

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\  
 Data File : BG036192.D  
 Acq On : 8 Aug 2018 11:23  
 Operator : JU/SJ  
 Sample : J4297-01MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
 APPROVED

Sohil  
 8/8/2018 5:55:15 PM

Quant Time: Aug 08 12:38:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 26964    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.81 | 136  | 99941    | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.64 | 164  | 69590    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.38 | 188  | 202730   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.64 | 240  | 231278   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.83 | 264  | 220575   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 159453 | 98.18  | ng | 0.00  |
| 7) Phenol-d6             | 7.18  | 99  | 229765 | 94.82  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 154504 | 64.58  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 113953 | 124.23 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 335935 | 64.67  | ng | -0.02 |
| 78) Terphenyl-d14        | 19.98 | 244 | 699551 | 66.67  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 19873   | 24.041 | ng | # 73   |
| 3) Pyridine                    | 3.90  | 79  | 51410   | 23.823 | ng | # 69   |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 24535   | 26.479 | ng | # 68   |
| 6) Aniline                     | 7.34  | 93  | 45545   | 14.501 | ng | 95     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 52073   | 31.525 | ng | 88     |
| 9) Benzaldehyde                | 7.15  | 77  | 31624   | 21.270 | ng | 94     |
| 10) Phenol                     | 7.21  | 94  | 82515   | 33.706 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 54096   | 28.216 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 60210m  | 30.185 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 63384   | 31.274 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 59730   | 30.678 | ng | 97     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 57757   | 26.248 | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 56429   | 35.107 | ng | 77     |
| 17) 2-Methylphenol             | 8.45  | 107 | 51506   | 30.945 | ng | # 91   |
| 18) Hexachloroethane           | 9.09  | 117 | 24551   | 31.682 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 48591   | 23.813 | ng | # 85   |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 67655   | 29.300 | ng | 87     |
| 22) Acetophenone               | 8.83  | 105 | 92839   | 29.872 | ng | # 89   |
| 24) Nitrobenzene               | 9.21  | 77  | 74155   | 30.821 | ng | # 93   |
| 25) Isophorone                 | 9.73  | 82  | 136668  | 30.774 | ng | 98     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 30951   | 36.221 | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 54180   | 37.458 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 72804   | 29.751 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 57987   | 35.120 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 69327   | 34.242 | ng | 98     |
| 31) Naphthalene                | 10.86 | 128 | 162413  | 31.197 | ng | 99     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 30770   | 13.561 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 54289   | 34.387 | ng | 94     |
| 35) Caprolactam                | 11.74 | 113 | 20153m  | 28.443 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107 | 74147   | 33.503 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 126407m | 32.591 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 89132   | 33.935 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.80 | 237 | 95949   | 69.655 | ng | 95     |
| 42) 2,4,6-Trichlorophenol      | 13.07 | 196 | 55631   | 36.217 | ng | 96     |

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 TP-1MSD

Manual Integrations  
 APPROVED

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 8/8/2018 5:55:15 PM

Quant Time: Aug 08 12:38:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 65635    | 38.197 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 176198   | 32.658 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 138086   | 32.904 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.72 | 65   | 49639    | 33.457 | nq    | 91       |
| 48) Acenaphthylene             | 14.35 | 152  | 231142   | 32.880 | nq    | 98       |
| 49) Dimethylphthalate          | 14.08 | 163  | 243031   | 39.860 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.21 | 165  | 45570    | 36.703 | nq    | 92       |
| 51) Acenaphthene               | 14.70 | 154  | 135827   | 31.017 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.54 | 138  | 24179    | 19.054 | nq #  | 97       |
| 53) 2,4-Dinitrophenol          | 14.76 | 184  | 12028    | 23.871 | nq #  | 60       |
| 54) Dibenzofuran               | 15.03 | 168  | 235479   | 33.811 | nq    | 94       |
| 55) 4-Nitrophenol              | 14.87 | 139  | 52358    | 57.935 | nq #  | 85       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 67922    | 38.132 | nq    | 90       |
| 57) Fluorene                   | 15.68 | 166  | 194019   | 33.238 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 66351    | 40.273 | nq #  | 92       |
| 59) Diethylphthalate           | 15.44 | 149  | 201708   | 32.173 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 112539   | 32.802 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 43348    | 32.656 | nq #  | 81       |
| 62) Azobenzene                 | 15.96 | 77   | 199695   | 32.292 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 31746    | 28.131 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 173037   | 29.987 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.56 | 248  | 76970    | 32.725 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 81984    | 33.848 | nq    | 95       |
| 68) Atrazine                   | 16.83 | 200  | 84967    | 35.763 | nq    | 95       |
| 69) Pentachlorophenol          | 17.03 | 266  | 74344    | 50.392 | nq    | 96       |
| 70) Phenanthrene               | 17.42 | 178  | 332976   | 32.916 | nq    | 98       |
| 71) Anthracene                 | 17.51 | 178  | 332233   | 32.984 | nq    | 97       |
| 72) Carbazole                  | 17.79 | 167  | 308365   | 32.236 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 352545   | 31.187 | nq #  | 97       |
| 74) Fluoranthene               | 19.43 | 202  | 468787   | 34.404 | nq    | 96       |
| 76) Benzidine                  | 19.61 | 184  | 105791   | 17.399 | nq    | 97       |
| 77) Pyrene                     | 19.79 | 202  | 460056   | 31.459 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 171134   | 32.724 | nq    | 95       |
| 80) Benzo(a)anthracene         | 21.62 | 228  | 467502   | 32.437 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 86670    | 17.246 | nq    | 98       |
| 82) Chrysene                   | 21.69 | 228  | 433097   | 32.428 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 232278   | 32.671 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 22.71 | 149  | 391953   | 32.926 | nq #  | 92       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 478387   | 32.352 | nq #  | 83       |
| 87) Benzo(b)fluoranthene       | 23.82 | 252  | 435518   | 32.486 | nq #  | 94       |
| 88) Benzo(k)fluoranthene       | 23.88 | 252  | 419937   | 32.040 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 24.68 | 252  | 418941   | 33.590 | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 28.51 | 278  | 401484   | 32.788 | nq #  | 93       |
| 91) Benzo(g,h,i)perylene       | 29.59 | 276  | 407762   | 34.031 | nq #  | 93       |

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

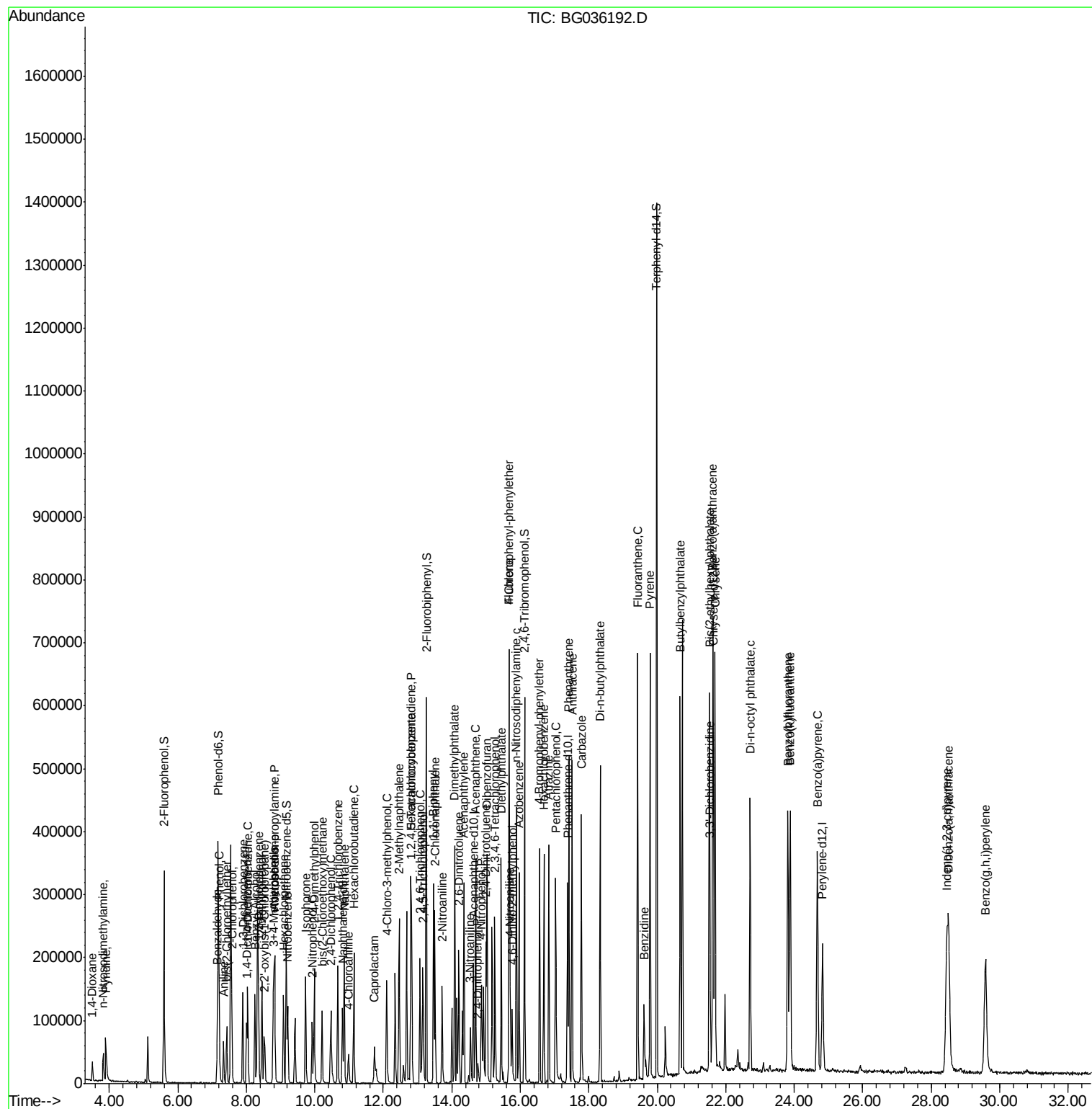
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\  
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 TP-1MSD

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 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

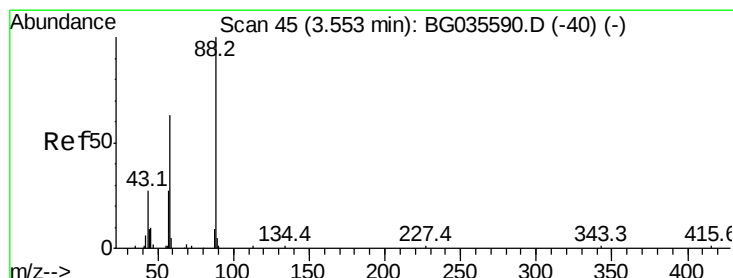
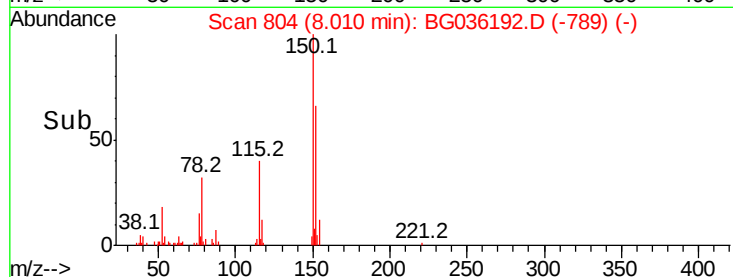
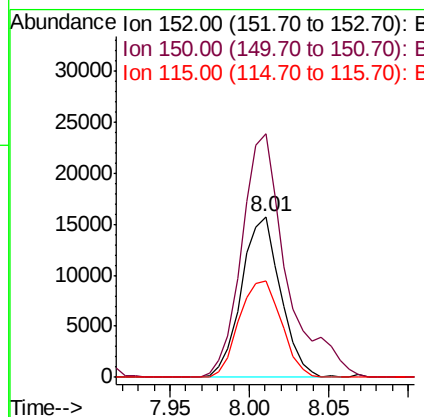
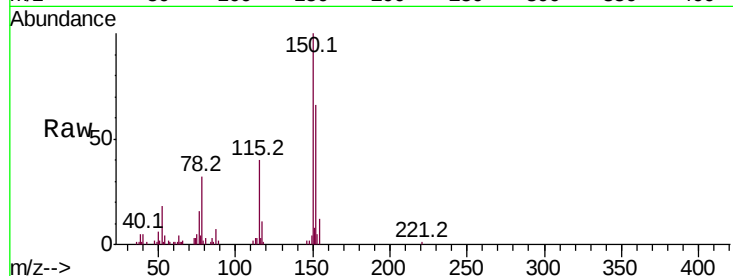
ClientSampleId :

TP-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 26964 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 151.8 | 126.6 | 189.8 |
| 115      | 60.0  | 53.0  | 79.4  |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 24.041 ng

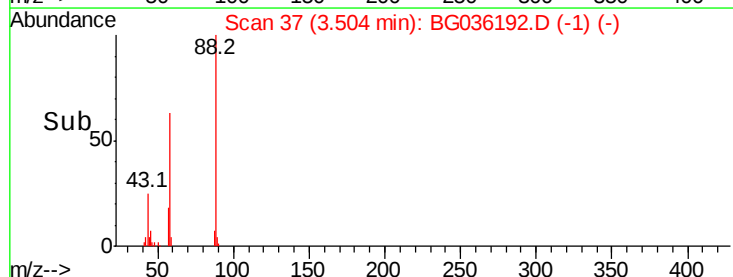
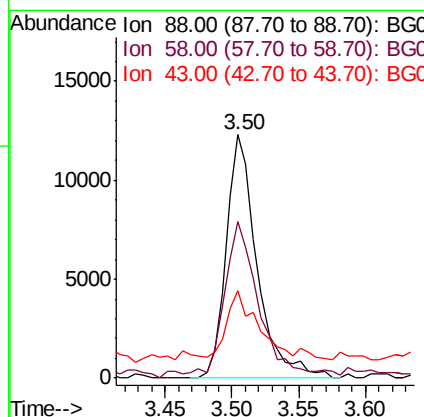
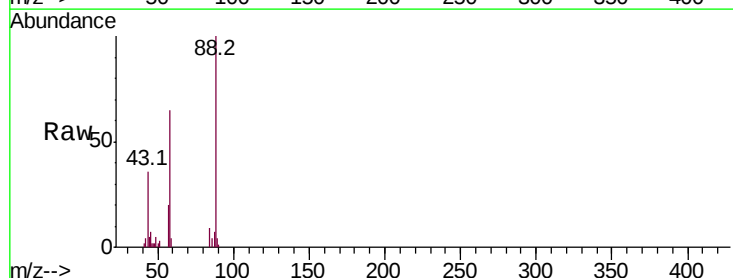
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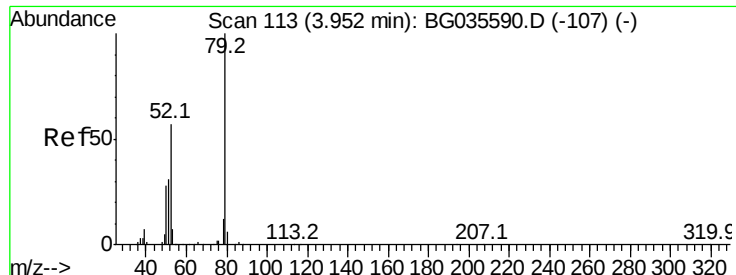
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 19873  |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 58       | 67.6  | 79.6  | 119.4# |
| 43       | 26.3  | 27.4  | 41.0#  |





#3

Pvridine

Concen: 23.823 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

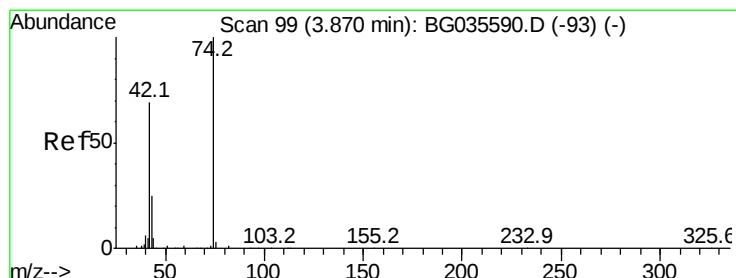
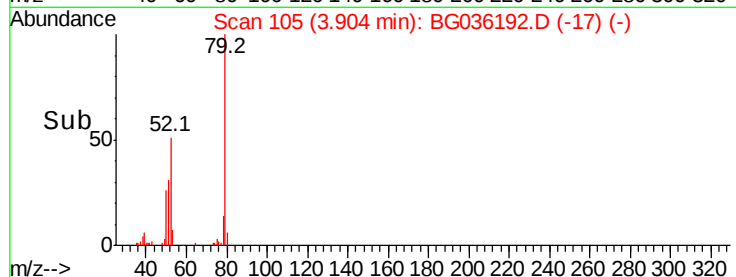
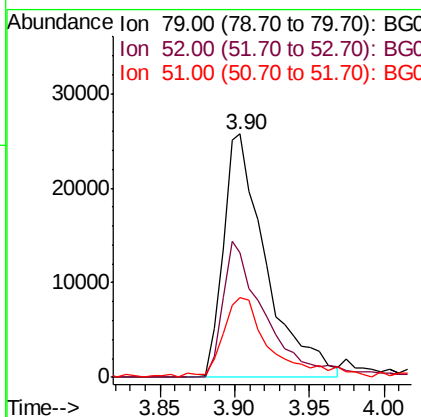
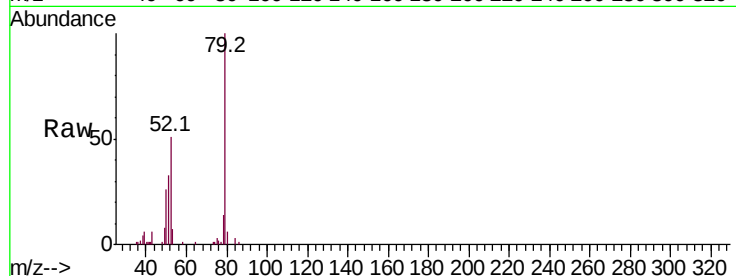
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 51410  |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 51.2  | 69.9  | 104.9# |
| 51        | 32.8  | 34.0  | 51.0#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 26.479 ng

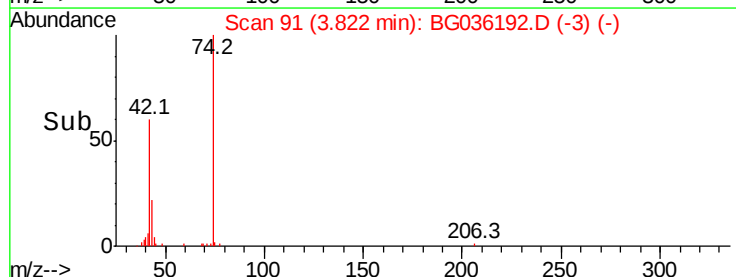
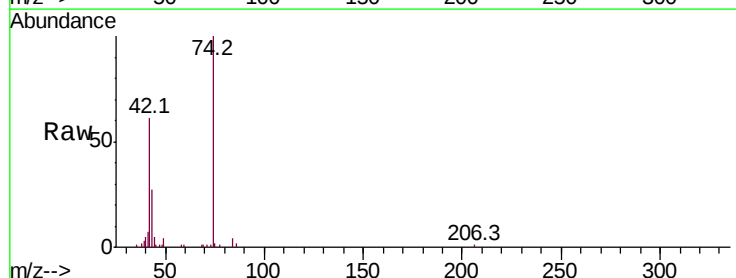
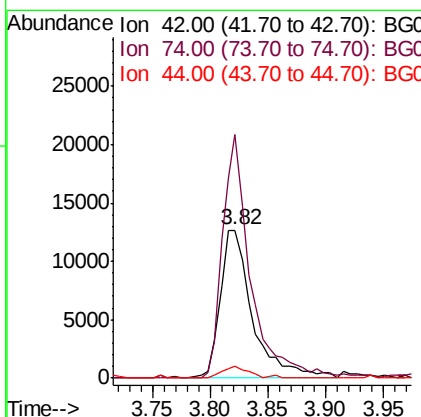
RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 24535  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 164.9 | 102.5 | 153.7# |
| 44        | 8.5   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 98.179 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

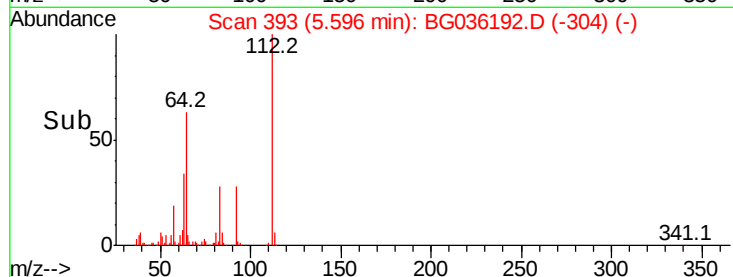
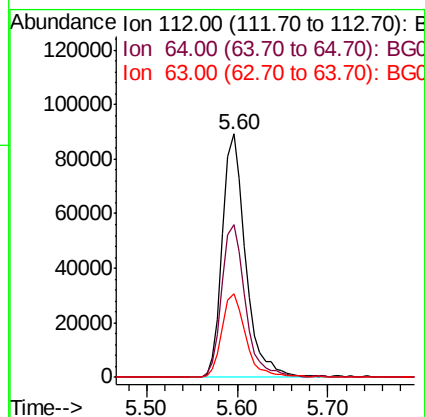
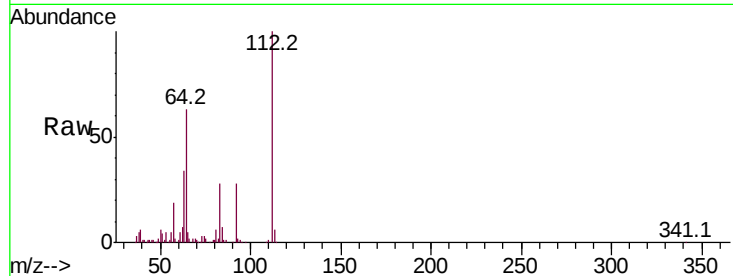
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 159453 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.8  | 56.3  | 84.5   |
| 63        | 34.2  | 30.1  | 45.1   |

Manual Integrations  
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#6

Aniline

Concen: 14.501 ng

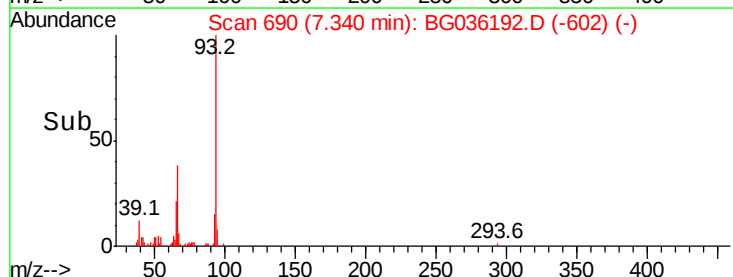
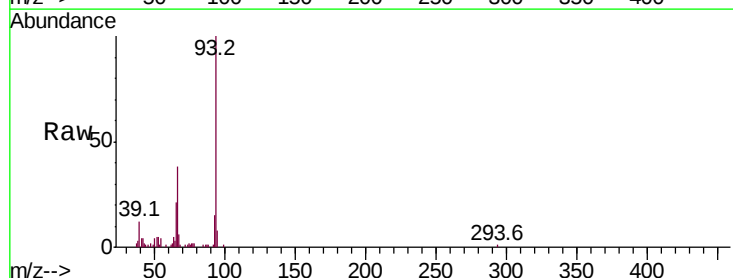
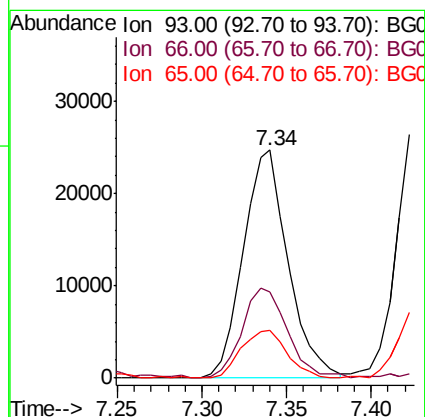
RT: 7.34 min Scan# 690

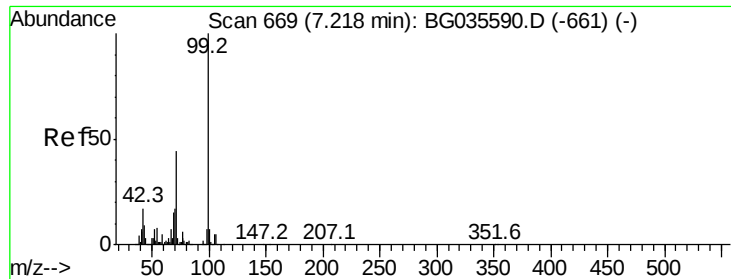
Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 45545 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 37.6  | 33.7  | 50.5  |
| 65        | 21.0  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 94.821 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

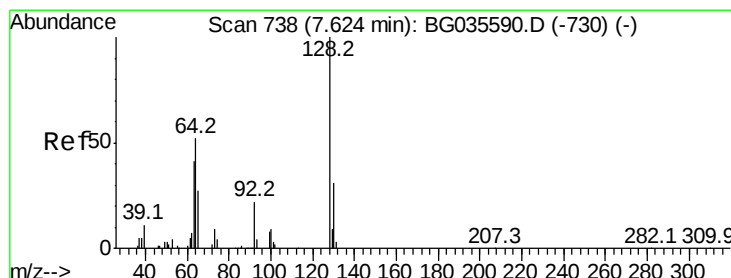
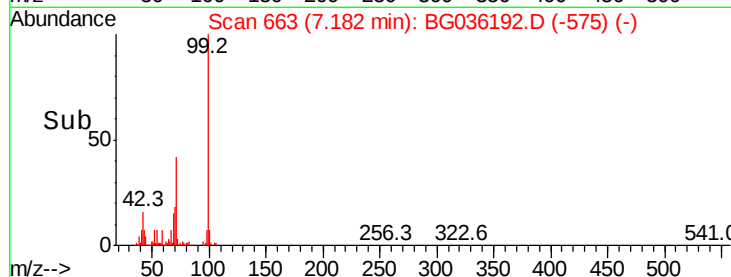
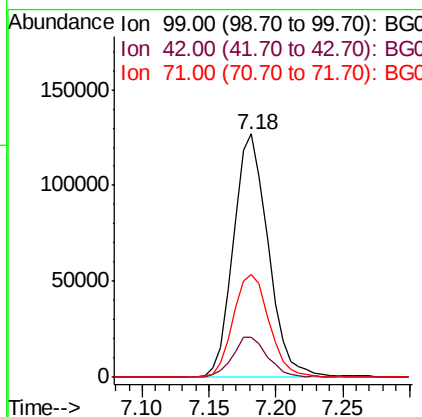
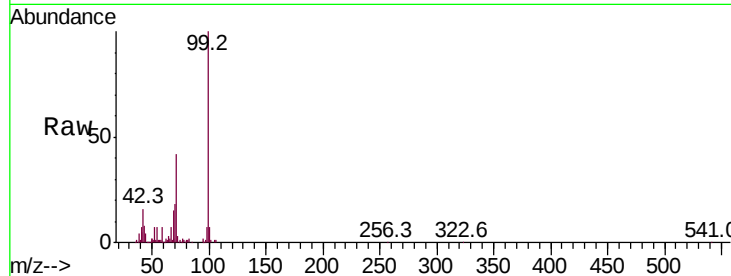
ClientSampleId :

TP-1MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 99      | 100   |            |       |
| 42      | 16.5  | 14.1       | 21.1  |
| 71      | 42.3  | 26.1       | 39.1  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 31.525 ng

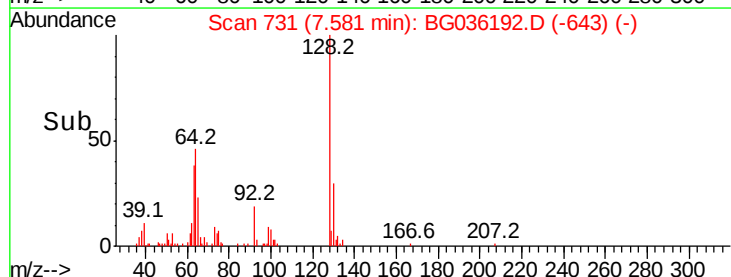
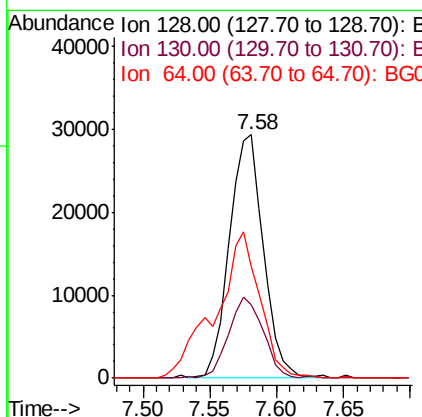
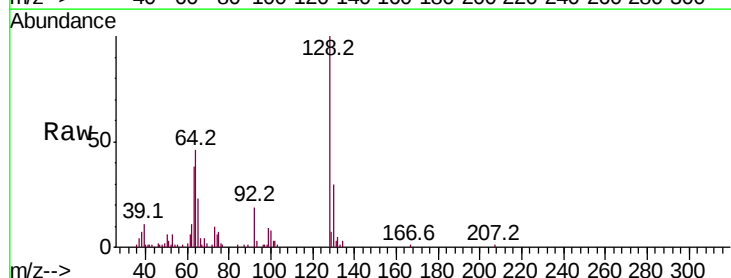
RT: 7.58 min Scan# 731

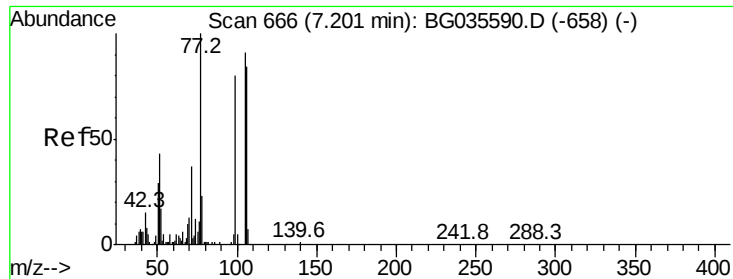
Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 130     | 30.1  | 14.0       | 54.0  |
| 64      | 46.0  | 37.7       | 77.7  |





#9

Benzaldehyde

Concen: 21.270 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

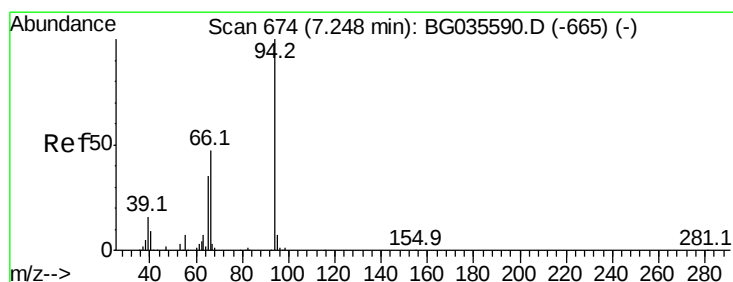
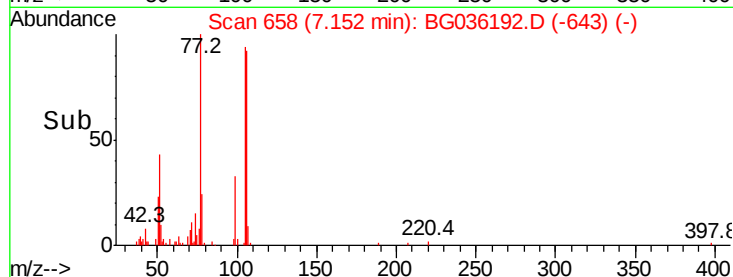
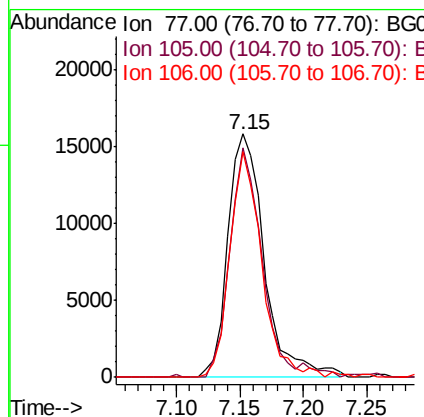
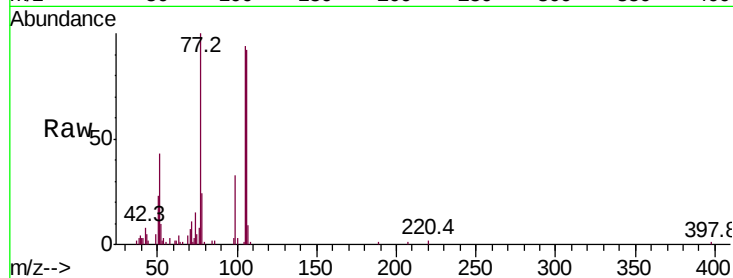
ClientSampleId :

TP-1MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 105     | 94.2 | 71.3  | 111.3 |       |
| 106     | 92.5 | 64.2  | 104.2 |       |

Manual Integrations  
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#10

Phenol

Concen: 33.706 ng

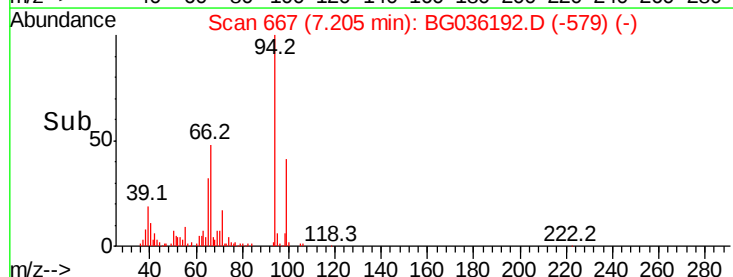
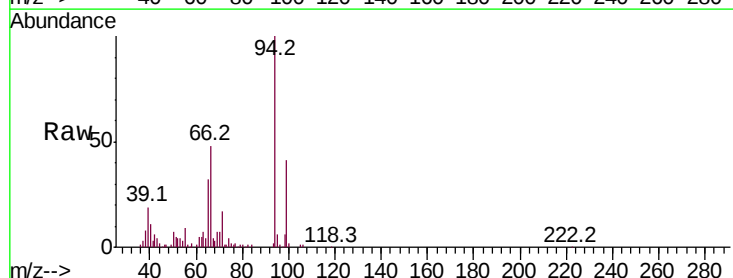
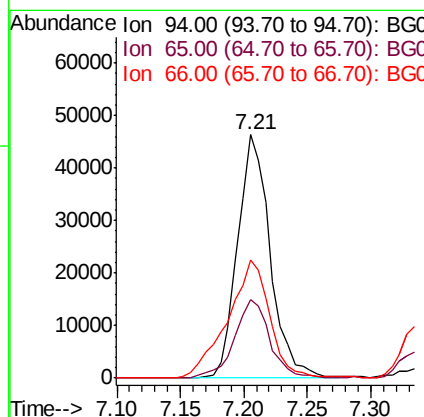
RT: 7.21 min Scan# 667

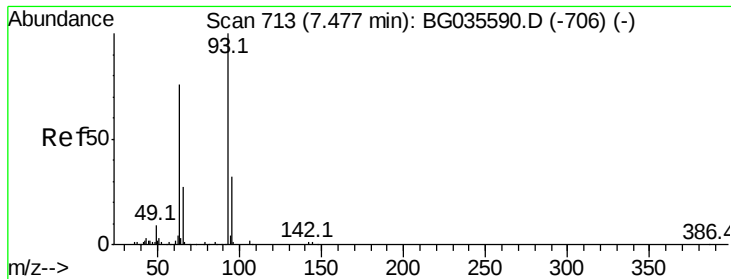
Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 32.3 | 11.9  | 51.9  |       |
| 66      | 48.5 | 22.2  | 62.2  |       |





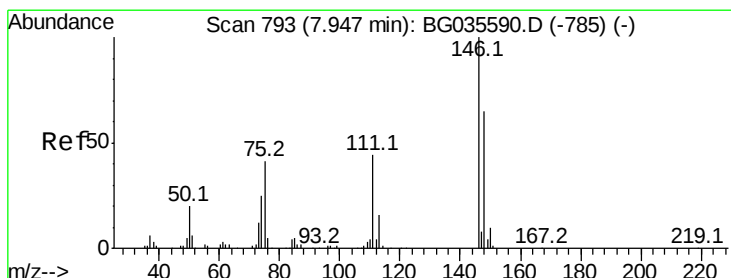
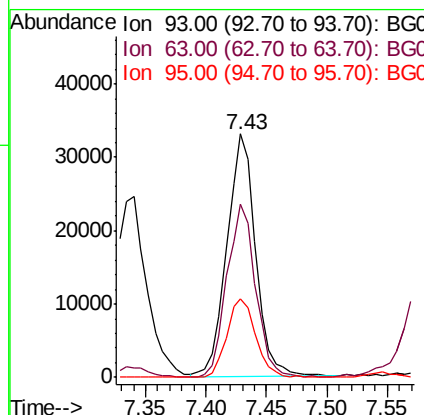
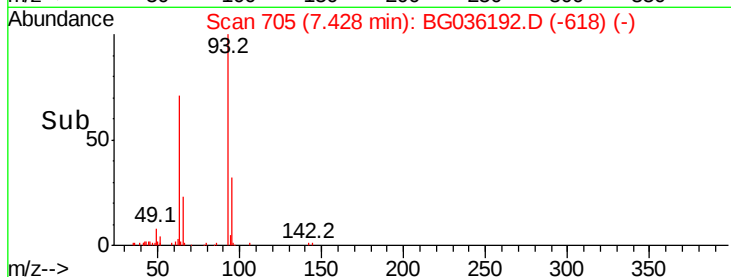
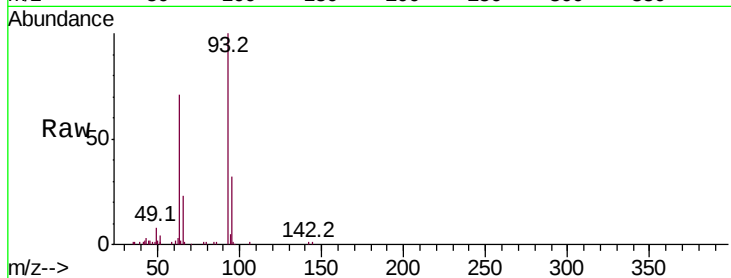
#11  
bis(2-Chloroethyl)ether  
Concen: 28.216 ng  
RT: 7.43 min Scan# 705  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.9  | 67.1  | 107.1 |
| 95      | 32.1  | 11.5  | 51.5  |

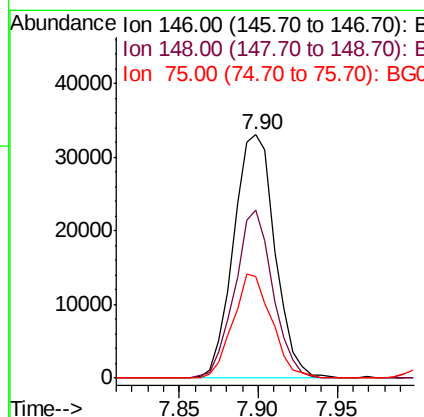
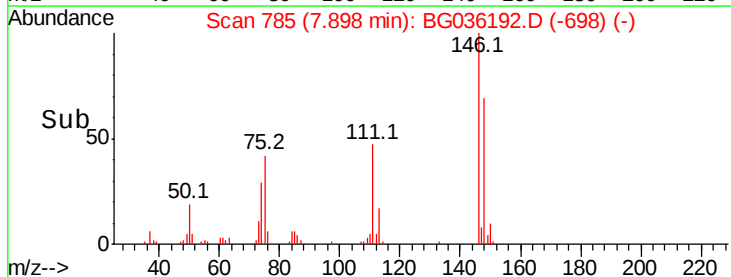
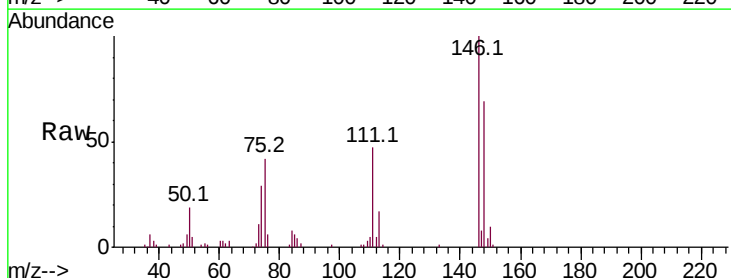
Manual Integrations  
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#12  
1,3-Dichlorobenzene  
Concen: 30.185 ng m  
RT: 7.90 min Scan# 785  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.9  | 51.4  | 77.2  |
| 75      | 41.6  | 26.6  | 39.8# |





#13

1,4-Dichlorobenzene

Concen: 31.274 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.03 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

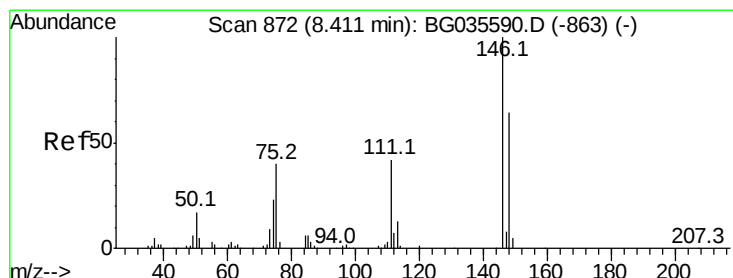
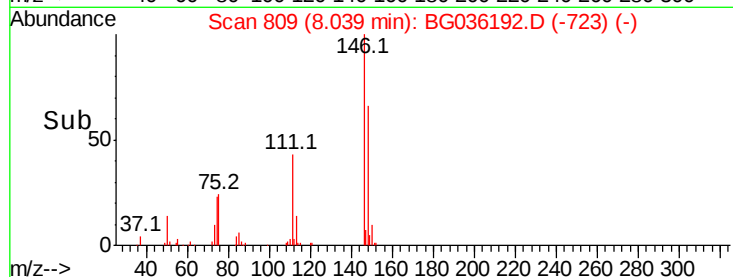
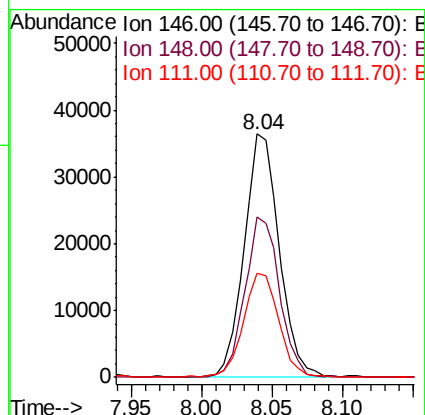
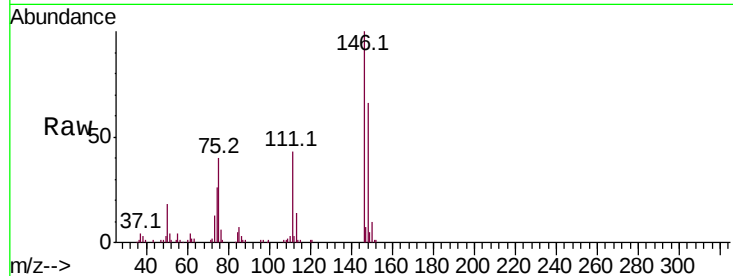
ClientSampled :

TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 63384 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 66.0  | 53.7  | 80.5  |
| 111       | 42.9  | 35.2  | 52.8  |

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#14

1,2-Dichlorobenzene

Concen: 30.678 ng

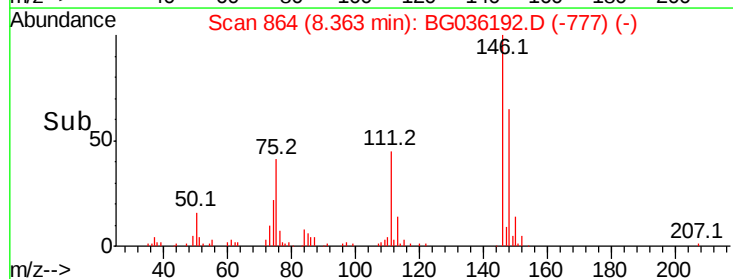
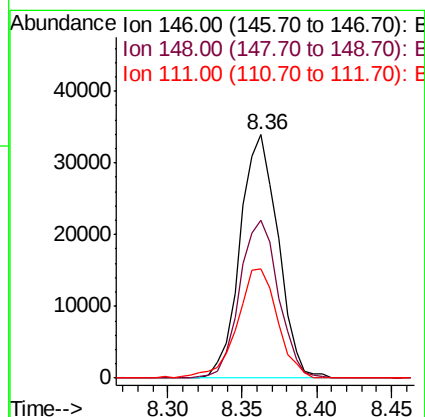
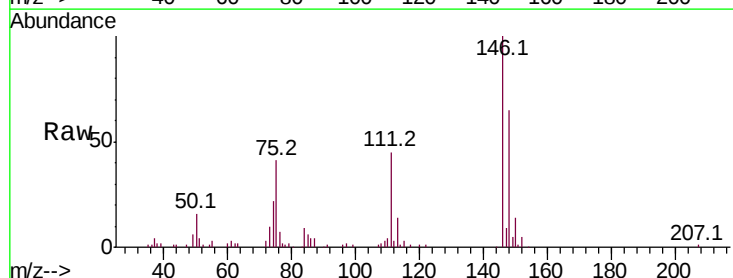
RT: 8.36 min Scan# 864

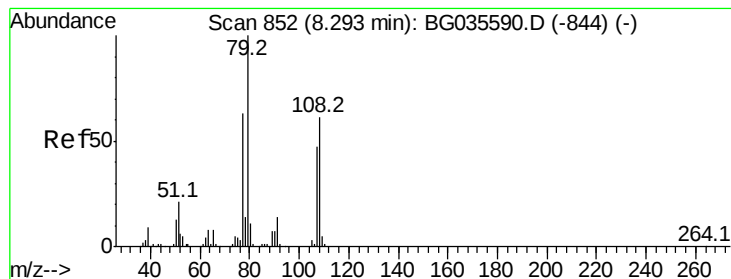
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 59730 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.6  | 49.3  | 73.9  |
| 111       | 44.6  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 26.248 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

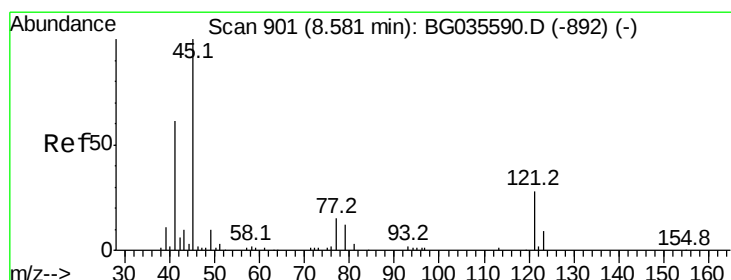
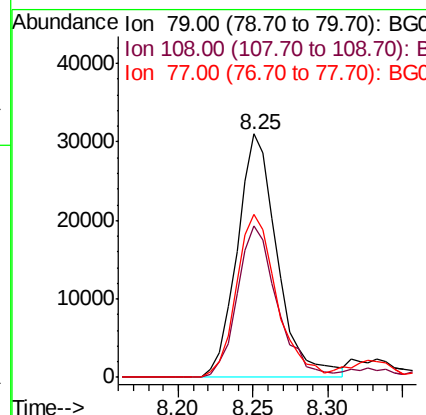
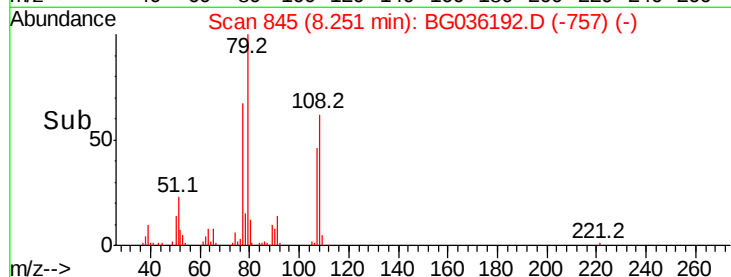
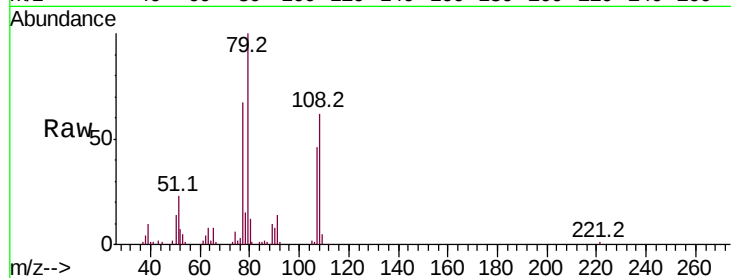
ClientSampled :

TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 57757 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 62.4  | 57.2  | 85.8  |
| 77        | 66.8  | 46.1  | 69.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.107 ng

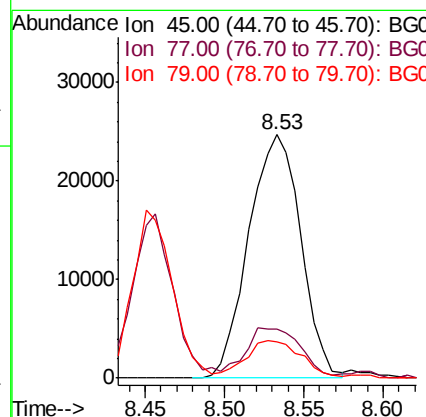
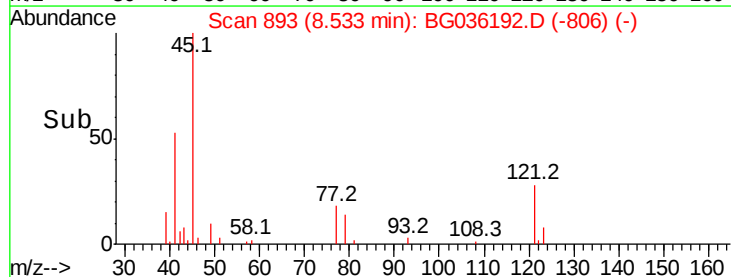
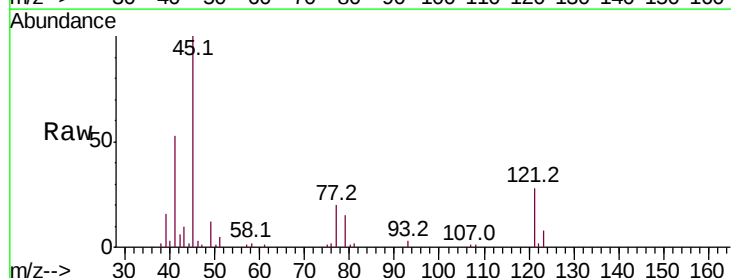
RT: 8.53 min Scan# 893

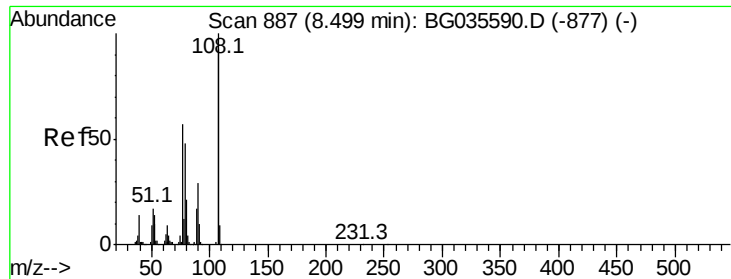
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 56429 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 20.1  | 0.0   | 30.2  |
| 79        | 14.6  | 0.0   | 27.9  |





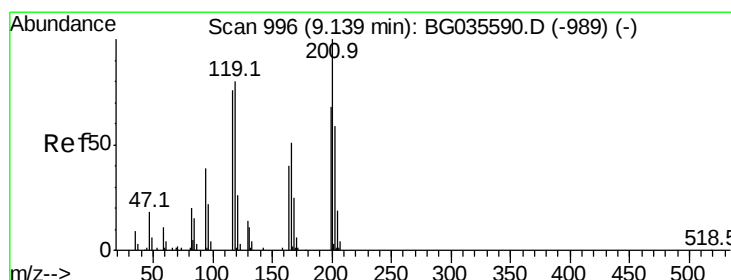
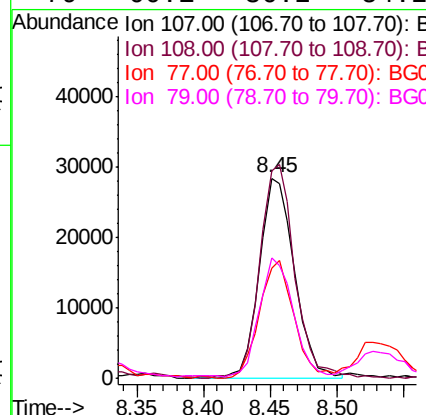
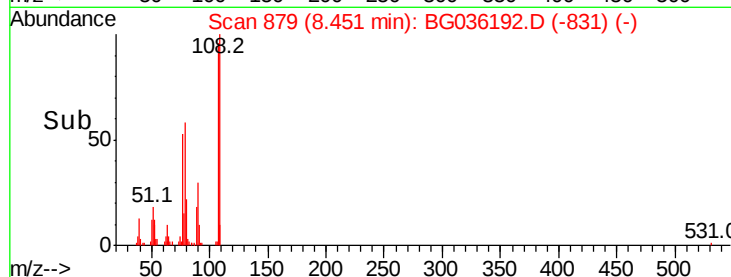
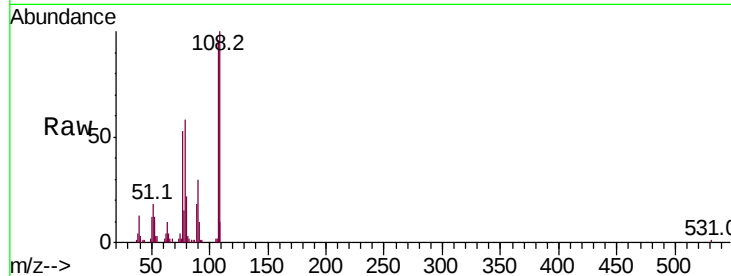
#17  
2-Methylphenol  
Concen: 30.945 ng  
RT: 8.45 min Scan# 879  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 104.1 | 83.9 | 125.9 |       |
| 77      | 54.9  | 37.2 | 55.8  |       |
| 79      | 60.1  | 36.2 | 54.2  |       |

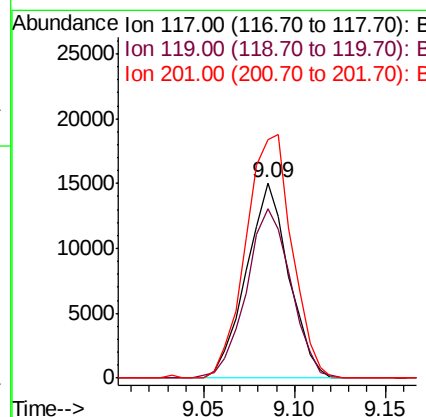
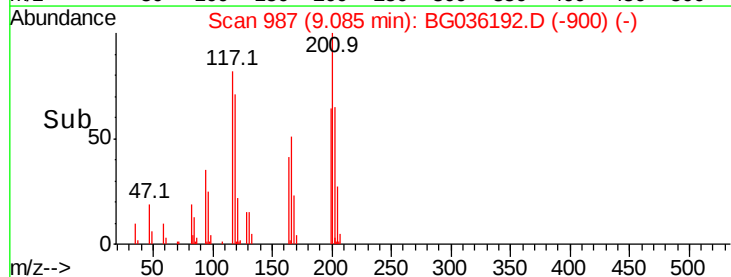
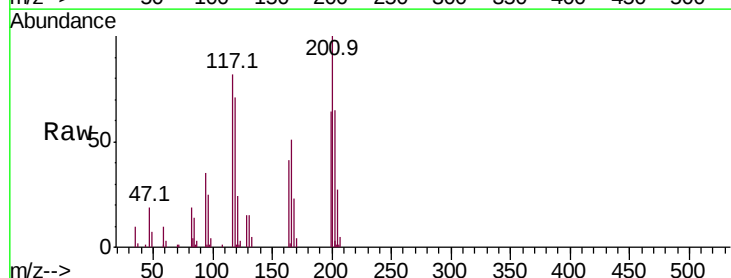
Manual Integrations  
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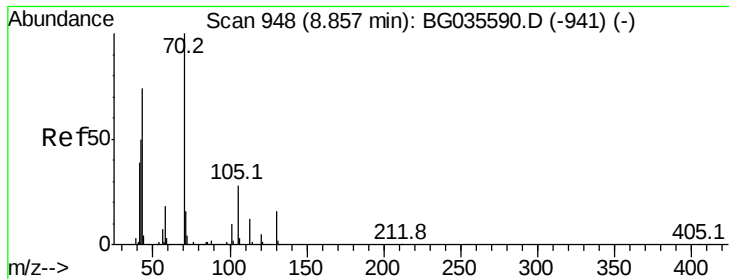
Sohil  
8/8/2018 5:55:15 PM



#18  
Hexachloroethane  
Concen: 31.682 ng  
RT: 9.09 min Scan# 987  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 86.7  | 76.7 | 115.1 |       |
| 201     | 121.9 | 95.7 | 143.5 |       |





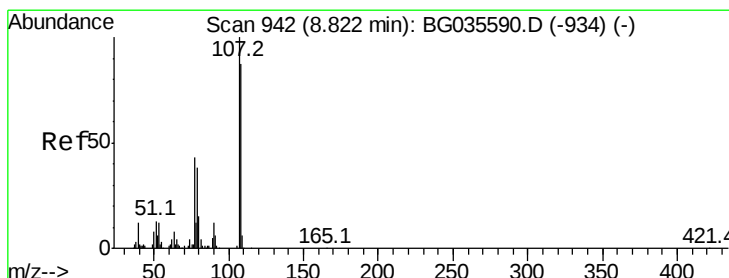
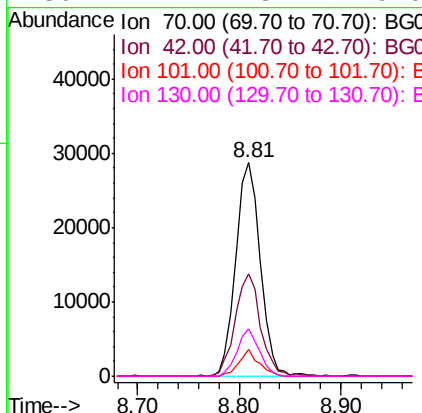
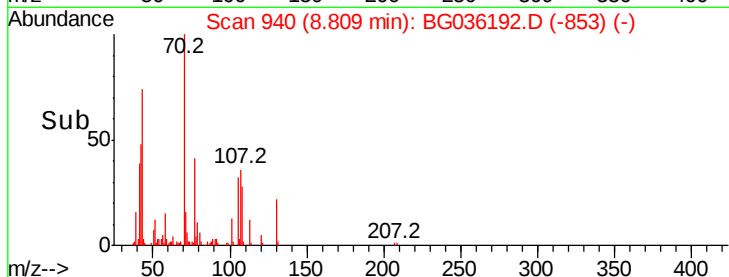
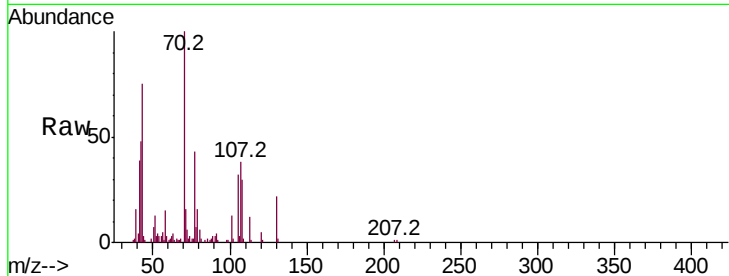
#19  
n-Nitroso-di-n-propylamine  
Concen: 23.813 ng  
RT: 8.81 min Scan# 940  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 48.1 | 49.1  | 73.7# |       |       |
| 101     | 12.8 | 8.5   | 12.7# |       |       |
| 130     | 22.1 | 13.4  | 20.0# |       |       |

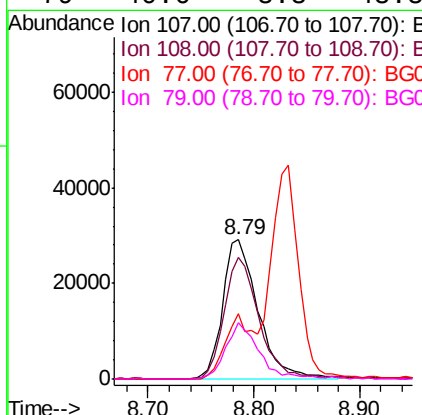
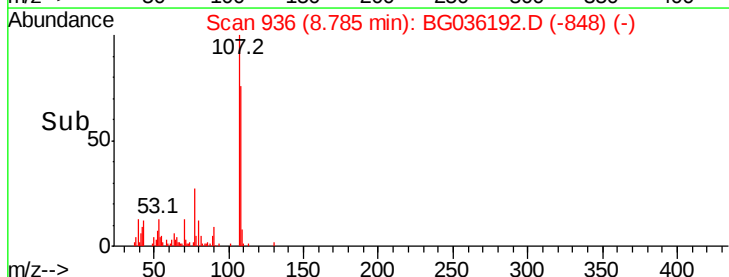
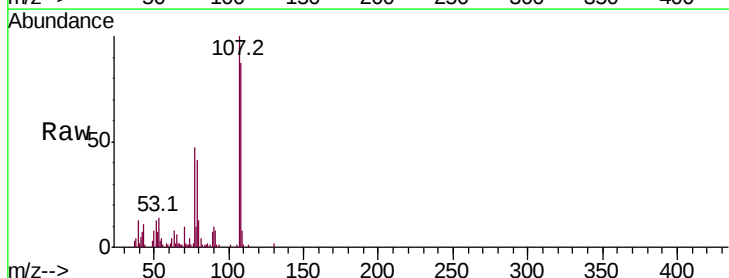
Manual Integrations  
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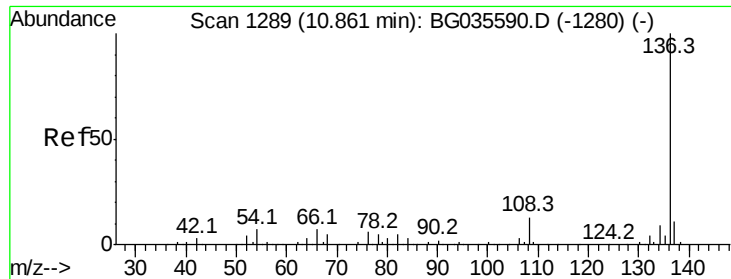
Sohil  
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#20  
3+4-Methylphenols  
Concen: 29.300 ng  
RT: 8.79 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 87.4 | 61.6  | 101.6 |       |       |
| 77      | 46.7 | 13.9  | 53.9  |       |       |
| 79      | 40.6 | 8.8   | 48.8  |       |       |





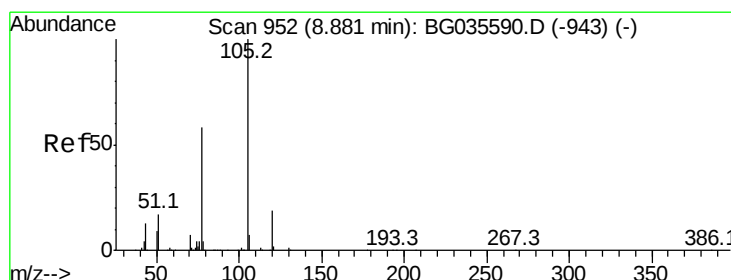
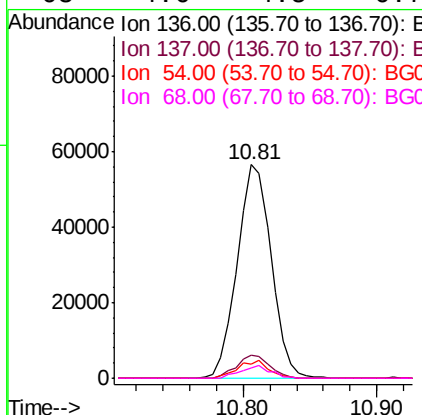
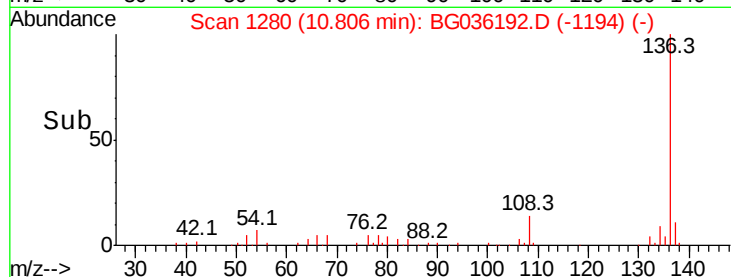
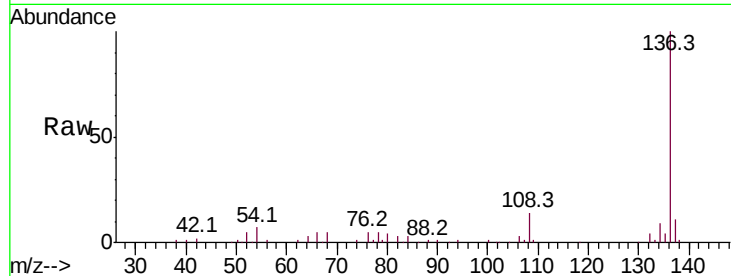
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1280  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 9.2  | 13.8  |       |
| 54      | 6.7   | 10.3 | 15.5  |       |
| 68      | 4.6   | 4.5  | 6.7   |       |

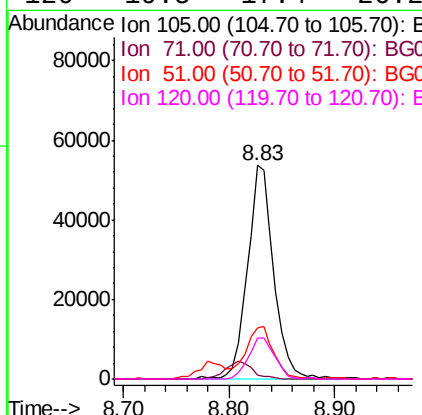
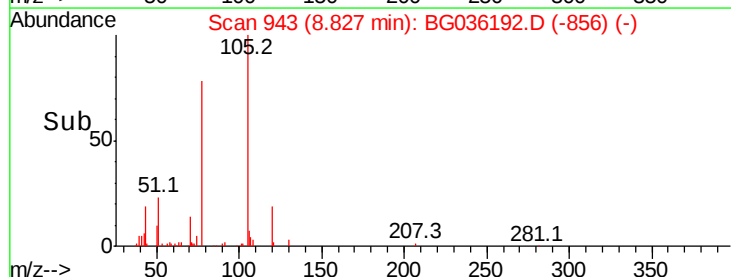
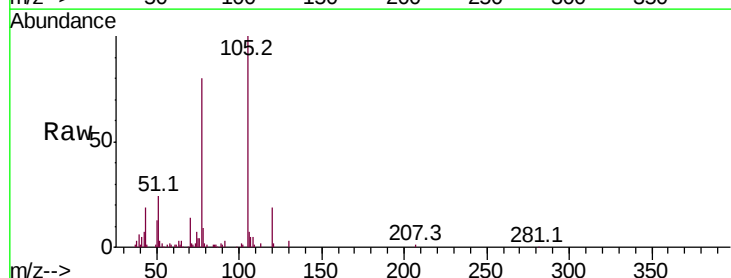
Manual Integrations  
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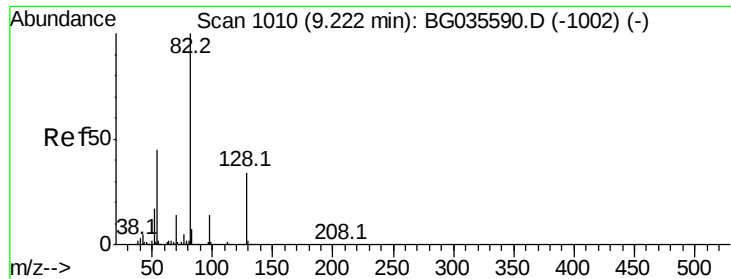
Sohil  
8/8/2018 5:55:15 PM



#22  
Acetophenone  
Concen: 29.872 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.0   | 3.0  | 4.4   |       |
| 51      | 23.7  | 26.1 | 39.1  |       |
| 120     | 19.5  | 17.4 | 26.2  |       |





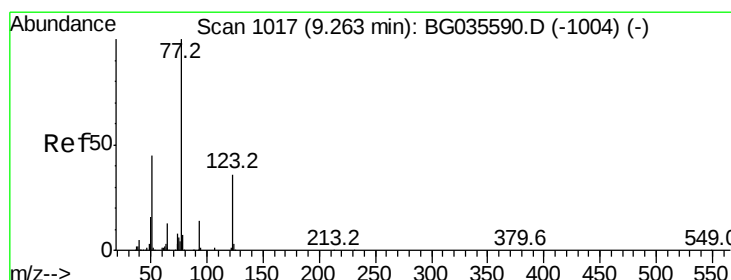
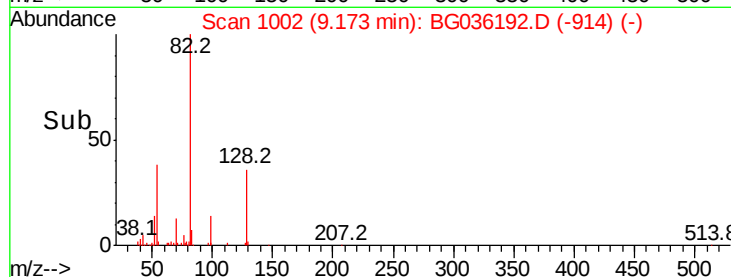
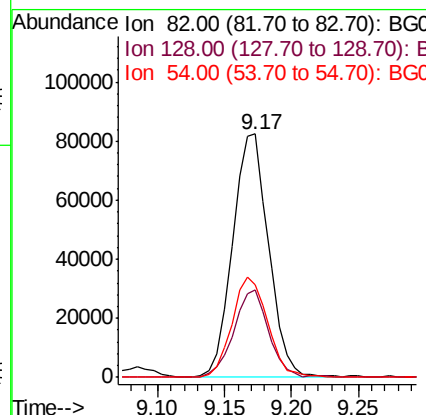
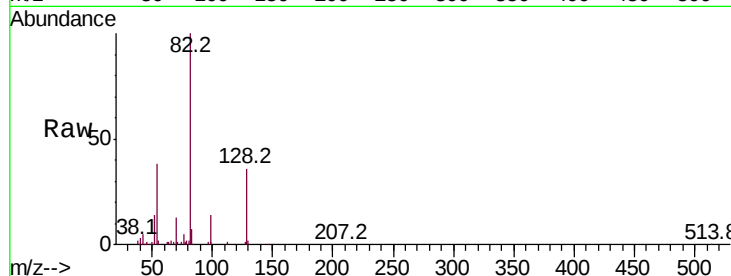
#23  
Nitrobenzene-d5  
Concen: 64.582 ng  
RT: 9.17 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.7  | 29.7  | 44.5  |
| 54      | 38.3  | 43.1  | 64.7# |

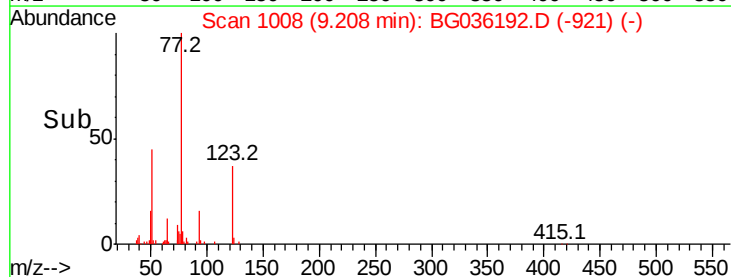
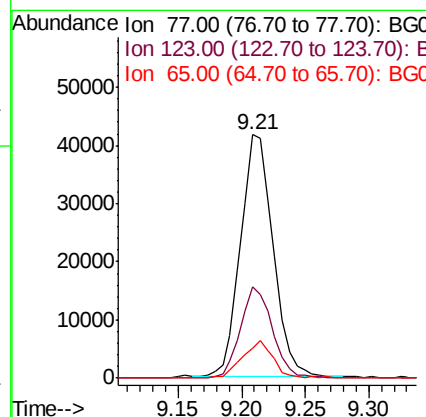
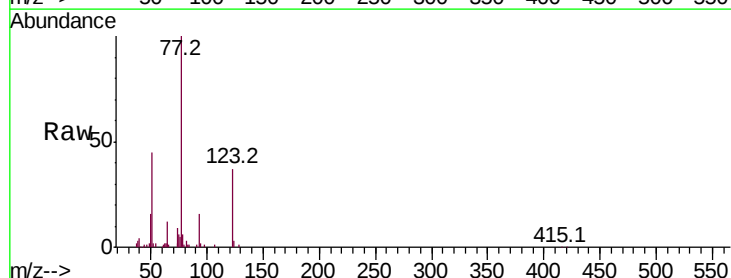
Manual Integrations  
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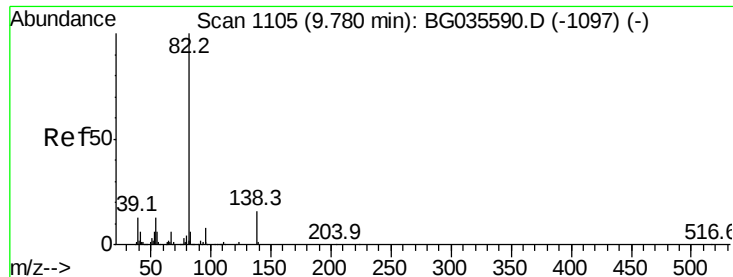
Sohil  
8/8/2018 5:55:15 PM



#24  
Nitrobenzene  
Concen: 30.821 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.3  | 33.0  | 49.6  |
| 65      | 12.4  | 13.0  | 19.6# |





#25

Isophorone

Concen: 30.774 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

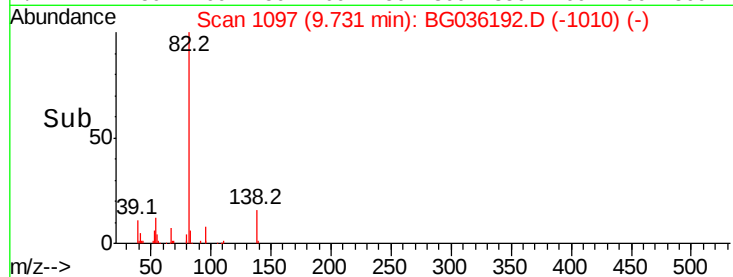
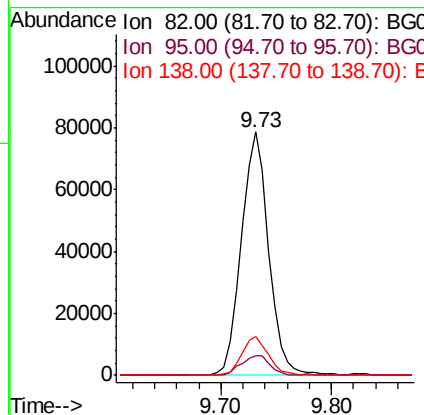
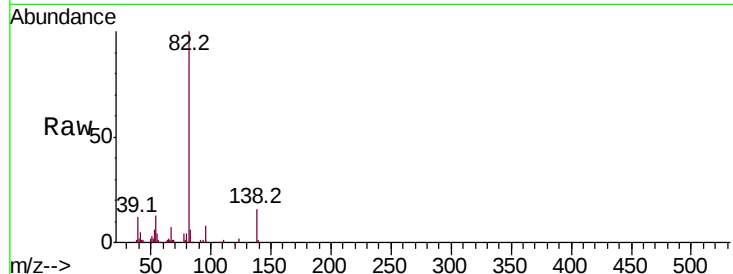
ClientSampled :

TP-1MSD

| Tot Ion   | 82    | Resp  | 136668 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.0   | 6.2   | 9.2    |
| 138       | 16.1  | 12.1  | 18.1   |

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8/8/2018 5:55:15 PM



#26

2-Nitrophenol

Concen: 36.221 ng

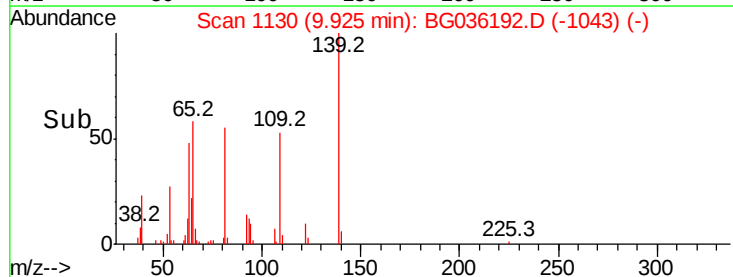
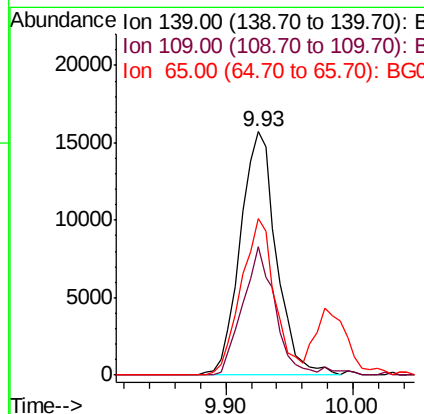
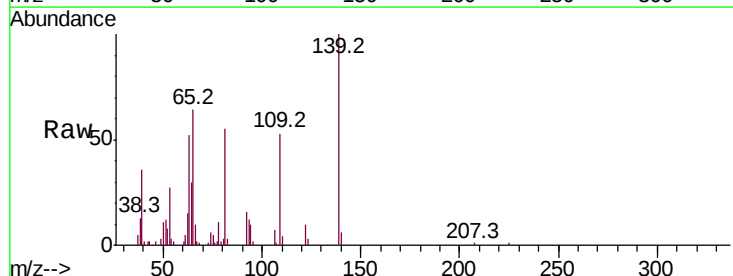
RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

| Tgt Ion   | 139   | Resp  | 30951 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 52.5  | 24.2  | 36.2# |
| 65        | 64.3  | 47.4  | 71.0  |





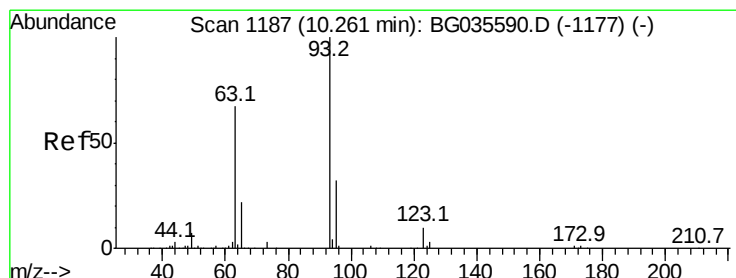
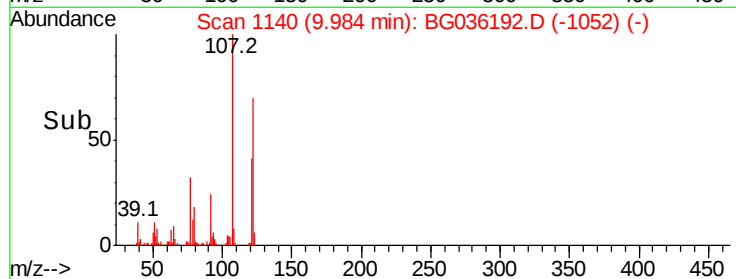
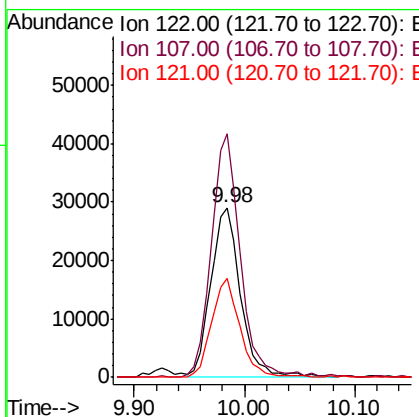
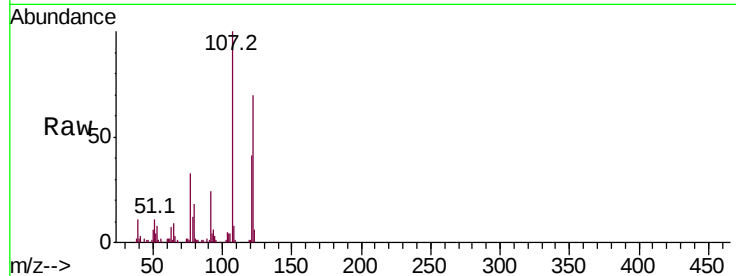
#27  
2,4-Dimethylphenol  
Concen: 37.458 ng  
RT: 9.98 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 143.2 | 100.2 | 150.2 |
| 121     | 58.5  | 44.4  | 66.6  |

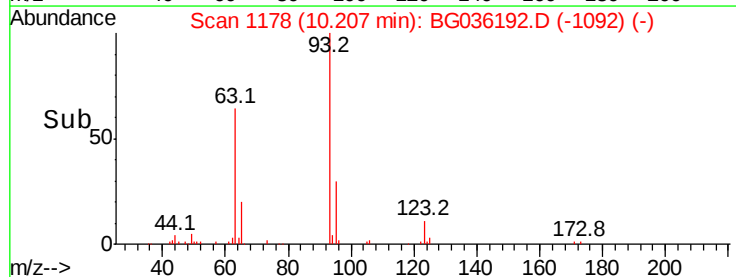
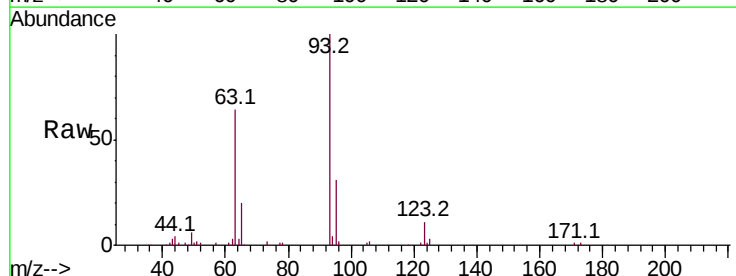
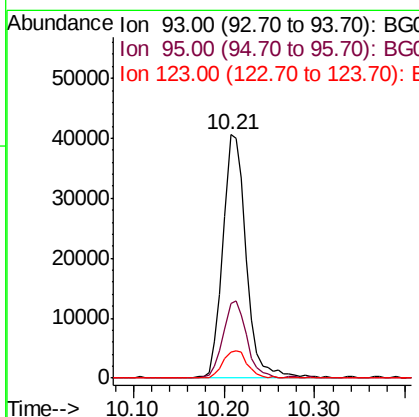
Manual Integrations  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 29.751 ng  
RT: 10.21 min Scan# 1178  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.7  | 24.3  | 36.5  |
| 123     | 10.9  | 8.4   | 12.6  |





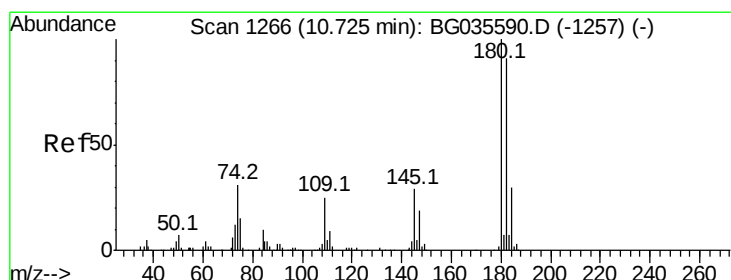
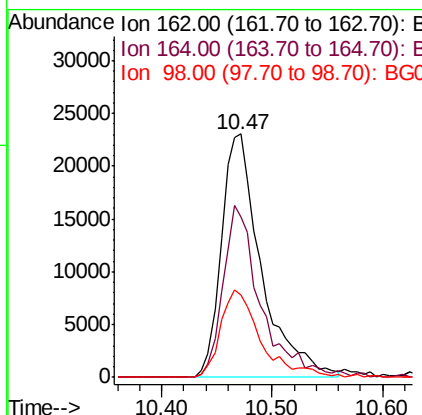
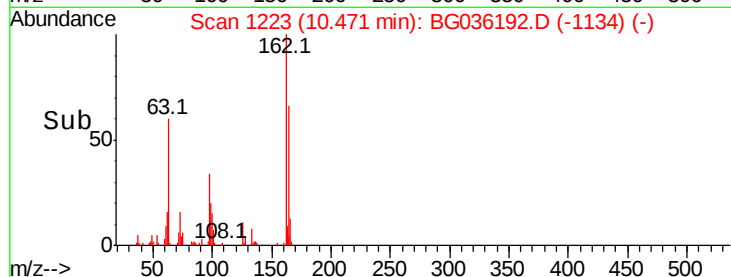
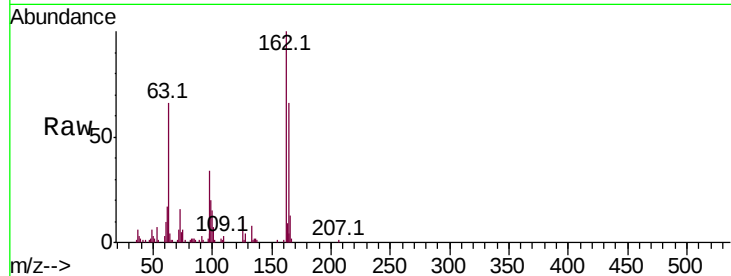
#29  
2,4-Dichlorophenol  
Concen: 35.120 ng  
RT: 10.47 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 66.1  | 48.0 | 88.0  |       |
| 98      | 33.7  | 21.1 | 61.1  |       |

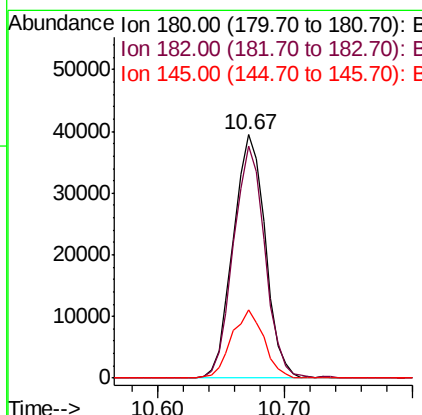
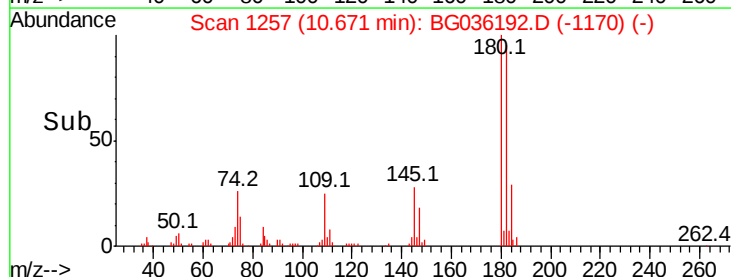
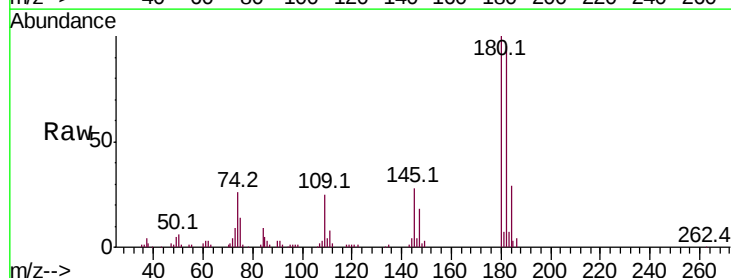
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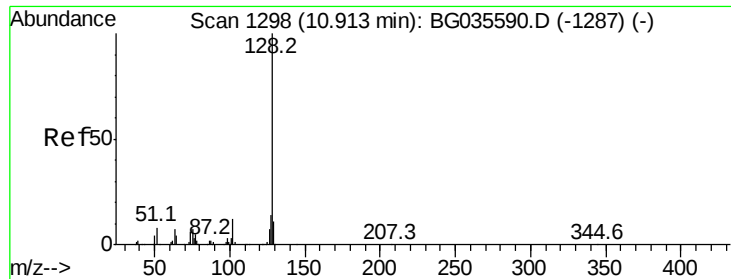
Sohil  
8/8/2018 5:55:15 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 34.242 ng  
RT: 10.67 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.2  | 77.5 | 116.3 |       |
| 145     | 28.2  | 23.4 | 35.2  |       |





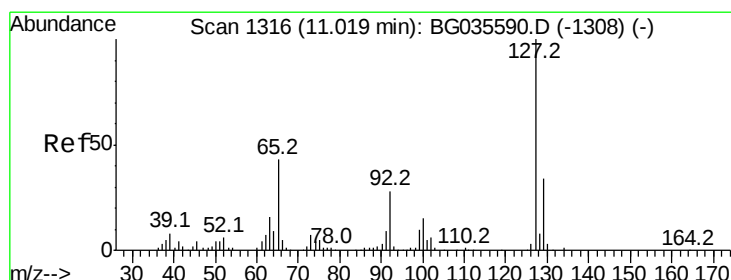
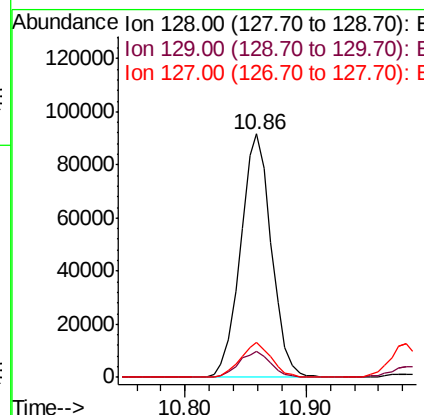
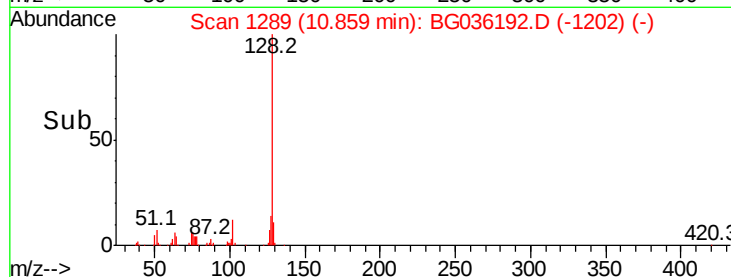
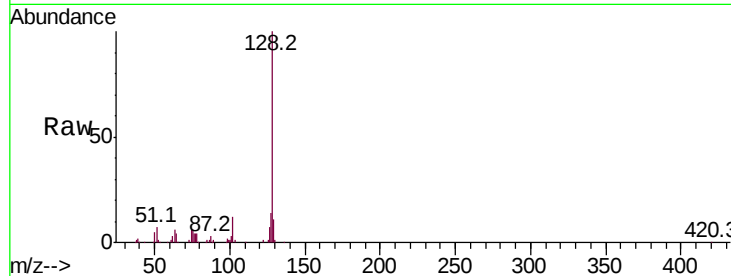
#31  
Naphthalene  
Concen: 31.197 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 162413 |       |       |
| 129     | 10.5  | 8.6    | 12.8  |       |
| 127     | 14.1  | 11.6   | 17.4  |       |

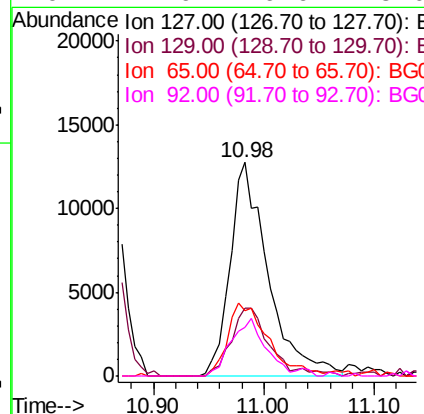
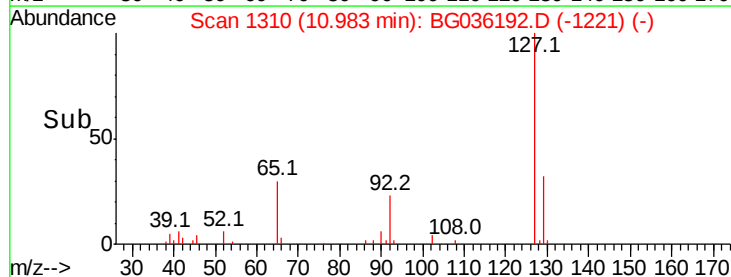
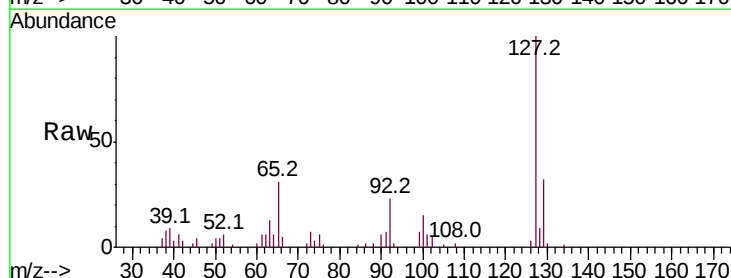
Manual Integrations  
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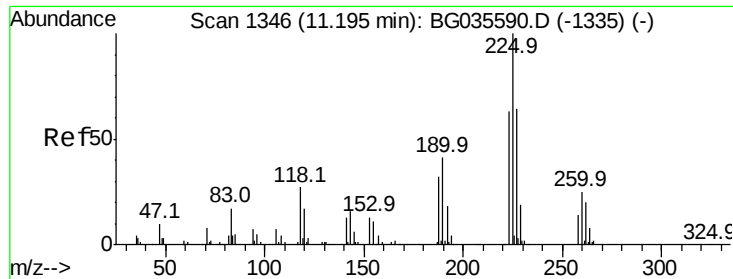
Sohil  
8/8/2018 5:55:15 PM



#33  
4-Chloroaniline  
Concen: 13.561 ng  
RT: 10.98 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 30770 |       |       |
| 129     | 31.5  | 24.0  | 36.0  |       |
| 65      | 30.8  | 27.0  | 40.4  |       |
| 92      | 22.9  | 16.6  | 25.0  |       |





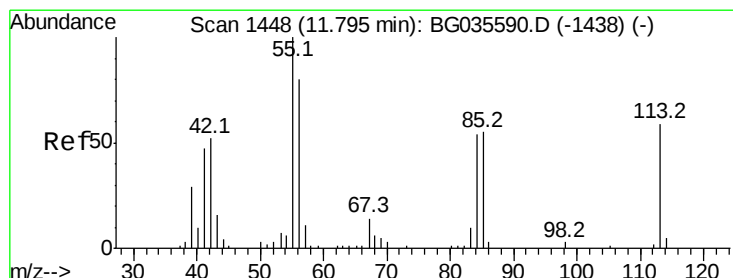
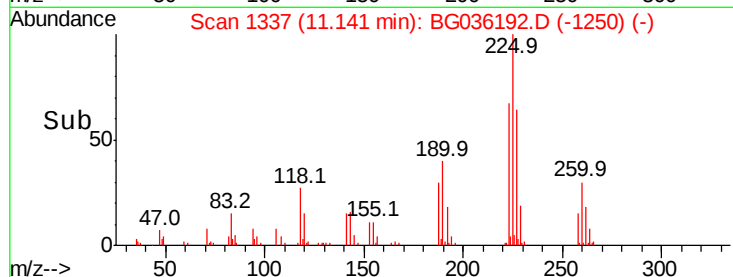
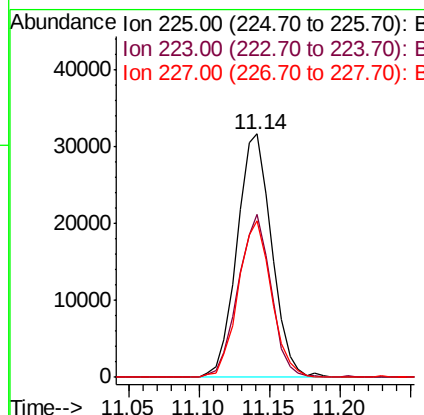
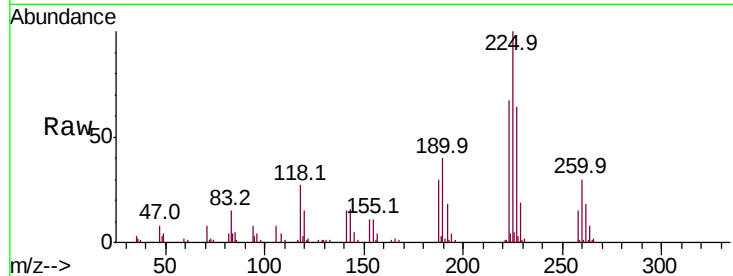
#34  
Hexachlorobutadiene  
Concen: 34.387 ng  
RT: 11.14 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.9  | 49.7  | 74.5  |
| 227     | 64.2  | 48.1  | 72.1  |

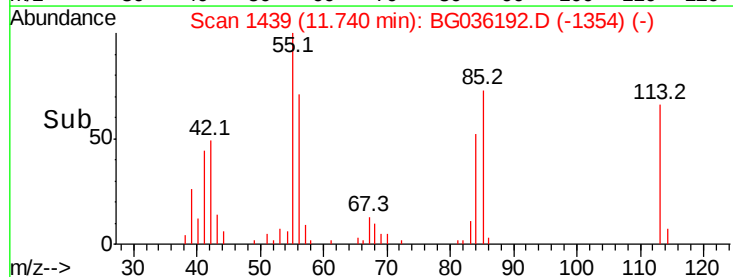
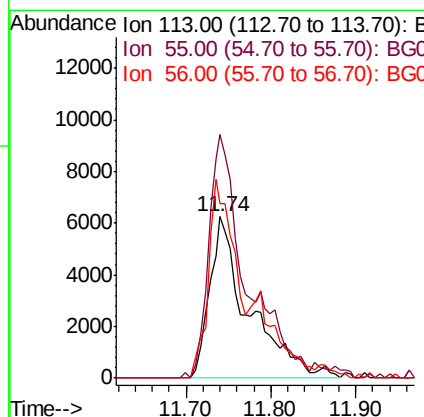
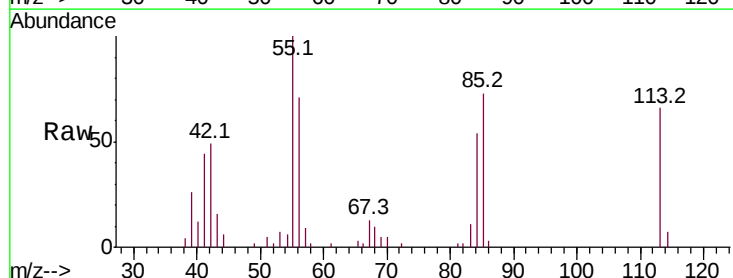
Manual Integrations  
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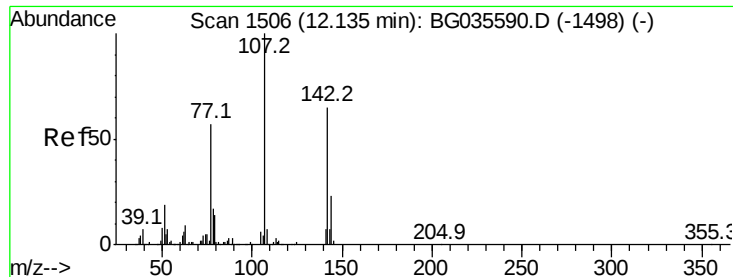
Sohil  
8/8/2018 5:55:15 PM



#35  
Caprolactam  
Concen: 28.443 ng m  
RT: 11.74 min Scan# 1439  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 151.1 | 186.9 | 226.9# |
| 56      | 107.9 | 130.9 | 170.9# |





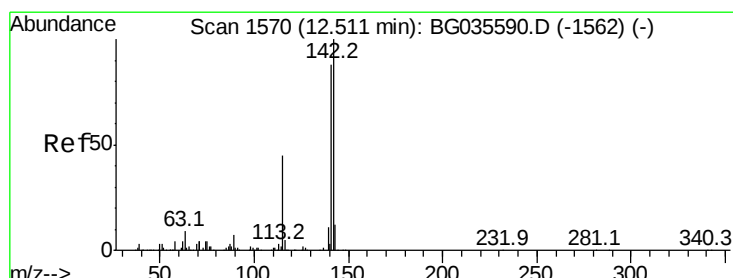
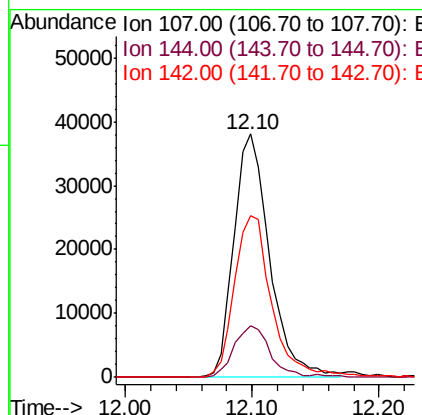
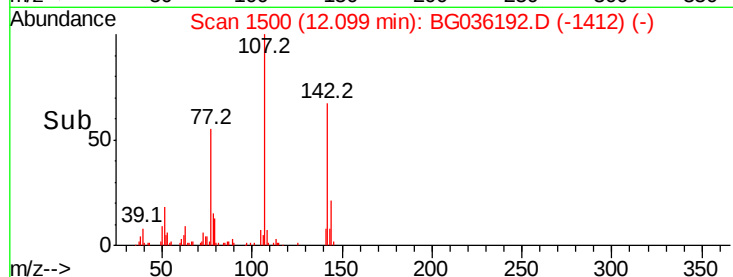
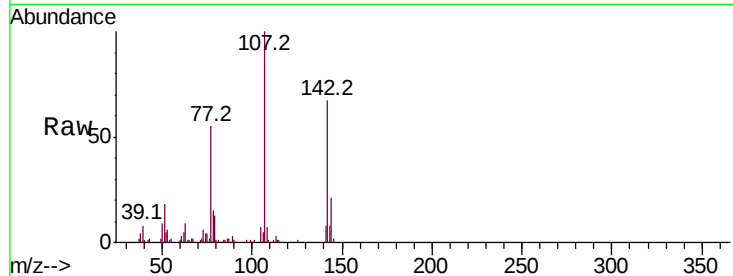
#36  
4-Chloro-3-methylphenol  
Concen: 33.503 ng  
RT: 12.10 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 21.1  | 18.2  | 27.4  |
| 142     | 66.5  | 59.0  | 88.4  |

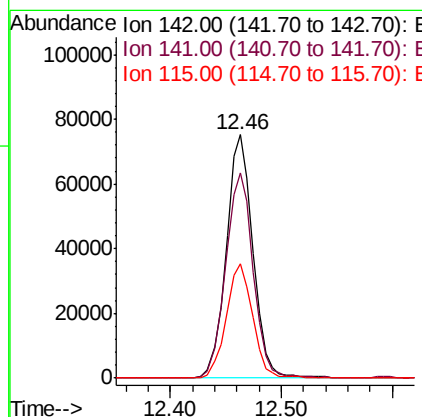
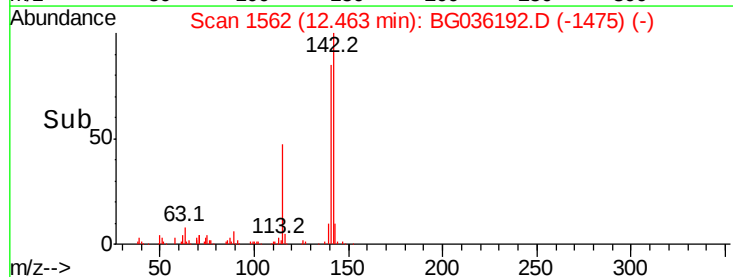
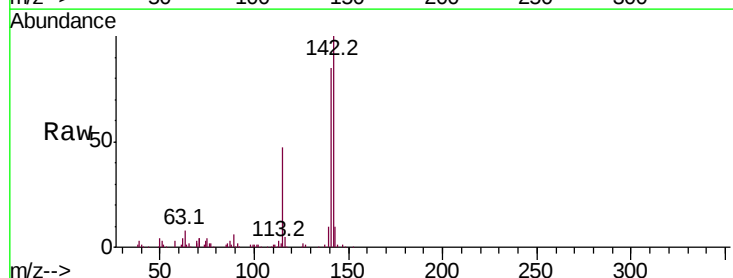
Manual Integrations  
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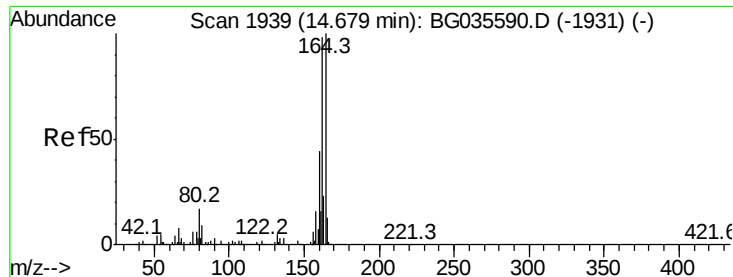
Sohil  
8/8/2018 5:55:15 PM



#37  
2-Methylnaphthalene  
Concen: 32.591 ng m  
RT: 12.46 min Scan# 1562  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 84.5  | 67.1  | 100.7 |
| 115     | 47.1  | 30.7  | 46.1# |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

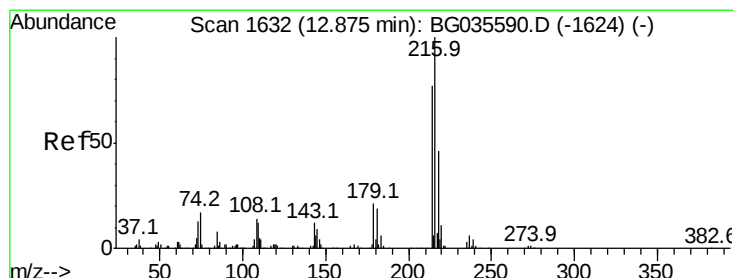
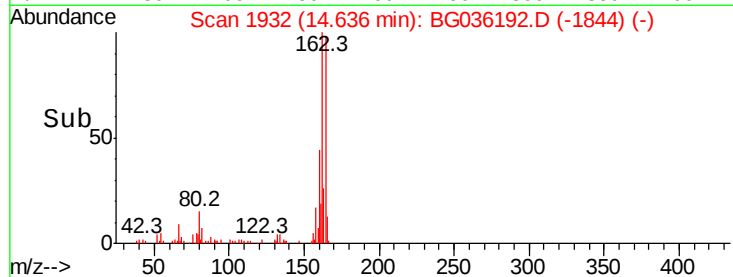
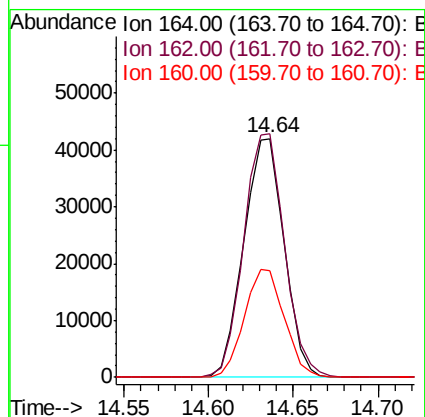
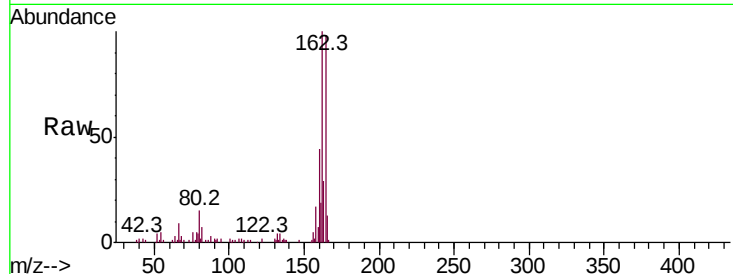
ClientSampled :

TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 164   | Resp: | 69590 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.1 | 78.8  | 118.2 |
| 160       | 44.8  | 35.4  | 53.0  |

Manual Integrations  
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.935 ng

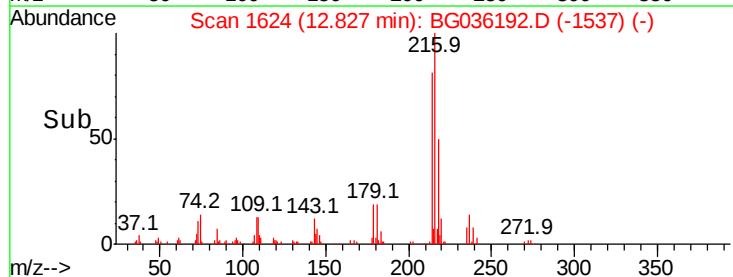
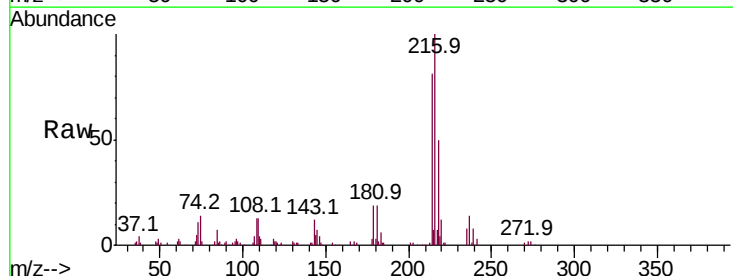
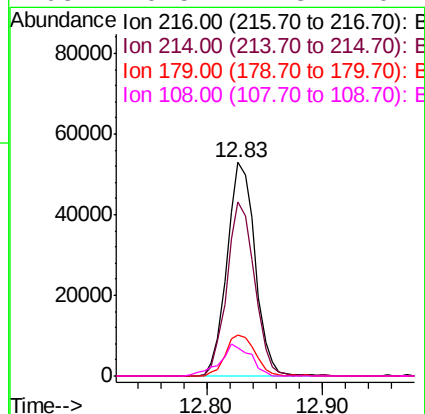
RT: 12.83 min Scan# 1624

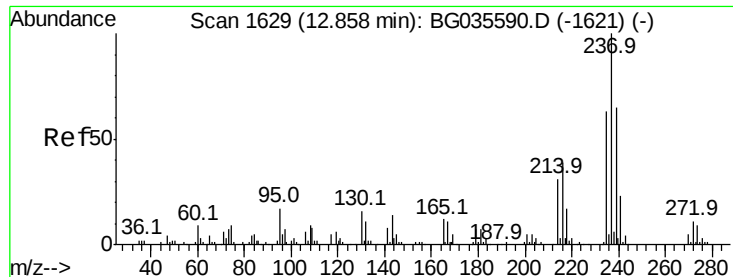
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 89132 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 80.0  | 63.0  | 94.4  |
| 179       | 20.0  | 17.0  | 25.6  |
| 108       | 16.5  | 12.8  | 19.2  |





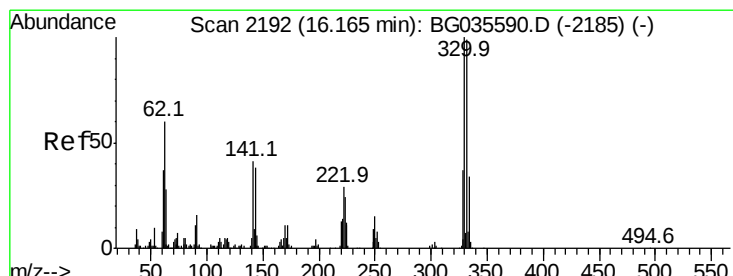
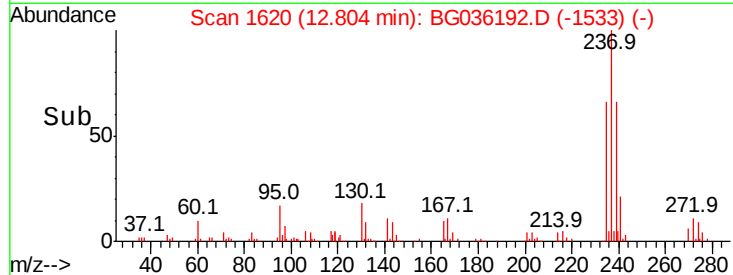
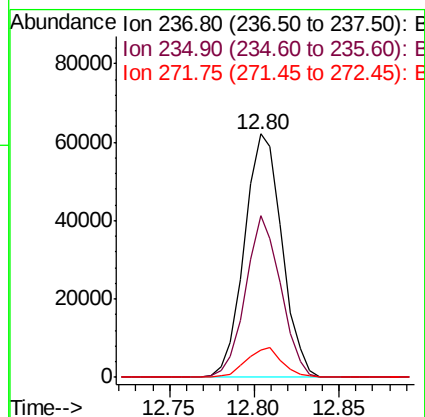
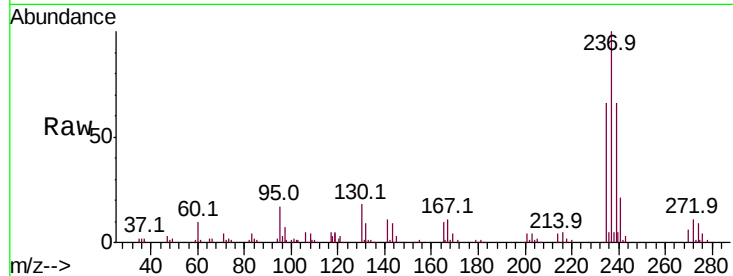
#40  
 Hexachlorocyclopentadiene  
 Concen: 69.655 ng  
 RT: 12.80 min Scan# 1620  
 Delta R.T. -0.02 min  
 Lab File: BG036192.D  
 Acq: 8 Aug 2018 11:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 237  | Resp: | 95949 |
| Ion Ratio |      | Lower | Upper |
| 237       | 100  |       |       |
| 235       | 66.2 | 50.4  | 90.4  |
| 272       | 11.3 | 0.0   | 31.8  |

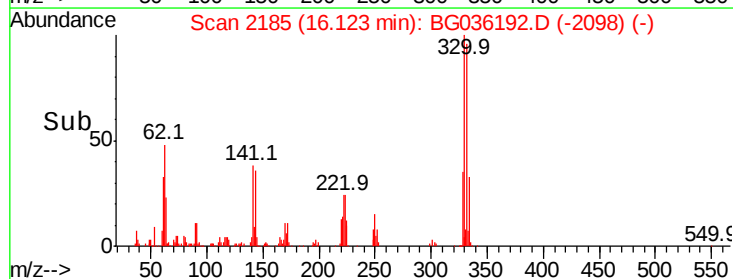
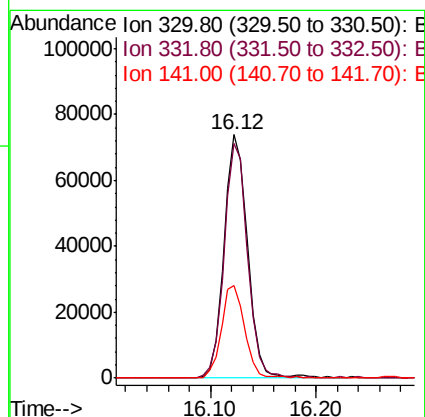
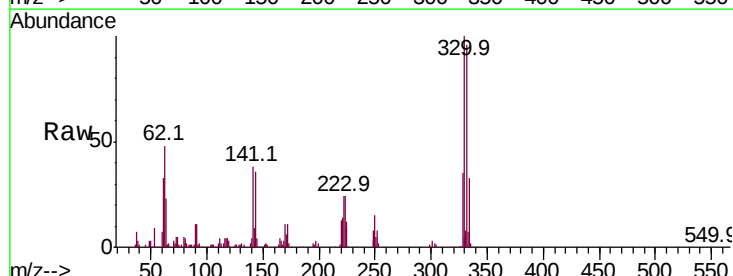
Manual Integrations  
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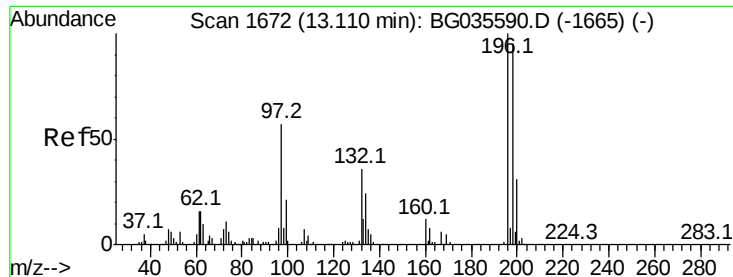
Sohil  
 8/8/2018 5:55:15 PM



#41  
 2,4,6-Tribromophenol  
 Concen: 124.235 ng  
 RT: 16.12 min Scan# 2185  
 Delta R.T. -0.02 min  
 Lab File: BG036192.D  
 Acq: 8 Aug 2018 11:23

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 113953 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 96.0 | 77.0  | 115.6  |
| 141       | 38.3 | 25.2  | 37.8#  |





#42

2,4,6-Trichlorophenol

Concen: 36.217 ng

RT: 13.07 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

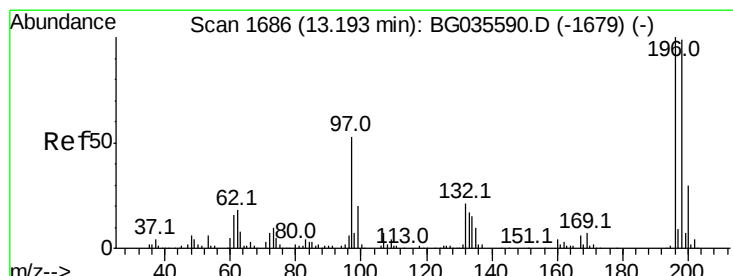
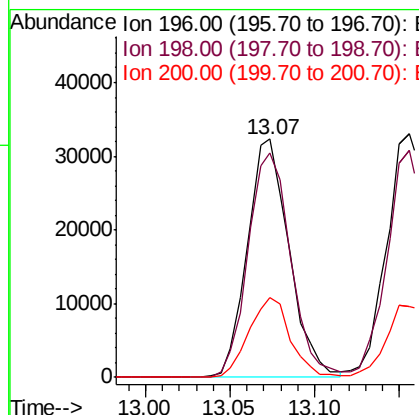
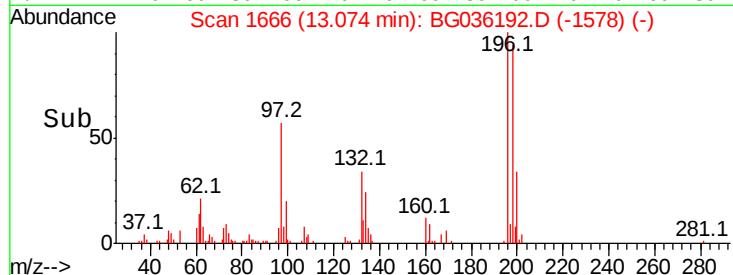
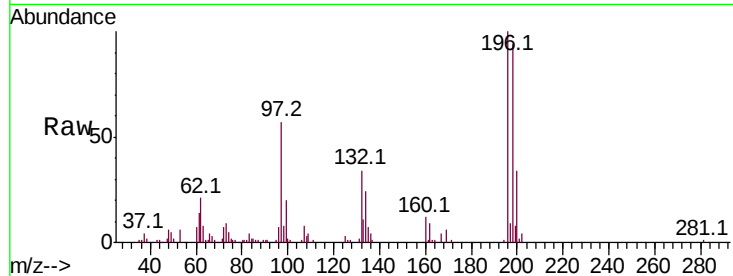
ClientSampleId :

TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 55631 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.1  | 78.2  | 117.2 |
| 200       | 33.6  | 24.6  | 36.8  |

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#43

2,4,5-Trichlorophenol

Concen: 38.197 ng

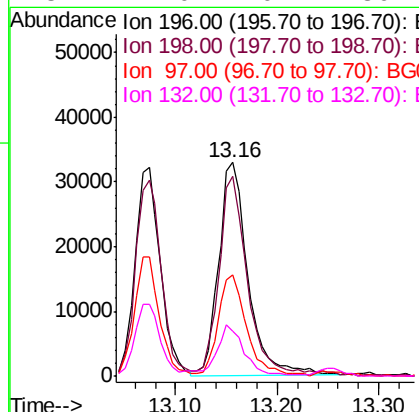
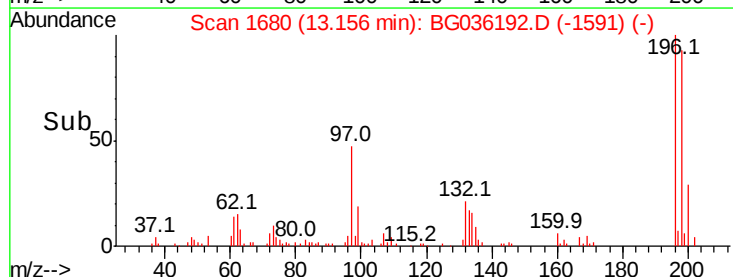
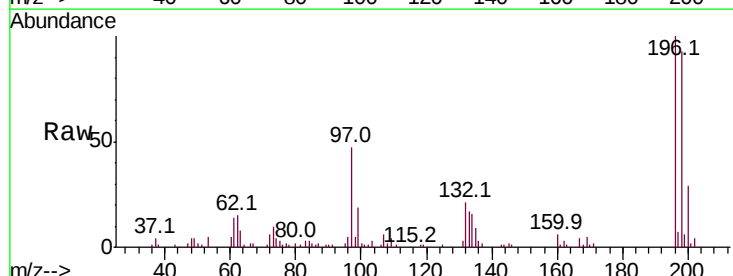
RT: 13.16 min Scan# 1680

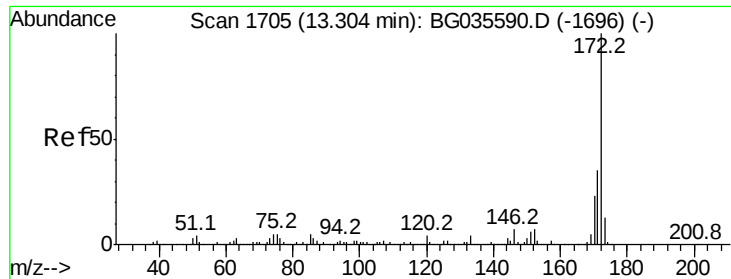
Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 65635 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 93.5  | 76.2  | 114.4 |
| 97        | 47.5  | 38.7  | 58.1  |
| 132       | 21.0  | 20.2  | 30.2  |





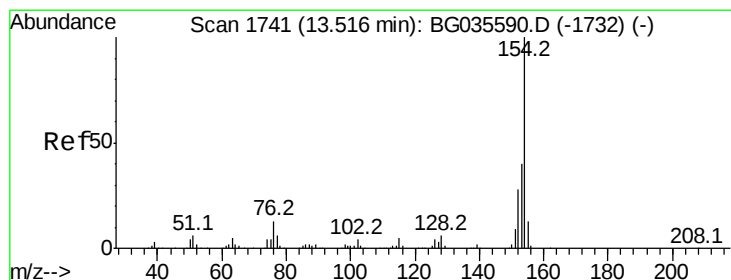
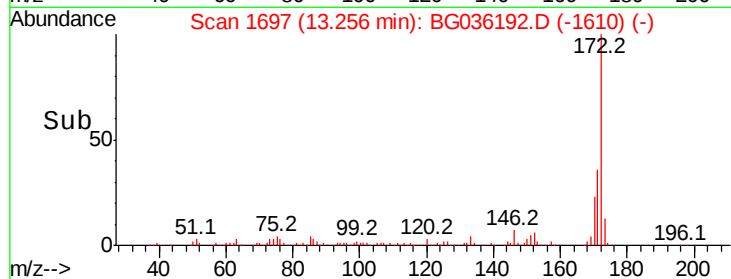
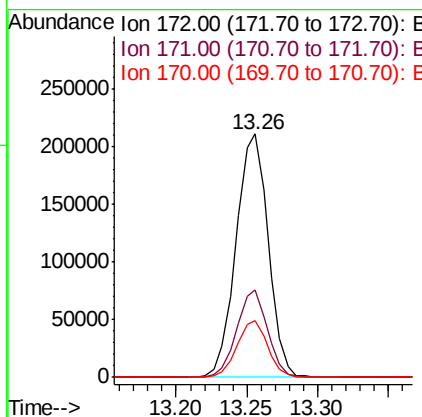
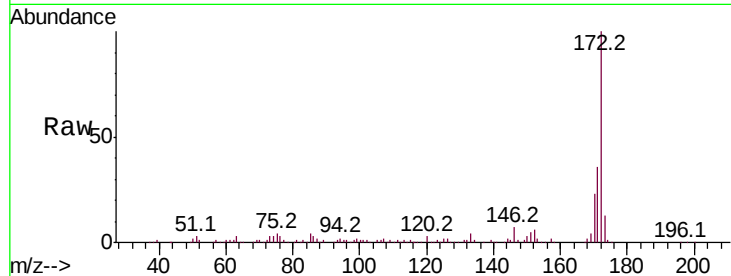
#44  
2-Fluorobiphenyl  
Concen: 64.674 ng  
RT: 13.26 min Scan# 1697  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 36.1  | 30.0 | 45.0  |       |
| 170     | 23.4  | 19.5 | 29.3  |       |

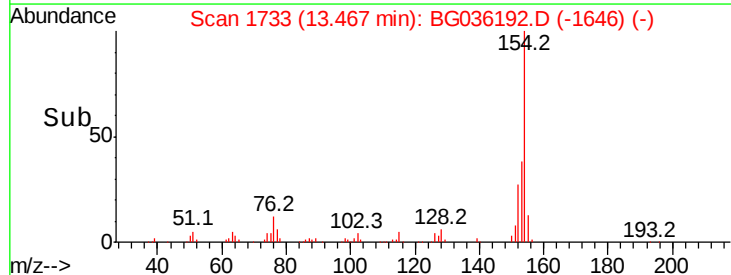
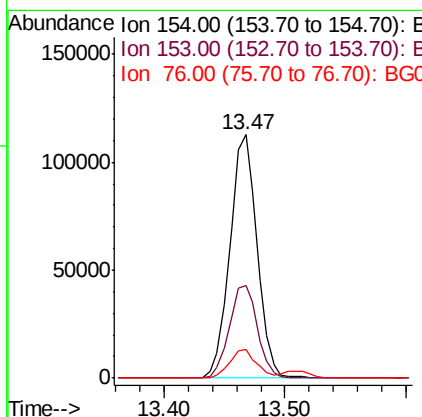
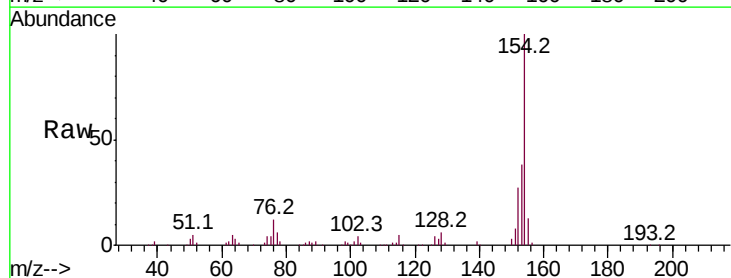
Manual Integrations  
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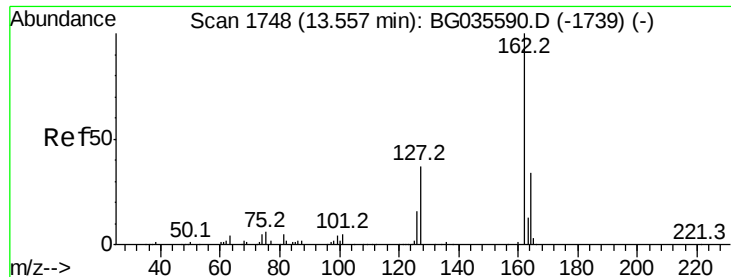
Sohil  
8/8/2018 5:55:15 PM



#45  
1,1'-Biphenyl  
Concen: 32.658 ng  
RT: 13.47 min Scan# 1733  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 37.8  | 19.8 | 59.8  |       |
| 76      | 11.6  | 0.0  | 31.9  |       |





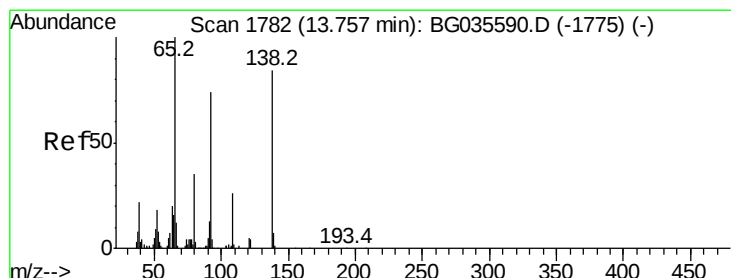
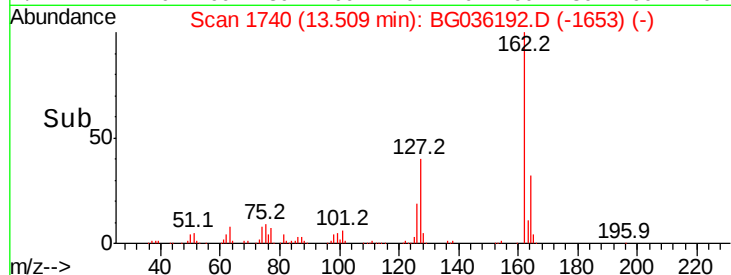
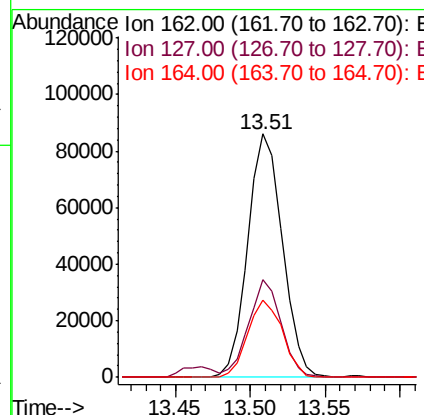
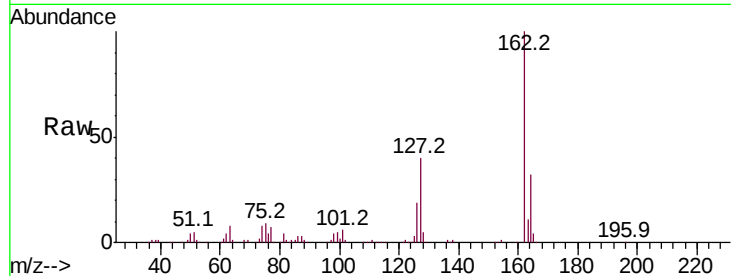
#46  
2-Chloronaphthalene  
Concen: 32.904 ng  
RT: 13.51 min Scan# 1740  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 138086 |       |       |
| 127     | 40.0  |        | 30.7  | 46.1  |
| 164     | 31.8  |        | 26.0  | 39.0  |

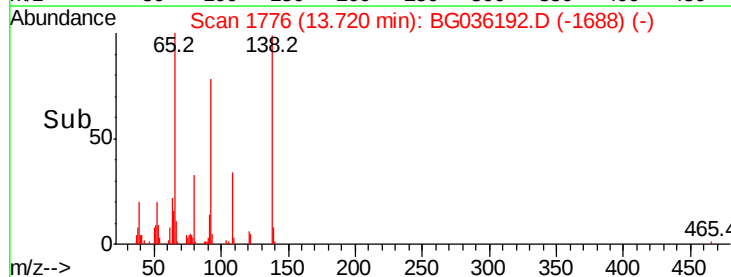
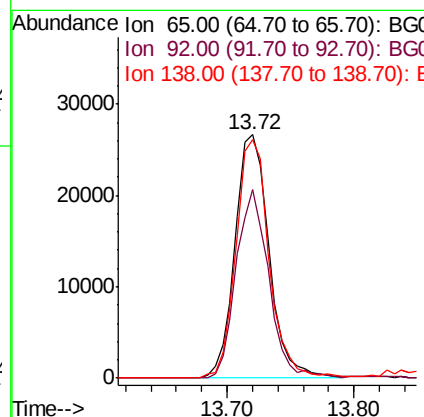
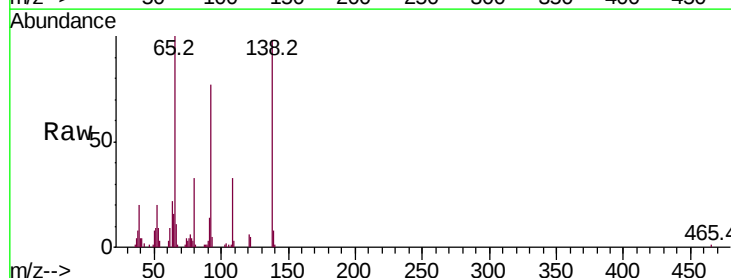
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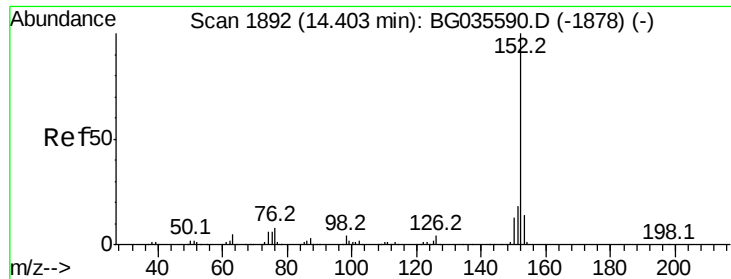
Sohil  
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#47  
2-Nitroaniline  
Concen: 33.457 ng  
RT: 13.72 min Scan# 1776  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 49639 |       |       |
| 92      | 77.3  |       | 54.6  | 82.0  |
| 138     | 97.9  |       | 72.9  | 109.3 |





#48

Acenaphthylene

Concen: 32.880 ng

RT: 14.35 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

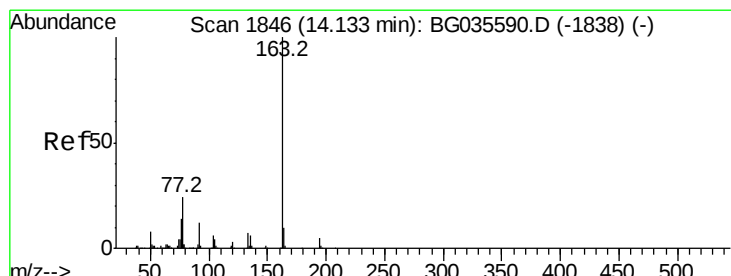
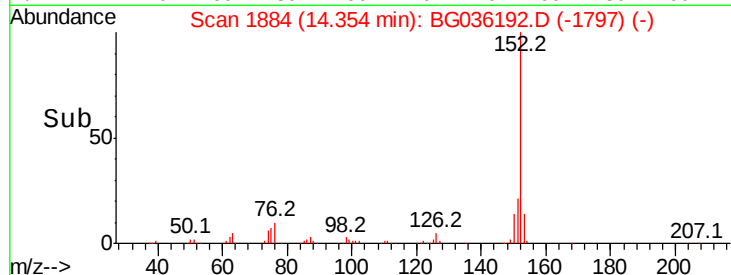
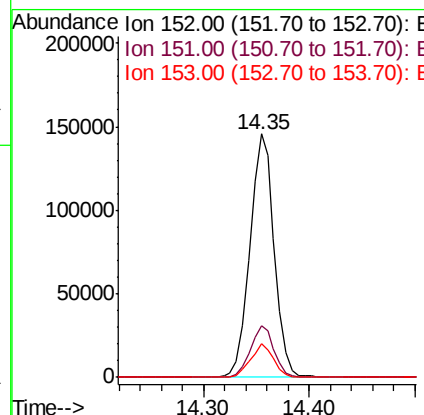
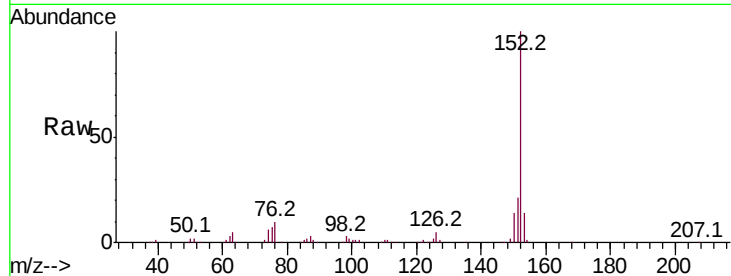
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 231142 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.0  | 17.2  | 25.8   |
| 153       | 14.1  | 10.2  | 15.4   |

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#49

Dimethylphthalate

Concen: 39.860 ng

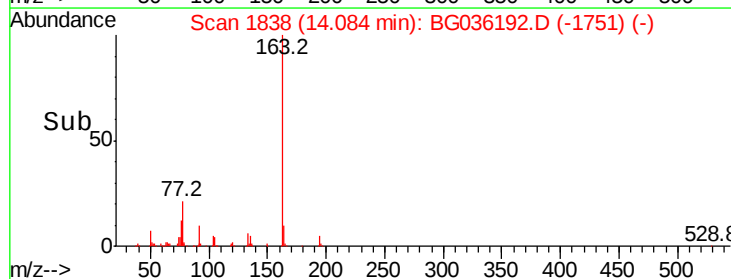
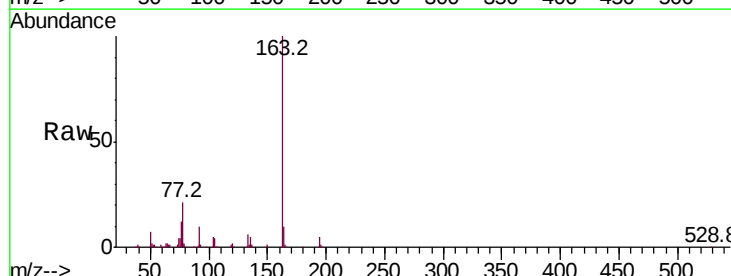
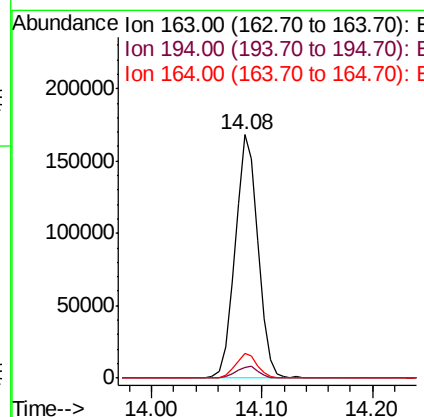
RT: 14.08 min Scan# 1838

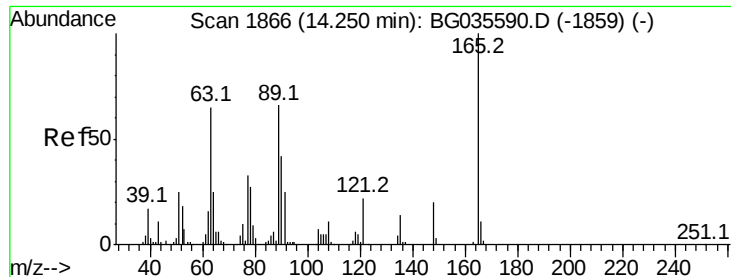
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 243031 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.4   | 5.2    |
| 164       | 9.9   | 8.2   | 12.4   |





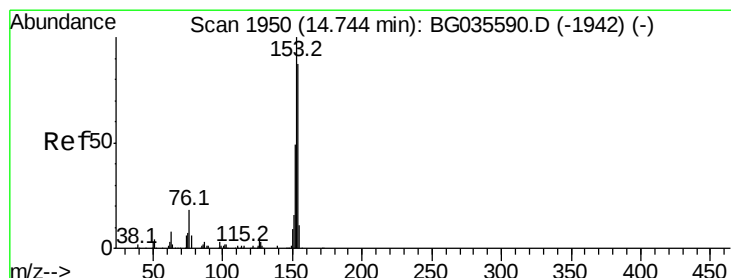
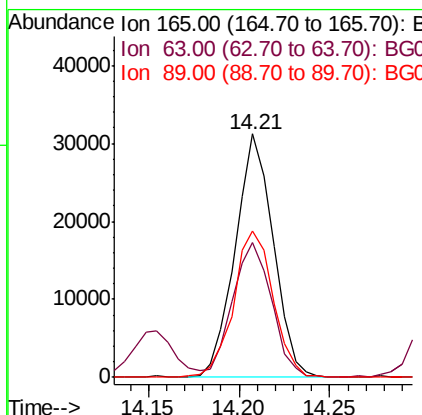
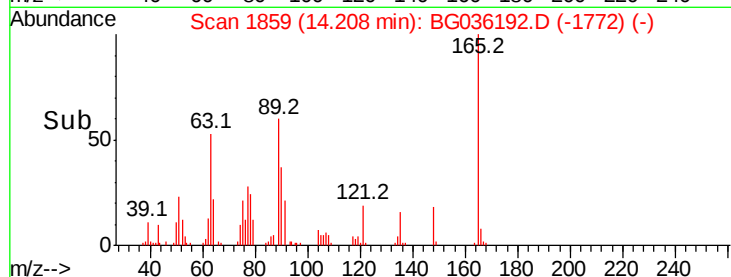
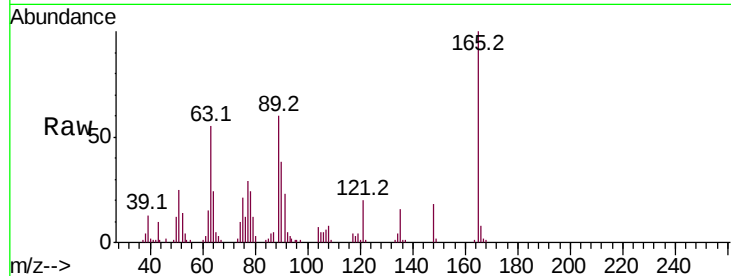
#50  
2,6-Dinitrotoluene  
Concen: 36.703 ng  
RT: 14.21 min Scan# 1859  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.5  | 52.7  | 79.1  |
| 89      | 60.0  | 49.2  | 73.8  |

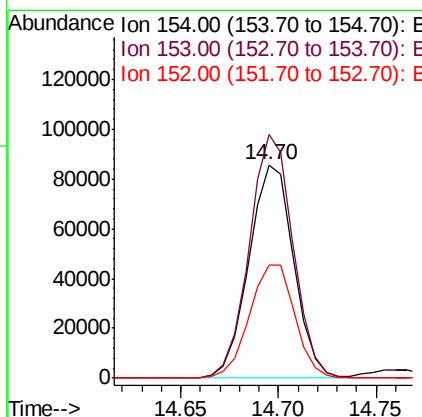
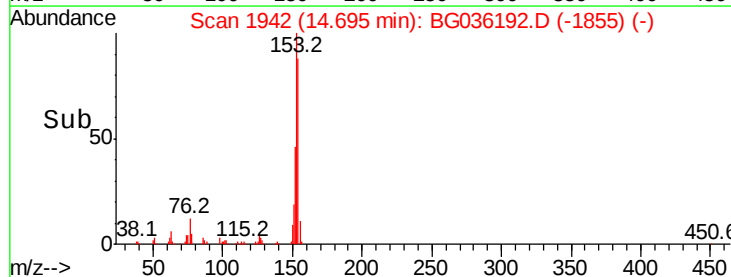
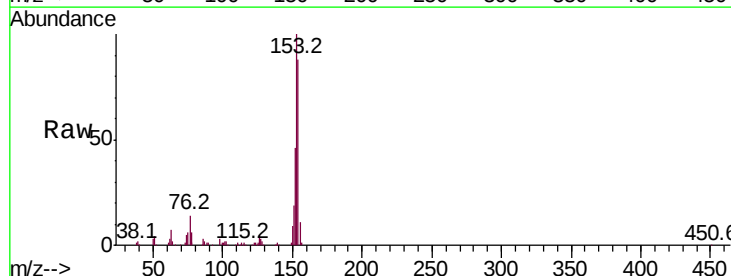
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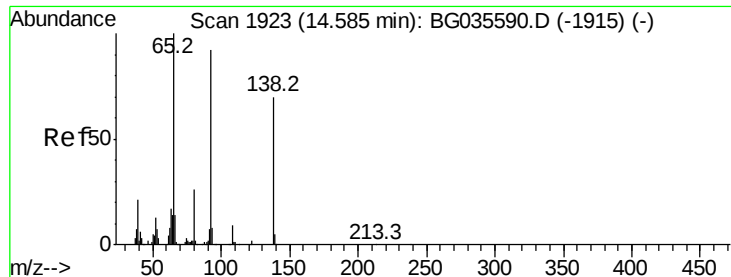
Sohil  
8/8/2018 5:55:15 PM



#51  
Acenaphthene  
Concen: 31.017 ng  
RT: 14.70 min Scan# 1942  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.3 | 90.4  | 135.6 |
| 152     | 53.1  | 41.6  | 62.4  |





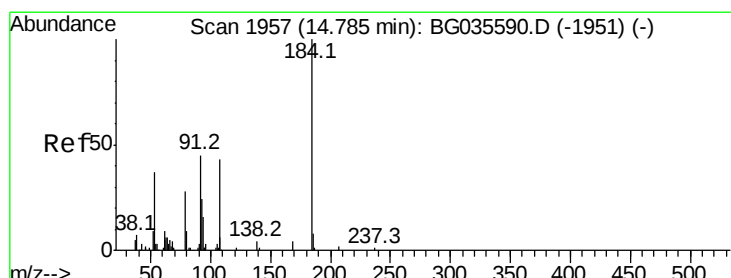
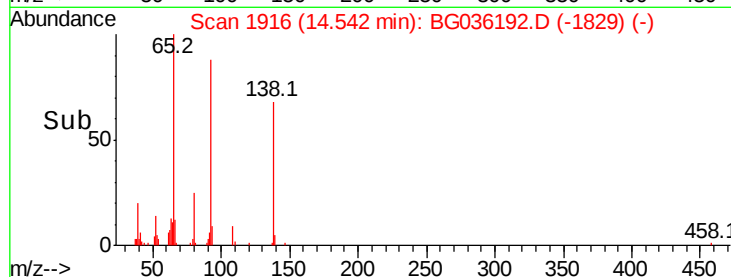
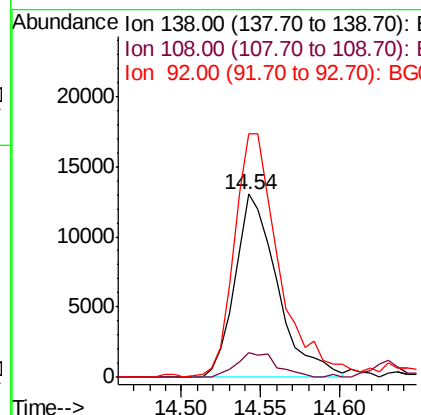
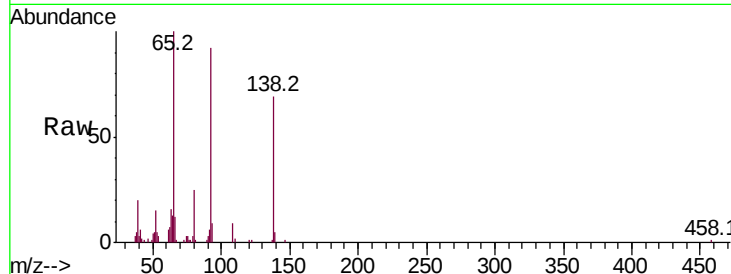
#52  
3-Nitroaniline  
Concen: 19.054 ng  
RT: 14.54 min Scan# 1916  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.2  | 17.5  | 26.3# |
| 92      | 132.7 | 105.8 | 158.8 |

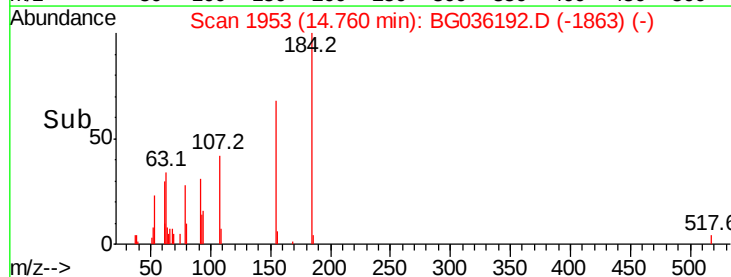
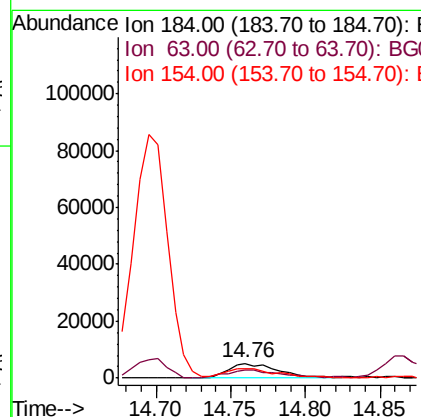
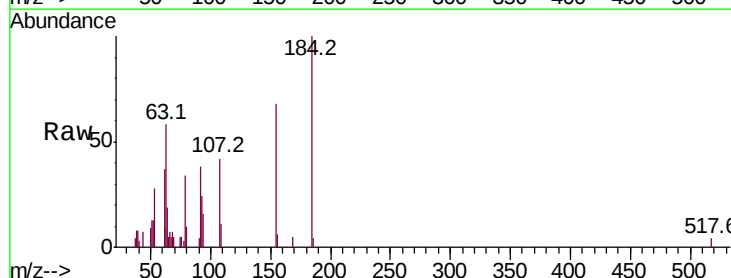
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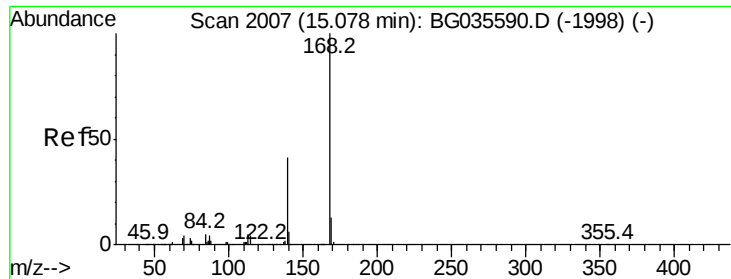
Sohil  
8/8/2018 5:55:15 PM



#53  
2,4-Dinitrophenol  
Concen: 23.871 ng  
RT: 14.76 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 57.7  | 59.8  | 89.8#  |
| 154     | 67.9  | 101.8 | 152.8# |





#54

Dibenzofuran

Concen: 33.811 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

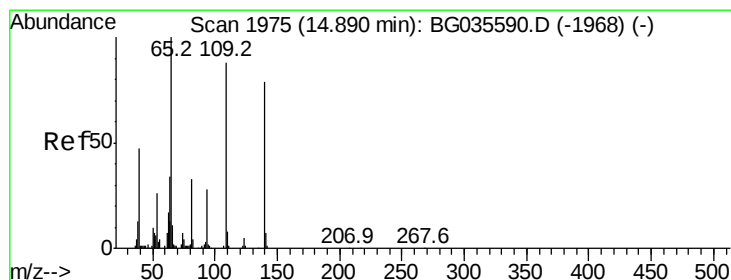
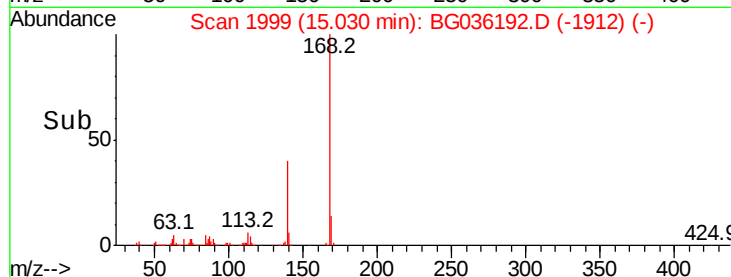
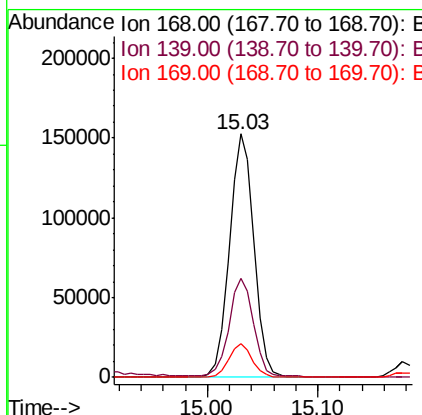
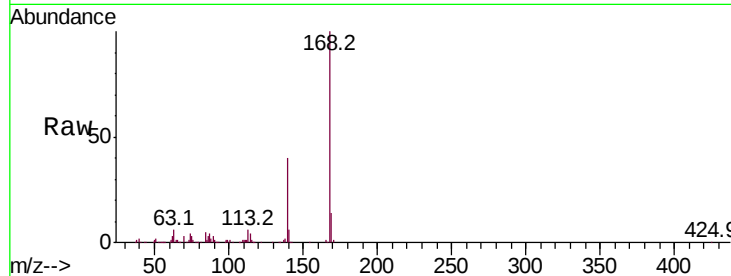
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 235479 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 40.4  | 28.6  | 43.0   |
| 169       | 14.0  | 11.2  | 16.8   |

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#55

4-Nitrophenol

Concen: 57.935 ng

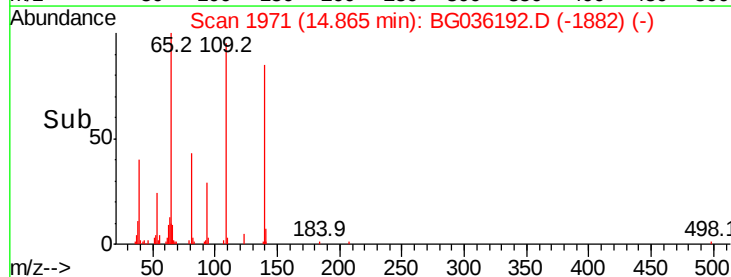
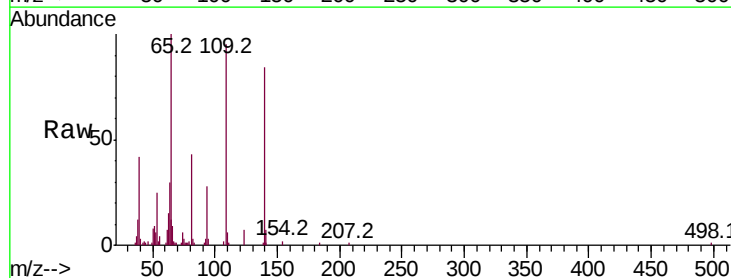
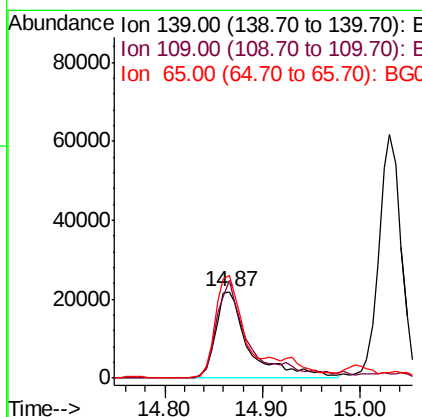
RT: 14.87 min Scan# 1971

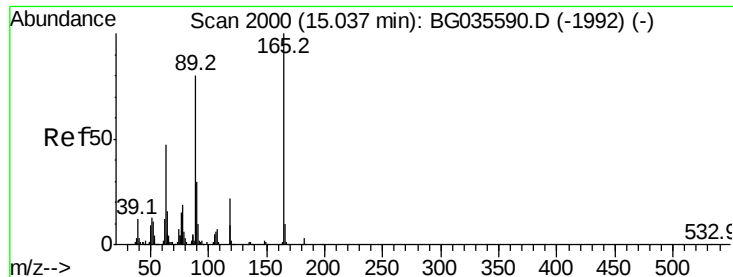
Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 52358  |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 113.1 | 62.2  | 102.2# |
| 65        | 118.7 | 97.2  | 137.2  |





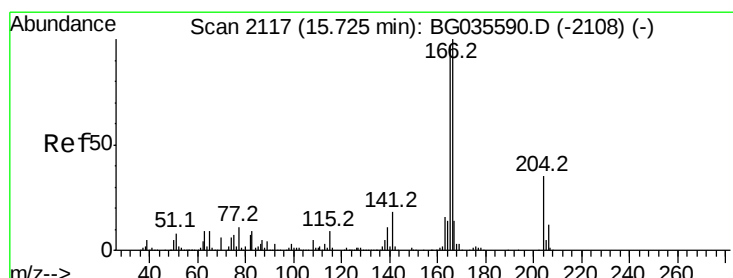
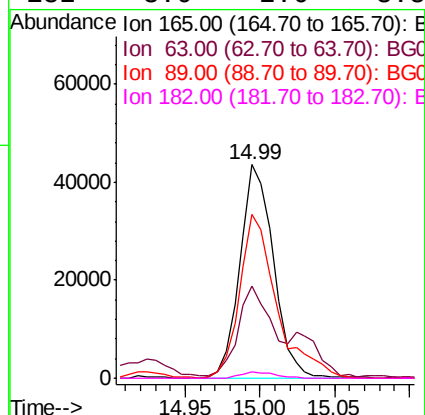
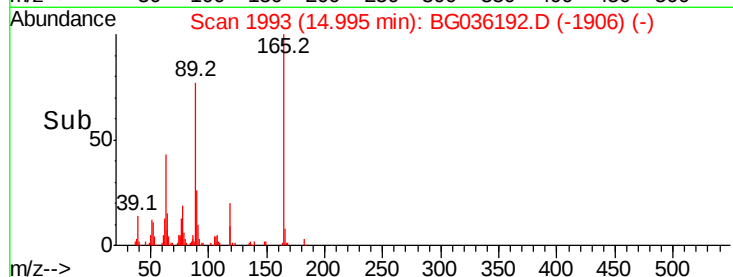
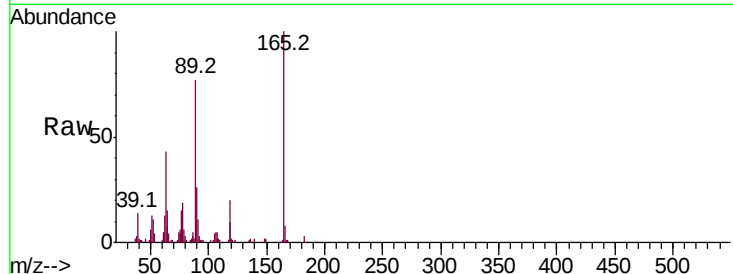
#56  
2,4-Dinitrotoluene  
Concen: 38.132 ng  
RT: 14.99 min Scan# 1993  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 67922 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 43.1  | 42.0  | 63.0  |
| 89        | 76.5  | 66.9  | 100.3 |
| 182       | 3.0   | 2.6   | 3.8   |

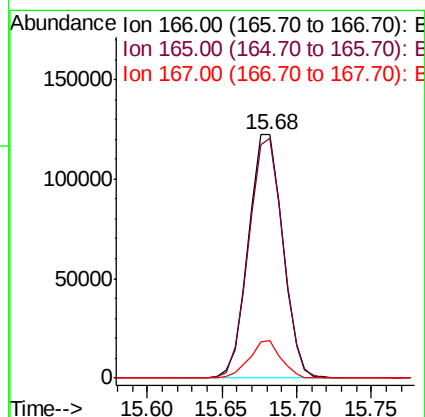
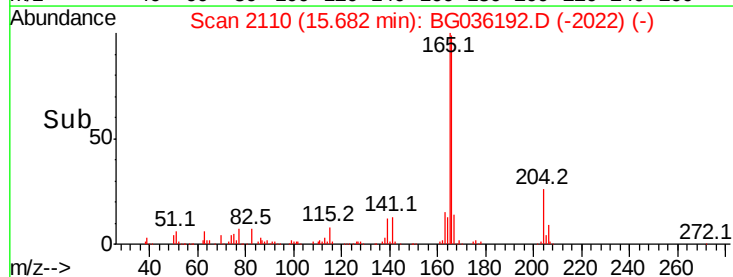
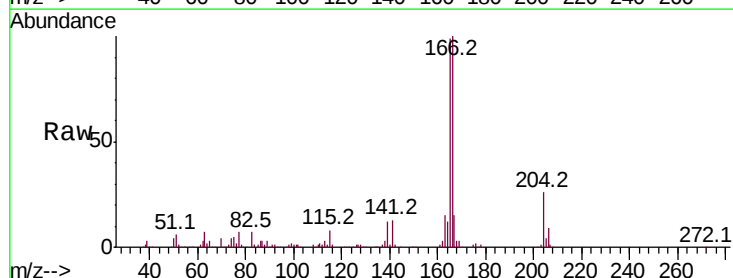
Manual Integrations  
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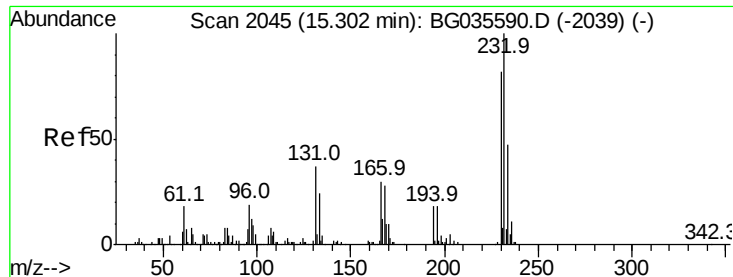
Sohil  
8/8/2018 5:55:15 PM



#57  
Fluorene  
Concen: 33.238 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 194019 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.7  | 80.6  | 121.0  |
| 167       | 15.3  | 10.4  | 15.6   |





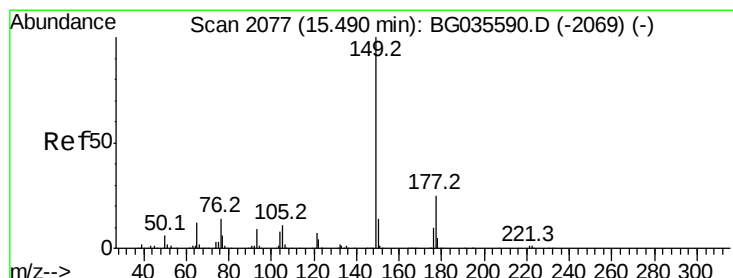
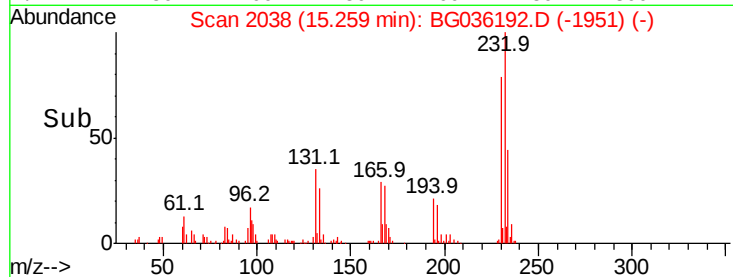
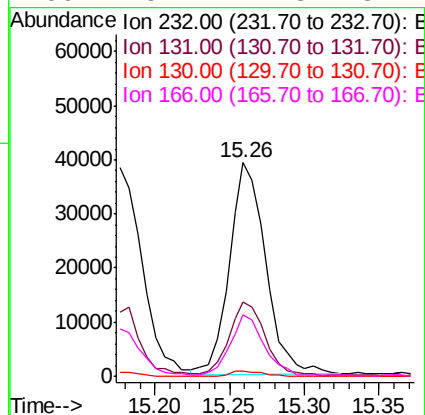
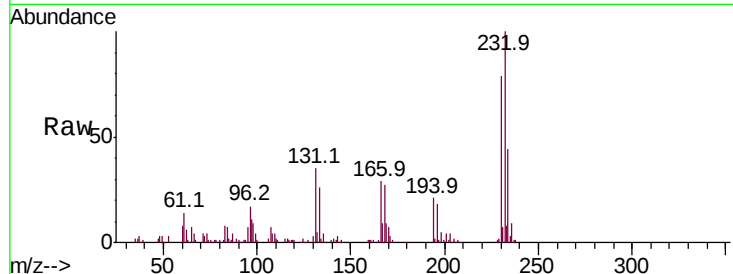
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 40.273 ng  
RT: 15.26 min Scan# 2038  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 66351 |       |       |
| 131     | 35.5  |       | 33.5  | 50.3  |
| 130     | 2.1   |       | 2.2   | 3.2#  |
| 166     | 28.4  |       | 24.8  | 37.2  |

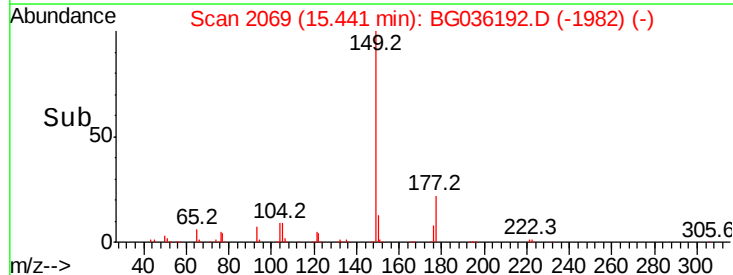
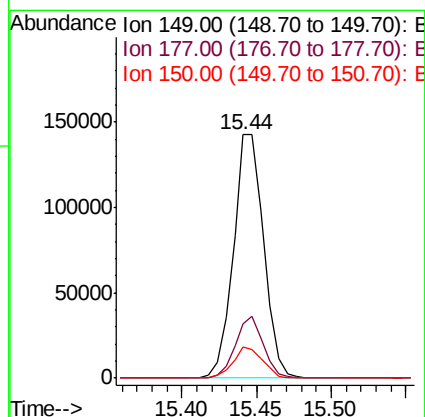
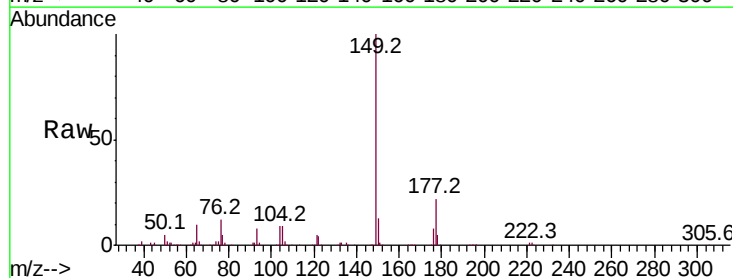
Manual Integrations  
APPROVED

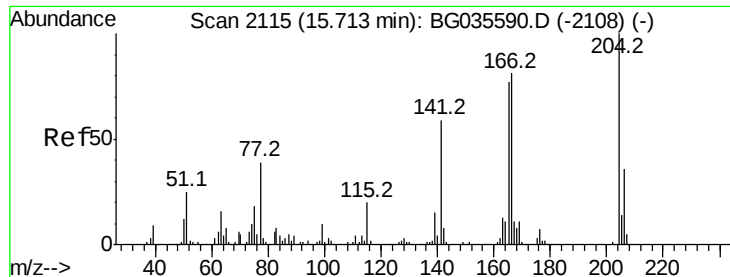
Sohil  
8/8/2018 5:55:15 PM



#59  
Diethylphthalate  
Concen: 32.173 ng  
RT: 15.44 min Scan# 2069  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 201708 |       |       |
| 177     | 22.4  |        | 18.5  | 27.7  |
| 150     | 12.6  |        | 10.2  | 15.2  |





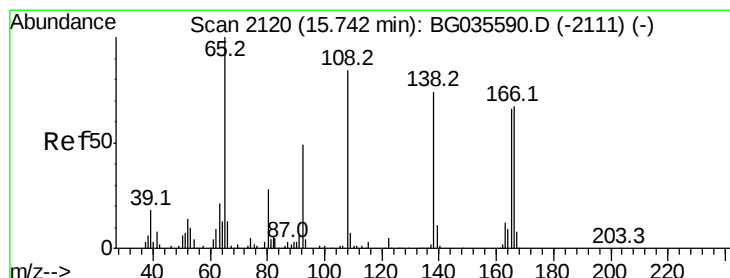
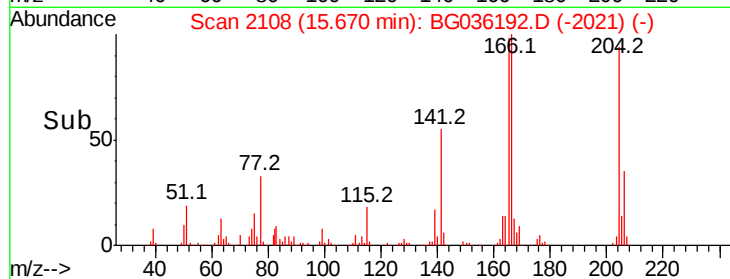
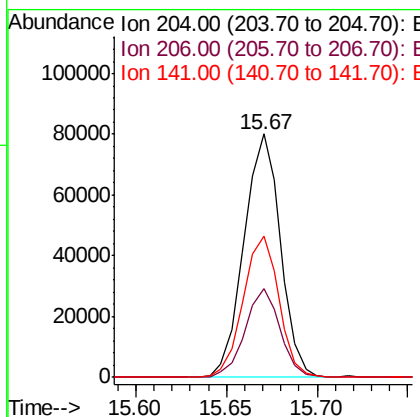
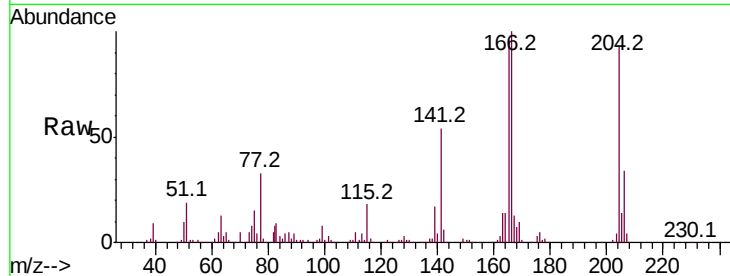
#60  
4-Chlorophenyl-phenylether  
Concen: 32.802 ng  
RT: 15.67 min Scan# 2108  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.7  | 26.2  | 39.2  |
| 141     | 58.1  | 45.8  | 68.6  |

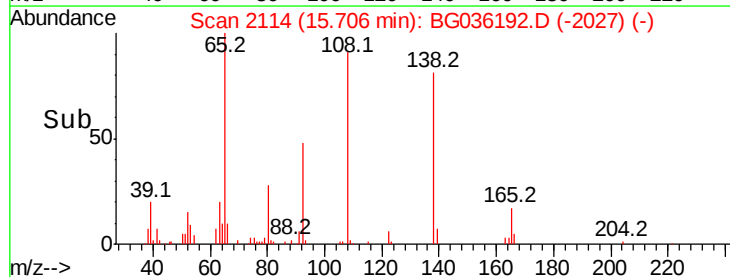
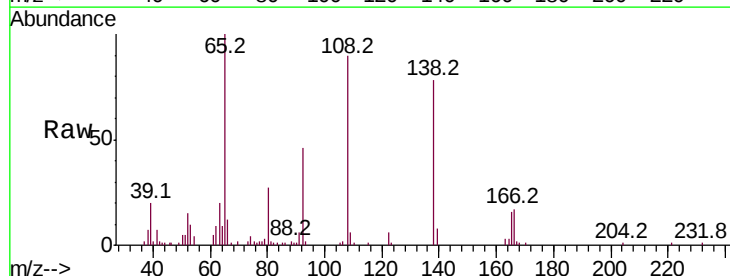
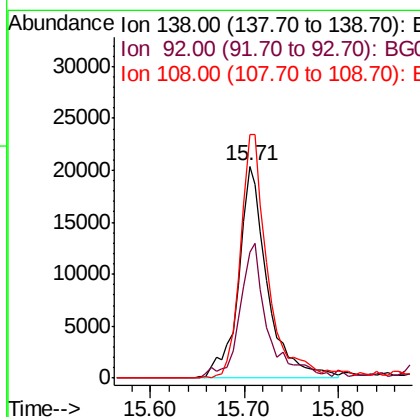
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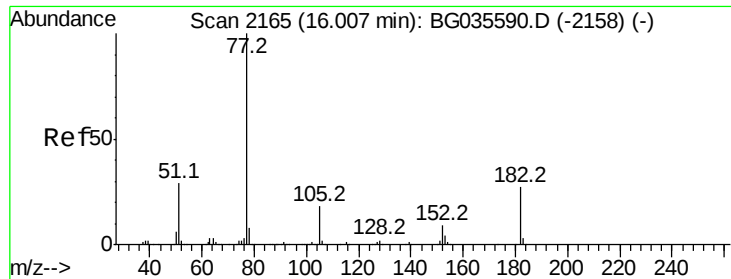
Sohil  
8/8/2018 5:55:15 PM



#61  
4-Nitroaniline  
Concen: 32.656 ng  
RT: 15.71 min Scan# 2114  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 59.3  | 40.1  | 80.1   |
| 108     | 114.7 | 65.4  | 105.4# |





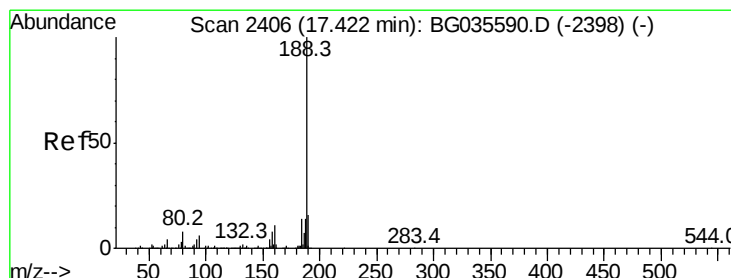
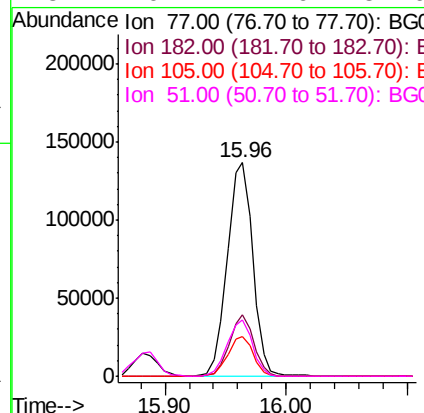
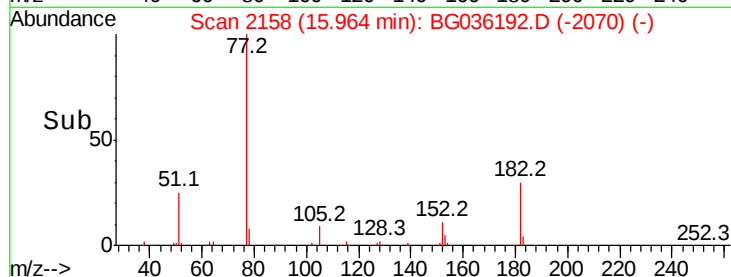
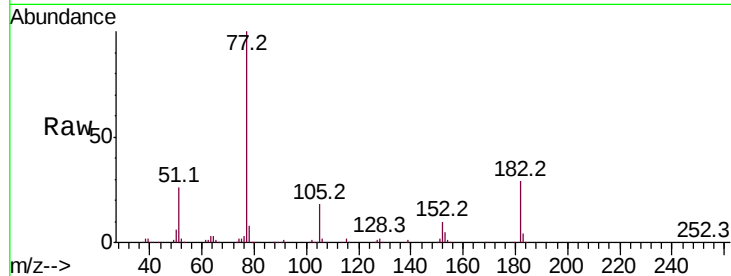
#62  
Azobenzene  
Concen: 32.292 ng  
RT: 15.96 min Scan# 2158  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 199695 |       |       |
| 182     | 28.9 | 7.4   | 47.4   |       |       |
| 105     | 18.4 | 0.3   | 40.3   |       |       |
| 51      | 26.4 | 11.6  | 51.6   |       |       |

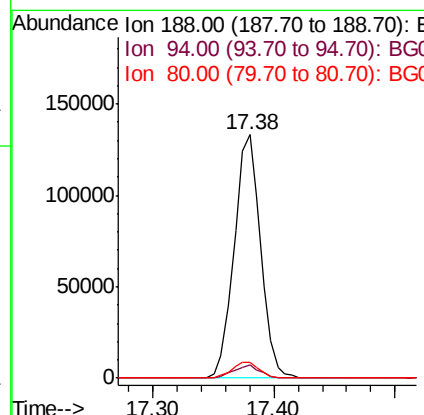
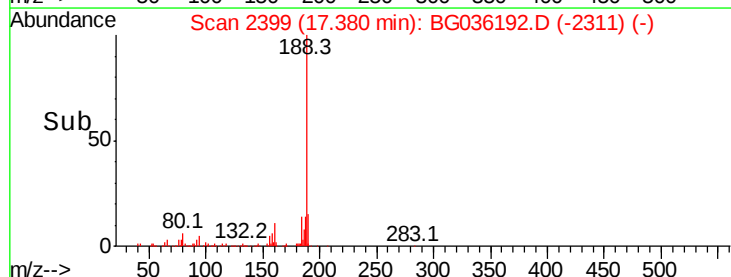
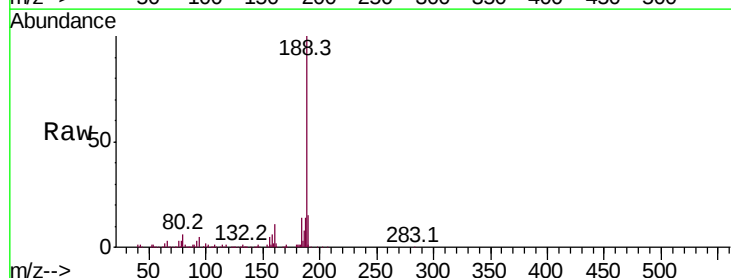
Manual Integrations  
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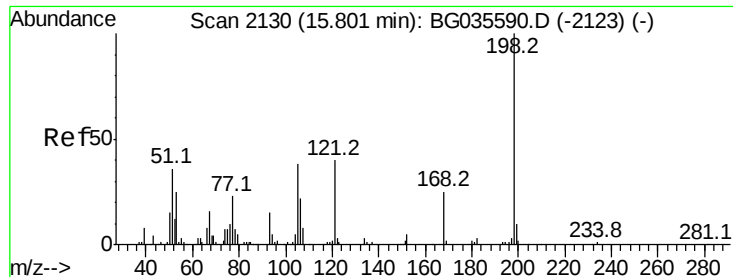
Sohil  
8/8/2018 5:55:15 PM



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2399  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 202730 |       |       |
| 94      | 5.3 | 6.9   | 10.3#  |       |       |
| 80      | 6.4 | 7.7   | 11.5#  |       |       |





#64

4,6-Dinitro-2-methylphenol

Concen: 28.131 ng

RT: 15.76 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

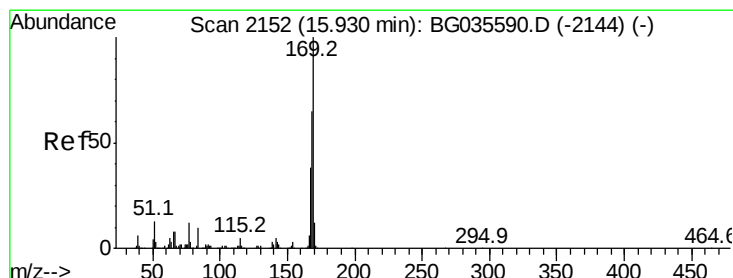
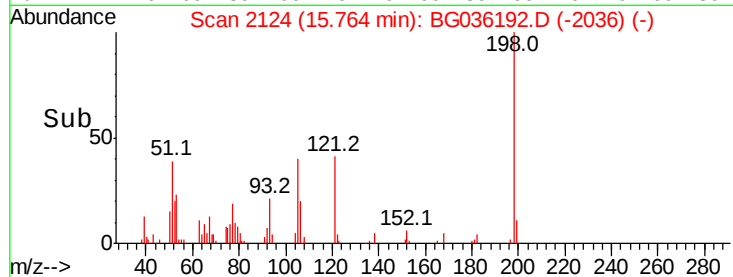
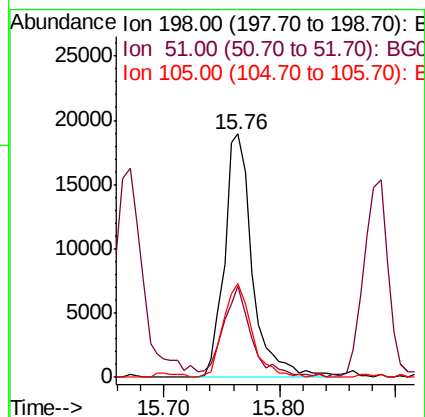
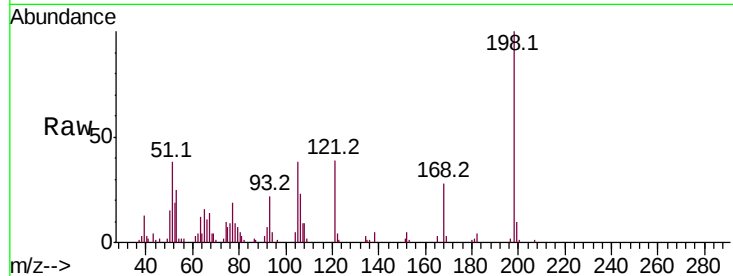
ClientSampled :

TP-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 31746 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 37.7  | 30.6  | 70.6  |
| 105       | 38.4  | 23.8  | 63.8  |

Manual Integrations  
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#65

n-Nitrosodiphenylamine

Concen: 29.987 ng

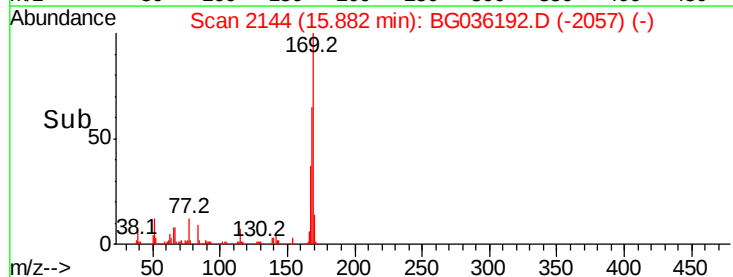
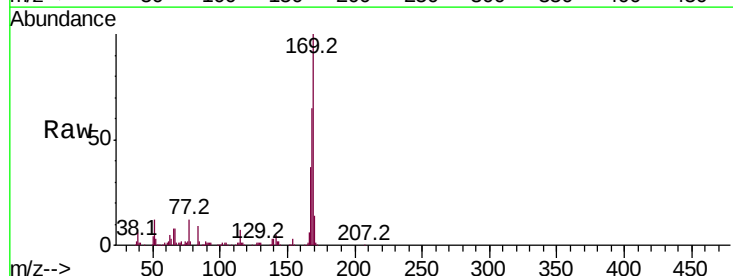
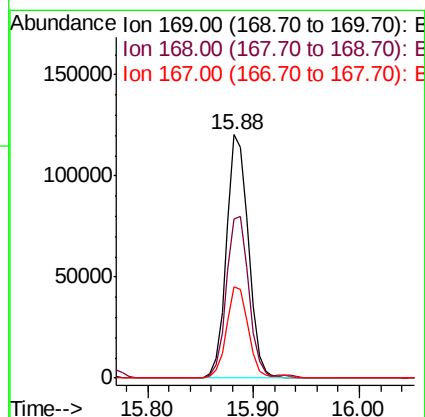
RT: 15.88 min Scan# 2144

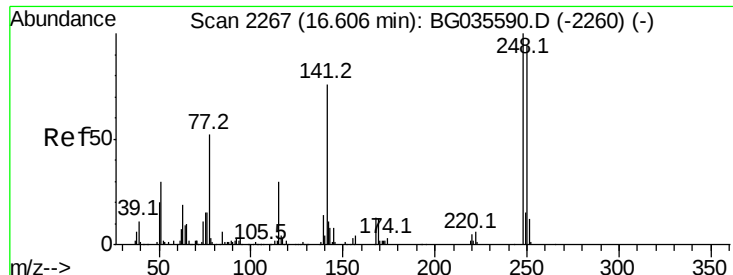
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 173037 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 65.3  | 55.7  | 83.5   |
| 167       | 37.3  | 30.1  | 45.1   |





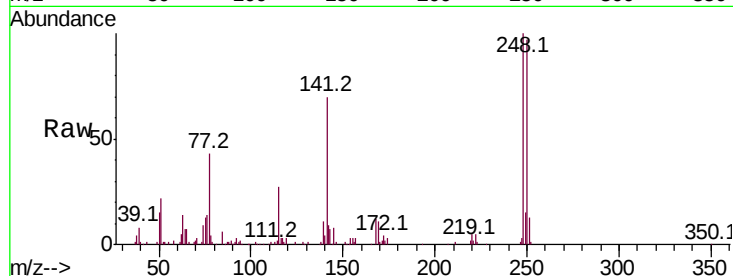
#66  
4-Bromophenyl-phenylether  
Concen: 32.725 ng  
RT: 16.56 min Scan# 2260  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

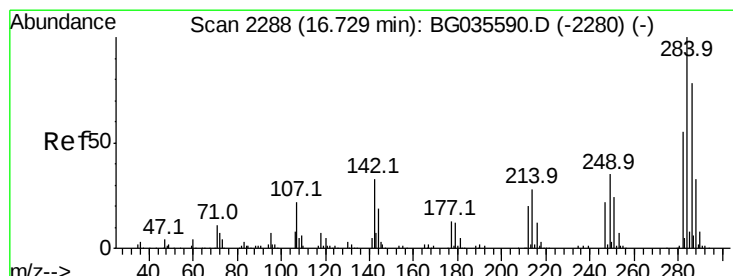
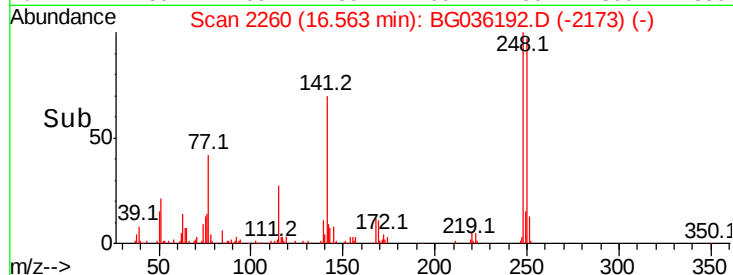
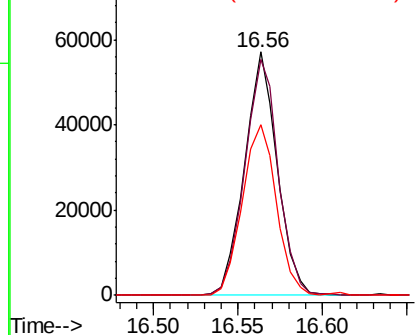
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 77.1  | 115.7 |
| 141     | 70.0  | 50.8  | 76.2  |

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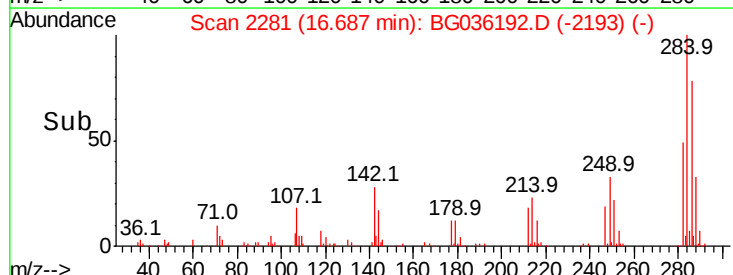
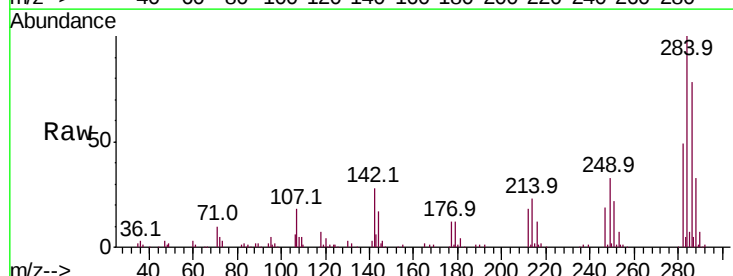
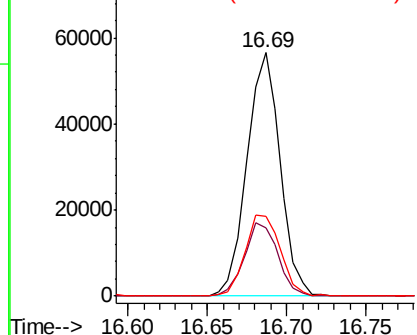
Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

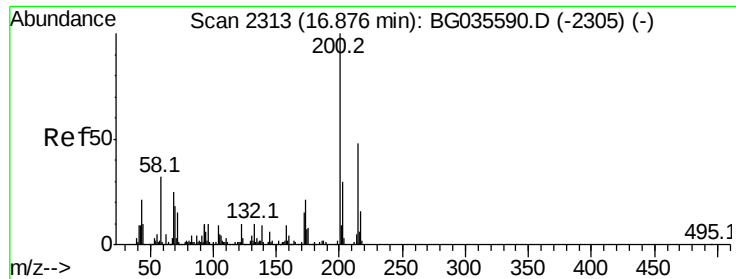


#67  
Hexachlorobenzene  
Concen: 33.848 ng  
RT: 16.69 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.0  | 26.8  | 40.2  |
| 249     | 33.0  | 26.3  | 39.5  |

Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





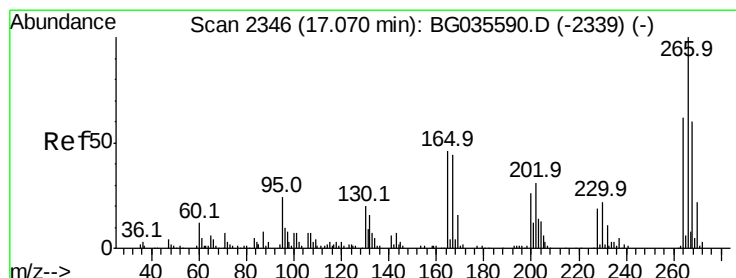
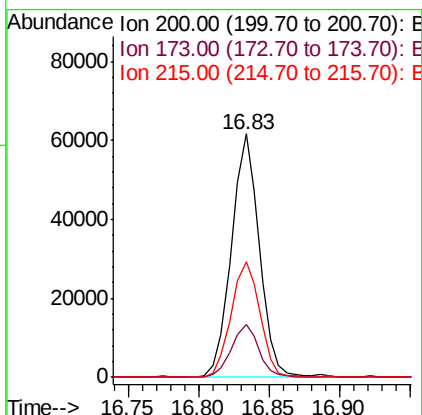
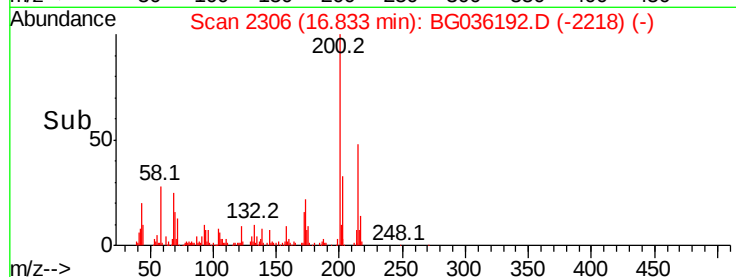
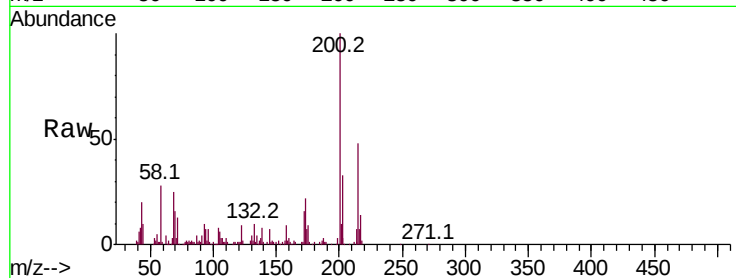
#68  
Atrazine  
Concen: 35.763 ng  
RT: 16.83 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.9  | 5.2   | 45.2  |
| 215     | 47.7  | 30.4  | 70.4  |

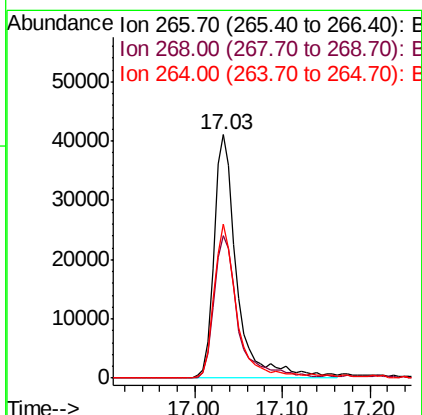
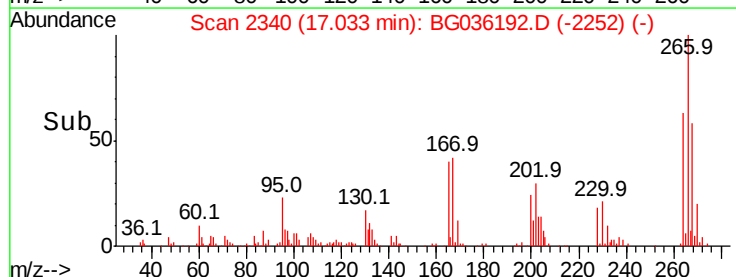
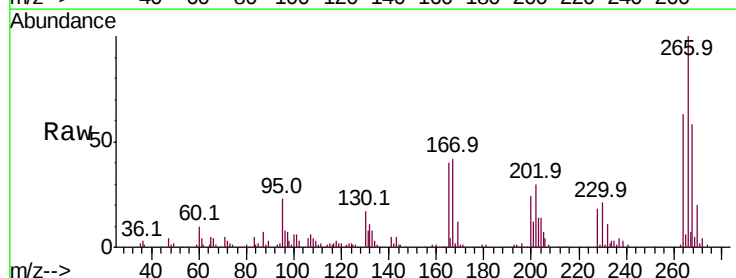
Manual Integrations  
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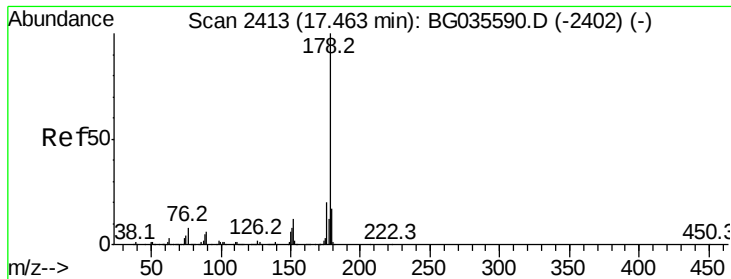
Sohil  
8/8/2018 5:55:15 PM



#69  
Pentachlorophenol  
Concen: 50.392 ng  
RT: 17.03 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 58.5  | 51.1  | 76.7  |
| 264     | 63.2  | 49.6  | 74.4  |





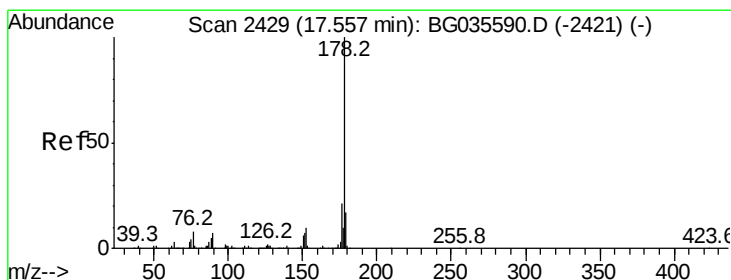
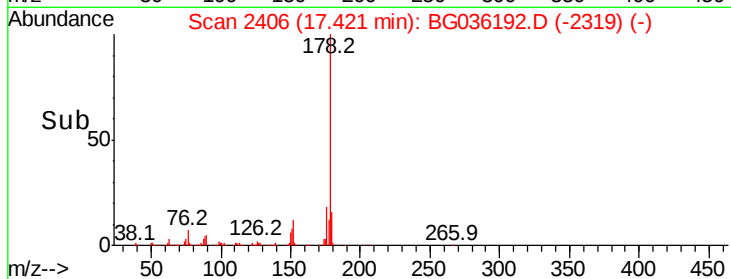
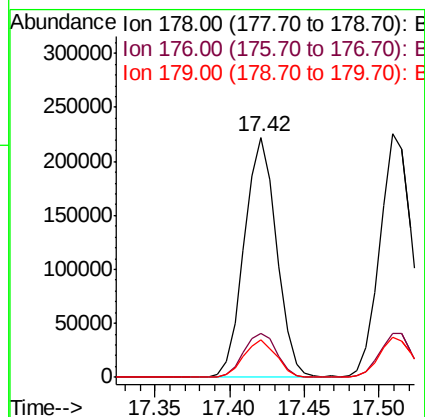
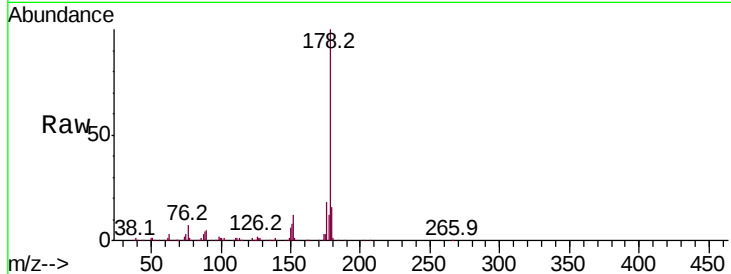
#70  
Phenanthrene  
Concen: 32.916 ng  
RT: 17.42 min Scan# 2406  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.7  | 23.5  |
| 179     | 15.7  | 12.5  | 18.7  |

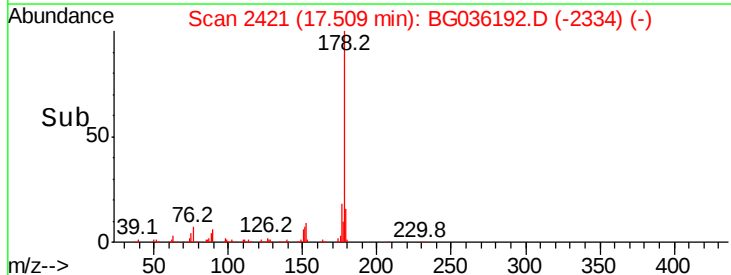
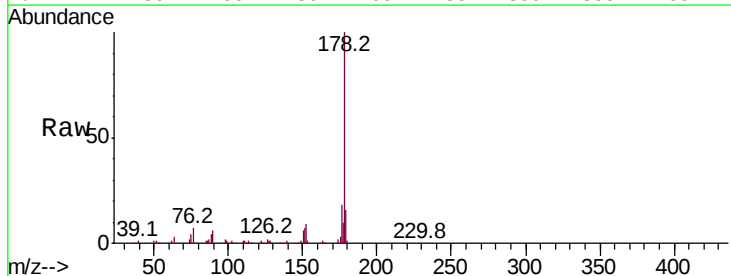
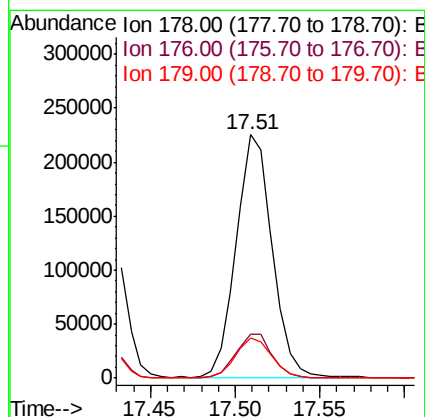
Manual Integrations  
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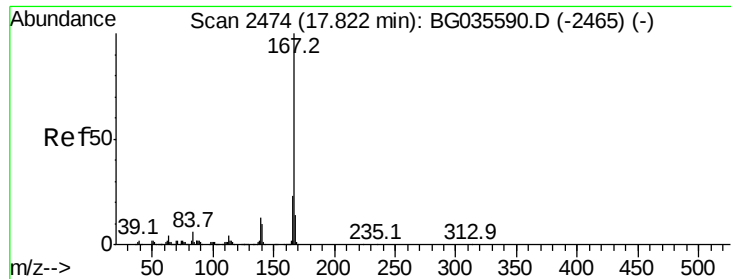
Sohil  
8/8/2018 5:55:15 PM



#71  
Anthracene  
Concen: 32.984 ng  
RT: 17.51 min Scan# 2421  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 16.0  | 24.0  |
| 179     | 16.3  | 12.5  | 18.7  |





#72

Carbazole

Concen: 32.236 ng

RT: 17.79 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

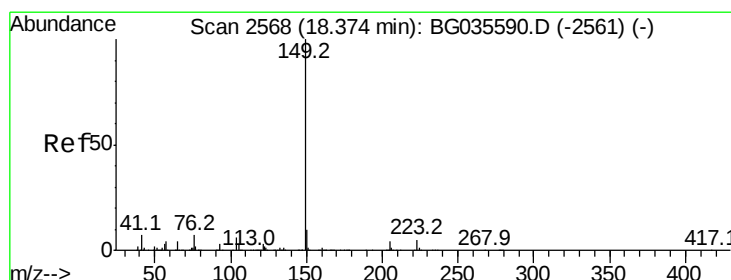
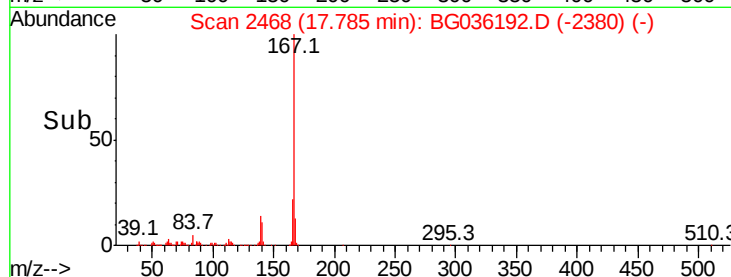
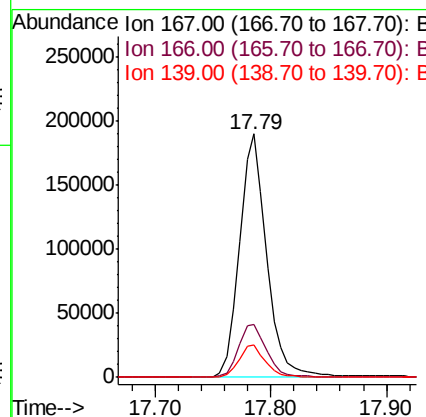
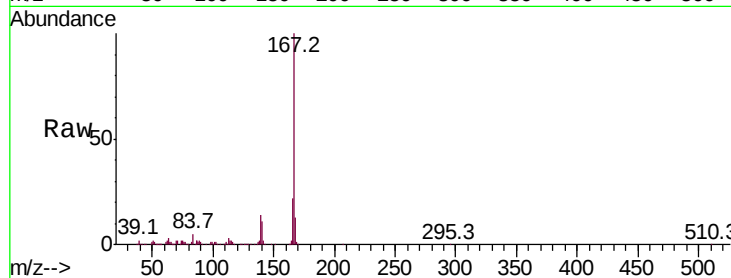
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 308365 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.5  | 18.2  | 27.4   |
| 139       | 13.5  | 9.4   | 14.2   |

Manual Integrations  
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#73

Di-n-butylphthalate

Concen: 31.187 ng

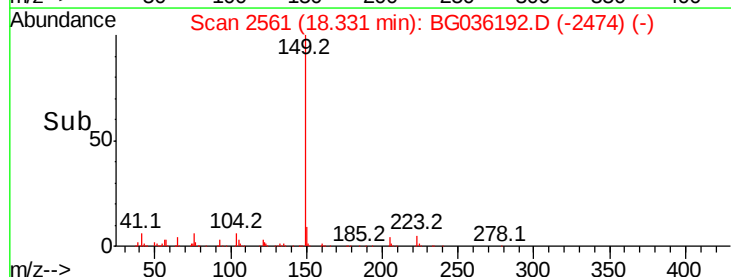
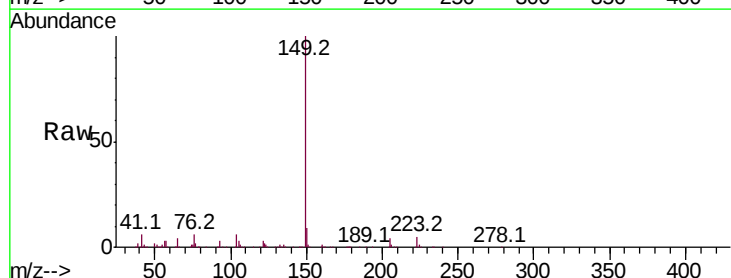
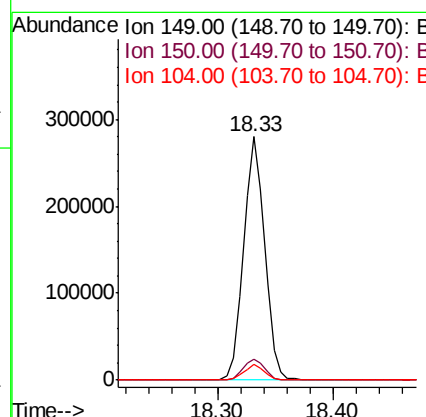
RT: 18.33 min Scan# 2561

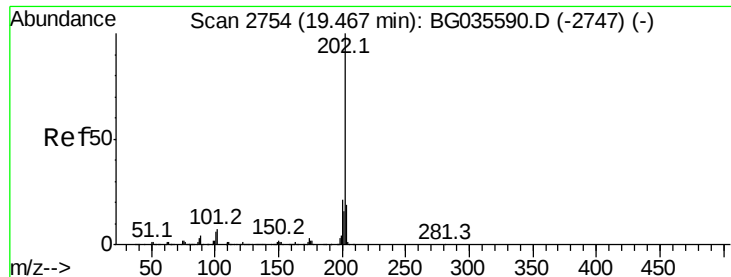
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 352545 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.7   | 7.8   | 11.6   |
| 104       | 6.5   | 3.9   | 5.9    |





#74

Fluoranthene

Concen: 34.404 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

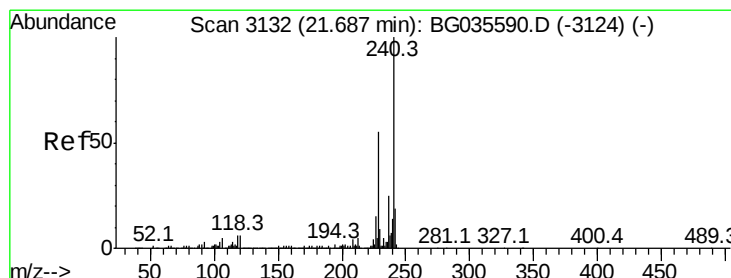
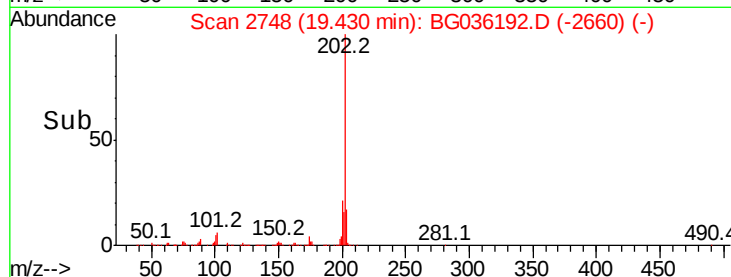
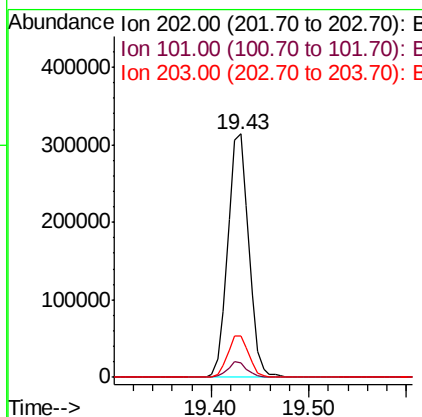
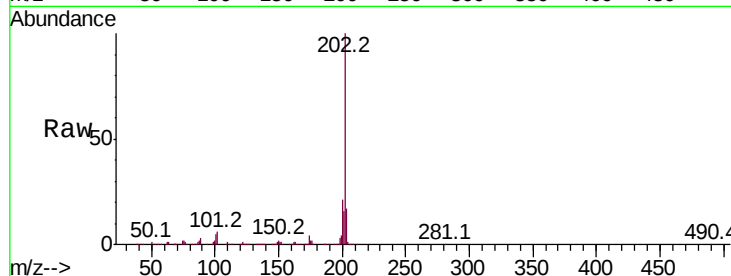
ClientSampleId :

TP-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 468787 |       |       |
| 101     | 5.7   | 0.0    | 28.9  |       |
| 203     | 17.2  | 0.0    | 37.5  |       |

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#75

Chrysene-d12

Concen: 20.000 ng

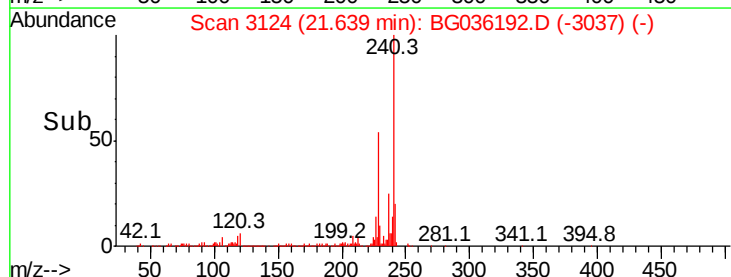
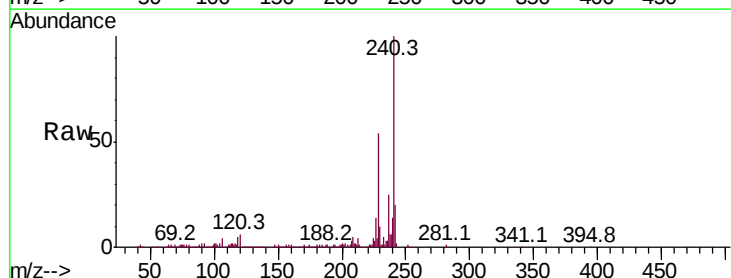
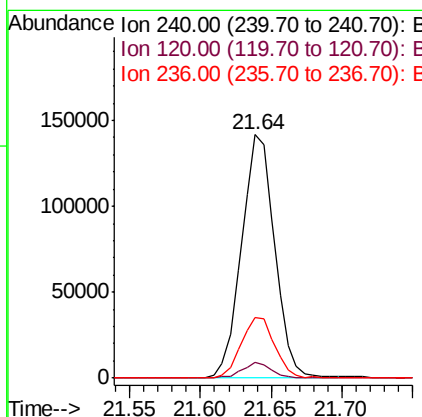
RT: 21.64 min Scan# 3124

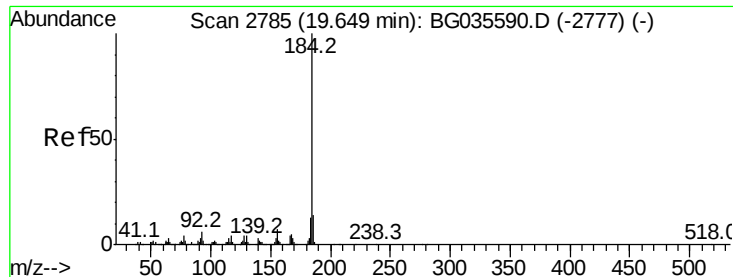
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 231278 |       |       |
| 120     | 6.4   | 6.8    | 10.2# |       |
| 236     | 25.1  | 20.9   | 31.3  |       |





#76

Benzidine

Concen: 17.399 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

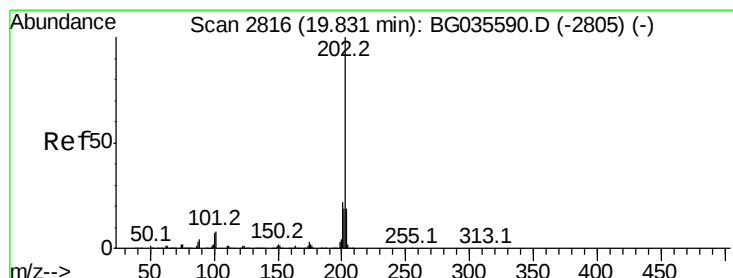
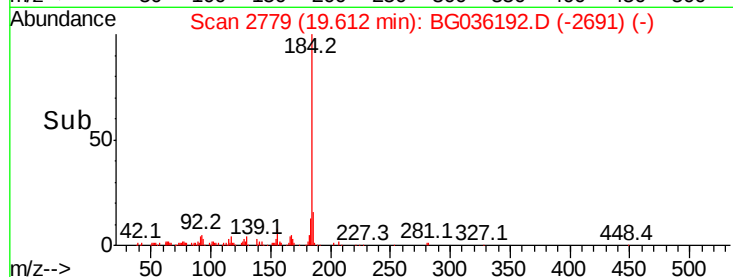
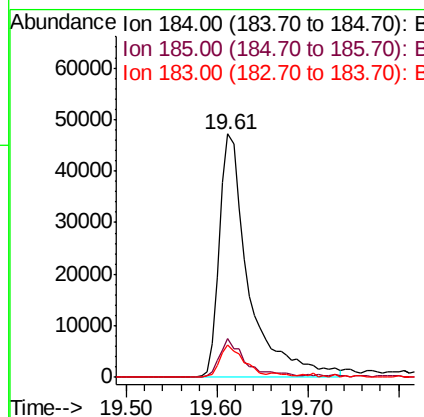
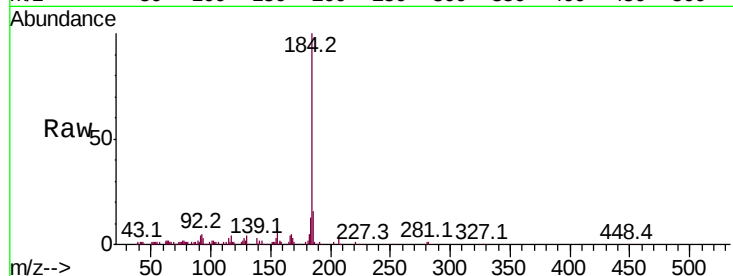
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 105791 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.7  | 11.1  | 16.7   |
| 183       | 13.1  | 10.6  | 16.0   |

Manual Integrations  
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#77

Pyrene

Concen: 31.459 ng

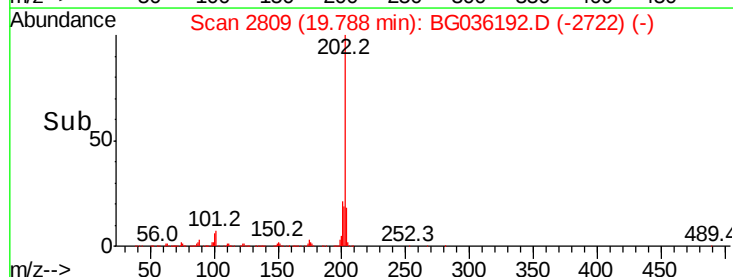
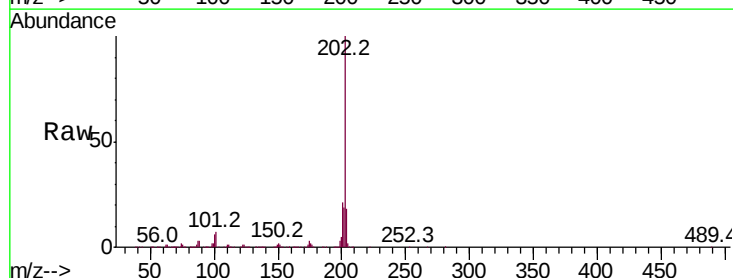
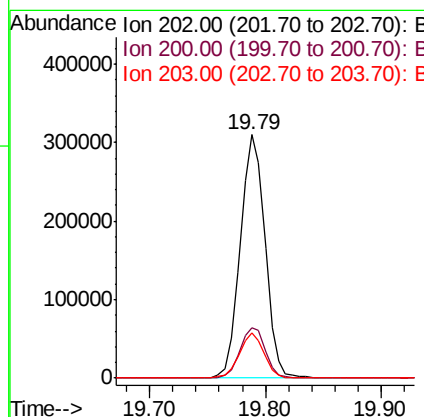
RT: 19.79 min Scan# 2809

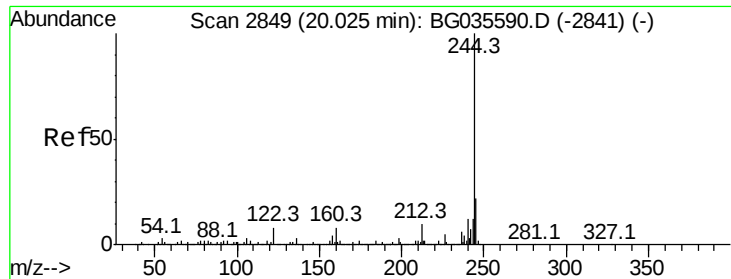
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 460056 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 16.9  | 25.3   |
| 203       | 18.3  | 13.9  | 20.9   |





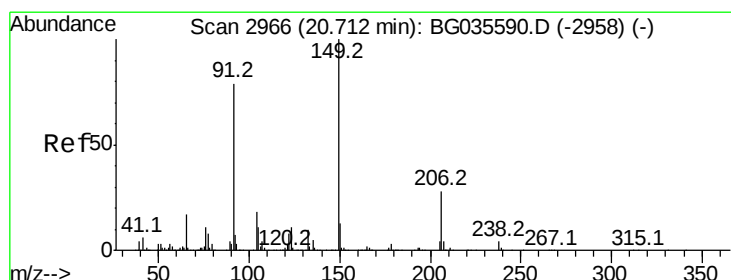
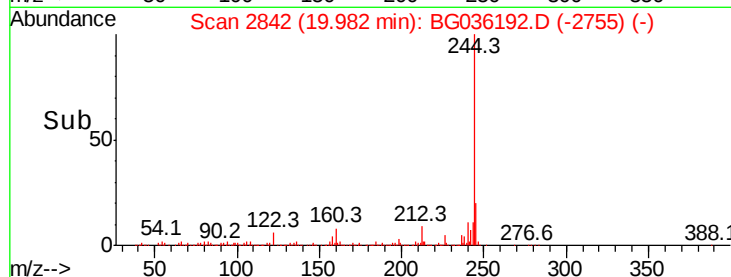
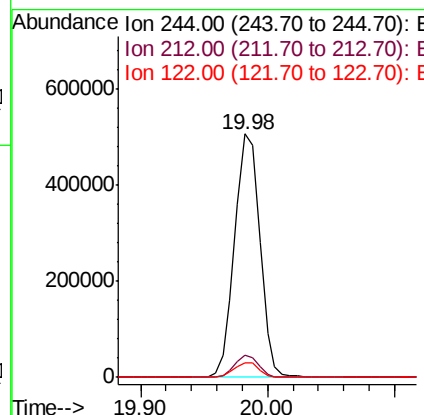
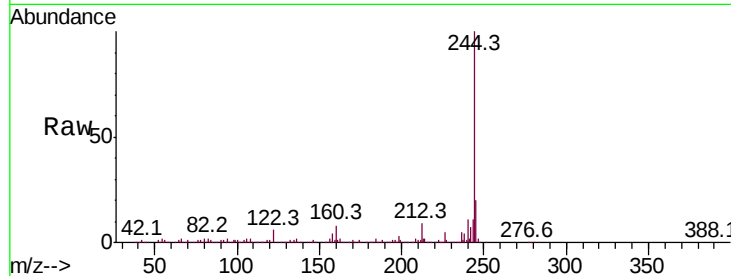
#78  
 Terphenyl-d14  
 Concen: 66.674 ng  
 RT: 19.98 min Scan# 2842  
 Delta R.T. -0.02 min  
 Lab File: BG036192.D  
 Acq: 8 Aug 2018 11:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 9.0   | 5.8        | 8.8#  |
| 122     | 6.1   | 7.0        | 10.4# |

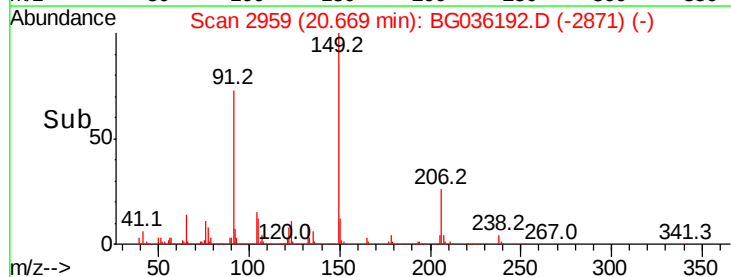
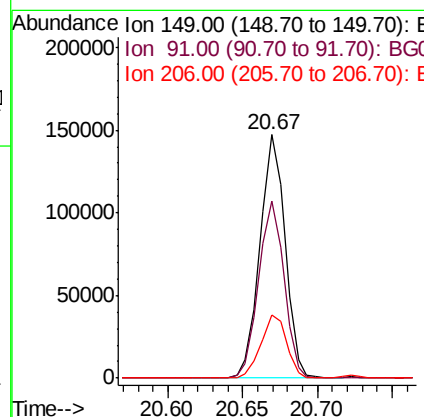
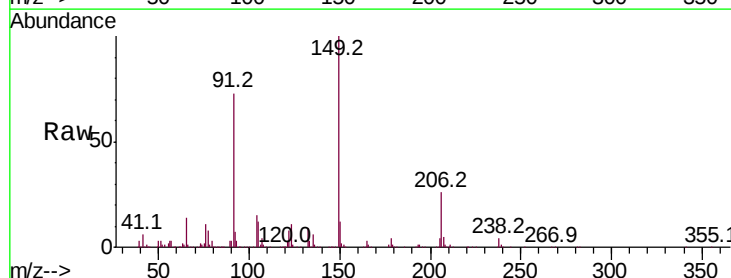
Manual Integrations  
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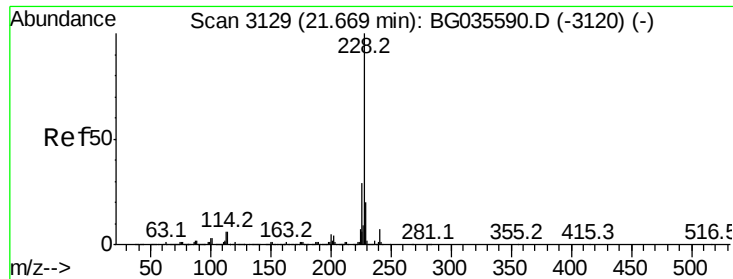
Sohil  
 8/8/2018 5:55:15 PM



#79  
 Butylbenzylphthalate  
 Concen: 32.724 ng  
 RT: 20.67 min Scan# 2959  
 Delta R.T. -0.01 min  
 Lab File: BG036192.D  
 Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 73.0  | 62.2       | 93.2  |
| 206     | 25.7  | 18.6       | 27.8  |





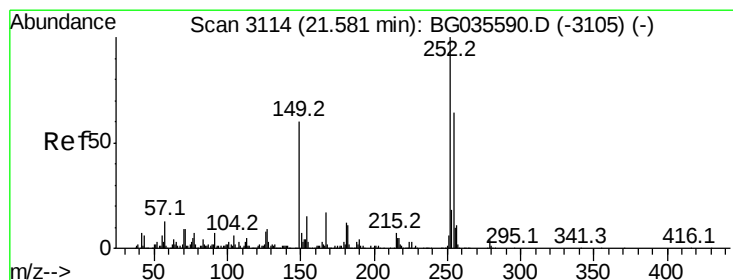
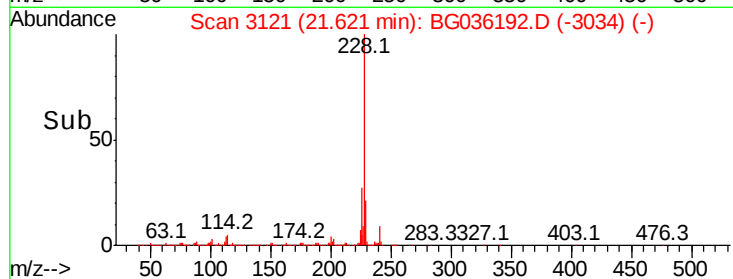
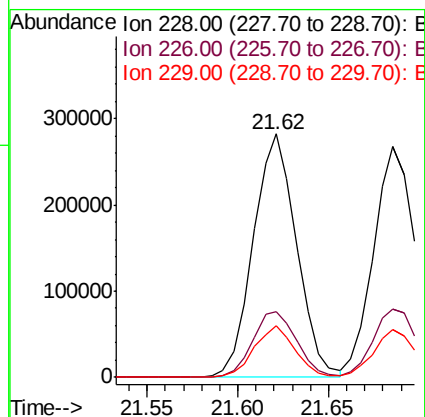
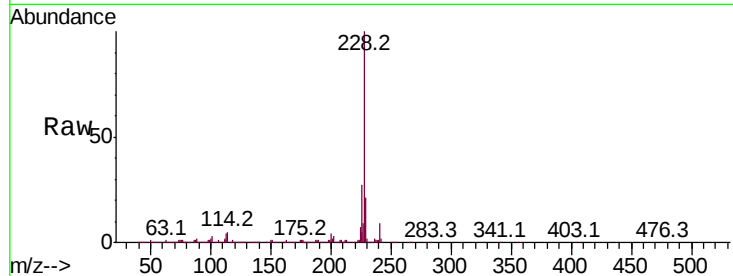
#80  
Benzo(a)anthracene  
Concen: 32.437 ng  
RT: 21.62 min Scan# 3121  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.7  | 34.1  |
| 229     | 21.0  | 16.2  | 24.2  |

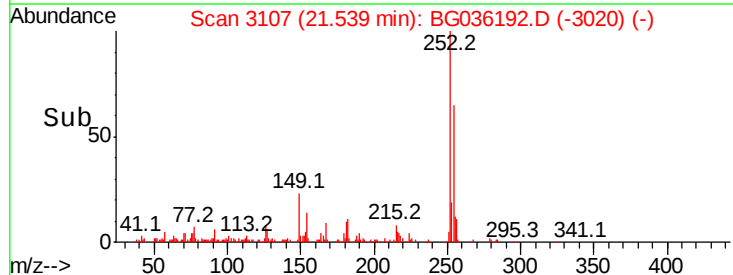
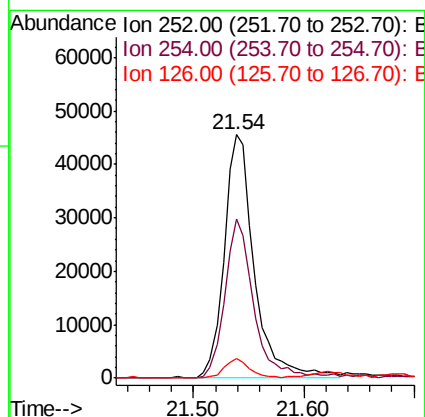
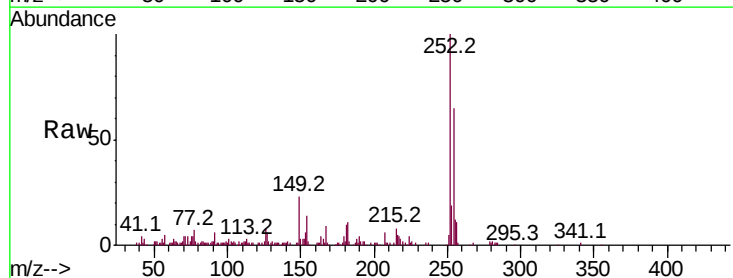
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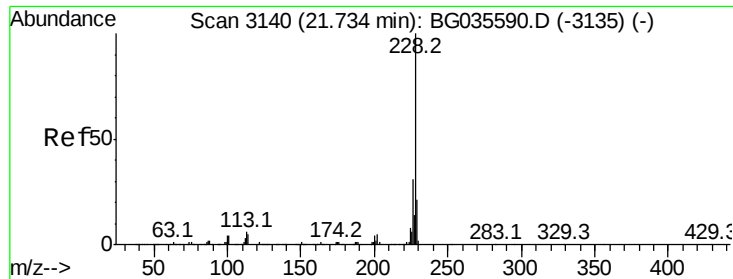
Sohil  
8/8/2018 5:55:15 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 17.246 ng  
RT: 21.54 min Scan# 3107  
Delta R.T. -0.02 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 50.8  | 76.2  |
| 126     | 7.9   | 7.4   | 11.2  |





#82

Chrysene

Concen: 32.428 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

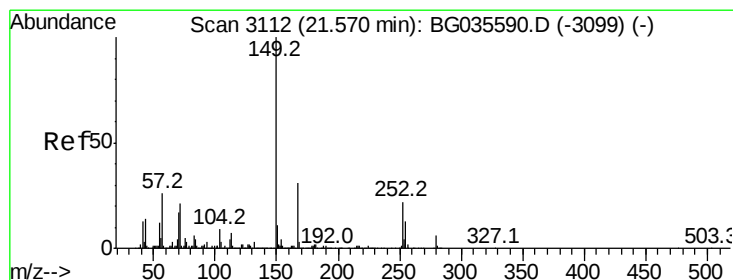
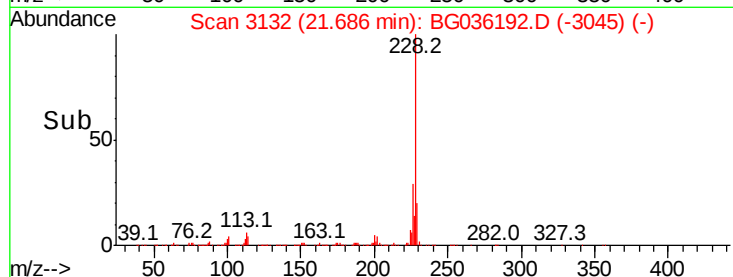
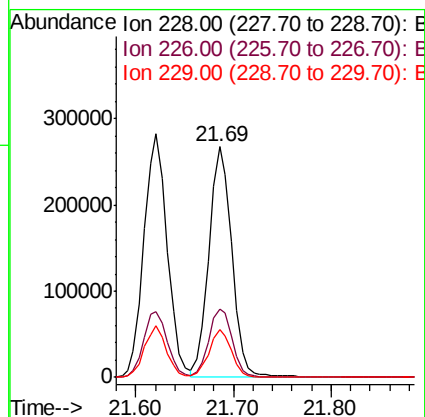
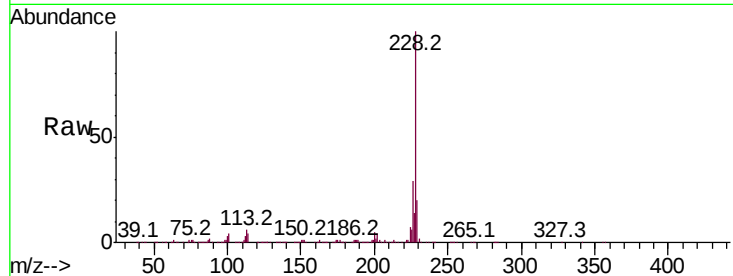
ClientSampled :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 433097 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.4  | 24.9  | 37.3   |
| 229       | 20.5  | 15.0  | 22.4   |

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8/8/2018 5:55:15 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.671 ng

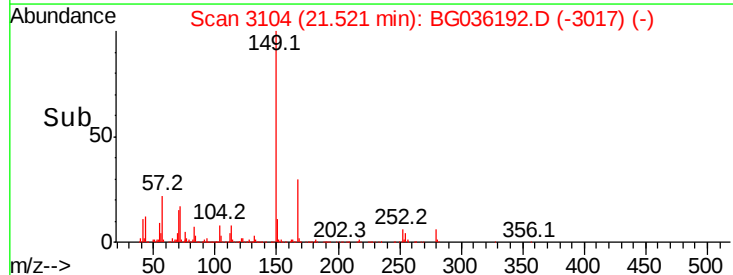
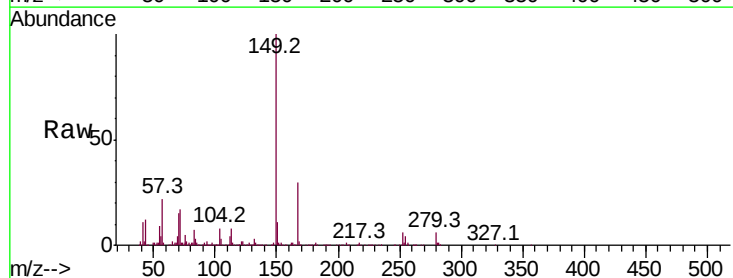
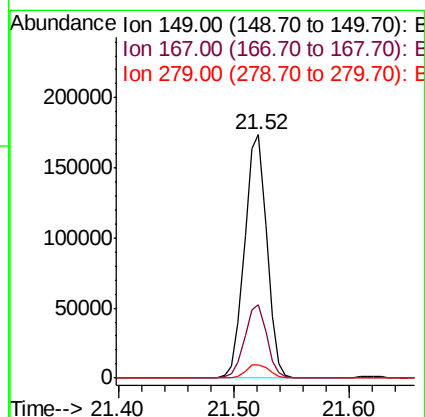
RT: 21.52 min Scan# 3104

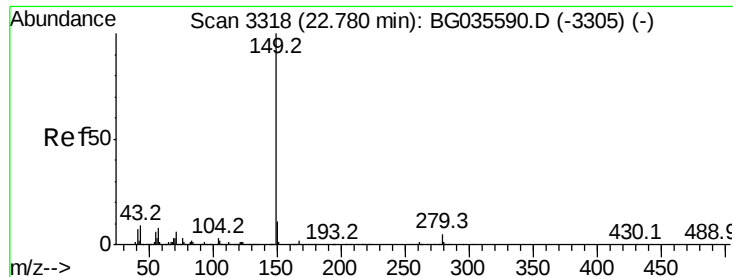
Delta R.T. -0.02 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 232278 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.3  | 24.3  | 36.5   |
| 279       | 5.7   | 4.0   | 6.0    |





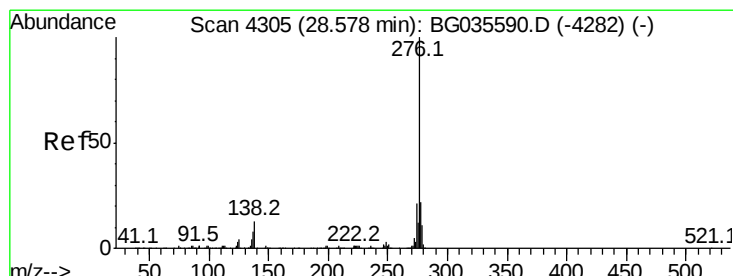
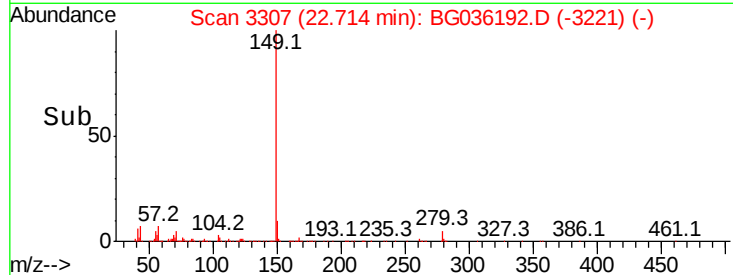
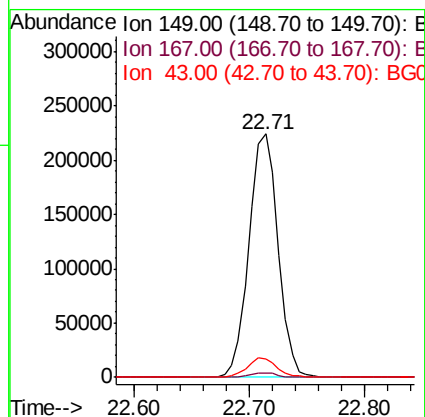
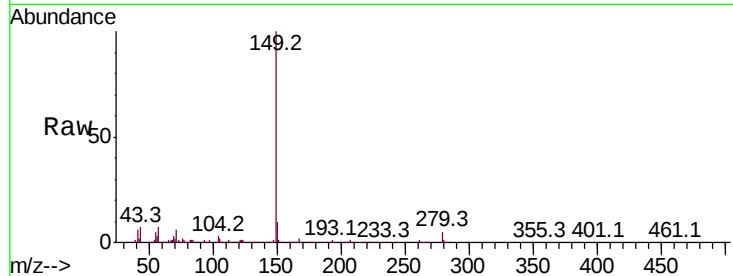
#84  
Di-n-octyl phthalate  
Concen: 32.926 ng  
RT: 22.71 min Scan# 3307  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.9   | 1.4  | 2.0   |       |
| 43      | 7.8   | 8.9  | 13.3  |       |

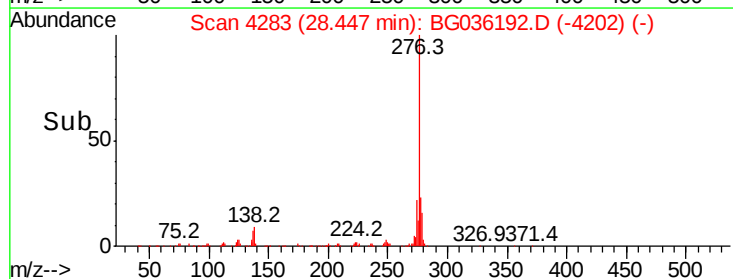
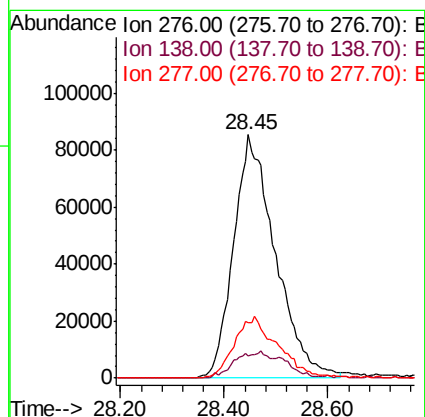
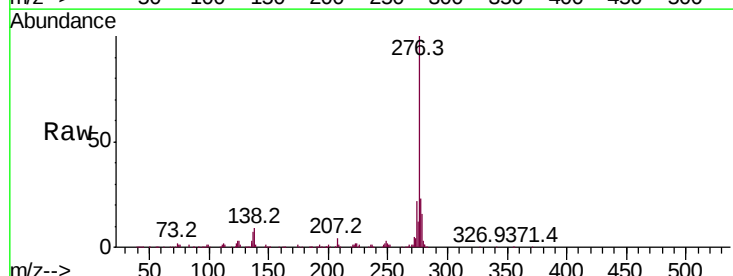
Manual Integrations  
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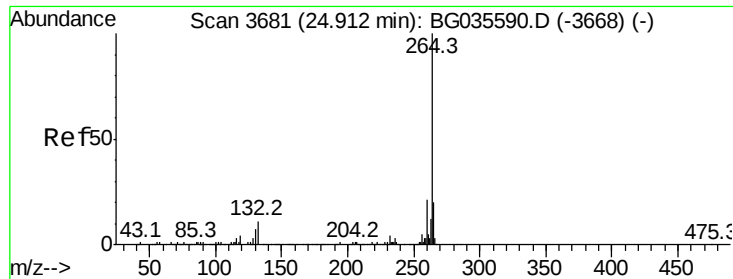
Sohil  
8/8/2018 5:55:15 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 32.352 ng  
RT: 28.45 min Scan# 4283  
Delta R.T. -0.06 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 4.4   | 16.0 | 24.0  |       |
| 277     | 26.5  | 20.0 | 30.0  |       |





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

Instrument :

BNA\_G

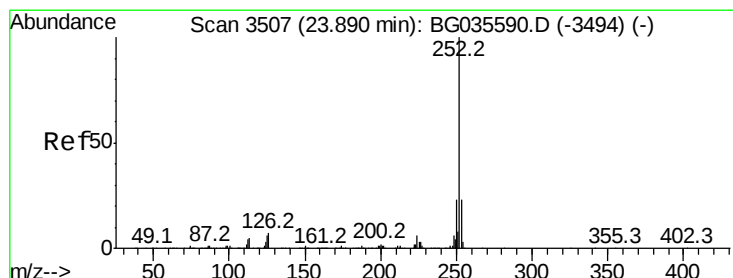
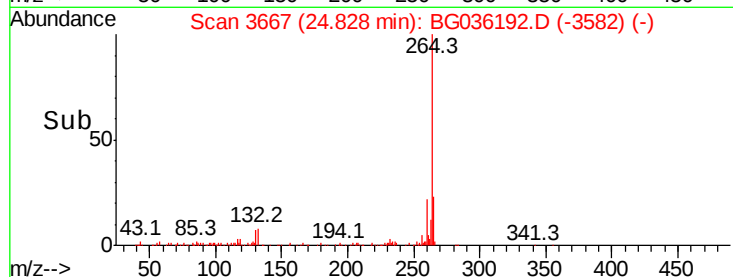
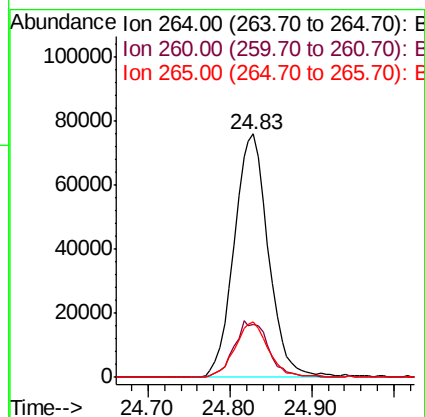
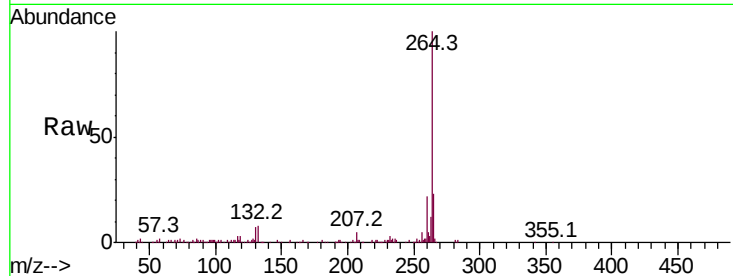
ClientSampleId :

TP-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 220575 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 21.9  | 17.4  | 26.0   |
| 265       | 22.5  | 17.7  | 26.5   |

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#87

Benzo(b)fluoranthene

Concen: 32.486 ng

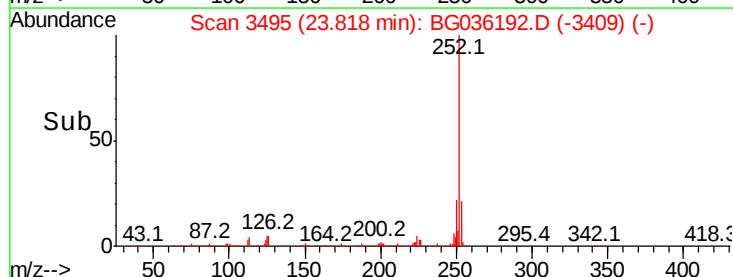
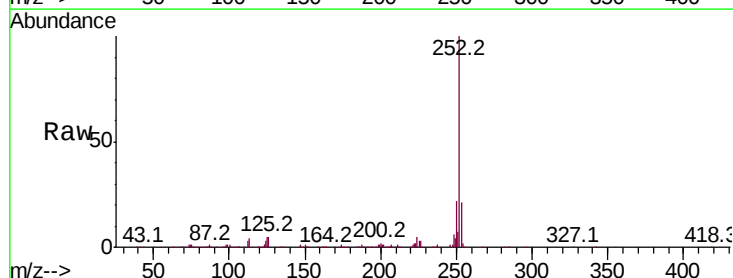
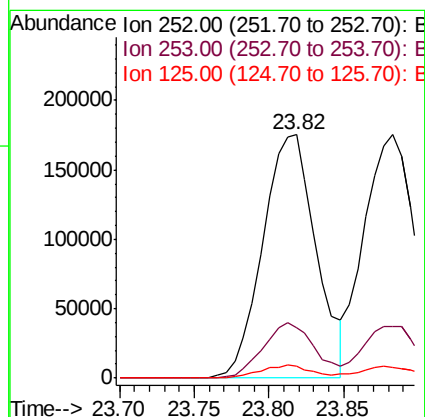
RT: 23.82 min Scan# 3495

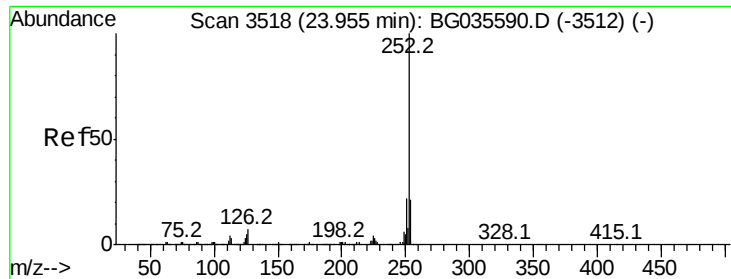
Delta R.T. -0.03 min

Lab File: BG036192.D

Acq: 8 Aug 2018 11:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 435518 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.6  | 18.2  | 27.4   |
| 125       | 5.1   | 7.2   | 10.8#  |





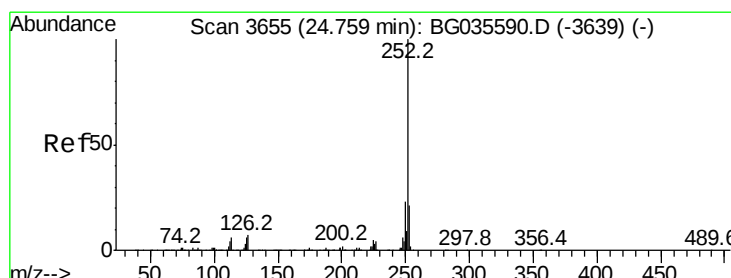
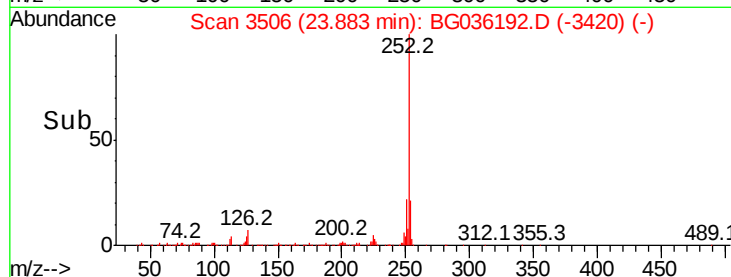
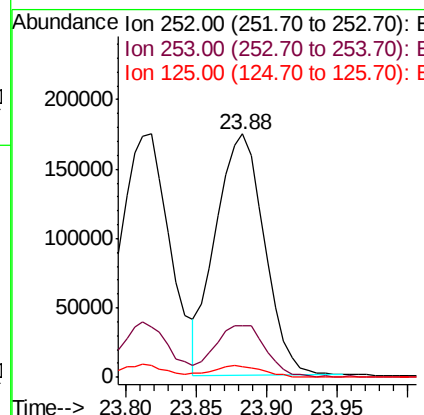
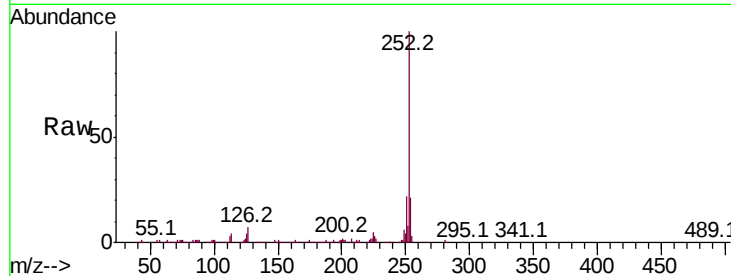
#88  
Benzo(k)fluoranthene  
Concen: 32.040 ng  
RT: 23.88 min Scan# 3506  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.4  | 26.2  |
| 125     | 4.5   | 6.6   | 9.8   |

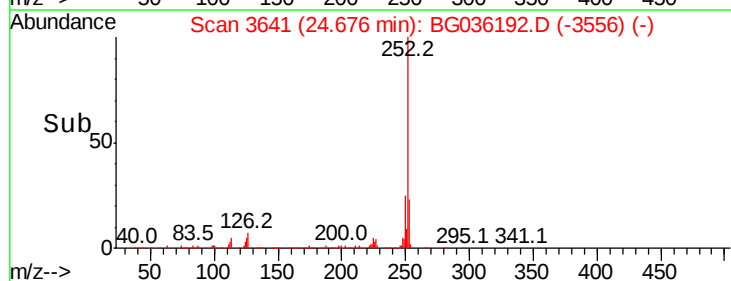
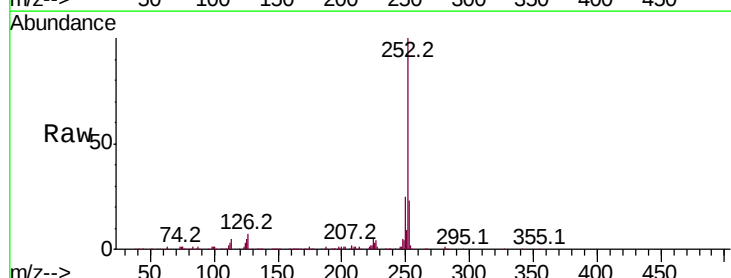
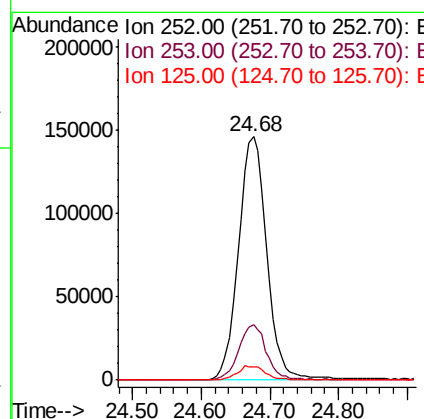
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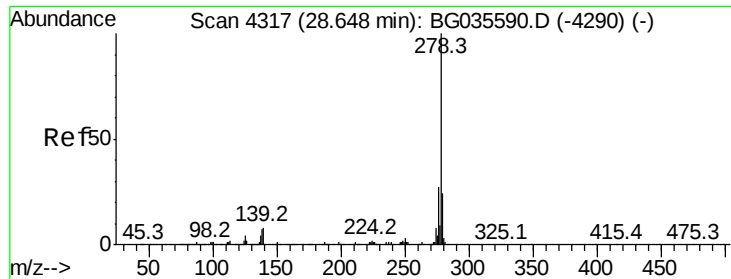
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#89  
Benzo(a)pyrene  
Concen: 33.590 ng  
RT: 24.68 min Scan# 3641  
Delta R.T. -0.03 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.3  | 27.5  |
| 125     | 5.5   | 7.3   | 10.9  |





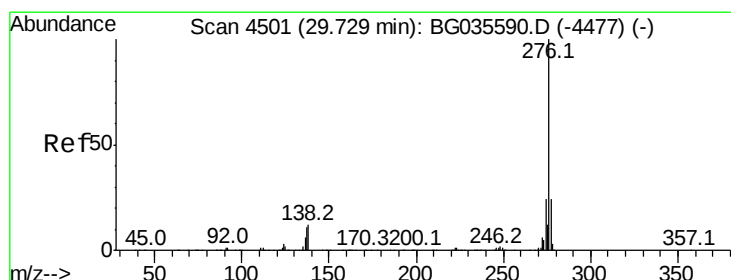
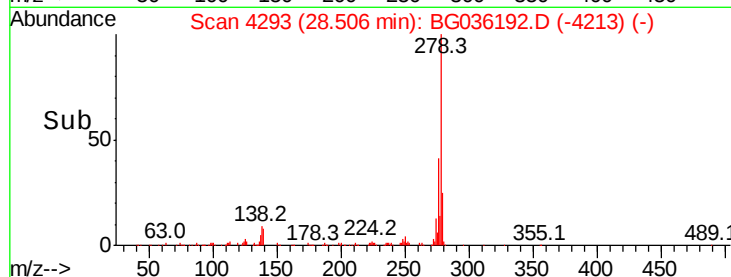
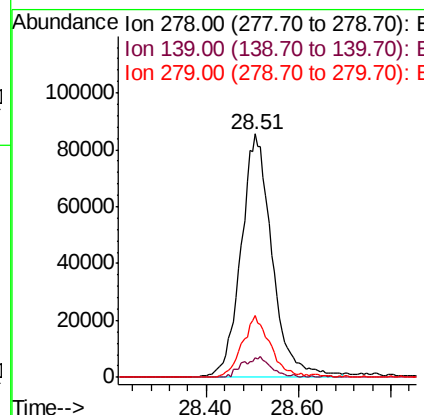
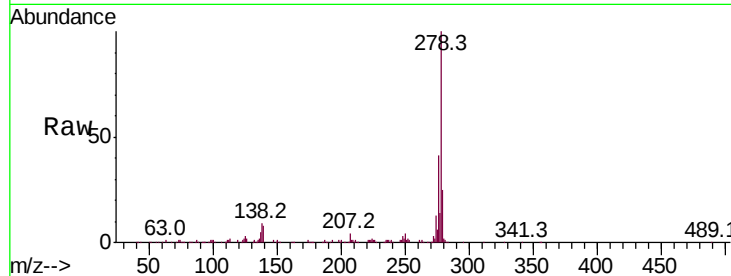
#90  
Dibenzo(a,h)anthracene  
Concen: 32.788 ng  
RT: 28.51 min Scan# 4293  
Delta R.T. -0.06 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

Instrument :  
BNA\_G  
ClientSampled :  
TP-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.2   | 9.8   | 14.6# |
| 279     | 25.4  | 18.4  | 27.6  |

Manual Integrations  
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#91  
Benzo(g,h,i)perylene  
Concen: 34.031 ng  
RT: 29.59 min Scan# 4477  
Delta R.T. -0.05 min  
Lab File: BG036192.D  
Acq: 8 Aug 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.3  | 27.5  |
| 138     | 11.0  | 13.9  | 20.9# |

