

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\  
 Data File : BG031286.D  
 Acq On : 30 Nov 2017 00:45  
 Operator : SJ/JU  
 Sample : I6602-03MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

Manual Integrations  
 APPROVED

Sohil  
 11/30/2017 9:16:48 AM

Quant Time: Nov 30 04:39:56 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 69901    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.94 | 136  | 293924   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.75 | 164  | 195506   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.49 | 188  | 484907   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.76 | 240  | 509284   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.06 | 264  | 509035   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 585093  | 143.53 | ng | -0.02 |
| 7) Phenol-d6             | 7.30  | 99  | 695787  | 126.69 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 477781  | 96.32  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 383360  | 121.21 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.38 | 172 | 1343540 | 98.74  | ng | -0.02 |
| 78) Terphenyl-d14        | 20.08 | 244 | 2192390 | 95.05  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 72113   | 43.592 | ng | # 85   |
| 3) Pyridine                    | 3.97  | 79  | 158061  | 32.912 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.87  | 42  | 94078   | 41.333 | ng | # 84   |
| 6) Aniline                     | 7.45  | 93  | 73010   | 10.102 | ng | 92     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 223962  | 49.785 | ng | 89     |
| 9) Benzaldehyde                | 7.27  | 77  | 113355  | 29.496 | ng | 85     |
| 10) Phenol                     | 7.33  | 94  | 253209  | 44.397 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 214442  | 47.091 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 8.02  | 146 | 254846m | 48.285 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.17  | 146 | 259123  | 48.448 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.49  | 146 | 244460  | 47.620 | ng | 97     |
| 15) Benzyl Alcohol             | 8.37  | 79  | 193177  | 43.853 | ng | 86     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 308559  | 61.344 | ng | 91     |
| 17) 2-Methylphenol             | 8.58  | 107 | 192333  | 48.428 | ng | 96     |
| 18) Hexachloroethane           | 9.21  | 117 | 89659   | 48.165 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.94  | 70  | 171034  | 40.960 | ng | # 94   |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 264110  | 46.767 | ng | 97     |
| 22) Acetophenone               | 8.95  | 105 | 326679  | 44.638 | ng | # 91   |
| 24) Nitrobenzene               | 9.34  | 77  | 251760  | 49.688 | ng | 91     |
| 25) Isophorone                 | 9.86  | 82  | 484773  | 50.112 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.05 | 139 | 136882  | 51.828 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 226308  | 57.718 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 304350  | 49.953 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 255453  | 54.256 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 280558  | 49.910 | ng | 97     |
| 31) Naphthalene                | 10.99 | 128 | 707164  | 48.942 | ng | 99     |
| 32) Benzoic acid               | 10.25 | 122 | 19045m  | 10.805 | ng |        |
| 33) 4-Chloroaniline            | 11.12 | 127 | 14494   | 2.291  | ng | 95     |
| 34) Hexachlorobutadiene        | 11.27 | 225 | 180701  | 46.352 | ng | 96     |
| 35) Caprolactam                | 11.88 | 113 | 75004m  | 38.996 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 254749  | 49.713 | ng | # 83   |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 555647  | 49.815 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 335789  | 43.275 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.93 | 237 | 265012  | 90.700 | ng | 91     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\  
 Data File : BG031286.D  
 Acq On : 30 Nov 2017 00:45  
 Operator : SJ/JU  
 Sample : I6602-03MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

Manual Integrations  
 APPROVED

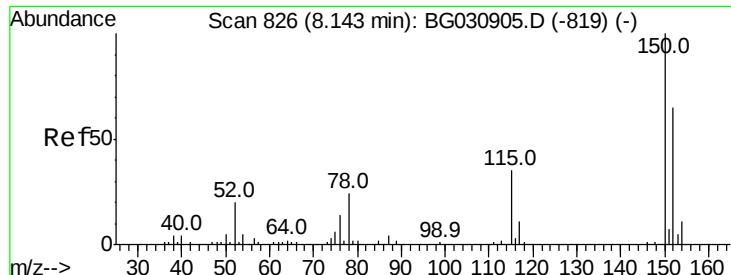
Sohil  
 11/30/2017 9:16:48 AM

Quant Time: Nov 30 04:39:56 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.20 | 196  | 234225   | 52.802 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.28 | 196  | 247209   | 50.935 | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 729540   | 45.000 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.64 | 162  | 604288   | 51.661 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.84 | 65   | 167174   | 48.219 | nq #  | 82       |
| 48) Acenaphthylene             | 14.48 | 152  | 916957   | 47.896 | nq    | 99       |
| 49) Dimethylphthalate          | 14.20 | 163  | 818976   | 48.448 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.32 | 165  | 186191   | 53.439 | nq #  | 76       |
| 51) Acenaphthene               | 14.82 | 154  | 577542   | 48.303 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.66 | 138  | 12053    | 3.258  | nq #  | 81       |
| 53) 2,4-Dinitrophenol          | 14.88 | 184  | 45781    | 27.998 | nq #  | 44       |
| 54) Dibenzofuran               | 15.15 | 168  | 947075   | 49.729 | nq    | 99       |
| 55) 4-Nitrophenol              | 14.98 | 139  | 219295   | 83.212 | nq #  | 78       |
| 56) 2,4-Dinitrotoluene         | 15.12 | 165  | 262429   | 52.100 | nq #  | 74       |
| 57) Fluorene                   | 15.79 | 166  | 758319   | 49.045 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 243827   | 52.712 | nq #  | 89       |
| 59) Diethylphthalate           | 15.55 | 149  | 801295   | 46.666 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 454727   | 48.696 | nq    | 90       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 166794   | 42.577 | nq    | 86       |
| 62) Azobenzene                 | 16.07 | 77   | 638770   | 48.778 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 62778    | 19.477 | nq #  | 73       |
| 65) n-Nitrosodiphenylamine     | 16.00 | 169  | 710609   | 48.361 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 300120   | 48.867 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.80 | 284  | 304049   | 46.593 | nq    | 95       |
| 68) Atrazine                   | 16.94 | 200  | 290595   | 47.932 | nq    | 97       |
| 69) Pentachlorophenol          | 17.15 | 266  | 204433   | 56.673 | nq    | 97       |
| 70) Phenanthrene               | 17.54 | 178  | 1255024  | 49.709 | nq    | 97       |
| 71) Anthracene                 | 17.63 | 178  | 1287034  | 50.875 | nq    | 98       |
| 72) Carbazole                  | 17.90 | 167  | 1161590  | 49.003 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.43 | 149  | 1326100  | 45.563 | nq    | 99       |
| 74) Fluoranthene               | 19.53 | 202  | 1556085  | 48.678 | nq    | 96       |
| 76) Benzidine                  | 19.71 | 184  | 116605   | 7.128  | nq    | 99       |
| 77) Pyrene                     | 19.89 | 202  | 1589328  | 52.591 | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.76 | 149  | 619352   | 51.400 | nq    | 85       |
| 80) Benzo(a)anthracene         | 21.74 | 228  | 1580963  | 49.976 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 142377   | 11.150 | nq    | 97       |
| 82) Chrysene                   | 21.81 | 228  | 1491968  | 50.984 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 871668   | 50.115 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.84 | 149  | 1484852  | 52.450 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 1777133  | 49.954 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 24.01 | 252  | 1571503  | 51.037 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 24.08 | 252  | 1579820  | 51.763 | nq    | 97       |
| 89) Benzo(a)pyrene             | 24.90 | 252  | 1549855  | 52.984 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.90 | 278  | 1482559  | 49.587 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.03 | 276  | 1485250  | 51.183 | nq    | 98       |

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





#1

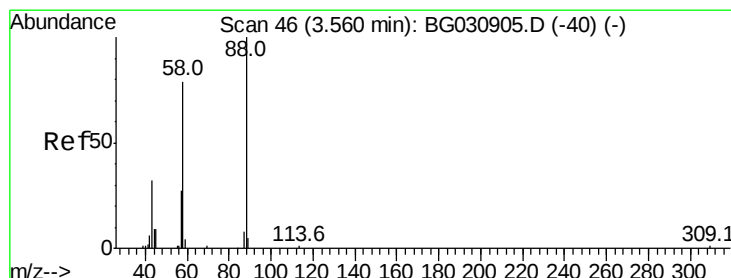
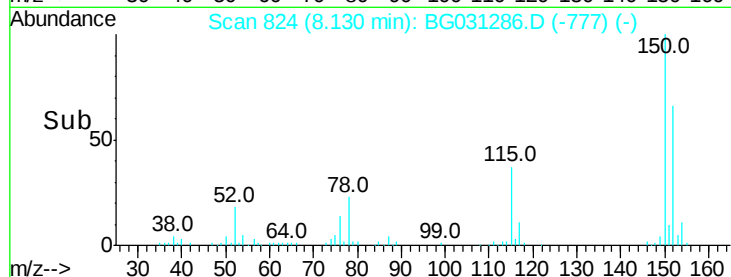
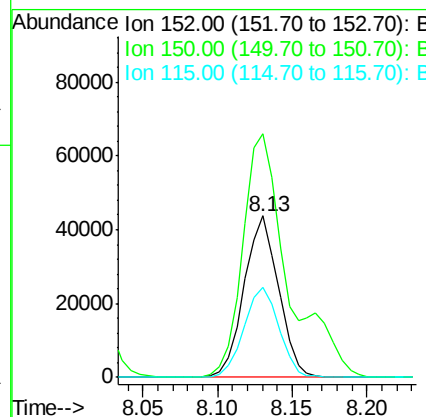
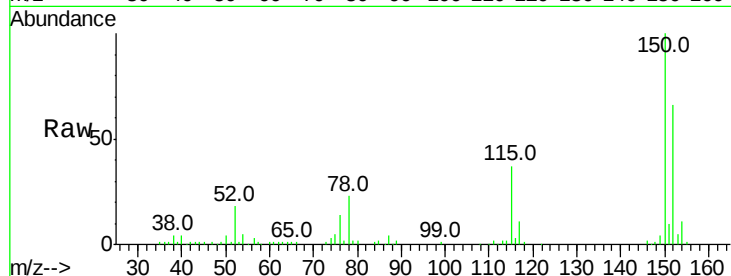
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.13 min Scan# 824  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.8 | 126.6 | 189.8 |
| 115     | 55.7  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

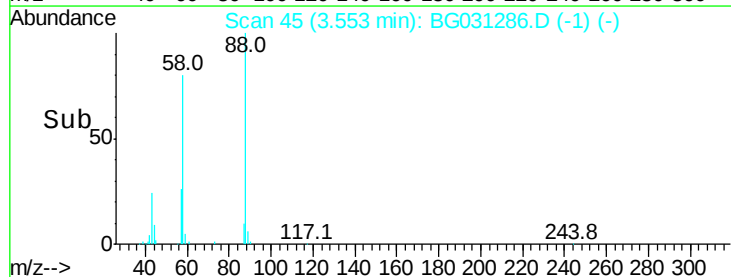
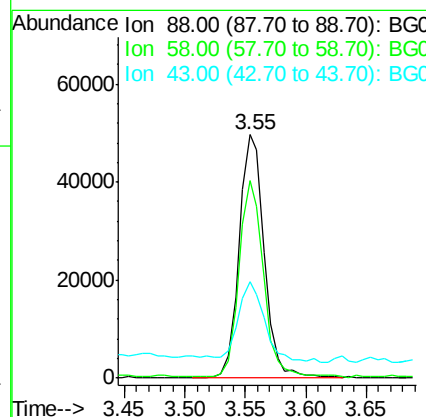
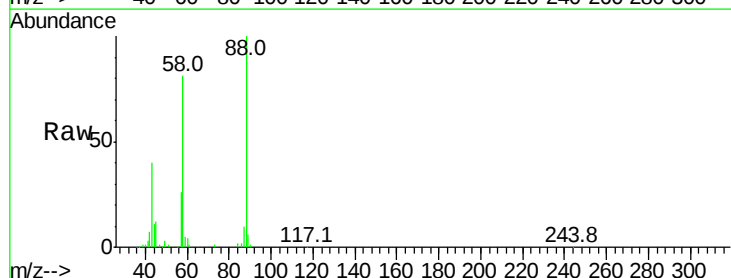
Sohil  
11/30/2017 9:16:48 AM

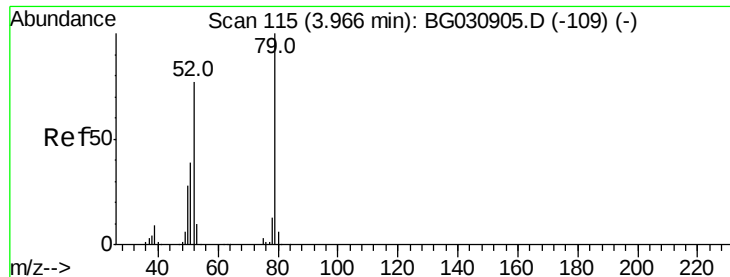


#2

1,4-Dioxane  
Concen: 43.592 ng  
RT: 3.55 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 79.3  | 79.6  | 119.4# |
| 43      | 34.9  | 27.4  | 41.0   |





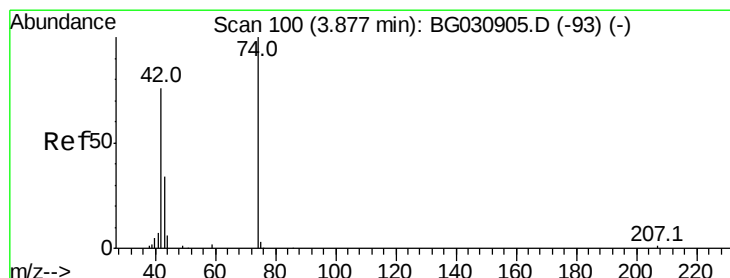
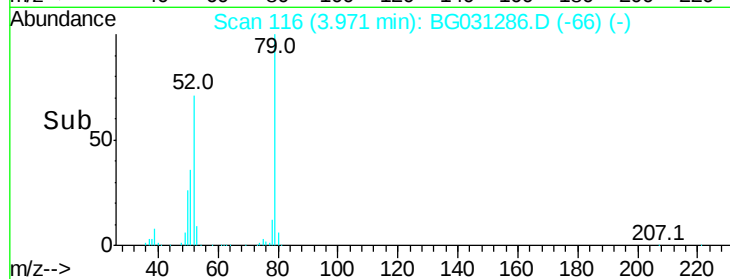
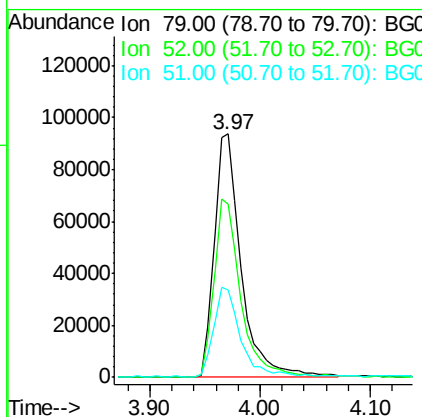
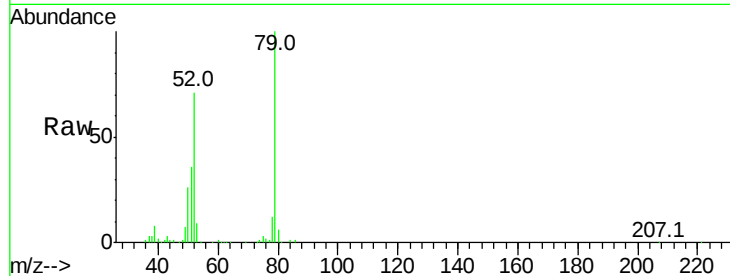
#3  
 Pvridine  
 Concen: 32.912 ng  
 RT: 3.97 min Scan# 116  
 Delta R.T. -0.00 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 71.0  | 69.9  | 104.9 |
| 51      | 36.0  | 34.0  | 51.0  |

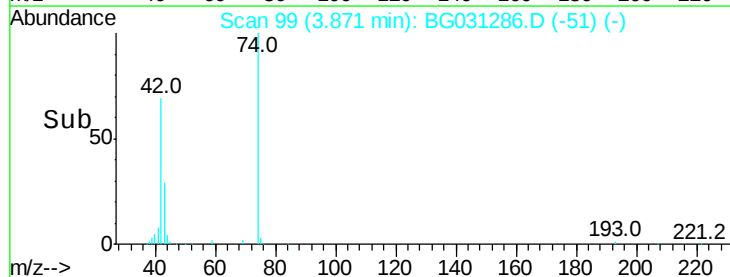
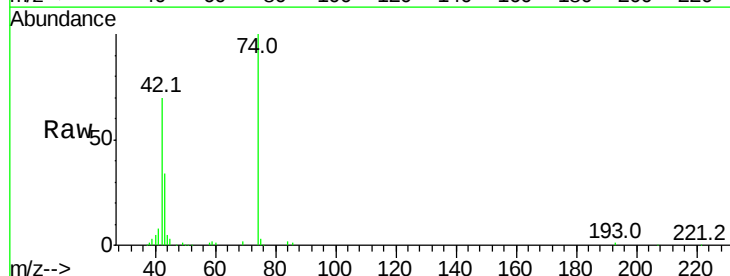
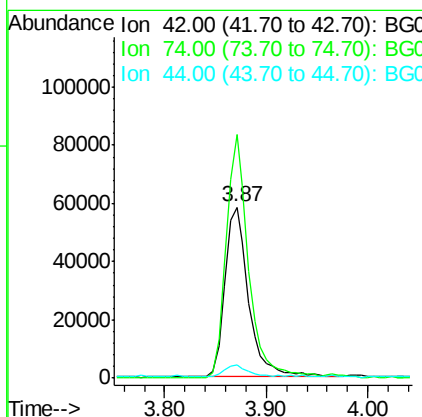
Manual Integrations  
 APPROVED

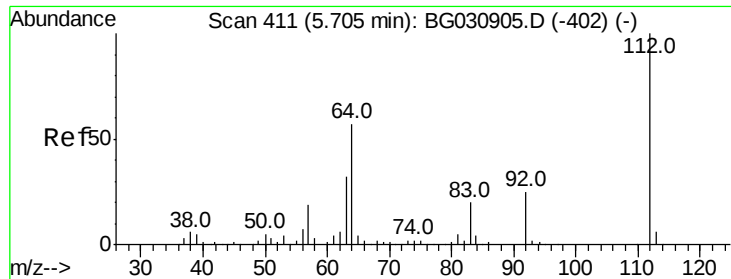
Sohil  
 11/30/2017 9:16:48 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 41.333 ng  
 RT: 3.87 min Scan# 99  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 142.5 | 102.5 | 153.7 |
| 44      | 7.5   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 143.531 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

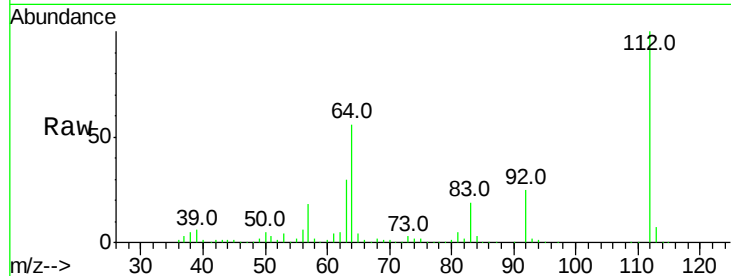
ClientSampled :

ETGI-294MSD

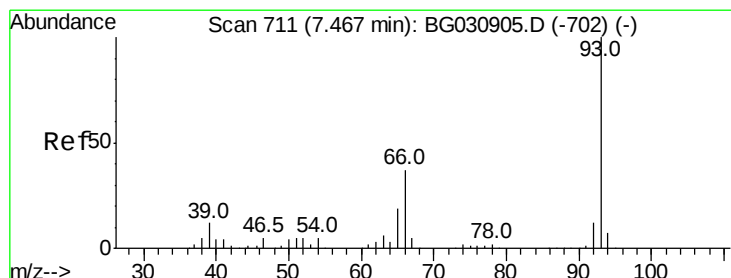
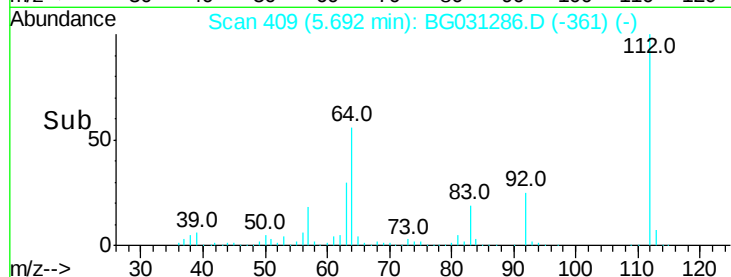
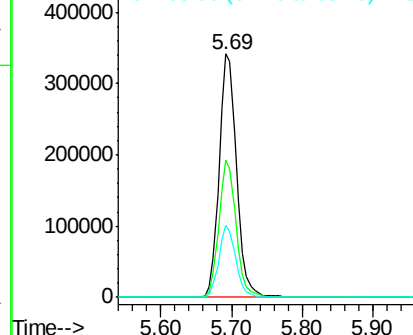
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 585093 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.4  | 56.3  | 84.5   |
| 63        | 29.8  | 30.1  | 45.1#  |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.102 ng

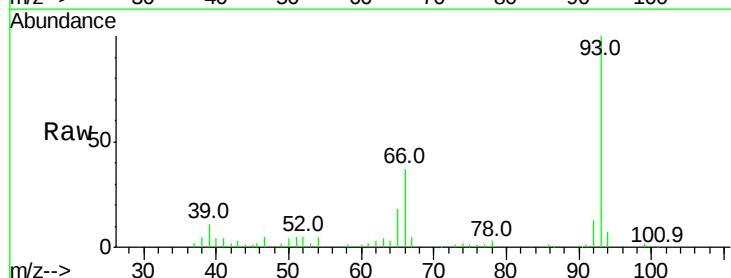
RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

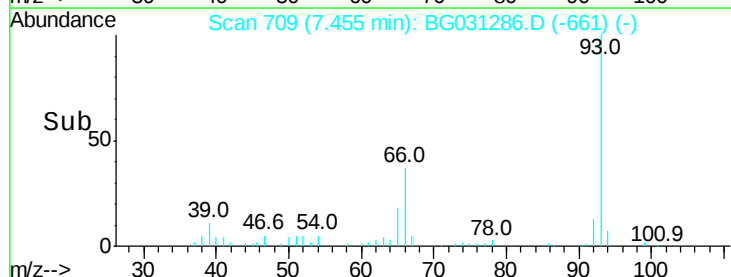
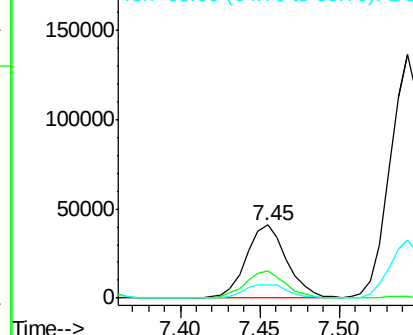
Lab File: BG031286.D

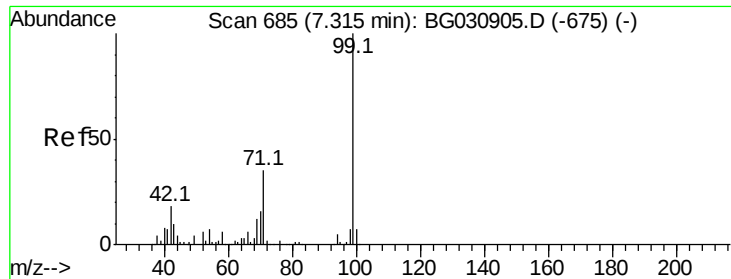
Acq: 30 Nov 2017 00:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 73010 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 36.5  | 33.7  | 50.5  |
| 65        | 17.8  | 16.1  | 24.1  |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.695 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

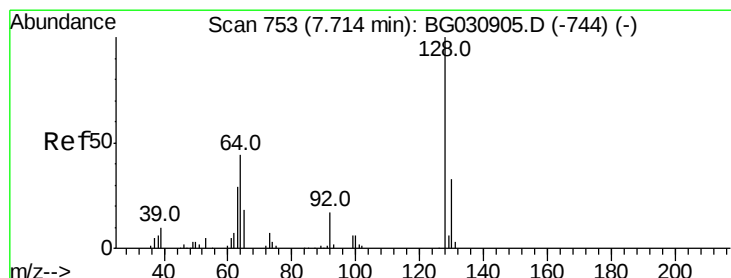
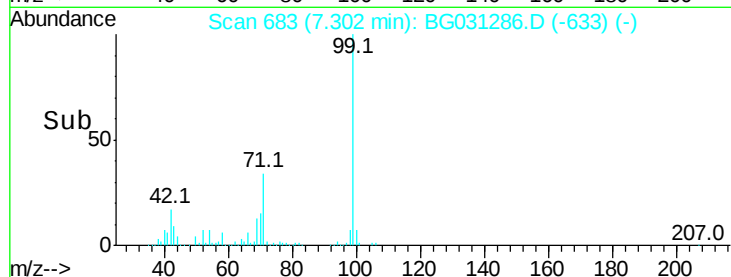
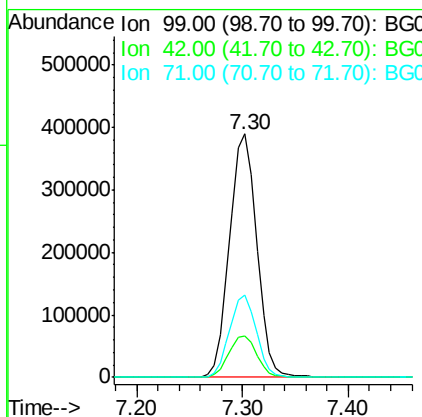
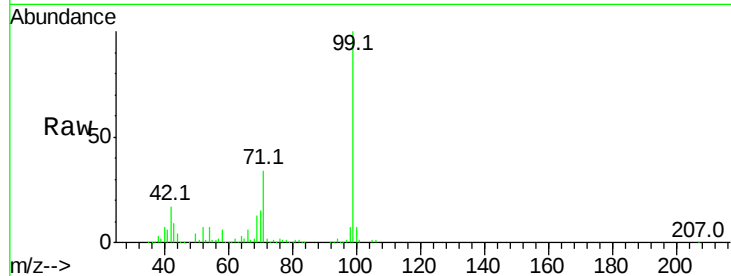
ClientSampled :

ETGI-294MSD

| Tot Ion   | 99    | Resp  | 695787 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.0  | 14.1  | 21.1   |
| 71        | 34.1  | 26.1  | 39.1   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#8

2-Chlorophenol

Concen: 49.785 ng

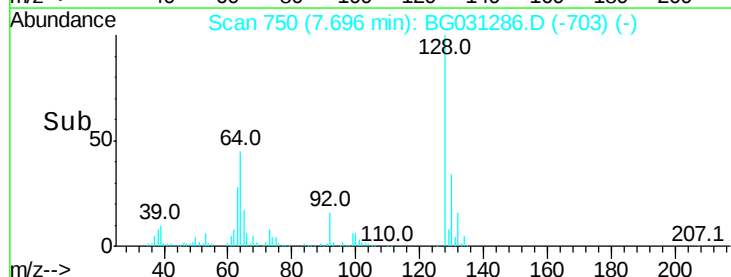
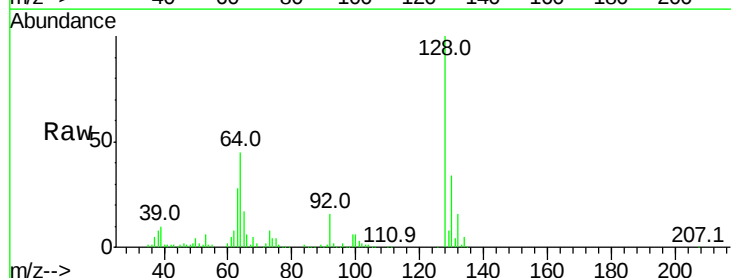
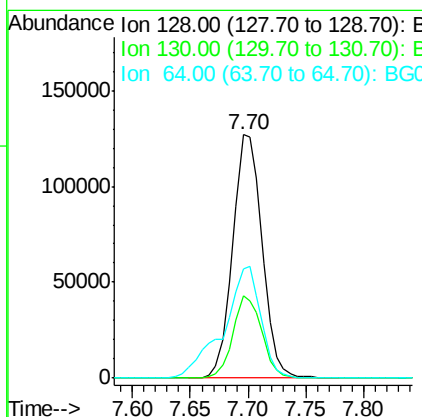
RT: 7.70 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

| Tgt Ion   | 128   | Resp  | 223962 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.8  | 14.0  | 54.0   |
| 64        | 44.6  | 37.7  | 77.7   |





#9

Benzaldehyde

Concen: 29.496 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

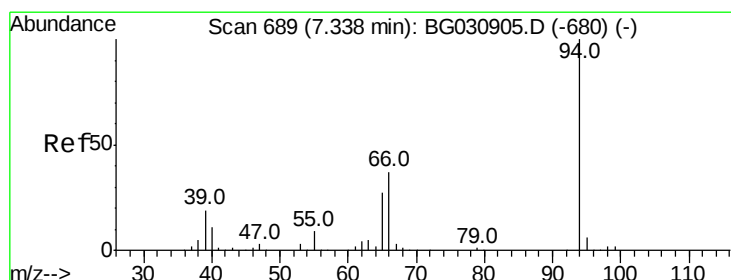
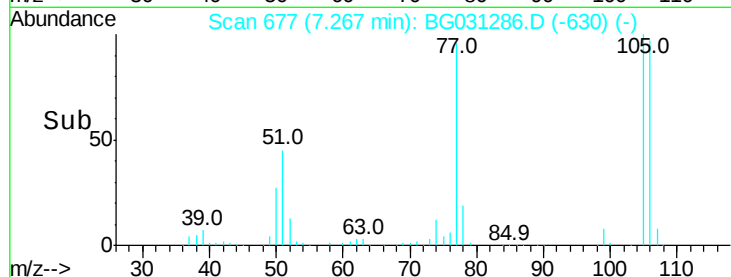
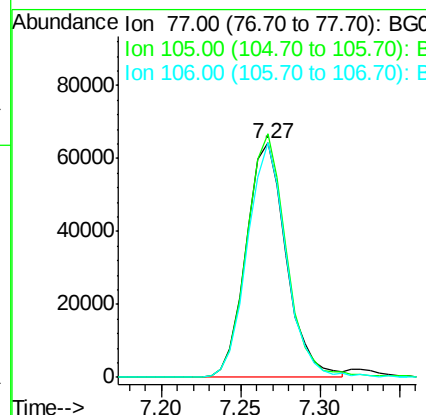
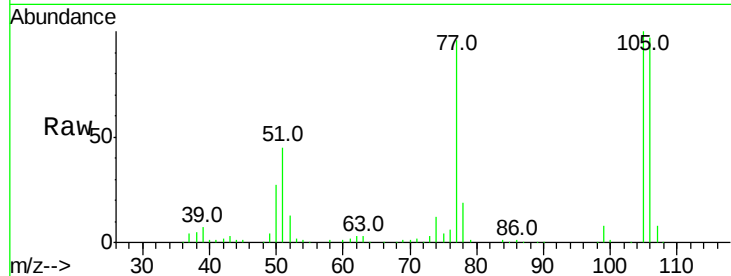
ClientSampleId :

ETGI-294MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 113355 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 103.9 | 71.3  | 111.3  |
| 106      | 100.3 | 64.2  | 104.2  |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#10

Phenol

Concen: 44.397 ng

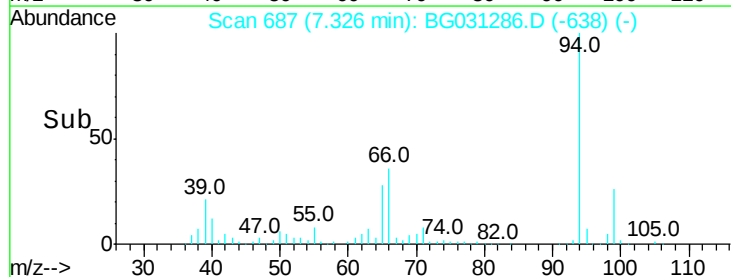
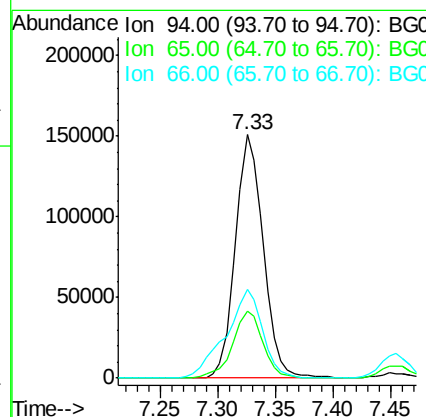
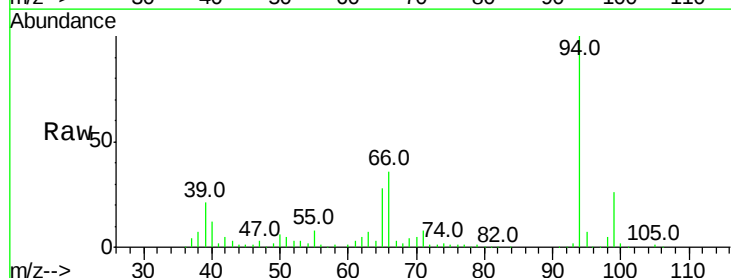
RT: 7.33 min Scan# 687

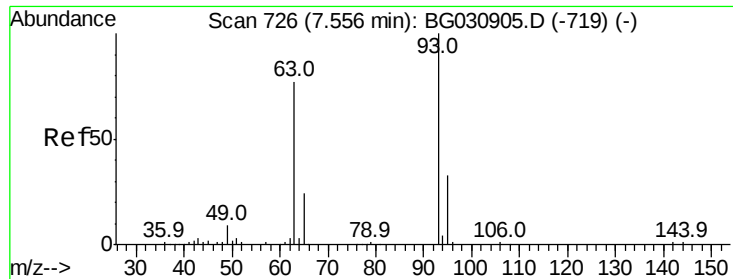
Delta R.T. -0.01 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 253209 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 27.6  | 11.9  | 51.9   |
| 66       | 36.2  | 22.2  | 62.2   |





#11

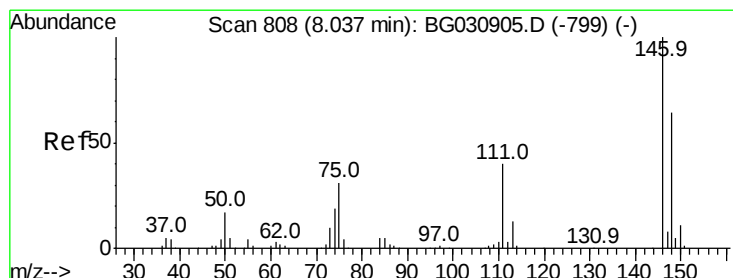
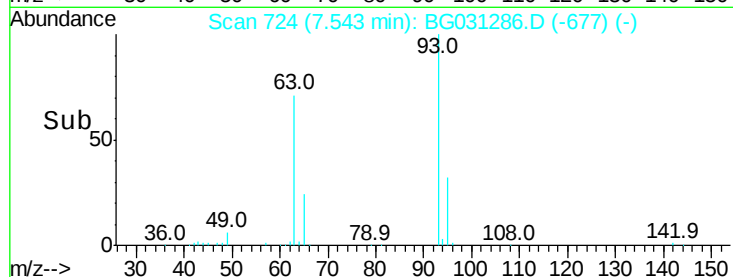
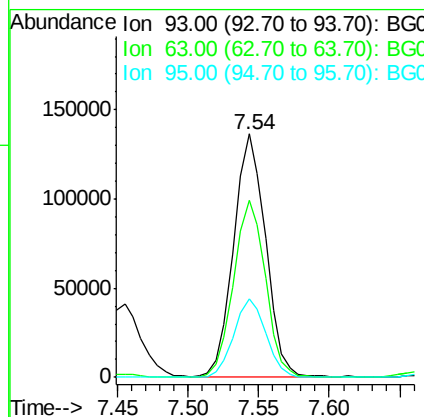
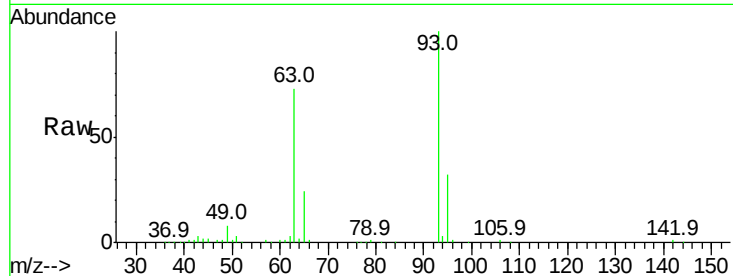
bis(2-Chloroethyl)ether  
Concen: 47.091 ng  
RT: 7.54 min Scan# 724  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 214442 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 72.6  | 67.1  | 107.1  |
| 95       | 32.0  | 11.5  | 51.5   |

Manual Integrations  
APPROVED

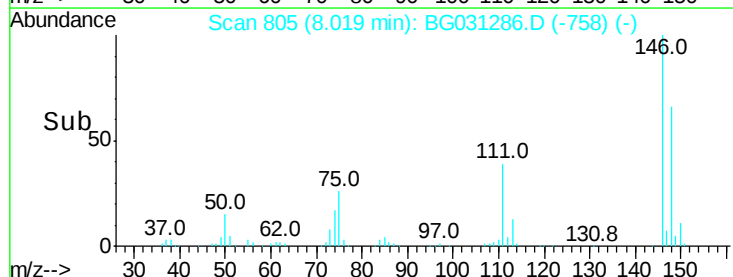
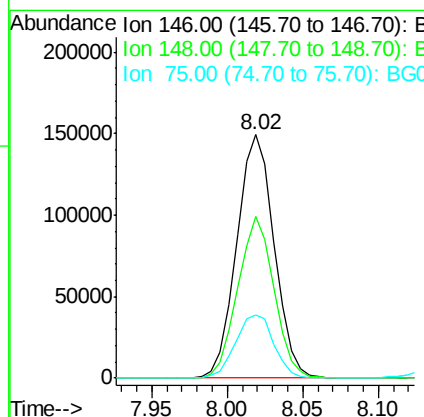
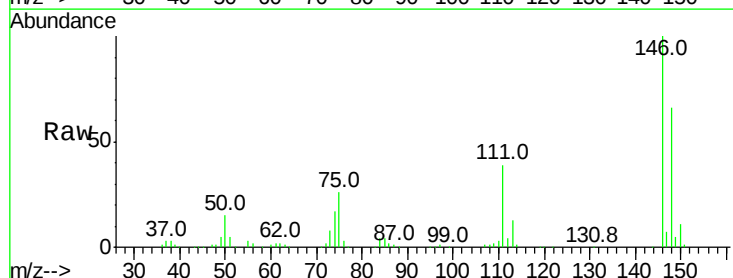
Sohil  
11/30/2017 9:16:48 AM

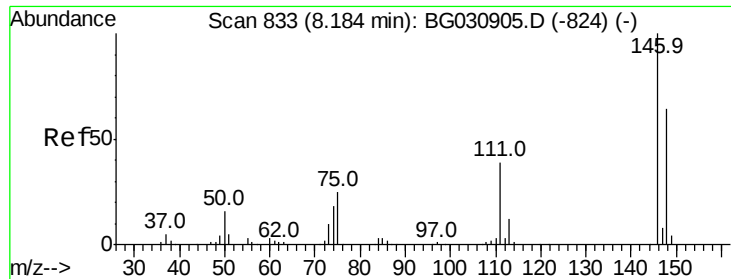


#12

1,3-Dichlorobenzene  
Concen: 48.285 ng m  
RT: 8.02 min Scan# 805  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 254846 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.3  | 51.4  | 77.2   |
| 75       | 26.1  | 26.6  | 39.8#  |





#13

1,4-Dichlorobenzene

Concen: 48.448 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

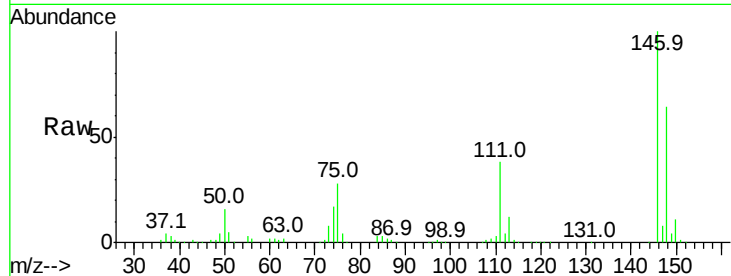
ClientSampleId :

ETGI-294MSD

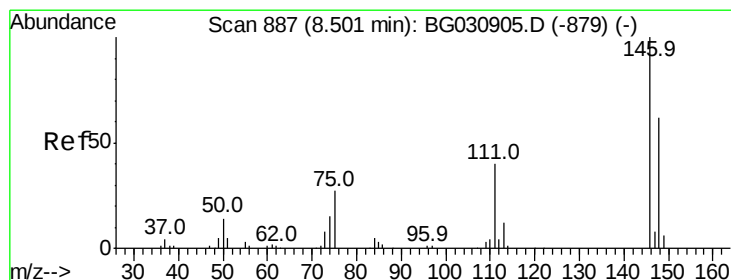
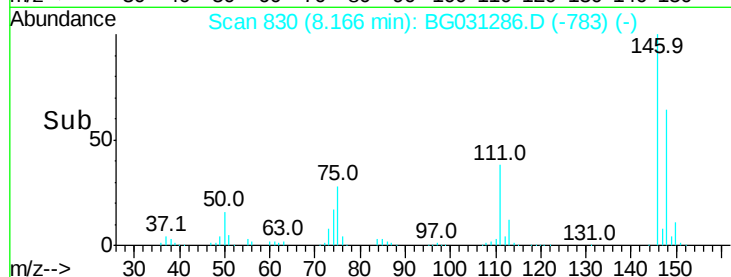
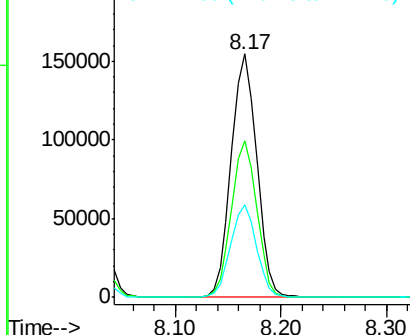
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 259123 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 53.7  | 80.5   |
| 111       | 37.9  | 35.2  | 52.8   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.620 ng

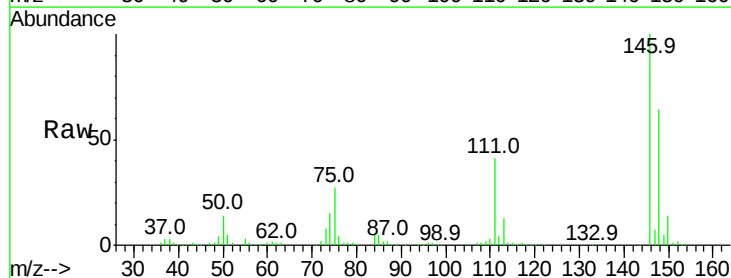
RT: 8.49 min Scan# 885

Delta R.T. -0.02 min

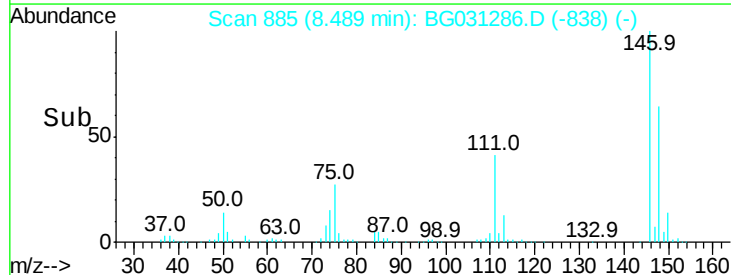
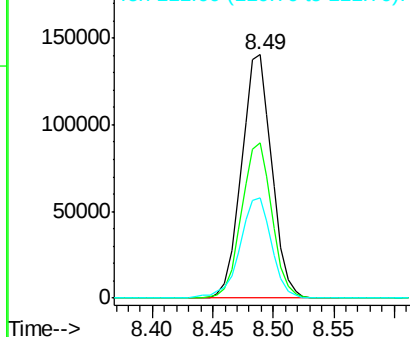
Lab File: BG031286.D

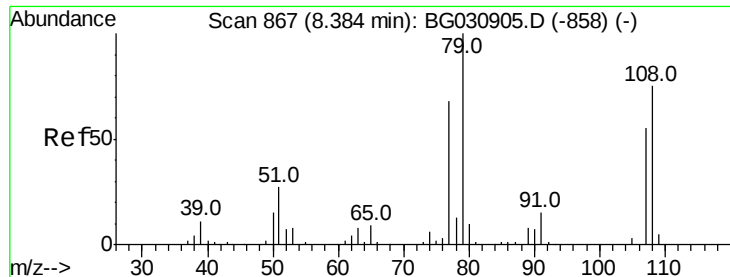
Acq: 30 Nov 2017 00:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 244460 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 49.3  | 73.9   |
| 111       | 41.2  | 34.3  | 51.5   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





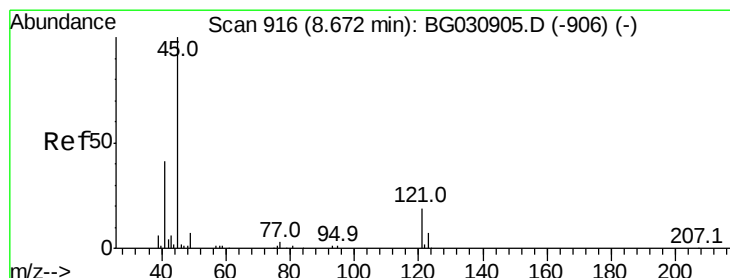
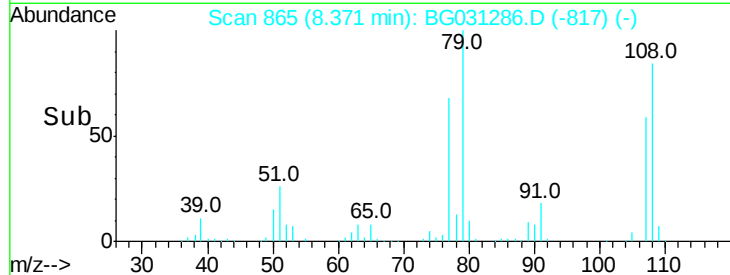
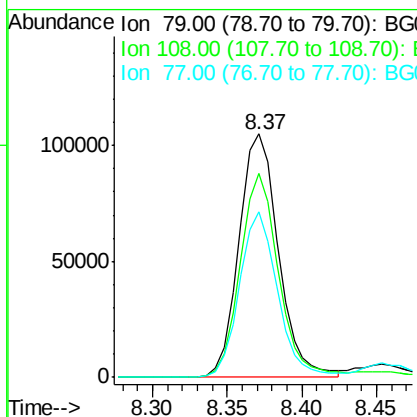
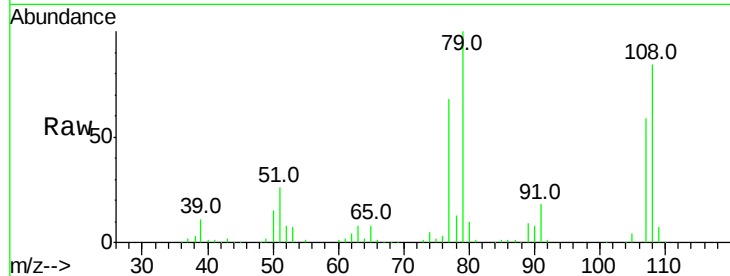
#15  
Benzyl Alcohol  
Concen: 43.853 ng  
RT: 8.37 min Scan# 865  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampled :  
ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 193177 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 84.0  | 57.2  | 85.8   |
| 77        | 67.7  | 46.1  | 69.1   |

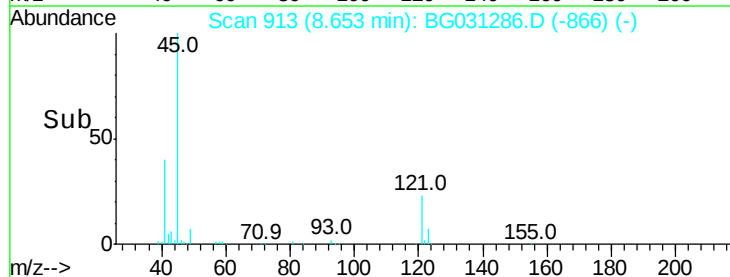
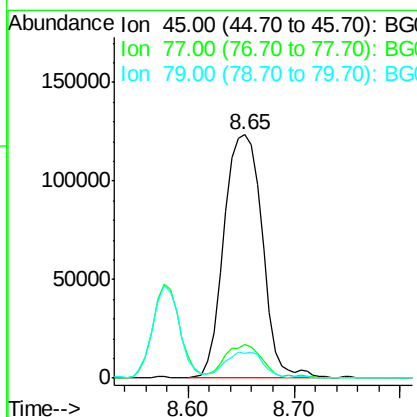
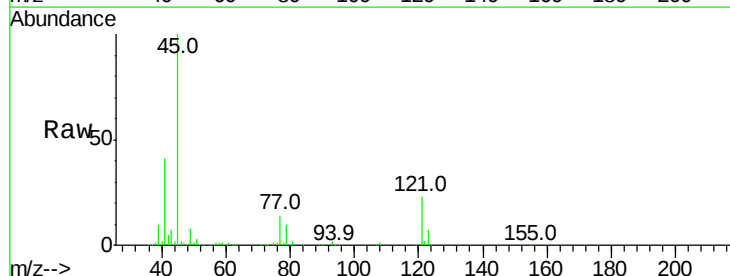
Manual Integrations  
APPROVED

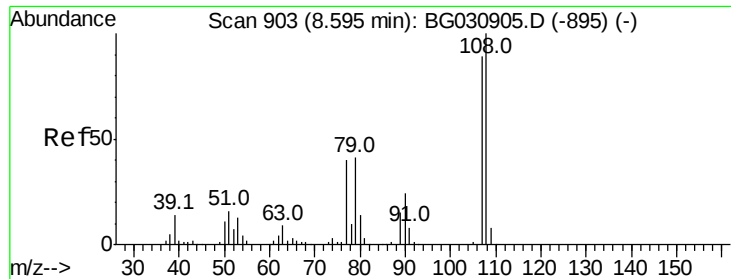
Sohil  
11/30/2017 9:16:48 AM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 61.344 ng  
RT: 8.65 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 308559 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.1  | 0.0   | 30.2   |
| 79        | 10.4  | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 48.428 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

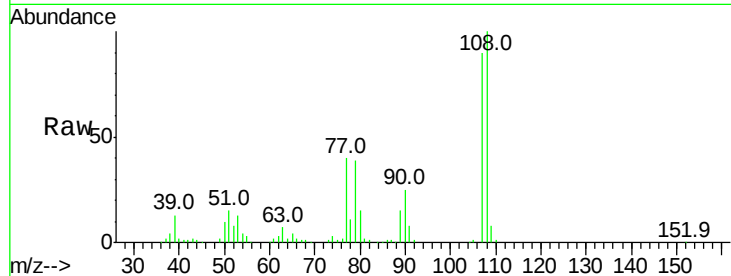
ClientSampleId :

ETGI-294MSD

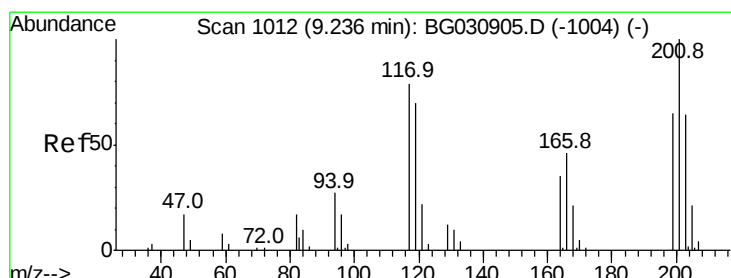
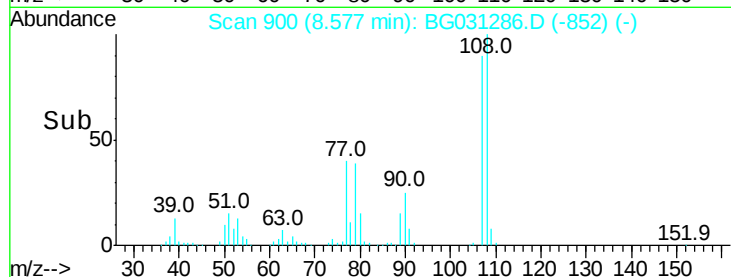
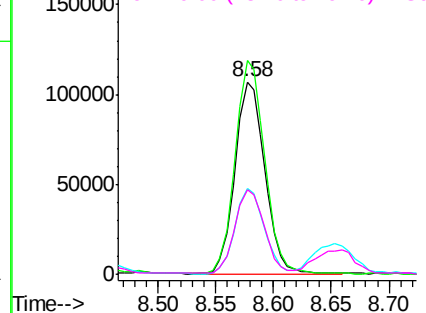
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.0 | 83.9  | 125.9 |
| 77      | 44.7  | 37.2  | 55.8  |
| 79      | 43.7  | 36.2  | 54.2  |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.30): BG  
Ion 79.00 (78.70 to 79.30): BG



#18

Hexachloroethane

Concen: 48.165 ng

RT: 9.21 min Scan# 1008

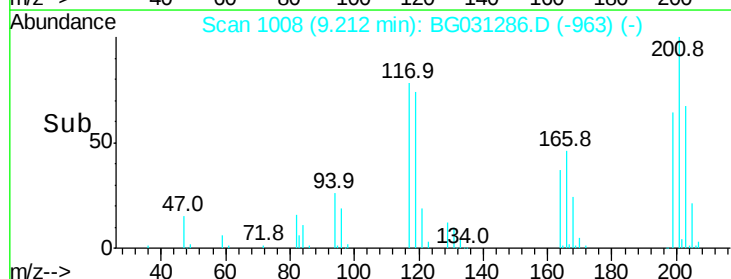
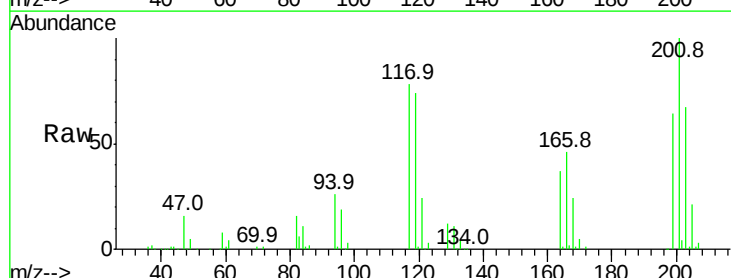
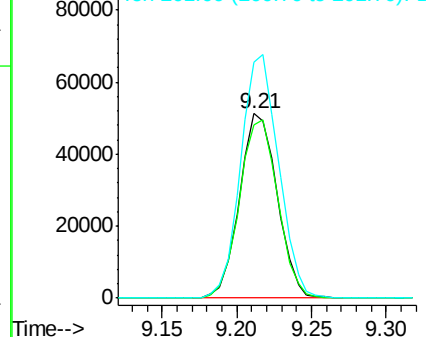
Delta R.T. -0.03 min

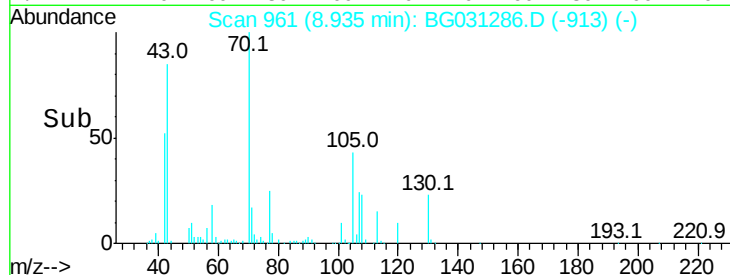
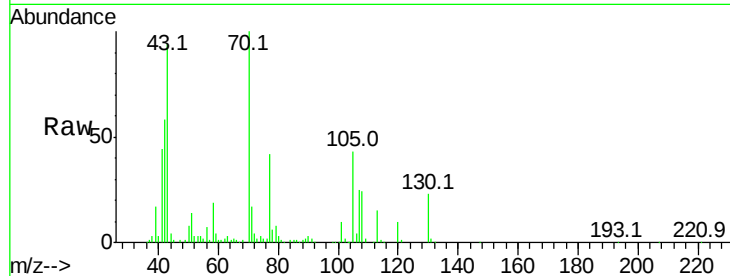
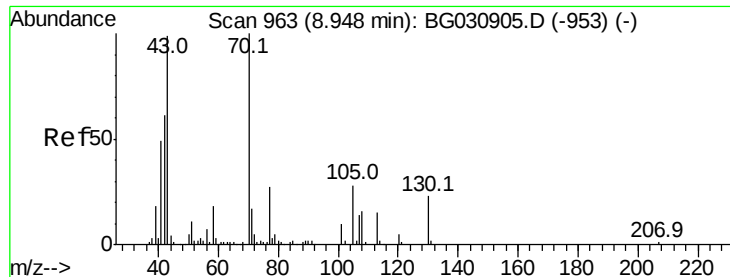
Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.0  | 76.7  | 115.1 |
| 201     | 127.6 | 95.7  | 143.5 |

Abundance Ion 117.00 (116.70 to 117.30): E  
Ion 119.00 (118.70 to 119.30): E  
Ion 201.00 (200.70 to 201.30): E





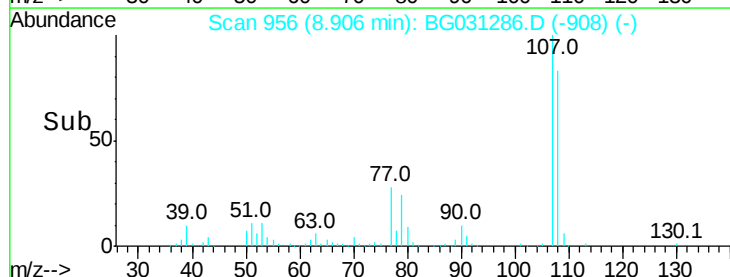
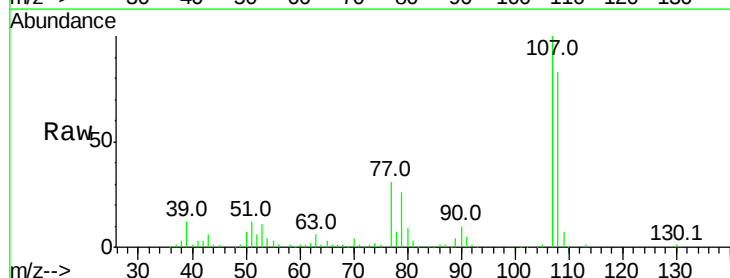
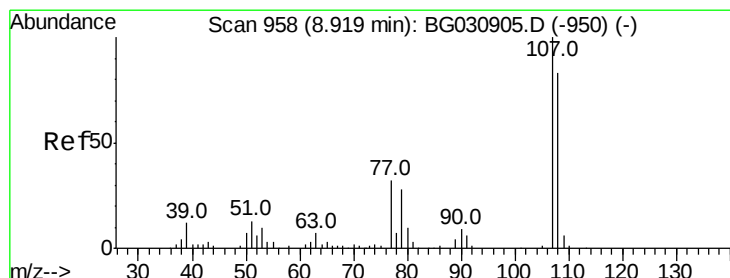
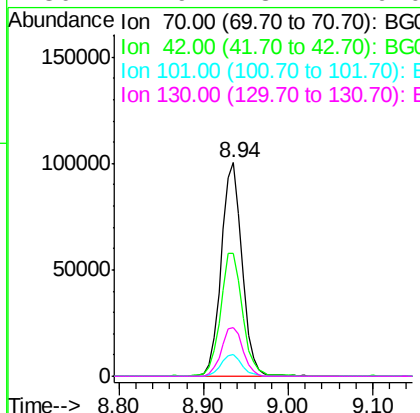
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.960 ng  
RT: 8.94 min Scan# 961  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.7 | 49.1  | 73.7  |       |
| 101     | 10.5 | 8.5   | 12.7  |       |
| 130     | 22.9 | 13.4  | 20.0  |       |

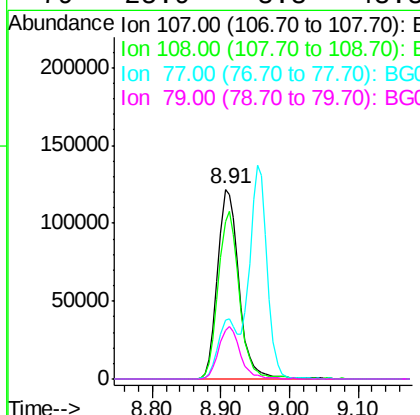
Manual Integrations  
APPROVED

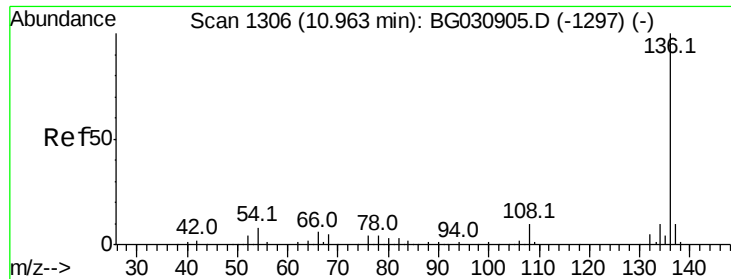
Sohil  
11/30/2017 9:16:48 AM



#20  
3+4-Methylphenols  
Concen: 46.767 ng  
RT: 8.91 min Scan# 956  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.2 | 61.6  | 101.6 |       |
| 77      | 30.7 | 13.9  | 53.9  |       |
| 79      | 25.9 | 8.8   | 48.8  |       |





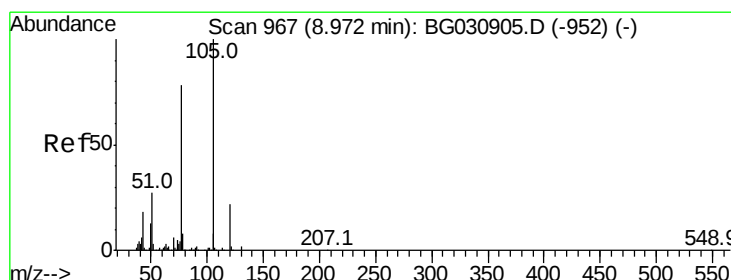
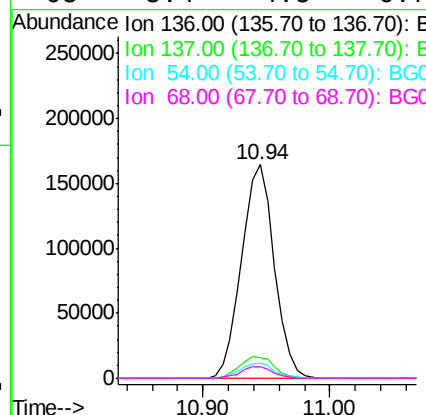
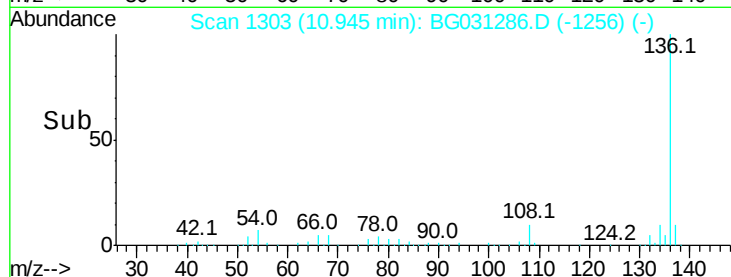
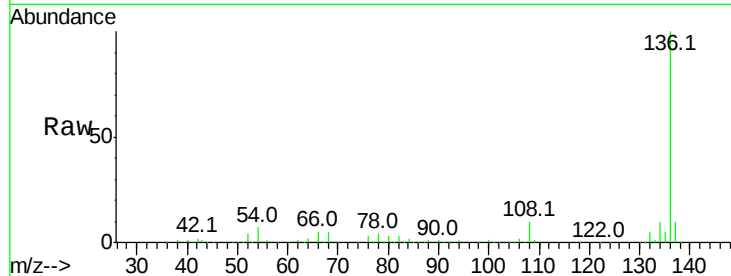
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1303  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 9.9   | 9.2  | 13.8  |       |
| 54      | 7.2   | 10.3 | 15.5  |       |
| 68      | 5.4   | 4.5  | 6.7   |       |

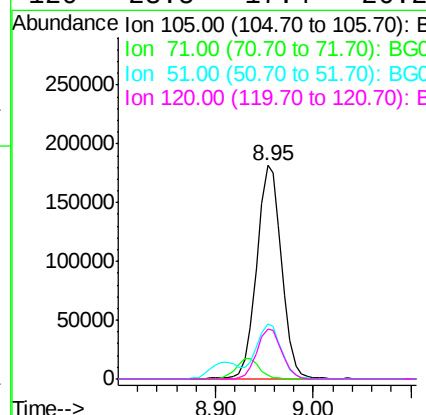
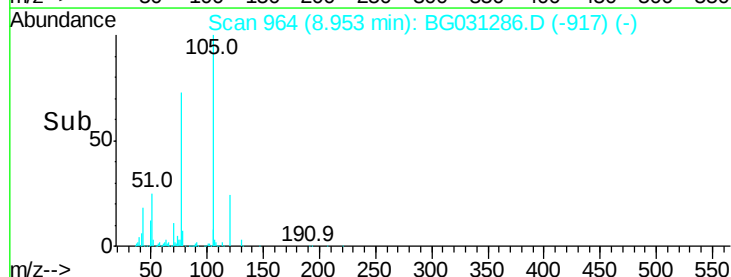
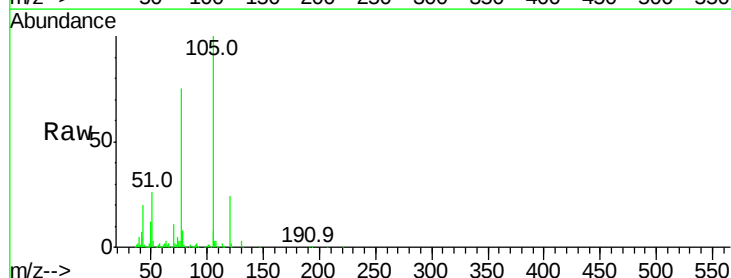
Manual Integrations  
APPROVED

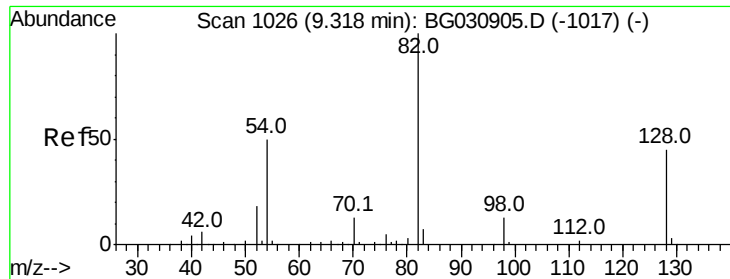
Sohil  
11/30/2017 9:16:48 AM



#22  
Acetophenone  
Concen: 44.638 ng  
RT: 8.95 min Scan# 964  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.6   | 3.0  | 4.4   |       |
| 51      | 25.7  | 26.1 | 39.1  |       |
| 120     | 23.5  | 17.4 | 26.2  |       |





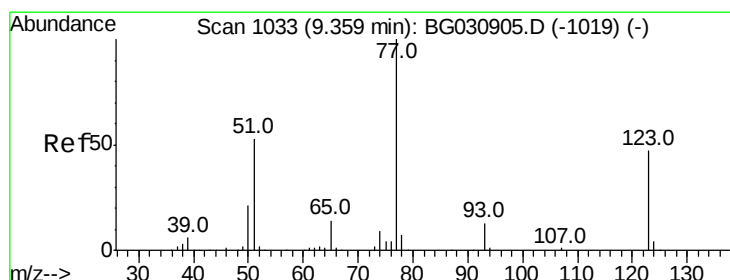
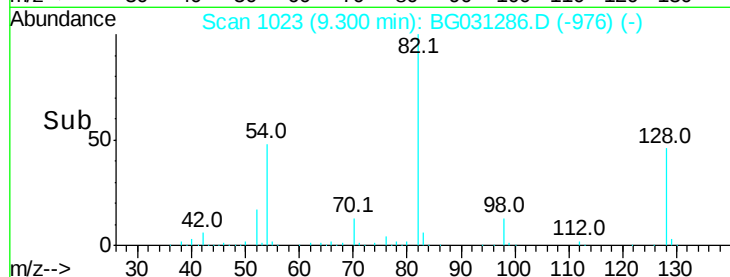
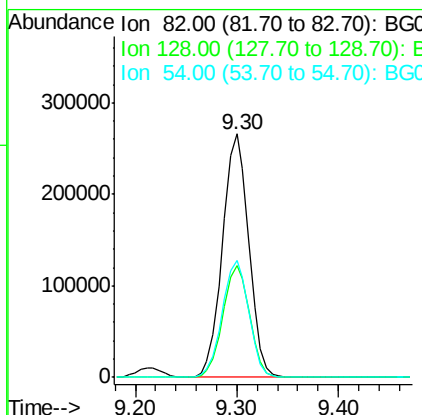
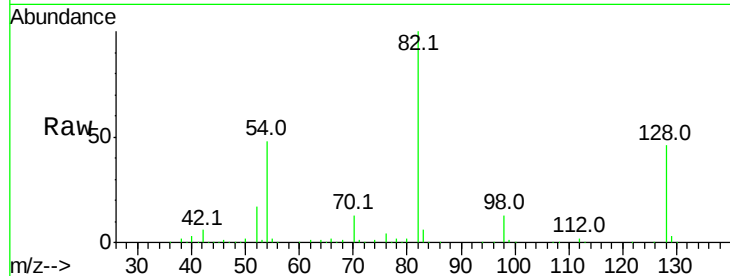
#23  
Nitrobenzene-d5  
Concen: 96.323 ng  
RT: 9.30 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.0  | 29.7  | 44.5# |
| 54      | 48.0  | 43.1  | 64.7  |

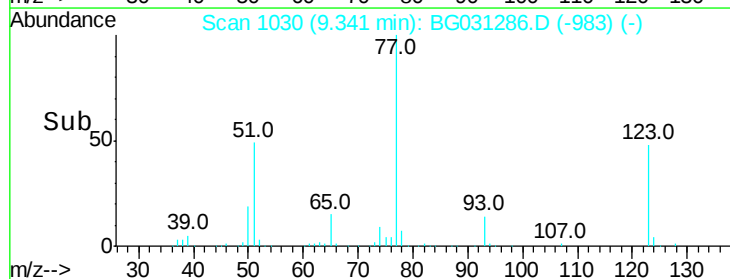
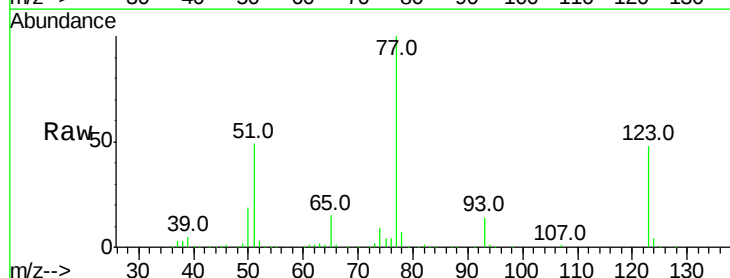
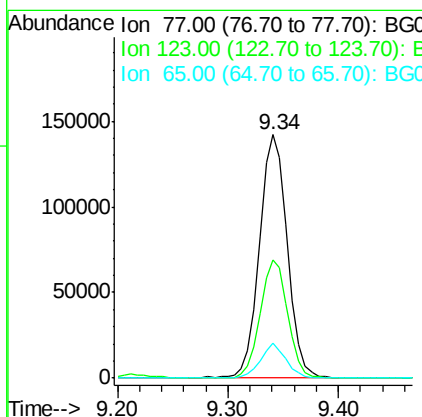
Manual Integrations  
APPROVED

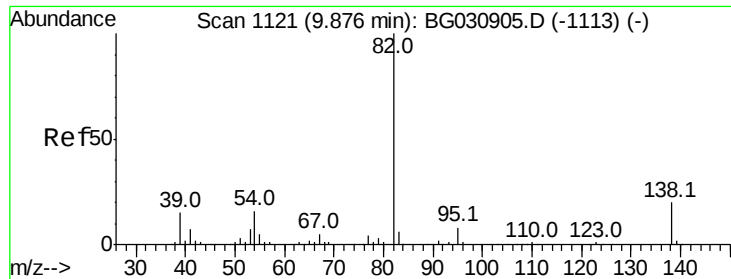
Sohil  
11/30/2017 9:16:48 AM



#24  
Nitrobenzene  
Concen: 49.688 ng  
RT: 9.34 min Scan# 1030  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.4  | 33.0  | 49.6  |
| 65      | 14.6  | 13.0  | 19.6  |





#25

Isophorone

Concen: 50.112 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

ETGI-294MSD

Tot Ion: 82 Resp: 484773

Ion Ratio Lower Upper

82 100

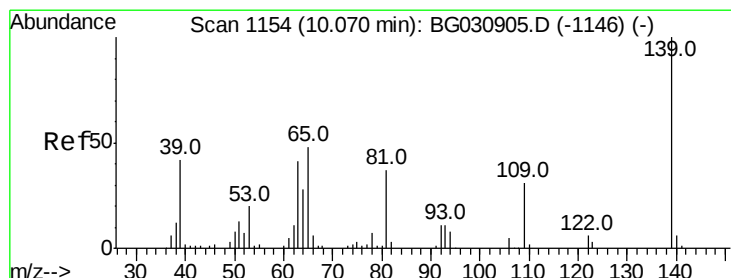
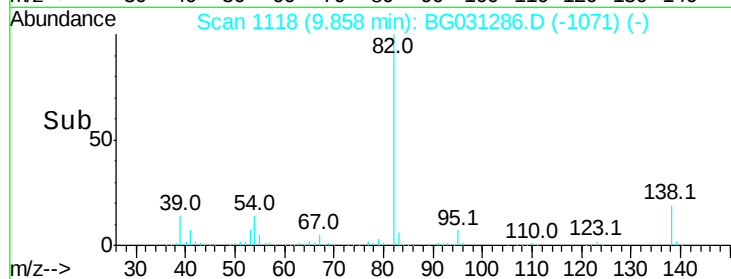
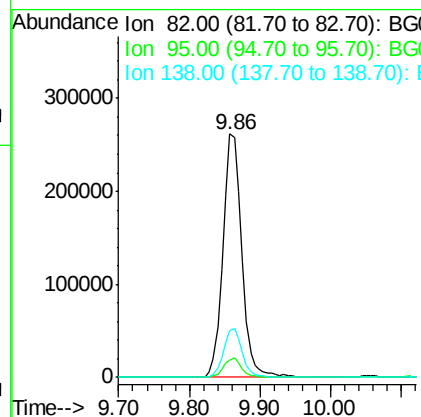
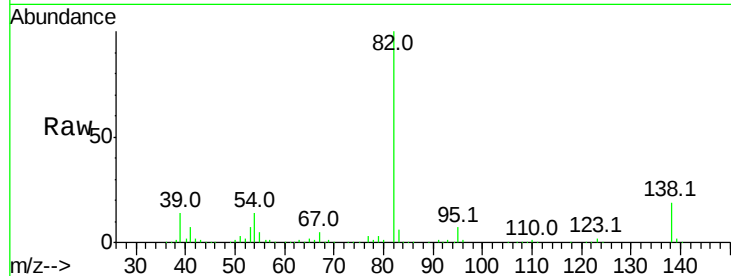
95 7.2 6.2 9.2

138 19.0 12.1 18.1#

Manual Integrations  
APPROVED

Sohil

11/30/2017 9:16:48 AM



#26

2-Nitrophenol

Concen: 51.828 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

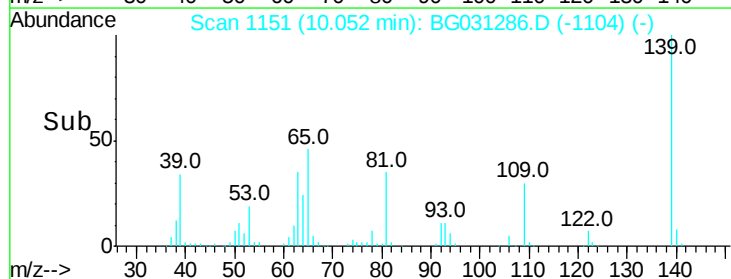
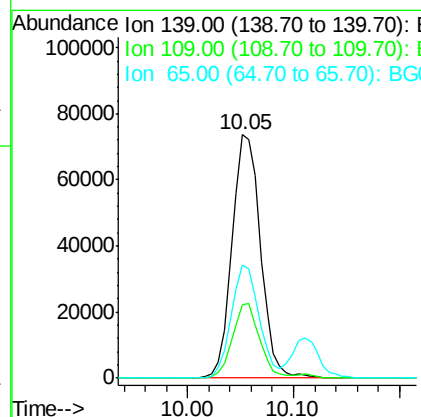
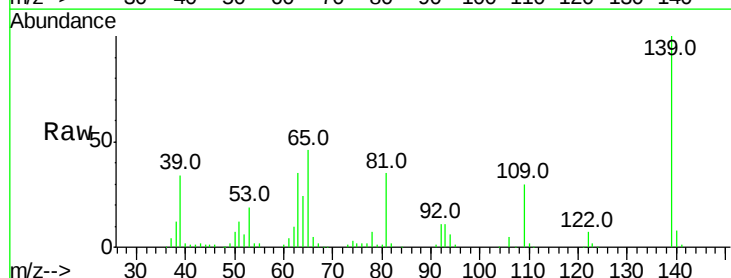
Tgt Ion: 139 Resp: 136882

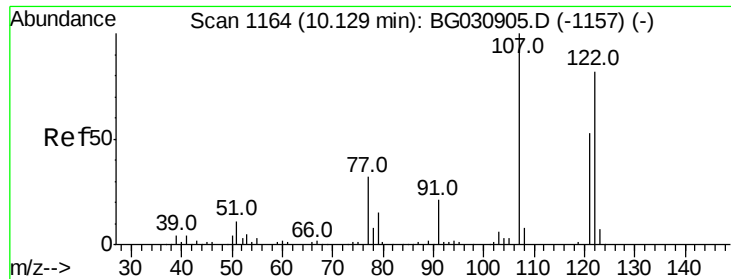
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 46.3 47.4 71.0#





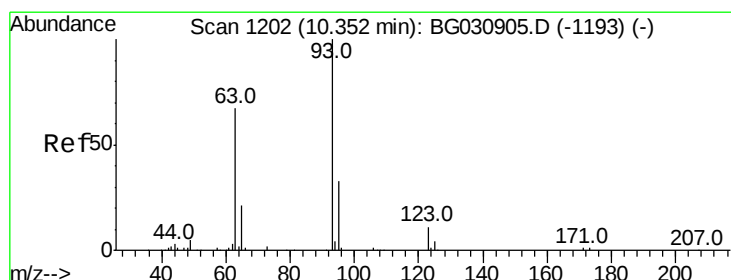
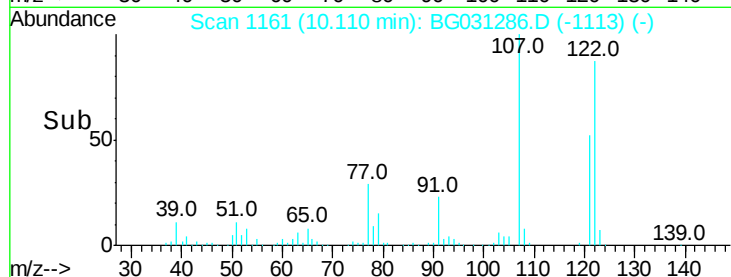
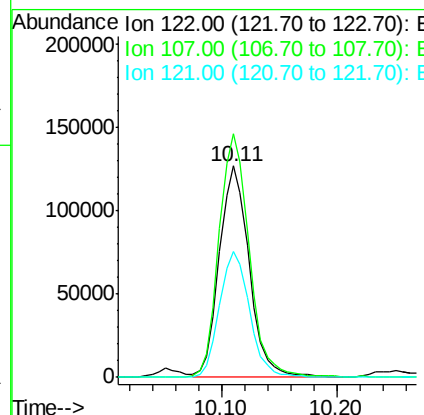
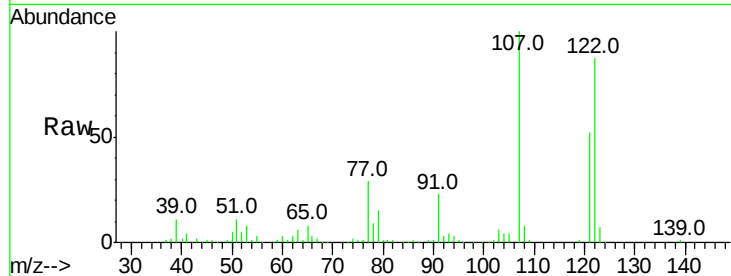
#27  
 2,4-Dimethylphenol  
 Concen: 57.718 ng  
 RT: 10.11 min Scan# 1161  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampled :  
 ETGI-294MSD

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |       |
| 107     | 115.2 | 100.2 | 150.2 |       |       |
| 121     | 59.5  | 44.4  | 66.6  |       |       |

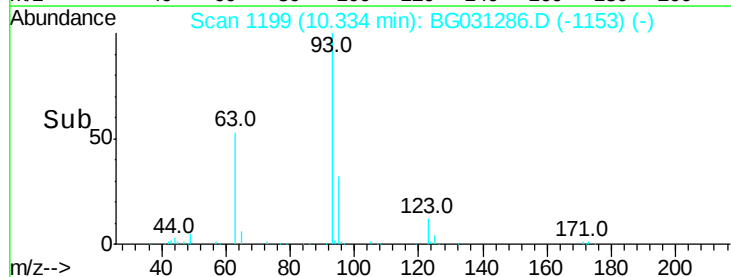
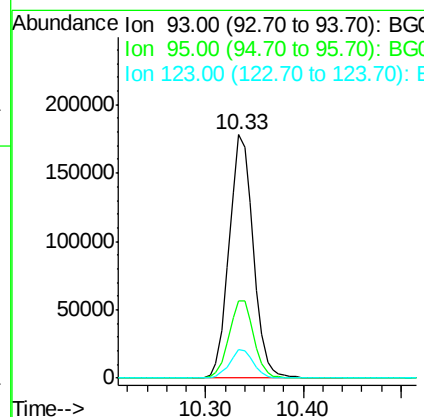
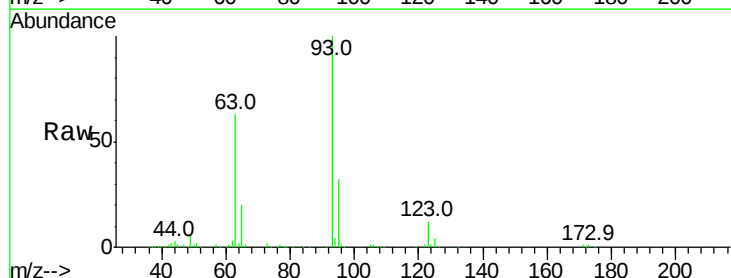
Manual Integrations  
 APPROVED

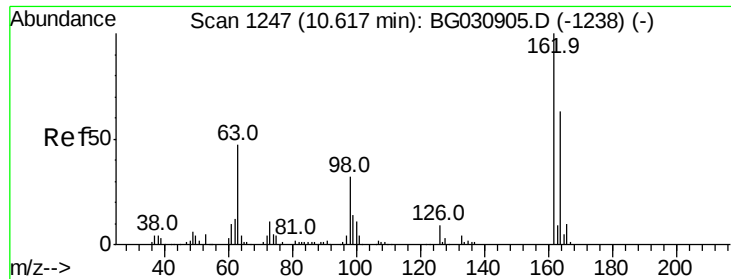
Sohil  
 11/30/2017 9:16:48 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.953 ng  
 RT: 10.33 min Scan# 1199  
 Delta R.T. -0.03 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 95      | 31.6 | 24.3  | 36.5 |       |       |
| 123     | 11.7 | 8.4   | 12.6 |       |       |





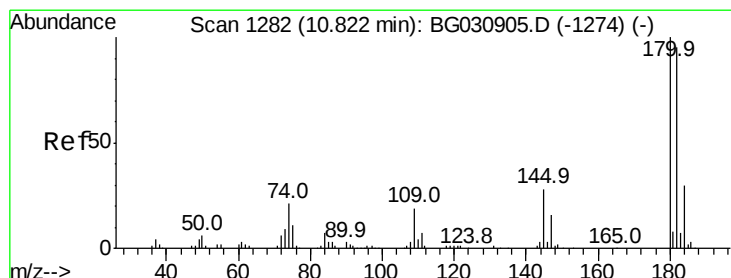
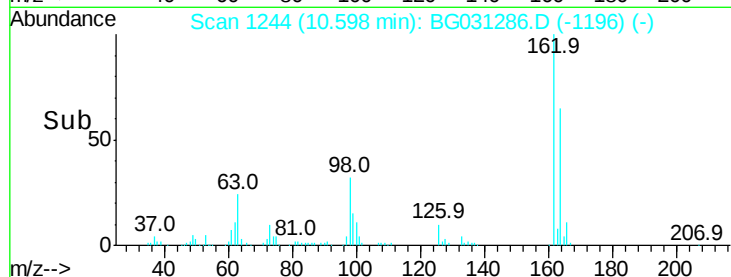
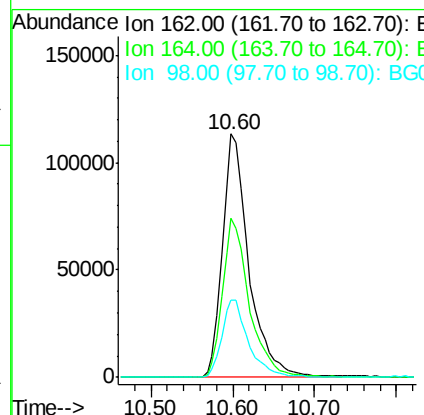
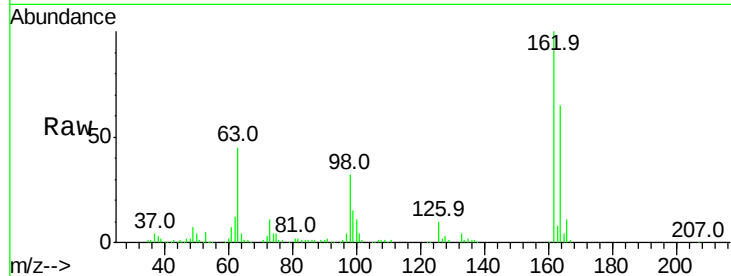
#29  
 2,4-Dichlorophenol  
 Concen: 54.256 ng  
 RT: 10.60 min Scan# 1244  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampled :  
 ETGI-294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 255453 |       |       |
| 164     | 65.3  | 48.0   | 88.0  |       |
| 98      | 32.0  | 21.1   | 61.1  |       |

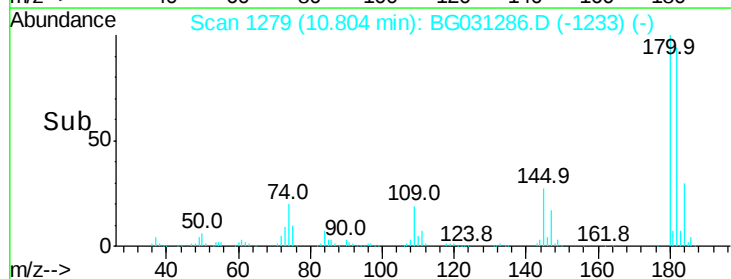
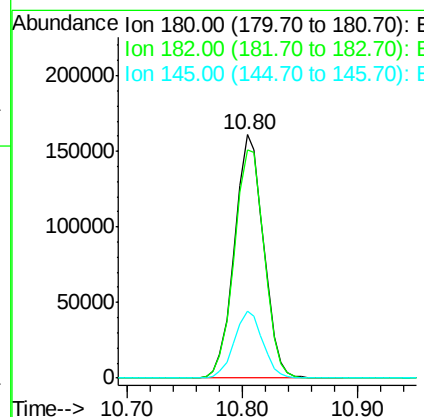
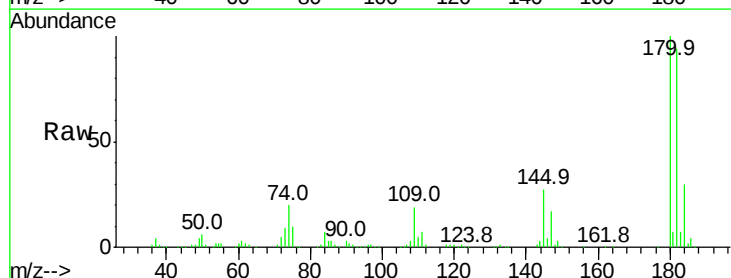
Manual Integrations  
 APPROVED

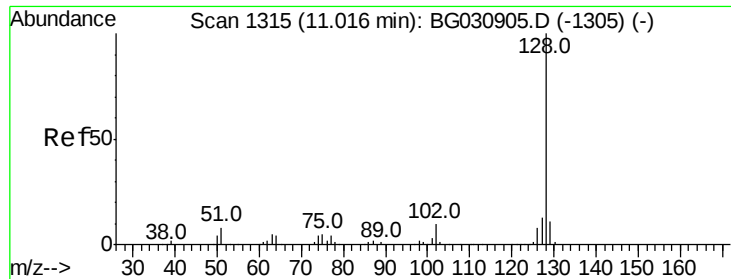
Sohil  
 11/30/2017 9:16:48 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.910 ng  
 RT: 10.80 min Scan# 1279  
 Delta R.T. -0.03 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 280558 |       |       |
| 182     | 94.0  | 77.5   | 116.3 |       |
| 145     | 27.4  | 23.4   | 35.2  |       |





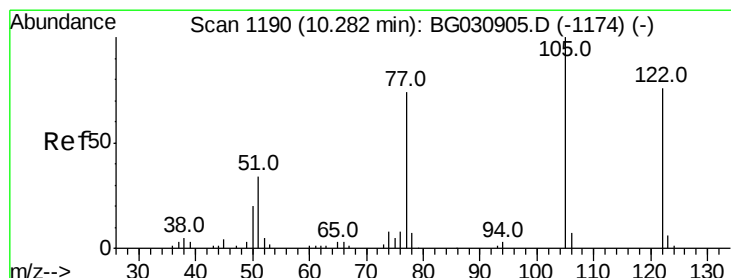
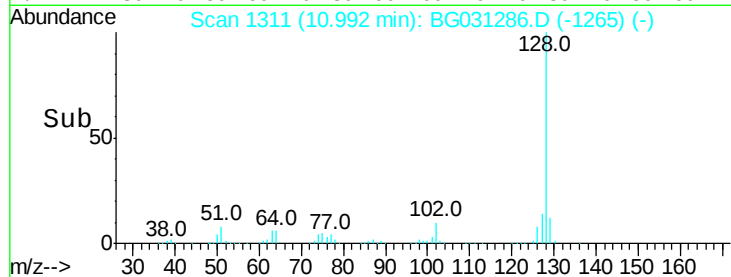
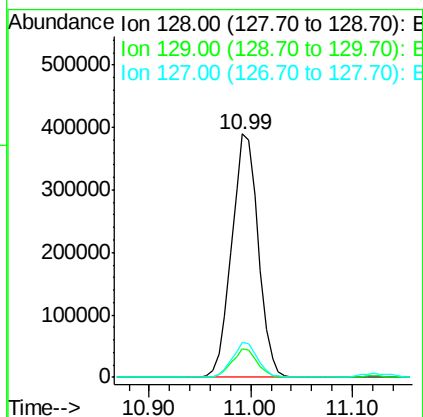
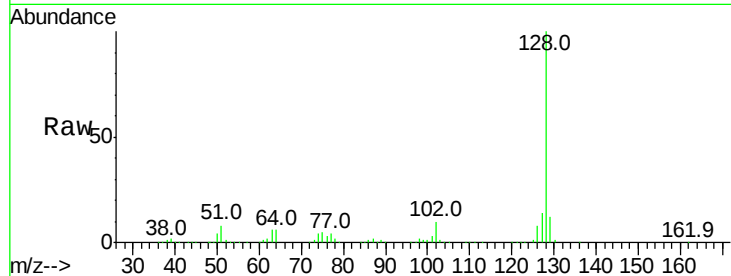
#31  
Naphthalene  
Concen: 48.942 ng  
RT: 10.99 min Scan# 1311  
Delta R.T. -0.03 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 8.6   | 12.8  |
| 127     | 14.1  | 11.6  | 17.4  |

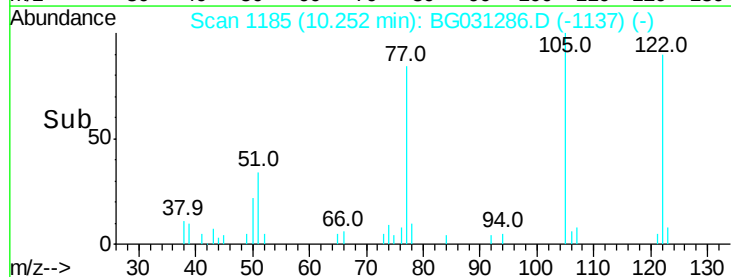
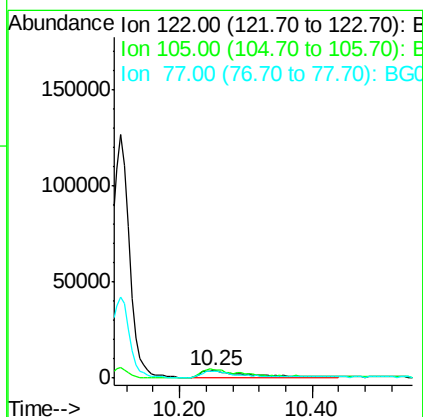
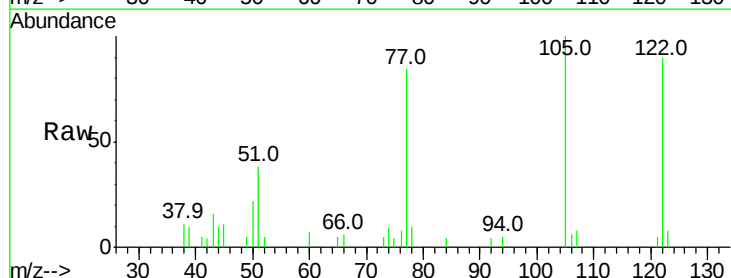
Manual Integrations  
APPROVED

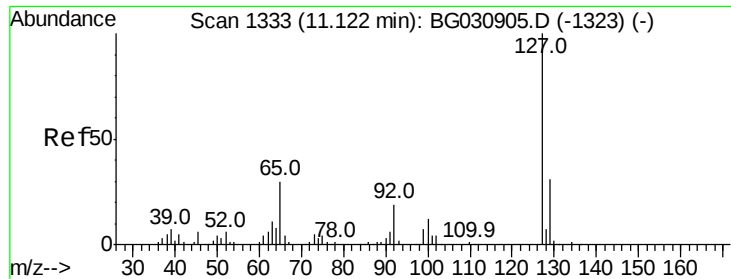
Sohil  
11/30/2017 9:16:48 AM



#32  
Benzoic acid  
Concen: 10.805 ng m  
RT: 10.25 min Scan# 1185  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 111.4 | 123.5 | 163.5# |
| 77      | 93.6  | 85.7  | 125.7  |





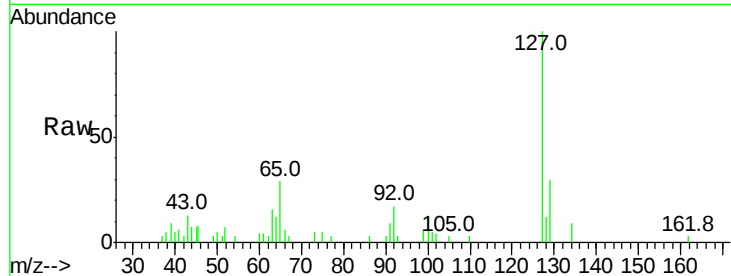
#33  
4-Chloroaniline  
Concen: 2.291 ng  
RT: 11.12 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

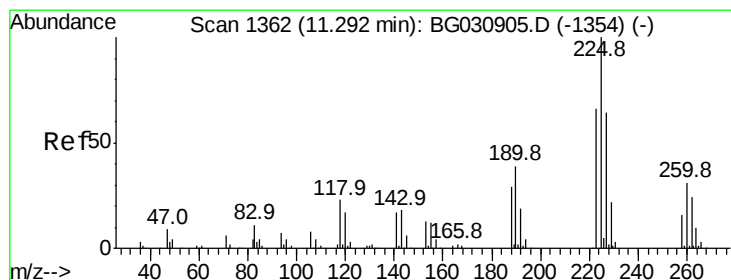
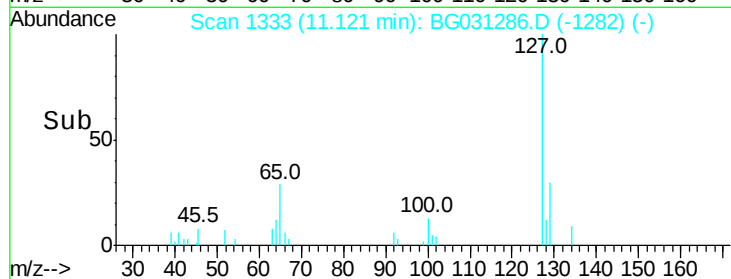
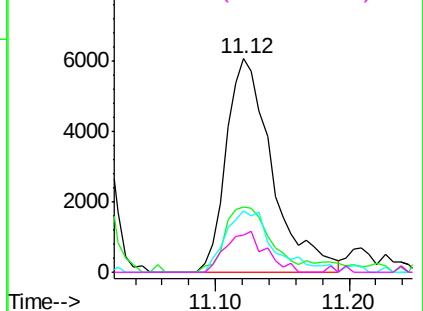
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 30.5 | 24.0  | 36.0 |       |       |
| 65      | 29.1 | 27.0  | 40.4 |       |       |
| 92      | 17.3 | 16.6  | 25.0 |       |       |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



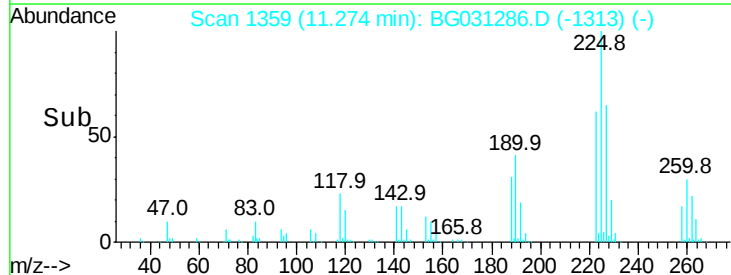
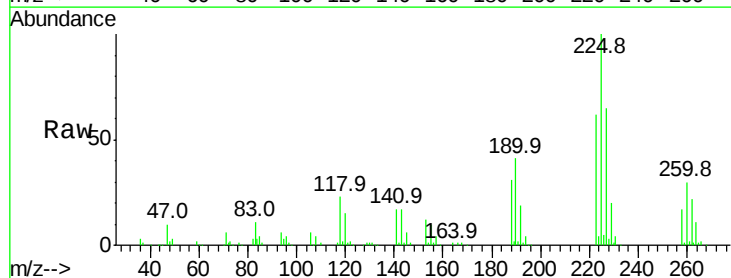
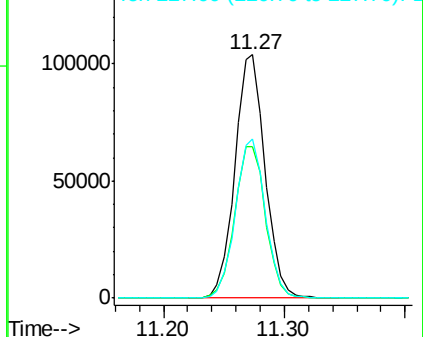
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

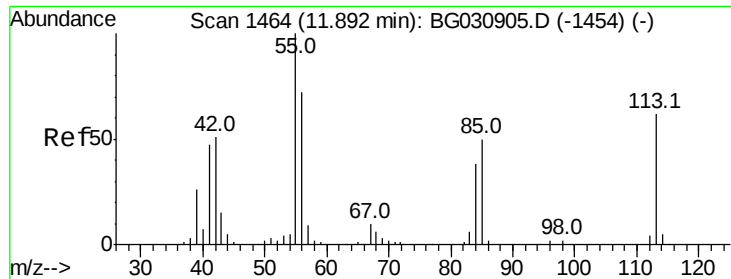


#34  
Hexachlorobutadiene  
Concen: 46.352 ng  
RT: 11.27 min Scan# 1359  
Delta R.T. -0.03 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.5 | 49.7  | 74.5 |       |       |
| 227     | 65.3 | 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





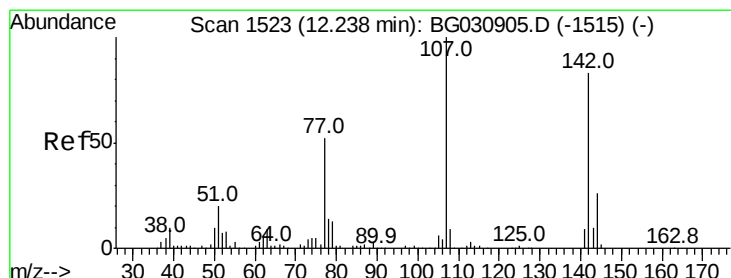
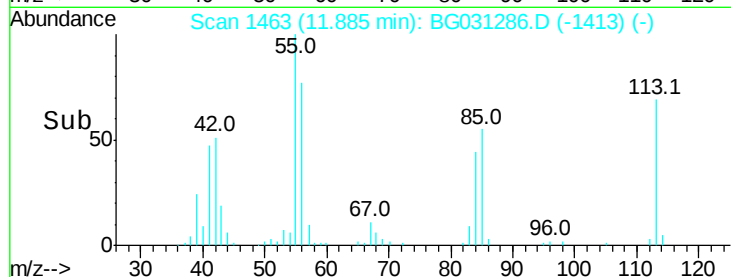
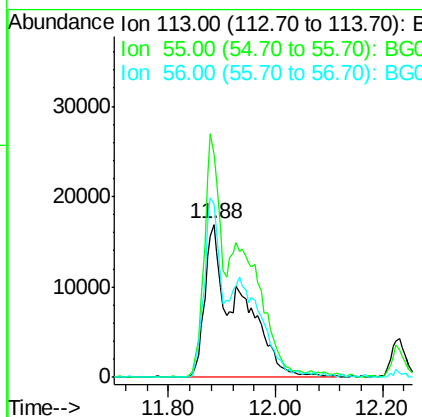
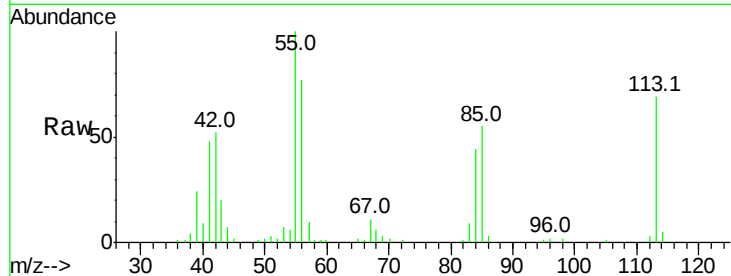
#35  
 Caprolactam  
 Concen: 38.996 ng/ml  
 RT: 11.88 min Scan# 1463  
 Delta R.T. -0.00 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleID :  
 ETGI-294MSD

Tot Ion:113 Resp: 75004  
 Ion Ratio Lower Upper  
 113 100  
 55 145.4 186.9 226.9#  
 56 112.6 130.9 170.9#

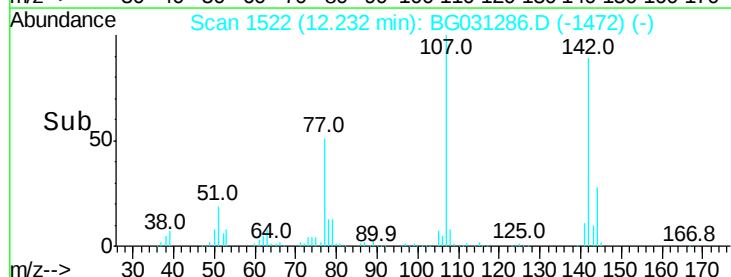
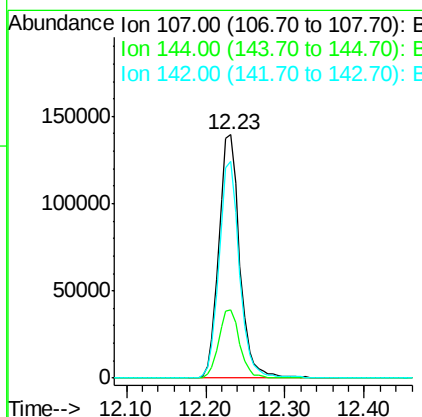
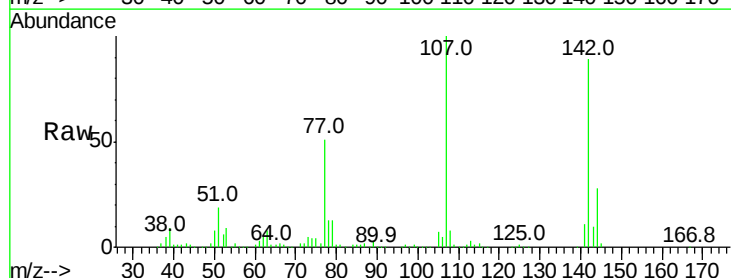
Manual Integrations  
 APPROVED

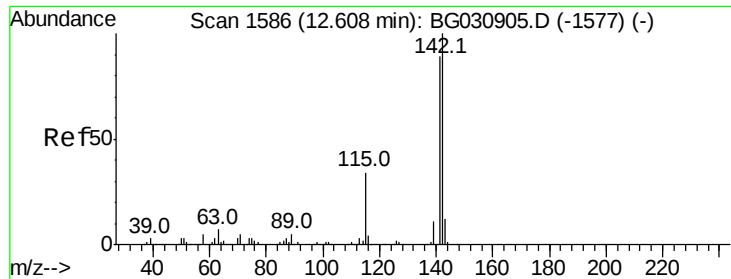
Sohil  
 11/30/2017 9:16:48 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.713 ng/ml  
 RT: 12.23 min Scan# 1522  
 Delta R.T. -0.00 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Tgt Ion:107 Resp: 254749  
 Ion Ratio Lower Upper  
 107 100  
 144 28.2 18.2 27.4#  
 142 89.2 59.0 88.4#





#37

2-Methylnaphthalene

Concen: 49.815 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031286.D

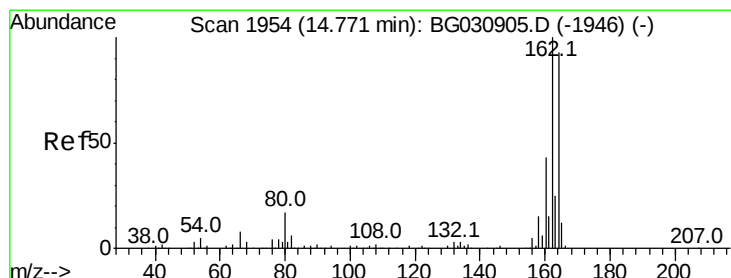
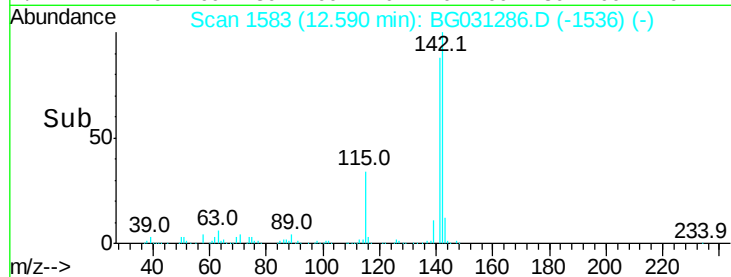
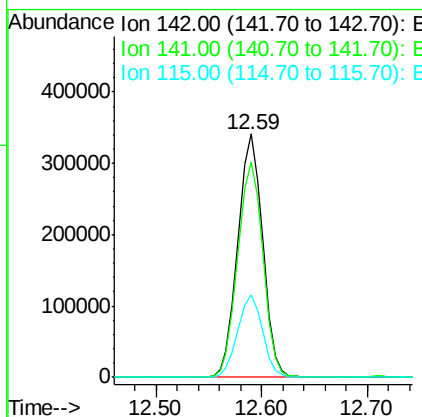
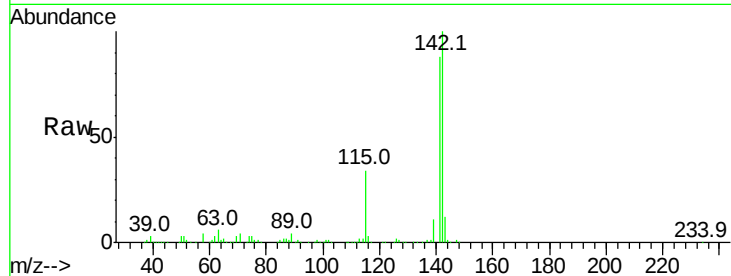
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 67.1  | 100.7 |
| 115     | 33.8  | 30.7  | 46.1  |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#38

Acenaphthene-d10

Concen: 20.000 ng

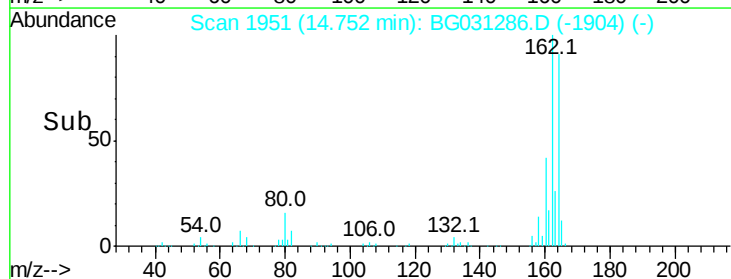
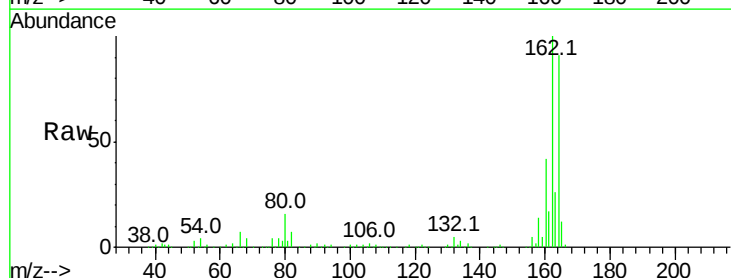
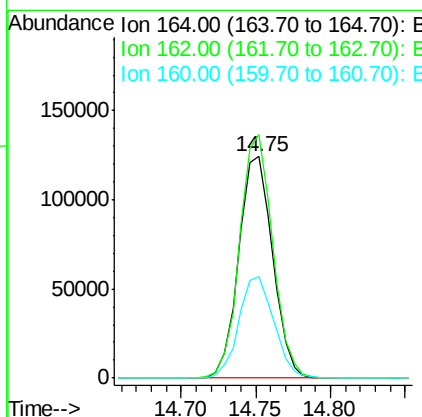
RT: 14.75 min Scan# 1951

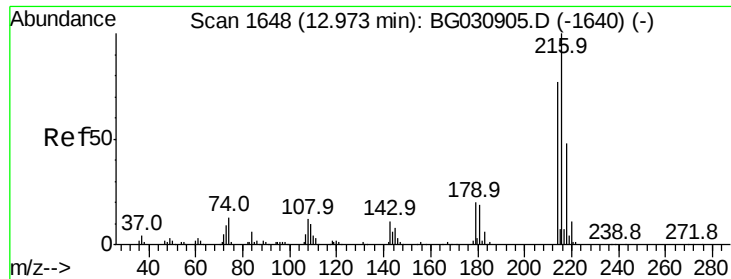
Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 109.9 | 78.8  | 118.2 |
| 160     | 45.6  | 35.4  | 53.0  |





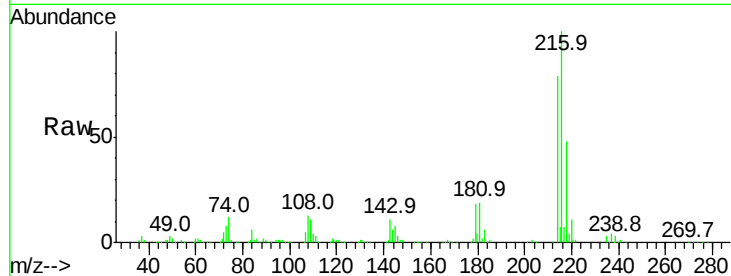
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.275 ng  
 RT: 12.95 min Scan# 1645  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

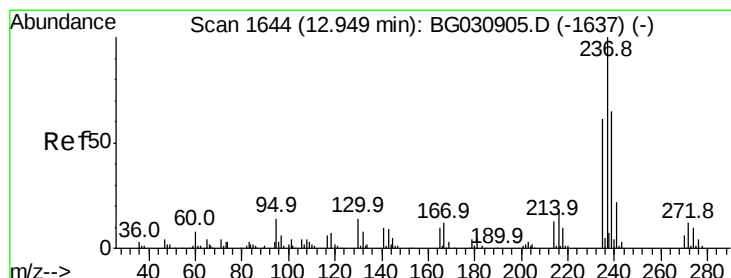
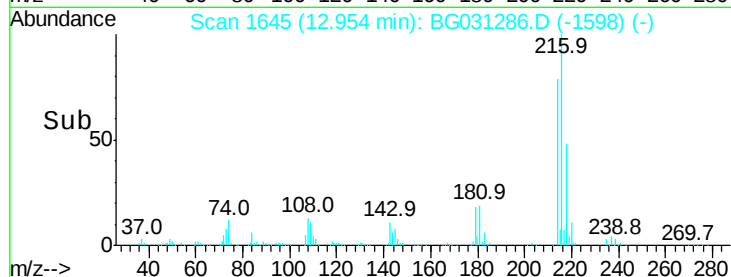
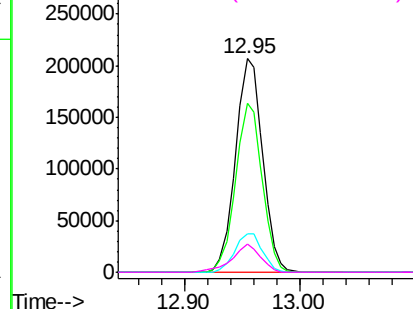
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 77.7  | 63.0 | 94.4  |       |
| 179     | 18.5  | 17.0 | 25.6  |       |
| 108     | 13.9  | 12.8 | 19.2  |       |

Manual Integrations  
 APPROVED

Sohil  
 11/30/2017 9:16:48 AM

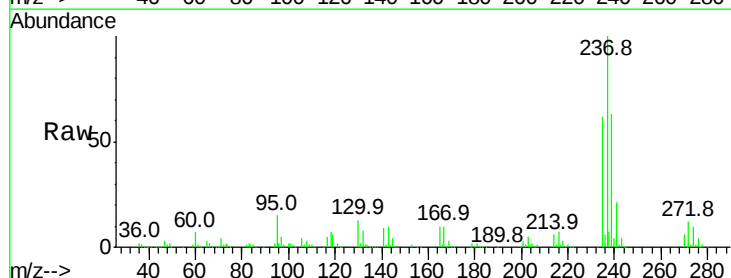


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

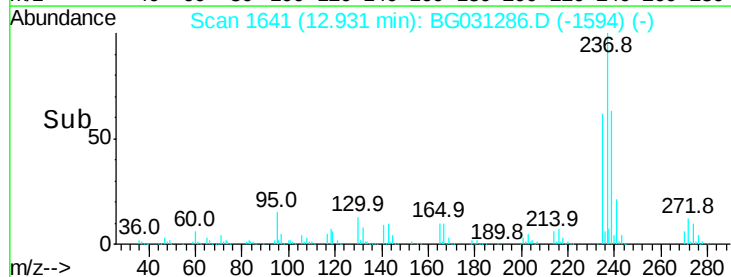
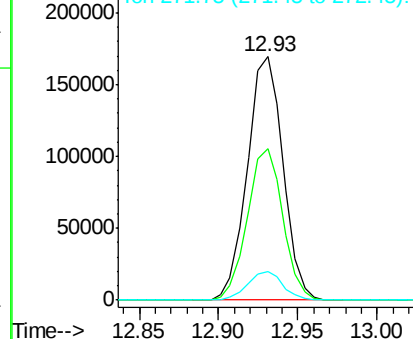


#40  
 Hexachlorocyclopentadiene  
 Concen: 90.700 ng  
 RT: 12.93 min Scan# 1641  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 62.3  | 50.4 | 90.4  |       |
| 272     | 11.6  | 0.0  | 31.8  |       |



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





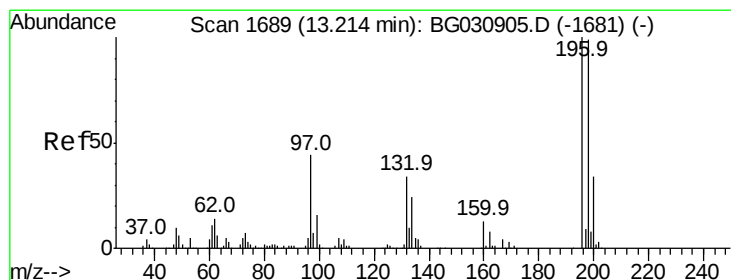
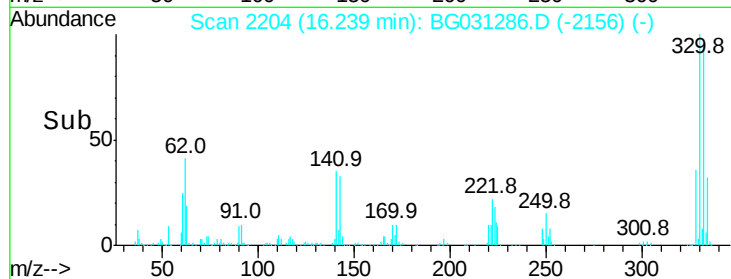
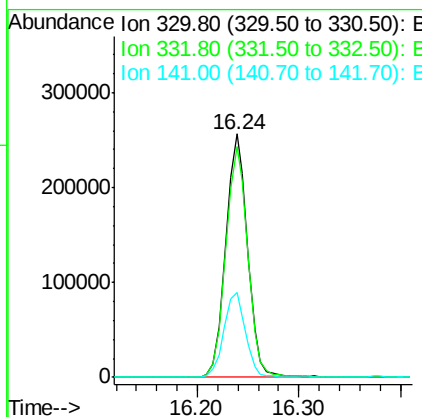
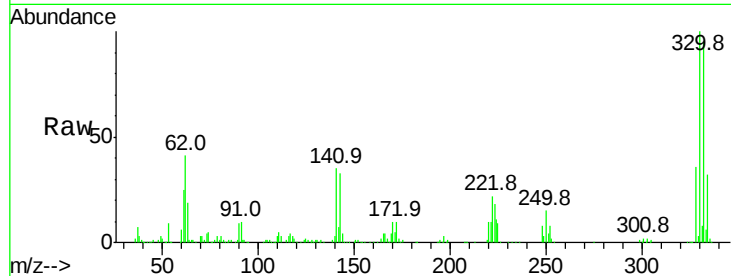
#41  
 2,4,6-Tribromophenol  
 Concen: 121.215 ng  
 RT: 16.24 min Scan# 2204  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.1  | 77.0 | 115.6 |       |
| 141     | 34.8  | 25.2 | 37.8  |       |

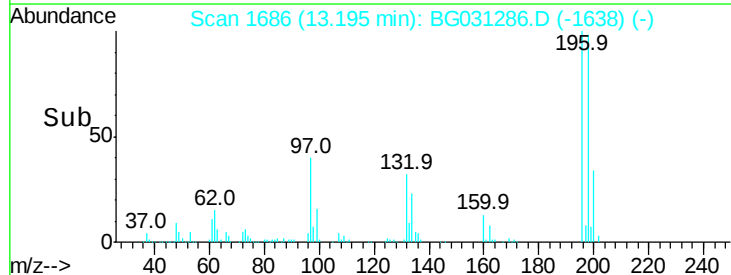
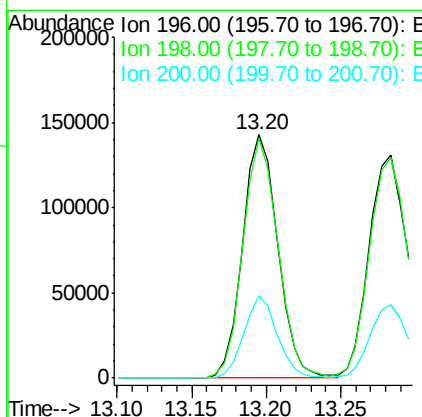
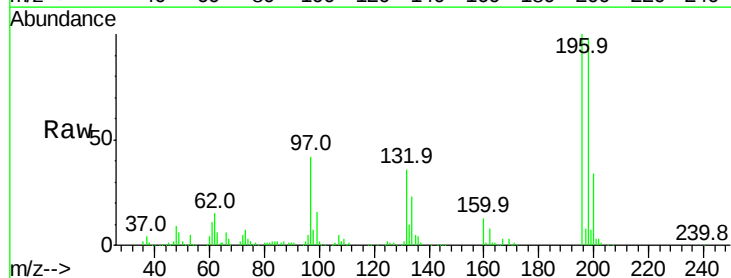
Manual Integrations  
 APPROVED

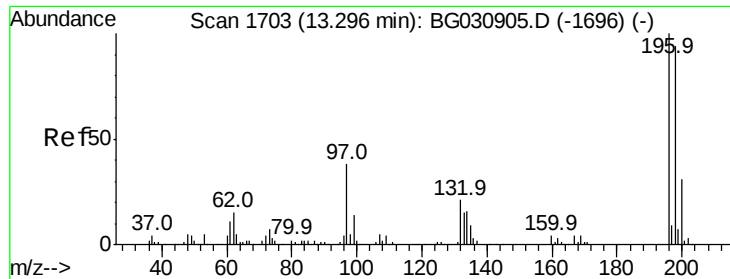
Sohil  
 11/30/2017 9:16:48 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 52.802 ng  
 RT: 13.20 min Scan# 1686  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 98.5  | 78.2 | 117.2 |       |
| 200     | 33.9  | 24.6 | 36.8  |       |





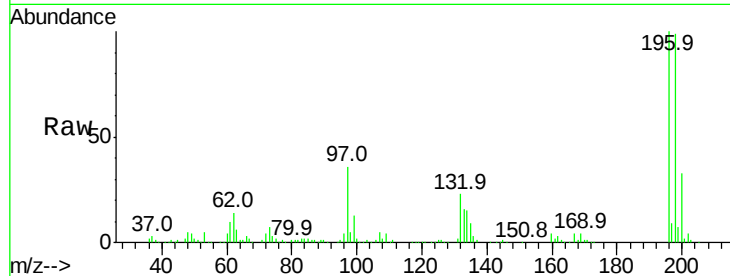
#43  
 2,4,5-Trichlorophenol  
 Concen: 50.935 ng  
 RT: 13.28 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.7  | 76.2  | 114.4 |
| 97      | 35.7  | 38.7  | 58.1# |
| 132     | 22.5  | 20.2  | 30.2  |

Manual Integrations  
 APPROVED

Sohil  
 11/30/2017 9:16:48 AM



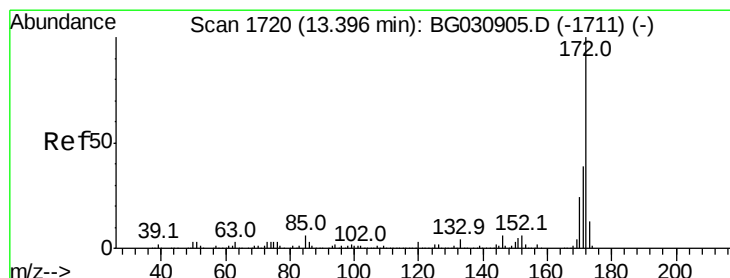
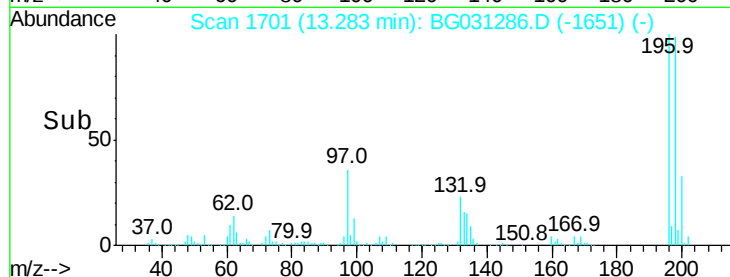
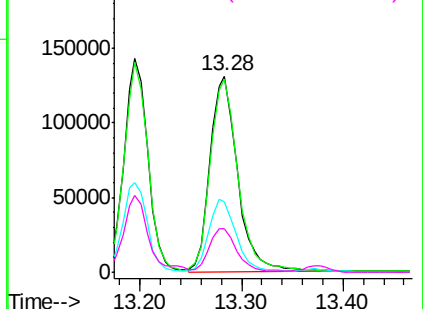
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

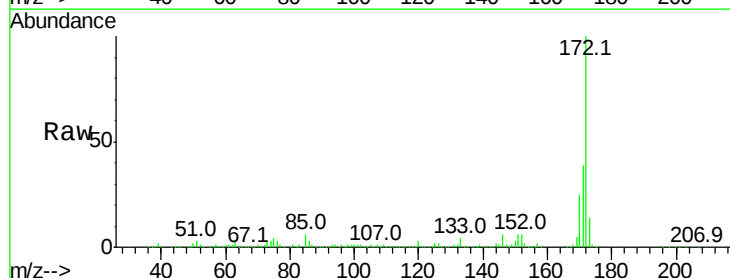
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 98.745 ng  
 RT: 13.38 min Scan# 1717  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.8  | 30.0  | 45.0  |
| 170     | 25.2  | 19.5  | 29.3  |

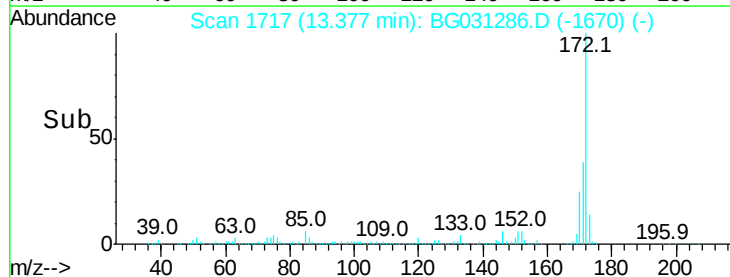
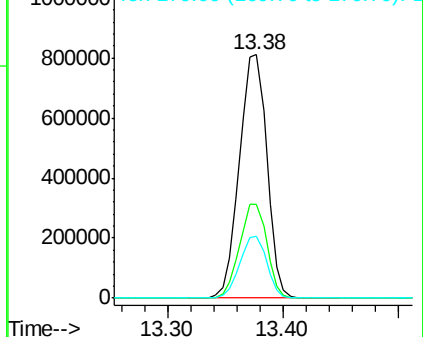


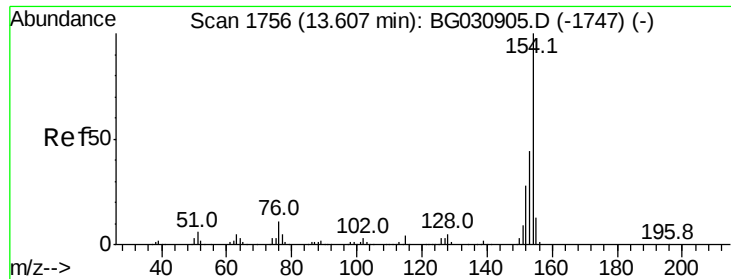
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





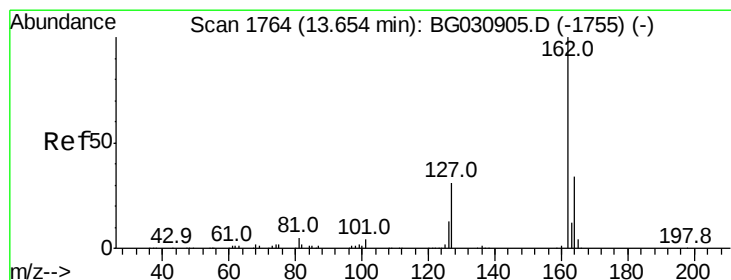
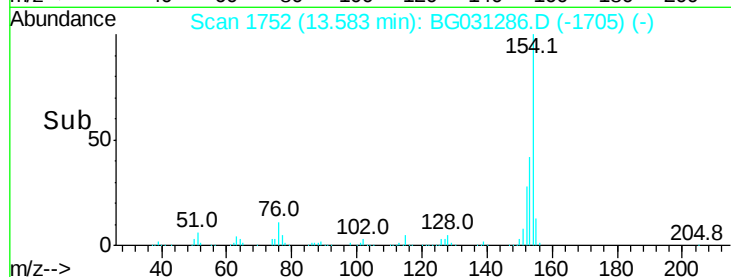
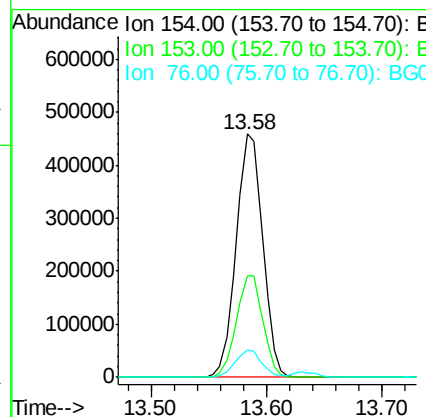
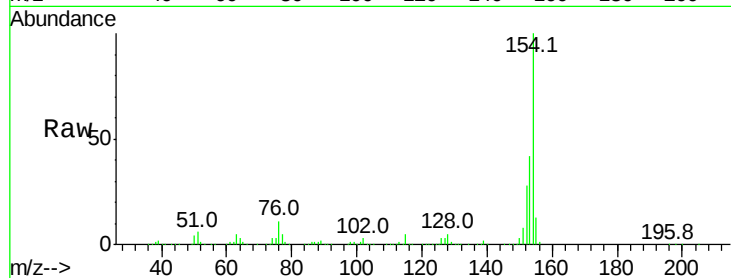
#45  
1,1'-Biphenyl  
Concen: 45.000 ng  
RT: 13.58 min Scan# 1752  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 19.8  | 59.8  |
| 76      | 11.4  | 0.0   | 31.9  |

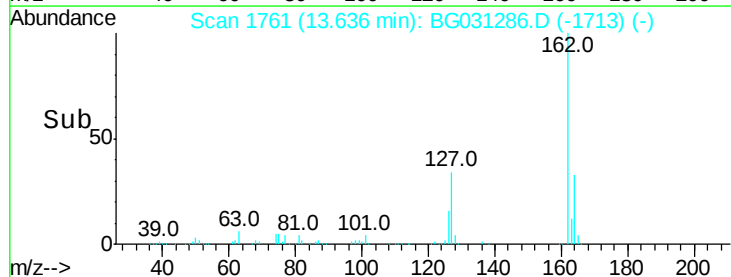
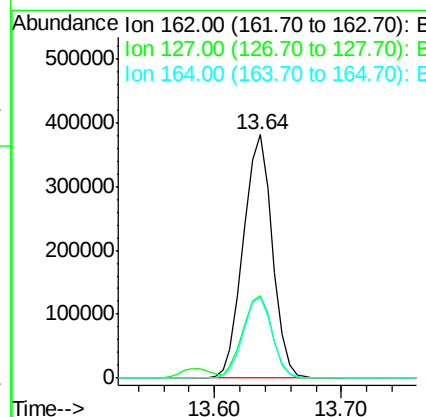
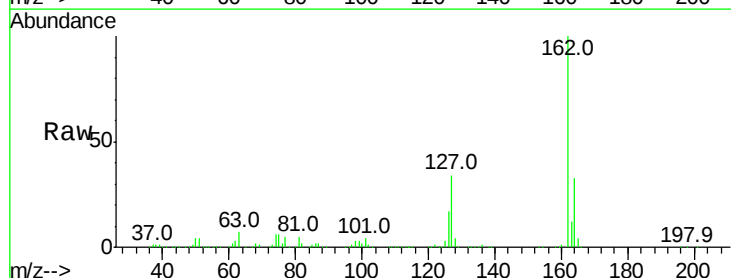
Manual Integrations  
APPROVED

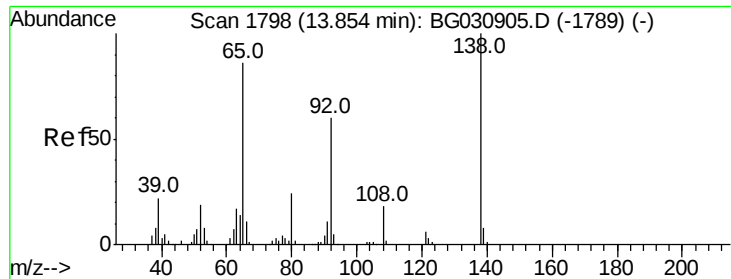
Sohil  
11/30/2017 9:16:48 AM



#46  
2-Chloronaphthalene  
Concen: 51.661 ng  
RT: 13.64 min Scan# 1761  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 33.7  | 30.7  | 46.1  |
| 164     | 33.3  | 26.0  | 39.0  |





#47

2-Nitroaniline

Concen: 48.219 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

ETGI-294MSD

Tot Ion: 65 Resp: 167174

Ion Ratio Lower Upper

65 100

92 70.3 54.6 82.0

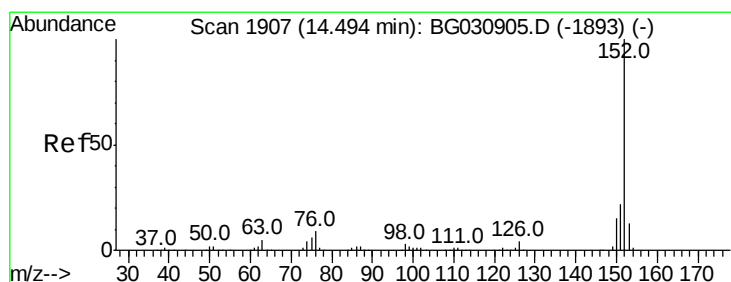
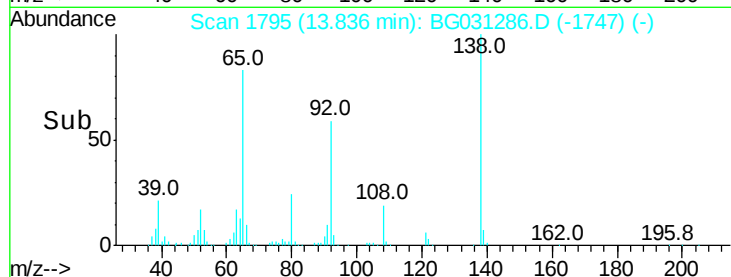
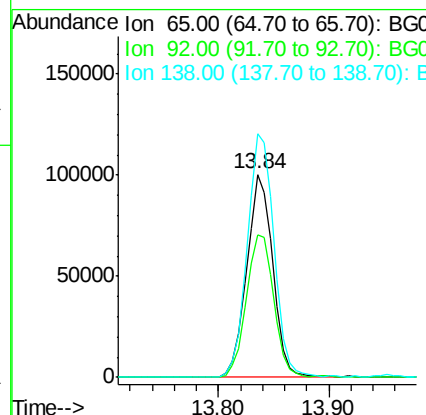
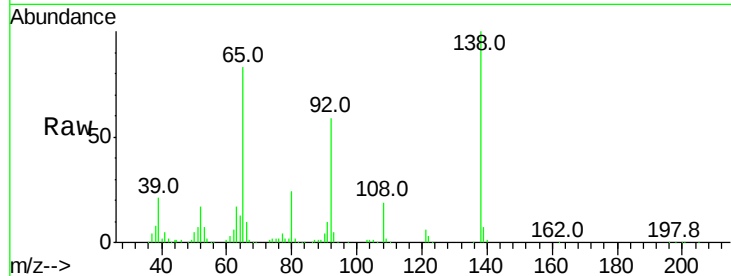
138 119.9 72.9 109.3#

Manual Integrations

APPROVED

Sohil

11/30/2017 9:16:48 AM



#48

Acenaphthylene

Concen: 47.896 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

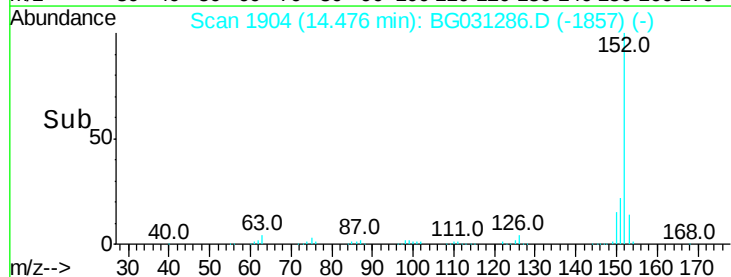
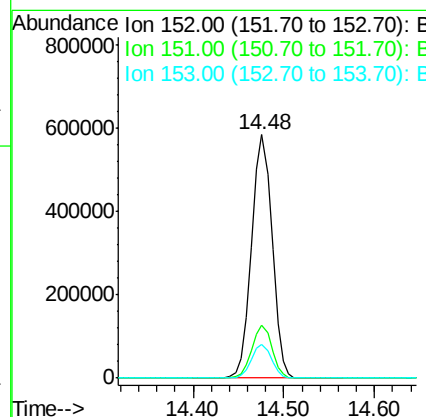
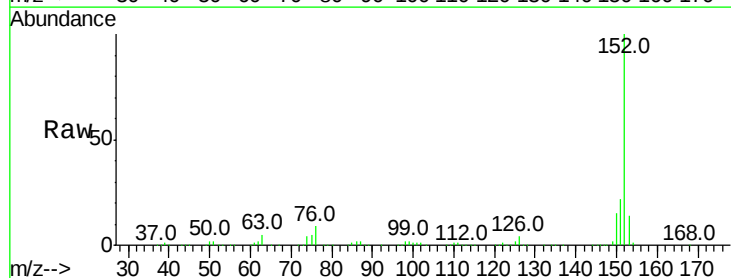
Tgt Ion: 152 Resp: 916957

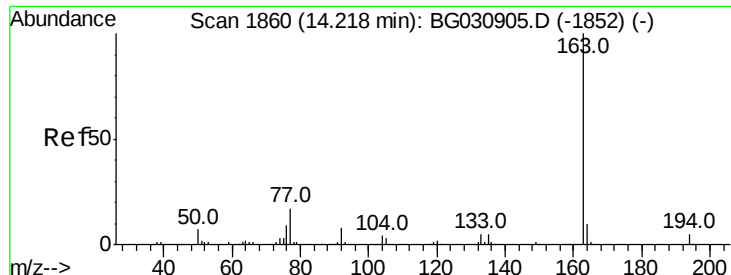
Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

153 13.6 10.2 15.4





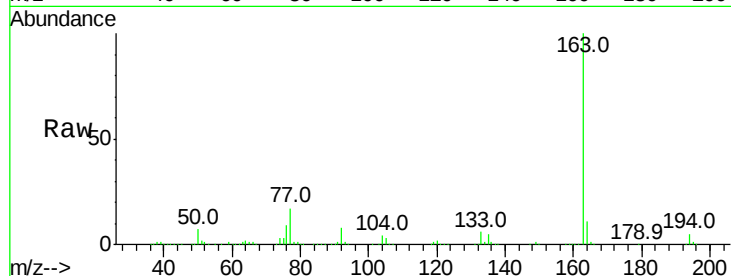
#49  
Dimethylphthalate  
Concen: 48.448 ng  
RT: 14.20 min Scan# 1857  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

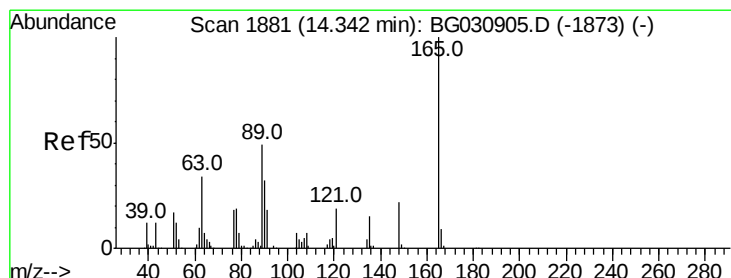
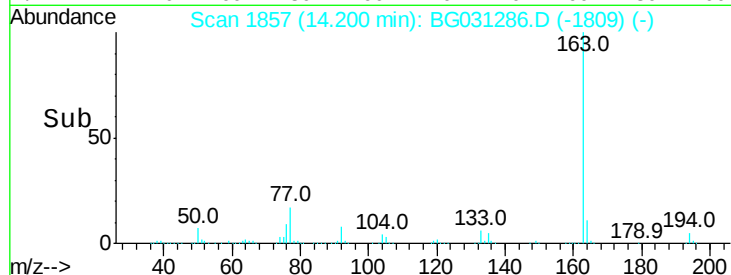
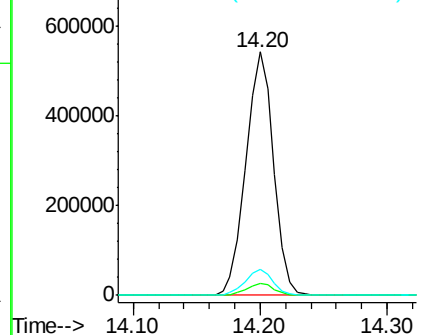
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 818976 |       |       |
| 194     | 4.9   |        | 3.4   | 5.2   |
| 164     | 10.6  |        | 8.2   | 12.4  |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM

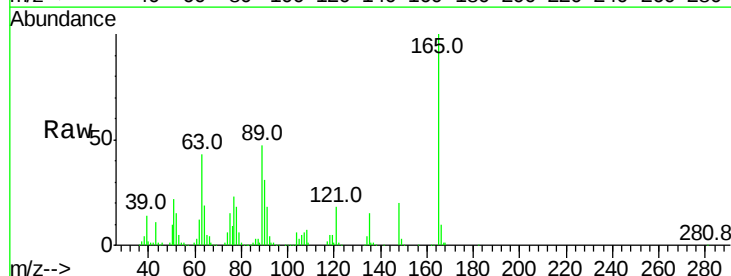


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

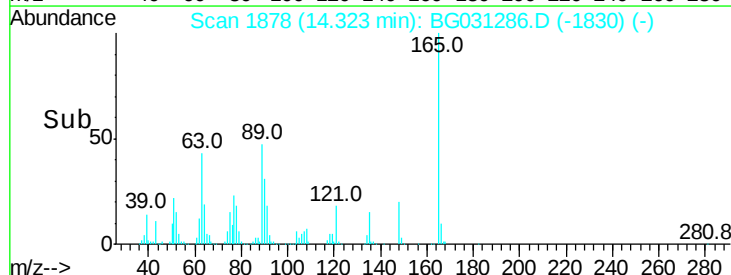
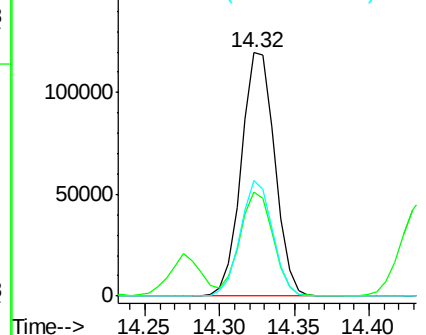


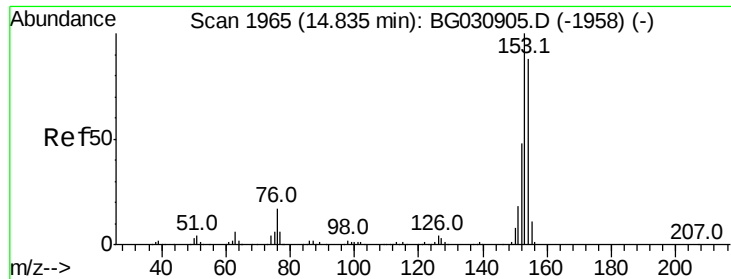
#50  
2,6-Dinitrotoluene  
Concen: 53.439 ng  
RT: 14.32 min Scan# 1878  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 186191 |       |       |
| 63      | 42.9  |        | 52.7  | 79.1# |
| 89      | 47.5  |        | 49.2  | 73.8# |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 48.303 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

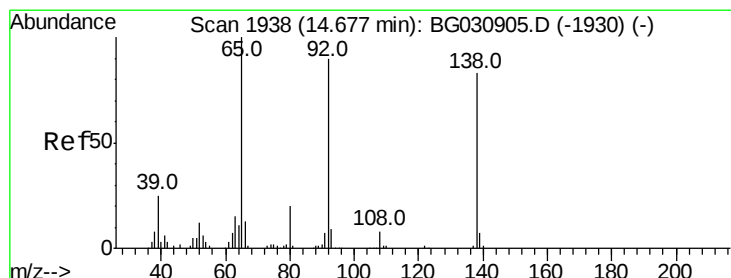
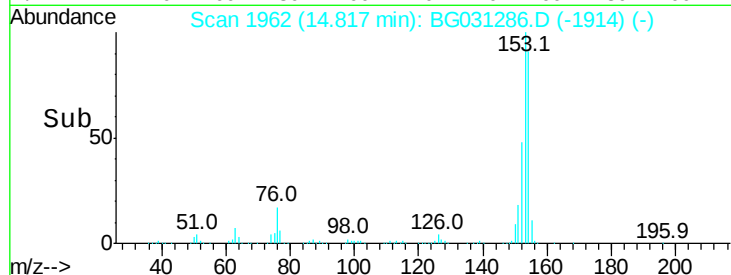
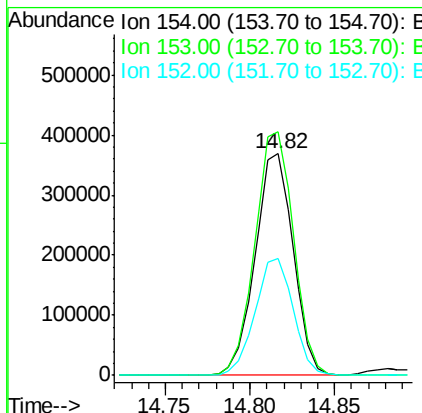
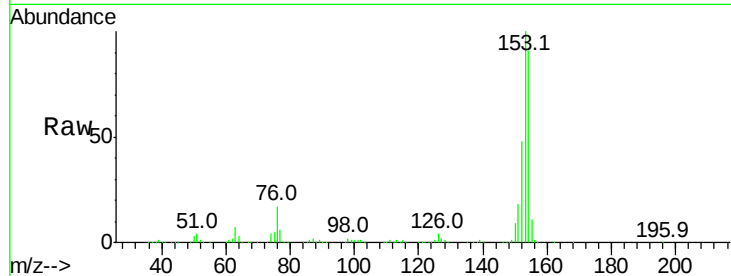
ClientSampleId :

ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 577542 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 109.9 | 90.4  | 135.6  |
| 152       | 52.9  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#52

3-Nitroaniline

Concen: 3.258 ng

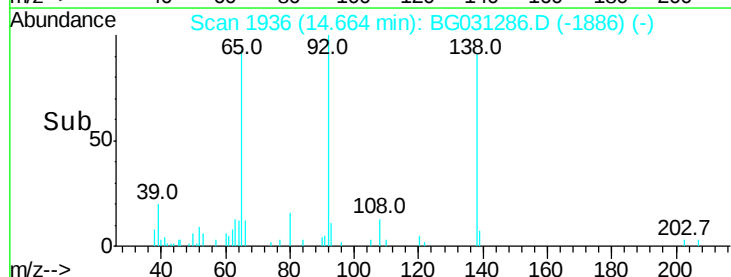
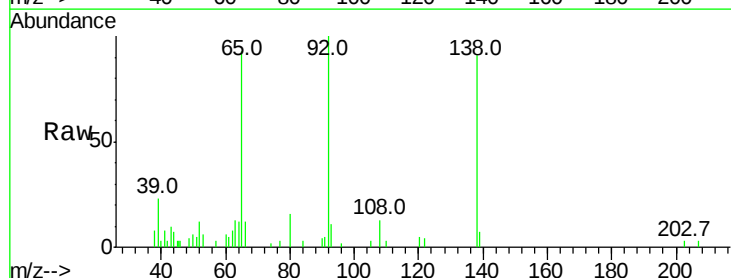
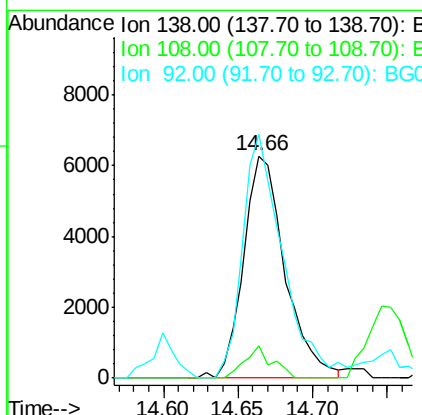
RT: 14.66 min Scan# 1936

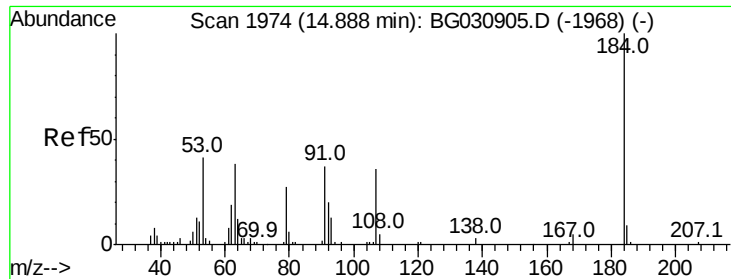
Delta R.T. -0.00 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 12053 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 14.7  | 17.5  | 26.3# |
| 92        | 109.6 | 105.8 | 158.8 |





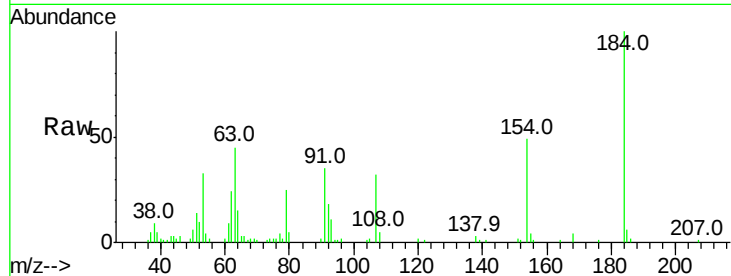
#53  
2,4-Dinitrophenol  
Concen: 27.998 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampled :  
ETGI-294MSD

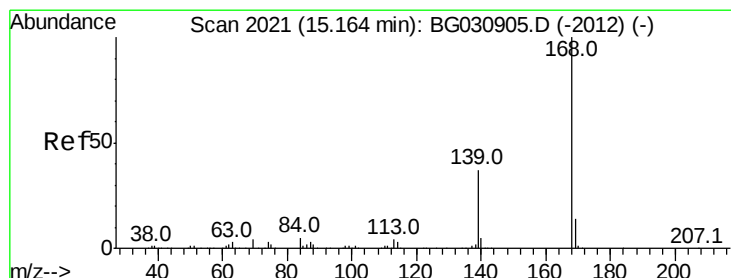
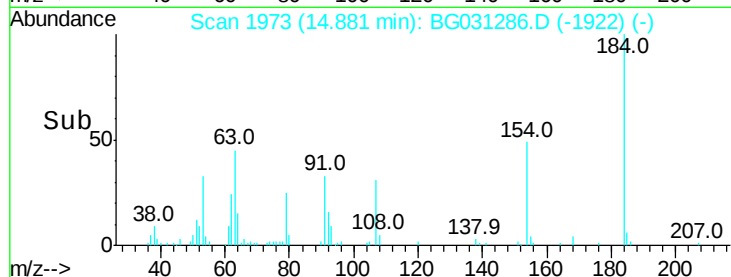
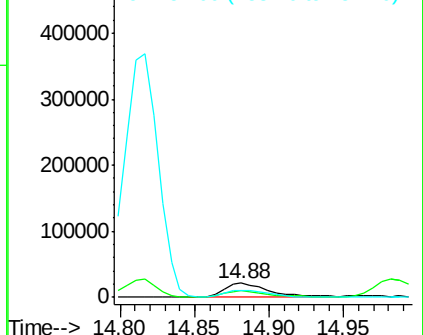
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 44.5  | 59.8  | 89.8#  |
| 154     | 49.2  | 101.8 | 152.8# |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



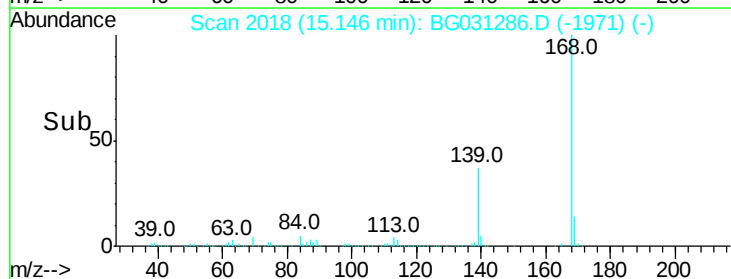
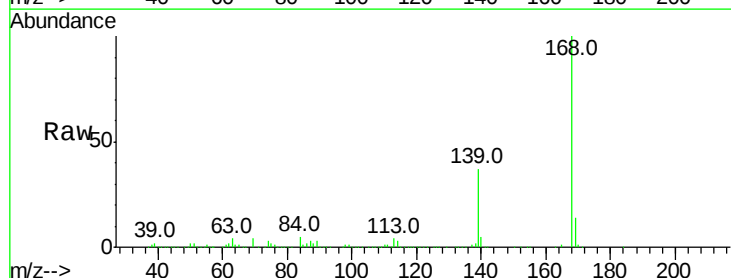
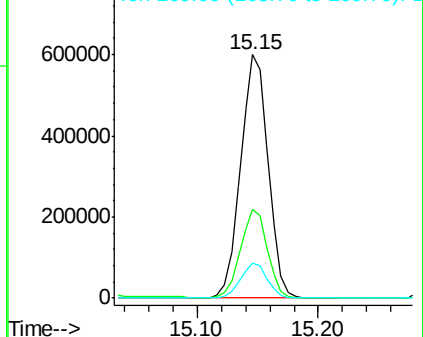
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 154.00 (153.70 to 154.70): E

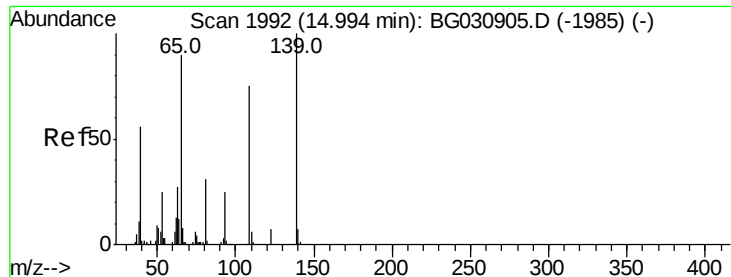


#54  
Dibenzofuran  
Concen: 49.729 ng  
RT: 15.15 min Scan# 2018  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.6  | 28.6  | 43.0  |
| 169     | 14.5  | 11.2  | 16.8  |

Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





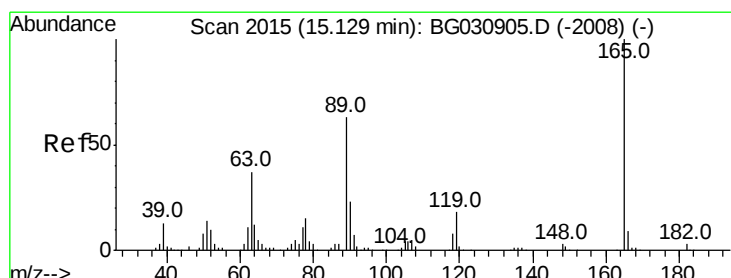
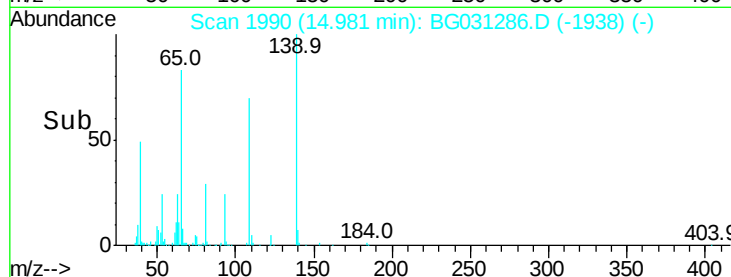
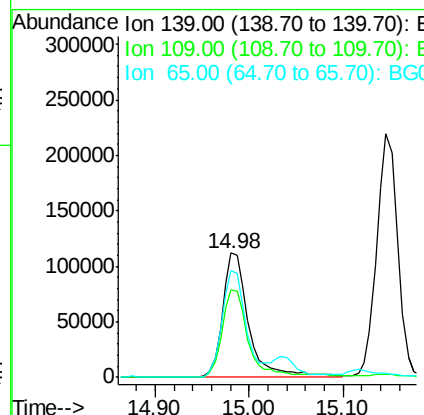
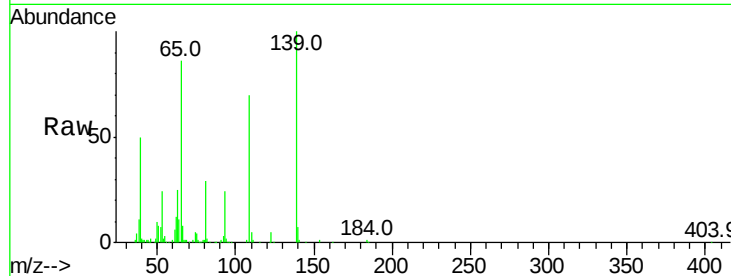
#55  
4-Nitrophenol  
Concen: 83.212 ng  
RT: 14.98 min Scan# 1990  
Delta R.T. 0.01 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 70.0  | 62.2  | 102.2  |
| 65      | 85.9  | 97.2  | 137.2# |

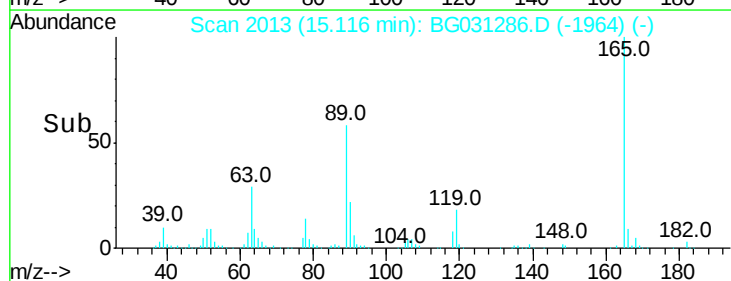
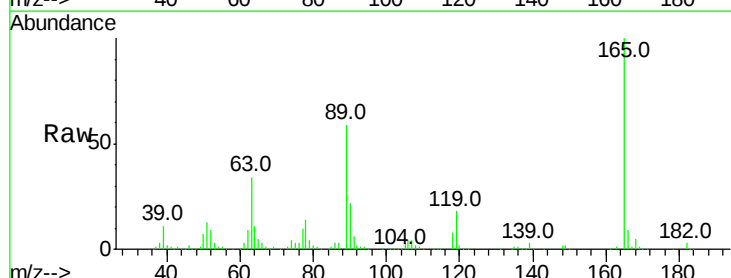
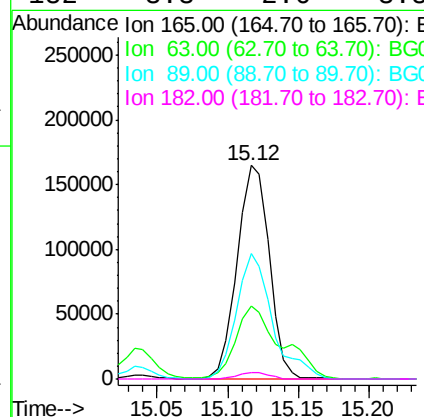
Manual Integrations  
APPROVED

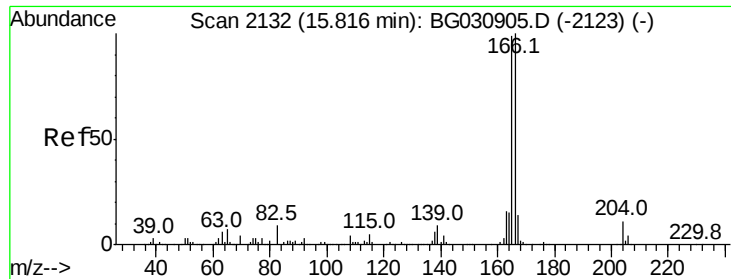
Sohil  
11/30/2017 9:16:48 AM



#56  
2,4-Dinitrotoluene  
Concen: 52.100 ng  
RT: 15.12 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 165     | 100   |       |        |
| 63      | 33.9  | 42.0  | 63.0#  |
| 89      | 59.0  | 66.9  | 100.3# |
| 182     | 3.3   | 2.6   | 3.8    |





#57

Fluorene

Concen: 49.045 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

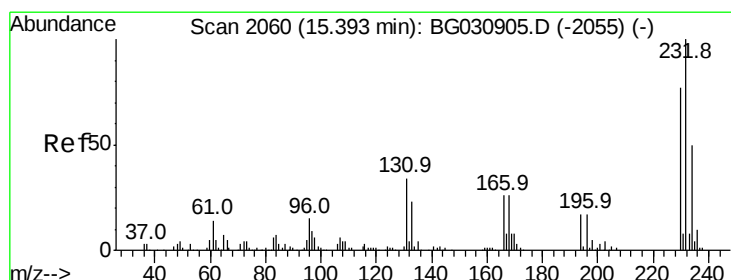
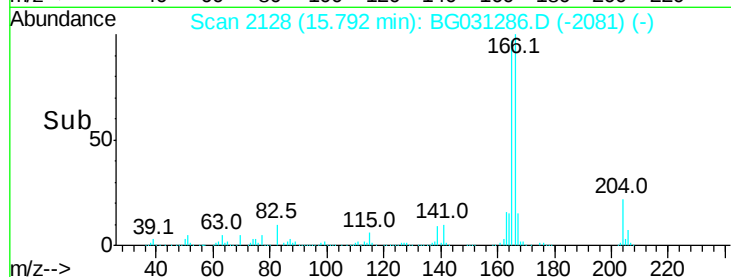
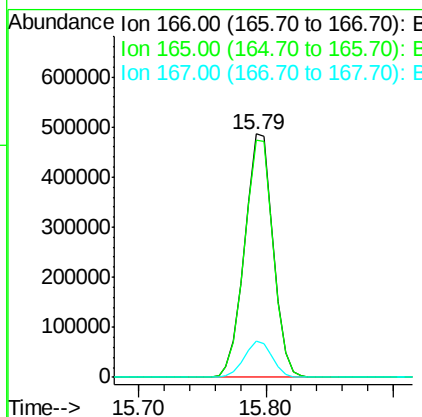
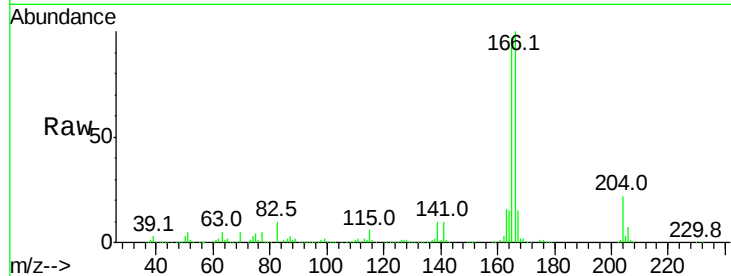
ClientSampleId :

ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 758319 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.5  | 80.6  | 121.0  |
| 167       | 14.8  | 10.4  | 15.6   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.712 ng

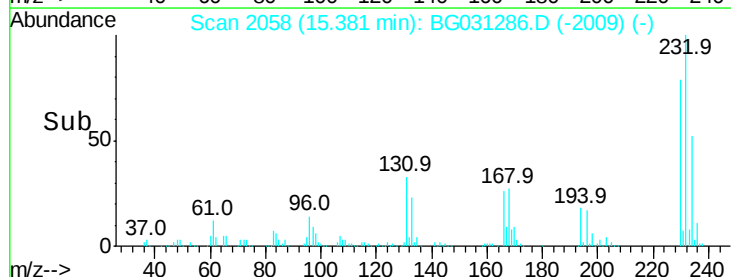
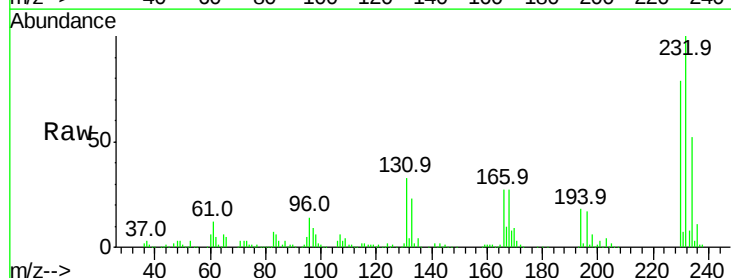
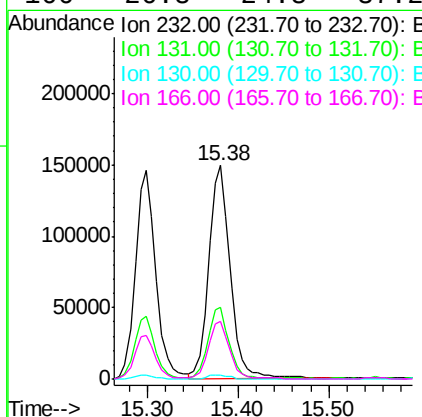
RT: 15.38 min Scan# 2058

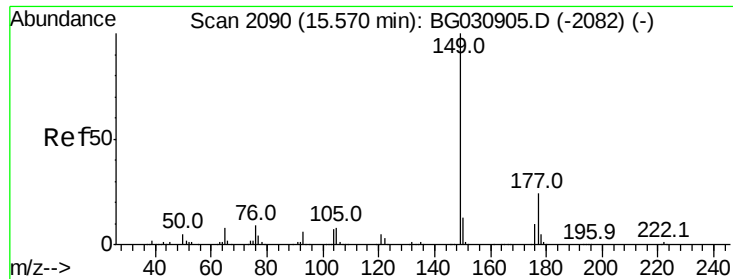
Delta R.T. -0.01 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 243827 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 33.0  | 33.5  | 50.3#  |
| 130       | 2.0   | 2.2   | 3.2#   |
| 166       | 26.8  | 24.8  | 37.2   |





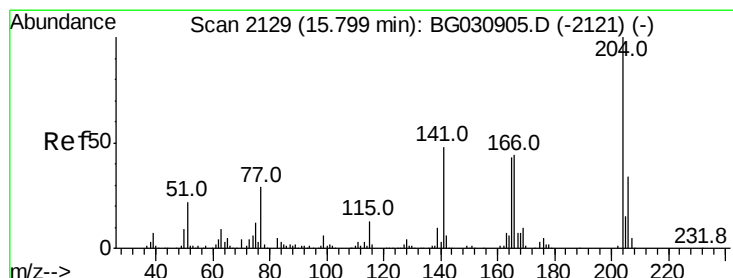
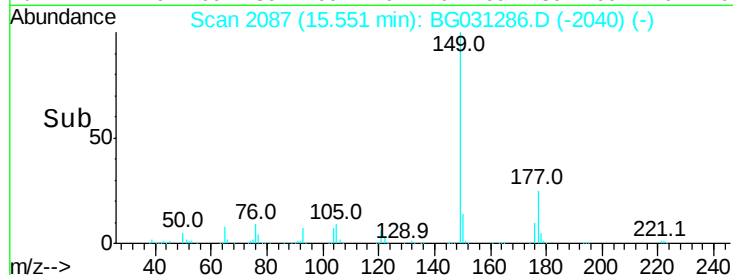
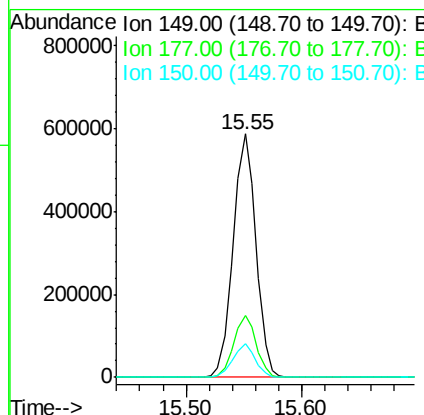
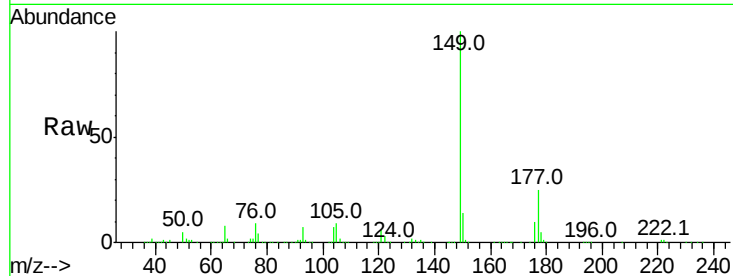
#59  
Diethylphthalate  
Concen: 46.666 ng  
RT: 15.55 min Scan# 2087  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 801295 |       |       |
| 177     | 25.2  | 18.5   | 27.7  |       |
| 150     | 13.6  | 10.2   | 15.2  |       |

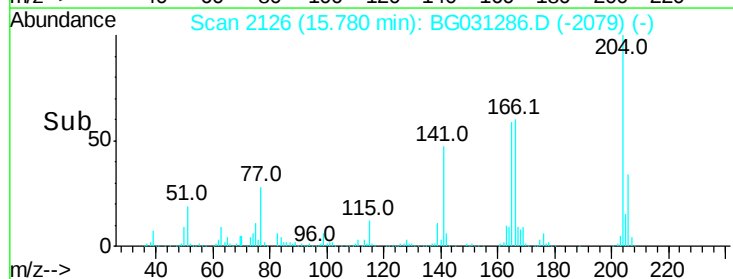
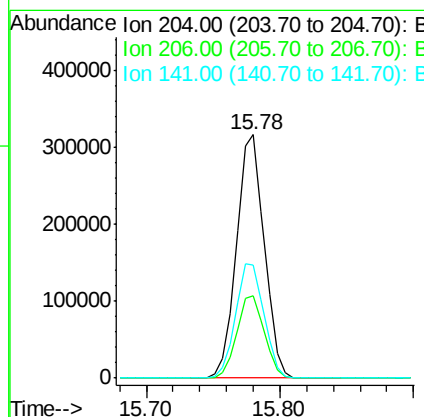
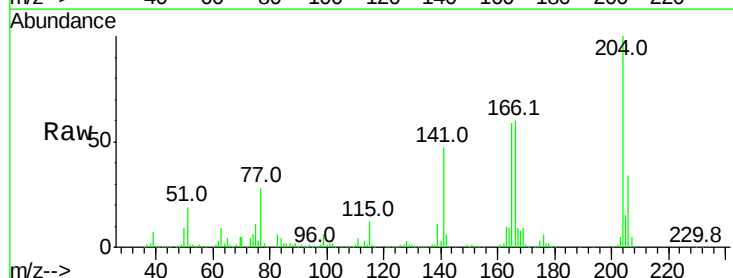
Manual Integrations  
APPROVED

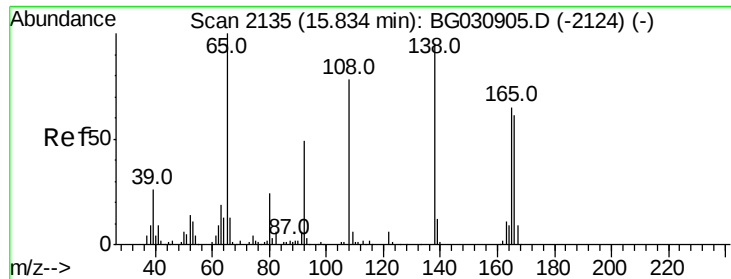
Sohil  
11/30/2017 9:16:48 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.696 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 454727 |       |       |
| 206     | 33.6  | 26.2   | 39.2  |       |
| 141     | 46.7  | 45.8   | 68.6  |       |





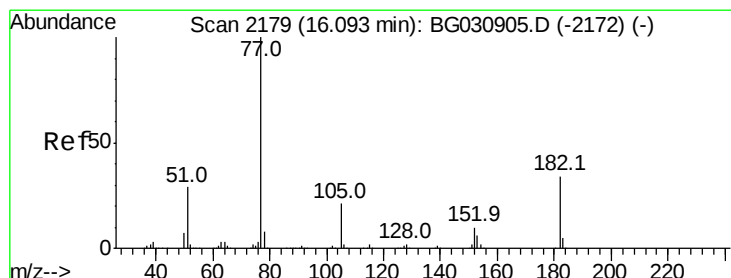
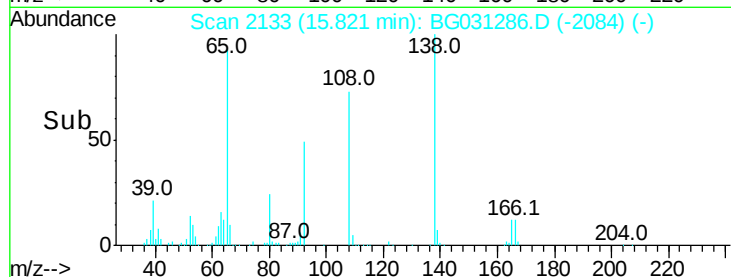
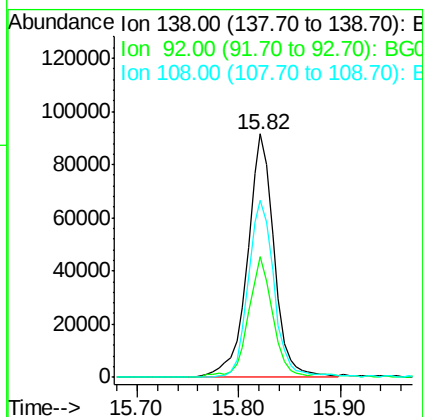
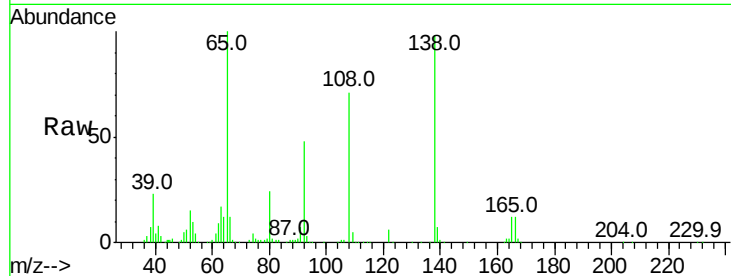
#61  
4-Nitroaniline  
Concen: 42.577 ng  
RT: 15.82 min Scan# 2133  
Delta R.T. -0.01 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.5  | 40.1  | 80.1  |
| 108     | 72.6  | 65.4  | 105.4 |

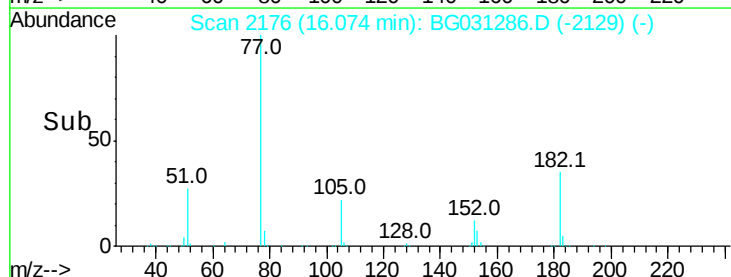
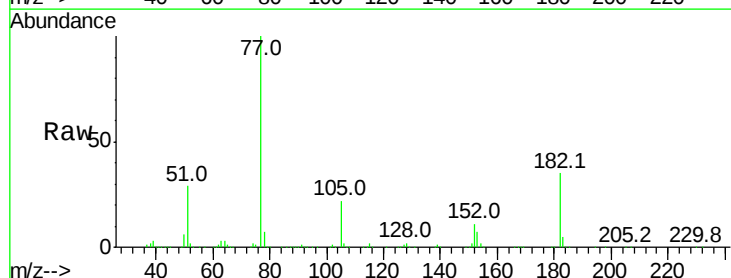
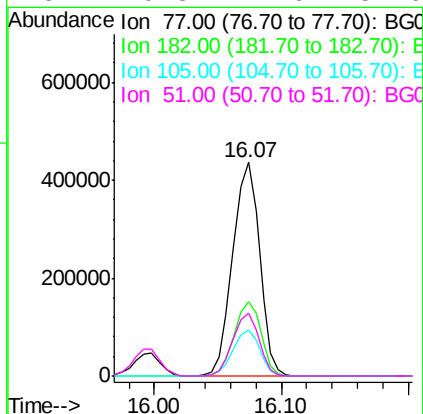
Manual Integrations  
APPROVED

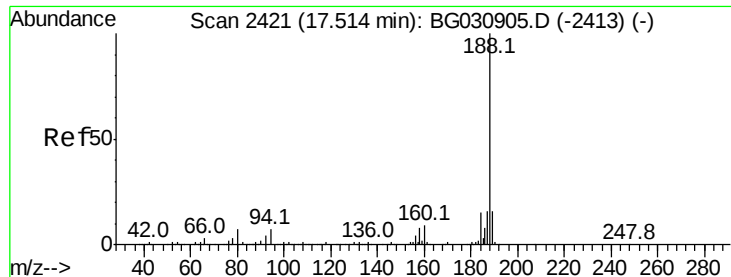
Sohil  
11/30/2017 9:16:48 AM



#62  
Azobenzene  
Concen: 48.778 ng  
RT: 16.07 min Scan# 2176  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 34.7  | 7.4   | 47.4  |
| 105     | 21.6  | 0.3   | 40.3  |
| 51      | 29.3  | 11.6  | 51.6  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

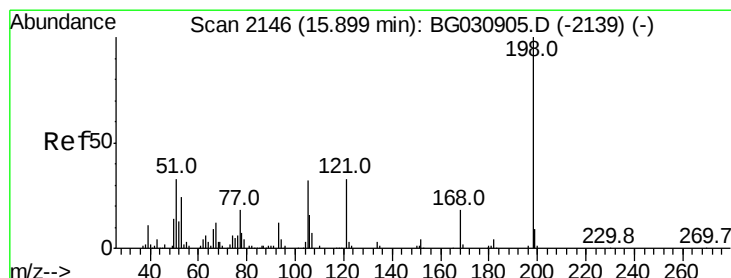
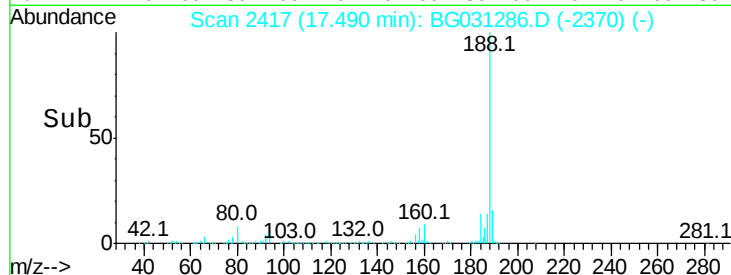
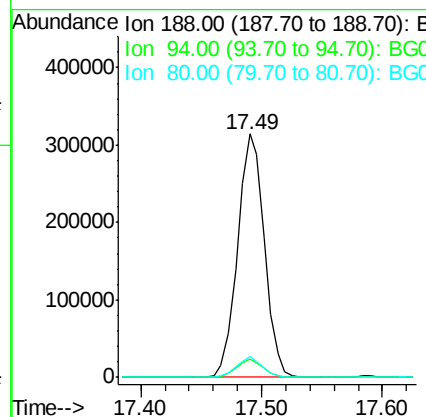
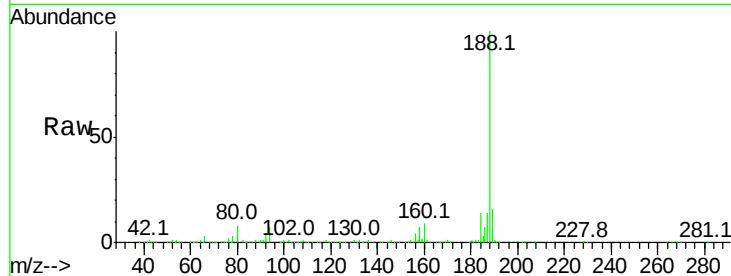
ClientSampleId :

ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 484907 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.3   | 6.9   | 10.3   |
| 80        | 8.5   | 7.7   | 11.5   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 19.477 ng

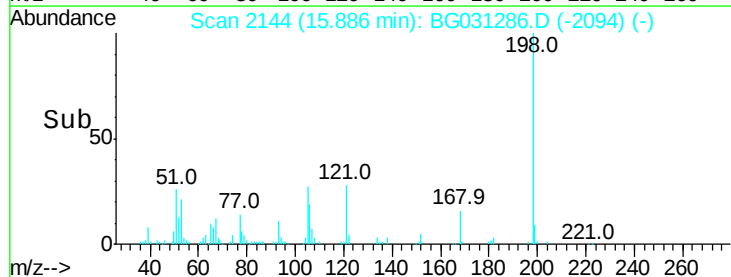
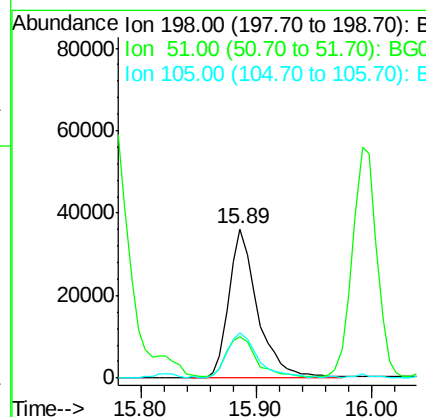
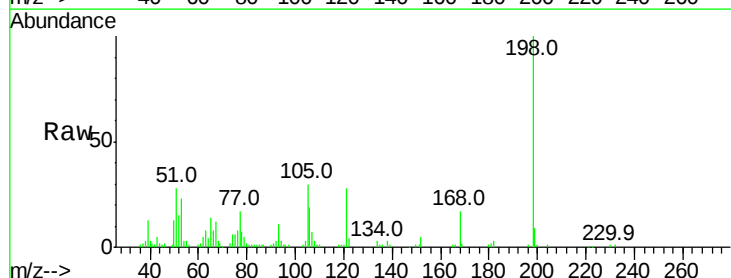
RT: 15.89 min Scan# 2144

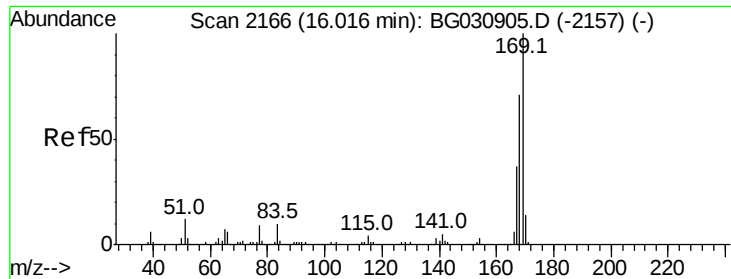
Delta R.T. -0.00 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 62778 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 28.1  | 30.6  | 70.6# |
| 105       | 30.5  | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 48.361 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

ETGI-294MSD

Tot Ion:169 Resp: 710609

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

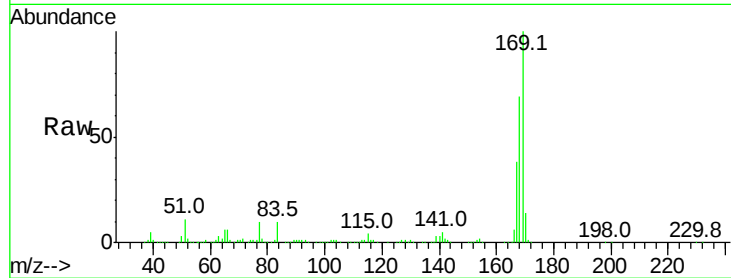
167 38.3 30.1 45.1

Manual Integrations

APPROVED

Sohil

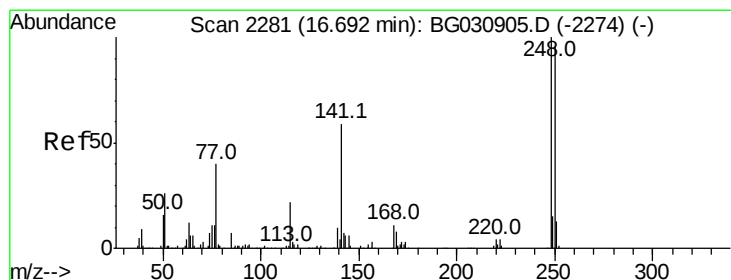
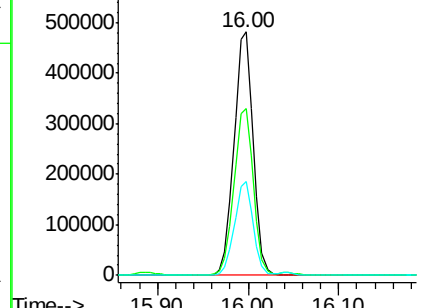
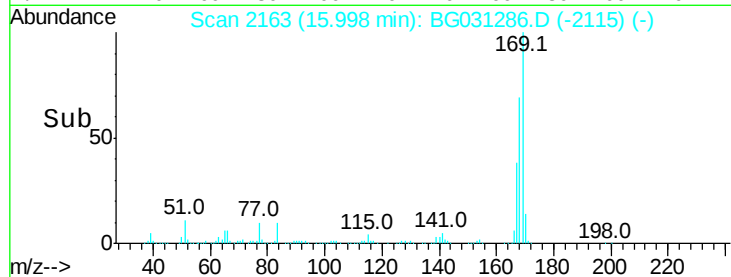
11/30/2017 9:16:48 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.867 ng

RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

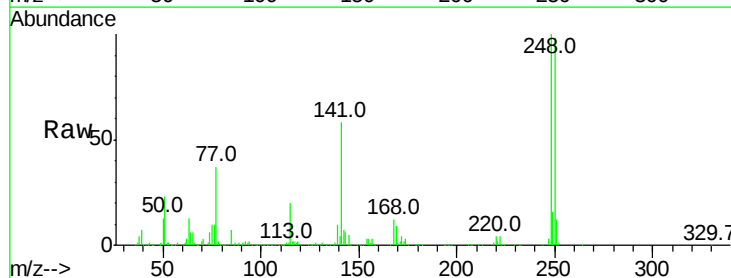
Tgt Ion:248 Resp: 300120

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

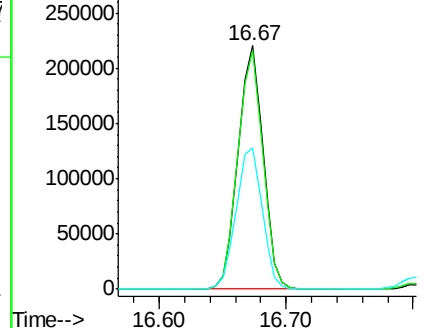
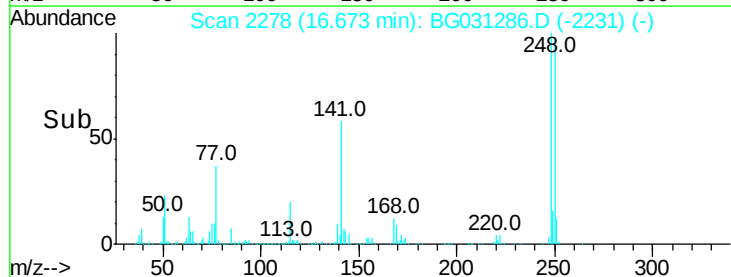
141 57.9 50.8 76.2

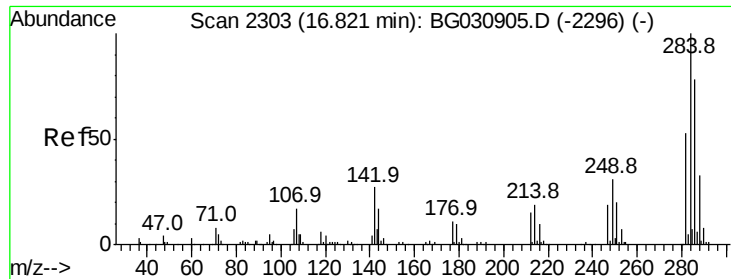


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





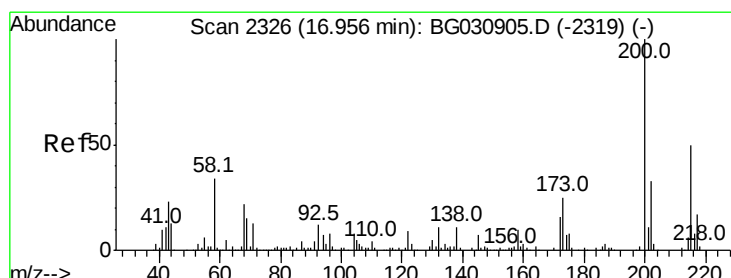
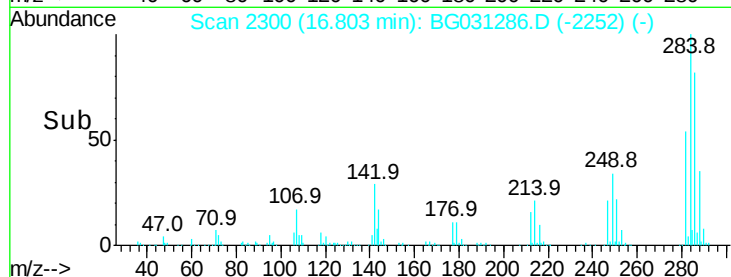
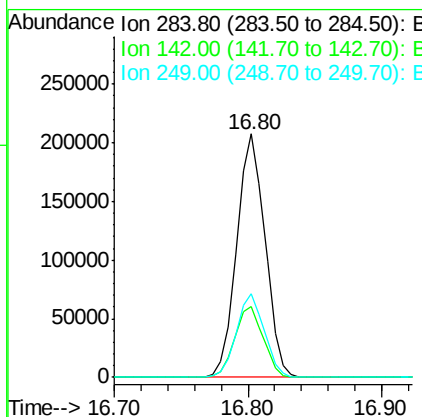
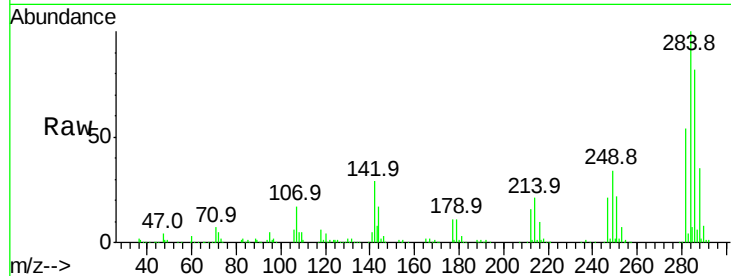
#67  
Hexachlorobenzene  
Concen: 46.593 ng  
RT: 16.80 min Scan# 2300  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 28.9  | 26.8 | 40.2  |       |
| 249     | 34.3  | 26.3 | 39.5  |       |

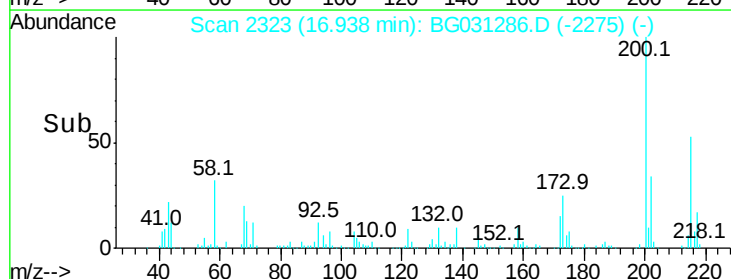
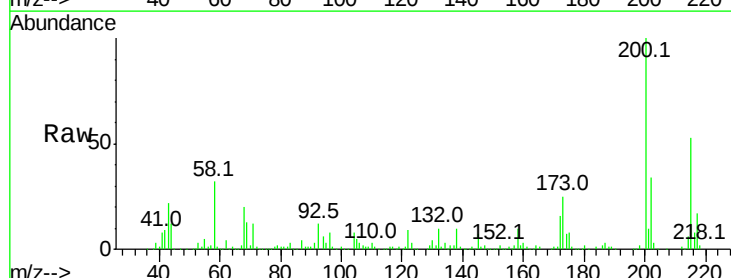
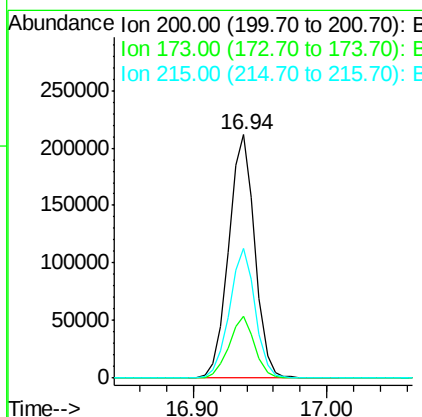
Manual Integrations  
APPROVED

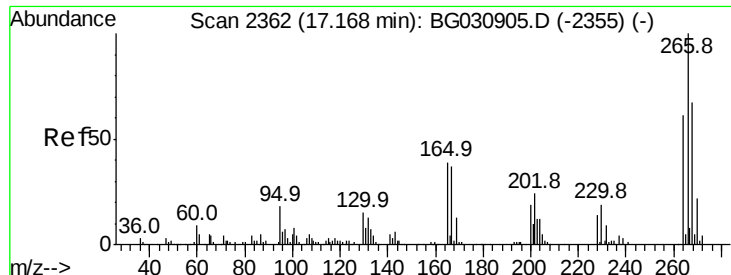
Sohil  
11/30/2017 9:16:48 AM



#68  
Atrazine  
Concen: 47.932 ng  
RT: 16.94 min Scan# 2323  
Delta R.T. -0.02 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 25.2  | 5.2  | 45.2  |       |
| 215     | 53.5  | 30.4 | 70.4  |       |





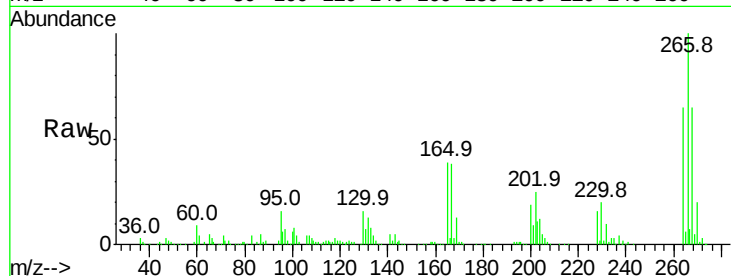
#69  
 Pentachlorophenol  
 Concen: 56.673 ng  
 RT: 17.15 min Scan# 2359  
 Delta R.T. -0.01 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

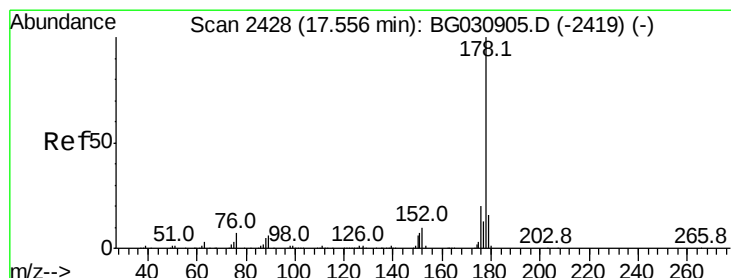
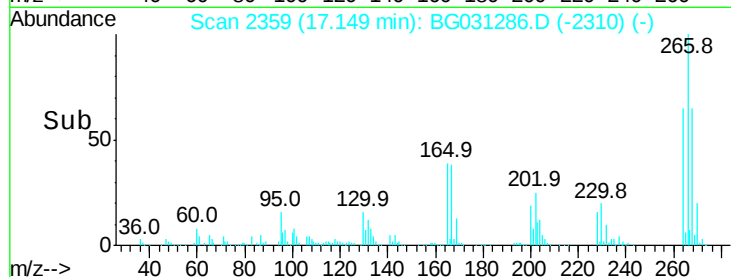
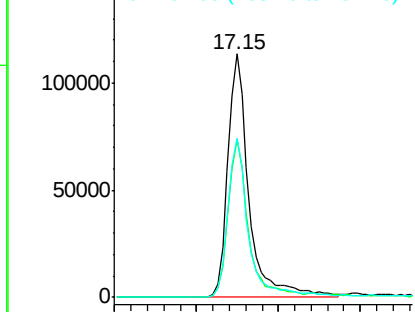
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.8  | 51.1  | 76.7  |
| 264     | 65.4  | 49.6  | 74.4  |

Manual Integrations  
 APPROVED

Sohil  
 11/30/2017 9:16:48 AM

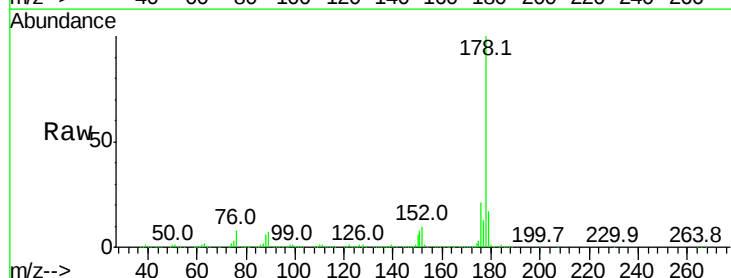


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

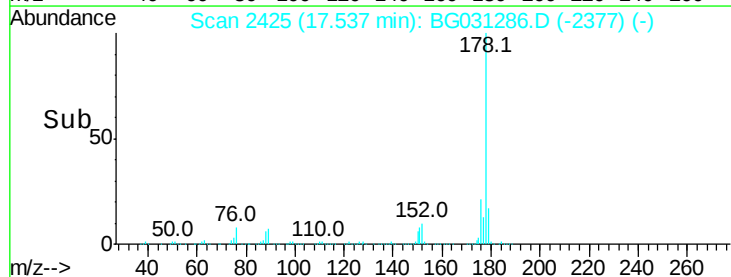
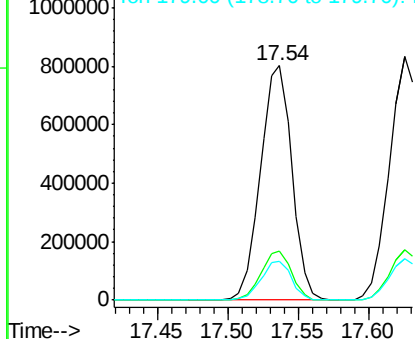


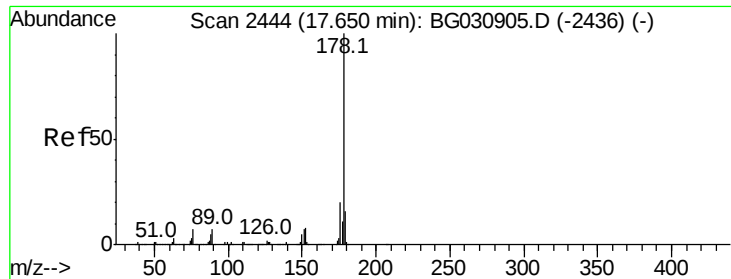
#70  
 Phenanthrene  
 Concen: 49.709 ng  
 RT: 17.54 min Scan# 2425  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 15.7  | 23.5  |
| 179     | 16.8  | 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: 50.875 ng  
 RT: 17.63 min Scan# 2440  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

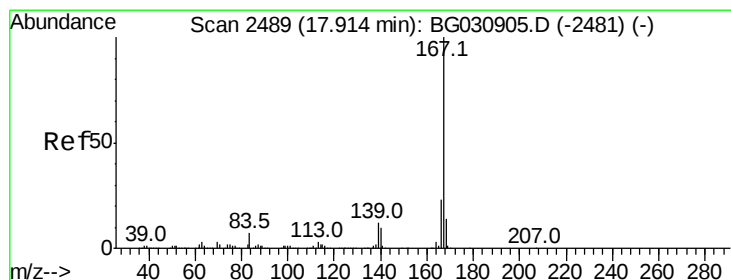
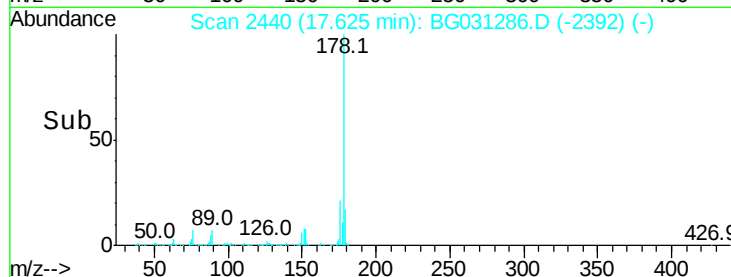
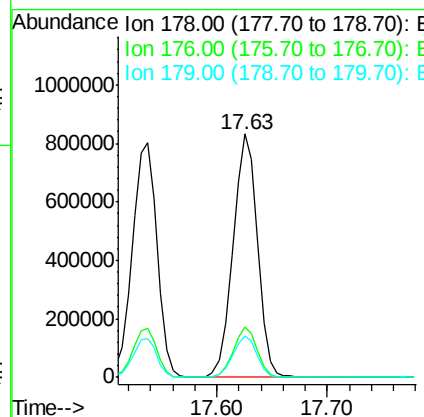
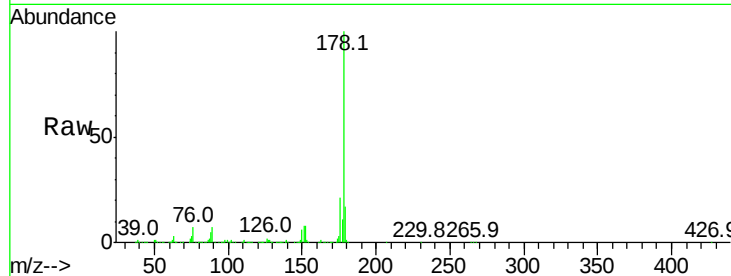
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

Tot Ion:178 Resp: 1287034  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.6  | 16.0  | 24.0  |
| 179 | 16.8  | 12.5  | 18.7  |

Manual Integrations  
 APPROVED

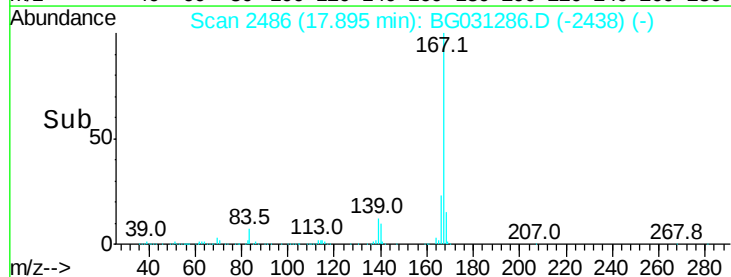
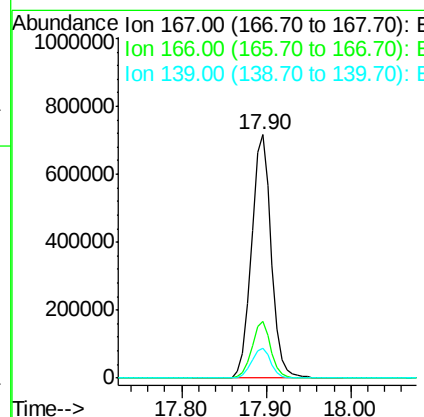
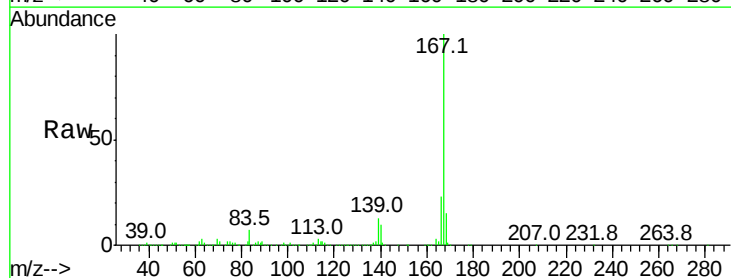
Sohil  
 11/30/2017 9:16:48 AM

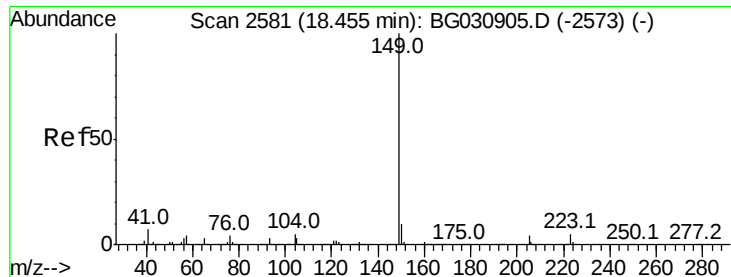


#72  
 Carbazole  
 Concen: 49.003 ng  
 RT: 17.90 min Scan# 2486  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Tgt Ion:167 Resp: 1161590  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.2  | 18.2  | 27.4  |
| 139 | 12.5  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 45.563 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

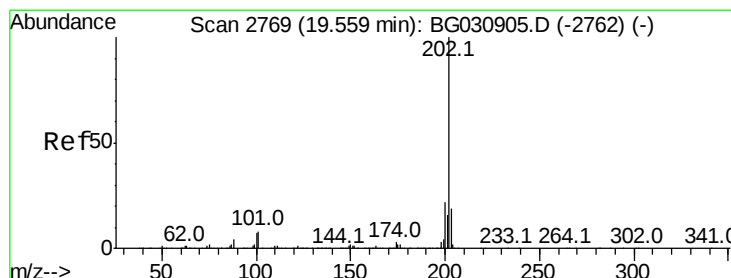
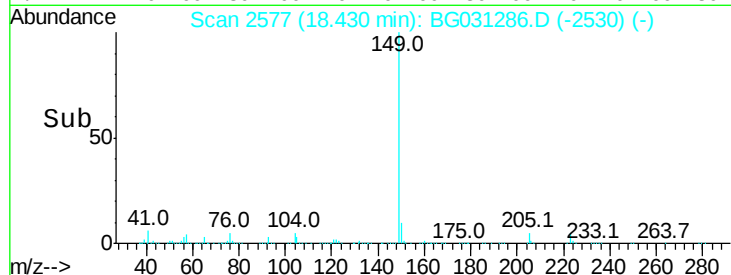
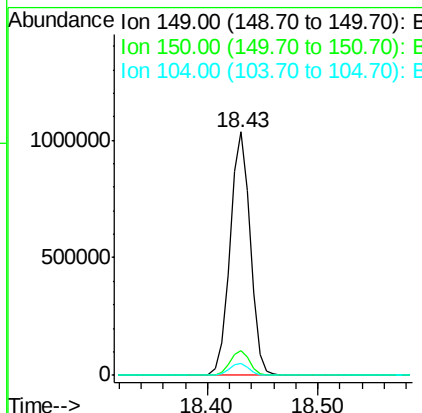
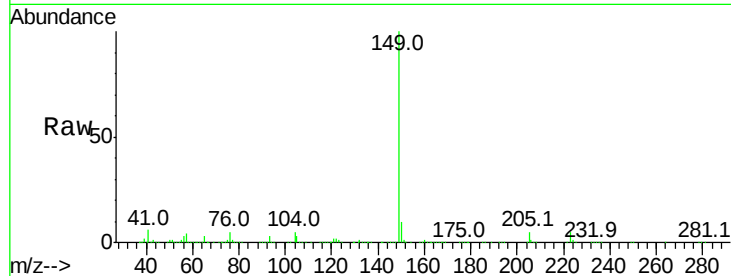
ClientSampleId :

ETGI-294MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 1326100 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 10.1  | 7.8   | 11.6    |
| 104       | 5.1   | 3.9   | 5.9     |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#74

Fluoranthene

Concen: 48.678 ng

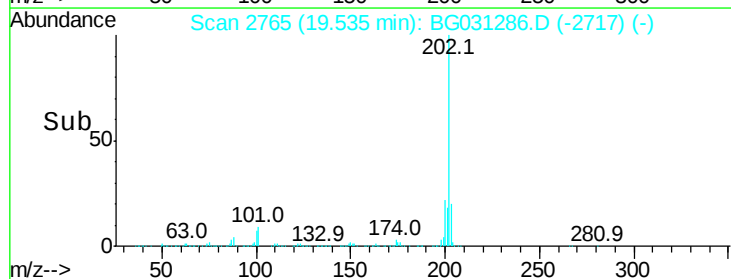
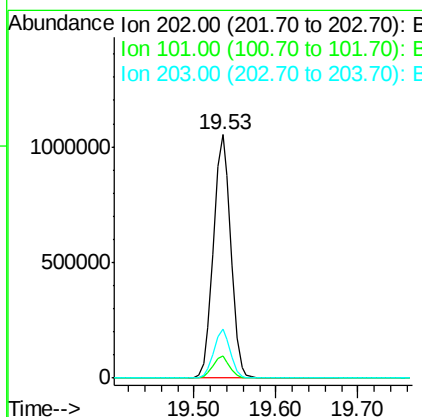
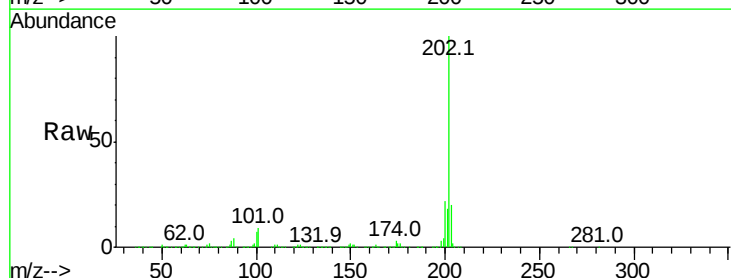
RT: 19.53 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1556085 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.0   | 0.0   | 28.9    |
| 203       | 19.9  | 0.0   | 37.5    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

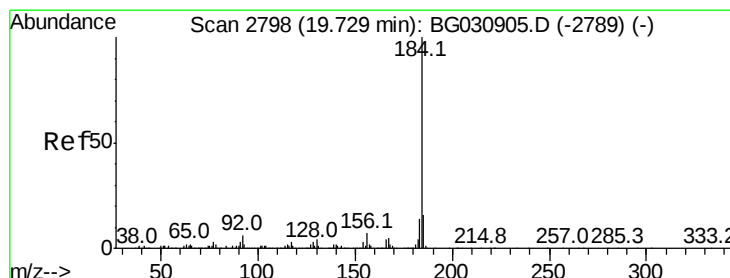
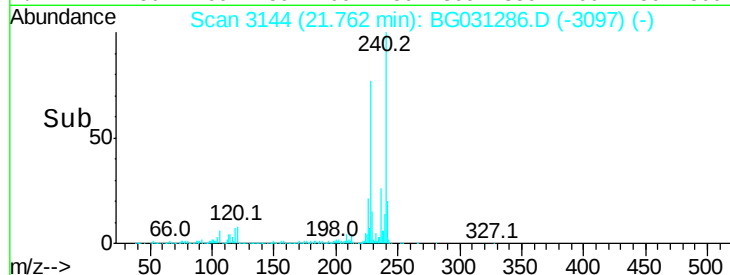
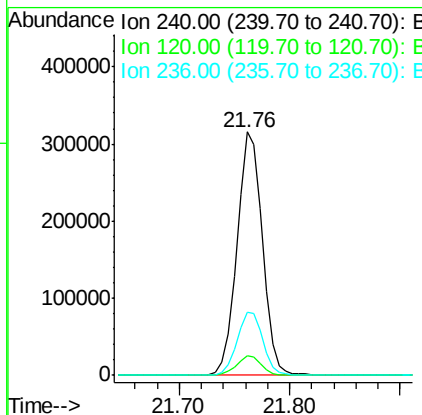
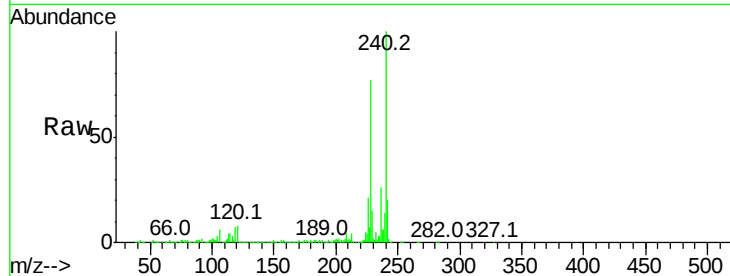
ClientSampleId :

ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 509284 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.2   | 6.8   | 10.2   |
| 236       | 25.8  | 20.9  | 31.3   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#76

Benzidine

Concen: 7.128 ng

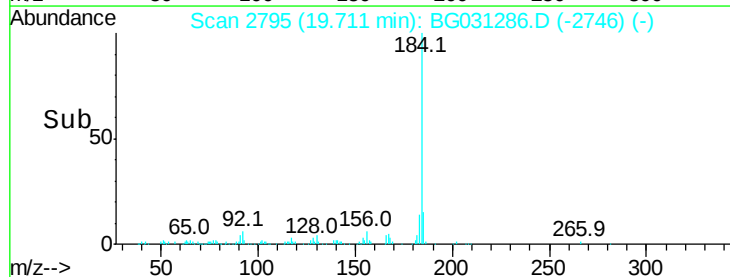
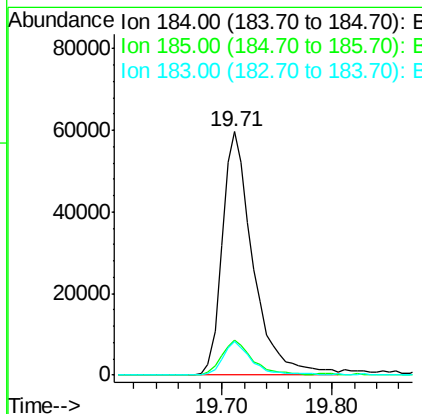
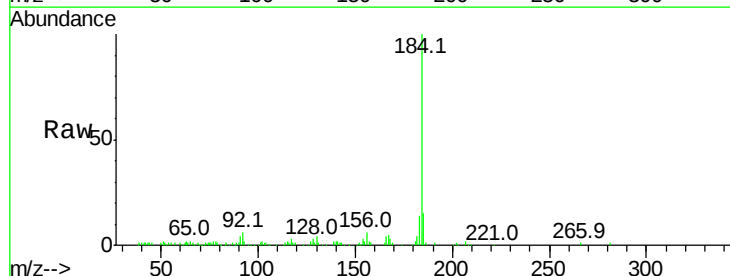
RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 116605 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 11.1  | 16.7   |
| 183       | 13.6  | 10.6  | 16.0   |





#77

Pvrene

Concen: 52.591 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

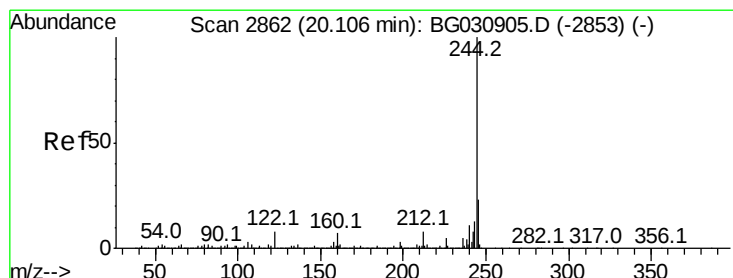
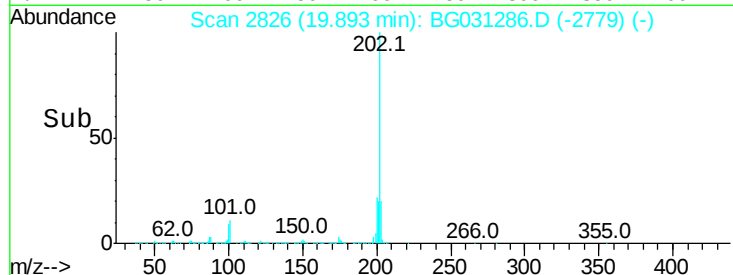
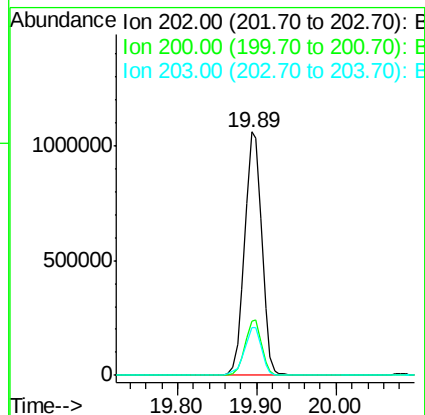
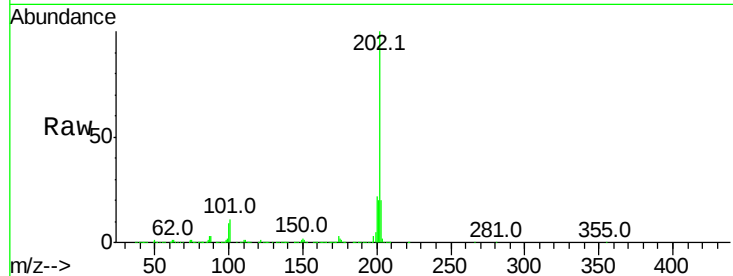
ClientSampleId :

ETGI-294MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1589328 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.4  | 16.9  | 25.3    |
| 203      | 19.8  | 13.9  | 20.9    |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#78

Terphenyl-d14

Concen: 95.055 ng

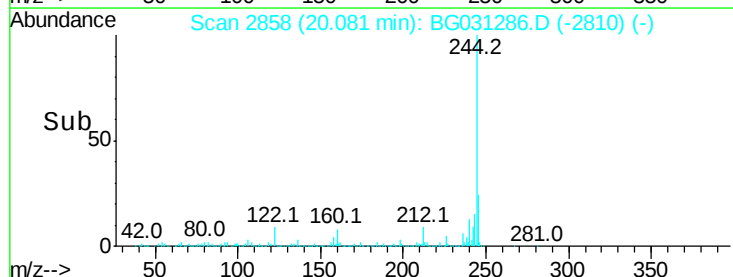
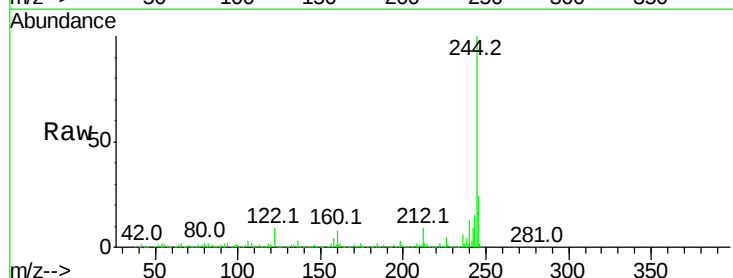
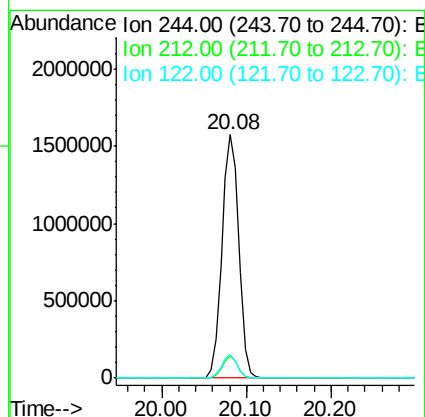
RT: 20.08 min Scan# 2858

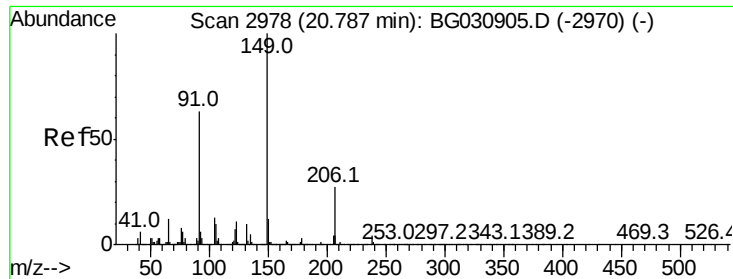
Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 2192390 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 9.1   | 5.8   | 8.8#    |
| 122      | 9.5   | 7.0   | 10.4    |





#79

Butylbenzylphthalate

Concen: 51.400 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

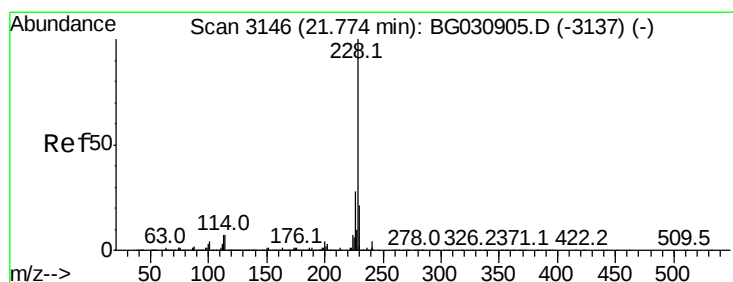
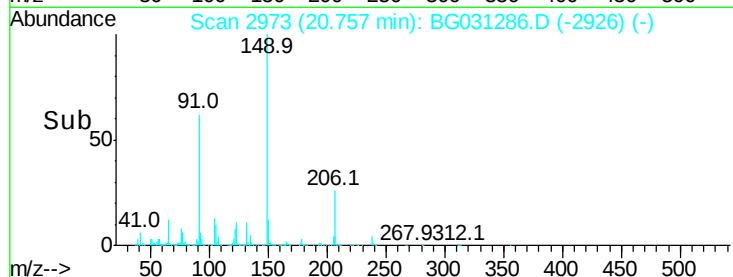
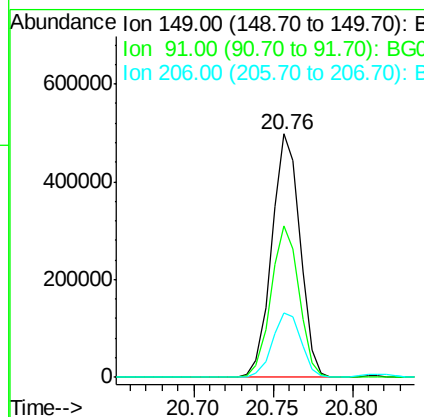
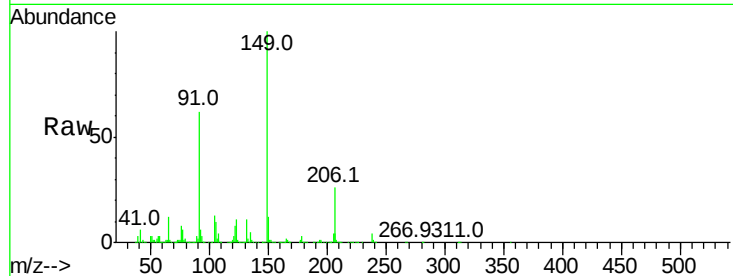
ClientSampleId :

ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 619352 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 62.3  | 62.2  | 93.2   |
| 206       | 26.4  | 18.6  | 27.8   |

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#80

Benzo(a)anthracene

Concen: 49.976 ng

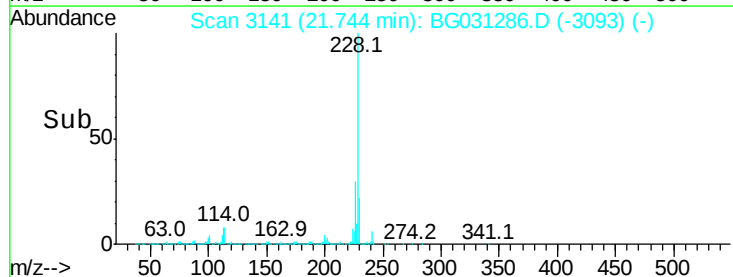
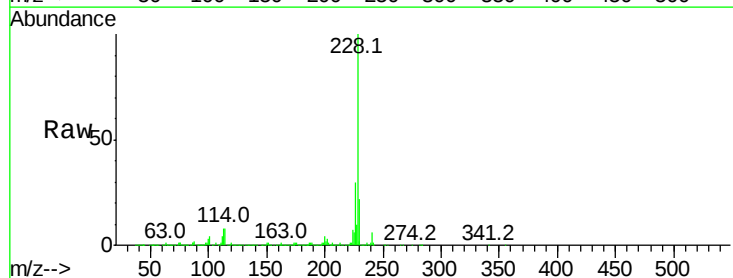
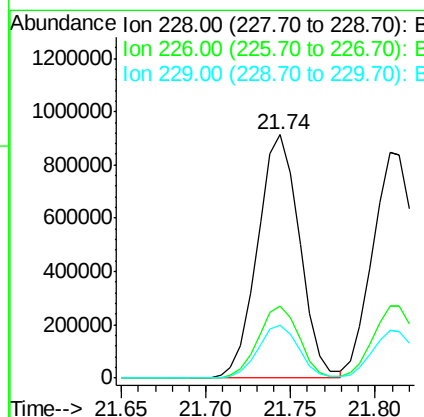
RT: 21.74 min Scan# 3141

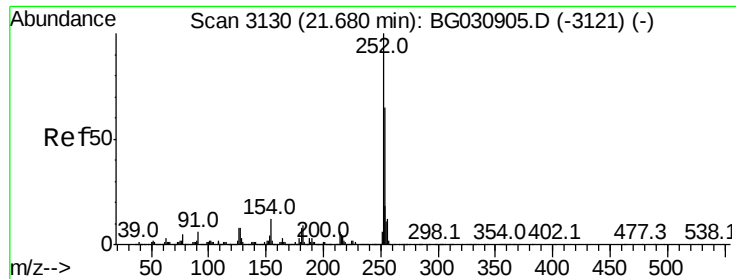
Delta R.T. -0.02 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1580963 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 29.5  | 22.7  | 34.1    |
| 229       | 21.6  | 16.2  | 24.2    |





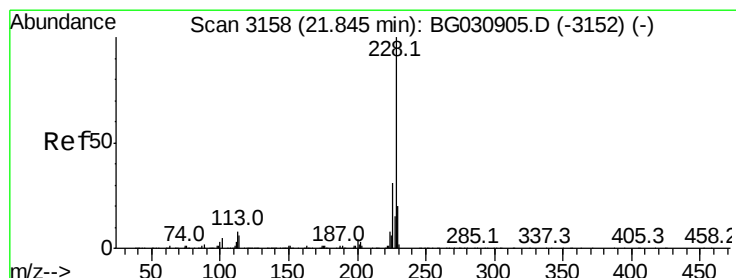
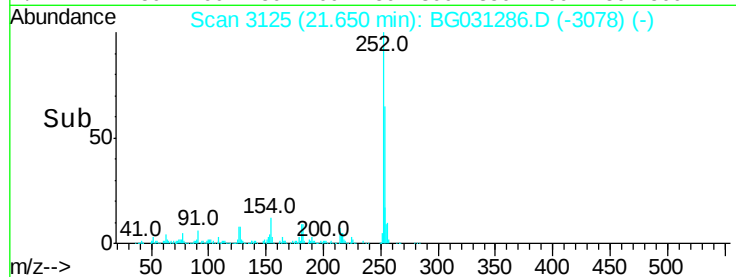
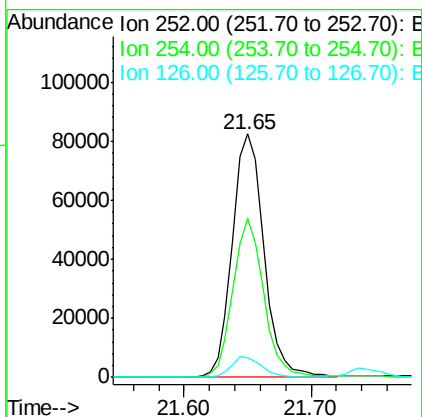
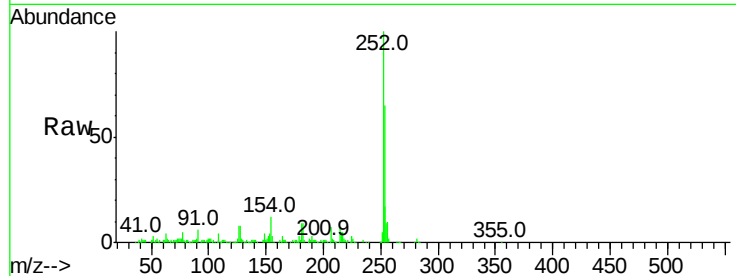
#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.150 ng  
 RT: 21.65 min Scan# 3125  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 142377 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.4  | 50.8  | 76.2   |
| 126       | 8.2   | 7.4   | 11.2   |

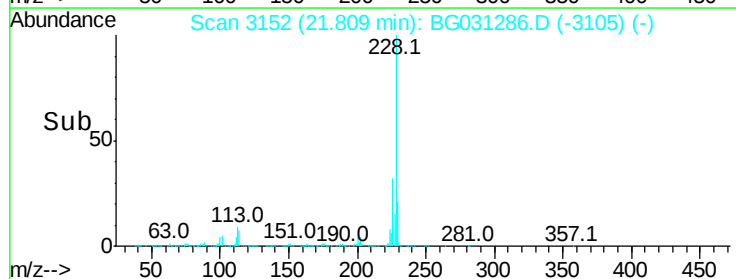
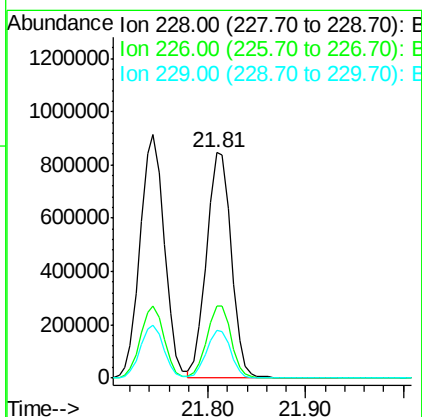
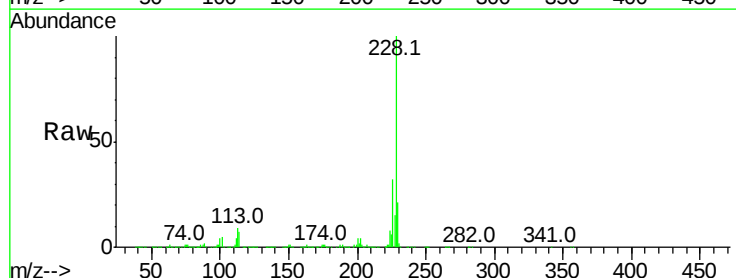
Manual Integrations  
 APPROVED

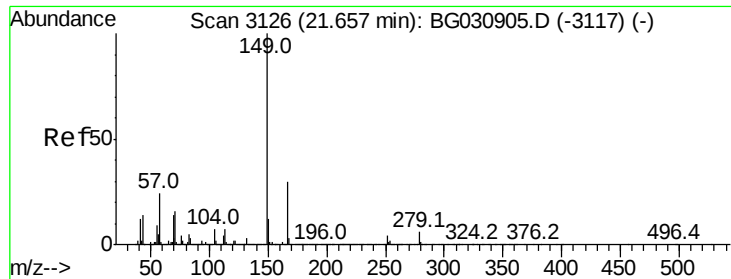
Sohil  
 11/30/2017 9:16:48 AM



#82  
 Chrysene  
 Concen: 50.984 ng  
 RT: 21.81 min Scan# 3152  
 Delta R.T. -0.02 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1491968 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 32.0  | 24.9  | 37.3    |
| 229       | 21.3  | 15.0  | 22.4    |





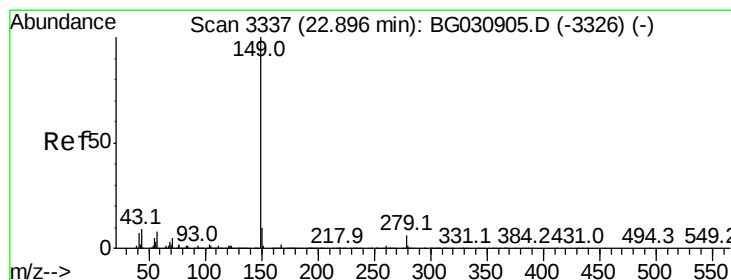
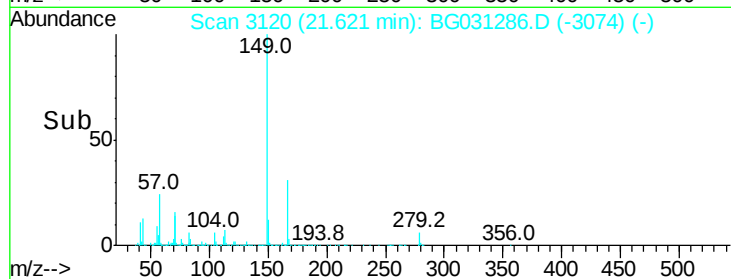
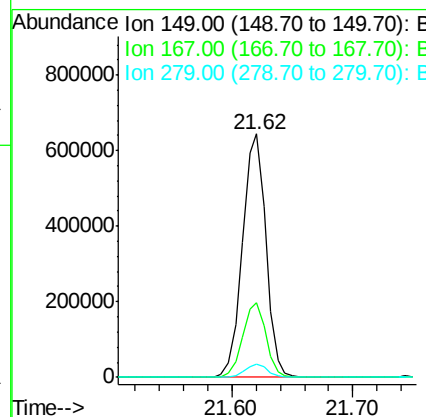
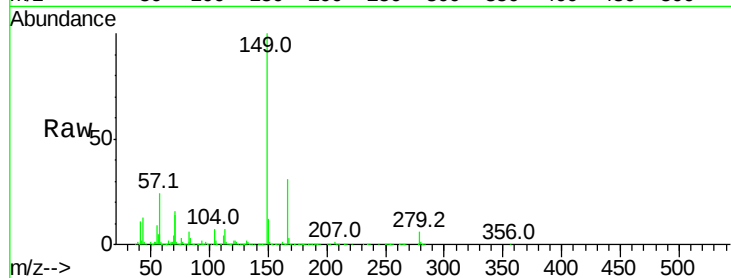
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.115 ng  
 RT: 21.62 min Scan# 3120  
 Delta R.T. -0.03 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.6  | 24.3  | 36.5  |
| 279     | 5.6   | 4.0   | 6.0   |

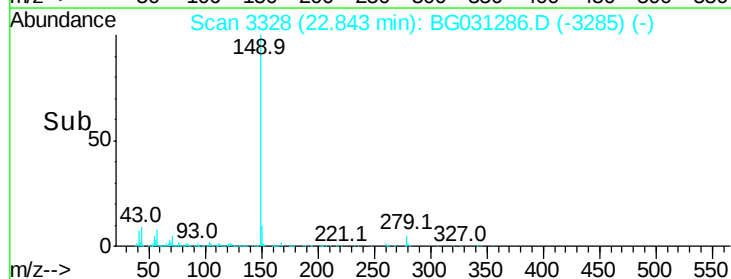
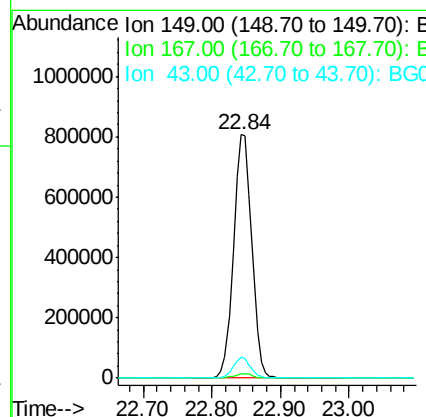
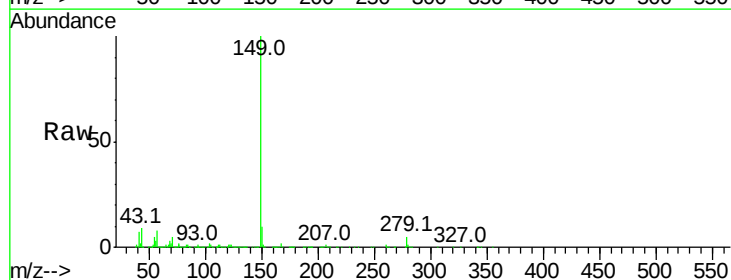
Manual Integrations  
 APPROVED

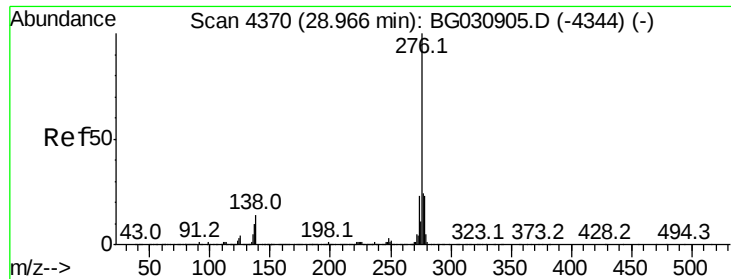
Sohil  
 11/30/2017 9:16:48 AM



#84  
 Di-n-octyl phthalate  
 Concen: 52.450 ng  
 RT: 22.84 min Scan# 3328  
 Delta R.T. -0.05 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.0   |
| 43      | 8.2   | 8.9   | 13.3# |





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.954 ng

RT: 28.86 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

ETGI-294MSD

Tot Ion:276 Resp: 1777133

Ion Ratio Lower Upper

276 100

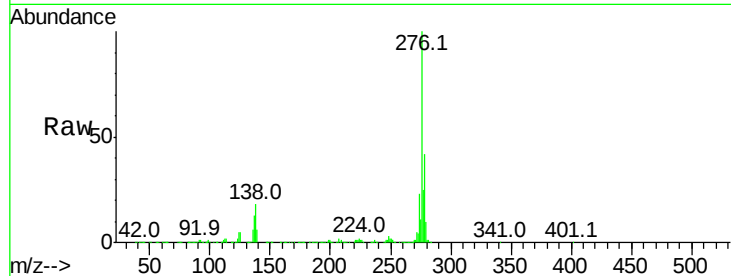
138 19.8 16.0 24.0

277 26.3 20.0 30.0

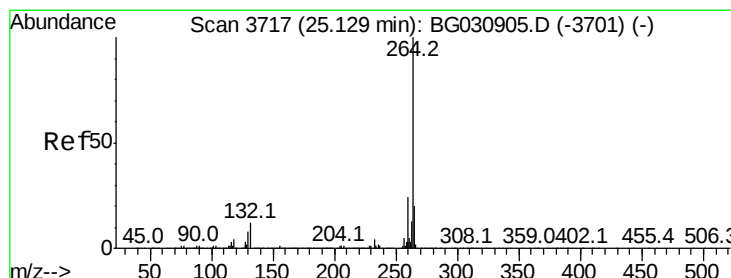
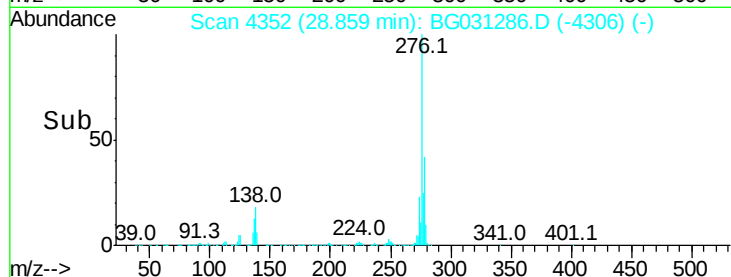
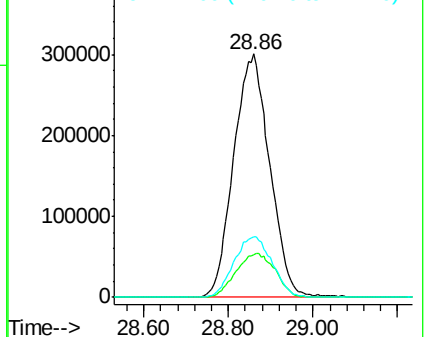
Manual Integrations  
APPROVED

Sohil

11/30/2017 9:16:48 AM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

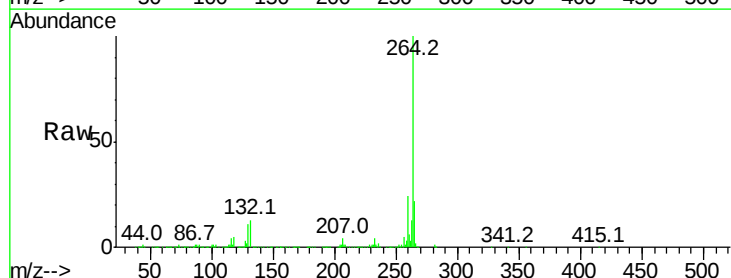
Tgt Ion:264 Resp: 509035

Ion Ratio Lower Upper

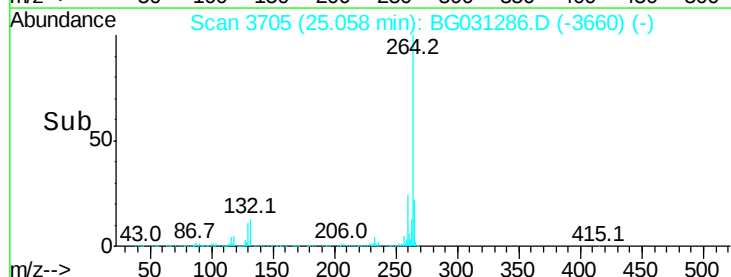
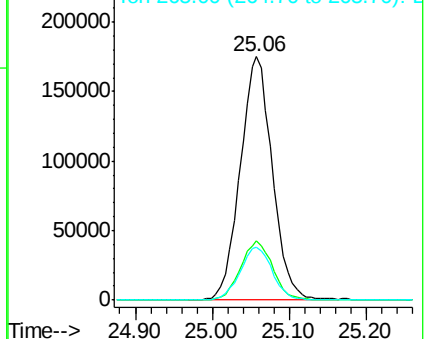
264 100

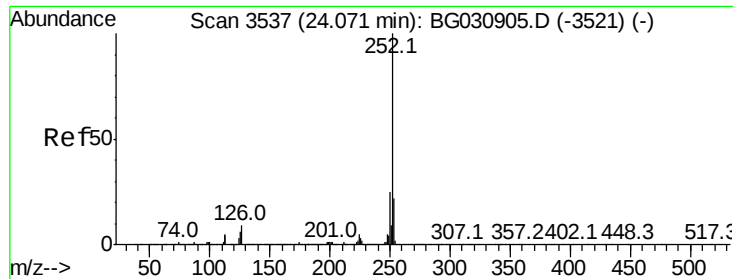
260 24.2 17.4 26.0

265 21.5 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 51.037 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

Instrument :

BNA\_G

ClientSampleId :

ETGI-294MSD

Tot Ion:252 Resp: 1571503

Ion Ratio Lower Upper

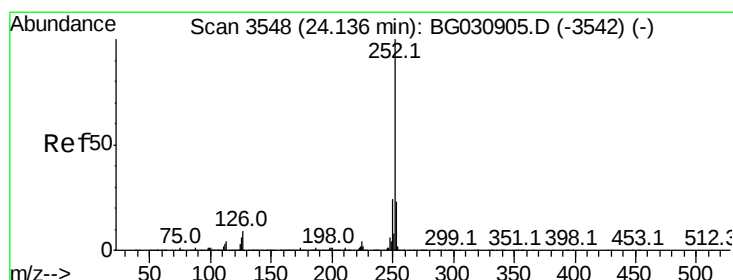
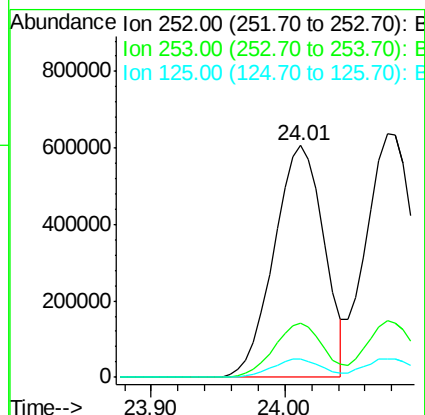
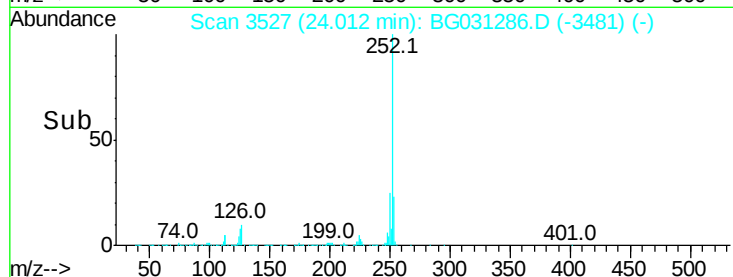
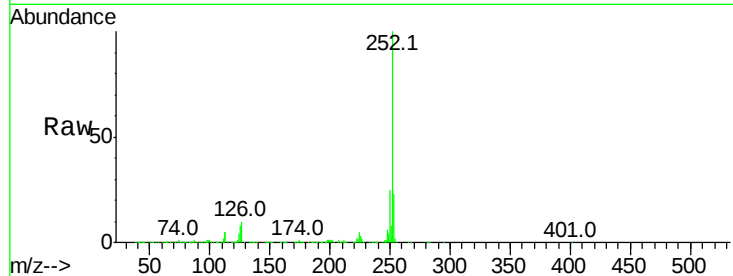
252 100

253 23.1 18.2 27.4

125 7.9 7.2 10.8

Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#88

Benzo(k)fluoranthene

Concen: 51.763 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.03 min

Lab File: BG031286.D

Acq: 30 Nov 2017 00:45

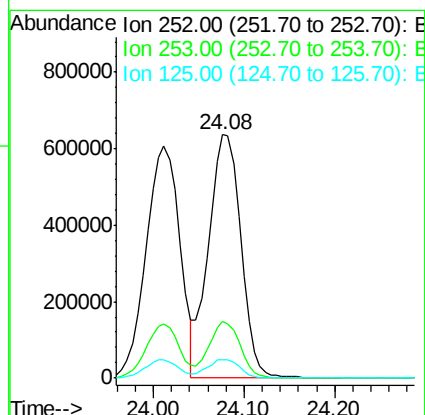
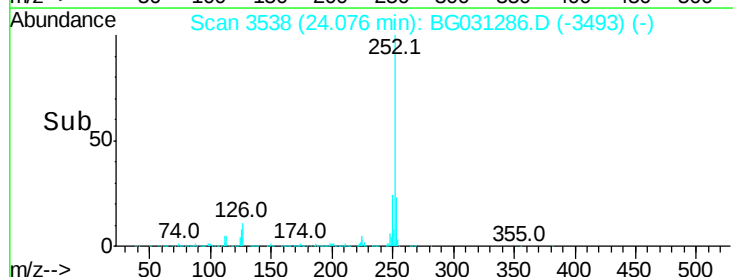
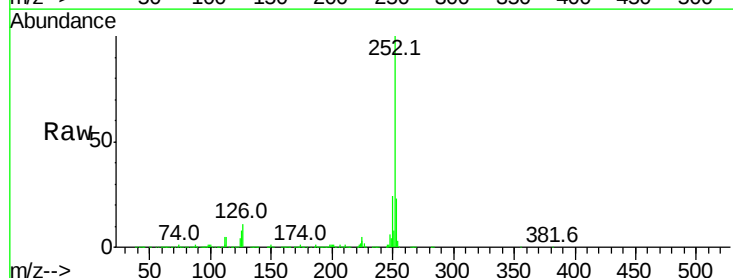
Tgt Ion:252 Resp: 1579820

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 7.6 6.6 9.8





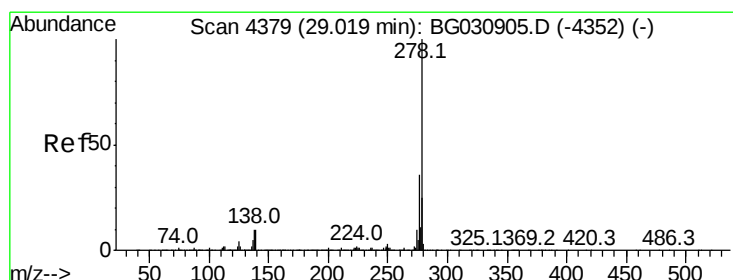
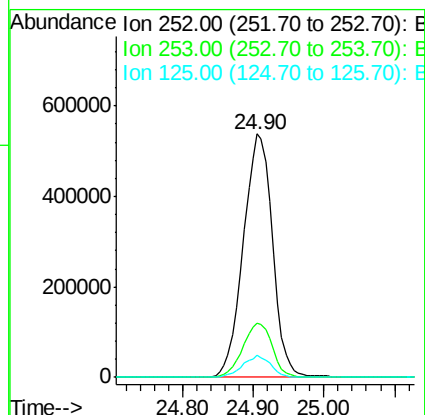
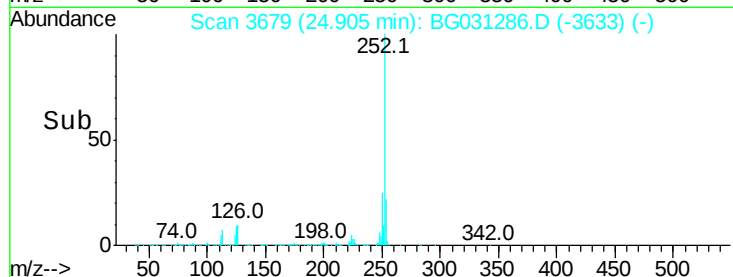
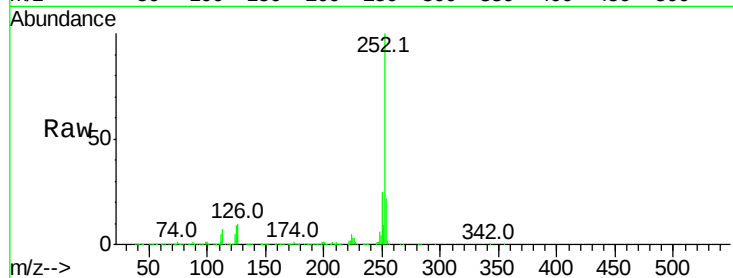
#89  
Benzo(a)pyrene  
Concen: 52.984 ng  
RT: 24.90 min Scan# 3679  
Delta R.T. -0.03 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

Instrument :  
BNA\_G  
ClientSampleId :  
ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.3  | 27.5  |
| 125     | 8.9   | 7.3   | 10.9  |

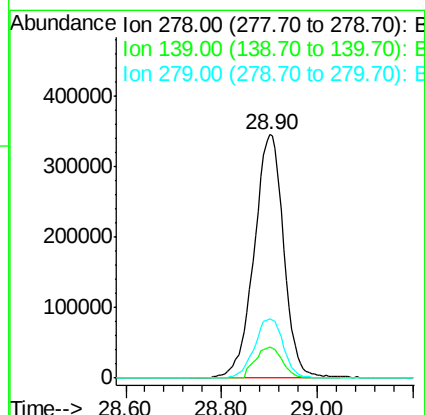
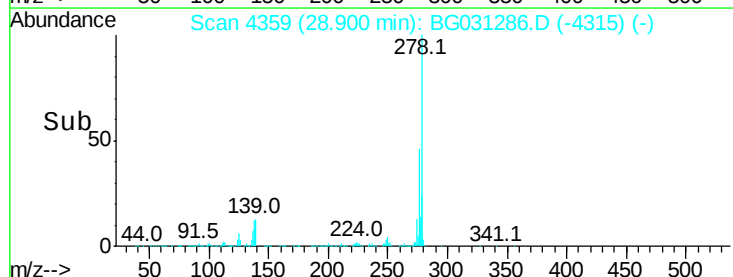
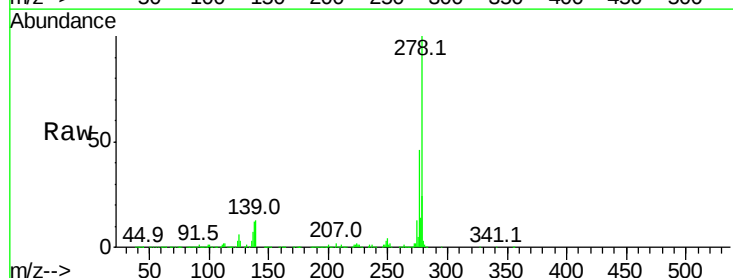
Manual Integrations  
APPROVED

Sohil  
11/30/2017 9:16:48 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 49.587 ng  
RT: 28.90 min Scan# 4359  
Delta R.T. -0.04 min  
Lab File: BG031286.D  
Acq: 30 Nov 2017 00:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.7  | 9.8   | 14.6  |
| 279     | 24.5  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 51.183 ng  
 RT: 30.03 min Scan# 4552  
 Delta R.T. -0.04 min  
 Lab File: BG031286.D  
 Acq: 30 Nov 2017 00:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETGI-294MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.3  | 27.5  |
| 138     | 16.6  | 13.9  | 20.9  |

Manual Integrations  
 APPROVED

Sohil  
 11/30/2017 9:16:48 AM

