

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\  
 Data File : BG025410.D  
 Acq On : 29 Dec 2016 18:51  
 Operator : UM/SJ  
 Sample : H6304-04MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

Manual Integrations  
 APPROVED

Sohil  
 12/30/2016 8:43:27 AM

Quant Time: Dec 30 00:52:18 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 18:42:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 53810    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 227608   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.84 | 164  | 195875   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.58 | 188  | 453172   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 618641   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.28 | 264  | 631649   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.75  | 112  | 447463   | 151.15 | ng    | 0.00     |
| 7) Phenol-d6                | 7.37  | 99   | 609135   | 146.10 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.39  | 82   | 503654   | 97.76  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.32 | 330  | 479888   | 152.18 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.46 | 172  | 1121832  | 92.72  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.17 | 244  | 2240079  | 96.01  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.60  | 88   | 44548    | 35.27  | ng    | # 69   |
| 3) Pyridine                    | 4.01  | 79   | 137814   | 37.64  | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.92  | 42   | 99095    | 45.59  | ng    | 97     |
| 6) Aniline                     | 7.53  | 93   | 112971   | 20.00  | ng    | # 94   |
| 8) 2-Chlorophenol              | 7.77  | 128  | 165024   | 49.42  | ng    | 94     |
| 9) Benzaldehyde                | 7.36  | 77   | 24876    | 8.15   | ng    | # 77   |
| 10) Phenol                     | 7.40  | 94   | 218224   | 47.22  | ng    | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.62  | 93   | 168237   | 47.24  | ng    | 90     |
| 12) 1,3-Dichlorobenzene        | 8.09  | 146  | 178665   | 44.21  | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.24  | 146  | 180951   | 43.20  | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146  | 177753   | 44.47  | ng    | 97     |
| 15) Benzyl Alcohol             | 8.46  | 79   | 207853   | 52.22  | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.73  | 45   | 304605   | 46.19  | ng    | 97     |
| 17) 2-Methylphenol             | 8.66  | 107  | 154331   | 50.85  | ng    | 98     |
| 18) Hexachloroethane           | 9.29  | 117  | 70128    | 43.60  | ng    | # 80   |
| 19) n-Nitroso-di-n-propylamine | 9.01  | 70   | 178711   | 50.75  | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.99  | 107  | 218796   | 52.09  | ng    | 99     |
| 22) Acetophenone               | 9.04  | 105  | 289504   | 45.78  | ng    | # 94   |
| 24) Nitrobenzene               | 9.44  | 77   | 262655   | 46.48  | ng    | 97     |
| 25) Isophorone                 | 9.95  | 82   | 485894   | 52.09  | ng    | 97     |
| 26) 2-Nitrophenol              | 10.15 | 139  | 99783    | 46.17  | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.20 | 122  | 189332   | 53.28  | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93   | 256075   | 52.86  | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.69 | 162  | 206113   | 54.20  | ng    | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180  | 209683   | 45.65  | ng    | 97     |
| 31) Naphthalene                | 11.09 | 128  | 530563   | 46.68  | ng    | 99     |
| 32) Benzoic acid               | 10.34 | 122  | 110297   | 38.60  | ng    | # 86   |
| 33) 4-Chloroaniline            | 11.22 | 127  | 25522    | 5.34   | ng    | # 91   |
| 34) Hexachlorobutadiene        | 11.35 | 225  | 168848   | 45.03  | ng    | 100    |
| 35) Caprolactam                | 11.99 | 113  | 65559m   | 45.89  | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 12.32 | 107  | 250986   | 53.48  | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.67 | 142  | 425089   | 50.46  | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216  | 307655   | 47.57  | ng    | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.00 | 237  | 268445   | 110.07 | ng    | 94     |

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 Sample : H6304-04MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

Manual Integrations  
 APPROVED

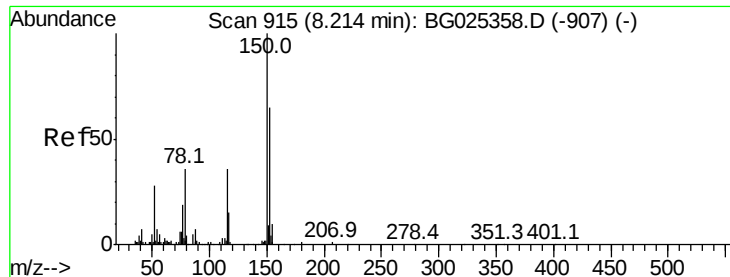
Sohil  
 12/30/2016 8:43:27 AM

Quant Time: Dec 30 00:52:18 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 18:42:01 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.28 | 196  | 194896   | 47.86  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.37 | 196  | 212953   | 49.96  | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 13.67 | 154  | 629008   | 47.74  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.73 | 162  | 490909   | 47.69  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.94 | 65   | 215895   | 49.69  | nq    | 99       |
| 48) Acenaphthylene             | 14.57 | 152  | 745318   | 46.72  | nq    | 98       |
| 49) Dimethylphthalate          | 14.28 | 163  | 696361   | 48.77  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.42 | 165  | 155778   | 49.94  | nq    | 98       |
| 51) Acenaphthene               | 14.90 | 154  | 482280   | 46.22  | nq    | 96       |
| 52) 3-Nitroaniline             | 14.77 | 138  | 16230    | 5.41   | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 14.98 | 184  | 198011   | 95.73  | nq    | # 79     |
| 54) Dibenzofuran               | 15.24 | 168  | 817313   | 49.55  | nq    | 95       |
| 55) 4-Nitrophenol              | 15.08 | 139  | 218576   | 97.58  | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.21 | 165  | 230969   | 50.85  | nq    | # 96     |
| 57) Fluorene                   | 15.88 | 166  | 663047   | 48.01  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.46 | 232  | 230576   | 50.50  | nq    | 93       |
| 59) Diethylphthalate           | 15.62 | 149  | 741185   | 49.50  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.86 | 204  | 381169   | 48.70  | nq    | 97       |
| 61) 4-Nitroaniline             | 15.92 | 138  | 114209   | 37.85  | nq    | # 72     |
| 62) Azobenzene                 | 16.15 | 77   | 759051   | 52.56  | nq    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 15.98 | 198  | 153778   | 49.00  | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 16.08 | 169  | 631373   | 51.54  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 286622   | 51.27  | nq    | 95       |
| 67) Hexachlorobenzene          | 16.88 | 284  | 316238   | 49.29  | nq    | # 89     |
| 68) Atrazine                   | 17.02 | 200  | 282828   | 52.70  | nq    | 100      |
| 69) Pentachlorophenol          | 17.23 | 266  | 343716   | 103.34 | nq    | 91       |
| 70) Phenanthrene               | 17.62 | 178  | 1168649  | 50.04  | nq    | 95       |
| 71) Anthracene                 | 17.72 | 178  | 1213433  | 51.14  | nq    | 97       |
| 72) Carbazole                  | 17.99 | 167  | 1059698  | 49.93  | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 1293738  | 49.54  | nq    | 97       |
| 74) Fluoranthene               | 19.62 | 202  | 1553226  | 50.35  | nq    | 95       |
| 76) Benzidine                  | 19.80 | 184  | 206518   | 13.38  | nq    | # 93     |
| 77) Pyrene                     | 19.98 | 202  | 1555101  | 48.10  | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 636992   | 49.07  | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.86 | 228  | 1730404  | 50.15  | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.76 | 252  | 358484   | 26.75  | nq    | # 94     |
| 82) Chrysene                   | 21.93 | 228  | 1576551  | 47.64  | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 897372   | 49.67  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.96 | 149  | 1531186  | 51.05  | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.22 | 276  | 2160218  | 51.35  | nq    | # 98     |
| 87) Benzo(b)fluoranthene       | 24.20 | 252  | 1749318m | 50.76  | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.27 | 252  | 1739092  | 52.25  | nq    | 97       |
| 89) Benzo(a)pyrene             | 25.13 | 252  | 1713906  | 51.49  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.28 | 278  | 1833959  | 51.99  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.46 | 276  | 1783660  | 50.88  | nq    | 97       |

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





#1

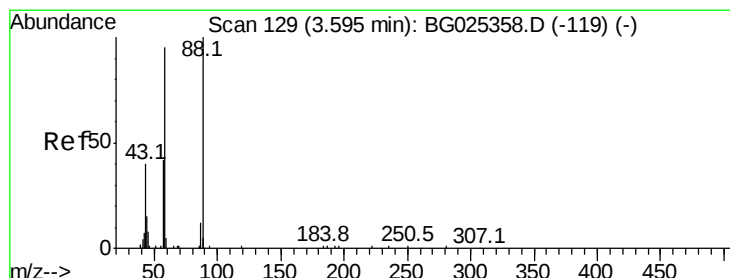
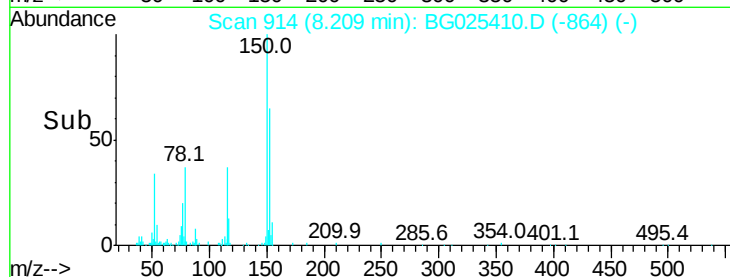
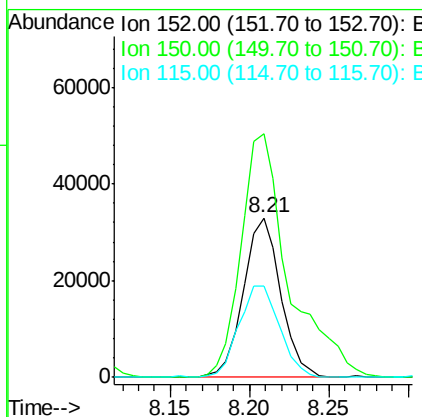
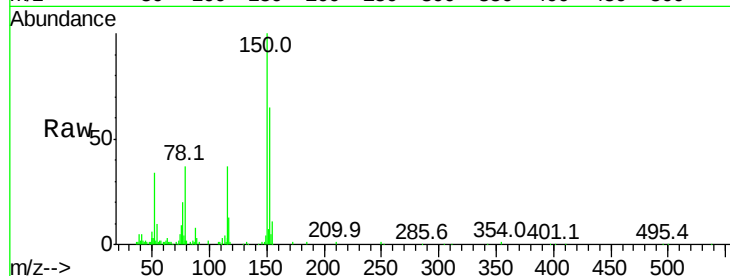
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.21 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 114.0 | 171.0 |
| 115     | 57.2  | 48.1  | 72.1  |

Manual Integrations  
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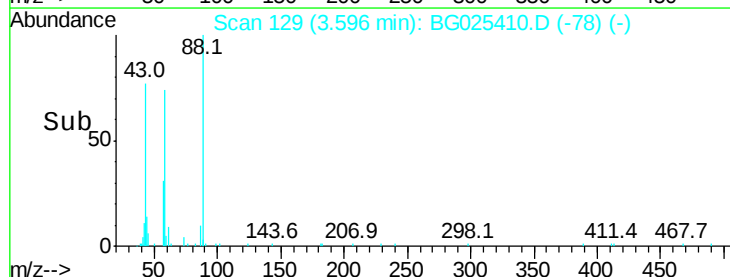
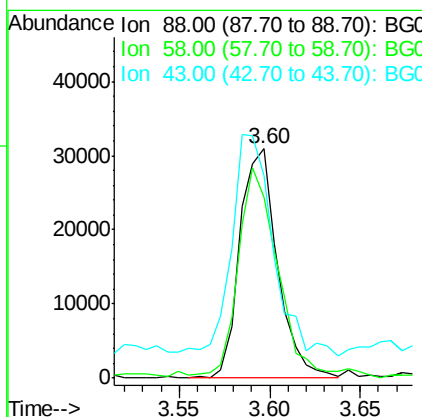
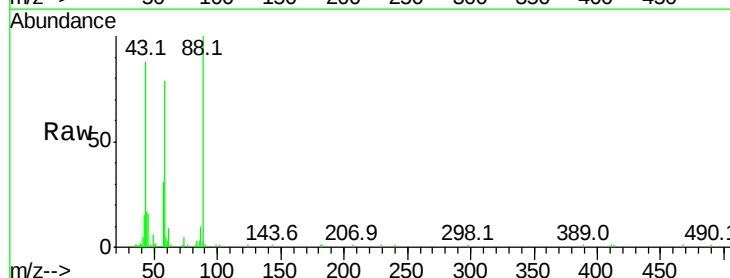
Sohil  
12/30/2016 8:43:27 AM

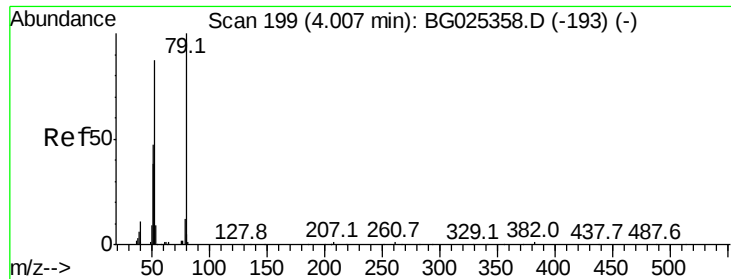


#2

1,4-Dioxane  
Concen: 35.27 ng  
RT: 3.60 min Scan# 129  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 98.5  | 79.4  | 119.2 |
| 43      | 107.4 | 33.8  | 50.6  |





#3

Pvridine

Concen: 37.64 ng

RT: 4.01 min Scan# 200

Delta R.T. 0.01 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

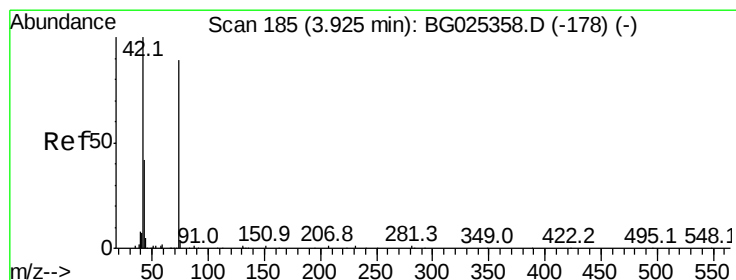
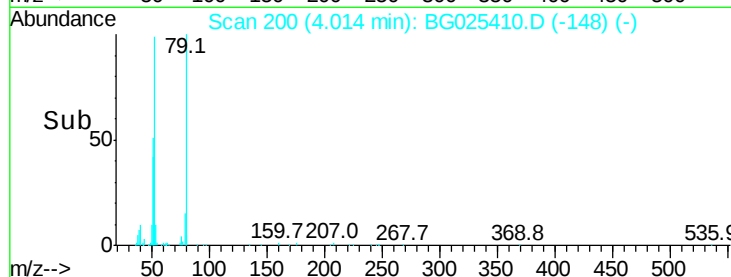
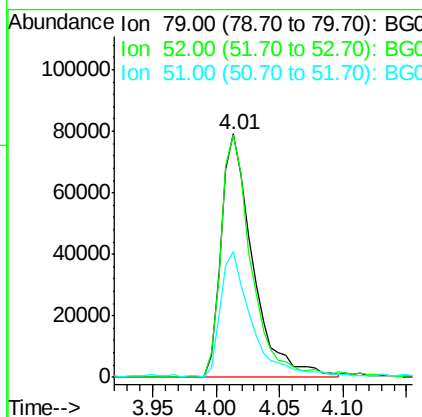
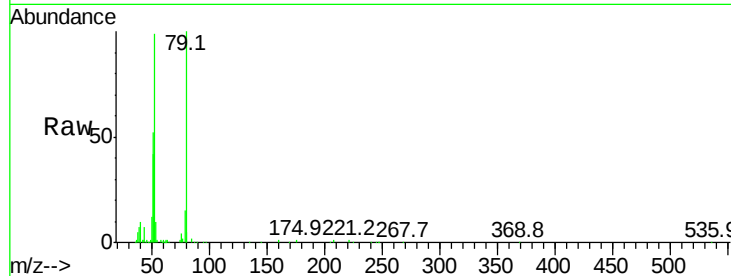
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 137814 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 99.4  | 77.8  | 116.6  |
| 51        | 51.6  | 43.2  | 64.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.59 ng

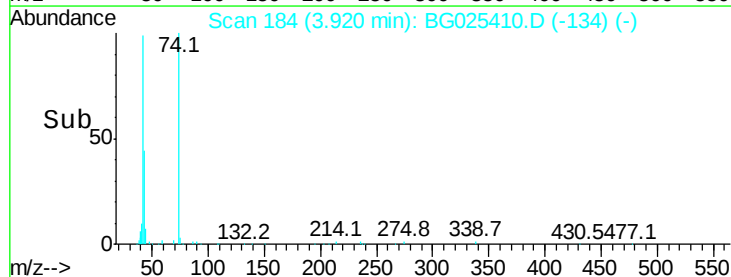
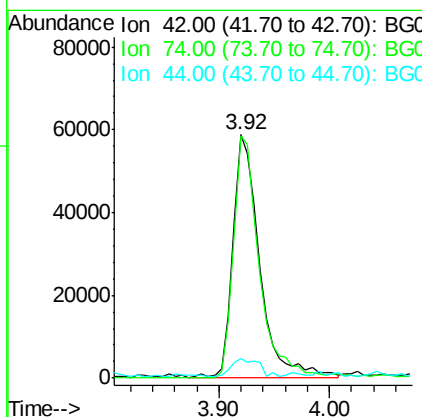
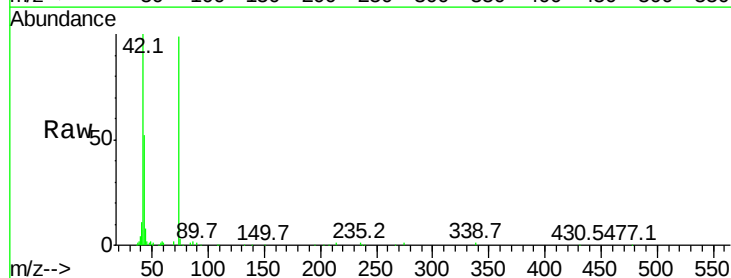
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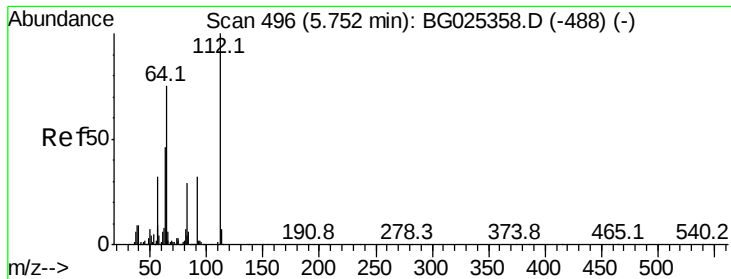
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 99095 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 99.4  | 76.7  | 115.1 |
| 44        | 7.9   | 6.1   | 9.1   |





#5

2-Fluorophenol

Concen: 151.15 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

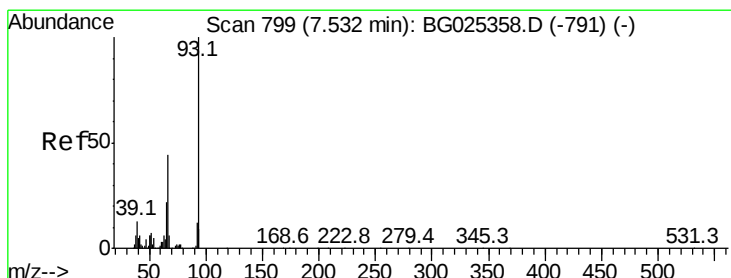
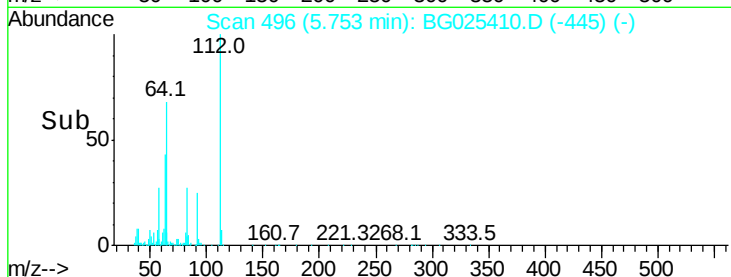
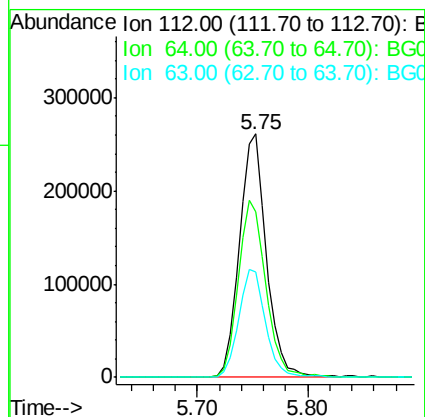
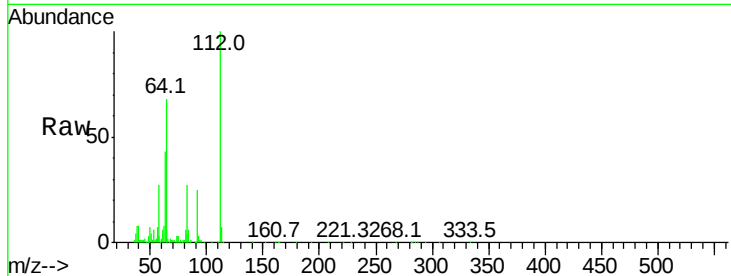
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 447463 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.8  | 61.8  | 92.6   |
| 63        | 43.4  | 37.2  | 55.8   |

Manual Integrations  
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12/30/2016 8:43:27 AM



#6

Aniline

Concen: 20.00 ng

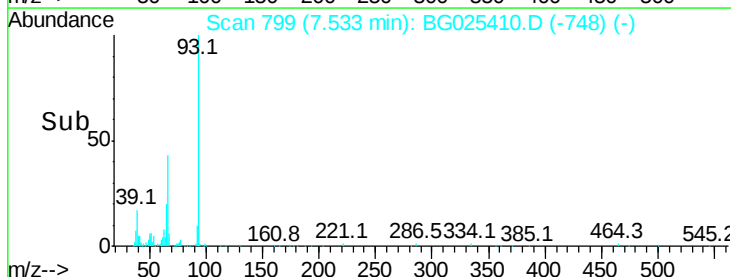
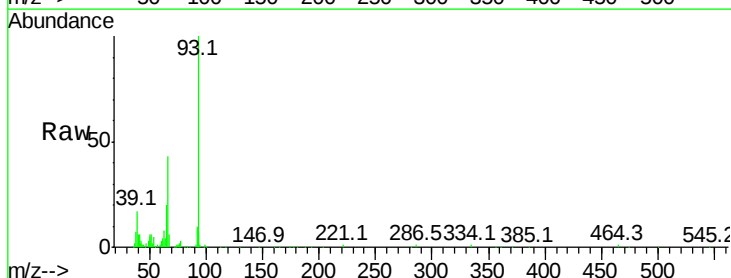
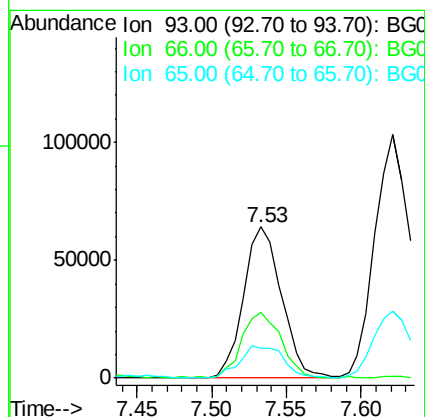
RT: 7.53 min Scan# 799

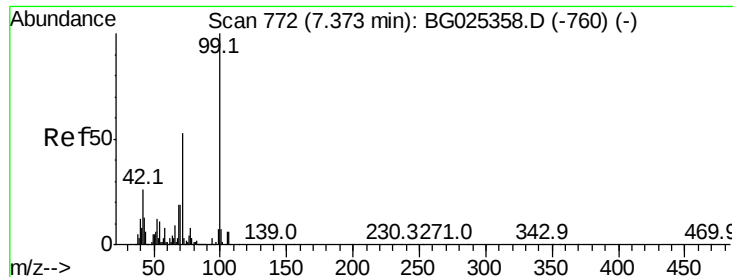
Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 112971 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.3  | 35.4  | 53.2   |
| 65        | 19.5  | 21.2  | 31.8#  |





#7

Phenol-d6

Concen: 146.10 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

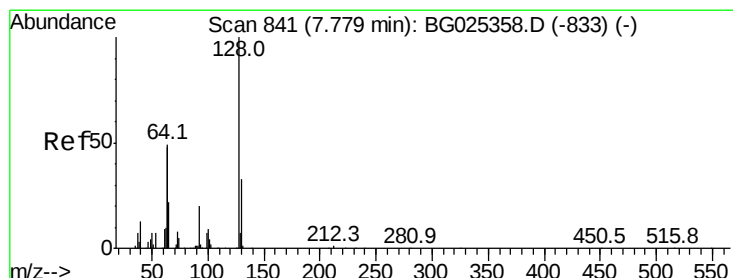
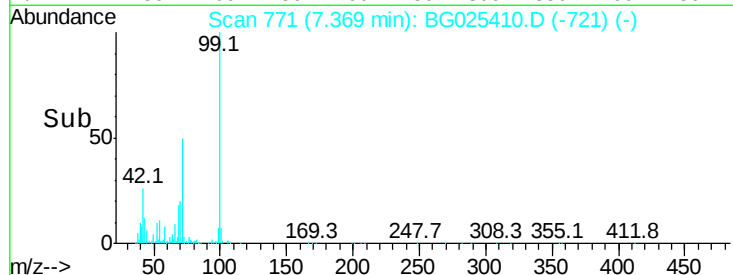
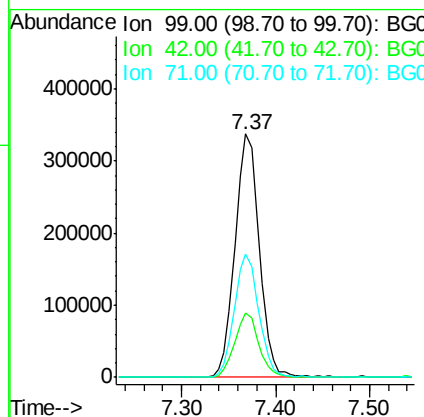
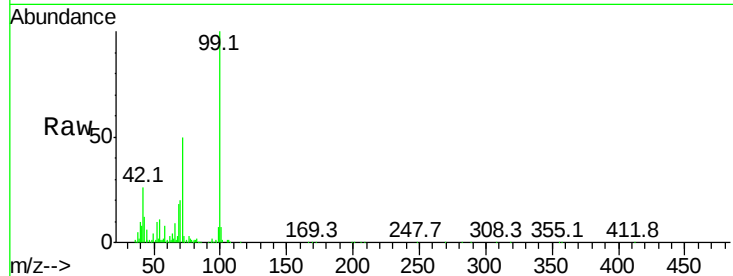
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 609135 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 26.2  | 20.5  | 30.7   |
| 71        | 50.4  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.42 ng

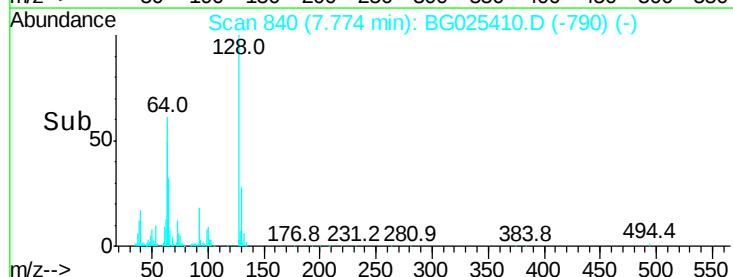
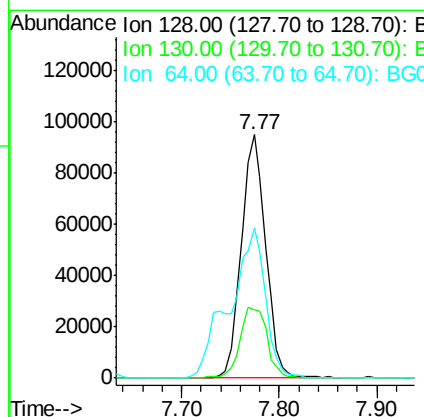
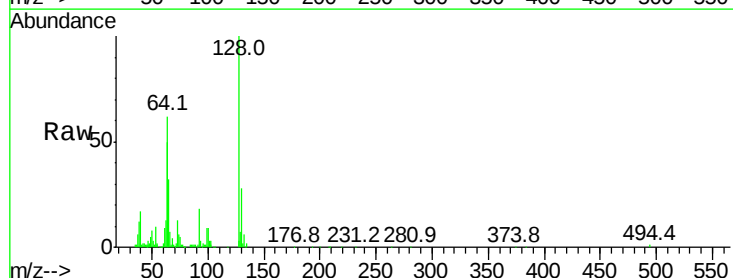
RT: 7.77 min Scan# 840

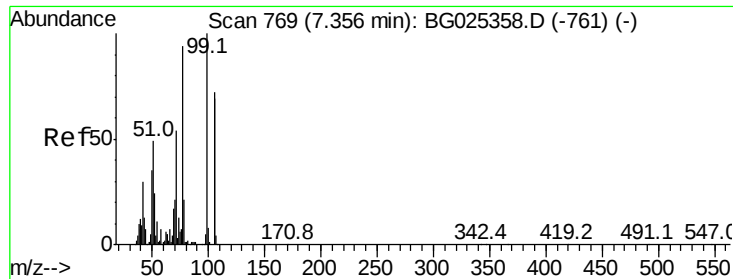
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 165024 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 27.9  | 11.4  | 51.4   |
| 64        | 61.5  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 8.15 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

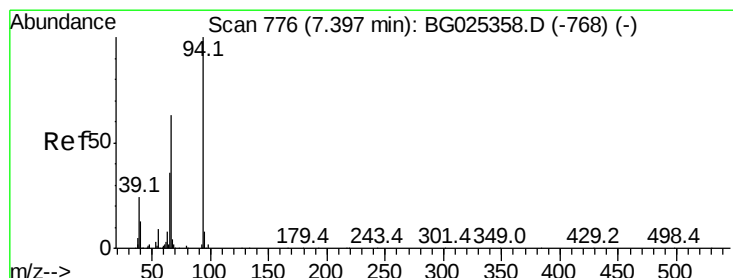
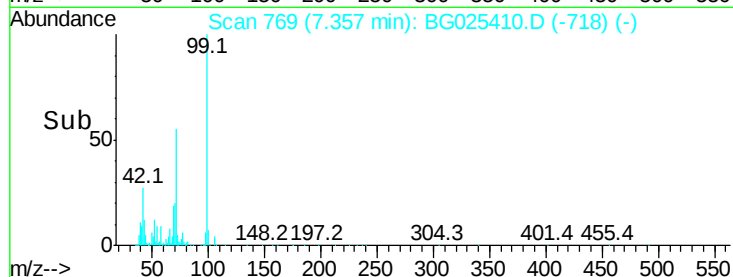
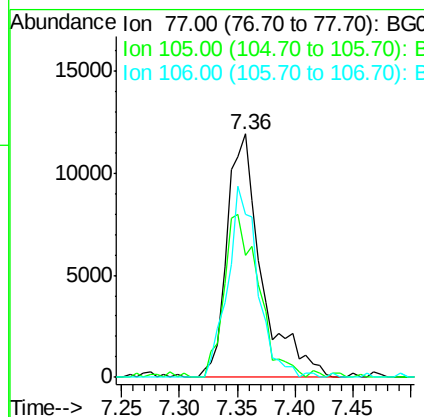
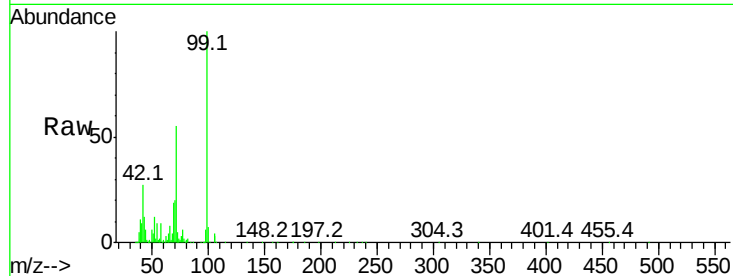
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 24876  |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 49.9  | 60.9  | 100.9# |
| 106       | 67.0  | 55.1  | 95.1   |

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#10

Phenol

Concen: 47.22 ng

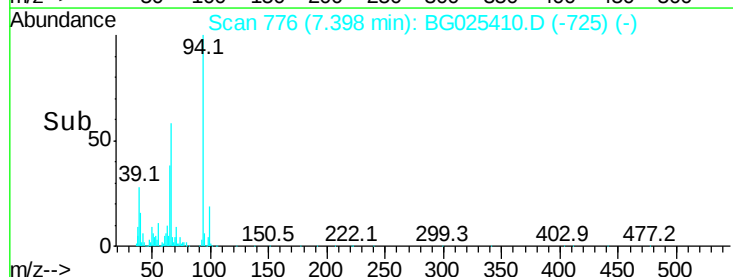
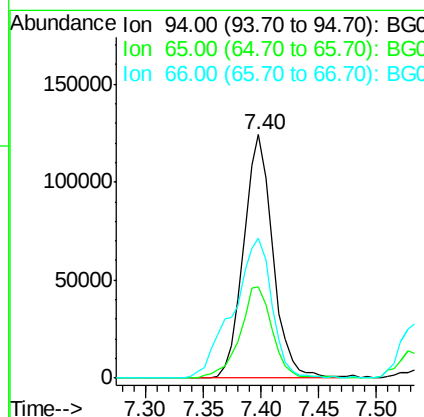
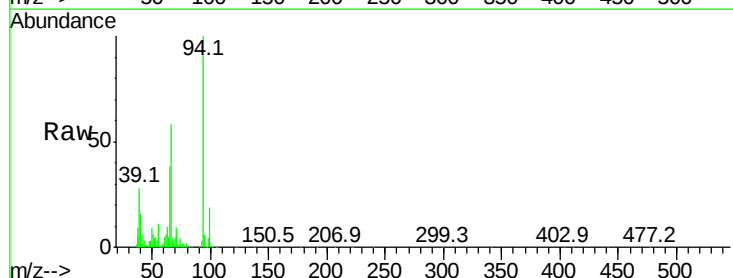
RT: 7.40 min Scan# 776

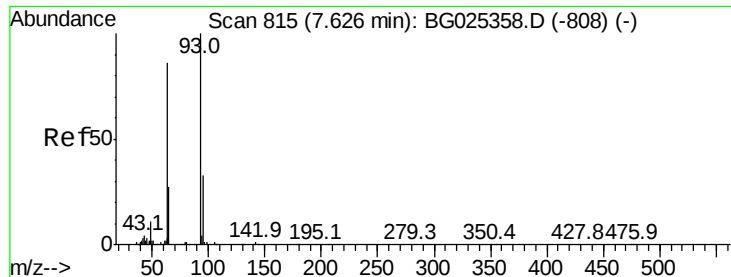
Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 218224 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 37.7  | 20.6  | 60.6   |
| 66        | 57.6  | 35.5  | 75.5   |





#11

bis(2-Chloroethyl)ether

Concen: 47.24 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

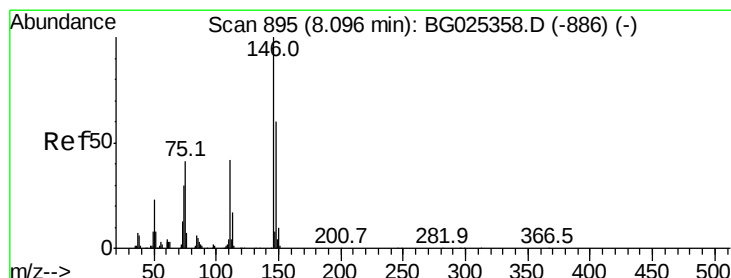
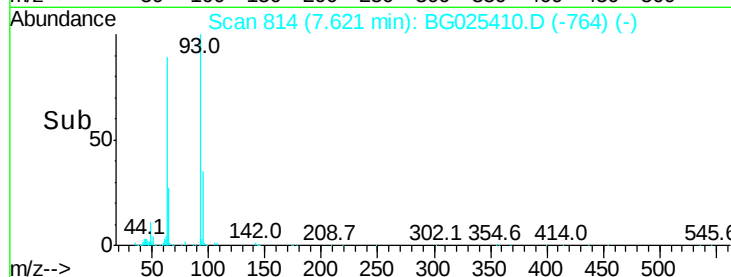
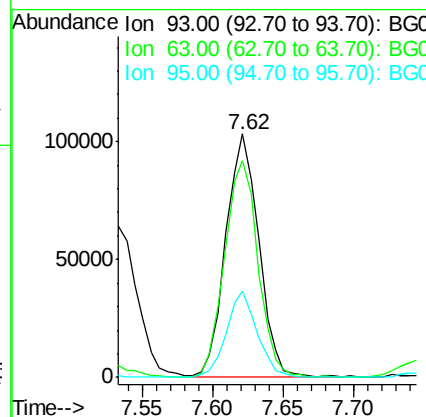
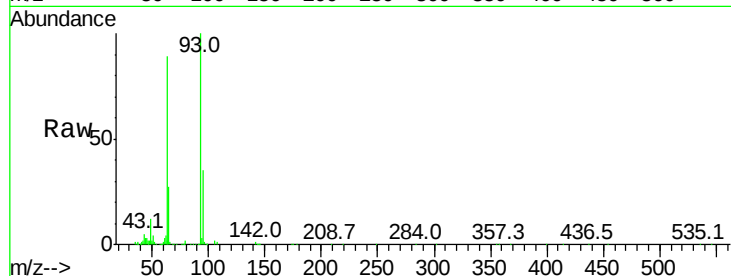
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 168237 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 89.1  | 78.5  | 118.5  |
| 95        | 35.2  | 9.8   | 49.8   |

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#12

1,3-Dichlorobenzene

Concen: 44.21 ng

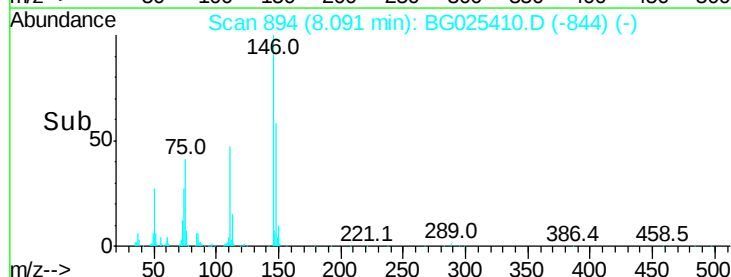
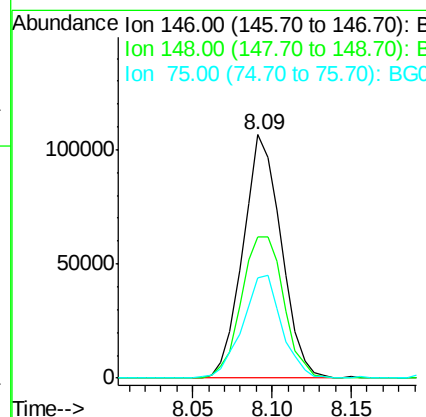
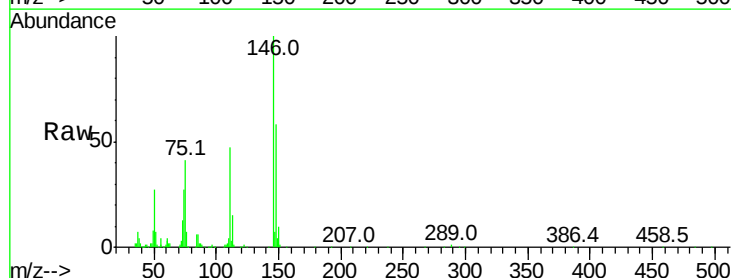
RT: 8.09 min Scan# 894

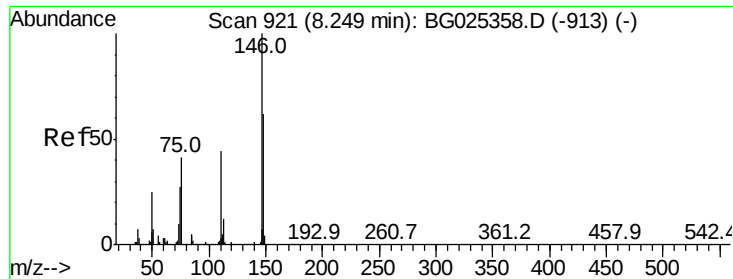
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 178665 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 57.8  | 49.2  | 73.8   |
| 75        | 41.4  | 33.4  | 50.2   |





#13

1,4-Dichlorobenzene

Concen: 43.20 ng

RT: 8.24 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

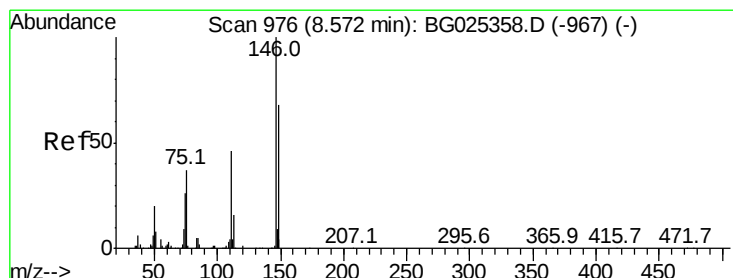
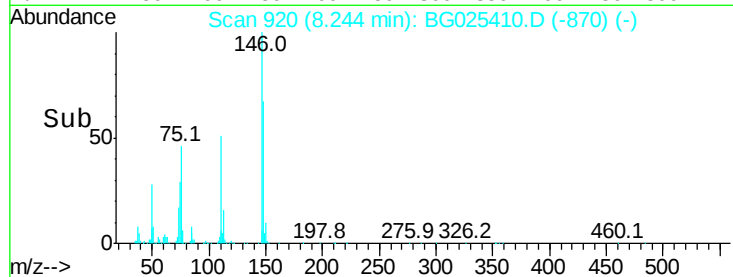
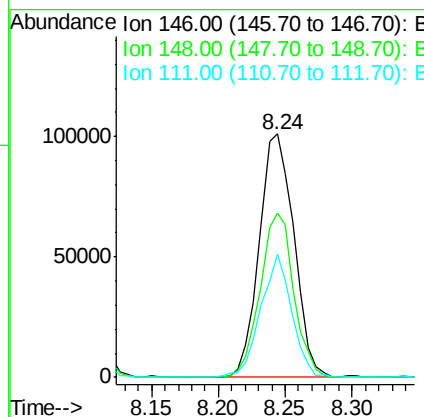
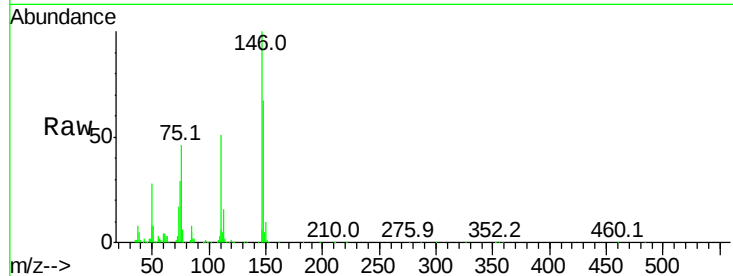
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 180951 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 67.4  | 52.2  | 78.2   |
| 111       | 50.8  | 37.0  | 55.6   |

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#14

1,2-Dichlorobenzene

Concen: 44.47 ng

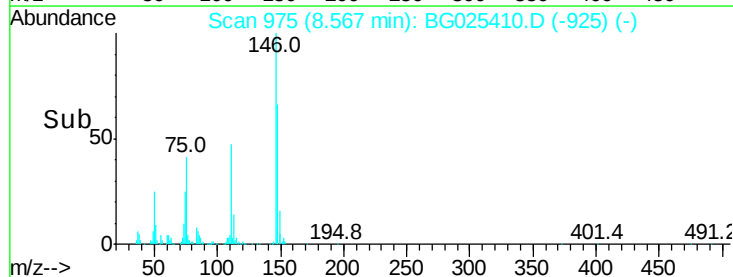
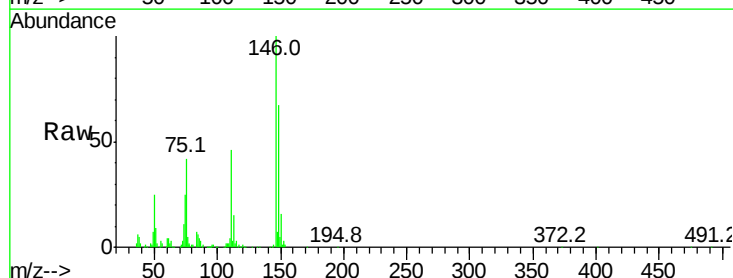
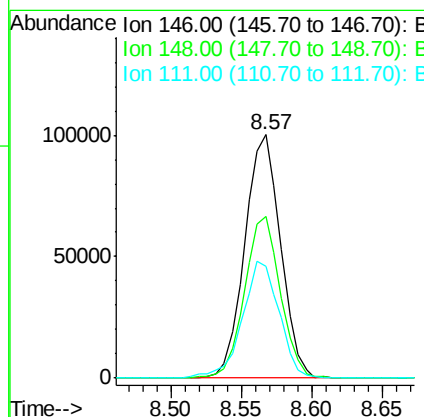
RT: 8.57 min Scan# 975

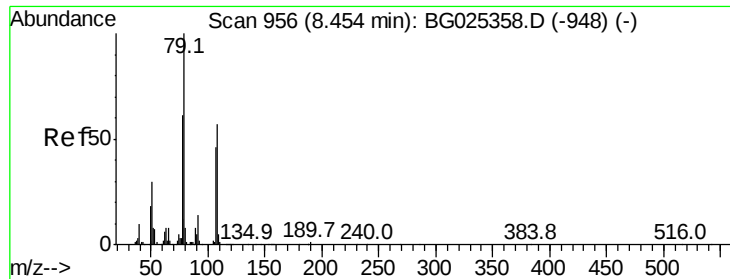
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 177753 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.7  | 54.6  | 81.8   |
| 111       | 46.0  | 39.7  | 59.5   |





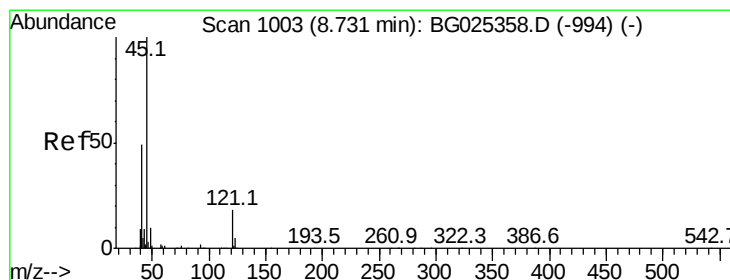
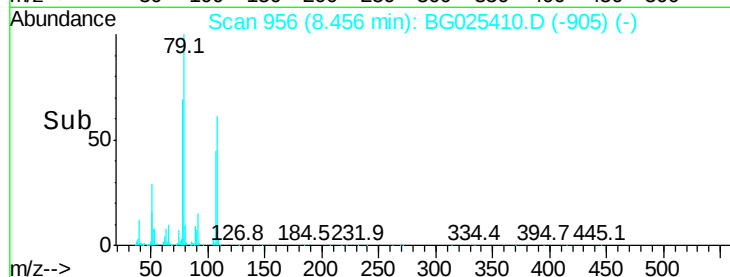
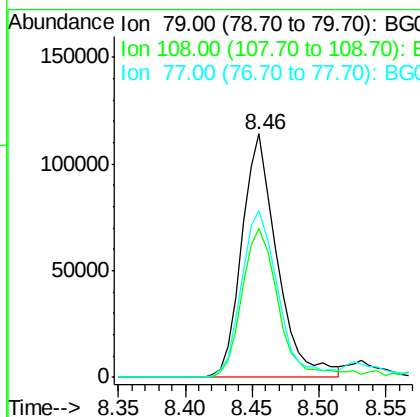
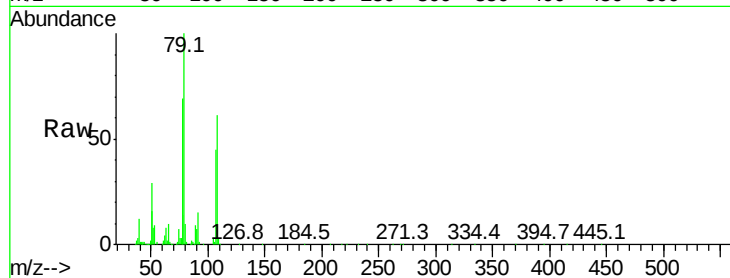
#15  
Benzyl Alcohol  
Concen: 52.22 ng  
RT: 8.46 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 61.2  | 45.5  | 68.3  |
| 77      | 68.6  | 54.3  | 81.5  |

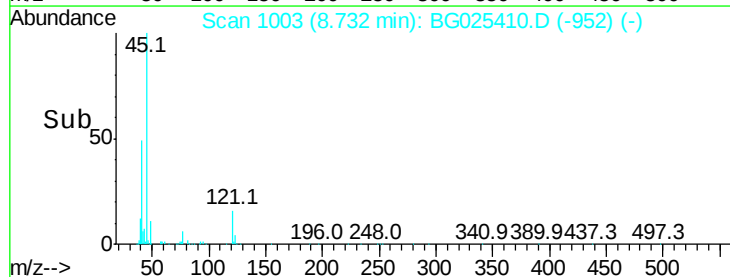
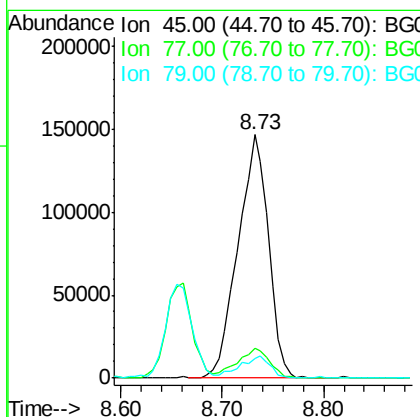
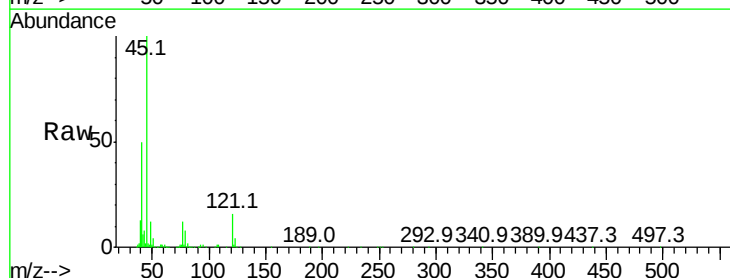
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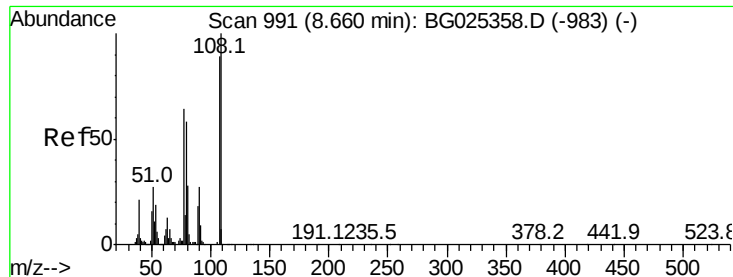
Sohil  
12/30/2016 8:43:27 AM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 46.19 ng  
RT: 8.73 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.1  | 0.0   | 30.6  |
| 79      | 8.2   | 0.0   | 28.5  |





#17

2-Methylphenol

Concen: 50.85 ng

RT: 8.66 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

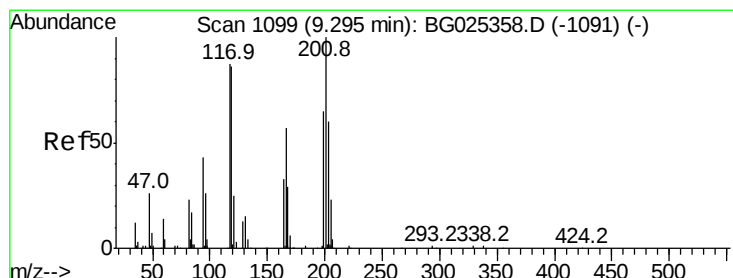
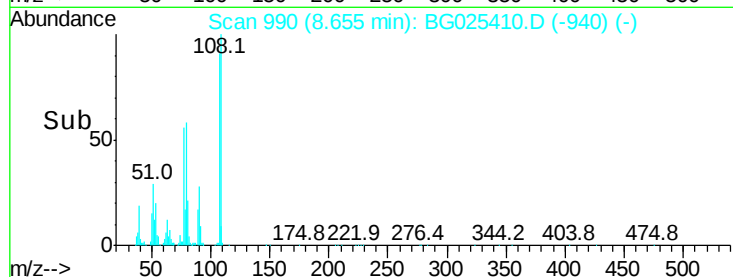
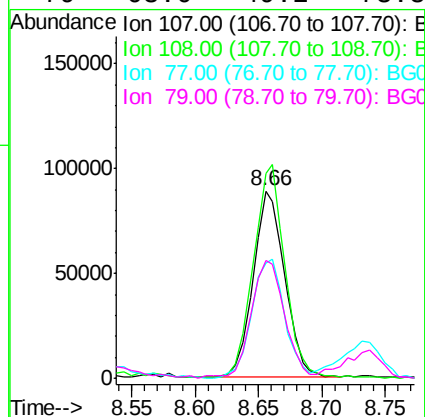
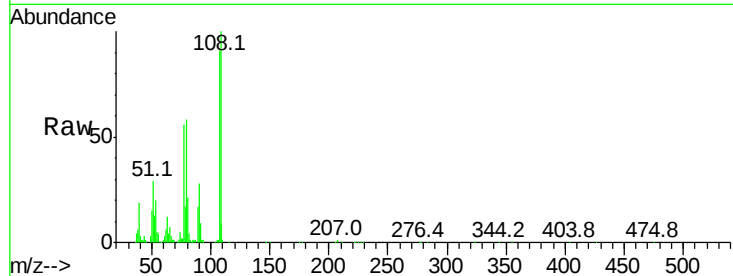
ClientSampleId :

TP11-COMP8MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.4 | 85.6 | 128.4 |       |
| 77      | 61.8  | 51.4 | 77.2  |       |
| 79      | 63.0  | 49.2 | 73.8  |       |

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#18

Hexachloroethane

Concen: 43.60 ng

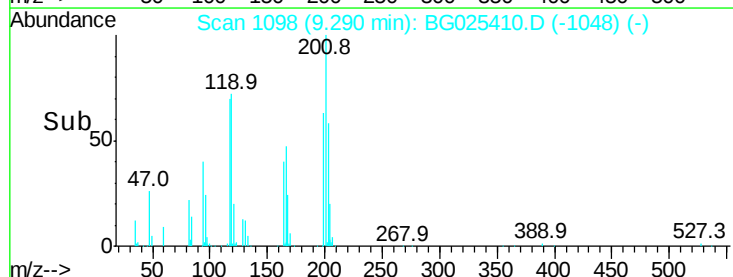
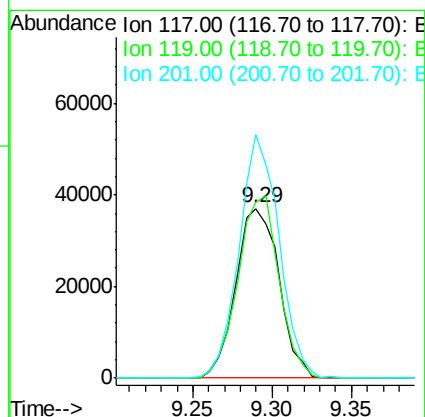
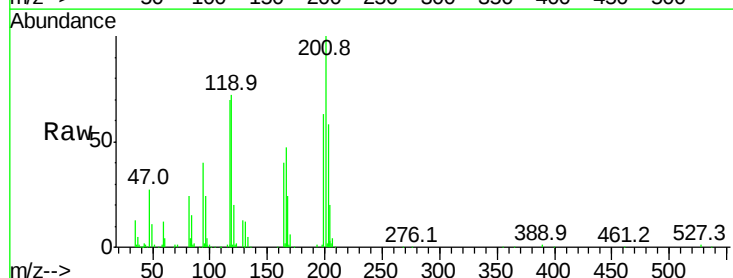
RT: 9.29 min Scan# 1098

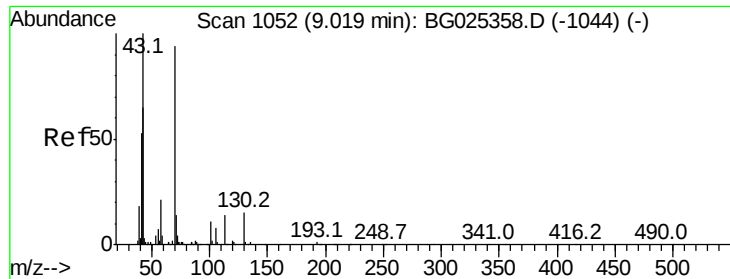
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 103.4 | 69.8 | 104.6  |       |
| 201     | 143.3 | 95.4 | 143.0# |       |





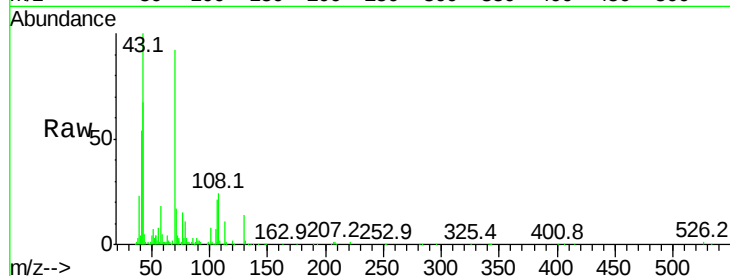
#19  
n-Nitroso-di-n-propylamine  
Concen: 50.75 ng  
RT: 9.01 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 72.8  | 56.1  | 84.1  |
| 101     | 8.6   | 7.5   | 11.3  |
| 130     | 15.1  | 14.6  | 21.8  |

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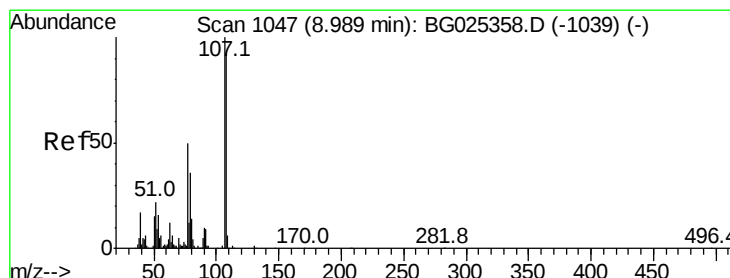
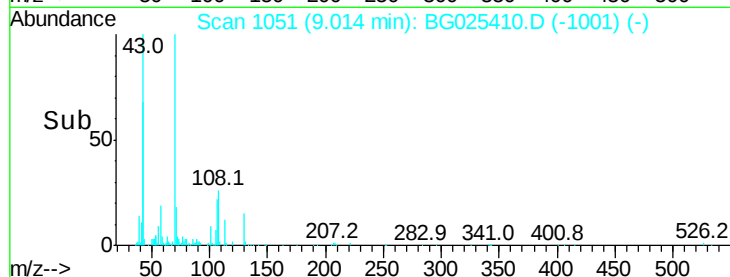
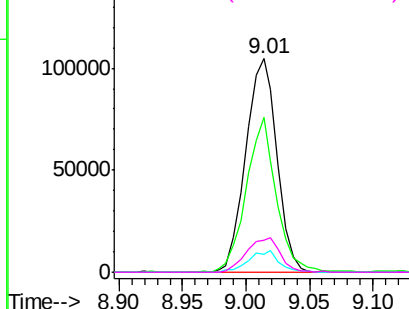
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

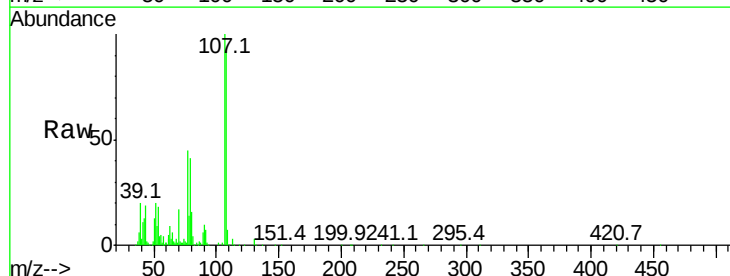
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 52.09 ng  
RT: 8.99 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.7  | 70.8  | 110.8 |
| 77      | 44.7  | 25.8  | 65.8  |
| 79      | 41.3  | 20.1  | 60.1  |



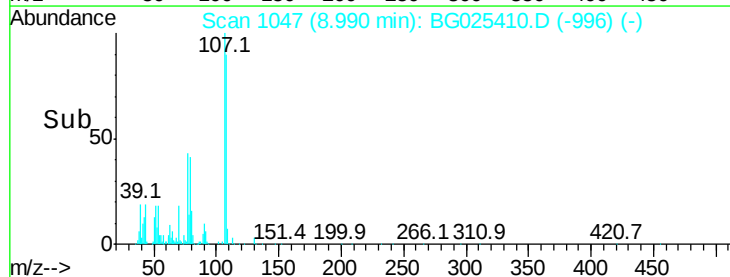
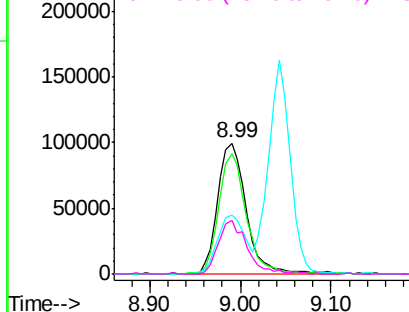
Abundance

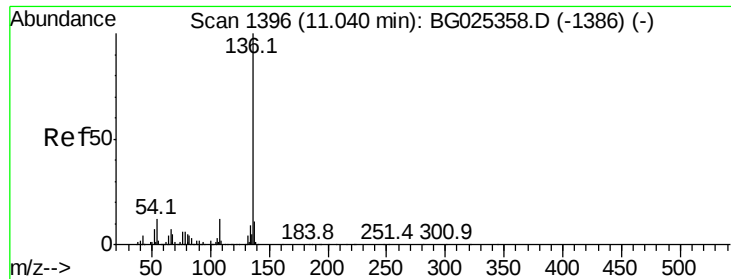
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





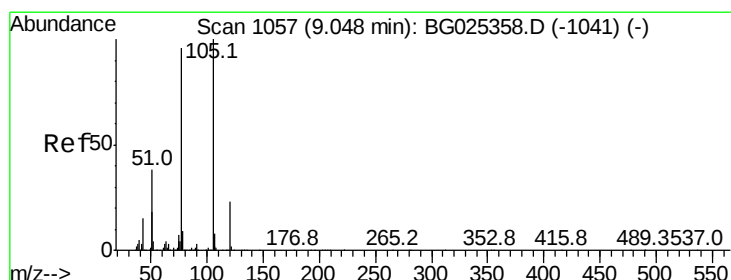
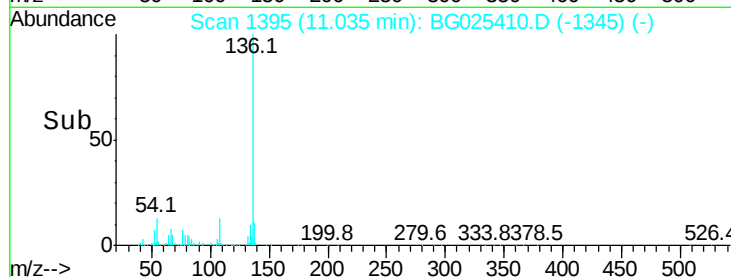
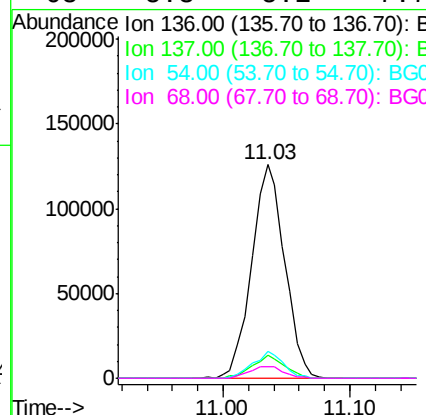
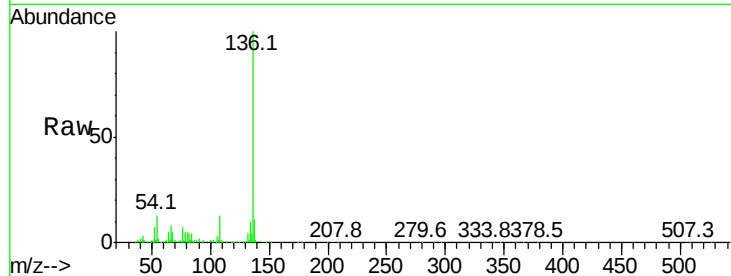
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 227608 |       |       |
| 137     | 10.8  |        | 8.9   | 13.3  |
| 54      | 12.5  |        | 9.3   | 13.9  |
| 68      | 5.3   |        | 5.1   | 7.7   |

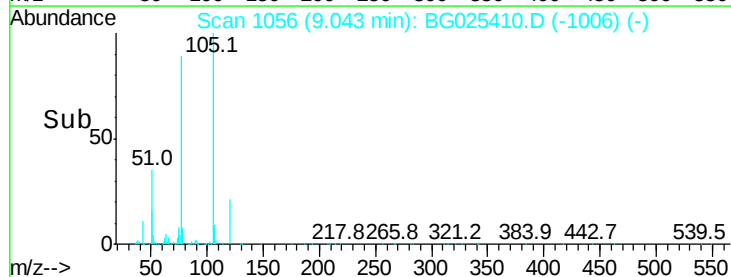
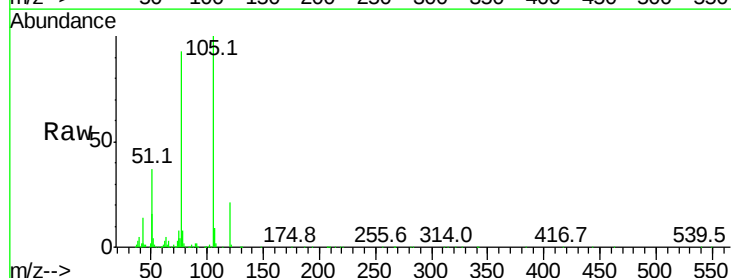
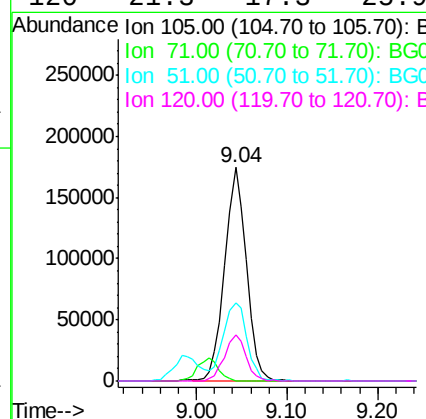
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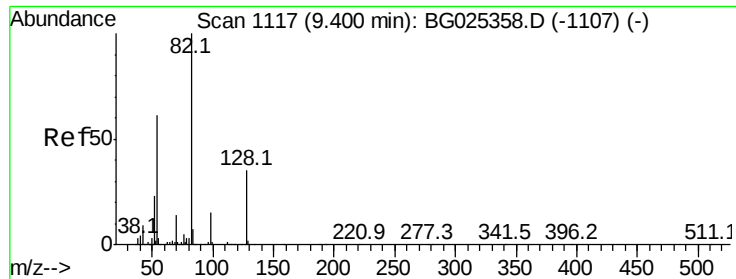
Sohil  
12/30/2016 8:43:27 AM



#22  
Acetophenone  
Concen: 45.78 ng  
RT: 9.04 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 289504 |       |       |
| 71      | 0.1   |        | 0.9   | 1.3#  |
| 51      | 36.8  |        | 34.0  | 51.0  |
| 120     | 21.3  |        | 17.3  | 25.9  |





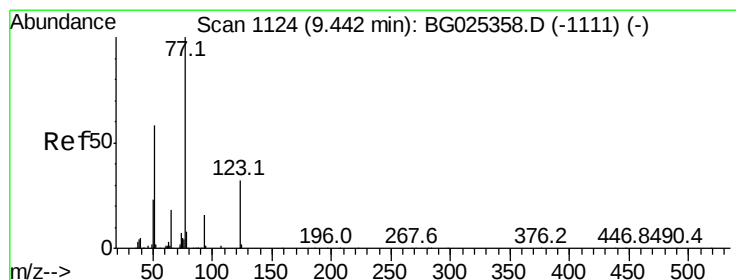
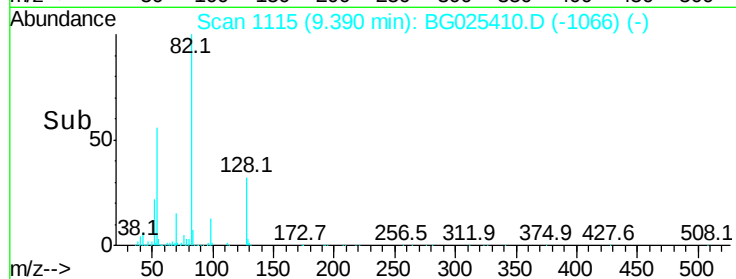
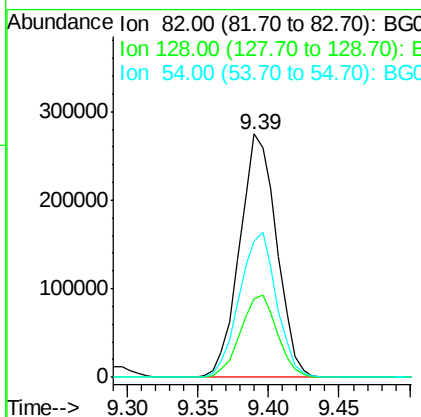
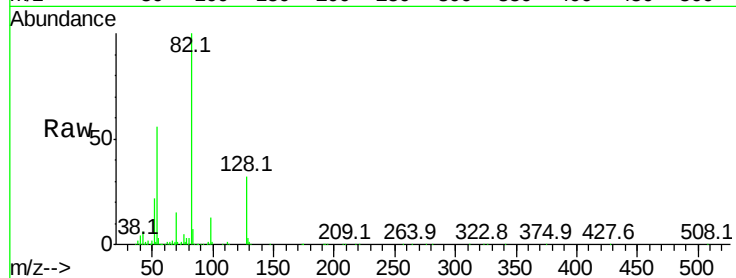
#23  
Nitrobenzene-d5  
Concen: 97.76 ng  
RT: 9.39 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 32.4  | 26.4  | 39.6  |
| 54      | 56.1  | 49.4  | 74.2  |

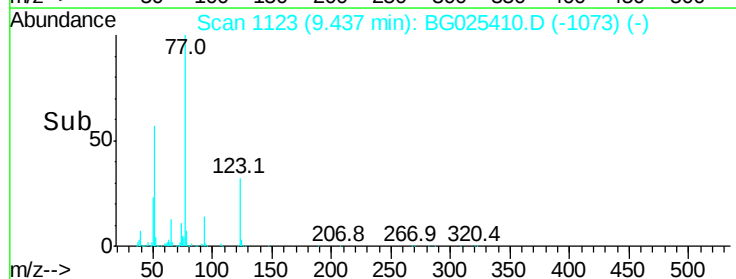
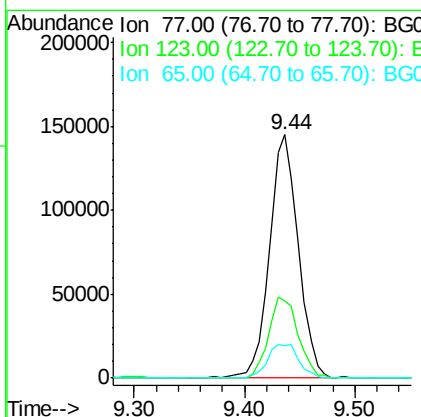
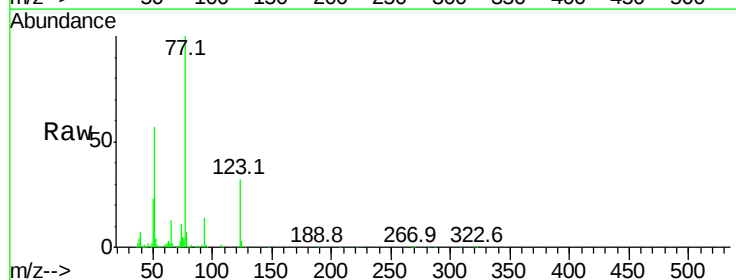
Manual Integrations  
APPROVED

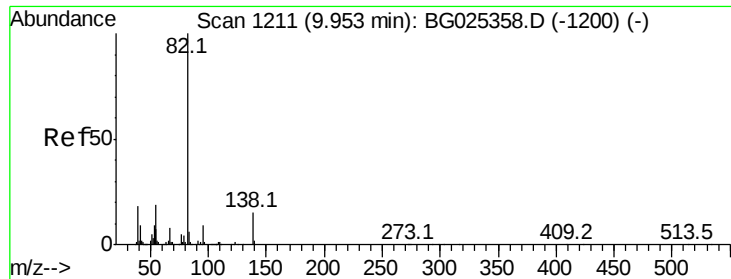
Sohil  
12/30/2016 8:43:27 AM



#24  
Nitrobenzene  
Concen: 46.48 ng  
RT: 9.44 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 31.8  | 26.1  | 39.1  |
| 65      | 13.1  | 12.4  | 18.6  |





#25

Isophorone

Concen: 52.09 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

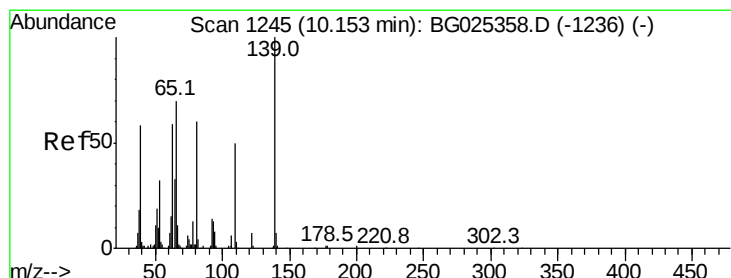
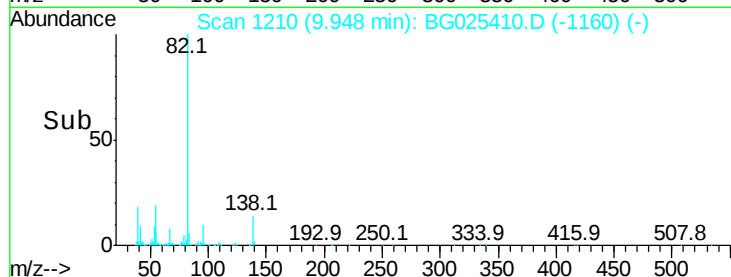
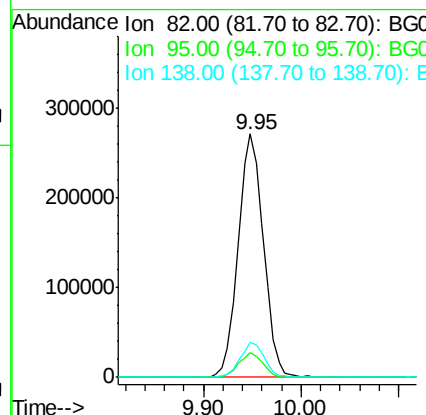
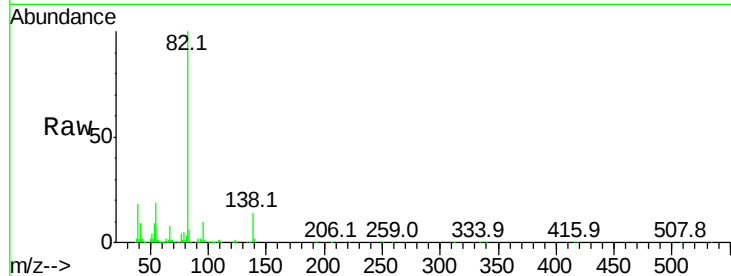
ClientSampleId :

TP11-COMP8MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 485894 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 10.4 | 7.5   | 11.3   |
| 138       | 14.3 | 12.3  | 18.5   |

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#26

2-Nitrophenol

Concen: 46.17 ng

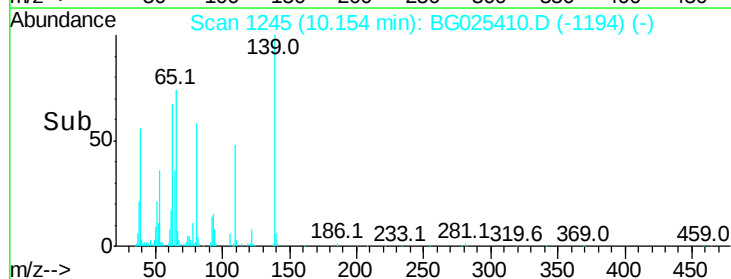
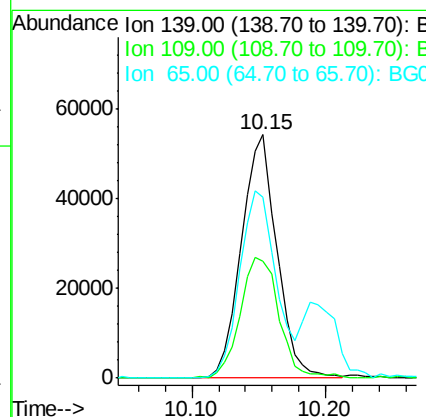
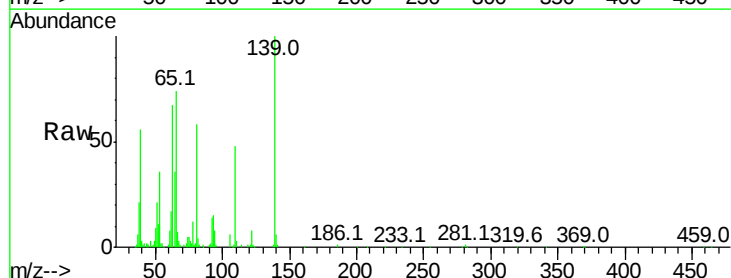
RT: 10.15 min Scan# 1245

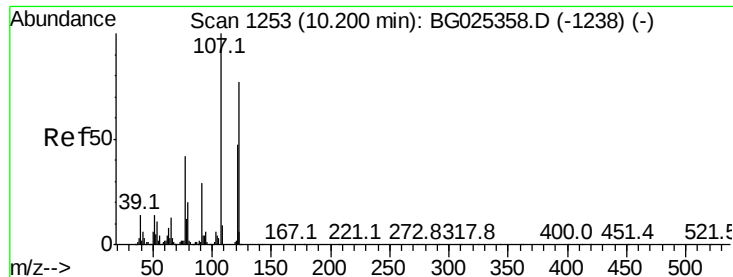
Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 99783 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 47.9 | 38.6  | 58.0  |
| 65        | 74.3 | 57.1  | 85.7  |





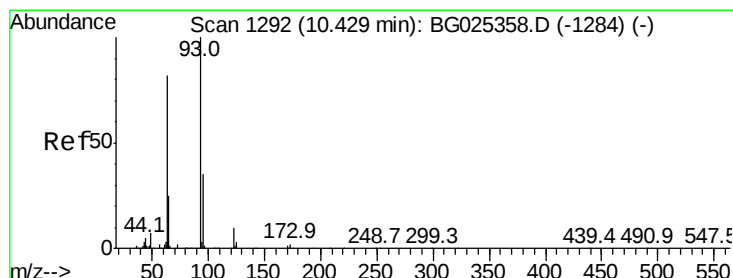
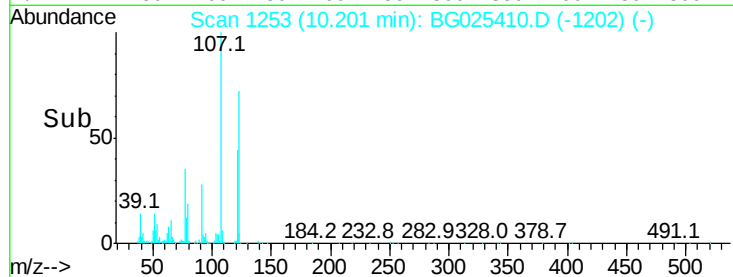
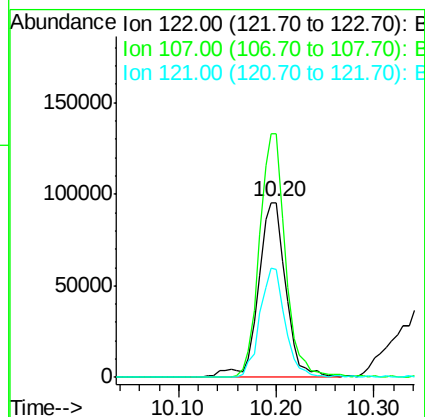
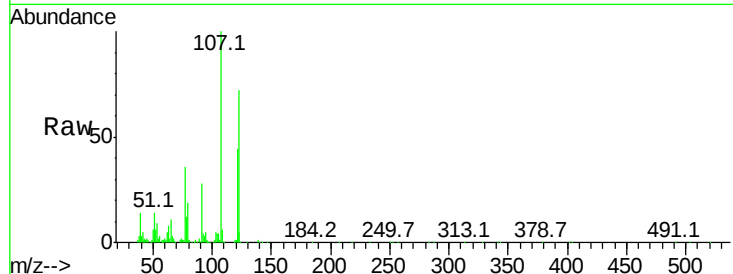
#27  
2,4-Dimethylphenol  
Concen: 53.28 ng  
RT: 10.20 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.2 | 104.2 | 156.4 |
| 121     | 61.9  | 46.0  | 69.0  |

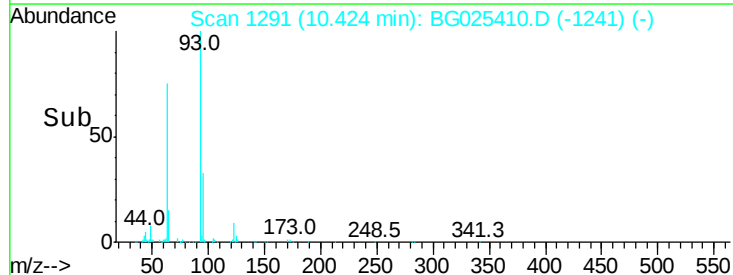
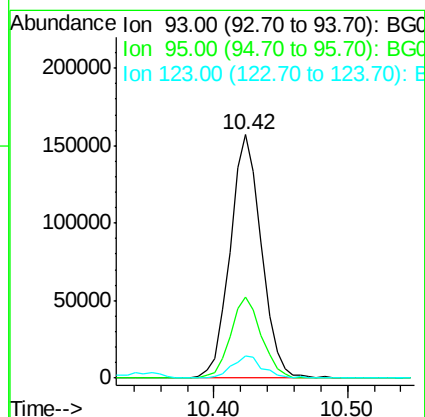
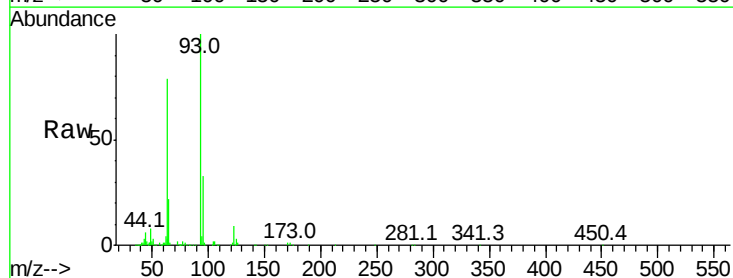
Manual Integrations  
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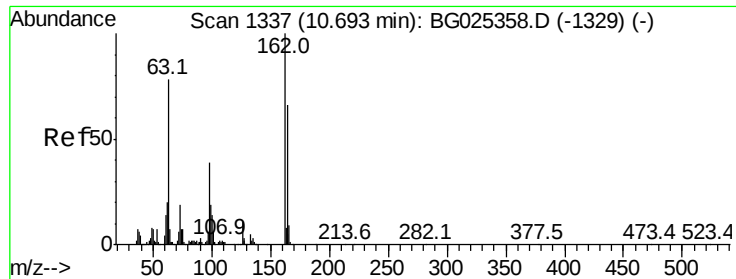
Sohil  
12/30/2016 8:43:27 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.86 ng  
RT: 10.42 min Scan# 1291  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 25.7  | 38.5  |
| 123     | 9.1   | 8.3   | 12.5  |





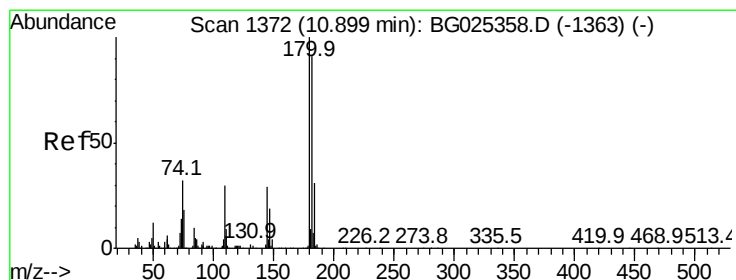
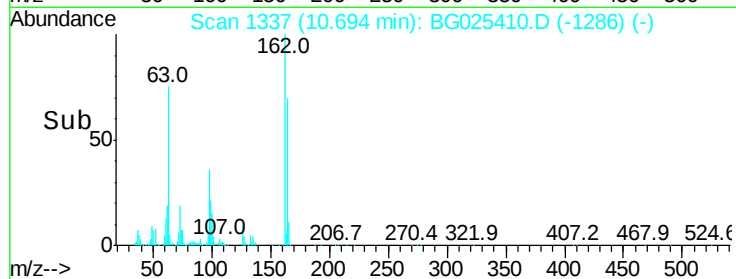
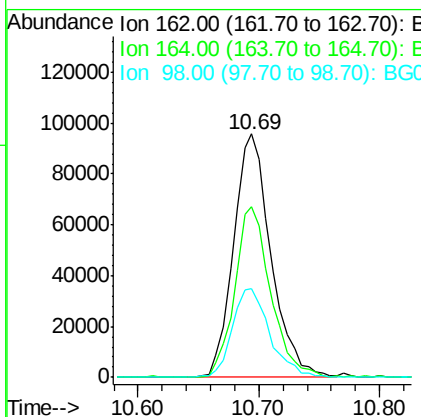
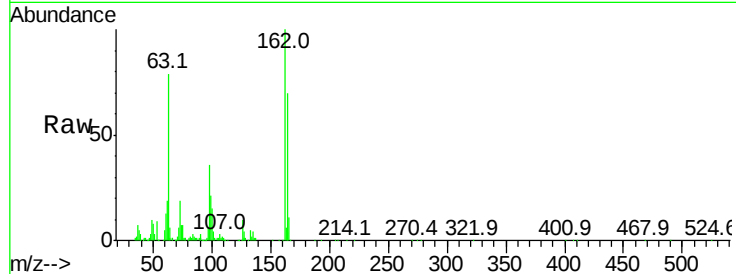
#29  
2,4-Dichlorophenol  
Concen: 54.20 ng  
RT: 10.69 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 70.3  | 42.4       | 82.4       |
| 98      | 36.4  | 20.3       | 60.3       |

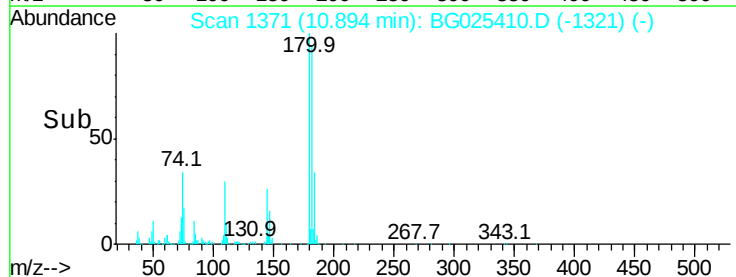
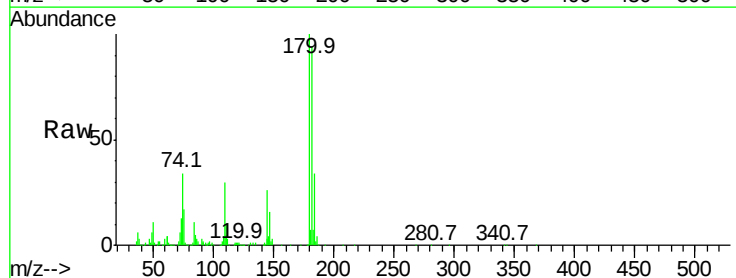
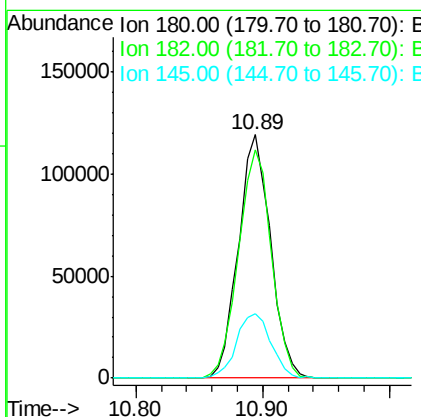
Manual Integrations  
APPROVED

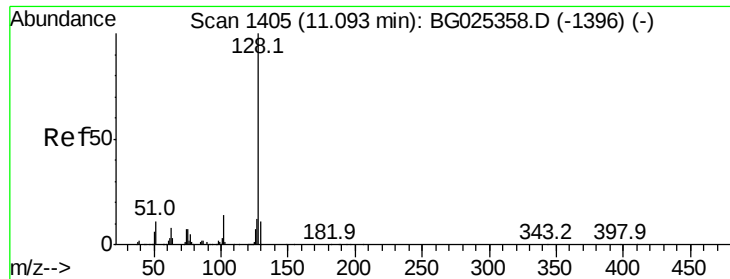
Sohil  
12/30/2016 8:43:27 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 45.65 ng  
RT: 10.89 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 93.5  | 77.0       | 115.4      |
| 145     | 26.4  | 23.4       | 35.0       |





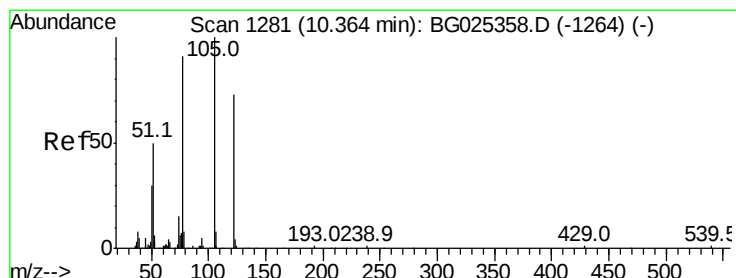
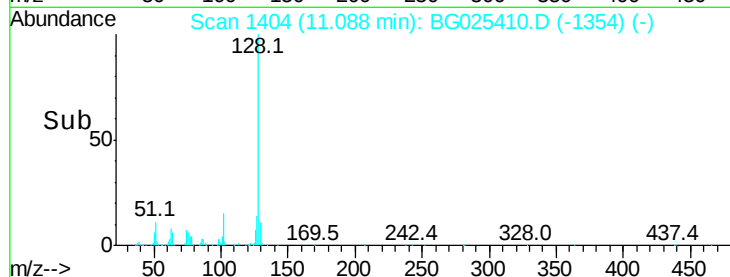
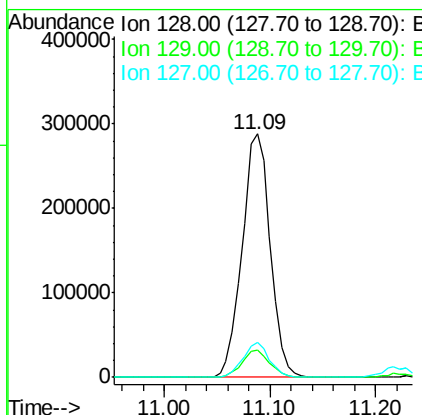
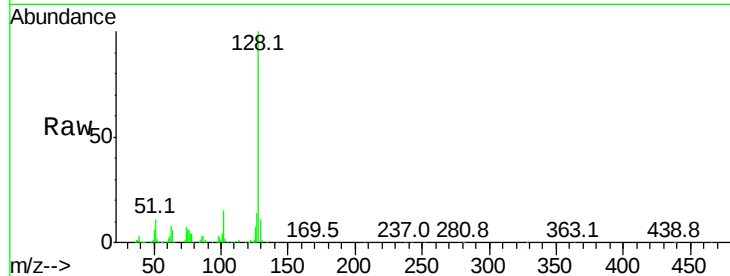
#31  
Naphthalene  
Concen: 46.68 ng  
RT: 11.09 min Scan# 1404  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 129     | 11.0  | 9.3        | 13.9  |
| 127     | 14.3  | 11.4       | 17.0  |

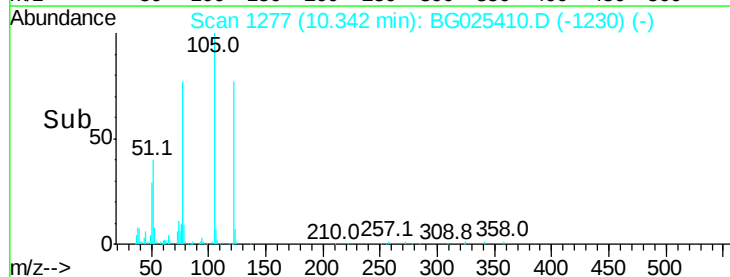
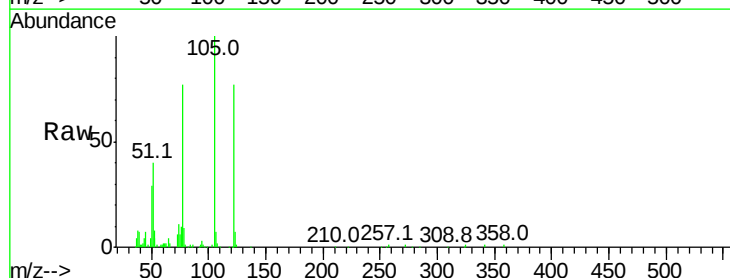
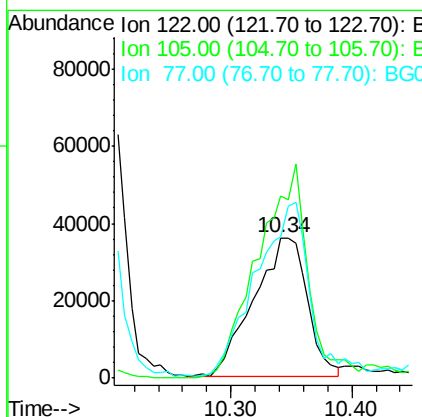
Manual Integrations  
APPROVED

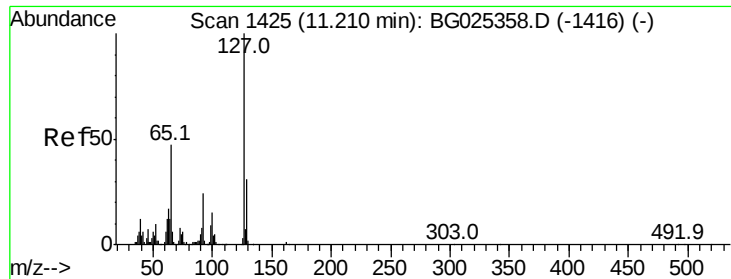
Sohil  
12/30/2016 8:43:27 AM



#32  
Benzoic acid  
Concen: 38.60 ng  
RT: 10.34 min Scan# 1277  
Delta R.T. -0.02 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 105     | 130.0 | 120.1      | 160.1 |
| 77      | 100.4 | 104.6      | 144.6 |





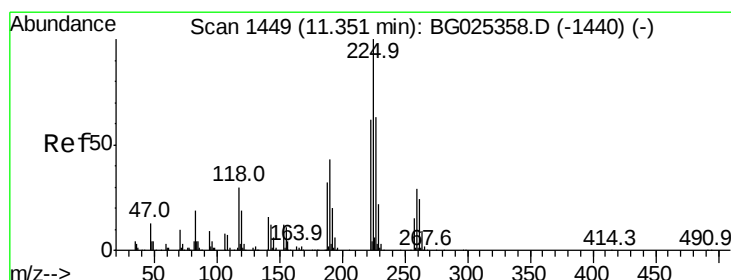
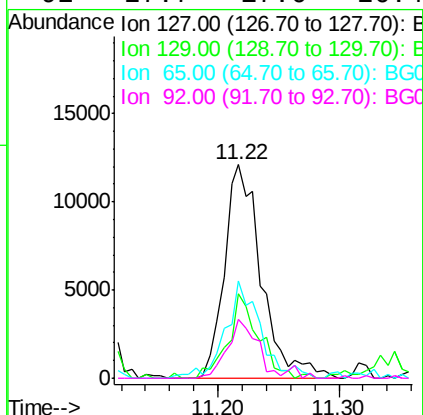
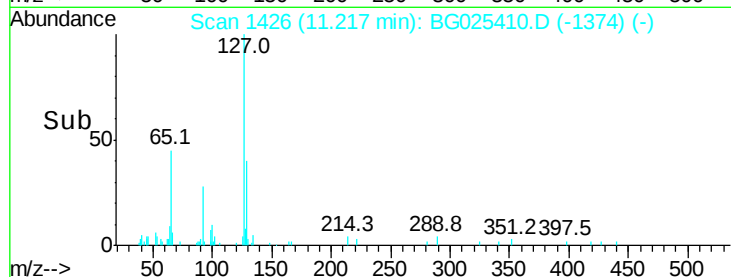
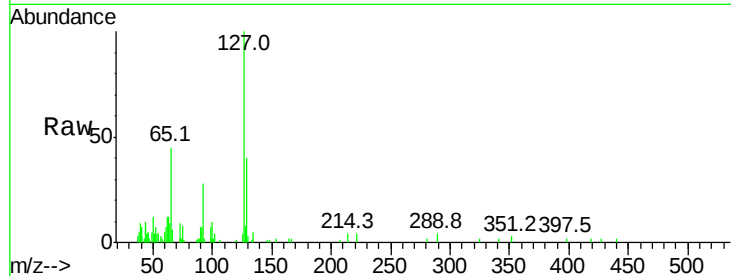
#33  
4-Chloroaniline  
Concen: 5.34 ng  
RT: 11.22 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 39.7  | 23.6  | 35.4# |
| 65      | 45.5  | 37.7  | 56.5  |
| 92      | 27.7  | 17.6  | 26.4# |

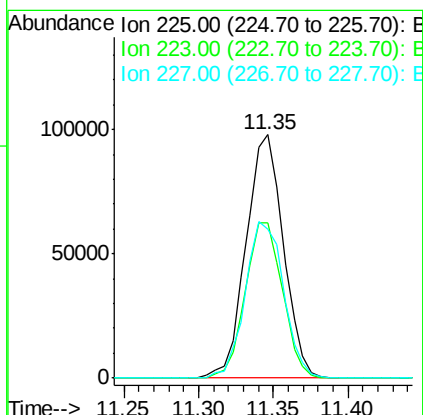
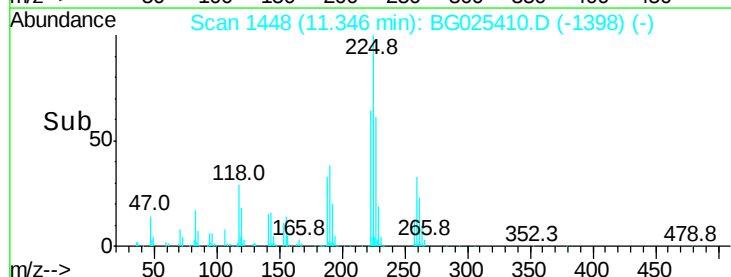
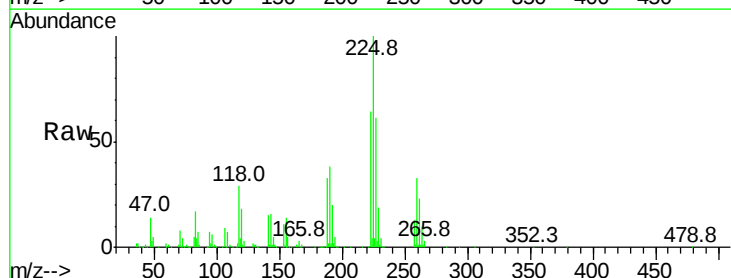
Manual Integrations  
APPROVED

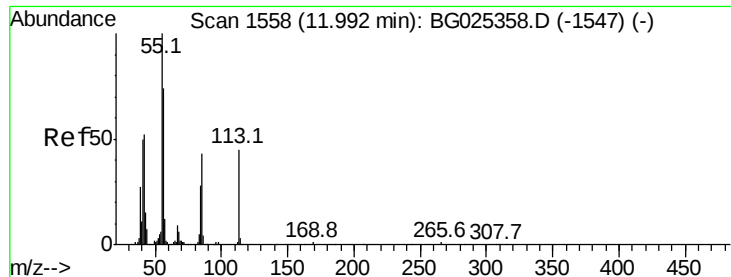
Sohil  
12/30/2016 8:43:27 AM



#34  
Hexachlorobutadiene  
Concen: 45.03 ng  
RT: 11.35 min Scan# 1448  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 50.7  | 76.1  |
| 227     | 61.3  | 49.0  | 73.6  |





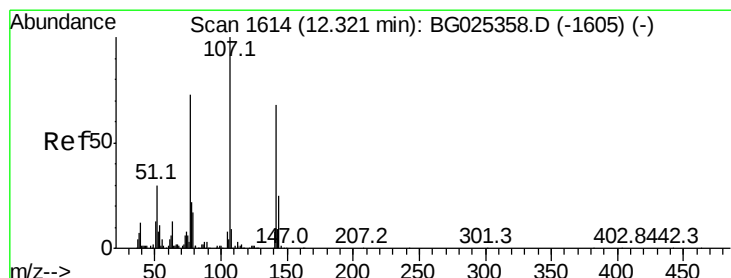
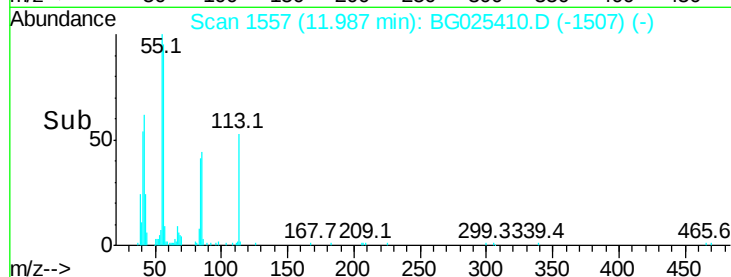
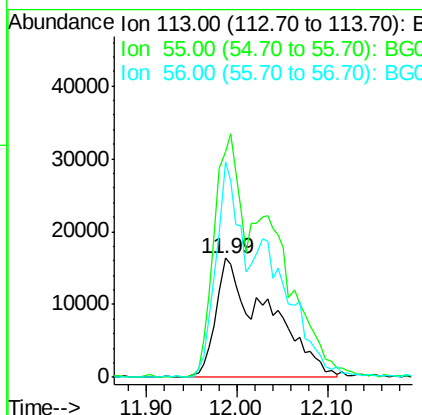
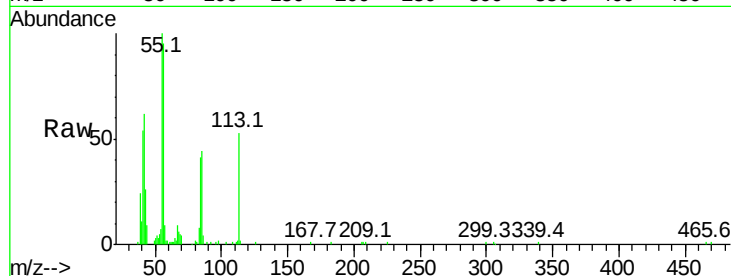
#35  
 Caprolactam  
 Concen: 45.89 ng/ml  
 RT: 11.99 min Scan# 1557  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |
| 55      | 189.6 | 198.6 | 238.6 |       |
| 56      | 180.4 | 140.4 | 180.4 |       |

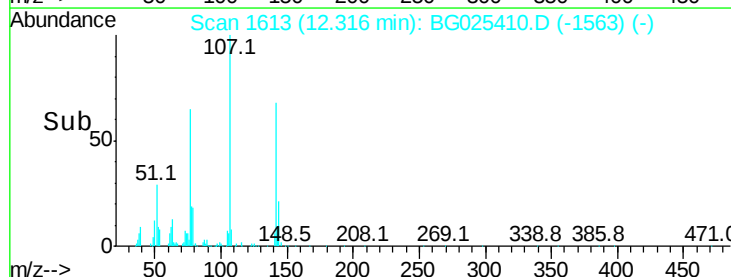
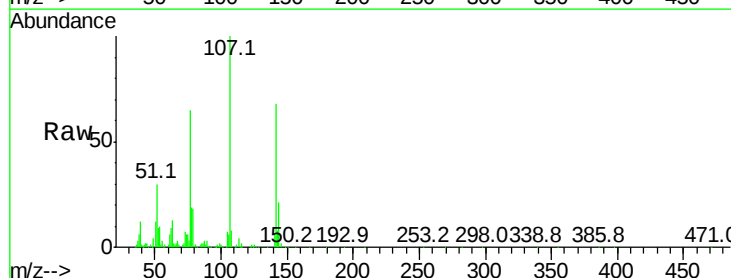
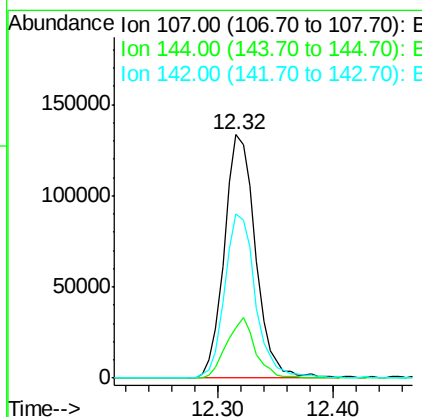
Manual Integrations  
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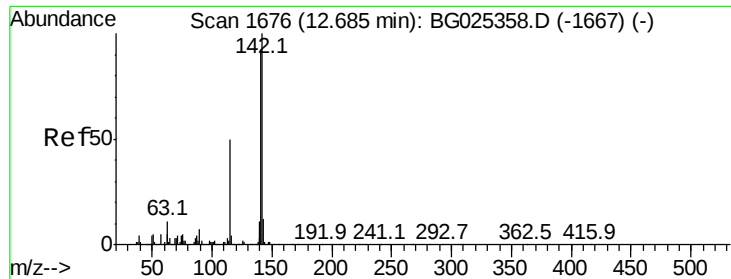
Sohil  
 12/30/2016 8:43:27 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 53.48 ng/ml  
 RT: 12.32 min Scan# 1613  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 144     | 20.6 | 17.4  | 26.0  |       |
| 142     | 67.7 | 54.1  | 81.1  |       |





#37

2-Methylnaphthalene

Concen: 50.46 ng

RT: 12.67 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

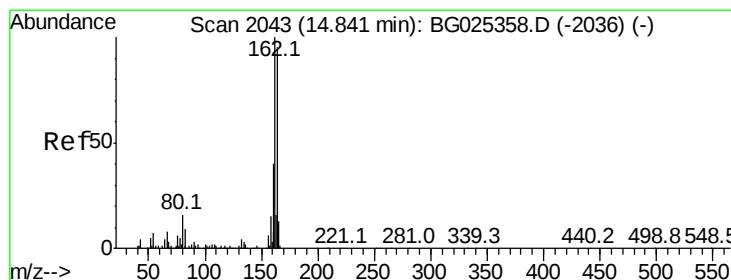
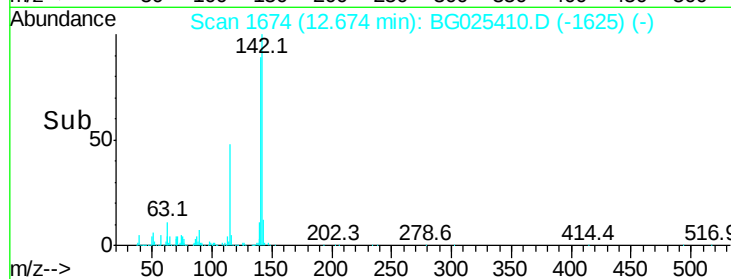
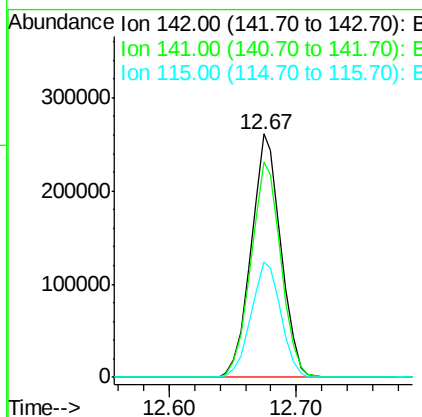
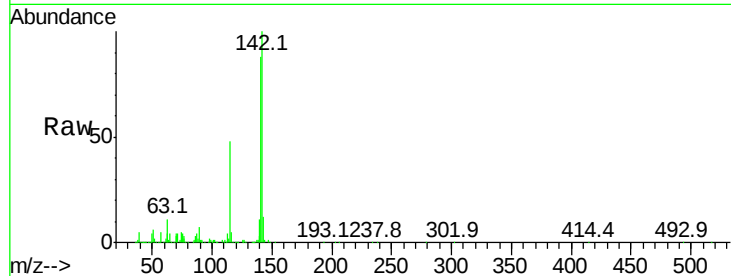
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 425089 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.2  | 70.4  | 105.6  |
| 115       | 47.7  | 35.5  | 53.3   |

Manual Integrations  
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#38

Acenaphthene-d10

Concen: 20.00 ng

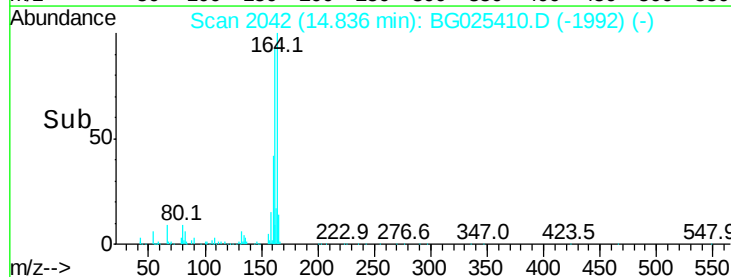
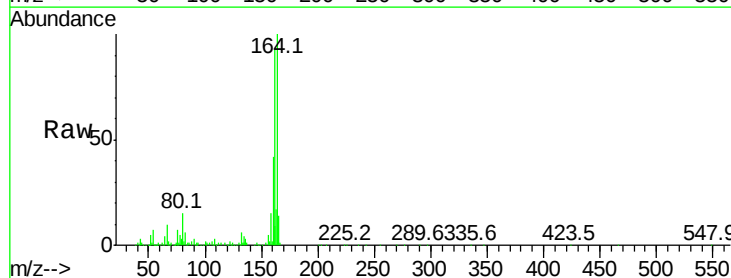
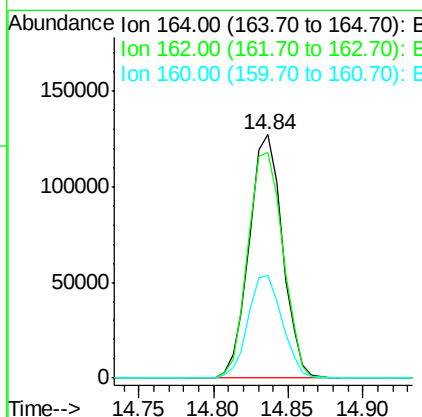
RT: 14.84 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 195875 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 92.8  | 85.1  | 127.7  |
| 160       | 42.2  | 34.7  | 52.1   |





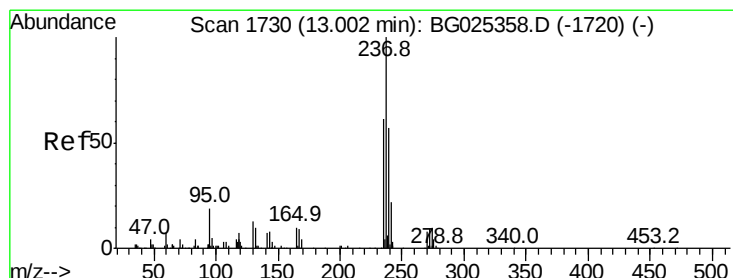
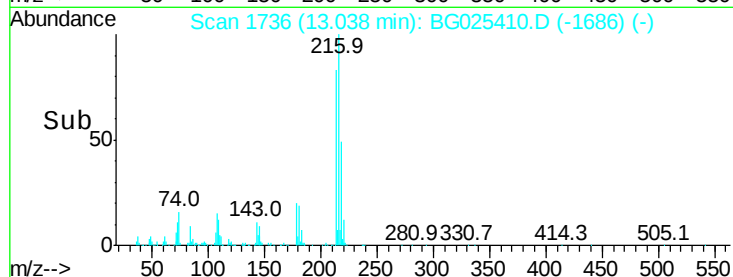
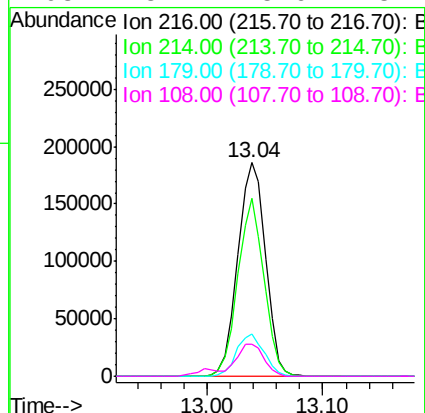
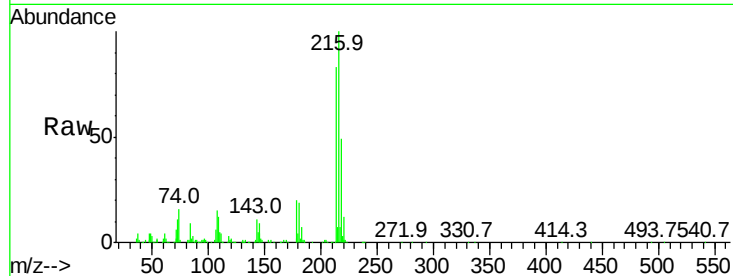
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.57 ng  
RT: 13.04 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.6  | 64.4       | 96.6  |
| 179     | 19.6  | 17.4       | 26.0  |
| 108     | 15.1  | 15.6       | 23.4  |

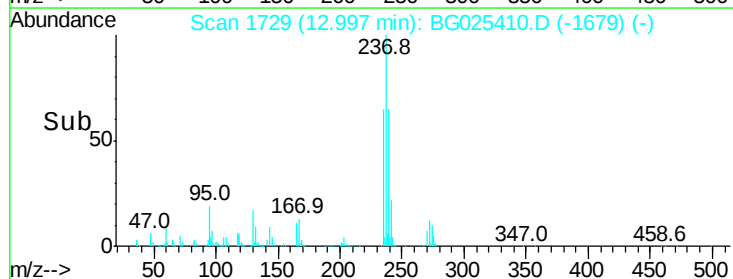
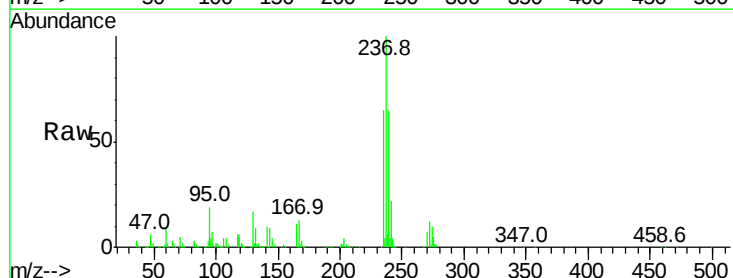
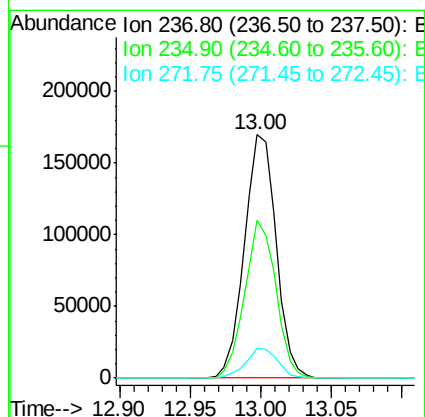
Manual Integrations  
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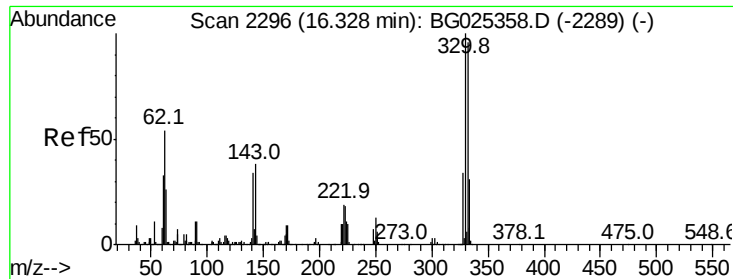
Sohil  
12/30/2016 8:43:27 AM



#40  
Hexachlorocyclopentadiene  
Concen: 110.07 ng  
RT: 13.00 min Scan# 1729  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 65.0  | 39.4       | 79.4  |
| 272     | 12.3  | 0.0        | 32.0  |





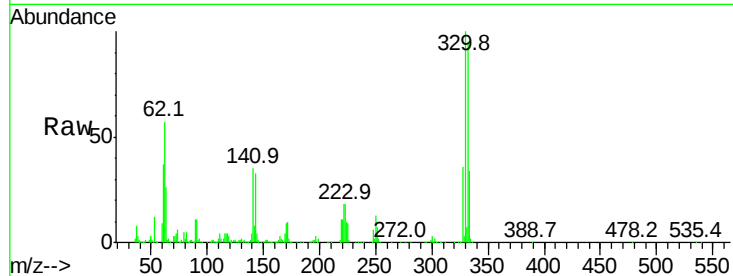
#41  
2,4,6-Tribromophenol  
Concen: 152.18 ng  
RT: 16.32 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

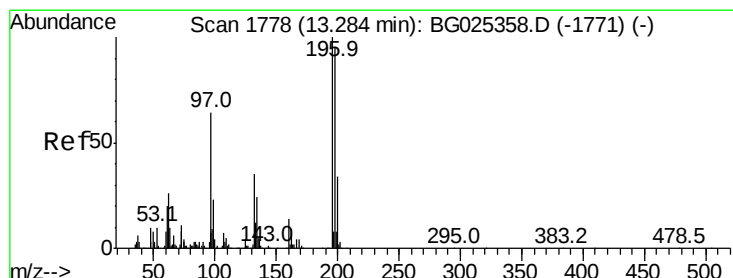
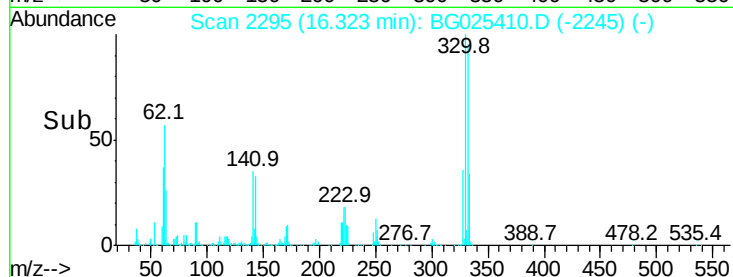
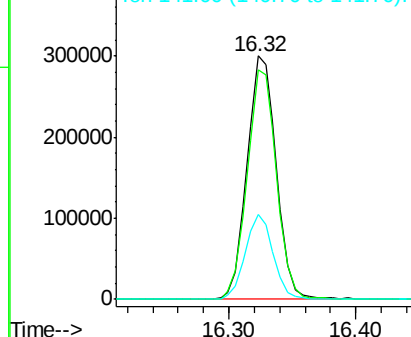
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 479888 |       |       |
| 332     | 94.6  | 77.3   | 115.9 |       |
| 141     | 33.1  | 32.1   | 48.1  |       |

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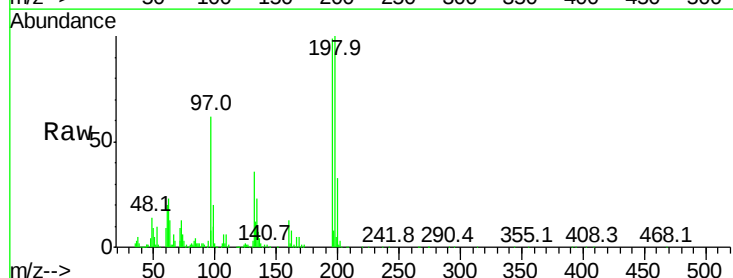


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

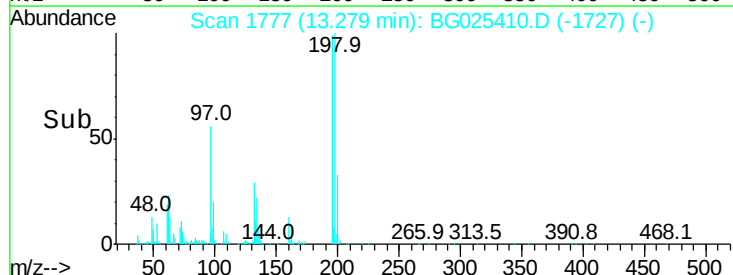
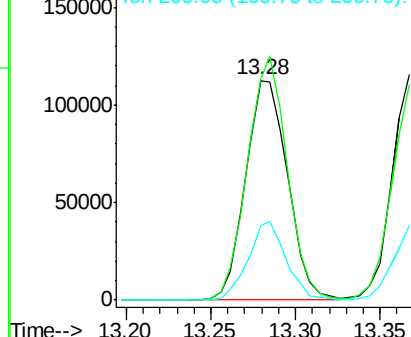


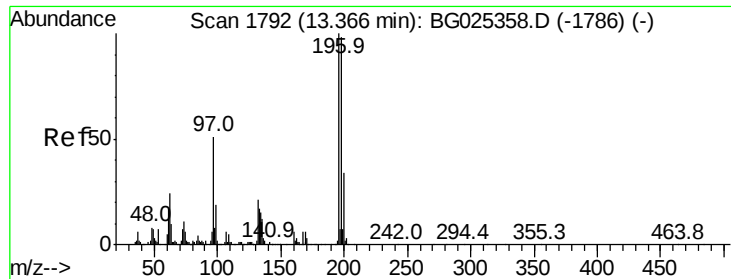
#42  
2,4,6-Trichlorophenol  
Concen: 47.86 ng  
RT: 13.28 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 194896 |       |       |
| 198     | 100.8 | 81.4   | 122.2 |       |
| 200     | 33.7  | 27.0   | 40.6  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





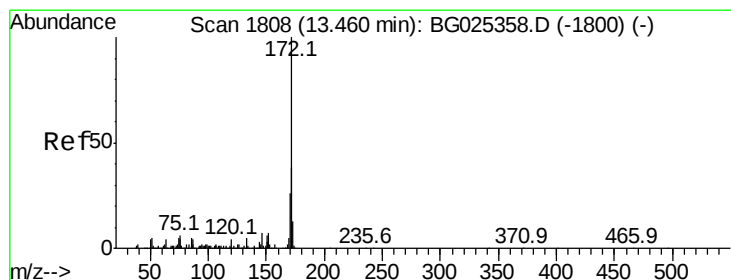
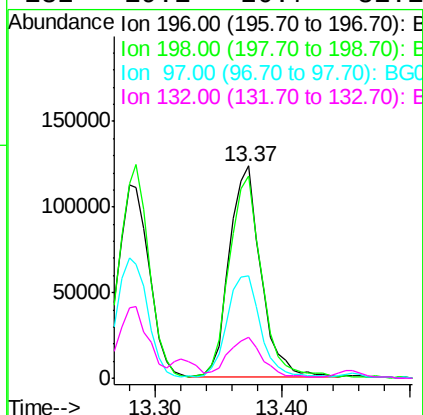
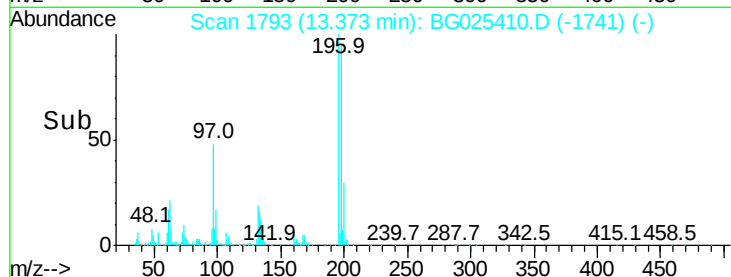
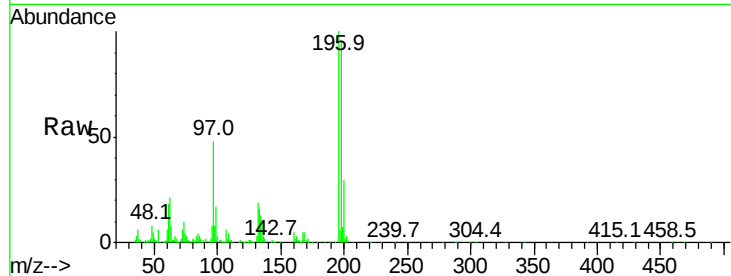
#43  
2,4,5-Trichlorophenol  
Concen: 49.96 ng  
RT: 13.37 min Scan# 1793  
Delta R.T. 0.01 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 212953 |       |       |
| 198     | 95.2  | 79.9   | 119.9 |       |
| 97      | 48.5  | 45.4   | 68.0  |       |
| 132     | 19.1  | 20.7   | 31.1  |       |

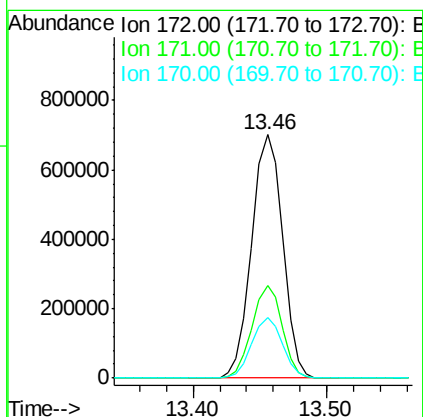
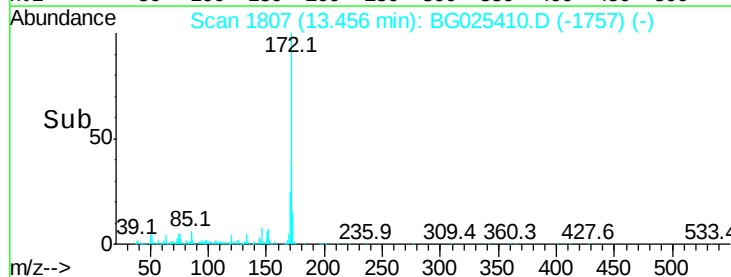
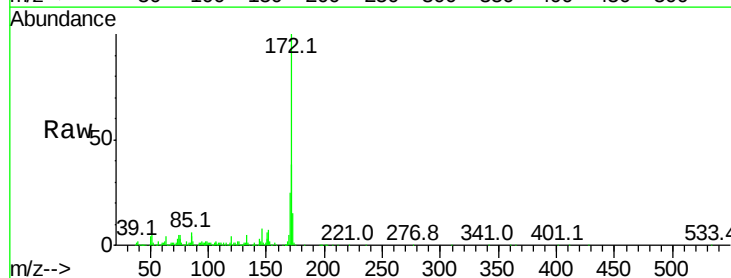
Manual Integrations  
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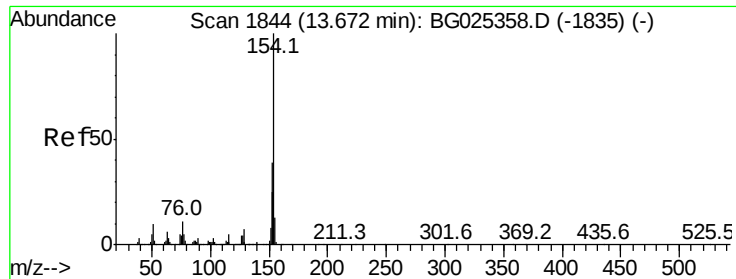
Sohil  
12/30/2016 8:43:27 AM



#44  
2-Fluorobiphenyl  
Concen: 92.72 ng  
RT: 13.46 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1121832 |       |       |
| 171     | 38.1  | 32.2    | 48.2  |       |
| 170     | 24.8  | 21.8    | 32.6  |       |





#45

1,1'-Biphenyl

Concen: 47.74 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

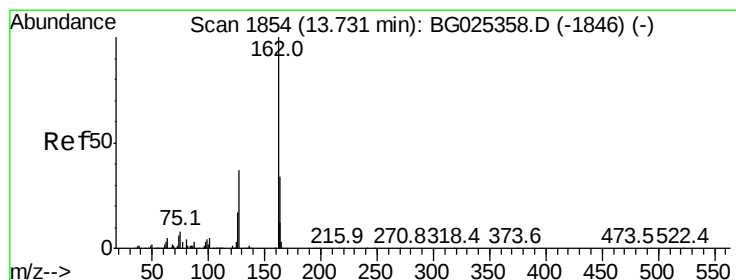
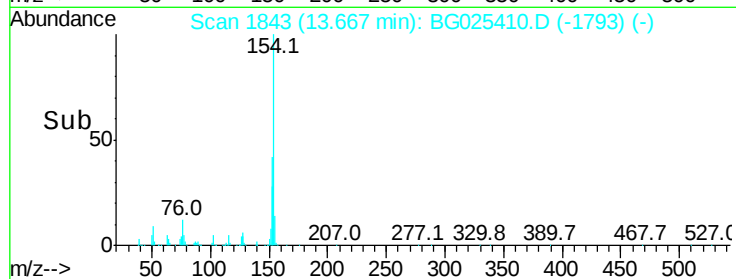
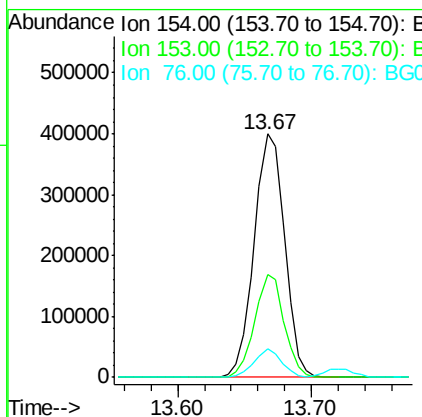
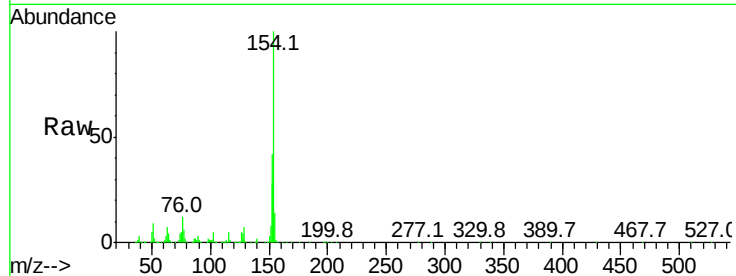
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 629008 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.0  | 23.0  | 63.0   |
| 76        | 11.8  | 0.0   | 33.5   |

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#46

2-Chloronaphthalene

Concen: 47.69 ng

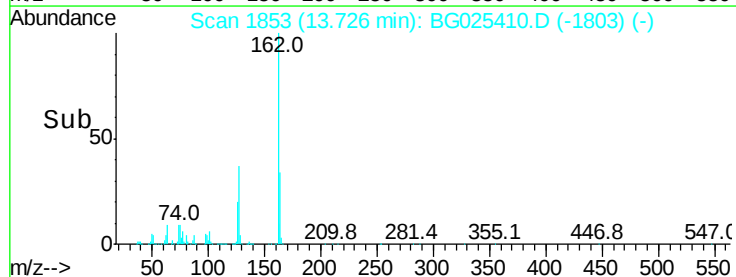
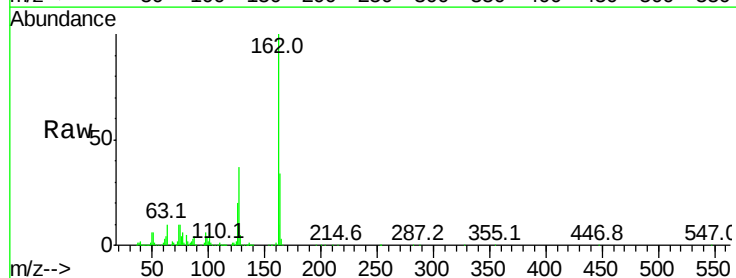
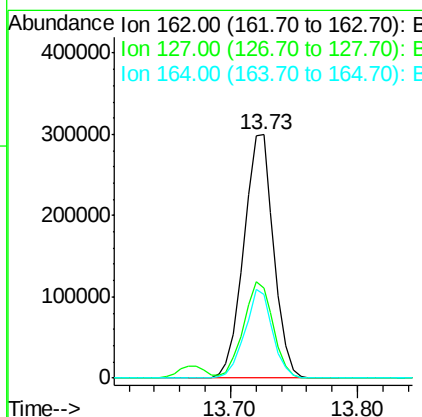
RT: 13.73 min Scan# 1853

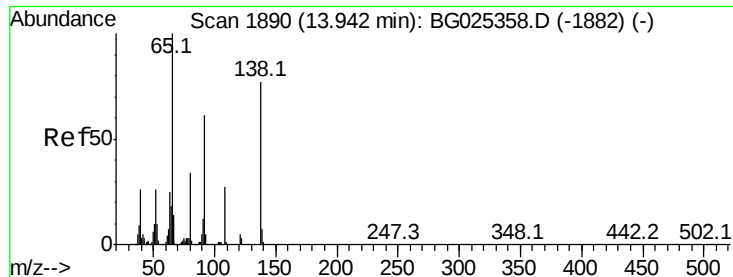
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 490909 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.1  | 32.2  | 48.4   |
| 164       | 34.2  | 27.3  | 40.9   |





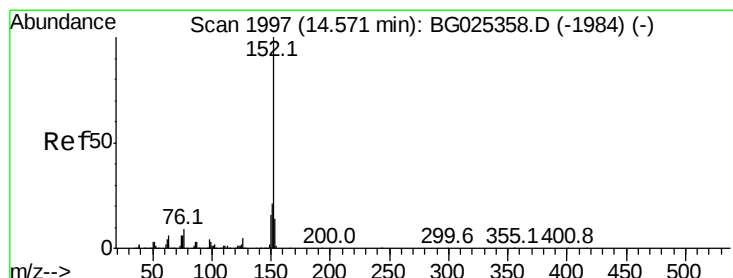
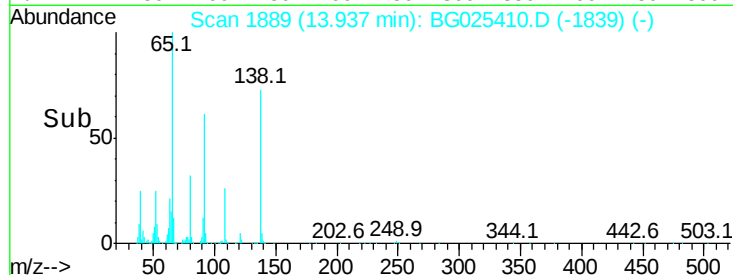
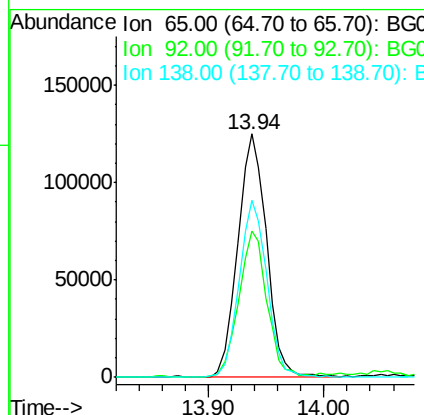
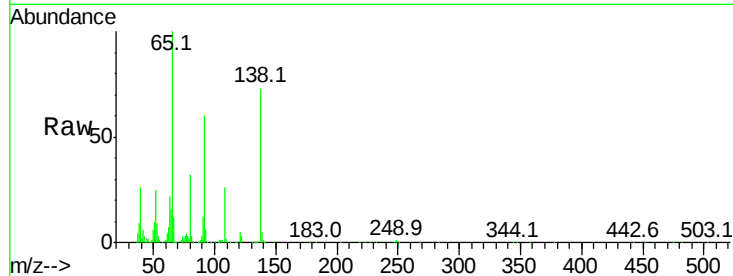
#47  
2-Nitroaniline  
Concen: 49.69 ng  
RT: 13.94 min Scan# 1889  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.2  | 49.0  | 73.4  |
| 138     | 72.9  | 58.6  | 87.8  |

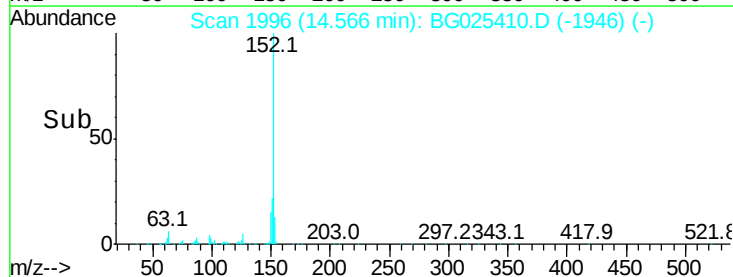
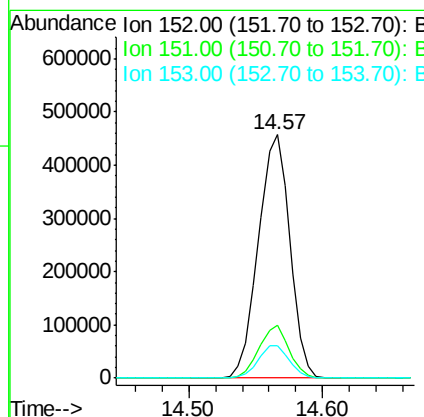
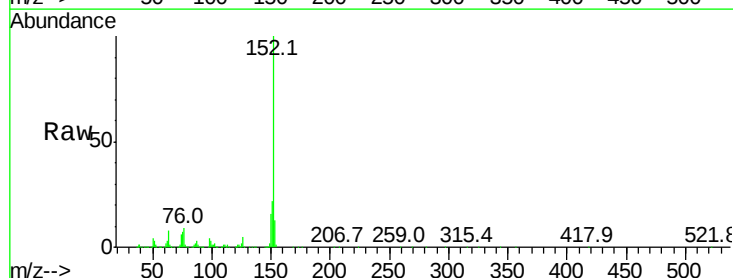
Manual Integrations  
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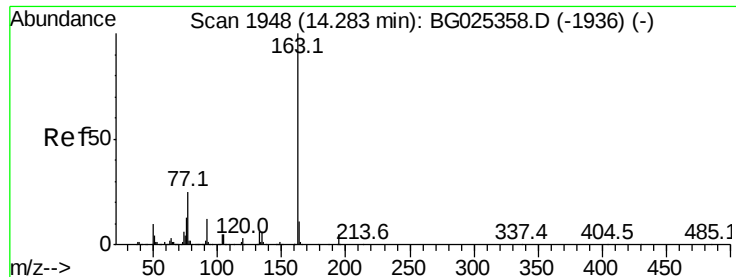
Sohil  
12/30/2016 8:43:27 AM



#48  
Acenaphthylene  
Concen: 46.72 ng  
RT: 14.57 min Scan# 1996  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.8  | 18.2  | 27.2  |
| 153     | 13.3  | 11.3  | 16.9  |





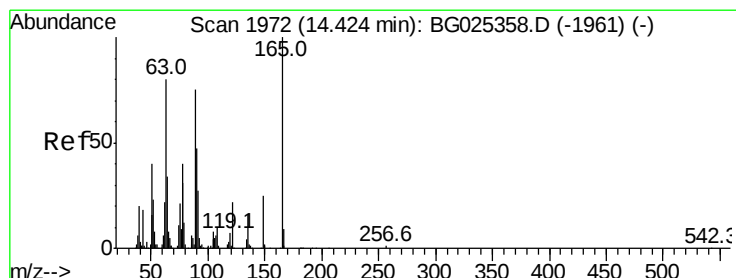
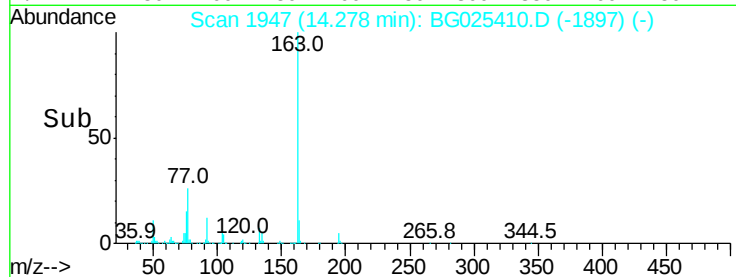
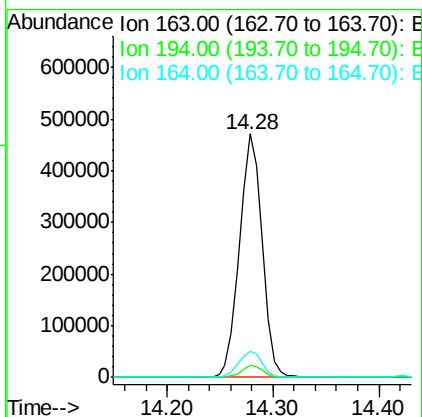
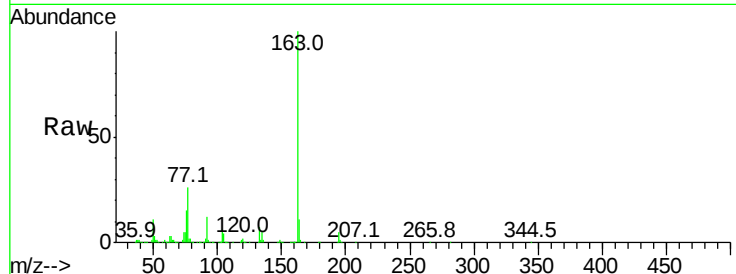
#49  
Dimethylphthalate  
Concen: 48.77 ng  
RT: 14.28 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 696361 |       |       |
| 194     | 4.7   |        | 3.8   | 5.6   |
| 164     | 10.6  |        | 9.3   | 13.9  |

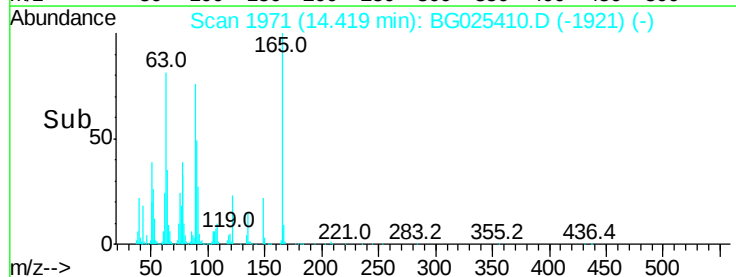
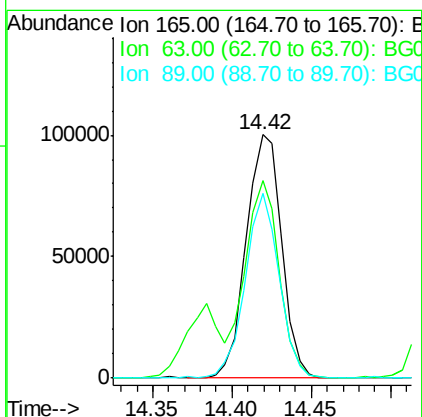
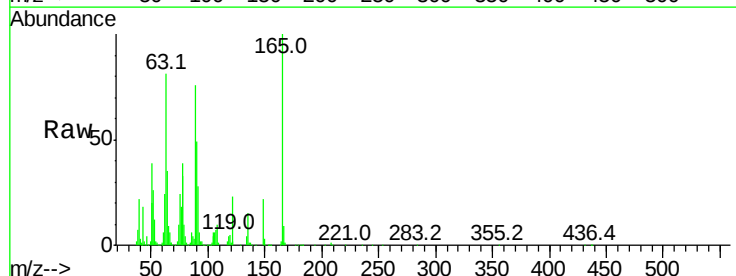
Manual Integrations  
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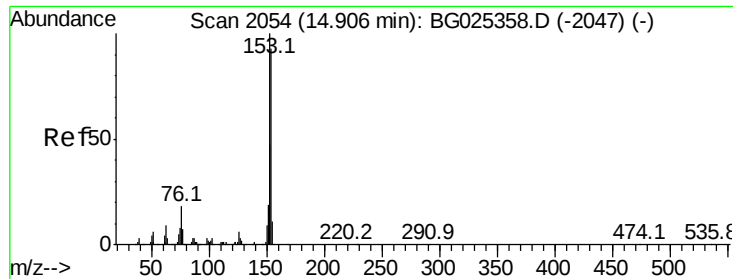
Sohil  
12/30/2016 8:43:27 AM



#50  
2,6-Dinitrotoluene  
Concen: 49.94 ng  
RT: 14.42 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 155778 |       |       |
| 63      | 81.1  |        | 63.9  | 95.9  |
| 89      | 76.1  |        | 58.6  | 88.0  |





#51

Acenaphthene

Concen: 46.22 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

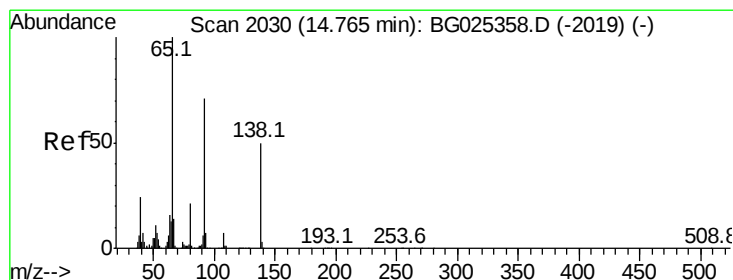
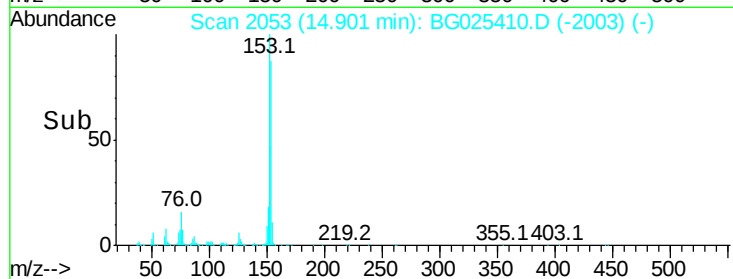
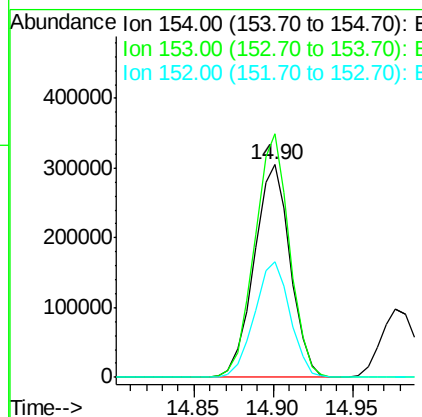
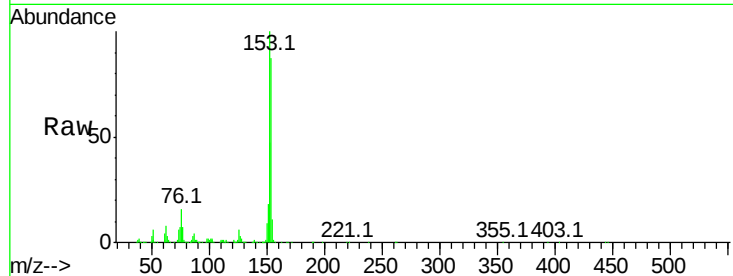
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 482280 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.4 | 87.8  | 131.6  |
| 152       | 54.2  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 5.41 ng

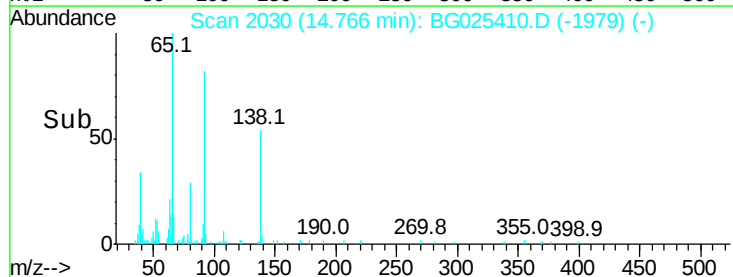
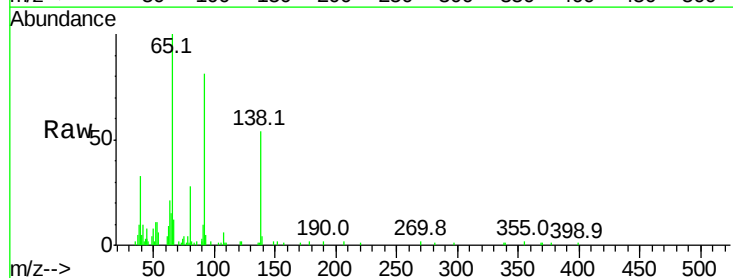
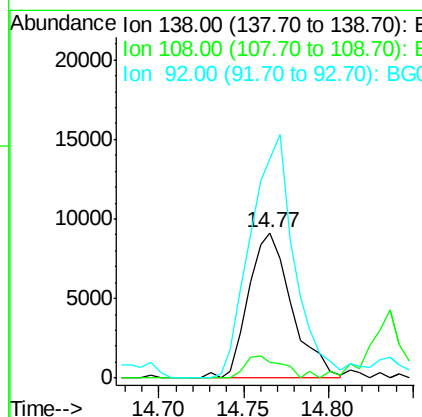
RT: 14.77 min Scan# 2030

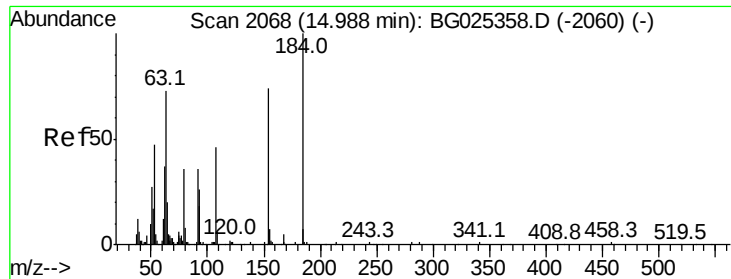
Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 16230 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.1  | 10.9  | 16.3  |
| 92        | 150.4 | 115.3 | 172.9 |





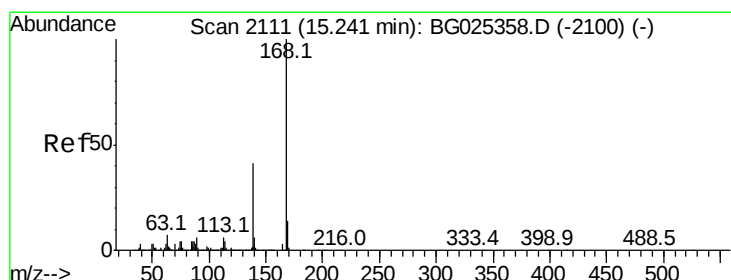
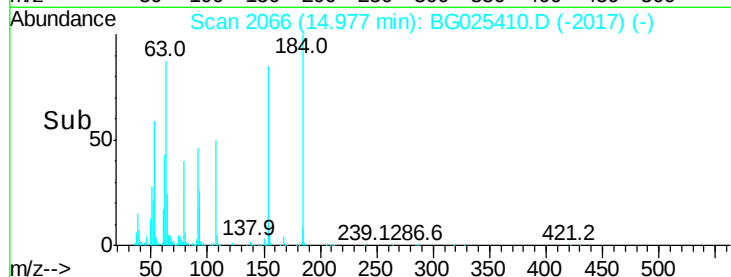
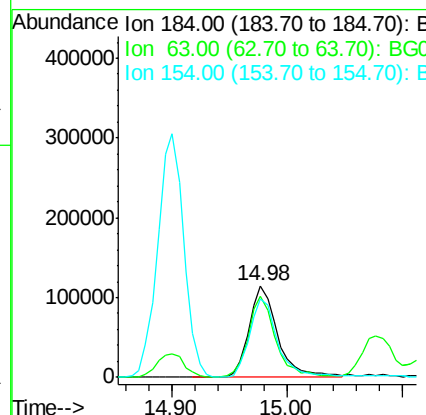
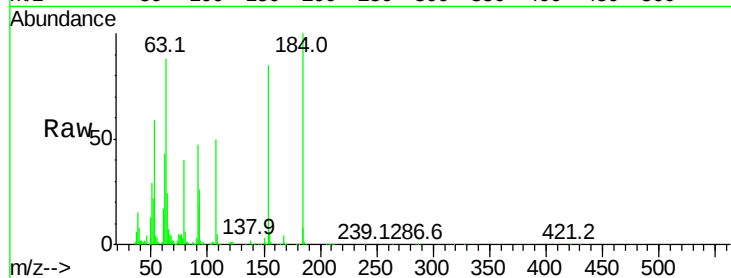
#53  
 2,4-Dinitrophenol  
 Concen: 95.73 ng  
 RT: 14.98 min Scan# 2066  
 Delta R.T. -0.01 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 87.5  | 52.7  | 79.1# |
| 154     | 85.0  | 57.3  | 85.9  |

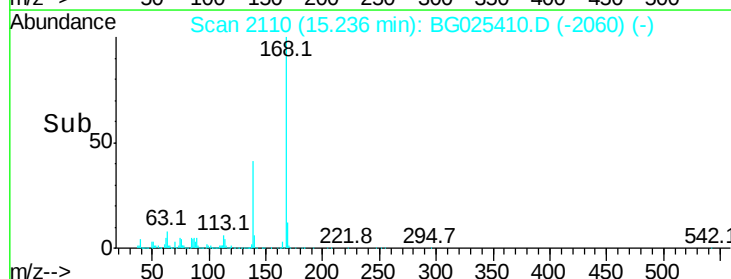
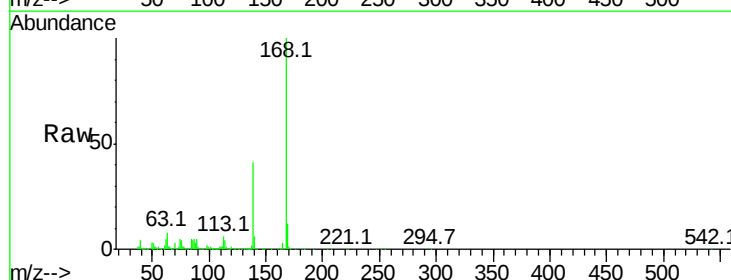
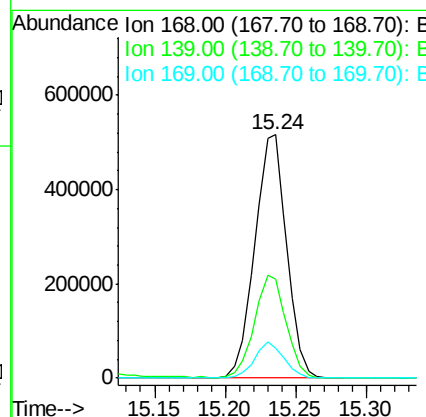
Manual Integrations  
 APPROVED

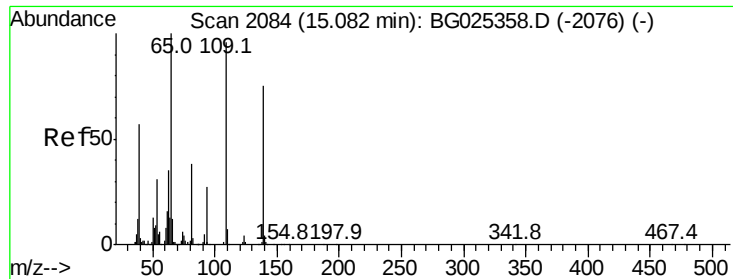
Sohil  
 12/30/2016 8:43:27 AM



#54  
 Dibenzofuran  
 Concen: 49.55 ng  
 RT: 15.24 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.7  | 35.3  | 52.9  |
| 169     | 12.5  | 11.5  | 17.3  |





#55

4-Nitrophenol

Concen: 97.58 ng

RT: 15.08 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

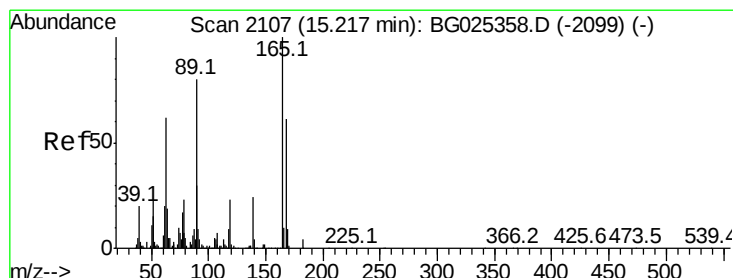
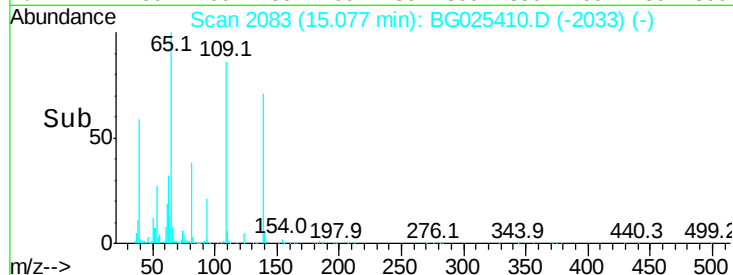
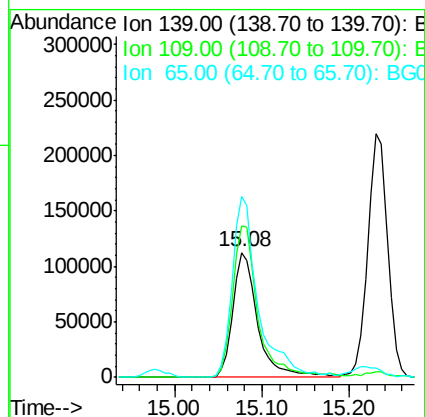
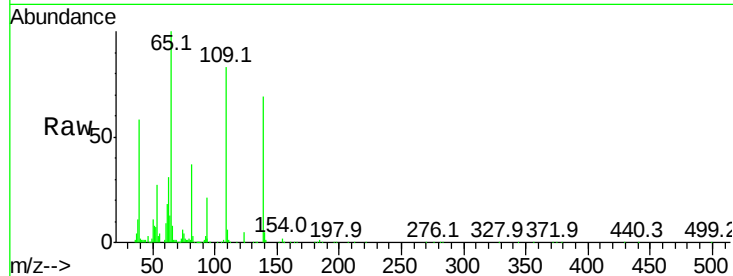
ClientSampleId :

TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 218576 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 121.1 | 101.2 | 141.2  |
| 65        | 145.2 | 135.3 | 175.3  |

Manual Integrations  
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#56

2,4-Dinitrotoluene

Concen: 50.85 ng

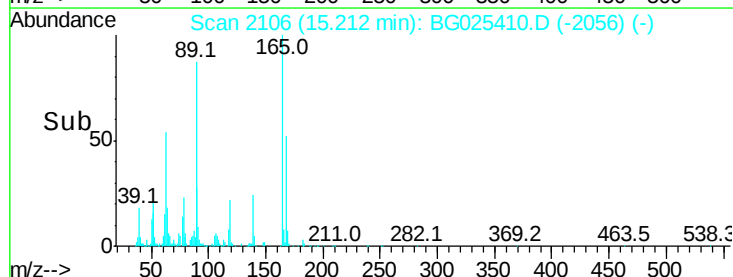
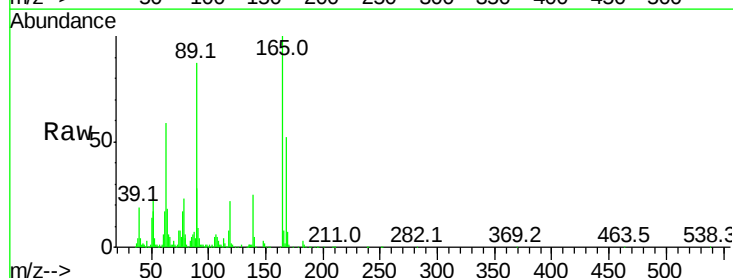
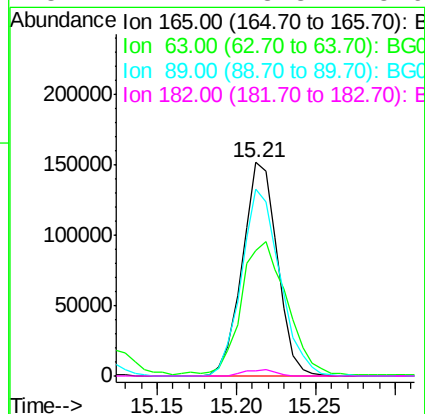
RT: 15.21 min Scan# 2106

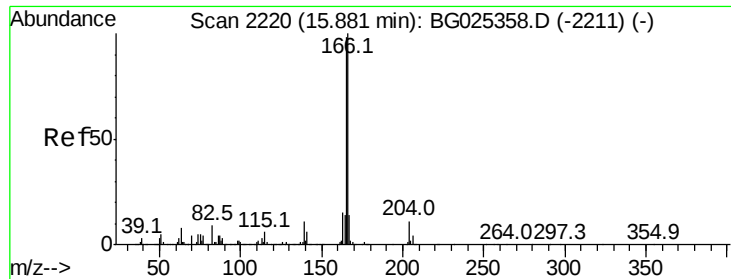
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 230969 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 58.6  | 44.0  | 66.0   |
| 89        | 87.2  | 67.3  | 100.9  |
| 182       | 2.7   | 3.8   | 5.6#   |





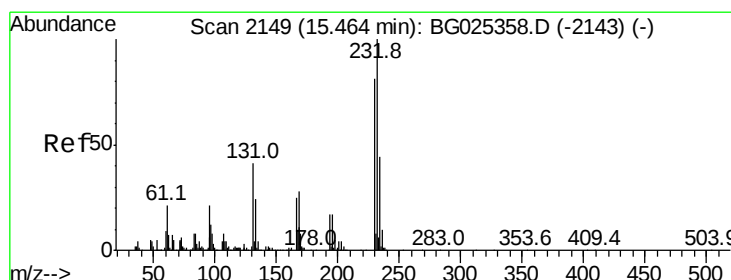
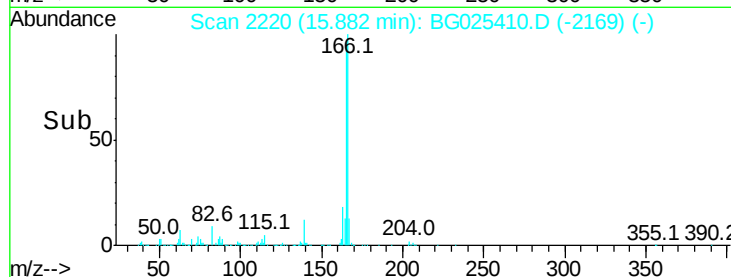
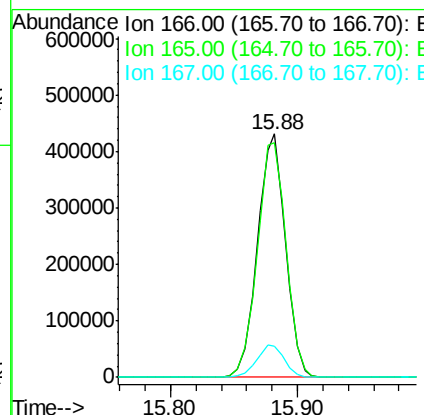
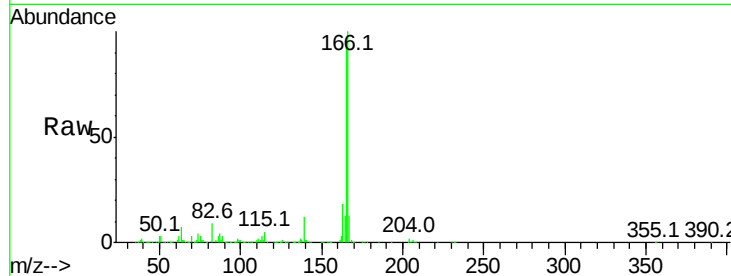
#57  
 Fluorene  
 Concen: 48.01 ng  
 RT: 15.88 min Scan# 2220  
 Delta R.T. 0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 663047 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.5  | 78.6  | 117.8  |
| 167       | 12.9  | 11.6  | 17.4   |

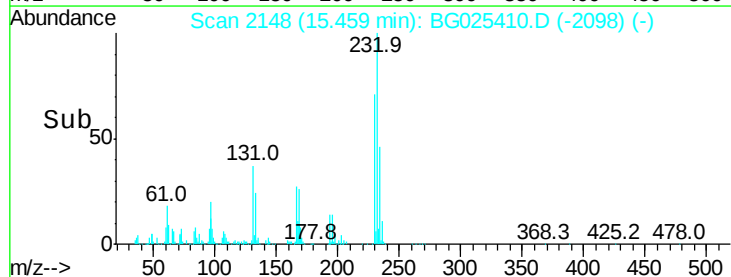
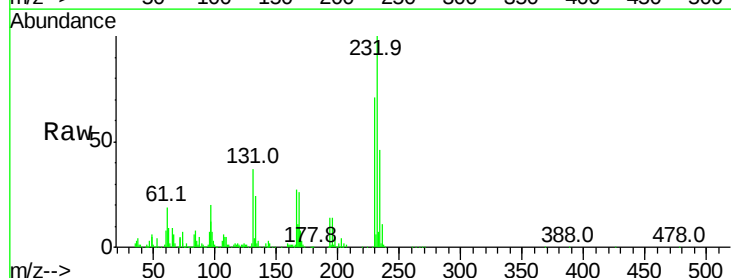
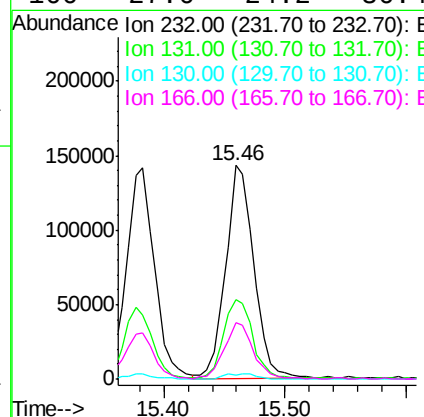
Manual Integrations  
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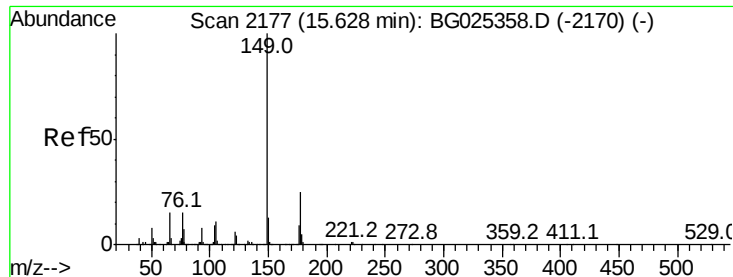
Sohil  
 12/30/2016 8:43:27 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.50 ng  
 RT: 15.46 min Scan# 2148  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 230576 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 38.0  | 34.9  | 52.3   |
| 130       | 2.6   | 2.3   | 3.5    |
| 166       | 27.6  | 24.2  | 36.4   |





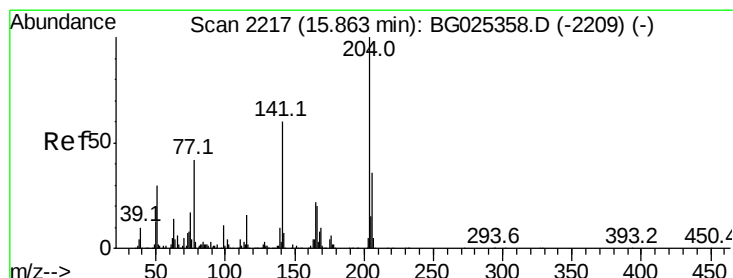
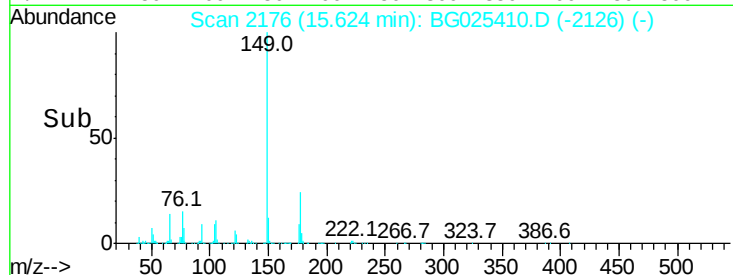
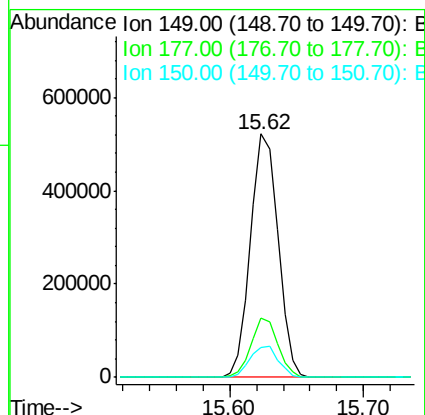
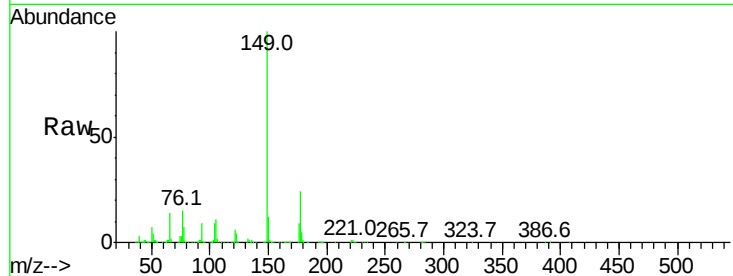
#59  
Diethylphthalate  
Concen: 49.50 ng  
RT: 15.62 min Scan# 2176  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.3  | 20.1       | 30.1       |
| 150     | 12.3  | 10.2       | 15.2       |

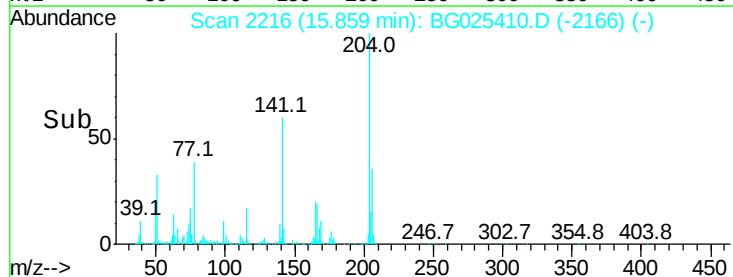
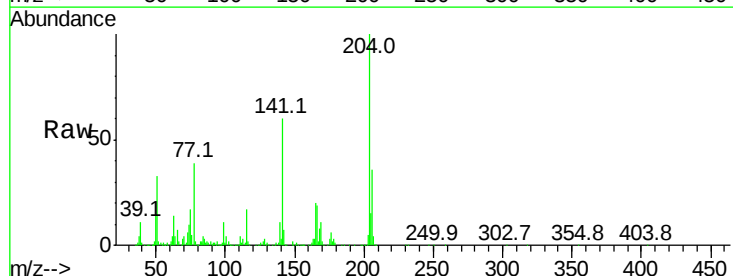
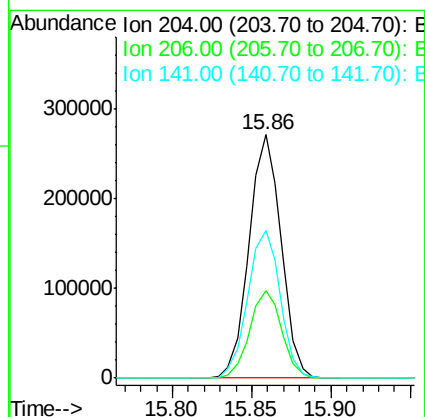
Manual Integrations  
APPROVED

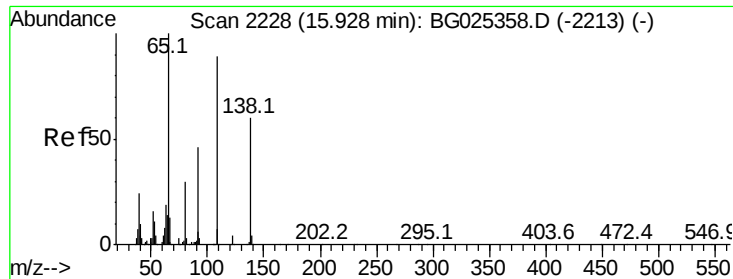
Sohil  
12/30/2016 8:43:27 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.70 ng  
RT: 15.86 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 35.7  | 30.1       | 45.1       |
| 141     | 60.5  | 50.6       | 76.0       |





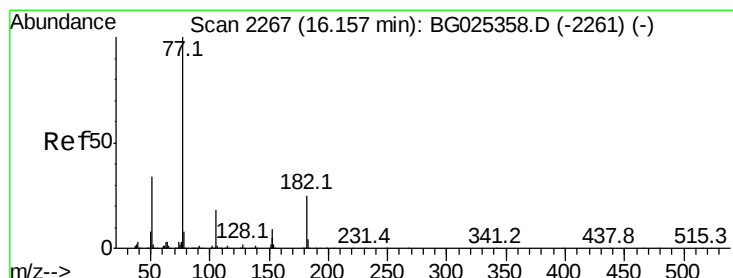
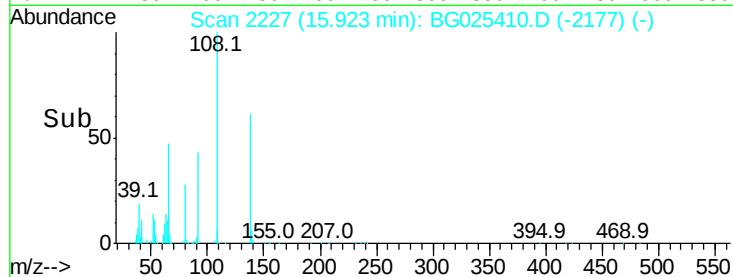
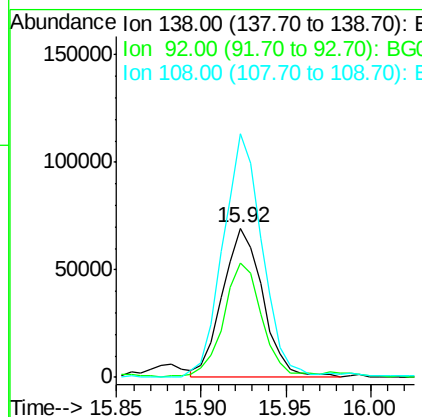
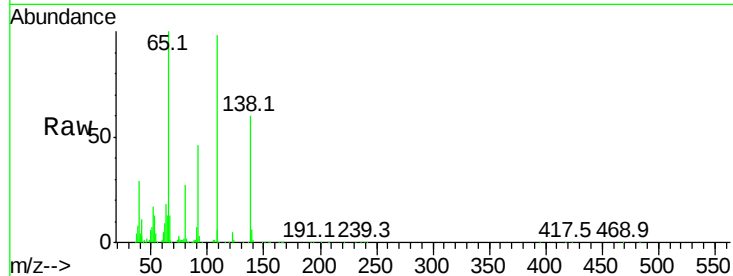
#61  
4-Nitroaniline  
Concen: 37.85 ng  
RT: 15.92 min Scan# 2227  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 76.9  | 44.2  | 84.2  |
| 108     | 163.1 | 104.8 | 144.8 |

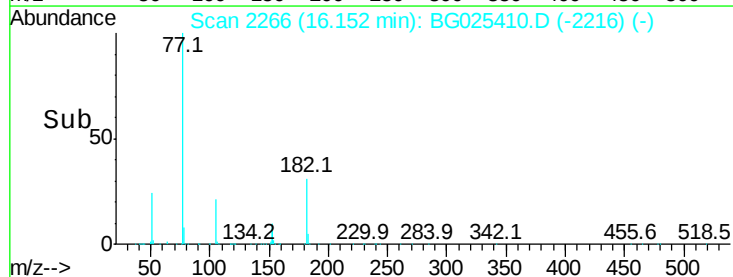
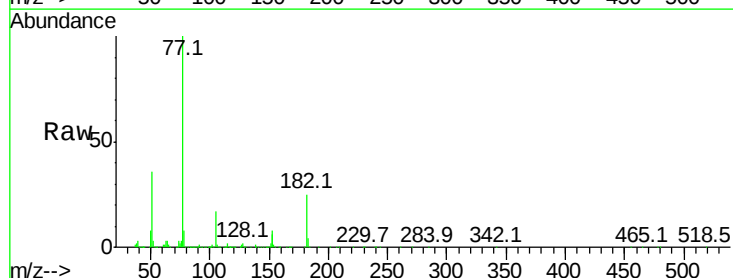
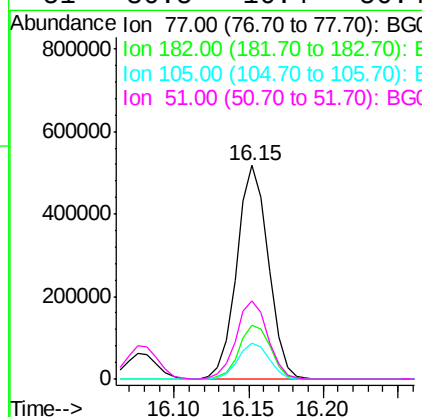
Manual Integrations  
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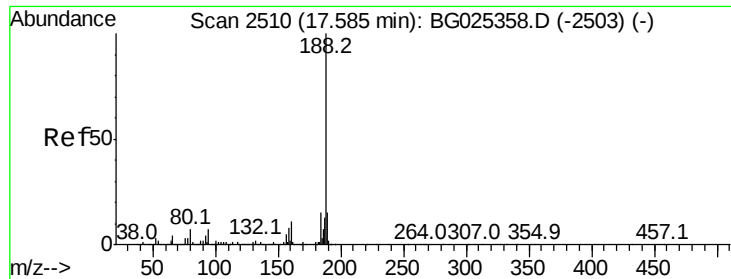
Sohil  
12/30/2016 8:43:27 AM



#62  
Azobenzene  
Concen: 52.56 ng  
RT: 16.15 min Scan# 2266  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.0  | 4.7   | 44.7  |
| 105     | 16.7  | 0.0   | 36.3  |
| 51      | 36.5  | 16.4  | 56.4  |





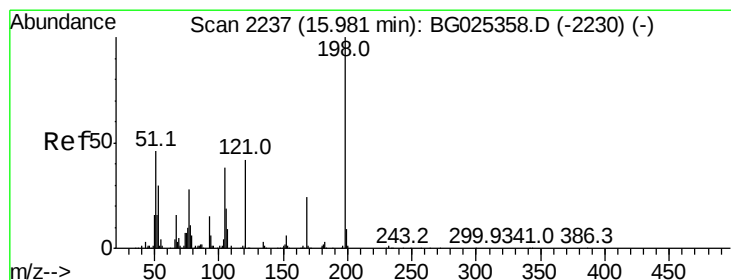
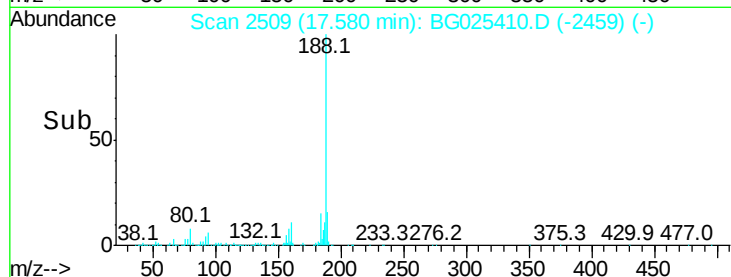
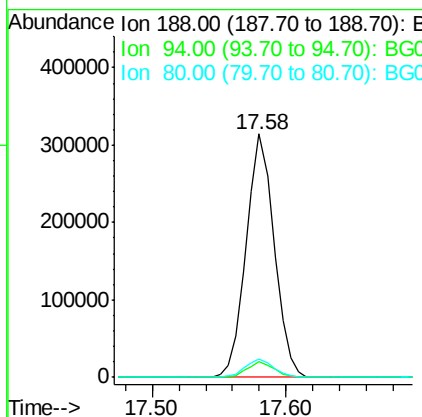
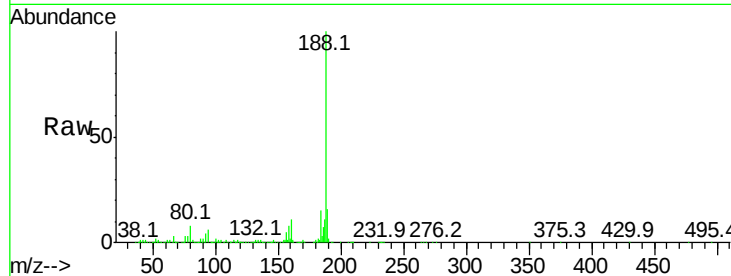
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.58 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 453172 |       |       |
| 94      | 6.3   |        | 5.8   | 8.8   |
| 80      | 7.6   |        | 7.5   | 11.3  |

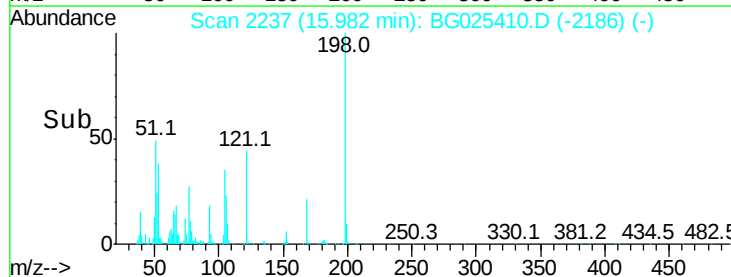
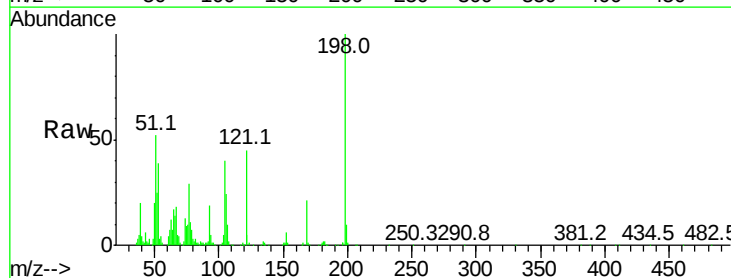
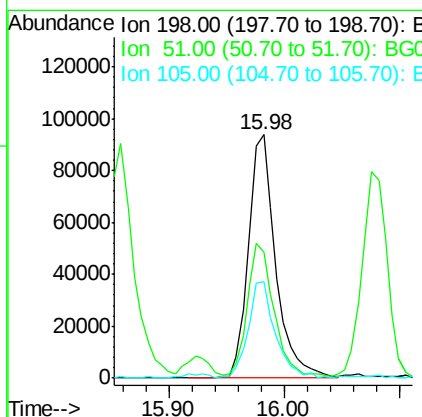
Manual Integrations  
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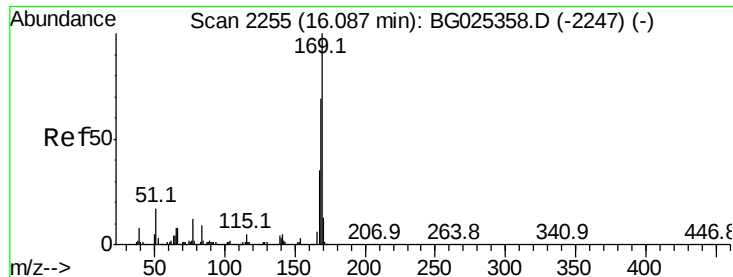
Sohil  
12/30/2016 8:43:27 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.00 ng  
RT: 15.98 min Scan# 2237  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 153778 |       |       |
| 51      | 51.5  |        | 22.6  | 62.6  |
| 105     | 39.7  |        | 14.4  | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 51.54 ng

RT: 16.08 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

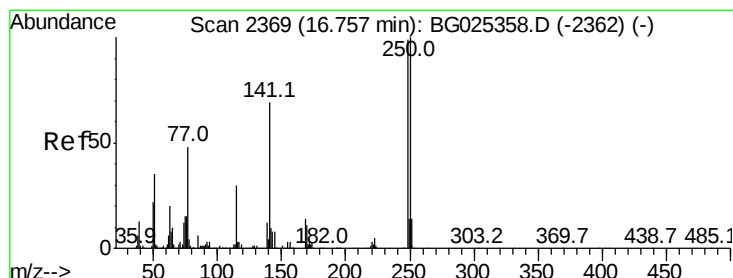
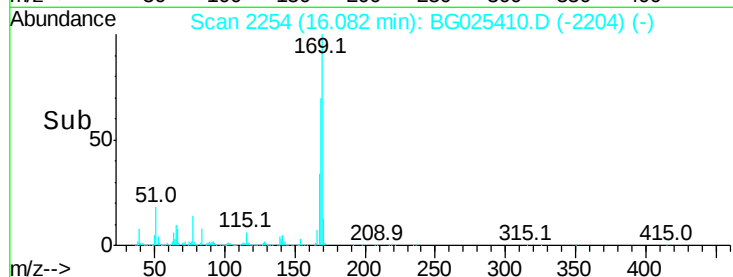
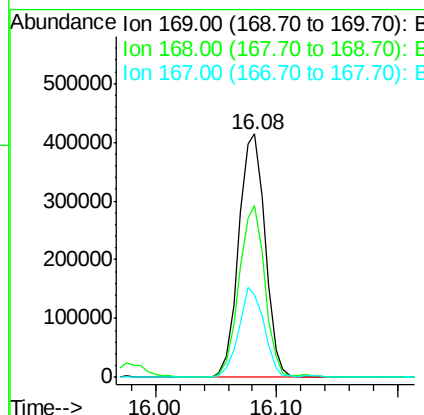
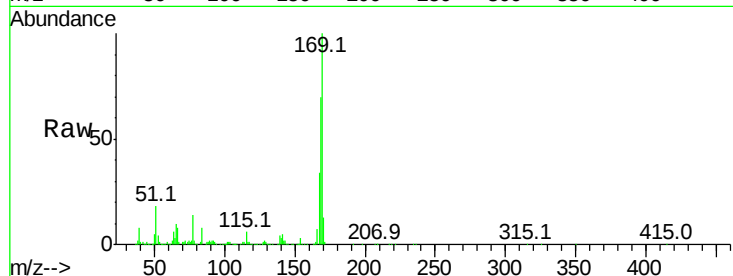
ClientSampleId :

TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.4  | 55.7  | 83.5  |
| 167     | 34.1  | 29.8  | 44.6  |

Manual Integrations  
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#66

4-Bromophenyl-phenylether

Concen: 51.27 ng

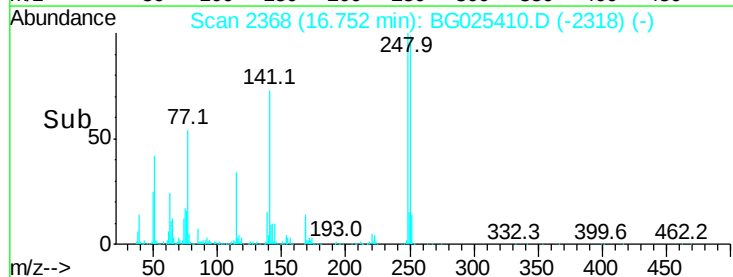
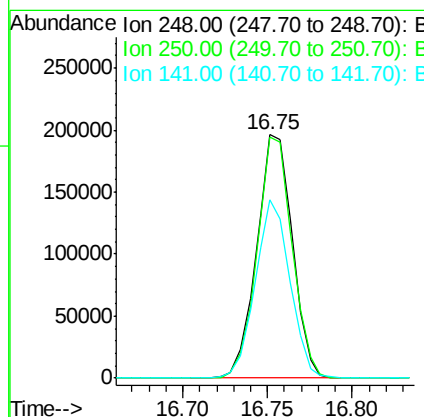
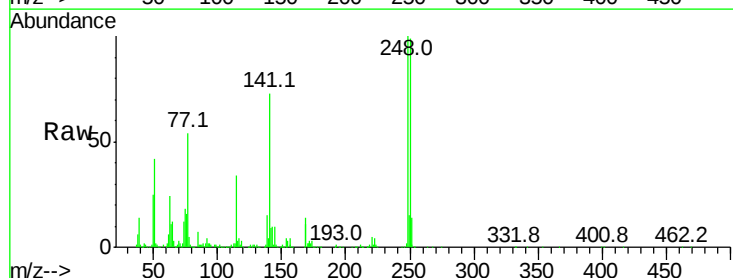
RT: 16.75 min Scan# 2368

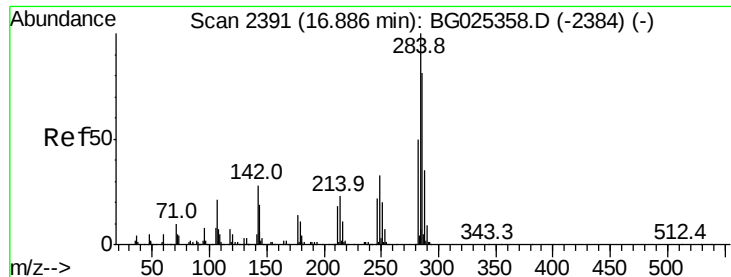
Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.2  | 75.0  | 112.6 |
| 141     | 73.3  | 55.2  | 82.8  |





#67

Hexachlorobenzene

Concen: 49.29 ng

RT: 16.88 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

ClientSampleId :

TP11-COMP8MSD

Tot Ion:284 Resp: 316238

Ion Ratio Lower Upper

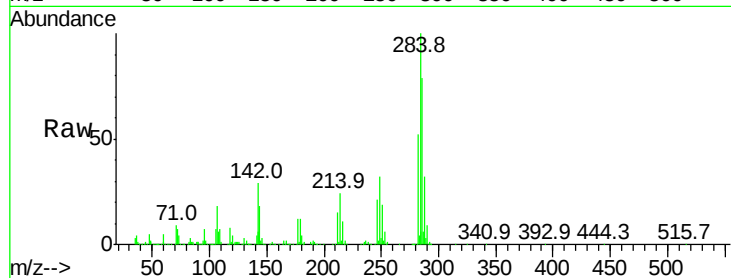
284 100

142 29.1 29.9 44.9#

249 31.8 29.2 43.8

Manual Integrations  
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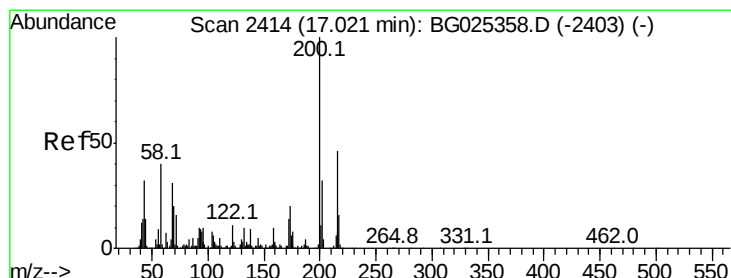
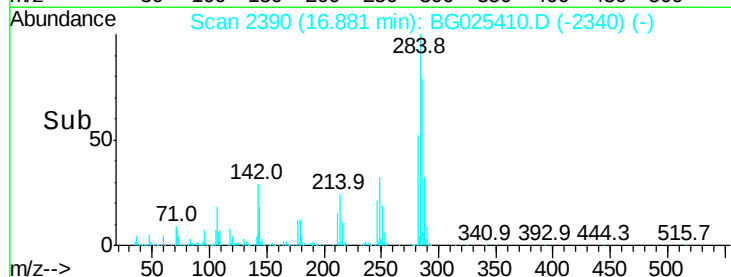
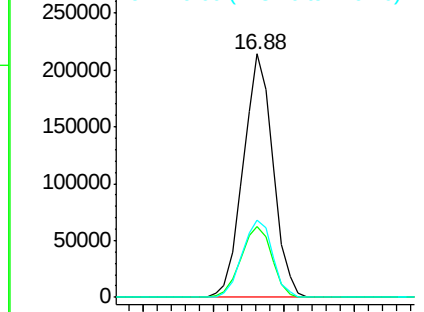
Sohil  
12/30/2016 8:43:27 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.70 ng

RT: 17.02 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

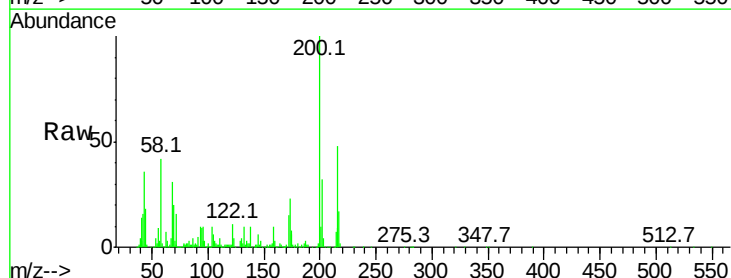
Tgt Ion:200 Resp: 282828

Ion Ratio Lower Upper

200 100

173 23.2 3.0 43.0

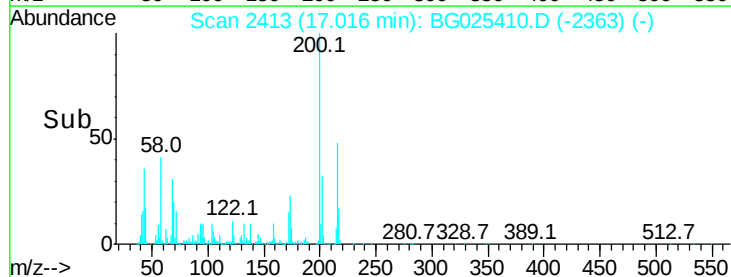
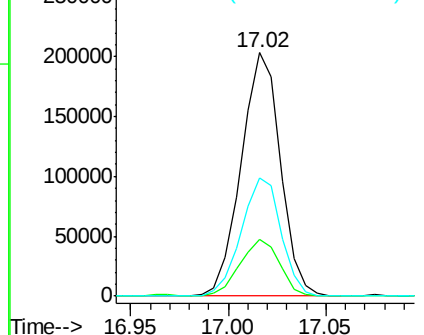
215 48.5 28.4 68.4

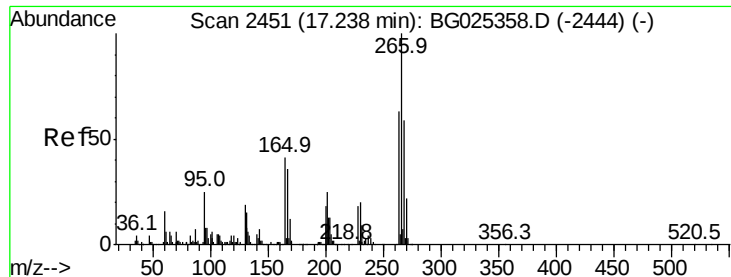


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





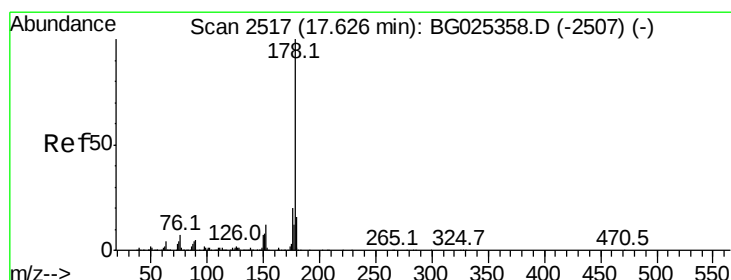
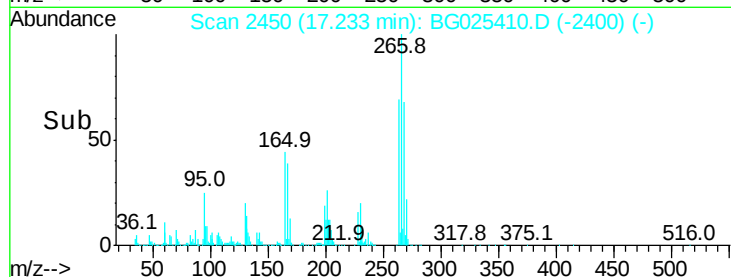
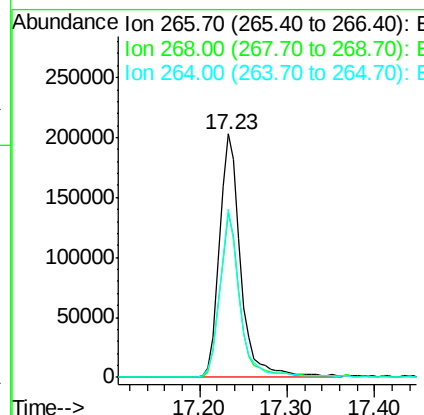
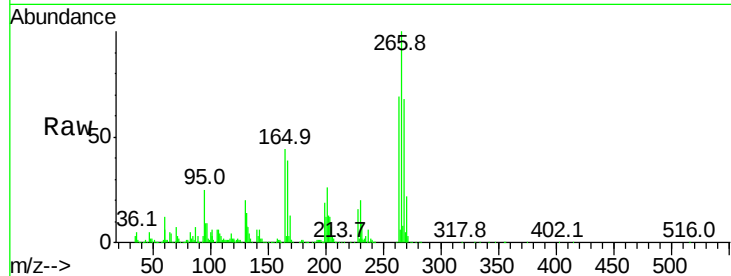
#69  
 Pentachlorophenol  
 Concen: 103.34 ng  
 RT: 17.23 min Scan# 2450  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 343716 |       |       |
| 268     | 67.7  | 48.6   | 72.8  |       |
| 264     | 68.8  | 50.1   | 75.1  |       |

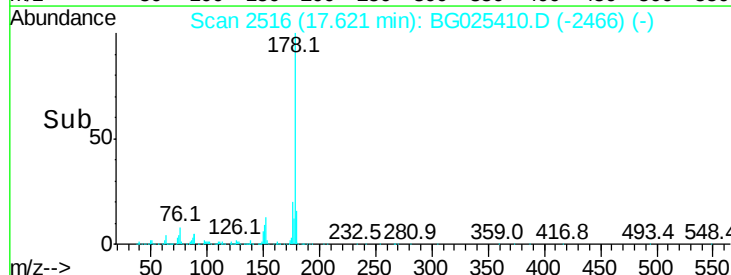
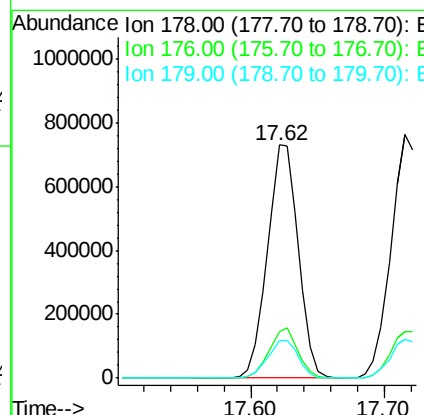
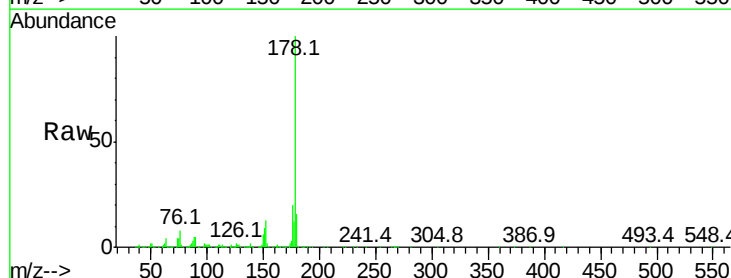
Manual Integrations  
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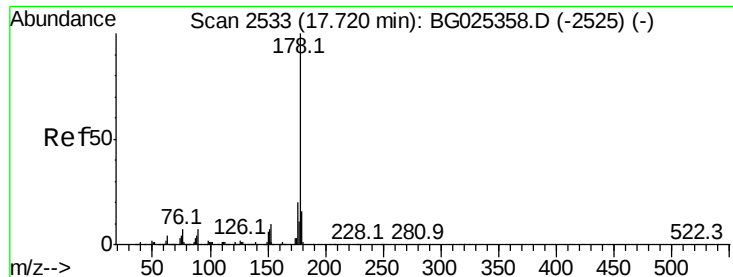
Sohil  
 12/30/2016 8:43:27 AM



#70  
 Phenanthrene  
 Concen: 50.04 ng  
 RT: 17.62 min Scan# 2516  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1168649 |       |       |
| 176     | 19.9  | 17.7    | 26.5  |       |
| 179     | 15.9  | 15.0    | 22.6  |       |





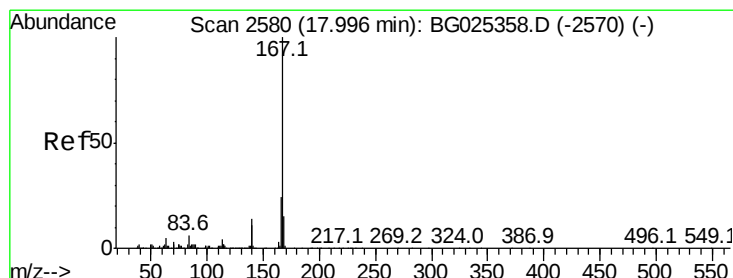
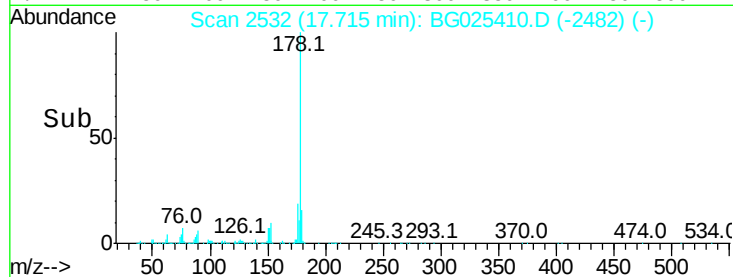
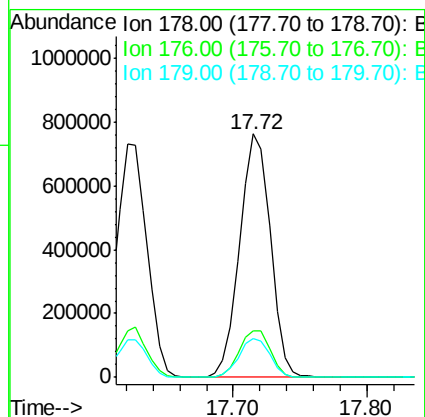
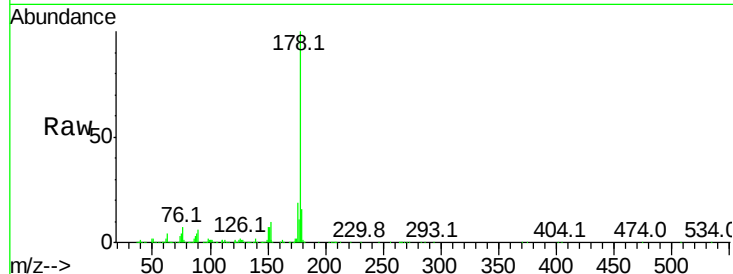
#71  
 Anthracene  
 Concen: 51.14 ng  
 RT: 17.72 min Scan# 2532  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

Tot Ion:178 Resp: 1213433  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 16.4 24.6  
 179 15.9 13.8 20.8

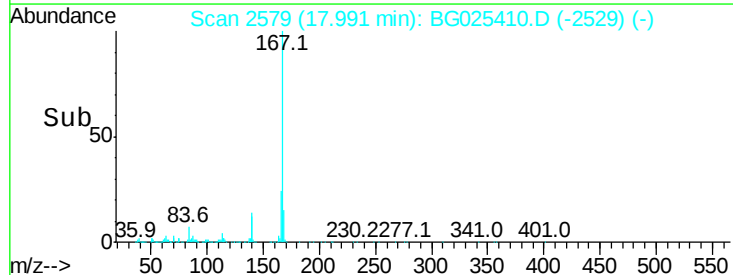
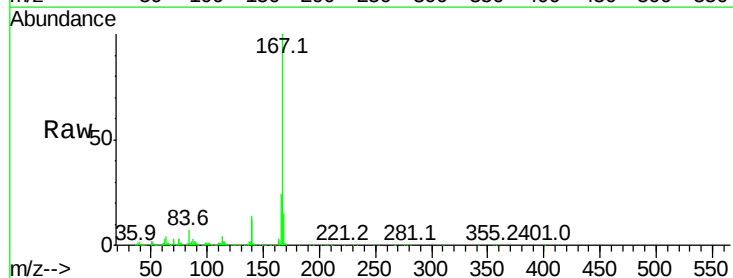
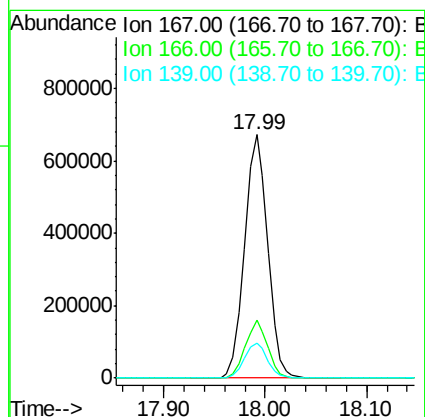
Manual Integrations  
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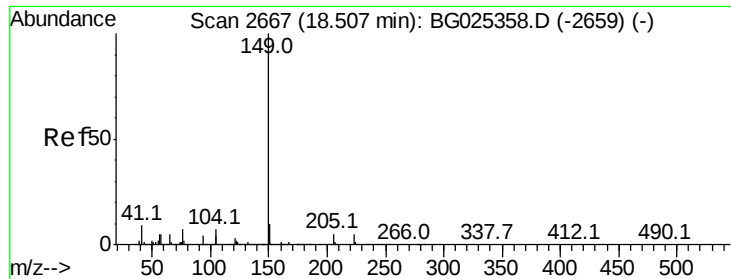
Sohil  
 12/30/2016 8:43:27 AM



#72  
 Carbazole  
 Concen: 49.93 ng  
 RT: 17.99 min Scan# 2579  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Tgt Ion:167 Resp: 1059698  
 Ion Ratio Lower Upper  
 167 100  
 166 23.7 20.2 30.2  
 139 14.2 12.8 19.2





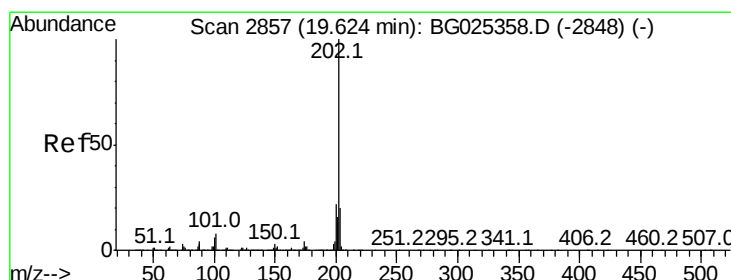
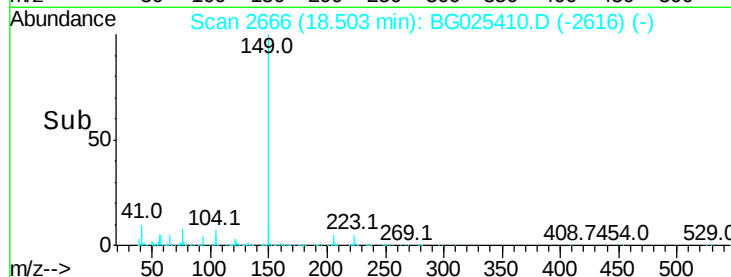
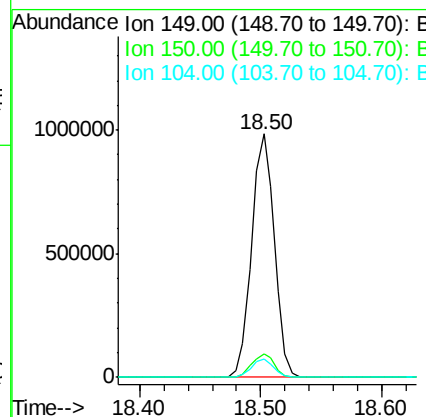
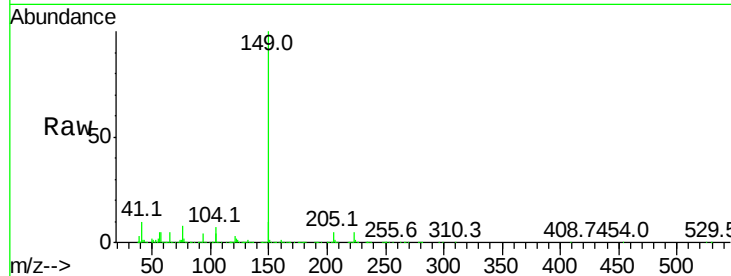
#73  
Di-n-butylphthalate  
Concen: 49.54 ng  
RT: 18.50 min Scan# 2666  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.8   | 9.1   | 13.7  |
| 104     | 7.5   | 6.7   | 10.1  |

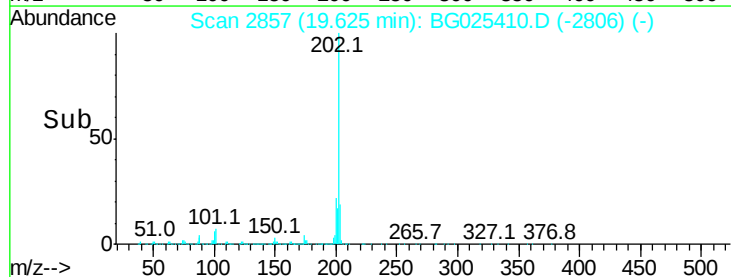
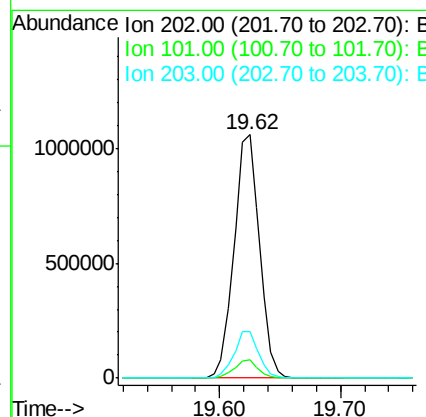
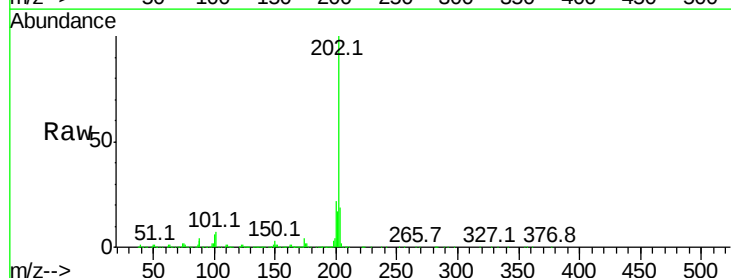
Manual Integrations  
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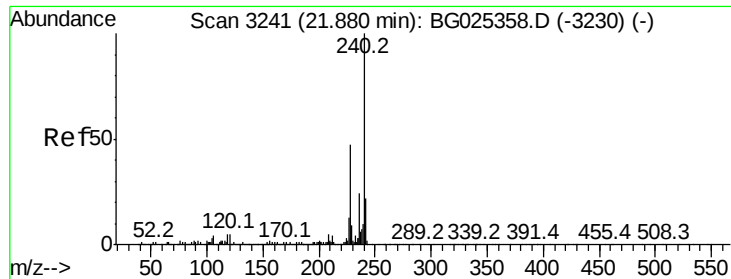
Sohil  
12/30/2016 8:43:27 AM



#74  
Fluoranthene  
Concen: 50.35 ng  
RT: 19.62 min Scan# 2857  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.3   | 0.0   | 30.1  |
| 203     | 19.2  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

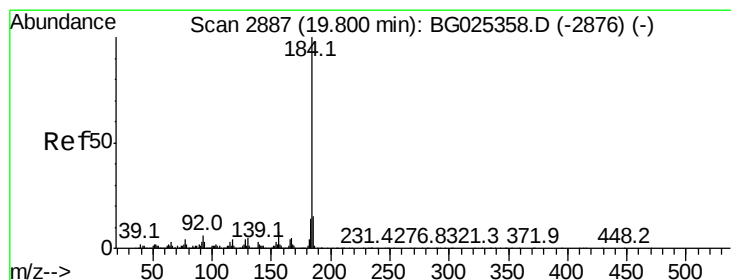
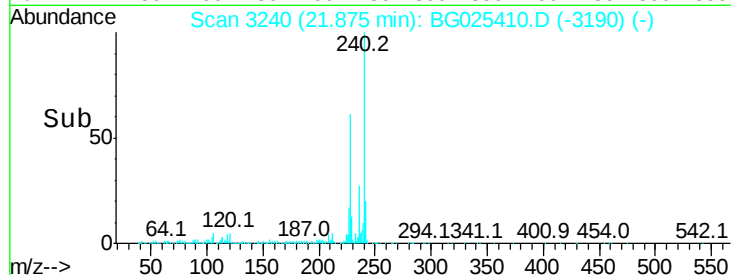
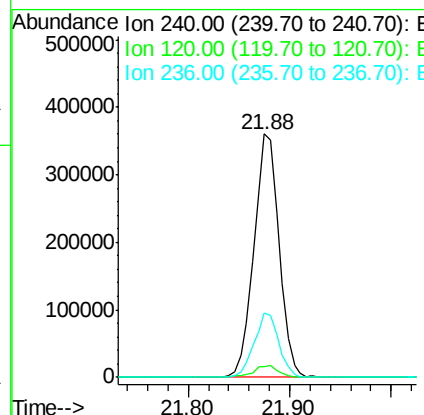
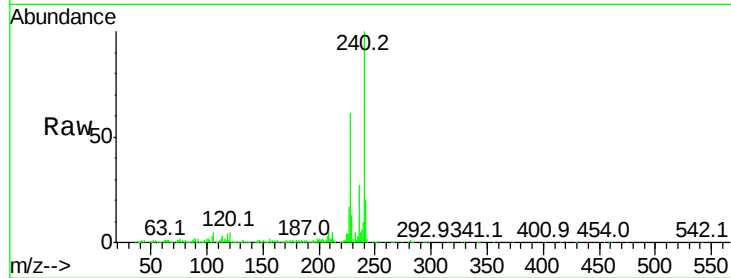
ClientSampleId :

TP11-COMP8MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 240     | 100  |       |      |       |       |
| 120     | 4.6  | 5.7   | 8.5# |       |       |
| 236     | 26.6 | 22.2  | 33.4 |       |       |

Manual Integrations  
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#76

Benzidine

Concen: 13.38 ng

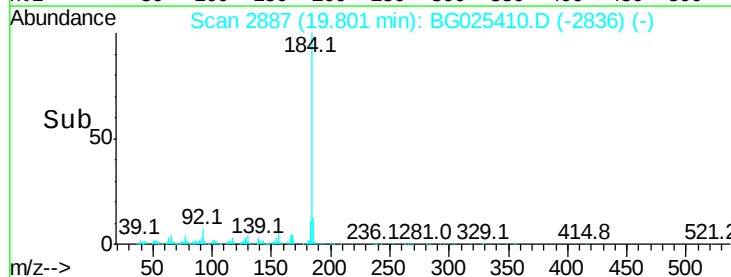
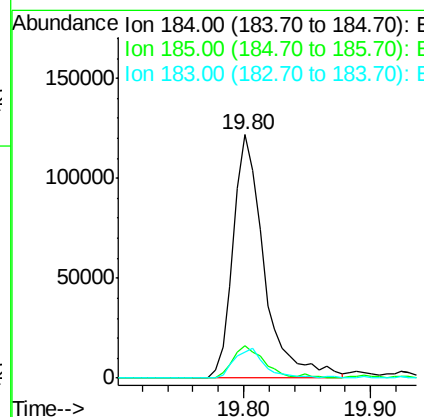
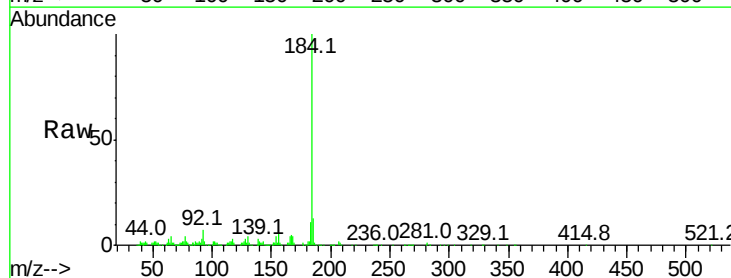
RT: 19.80 min Scan# 2887

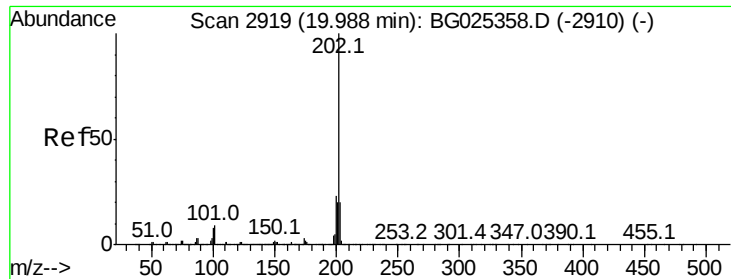
Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 184     | 100  |       |       |       |       |
| 185     | 13.3 | 13.0  | 19.6  |       |       |
| 183     | 10.7 | 11.0  | 16.6# |       |       |





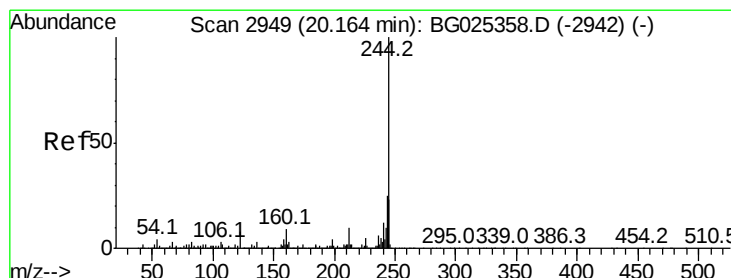
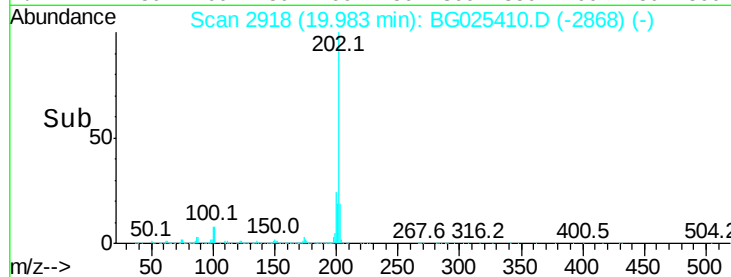
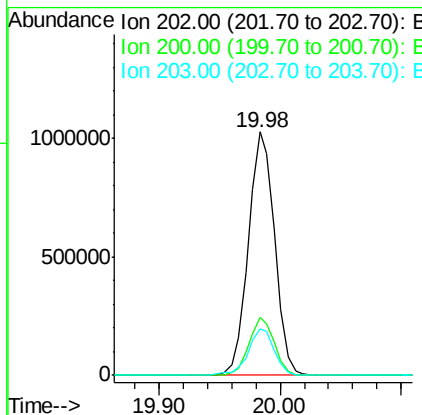
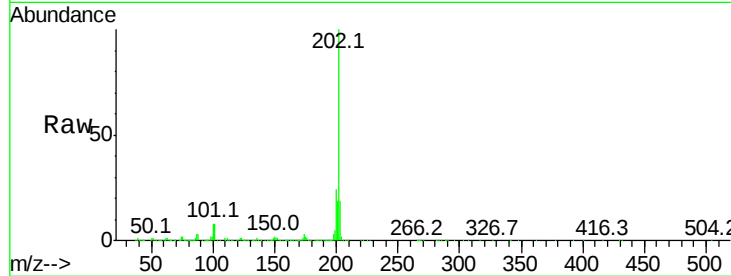
#77  
Pvrene  
Concen: 48.10 ng  
RT: 19.98 min Scan# 2918  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.8  | 19.6  | 29.4  |
| 203     | 19.3  | 15.8  | 23.8  |

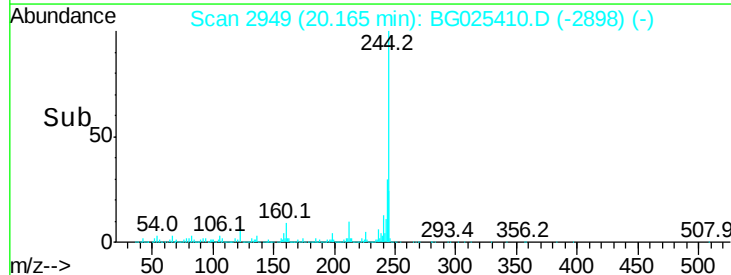
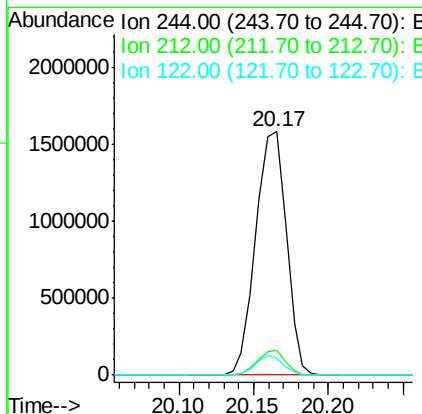
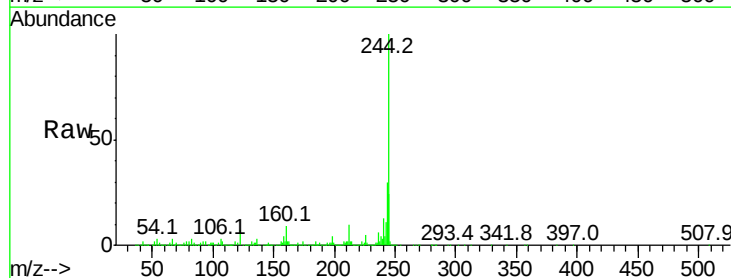
Manual Integrations  
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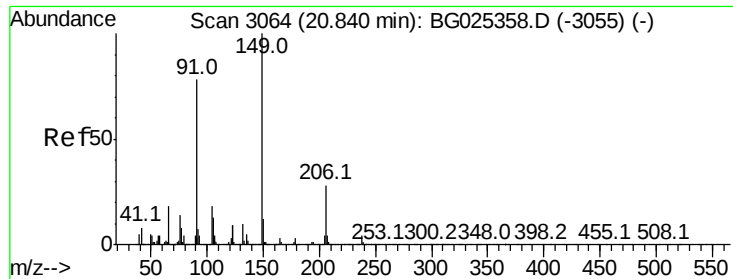
Sohil  
12/30/2016 8:43:27 AM



#78  
Terphenyl-d14  
Concen: 96.01 ng  
RT: 20.17 min Scan# 2949  
Delta R.T. 0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.9   | 10.0  | 15.0# |
| 122     | 7.1   | 8.6   | 12.8# |





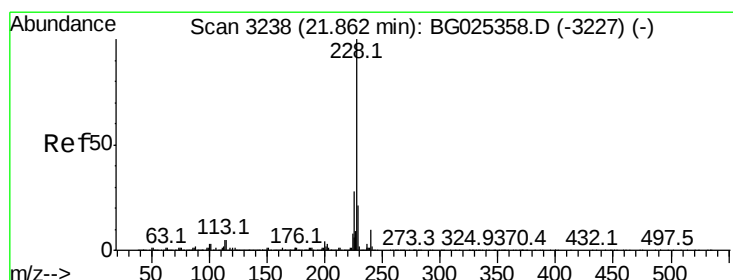
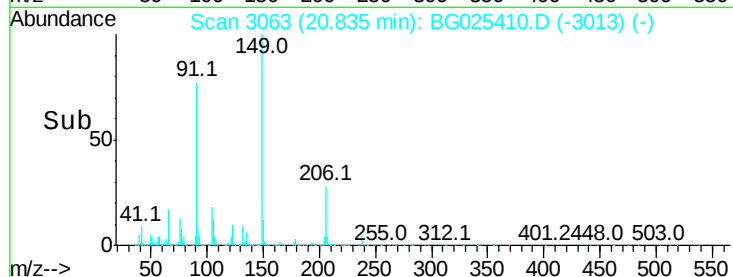
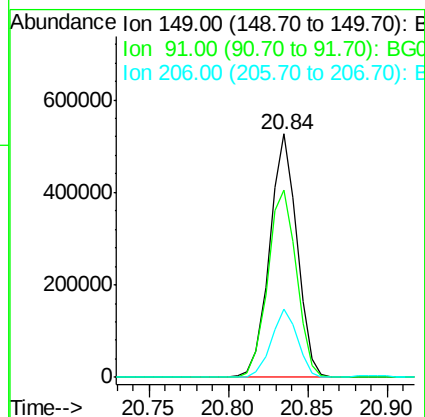
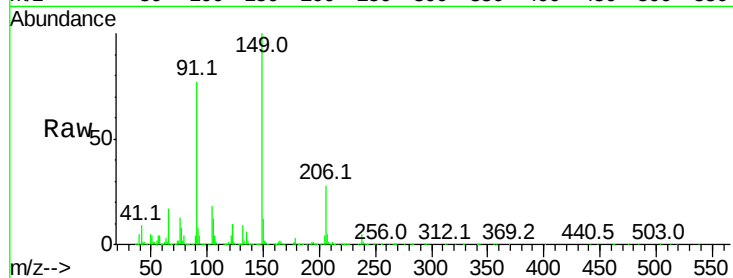
#79  
Butylbenzylphthalate  
Concen: 49.07 ng  
RT: 20.84 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.8  | 63.5  | 95.3  |
| 206     | 28.2  | 21.0  | 31.6  |

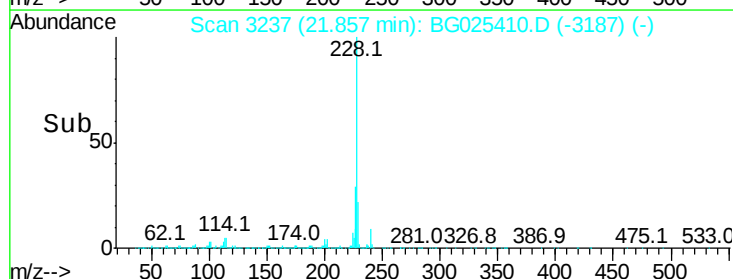
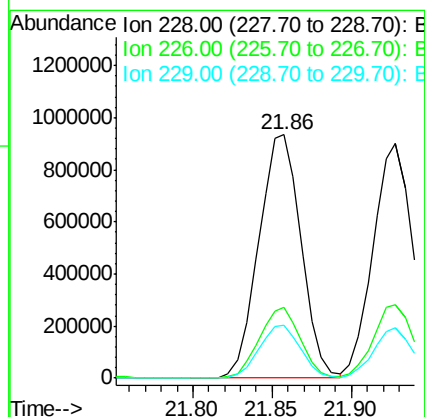
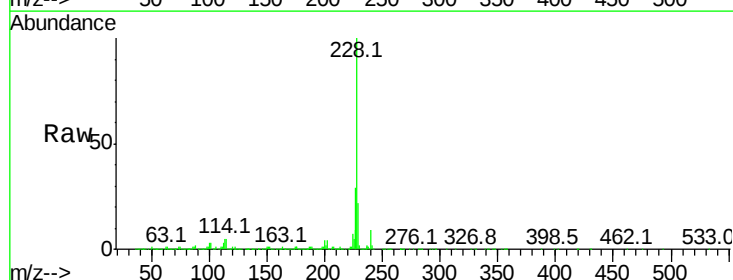
Manual Integrations  
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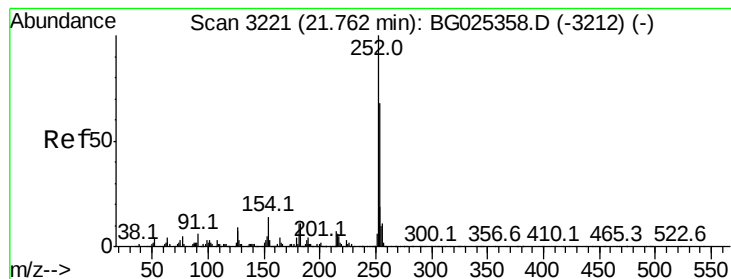
Sohil  
12/30/2016 8:43:27 AM



#80  
Benzo(a)anthracene  
Concen: 50.15 ng  
RT: 21.86 min Scan# 3237  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 24.9  | 37.3  |
| 229     | 21.8  | 18.2  | 27.2  |





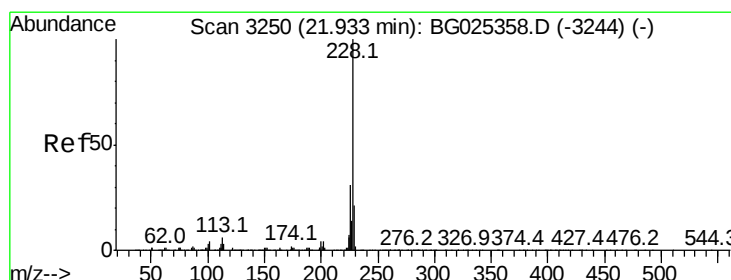
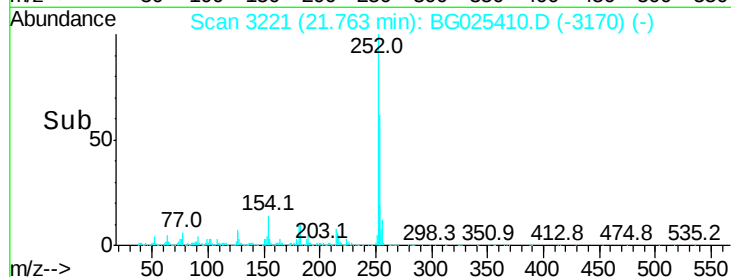
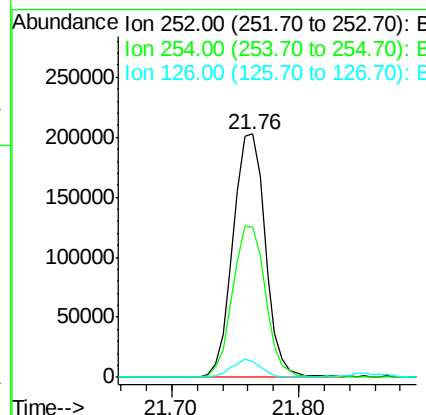
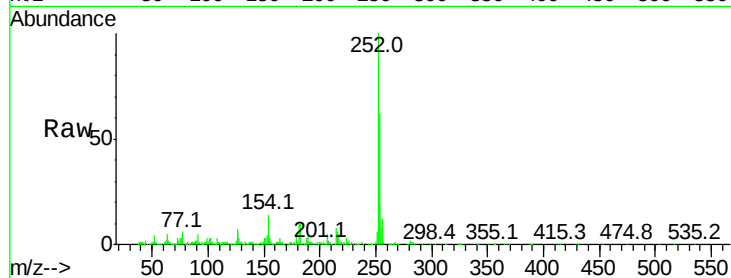
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.75 ng  
 RT: 21.76 min Scan# 3221  
 Delta R.T. 0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.7  | 53.1  | 79.7  |
| 126     | 6.6   | 7.0   | 10.4  |

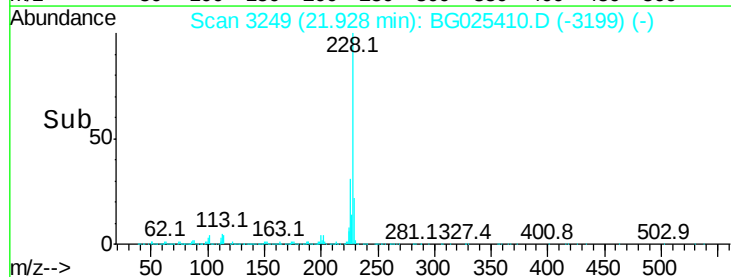
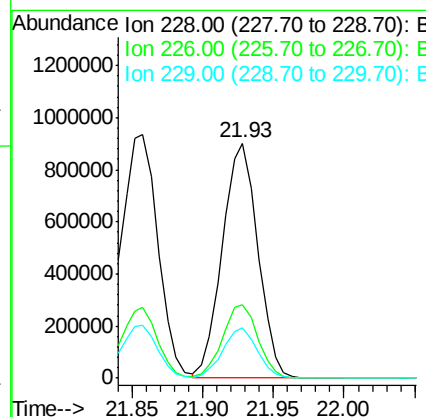
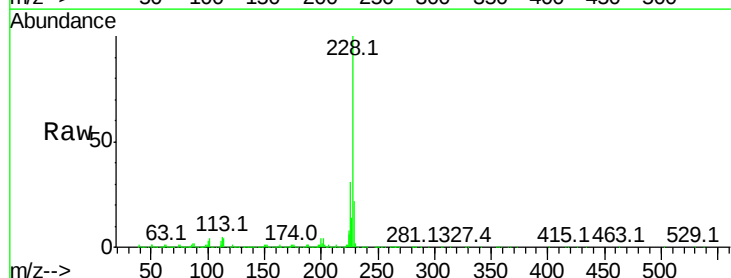
Manual Integrations  
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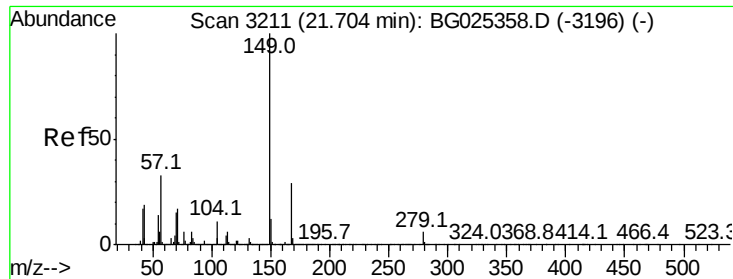
Sohil  
 12/30/2016 8:43:27 AM



#82  
 Chrysene  
 Concen: 47.64 ng  
 RT: 21.93 min Scan# 3249  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 27.0  | 40.4  |
| 229     | 21.5  | 17.8  | 26.6  |





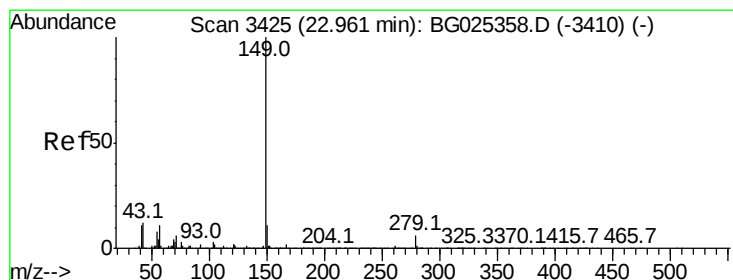
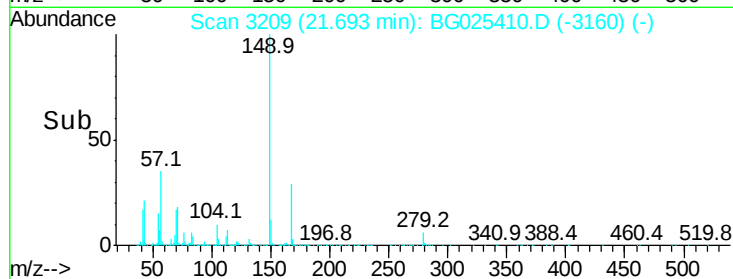
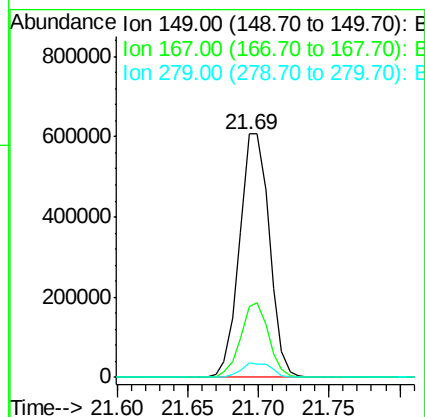
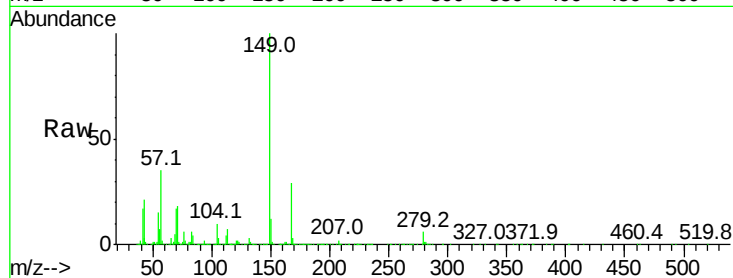
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.67 ng  
 RT: 21.69 min Scan# 3209  
 Delta R.T. -0.01 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.9  | 23.7  | 35.5  |
| 279     | 5.7   | 4.6   | 6.8   |

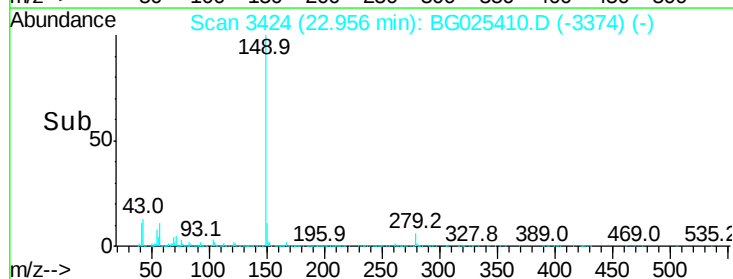
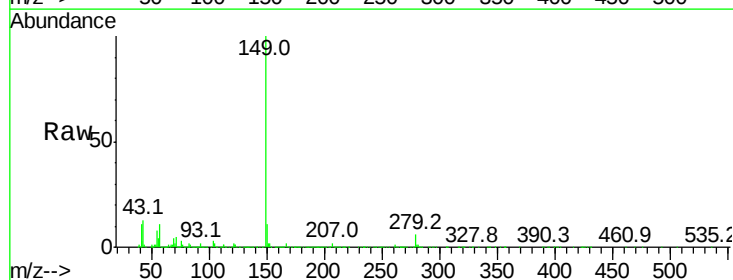
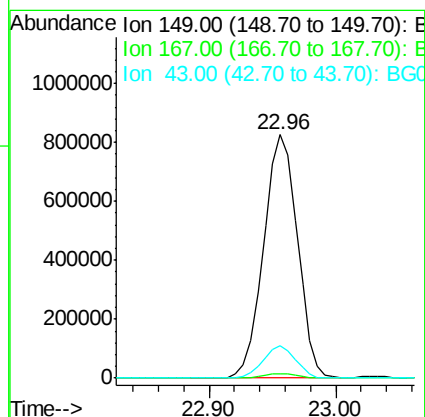
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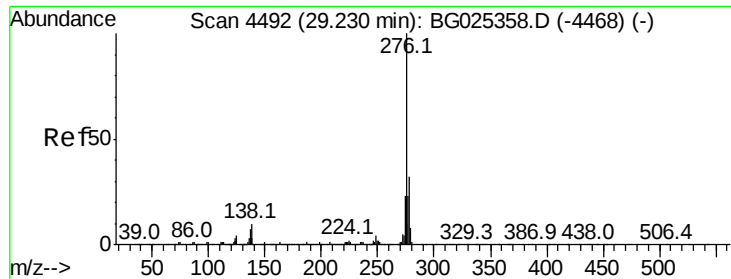
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#84  
 Di-n-octyl phthalate  
 Concen: 51.05 ng  
 RT: 22.96 min Scan# 3424  
 Delta R.T. -0.00 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.2   |
| 43      | 12.9  | 11.8  | 17.6  |





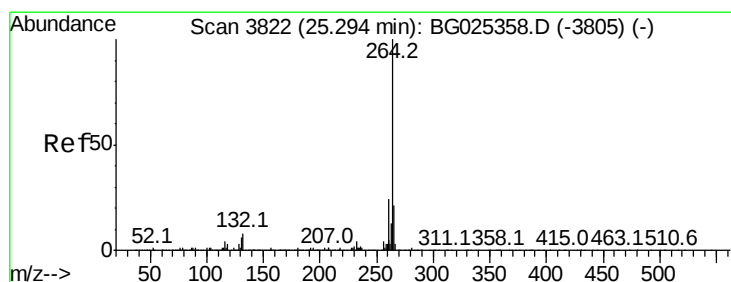
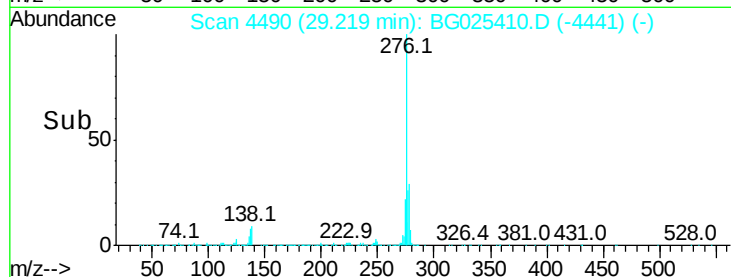
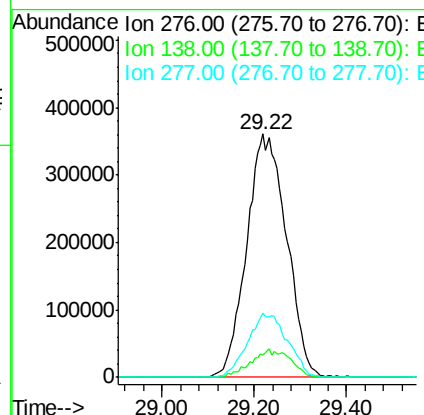
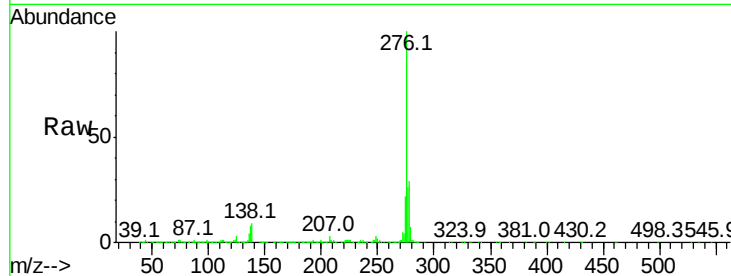
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 51.35 ng  
RT: 29.22 min Scan# 4490  
Delta R.T. -0.01 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.8   | 4.7   | 7.1#  |
| 277     | 26.4  | 20.6  | 31.0  |

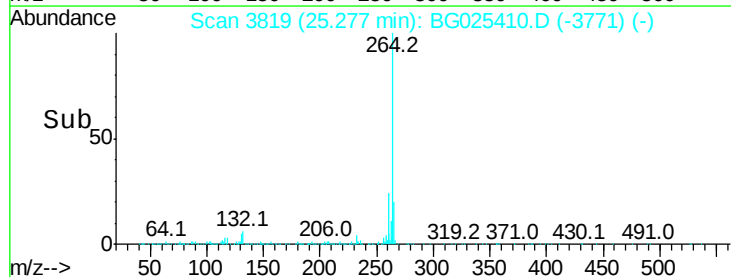
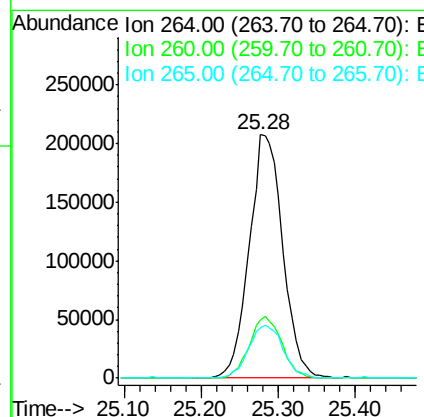
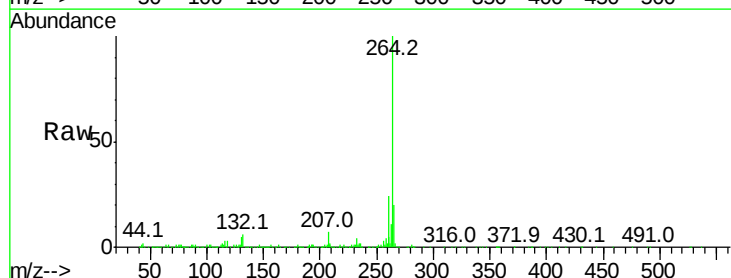
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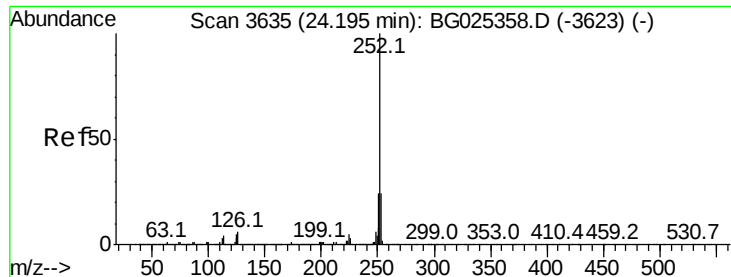
Sohil  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.28 min Scan# 3819  
Delta R.T. -0.02 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 21.8  | 32.8  |
| 265     | 20.4  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 50.76 ng/mL

RT: 24.20 min Scan# 3635

Delta R.T. 0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

Instrument :

BNA\_G

ClientSampleId :

TP11-COMP8MSD

Tot Ion:252 Resp: 1749318

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

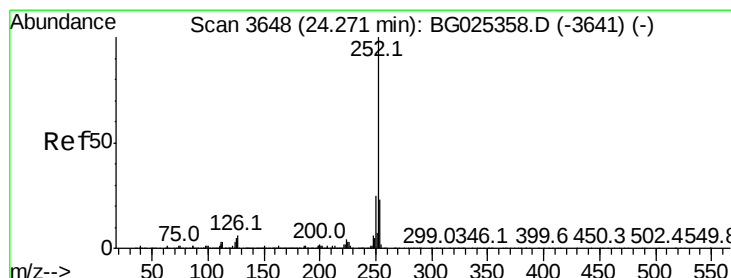
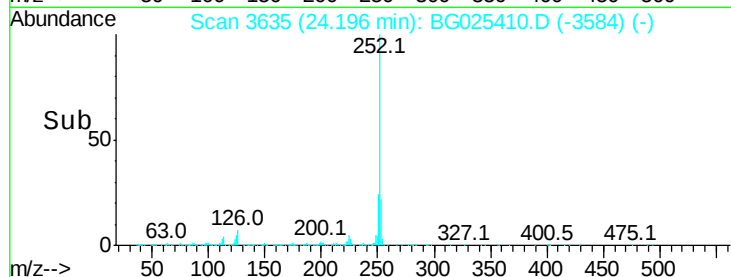
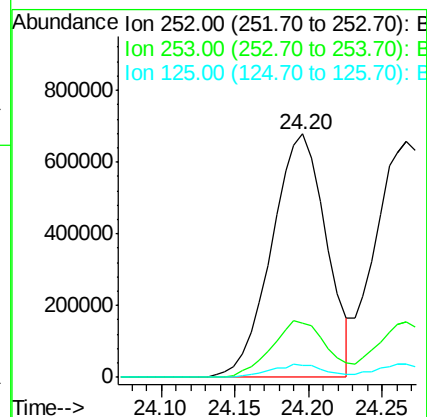
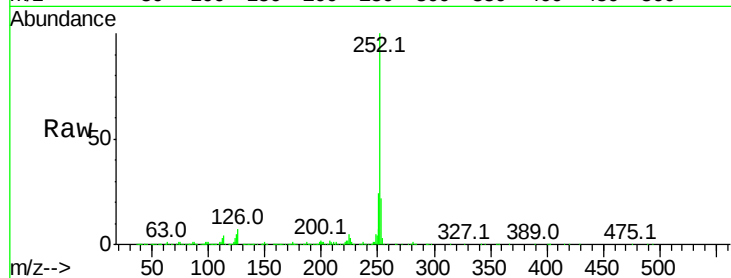
125 5.1 5.3 7.9#

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#88

Benzo(k)fluoranthene

Concen: 52.25 ng/mL

RT: 24.27 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG025410.D

Acq: 29 Dec 2016 18:51

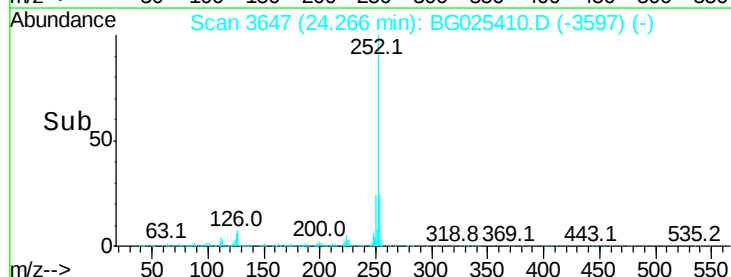
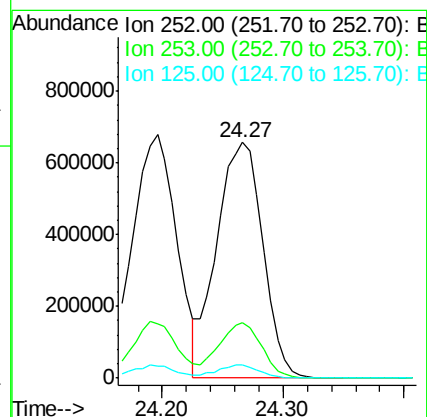
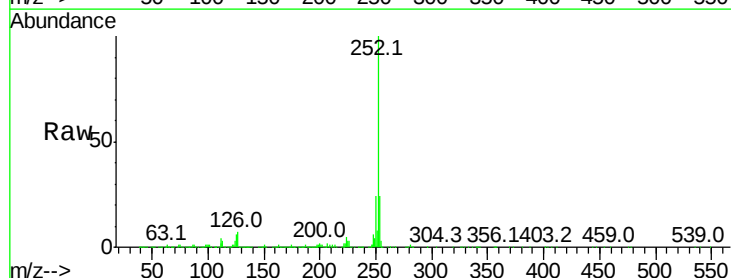
Tgt Ion:252 Resp: 1739092

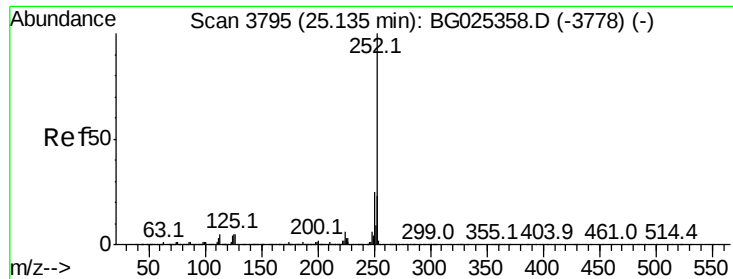
Ion Ratio Lower Upper

252 100

253 23.6 20.2 30.2

125 5.5 5.1 7.7





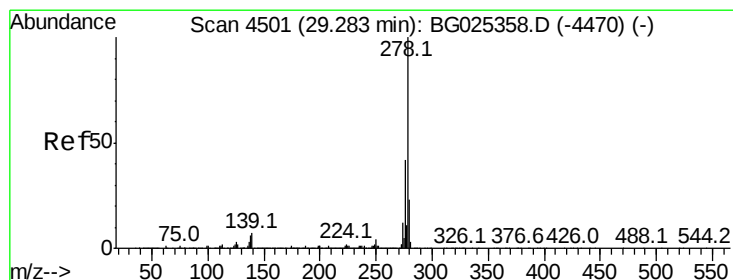
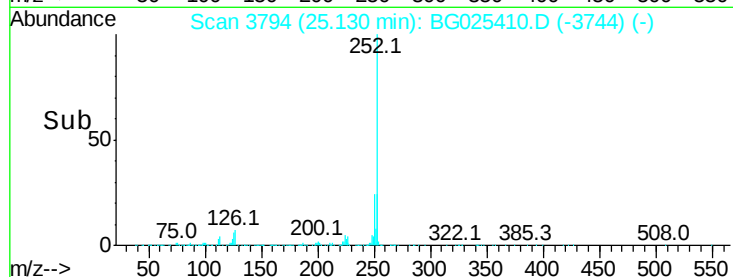
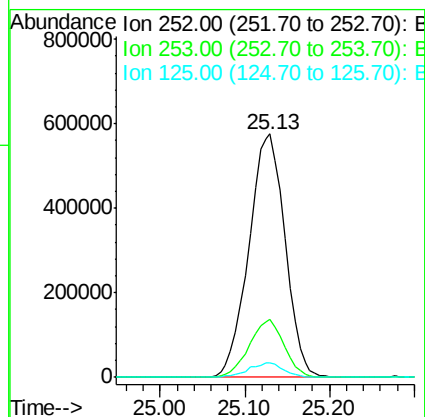
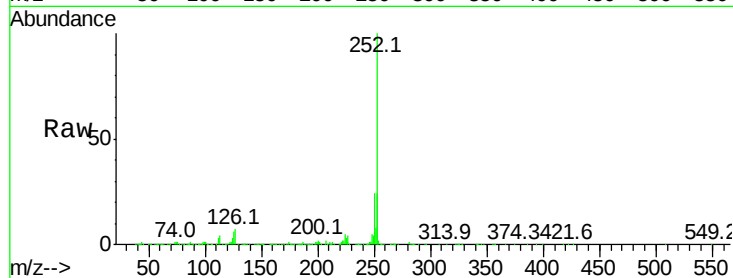
#89  
Benzo(a)pyrene  
Concen: 51.49 ng  
RT: 25.13 min Scan# 3794  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP11-COMP8MSD

|     |         |       |         |
|-----|---------|-------|---------|
| Tot | Ion:252 | Resp: | 1713906 |
| Ion | Ratio   | Lower | Upper   |
| 252 | 100     |       |         |
| 253 | 23.6    | 19.2  | 28.8    |
| 125 | 5.7     | 5.4   | 8.0     |

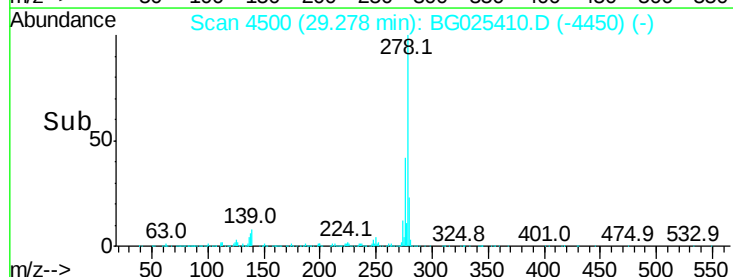
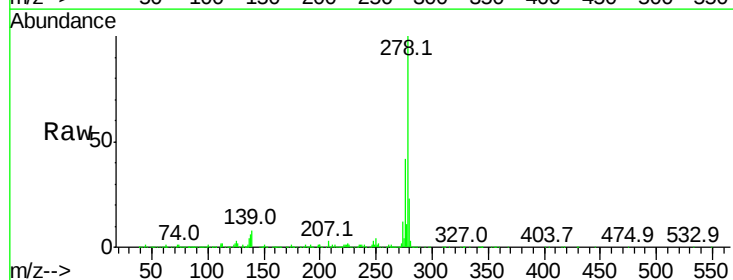
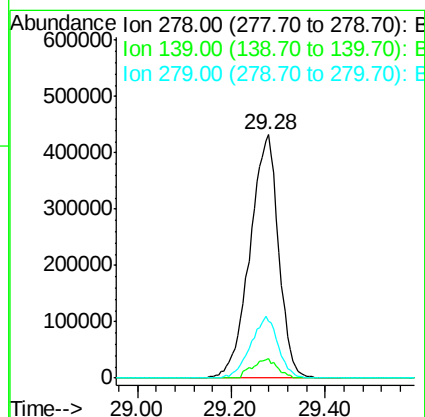
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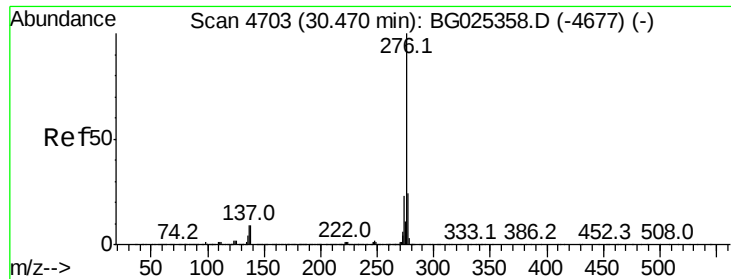
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#90  
Dibenzo(a,h)anthracene  
Concen: 51.99 ng  
RT: 29.28 min Scan# 4500  
Delta R.T. -0.00 min  
Lab File: BG025410.D  
Acq: 29 Dec 2016 18:51

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:278 | Resp: | 1833959 |
| Ion | Ratio   | Lower | Upper   |
| 278 | 100     |       |         |
| 139 | 8.2     | 7.7   | 11.5    |
| 279 | 23.3    | 19.1  | 28.7    |





#91  
 Benzo(a,h,i)perylene  
 Concen: 50.88 ng  
 RT: 30.46 min Scan# 4701  
 Delta R.T. -0.01 min  
 Lab File: BG025410.D  
 Acq: 29 Dec 2016 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP11-COMP8MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 276   | Resp: | 1783660 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 277      | 24.8  | 18.6  | 27.8    |
| 138      | 10.4  | 8.1   | 12.1    |

Manual Integrations  
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