

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\  
 Data File : BG033747.D  
 Acq On : 11 Apr 2018 16:16  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 4/12/2018 2:35:30 PM

Quant Time: Apr 12 01:39:15 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 10 16:51:36 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.87  | 152  | 32763    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.74 | 136  | 151083   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.48 | 164  | 115631   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.20 | 188  | 315705   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.55 | 240  | 319896   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.30 | 264  | 351307   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 6.28  | 112 | 144161  | 82.51 | ng | 0.00 |
| 7) Phenol-d6             | 7.97  | 99  | 250712  | 83.51 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.06 | 82  | 257860  | 78.41 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 131057  | 75.78 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.10 | 172 | 622501  | 77.72 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.72 | 244 | 1121633 | 74.98 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.92  | 88  | 34159  | 38.497 | ng | 91     |
| 3) Pyridine                    | 4.39  | 79  | 93582  | 38.152 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 4.30  | 42  | 44853  | 44.559 | ng | # 93   |
| 6) Aniline                     | 8.15  | 93  | 148347 | 42.019 | ng | # 91   |
| 8) 2-Chlorophenol              | 8.40  | 128 | 82619  | 41.362 | ng | 96     |
| 9) Benzaldehyde                | 7.96  | 77  | 62897m | 32.967 | ng |        |
| 10) Phenol                     | 8.00  | 94  | 128379 | 43.312 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 8.24  | 93  | 99412  | 41.090 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.74  | 146 | 102788 | 39.360 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.89  | 146 | 104554 | 39.977 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 9.22  | 146 | 103063 | 40.376 | ng | 95     |
| 15) Benzyl Alcohol             | 9.09  | 79  | 97789  | 41.372 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.38  | 45  | 168992 | 42.847 | ng | 90     |
| 17) 2-Methylphenol             | 9.29  | 107 | 83587  | 41.396 | ng | # 93   |
| 18) Hexachloroethane           | 9.97  | 117 | 40308  | 39.932 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 9.66  | 70  | 94747  | 43.070 | ng | 98     |
| 20) 3+4-Methylphenols          | 9.62  | 107 | 126908 | 44.143 | ng | 91     |
| 22) Acetophenone               | 9.70  | 105 | 162256 | 39.200 | ng | # 95   |
| 24) Nitrobenzene               | 10.10 | 77  | 141056 | 40.075 | ng | 91     |
| 25) Isophorone                 | 10.62 | 82  | 261761 | 41.013 | ng | 98     |
| 26) 2-Nitrophenol              | 10.83 | 139 | 54939  | 41.228 | ng | 88     |
| 27) 2,4-Dimethylphenol         | 10.86 | 122 | 79539  | 41.088 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 11.10 | 93  | 121576 | 38.178 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 11.37 | 162 | 96342  | 40.468 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 11.59 | 180 | 114858 | 37.134 | ng | 93     |
| 31) Naphthalene                | 11.79 | 128 | 309442 | 39.524 | ng | 98     |
| 32) Benzoic acid               | 11.00 | 122 | 58913m | 32.737 | ng |        |
| 33) 4-Chloroaniline            | 11.89 | 127 | 136985 | 39.053 | ng | # 92   |
| 34) Hexachlorobutadiene        | 12.05 | 225 | 86011  | 36.771 | ng | 96     |
| 35) Caprolactam                | 12.63 | 113 | 44093  | 47.276 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.95 | 107 | 125120 | 40.296 | ng | 95     |
| 37) 2-Methylnaphthalene        | 13.34 | 142 | 234001 | 38.508 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.69 | 216 | 155658 | 37.163 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 13.67 | 237 | 102278 | 41.655 | ng | 91     |

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 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

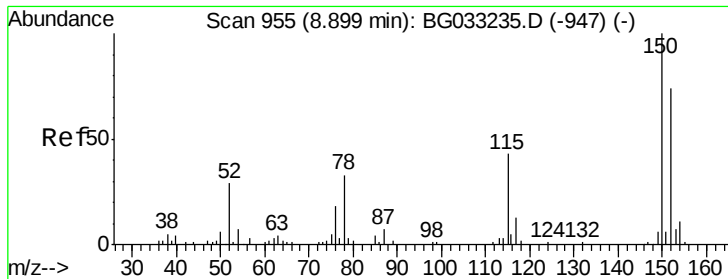
Sohil  
 4/12/2018 2:35:30 PM

Quant Time: Apr 12 01:39:15 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.92 | 196  | 96423    | 39.623 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 14.00 | 196  | 110668   | 38.474 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 14.31 | 154  | 346158   | 38.966 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 14.37 | 162  | 271024   | 39.567 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.56 | 65   | 111070   | 43.292 | nq    | 92       |
| 48) Acenaphthylene             | 15.20 | 152  | 457790   | 40.039 | nq    | 99       |
| 49) Dimethylphthalate          | 14.90 | 163  | 406266   | 40.372 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 15.03 | 165  | 84739    | 41.183 | nq    | 99       |
| 51) Acenaphthene               | 15.54 | 154  | 305848   | 41.496 | nq    | 95       |
| 52) 3-Nitroaniline             | 15.37 | 138  | 86640    | 40.163 | nq #  | 94       |
| 53) 2,4-Dinitrophenol          | 15.57 | 184  | 46990    | 47.529 | nq #  | 82       |
| 54) Dibenzofuran               | 15.86 | 168  | 429602   | 39.459 | nq    | 91       |
| 55) 4-Nitrophenol              | 15.66 | 139  | 59861    | 39.463 | nq #  | 81       |
| 56) 2,4-Dinitrotoluene         | 15.81 | 165  | 130051   | 42.927 | nq    | 93       |
| 57) Fluorene                   | 16.51 | 166  | 372464   | 40.157 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.08 | 232  | 101220m  | 37.380 | nq    |          |
| 59) Diethylphthalate           | 16.24 | 149  | 402780   | 41.220 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 16.48 | 204  | 206657   | 38.760 | nq    | 98       |
| 61) 4-Nitroaniline             | 16.53 | 138  | 93426    | 42.767 | nq #  | 80       |
| 62) Azobenzene                 | 16.77 | 77   | 387135   | 40.899 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.57 | 198  | 71626    | 37.925 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.70 | 169  | 344453   | 38.218 | nq    | 94       |
| 66) 4-Bromophenyl-phenylether  | 17.37 | 248  | 134736   | 36.340 | nq    | 90       |
| 67) Hexachlorobenzene          | 17.51 | 284  | 146331   | 37.397 | nq    | 94       |
| 68) Atrazine                   | 17.61 | 200  | 135622   | 37.134 | nq    | 98       |
| 69) Pentachlorophenol          | 17.84 | 266  | 86475m   | 32.199 | nq    |          |
| 70) Phenanthrene               | 18.25 | 178  | 615246   | 37.419 | nq    | 97       |
| 71) Anthracene                 | 18.34 | 178  | 640657   | 38.483 | nq    | 99       |
| 72) Carbazole                  | 18.59 | 167  | 581561   | 39.422 | nq #  | 97       |
| 73) Di-n-butylphthalate        | 19.09 | 149  | 695531   | 40.506 | nq    | 99       |
| 74) Fluoranthene               | 20.20 | 202  | 779993   | 38.335 | nq    | 97       |
| 76) Benzidine                  | 20.36 | 184  | 295016   | 34.007 | nq    | 98       |
| 77) Pyrene                     | 20.56 | 202  | 805802   | 37.769 | nq    | 100      |
| 79) Butylbenzylphthalate       | 21.41 | 149  | 319852   | 40.626 | nq    | 97       |
| 80) Benzo(a)anthracene         | 22.53 | 228  | 773858   | 37.991 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.41 | 252  | 293089   | 40.434 | nq #  | 98       |
| 82) Chrysene                   | 22.60 | 228  | 759993   | 38.543 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.34 | 149  | 447958   | 41.274 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 23.74 | 149  | 717920   | 43.203 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 30.66 | 276  | 879039   | 41.233 | nq #  | 86       |
| 87) Benzo(b)fluoranthene       | 25.10 | 252  | 762784   | 37.582 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 25.18 | 252  | 761413m  | 37.092 | nq    |          |
| 89) Benzo(a)pyrene             | 26.13 | 252  | 743336   | 38.136 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 30.76 | 278  | 720820   | 39.260 | nq #  | 96       |
| 91) Benzo(g,h,i)perylene       | 32.05 | 276  | 711641   | 39.142 | nq #  | 94       |

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





#1

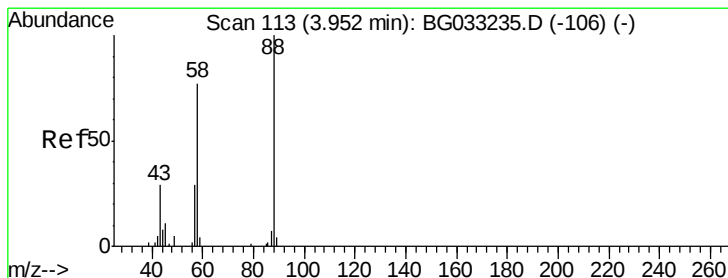
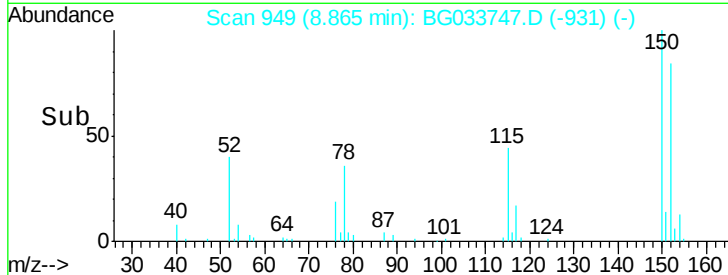
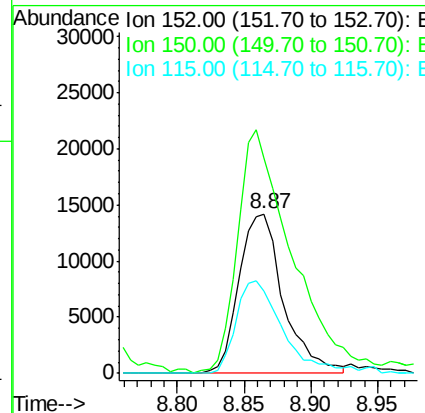
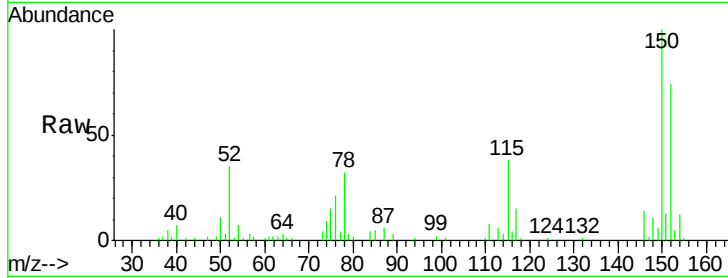
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.87 min Scan# 949  
Delta R.T. 0.01 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 134.9 | 126.6 | 189.8 |
| 115     | 51.9  | 53.0  | 79.4  |

Manual Integrations  
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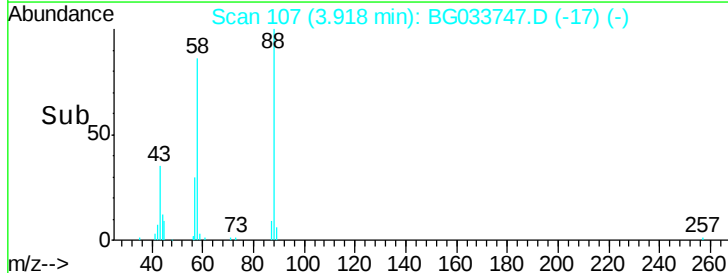
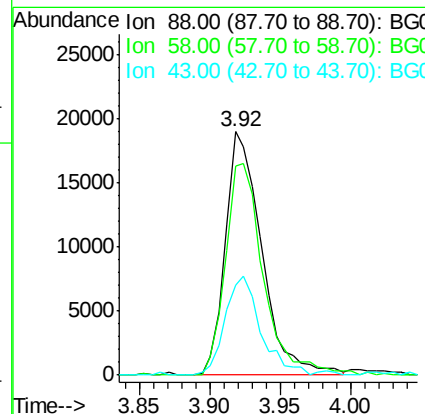
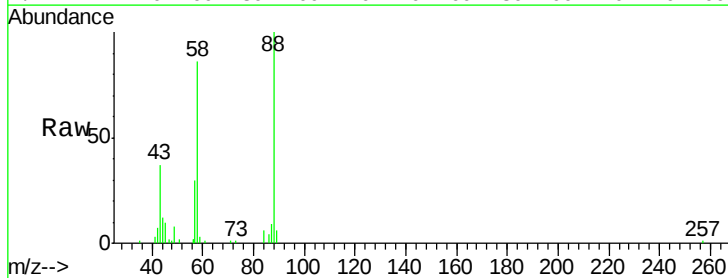
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4/12/2018 2:35:30 PM

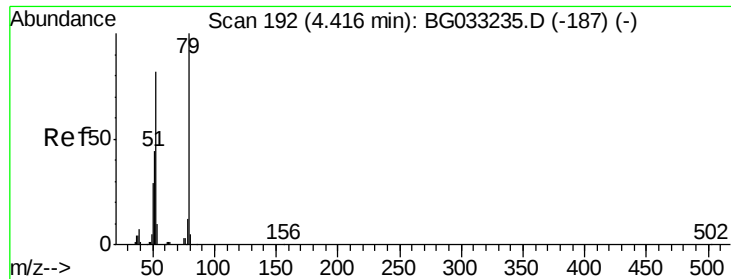


#2

1,4-Dioxane  
Concen: 38.497 ng  
RT: 3.92 min Scan# 107  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.4  | 79.6  | 119.4 |
| 43      | 39.4  | 27.4  | 41.0  |





#3

Pvridine

Concen: 38.152 ng

RT: 4.39 min Scan# 187

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

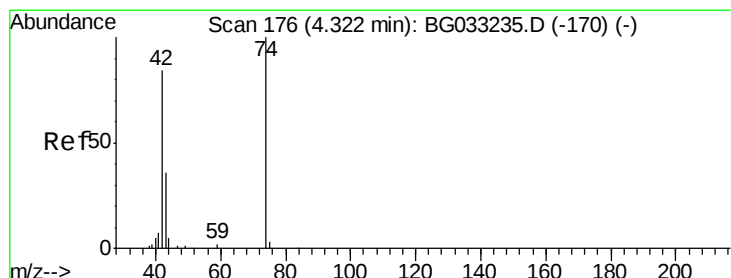
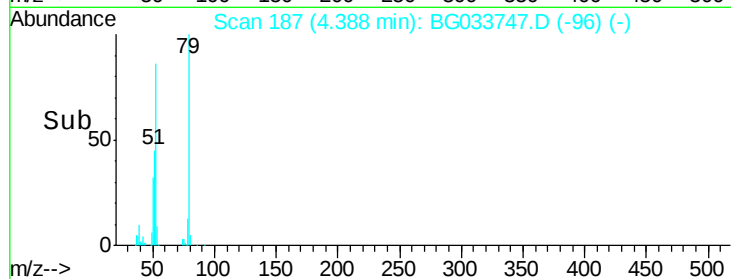
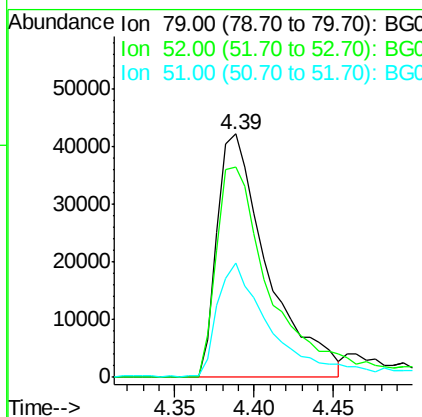
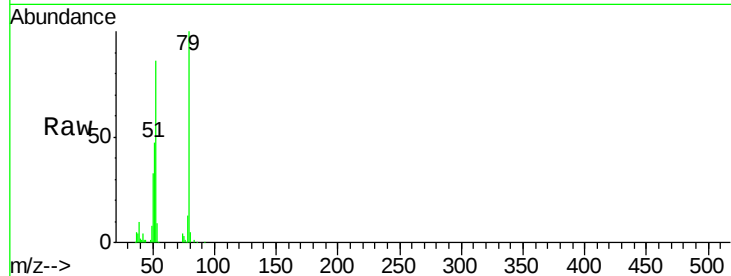
ClientSampleId :

SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 93582 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 86.5  | 69.9  | 104.9 |
| 51       | 46.8  | 34.0  | 51.0  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 44.559 ng

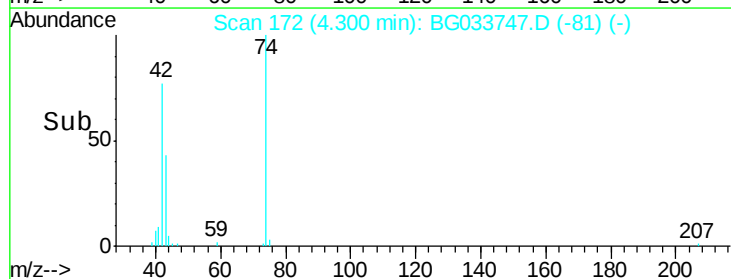
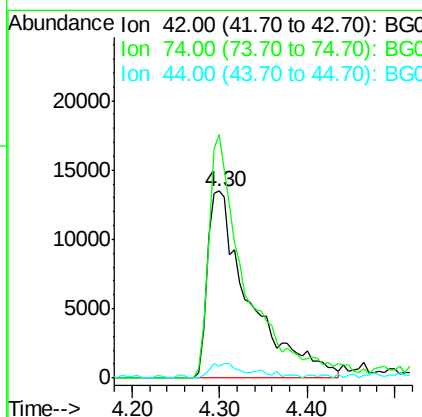
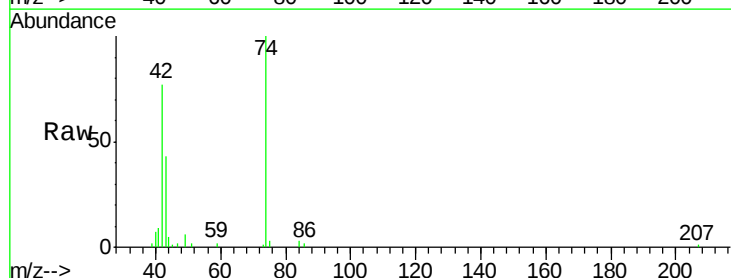
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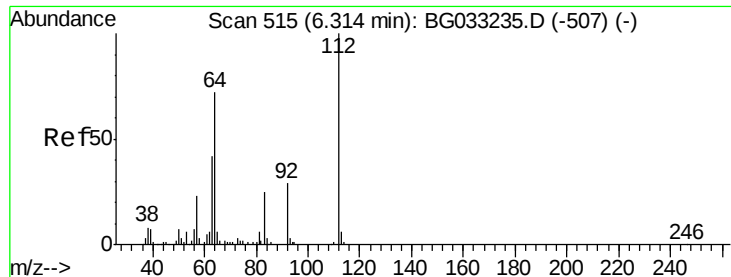
Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 44853 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 130.4 | 102.5 | 153.7 |
| 44       | 6.2   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 82.507 ng

RT: 6.28 min Scan# 509

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

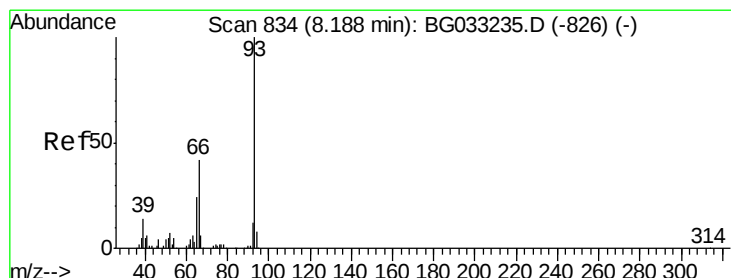
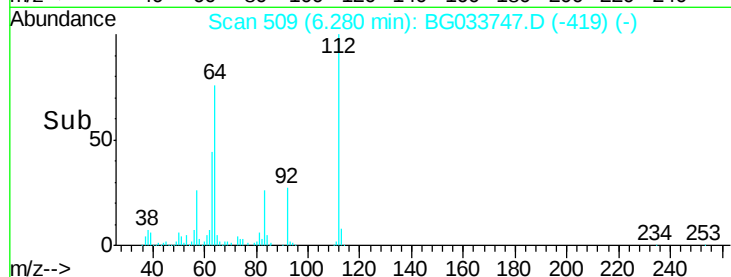
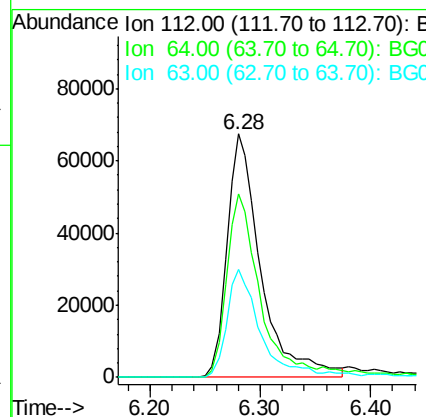
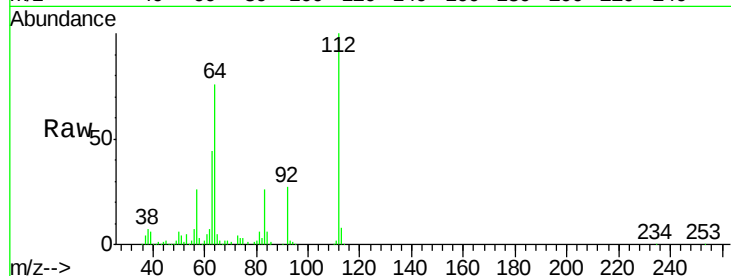
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 144161 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 75.6  | 56.3  | 84.5   |
| 63        | 44.4  | 30.1  | 45.1   |

Manual Integrations  
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#6

Aniline

Concen: 42.019 ng

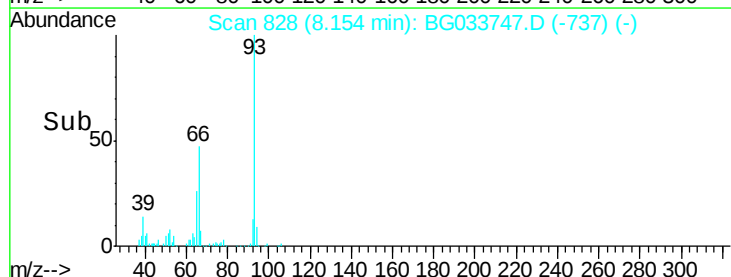
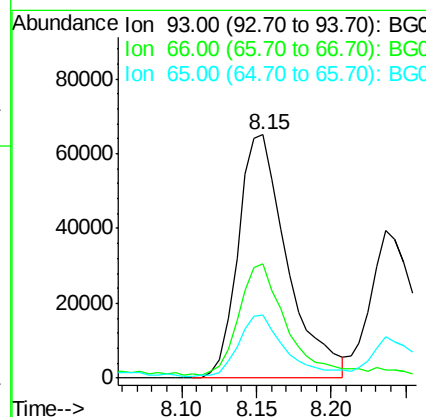
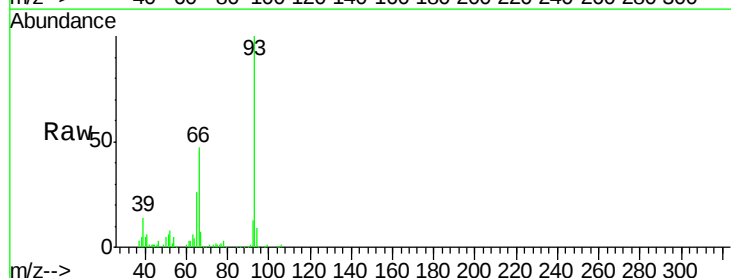
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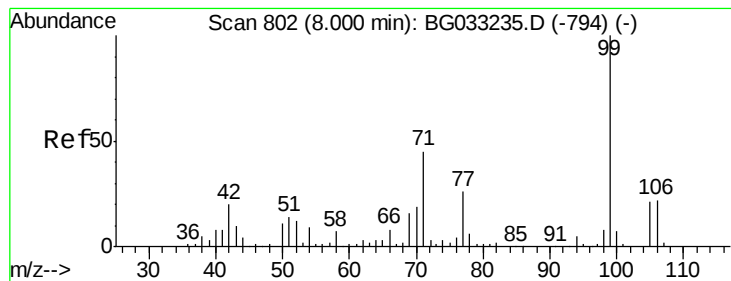
Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 148347 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 46.8  | 33.7  | 50.5   |
| 65        | 25.7  | 16.1  | 24.1#  |





#7

Phenol-d6

Concen: 83.511 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

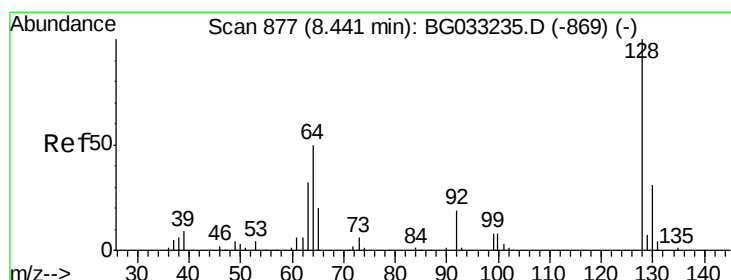
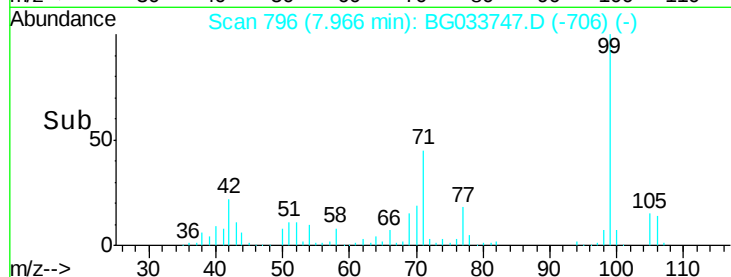
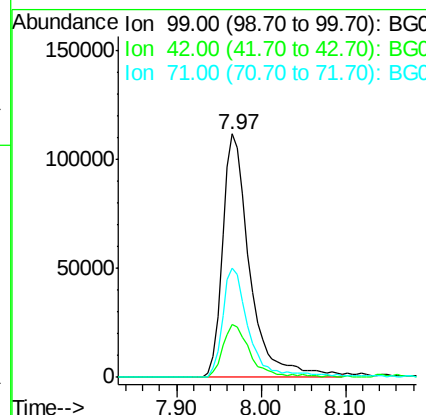
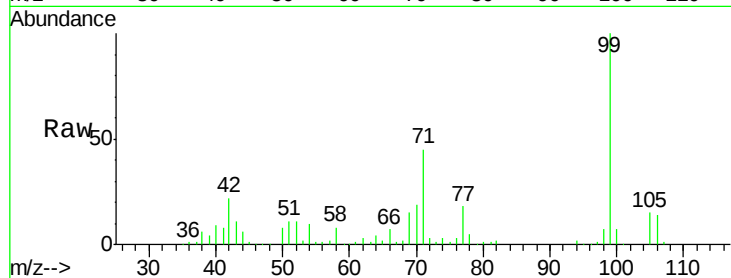
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 250712 |       |       |
| 42      | 21.9 | 14.1  | 21.1#  |       |       |
| 71      | 44.7 | 26.1  | 39.1#  |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.362 ng

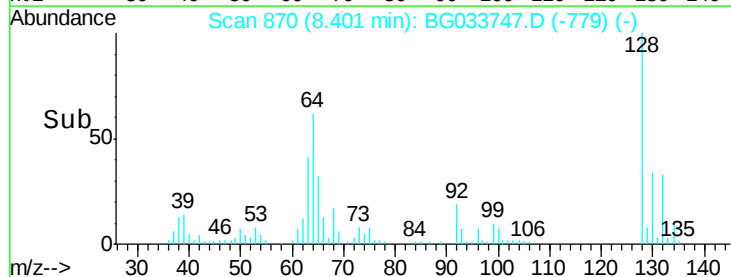
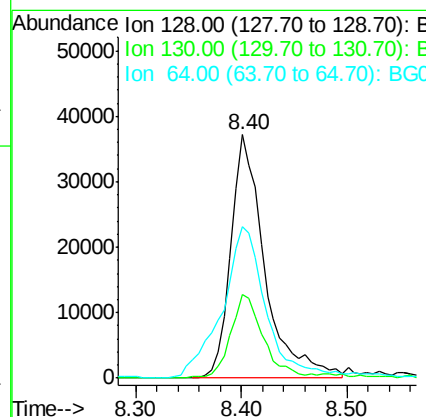
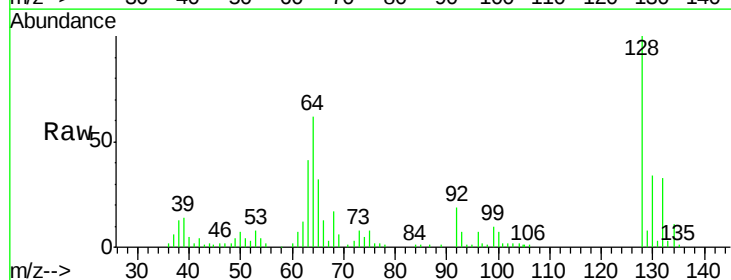
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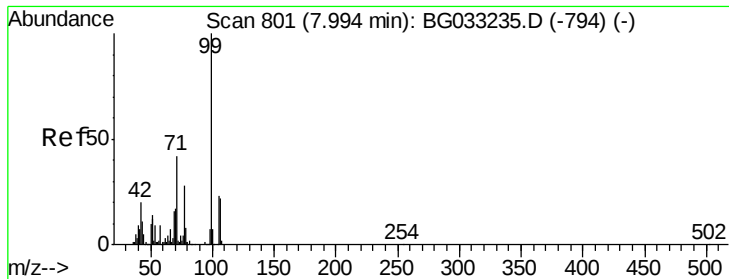
Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 128     | 100  |       | 82619 |       |       |
| 130     | 34.1 | 14.0  | 54.0  |       |       |
| 64      | 62.3 | 37.7  | 77.7  |       |       |





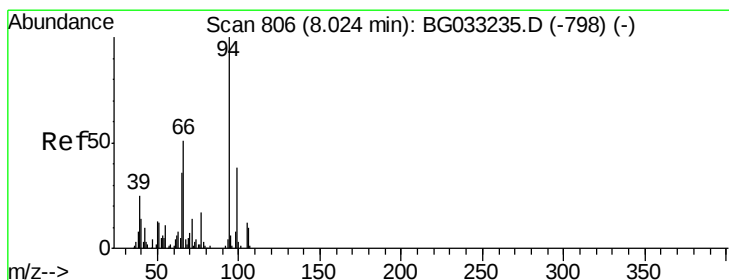
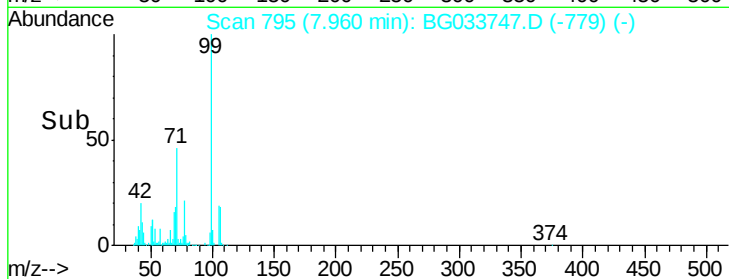
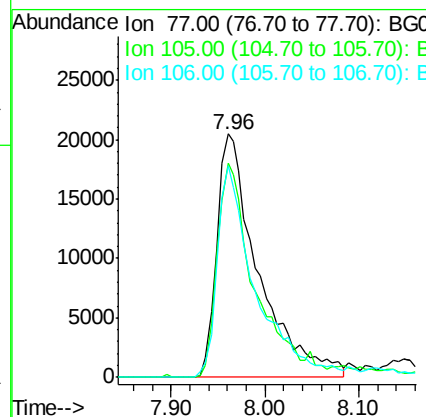
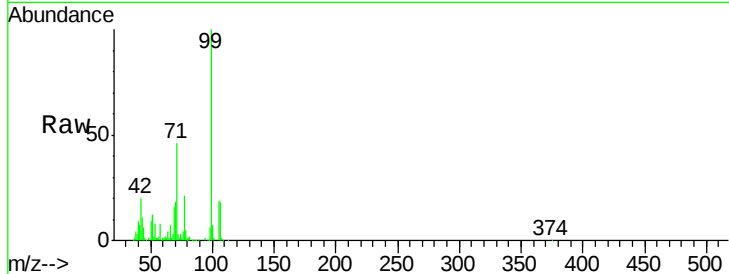
#9  
Benzaldehyde  
Concen: 32.967 ng/ml  
RT: 7.96 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 88.0  | 71.3  | 111.3 |
| 106     | 87.1  | 64.2  | 104.2 |

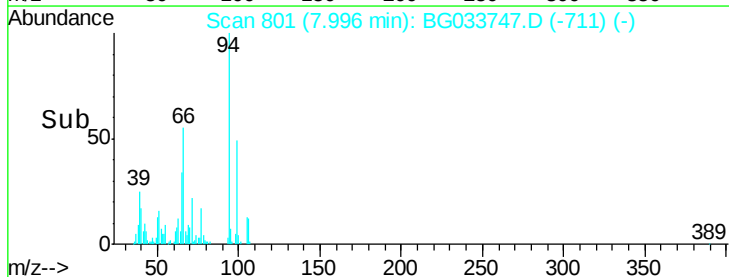
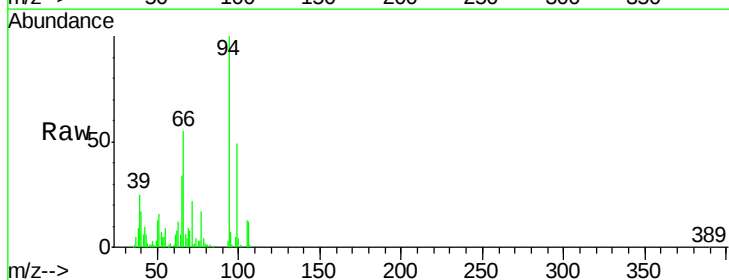
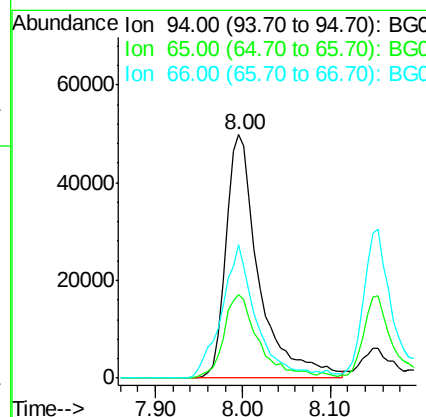
Manual Integrations  
APPROVED

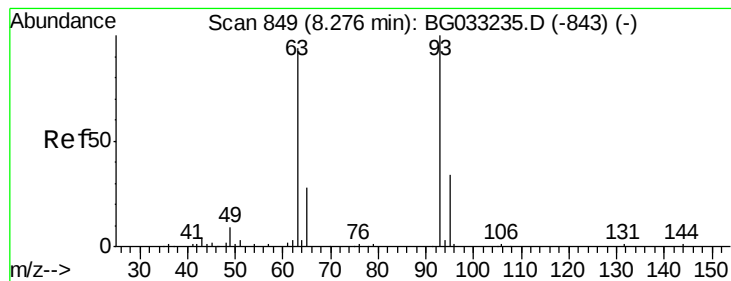
Sohil  
4/12/2018 2:35:30 PM



#10  
Phenol  
Concen: 43.312 ng/ml  
RT: 8.00 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.4  | 11.9  | 51.9  |
| 66      | 55.0  | 22.2  | 62.2  |





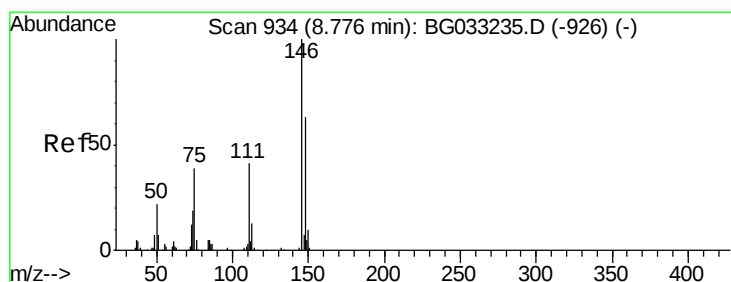
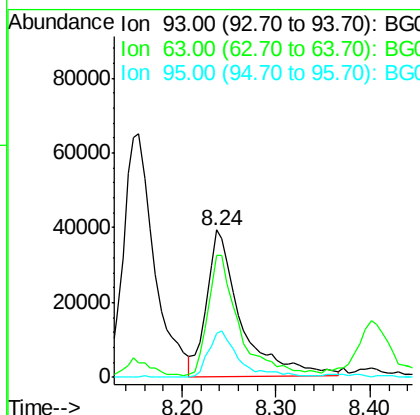
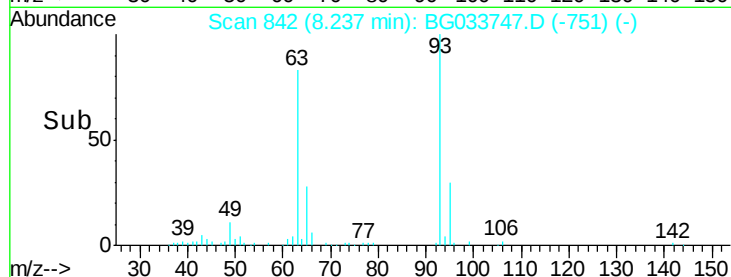
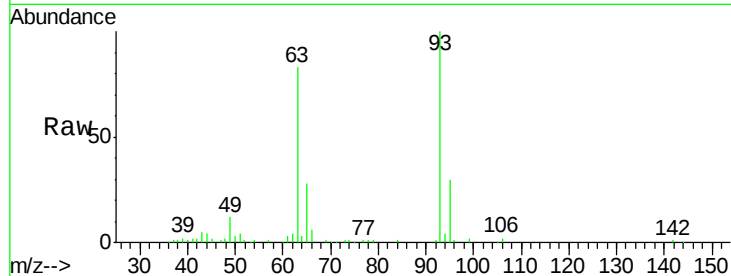
#11  
bis(2-Chloroethyl)ether  
Concen: 41.090 ng  
RT: 8.24 min Scan# 842  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 93 Resp: 99412  
Ion Ratio Lower Upper  
93 100  
63 82.9 67.1 107.1  
95 29.6 11.5 51.5

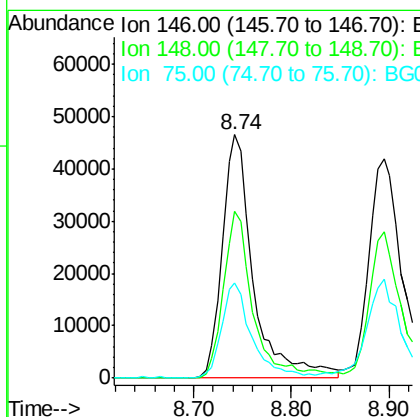
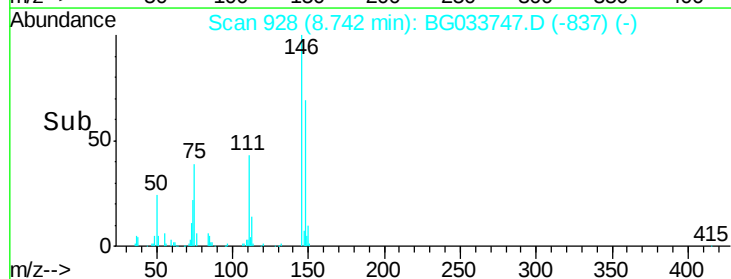
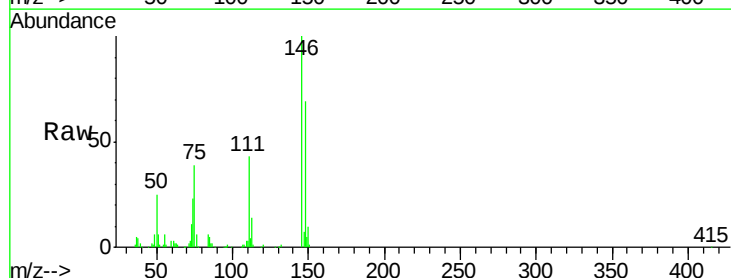
Manual Integrations  
APPROVED

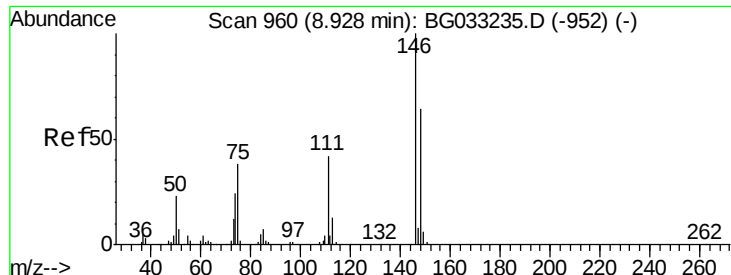
Sohil  
4/12/2018 2:35:30 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.360 ng  
RT: 8.74 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Tgt Ion: 146 Resp: 102788  
Ion Ratio Lower Upper  
146 100  
148 68.5 51.4 77.2  
75 39.3 26.6 39.8





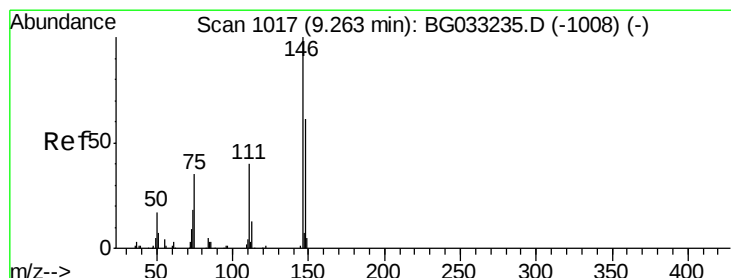
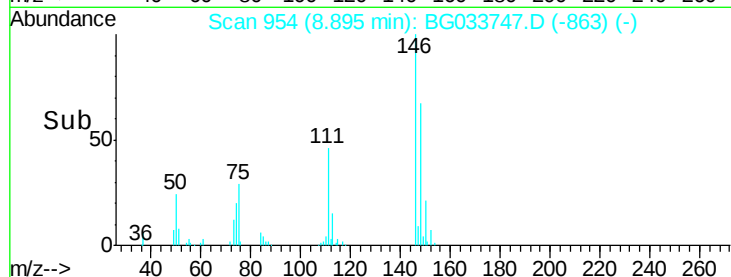
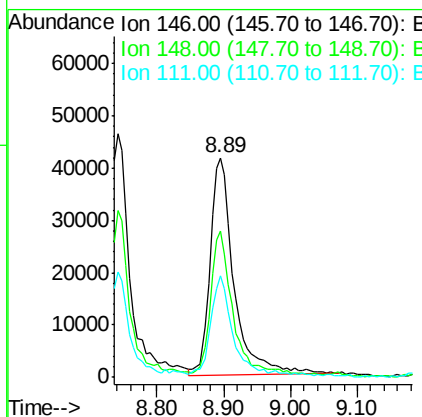
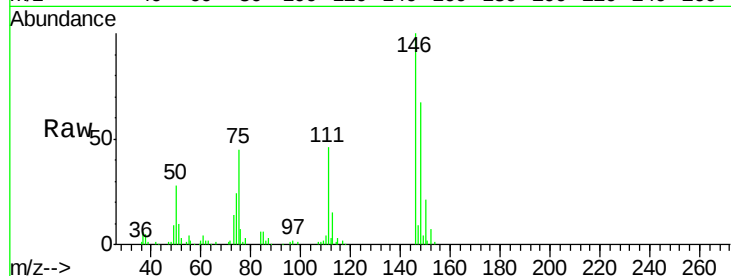
#13  
 1,4-Dichlorobenzene  
 Concen: 39.977 ng  
 RT: 8.89 min Scan# 954  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.7  | 53.7  | 80.5  |
| 111     | 45.9  | 35.2  | 52.8  |

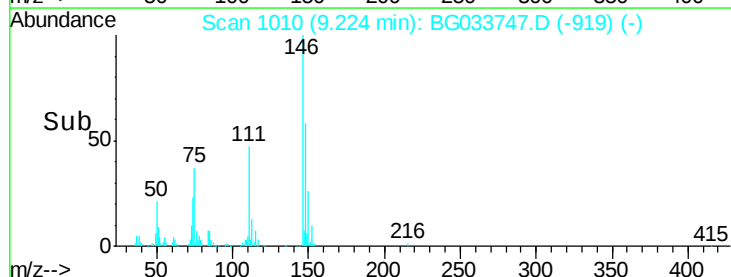
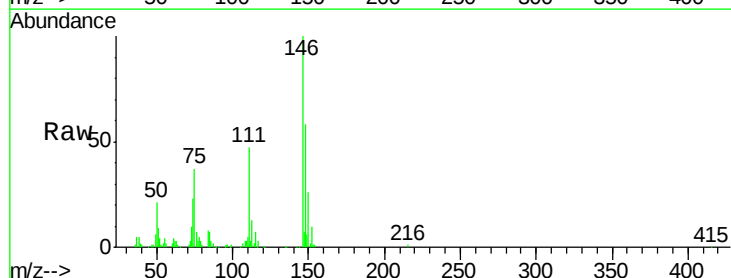
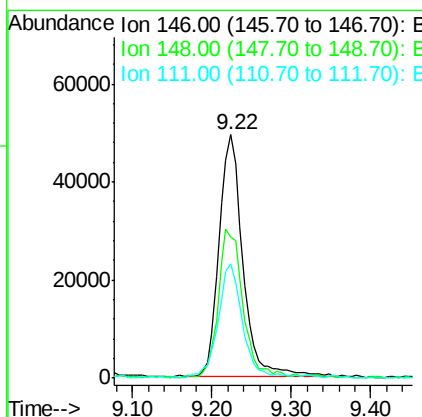
Manual Integrations  
 APPROVED

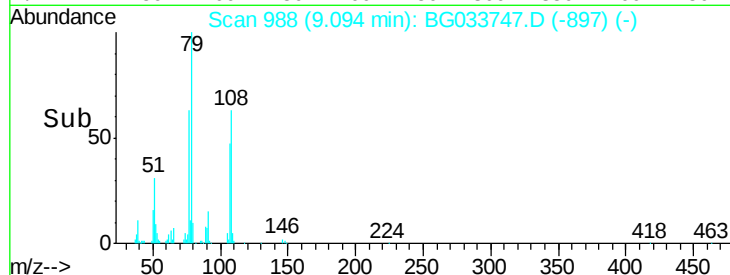
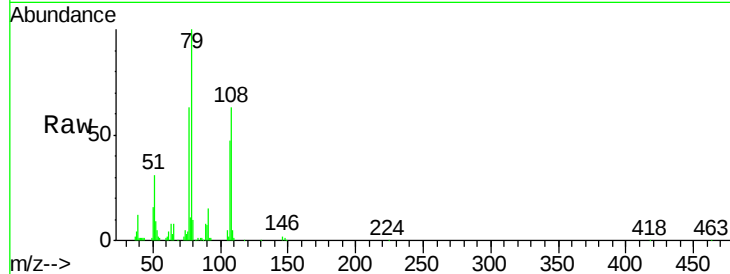
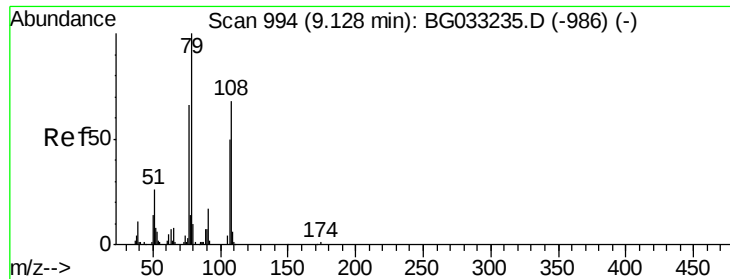
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 4/12/2018 2:35:30 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.376 ng  
 RT: 9.22 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 58.1  | 49.3  | 73.9  |
| 111     | 47.0  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 41.372 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 97789 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 62.8  | 57.2  | 85.8  |
| 77        | 62.9  | 46.1  | 69.1  |

Instrument :

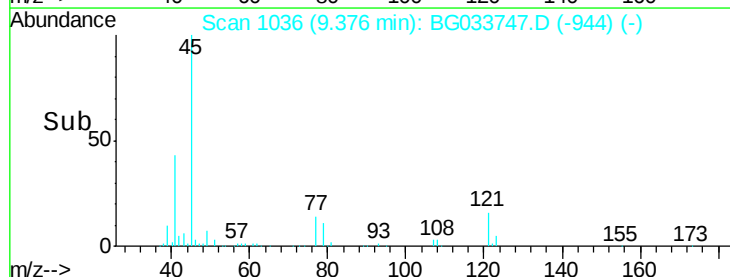
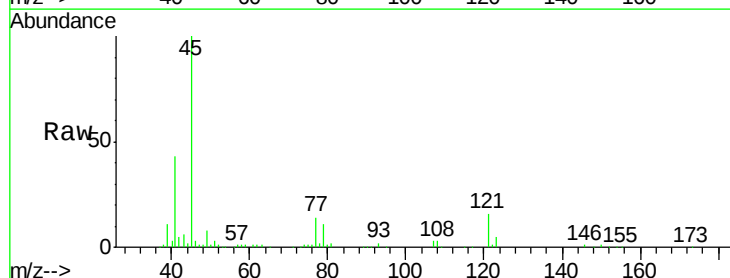
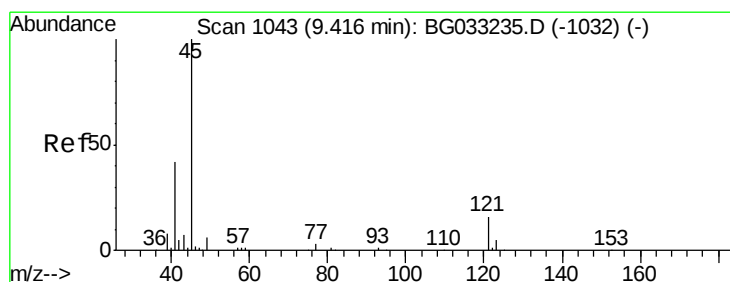
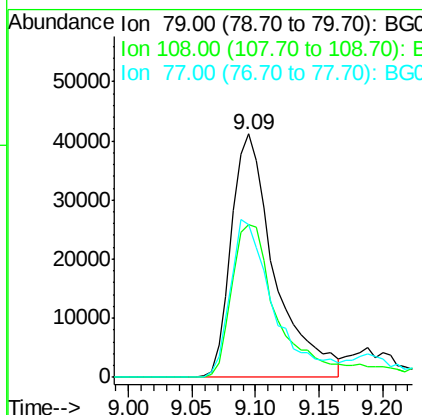
BNA\_G

ClientSampleId :

SSTDCCC040

Manual Integrations  
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.847 ng

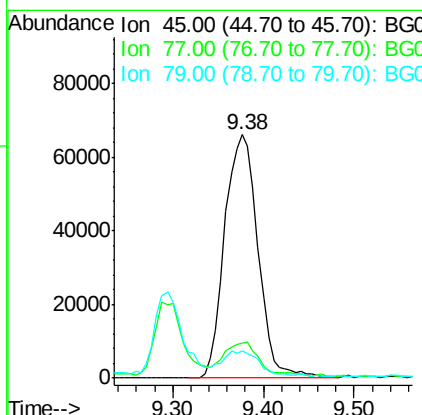
RT: 9.38 min Scan# 1036

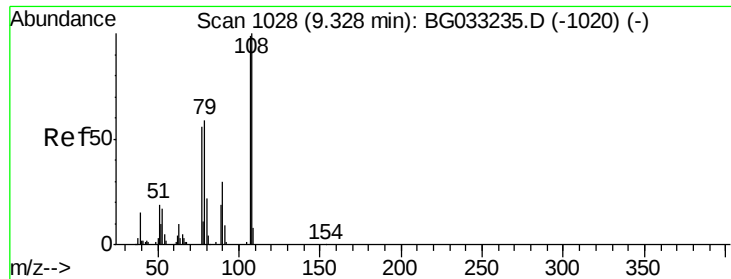
Delta R.T. 0.01 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 168992 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.2  | 0.0   | 30.2   |
| 79        | 11.2  | 0.0   | 27.9   |





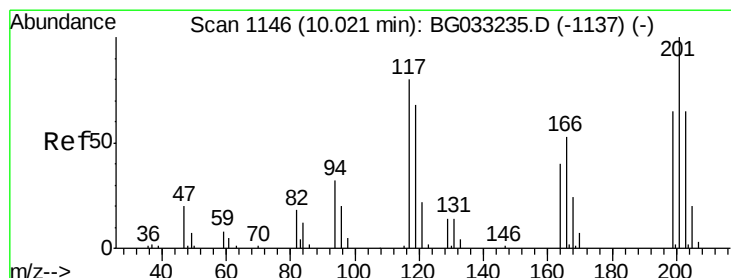
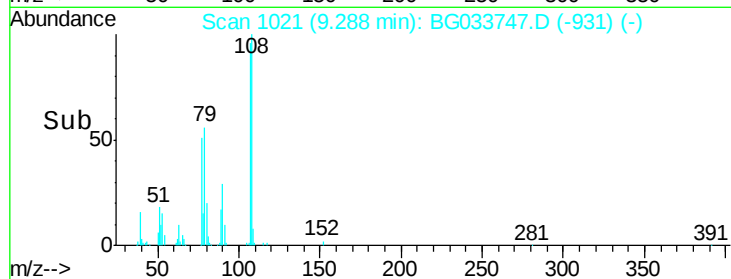
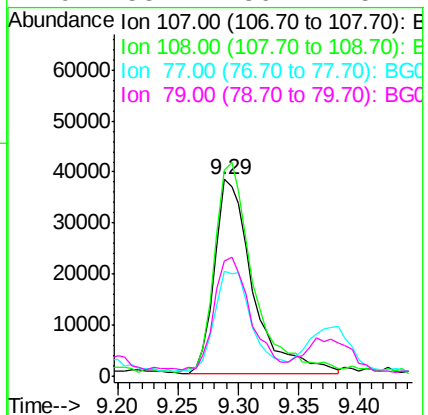
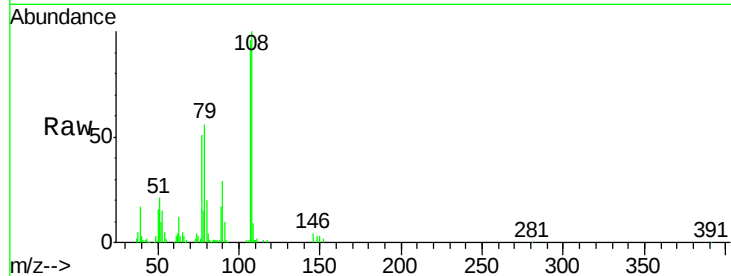
#17  
2-Methylphenol  
Concen: 41.396 ng  
RT: 9.29 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 107   | Resp  | 83587 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 104.7 | 83.9  | 125.9 |
| 77        | 53.5  | 37.2  | 55.8  |
| 79        | 58.4  | 36.2  | 54.2# |

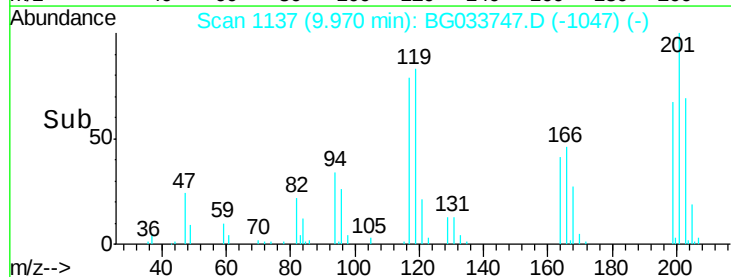
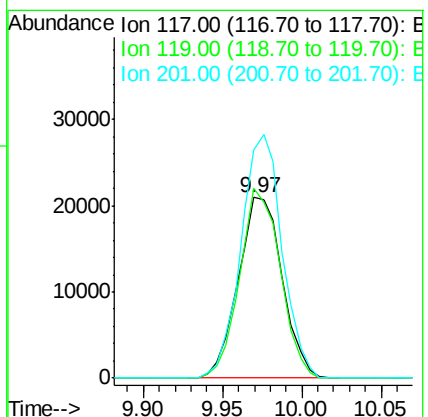
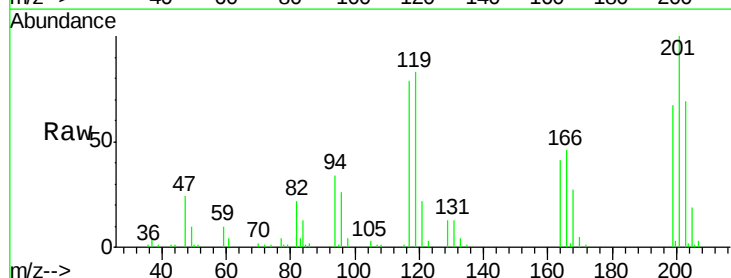
Manual Integrations  
APPROVED

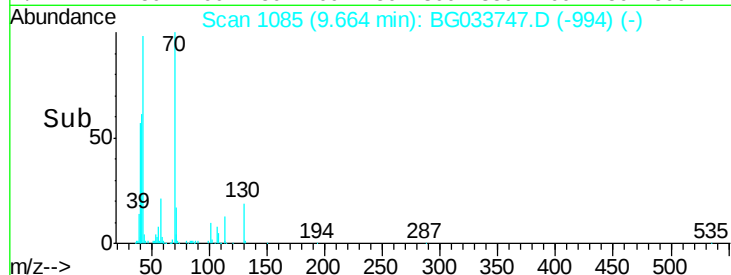
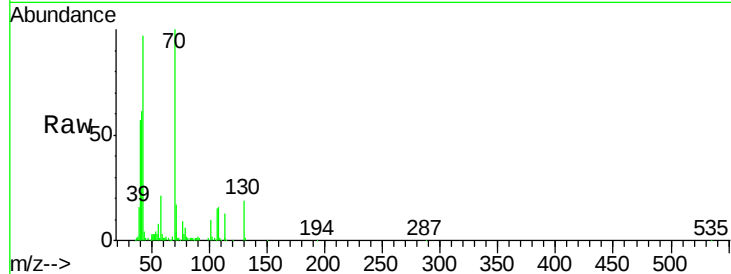
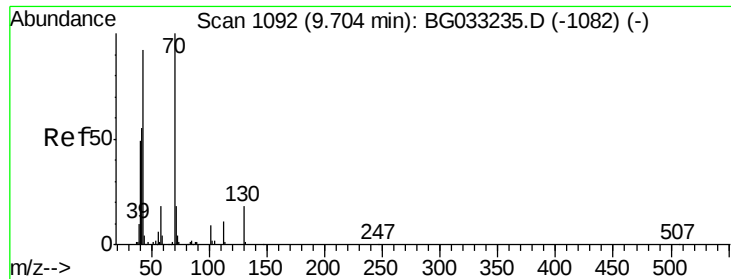
Sohil  
4/12/2018 2:35:30 PM



#18  
Hexachloroethane  
Concen: 39.932 ng  
RT: 9.97 min Scan# 1137  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion   | 117   | Resp  | 40308 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 105.4 | 76.7  | 115.1 |
| 201       | 126.3 | 95.7  | 143.5 |





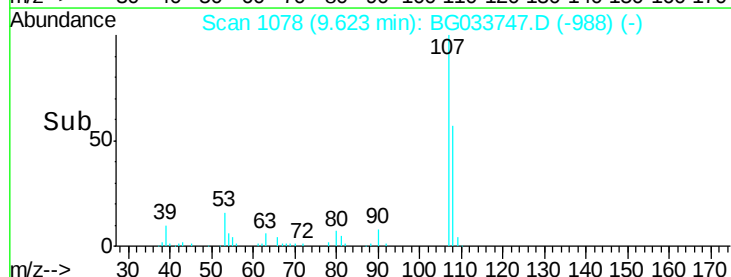
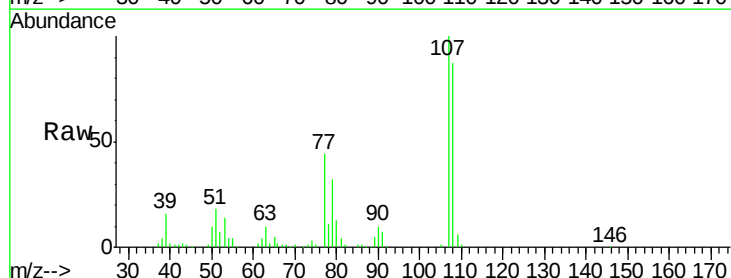
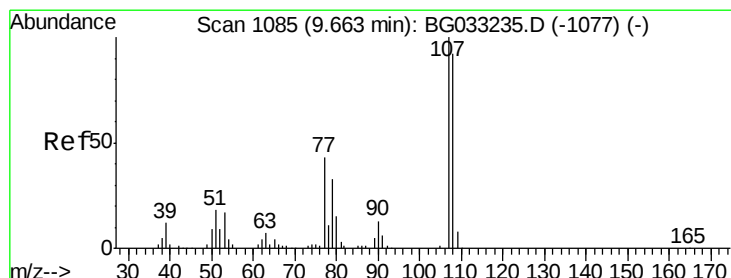
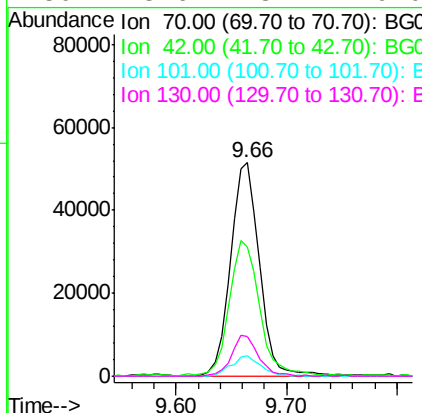
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.070 ng  
RT: 9.66 min Scan# 1085  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.8  | 49.1  | 73.7  |
| 101     | 9.8   | 8.5   | 12.7  |
| 130     | 18.6  | 13.4  | 20.0  |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

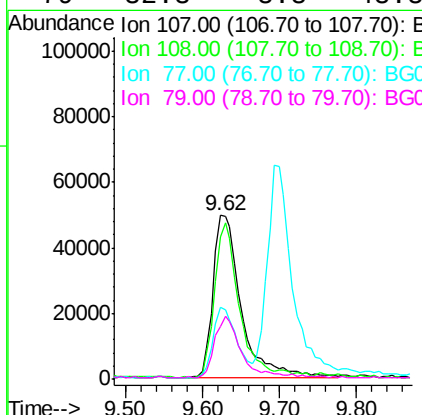
Manual Integrations  
APPROVED

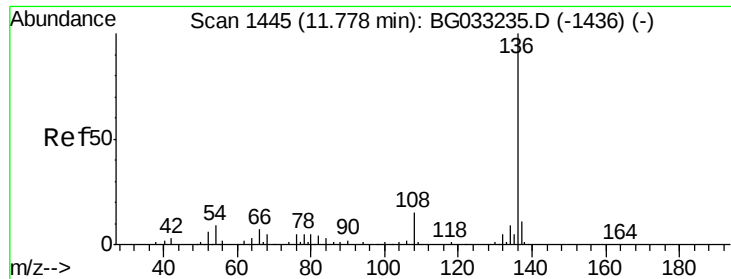
Sohil  
4/12/2018 2:35:30 PM



#20  
3+4-Methylphenols  
Concen: 44.143 ng  
RT: 9.62 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.6  | 61.6  | 101.6 |
| 77      | 43.8  | 13.9  | 53.9  |
| 79      | 32.3  | 8.8   | 48.8  |





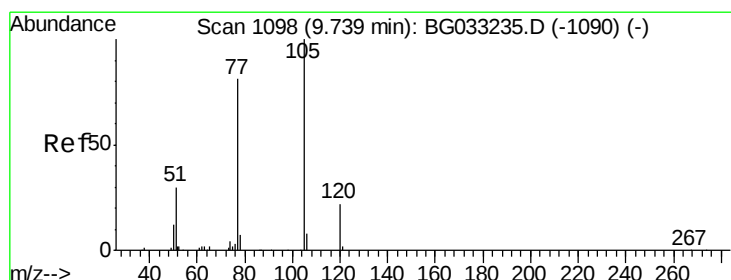
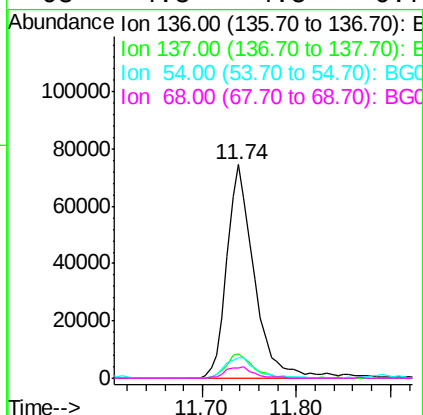
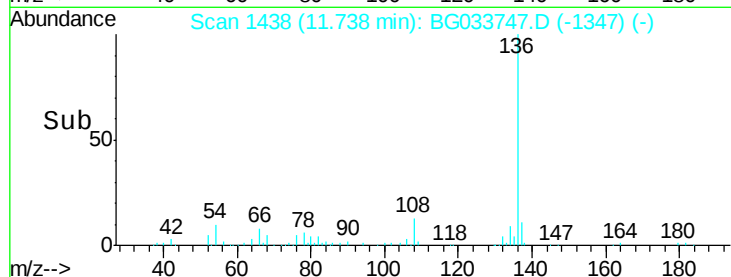
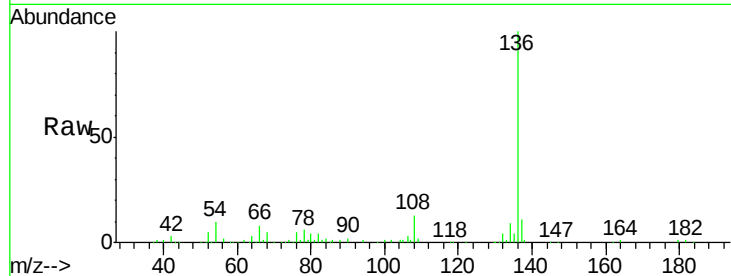
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.74 min Scan# 1438  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 151083 |       |       |
| 137     | 11.1 | 9.2   | 13.8   |       |       |
| 54      | 9.7  | 10.3  | 15.5   |       |       |
| 68      | 4.8  | 4.5   | 6.7    |       |       |

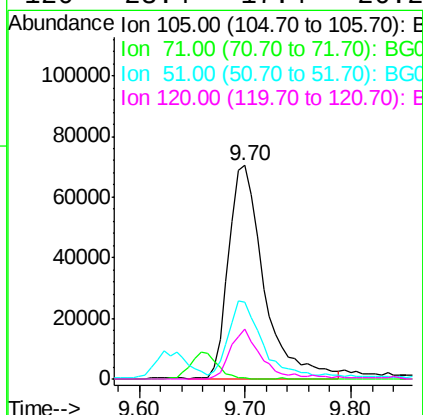
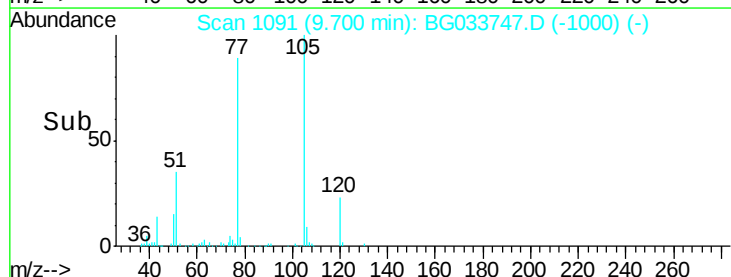
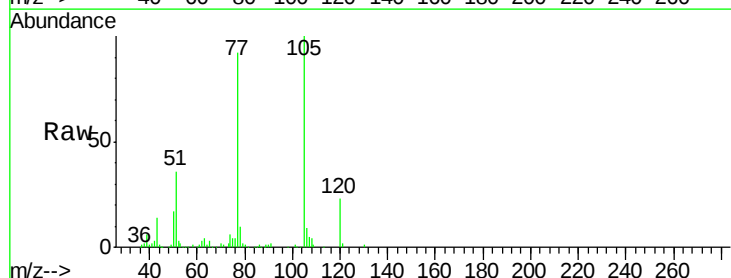
Manual Integrations  
APPROVED

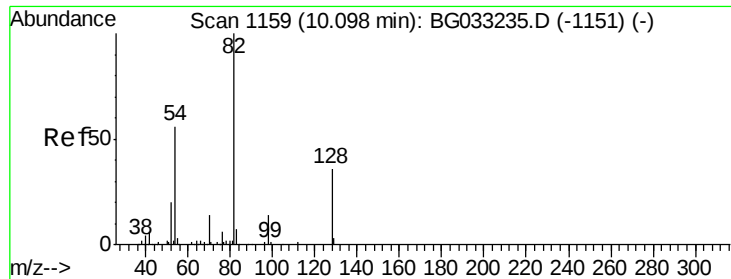
Sohil  
4/12/2018 2:35:30 PM



#22  
Acetophenone  
Concen: 39.200 ng  
RT: 9.70 min Scan# 1091  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 162256 |       |       |
| 71      | 0.6  | 3.0   | 4.4    |       |       |
| 51      | 36.2 | 26.1  | 39.1   |       |       |
| 120     | 23.4 | 17.4  | 26.2   |       |       |





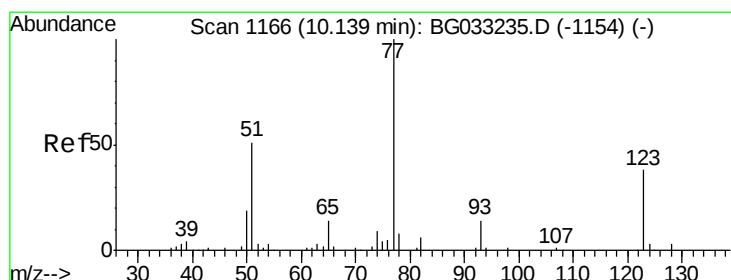
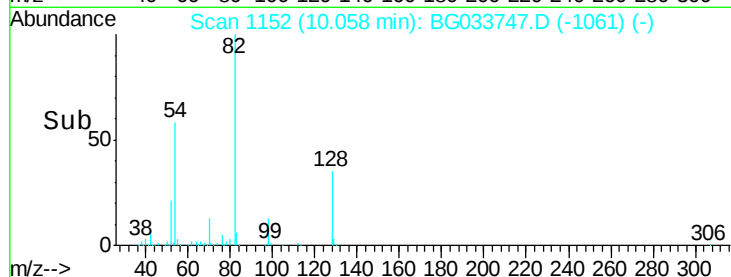
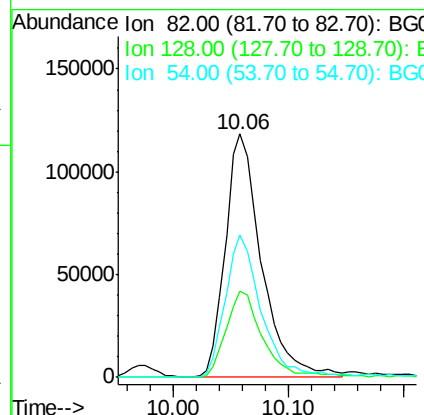
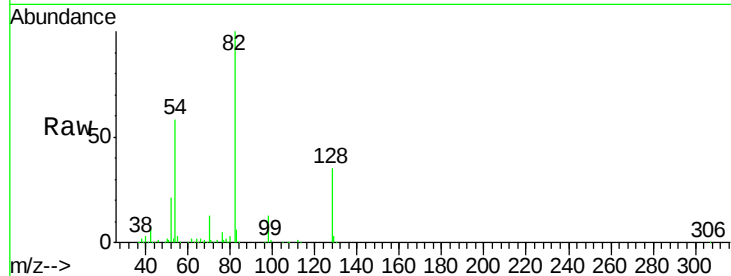
#23  
 Nitrobenzene-d5  
 Concen: 78.415 ng  
 RT: 10.06 min Scan# 1152  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.2  | 29.7  | 44.5  |
| 54      | 58.4  | 43.1  | 64.7  |

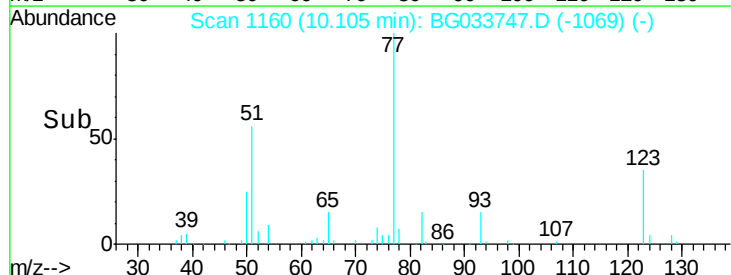
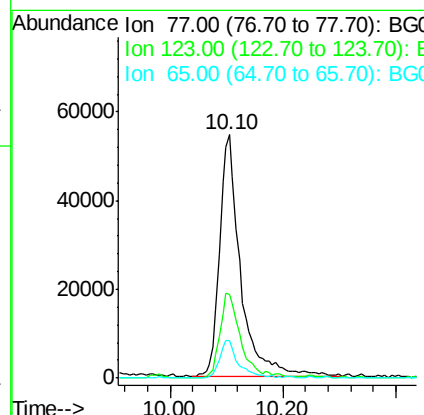
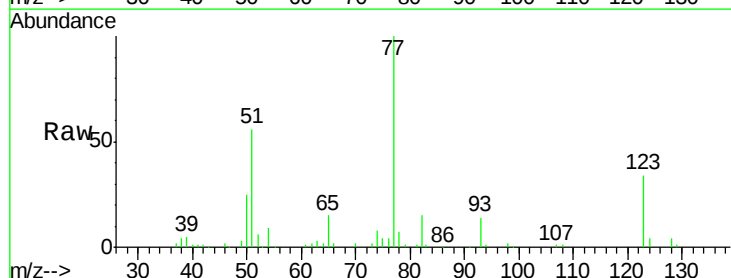
Manual Integrations  
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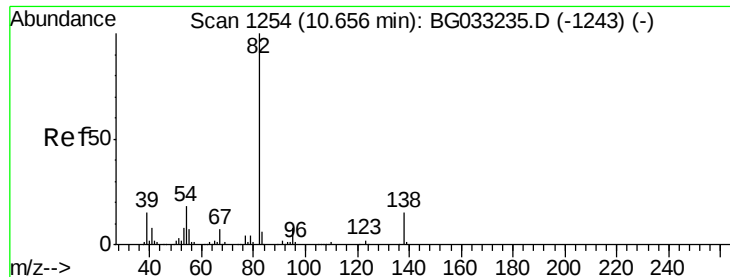
Sohil  
 4/12/2018 2:35:30 PM



#24  
 Nitrobenzene  
 Concen: 40.075 ng  
 RT: 10.10 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 34.4  | 33.0  | 49.6  |
| 65      | 15.4  | 13.0  | 19.6  |





#25

Isophorone

Concen: 41.013 ng

RT: 10.62 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

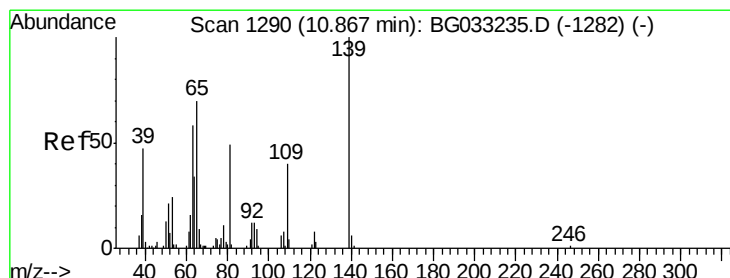
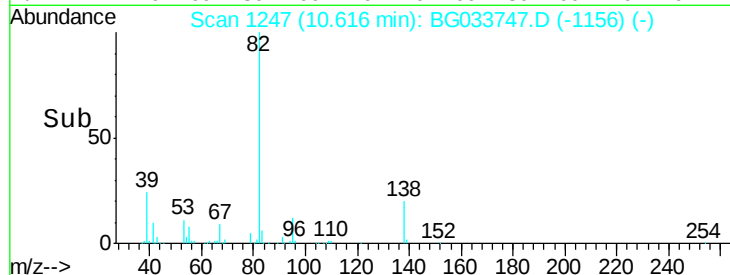
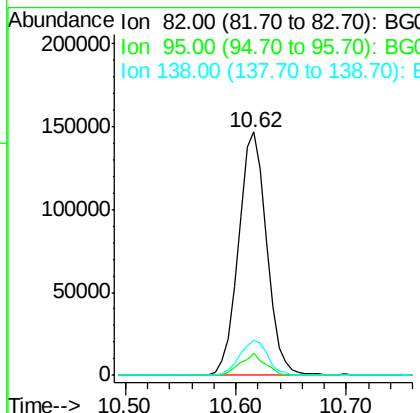
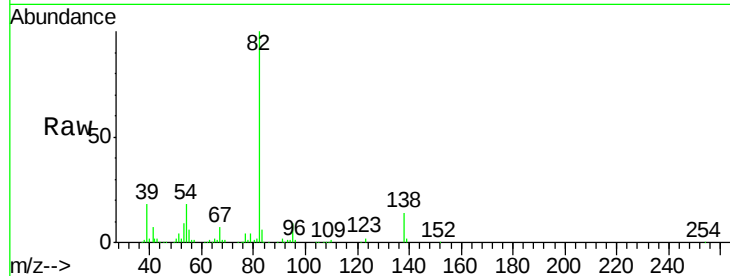
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 261761 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.8   | 6.2   | 9.2    |
| 138       | 14.4  | 12.1  | 18.1   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 41.228 ng

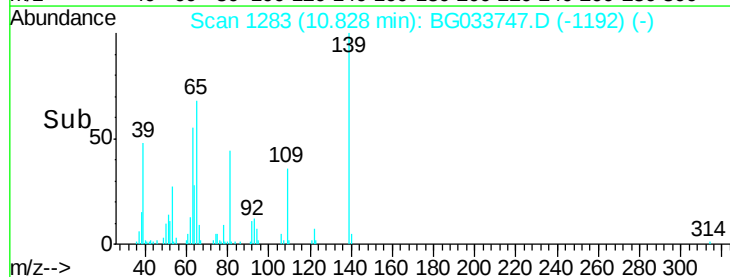
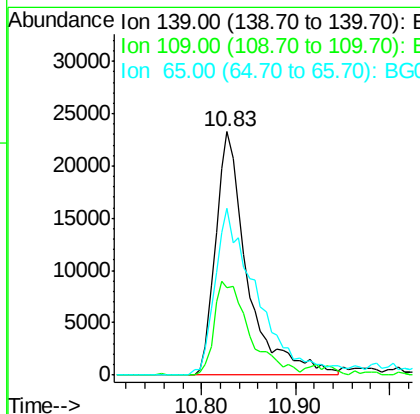
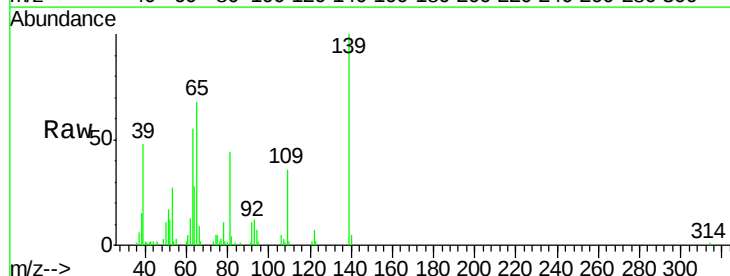
RT: 10.83 min Scan# 1283

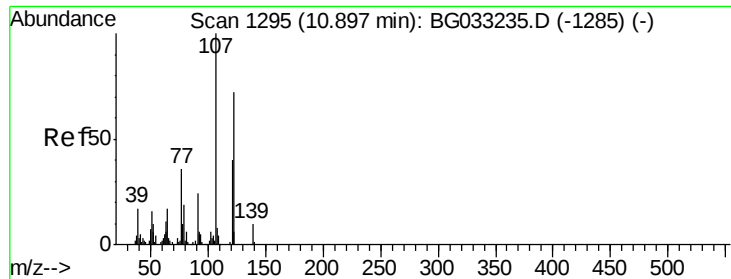
Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 54939 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 35.8  | 24.2  | 36.2  |
| 65        | 68.4  | 47.4  | 71.0  |





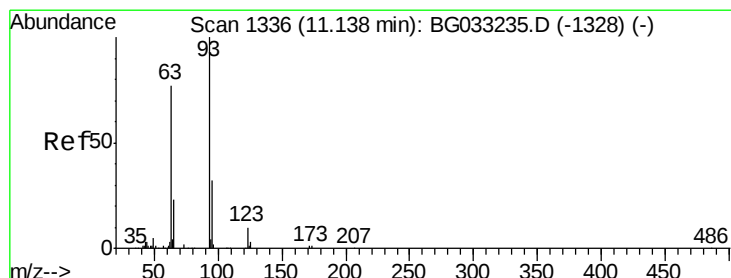
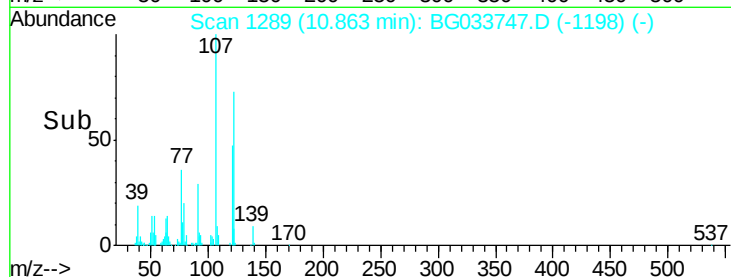
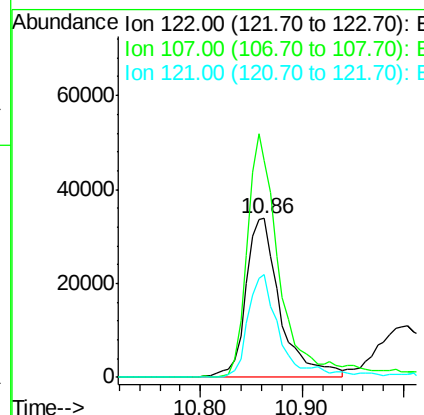
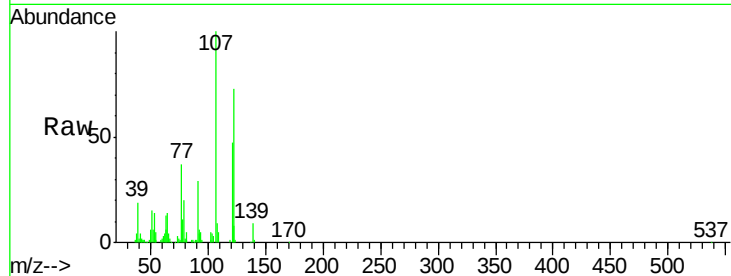
#27  
2,4-Dimethylphenol  
Concen: 41.088 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 136.3 | 100.2 | 150.2 |
| 121     | 64.7  | 44.4  | 66.6  |

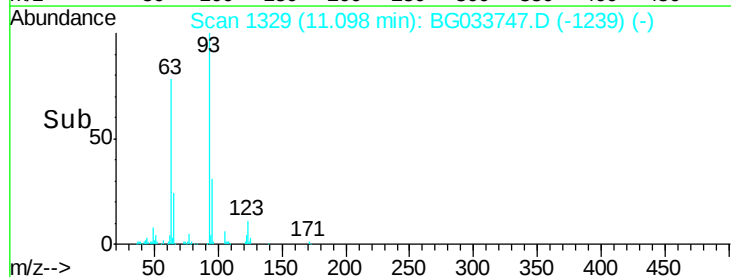
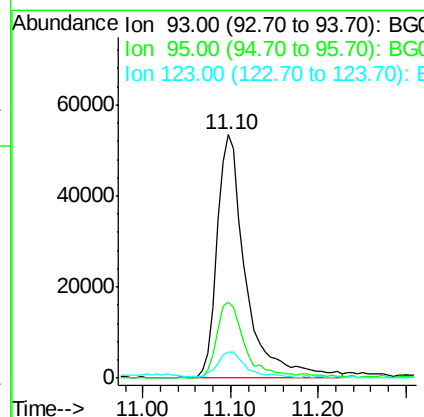
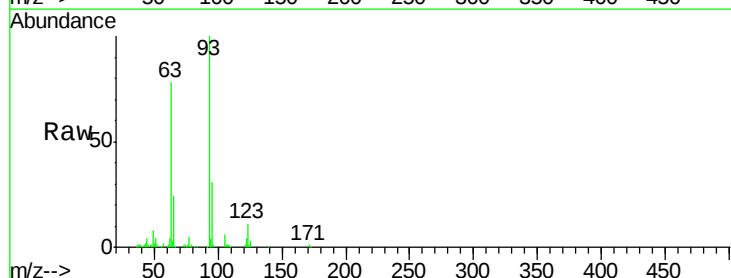
Manual Integrations  
APPROVED

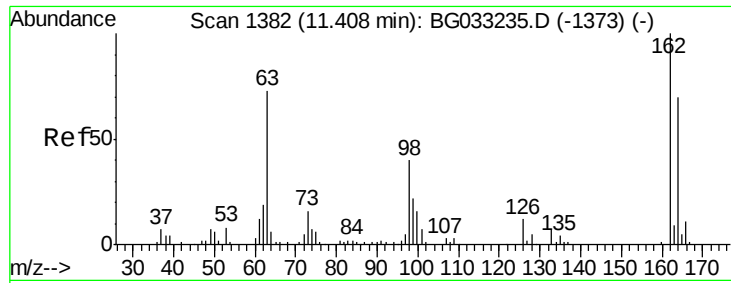
Sohil  
4/12/2018 2:35:30 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.178 ng  
RT: 11.10 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.0  | 24.3  | 36.5  |
| 123     | 10.7  | 8.4   | 12.6  |





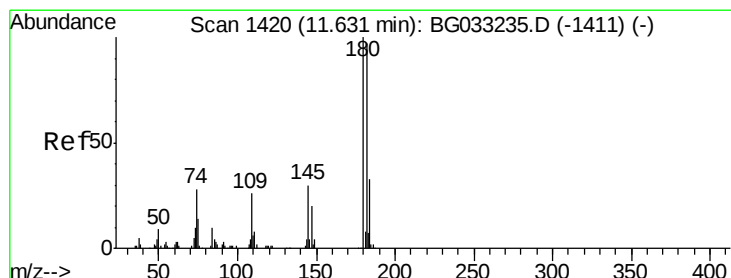
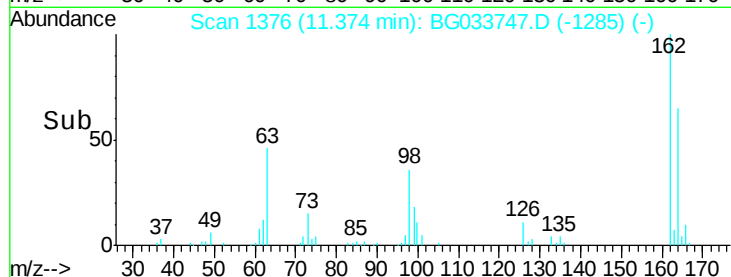
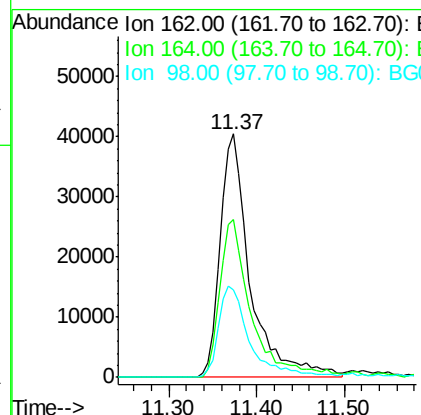
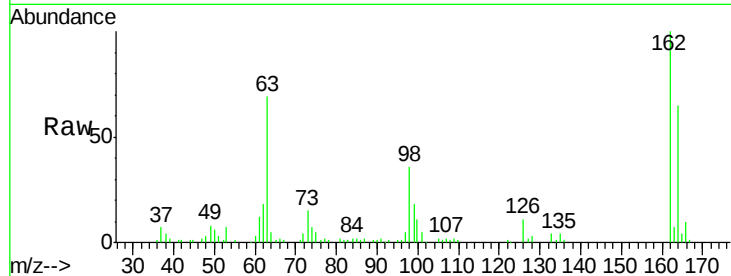
#29  
 2,4-Dichlorophenol  
 Concen: 40.468 ng  
 RT: 11.37 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 48.0  | 88.0  |
| 98      | 35.8  | 21.1  | 61.1  |

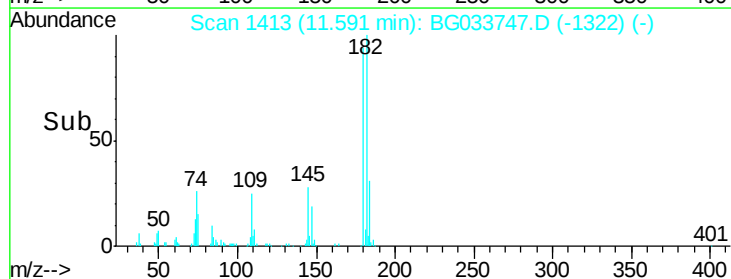
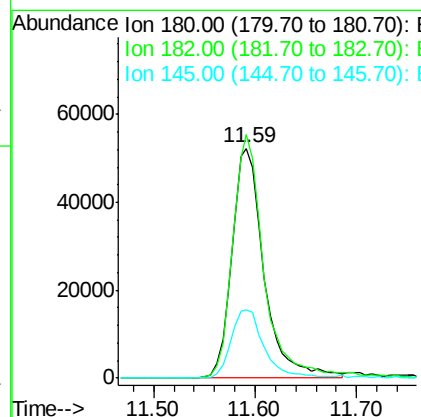
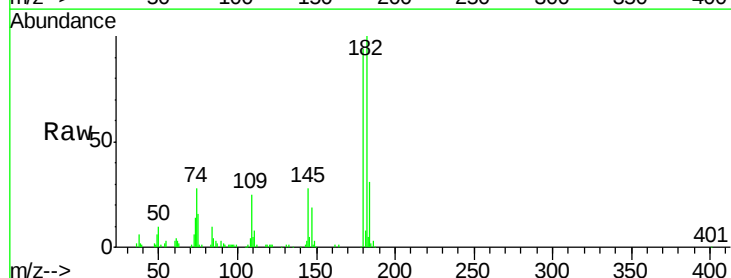
Manual Integrations  
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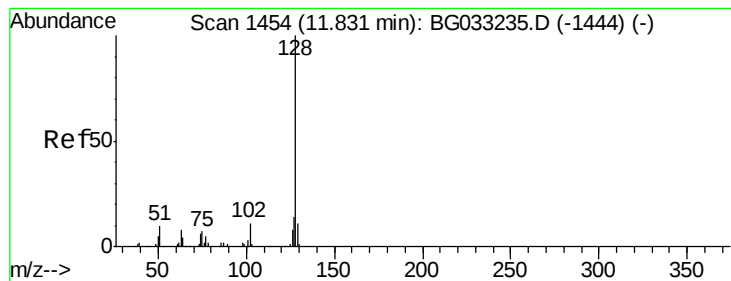
Sohil  
 4/12/2018 2:35:30 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.134 ng  
 RT: 11.59 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 105.9 | 77.5  | 116.3 |
| 145     | 29.9  | 23.4  | 35.2  |





#31

Naphthalene

Concen: 39.524 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

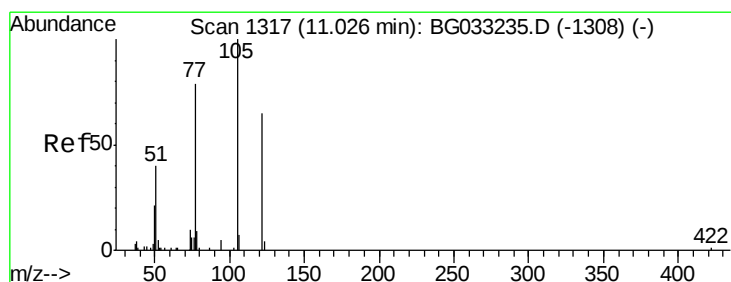
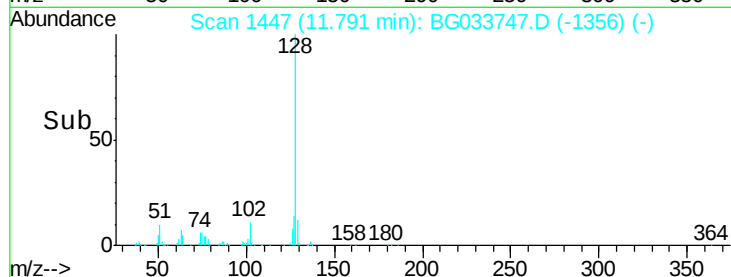
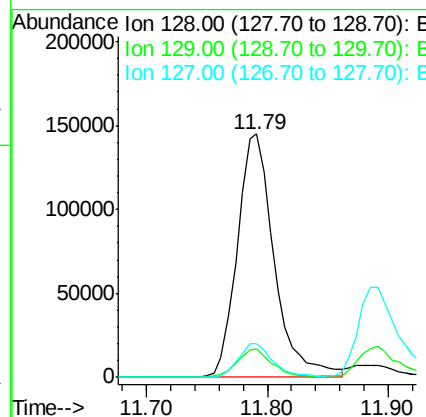
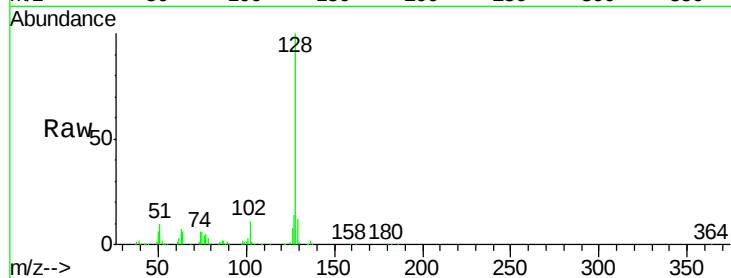
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 309442 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 8.6   | 12.8   |
| 127       | 13.9  | 11.6  | 17.4   |

Manual Integrations  
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#32

Benzoic acid

Concen: 32.737 ng m

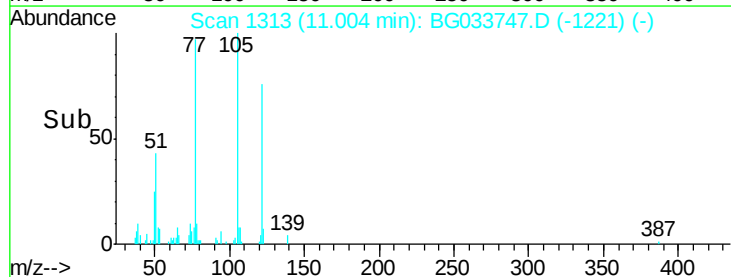
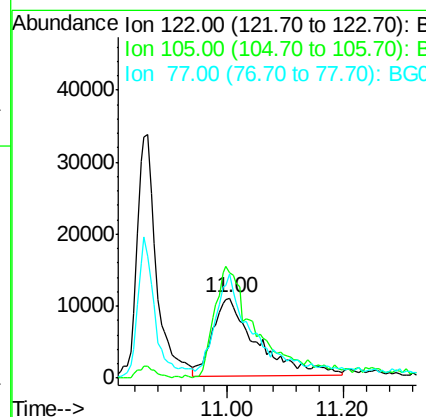
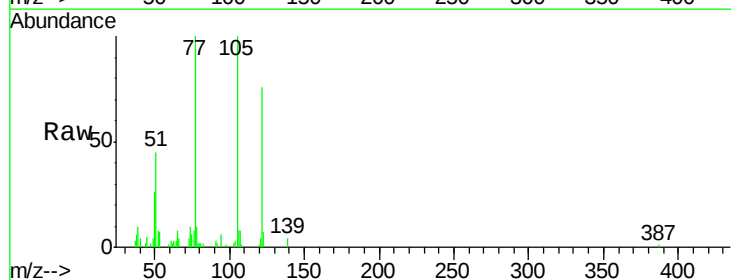
RT: 11.00 min Scan# 1313

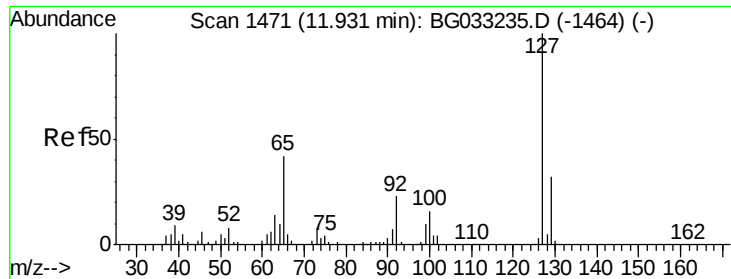
Delta R.T. 0.01 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 58913  |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 131.0 | 123.5 | 163.5  |
| 77        | 130.6 | 85.7  | 125.7# |





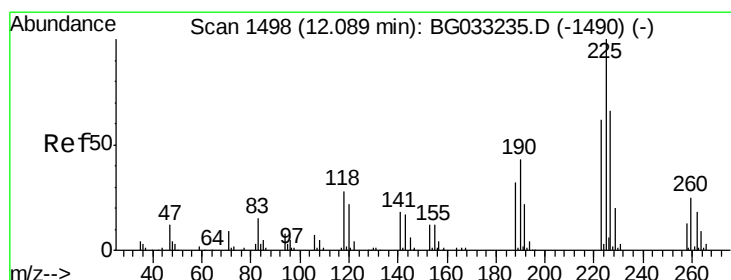
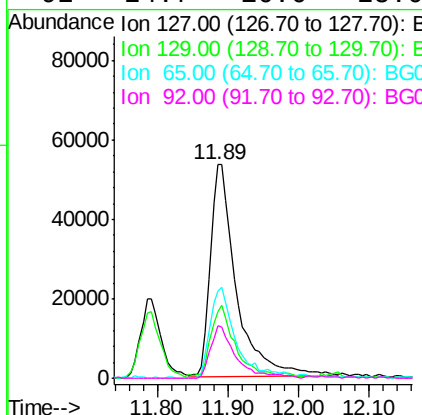
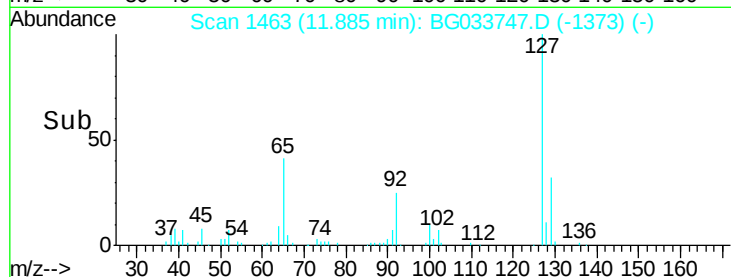
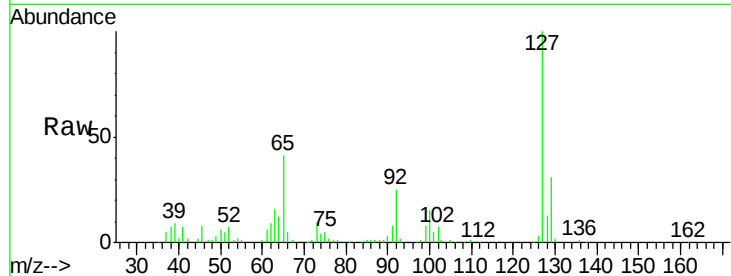
#33  
4-Chloroaniline  
Concen: 39.053 ng  
RT: 11.89 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.5 | 24.0  | 36.0 |       |       |
| 65      | 40.6 | 27.0  | 40.4 |       |       |
| 92      | 24.7 | 16.6  | 25.0 |       |       |

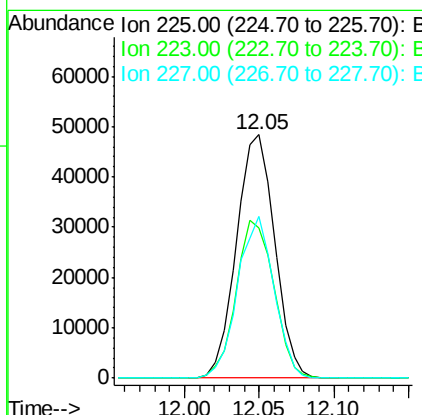
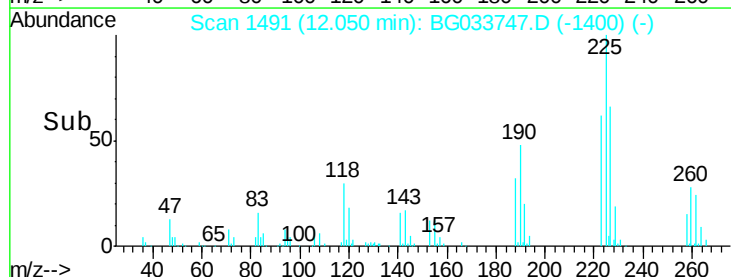
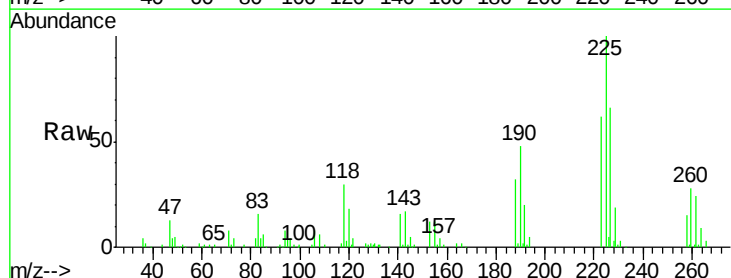
Manual Integrations  
APPROVED

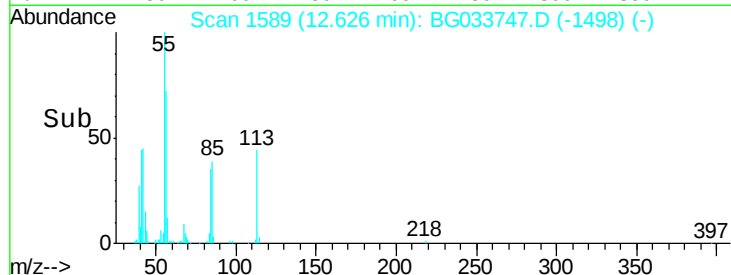
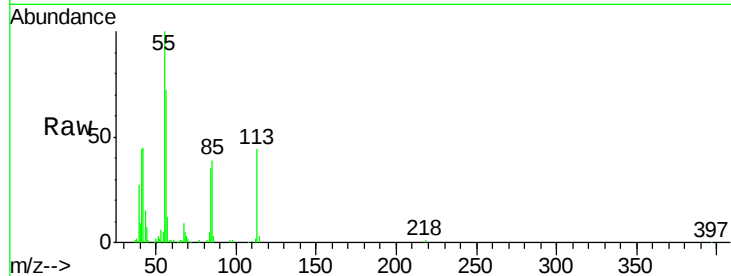
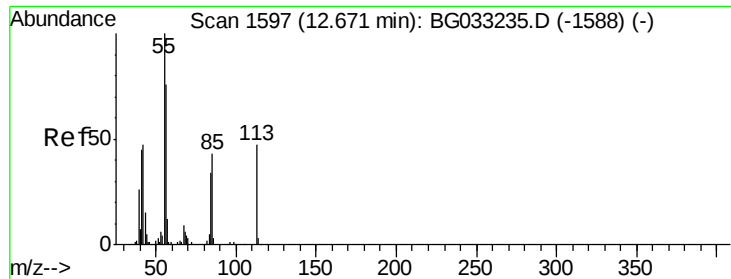
Sohil  
4/12/2018 2:35:30 PM



#34  
Hexachlorobutadiene  
Concen: 36.771 ng  
RT: 12.05 min Scan# 1491  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.9 | 49.7  | 74.5 |       |       |
| 227     | 66.2 | 48.1  | 72.1 |       |       |





#35

Caprolactam

Concen: 47.276 ng

RT: 12.63 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 225.5 | 186.9 | 226.9 |
| 56      | 161.3 | 130.9 | 170.9 |

Instrument :

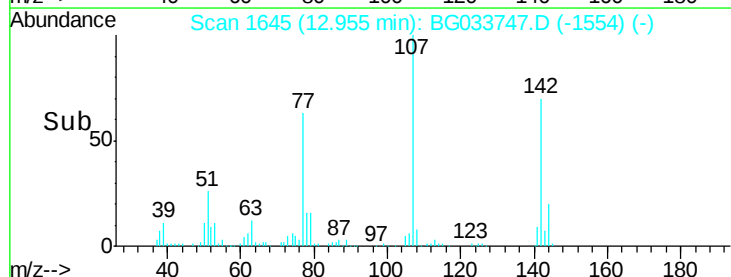
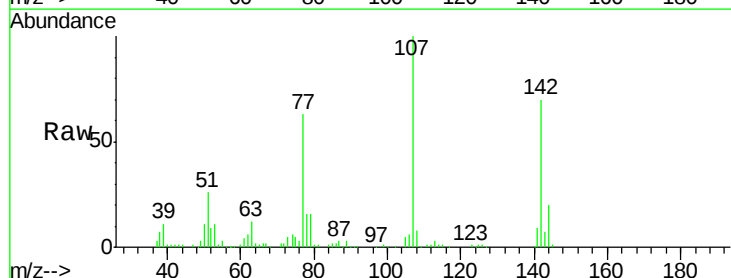
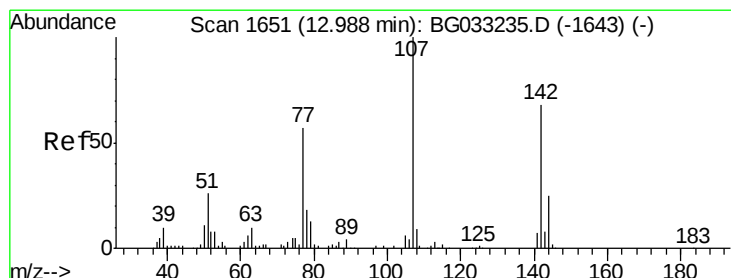
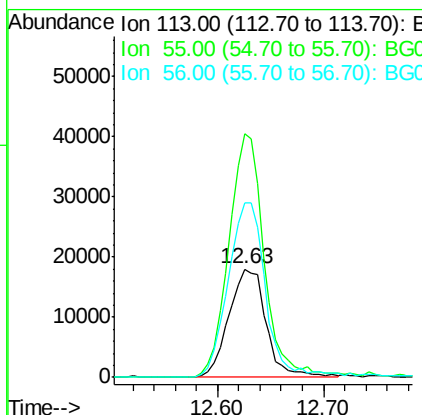
BNA\_G

ClientSampled :

SSTDCCC040

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 40.296 ng

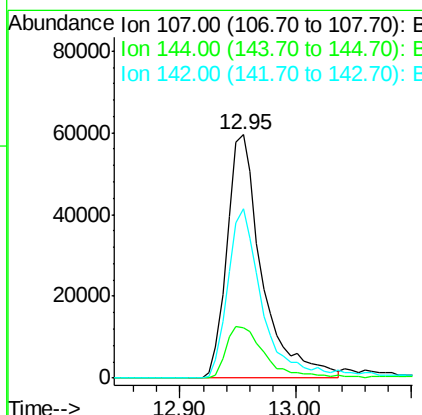
RT: 12.95 min Scan# 1645

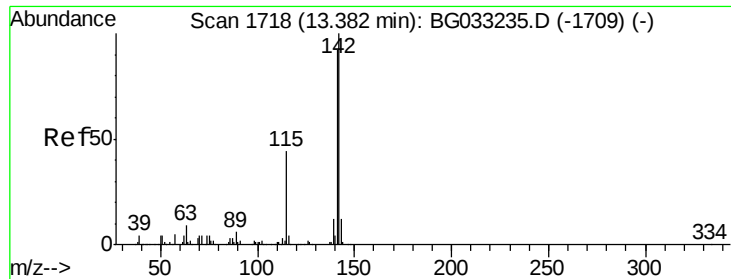
Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 20.4  | 18.2  | 27.4  |
| 142     | 69.5  | 59.0  | 88.4  |





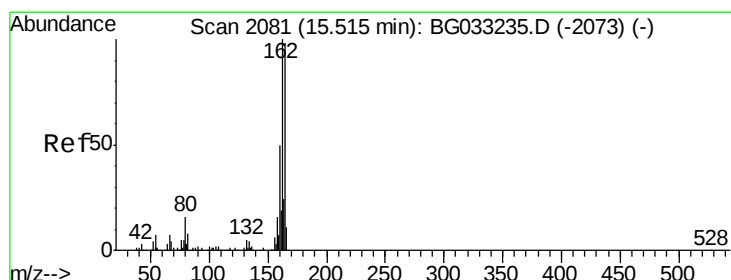
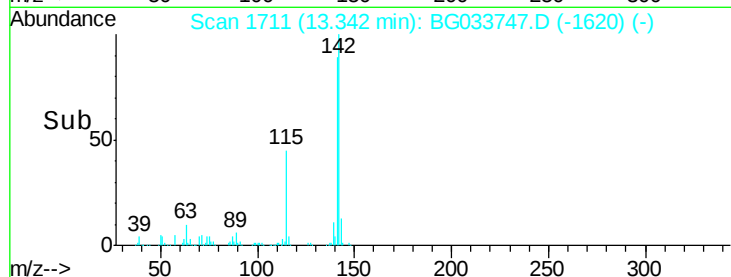
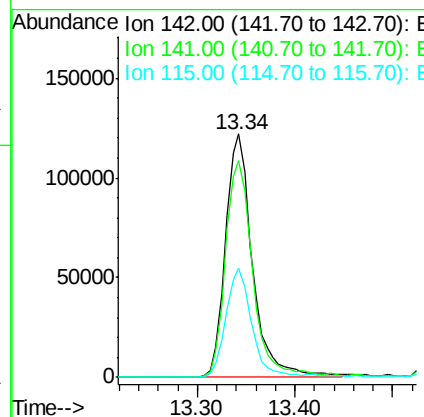
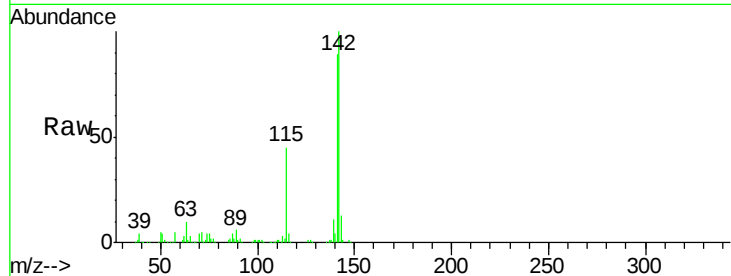
#37  
 2-Methylnaphthalene  
 Concen: 38.508 ng  
 RT: 13.34 min Scan# 1711  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 67.1  | 100.7 |
| 115     | 45.0  | 30.7  | 46.1  |

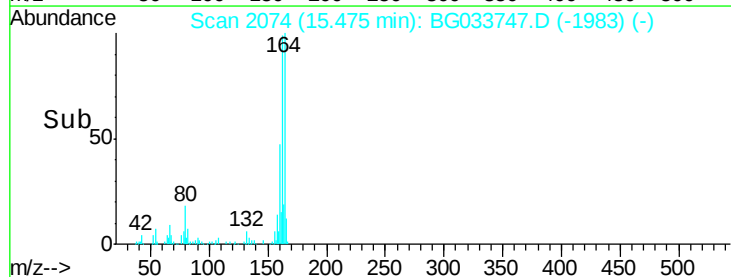
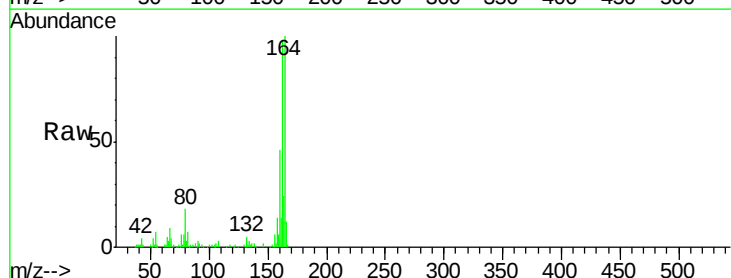
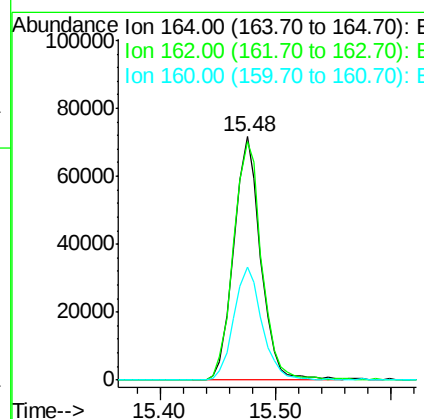
Manual Integrations  
 APPROVED

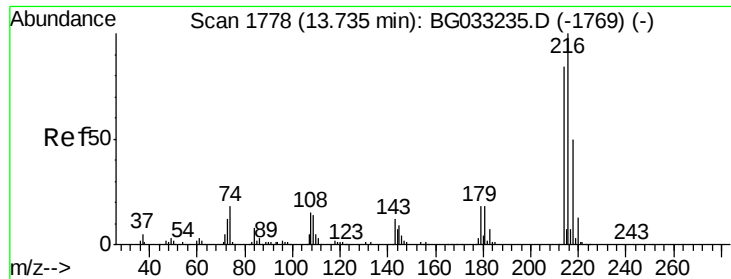
Sohil  
 4/12/2018 2:35:30 PM



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.48 min Scan# 2074  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.0  | 78.8  | 118.2 |
| 160     | 46.2  | 35.4  | 53.0  |





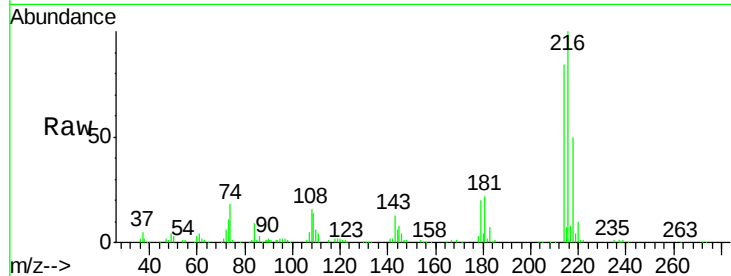
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.163 ng  
 RT: 13.69 min Scan# 1771  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

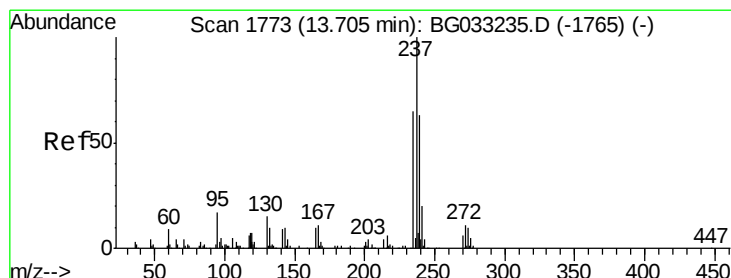
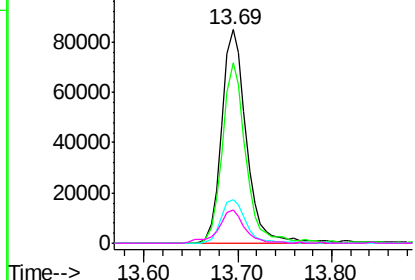
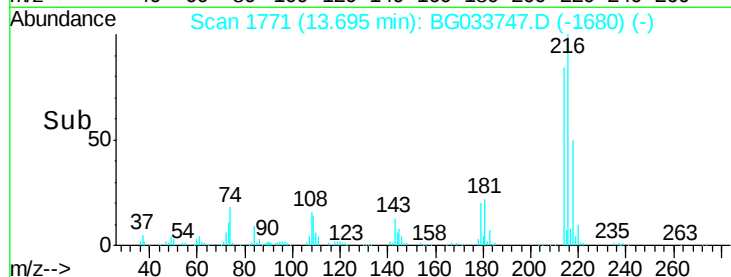
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 79.3 |       | 63.0 | 94.4  |       |
| 179     | 20.1 |       | 17.0 | 25.6  |       |
| 108     | 16.6 |       | 12.8 | 19.2  |       |

Manual Integrations  
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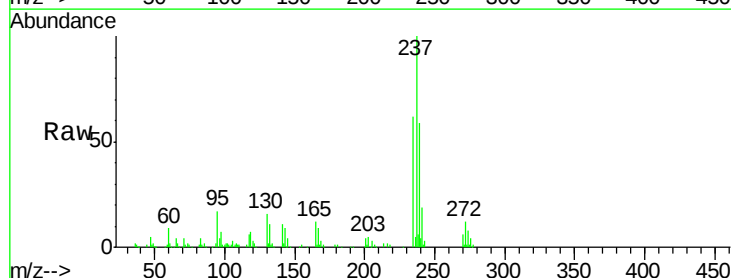


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

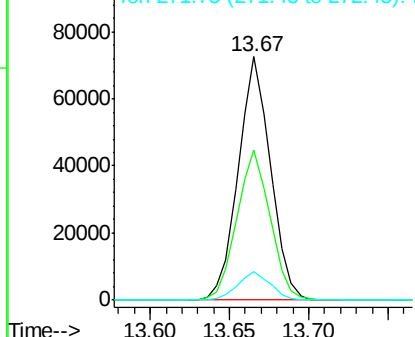
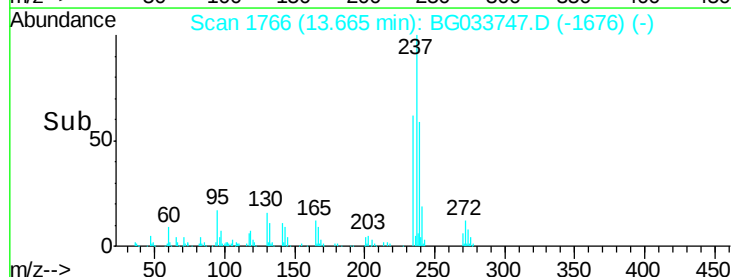


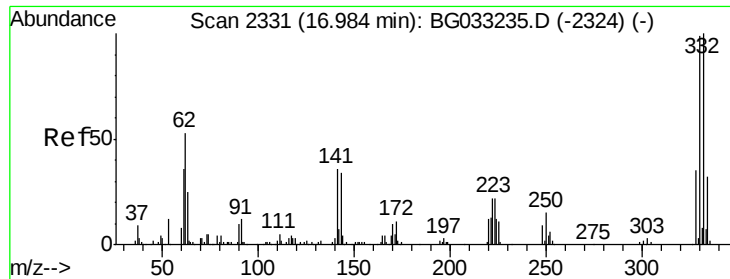
#40  
 Hexachlorocyclopentadiene  
 Concen: 41.655 ng  
 RT: 13.67 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 61.9 |       | 50.4 | 90.4  |       |
| 272     | 11.8 |       | 0.0  | 31.8  |       |



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





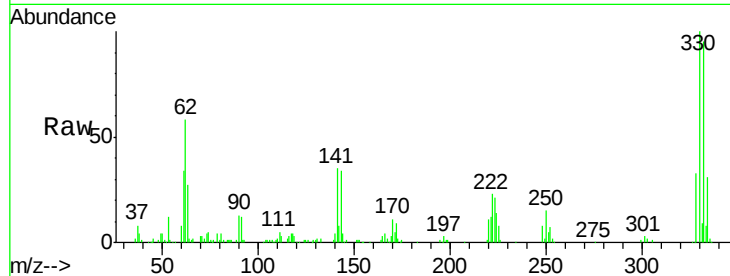
#41  
 2,4,6-Tribromophenol  
 Concen: 75.782 ng  
 RT: 16.95 min Scan# 2325  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 94.4  | 77.0 | 115.6 |       |
| 141     | 37.5  | 25.2 | 37.8  |       |

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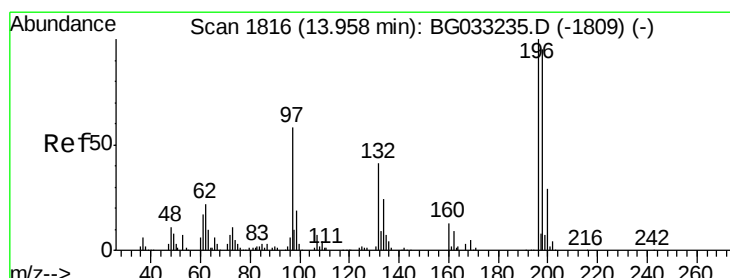
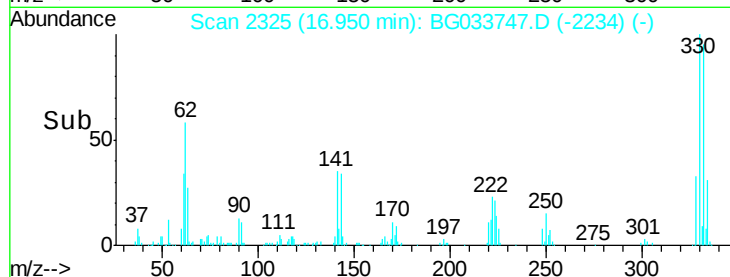
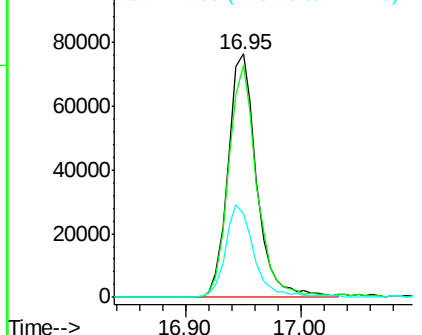


Abundance

Ion 329.80 (329.50 to 330.50): E

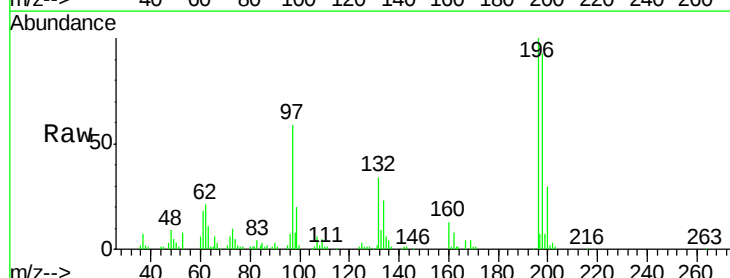
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.623 ng  
 RT: 13.92 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 92.7  | 78.2 | 117.2 |       |
| 200     | 30.4  | 24.6 | 36.8  |       |

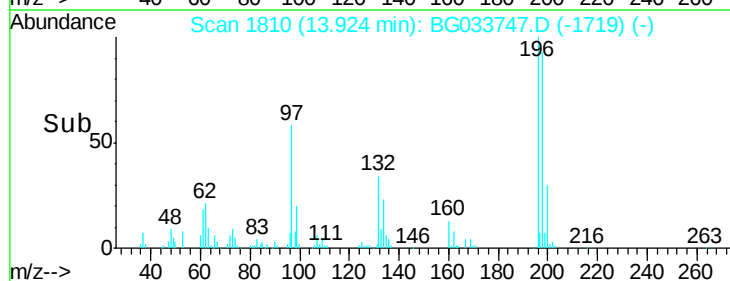
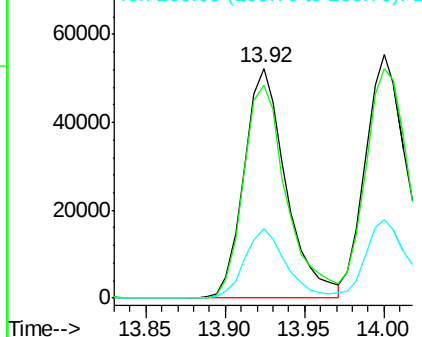


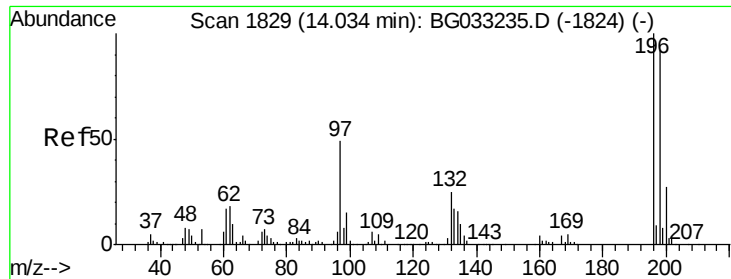
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





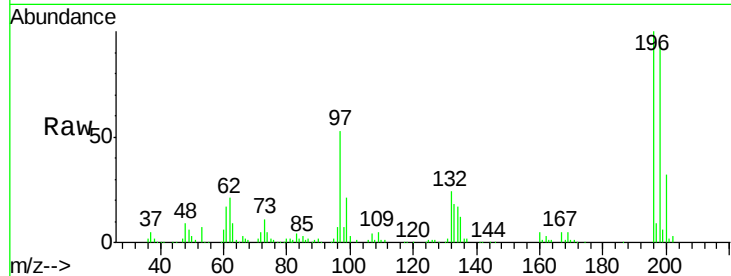
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.474 ng  
 RT: 14.00 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 196   | Resp  | 110668 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.0  | 76.2  | 114.4  |
| 97        | 53.0  | 38.7  | 58.1   |
| 132       | 24.5  | 20.2  | 30.2   |

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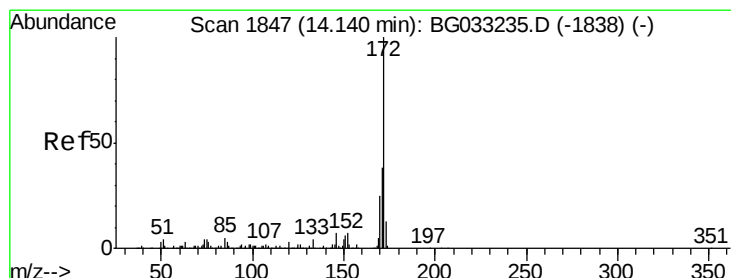
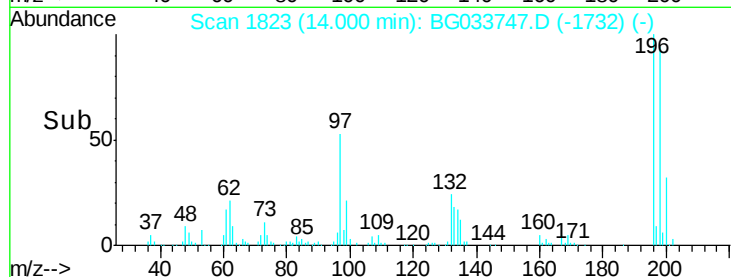
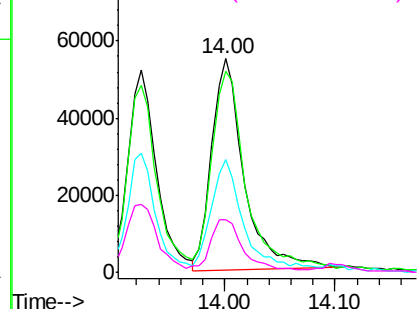
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

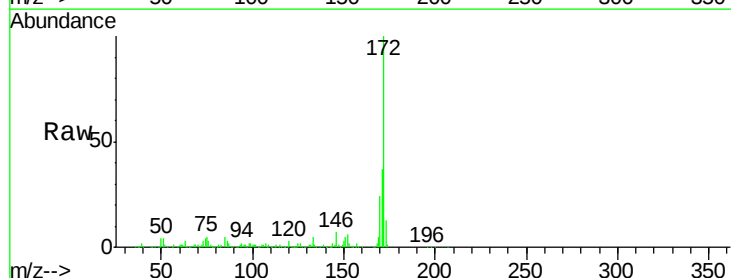
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 77.718 ng  
 RT: 14.10 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion   | 172   | Resp  | 622501 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.8  | 30.0  | 45.0   |
| 170       | 23.8  | 19.5  | 29.3   |

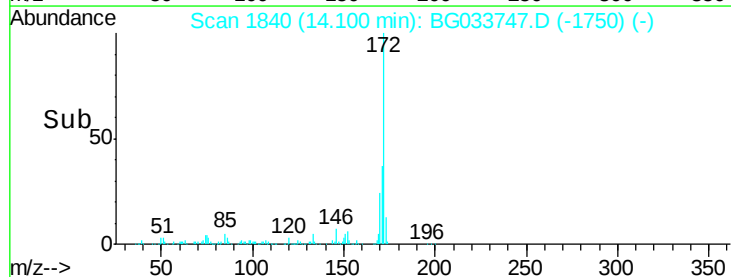
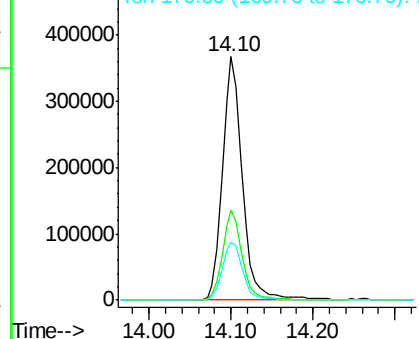


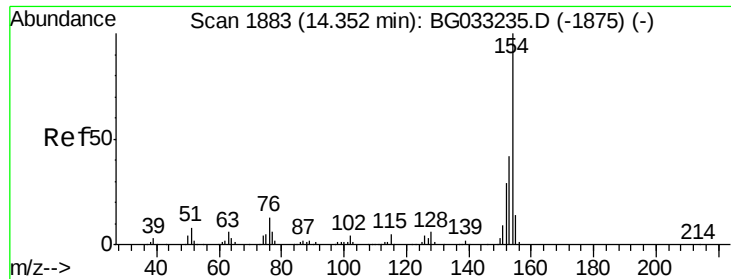
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





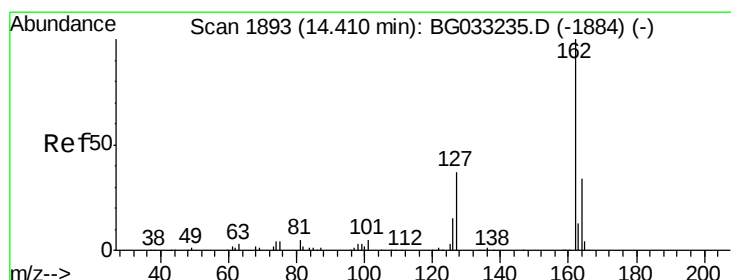
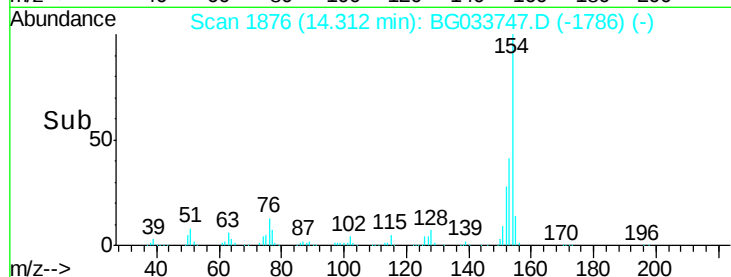
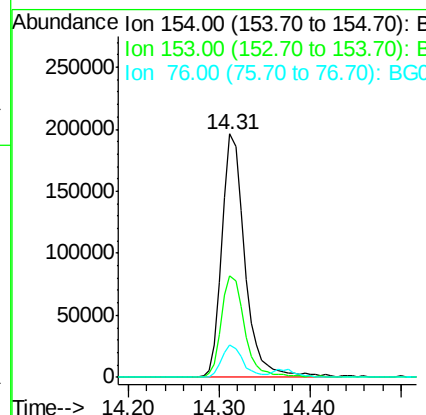
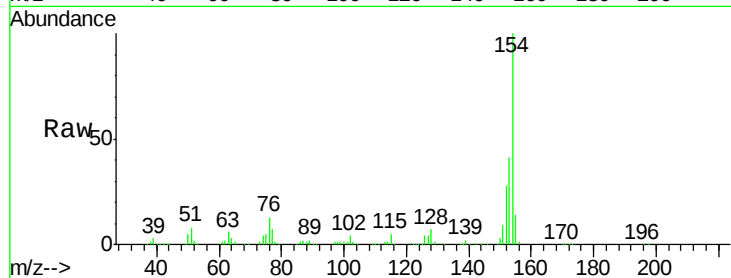
#45  
 1,1'-Biphenyl  
 Concen: 38.966 ng  
 RT: 14.31 min Scan# 1876  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.5  | 19.8  | 59.8  |
| 76      | 13.1  | 0.0   | 31.9  |

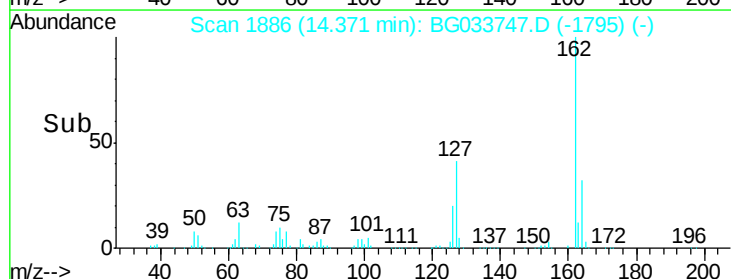
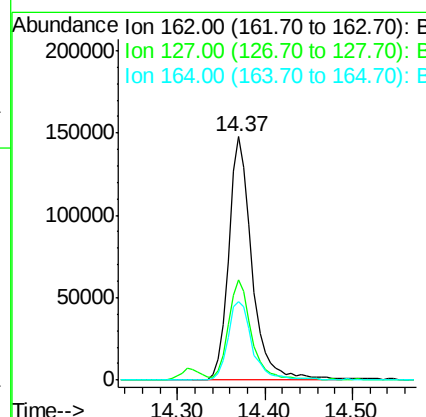
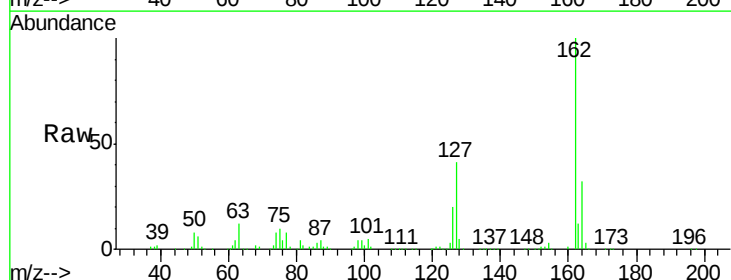
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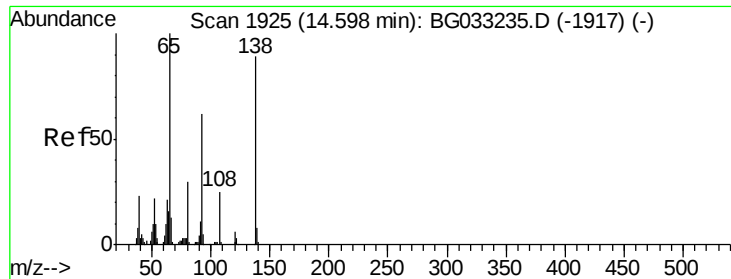
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#46  
 2-Chloronaphthalene  
 Concen: 39.567 ng  
 RT: 14.37 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.4  | 30.7  | 46.1  |
| 164     | 32.3  | 26.0  | 39.0  |





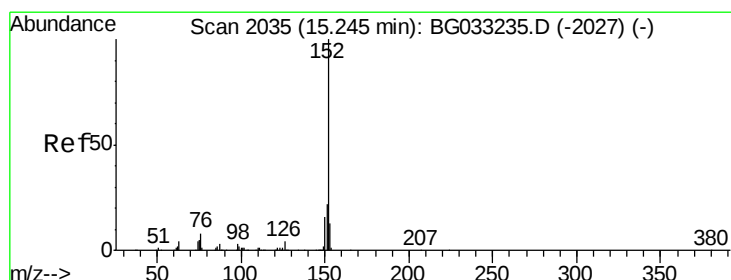
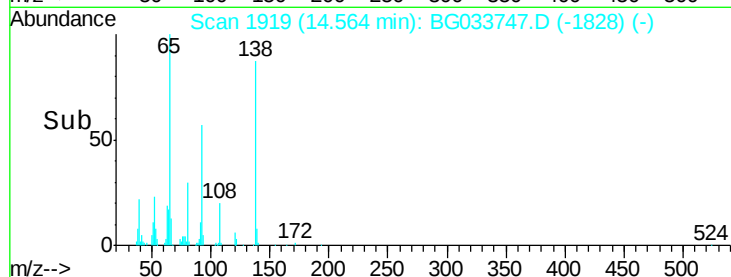
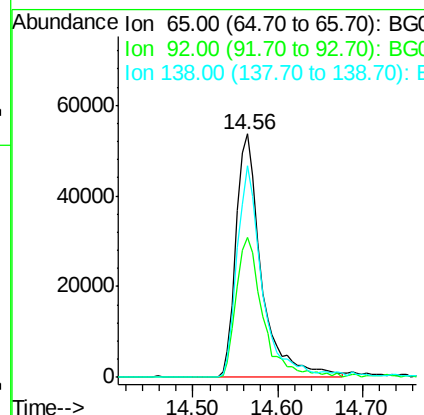
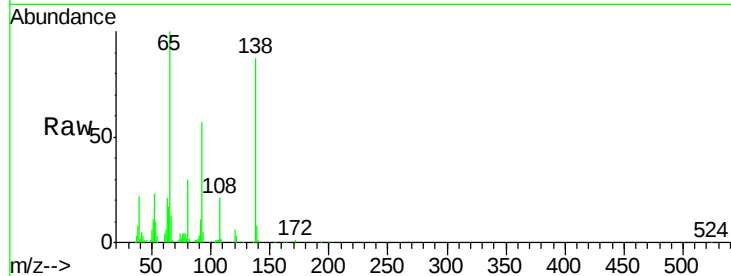
#47  
 2-Nitroaniline  
 Concen: 43.292 ng  
 RT: 14.56 min Scan# 1919  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.3  | 54.6  | 82.0  |
| 138     | 86.9  | 72.9  | 109.3 |

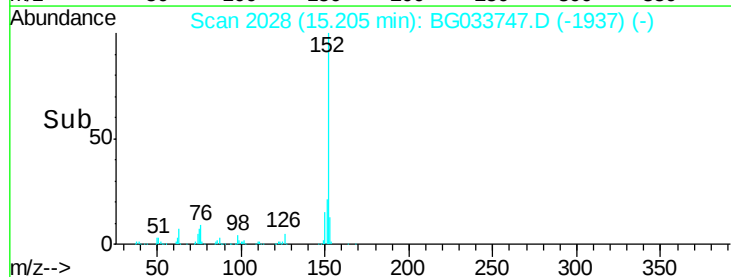
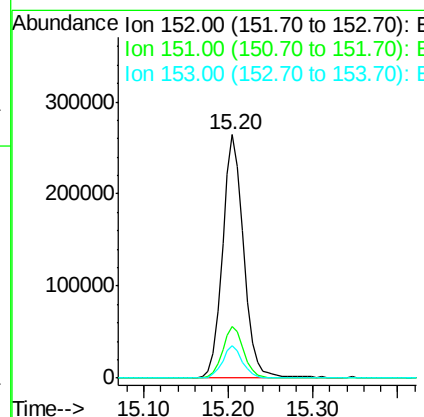
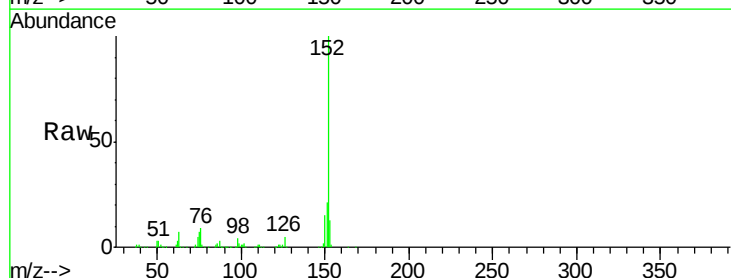
Manual Integrations  
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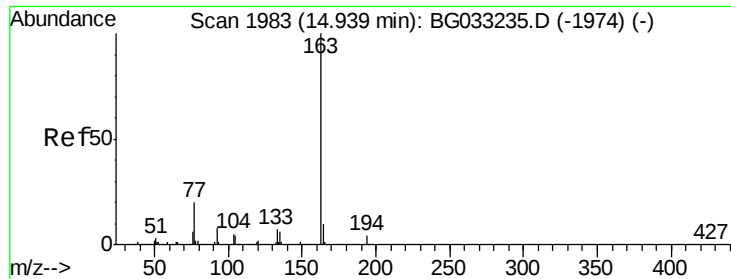
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#48  
 Acenaphthylene  
 Concen: 40.039 ng  
 RT: 15.20 min Scan# 2028  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 17.2  | 25.8  |
| 153     | 13.4  | 10.2  | 15.4  |





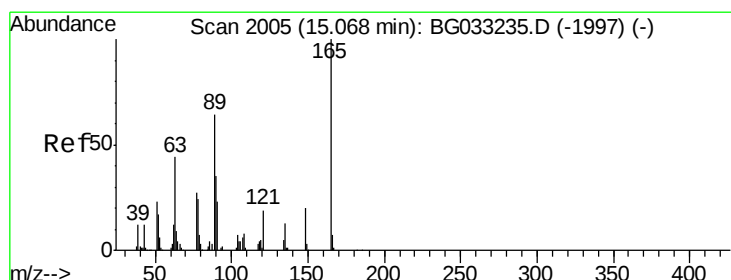
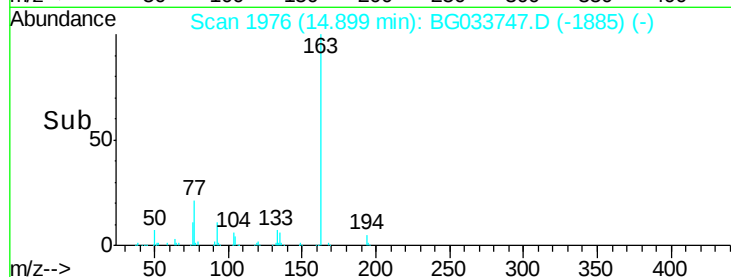
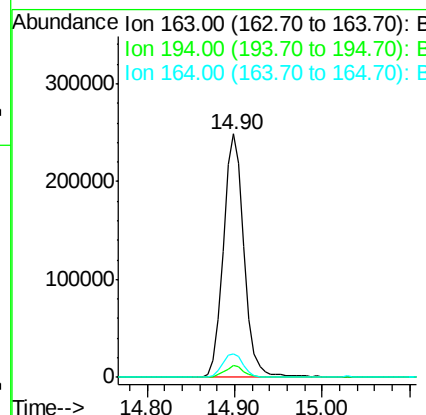
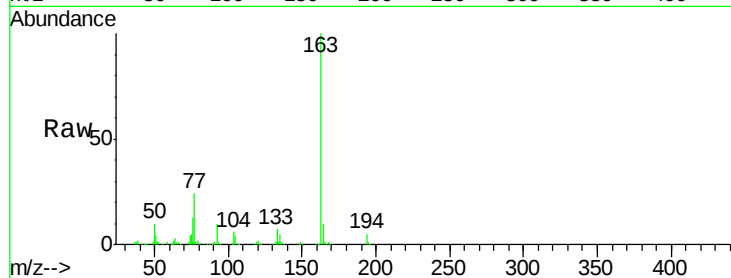
#49  
Dimethylphthalate  
Concen: 40.372 ng  
RT: 14.90 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.9   | 3.4  | 5.2   |       |
| 164     | 9.7   | 8.2  | 12.4  |       |

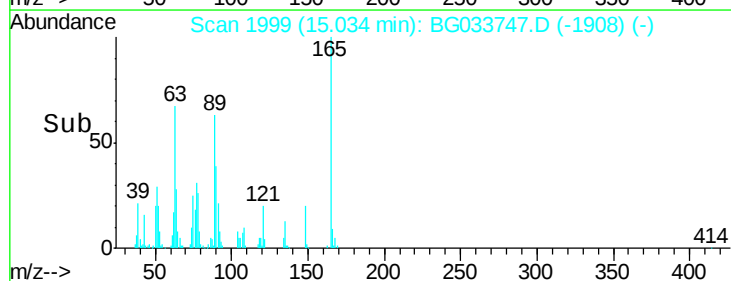
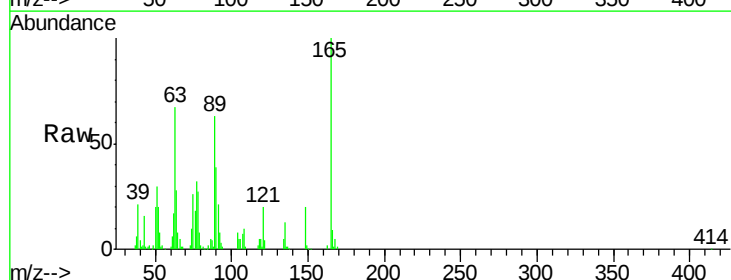
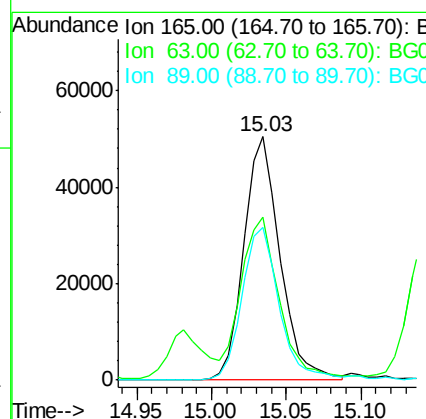
Manual Integrations  
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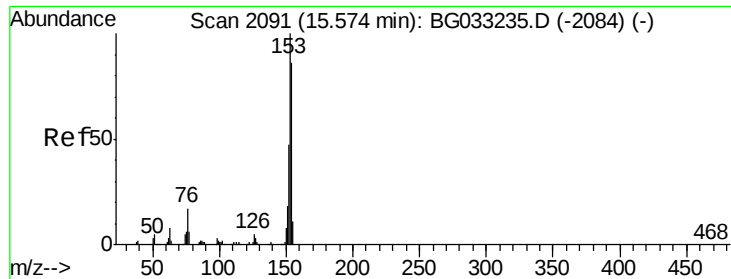
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4/12/2018 2:35:30 PM



#50  
2,6-Dinitrotoluene  
Concen: 41.183 ng  
RT: 15.03 min Scan# 1999  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 66.7  | 52.7 | 79.1  |       |
| 89      | 62.8  | 49.2 | 73.8  |       |





#51

Acenaphthene

Concen: 41.496 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

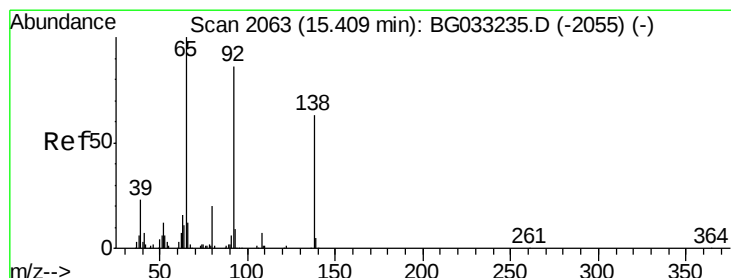
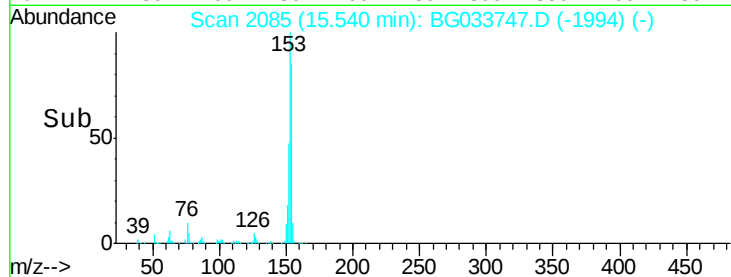
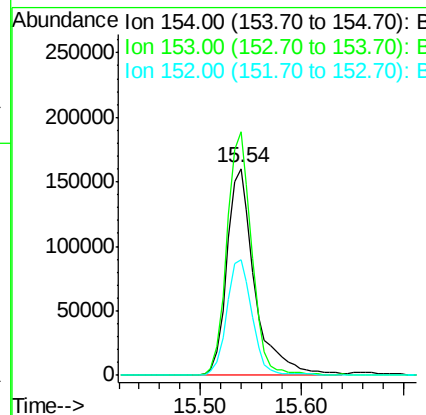
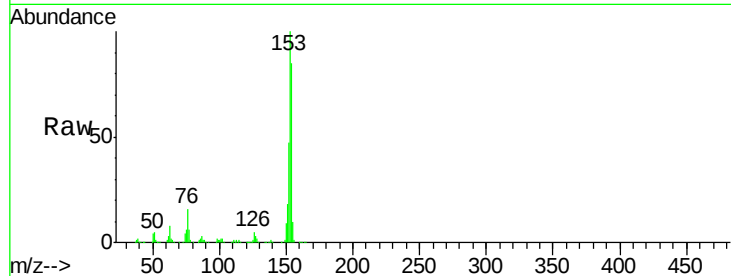
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 305848 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 117.7 | 90.4  | 135.6  |
| 152       | 55.9  | 41.6  | 62.4   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 40.163 ng

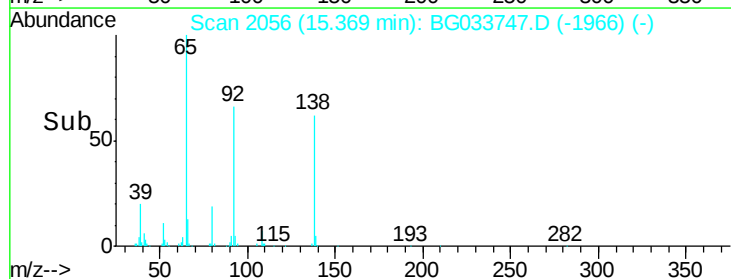
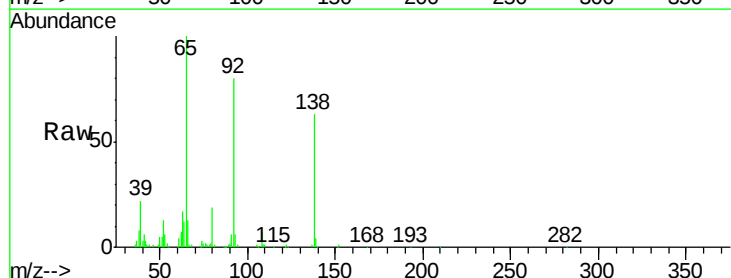
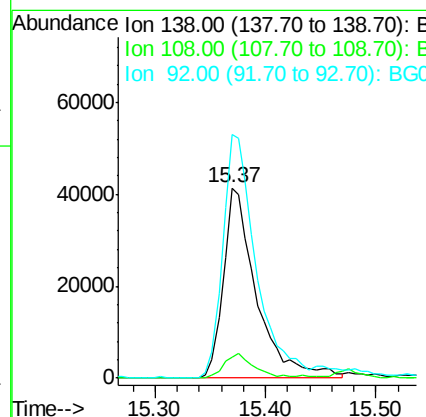
RT: 15.37 min Scan# 2056

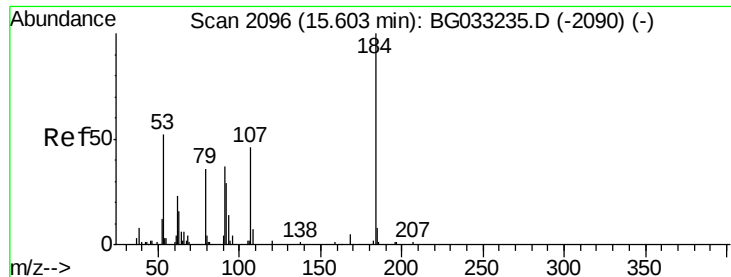
Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 86640 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.2  | 17.5  | 26.3# |
| 92        | 128.2 | 105.8 | 158.8 |





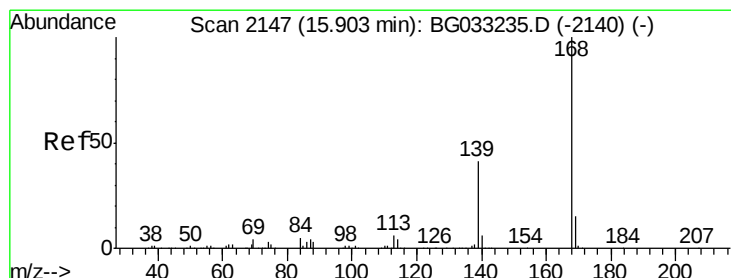
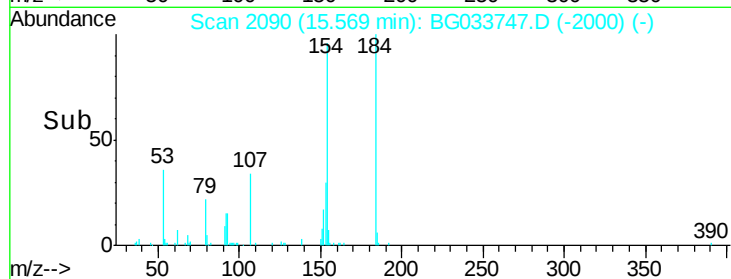
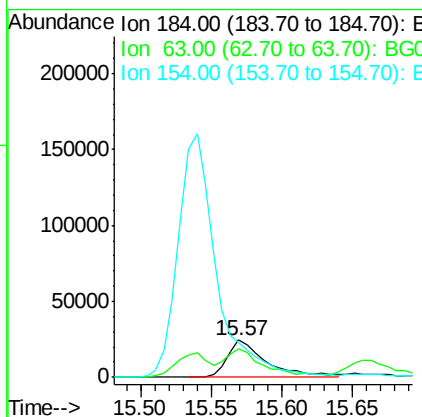
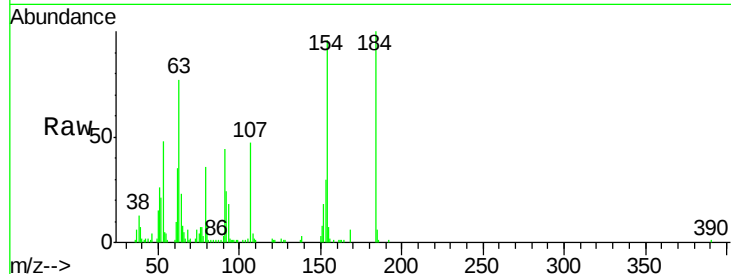
#53  
2,4-Dinitrophenol  
Concen: 47.529 ng  
RT: 15.57 min Scan# 2090  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 77.0  | 59.8  | 89.8   |
| 154     | 95.6  | 101.8 | 152.8# |

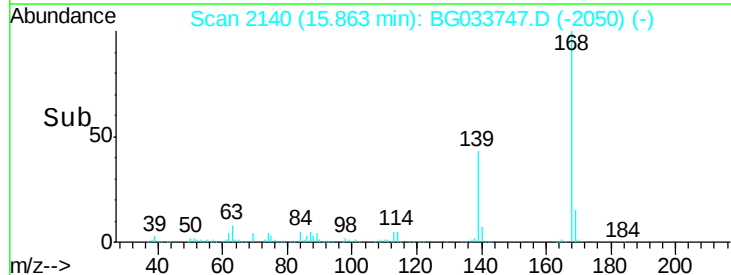
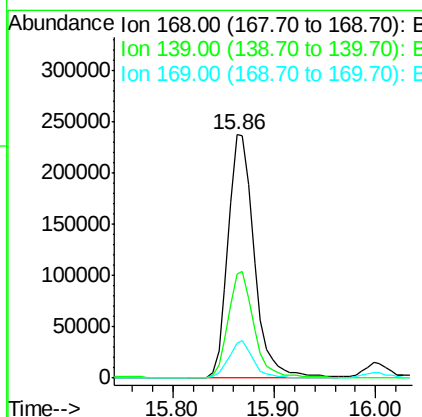
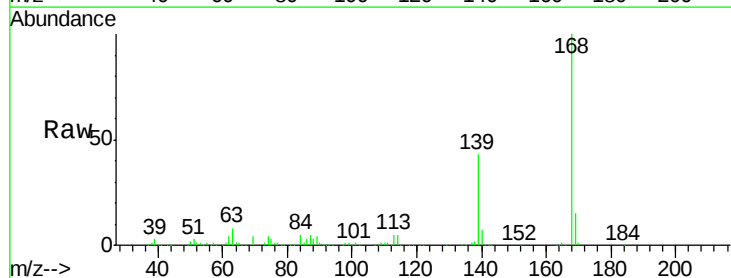
Manual Integrations  
APPROVED

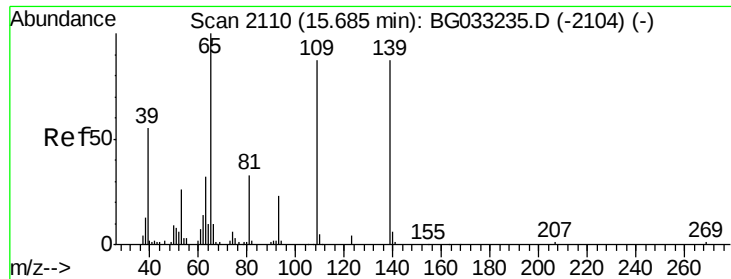
Sohil  
4/12/2018 2:35:30 PM



#54  
Dibenzofuran  
Concen: 39.459 ng  
RT: 15.86 min Scan# 2140  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.8  | 28.6  | 43.0  |
| 169     | 14.5  | 11.2  | 16.8  |





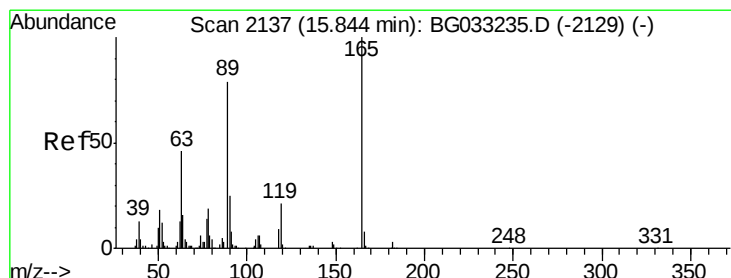
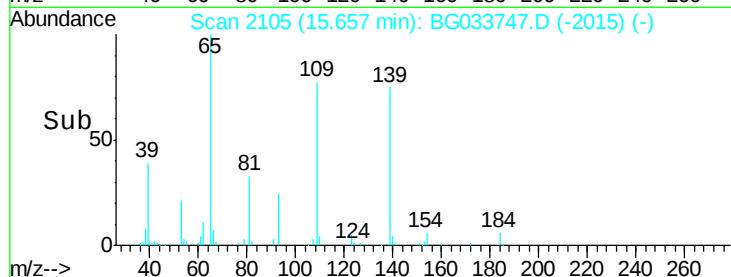
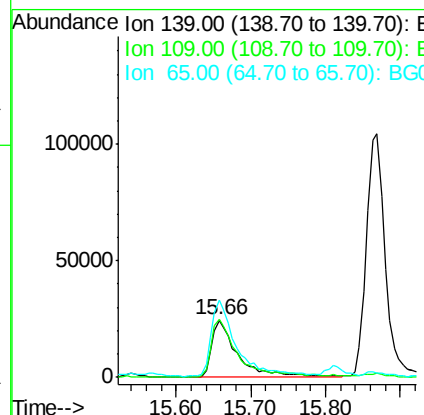
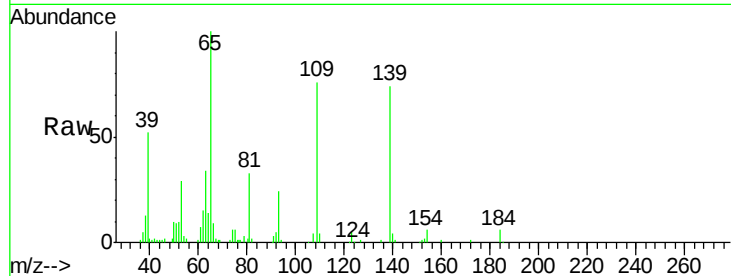
#55  
4-Nitrophenol  
Concen: 39.463 ng  
RT: 15.66 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 102.3 | 62.2  | 102.2# |
| 65      | 135.0 | 97.2  | 137.2  |

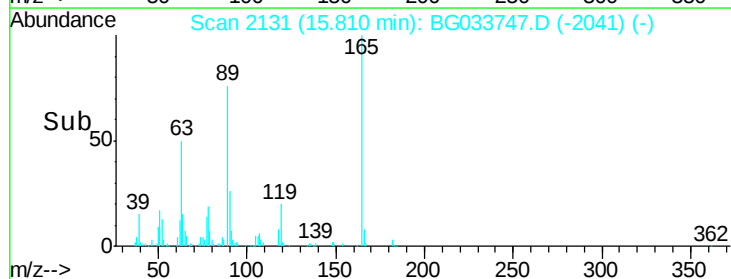
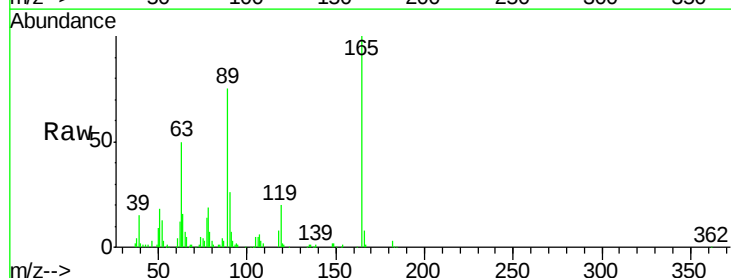
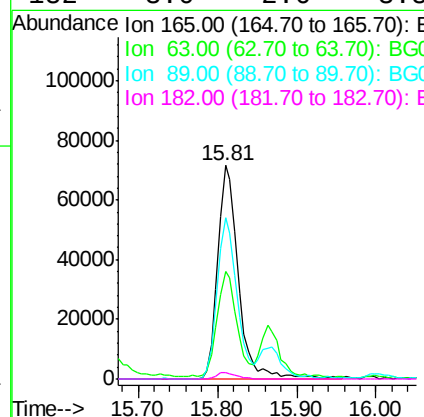
Manual Integrations  
APPROVED

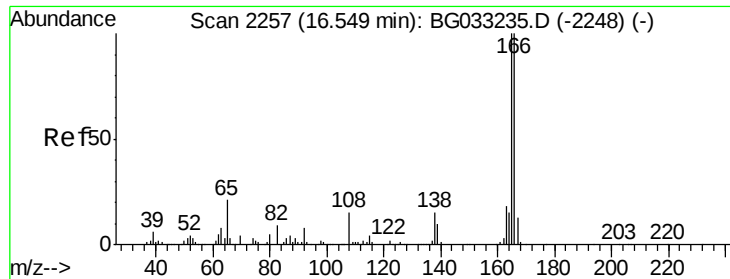
Sohil  
4/12/2018 2:35:30 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.927 ng  
RT: 15.81 min Scan# 2131  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.1  | 42.0  | 63.0  |
| 89      | 75.4  | 66.9  | 100.3 |
| 182     | 3.0   | 2.6   | 3.8   |





#57

Fluorene

Concen: 40.157 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

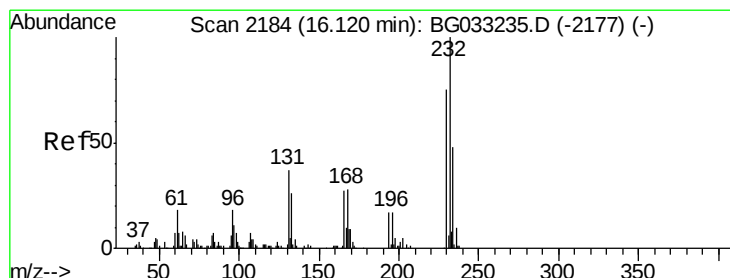
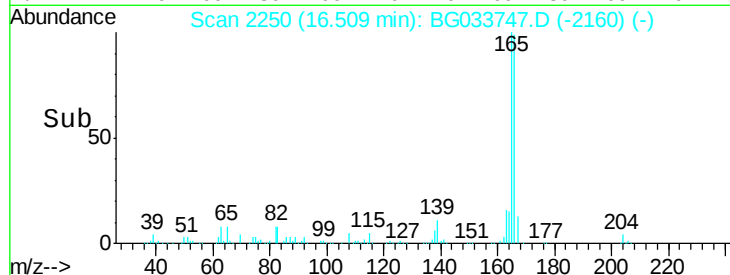
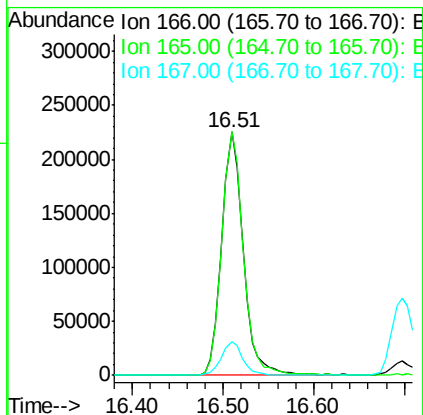
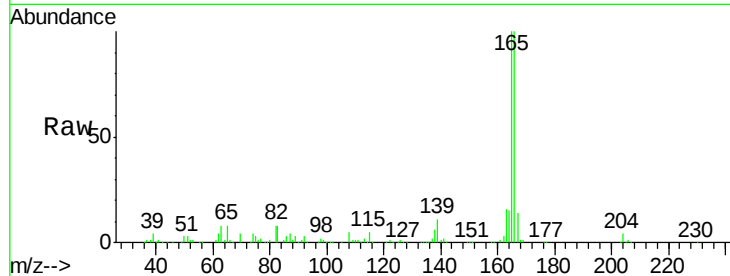
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 372464 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.1 | 80.6  | 121.0  |
| 167       | 13.8  | 10.4  | 15.6   |

Manual Integrations  
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Sohil  
4/12/2018 2:35:30 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.380 ng m

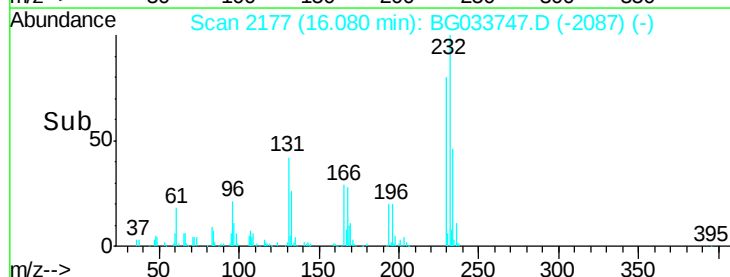
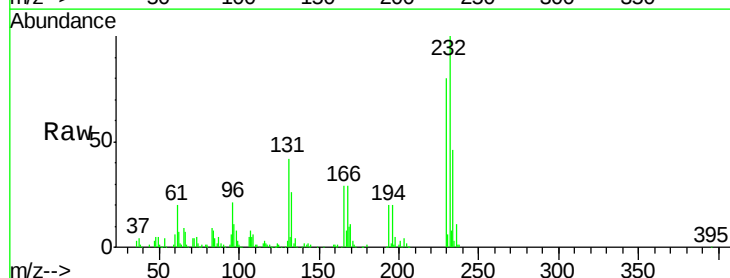
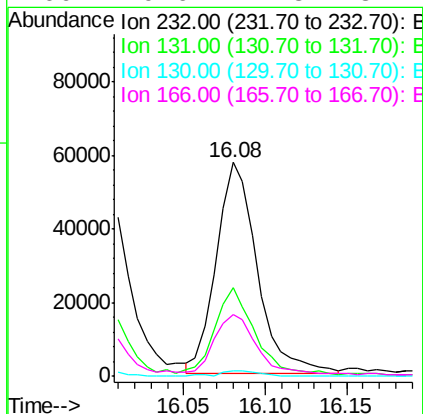
RT: 16.08 min Scan# 2177

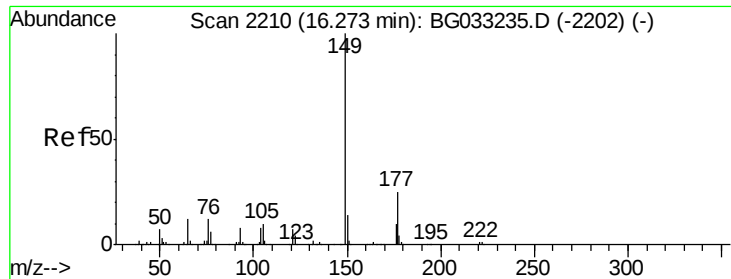
Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 101220 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 40.0  | 33.5  | 50.3   |
| 130       | 2.2   | 2.2   | 3.2    |
| 166       | 29.6  | 24.8  | 37.2   |





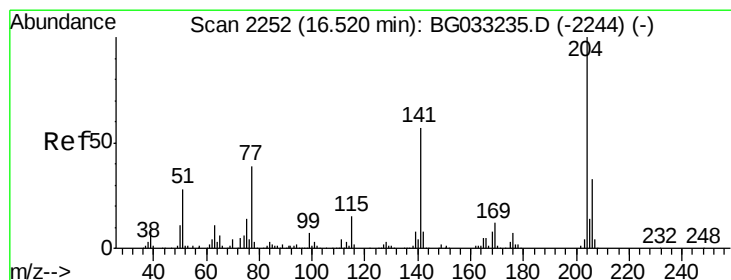
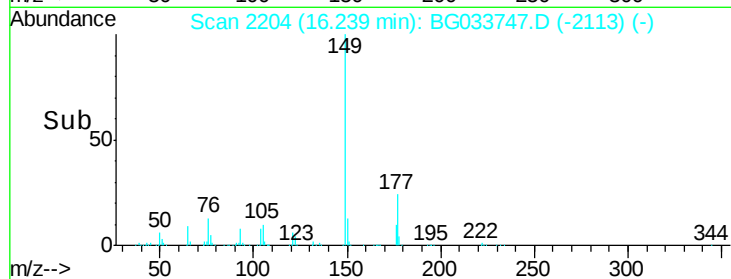
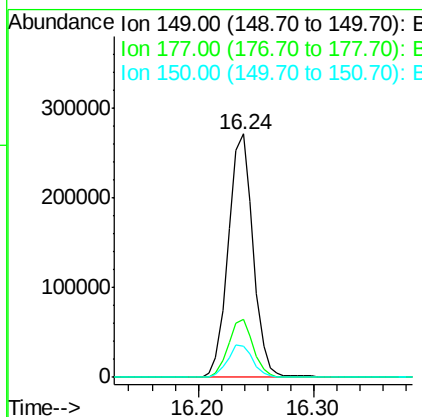
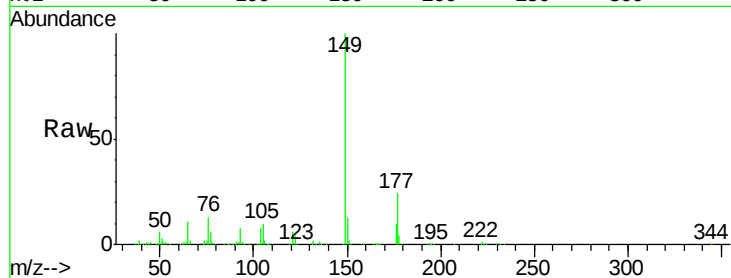
#59  
Diethylphthalate  
Concen: 41.220 ng  
RT: 16.24 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 402780 |       |       |
| 177     | 24.1  |        | 18.5  | 27.7  |
| 150     | 12.5  |        | 10.2  | 15.2  |

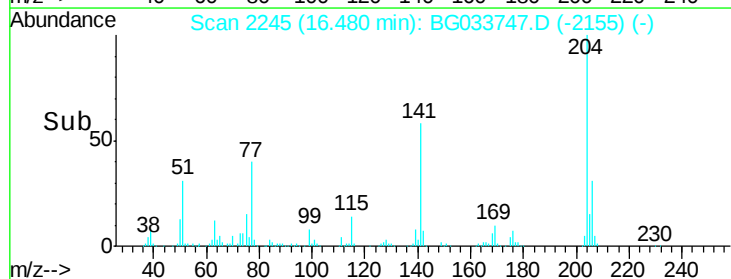
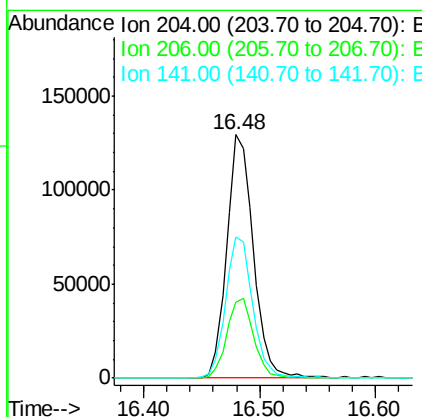
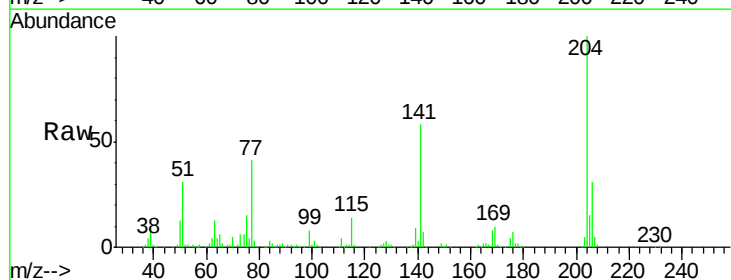
Manual Integrations  
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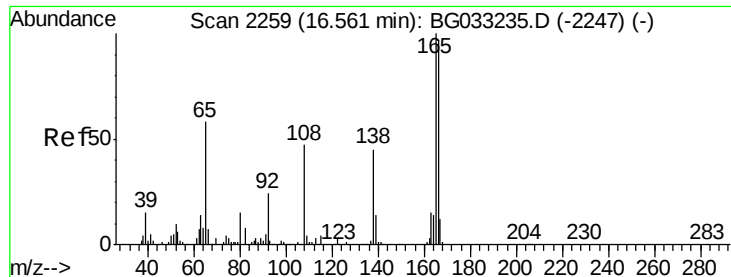
Sohil  
4/12/2018 2:35:30 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 38.760 ng  
RT: 16.48 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 206657 |       |       |
| 206     | 31.3  |        | 26.2  | 39.2  |
| 141     | 58.0  |        | 45.8  | 68.6  |





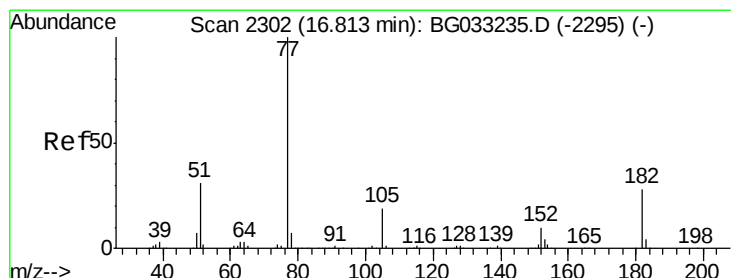
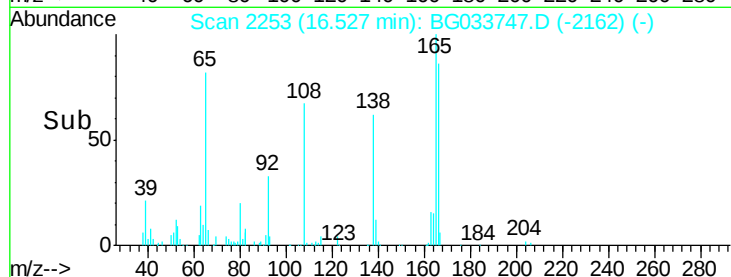
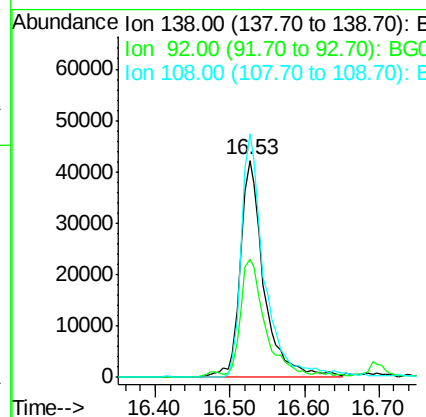
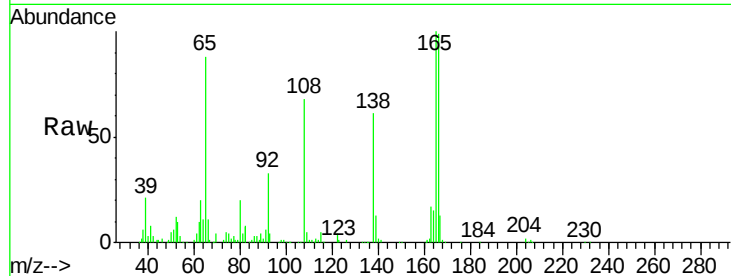
#61  
4-Nitroaniline  
Concen: 42.767 ng  
RT: 16.53 min Scan# 2253  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.2  | 40.1  | 80.1  |
| 108     | 112.0 | 65.4  | 105.4 |

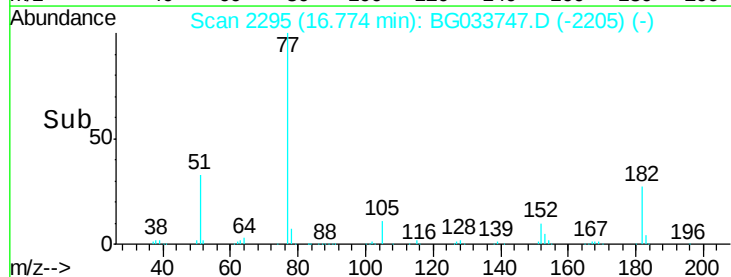
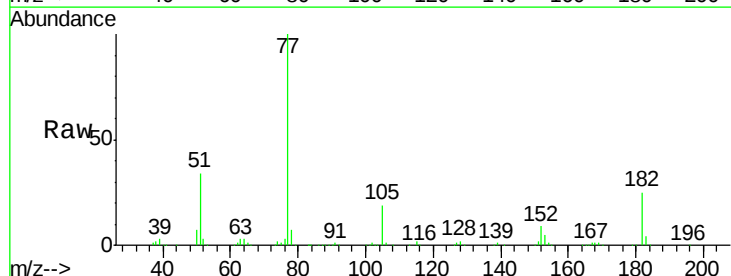
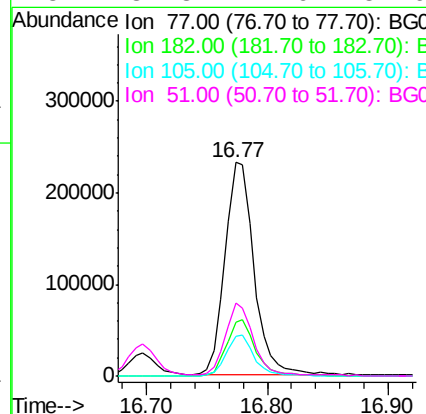
Manual Integrations  
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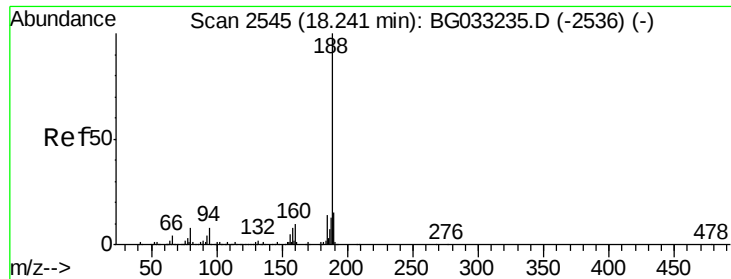
Sohil  
4/12/2018 2:35:30 PM



#62  
Azobenzene  
Concen: 40.899 ng  
RT: 16.77 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.4  | 7.4   | 47.4  |
| 105     | 18.5  | 0.3   | 40.3  |
| 51      | 34.3  | 11.6  | 51.6  |





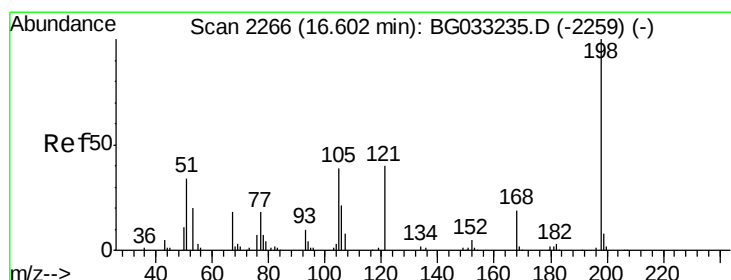
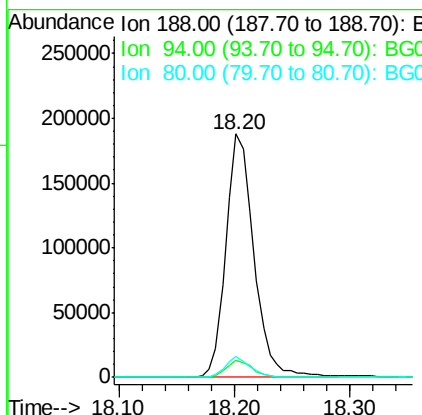
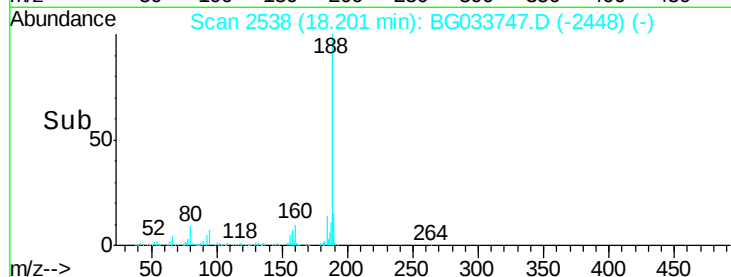
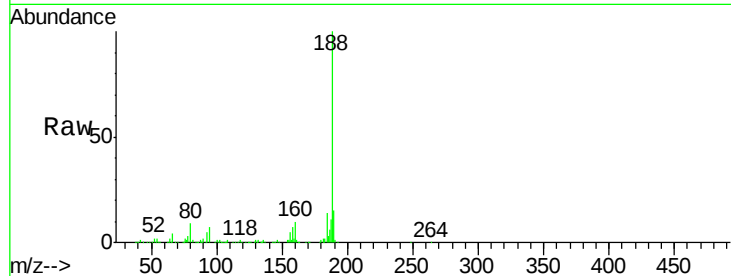
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.20 min Scan# 2538  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 315705 |       |       |
| 94      | 6.8   |        | 6.9   | 10.3# |
| 80      | 8.7   |        | 7.7   | 11.5  |

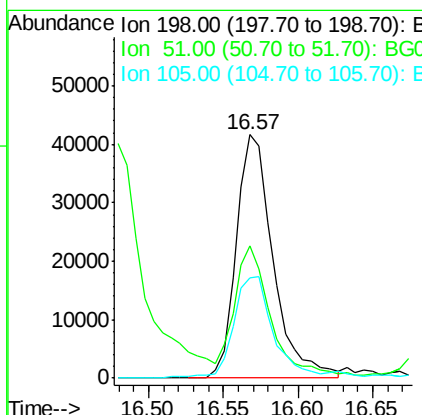
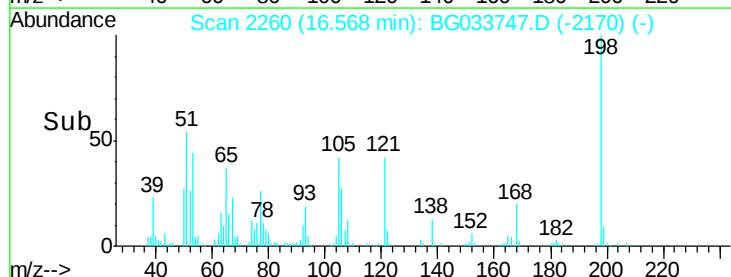
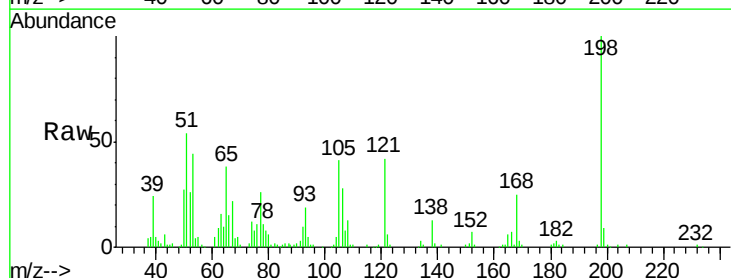
Manual Integrations  
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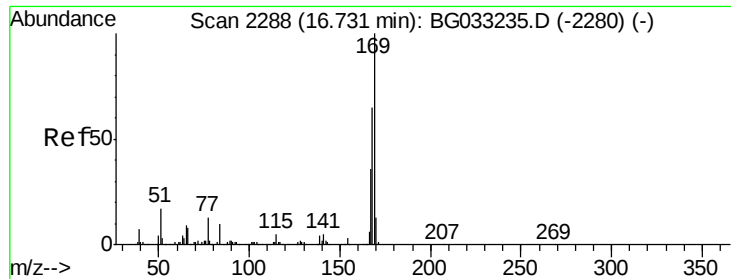
Sohil  
4/12/2018 2:35:30 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.925 ng  
RT: 16.57 min Scan# 2260  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 71626 |       |       |
| 51      | 54.3  |       | 30.6  | 70.6  |
| 105     | 41.4  |       | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 38.218 ng

RT: 16.70 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

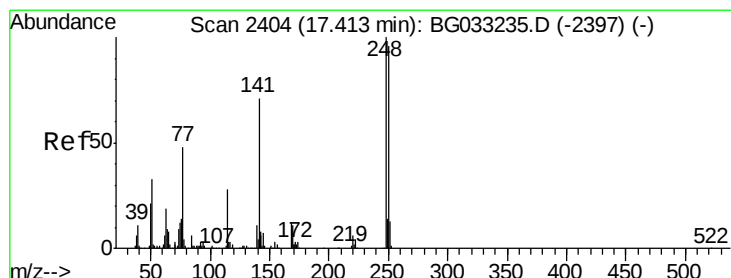
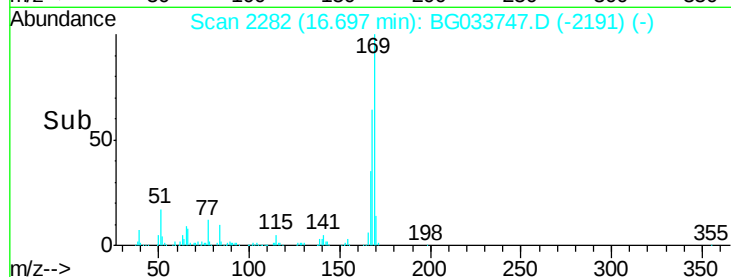
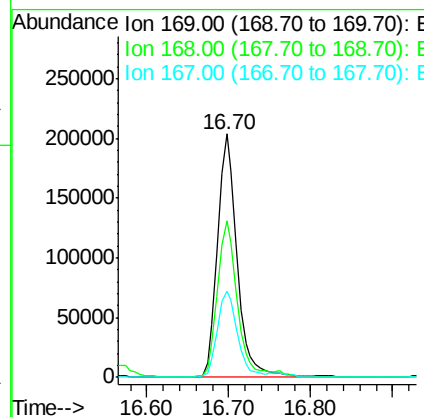
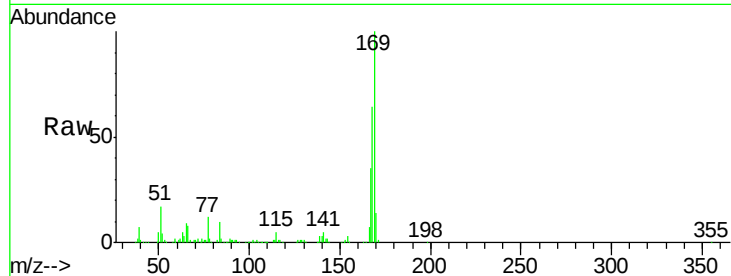
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 169     | 100  |       | 344453 |       |       |
| 168     | 64.1 | 55.7  | 83.5   |       |       |
| 167     | 35.2 | 30.1  | 45.1   |       |       |

Manual Integrations  
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Sohil  
4/12/2018 2:35:30 PM



#66

4-Bromophenyl-phenylether

Concen: 36.340 ng

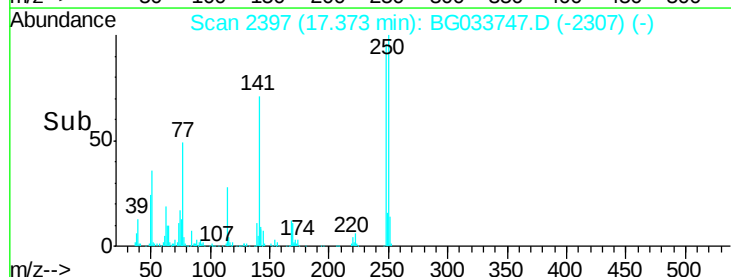
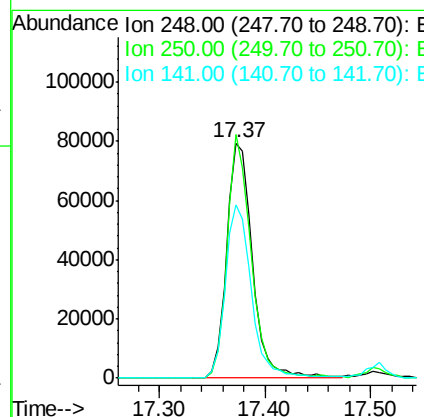
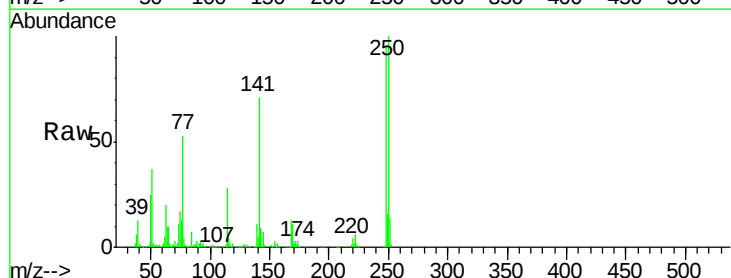
RT: 17.37 min Scan# 2397

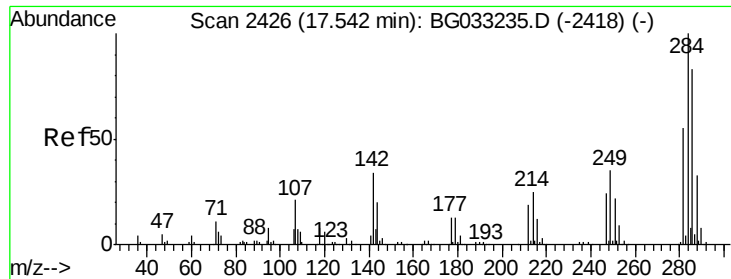
Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 248     | 100   |       | 134736 |       |       |
| 250     | 103.7 | 77.1  | 115.7  |       |       |
| 141     | 73.9  | 50.8  | 76.2   |       |       |





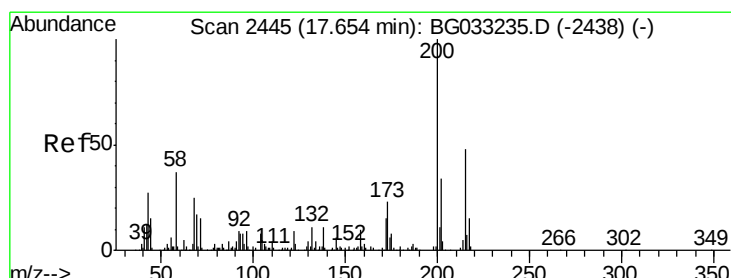
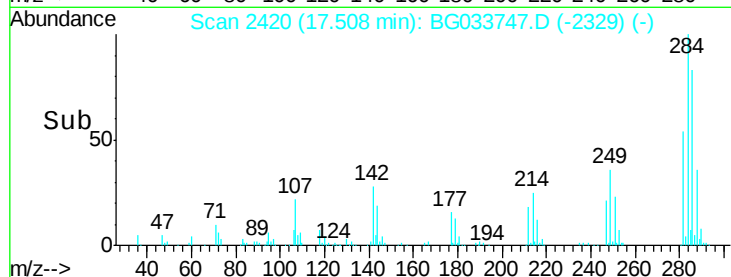
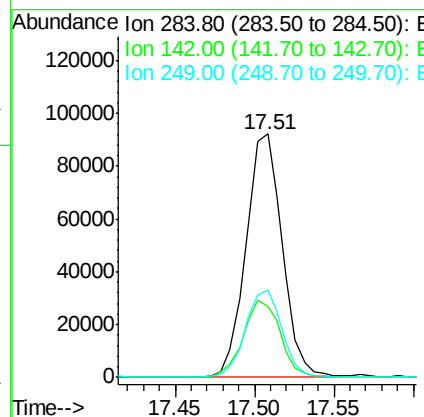
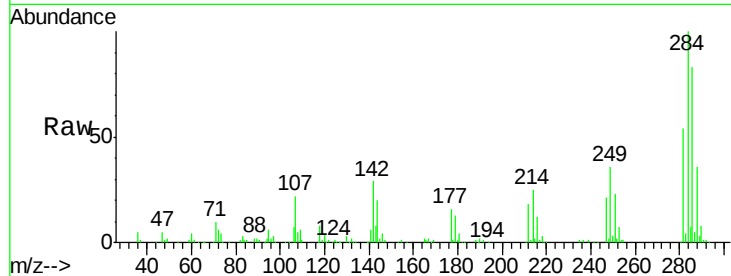
#67  
Hexachlorobenzene  
Concen: 37.397 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 146331 |       |       |
| 142     | 29.2  | 26.8   | 40.2  |       |
| 249     | 35.9  | 26.3   | 39.5  |       |

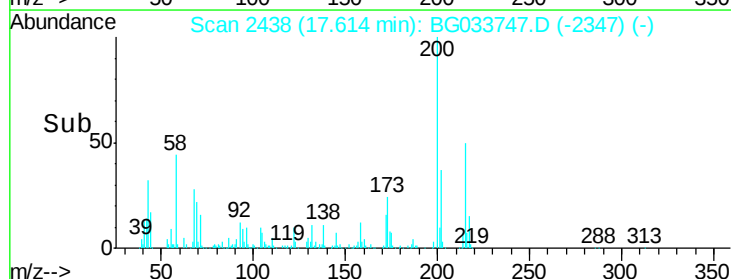
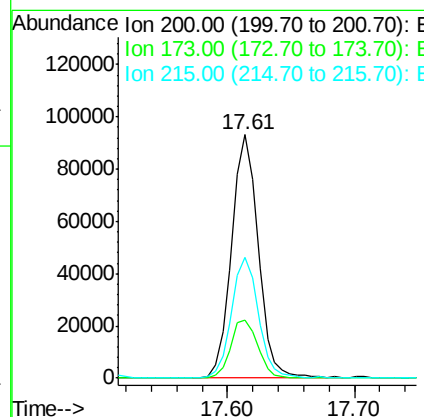
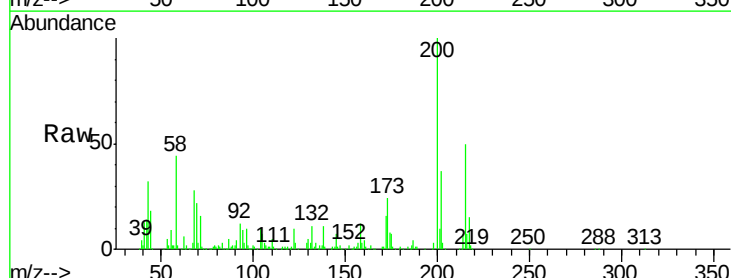
Manual Integrations  
APPROVED

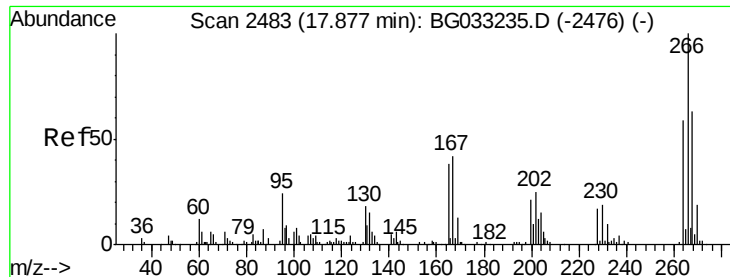
Sohil  
4/12/2018 2:35:30 PM



#68  
Atrazine  
Concen: 37.134 ng  
RT: 17.61 min Scan# 2438  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 135622 |       |       |
| 173     | 24.0  | 5.2    | 45.2  |       |
| 215     | 49.5  | 30.4   | 70.4  |       |





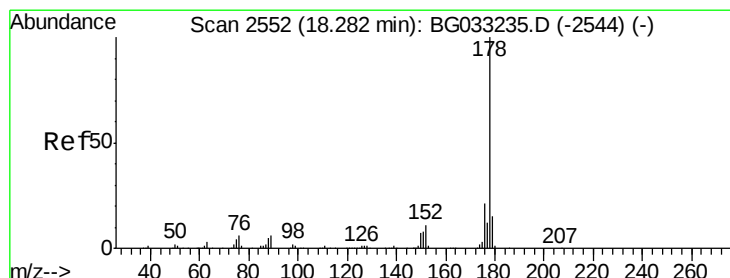
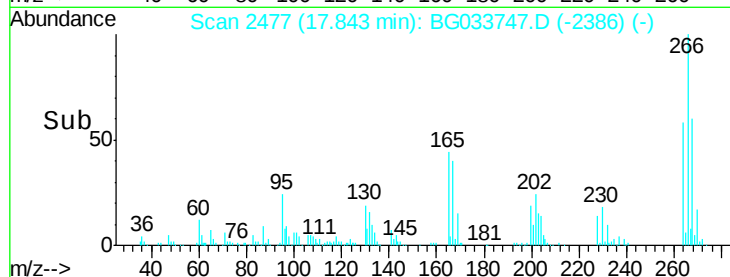
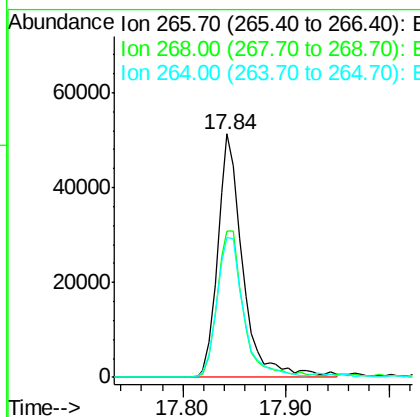
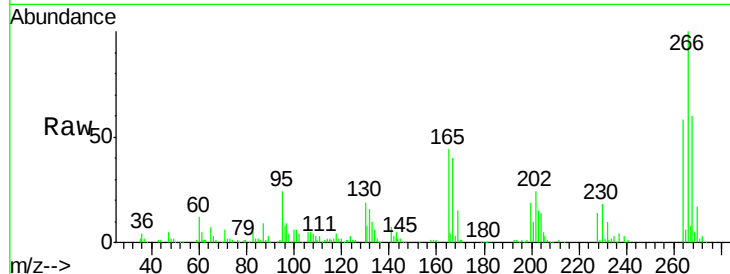
#69  
 Pentachlorophenol  
 Concen: 32.199 ng/mL  
 RT: 17.84 min Scan# 2477  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 59.8  | 51.1  | 76.7  |
| 264     | 57.7  | 49.6  | 74.4  |

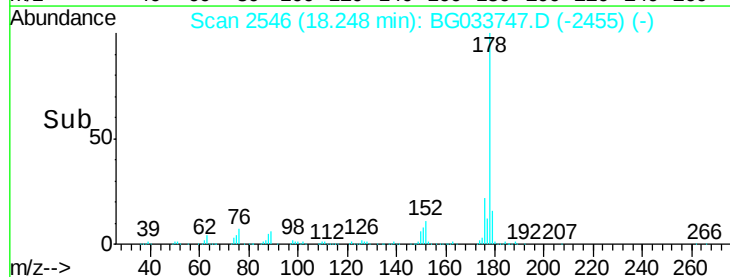
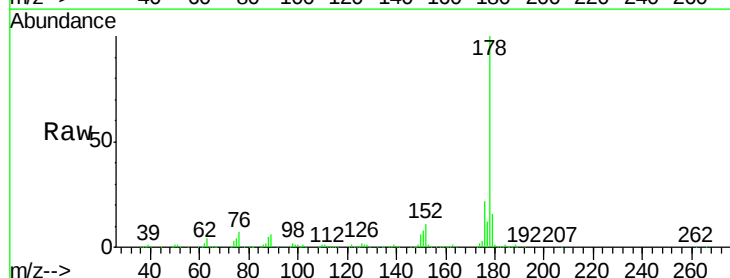
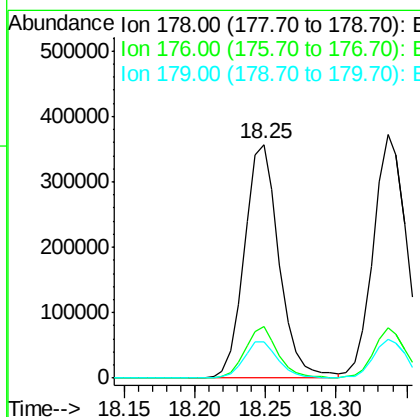
Manual Integrations  
 APPROVED

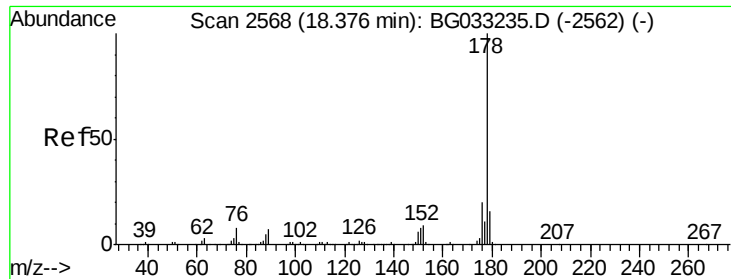
Sohil  
 4/12/2018 2:35:30 PM



#70  
 Phenanthrene  
 Concen: 37.419 ng/mL  
 RT: 18.25 min Scan# 2546  
 Delta R.T. 0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.0  | 15.7  | 23.5  |
| 179     | 15.5  | 12.5  | 18.7  |





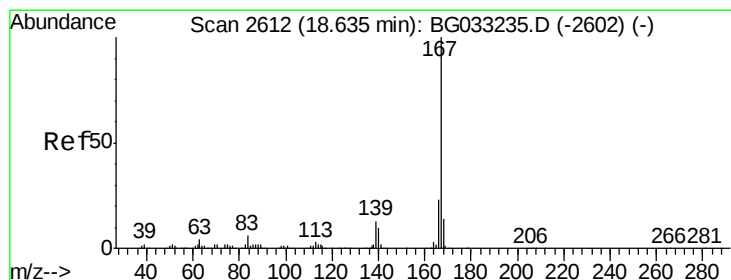
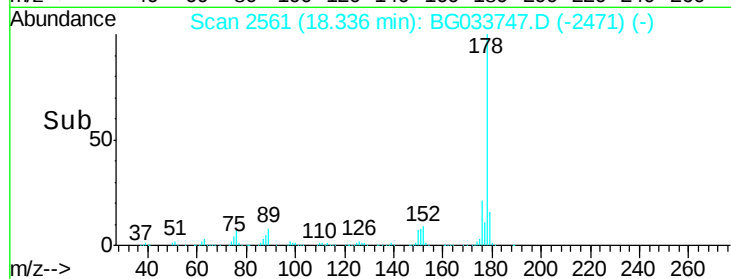
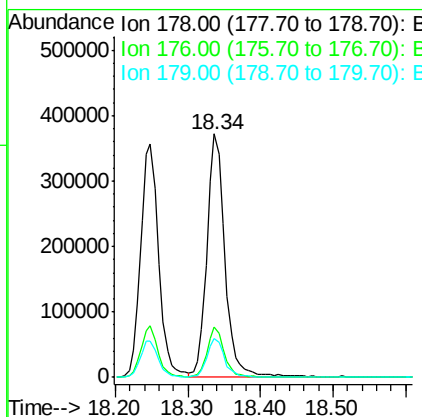
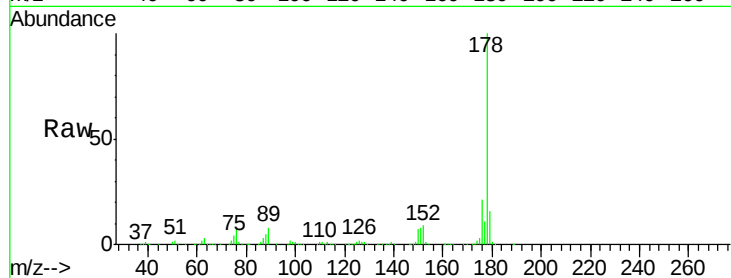
#71  
 Anthracene  
 Concen: 38.483 ng  
 RT: 18.34 min Scan# 2561  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 16.0  | 24.0  |
| 179     | 15.7  | 12.5  | 18.7  |

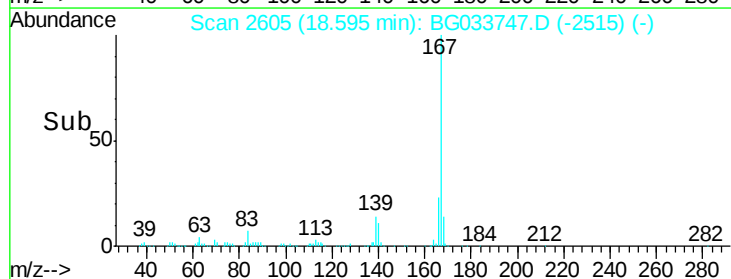
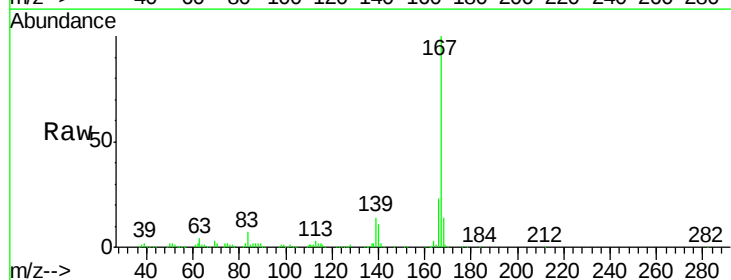
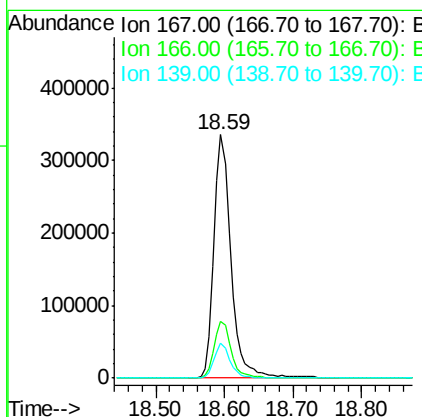
Manual Integrations  
 APPROVED

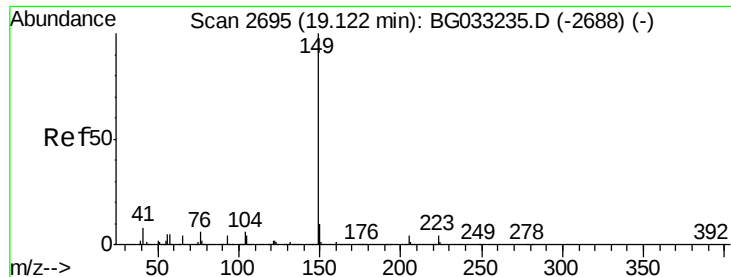
Sohil  
 4/12/2018 2:35:30 PM



#72  
 Carbazole  
 Concen: 39.422 ng  
 RT: 18.59 min Scan# 2605  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 18.2  | 27.4  |
| 139     | 14.2  | 9.4   | 14.2# |





#73

Di-n-butylphthalate

Concen: 40.506 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

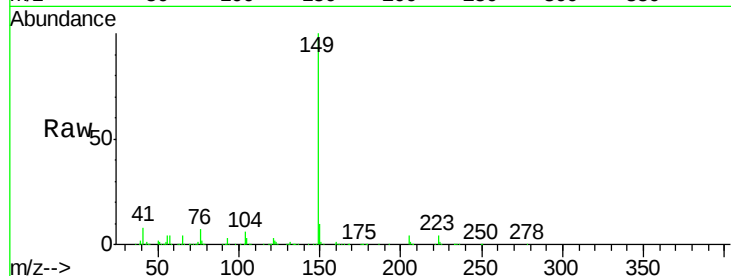
ClientSampleId :

SSTDCCC040

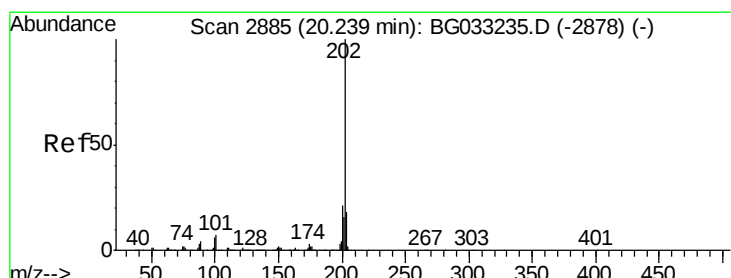
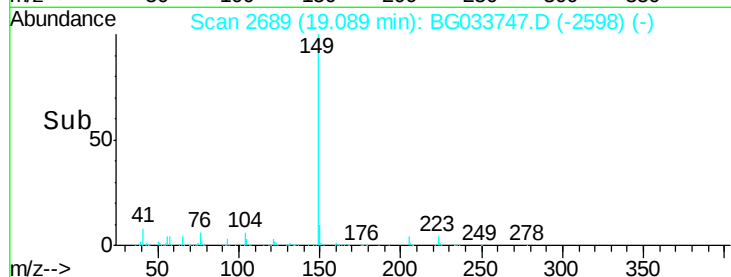
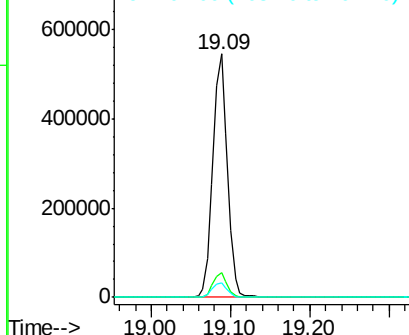
| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 149     | 100 |       | 695531 |       |       |
| 150     | 9.9 | 7.8   | 11.6   |       |       |
| 104     | 5.8 | 3.9   | 5.9    |       |       |

Manual Integrations  
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Sohil  
4/12/2018 2:35:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.335 ng

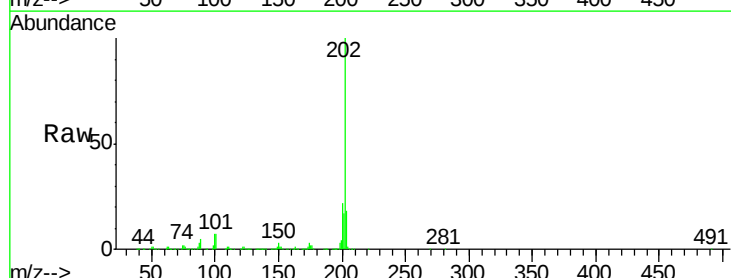
RT: 20.20 min Scan# 2878

Delta R.T. -0.00 min

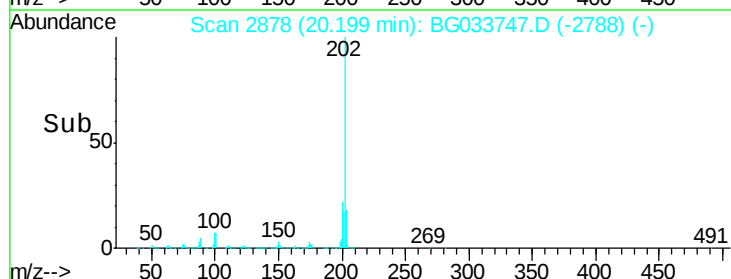
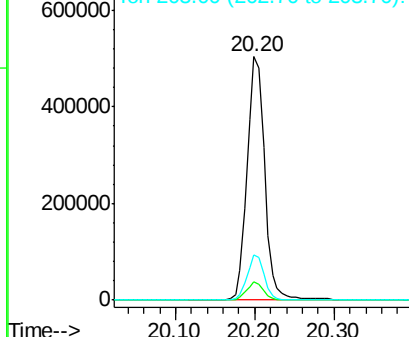
Lab File: BG033747.D

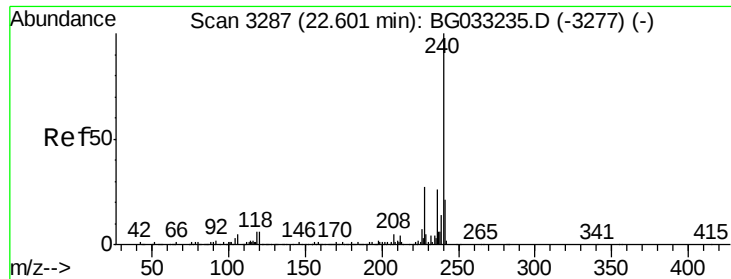
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 779993 |       |       |
| 101     | 7.3  | 0.0   | 28.9   |       |       |
| 203     | 18.4 | 0.0   | 37.5   |       |       |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





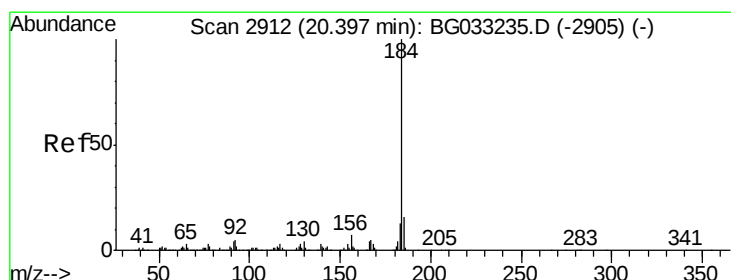
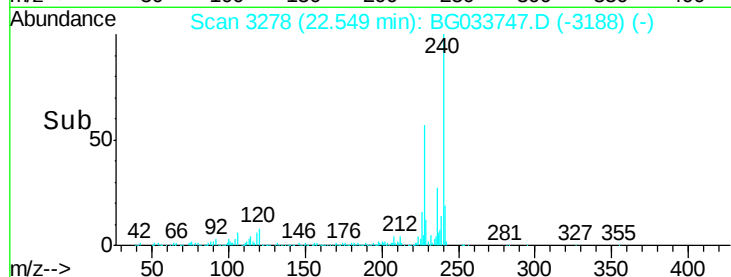
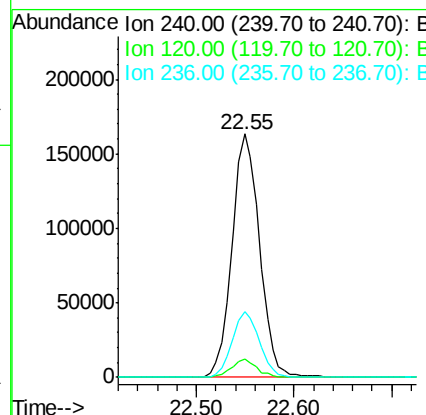
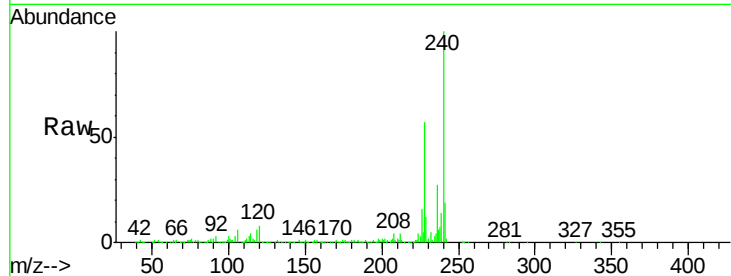
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.55 min Scan# 3278  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.7   | 6.8   | 10.2  |
| 236     | 26.8  | 20.9  | 31.3  |

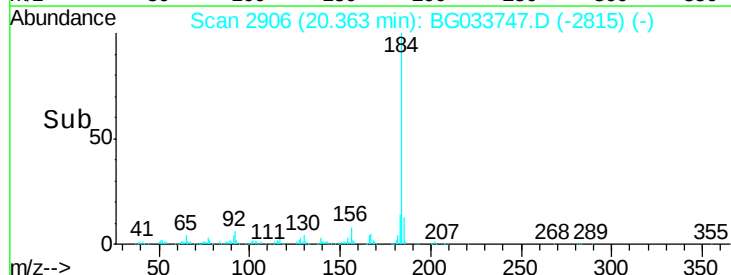
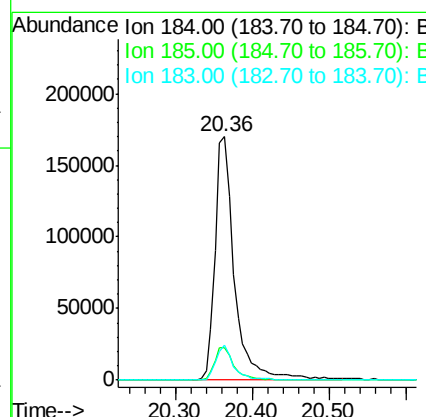
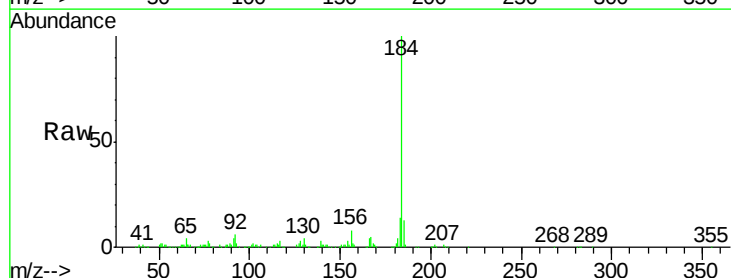
Manual Integrations  
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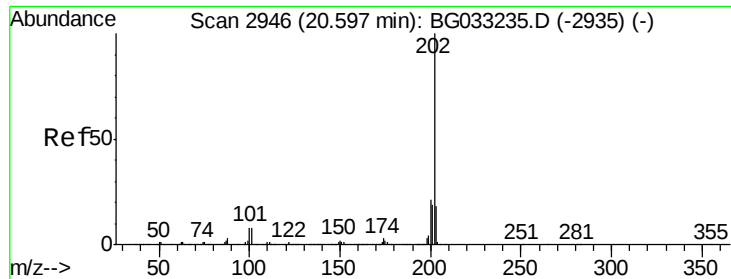
Sohil  
4/12/2018 2:35:30 PM



#76  
Benzidine  
Concen: 34.007 ng  
RT: 20.36 min Scan# 2906  
Delta R.T. 0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.4  | 11.1  | 16.7  |
| 183     | 14.4  | 10.6  | 16.0  |





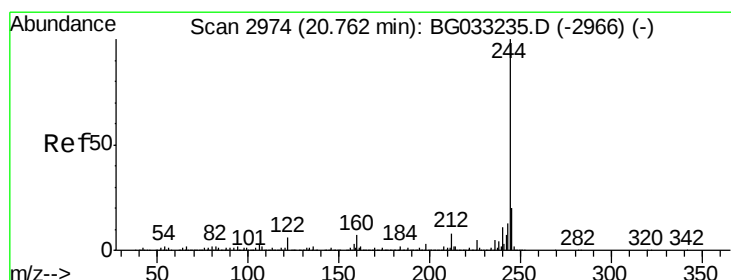
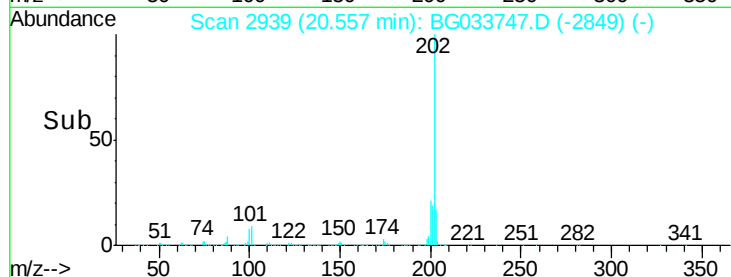
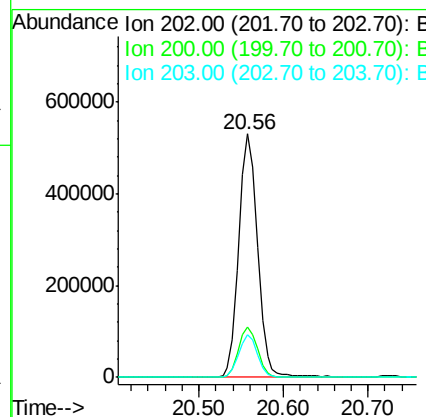
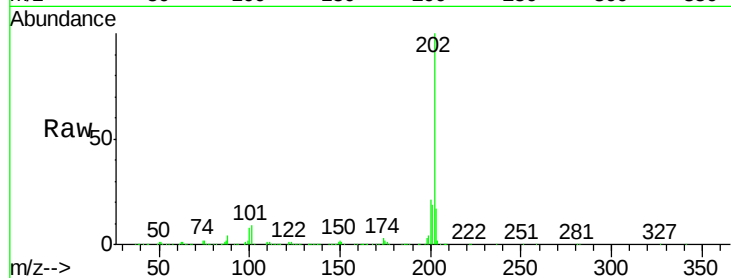
#77  
Pvrene  
Concen: 37.769 ng  
RT: 20.56 min Scan# 2939  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.8  | 16.9  | 25.3  |
| 203     | 17.4  | 13.9  | 20.9  |

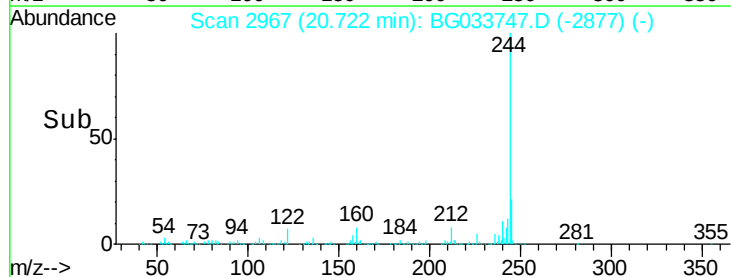
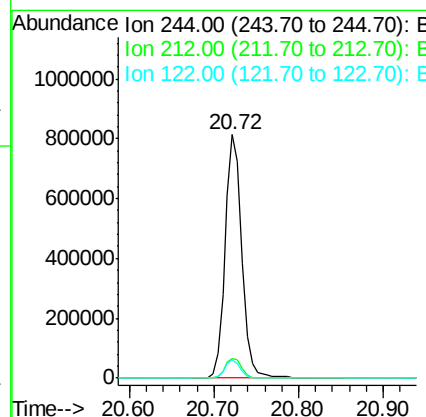
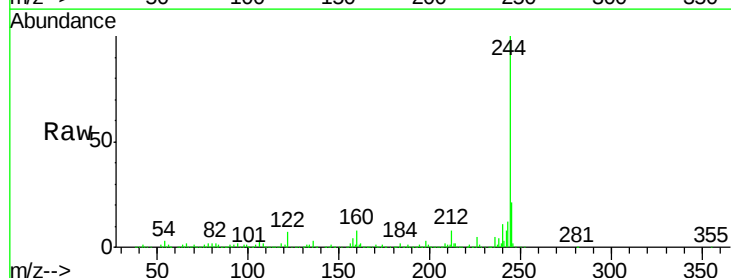
Manual Integrations  
APPROVED

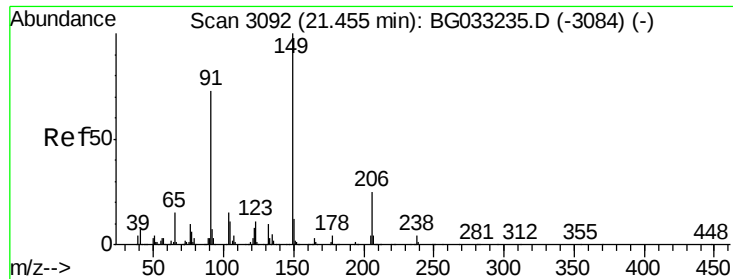
Sohil  
4/12/2018 2:35:30 PM



#78  
Terphenyl-d14  
Concen: 74.985 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.2   | 5.8   | 8.8   |
| 122     | 7.5   | 7.0   | 10.4  |





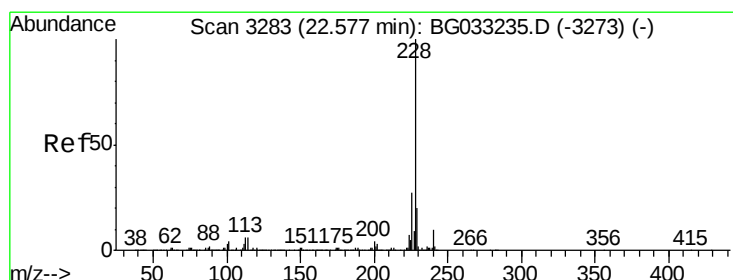
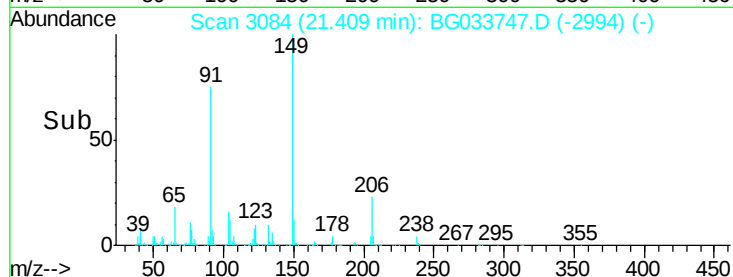
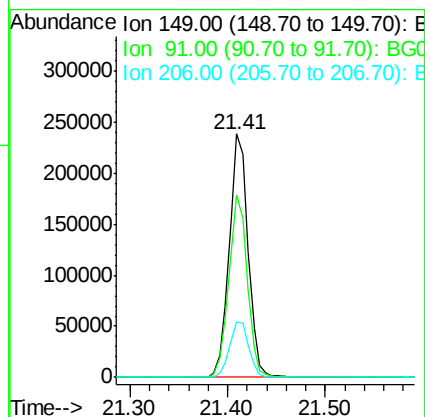
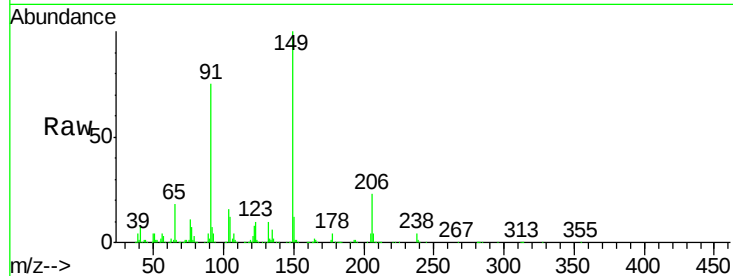
#79  
Butylbenzylphthalate  
Concen: 40.626 ng  
RT: 21.41 min Scan# 3084  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 75.0  | 62.2  | 93.2  |
| 206     | 22.6  | 18.6  | 27.8  |

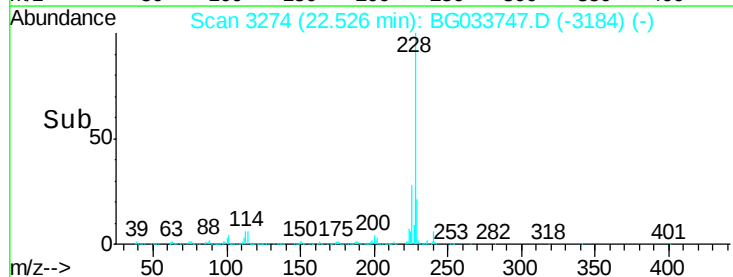
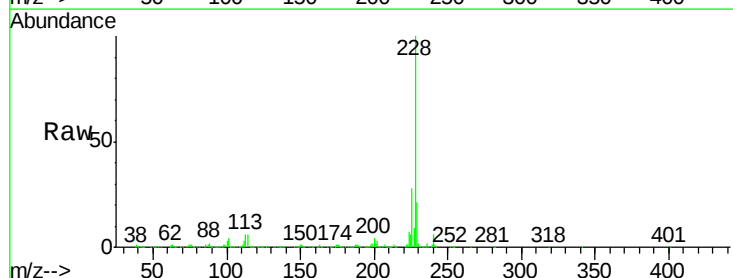
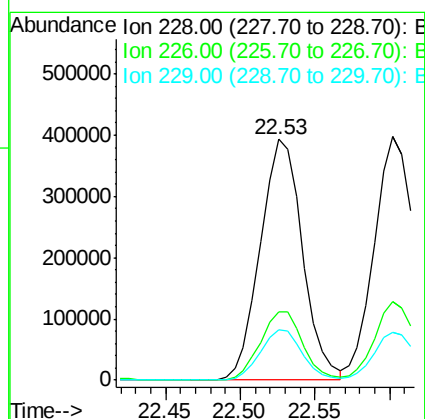
Manual Integrations  
APPROVED

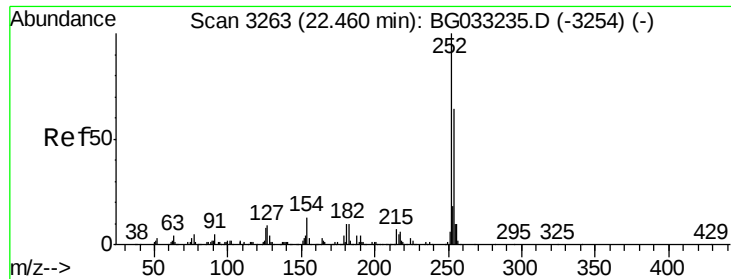
Sohil  
4/12/2018 2:35:30 PM



#80  
Benzo(a)anthracene  
Concen: 37.991 ng  
RT: 22.53 min Scan# 3274  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 22.7  | 34.1  |
| 229     | 21.0  | 16.2  | 24.2  |





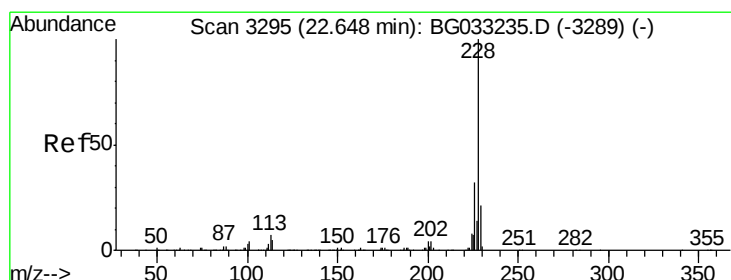
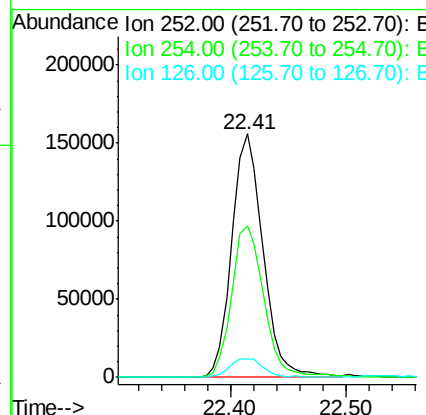
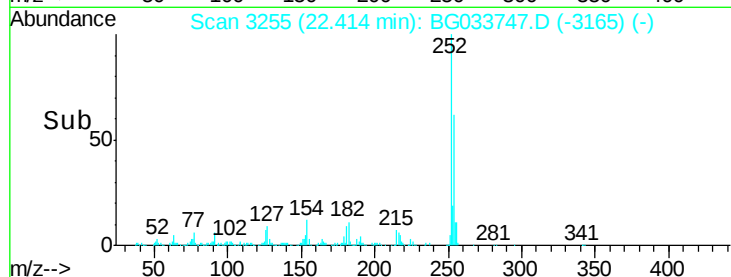
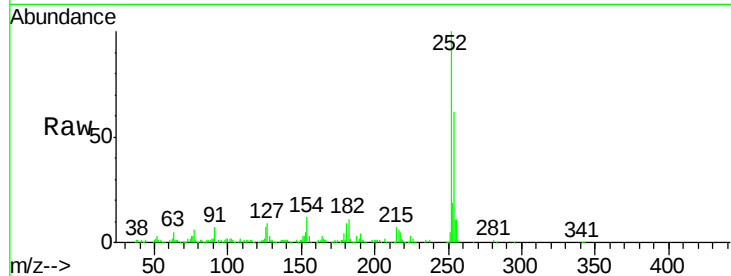
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.434 ng  
 RT: 22.41 min Scan# 3255  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.2  | 50.8  | 76.2  |
| 126     | 7.3   | 7.4   | 11.2  |

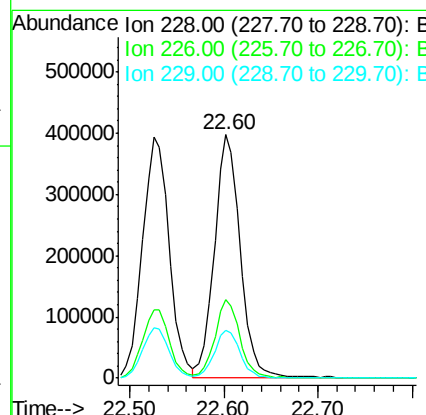
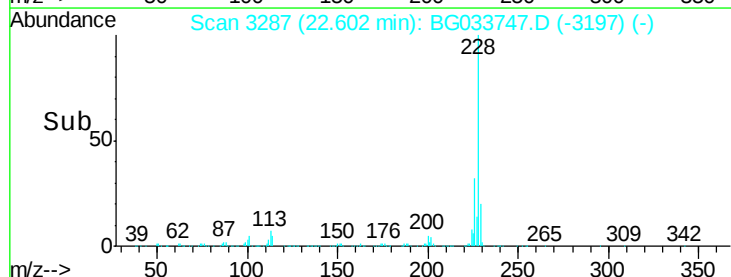
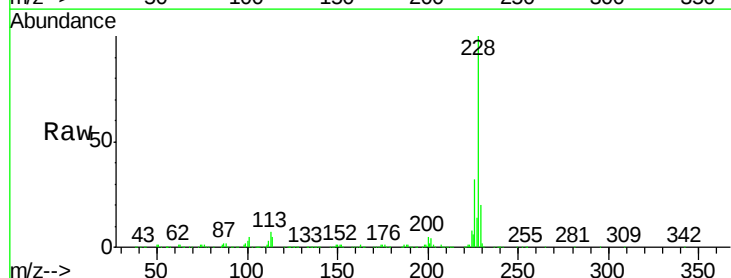
Manual Integrations  
 APPROVED

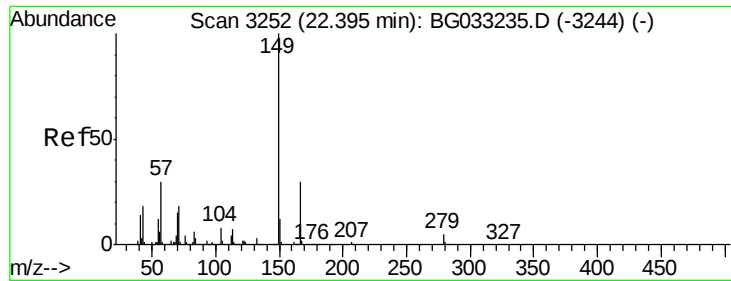
Sohil  
 4/12/2018 2:35:30 PM



#82  
 Chrysene  
 Concen: 38.543 ng  
 RT: 22.60 min Scan# 3287  
 Delta R.T. -0.00 min  
 Lab File: BG033747.D  
 Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 24.9  | 37.3  |
| 229     | 19.7  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.274 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

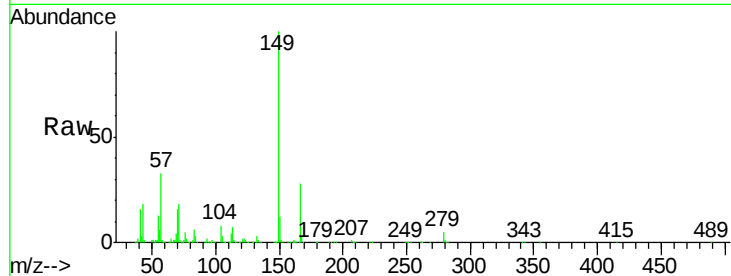
ClientSampleId :

SSTDCCC040

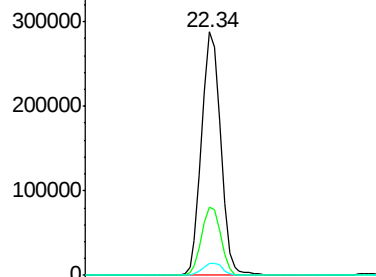
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 447958 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.0  | 24.3  | 36.5   |
| 279       | 5.1   | 4.0   | 6.0    |

Manual Integrations  
APPROVED

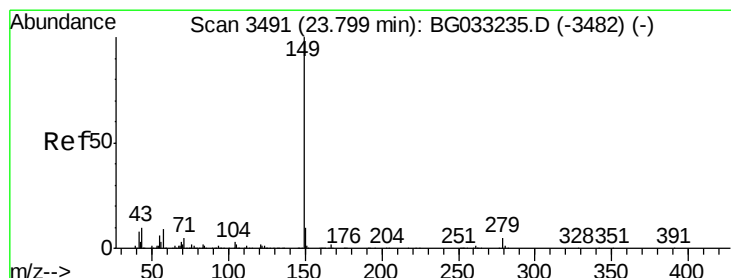
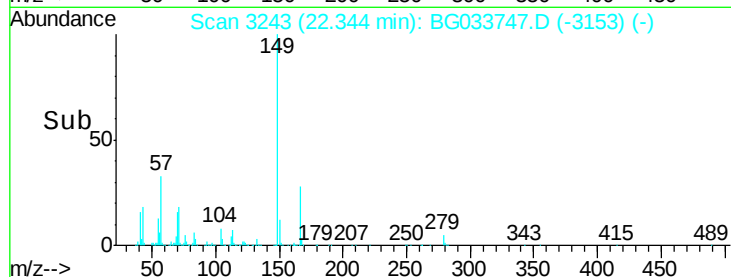
Sohil  
4/12/2018 2:35:30 PM



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



Time--> 22.20 22.30 22.40 22.50



#84

Di-n-octyl phthalate

Concen: 43.203 ng

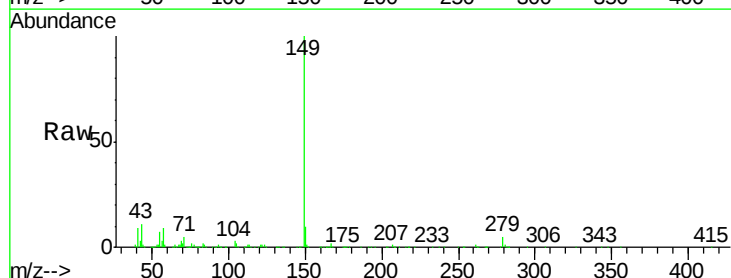
RT: 23.74 min Scan# 3480

Delta R.T. -0.00 min

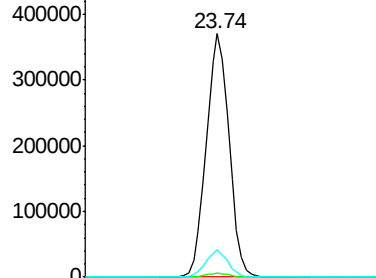
Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

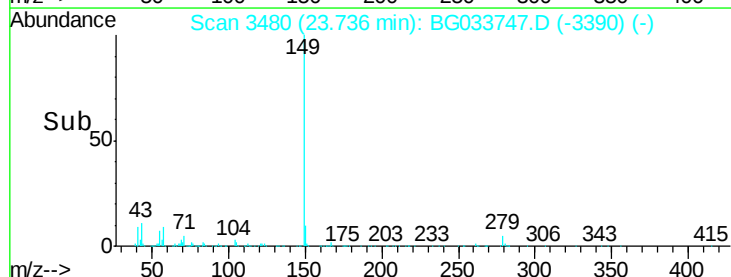
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 717920 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.0    |
| 43        | 11.2  | 8.9   | 13.3   |

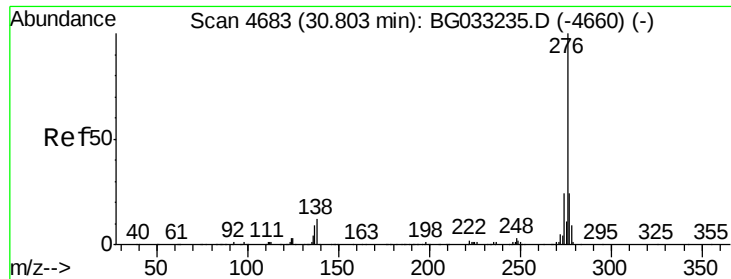


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC



Time--> 23.60 23.70 23.80 23.90





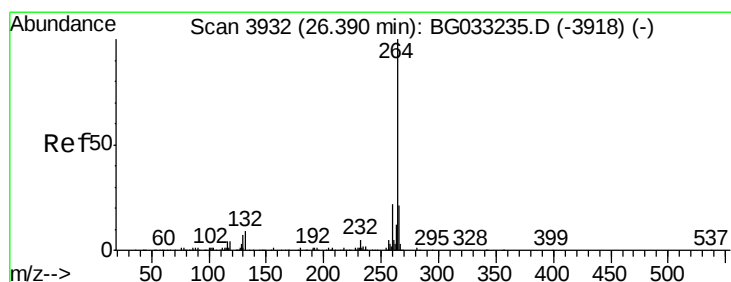
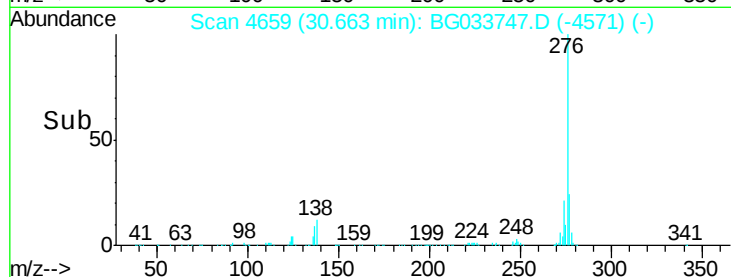
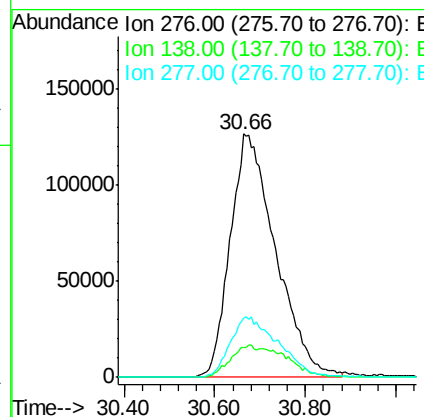
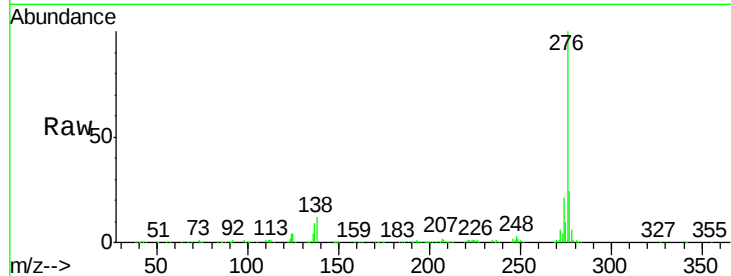
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 41.233 ng  
RT: 30.66 min Scan# 4659  
Delta R.T. -0.02 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.5   | 16.0  | 24.0# |
| 277     | 26.3  | 20.0  | 30.0  |

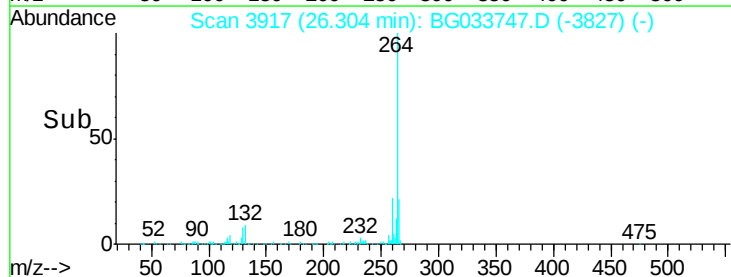
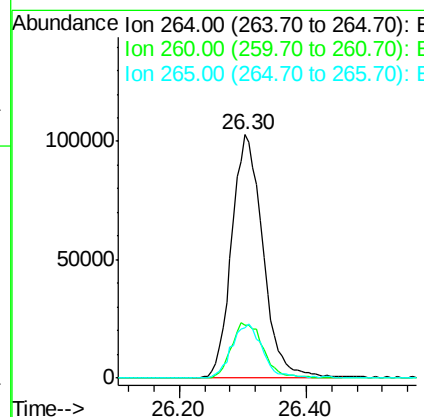
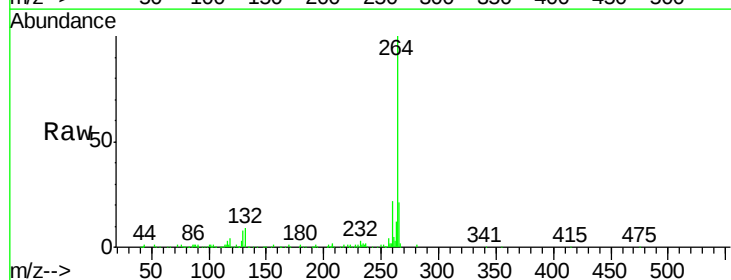
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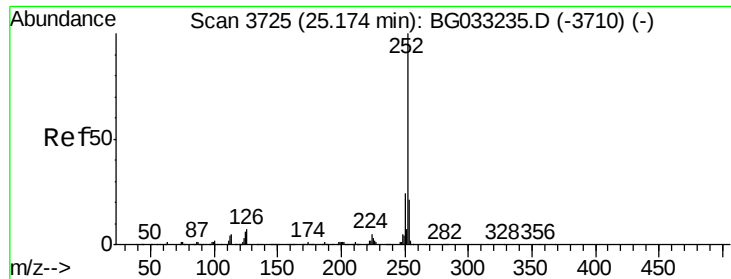
Sohil  
4/12/2018 2:35:30 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.30 min Scan# 3917  
Delta R.T. -0.00 min  
Lab File: BG033747.D  
Acq: 11 Apr 2018 16:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 17.4  | 26.0  |
| 265     | 20.7  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 37.582 ng

RT: 25.10 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

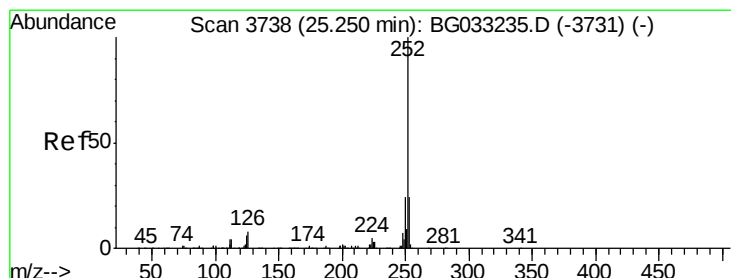
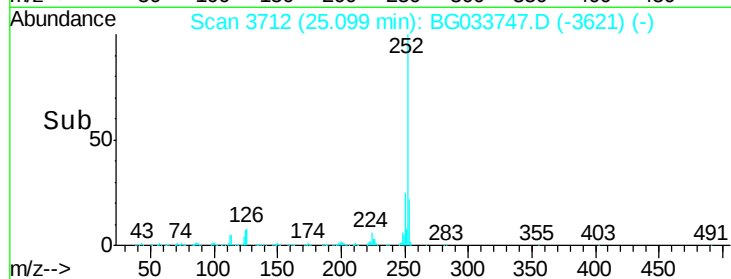
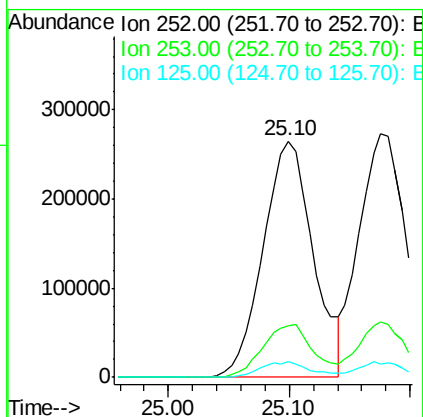
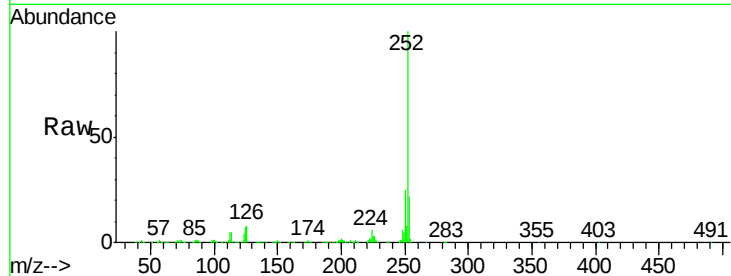
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 762784 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 18.2  | 27.4   |
| 125       | 6.7   | 7.2   | 10.8#  |

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#88

Benzo(k)fluoranthene

Concen: 37.092 ng m

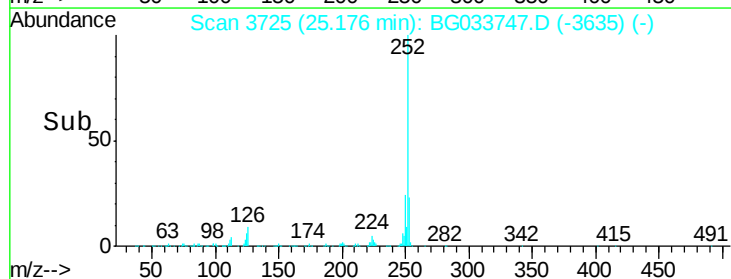
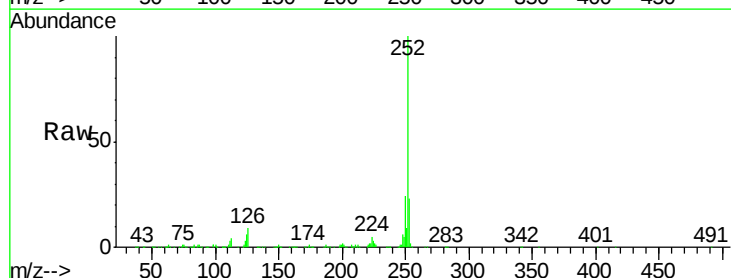
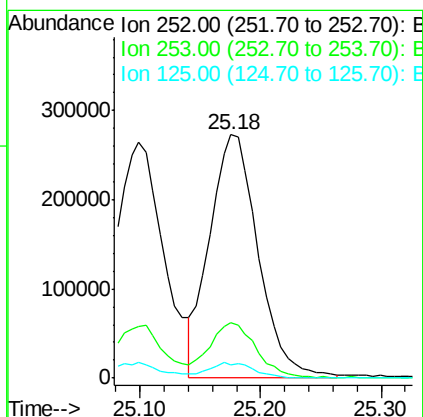
RT: 25.18 min Scan# 3725

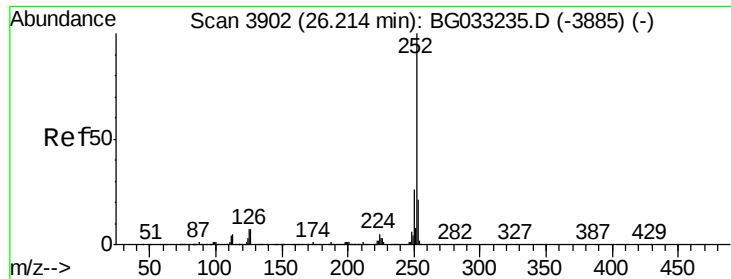
Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 761413 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 17.4  | 26.2   |
| 125       | 5.6   | 6.6   | 9.8#   |





#89

Benzo(a)pyrene

Concen: 38.136 ng

RT: 26.13 min Scan# 3887

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

Instrument :

BNA\_G

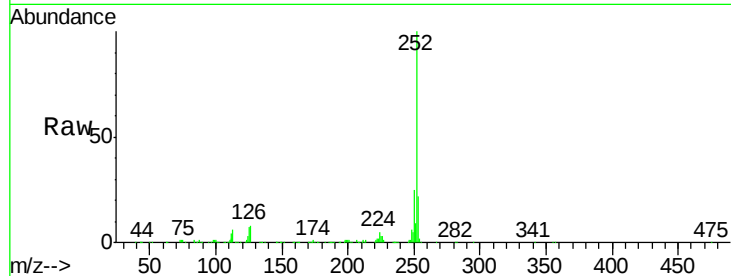
ClientSampleId :

SSTDCCC040

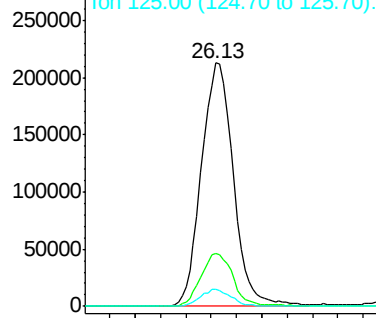
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 743336 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 18.3  | 27.5   |
| 125       | 6.8   | 7.3   | 10.9#  |

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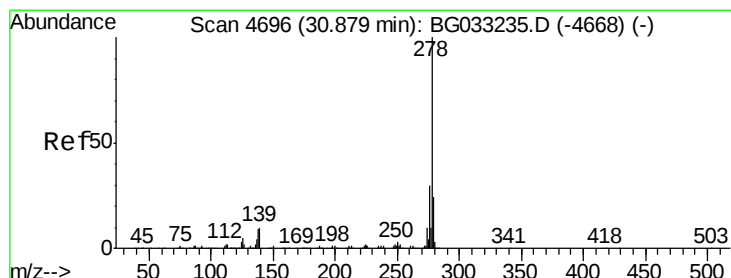
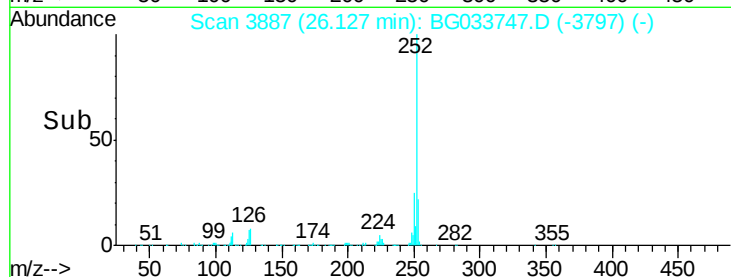
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4/12/2018 2:35:30 PM



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 39.260 ng

RT: 30.76 min Scan# 4675

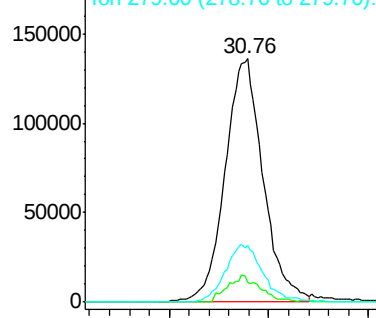
Delta R.T. 0.01 min

Lab File: BG033747.D

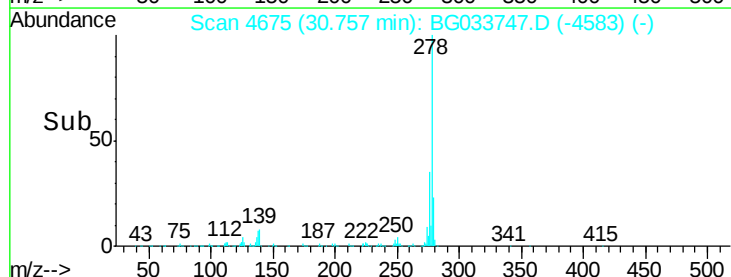
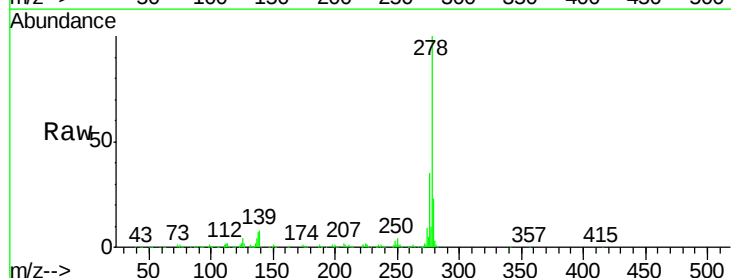
Acq: 11 Apr 2018 16:16

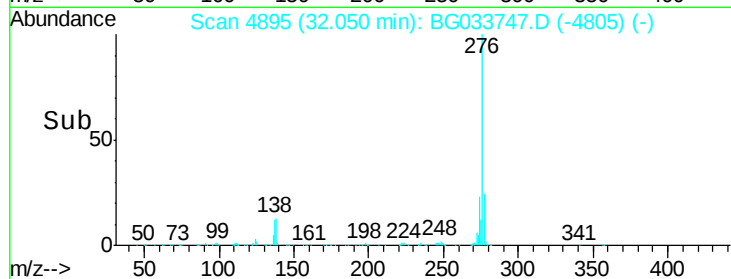
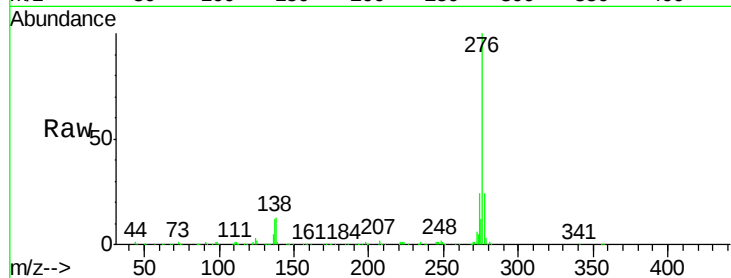
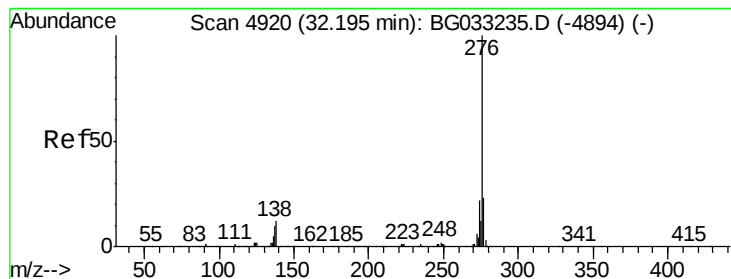
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 720820 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 8.1   | 9.8   | 14.6#  |
| 279       | 23.2  | 18.4  | 27.6   |

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



Time-->





#91

Benzo(a,h,i)perylene

Concen: 39.142 ng

RT: 32.05 min Scan# 4895

Delta R.T. -0.00 min

Lab File: BG033747.D

Acq: 11 Apr 2018 16:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 711641 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.1  | 18.3  | 27.5   |
| 138       | 13.2  | 13.9  | 20.9   |

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Manual Integrations  
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4/12/2018 2:35:30 PM

