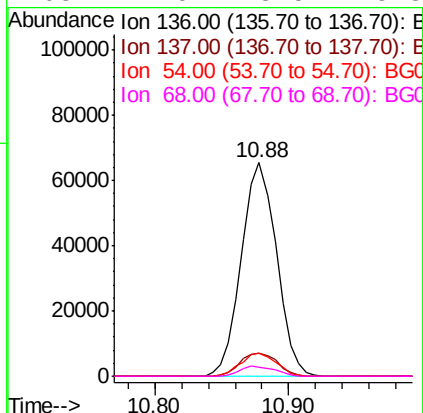
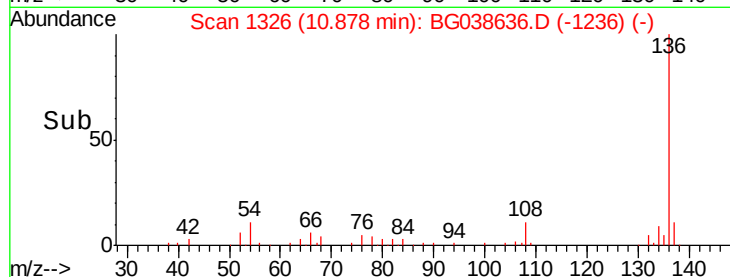
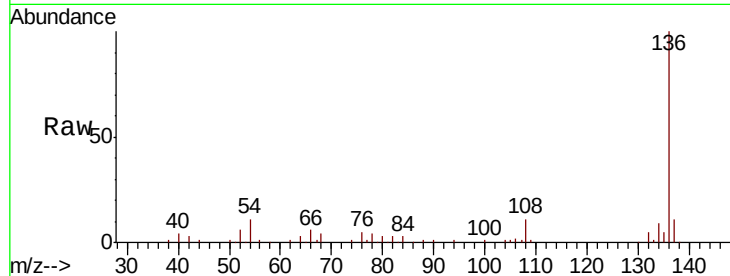
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 119653 |       |       |
| 137     | 10.7  | 9.3    | 13.9  |       |
| 54      | 10.8  | 8.5    | 12.7  |       |
| 68      | 4.0   | 3.5    | 5.3   |       |

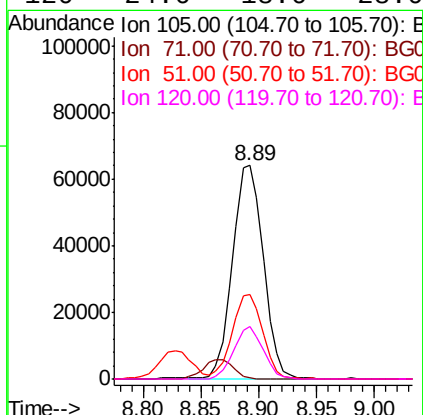
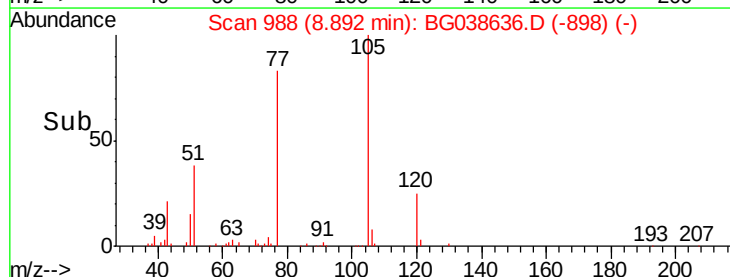
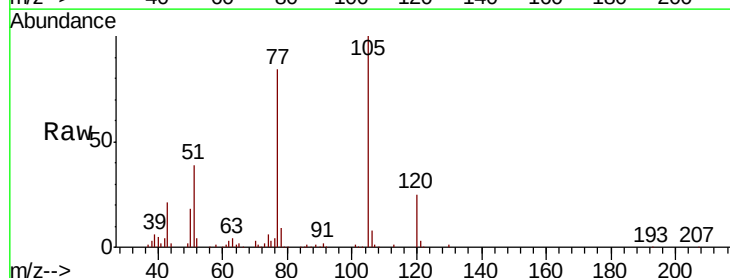
Manual Integrations  
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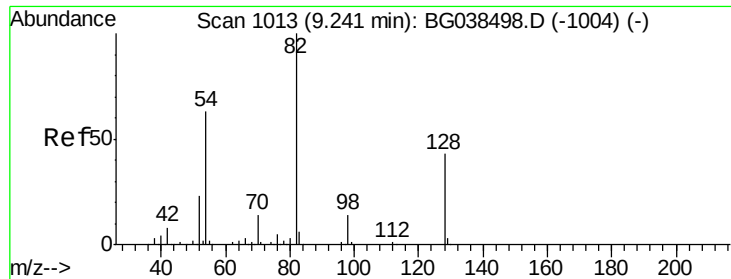
Sohil  
12/17/2018 4:13:59 PM



#22  
Acetophenone  
Concen: 39.332 ng  
RT: 8.89 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 117551 |       |       |
| 71      | 0.7   | 0.4    | 0.6#  |       |
| 51      | 39.3  | 30.6   | 46.0  |       |
| 120     | 24.6  | 18.6   | 28.0  |       |





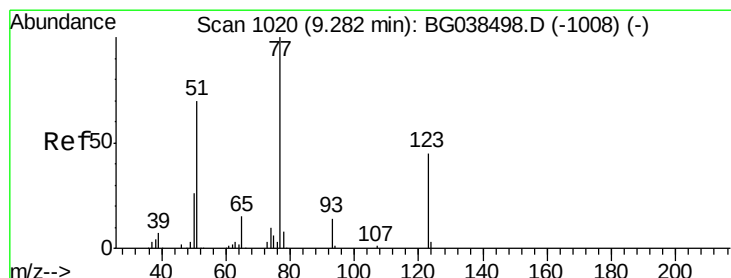
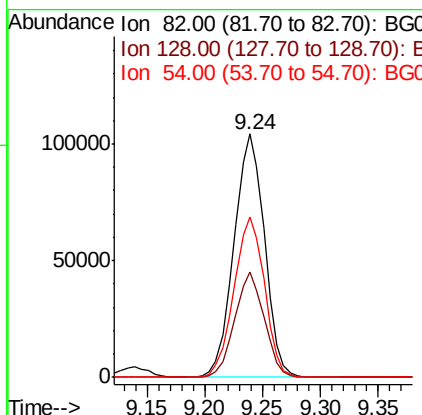
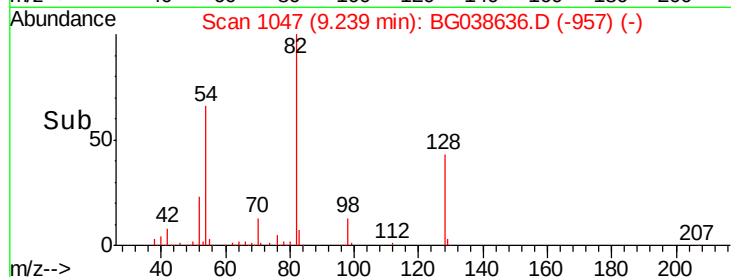
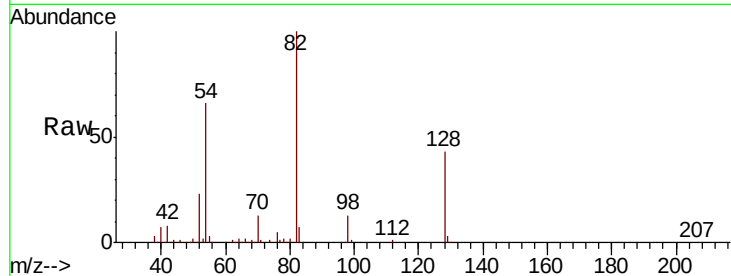
#23  
Nitrobenzene-d5  
Concen: 81.380 ng  
RT: 9.24 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.5  | 34.6  | 52.0  |
| 54      | 65.7  | 50.6  | 76.0  |

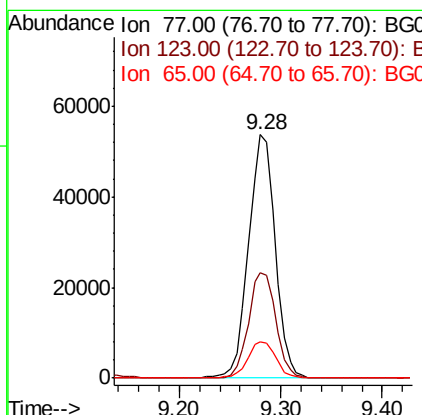
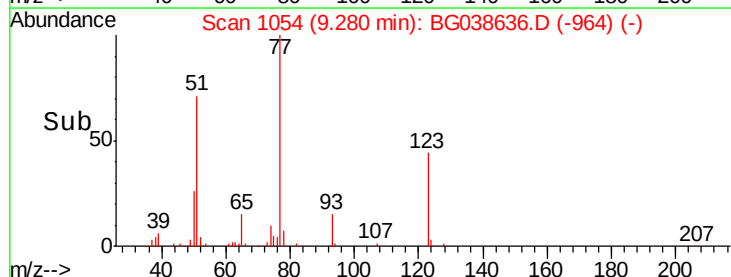
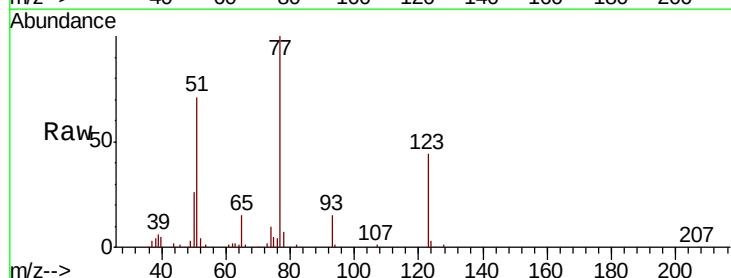
Manual Integrations  
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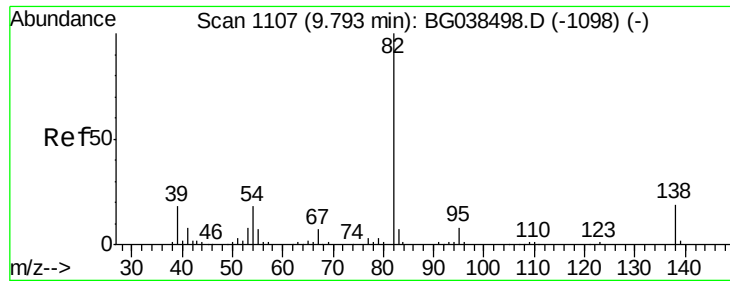


#24  
Nitrobenzene  
Concen: 41.337 ng  
RT: 9.28 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.5  | 35.9  | 53.9  |
| 65      | 14.7  | 12.0  | 18.0  |







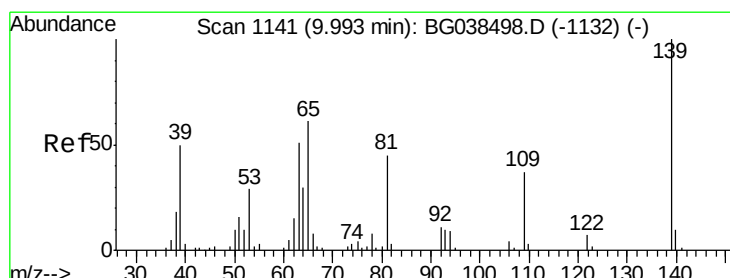
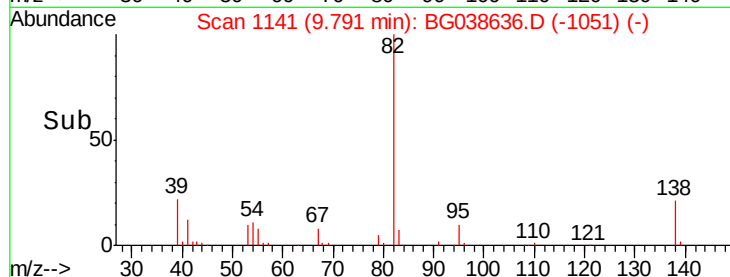
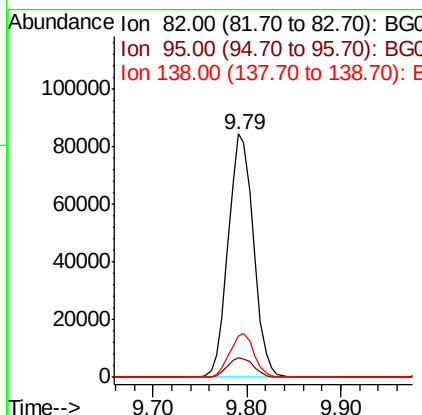
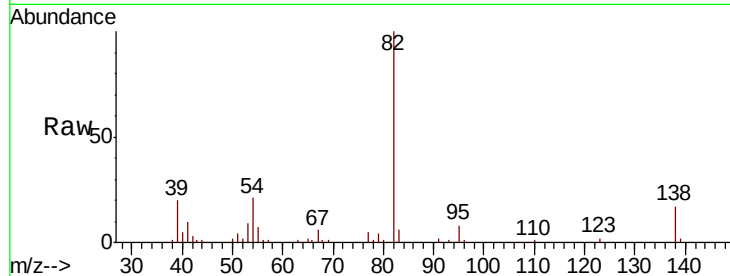
#25  
Isophorone  
Concen: 37.429 ng  
RT: 9.79 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.9   | 6.1  | 9.1   |       |
| 138     | 17.2  | 14.9 | 22.3  |       |

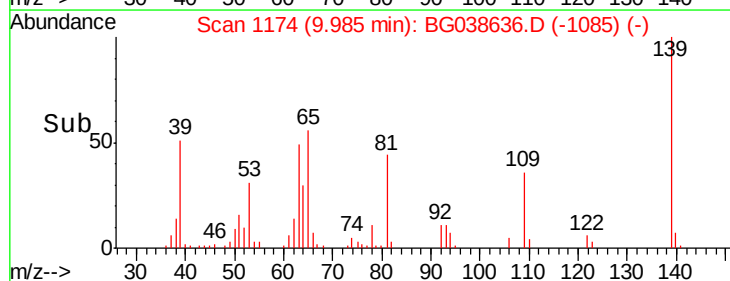
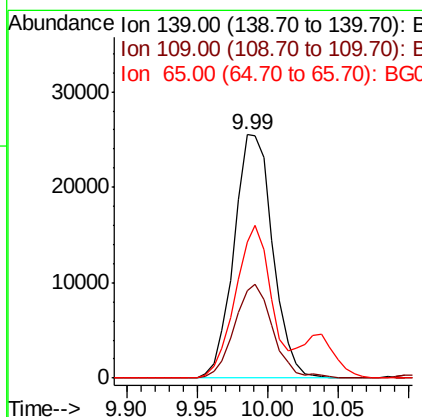
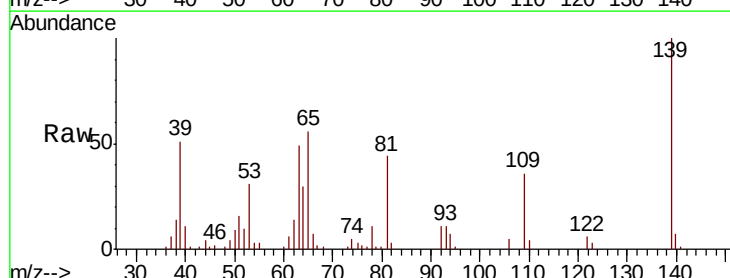
Manual Integrations  
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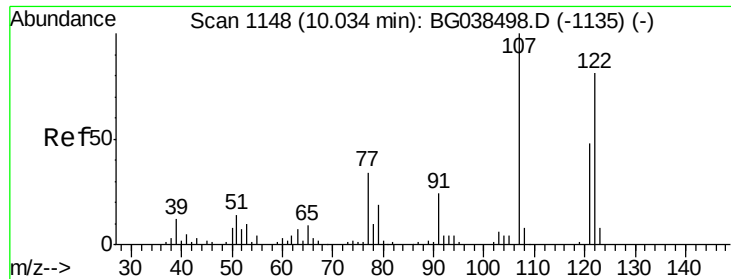
Sohil  
12/17/2018 4:13:59 PM



#26  
2-Nitrophenol  
Concen: 40.341 ng  
RT: 9.99 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 36.2  | 29.5 | 44.3  |       |
| 65      | 56.1  | 48.5 | 72.7  |       |





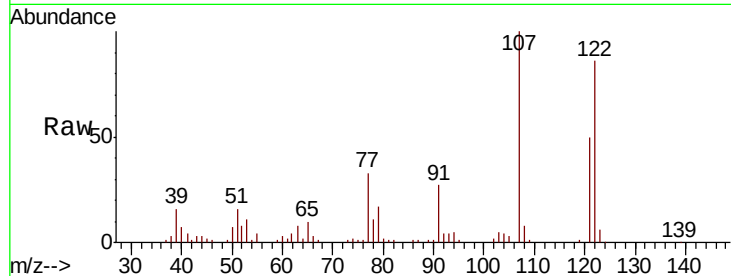
#27  
2,4-Dimethylphenol  
Concen: 41.305 ng  
RT: 10.04 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.8 | 98.4  | 147.6 |
| 121     | 58.1  | 47.2  | 70.8  |

Manual Integrations  
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Sohil  
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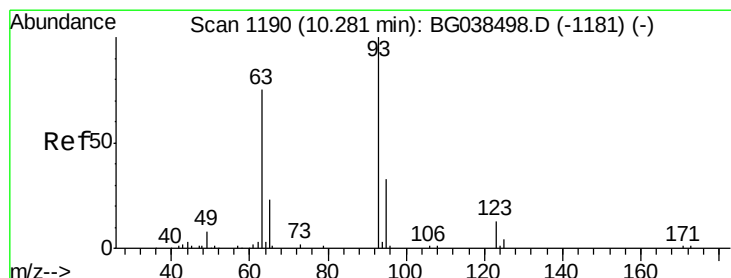
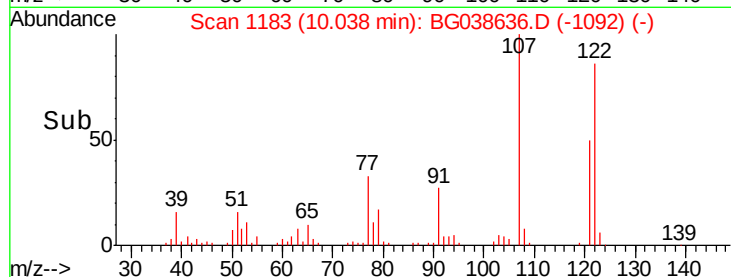
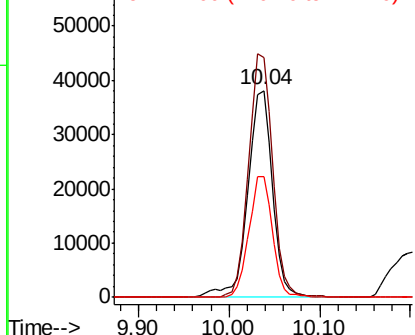


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.600 ng  
RT: 10.28 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

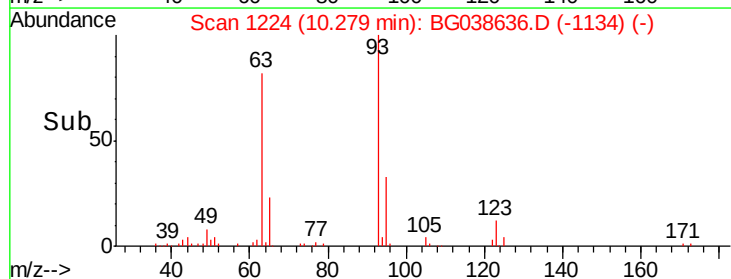
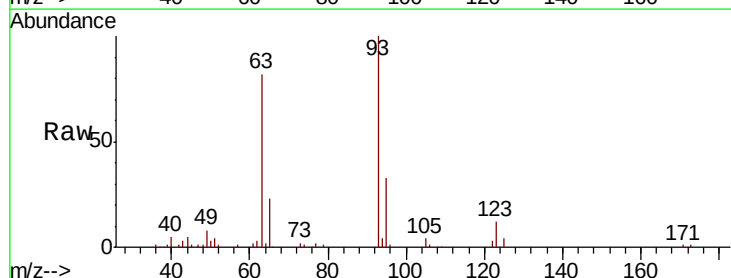
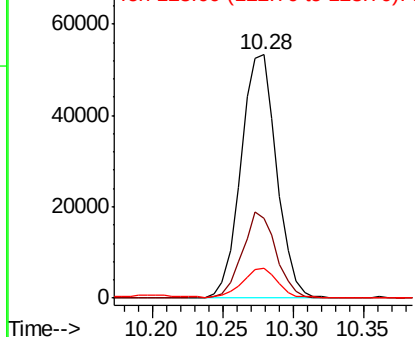
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.6  | 40.0  |
| 123     | 12.4  | 10.6  | 16.0  |

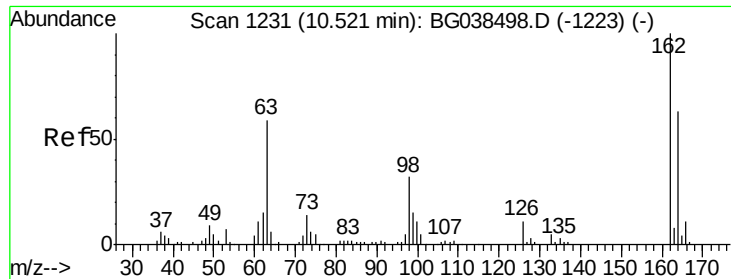
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





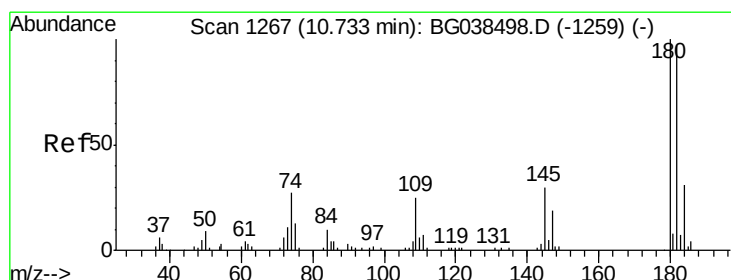
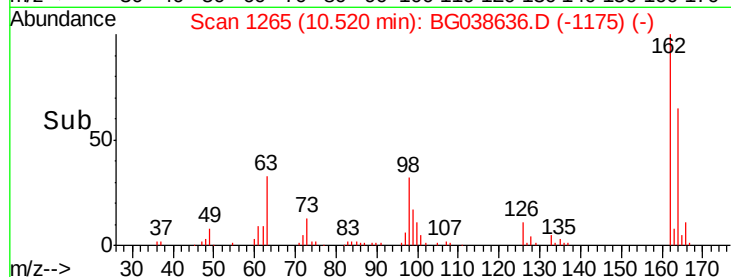
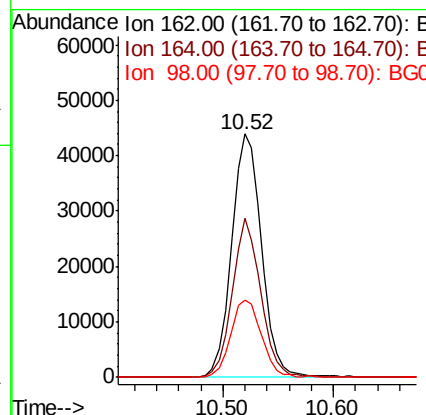
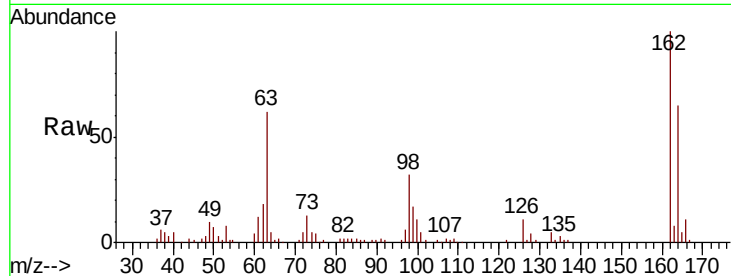
#29  
2,4-Dichlorophenol  
Concen: 43.035 ng  
RT: 10.52 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 42.9  | 82.9  |
| 98      | 31.8  | 12.1  | 52.1  |

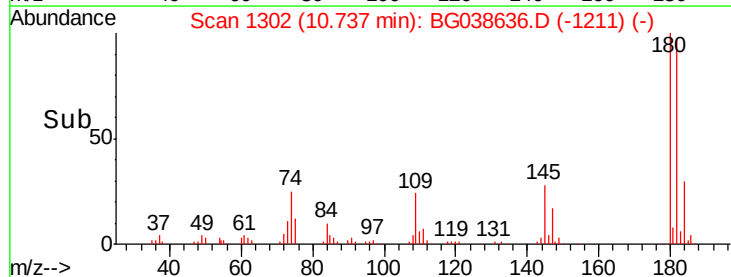
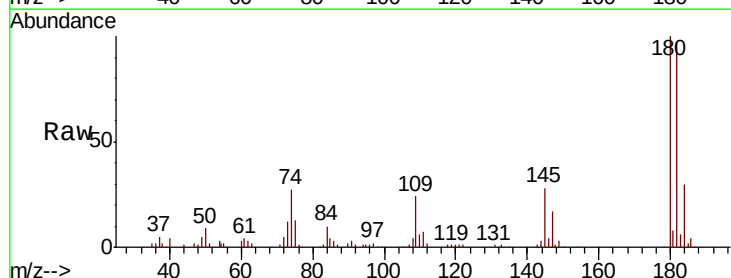
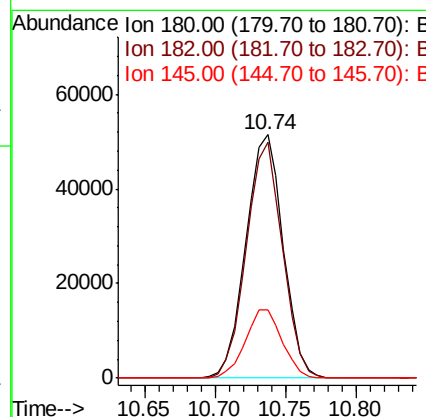
Manual Integrations  
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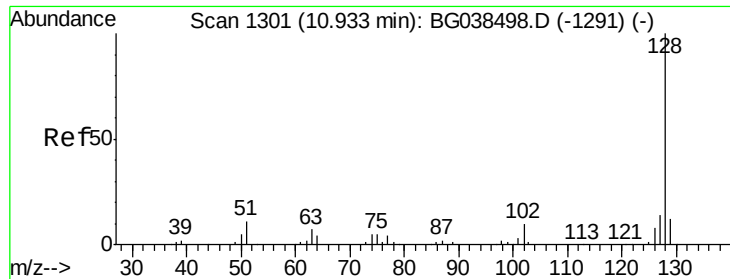
Sohil  
12/17/2018 4:13:59 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 40.668 ng  
RT: 10.74 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 77.4  | 116.0 |
| 145     | 28.2  | 24.1  | 36.1  |





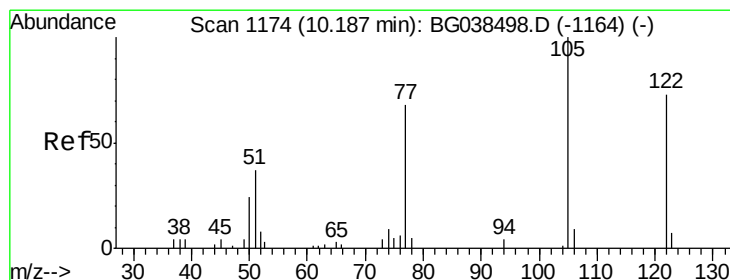
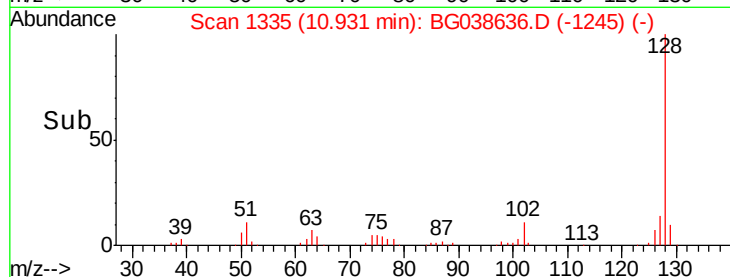
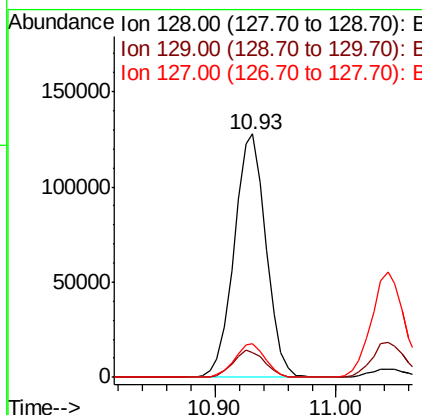
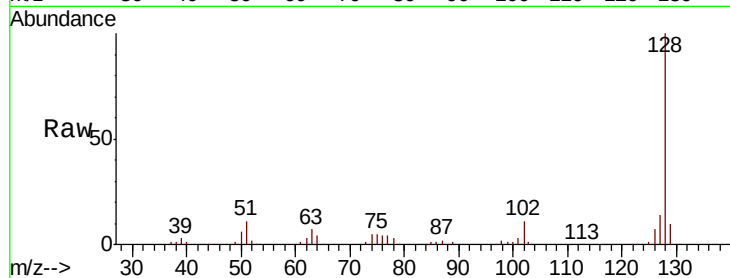
#31  
Naphthalene  
Concen: 39.633 ng  
RT: 10.93 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.1  | 9.5   | 14.3  |
| 127     | 13.8  | 10.9  | 16.3  |

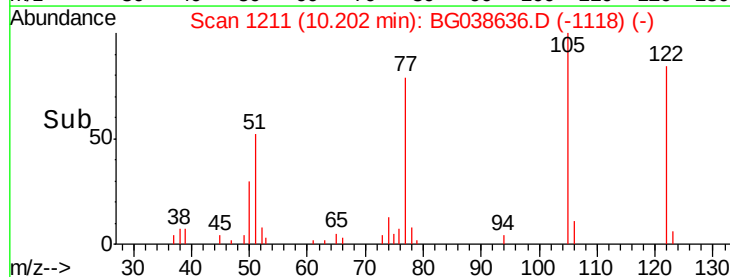
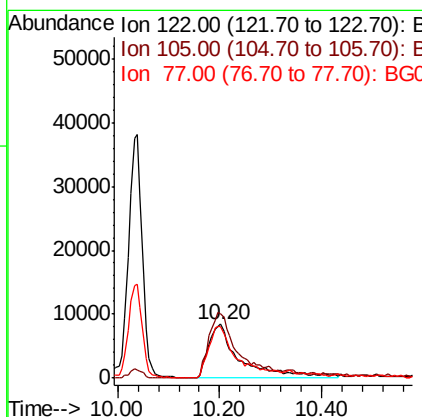
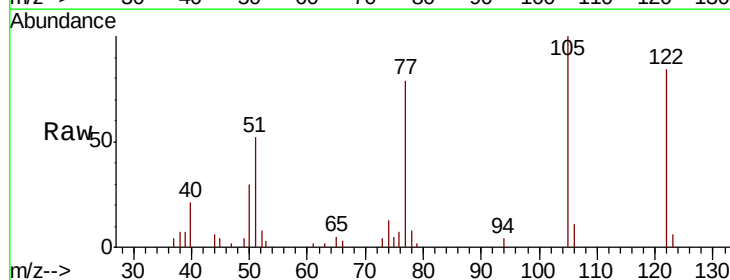
Manual Integrations  
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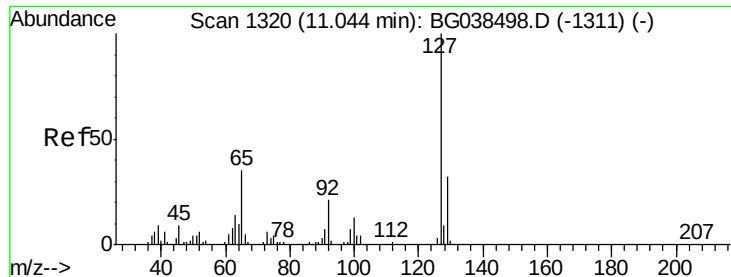
Sohil  
12/17/2018 4:13:59 PM



#32  
Benzoic acid  
Concen: 36.539 ng m  
RT: 10.20 min Scan# 1211  
Delta R.T. 0.02 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.7 | 116.7 | 156.7 |
| 77      | 95.1  | 72.5  | 112.5 |





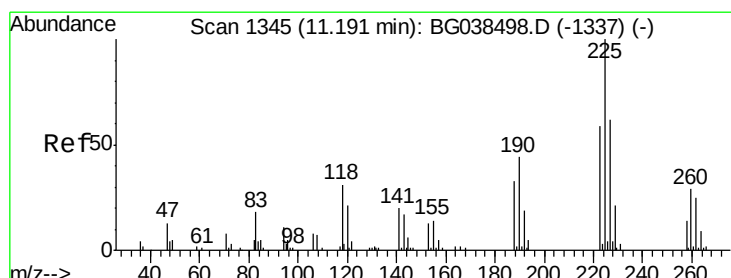
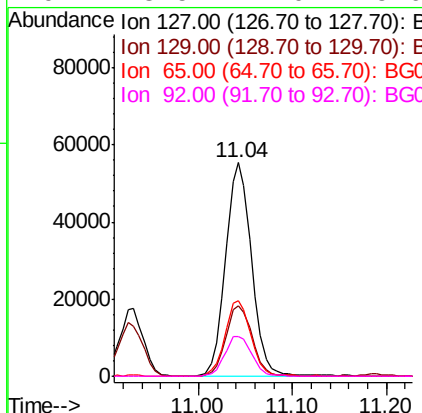
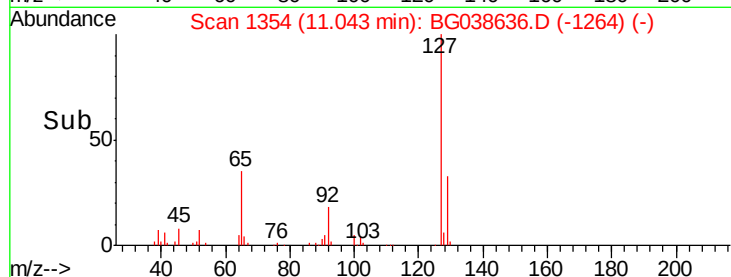
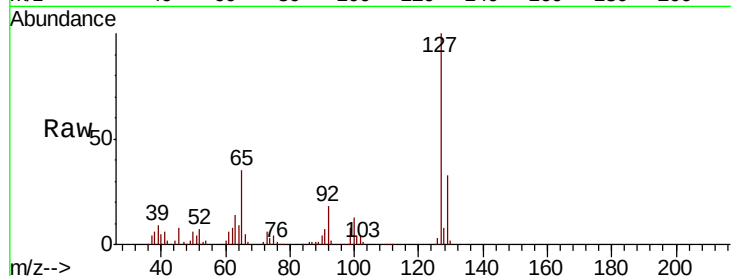
#33  
4-Chloroaniline  
Concen: 41.429 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.9  | 25.8  | 38.8  |
| 65      | 35.5  | 27.8  | 41.6  |
| 92      | 18.5  | 17.0  | 25.6  |

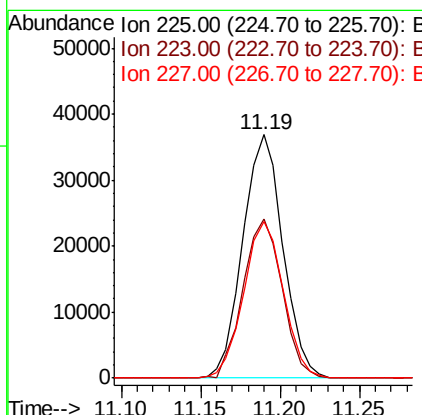
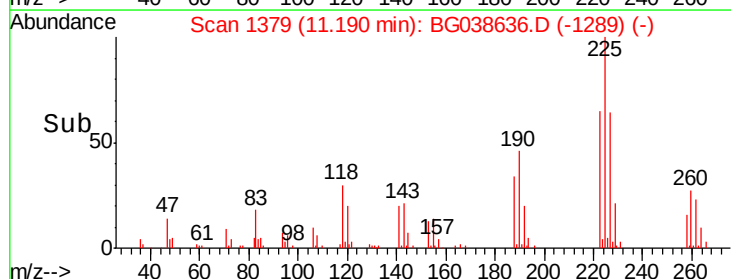
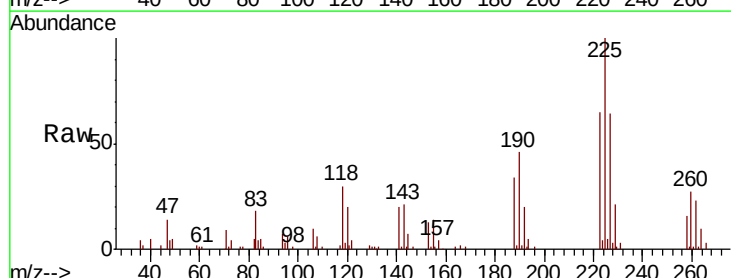
Manual Integrations  
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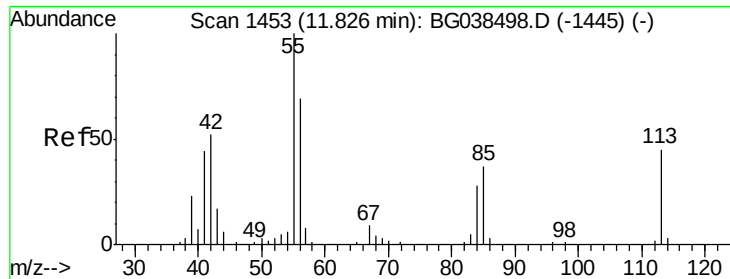
Sohil  
12/17/2018 4:13:59 PM



#34  
Hexachlorobutadiene  
Concen: 41.003 ng  
RT: 11.19 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.8  | 45.0  | 67.6  |
| 227     | 64.2  | 50.6  | 75.8  |





#35

Caprolactam

Concen: 36.940 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 29558

Ion Ratio Lower Upper

113 100

55 227.6 204.3 244.3

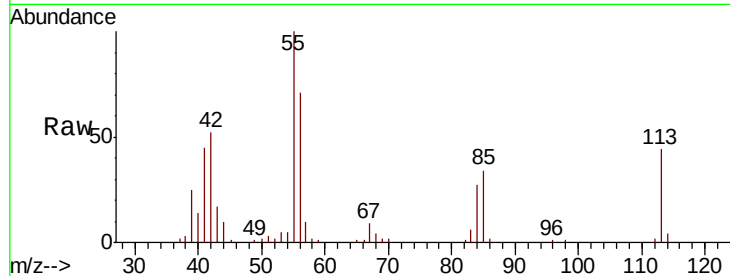
56 161.8 135.0 175.0

Manual Integrations

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Sohil

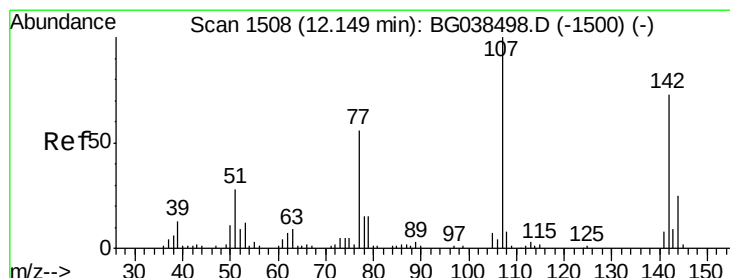
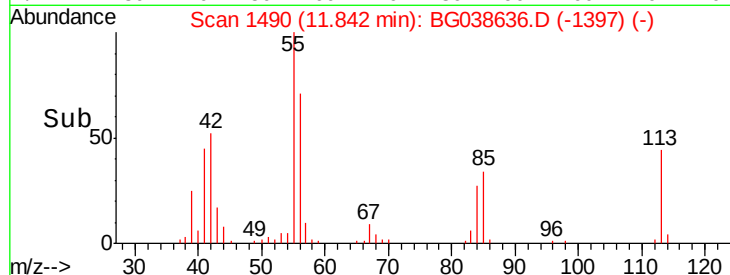
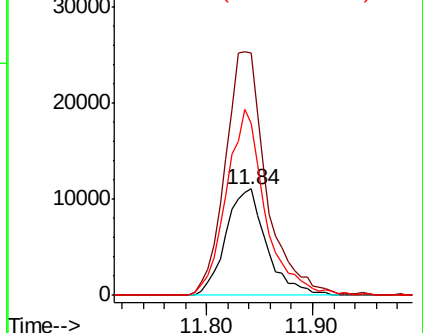
12/17/2018 4:13:59 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.239 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

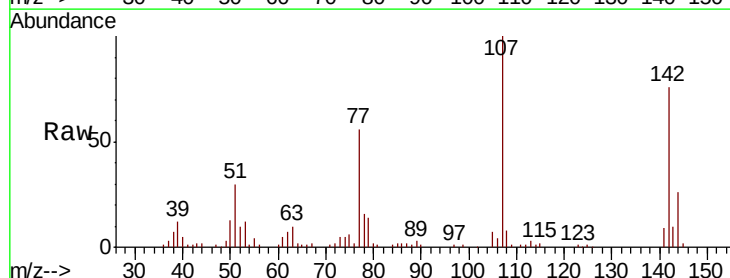
Tgt Ion:107 Resp: 86577

Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

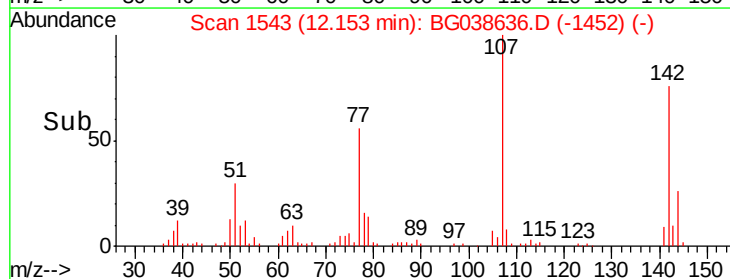
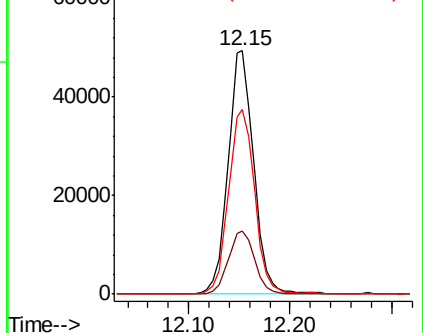
142 75.8 58.7 88.1

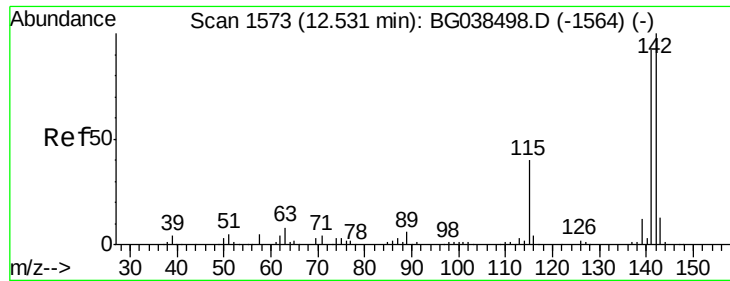


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





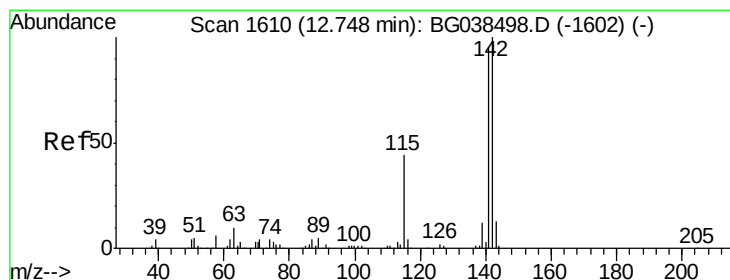
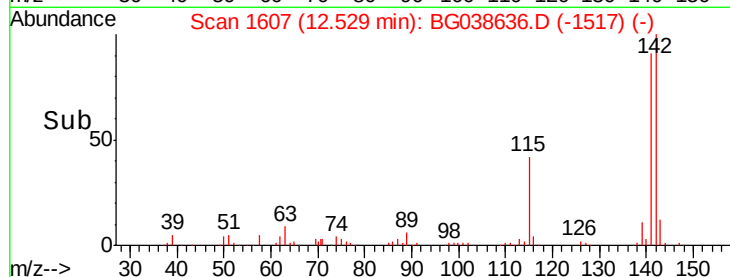
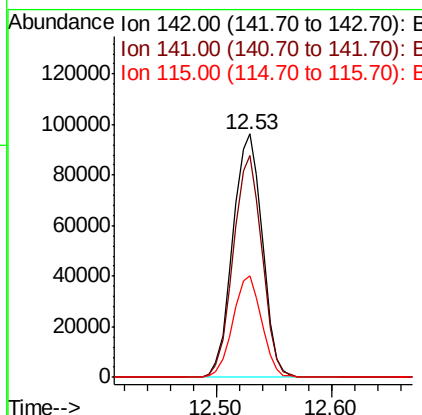
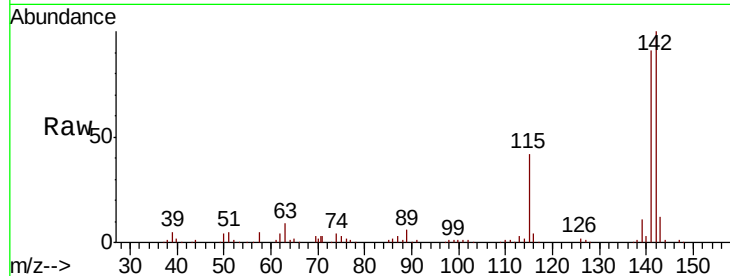
#37  
2-Methylnaphthalene  
Concen: 40.444 ng  
RT: 12.53 min Scan# 1607  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 73.5  | 110.3 |
| 115     | 41.5  | 31.7  | 47.5  |

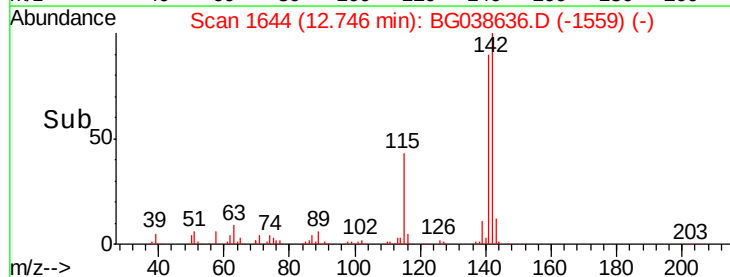
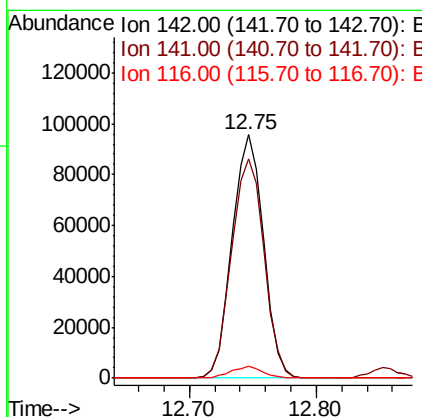
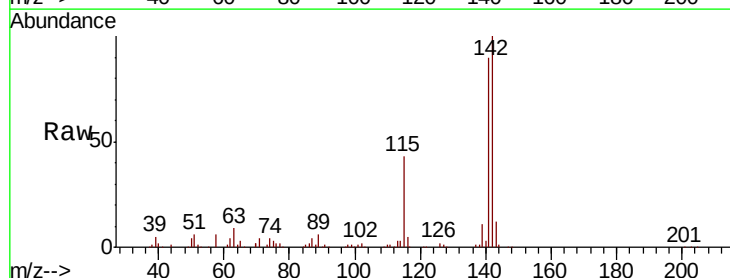
Manual Integrations  
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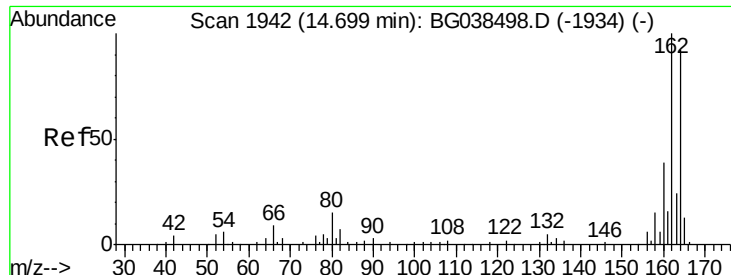
Sohil  
12/17/2018 4:13:59 PM



#38  
1-Methylnaphthalene  
Concen: 39.964 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 75.8  | 113.8 |
| 116     | 4.9   | 3.6   | 5.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 75030

Ion Ratio Lower Upper

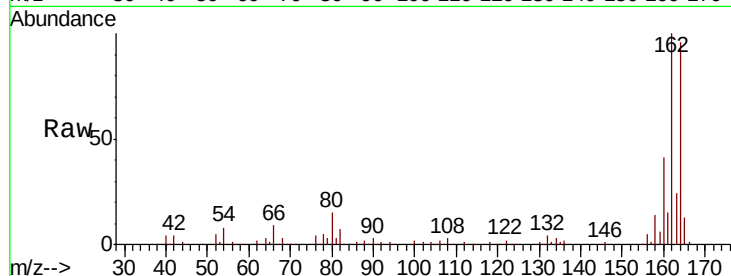
164 100

162 104.6 86.6 130.0

160 43.2 34.2 51.2

Manual Integrations  
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Sohil  
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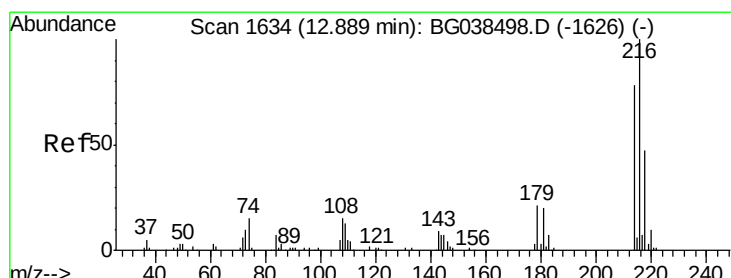
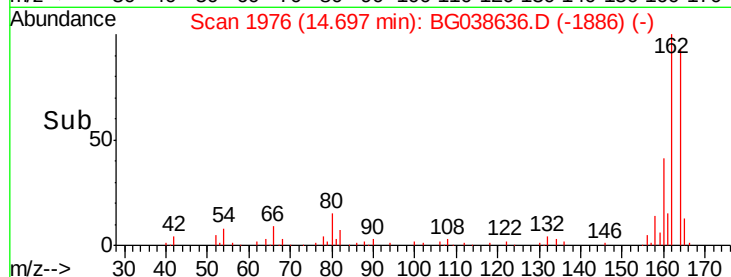
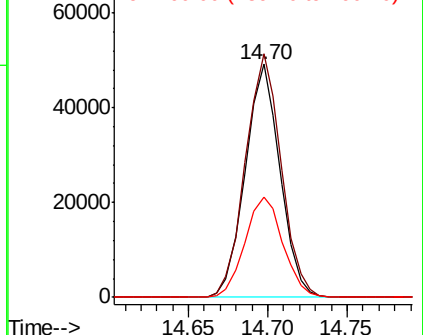


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.767 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Tgt Ion:216 Resp: 117140

Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.5 16.4 24.6

108 16.4 13.9 20.9

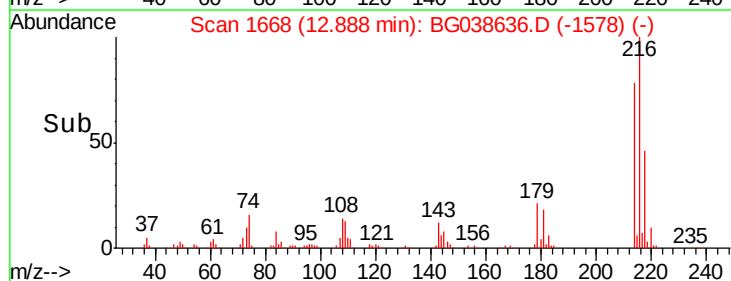
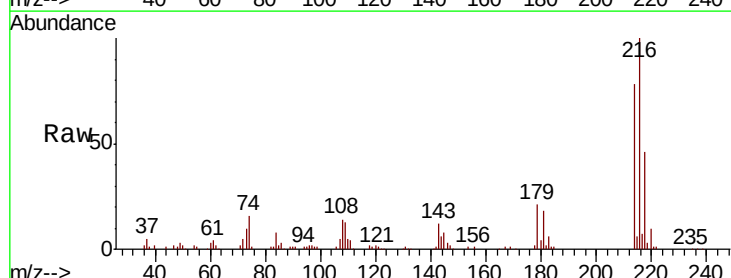
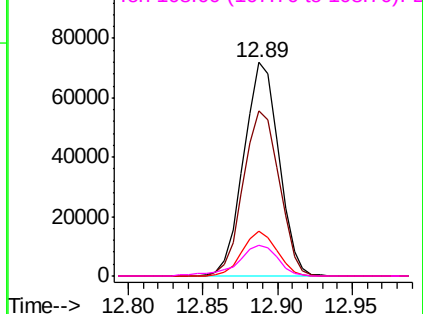
Abundance

Ion 216.00 (215.70 to 216.70): E

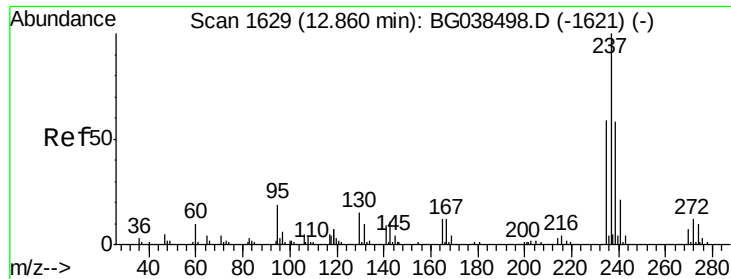
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 38.739 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

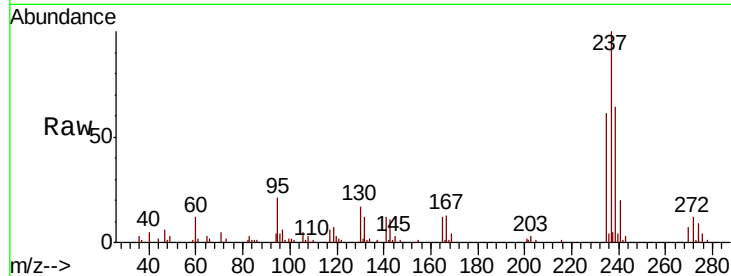
ClientSampleId :

SSTDCCC040

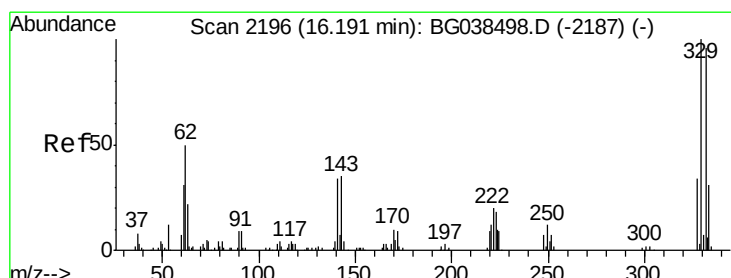
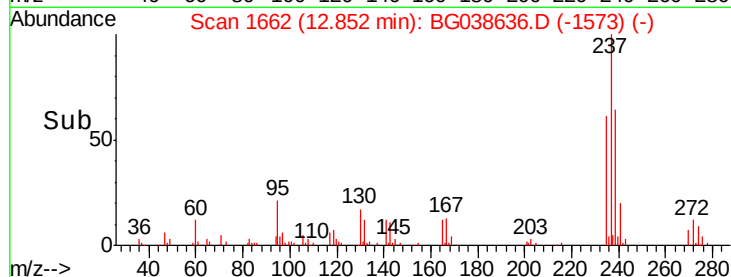
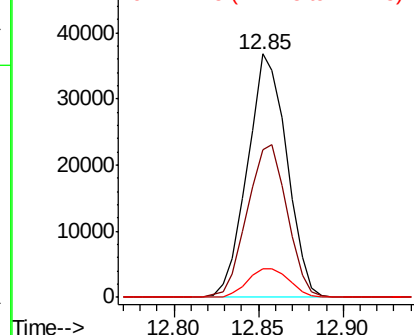
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 59691 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.7  | 38.8  | 78.8  |
| 272       | 11.6  | 0.0   | 32.0  |

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



#42

2,4,6-Tribromophenol

Concen: 82.774 ng

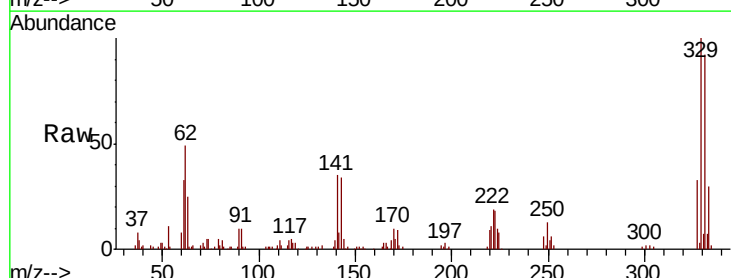
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

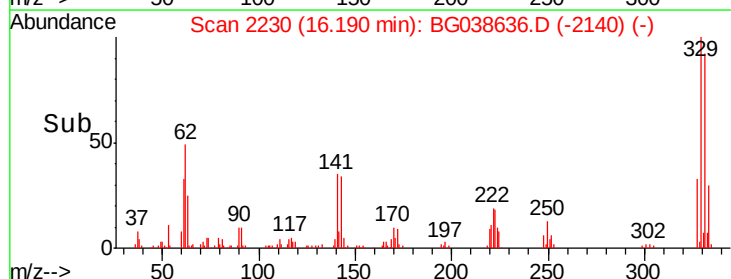
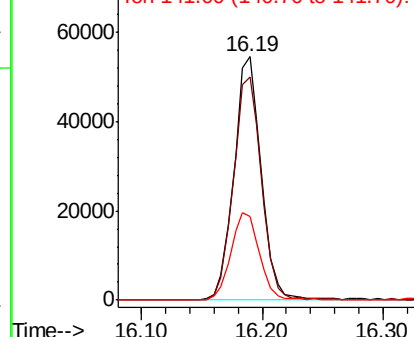
Lab File: BG038636.D

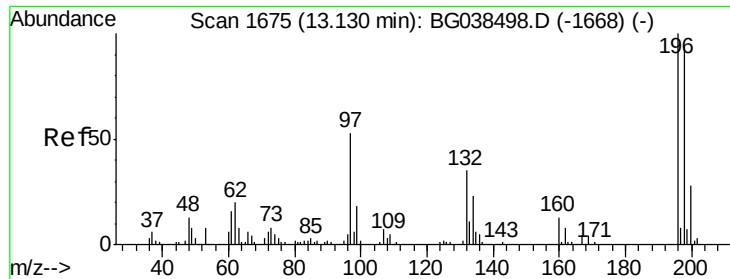
Acq: 16 Dec 2018 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 85592 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 94.4  | 76.9  | 115.3 |
| 141       | 37.6  | 28.8  | 43.2  |



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





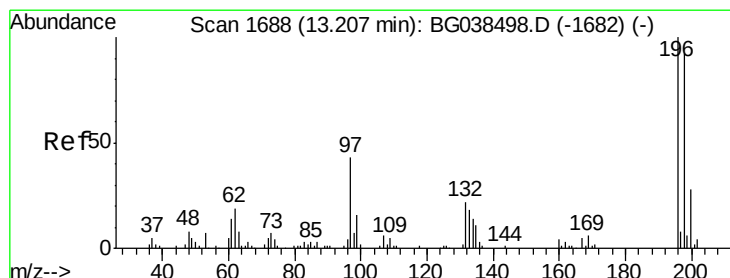
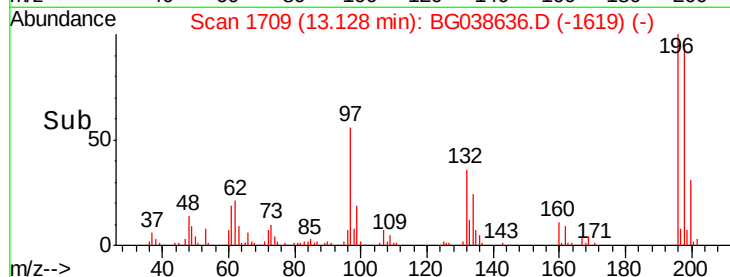
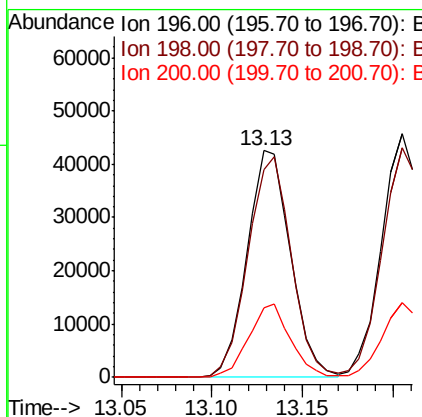
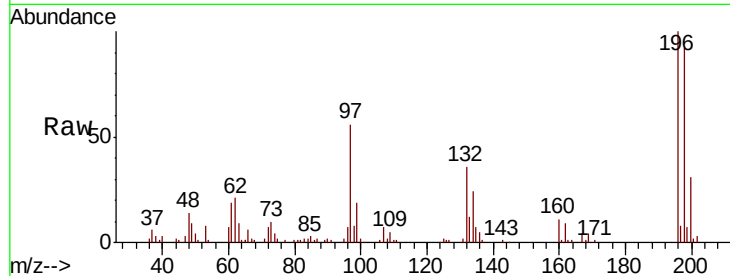
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.133 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 70932 |       |       |
| 198     | 91.8  |       | 75.0  | 112.4 |
| 200     | 32.7  |       | 22.4  | 33.6  |

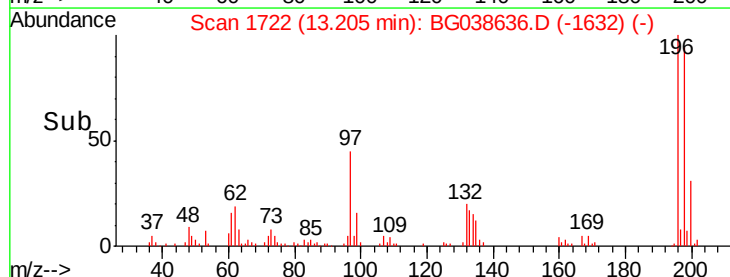
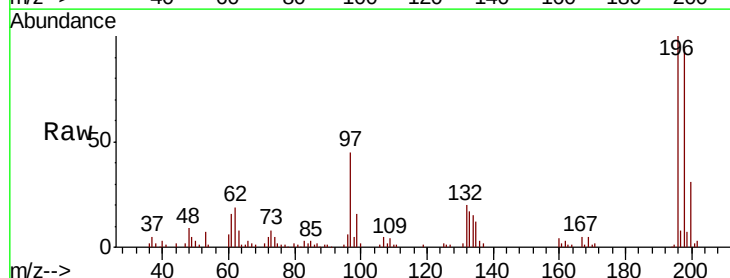
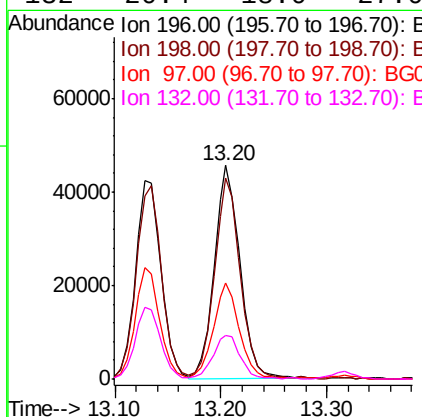
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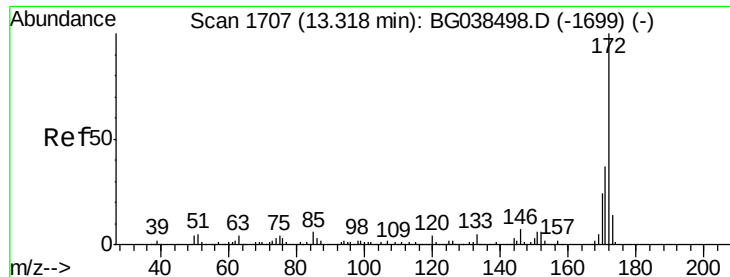
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 12/17/2018 4:13:59 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.475 ng  
 RT: 13.20 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 77551 |       |       |
| 198     | 94.2  |       | 74.0  | 111.0 |
| 97      | 45.3  |       | 35.1  | 52.7  |
| 132     | 20.4  |       | 18.0  | 27.0  |





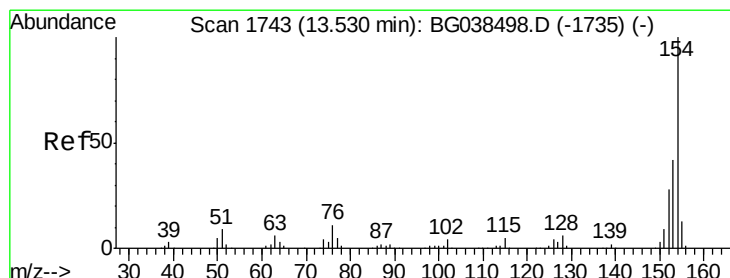
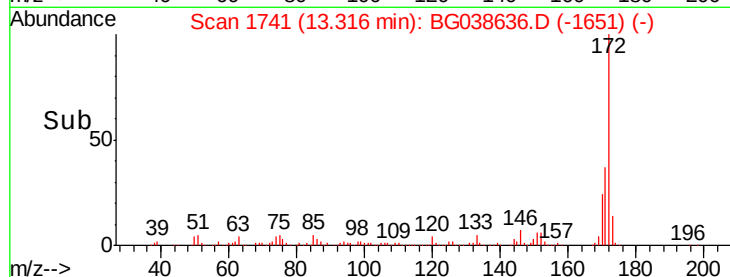
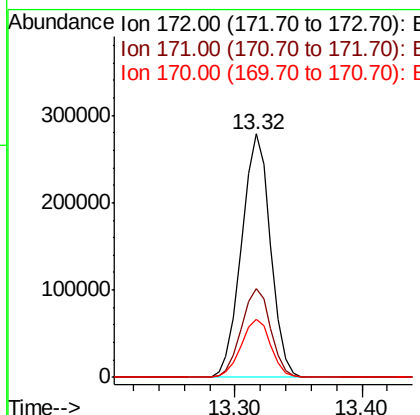
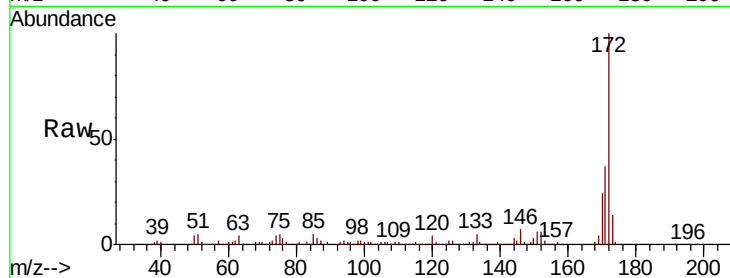
#45  
 2-Fluorobiphenyl  
 Concen: 80.339 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 29.8  | 44.6  |
| 170     | 24.0  | 19.5  | 29.3  |

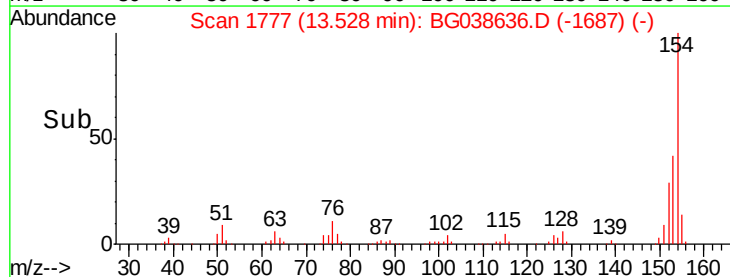
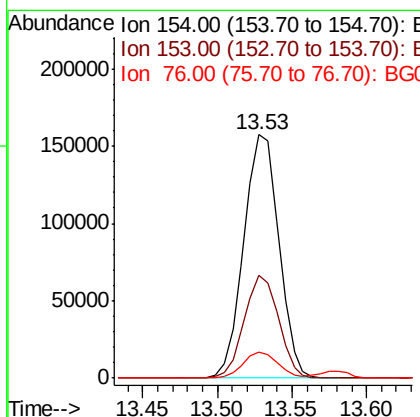
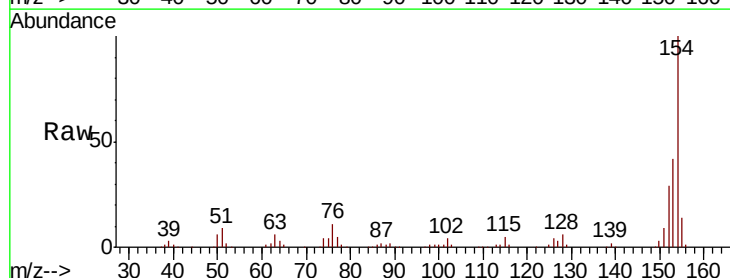
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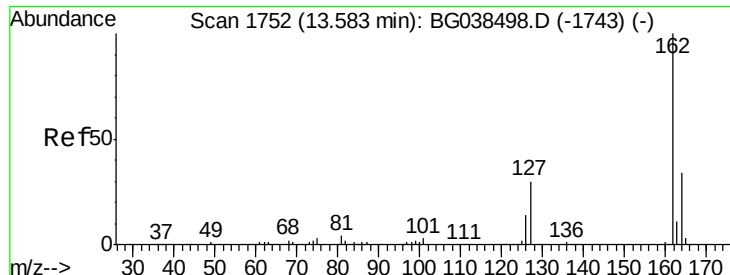
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 12/17/2018 4:13:59 PM



#46  
 1,1'-Biphenyl  
 Concen: 40.655 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.1  | 62.1  |
| 76      | 10.6  | 0.0   | 31.2  |





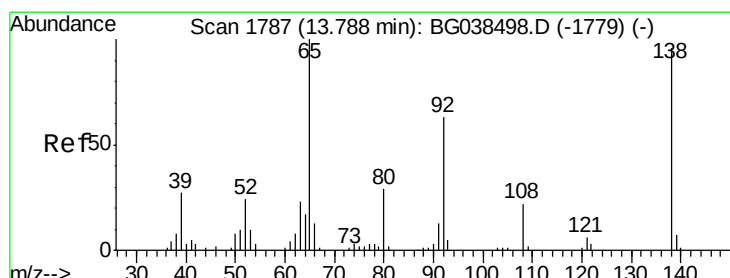
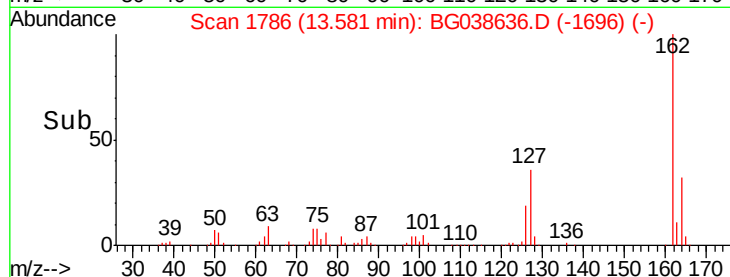
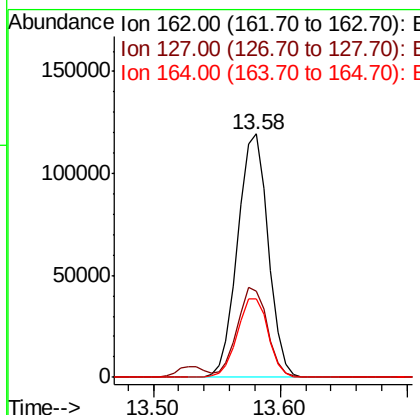
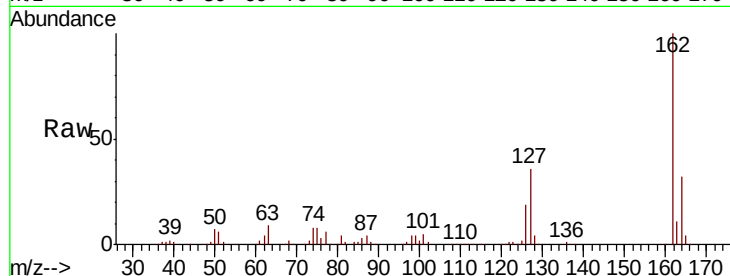
#47  
 2-Chloronaphthalene  
 Concen: 41.033 ng  
 RT: 13.58 min Scan# 1786  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.6  | 27.8  | 41.8  |
| 164     | 32.2  | 26.9  | 40.3  |

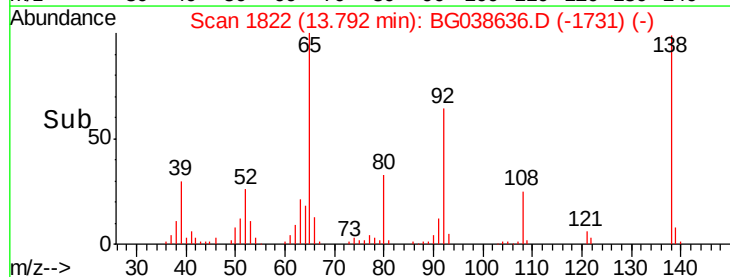
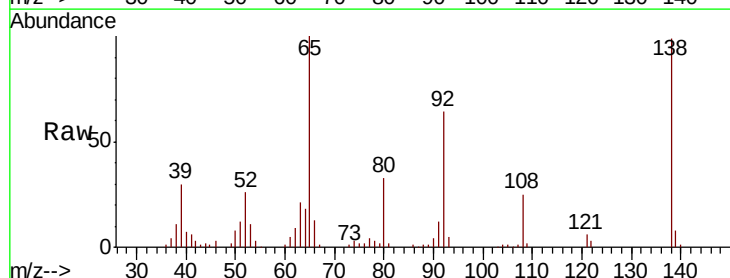
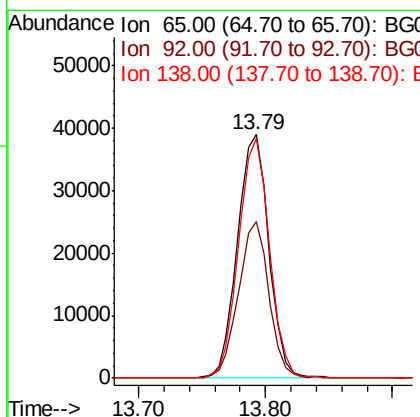
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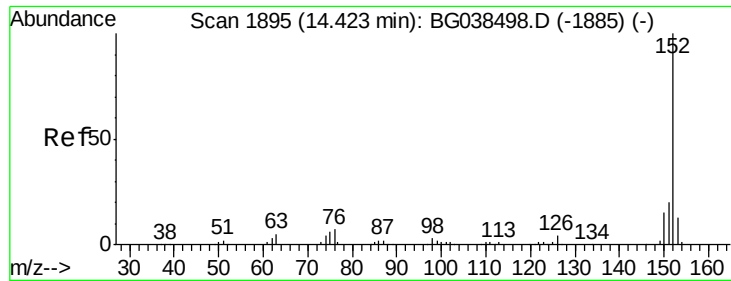
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 12/17/2018 4:13:59 PM



#48  
 2-Nitroaniline  
 Concen: 43.080 ng  
 RT: 13.79 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.5  | 50.0  | 75.0  |
| 138     | 98.5  | 76.9  | 115.3 |





#49

Acenaphthylene

Concen: 39.811 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

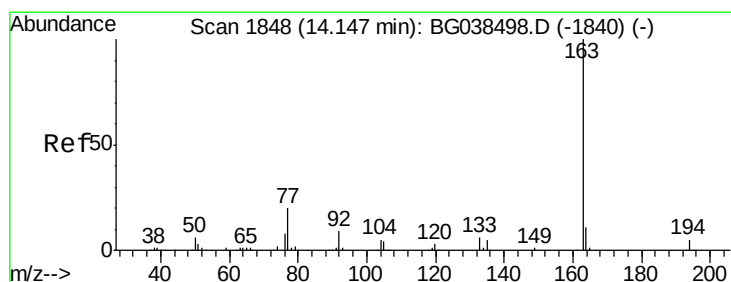
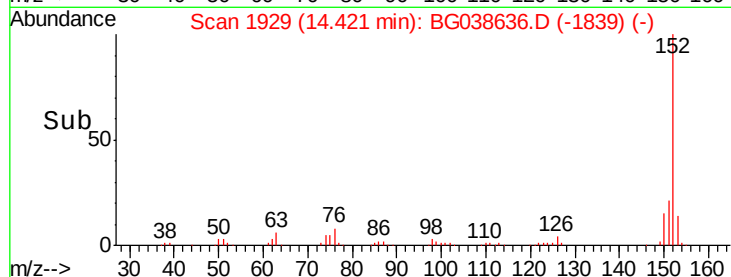
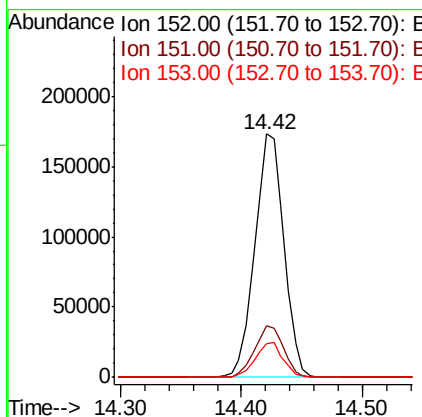
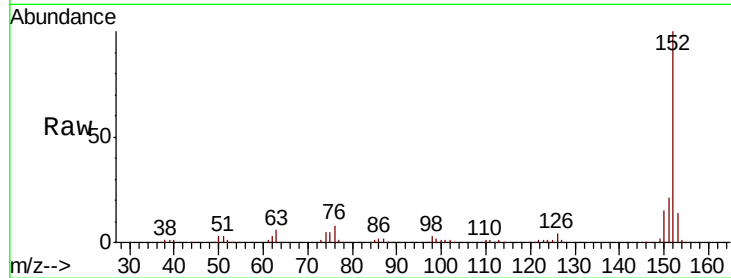
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 289169 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 16.4  | 24.6   |
| 153       | 14.1  | 10.4  | 15.6   |

Manual Integrations  
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#50

Dimethylphthalate

Concen: 40.558 ng

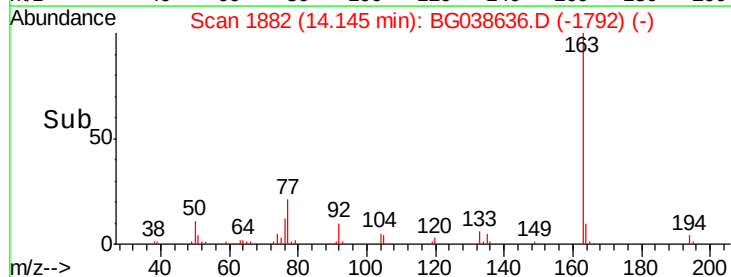
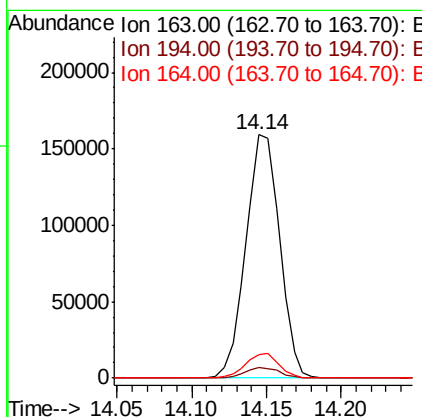
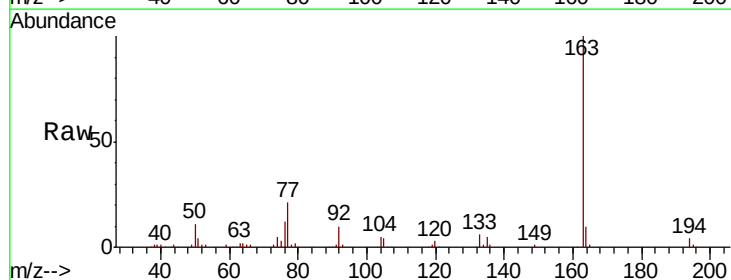
RT: 14.14 min Scan# 1882

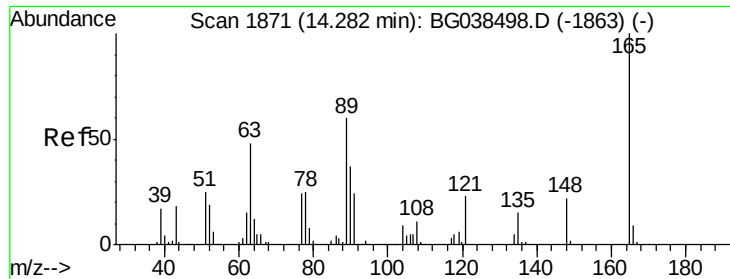
Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 248505 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.7   | 5.5    |
| 164       | 9.8   | 8.6   | 12.8   |





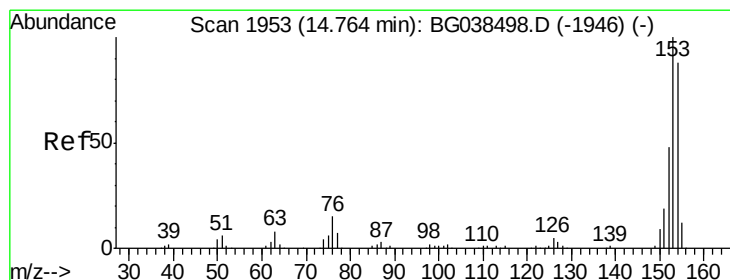
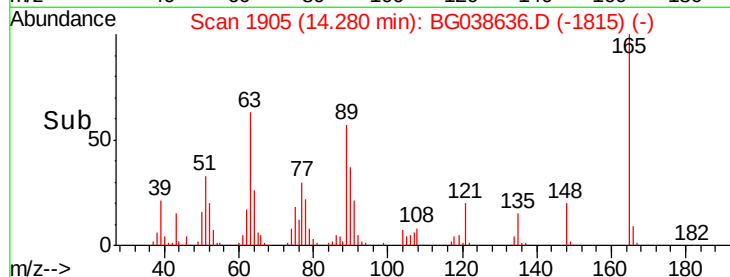
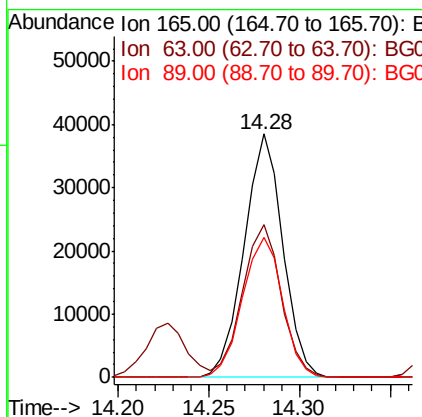
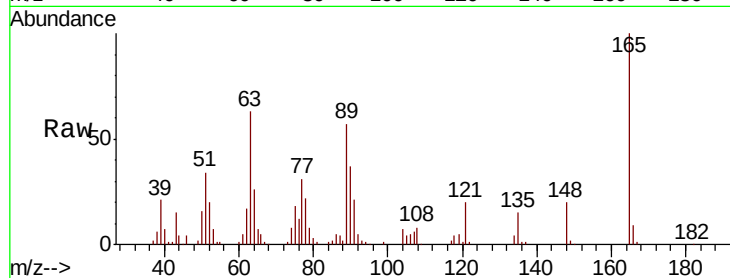
#51  
2,6-Dinitrotoluene  
Concen: 41.079 ng  
RT: 14.28 min Scan# 1905  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 57039 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 62.9  | 51.8  | 77.6  |
| 89        | 57.3  | 47.9  | 71.9  |

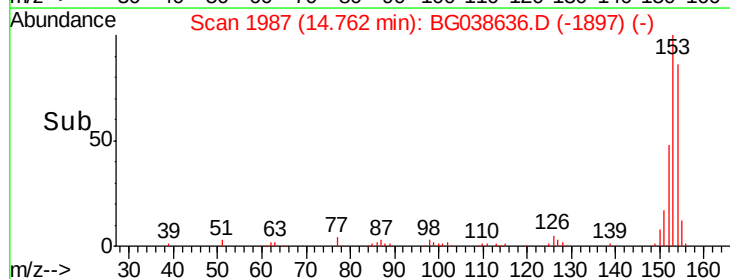
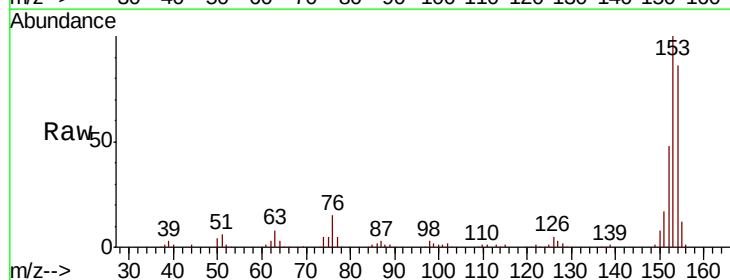
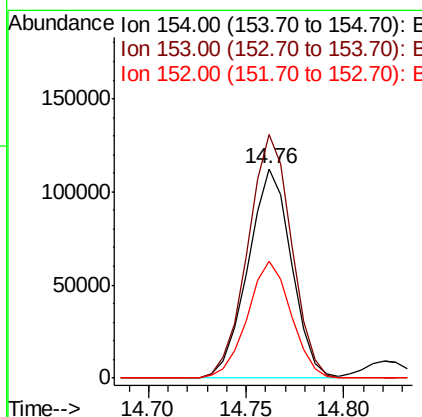
Manual Integrations  
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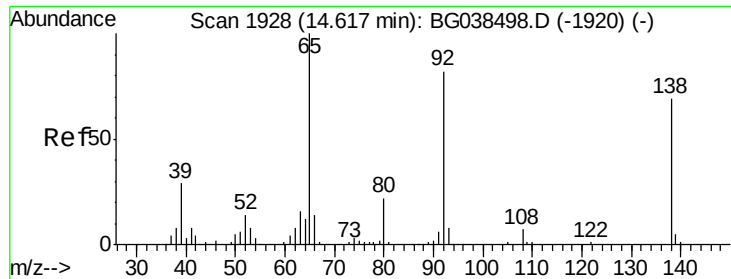
Sohil  
12/17/2018 4:13:59 PM



#52  
Acenaphthene  
Concen: 39.886 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 173237 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.3 | 90.6  | 136.0  |
| 152       | 56.1  | 43.5  | 65.3   |





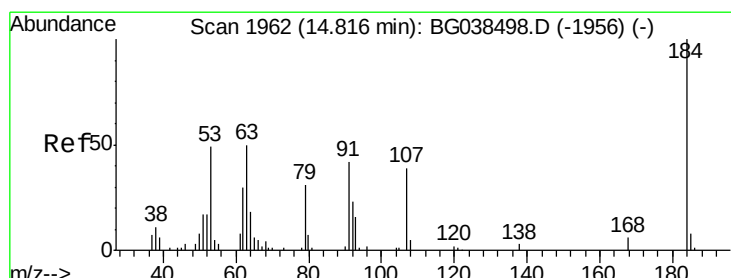
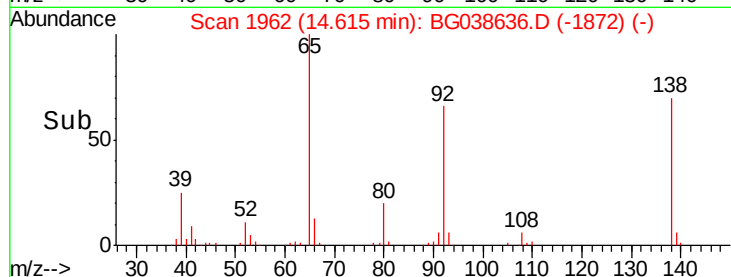
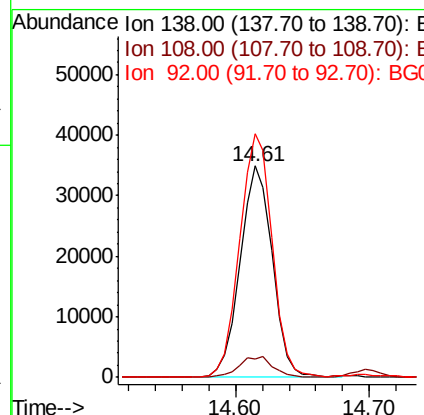
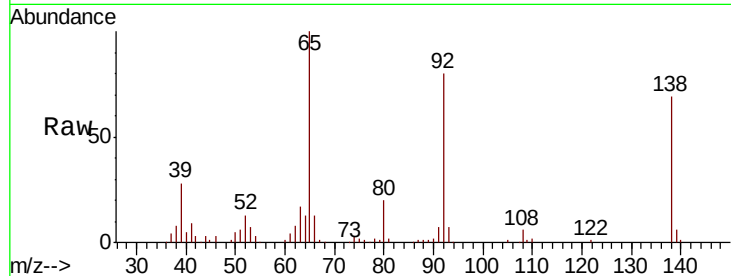
#53  
3-Nitroaniline  
Concen: 41.292 ng  
RT: 14.61 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 8.6   | 7.9   | 11.9  |
| 92      | 115.1 | 95.3  | 142.9 |

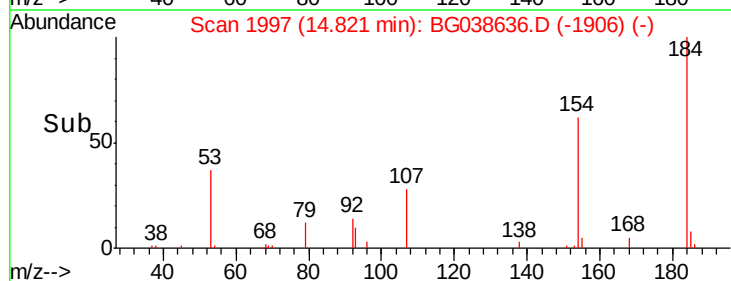
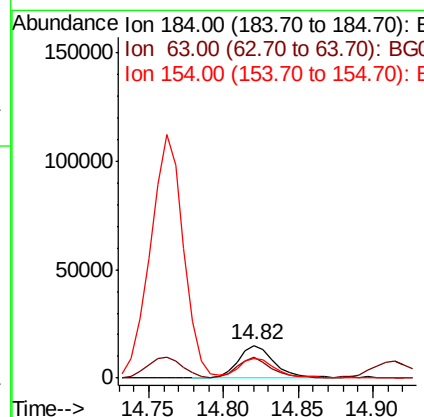
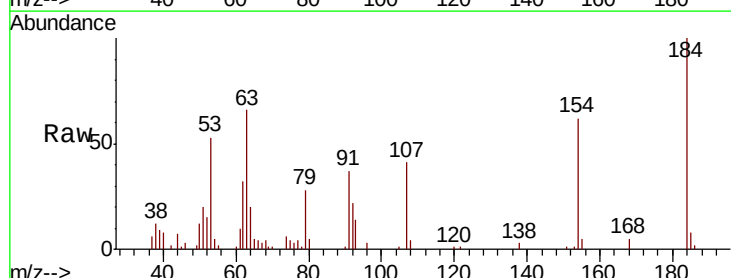
Manual Integrations  
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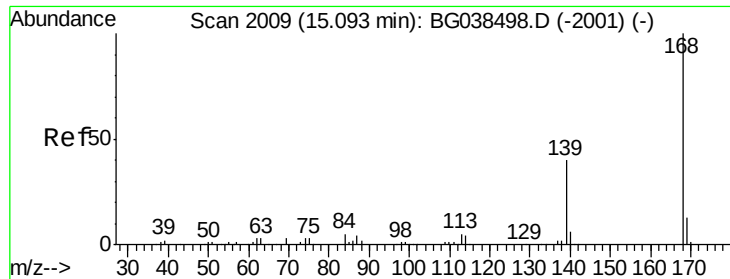
Sohil  
12/17/2018 4:13:59 PM



#54  
2,4-Dinitrophenol  
Concen: 34.271 ng  
RT: 14.82 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 65.9  | 47.0  | 70.6  |
| 154     | 61.7  | 50.3  | 75.5  |





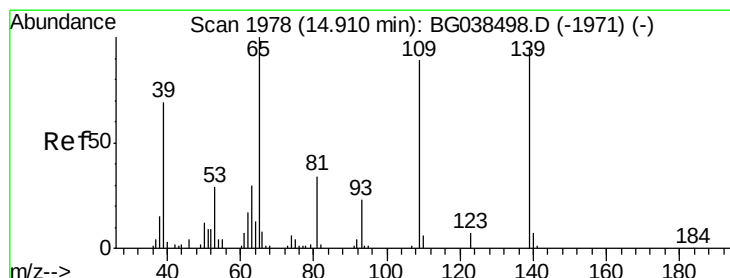
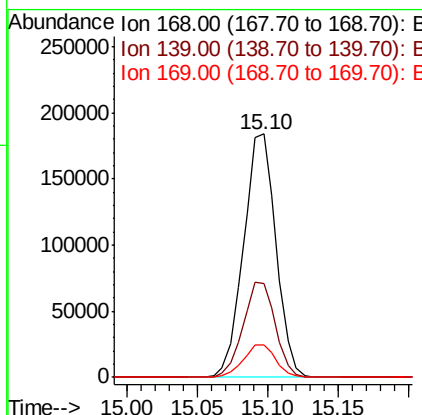
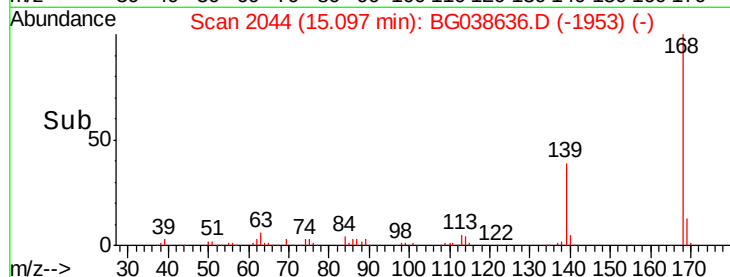
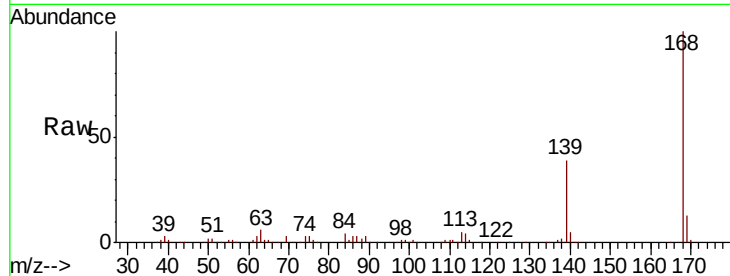
#55  
Dibenzenofuran  
Concen: 39.697 ng  
RT: 15.10 min Scan# 2044  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 295547 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 38.7  | 32.2  | 48.2   |
| 169       | 13.5  | 10.6  | 16.0   |

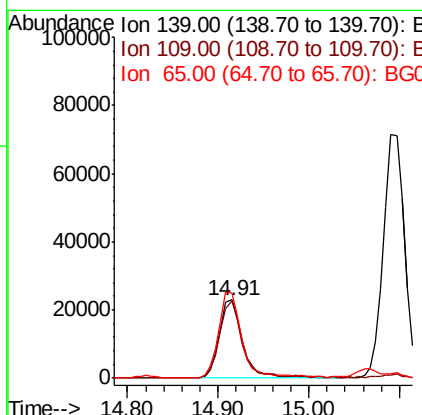
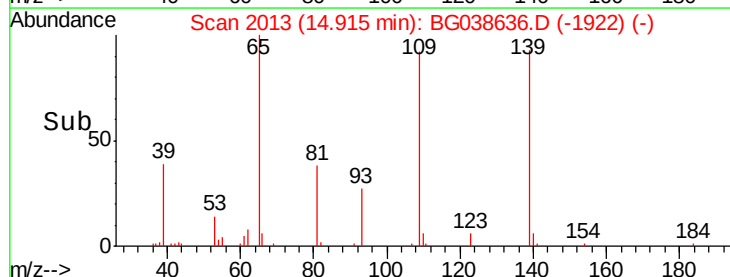
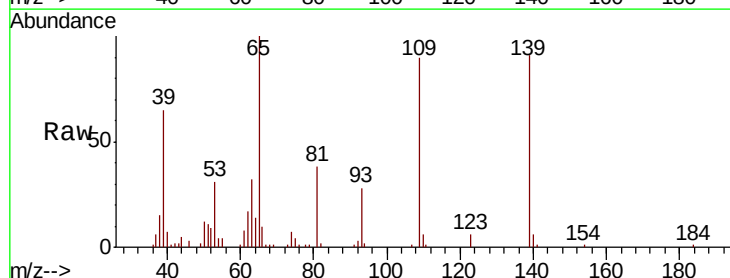
Manual Integrations  
APPROVED

Sohil  
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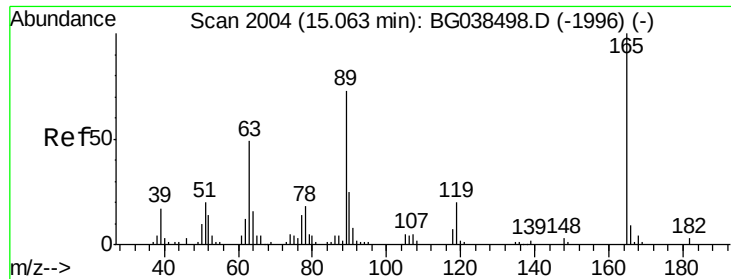


#56  
4-Nitrophenol  
Concen: 38.833 ng  
RT: 14.91 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 41698 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 98.7  | 73.6  | 113.6 |
| 65        | 109.5 | 84.8  | 124.8 |







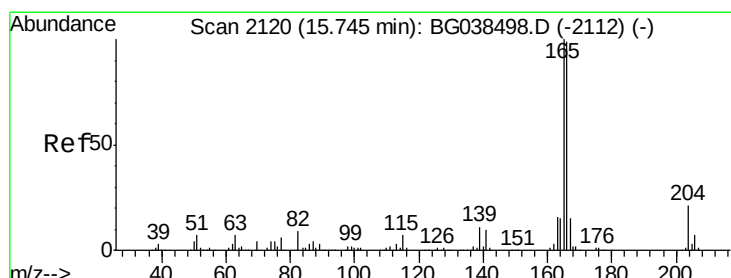
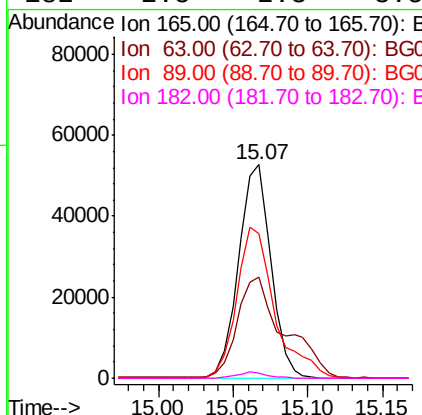
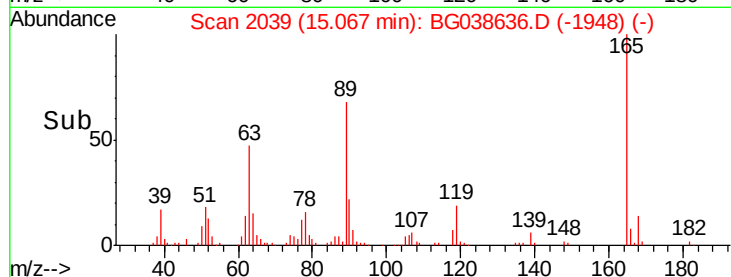
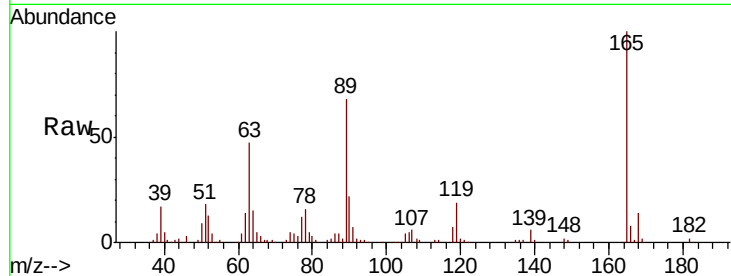
#57  
2,4-Dinitrotoluene  
Concen: 40.505 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 79214 |       |       |
| 63      | 47.1  |       | 39.0  | 58.4  |
| 89      | 67.7  |       | 58.0  | 87.0  |
| 182     | 2.5   |       | 2.3   | 3.5   |

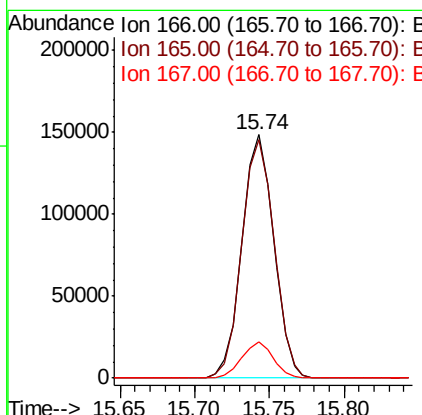
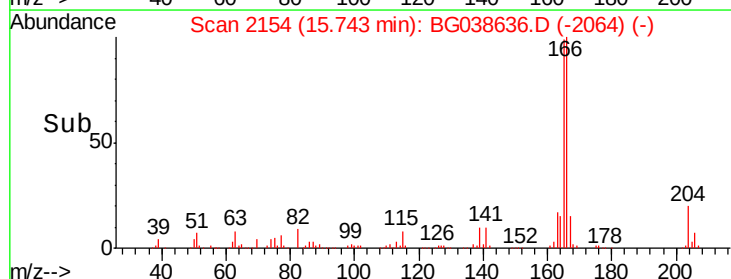
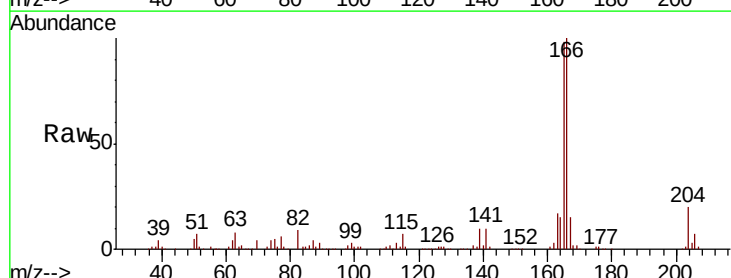
Manual Integrations  
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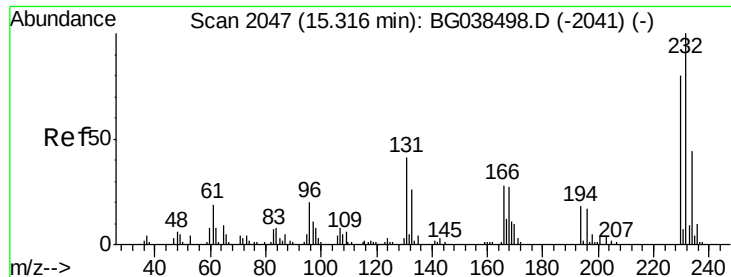
Sohil  
12/17/2018 4:13:59 PM



#58  
Fluorene  
Concen: 39.985 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 220552 |       |       |
| 165     | 97.9  |        | 80.6  | 120.8 |
| 167     | 14.7  |        | 12.0  | 18.0  |





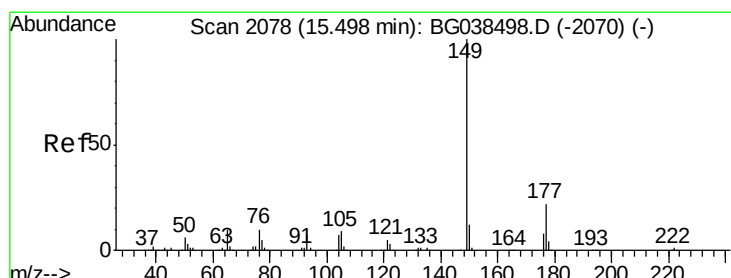
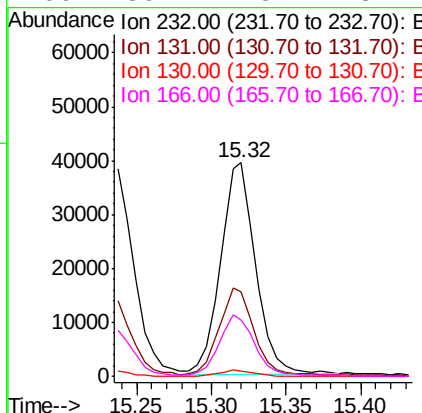
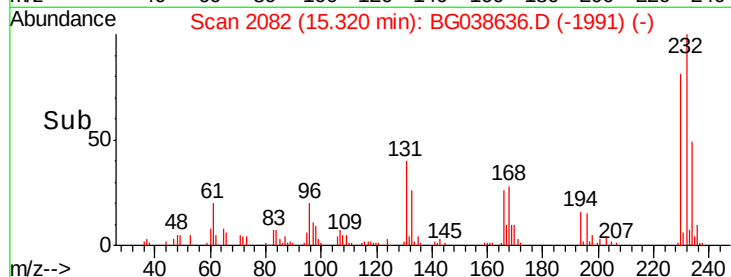
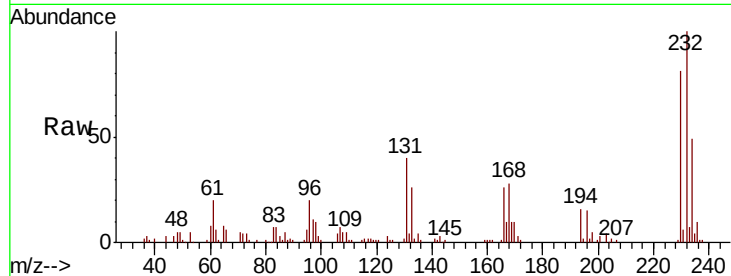
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.009 ng  
RT: 15.32 min Scan# 2082  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.4  | 33.0  | 49.4  |
| 130     | 2.7   | 2.0   | 3.0   |
| 166     | 30.2  | 23.1  | 34.7  |

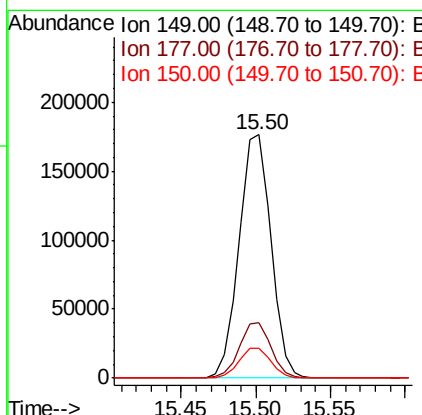
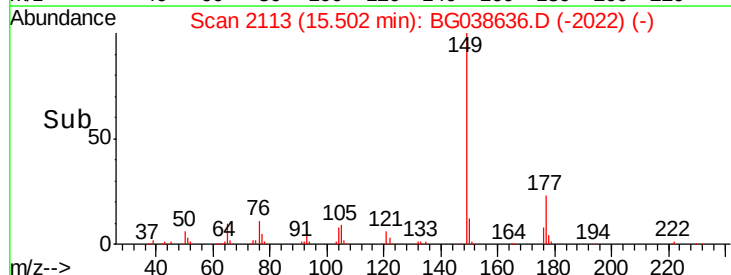
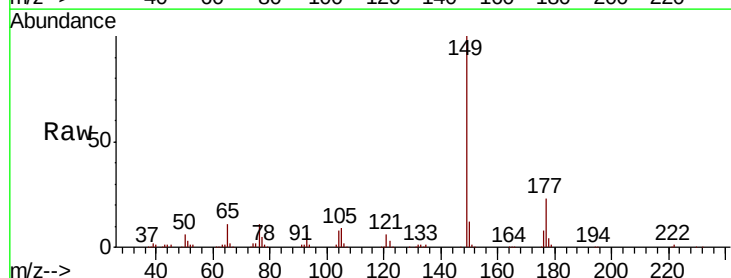
Manual Integrations  
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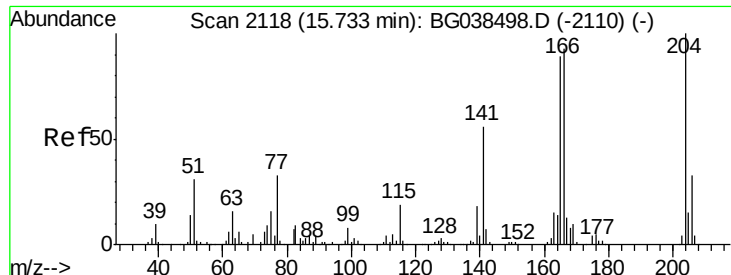
Sohil  
12/17/2018 4:13:59 PM



#60  
Diethylphthalate  
Concen: 38.941 ng  
RT: 15.50 min Scan# 2113  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.8  | 17.7  | 26.5  |
| 150     | 12.1  | 9.9   | 14.9  |





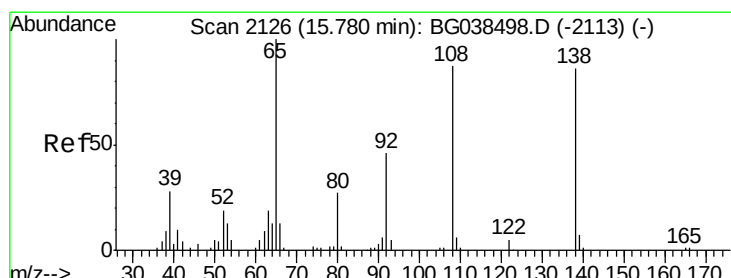
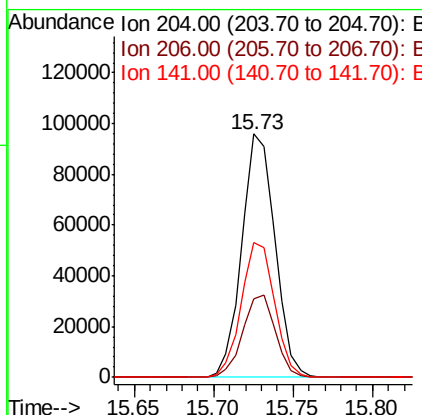
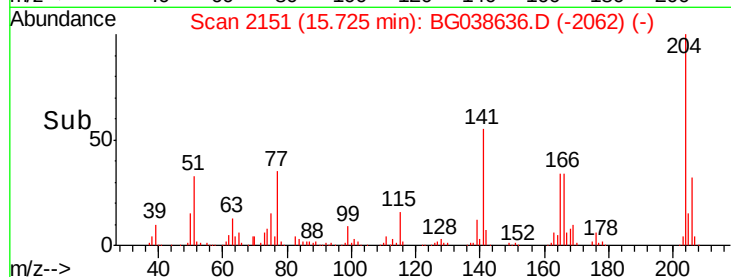
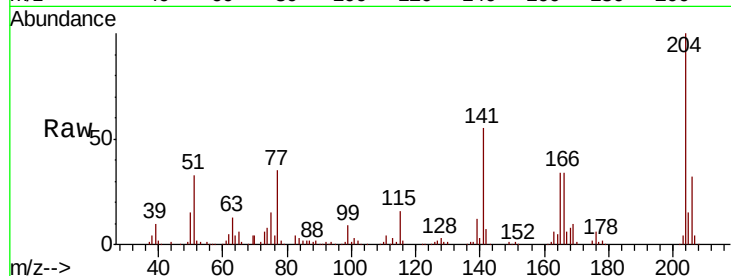
#61  
4-Chlorophenyl-phenylether  
Concen: 40.543 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. -0.01 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 26.0  | 39.0  |
| 141     | 55.4  | 44.4  | 66.6  |

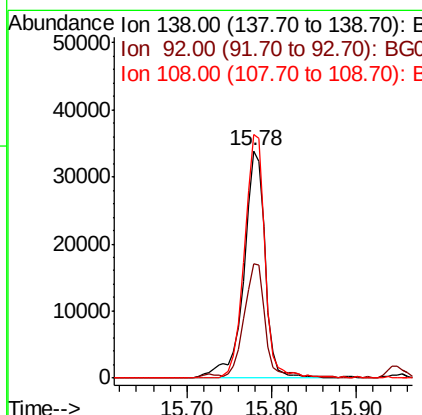
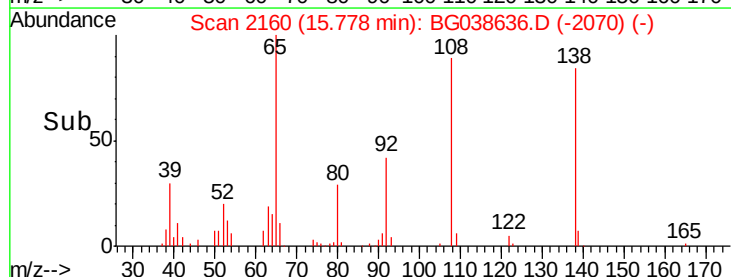
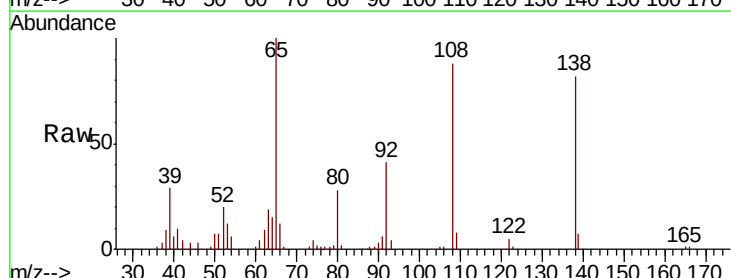
Manual Integrations  
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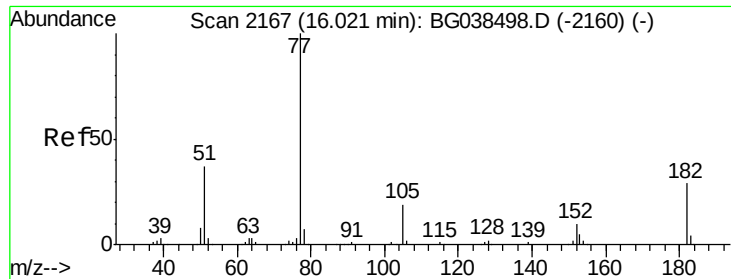
Sohil  
12/17/2018 4:13:59 PM



#62  
4-Nitroaniline  
Concen: 40.708 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.2  | 33.3  | 73.3  |
| 108     | 107.0 | 81.4  | 121.4 |





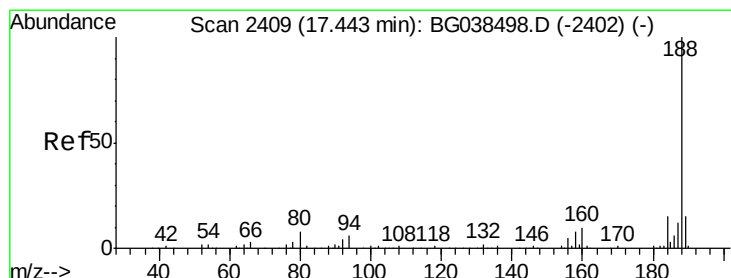
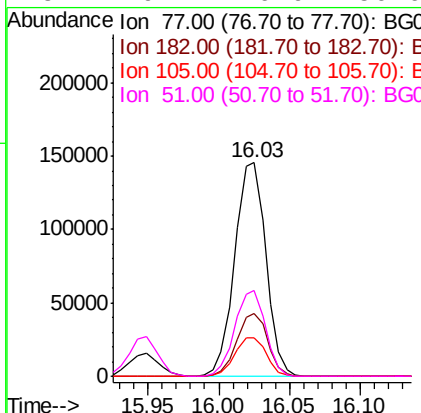
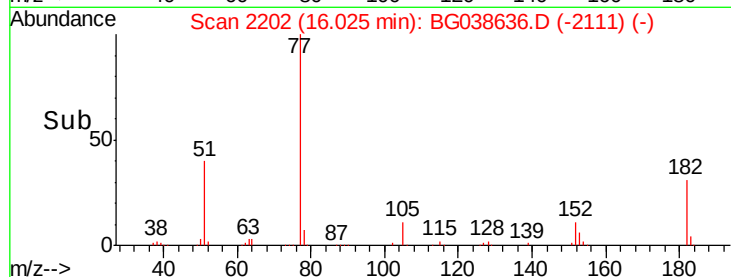
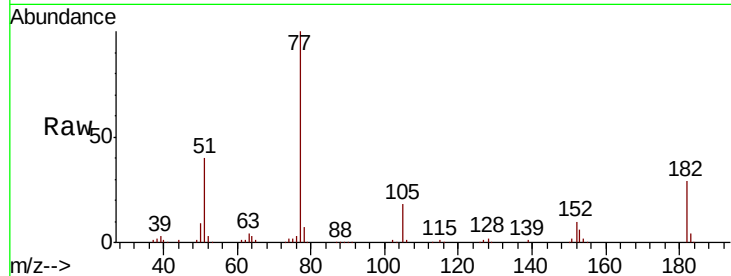
#63  
Azobenzene  
Concen: 40.018 ng  
RT: 16.03 min Scan# 2202  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.3  | 8.7   | 48.7  |
| 105     | 18.1  | 0.0   | 38.7  |
| 51      | 40.4  | 16.6  | 56.6  |

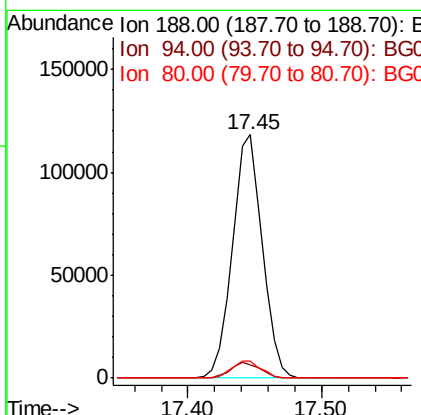
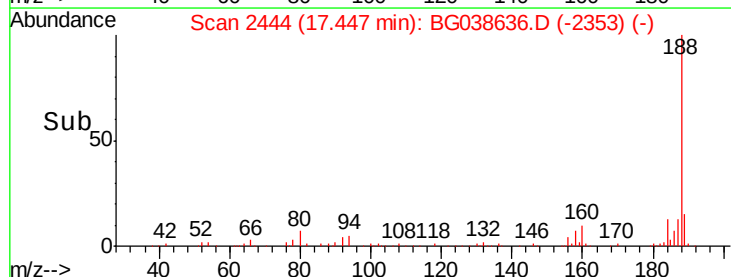
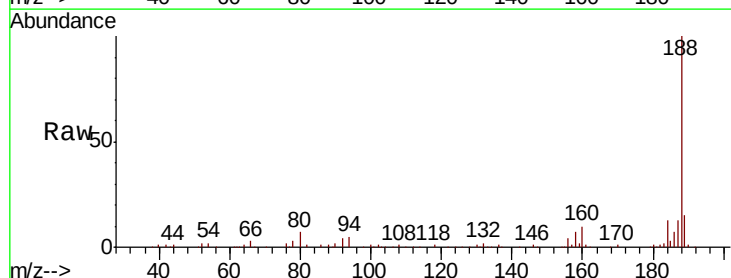
Manual Integrations  
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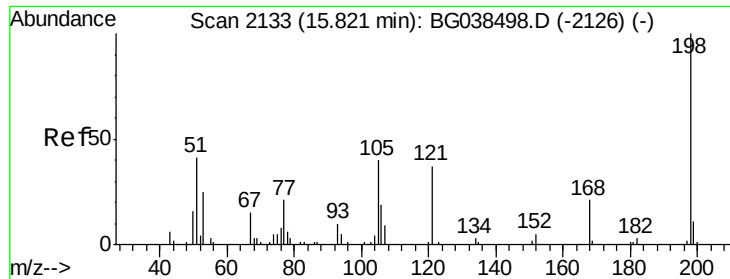
Sohil  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.5   | 5.1   | 7.7   |
| 80      | 6.9   | 6.1   | 9.1   |





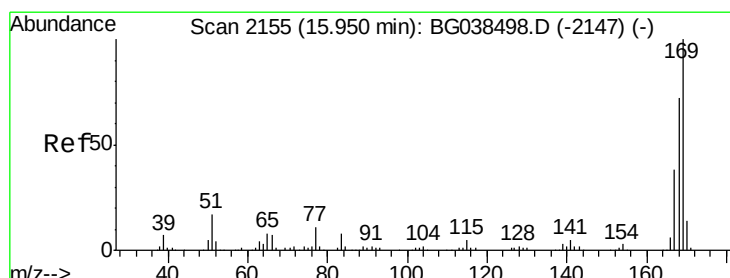
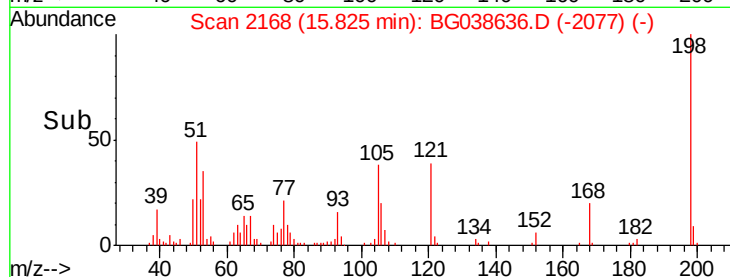
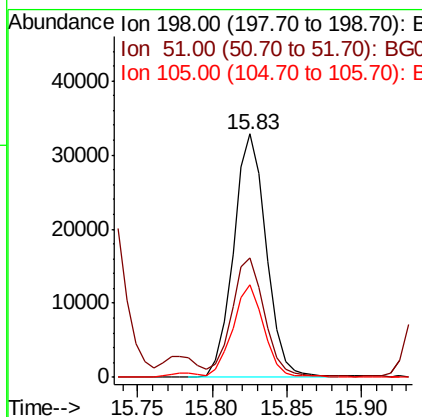
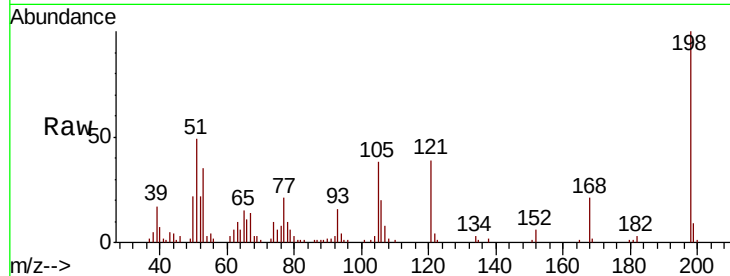
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.400 ng  
RT: 15.83 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 50105 |       |       |
| 51      | 49.0  |       | 28.6  | 68.6  |
| 105     | 38.1  |       | 20.4  | 60.4  |

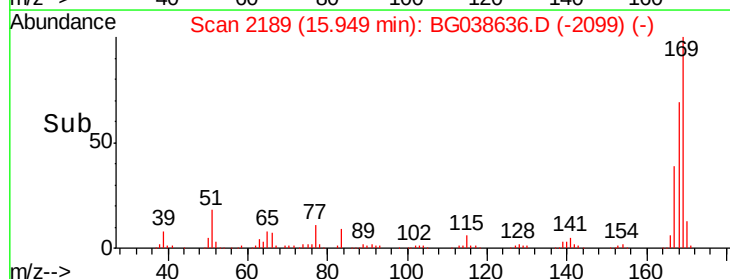
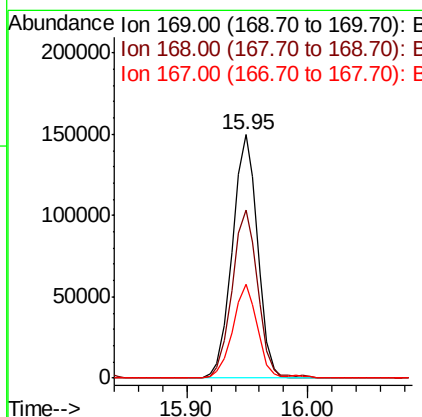
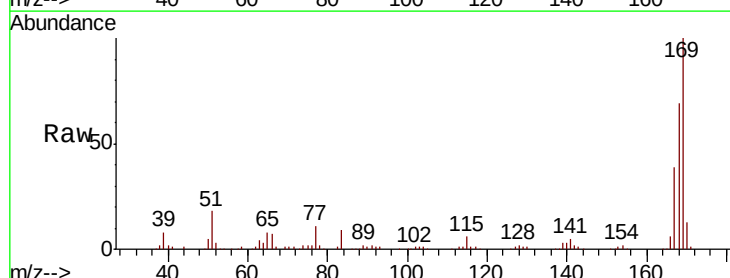
Manual Integrations  
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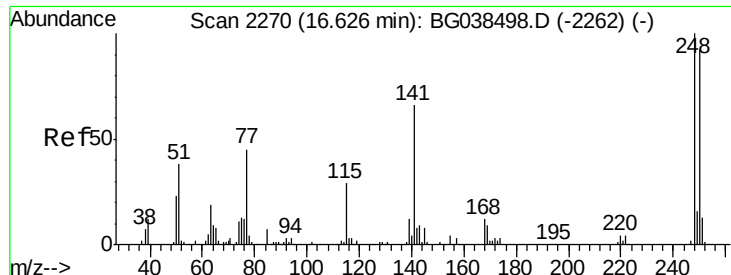
Sohil  
12/17/2018 4:13:59 PM



#66  
n-Nitrosodiphenylamine  
Concen: 40.509 ng  
RT: 15.95 min Scan# 2189  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 217712 |       |       |
| 168     | 69.0  |        | 57.5  | 86.3  |
| 167     | 38.8  |        | 30.2  | 45.2  |





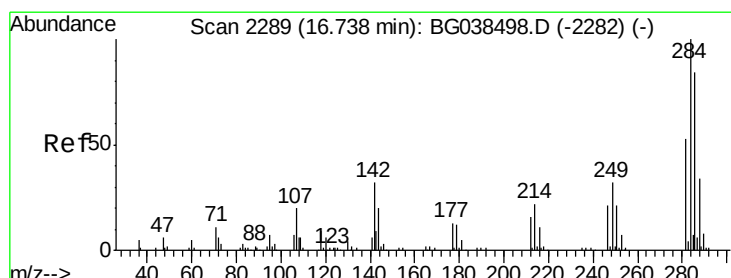
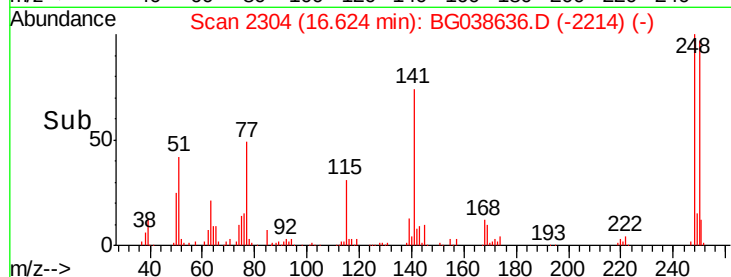
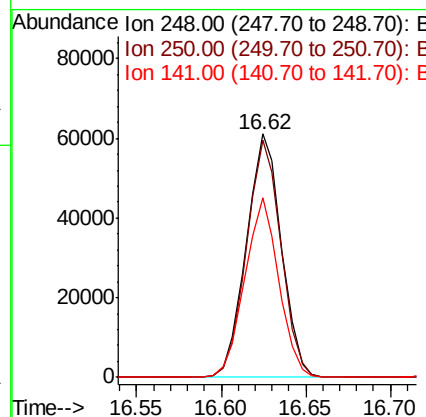
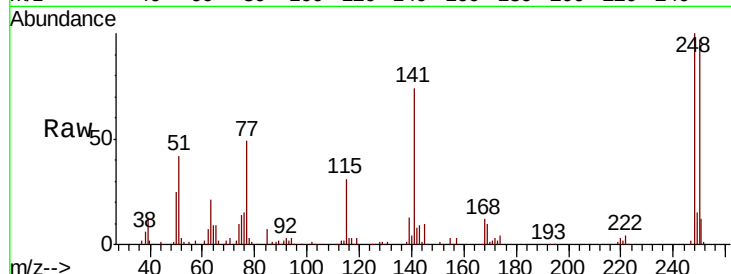
#67  
4-Bromophenyl-phenylether  
Concen: 39.431 ng  
RT: 16.62 min Scan# 2304  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 73.4  | 110.2 |
| 141     | 74.0  | 52.9  | 79.3  |

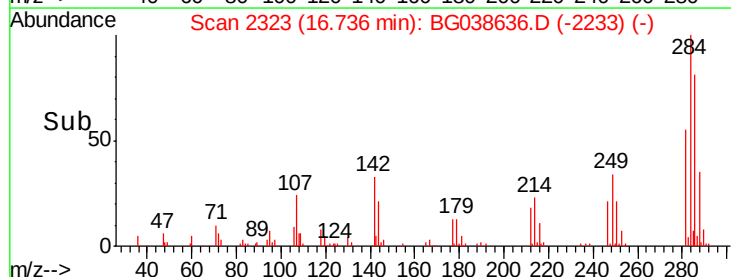
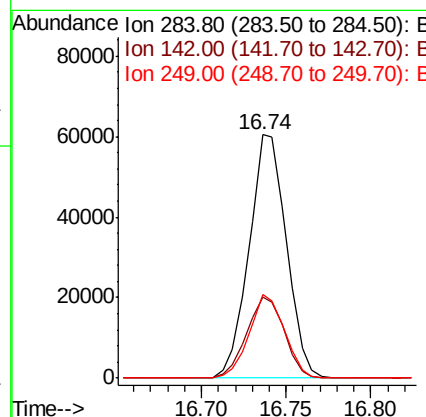
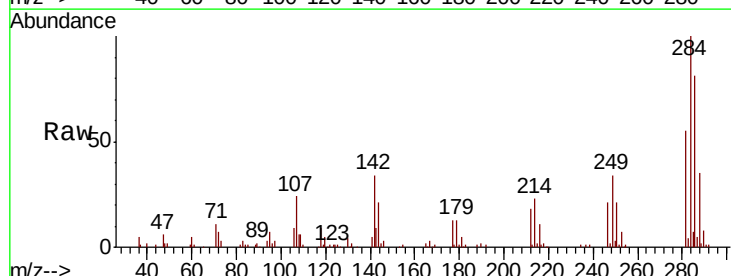
Manual Integrations  
APPROVED

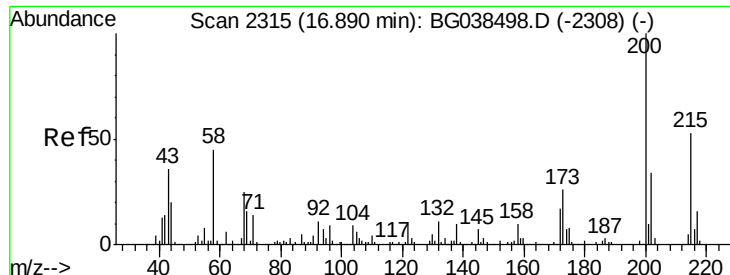
Sohil  
12/17/2018 4:13:59 PM



#68  
Hexachlorobenzene  
Concen: 40.127 ng  
RT: 16.74 min Scan# 2323  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.5  | 25.8  | 38.6  |
| 249     | 36.7  | 27.0  | 40.4  |





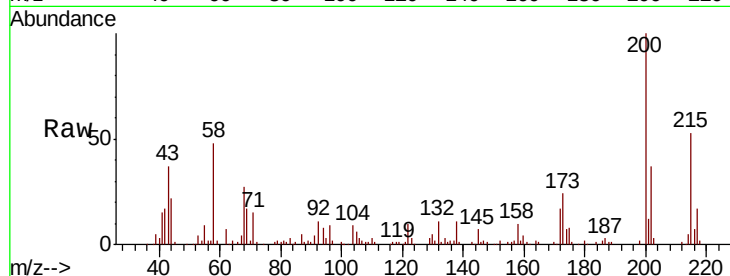
#69  
Atrazine  
Concen: 41.331 ng  
RT: 16.89 min Scan# 2349  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

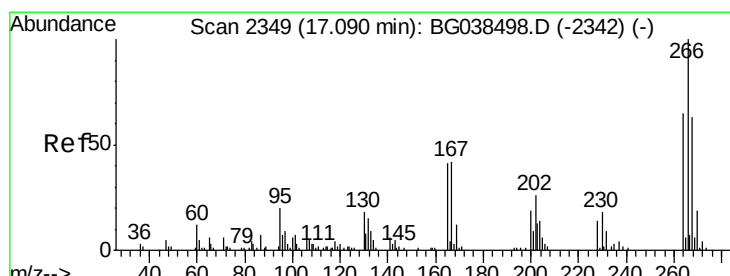
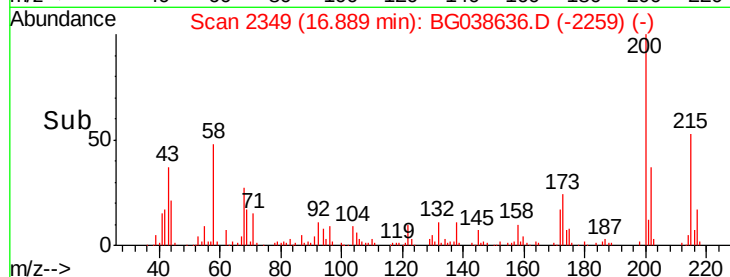
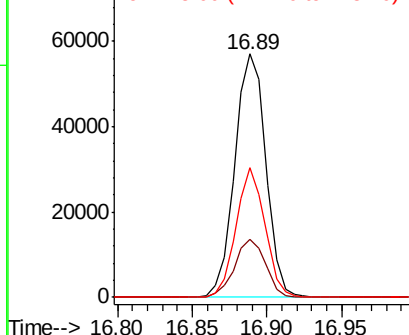
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.0  | 5.9   | 45.9  |
| 215     | 53.3  | 33.1  | 73.1  |

Manual Integrations  
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Sohil  
12/17/2018 4:13:59 PM

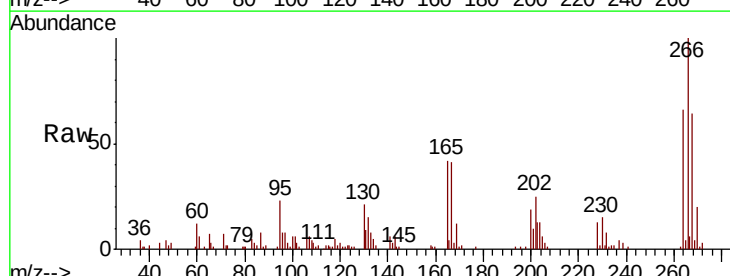


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

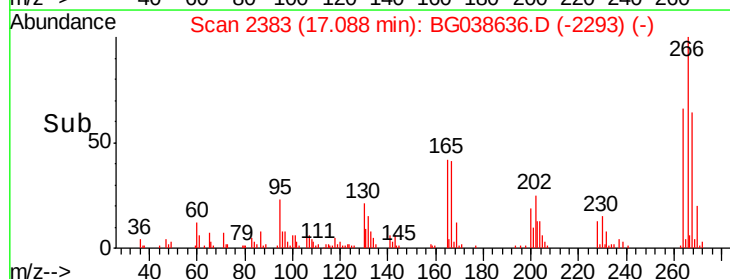
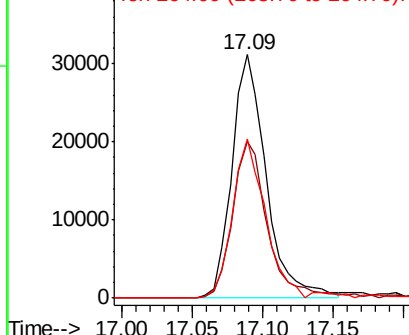


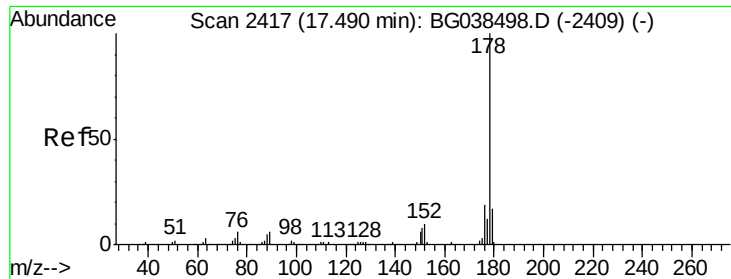
#70  
Pentachlorophenol  
Concen: 38.528 ng  
RT: 17.09 min Scan# 2383  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.0  | 55.0  | 82.6  |
| 264     | 69.6  | 56.7  | 85.1  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





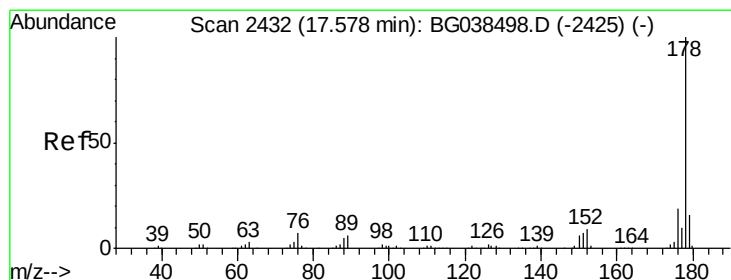
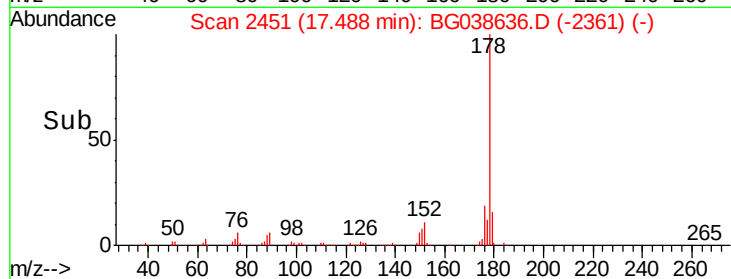
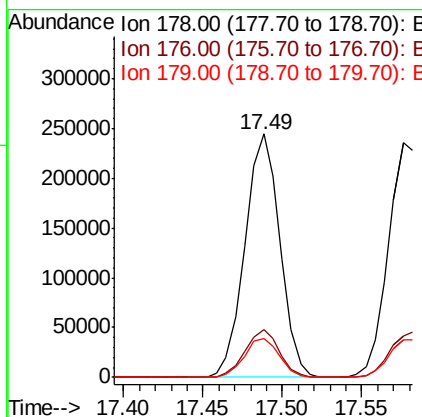
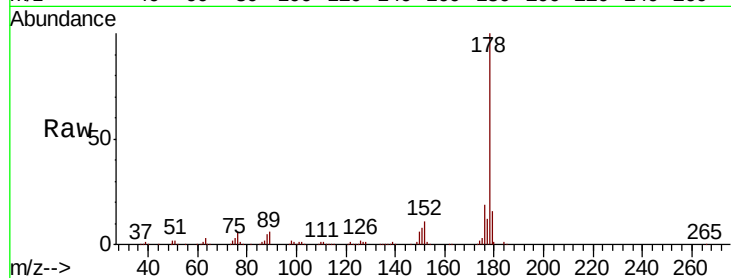
#71  
Phenanthrene  
Concen: 39.465 ng  
RT: 17.49 min Scan# 2451  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.1  | 22.7  |
| 179     | 16.0  | 13.2  | 19.8  |

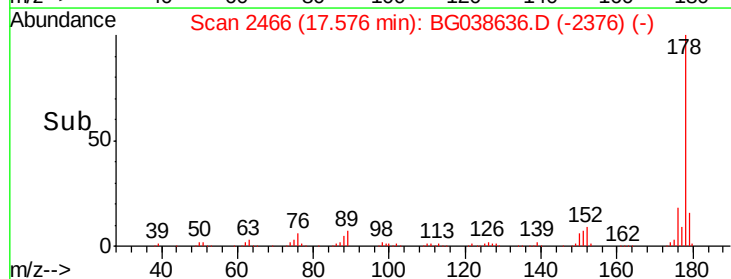
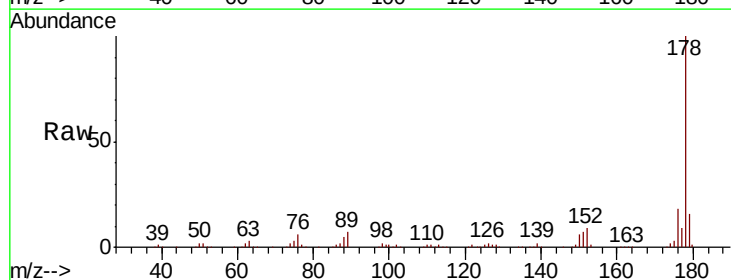
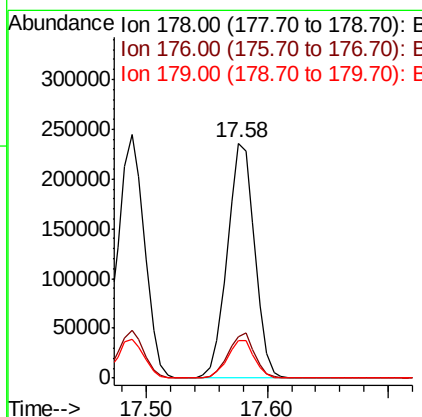
Manual Integrations  
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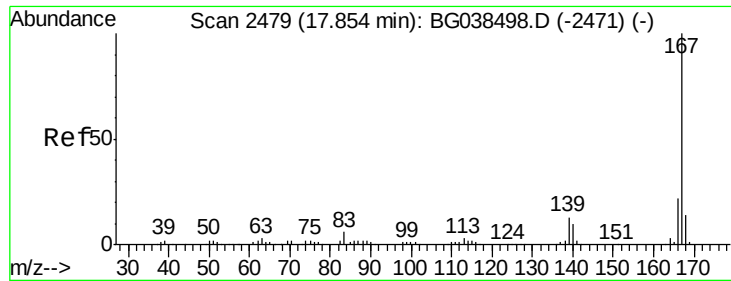


#72  
Anthracene  
Concen: 39.660 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.8  | 15.1  | 22.7  |
| 179     | 16.2  | 12.9  | 19.3  |







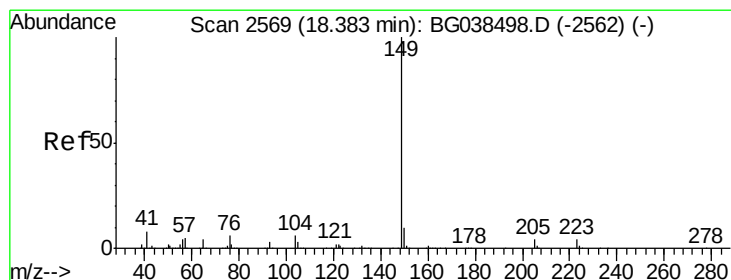
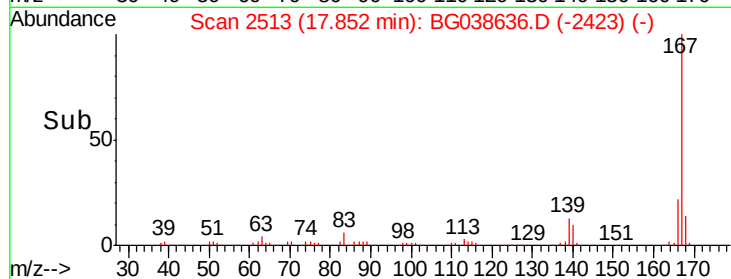
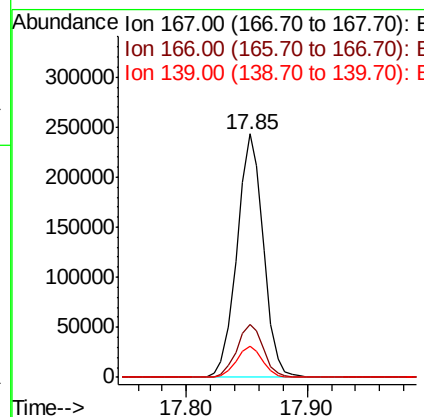
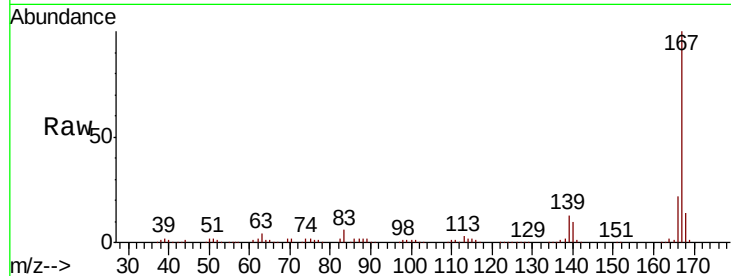
#73  
 Carbazole  
 Concen: 39.924 ng  
 RT: 17.85 min Scan# 2513  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.9  | 26.9  |
| 139     | 12.8  | 10.2  | 15.2  |

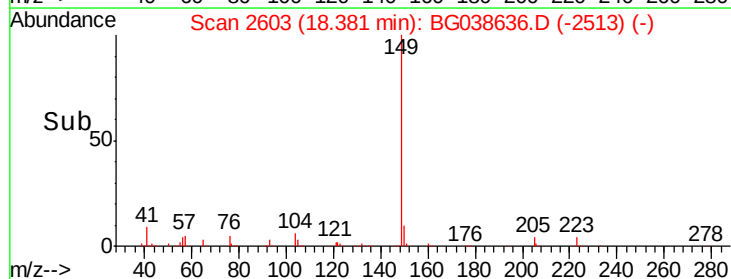
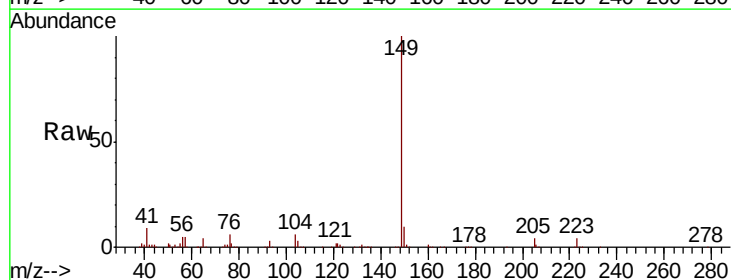
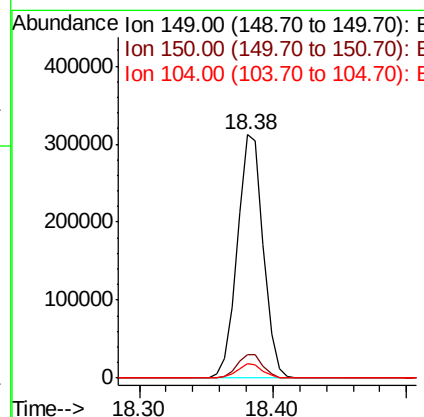
Manual Integrations  
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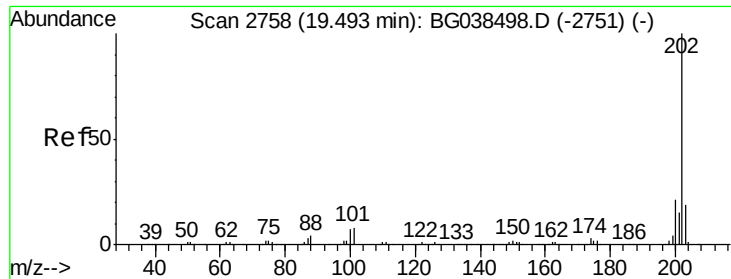
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#74  
 Di-n-butylphthalate  
 Concen: 39.635 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.6   | 11.4  |
| 104     | 6.1   | 5.0   | 7.4   |





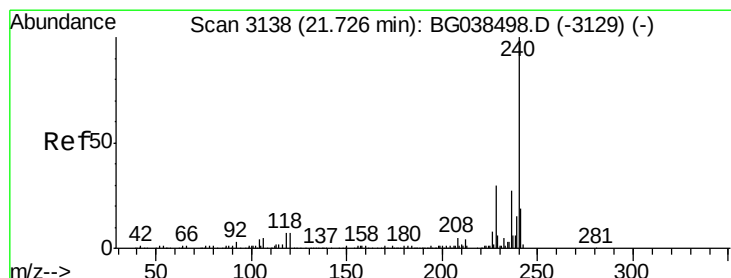
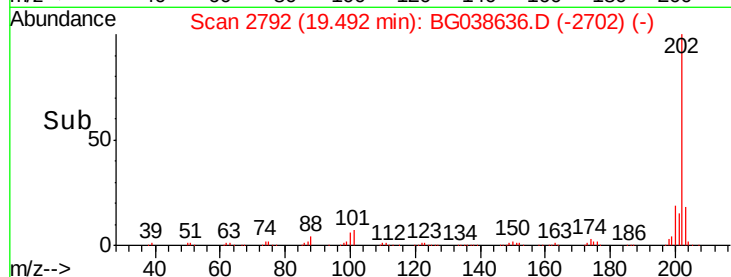
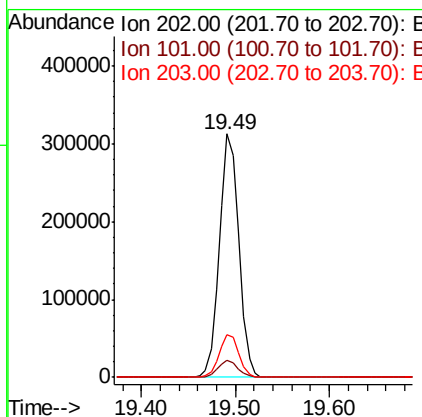
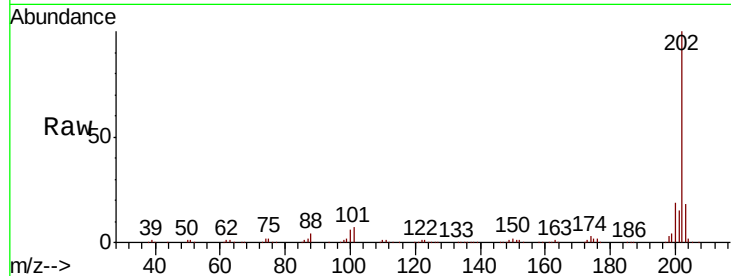
#75  
 Fluoranthene  
 Concen: 38.426 ng  
 RT: 19.49 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 6.9   | 0.0        | 28.1  |
| 203     | 17.7  | 0.0        | 39.0  |

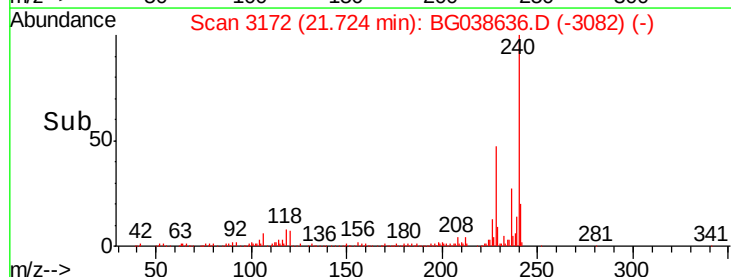
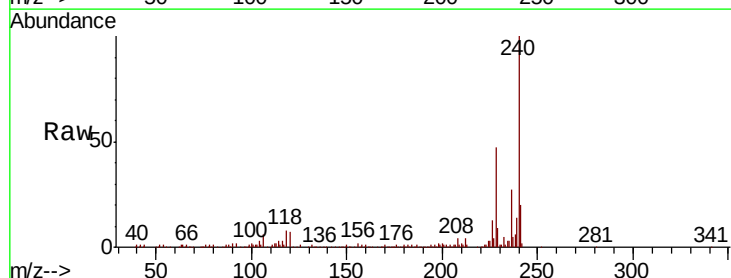
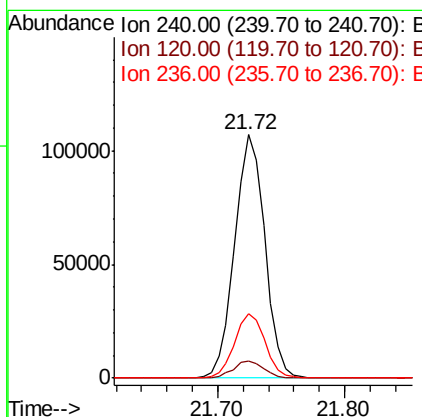
Manual Integrations  
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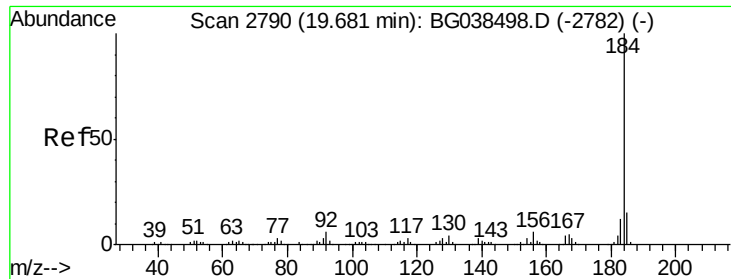
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3172  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 7.0   | 5.3        | 7.9   |
| 236     | 26.6  | 21.4       | 32.2  |





#77

Benzidine

Concen: 38.225 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

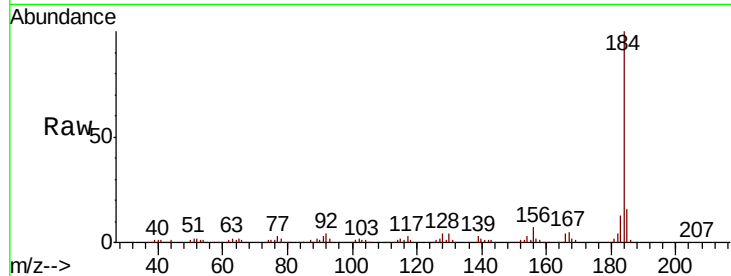
ClientSampleId :

SSTDCCC040

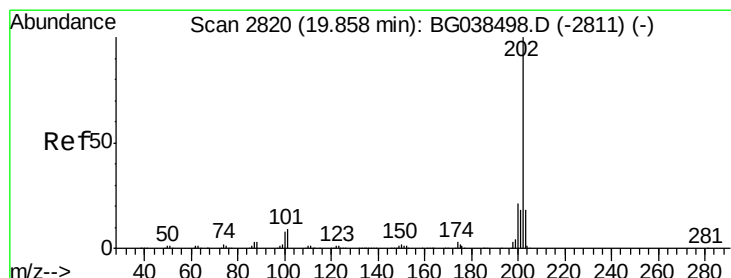
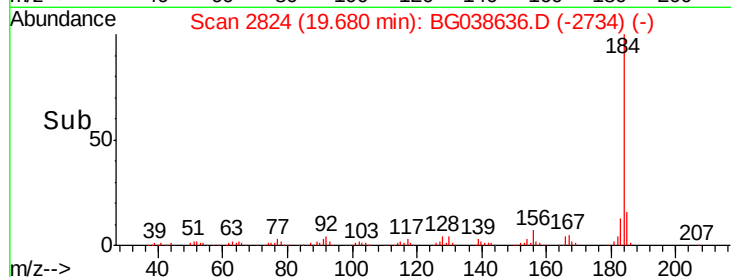
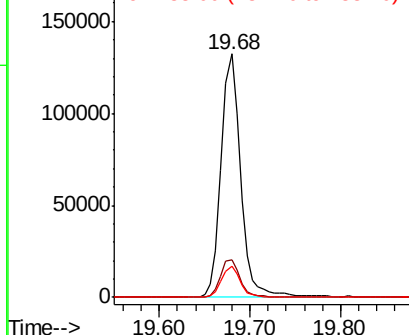
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 199129 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.6  | 12.2  | 18.2   |
| 183       | 12.7  | 9.6   | 14.4   |

Manual Integrations  
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.142 ng

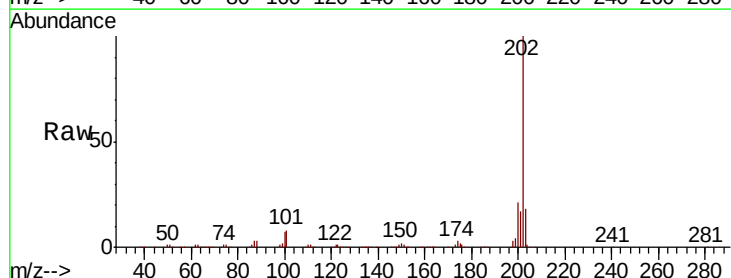
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

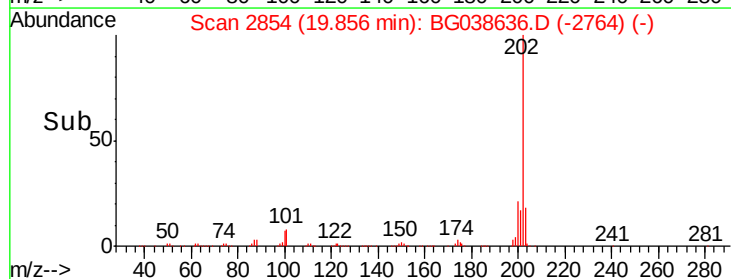
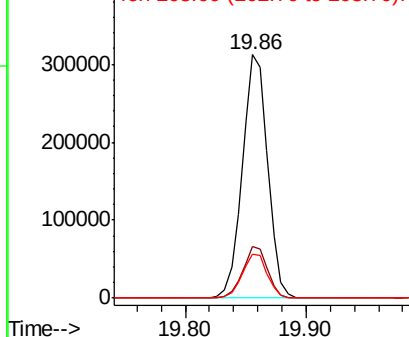
Lab File: BG038636.D

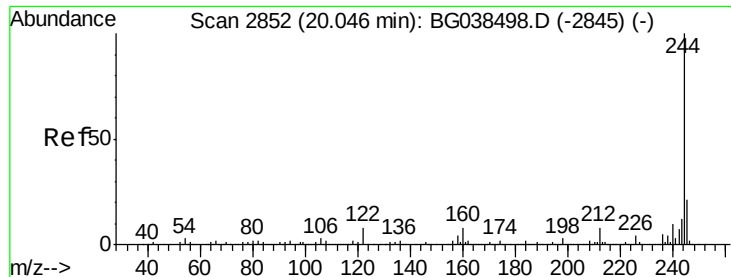
Acq: 16 Dec 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 455492 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 16.6  | 25.0   |
| 203       | 18.2  | 14.6  | 21.8   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





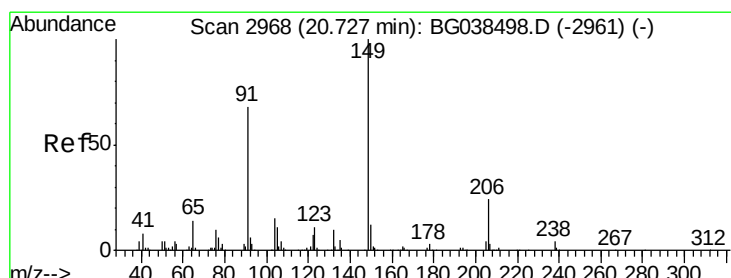
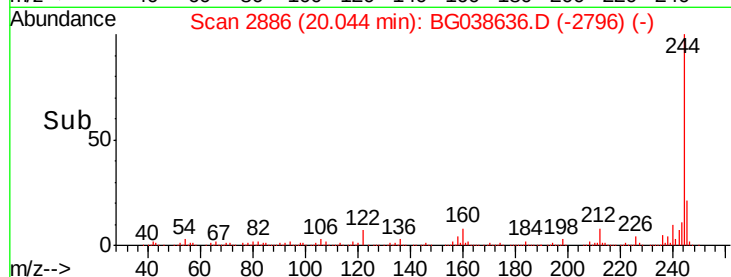
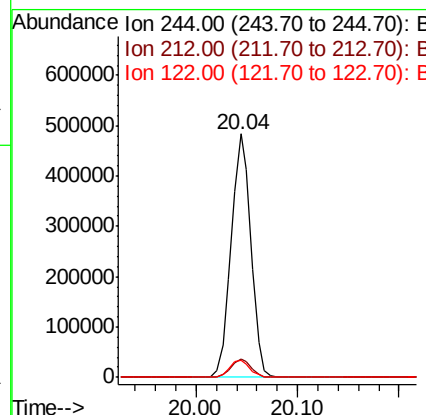
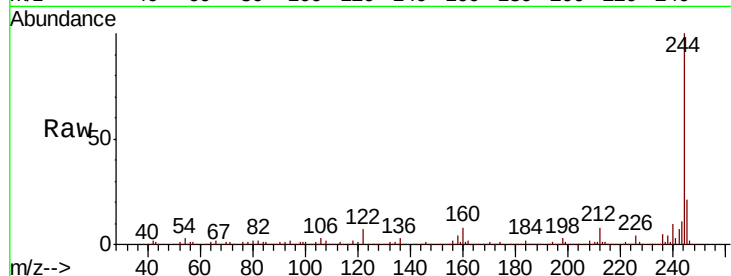
#79  
 Terphenyl-d14  
 Concen: 80.241 ng  
 RT: 20.04 min Scan# 2886  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 6.2   | 9.2   |
| 122     | 7.2   | 6.3   | 9.5   |

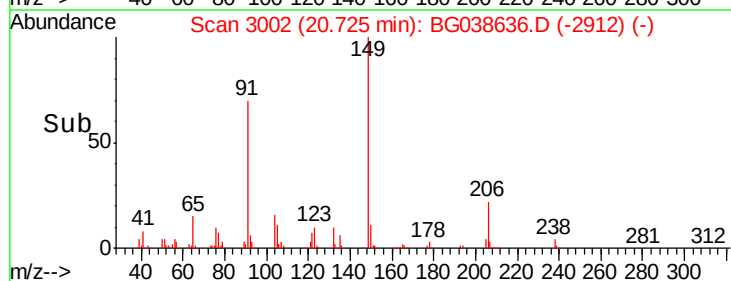
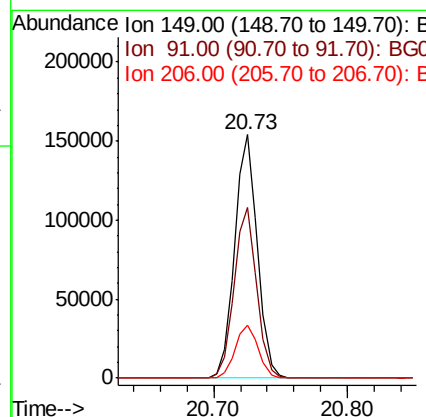
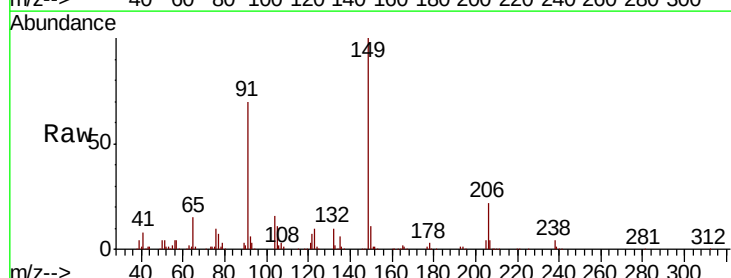
Manual Integrations  
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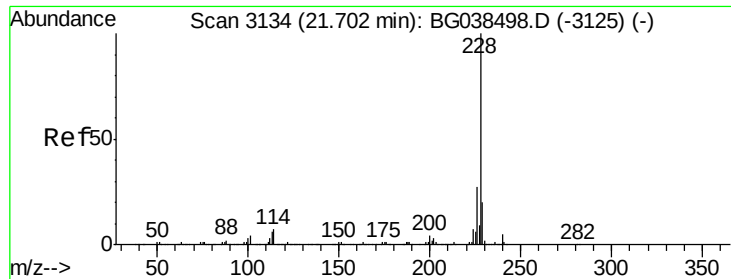
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 12/17/2018 4:13:59 PM



#80  
 Butylbenzylphthalate  
 Concen: 40.263 ng  
 RT: 20.73 min Scan# 3002  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.0  | 54.5  | 81.7  |
| 206     | 22.0  | 19.0  | 28.6  |





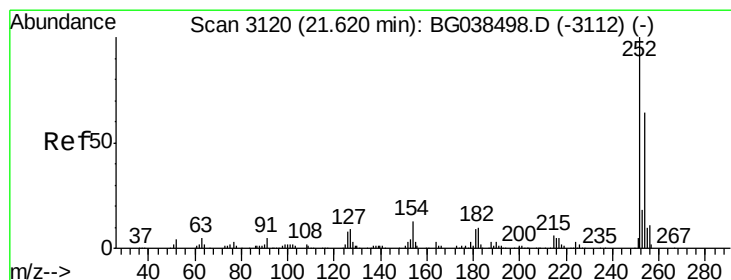
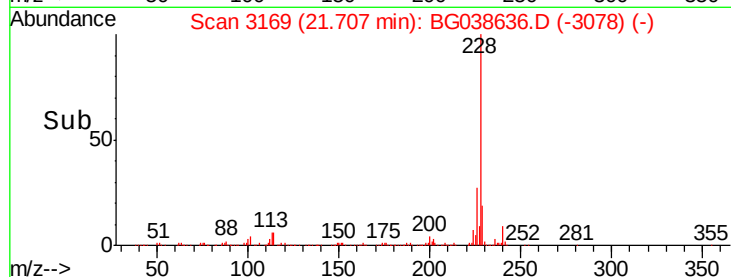
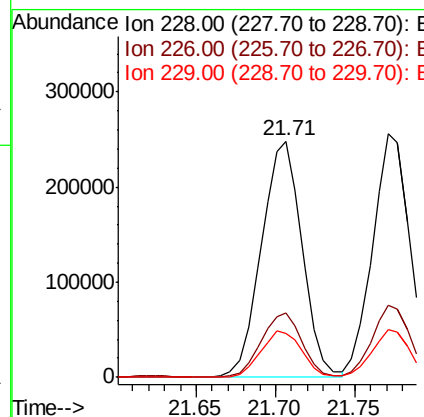
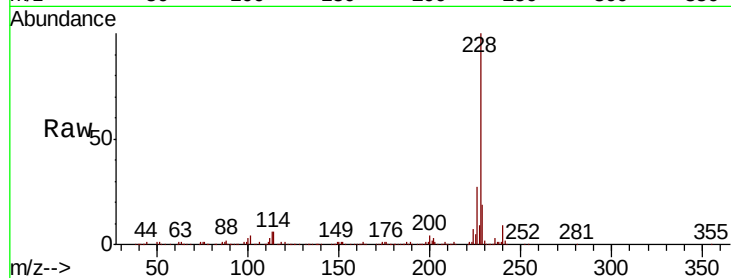
#81  
Benzo(a)anthracene  
Concen: 41.230 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 21.8  | 32.8  |
| 229     | 18.7  | 15.8  | 23.6  |

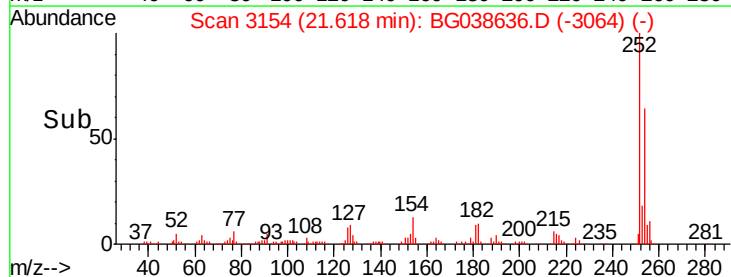
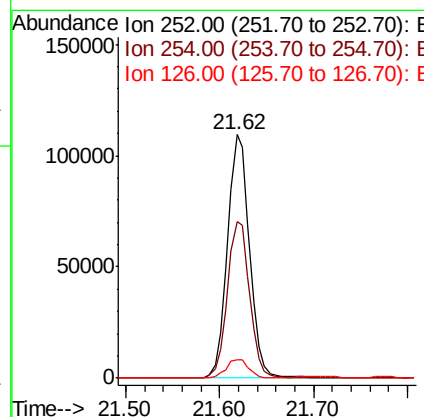
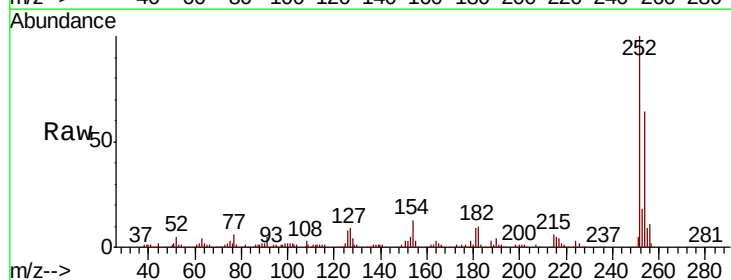
Manual Integrations  
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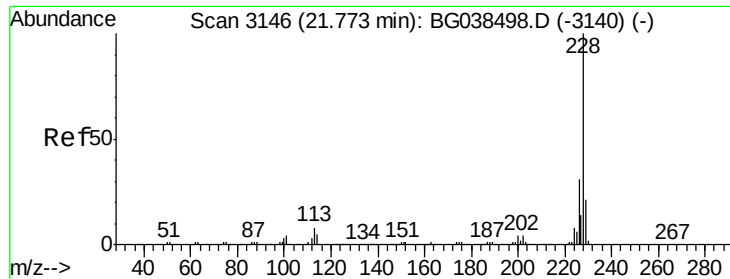
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12/17/2018 4:13:59 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 41.878 ng  
RT: 21.62 min Scan# 3154  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 50.9  | 76.3  |
| 126     | 7.6   | 6.3   | 9.5   |





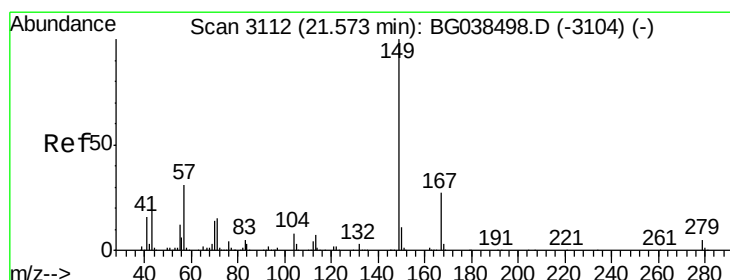
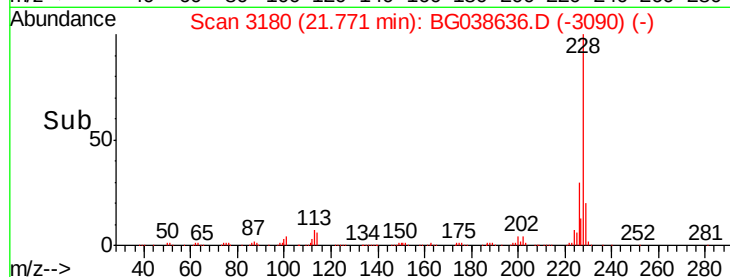
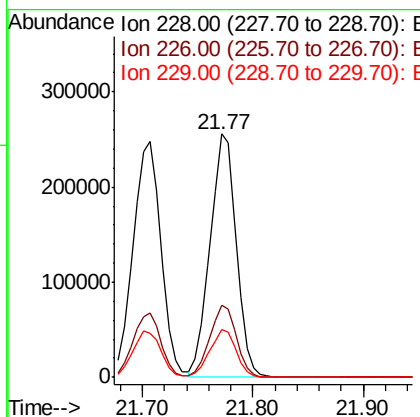
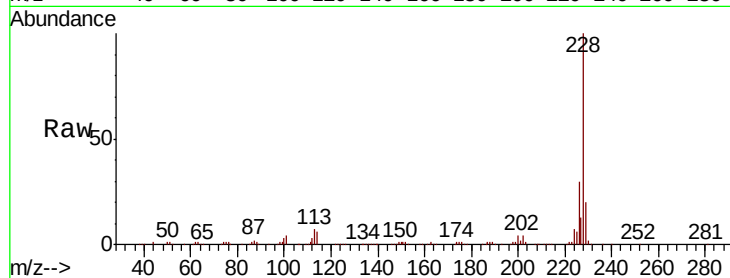
#83  
 Chrysene  
 Concen: 40.425 ng  
 RT: 21.77 min Scan# 3180  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 25.0  | 37.4  |
| 229     | 19.9  | 16.5  | 24.7  |

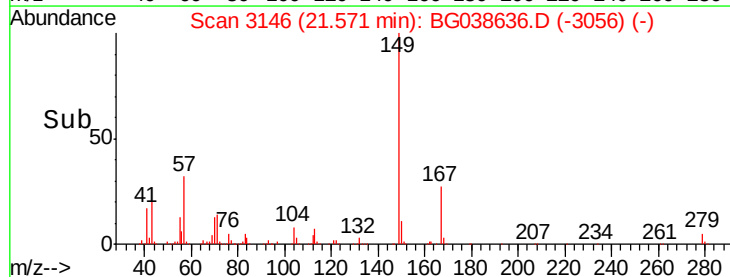
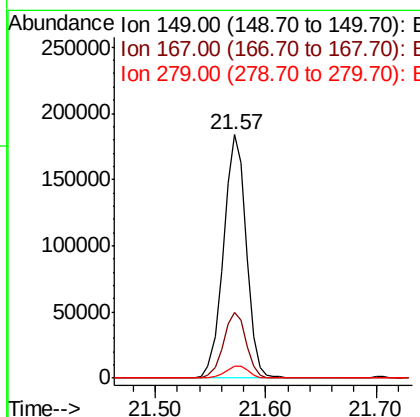
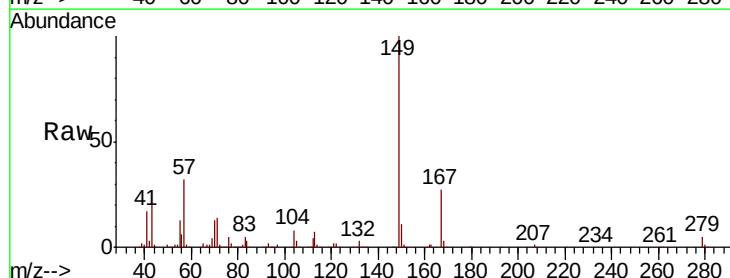
Manual Integrations  
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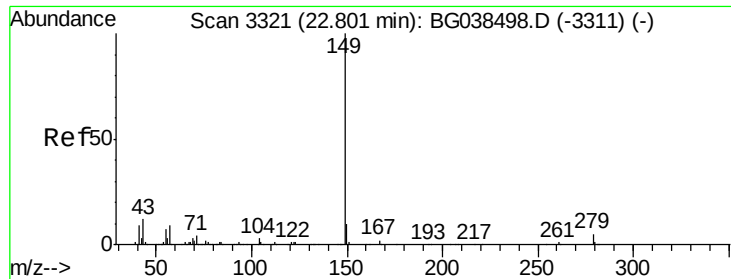
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.112 ng  
 RT: 21.57 min Scan# 3146  
 Delta R.T. -0.00 min  
 Lab File: BG038636.D  
 Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 21.9  | 32.9  |
| 279     | 4.9   | 4.2   | 6.2   |





#85

Di-n-octyl phthalate

Concen: 41.444 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

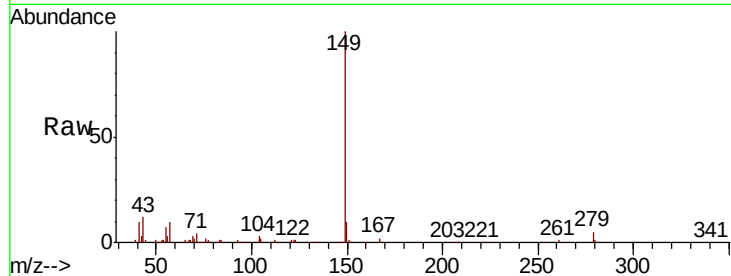
ClientSampleId :

SSTDCCC040

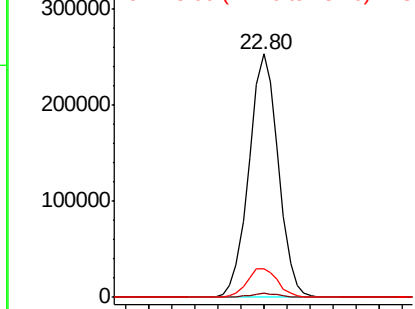
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 447542 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 12.5  | 9.3   | 13.9   |

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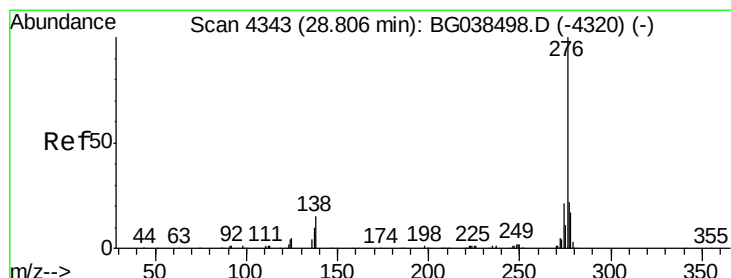
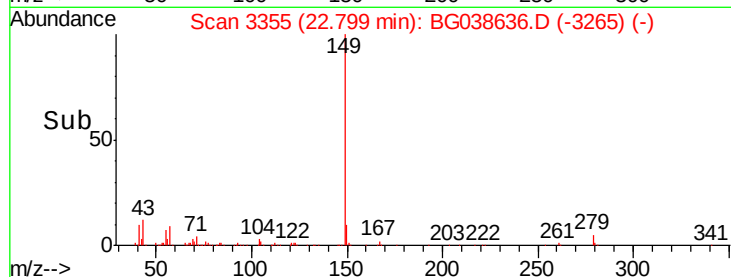
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.936 ng

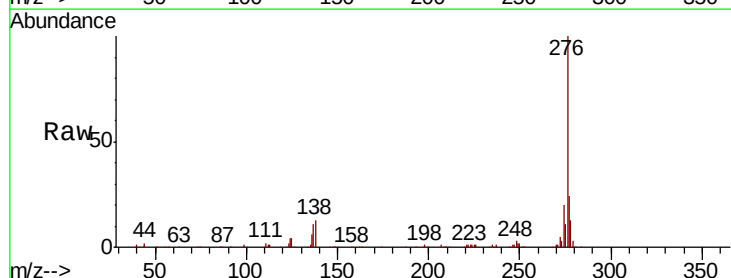
RT: 28.80 min Scan# 4377

Delta R.T. -0.00 min

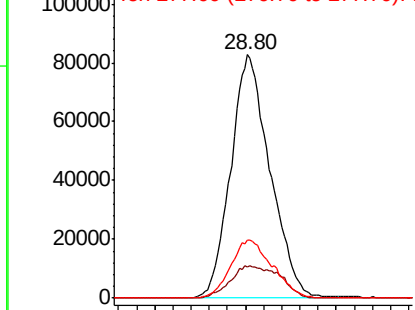
Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

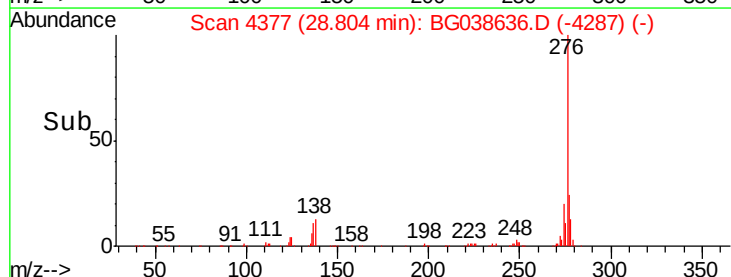
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 497570 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 16.7  | 14.4  | 21.6   |
| 277       | 25.3  | 0.0   | 0.0#   |

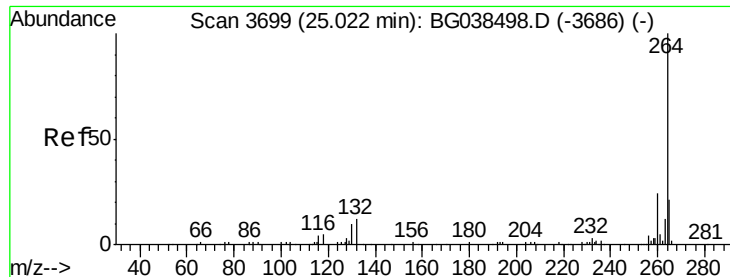


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

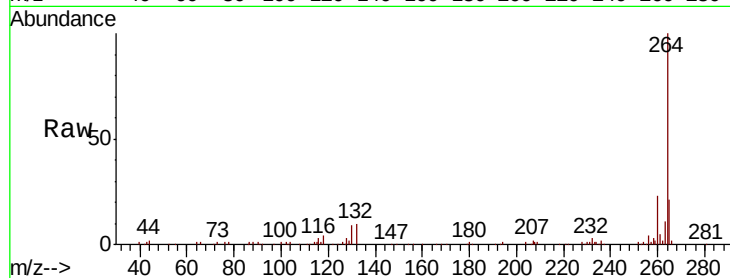
ClientSampleId :

SSTDCCC040

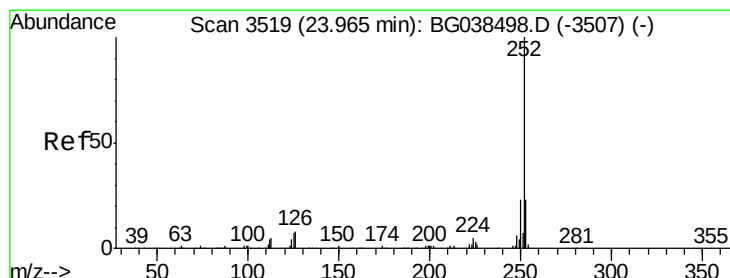
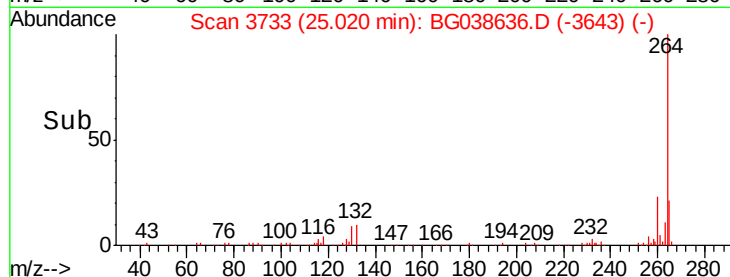
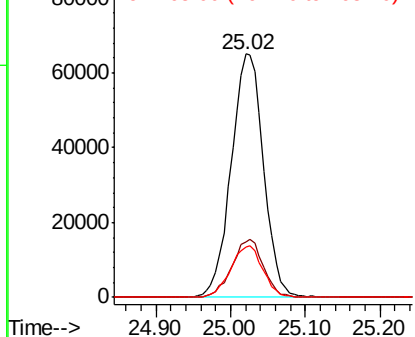
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 194916 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 22.9 | 18.9  | 28.3   |
| 265       | 20.8 | 17.0  | 25.4   |

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



#88

Benzo(b)fluoranthene

Concen: 39.910 ng

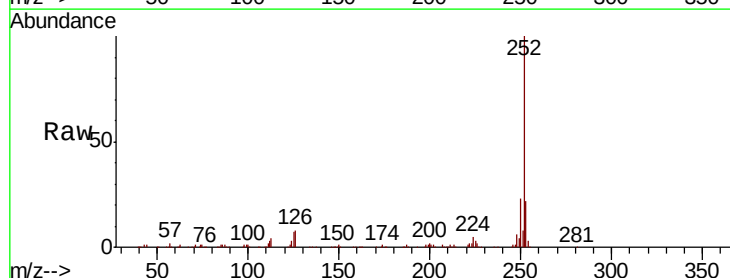
RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

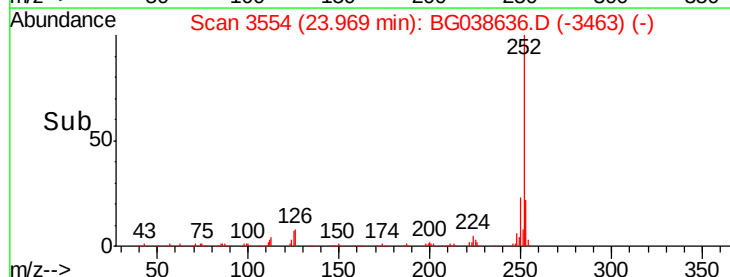
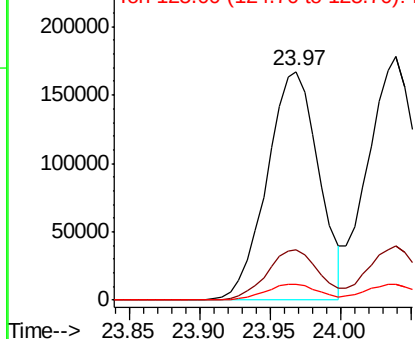
Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

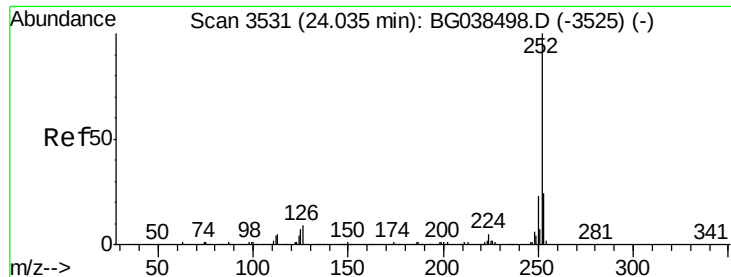
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 427100 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.9 | 18.1  | 27.1   |
| 125       | 6.7  | 5.5   | 8.3    |



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







#89

Benzo(k)fluoranthene

Concen: 40.749 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

Instrument :

BNA\_G

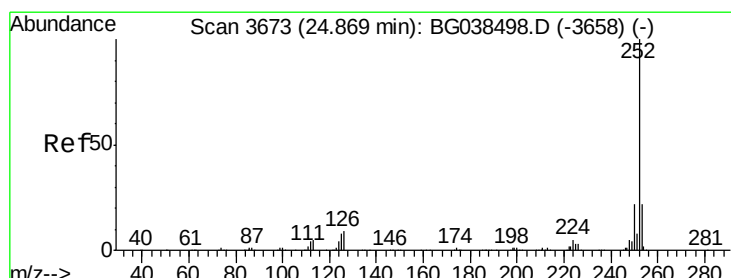
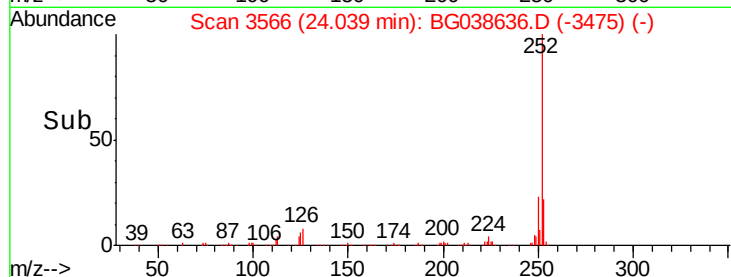
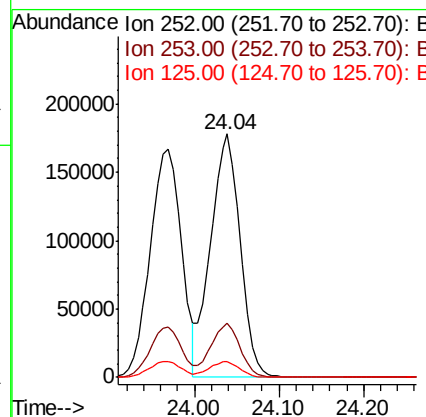
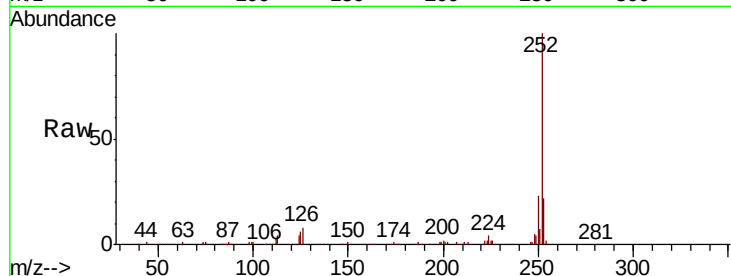
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 434243 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 18.9  | 28.3   |
| 125       | 6.4   | 5.4   | 8.2    |

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#90

Benzo(a)pyrene

Concen: 40.687 ng

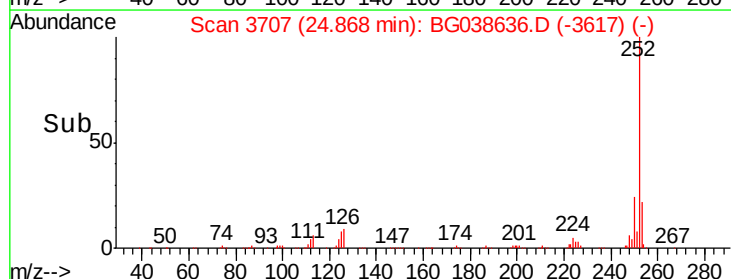
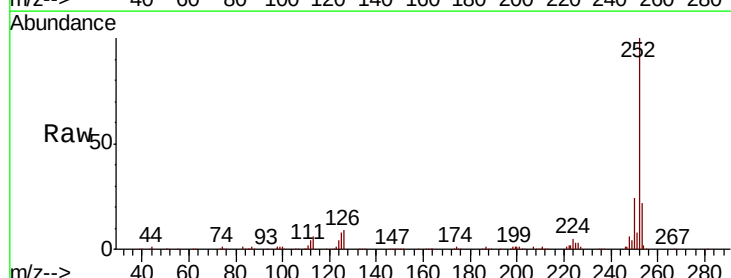
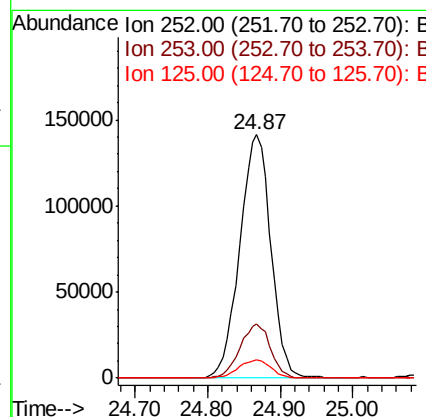
RT: 24.87 min Scan# 3707

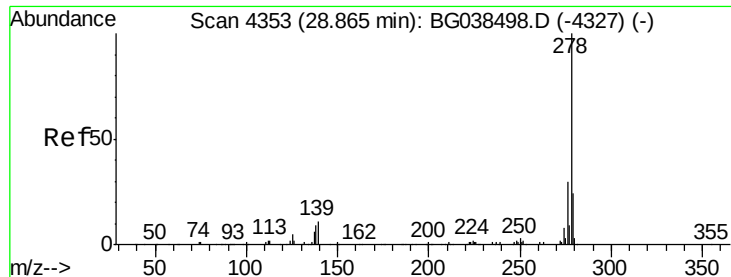
Delta R.T. -0.00 min

Lab File: BG038636.D

Acq: 16 Dec 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 420065 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.4  | 26.0   |
| 125       | 7.5   | 6.4   | 9.6    |





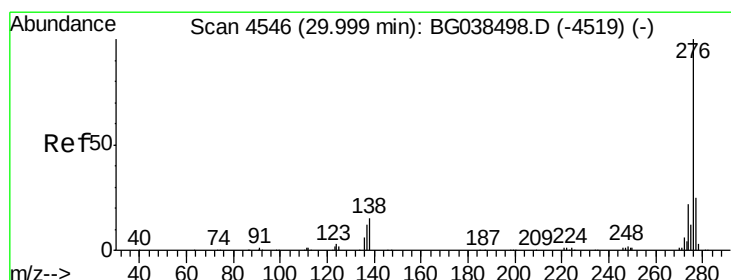
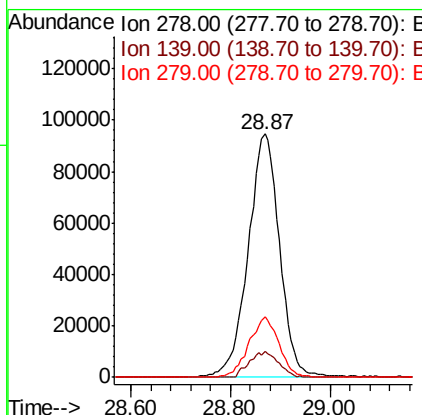
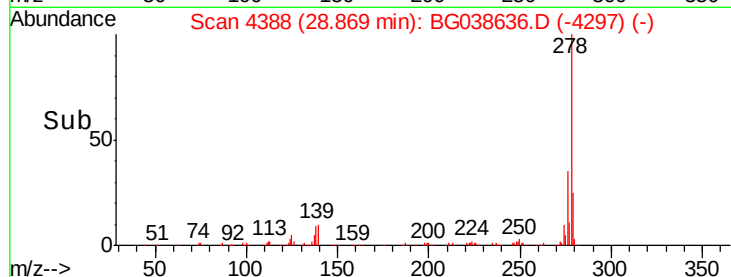
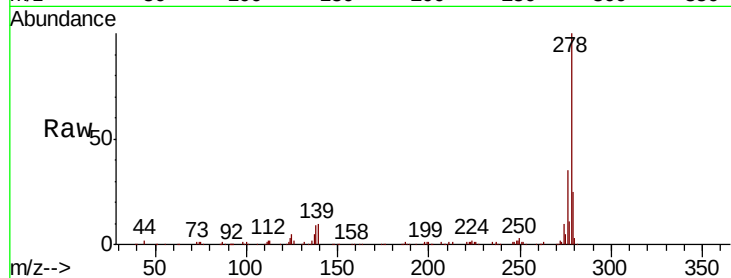
#91  
Dibenzo(a,h)anthracene  
Concen: 40.356 ng  
RT: 28.87 min Scan# 4388  
Delta R.T. 0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.5  | 8.6   | 12.8  |
| 279     | 24.7  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 40.456 ng  
RT: 30.00 min Scan# 4580  
Delta R.T. -0.00 min  
Lab File: BG038636.D  
Acq: 16 Dec 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 19.8  | 29.8  |
| 138     | 14.0  | 11.8  | 17.6  |

