

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\  
 Data File : BG035882.D  
 Acq On : 25 Jul 2018 20:26  
 Operator : JU/SJ  
 Sample : J4124-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 4:59:39 PM

Quant Time: Jul 26 02:23:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 34276    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 143092   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.65 | 164  | 110296   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 302066   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 315002   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.86 | 264  | 308675   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 299421  | 145.03 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 454383  | 147.51 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 295185  | 86.18  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 226303  | 155.67 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.28 | 172 | 682759  | 82.93  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.00 | 244 | 1227201 | 85.88  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 30651  | 29.170  | ng | # 73   |
| 3) Pyridine                    | 3.91  | 79  | 84921  | 30.957  | ng | # 74   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 40649  | 34.511  | ng | # 71   |
| 6) Aniline                     | 7.35  | 93  | 121747 | 30.494  | ng | 95     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 108636 | 51.738  | ng | 97     |
| 9) Benzaldehyde                | 7.17  | 77  | 78957  | 41.777  | ng | 94     |
| 10) Phenol                     | 7.23  | 94  | 162463 | 52.206  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 104702 | 42.961  | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 111679 | 44.044  | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 112632 | 43.718  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 110880 | 44.800  | ng | 96     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 122555 | 43.814  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 121162 | 59.300  | ng | 78     |
| 17) 2-Methylphenol             | 8.47  | 107 | 107931 | 51.011  | ng | # 90   |
| 18) Hexachloroethane           | 9.11  | 117 | 41457  | 42.086  | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 103891 | 40.053  | ng | # 80   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 152679 | 52.016  | ng | 94     |
| 22) Acetophenone               | 8.85  | 105 | 190619 | 42.838  | ng | 94     |
| 24) Nitrobenzene               | 9.23  | 77  | 154710 | 44.911  | ng | # 92   |
| 25) Isophorone                 | 9.75  | 82  | 312874 | 49.205  | ng | 99     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 67270  | 54.985  | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 119678 | 57.789  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 159764 | 45.598  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 130853 | 55.352  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 136881 | 47.220  | ng | 95     |
| 31) Naphthalene                | 10.88 | 128 | 347676 | 46.644  | ng | 96     |
| 32) Benzoic acid               | 10.15 | 122 | 45717m | 32.792  | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 57330  | 17.647  | ng | 98     |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 102157 | 45.194  | ng | 95     |
| 35) Caprolactam                | 11.77 | 113 | 49926m | 49.213  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 165353 | 52.183  | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 276711 | 49.829  | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 189103 | 45.425  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.82 | 237 | 223692 | 102.459 | ng | 93     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\  
 Data File : BG035882.D  
 Acq On : 25 Jul 2018 20:26  
 Operator : JU/SJ  
 Sample : J4124-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 TP-11-DMSD

Manual Integrations  
 APPROVED

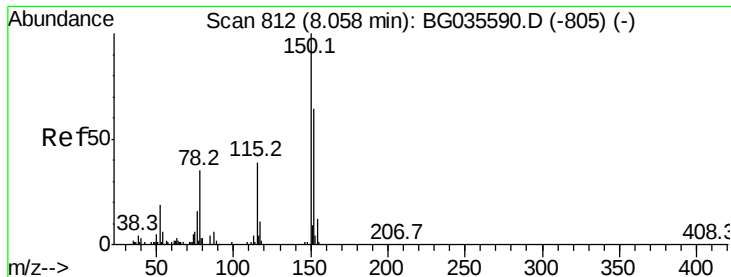
Sohil  
 7/26/2018 4:59:39 PM

Quant Time: Jul 26 02:23:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 130596   | 53.644  | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 142174   | 52.203  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 390718   | 45.692  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 308026   | 46.309  | nq    | 98       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 108303   | 46.057  | nq    | 88       |
| 48) Acenaphthylene             | 14.37 | 152  | 523399   | 46.975  | nq    | 97       |
| 49) Dimethylphthalate          | 14.10 | 163  | 510013   | 52.777  | nq #  | 98       |
| 50) 2,6-Dinitrotoluene         | 14.23 | 165  | 102309   | 51.990  | nq    | 91       |
| 51) Acenaphthene               | 14.72 | 154  | 305342   | 43.993  | nq    | 97       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 55213    | 27.451  | nq #  | 96       |
| 53) 2,4-Dinitrophenol          | 14.77 | 184  | 109026   | 105.456 | nq #  | 61       |
| 54) Dibenzofuran               | 15.05 | 168  | 519475   | 47.061  | nq    | 95       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 148786   | 103.874 | nq #  | 85       |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 150035   | 53.144  | nq #  | 89       |
| 57) Fluorene                   | 15.70 | 166  | 431433   | 46.633  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 145313   | 55.649  | nq    | 93       |
| 59) Diethylphthalate           | 15.47 | 149  | 446278   | 44.912  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 249532   | 45.889  | nq    | 98       |
| 61) 4-Nitroaniline             | 15.73 | 138  | 99448    | 47.268  | nq #  | 85       |
| 62) Azobenzene                 | 15.98 | 77   | 439100   | 44.800  | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 87882    | 52.264  | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 389478   | 45.299  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 171904   | 49.053  | nq    | 96       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 175473   | 48.622  | nq    | 95       |
| 68) Atrazine                   | 16.85 | 200  | 178696   | 50.479  | nq    | 92       |
| 69) Pentachlorophenol          | 17.05 | 266  | 174079   | 79.192  | nq    | 98       |
| 70) Phenanthrene               | 17.44 | 178  | 705869   | 46.831  | nq    | 98       |
| 71) Anthracene                 | 17.53 | 178  | 707969   | 47.172  | nq    | 97       |
| 72) Carbazole                  | 17.80 | 167  | 648517   | 45.500  | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.35 | 149  | 735157   | 43.647  | nq #  | 98       |
| 74) Fluoranthene               | 19.44 | 202  | 909739   | 44.809  | nq    | 97       |
| 76) Benzidine                  | 19.63 | 184  | 205445   | 24.808  | nq    | 98       |
| 77) Pyrene                     | 19.81 | 202  | 903101   | 45.341  | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.68 | 149  | 343951   | 48.289  | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.64 | 228  | 899793   | 45.837  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 188645   | 27.561  | nq #  | 98       |
| 82) Chrysene                   | 21.71 | 228  | 834354   | 45.867  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 465833   | 48.106  | nq #  | 96       |
| 84) Di-n-octyl phthalate       | 22.74 | 149  | 794192   | 48.983  | nq #  | 92       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 968042   | 48.067  | nq #  | 87       |
| 87) Benzo(b)fluoranthene       | 23.84 | 252  | 884096   | 47.124  | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 828322   | 45.161  | nq #  | 98       |
| 89) Benzo(a)pyrene             | 24.71 | 252  | 832396   | 47.691  | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 28.56 | 278  | 807729   | 47.138  | nq #  | 96       |
| 91) Benzo(g,h,i)perylene       | 29.65 | 276  | 801989   | 47.829  | nq #  | 95       |

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





#1

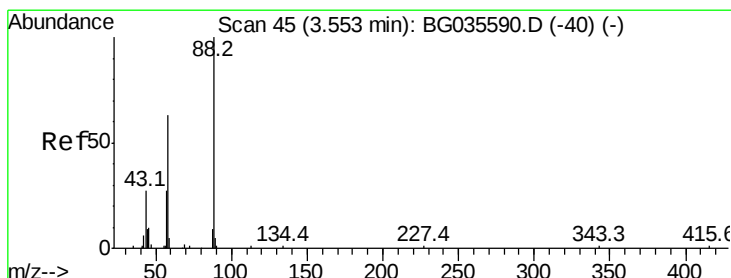
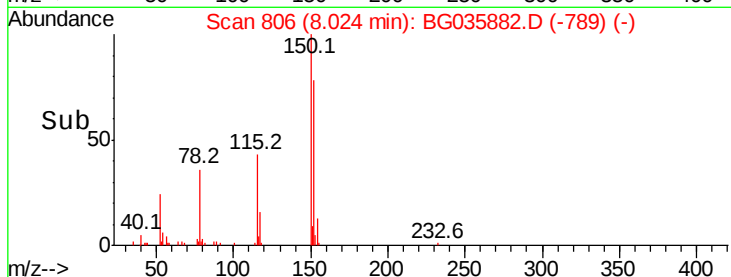
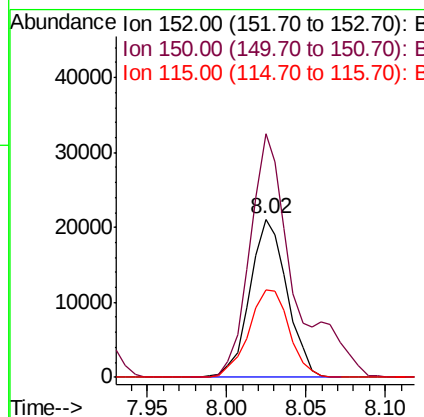
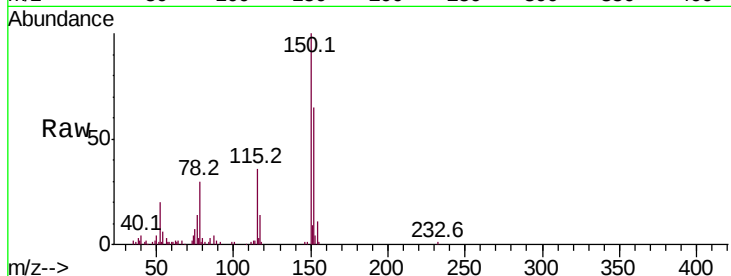
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 126.6 | 189.8 |
| 115     | 55.8  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

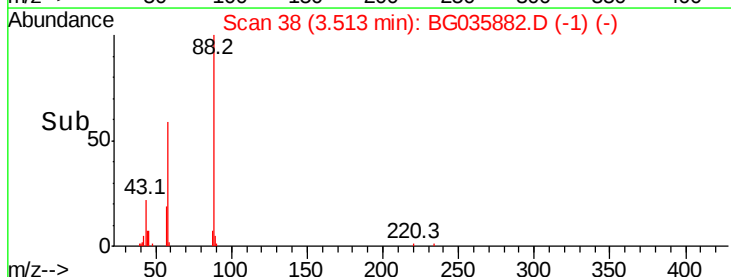
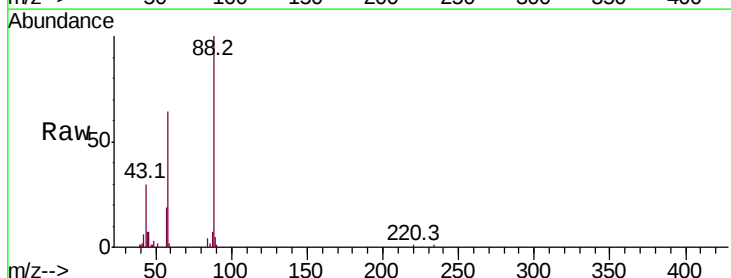
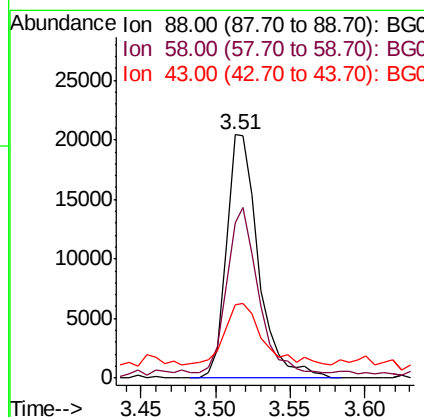
Sohil  
7/26/2018 4:59:39 PM

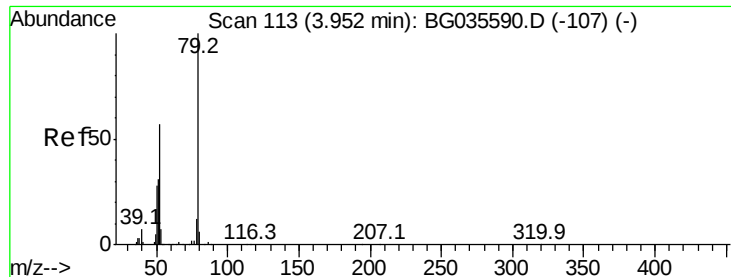


#2

1,4-Dioxane  
Concen: 29.170 ng  
RT: 3.51 min Scan# 38  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 66.0  | 79.6  | 119.4# |
| 43      | 28.7  | 27.4  | 41.0   |





#3

Pvridine

Concen: 30.957 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

ClientSampleId :

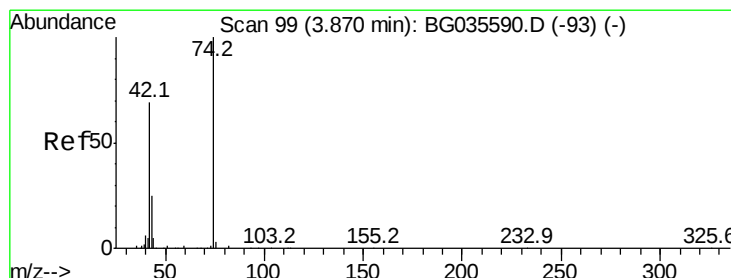
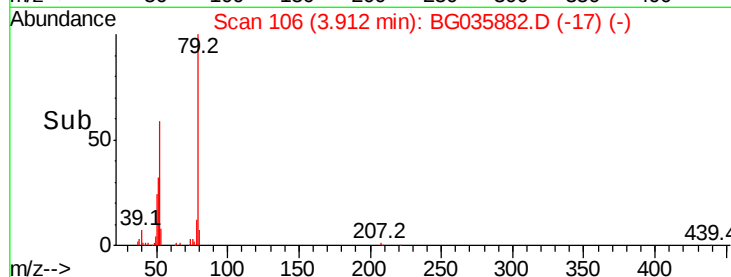
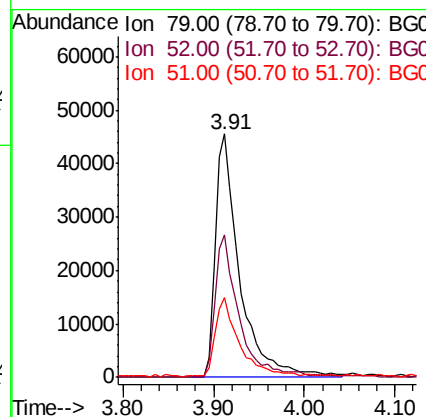
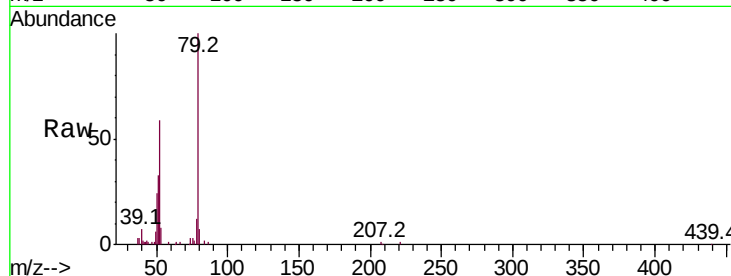
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 58.7  | 69.9  | 104.9# |
| 51      | 32.9  | 34.0  | 51.0#  |

Manual Integrations  
APPROVED

Sohil

7/26/2018 4:59:39 PM



#4

n-Nitrosodimethylamine

Concen: 34.511 ng

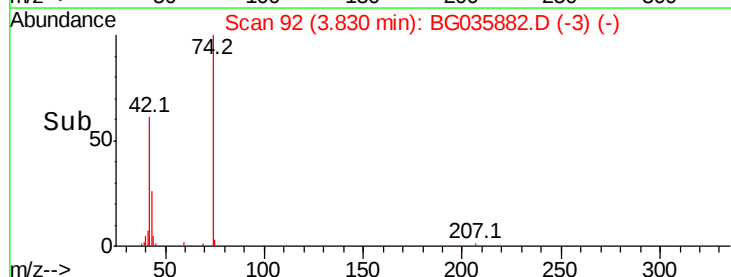
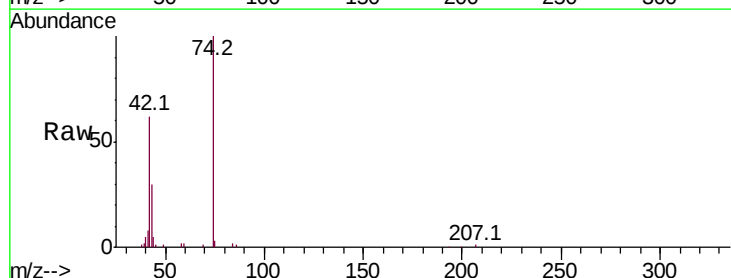
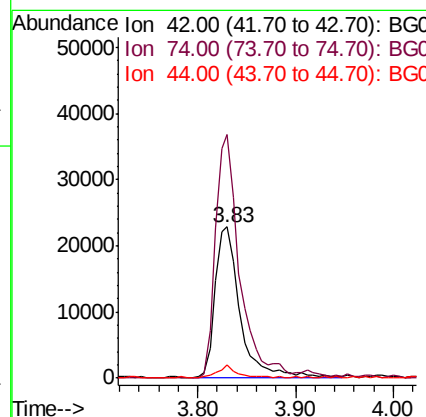
RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 160.8 | 102.5 | 153.7# |
| 44      | 8.7   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 145.031 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

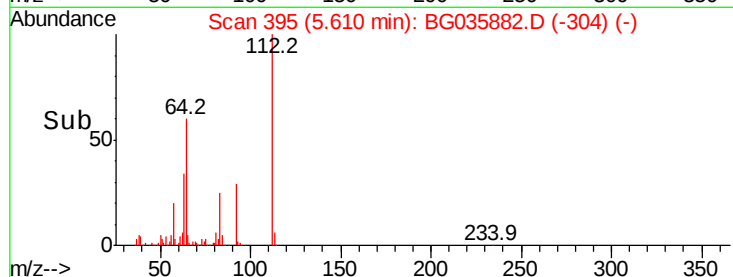
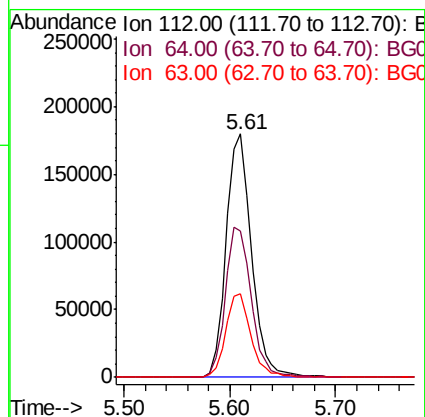
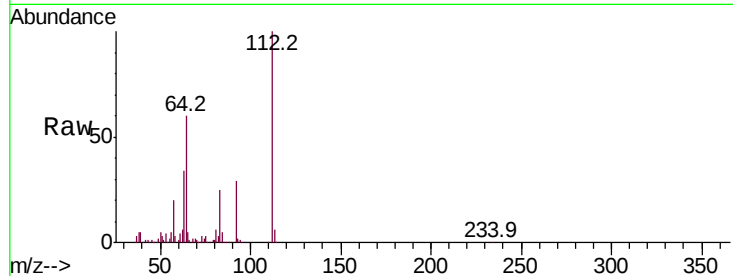
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 299421 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.9  | 56.3  | 84.5   |
| 63        | 34.3  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#6

Aniline

Concen: 30.494 ng

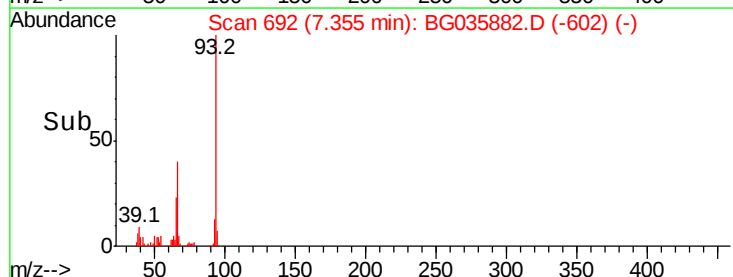
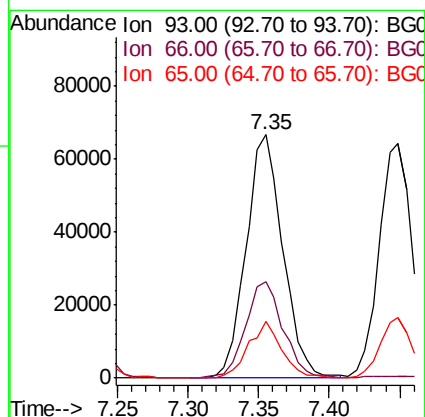
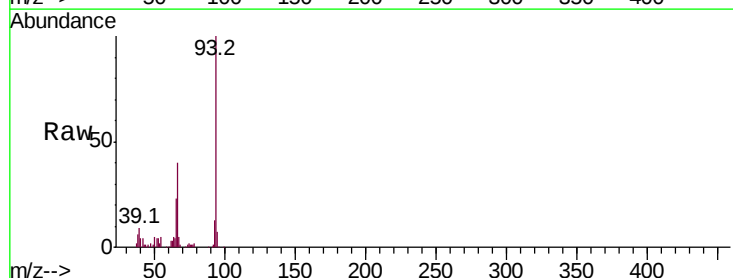
RT: 7.35 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 121747 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.7  | 33.7  | 50.5   |
| 65        | 23.1  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 147.515 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

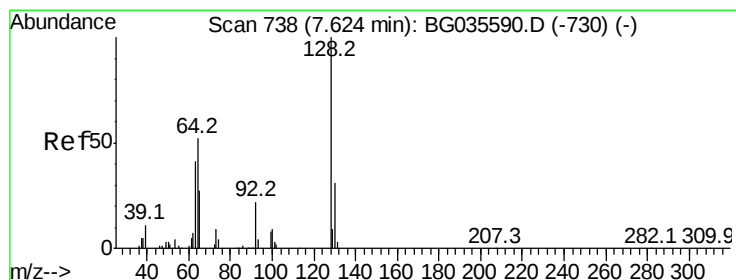
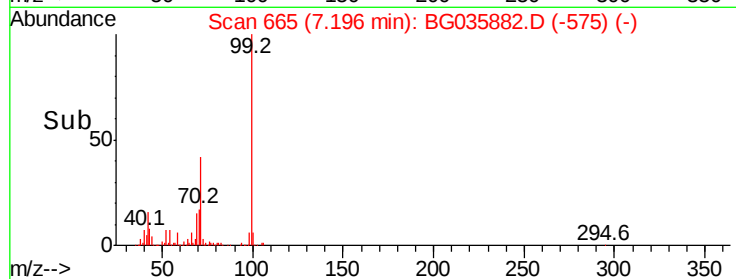
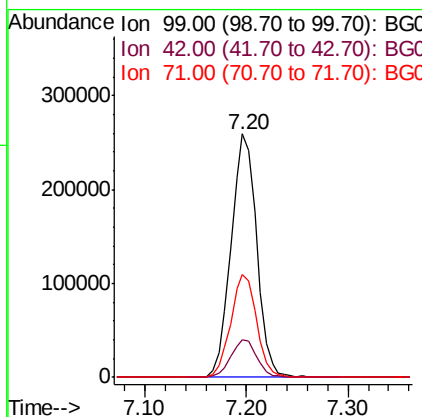
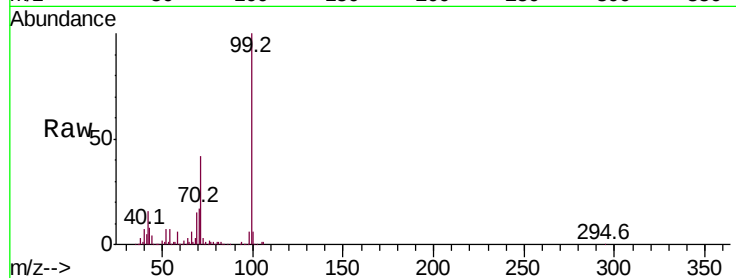
ClientSampleId :

TP-11-DMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 99      | 100   |            |       |
| 42      | 15.5  | 14.1       | 21.1  |
| 71      | 42.4  | 26.1       | 39.1  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#8

2-Chlorophenol

Concen: 51.738 ng

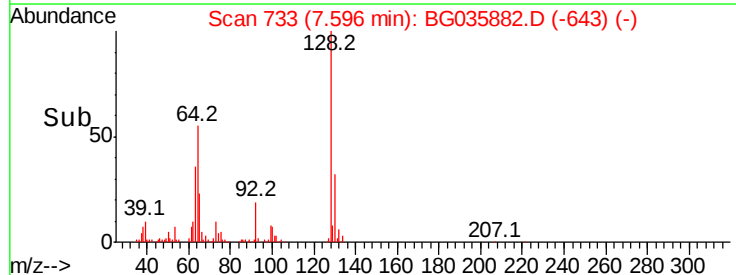
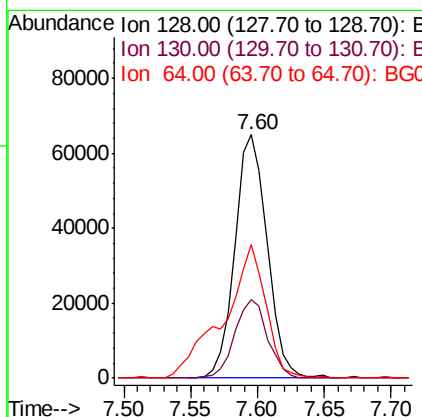
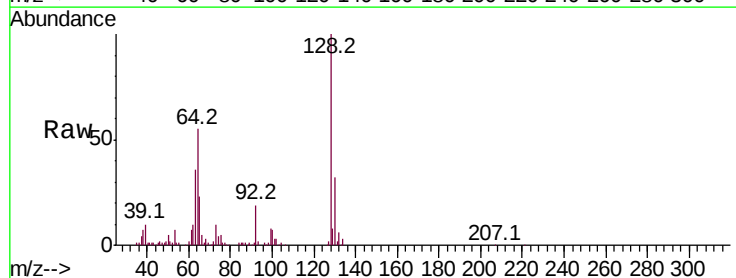
RT: 7.60 min Scan# 733

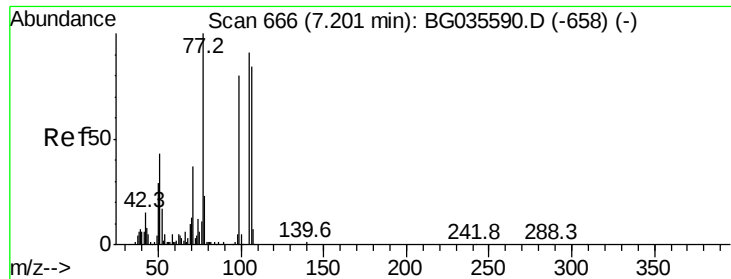
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 130     | 32.4  | 14.0       | 54.0  |
| 64      | 54.8  | 37.7       | 77.7  |





#9

Benzaldehyde

Concen: 41.777 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

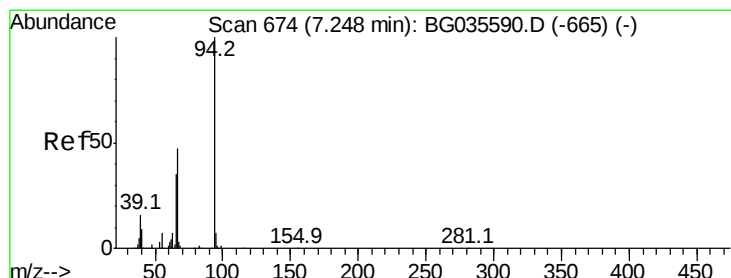
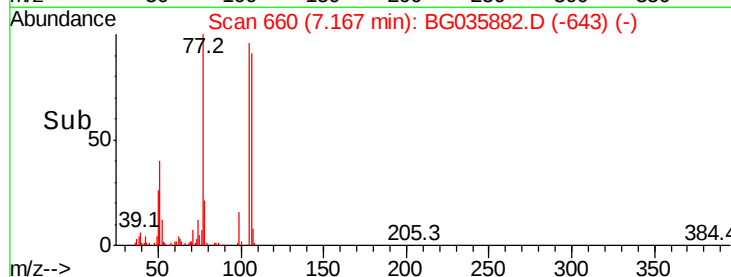
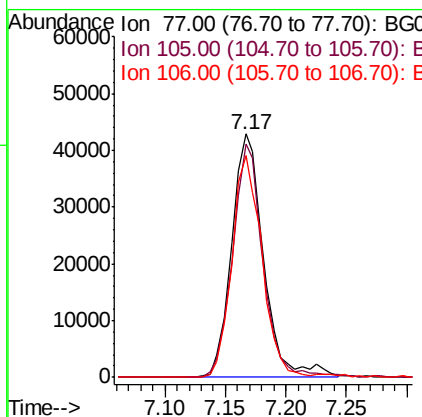
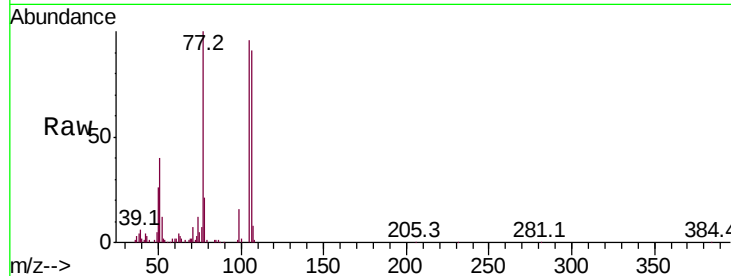
ClientSampleId :

TP-11-DMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 78957 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 96.0  | 71.3  | 111.3 |
| 106      | 91.0  | 64.2  | 104.2 |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#10

Phenol

Concen: 52.206 ng

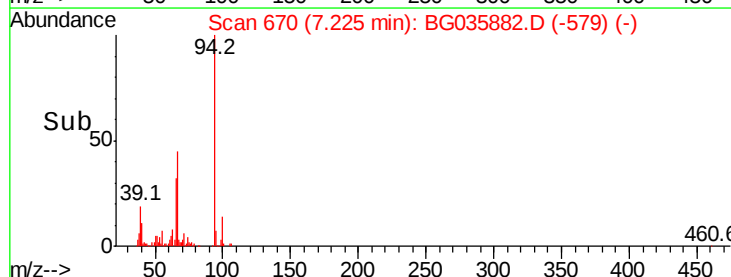
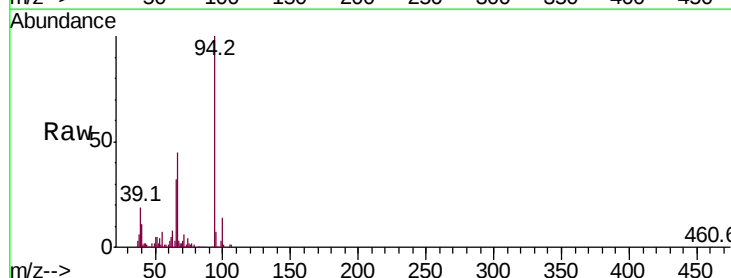
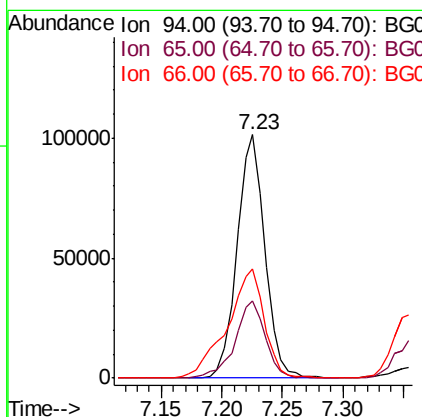
RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 162463 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.8  | 11.9  | 51.9   |
| 66       | 44.7  | 22.2  | 62.2   |





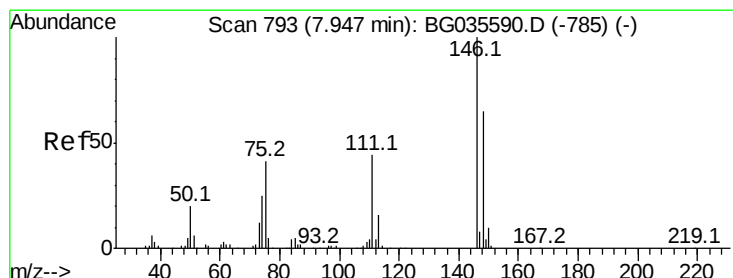
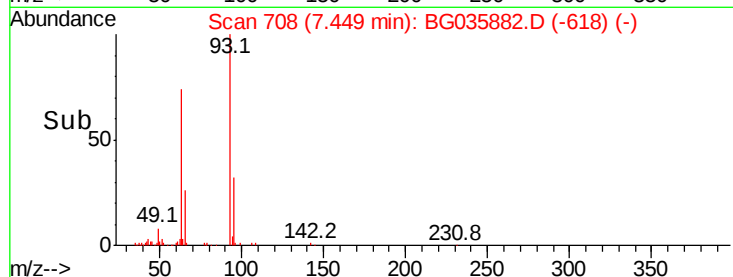
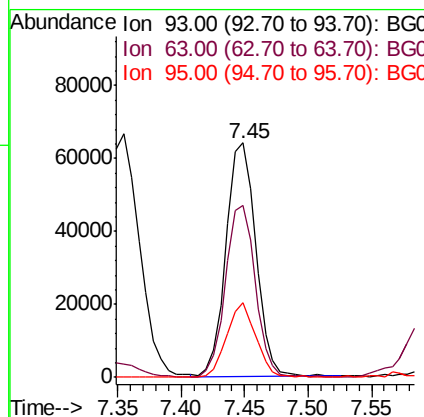
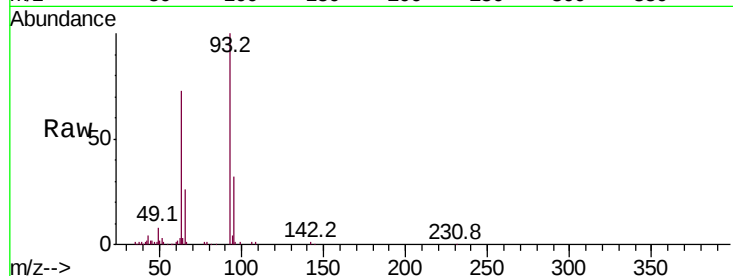
#11  
bis(2-Chloroethyl)ether  
Concen: 42.961 ng  
RT: 7.45 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.4  | 67.1  | 107.1 |
| 95      | 32.1  | 11.5  | 51.5  |

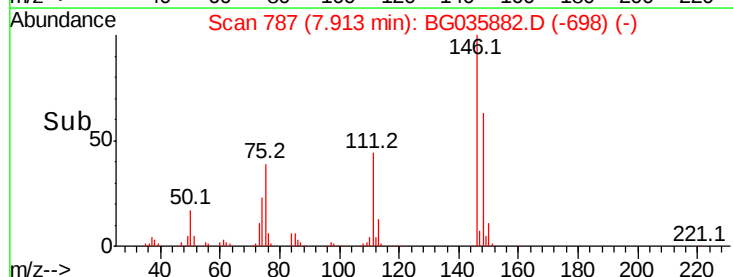
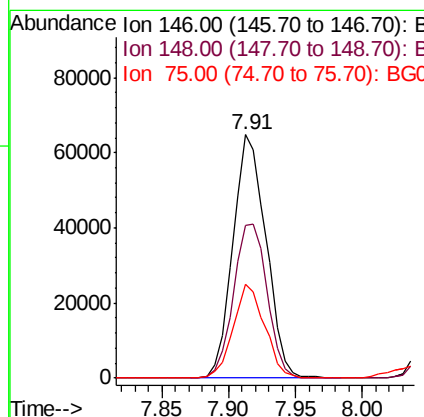
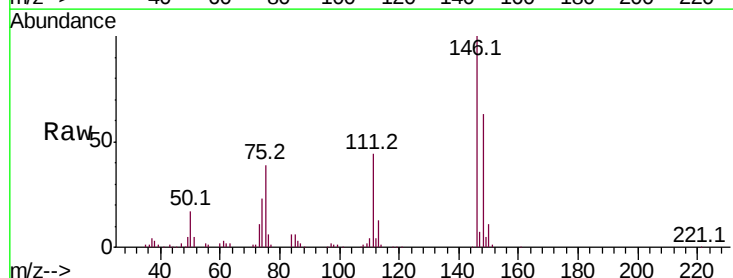
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#12  
1,3-Dichlorobenzene  
Concen: 44.044 ng  
RT: 7.91 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 51.4  | 77.2  |
| 75      | 38.7  | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 43.718 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

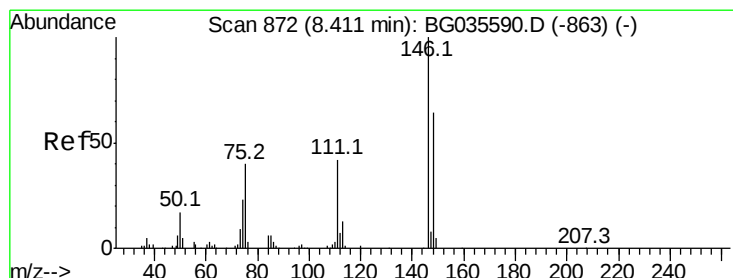
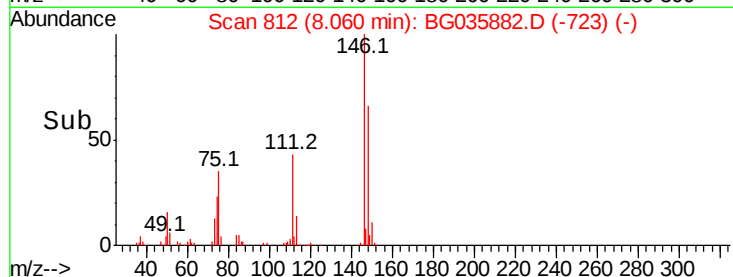
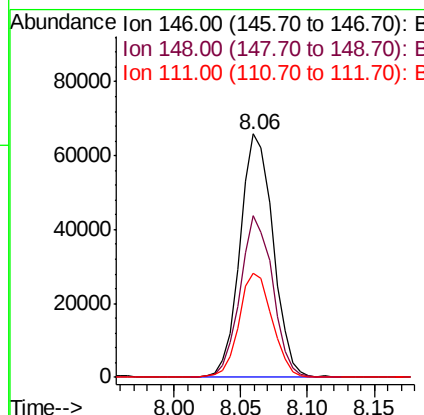
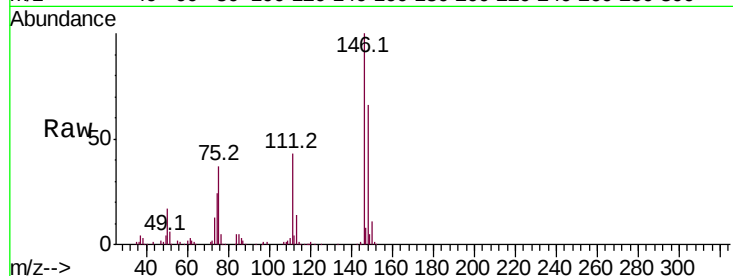
ClientSampled :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 112632 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.3  | 53.7  | 80.5   |
| 111       | 42.9  | 35.2  | 52.8   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#14

1,2-Dichlorobenzene

Concen: 44.800 ng

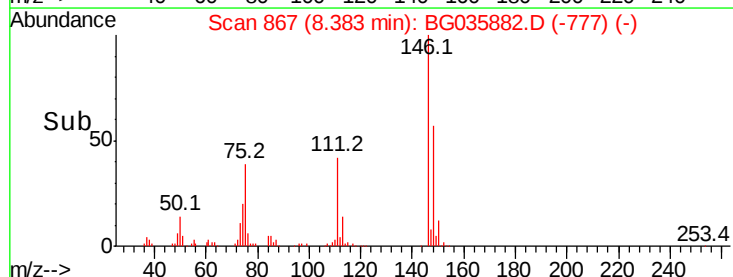
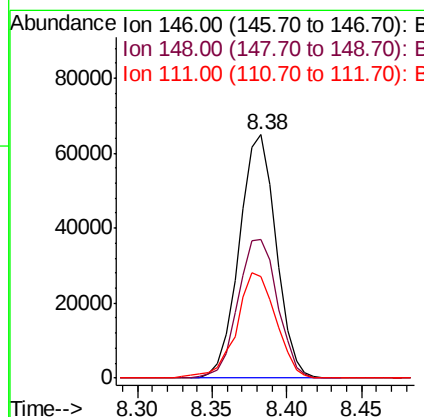
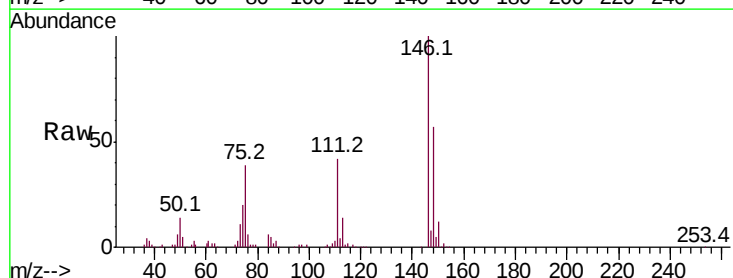
RT: 8.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 110880 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 57.0  | 49.3  | 73.9   |
| 111       | 41.8  | 34.3  | 51.5   |





#15

Benzyl Alcohol

Concen: 43.814 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

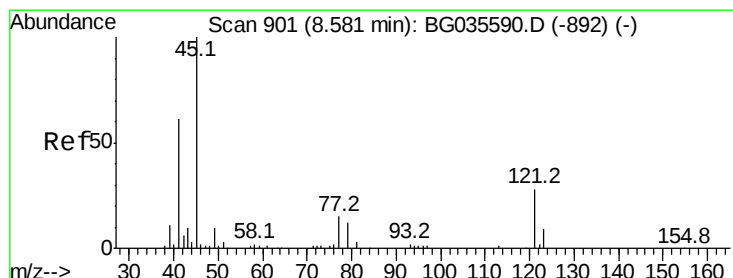
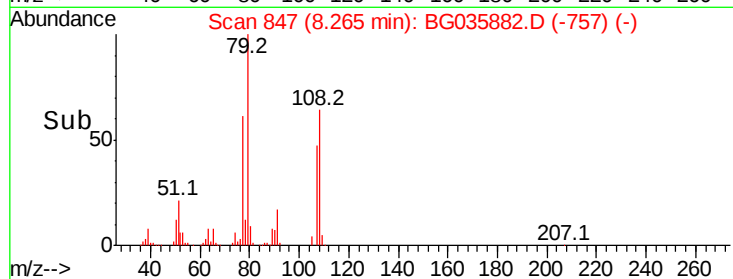
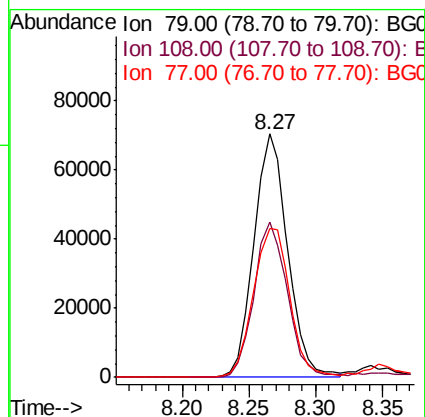
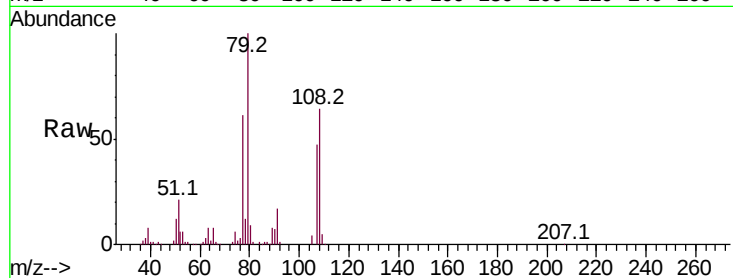
ClientSampled :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 122555 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.8  | 57.2  | 85.8   |
| 77        | 61.3  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.300 ng

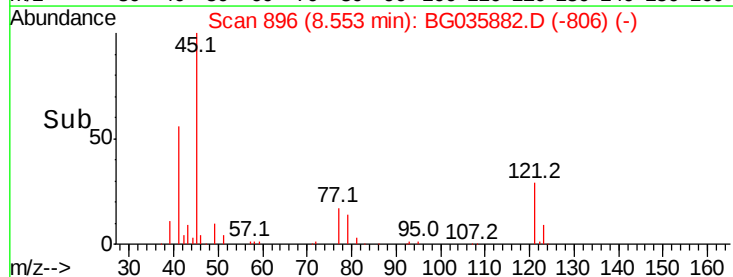
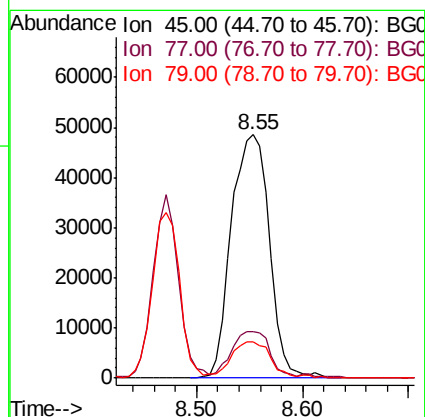
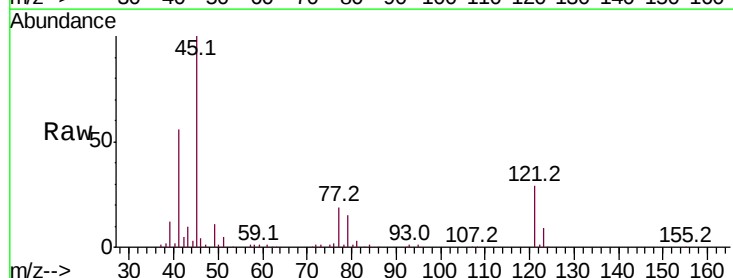
RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 121162 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 19.1  | 0.0   | 30.2   |
| 79        | 15.1  | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 51.011 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

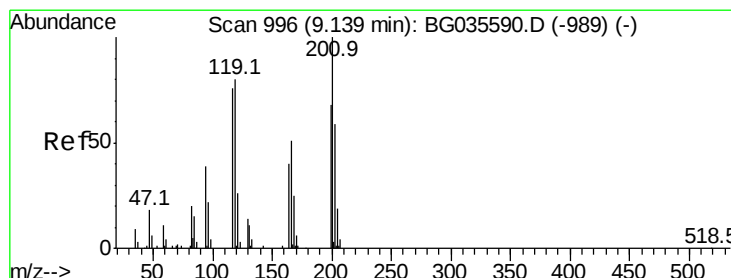
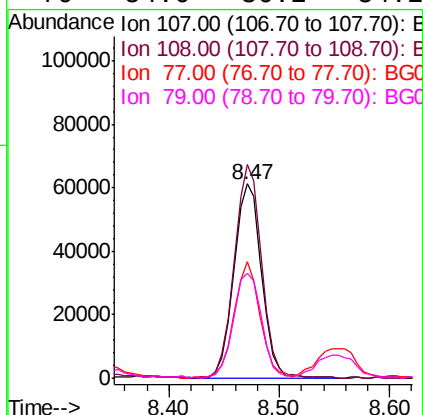
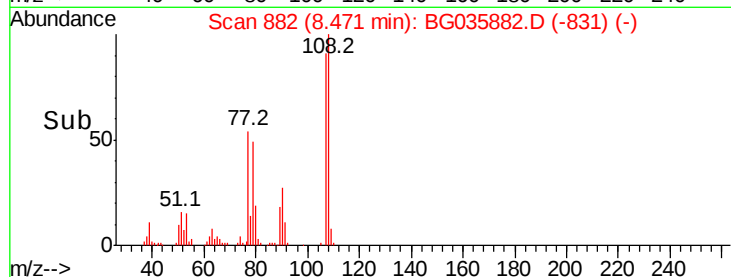
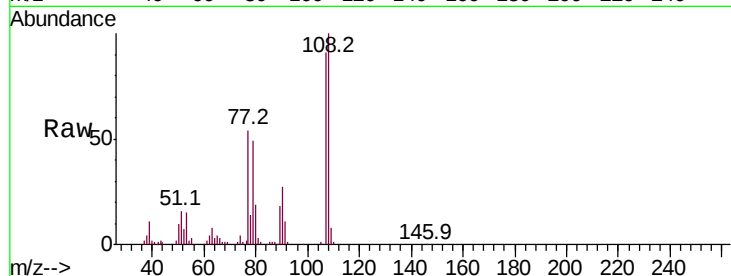
ClientSampleId :

TP-11-DMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.8 | 83.9 | 125.9 |       |
| 77      | 59.7  | 37.2 | 55.8  |       |
| 79      | 54.0  | 36.2 | 54.2  |       |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#18

Hexachloroethane

Concen: 42.086 ng

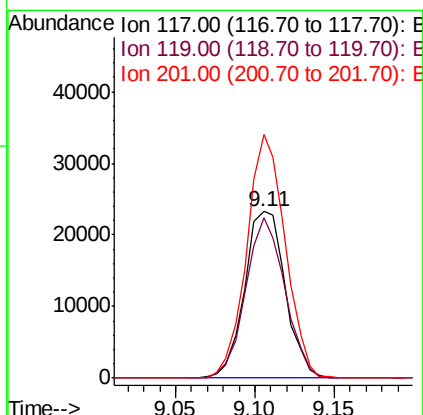
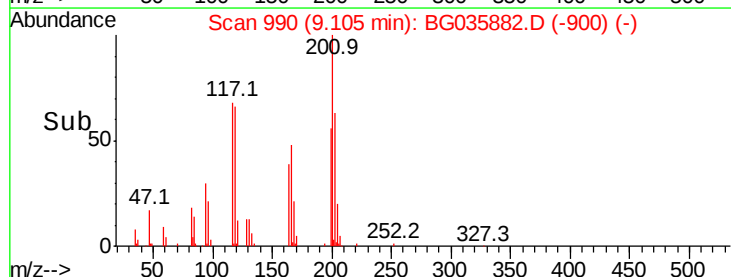
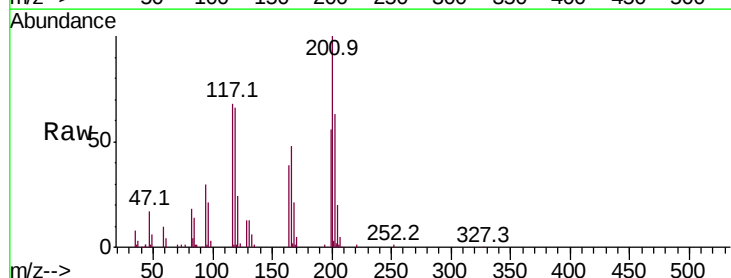
RT: 9.11 min Scan# 990

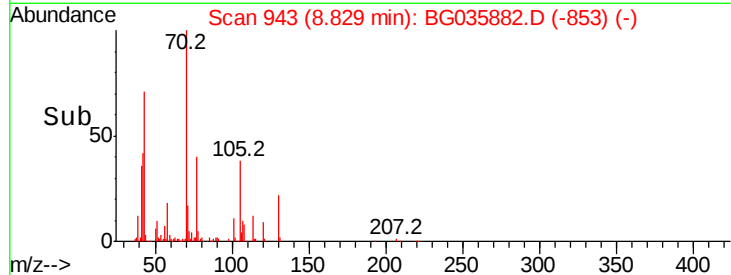
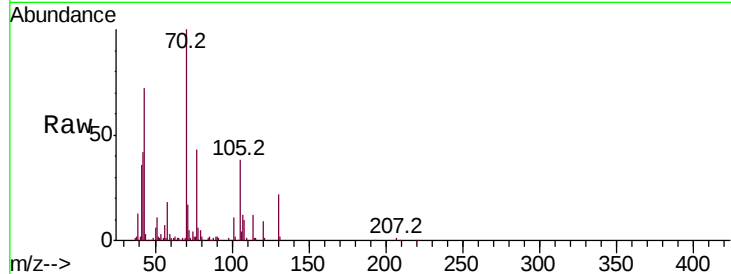
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.5  | 76.7 | 115.1 |       |
| 201     | 146.1 | 95.7 | 143.5 |       |





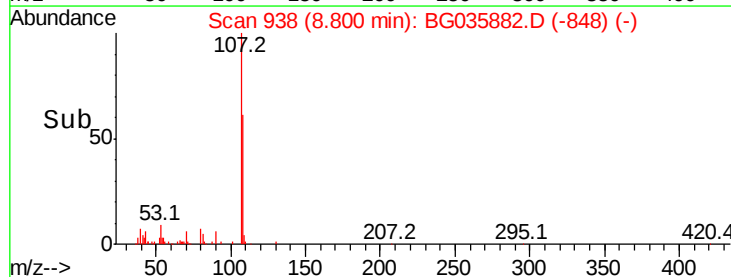
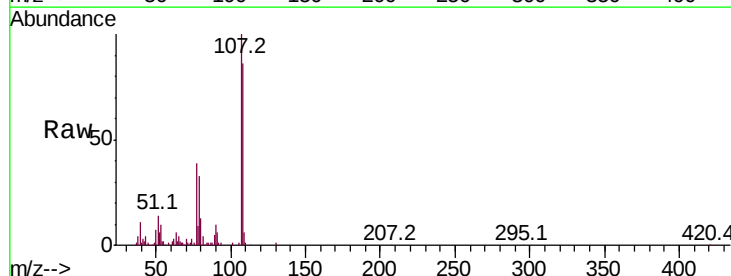
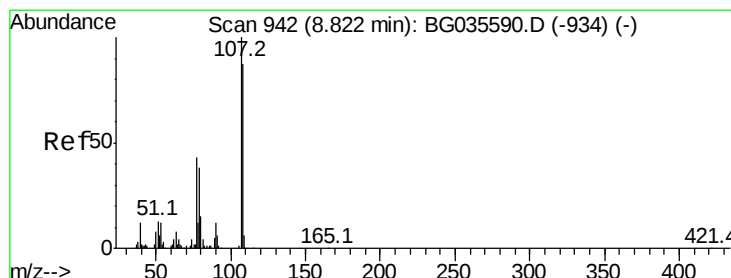
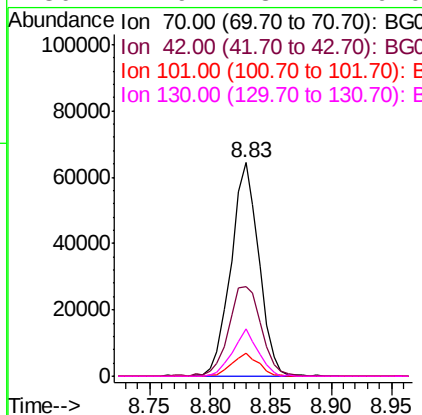
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.053 ng  
RT: 8.83 min Scan# 943  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 41.9  | 49.1  | 73.7# |
| 101     | 10.6  | 8.5   | 12.7  |
| 130     | 21.9  | 13.4  | 20.0# |

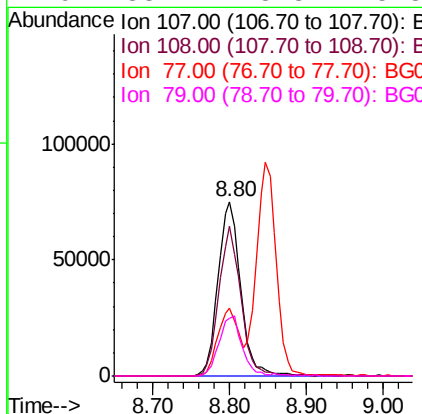
Manual Integrations  
APPROVED

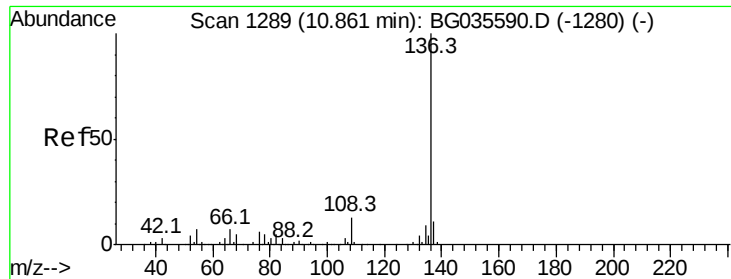
Sohil  
7/26/2018 4:59:39 PM



#20  
3+4-Methylphenols  
Concen: 52.016 ng  
RT: 8.80 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.5  | 61.6  | 101.6 |
| 77      | 38.9  | 13.9  | 53.9  |
| 79      | 33.2  | 8.8   | 48.8  |





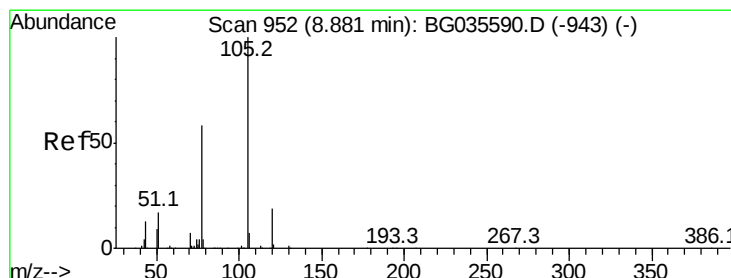
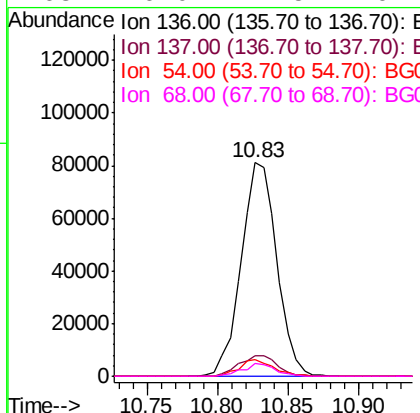
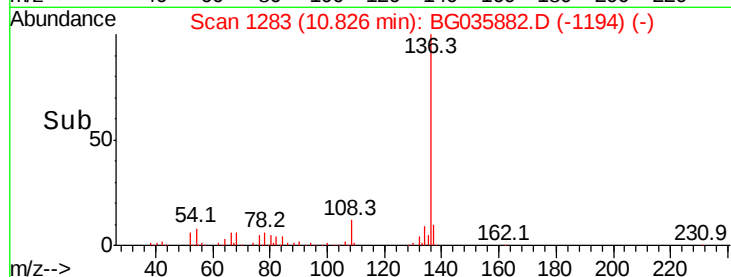
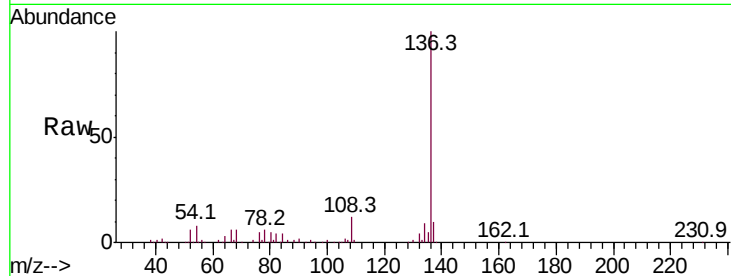
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 9.8   | 9.2  | 13.8  |       |
| 54      | 7.9   | 10.3 | 15.5  |       |
| 68      | 6.0   | 4.5  | 6.7   |       |

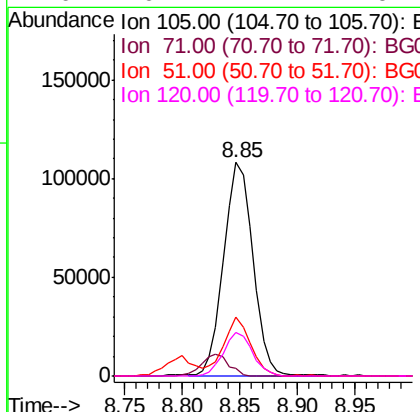
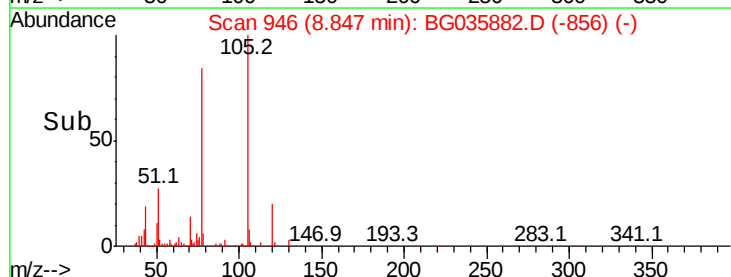
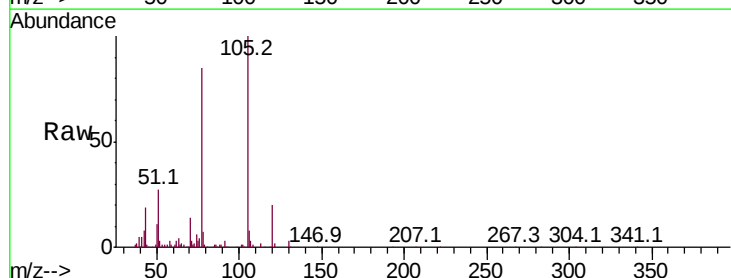
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#22  
Acetophenone  
Concen: 42.838 ng  
RT: 8.85 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.4   | 3.0  | 4.4   |       |
| 51      | 27.5  | 26.1 | 39.1  |       |
| 120     | 20.4  | 17.4 | 26.2  |       |





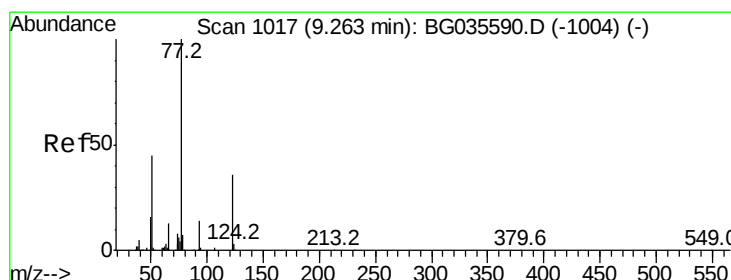
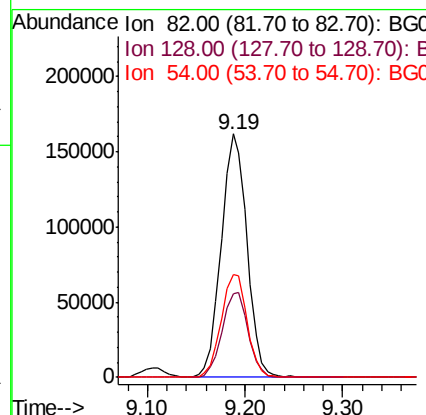
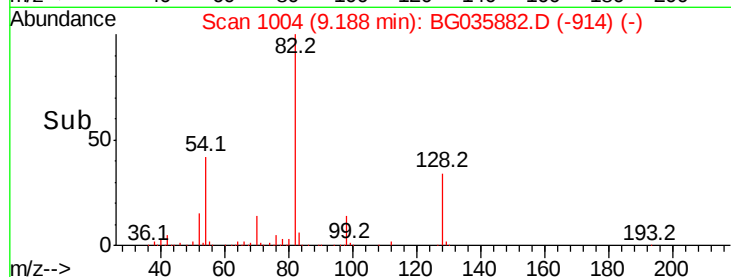
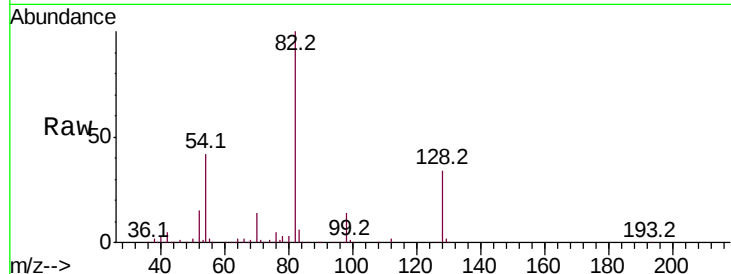
#23  
Nitrobenzene-d5  
Concen: 86.177 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.5  | 29.7  | 44.5  |
| 54      | 42.3  | 43.1  | 64.7# |

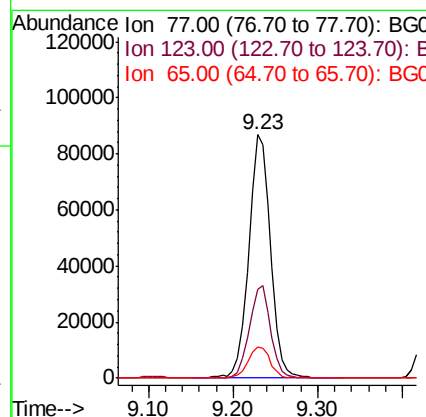
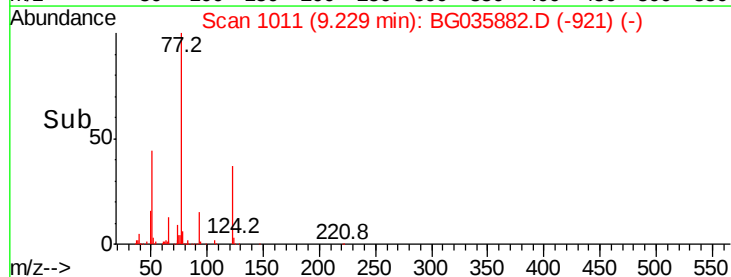
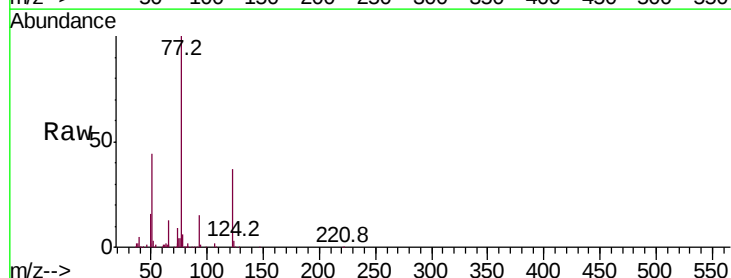
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#24  
Nitrobenzene  
Concen: 44.911 ng  
RT: 9.23 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.6  | 33.0  | 49.6  |
| 65      | 12.8  | 13.0  | 19.6# |





#25

Isophorone

Concen: 49.205 ng

RT: 9.75 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

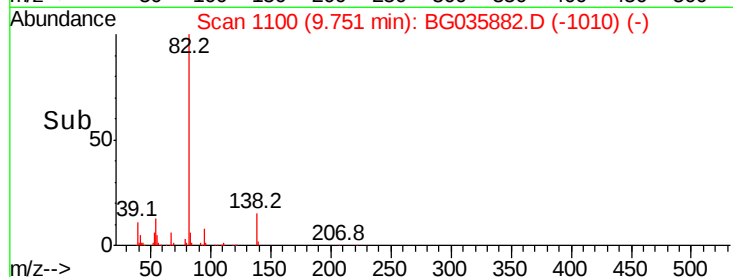
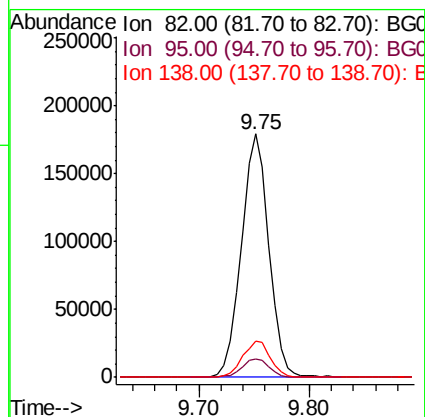
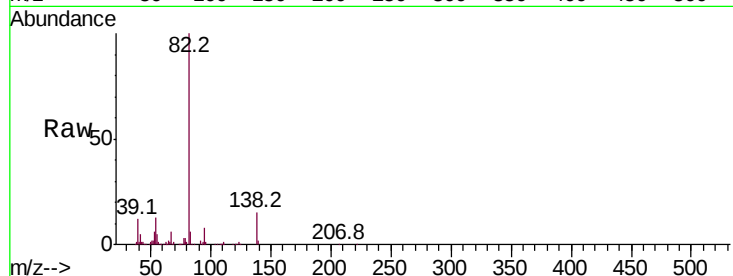
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 312874 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 6.2   | 9.2    |
| 138       | 14.7  | 12.1  | 18.1   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#26

2-Nitrophenol

Concen: 54.985 ng

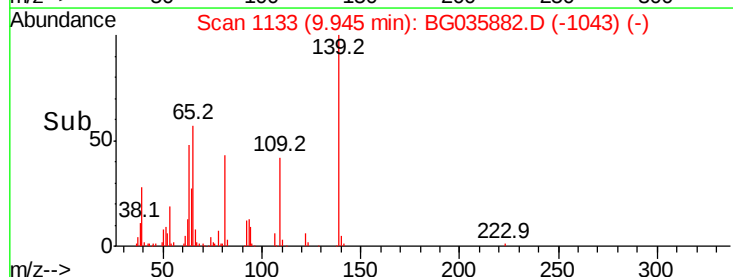
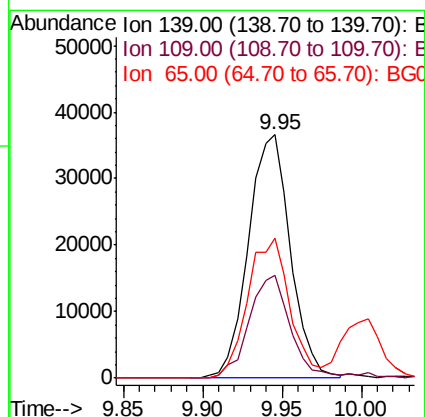
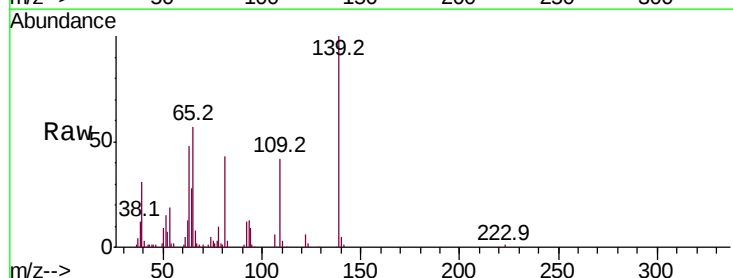
RT: 9.95 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 67270 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 42.1  | 24.2  | 36.2# |
| 65        | 57.5  | 47.4  | 71.0  |





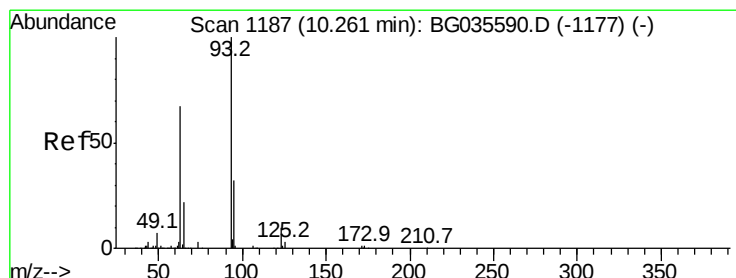
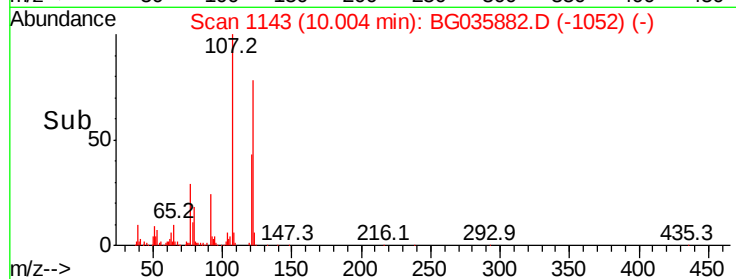
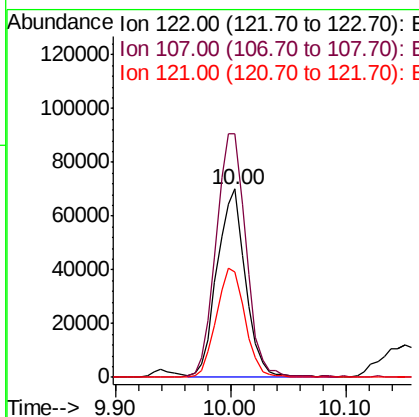
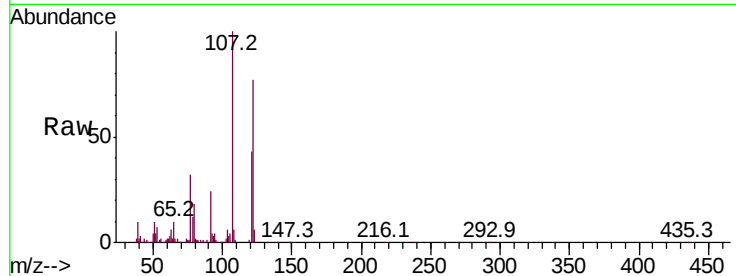
#27  
2,4-Dimethylphenol  
Concen: 57.789 ng  
RT: 10.00 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 129.4 | 100.2 | 150.2 |
| 121     | 55.7  | 44.4  | 66.6  |

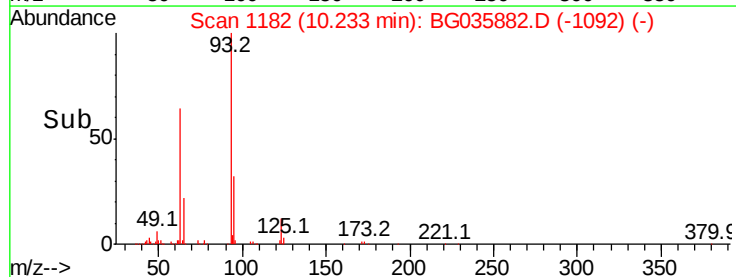
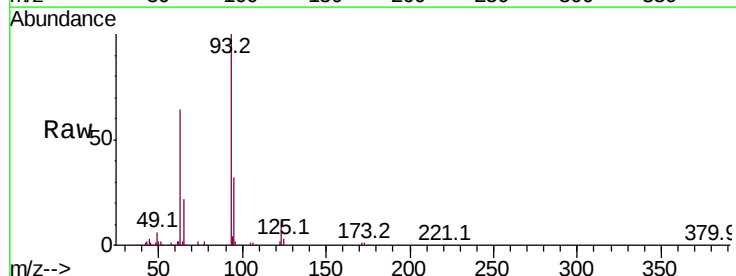
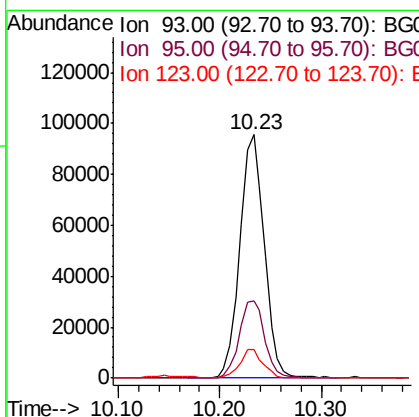
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.598 ng  
RT: 10.23 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.6  | 24.3  | 36.5  |
| 123     | 11.5  | 8.4   | 12.6  |





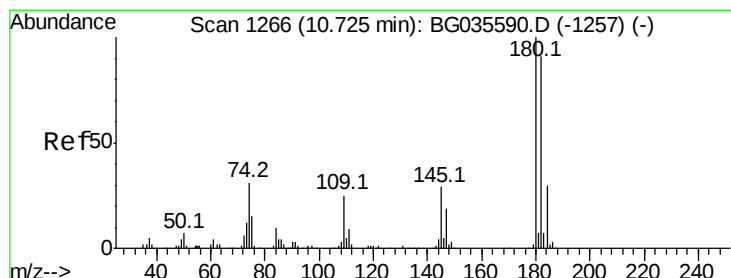
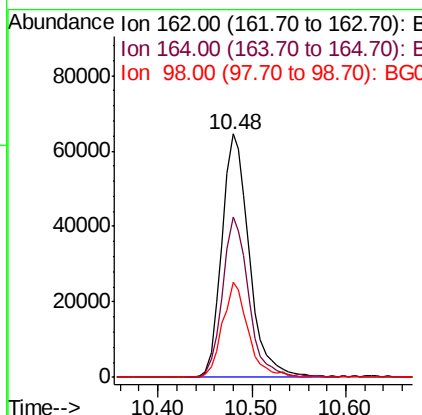
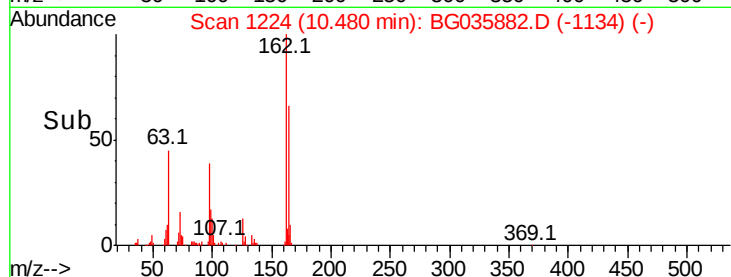
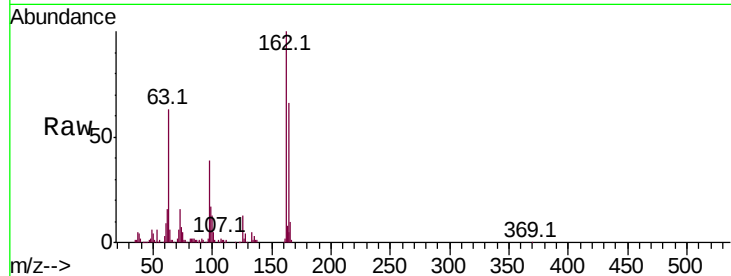
#29  
2,4-Dichlorophenol  
Concen: 55.352 ng  
RT: 10.48 min Scan# 1224  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 66.1  | 48.0 | 88.0  |       |
| 98      | 38.9  | 21.1 | 61.1  |       |

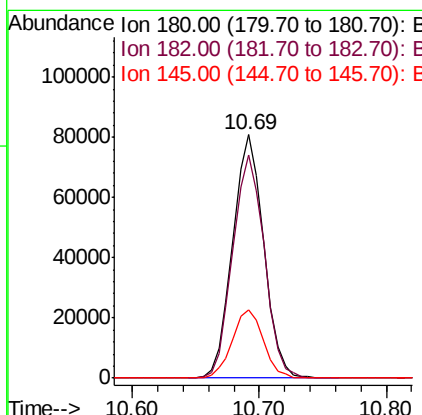
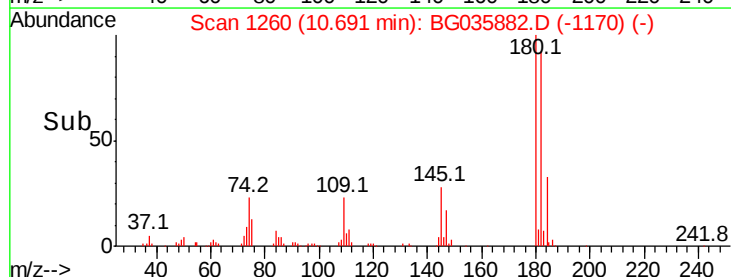
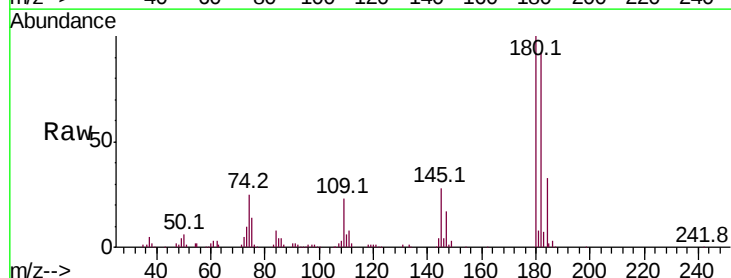
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 47.220 ng  
RT: 10.69 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 91.6  | 77.5 | 116.3 |       |
| 145     | 27.8  | 23.4 | 35.2  |       |





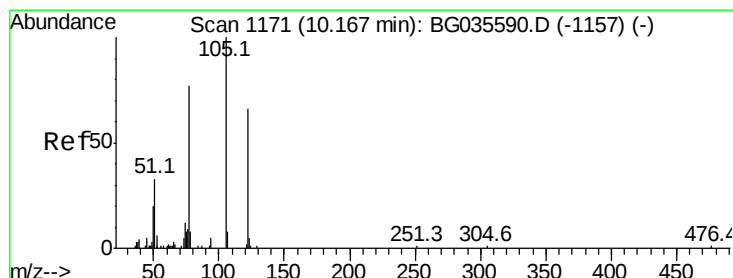
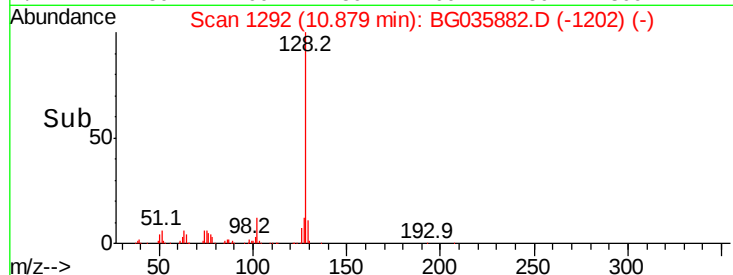
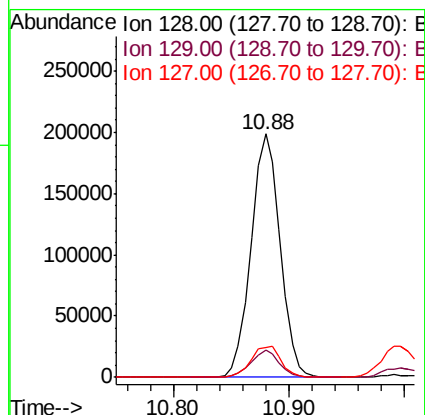
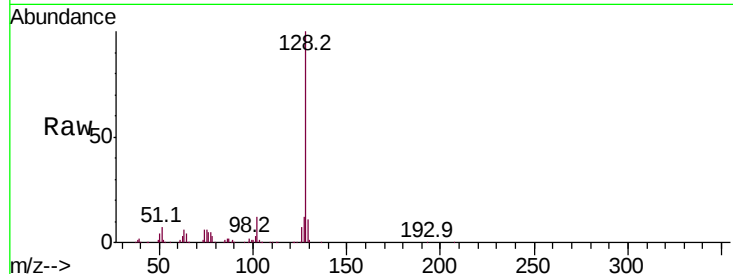
#31  
Naphthalene  
Concen: 46.644 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.6   | 12.8  |
| 127     | 12.1  | 11.6  | 17.4  |

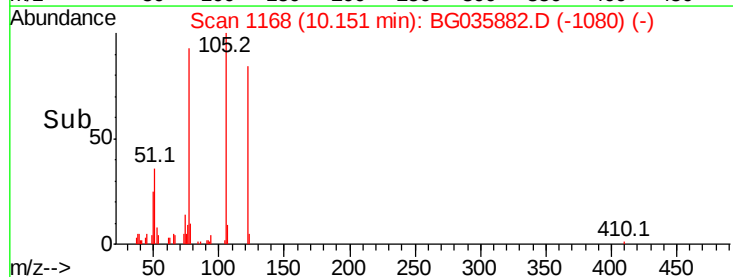
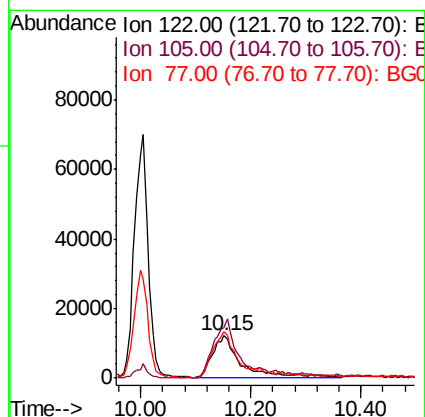
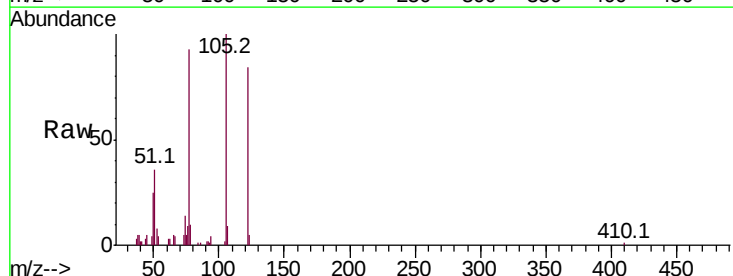
Manual Integrations  
APPROVED

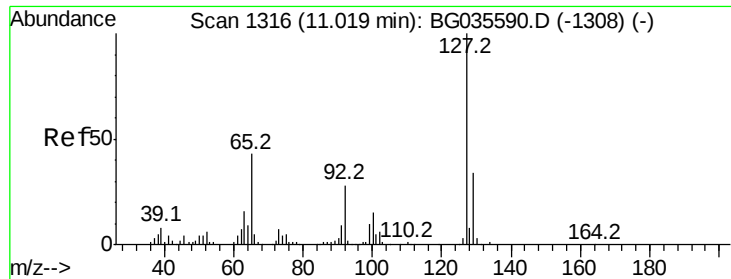
Sohil  
7/26/2018 4:59:39 PM



#32  
Benzoic acid  
Concen: 32.792 ng m  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 118.9 | 123.5 | 163.5# |
| 77      | 111.0 | 85.7  | 125.7  |





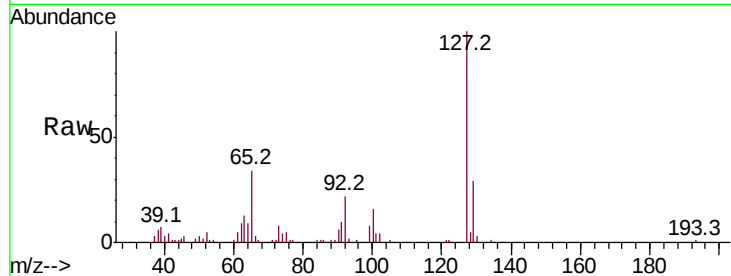
#33  
4-Chloroaniline  
Concen: 17.647 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. 0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

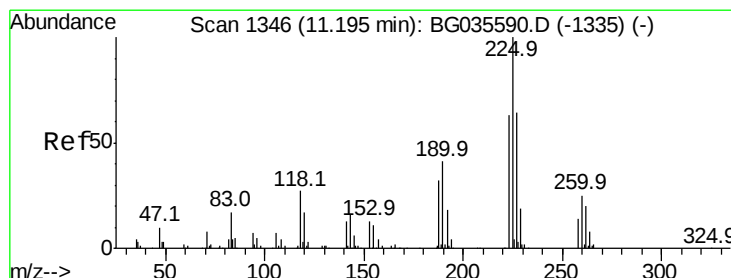
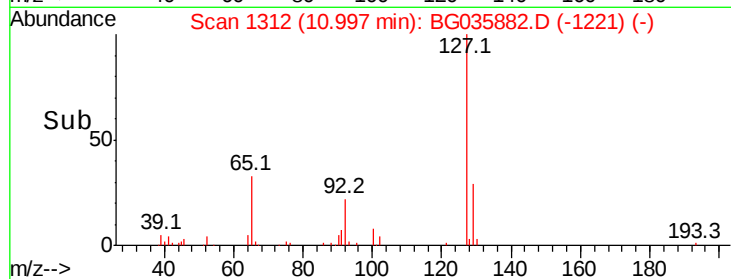
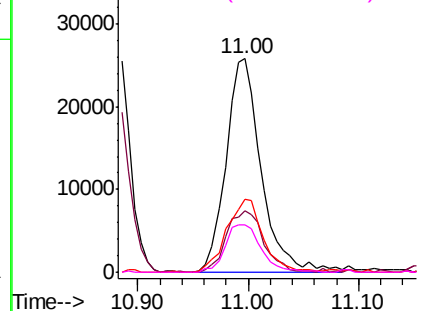
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 28.9  | 24.0  | 36.0  |
| 65      | 34.0  | 27.0  | 40.4  |
| 92      | 22.0  | 16.6  | 25.0  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



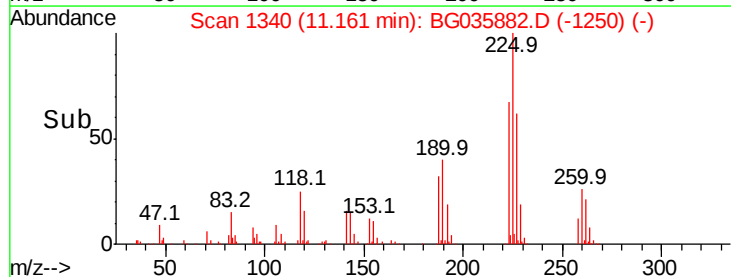
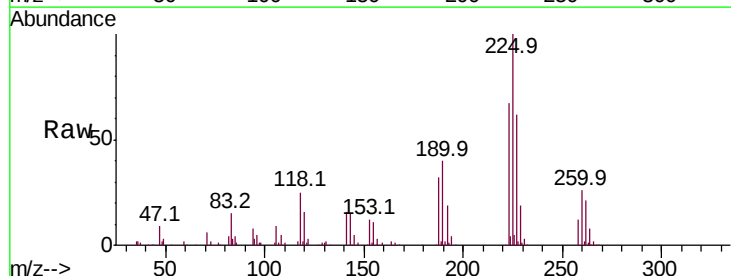
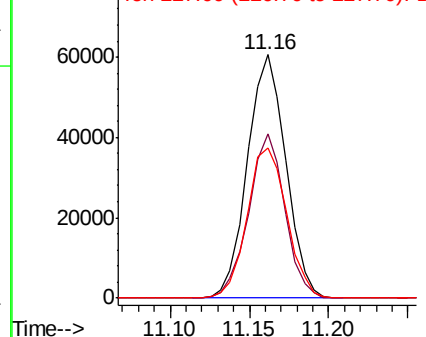
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

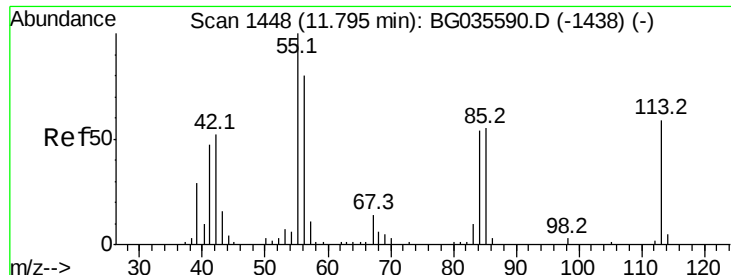


#34  
Hexachlorobutadiene  
Concen: 45.194 ng  
RT: 11.16 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 67.3  | 49.7  | 74.5  |
| 227     | 61.8  | 48.1  | 72.1  |

Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





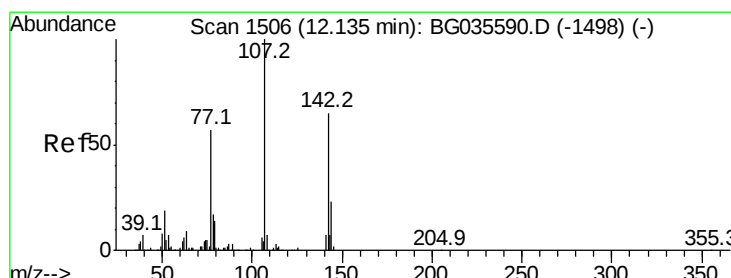
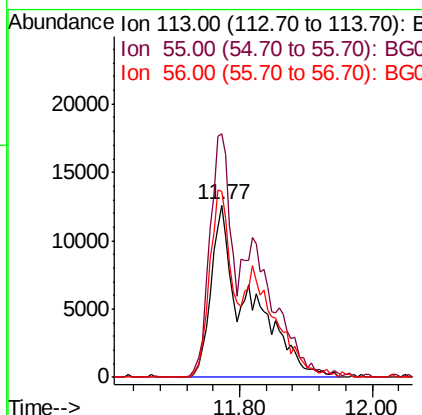
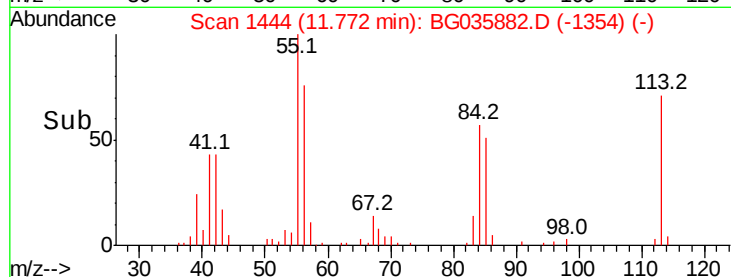
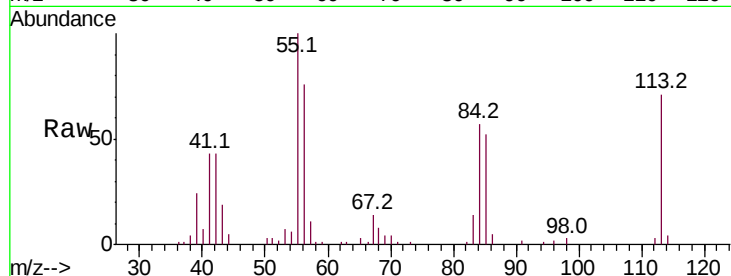
#35  
 Caprolactam  
 Concen: 49.213 ng/ml  
 RT: 11.77 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

Tot Ion:113 Resp: 49926  
 Ion Ratio Lower Upper  
 113 100  
 55 141.5 186.9 226.9#  
 56 108.0 130.9 170.9#

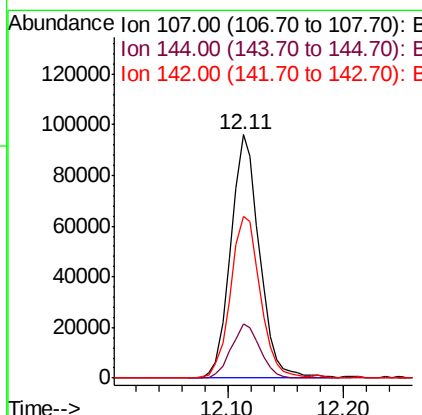
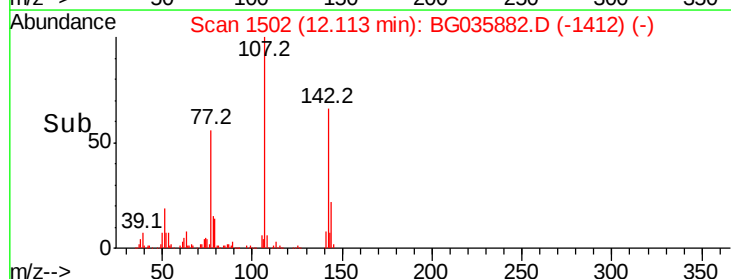
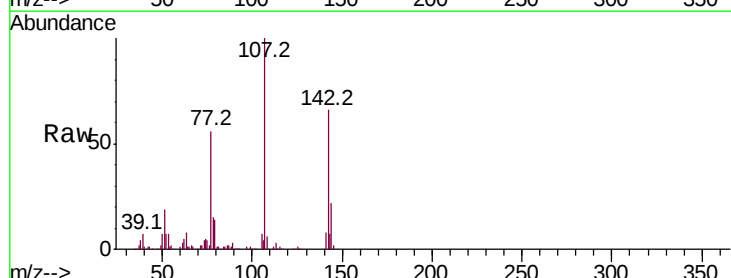
Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 4:59:39 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.183 ng/ml  
 RT: 12.11 min Scan# 1502  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Tgt Ion:107 Resp: 165353  
 Ion Ratio Lower Upper  
 107 100  
 144 22.1 18.2 27.4  
 142 66.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 49.829 ng

RT: 12.48 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

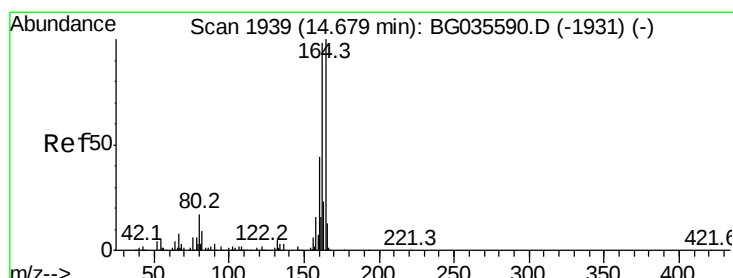
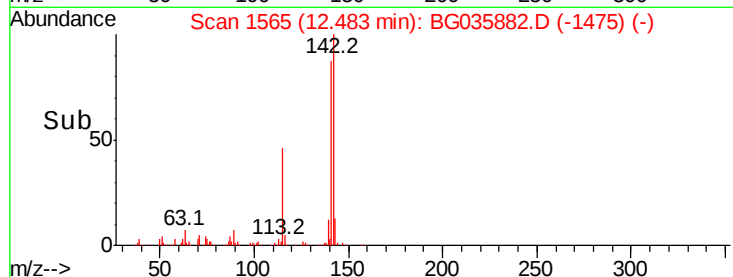
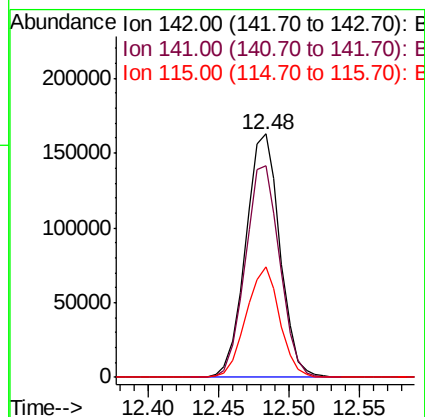
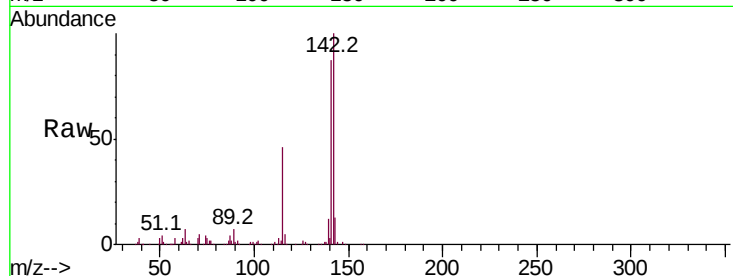
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 276711 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 86.8  | 67.1  | 100.7  |
| 115       | 45.6  | 30.7  | 46.1   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

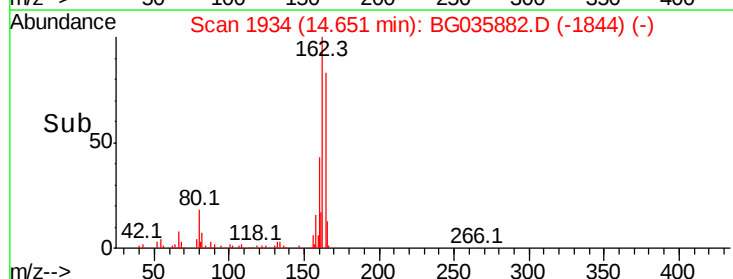
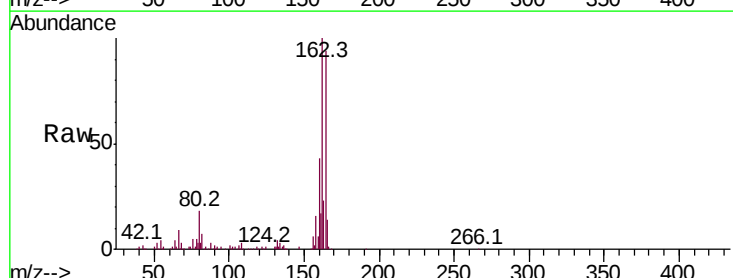
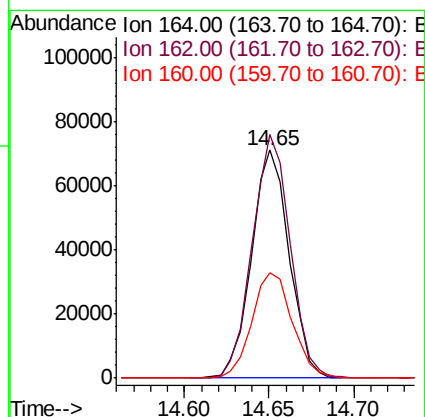
RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 110296 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 106.9 | 78.8  | 118.2  |
| 160       | 46.3  | 35.4  | 53.0   |





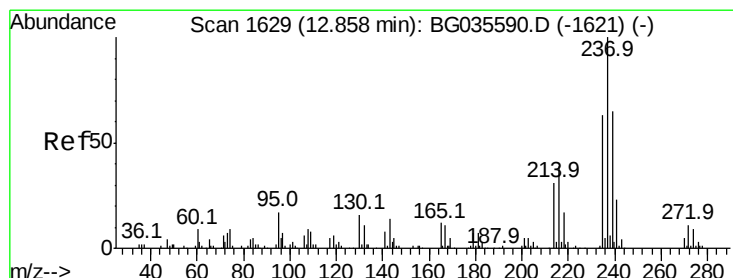
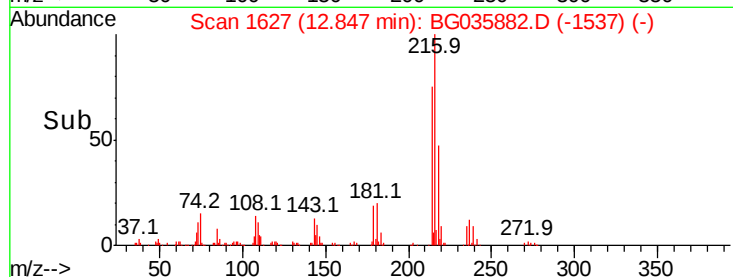
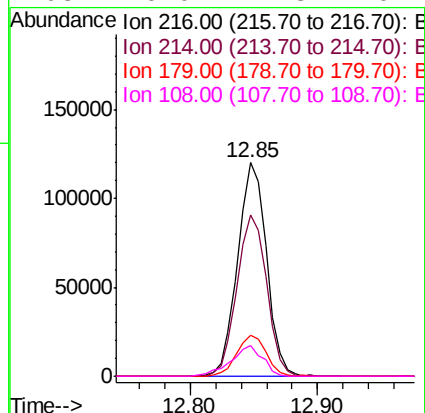
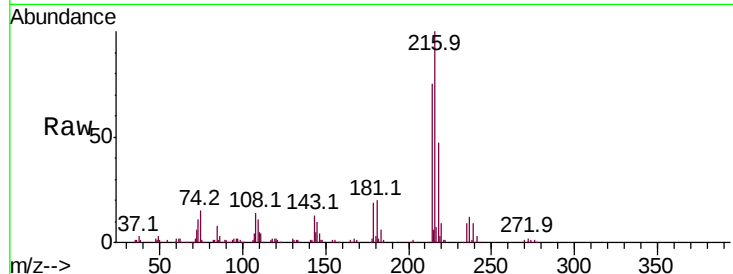
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.425 ng  
 RT: 12.85 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 189103 |       |       |
| 214     | 77.6  | 63.0   | 94.4  |       |
| 179     | 19.5  | 17.0   | 25.6  |       |
| 108     | 16.0  | 12.8   | 19.2  |       |

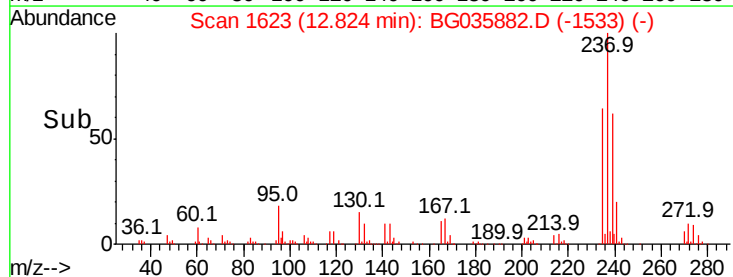
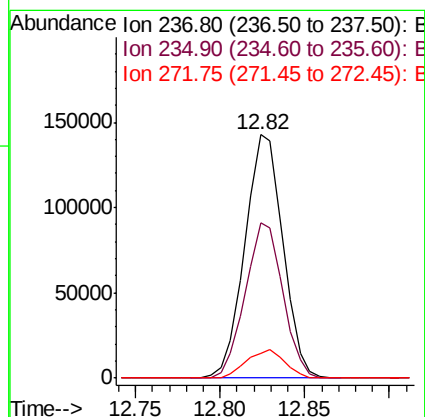
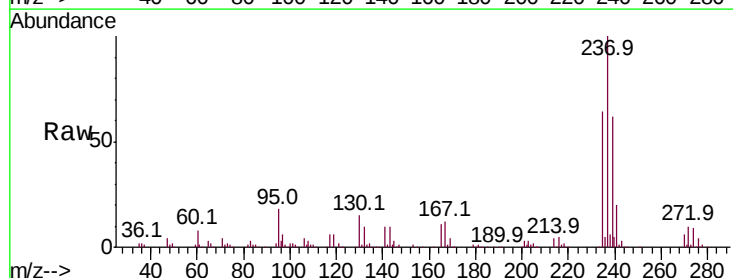
Manual Integrations  
 APPROVED

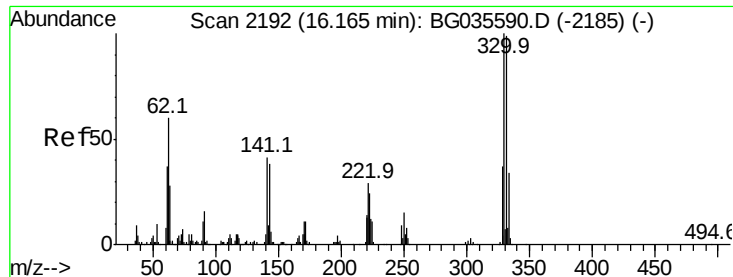
Sohil  
 7/26/2018 4:59:39 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 102.459 ng  
 RT: 12.82 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 223692 |       |       |
| 235     | 63.9  | 50.4   | 90.4  |       |
| 272     | 10.3  | 0.0    | 31.8  |       |





#41

2,4,6-Tribromophenol

Concen: 155.666 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

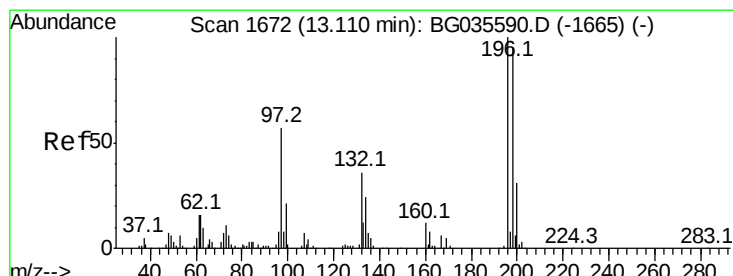
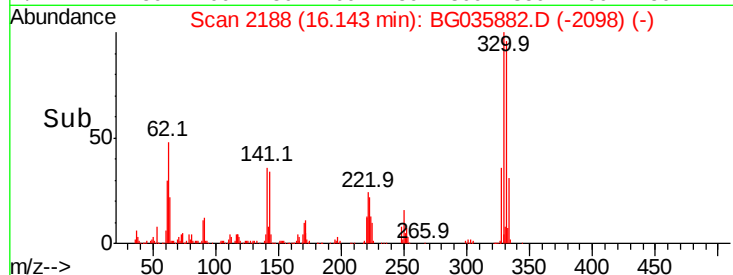
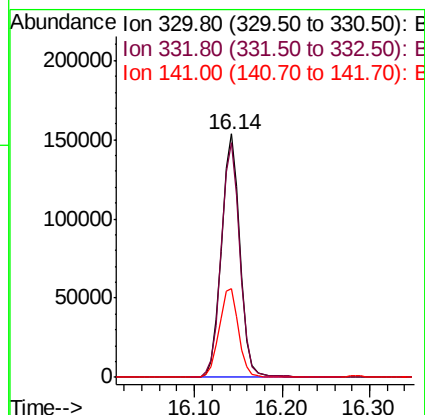
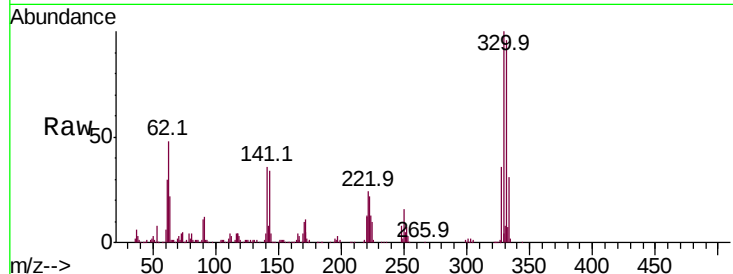
ClientSampled :

TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.0  | 115.6 |
| 141     | 37.9  | 25.2  | 37.8# |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#42

2,4,6-Trichlorophenol

Concen: 53.644 ng

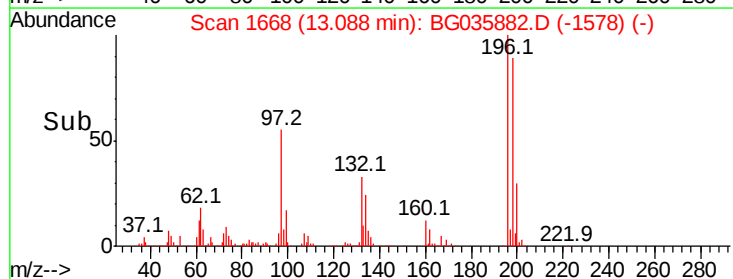
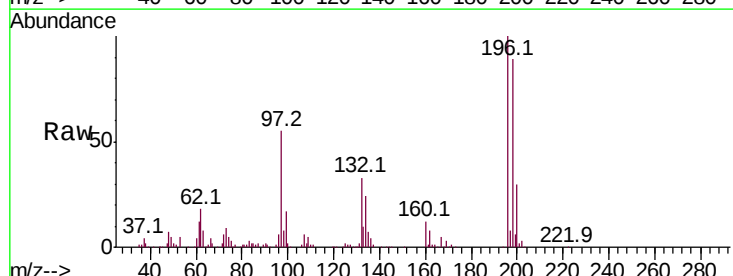
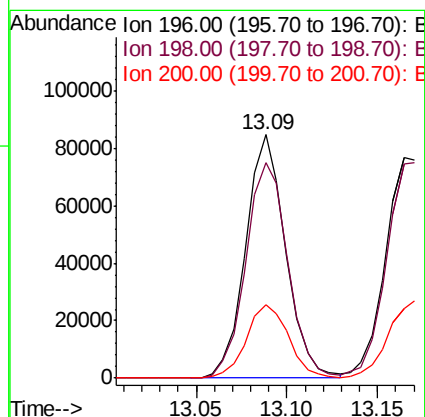
RT: 13.09 min Scan# 1668

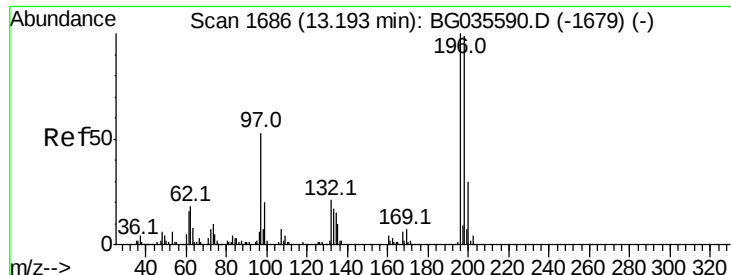
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 88.7  | 78.2  | 117.2 |
| 200     | 30.2  | 24.6  | 36.8  |





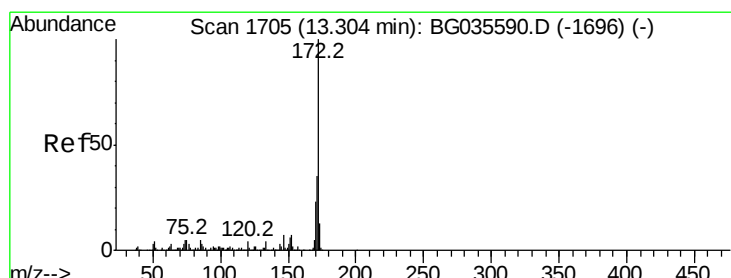
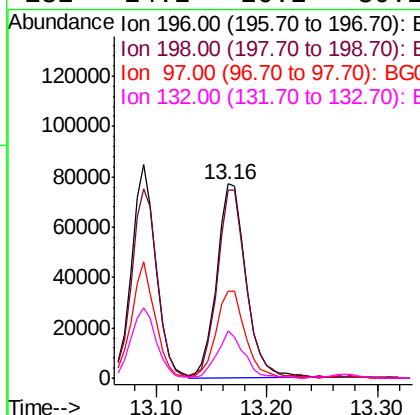
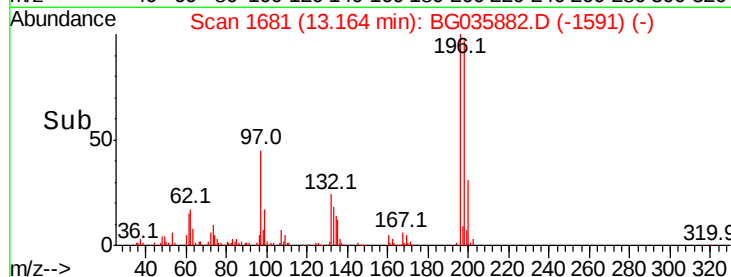
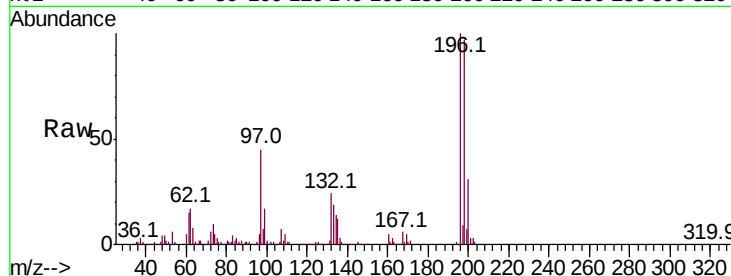
#43  
 2,4,5-Trichlorophenol  
 Concen: 52.203 ng  
 RT: 13.16 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 142174 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 76.2  | 114.4  |
| 97        | 45.2  | 38.7  | 58.1   |
| 132       | 24.2  | 20.2  | 30.2   |

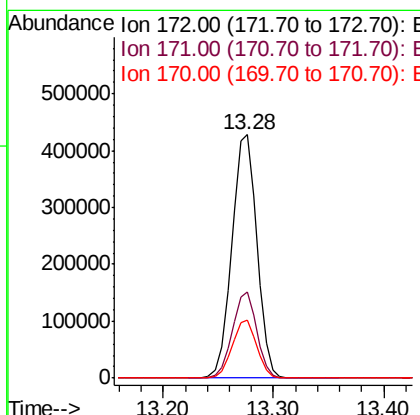
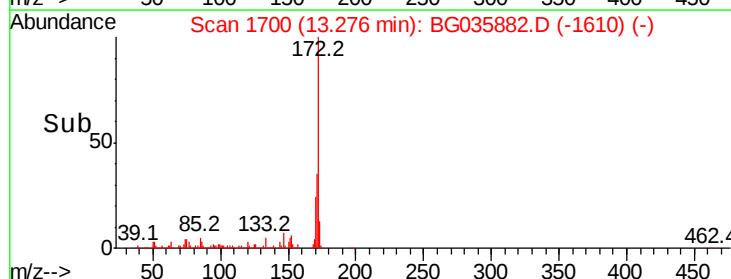
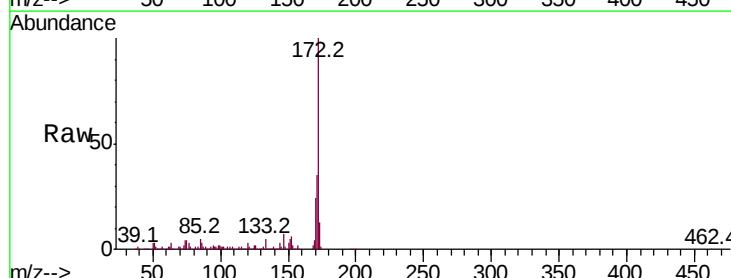
Manual Integrations  
 APPROVED

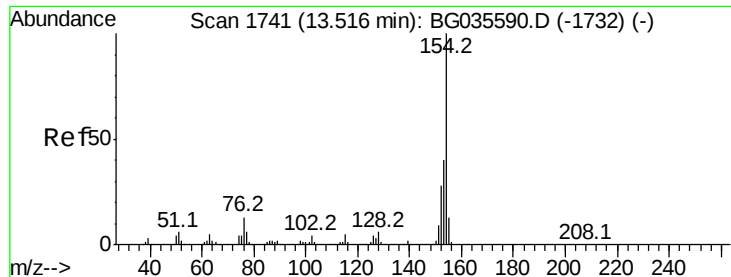
Sohil  
 7/26/2018 4:59:39 PM



#44  
 2-Fluorobiphenyl  
 Concen: 82.933 ng  
 RT: 13.28 min Scan# 1700  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 682759 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.3  | 30.0  | 45.0   |
| 170       | 23.8  | 19.5  | 29.3   |





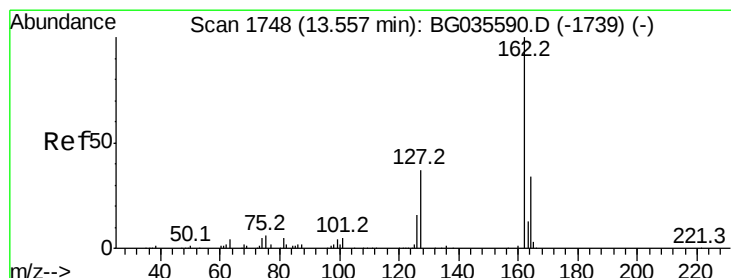
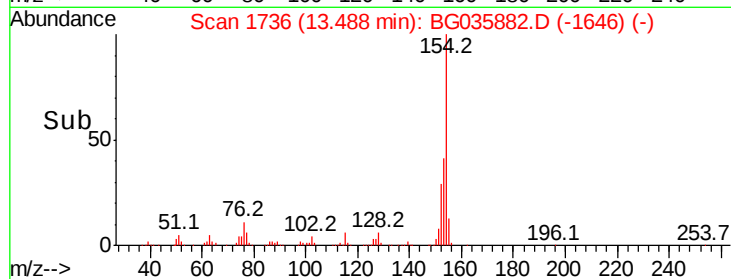
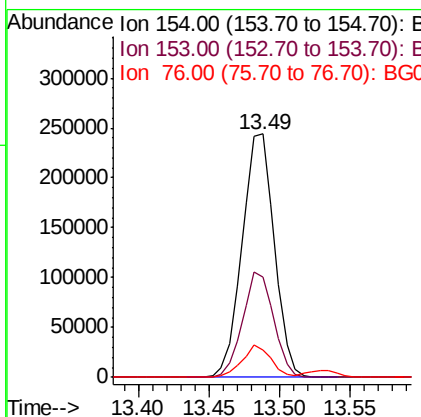
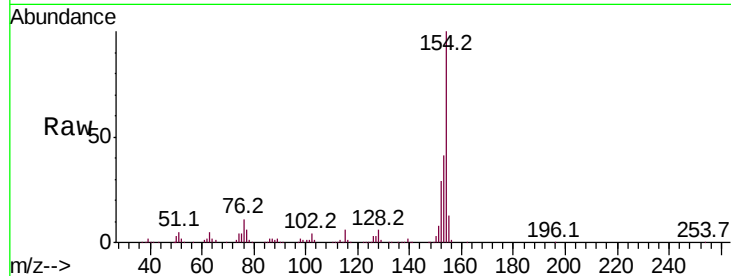
#45  
 1,1'-Biphenyl  
 Concen: 45.692 ng  
 RT: 13.49 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 19.8  | 59.8  |
| 76      | 11.5  | 0.0   | 31.9  |

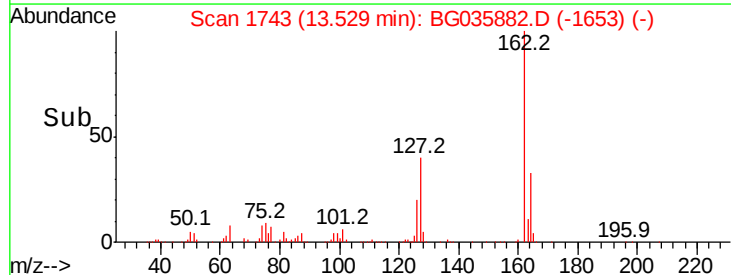
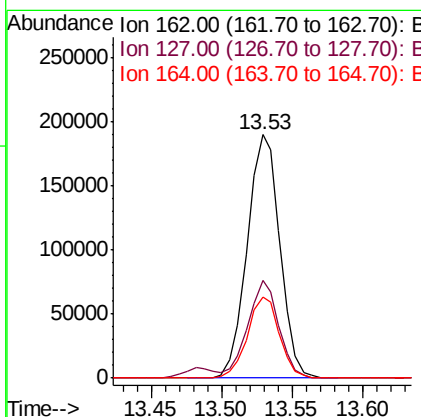
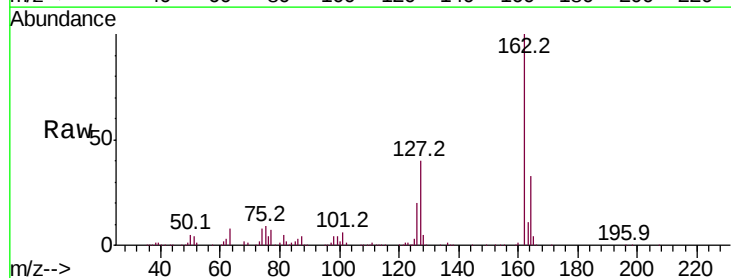
Manual Integrations  
 APPROVED

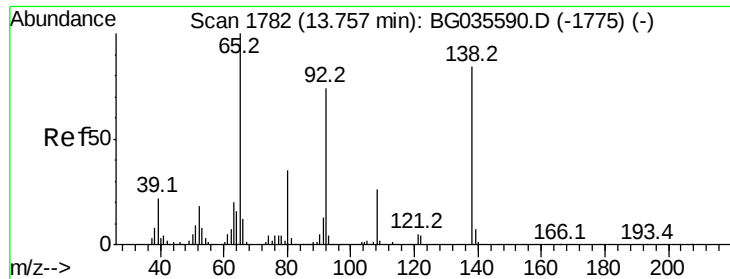
Sohil  
 7/26/2018 4:59:39 PM



#46  
 2-Chloronaphthalene  
 Concen: 46.309 ng  
 RT: 13.53 min Scan# 1743  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 30.7  | 46.1  |
| 164     | 33.4  | 26.0  | 39.0  |





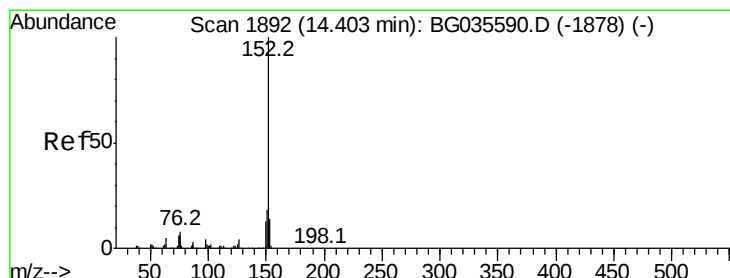
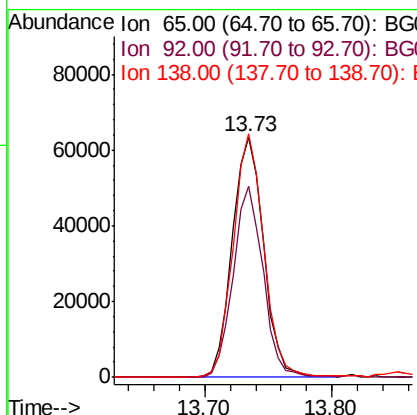
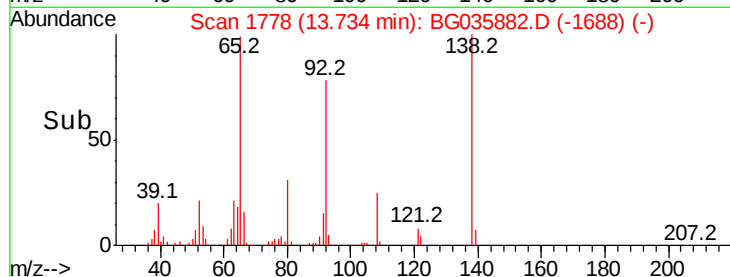
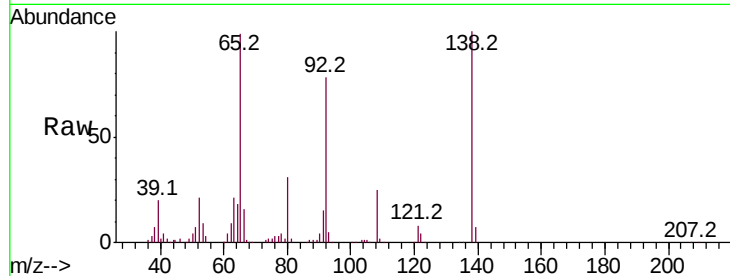
#47  
2-Nitroaniline  
Concen: 46.057 ng  
RT: 13.73 min Scan# 1778  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 79.5  | 54.6  | 82.0  |
| 138     | 101.5 | 72.9  | 109.3 |

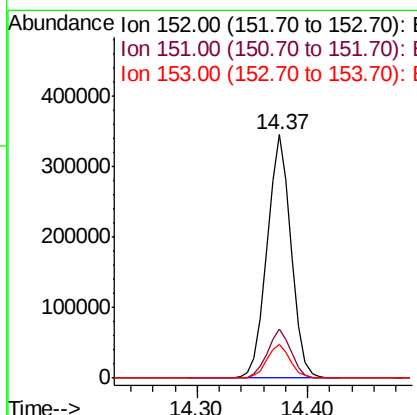
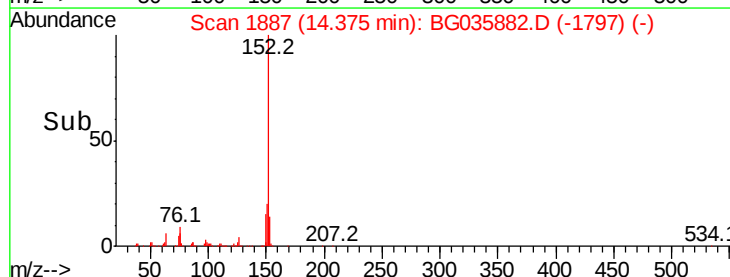
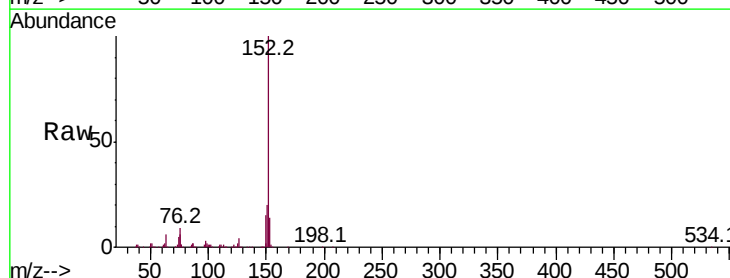
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#48  
Acenaphthylene  
Concen: 46.975 ng  
RT: 14.37 min Scan# 1887  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 17.2  | 25.8  |
| 153     | 13.7  | 10.2  | 15.4  |





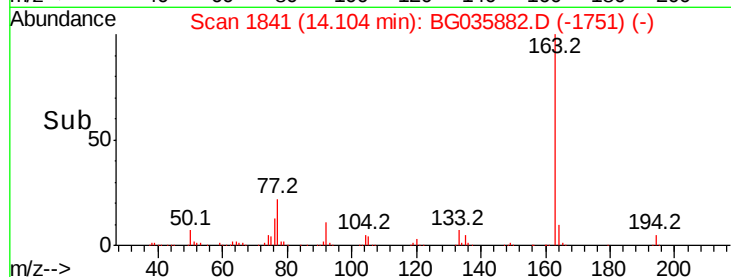
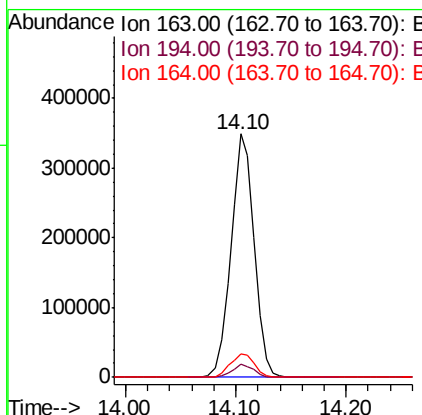
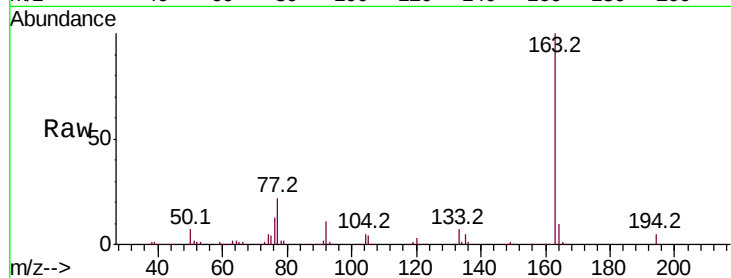
#49  
Dimethylphthalate  
Concen: 52.777 ng  
RT: 14.10 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 510013 |       |       |
| 194     | 5.2   | 3.4    | 5.2#  |       |
| 164     | 9.6   | 8.2    | 12.4  |       |

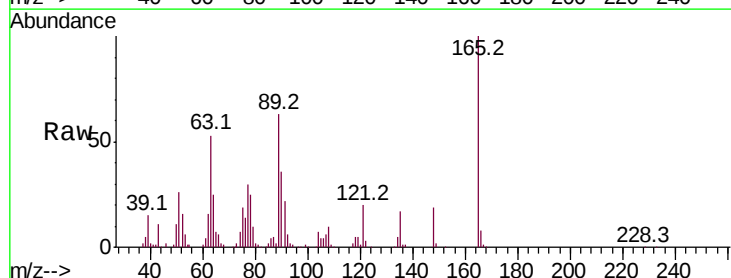
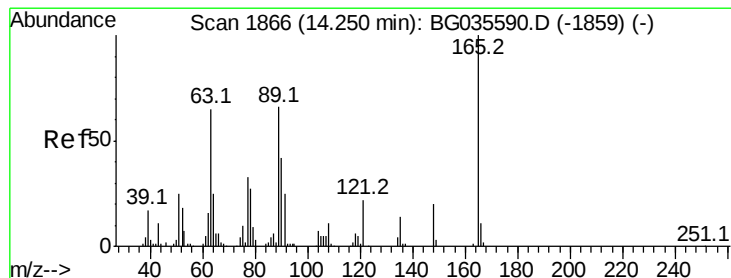
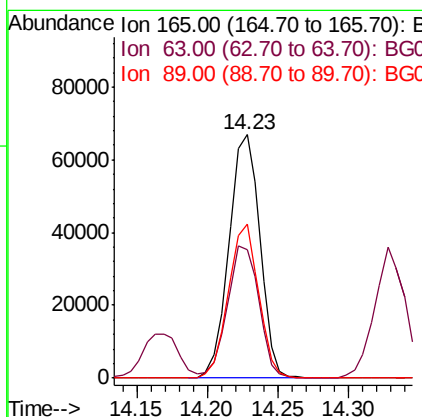
Manual Integrations  
APPROVED

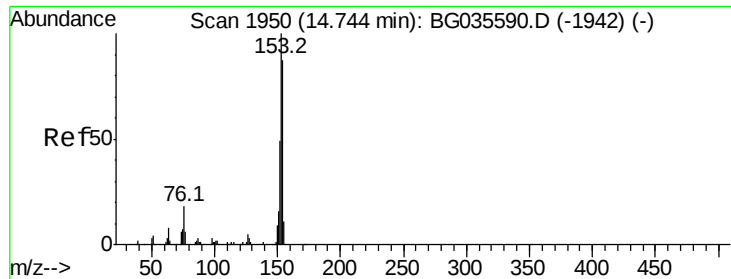
Sohil  
7/26/2018 4:59:39 PM



#50  
2,6-Dinitrotoluene  
Concen: 51.990 ng  
RT: 14.23 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 102309 |       |       |
| 63      | 52.9  | 52.7   | 79.1  |       |
| 89      | 63.2  | 49.2   | 73.8  |       |





#51

Acenaphthene

Concen: 43.993 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

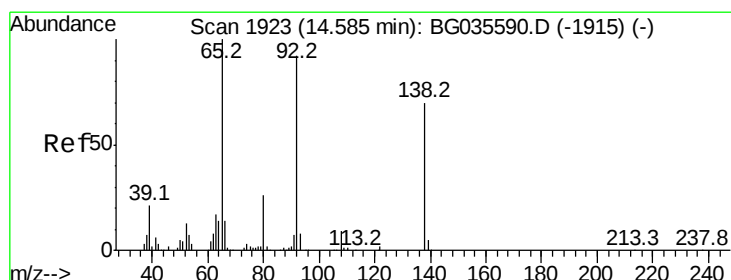
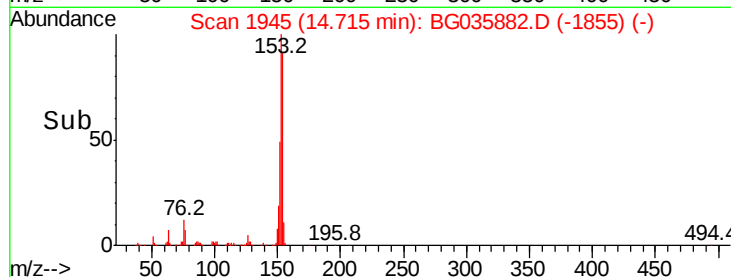
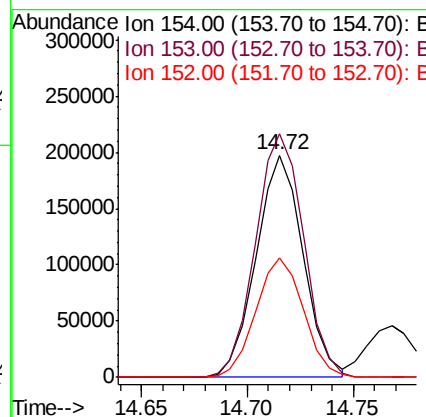
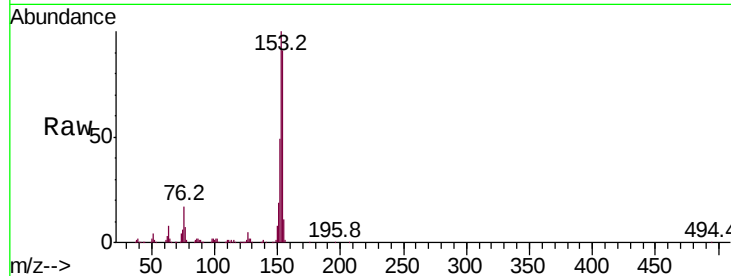
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 305342 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 109.6 | 90.4  | 135.6  |
| 152       | 54.0  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#52

3-Nitroaniline

Concen: 27.451 ng

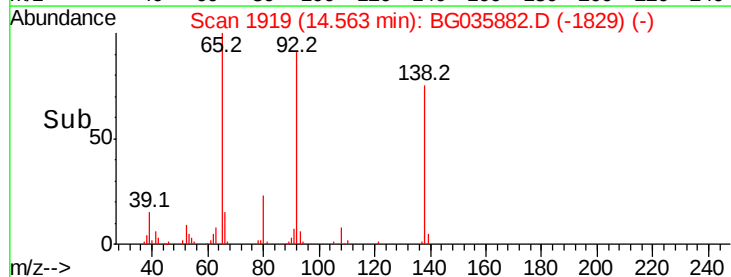
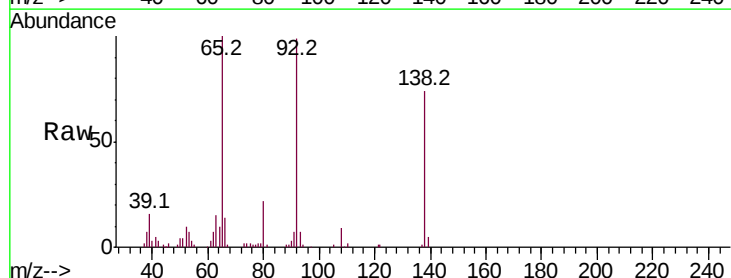
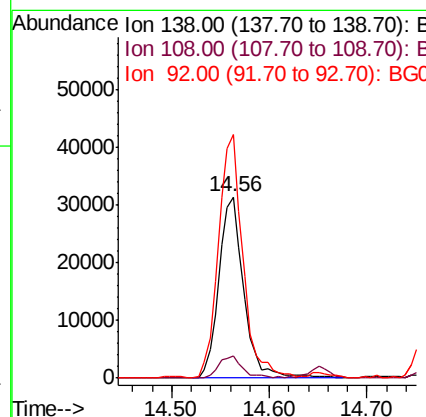
RT: 14.56 min Scan# 1919

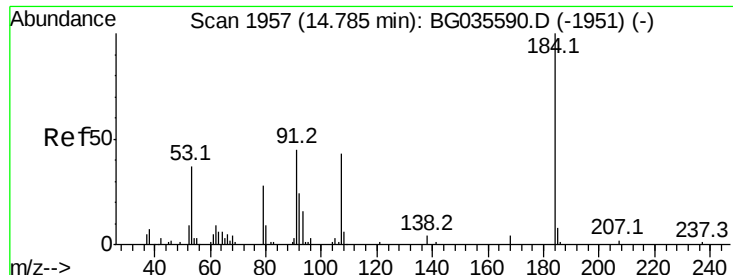
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 55213 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 12.4  | 17.5  | 26.3# |
| 92        | 134.5 | 105.8 | 158.8 |





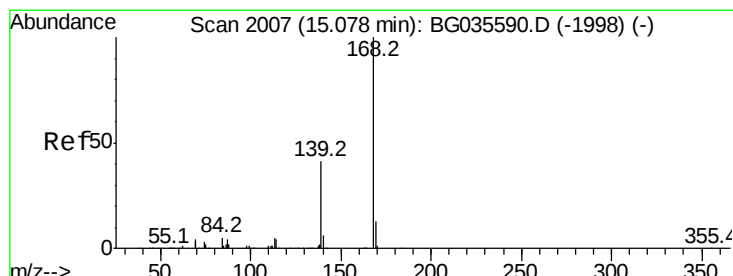
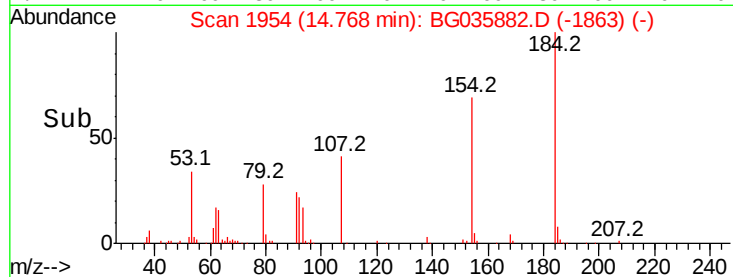
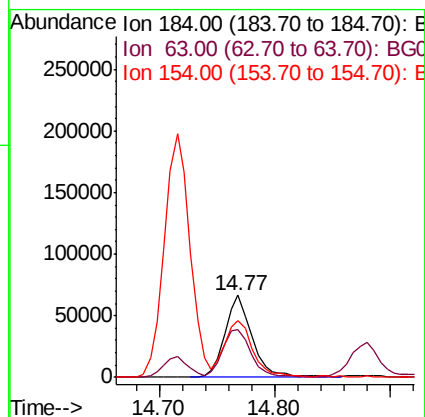
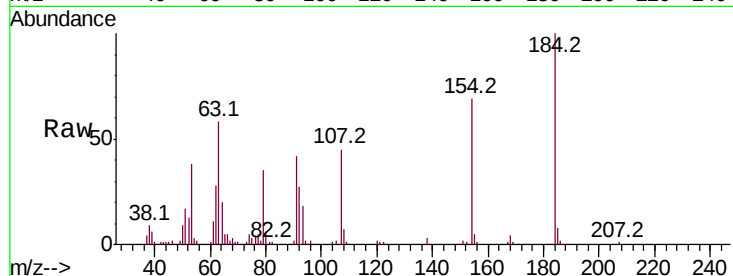
#53  
2,4-Dinitrophenol  
Concen: 105.456 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. 0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampled :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 58.3  | 59.8  | 89.8#  |
| 154     | 69.0  | 101.8 | 152.8# |

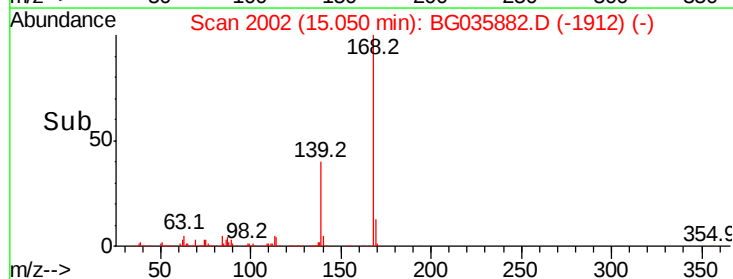
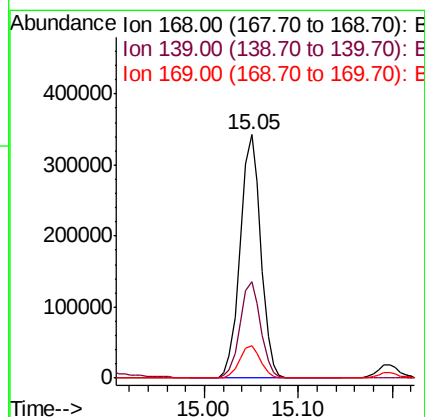
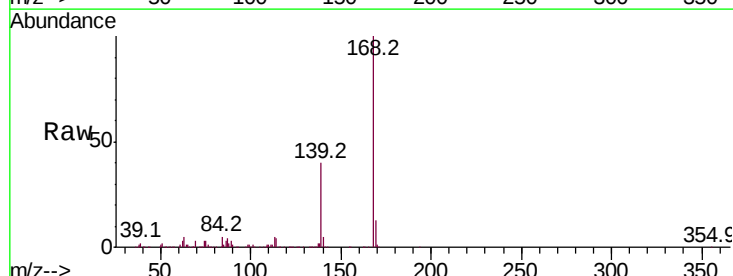
Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#54  
Dibenzofuran  
Concen: 47.061 ng  
RT: 15.05 min Scan# 2002  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 28.6  | 43.0  |
| 169     | 13.3  | 11.2  | 16.8  |





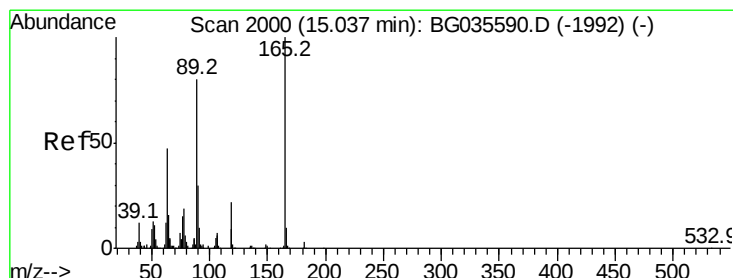
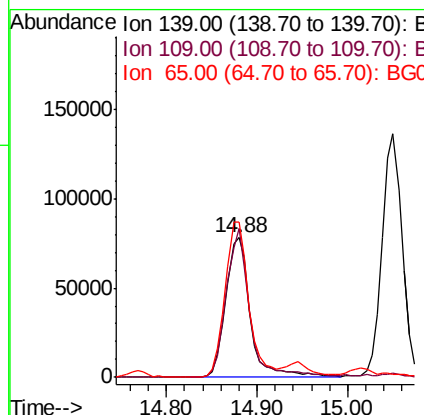
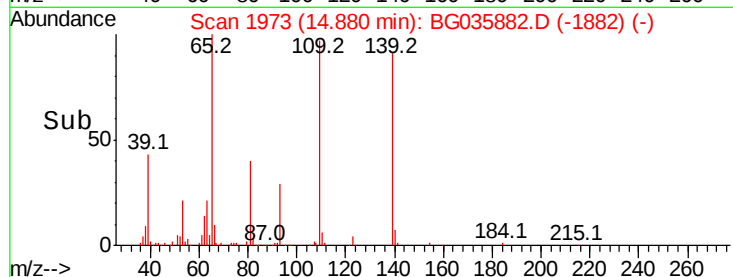
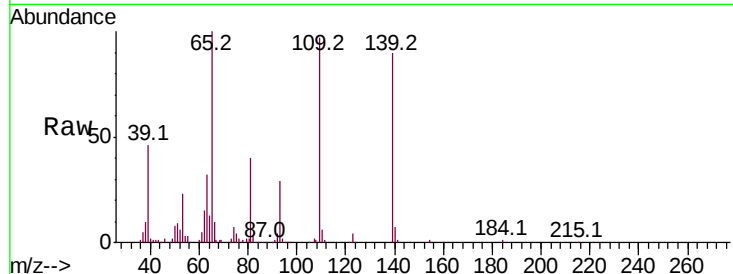
#55  
4-Nitrophenol  
Concen: 103.874 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 139     | 100   |      |        |       |
| 109     | 107.1 | 62.2 | 102.2# |       |
| 65      | 111.0 | 97.2 | 137.2  |       |

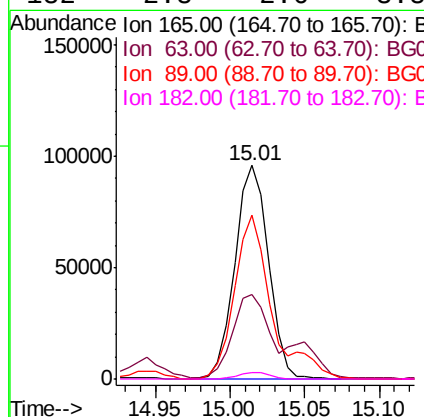
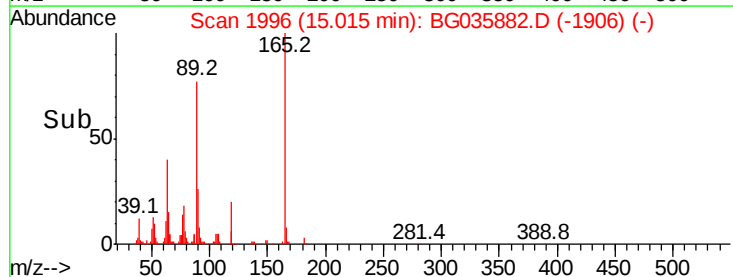
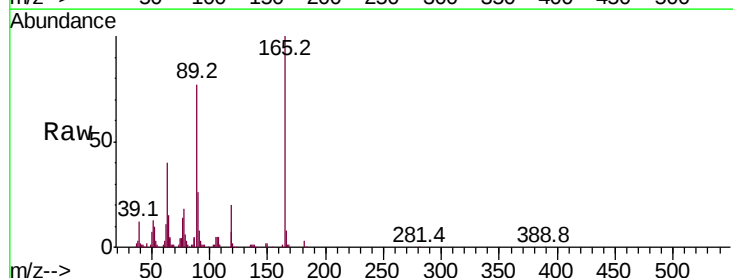
Manual Integrations  
APPROVED

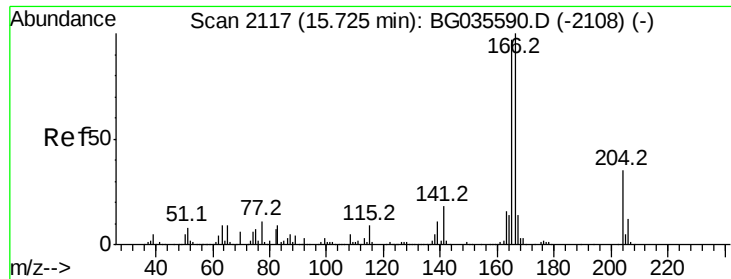
Sohil  
7/26/2018 4:59:39 PM



#56  
2,4-Dinitrotoluene  
Concen: 53.144 ng  
RT: 15.01 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 39.8  | 42.0 | 63.0# |       |
| 89      | 76.5  | 66.9 | 100.3 |       |
| 182     | 2.8   | 2.6  | 3.8   |       |





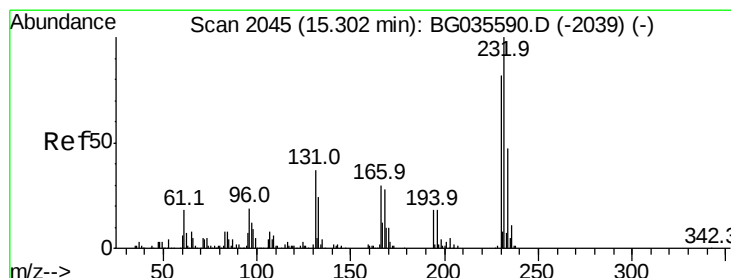
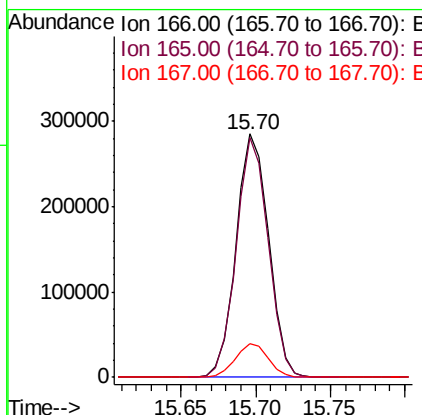
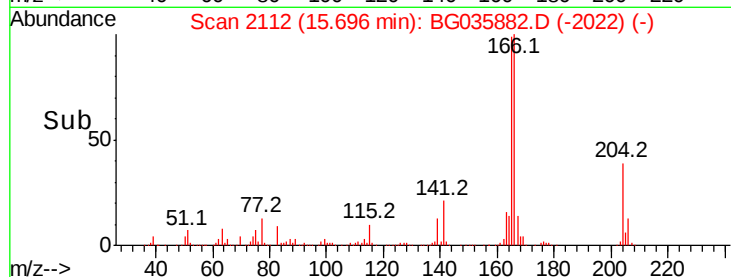
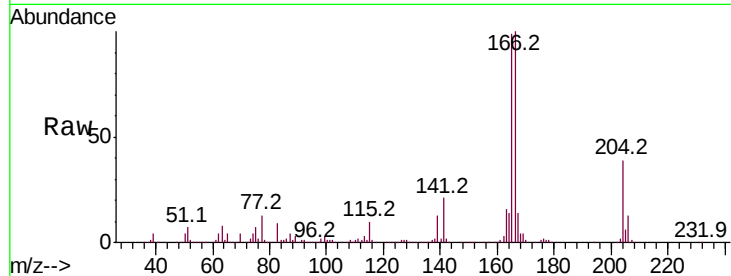
#57  
 Fluorene  
 Concen: 46.633 ng  
 RT: 15.70 min Scan# 2112  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.5  | 80.6  | 121.0 |
| 167     | 13.9  | 10.4  | 15.6  |

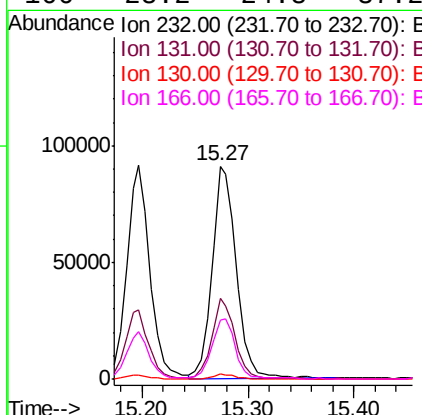
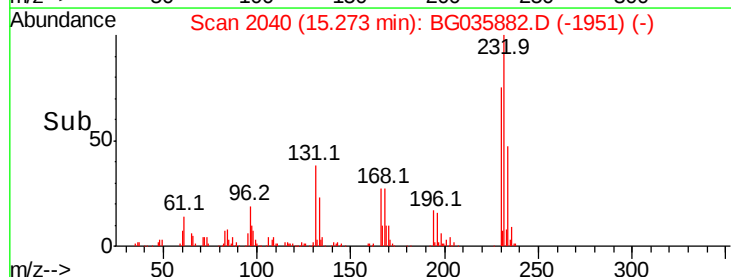
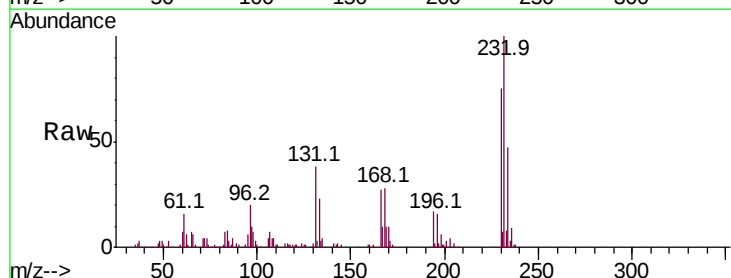
Manual Integrations  
 APPROVED

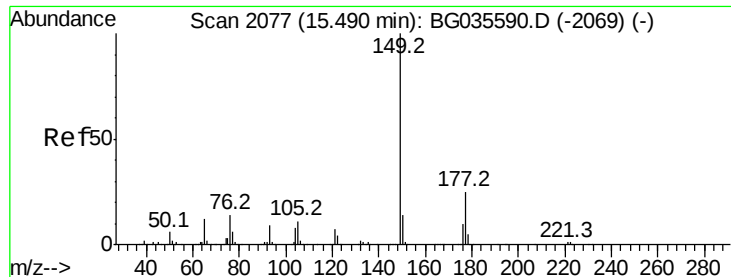
Sohil  
 7/26/2018 4:59:39 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 55.649 ng  
 RT: 15.27 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.5  | 33.5  | 50.3  |
| 130     | 2.2   | 2.2   | 3.2   |
| 166     | 28.2  | 24.8  | 37.2  |





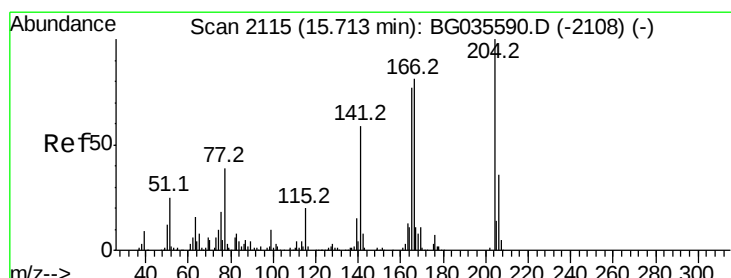
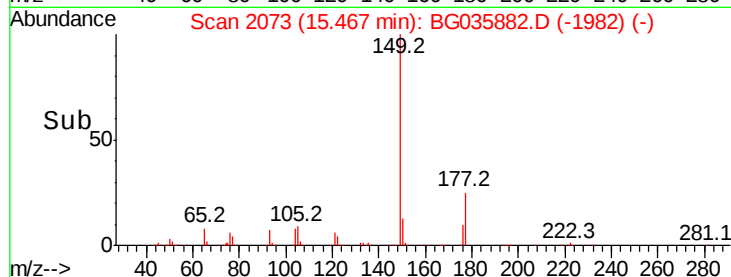
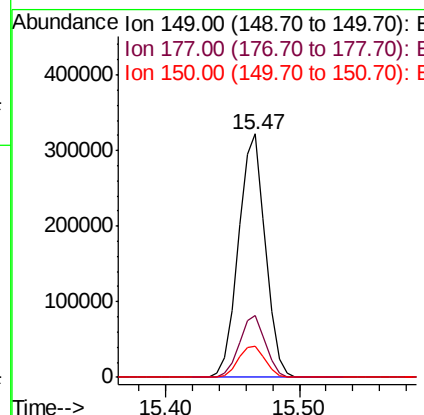
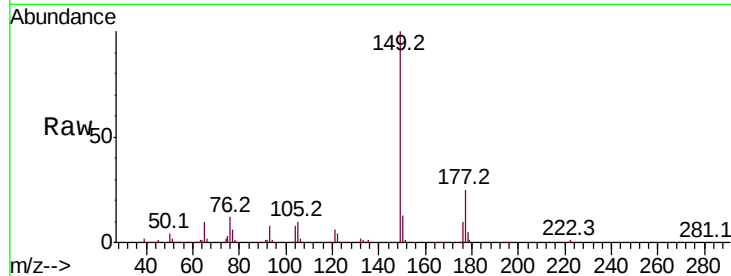
#59  
Diethylphthalate  
Concen: 44.912 ng  
RT: 15.47 min Scan# 2073  
Delta R.T. 0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 18.5  | 27.7  |
| 150     | 12.9  | 10.2  | 15.2  |

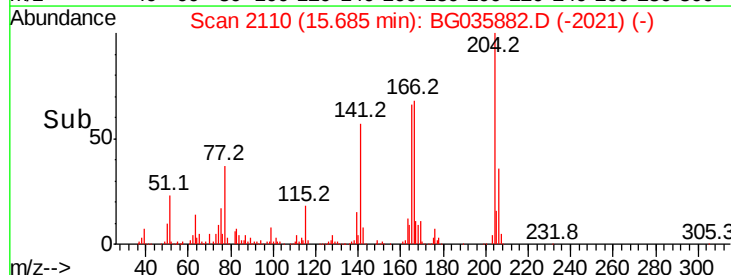
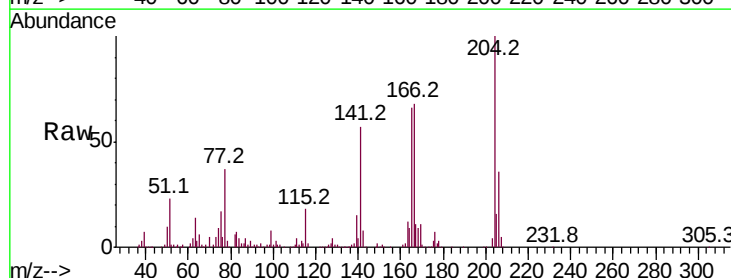
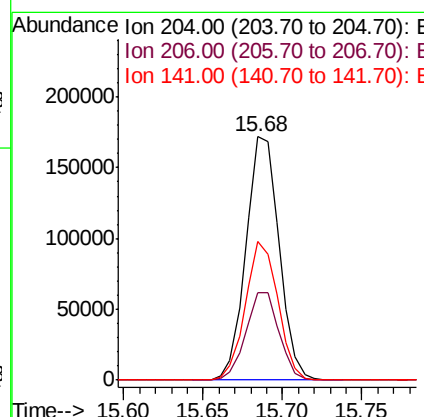
Manual Integrations  
APPROVED

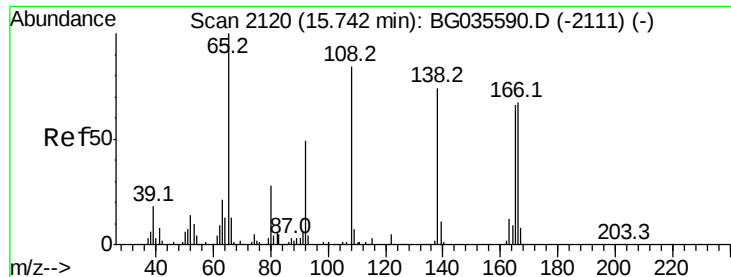
Sohil  
7/26/2018 4:59:39 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 45.889 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.1  | 26.2  | 39.2  |
| 141     | 56.9  | 45.8  | 68.6  |





#61

4-Nitroaniline

Concen: 47.268 ng

RT: 15.73 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

ClientSampleId :

TP-11-DMSD

Tot Ion:138 Resp: 99448

Ion Ratio Lower Upper

138 100

92 57.7 40.1 80.1

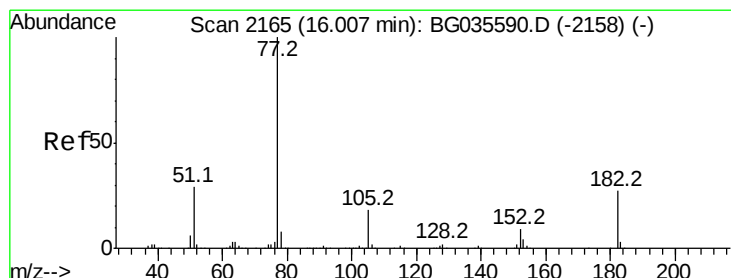
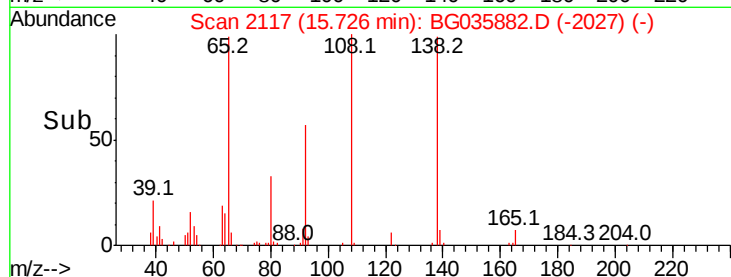
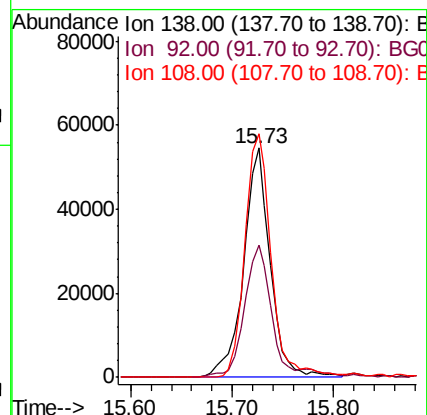
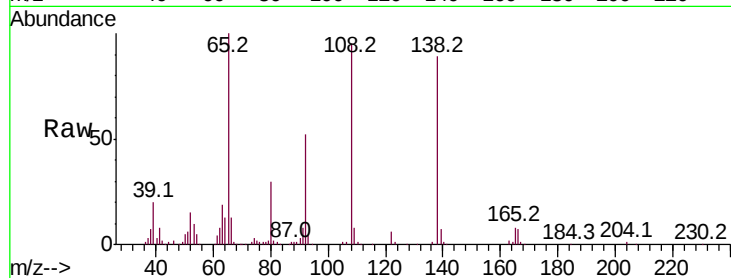
108 106.3 65.4 105.4#

Manual Integrations

APPROVED

Sohil

7/26/2018 4:59:39 PM



#62

Azobenzene

Concen: 44.800 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Tgt Ion: 77 Resp: 439100

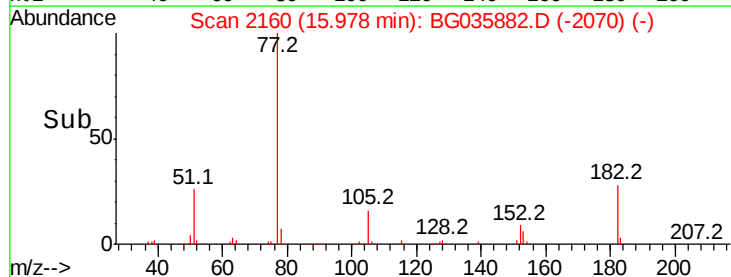
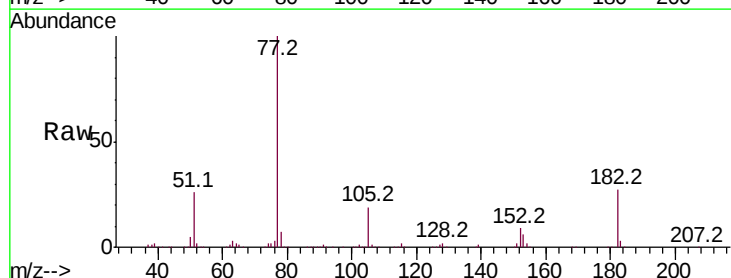
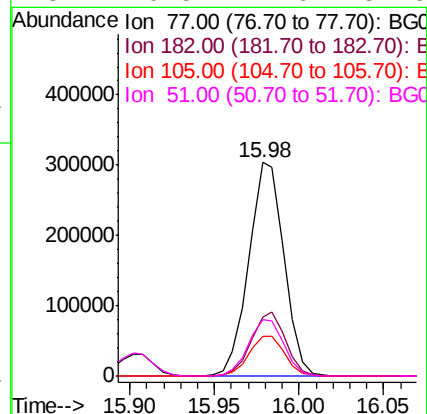
Ion Ratio Lower Upper

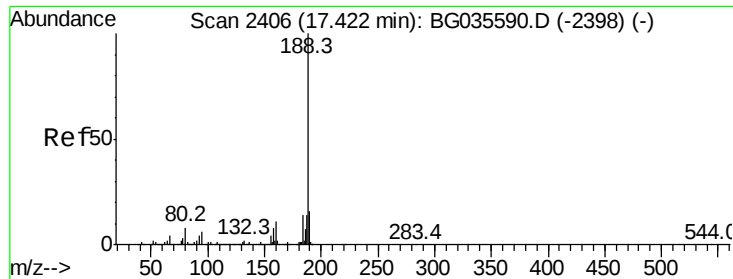
77 100

182 27.3 7.4 47.4

105 18.6 0.3 40.3

51 26.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

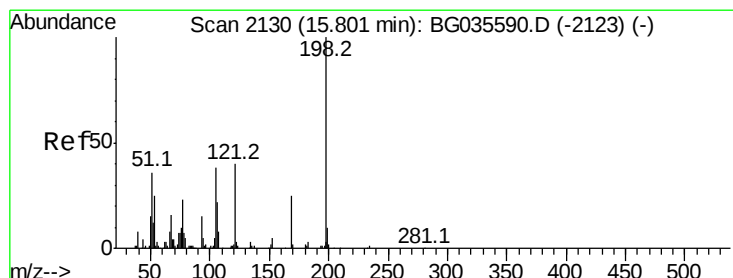
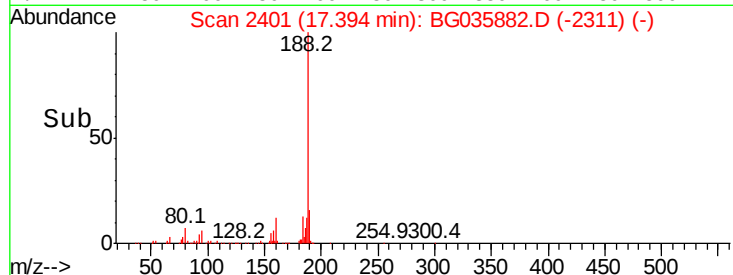
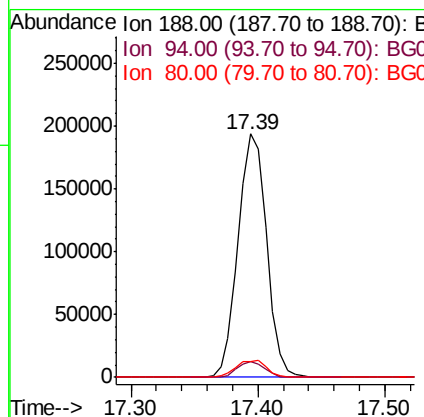
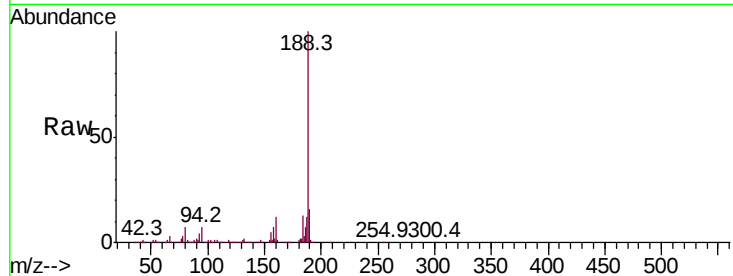
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 302066 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.7   | 6.9   | 10.3#  |
| 80        | 6.6   | 7.7   | 11.5#  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 52.264 ng

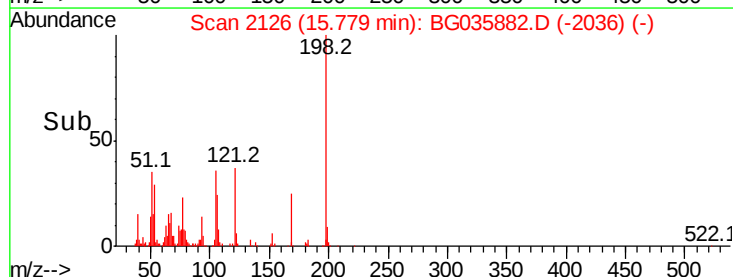
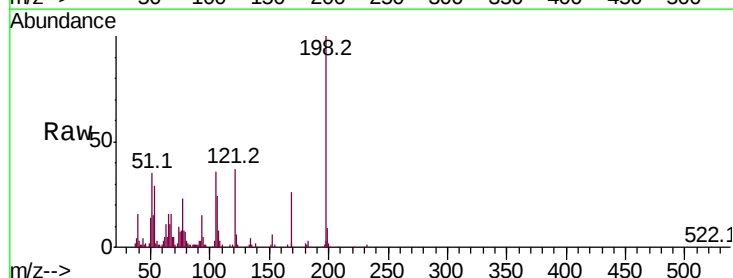
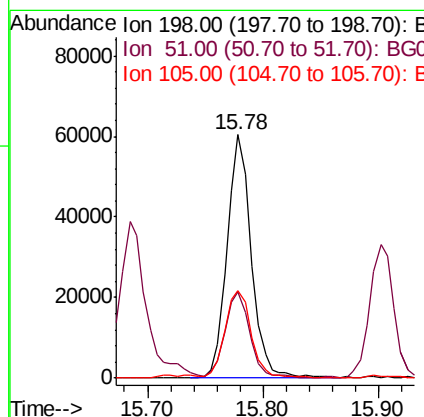
RT: 15.78 min Scan# 2126

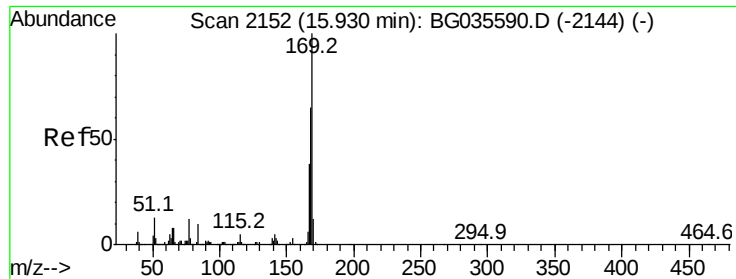
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 87882 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 35.1  | 30.6  | 70.6  |
| 105       | 35.9  | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 45.299 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

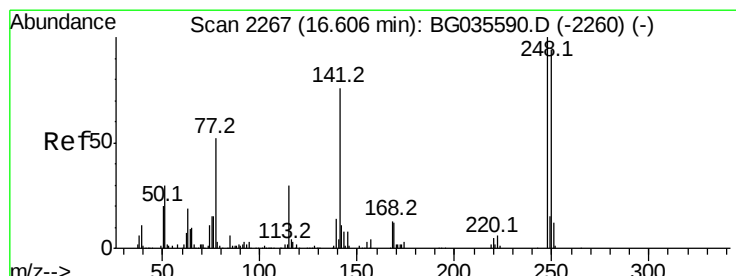
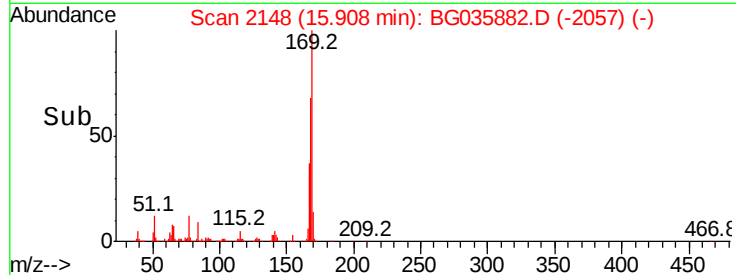
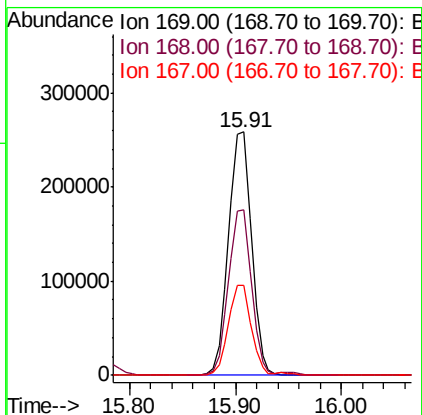
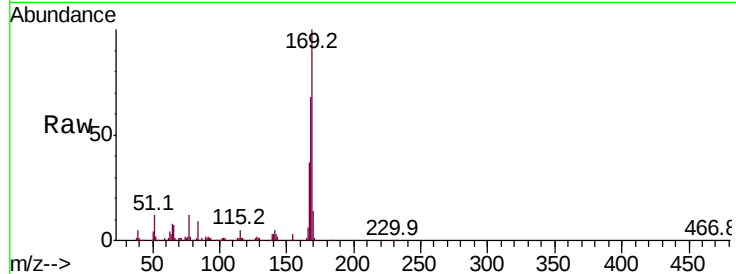
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 389478 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.1  | 55.7  | 83.5   |
| 167       | 36.7  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#66

4-Bromophenyl-phenylether

Concen: 49.053 ng

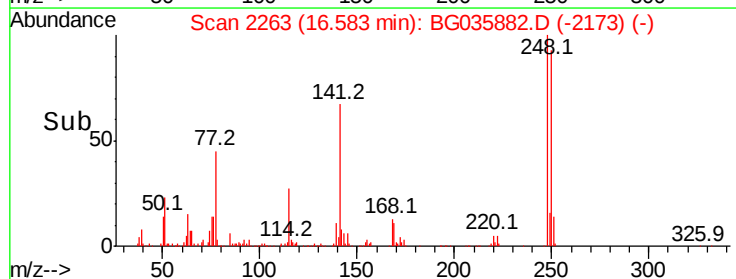
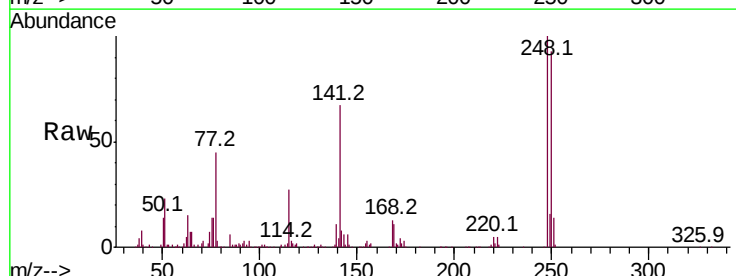
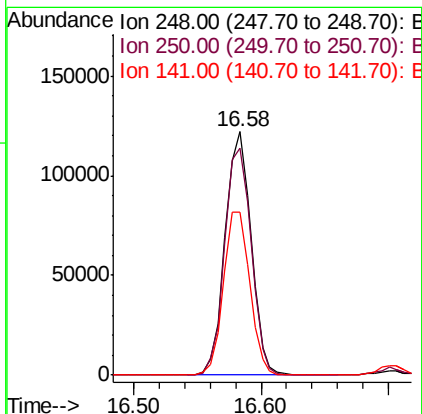
RT: 16.58 min Scan# 2263

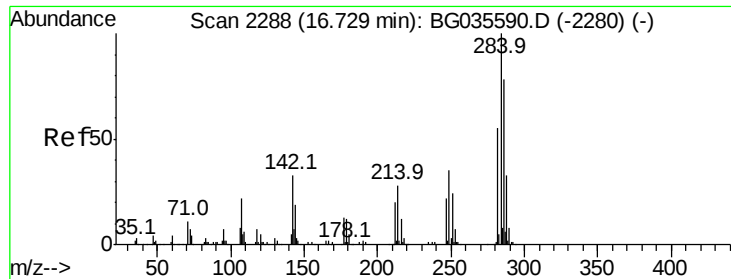
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 171904 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 93.0  | 77.1  | 115.7  |
| 141       | 66.9  | 50.8  | 76.2   |





#67

Hexachlorobenzene

Concen: 48.622 ng

RT: 16.70 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

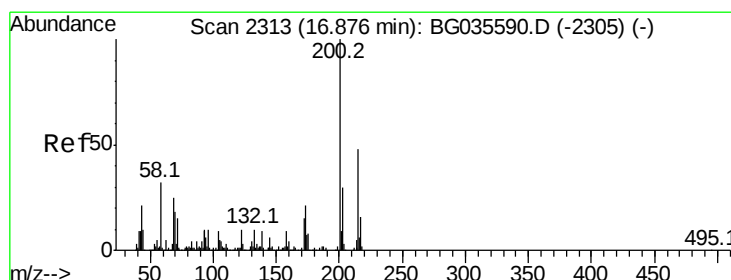
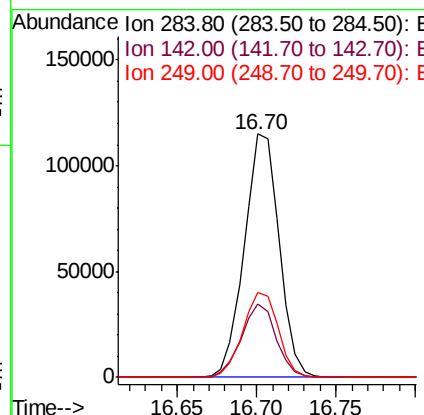
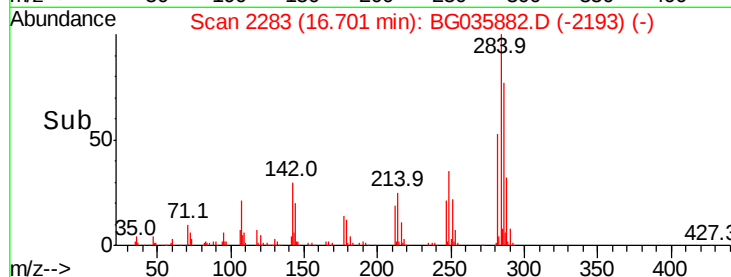
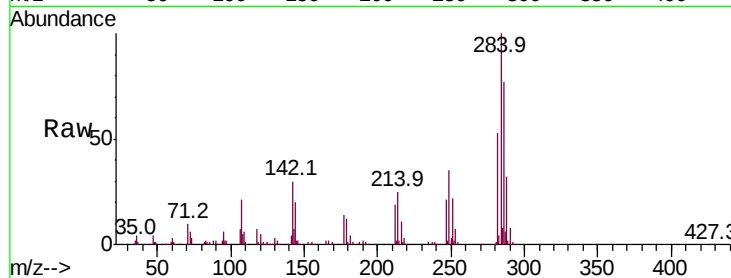
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 175473 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.1  | 26.8  | 40.2   |
| 249       | 34.7  | 26.3  | 39.5   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#68

Atrazine

Concen: 50.479 ng

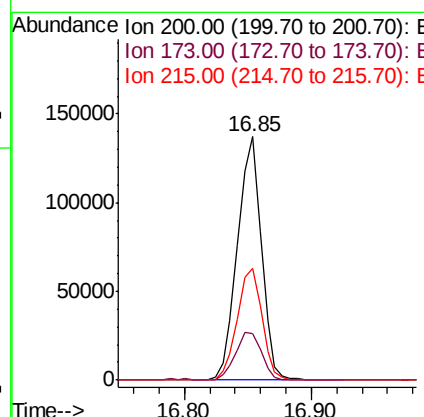
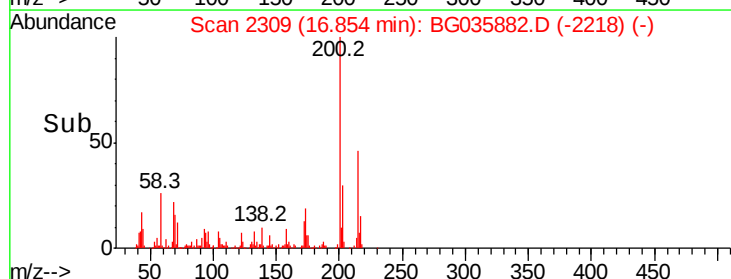
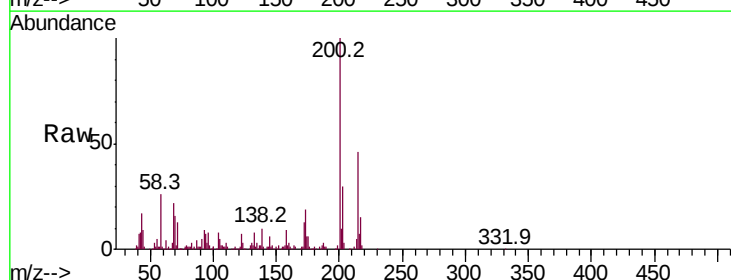
RT: 16.85 min Scan# 2309

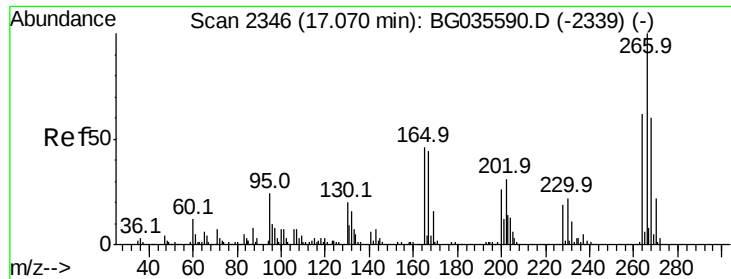
Delta R.T. 0.01 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 178696 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 19.0  | 5.2   | 45.2   |
| 215       | 46.1  | 30.4  | 70.4   |





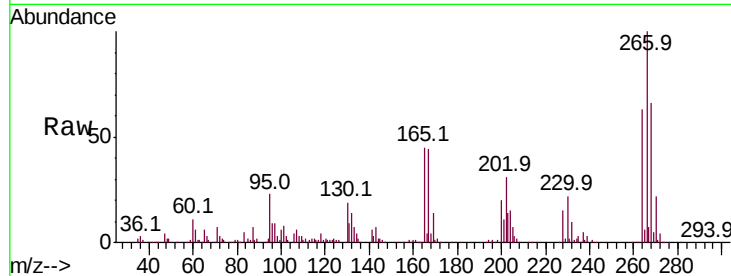
#69  
 Pentachlorophenol  
 Concen: 79.192 ng  
 RT: 17.05 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

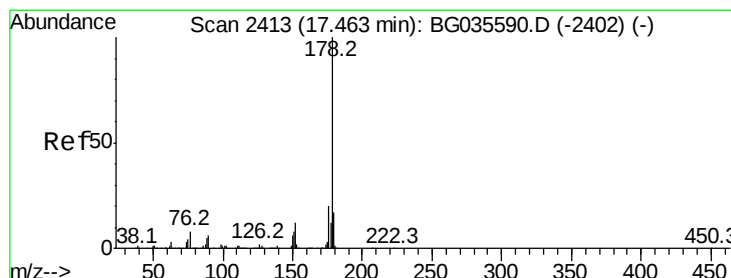
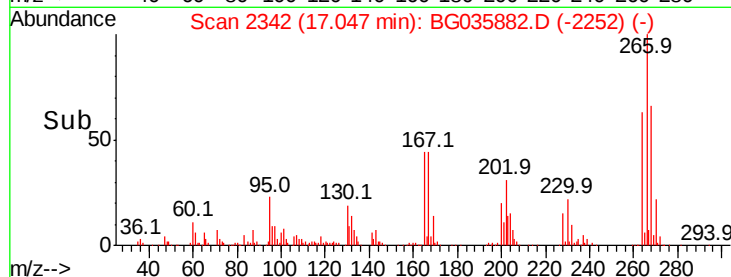
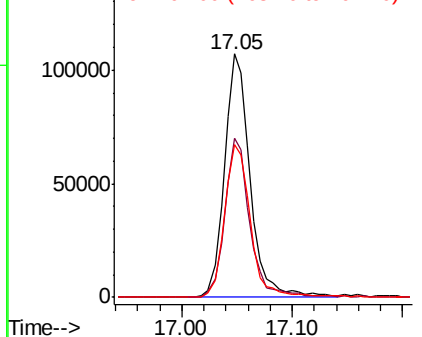
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 266   | Resp: | 174079 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.6  | 51.1  | 76.7   |
| 264       | 62.9  | 49.6  | 74.4   |

Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 4:59:39 PM

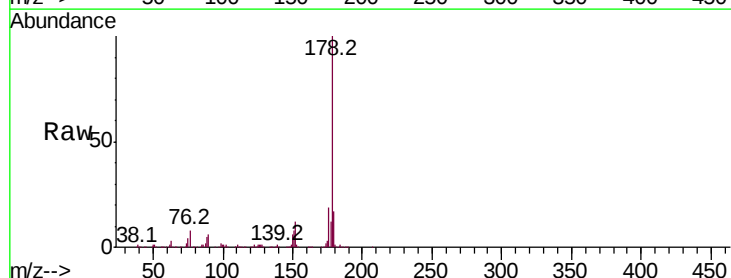


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

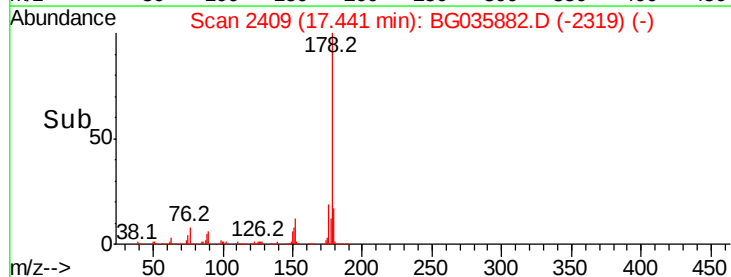
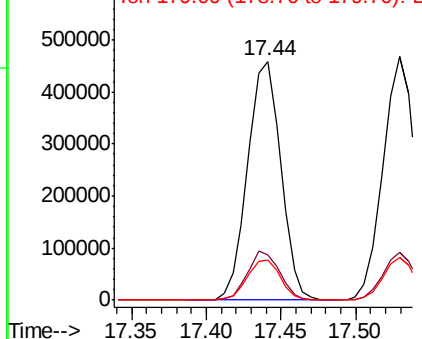


#70  
 Phenanthrene  
 Concen: 46.831 ng  
 RT: 17.44 min Scan# 2409  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 705869 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.1  | 15.7  | 23.5   |
| 179       | 16.7  | 12.5  | 18.7   |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





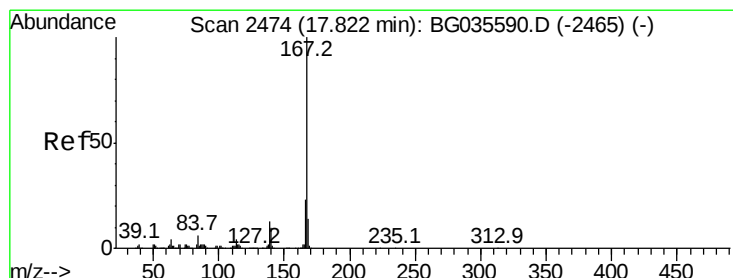
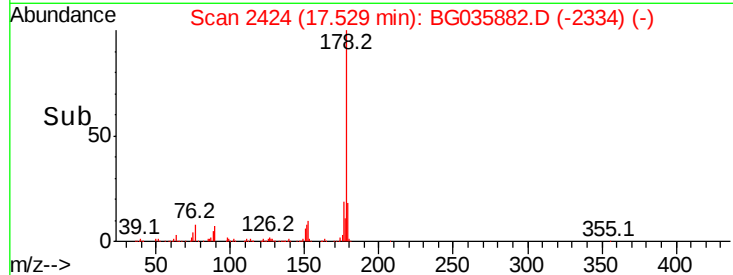
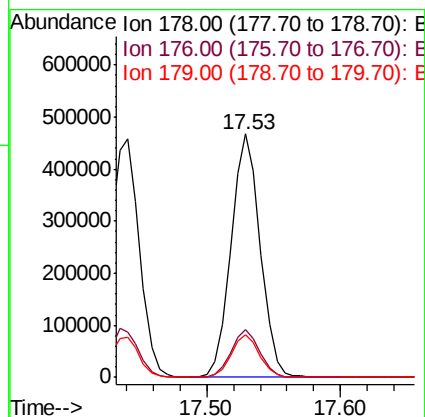
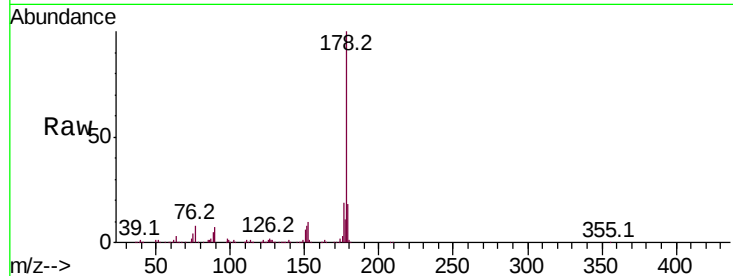
#71  
 Anthracene  
 Concen: 47.172 ng  
 RT: 17.53 min Scan# 2424  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 16.0  | 24.0  |
| 179     | 17.6  | 12.5  | 18.7  |

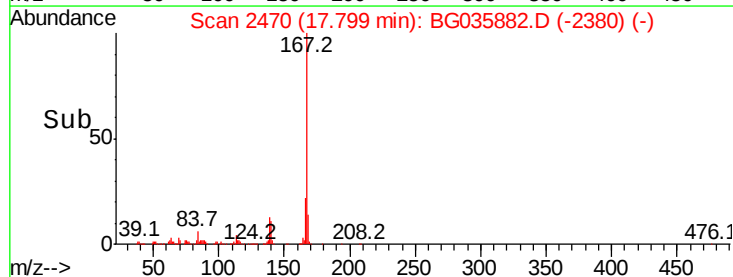
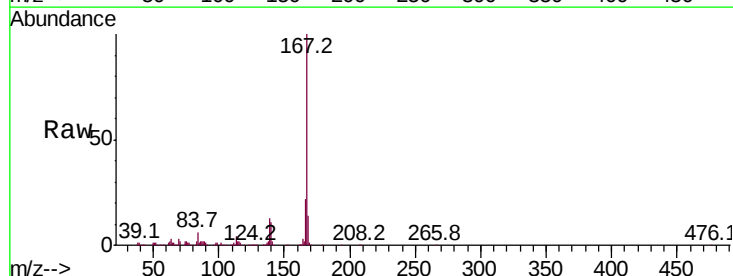
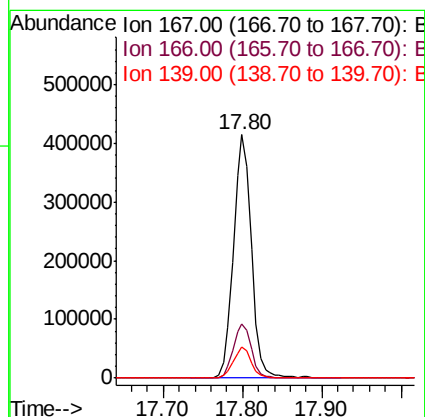
Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 4:59:39 PM



#72  
 Carbazole  
 Concen: 45.500 ng  
 RT: 17.80 min Scan# 2470  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.2  | 27.4  |
| 139     | 12.9  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 43.647 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

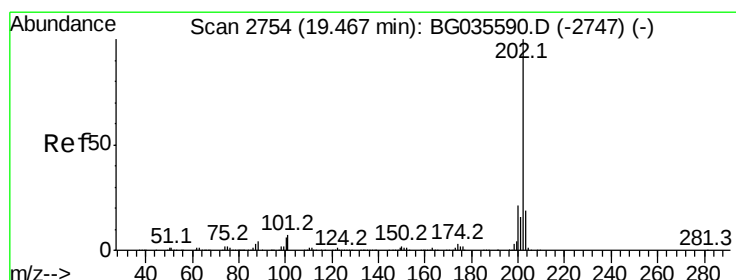
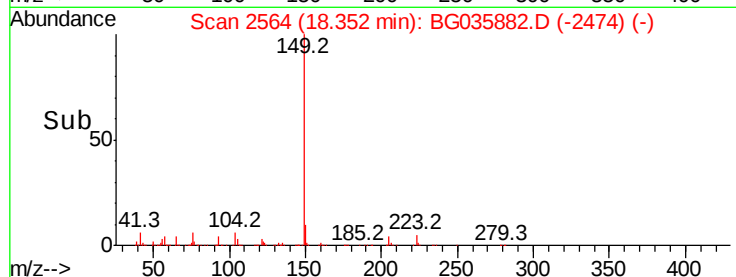
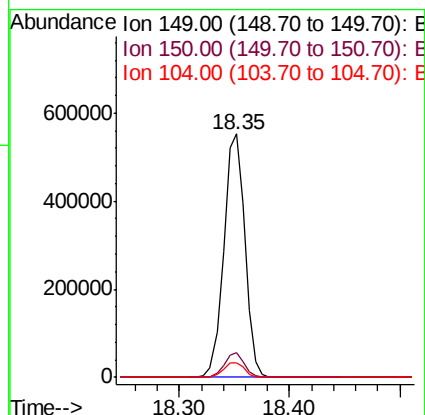
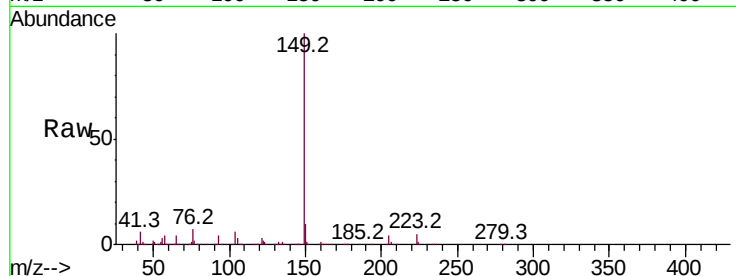
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 735157 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.0  | 7.8   | 11.6   |
| 104       | 6.0   | 3.9   | 5.9    |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#74

Fluoranthene

Concen: 44.809 ng

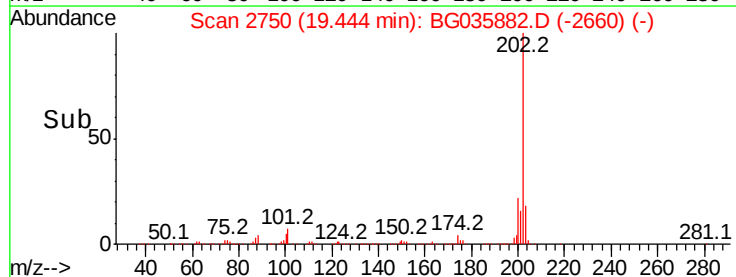
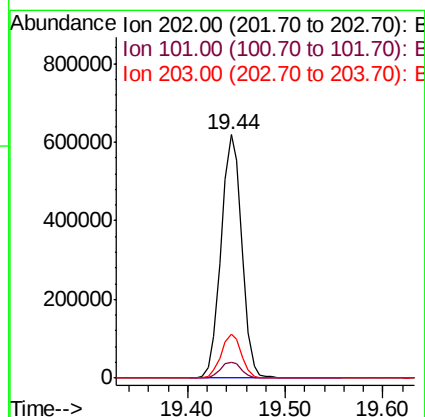
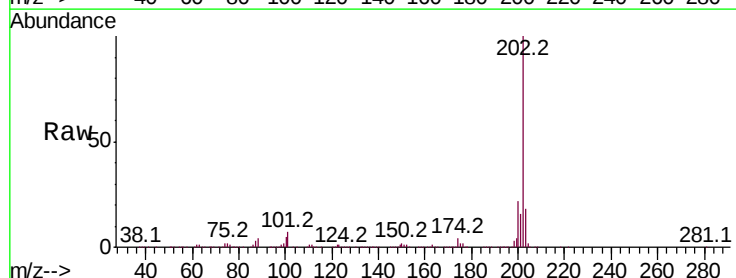
RT: 19.44 min Scan# 2750

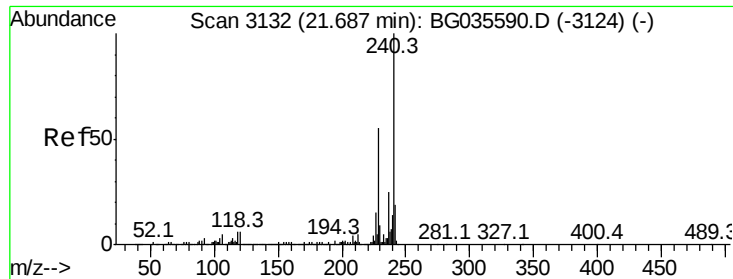
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 909739 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.6   | 0.0   | 28.9   |
| 203       | 18.3  | 0.0   | 37.5   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

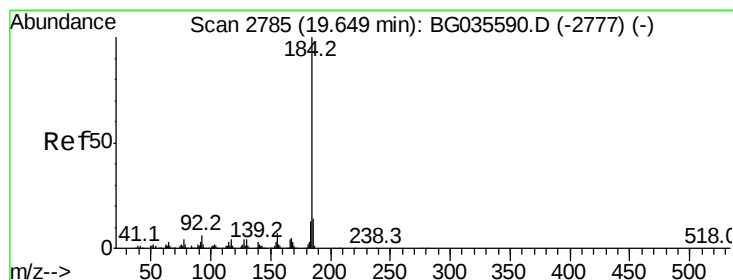
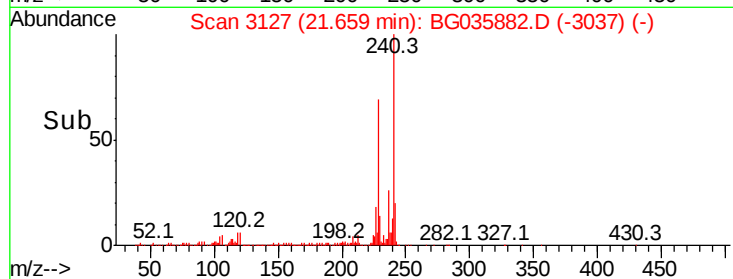
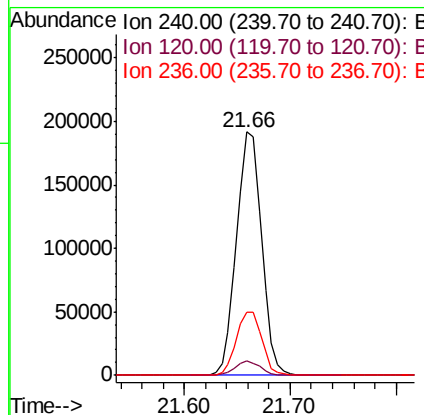
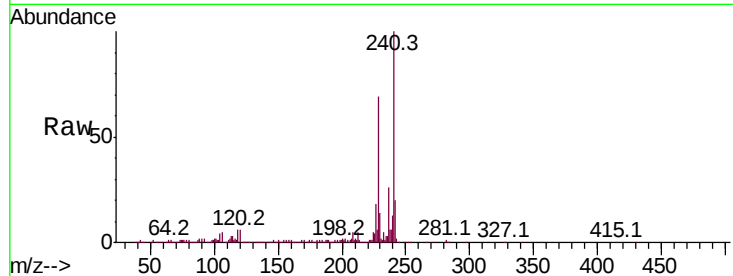
ClientSampleId :

TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.8   | 6.8   | 10.2# |
| 236     | 25.7  | 20.9  | 31.3  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#76

Benzidine

Concen: 24.808 ng

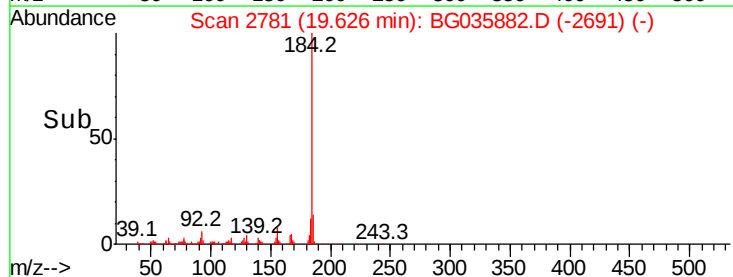
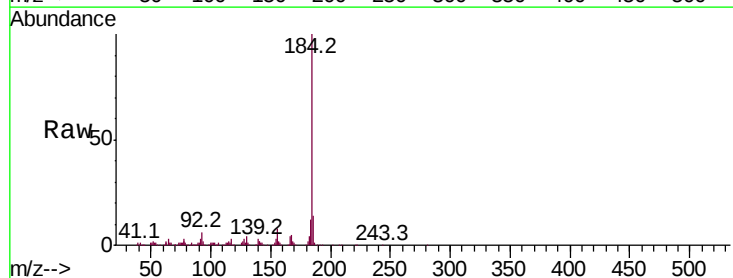
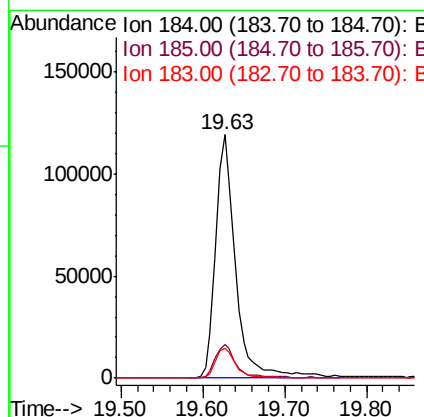
RT: 19.63 min Scan# 2781

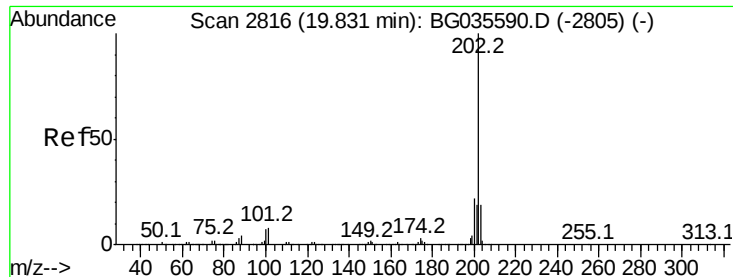
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.0  | 11.1  | 16.7  |
| 183     | 12.1  | 10.6  | 16.0  |





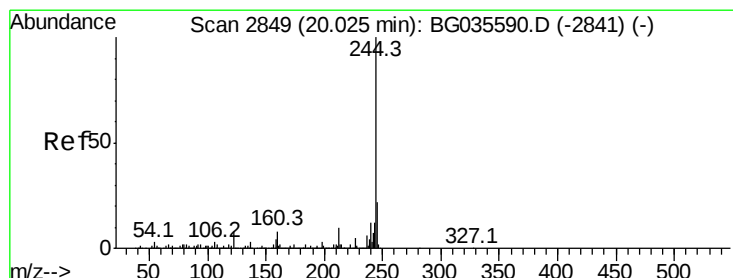
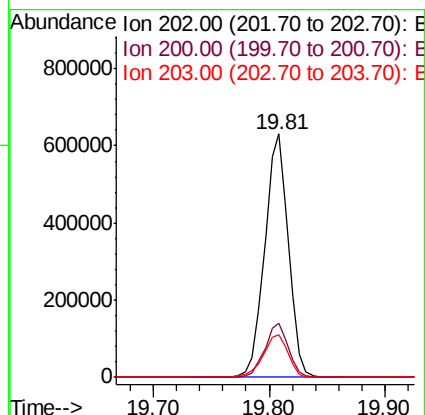
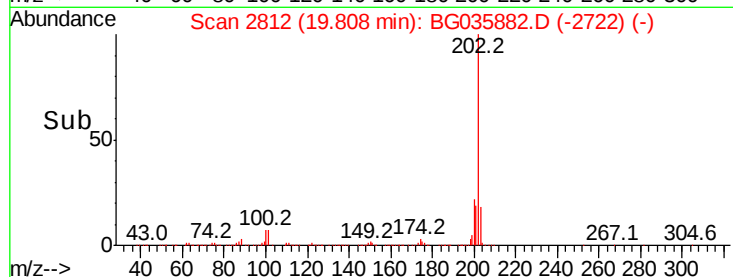
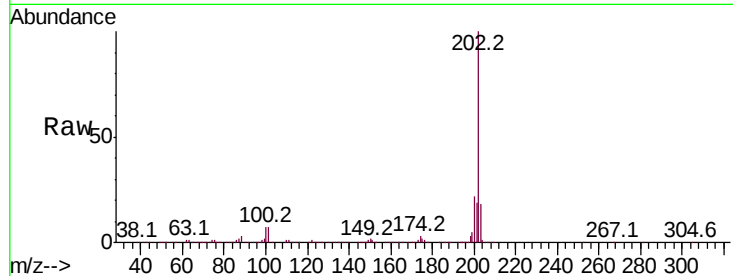
#77  
Pvrene  
Concen: 45.341 ng  
RT: 19.81 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 202     | 100  |       |      |       |       |
| 200     | 22.2 | 16.9  | 25.3 |       |       |
| 203     | 17.8 | 13.9  | 20.9 |       |       |

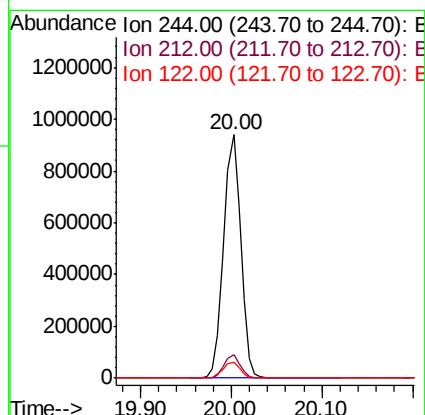
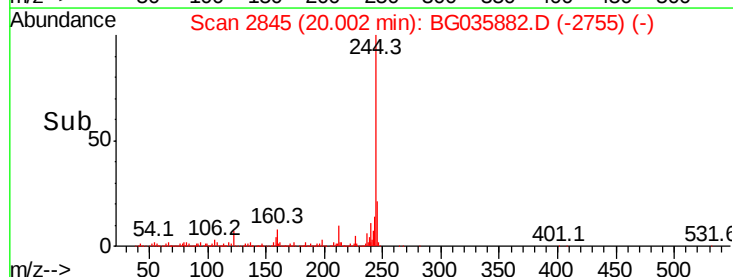
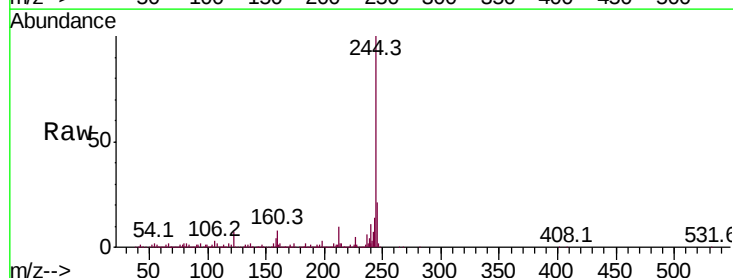
Manual Integrations  
APPROVED

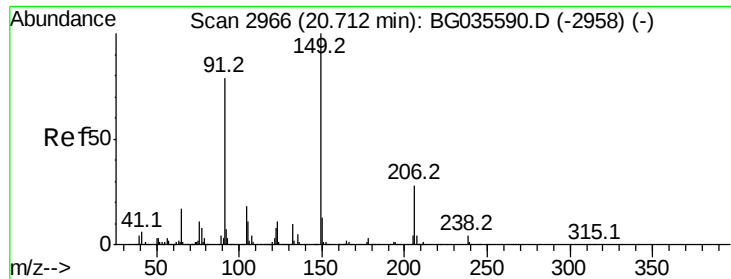
Sohil  
7/26/2018 4:59:39 PM



#78  
Terphenyl-d14  
Concen: 85.876 ng  
RT: 20.00 min Scan# 2845  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 244     | 100 |       |       |       |       |
| 212     | 9.5 | 5.8   | 8.8#  |       |       |
| 122     | 6.7 | 7.0   | 10.4# |       |       |





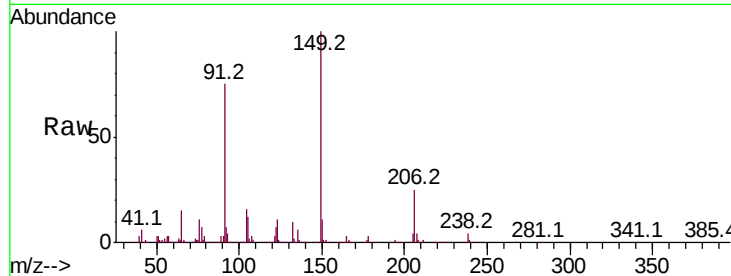
#79  
Butylbenzylphthalate  
Concen: 48.289 ng  
RT: 20.68 min Scan# 2961  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

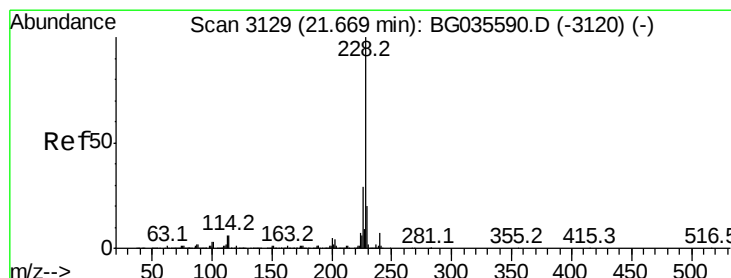
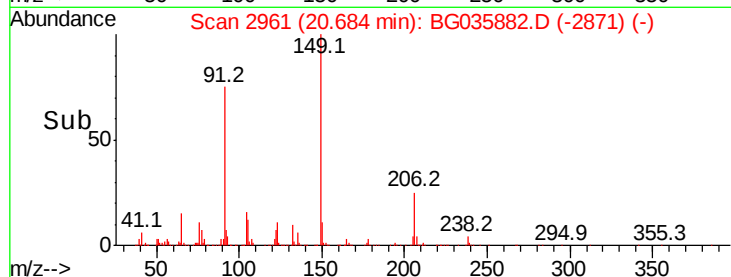
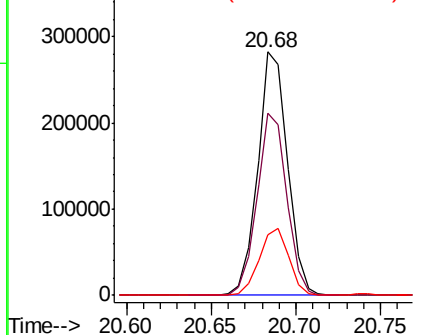
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.6  | 62.2  | 93.2  |
| 206     | 25.1  | 18.6  | 27.8  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



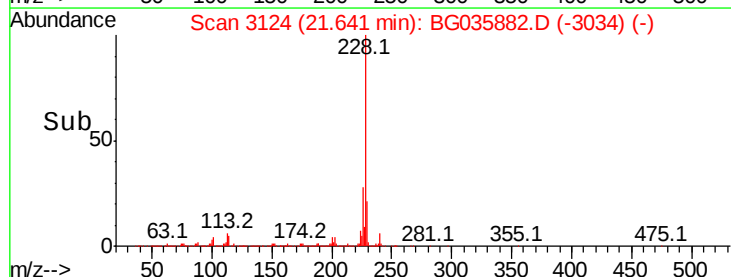
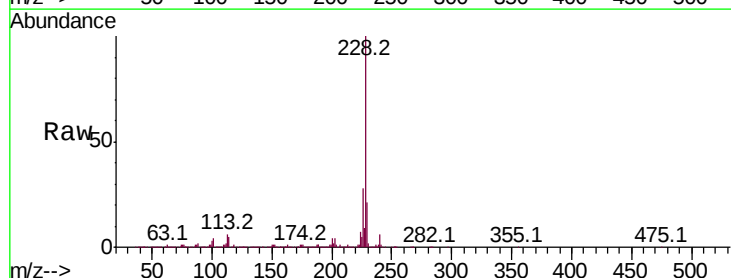
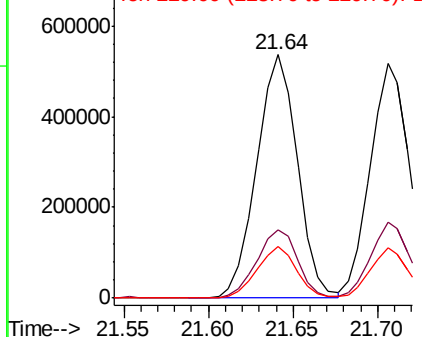
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

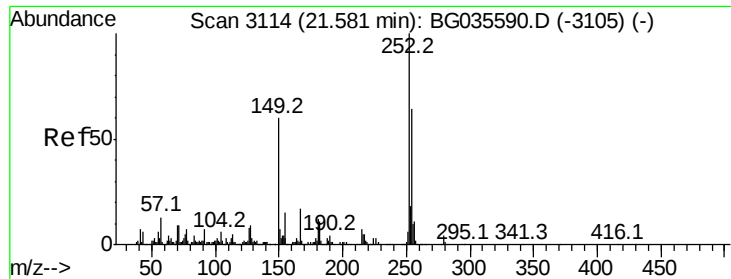


#80  
Benzo(a)anthracene  
Concen: 45.837 ng  
RT: 21.64 min Scan# 3124  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.2  | 22.7  | 34.1  |
| 229     | 21.3  | 16.2  | 24.2  |

Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





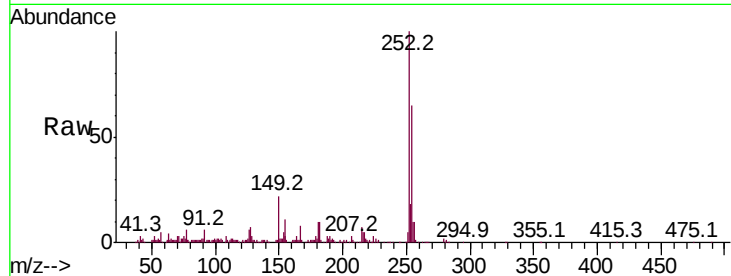
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.561 ng  
 RT: 21.56 min Scan# 3110  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-11-DMSD

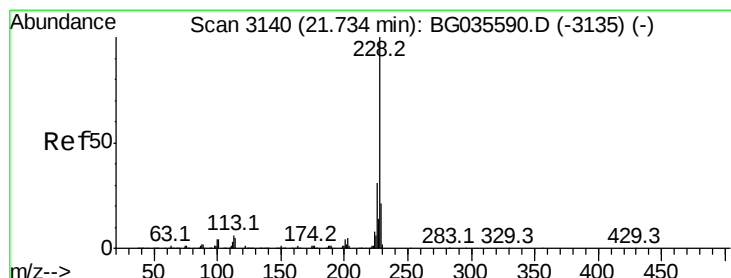
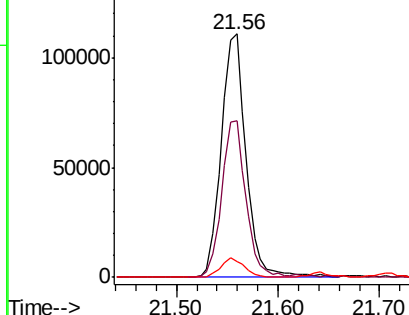
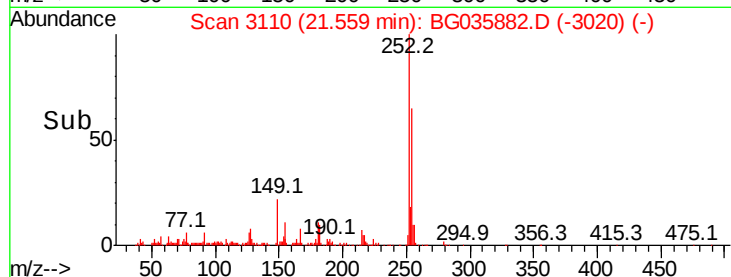
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 50.8  | 76.2  |
| 126     | 6.3   | 7.4   | 11.2# |

Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 4:59:39 PM

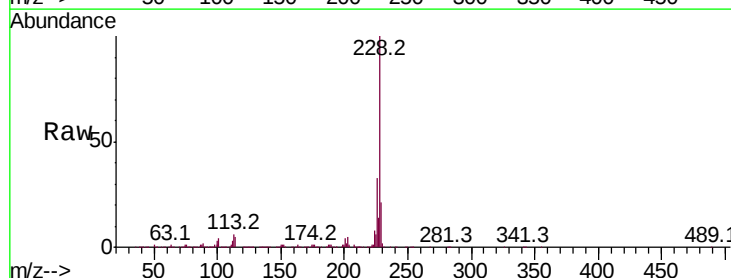


Abundance Ion 252.00 (251.70 to 252.70): E  
 150000 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

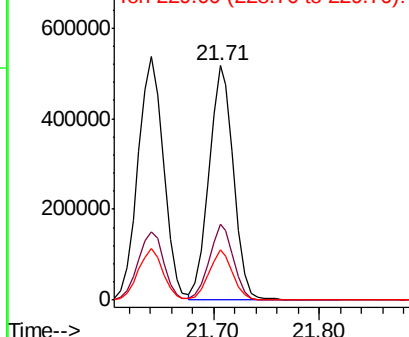
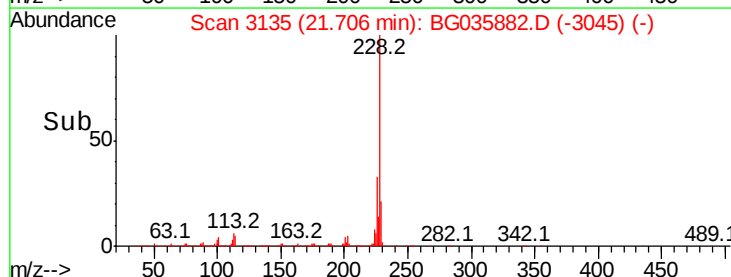


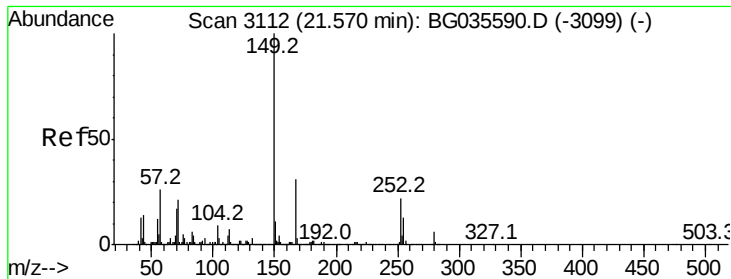
#82  
 Chrysene  
 Concen: 45.867 ng  
 RT: 21.71 min Scan# 3135  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.6  | 24.9  | 37.3  |
| 229     | 21.3  | 15.0  | 22.4  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





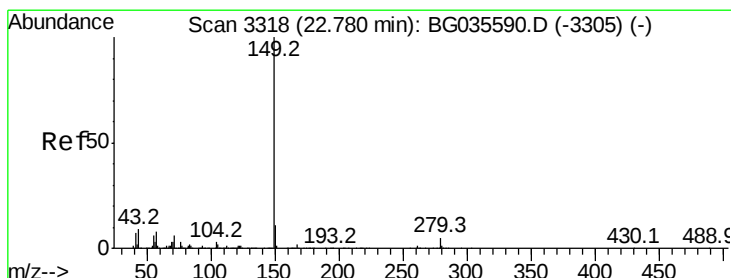
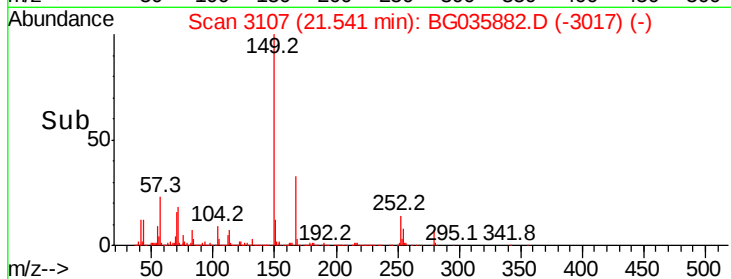
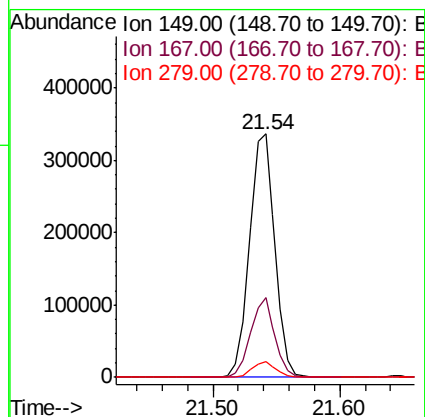
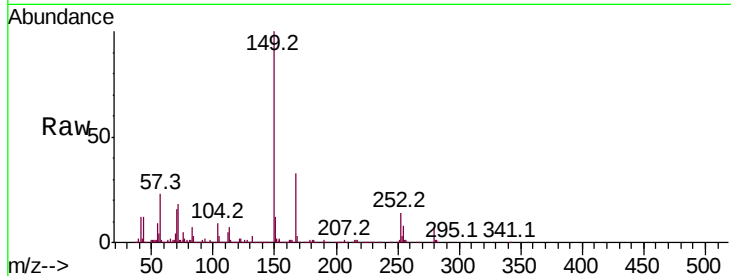
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.106 ng  
 RT: 21.54 min Scan# 3107  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 32.7  | 24.3  | 36.5  |
| 279     | 6.5   | 4.0   | 6.0   |

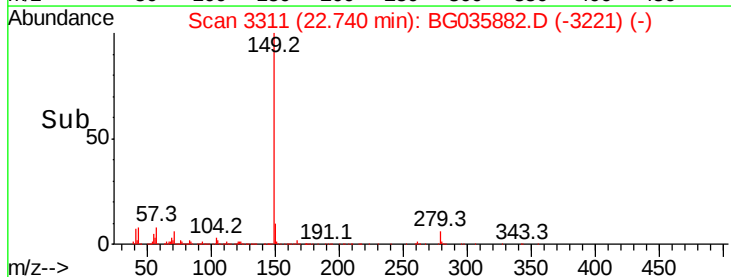
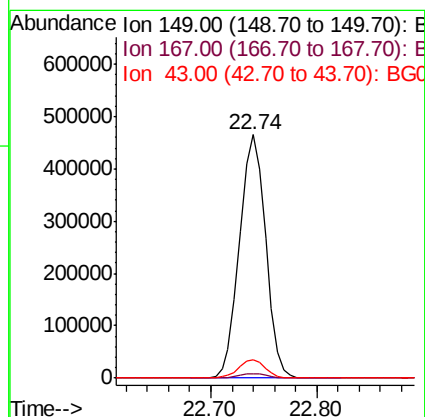
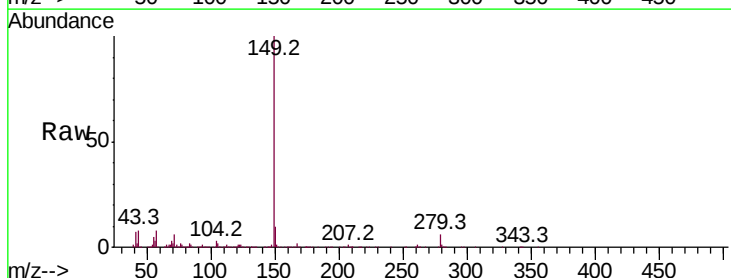
Manual Integrations  
 APPROVED

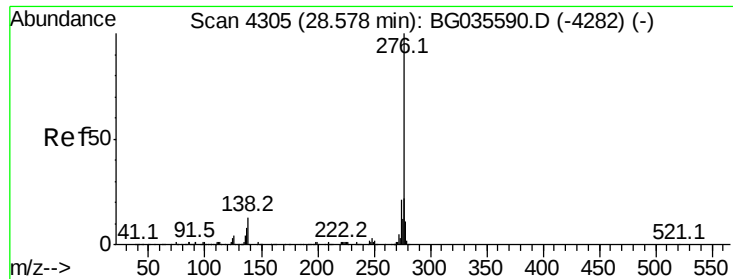
Sohil  
 7/26/2018 4:59:39 PM



#84  
 Di-n-octyl phthalate  
 Concen: 48.983 ng  
 RT: 22.74 min Scan# 3311  
 Delta R.T. 0.00 min  
 Lab File: BG035882.D  
 Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.0   |
| 43      | 7.6   | 8.9   | 13.3  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.067 ng

RT: 28.50 min Scan# 4292

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

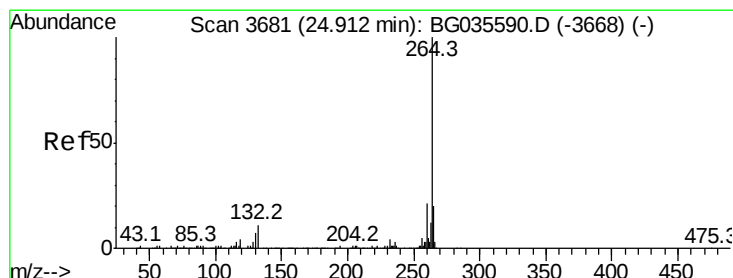
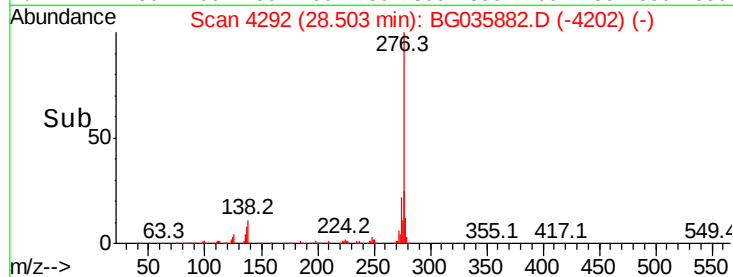
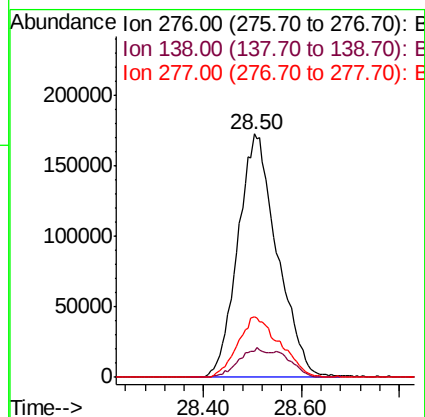
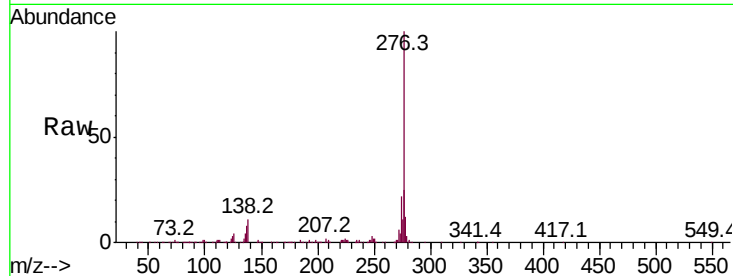
ClientSampleId :

TP-11-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 968042 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 8.6   | 16.0  | 24.0#  |
| 277       | 26.4  | 20.0  | 30.0   |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM



#86

Perylene-d12

Concen: 20.000 ng

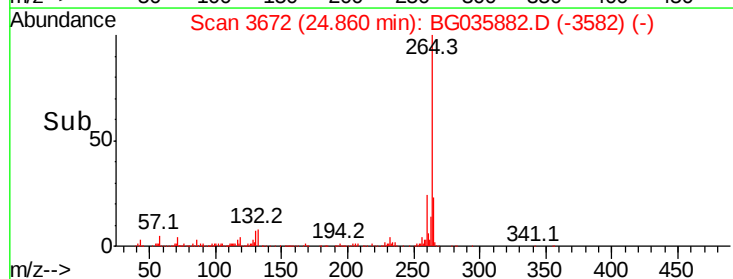
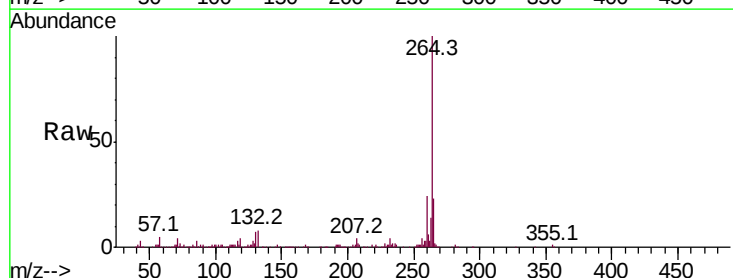
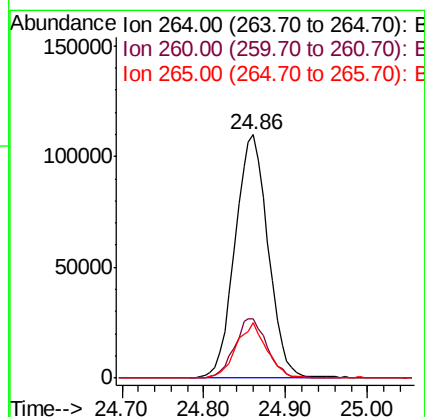
RT: 24.86 min Scan# 3672

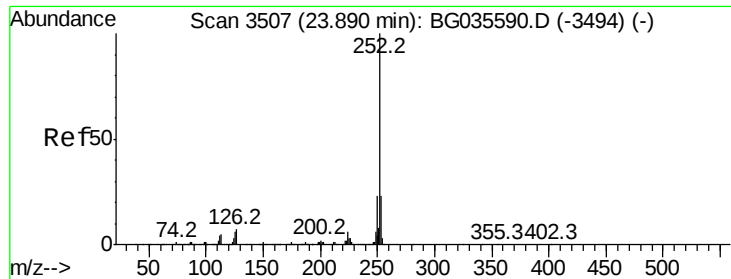
Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 308675 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.3  | 17.4  | 26.0   |
| 265       | 22.9  | 17.7  | 26.5   |





#87

Benzo(b)fluoranthene

Concen: 47.124 ng

RT: 23.84 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

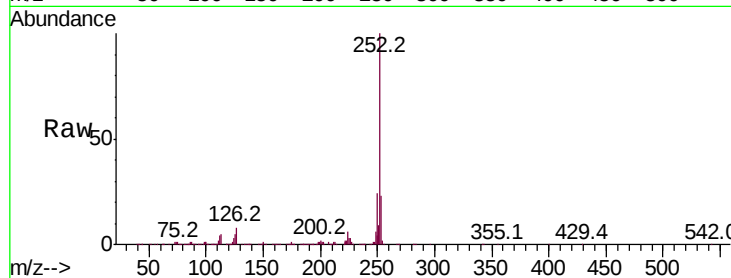
ClientSampleId :

TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 5.5   | 7.2   | 10.8  |

Manual Integrations  
APPROVED

Sohil  
7/26/2018 4:59:39 PM

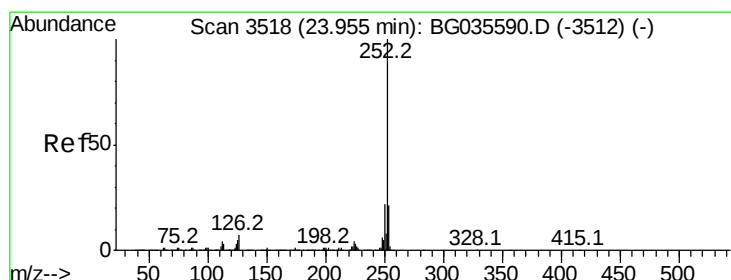
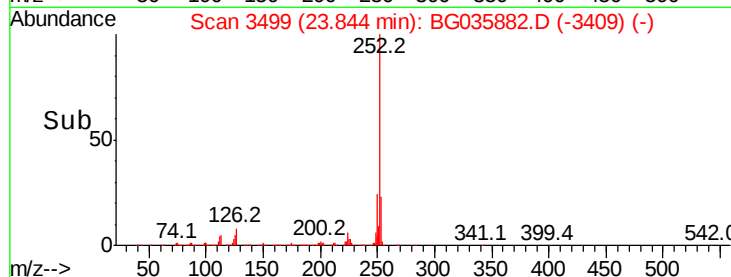
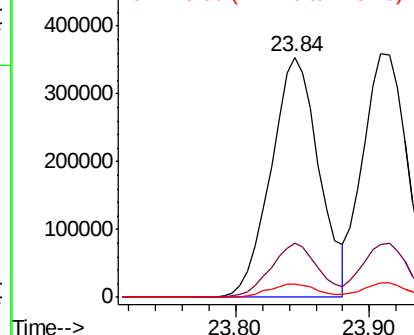


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.161 ng

RT: 23.91 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

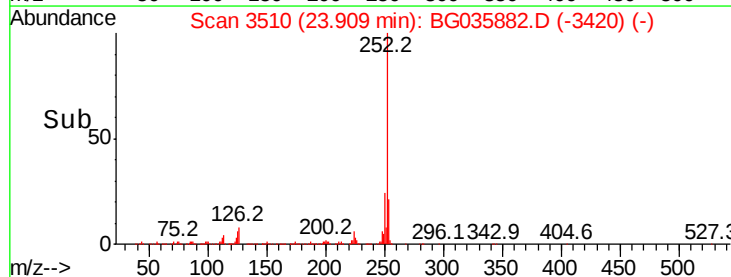
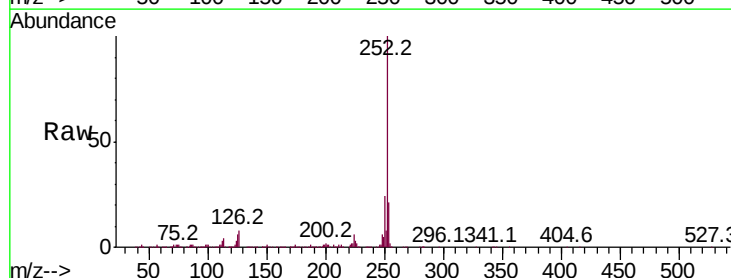
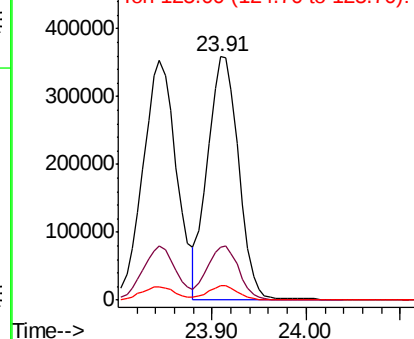
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.4  | 26.2  |
| 125     | 5.8   | 6.6   | 9.8   |

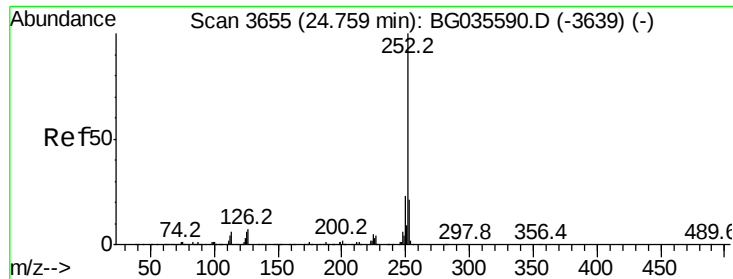
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





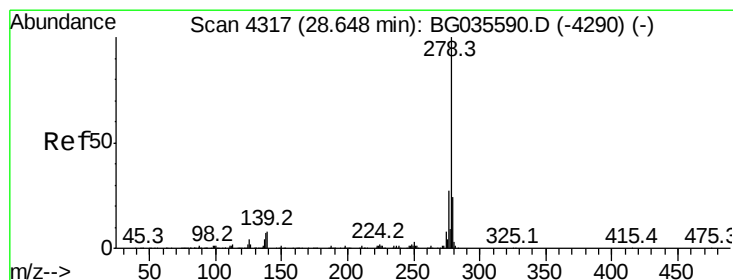
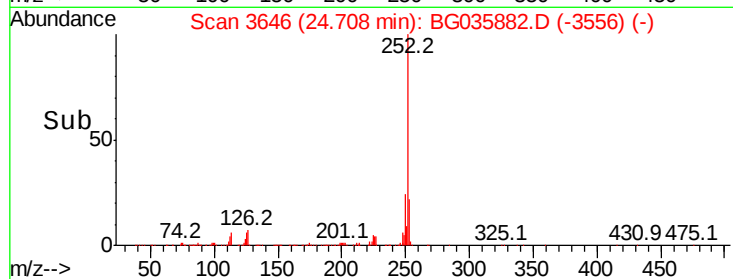
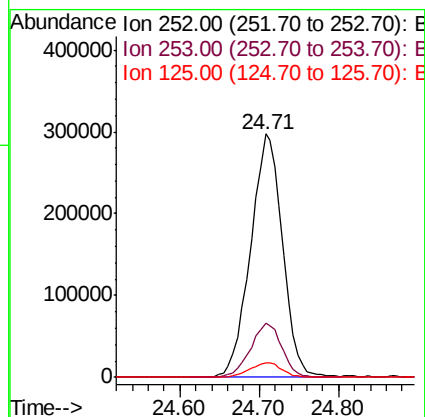
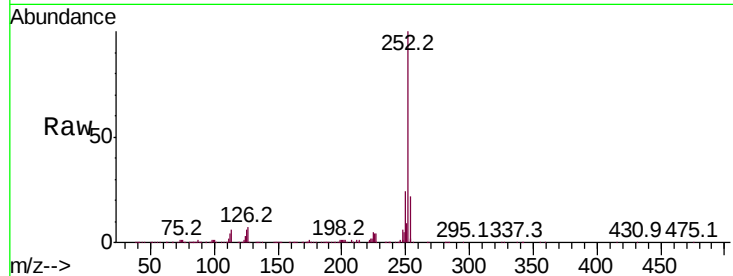
#89  
Benzo(a)pyrene  
Concen: 47.691 ng  
RT: 24.71 min Scan# 3646  
Delta R.T. 0.00 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP-11-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.3  | 27.5  |
| 125     | 5.9   | 7.3   | 10.9  |

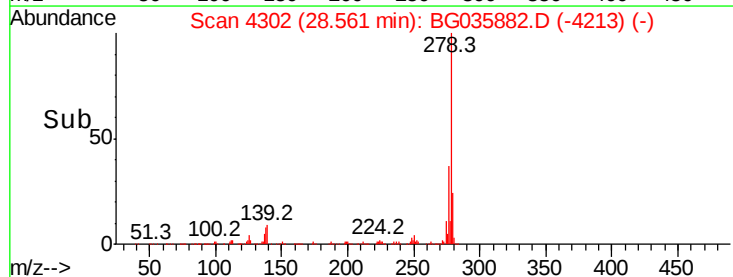
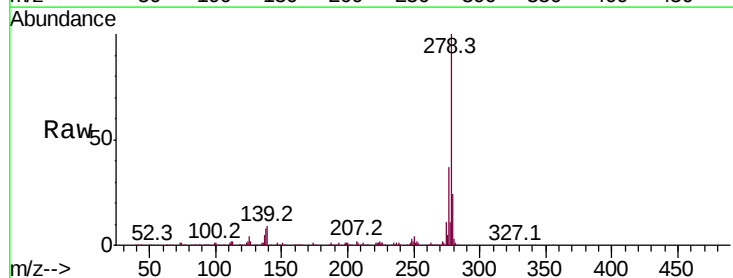
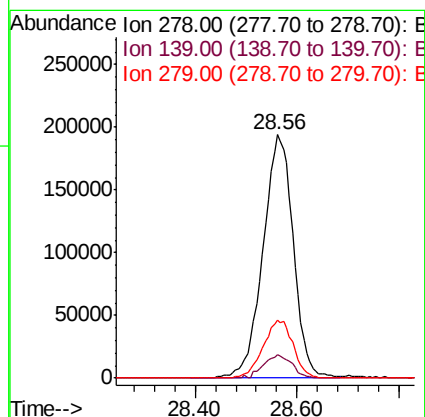
Manual Integrations  
APPROVED

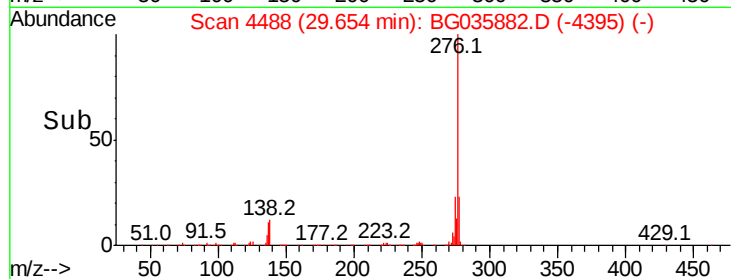
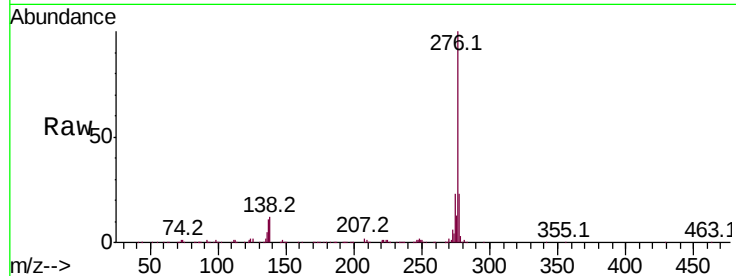
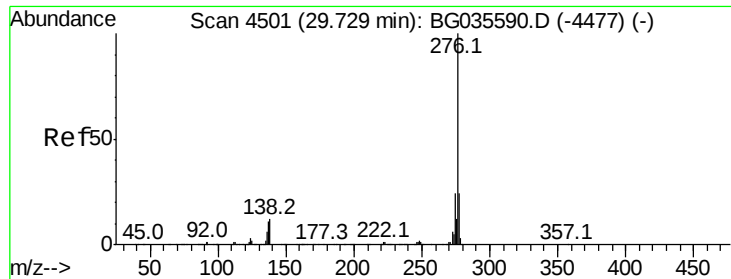
Sohil  
7/26/2018 4:59:39 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 47.138 ng  
RT: 28.56 min Scan# 4302  
Delta R.T. -0.01 min  
Lab File: BG035882.D  
Acq: 25 Jul 2018 20:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.4   | 9.8   | 14.6  |
| 279     | 23.8  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 47.829 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.02 min

Lab File: BG035882.D

Acq: 25 Jul 2018 20:26

Instrument :

BNA\_G

ClientSampleId :

TP-11-DMSD

Tot Ion: 276 Resp: 801989

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 12.5 13.9 20.9#

Manual Integrations

APPROVED

Sohil

7/26/2018 4:59:39 PM

