

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\  
 Data File : BG025477.D  
 Acq On : 11 Jan 2017 17:20  
 Operator : UM/SJ  
 Sample : I1098-05MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

Manual Integrations  
 APPROVED

Sohil  
 1/12/2017 8:31:14 AM

Quant Time: Jan 11 18:04:42 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 10 11:26:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 62369    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 251408   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.83 | 164  | 210185   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.57 | 188  | 480593   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 675793   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.26 | 264  | 728637   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.74  | 112 | 534257  | 155.70 | ng | 0.00 |
| 7) Phenol-d6             | 7.36  | 99  | 723777  | 149.77 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.38  | 82  | 594263  | 104.42 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.32 | 330 | 524282  | 154.94 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.45 | 172 | 1273258 | 98.07  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 2452351 | 96.22  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 54072  | 36.93  | ng | # 49   |
| 3) Pyridine                    | 4.01  | 79  | 141666 | 33.38  | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 112777 | 44.77  | ng | # 95   |
| 6) Aniline                     | 7.53  | 93  | 138012 | 21.08  | ng | 98     |
| 8) 2-Chlorophenol              | 7.77  | 128 | 185355 | 47.89  | ng | 91     |
| 9) Benzaldehyde                | 7.35  | 77  | 17425  | 4.93   | ng | # 77   |
| 10) Phenol                     | 7.39  | 94  | 242994 | 45.36  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.61  | 93  | 182150 | 44.13  | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.09  | 146 | 194512 | 41.53  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.24  | 146 | 205835 | 42.40  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.56  | 146 | 195333 | 42.17  | ng | 97     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 221792 | 48.08  | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.72  | 45  | 344620 | 45.08  | ng | 90     |
| 17) 2-Methylphenol             | 8.65  | 107 | 172178 | 48.94  | ng | 95     |
| 18) Hexachloroethane           | 9.28  | 117 | 82661  | 44.34  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 9.01  | 70  | 187578 | 45.96  | ng | 96     |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 231137 | 47.47  | ng | 94     |
| 22) Acetophenone               | 9.04  | 105 | 319825 | 45.79  | ng | # 96   |
| 24) Nitrobenzene               | 9.43  | 77  | 293936 | 47.09  | ng | 97     |
| 25) Isophorone                 | 9.94  | 82  | 514511 | 49.93  | ng | 99     |
| 26) 2-Nitrophenol              | 10.14 | 139 | 111441 | 46.68  | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.19 | 122 | 193949 | 49.42  | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93  | 271619 | 50.76  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.69 | 162 | 221845 | 52.82  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180 | 232465 | 45.81  | ng | 91     |
| 31) Naphthalene                | 11.08 | 128 | 575904 | 45.87  | ng | 98     |
| 32) Benzoic acid               | 10.35 | 122 | 110102 | 34.88  | ng | 97     |
| 33) 4-Chloroaniline            | 11.22 | 127 | 16803  | 3.18   | ng | # 81   |
| 34) Hexachlorobutadiene        | 11.34 | 225 | 182875 | 44.15  | ng | 94     |
| 35) Caprolactam                | 11.99 | 113 | 70021m | 44.37  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.31 | 107 | 258569 | 49.88  | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 443150 | 47.63  | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 319551 | 46.05  | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 12.99 | 237 | 273382 | 104.89 | ng | 96     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

Manual Integrations  
 APPROVED

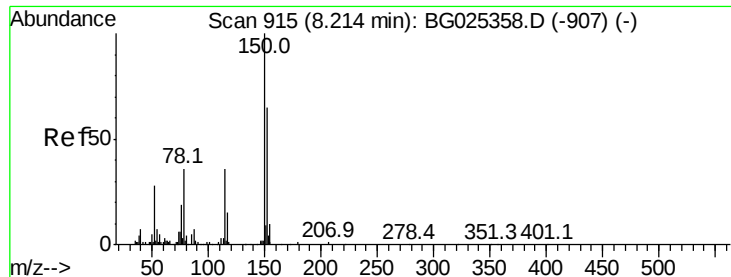
Sohil  
 1/12/2017 8:31:14 AM

Quant Time: Jan 11 18:04:42 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.28 | 196  | 209993   | 48.06 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.36 | 196  | 219597   | 48.01 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 13.66 | 154  | 647519   | 45.80 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 513544   | 46.50 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.93 | 65   | 222705   | 47.77 | nq    | 98       |
| 48) Acenaphthylene             | 14.56 | 152  | 774453   | 45.24 | nq    | 96       |
| 49) Dimethylphthalate          | 14.27 | 163  | 727270   | 47.46 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.41 | 165  | 157726   | 47.12 | nq    | 97       |
| 51) Acenaphthene               | 14.89 | 154  | 499076   | 44.57 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.76 | 138  | 49312    | 15.32 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 14.97 | 184  | 170900   | 77.99 | nq    | 89       |
| 54) Dibenzofuran               | 15.22 | 168  | 836446   | 47.26 | nq    | 98       |
| 55) 4-Nitrophenol              | 15.08 | 139  | 219846   | 91.47 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 15.21 | 165  | 236055   | 48.43 | nq    | # 90     |
| 57) Fluorene                   | 15.87 | 166  | 692612   | 46.74 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.46 | 232  | 226389   | 46.21 | nq    | 99       |
| 59) Diethylphthalate           | 15.62 | 149  | 755767   | 47.03 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 383969   | 45.72 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.92 | 138  | 136185   | 42.06 | nq    | # 82     |
| 62) Azobenzene                 | 16.15 | 77   | 790633   | 51.02 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.97 | 198  | 151587   | 45.55 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 642142   | 49.43 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 282738   | 47.69 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.87 | 284  | 322879   | 47.46 | nq    | # 89     |
| 68) Atrazine                   | 17.01 | 200  | 288653   | 50.71 | nq    | 98       |
| 69) Pentachlorophenol          | 17.23 | 266  | 326012   | 92.43 | nq    | 99       |
| 70) Phenanthrene               | 17.61 | 178  | 1199412  | 48.43 | nq    | 96       |
| 71) Anthracene                 | 17.71 | 178  | 1222119  | 48.57 | nq    | 98       |
| 72) Carbazole                  | 17.98 | 167  | 1089254  | 48.39 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 1340368  | 48.40 | nq    | 97       |
| 74) Fluoranthene               | 19.61 | 202  | 1588324  | 48.55 | nq    | 96       |
| 76) Benzidine                  | 19.80 | 184  | 218757   | 12.98 | nq    | 95       |
| 77) Pyrene                     | 19.98 | 202  | 1615577  | 45.74 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 677371   | 47.77 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 1842597  | 48.88 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 402731   | 27.51 | nq    | 97       |
| 82) Chrysene                   | 21.91 | 228  | 1681173  | 46.51 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 962725   | 48.78 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.94 | 149  | 1662050  | 50.73 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.19 | 276  | 2325945  | 50.62 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 24.18 | 252  | 1916816m | 48.21 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.25 | 252  | 1873132  | 48.79 | nq    | 96       |
| 89) Benzo(a)pyrene             | 25.11 | 252  | 1881089  | 48.99 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.24 | 278  | 1973252  | 48.49 | nq    | # 97     |
| 91) Benzo(g,h,i)perylene       | 30.42 | 276  | 1821558  | 45.04 | nq    | 98       |

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





#1

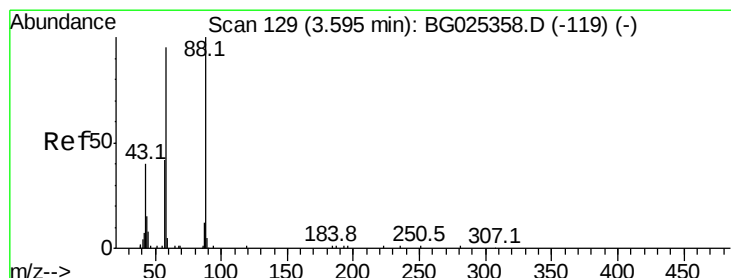
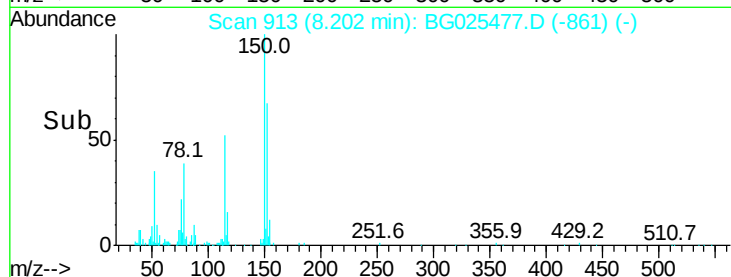
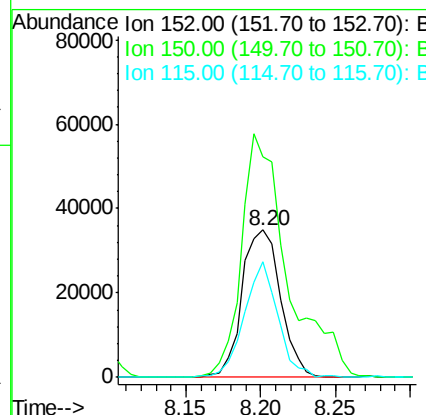
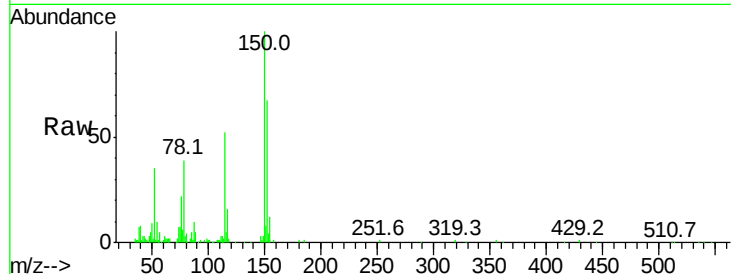
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.20 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.3 | 114.0 | 171.0 |
| 115     | 78.1  | 48.1  | 72.1# |

Manual Integrations  
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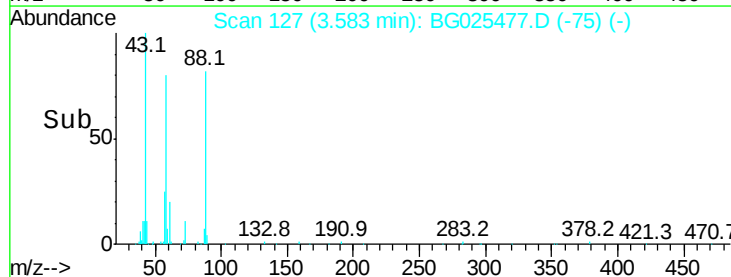
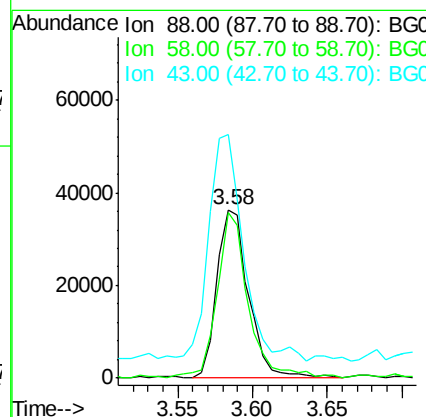
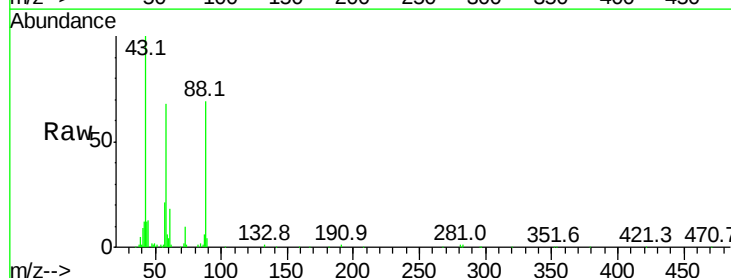
Sohil  
1/12/2017 8:31:14 AM

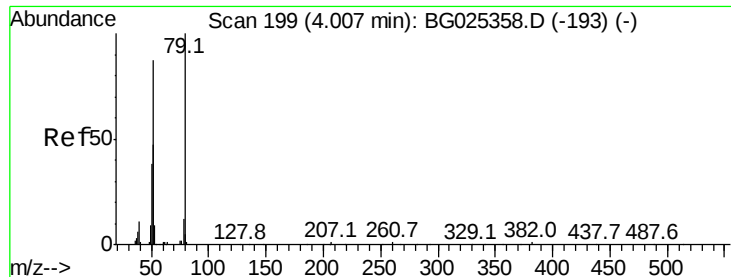


#2

1,4-Dioxane  
Concen: 36.93 ng  
RT: 3.58 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 94.5  | 79.4  | 119.2 |
| 43      | 144.2 | 33.8  | 50.6# |





#3

Pvridine

Concen: 33.38 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.02 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

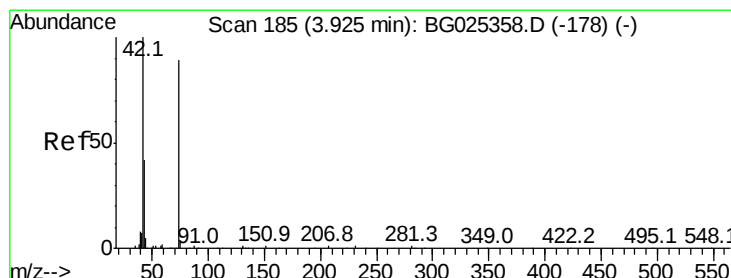
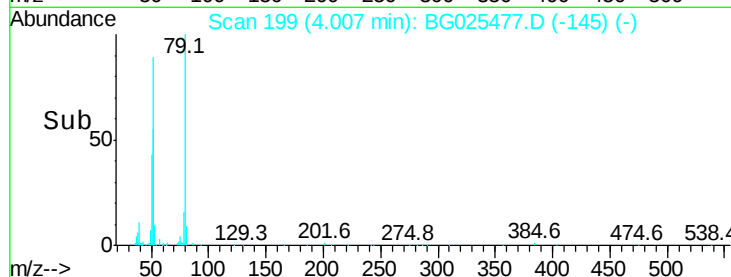
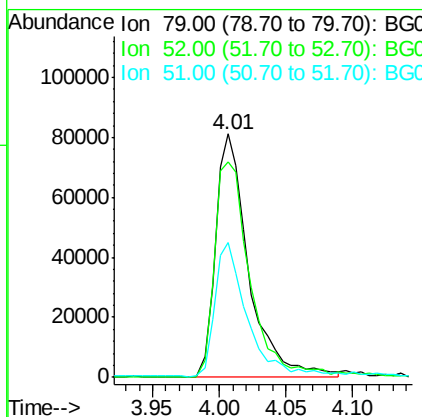
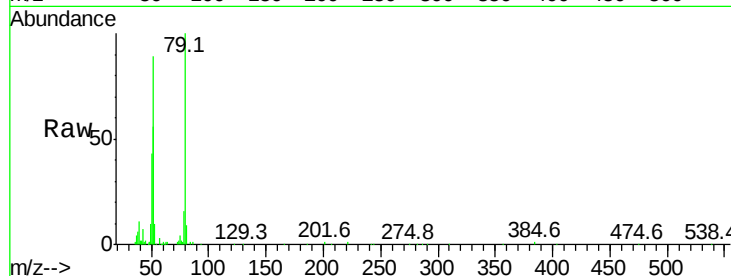
ClientSampleId :

TP3-COMP13MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 141666 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 88.5  | 77.8  | 116.6  |
| 51       | 55.6  | 43.2  | 64.8   |

Manual Integrations  
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1/12/2017 8:31:14 AM



#4

n-Nitrosodimethylamine

Concen: 44.77 ng

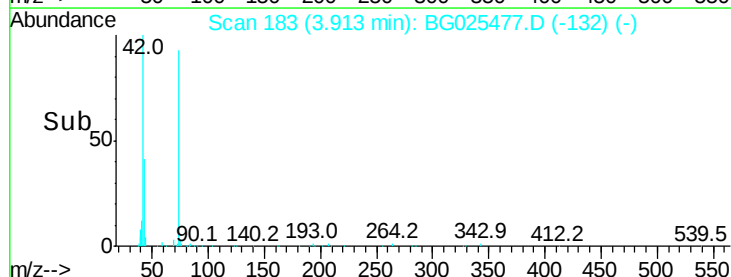
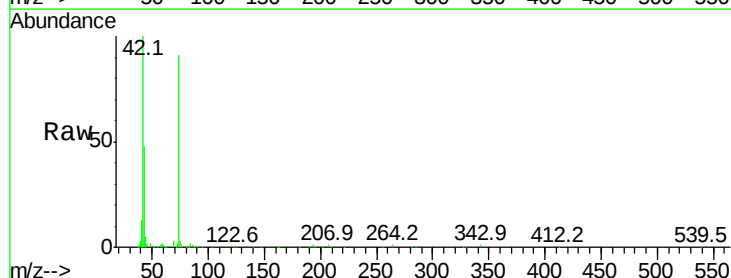
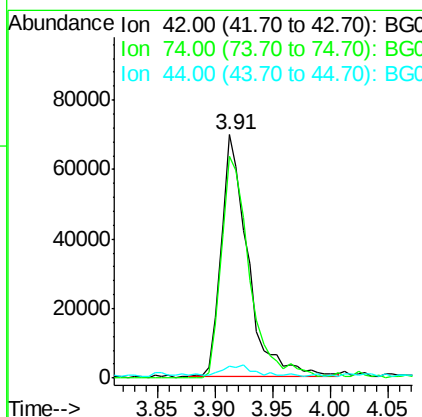
RT: 3.91 min Scan# 183

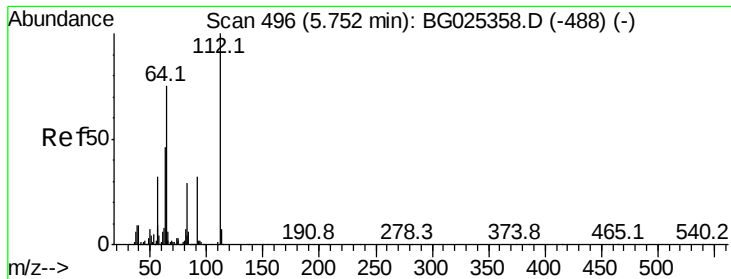
Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 112777 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 91.2  | 76.7  | 115.1  |
| 44       | 4.7   | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 155.70 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

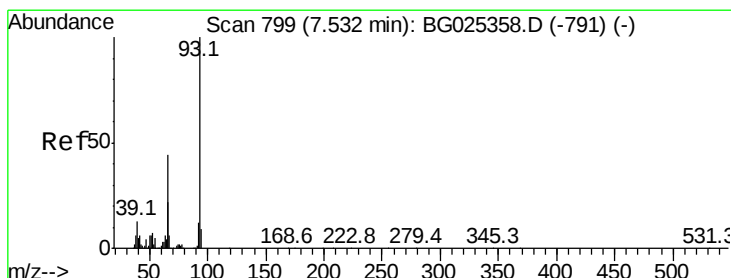
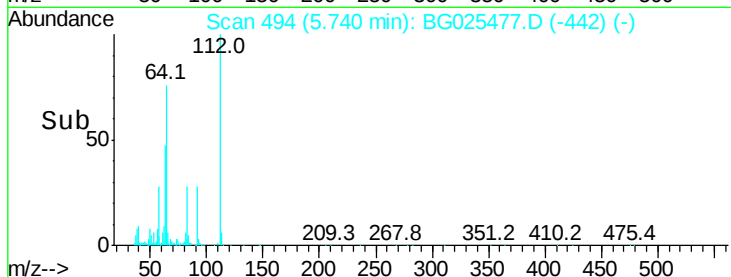
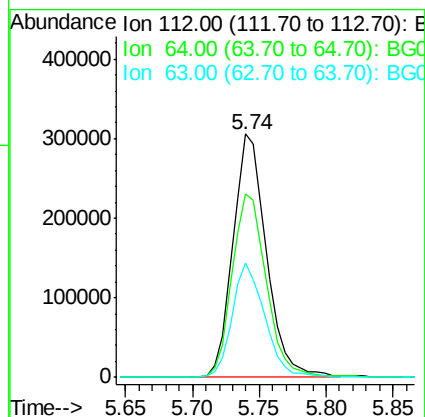
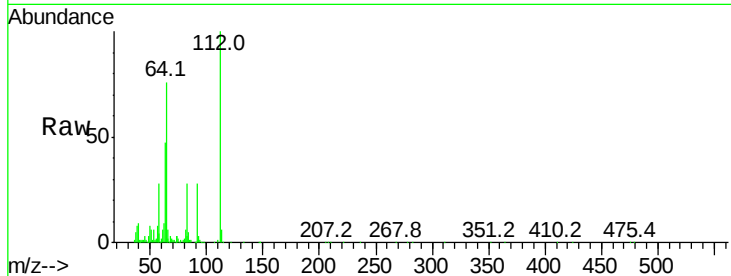
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 534257 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 75.5  | 61.8  | 92.6   |
| 63        | 47.1  | 37.2  | 55.8   |

Manual Integrations  
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#6

Aniline

Concen: 21.08 ng

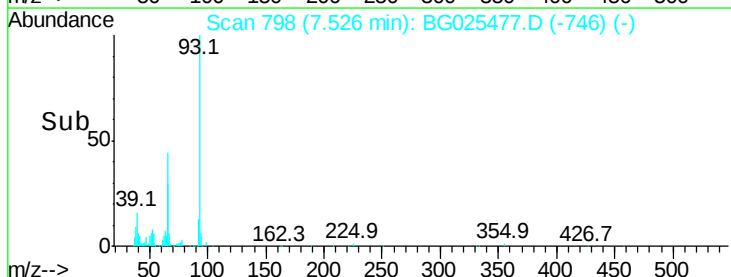
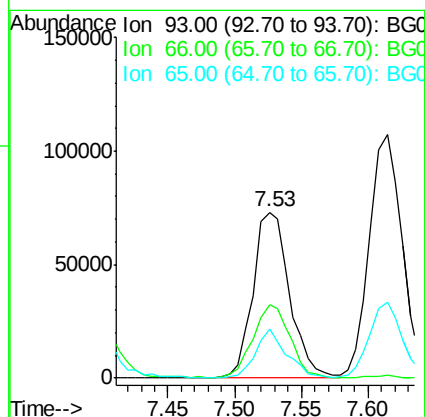
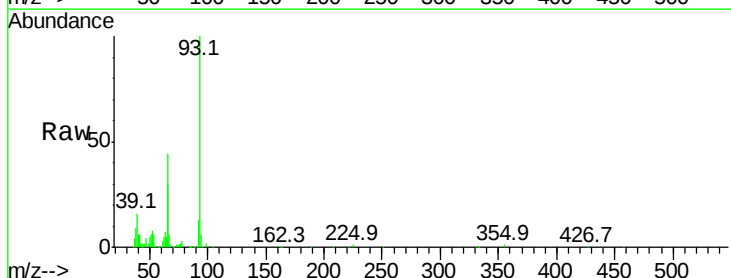
RT: 7.53 min Scan# 798

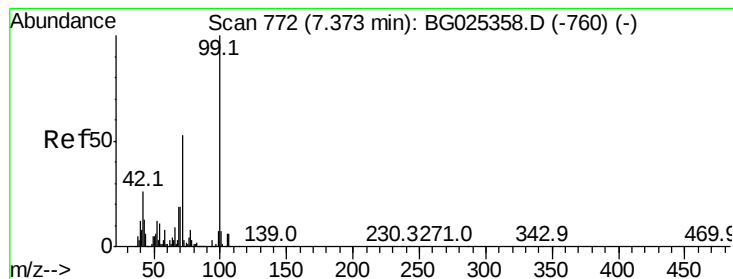
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 138012 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.3  | 35.4  | 53.2   |
| 65        | 29.6  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 149.77 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

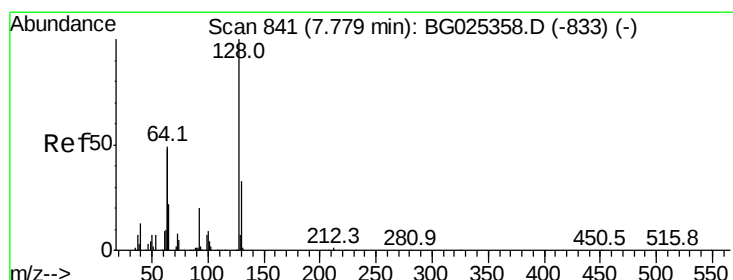
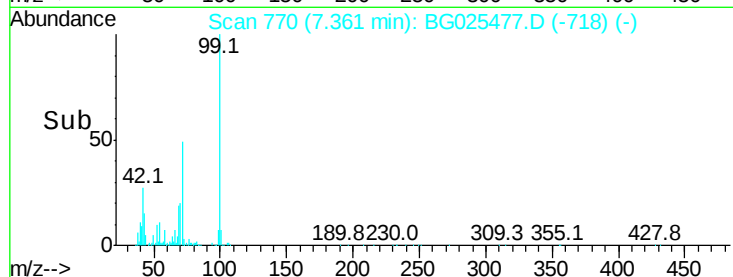
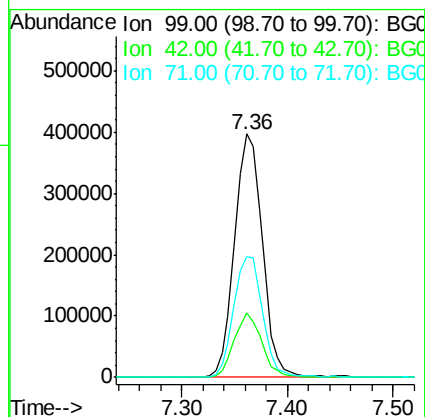
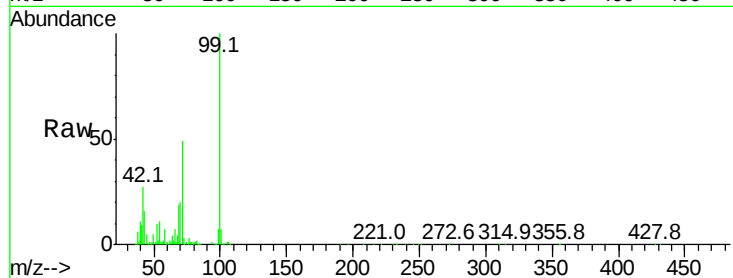
ClientSampleId :

TP3-COMP13MSD

| Tot Ion | 99    | Resp  | 723777 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 99      | 100   |       |        |
| 42      | 26.7  | 20.5  | 30.7   |
| 71      | 49.4  | 37.6  | 56.4   |

Manual Integrations  
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1/12/2017 8:31:14 AM



#8

2-Chlorophenol

Concen: 47.89 ng

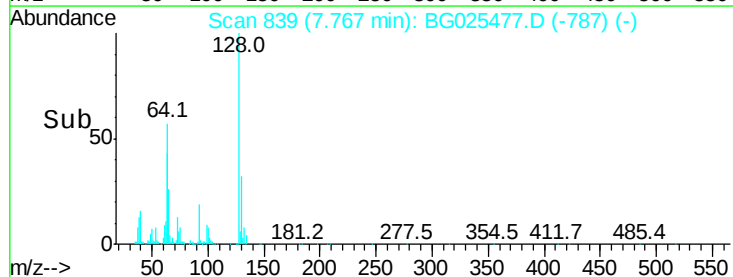
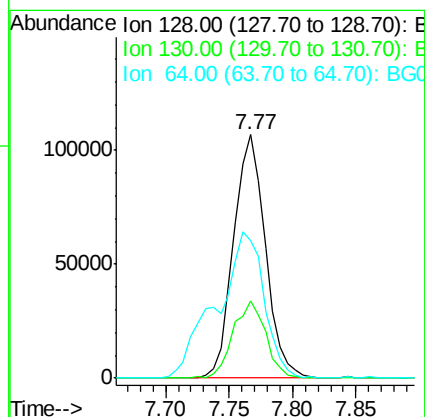
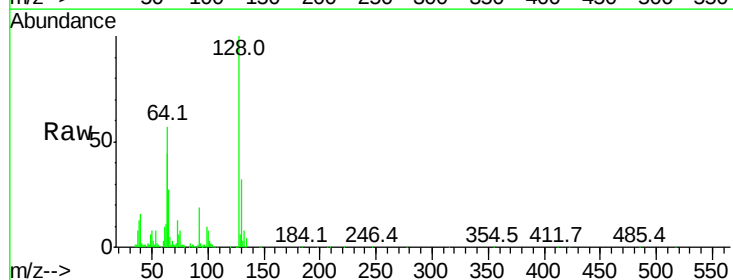
RT: 7.77 min Scan# 839

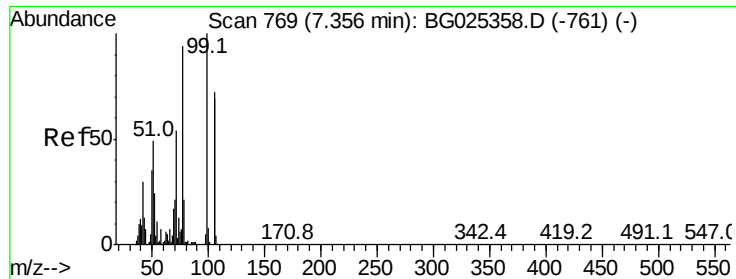
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

| Tgt Ion | 128   | Resp  | 185355 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 130     | 31.9  | 11.4  | 51.4   |
| 64      | 56.7  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 4.93 ng

RT: 7.35 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

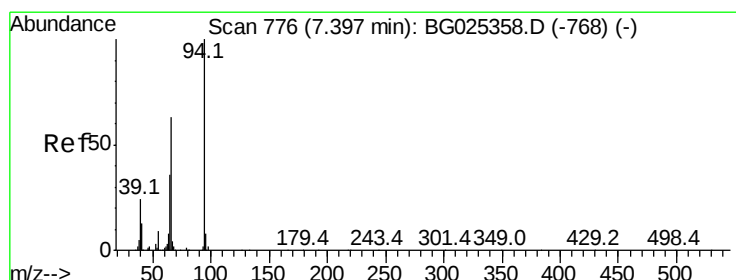
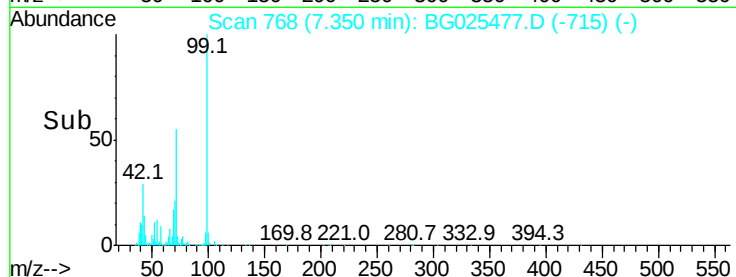
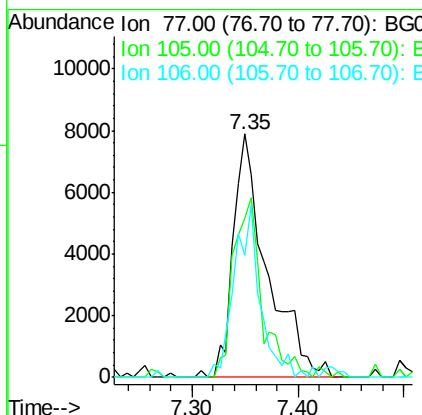
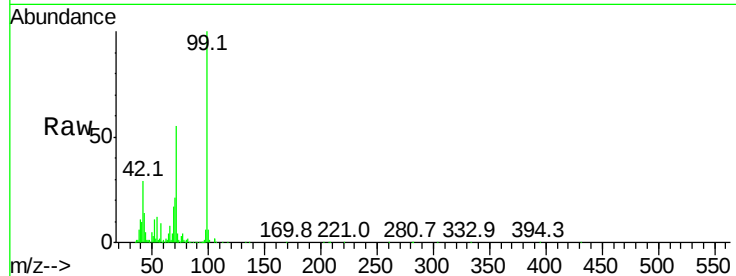
ClientSampleId :

TP3-COMP13MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 17425 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 65.6  | 60.9  | 100.9 |
| 106      | 49.9  | 55.1  | 95.1  |

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#10

Phenol

Concen: 45.36 ng

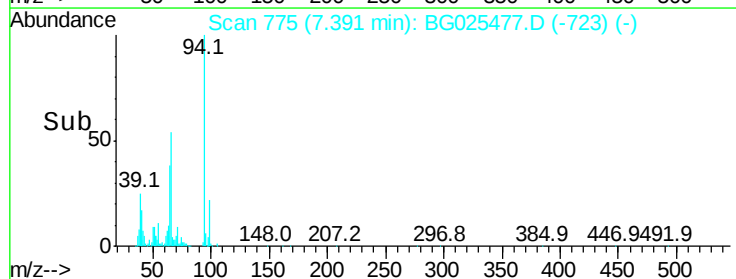
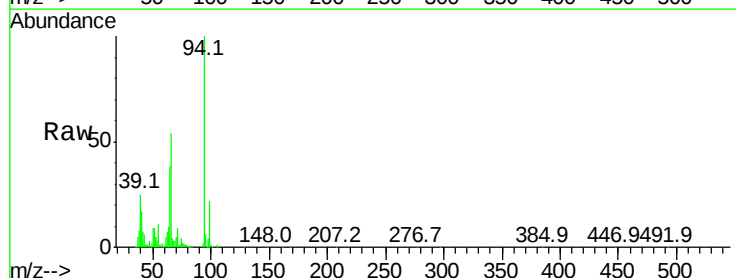
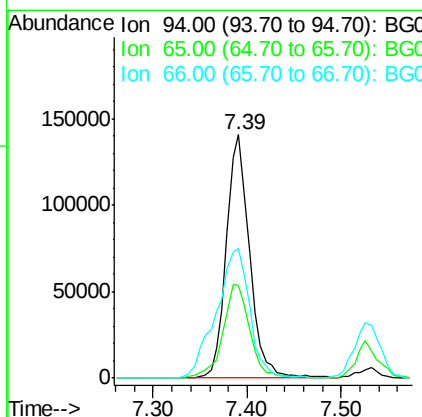
RT: 7.39 min Scan# 775

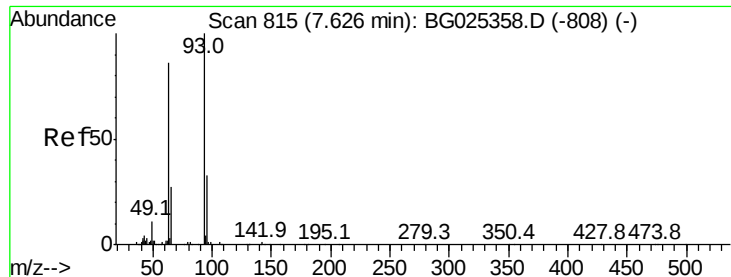
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 242994 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 38.2  | 20.6  | 60.6   |
| 66       | 53.5  | 35.5  | 75.5   |





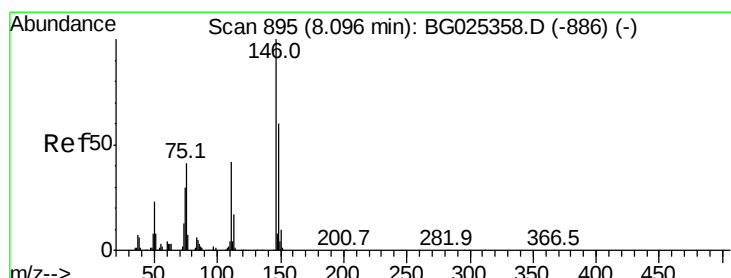
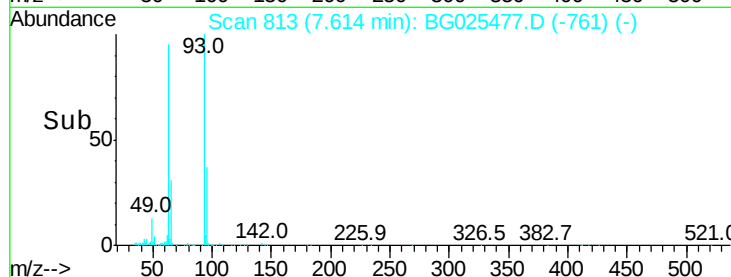
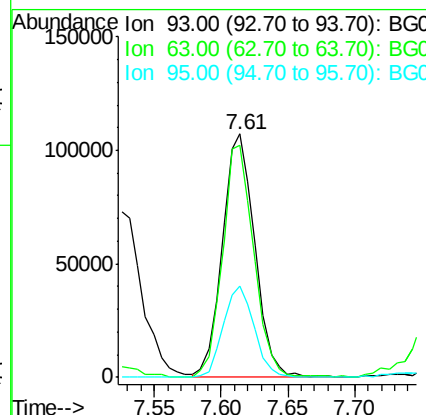
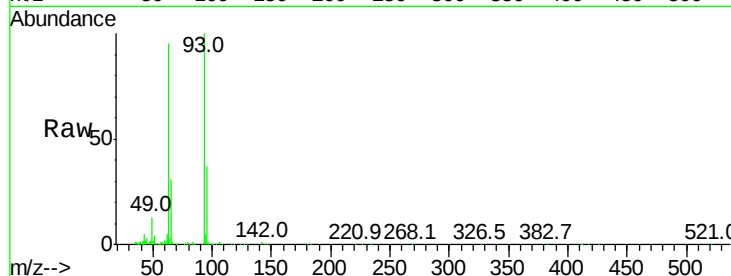
#11  
bis(2-Chloroethyl)ether  
Concen: 44.13 ng  
RT: 7.61 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 182150 |       |       |
| 63      | 95.5  | 78.5   | 118.5 |       |
| 95      | 37.3  | 9.8    | 49.8  |       |

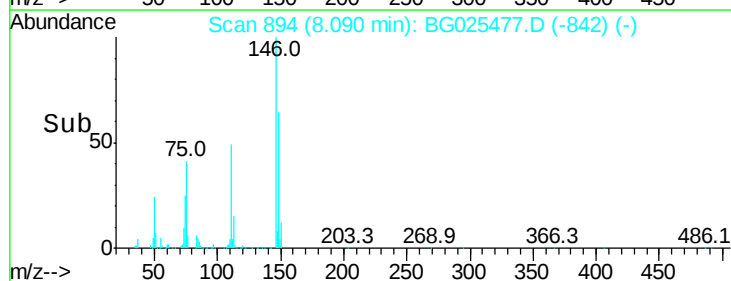
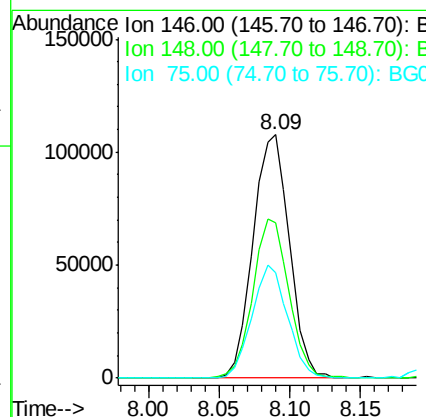
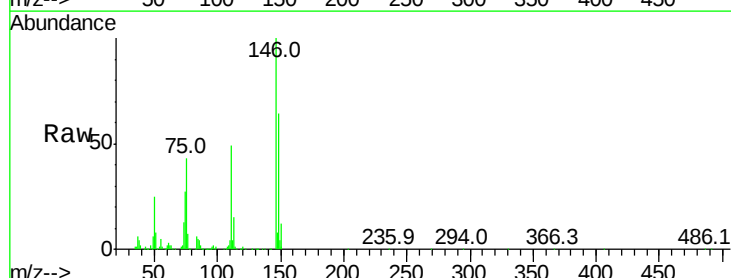
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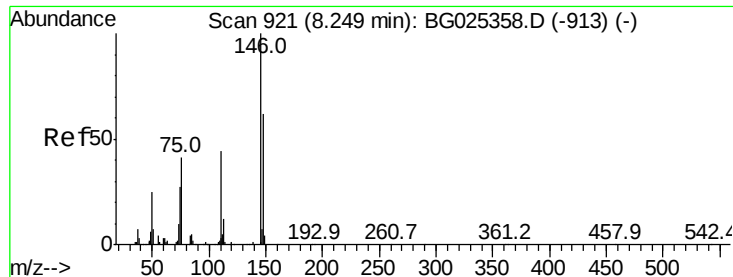
Sohil  
1/12/2017 8:31:14 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.53 ng  
RT: 8.09 min Scan# 894  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 194512 |       |       |
| 148     | 64.0  | 49.2   | 73.8  |       |
| 75      | 43.4  | 33.4   | 50.2  |       |





#13

1,4-Dichlorobenzene

Concen: 42.40 ng

RT: 8.24 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

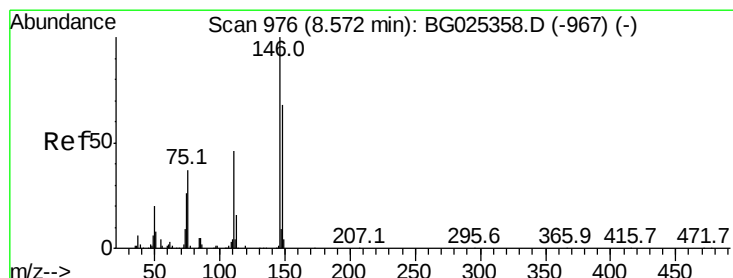
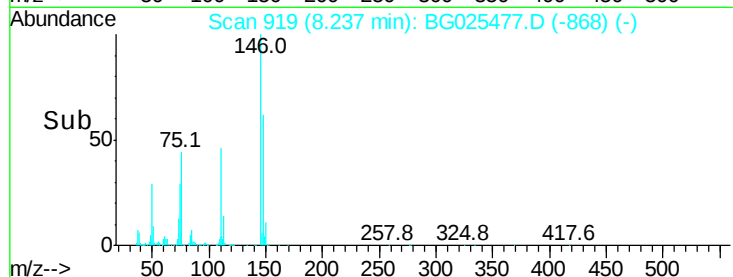
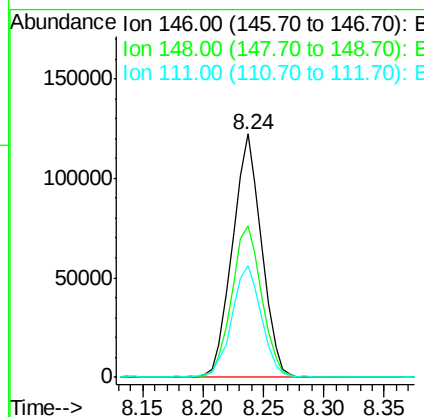
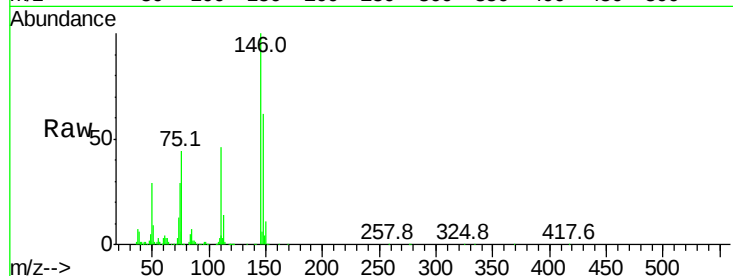
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 205835 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.1  | 52.2  | 78.2   |
| 111       | 45.7  | 37.0  | 55.6   |

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#14

1,2-Dichlorobenzene

Concen: 42.17 ng

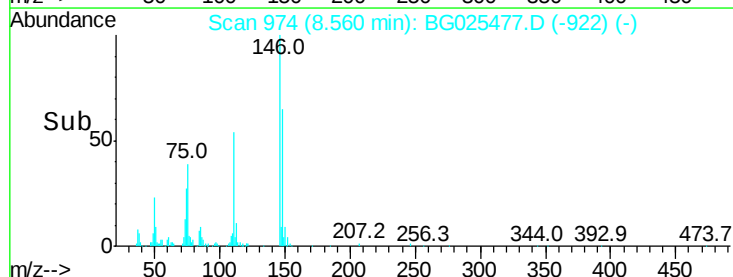
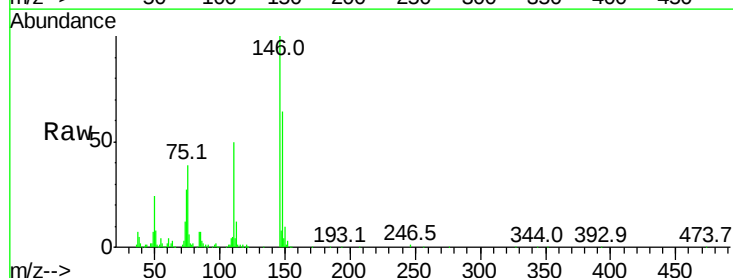
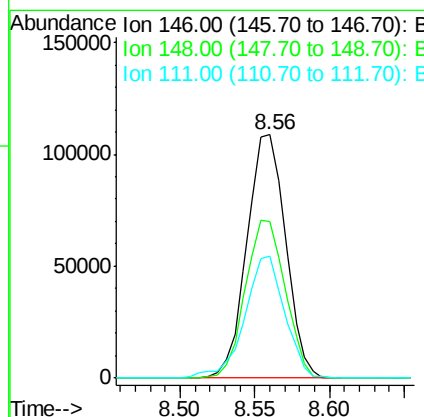
RT: 8.56 min Scan# 974

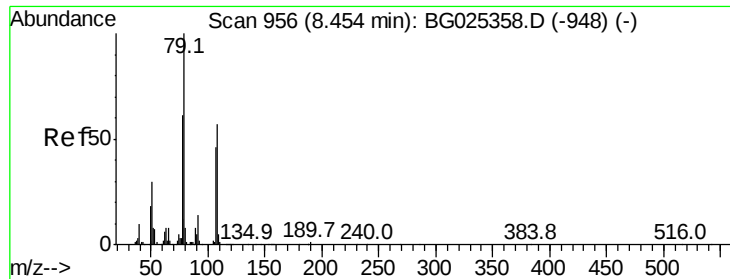
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 195333 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 54.6  | 81.8   |
| 111       | 49.9  | 39.7  | 59.5   |





#15

Benzyl Alcohol

Concen: 48.08 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

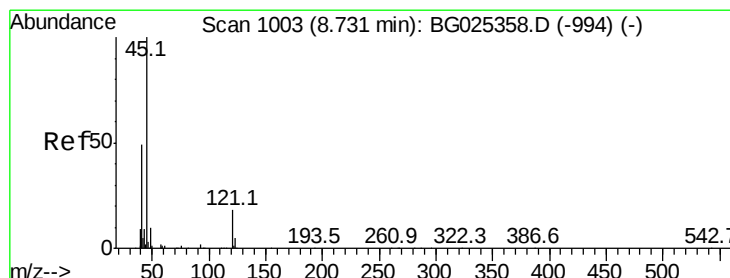
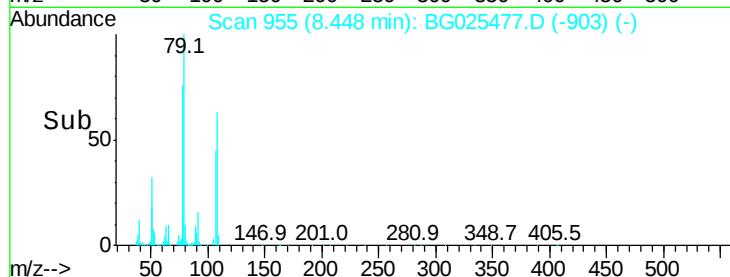
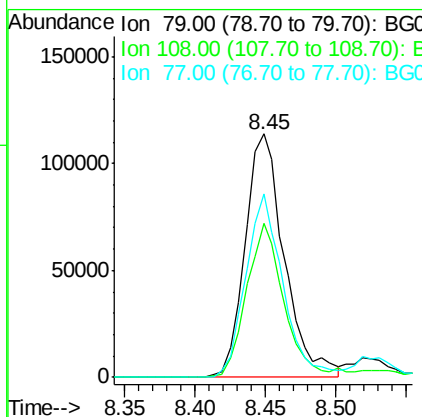
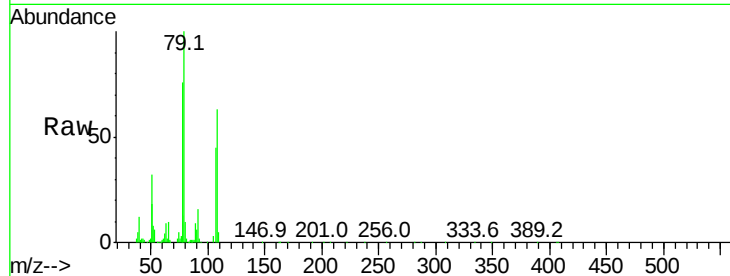
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 221792 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.4  | 45.5  | 68.3   |
| 77        | 75.6  | 54.3  | 81.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.08 ng

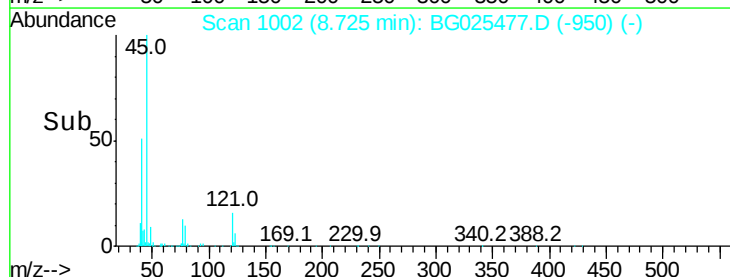
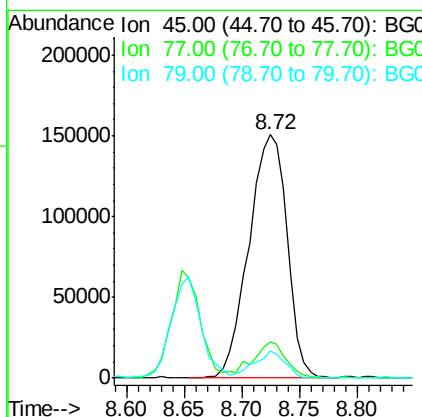
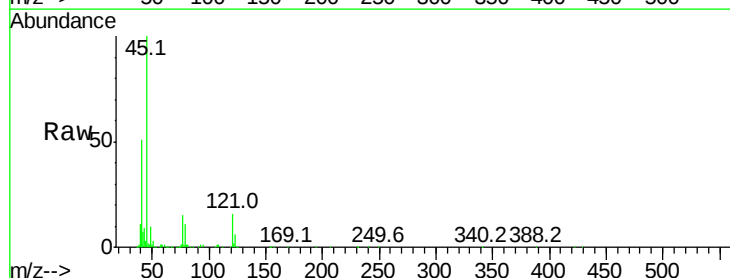
RT: 8.72 min Scan# 1002

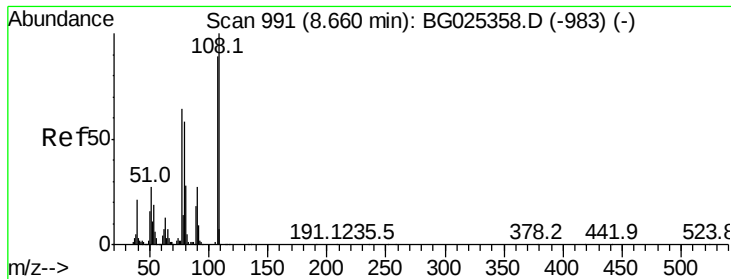
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 344620 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.7  | 0.0   | 30.6   |
| 79        | 11.4  | 0.0   | 28.5   |





#17

2-Methylphenol

Concen: 48.94 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

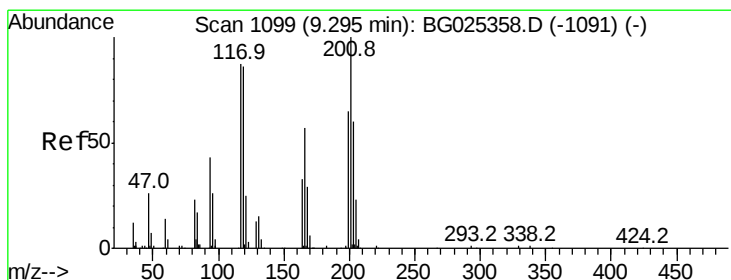
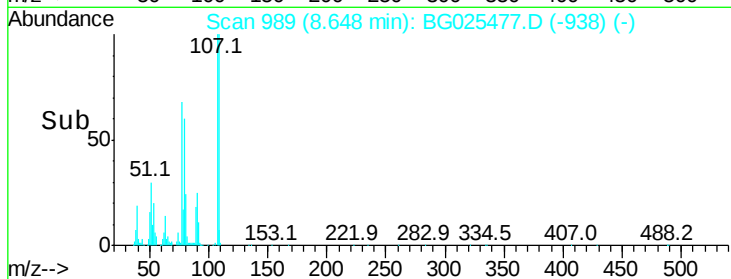
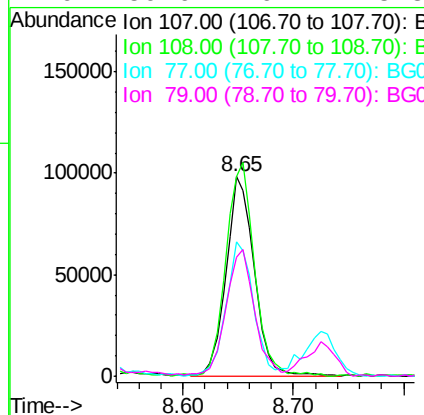
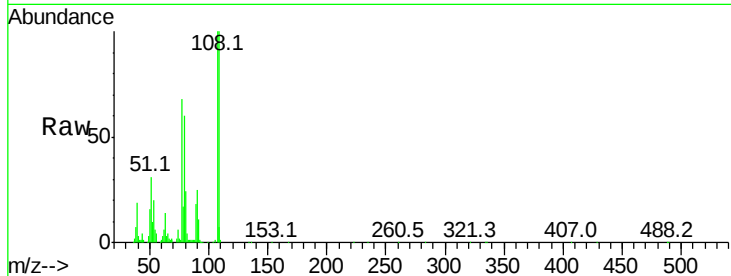
ClientSampleId :

TP3-COMP13MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 100.0 | 85.6 | 128.4 |       |
| 77      | 67.7  | 51.4 | 77.2  |       |
| 79      | 59.6  | 49.2 | 73.8  |       |

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#18

Hexachloroethane

Concen: 44.34 ng

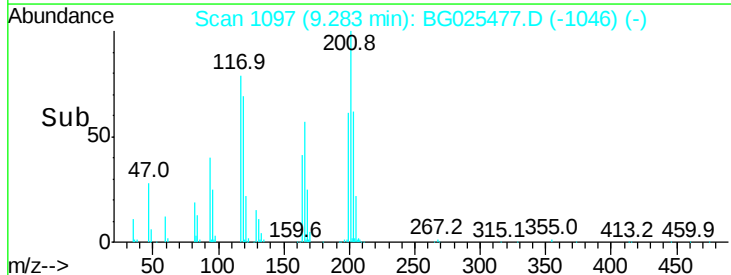
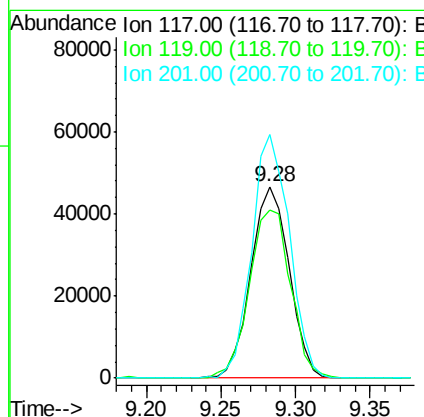
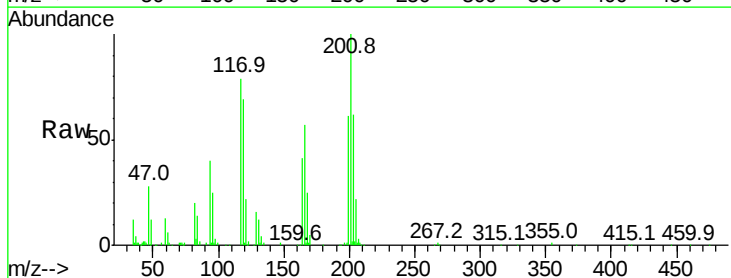
RT: 9.28 min Scan# 1097

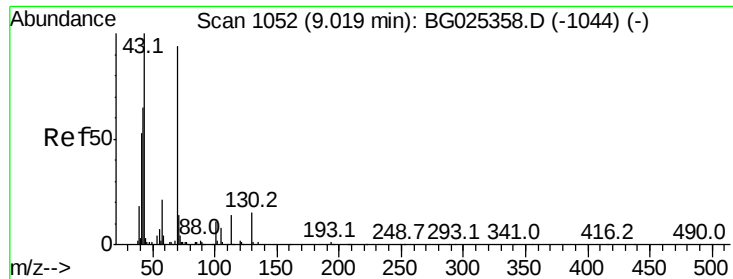
Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 88.3  | 69.8 | 104.6 |       |
| 201     | 127.4 | 95.4 | 143.0 |       |





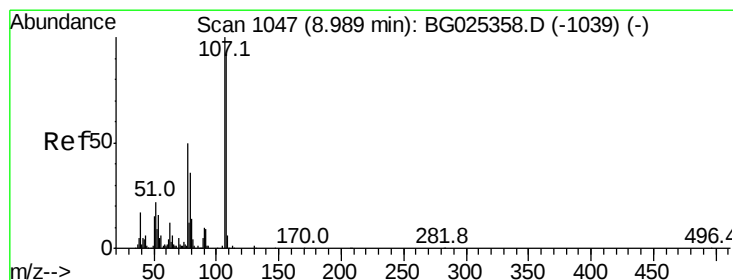
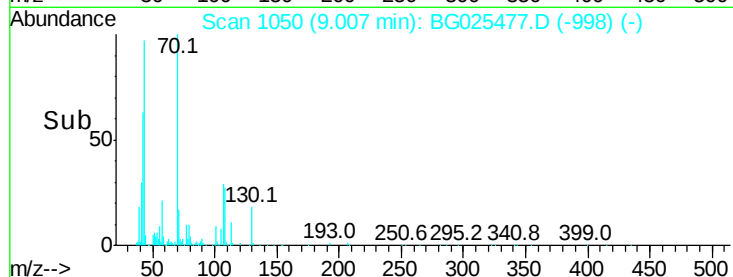
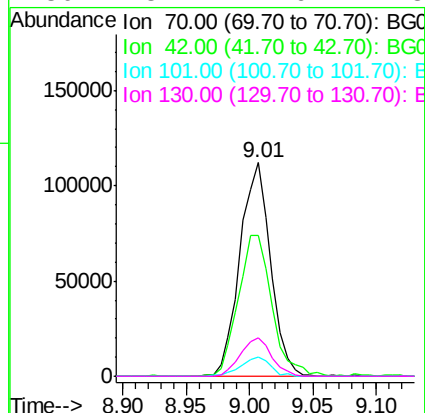
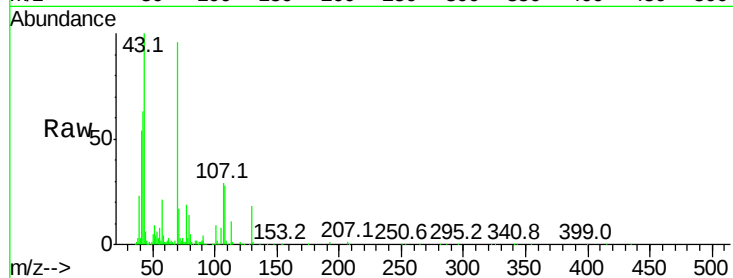
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.96 ng  
RT: 9.01 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 65.7  | 56.1  | 84.1  |
| 101     | 9.1   | 7.5   | 11.3  |
| 130     | 18.2  | 14.6  | 21.8  |

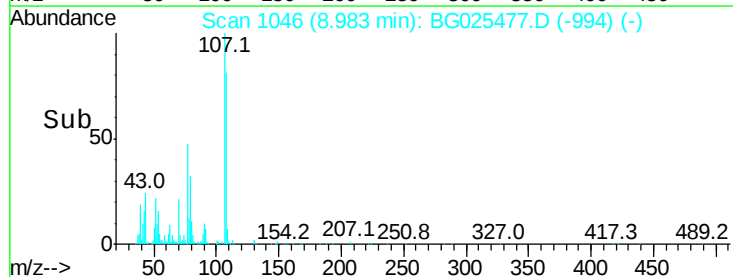
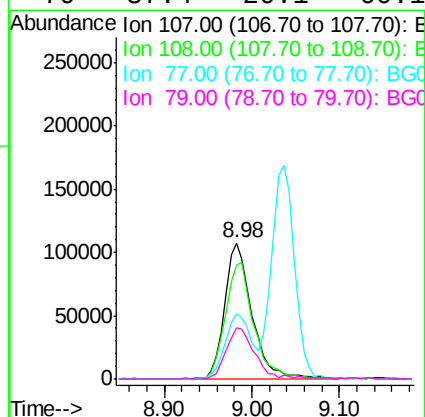
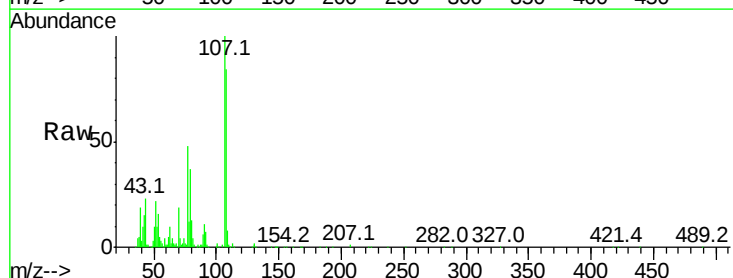
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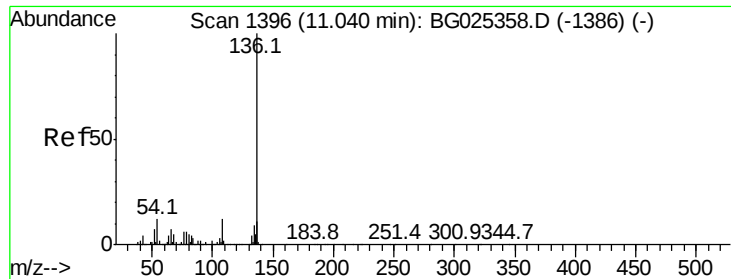
Sohil  
1/12/2017 8:31:14 AM



#20  
3+4-Methylphenols  
Concen: 47.47 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.9  | 70.8  | 110.8 |
| 77      | 48.0  | 25.8  | 65.8  |
| 79      | 37.4  | 20.1  | 60.1  |





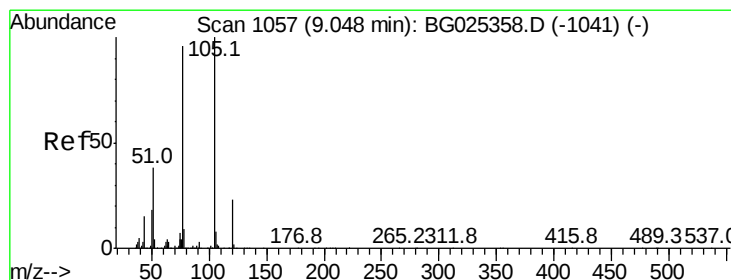
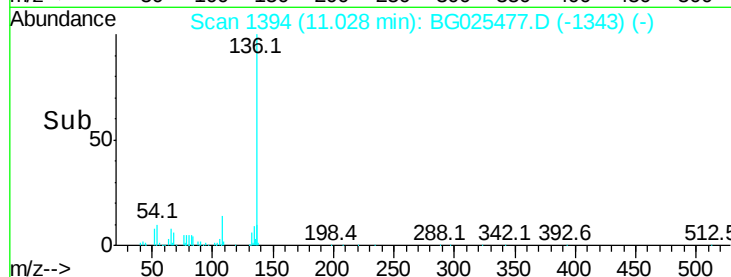
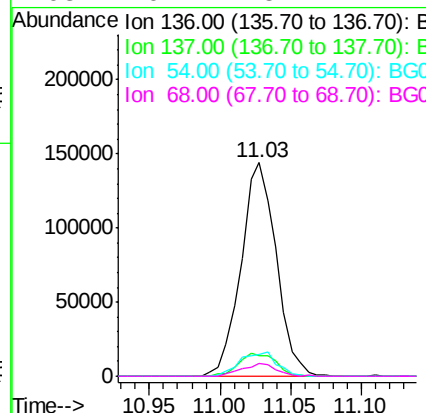
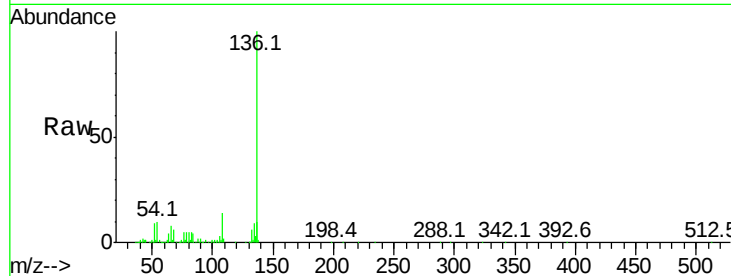
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 251408 |       |       |
| 137     | 9.7   |        | 8.9   | 13.3  |
| 54      | 9.9   |        | 9.3   | 13.9  |
| 68      | 6.1   |        | 5.1   | 7.7   |

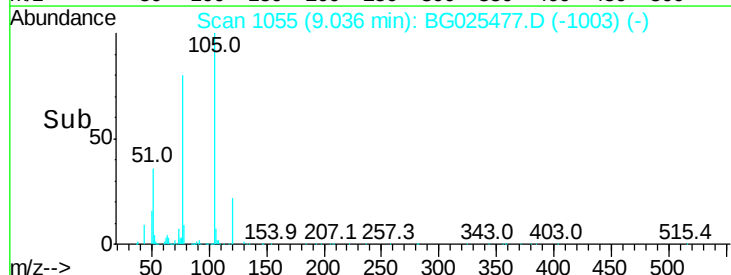
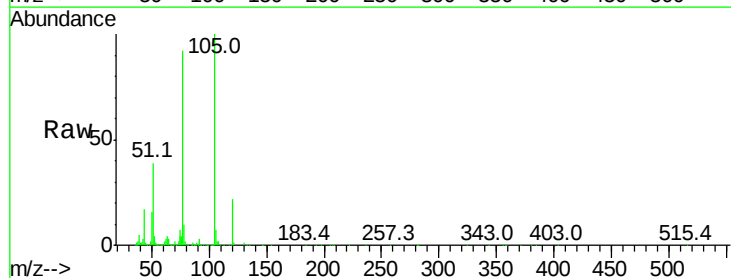
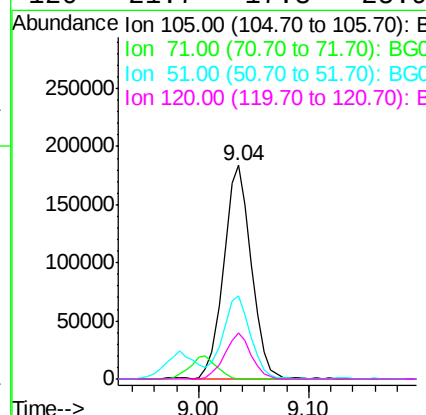
Manual Integrations  
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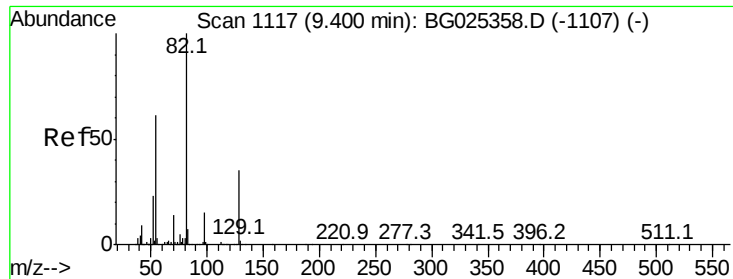
Sohil  
1/12/2017 8:31:14 AM



#22  
Acetophenone  
Concen: 45.79 ng  
RT: 9.04 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 319825 |       |       |
| 71      | 0.3   |        | 0.9   | 1.3#  |
| 51      | 39.2  |        | 34.0  | 51.0  |
| 120     | 21.7  |        | 17.3  | 25.9  |





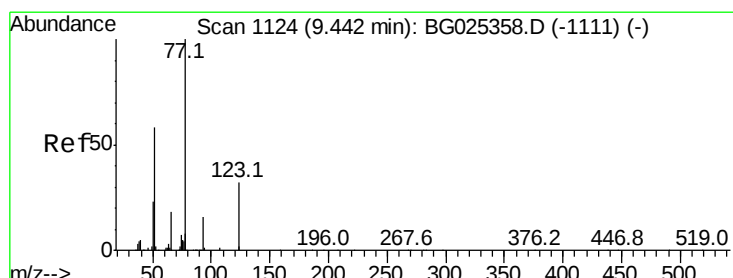
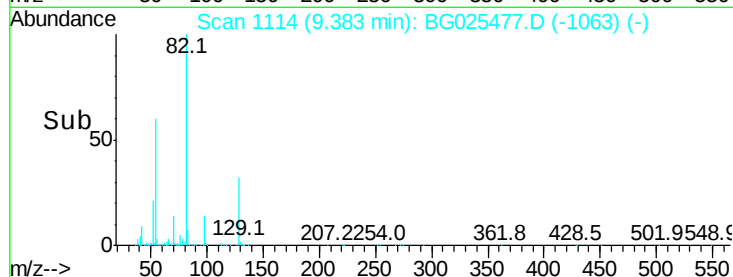
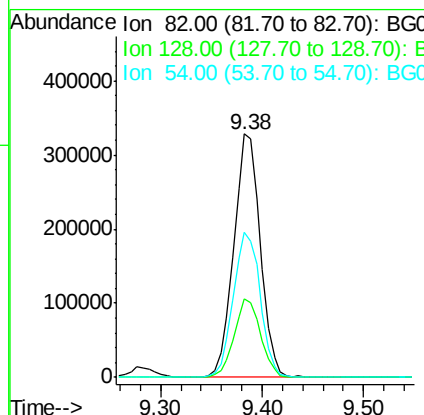
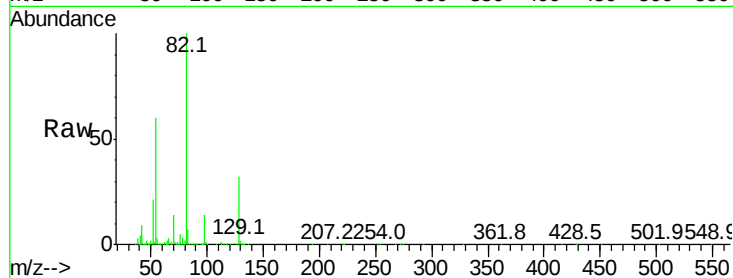
#23  
 Nitrobenzene-d5  
 Concen: 104.42 ng  
 RT: 9.38 min Scan# 1114  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 32.3  | 26.4       | 39.6  |
| 54      | 59.6  | 49.4       | 74.2  |

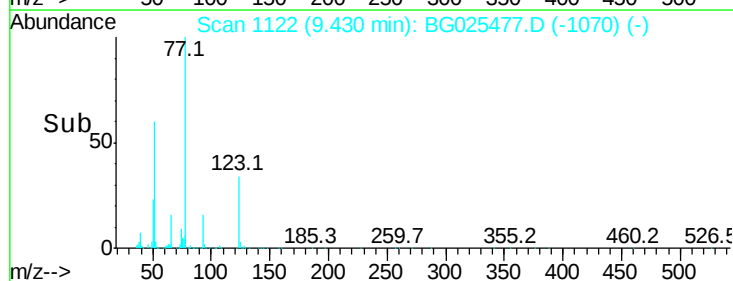
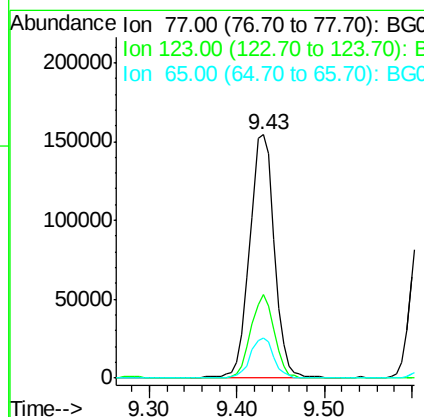
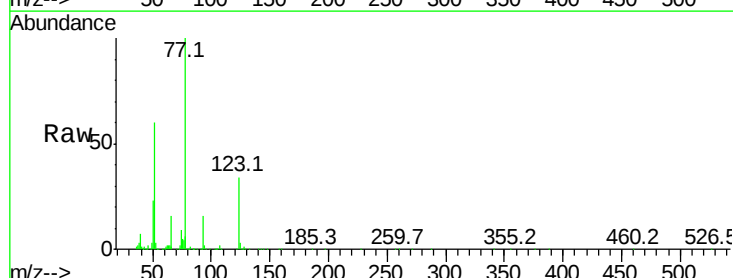
Manual Integrations  
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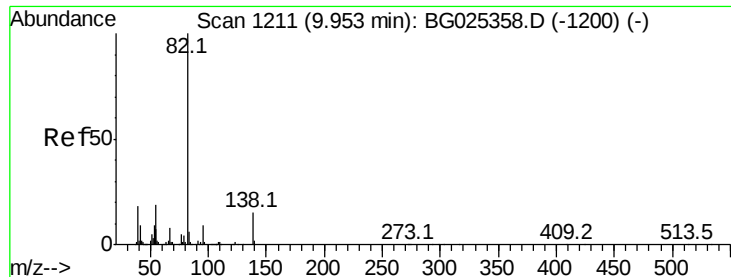
Sohil  
 1/12/2017 8:31:14 AM



#24  
 Nitrobenzene  
 Concen: 47.09 ng  
 RT: 9.43 min Scan# 1122  
 Delta R.T. 0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 34.3  | 26.1       | 39.1  |
| 65      | 16.2  | 12.4       | 18.6  |





#25

Isophorone

Concen: 49.93 ng

RT: 9.94 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

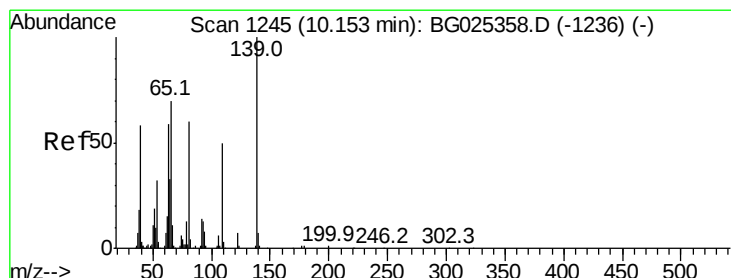
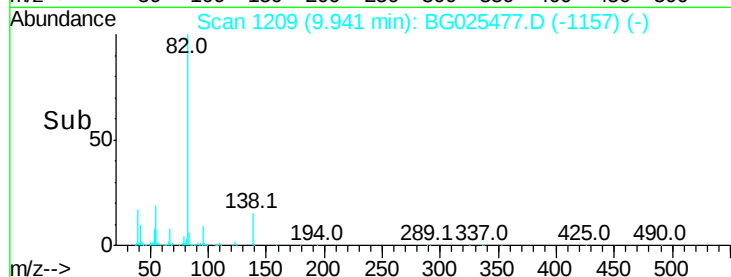
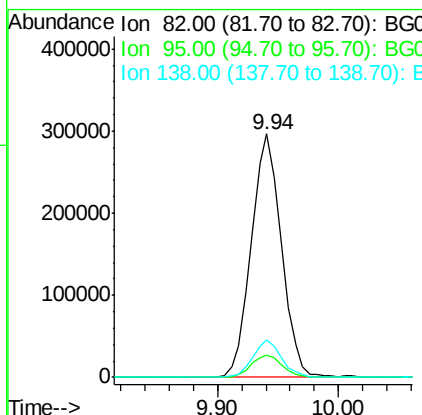
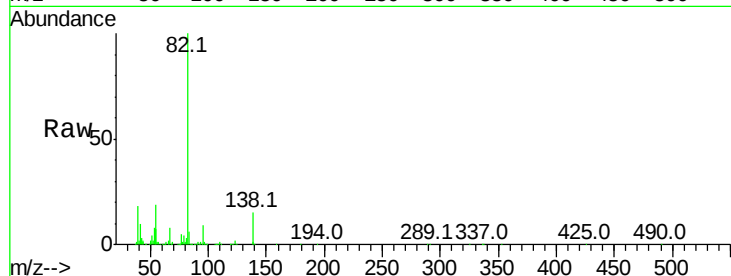
ClientSampleId :

TP3-COMP13MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 514511 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 8.9  | 7.5   | 11.3   |
| 138       | 15.3 | 12.3  | 18.5   |

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#26

2-Nitrophenol

Concen: 46.68 ng

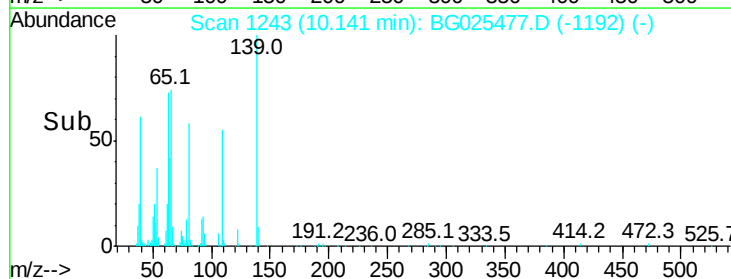
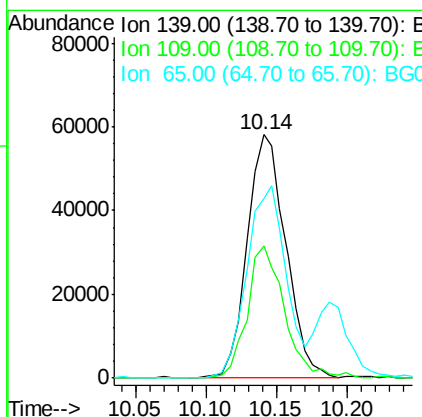
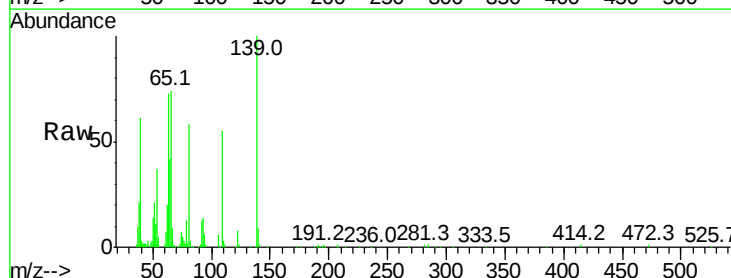
RT: 10.14 min Scan# 1243

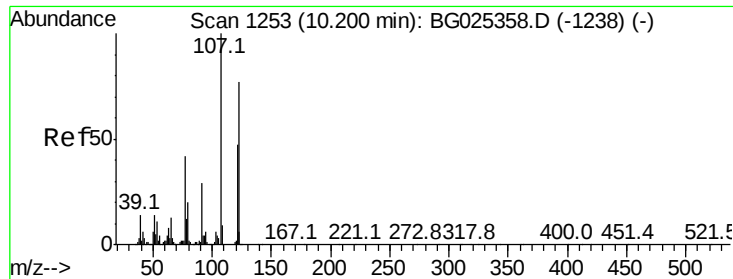
Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 111441 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 54.6 | 38.6  | 58.0   |
| 65        | 74.0 | 57.1  | 85.7   |





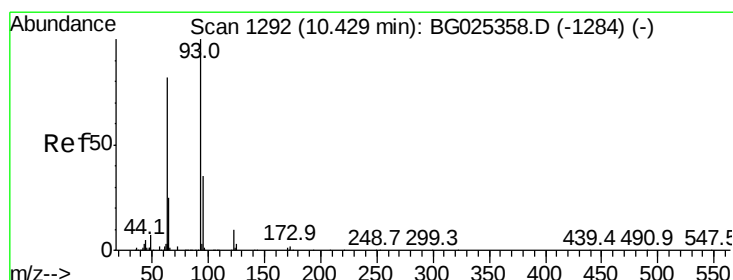
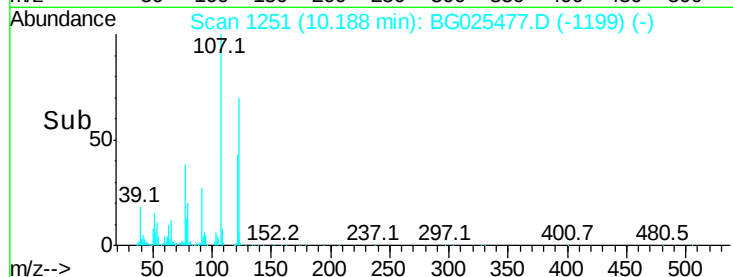
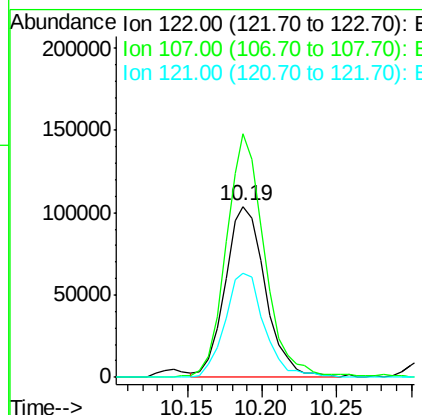
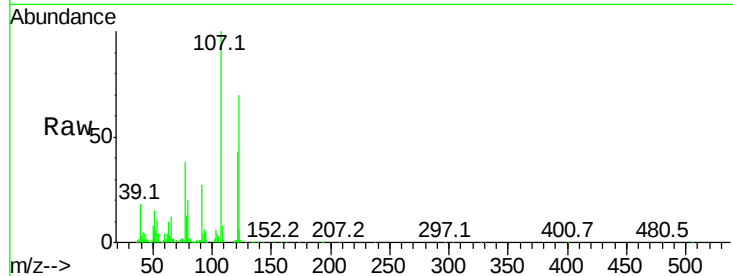
#27  
 2,4-Dimethylphenol  
 Concen: 49.42 ng  
 RT: 10.19 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 142.2 | 104.2 | 156.4 |
| 121     | 60.7  | 46.0  | 69.0  |

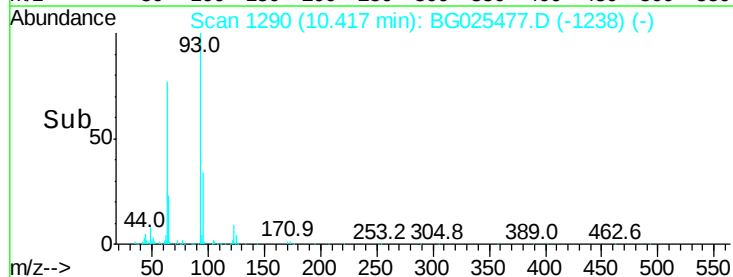
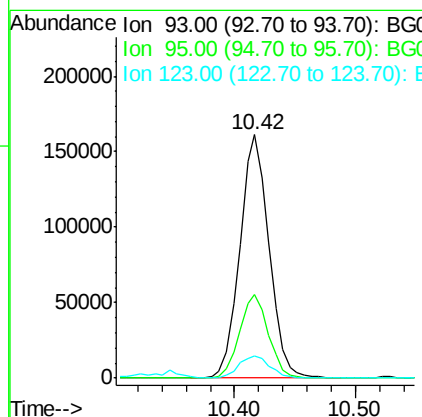
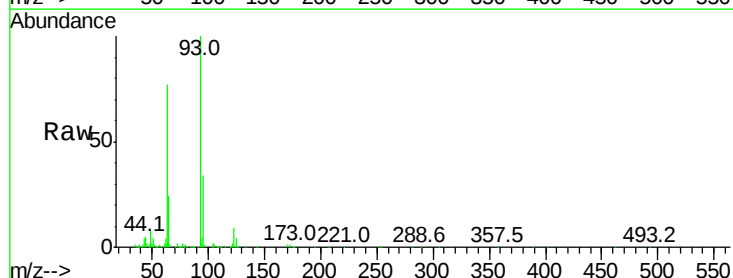
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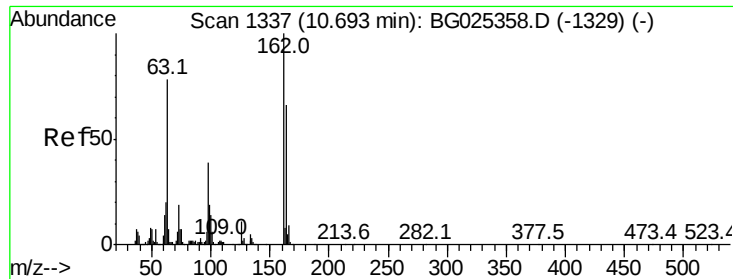
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.76 ng  
 RT: 10.42 min Scan# 1290  
 Delta R.T. 0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.3  | 25.7  | 38.5  |
| 123     | 9.4   | 8.3   | 12.5  |





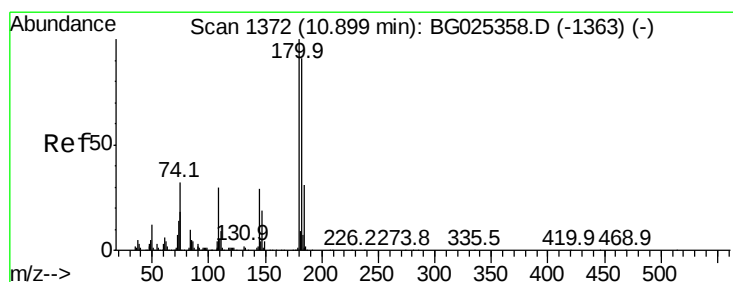
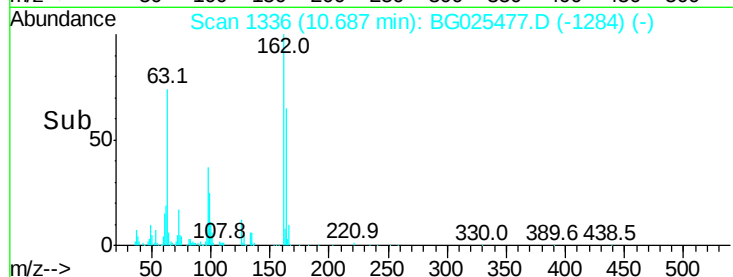
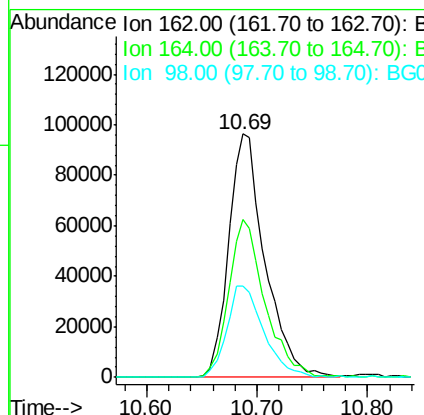
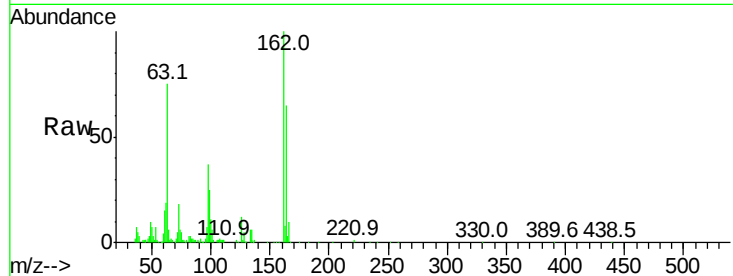
#29  
2,4-Dichlorophenol  
Concen: 52.82 ng  
RT: 10.69 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 42.4  | 82.4  |
| 98      | 37.3  | 20.3  | 60.3  |

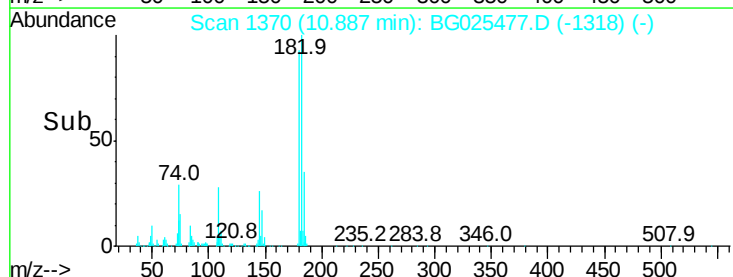
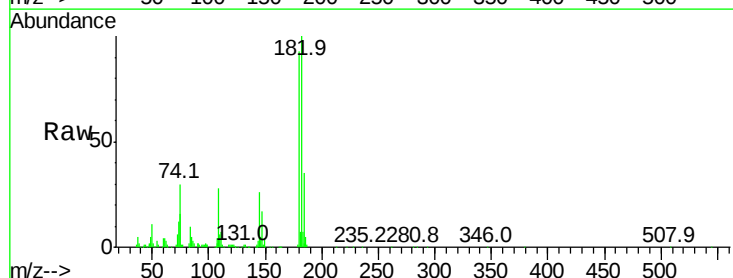
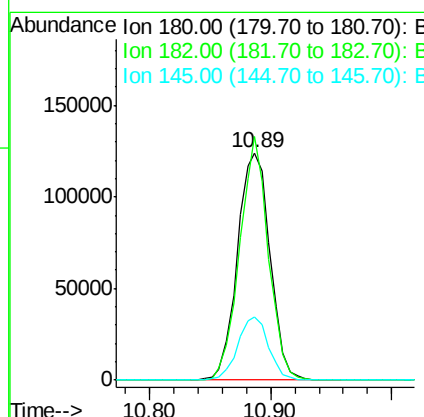
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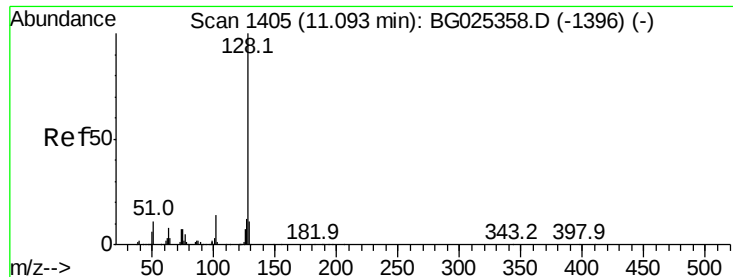
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#30  
1,2,4-Trichlorobenzene  
Concen: 45.81 ng  
RT: 10.89 min Scan# 1370  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 107.1 | 77.0  | 115.4 |
| 145     | 27.8  | 23.4  | 35.0  |





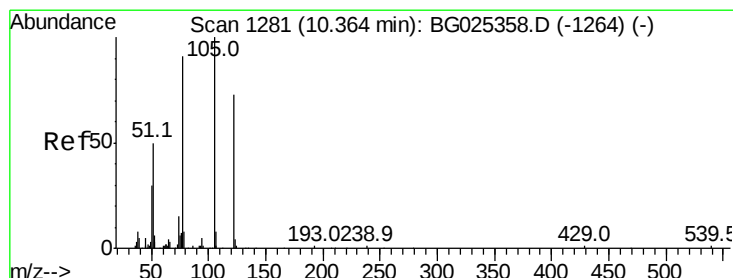
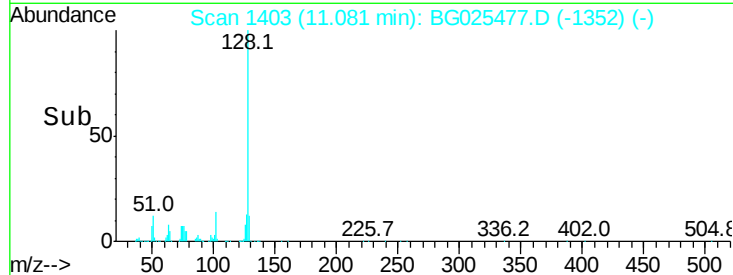
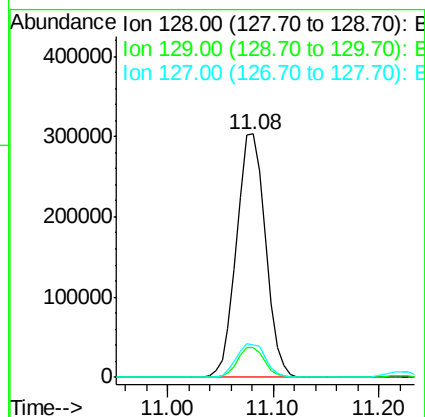
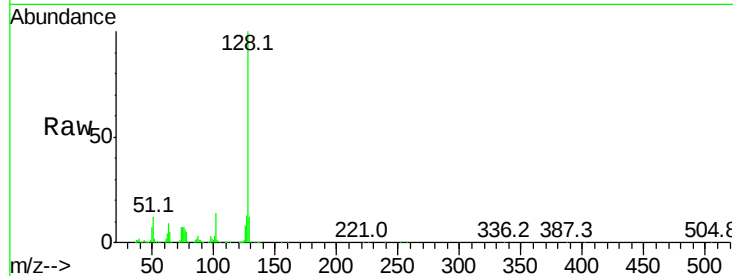
#31  
Naphthalene  
Concen: 45.87 ng  
RT: 11.08 min Scan# 1403  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.1  | 9.3   | 13.9  |
| 127     | 13.3  | 11.4  | 17.0  |

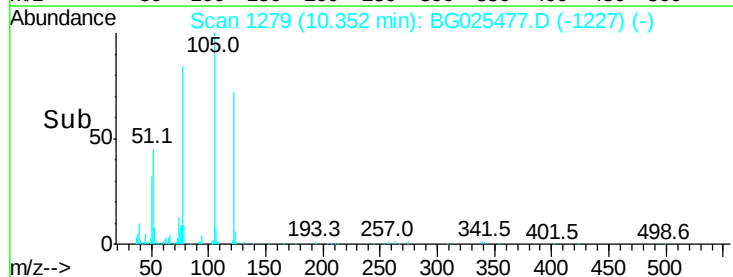
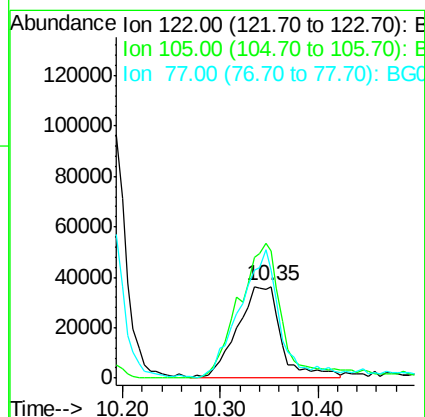
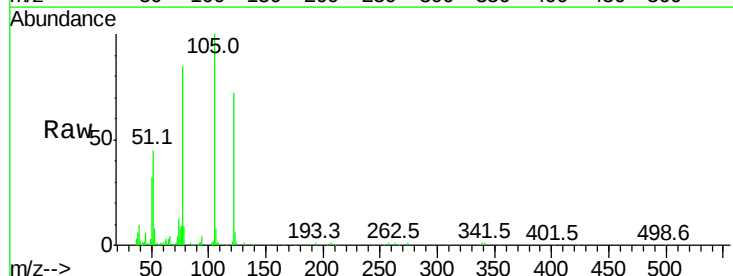
Manual Integrations  
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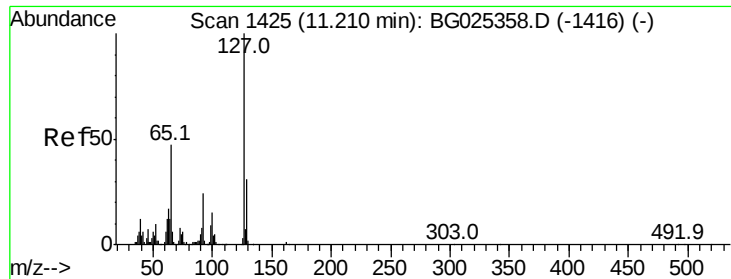
Sohil  
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#32  
Benzoic acid  
Concen: 34.88 ng  
RT: 10.35 min Scan# 1279  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 139.2 | 120.1 | 160.1 |
| 77      | 117.8 | 104.6 | 144.6 |





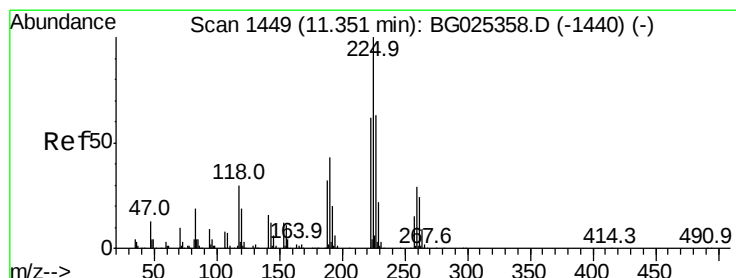
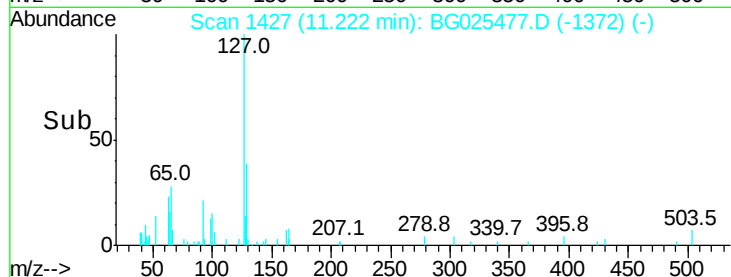
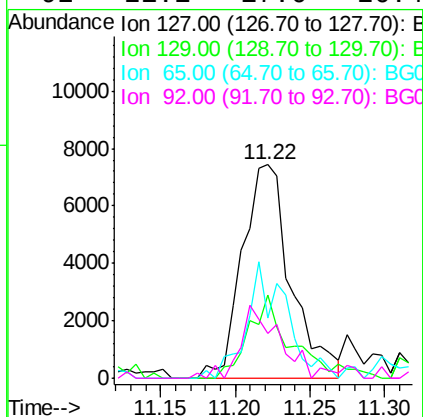
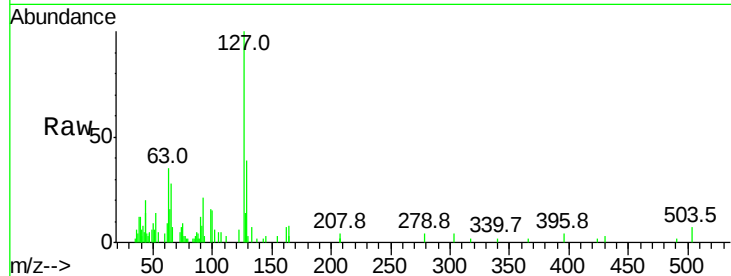
#33  
4-Chloroaniline  
Concen: 3.18 ng  
RT: 11.22 min Scan# 1427  
Delta R.T. 0.02 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 16803 |       |       |
| 129     | 39.0 | 23.6  | 35.4# |       |       |
| 65      | 28.4 | 37.7  | 56.5# |       |       |
| 92      | 21.1 | 17.6  | 26.4  |       |       |

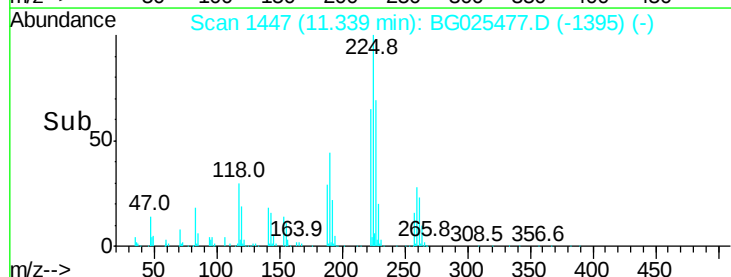
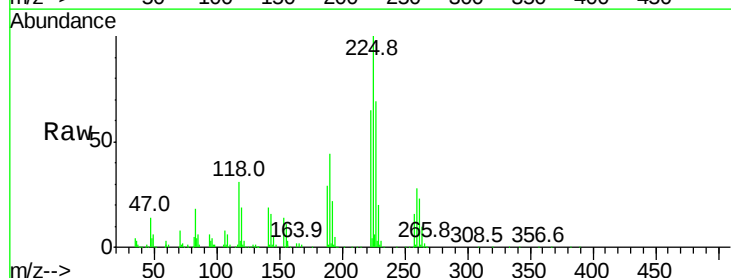
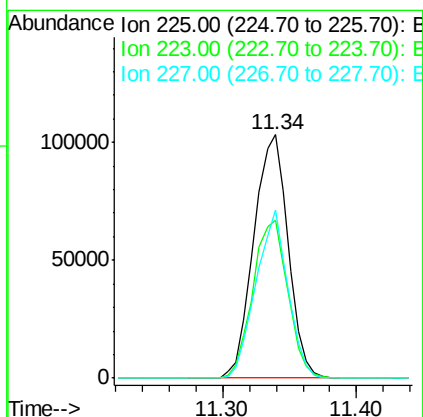
Manual Integrations  
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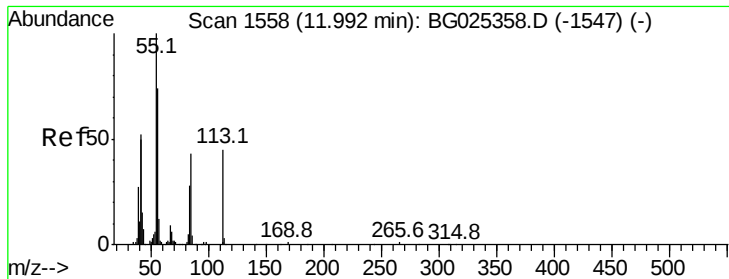
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#34  
Hexachlorobutadiene  
Concen: 44.15 ng  
RT: 11.34 min Scan# 1447  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 182875 |       |       |
| 223     | 64.8 | 50.7  | 76.1   |       |       |
| 227     | 69.1 | 49.0  | 73.6   |       |       |





#35

Caprolactam

Concen: 44.37 ng/ml

RT: 11.99 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

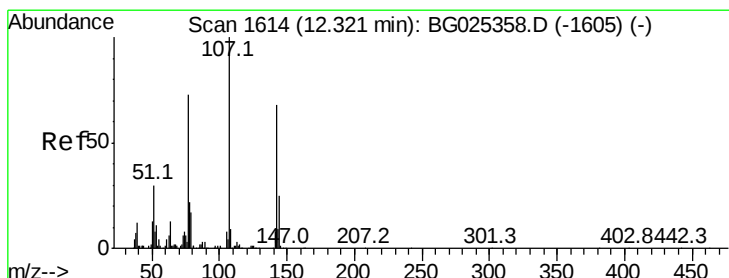
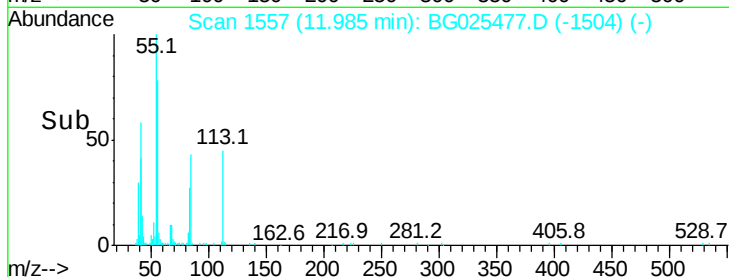
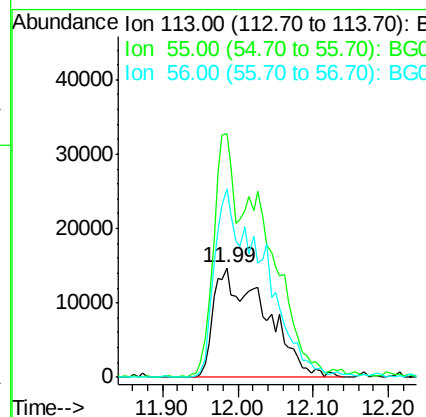
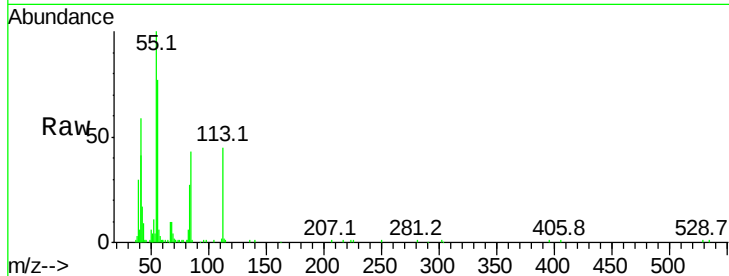
ClientSampleId :

TP3-COMP13MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 70021 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 222.8 | 198.6 | 238.6 |
| 56        | 172.2 | 140.4 | 180.4 |

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#36

4-Chloro-3-methylphenol

Concen: 49.88 ng/ml

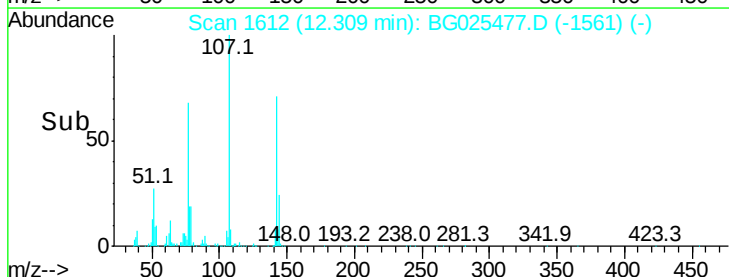
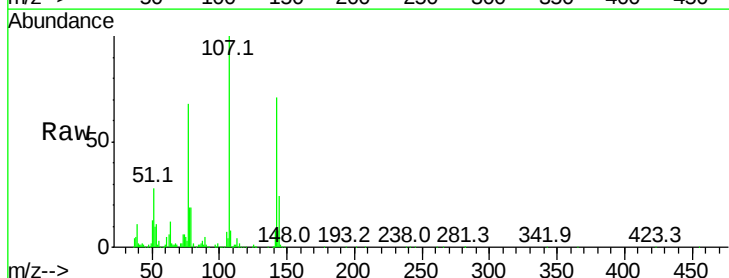
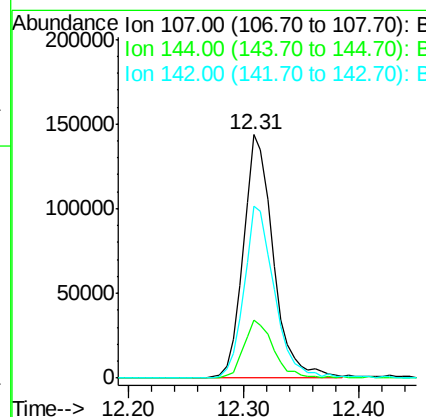
RT: 12.31 min Scan# 1612

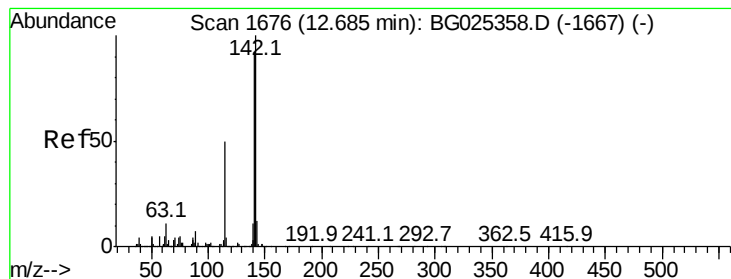
Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 258569 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.6  | 17.4  | 26.0   |
| 142       | 70.7  | 54.1  | 81.1   |





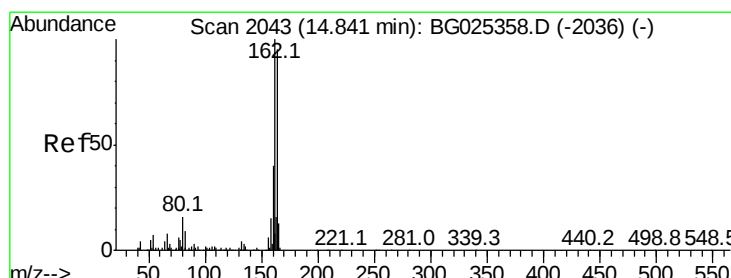
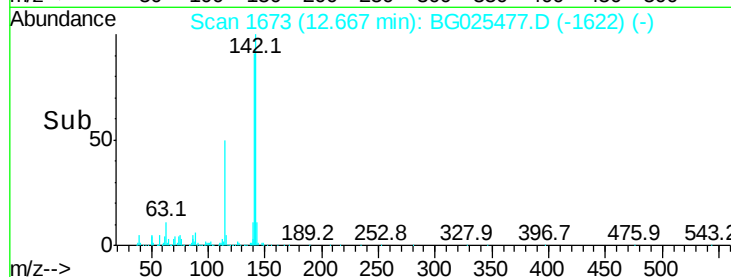
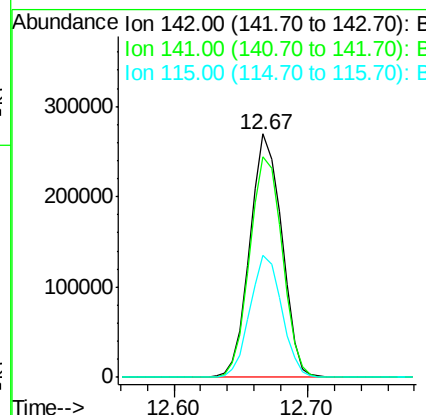
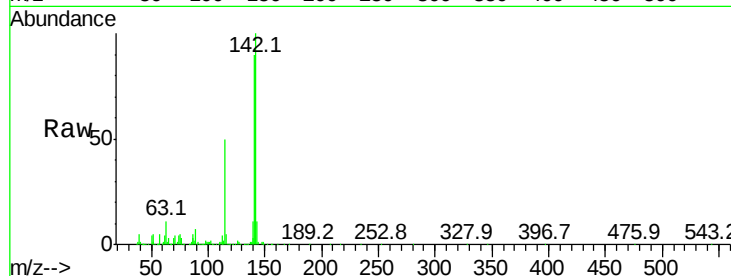
#37  
 2-Methylnaphthalene  
 Concen: 47.63 ng  
 RT: 12.67 min Scan# 1673  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 70.4  | 105.6 |
| 115     | 49.9  | 35.5  | 53.3  |

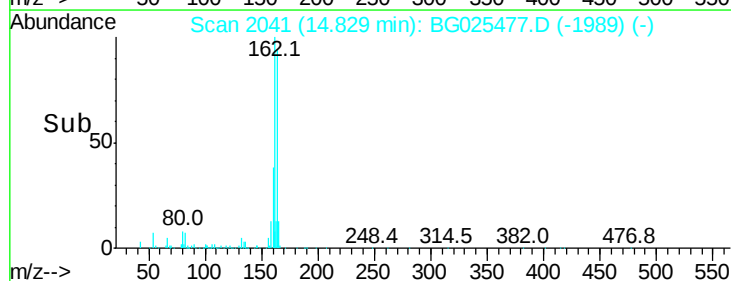
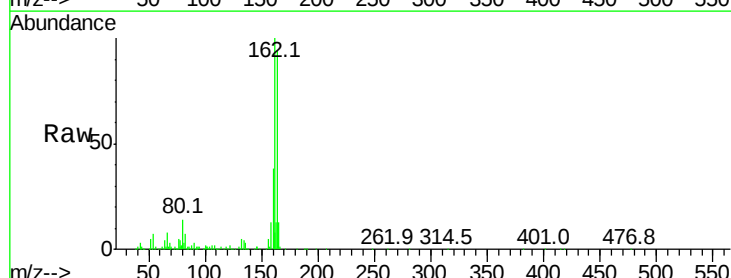
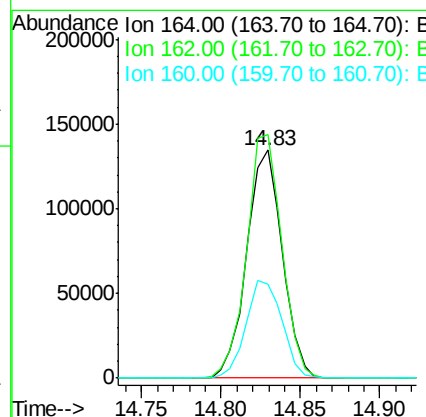
Manual Integrations  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.83 min Scan# 2041  
 Delta R.T. 0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.7 | 85.1  | 127.7 |
| 160     | 41.0  | 34.7  | 52.1  |





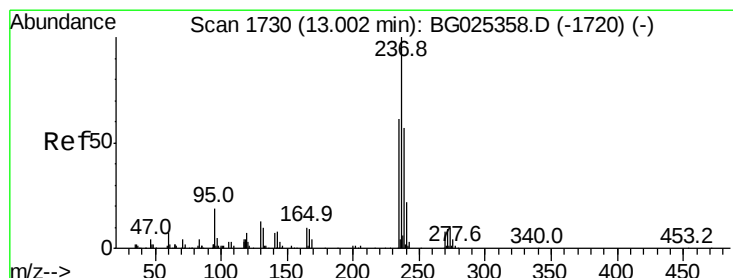
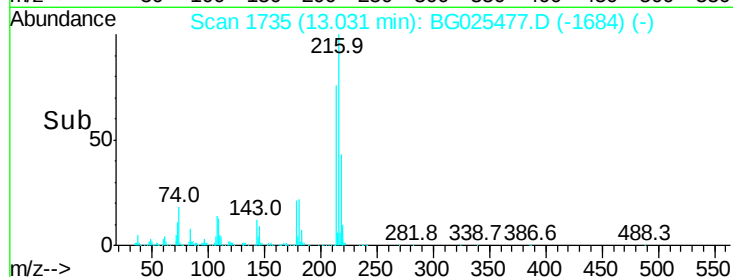
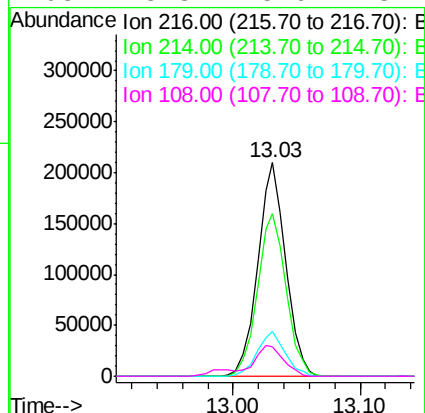
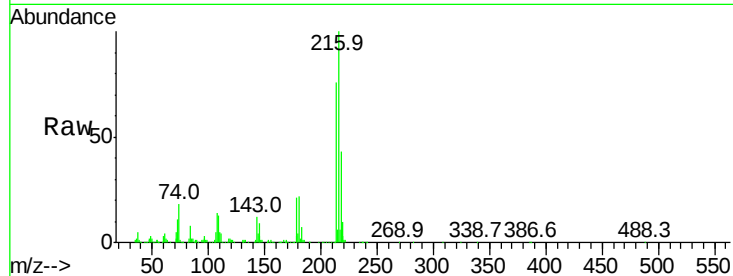
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.05 ng  
 RT: 13.03 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.4  | 64.4       | 96.6  |
| 179     | 20.9  | 17.4       | 26.0  |
| 108     | 15.3  | 15.6       | 23.4  |

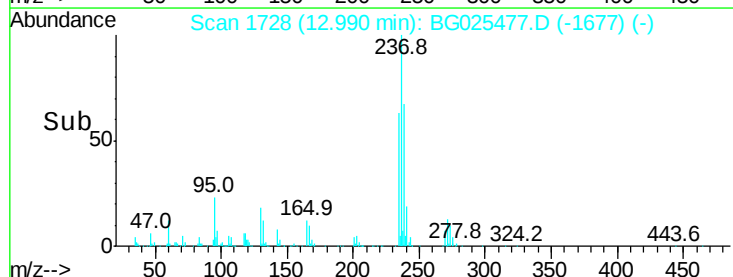
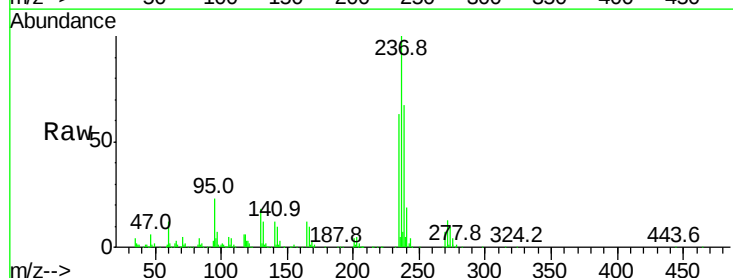
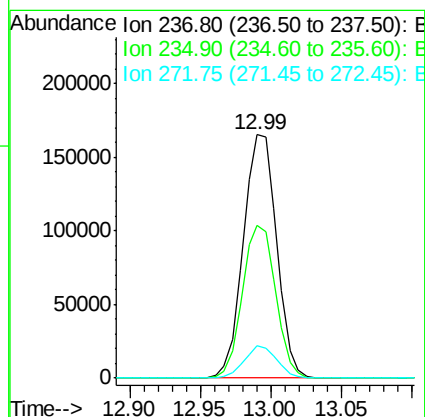
Manual Integrations  
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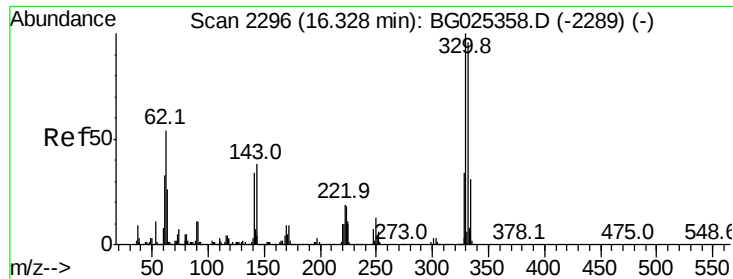
Sohil  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 104.89 ng  
 RT: 12.99 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.5  | 39.4       | 79.4  |
| 272     | 13.1  | 0.0        | 32.0  |





#41

2,4,6-Tribromophenol

Concen: 154.94 ng

RT: 16.32 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

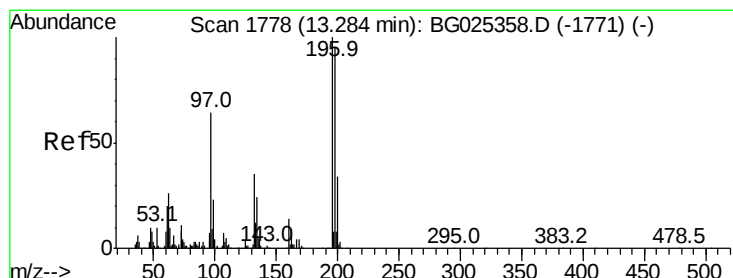
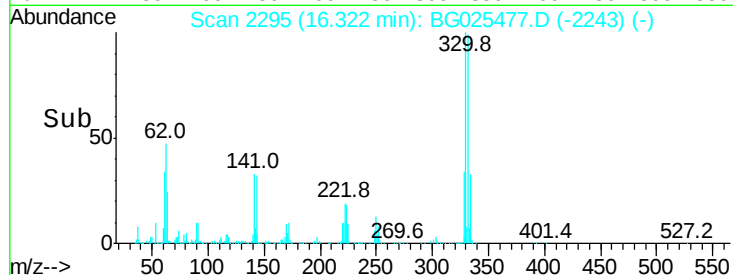
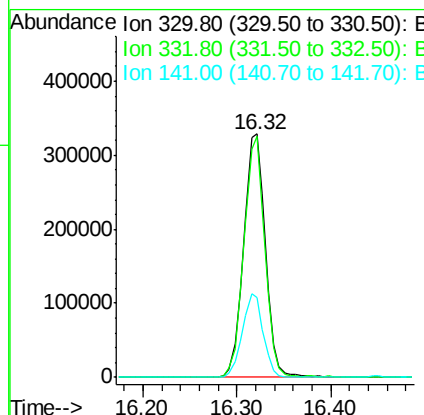
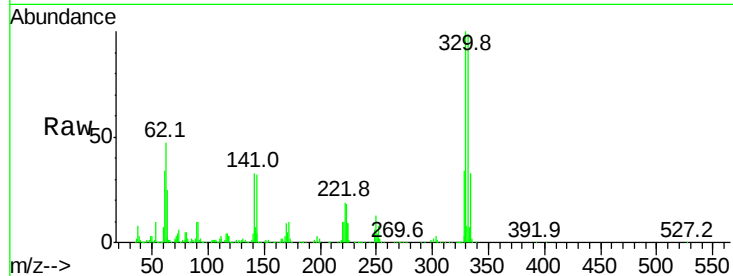
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 524282 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.8  | 77.3  | 115.9  |
| 141       | 33.0  | 32.1  | 48.1   |

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#42

2,4,6-Trichlorophenol

Concen: 48.06 ng

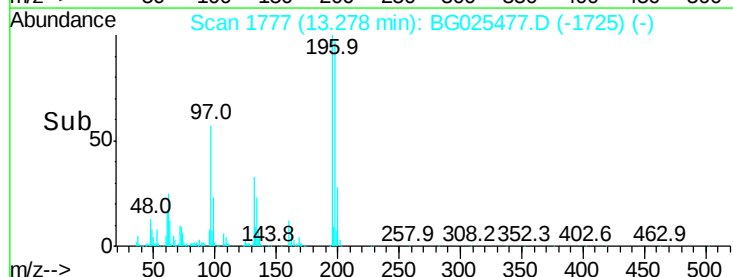
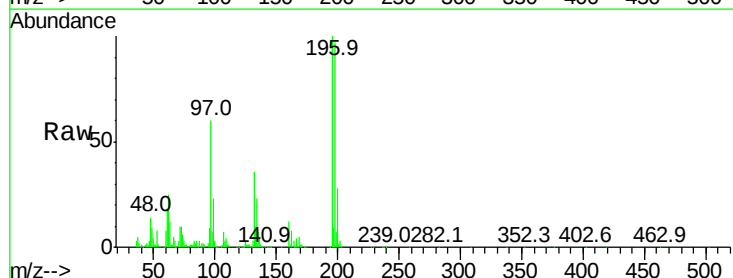
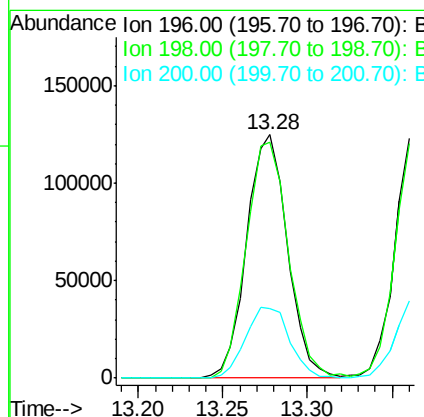
RT: 13.28 min Scan# 1777

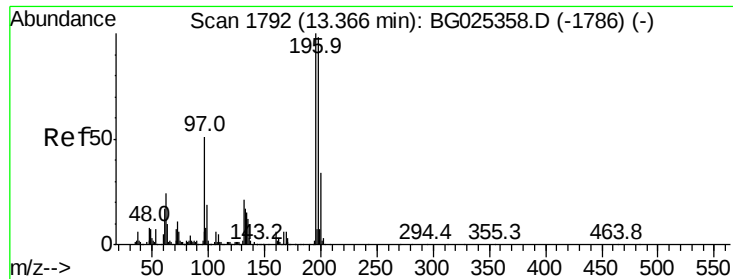
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 209993 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.1  | 81.4  | 122.2  |
| 200       | 28.3  | 27.0  | 40.6   |





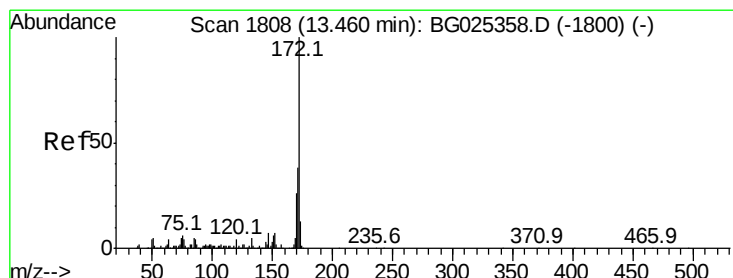
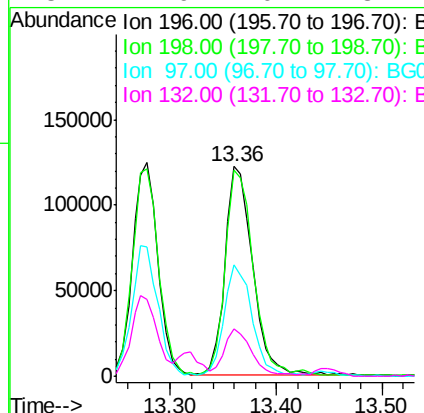
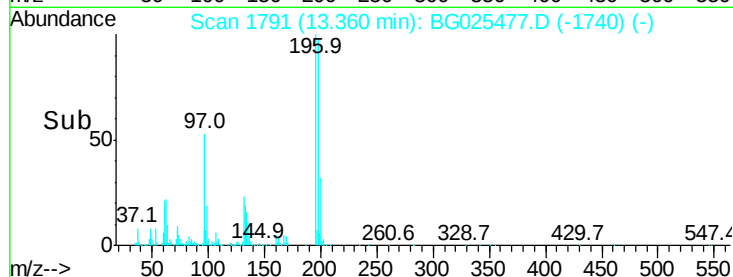
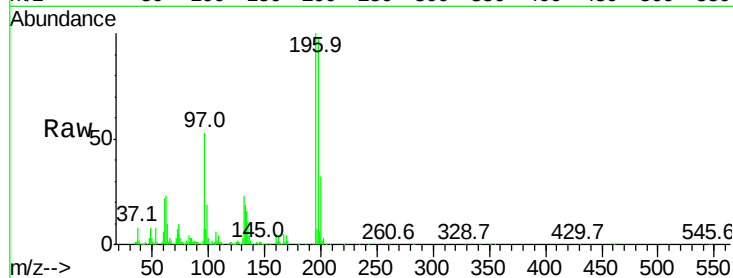
#43  
 2,4,5-Trichlorophenol  
 Concen: 48.01 ng  
 RT: 13.36 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion   | 196   | Resp  | 219597 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.0  | 79.9  | 119.9  |
| 97        | 52.8  | 45.4  | 68.0   |
| 132       | 22.9  | 20.7  | 31.1   |

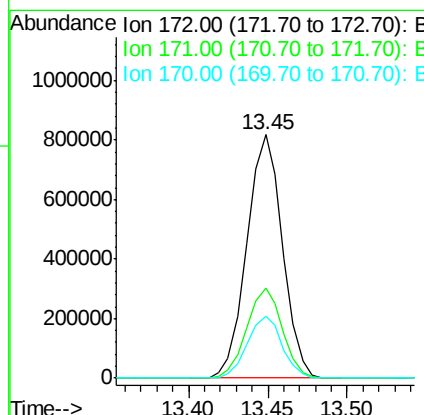
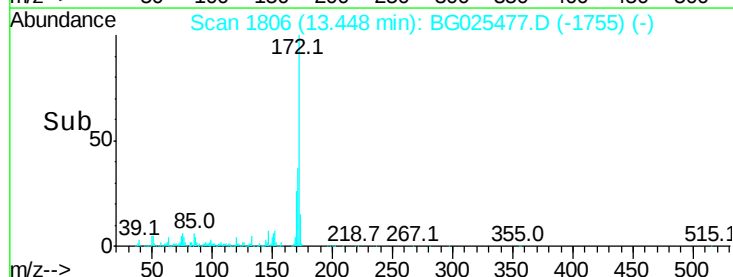
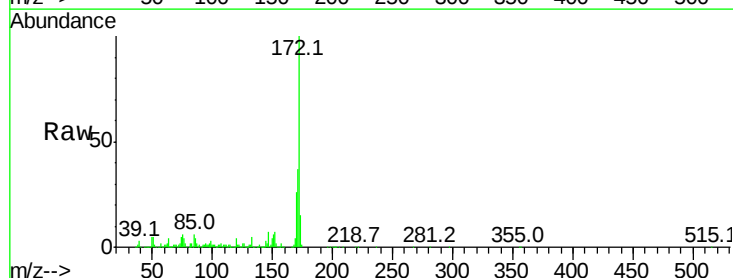
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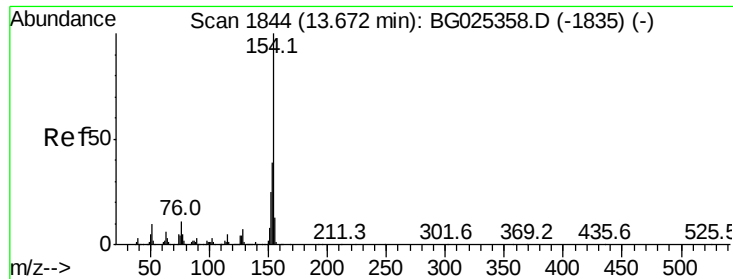
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#44  
 2-Fluorobiphenyl  
 Concen: 98.07 ng  
 RT: 13.45 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion   | 172   | Resp  | 1273258 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.9  | 32.2  | 48.2    |
| 170       | 25.5  | 21.8  | 32.6    |





#45

1,1'-Biphenyl

Concen: 45.80 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

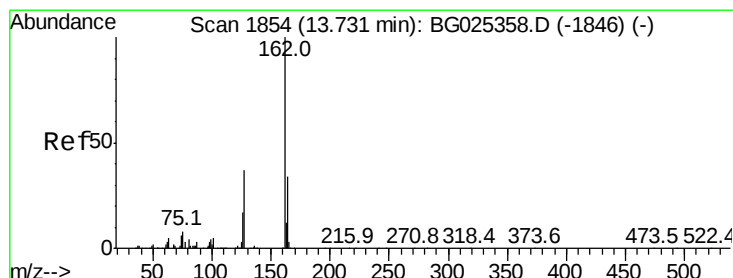
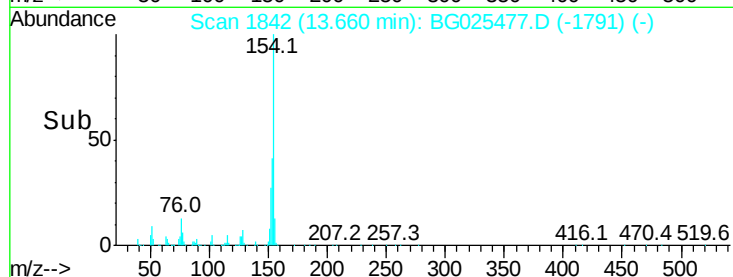
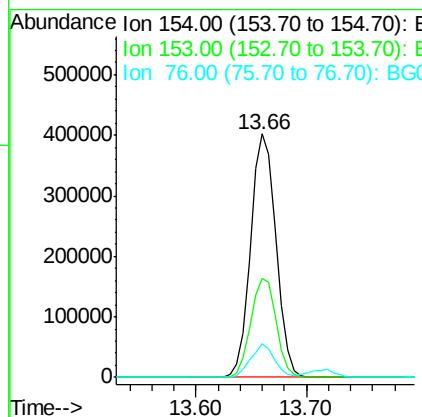
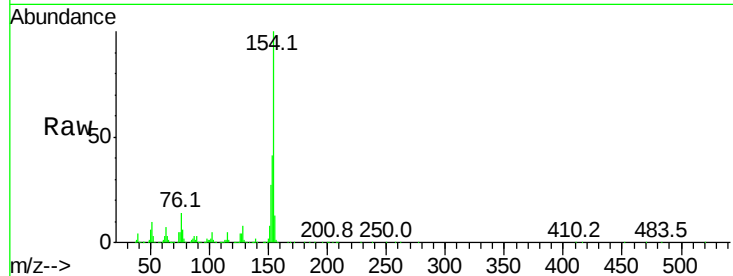
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 647519 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.6  | 23.0  | 63.0   |
| 76        | 13.7  | 0.0   | 33.5   |

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#46

2-Chloronaphthalene

Concen: 46.50 ng

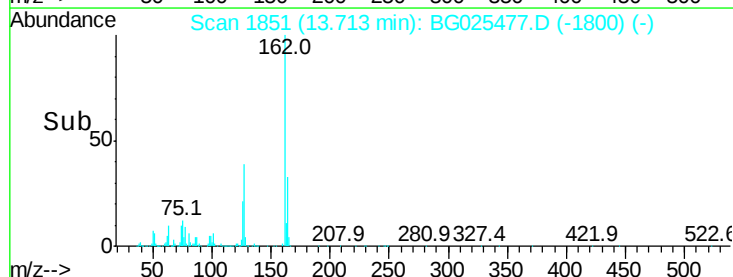
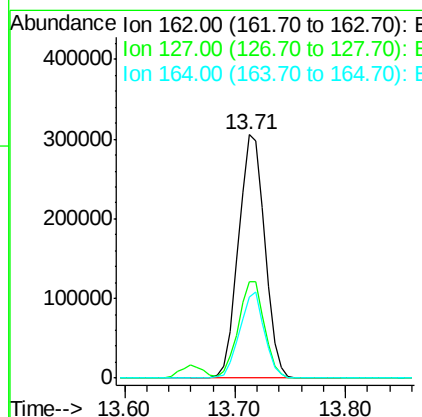
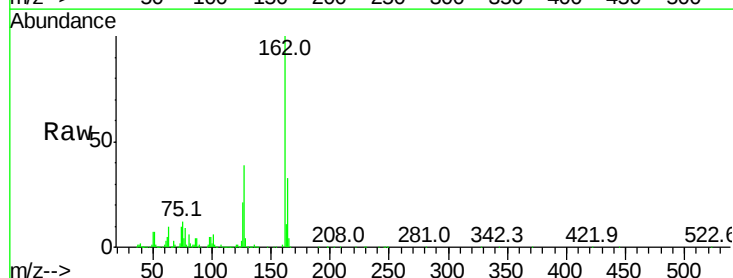
RT: 13.71 min Scan# 1851

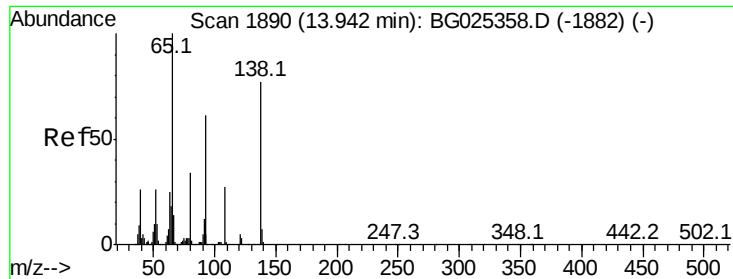
Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 513544 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.4  | 32.2  | 48.4   |
| 164       | 33.5  | 27.3  | 40.9   |





#47

2-Nitroaniline

Concen: 47.77 ng

RT: 13.93 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

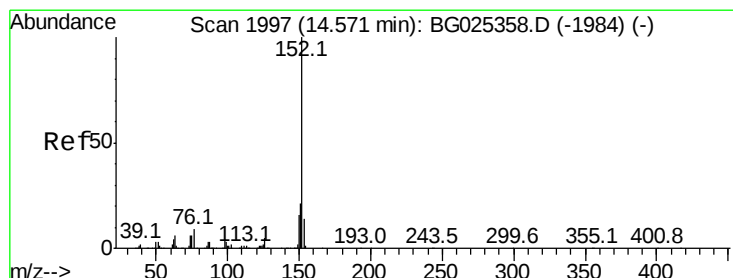
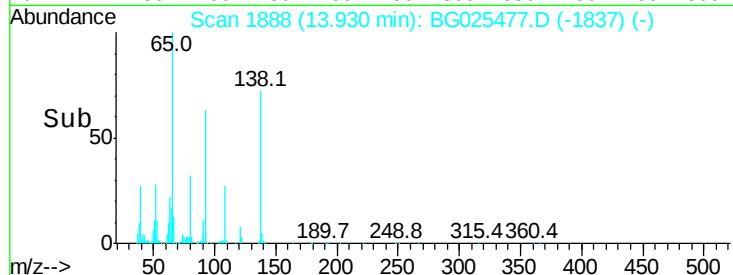
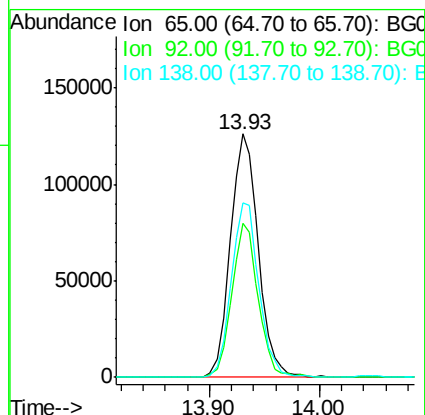
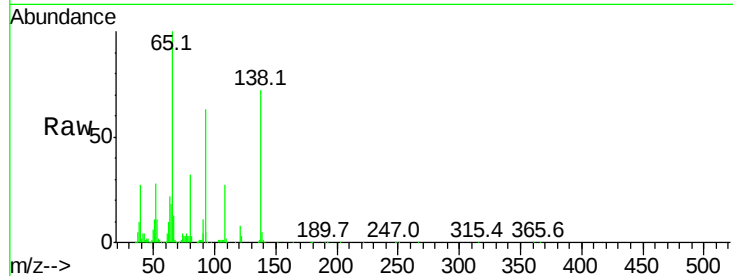
ClientSampleId :

TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.3  | 49.0  | 73.4  |
| 138     | 71.7  | 58.6  | 87.8  |

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#48

Acenaphthylene

Concen: 45.24 ng

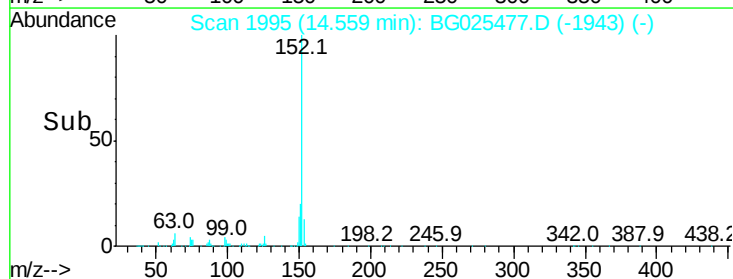
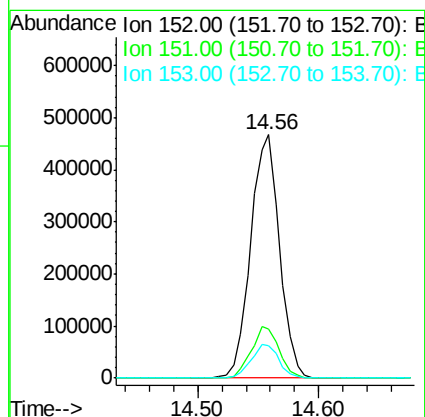
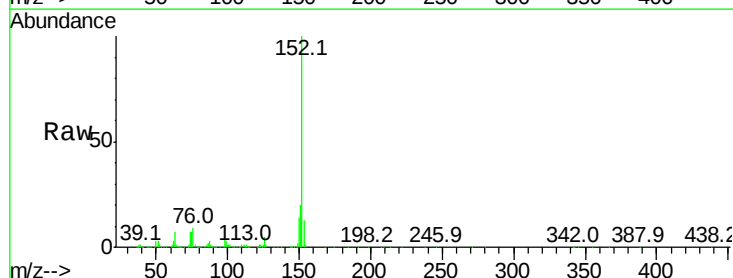
RT: 14.56 min Scan# 1995

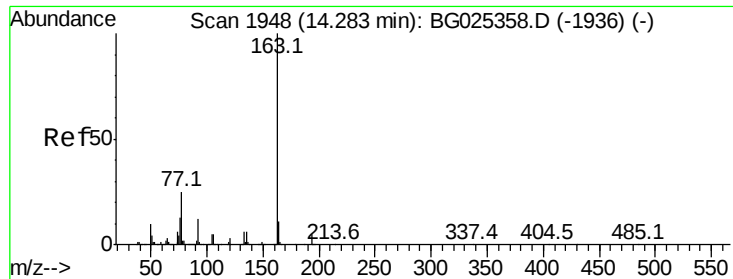
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 18.2  | 27.2  |
| 153     | 13.3  | 11.3  | 16.9  |





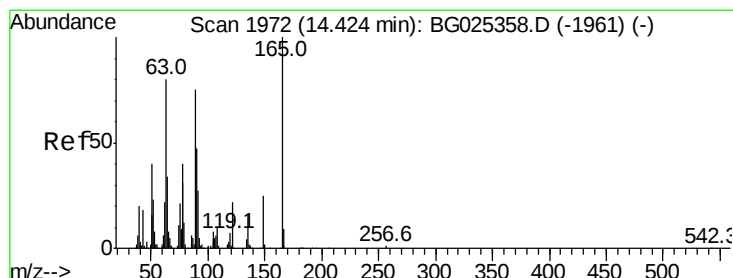
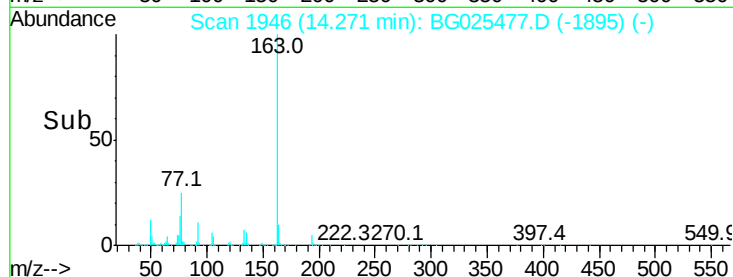
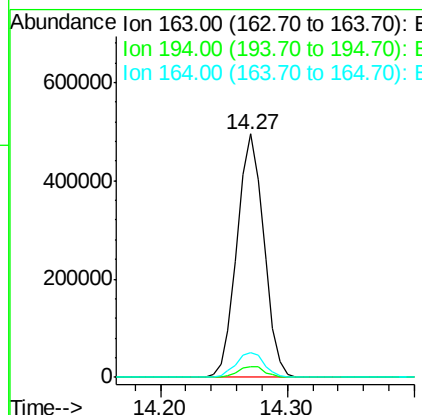
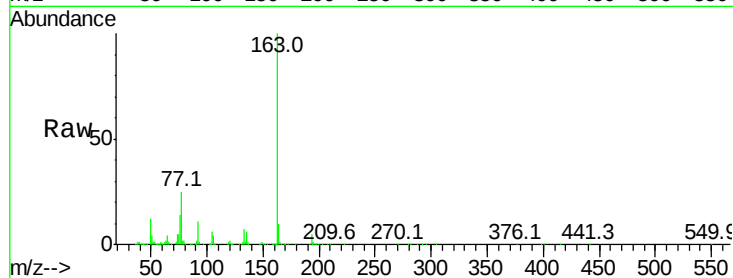
#49  
Dimethylphthalate  
Concen: 47.46 ng  
RT: 14.27 min Scan# 1946  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 727270 |       |       |
| 194     | 4.6   |        | 3.8   | 5.6   |
| 164     | 10.1  |        | 9.3   | 13.9  |

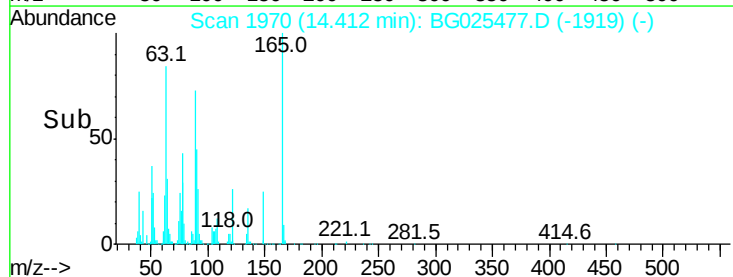
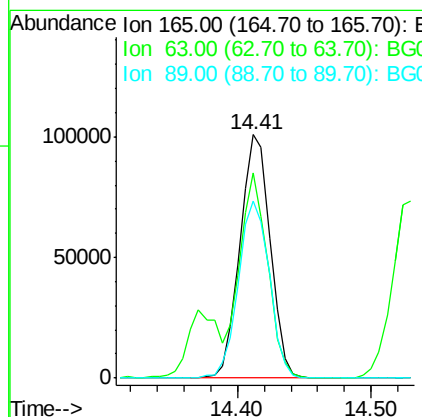
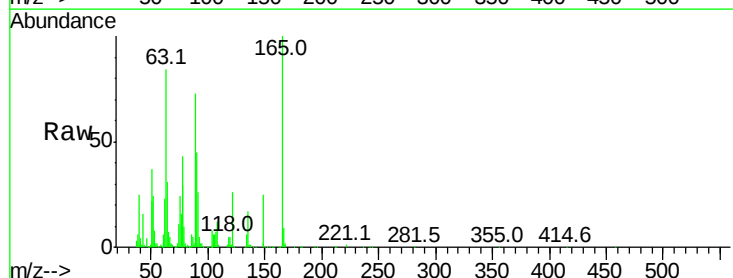
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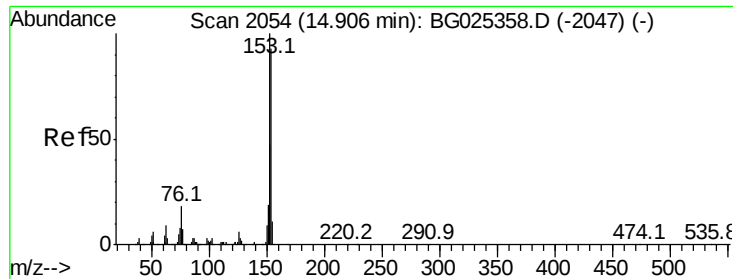
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#50  
2,6-Dinitrotoluene  
Concen: 47.12 ng  
RT: 14.41 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 157726 |       |       |
| 63      | 84.2  |        | 63.9  | 95.9  |
| 89      | 72.7  |        | 58.6  | 88.0  |





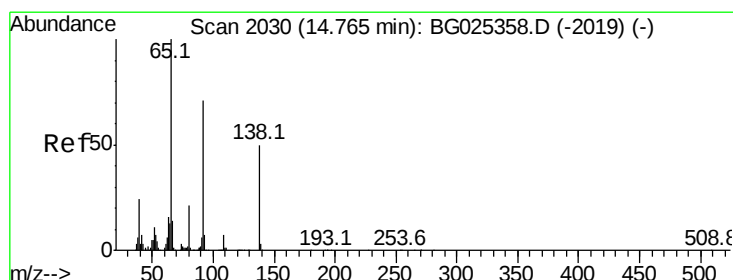
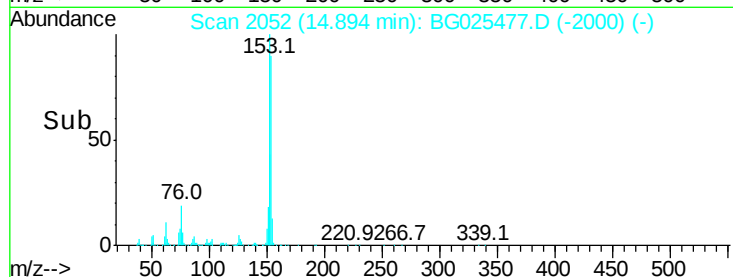
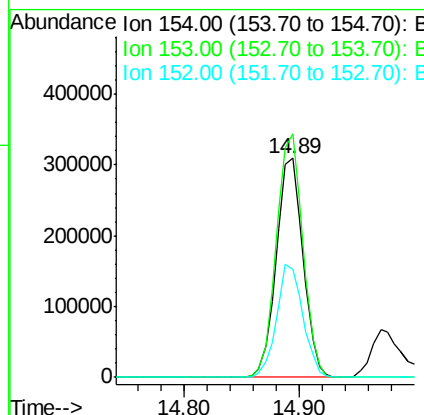
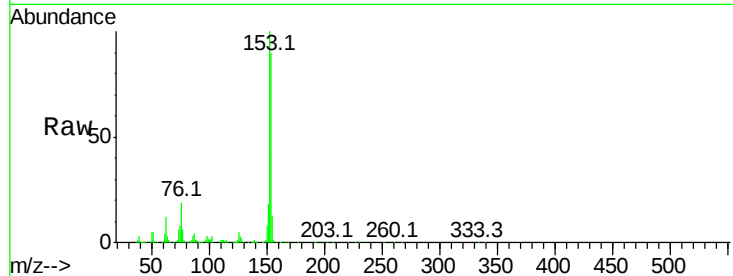
#51  
Acenaphthene  
Concen: 44.57 ng  
RT: 14.89 min Scan# 2052  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.3 | 87.8  | 131.6 |
| 152     | 49.4  | 42.2  | 63.4  |

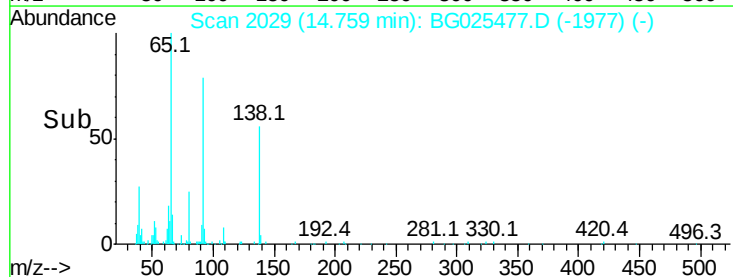
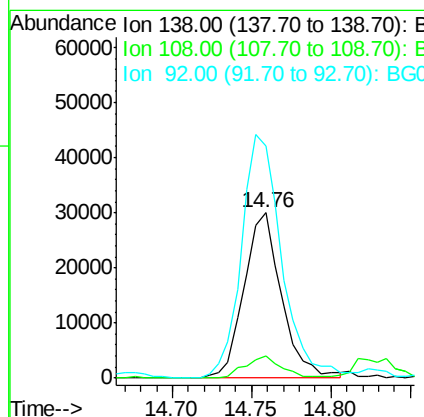
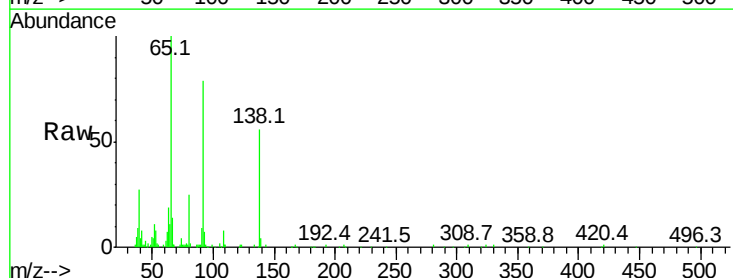
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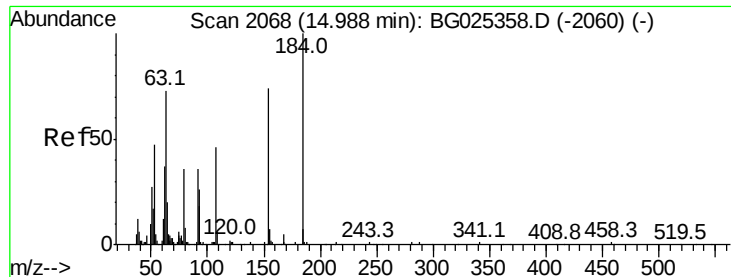
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#52  
3-Nitroaniline  
Concen: 15.32 ng  
RT: 14.76 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.4  | 10.9  | 16.3  |
| 92      | 140.4 | 115.3 | 172.9 |





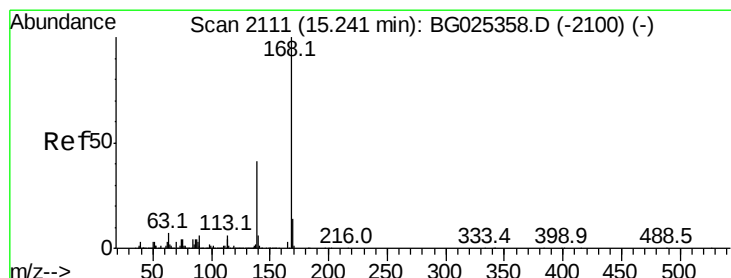
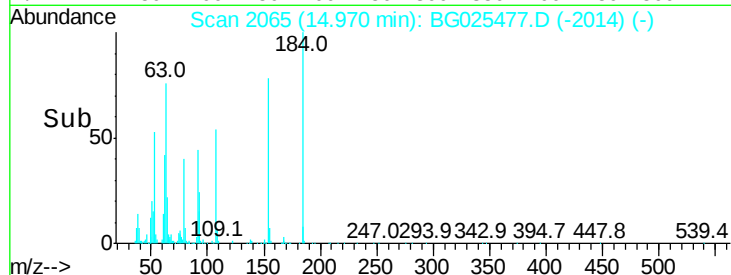
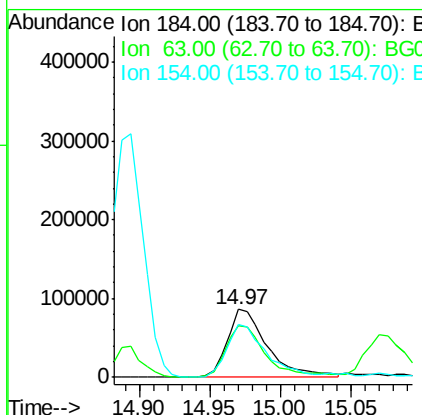
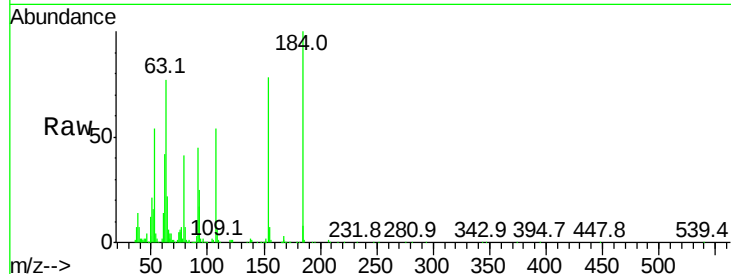
#53  
2,4-Dinitrophenol  
Concen: 77.99 ng  
RT: 14.97 min Scan# 2065  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 76.6  | 52.7  | 79.1  |
| 154     | 78.4  | 57.3  | 85.9  |

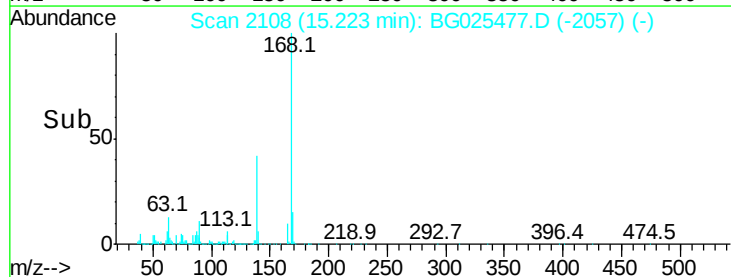
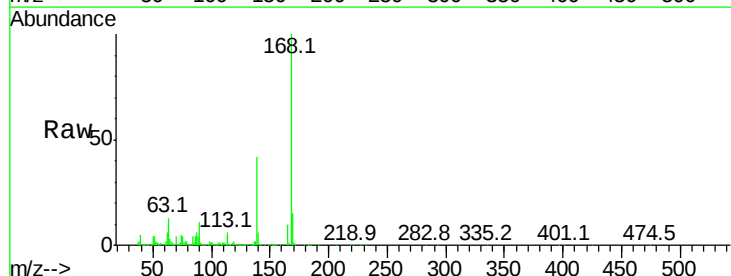
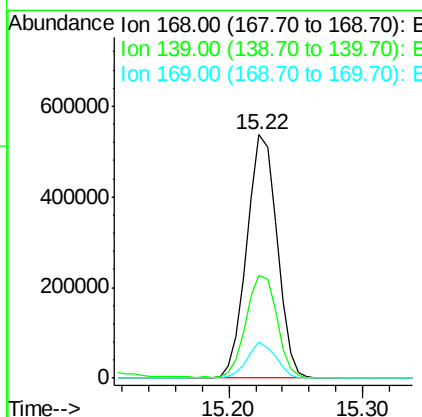
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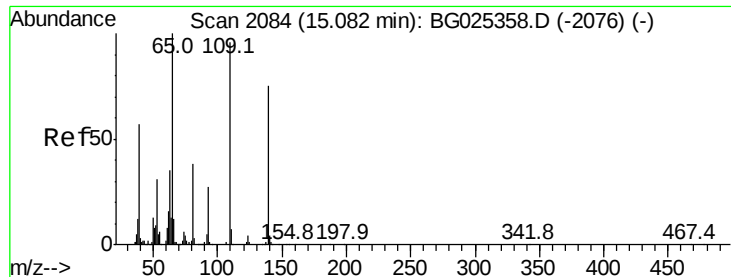
Sohil  
1/12/2017 8:31:14 AM



#54  
Dibenzofuran  
Concen: 47.26 ng  
RT: 15.22 min Scan# 2108  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.5  | 35.3  | 52.9  |
| 169     | 14.7  | 11.5  | 17.3  |





#55

4-Nitrophenol

Concen: 91.47 ng

RT: 15.08 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

ClientSampleId :

TP3-COMP13MSD

Tot Ion:139 Resp: 219846

Ion Ratio Lower Upper

139 100

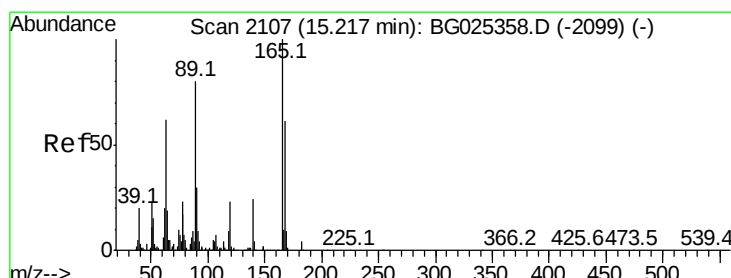
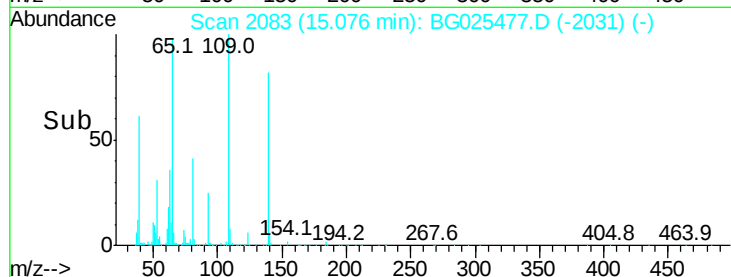
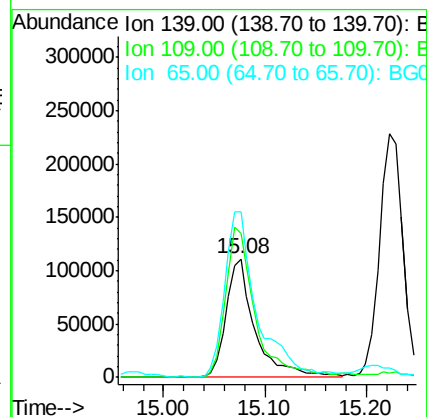
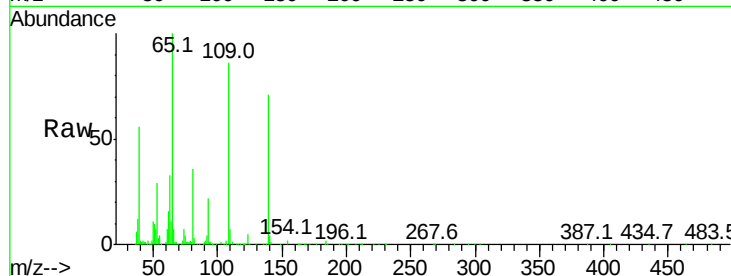
109 121.0 101.2 141.2

65 140.1 135.3 175.3

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#56

2,4-Dinitrotoluene

Concen: 48.43 ng

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Tgt Ion:165 Resp: 236055

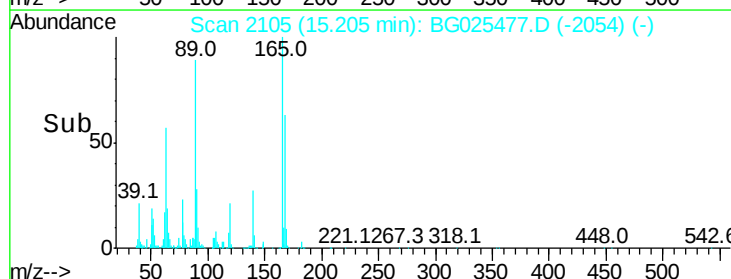
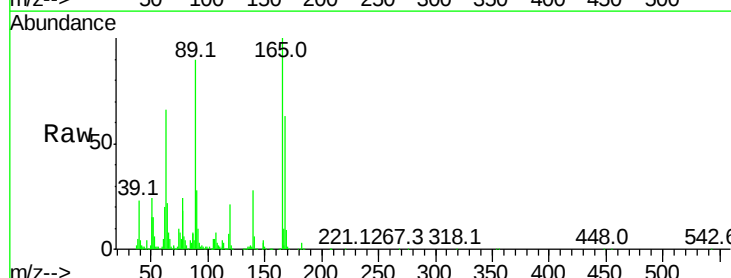
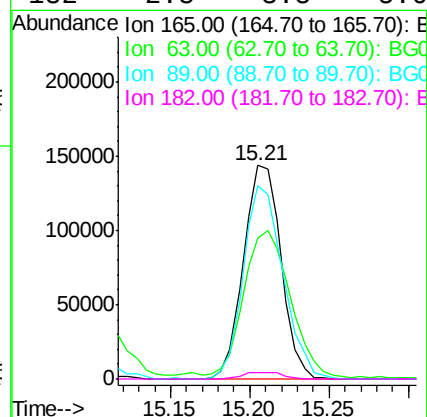
Ion Ratio Lower Upper

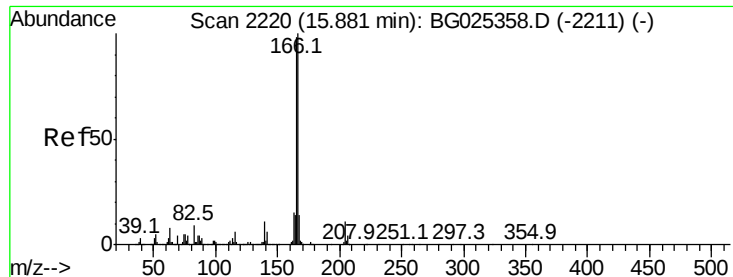
165 100

63 66.2 44.0 66.0#

89 90.5 67.3 100.9

182 2.8 3.8 5.6#





#57

Fluorene

Concen: 46.74 ng

RT: 15.87 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

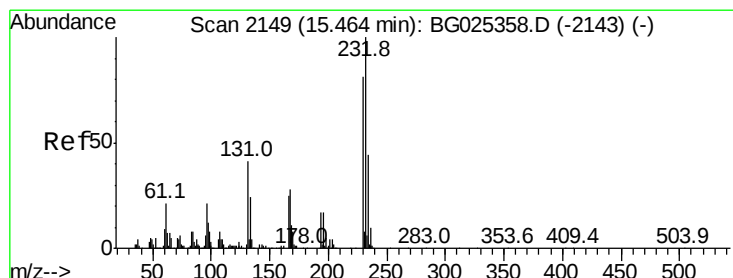
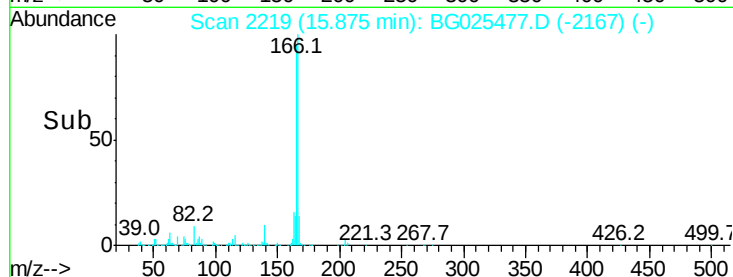
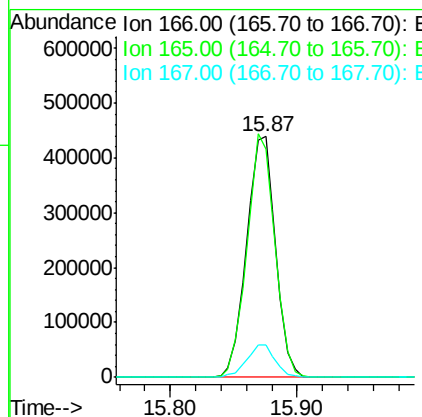
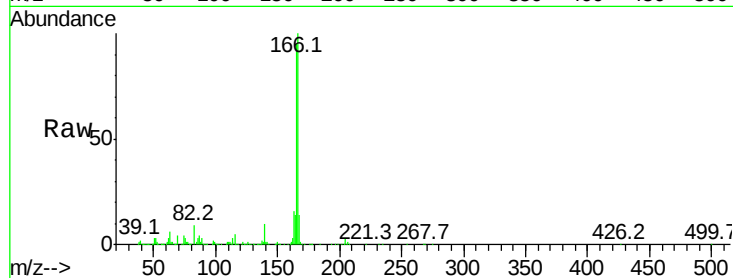
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 692612 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 94.7  | 78.6  | 117.8  |
| 167       | 13.7  | 11.6  | 17.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.21 ng

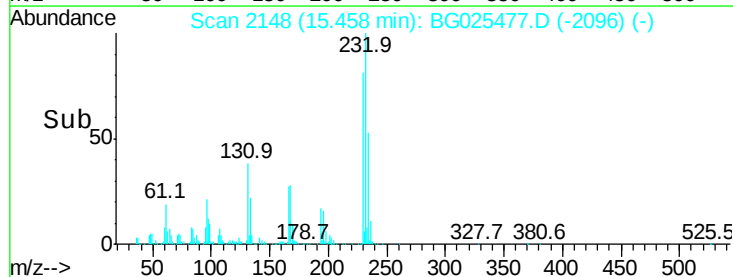
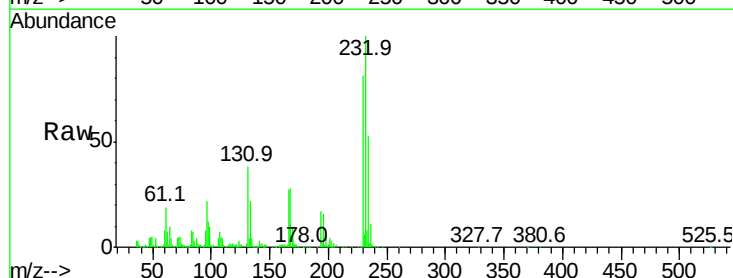
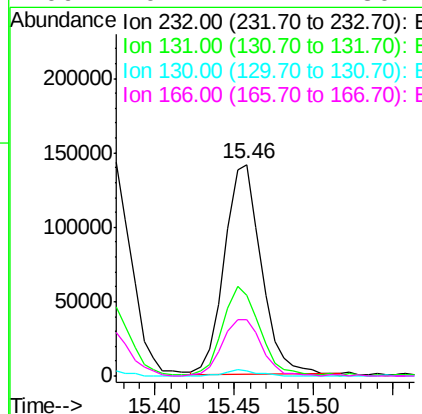
RT: 15.46 min Scan# 2148

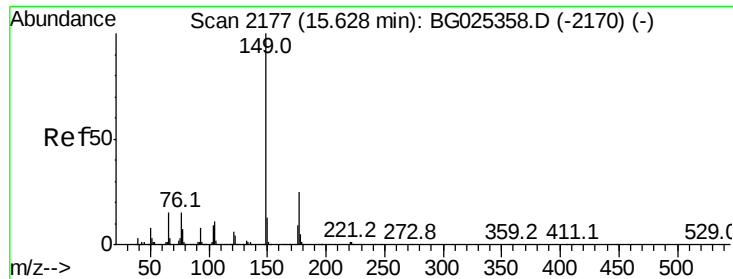
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 226389 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 43.4  | 34.9  | 52.3   |
| 130       | 2.4   | 2.3   | 3.5    |
| 166       | 29.7  | 24.2  | 36.4   |





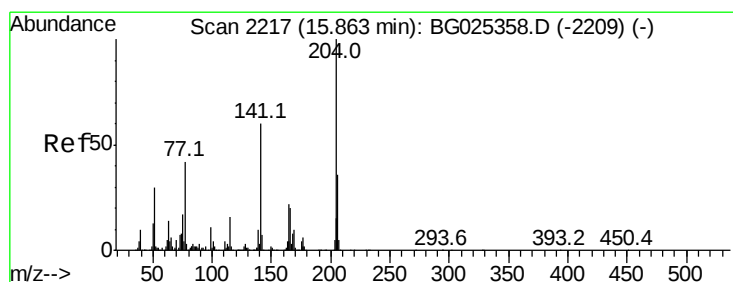
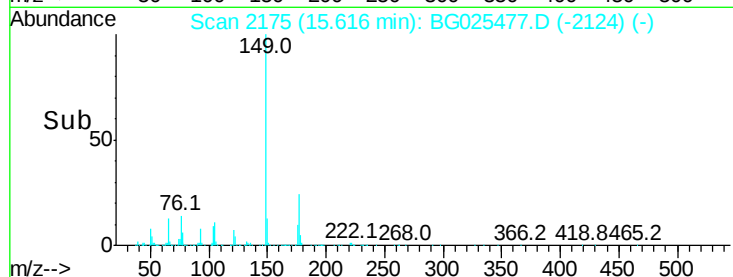
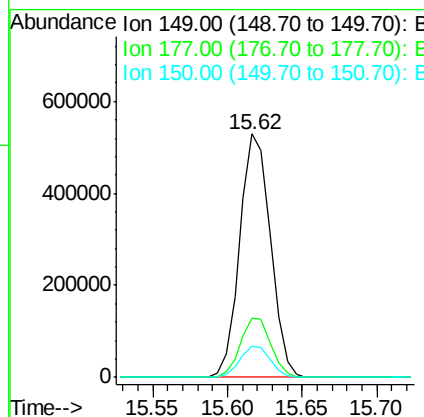
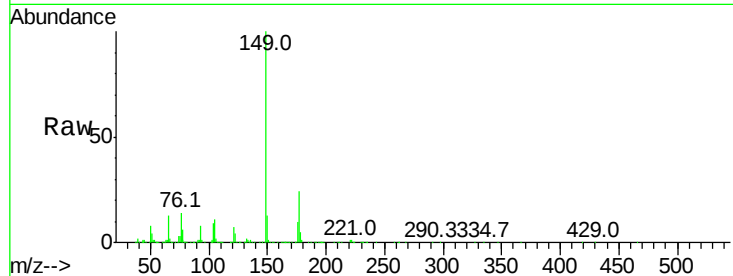
#59  
Diethylphthalate  
Concen: 47.03 ng  
RT: 15.62 min Scan# 2175  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.4  | 20.1       | 30.1       |
| 150     | 13.0  | 10.2       | 15.2       |

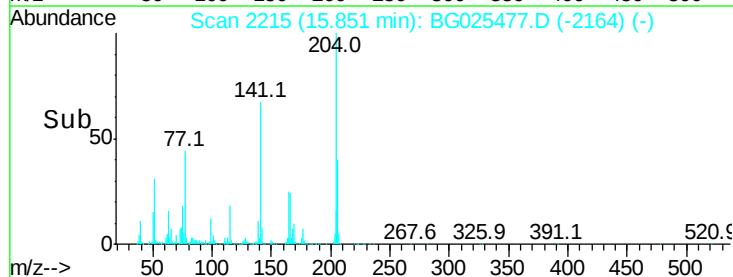
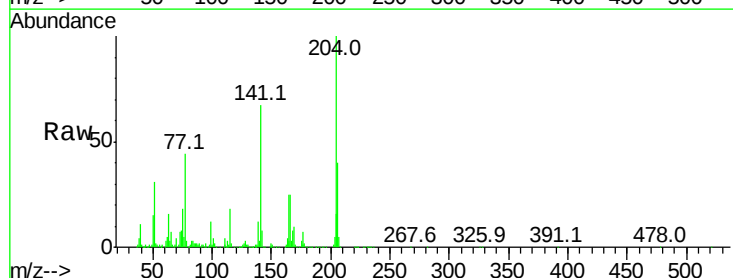
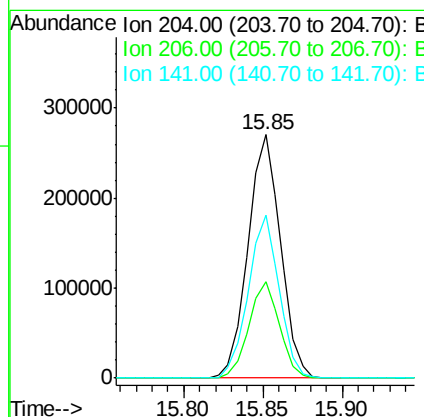
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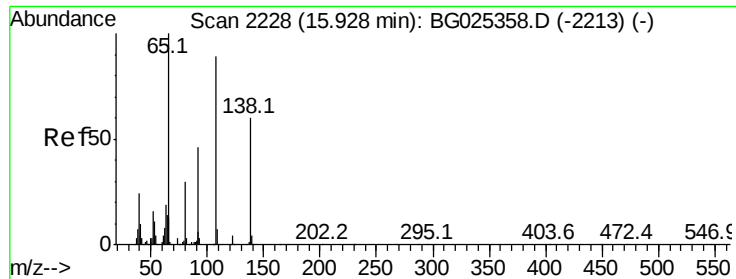
Sohil  
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#60  
4-Chlorophenyl-phenylether  
Concen: 45.72 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 39.8  | 30.1       | 45.1       |
| 141     | 67.0  | 50.6       | 76.0       |





#61

4-Nitroaniline

Concen: 42.06 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

ClientSampleId :

TP3-COMP13MSD

Tot Ion:138 Resp: 136185

Ion Ratio Lower Upper

138 100

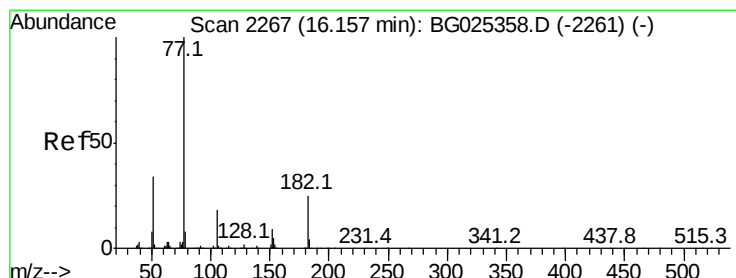
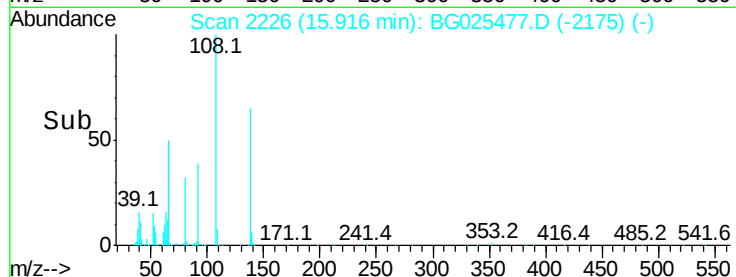
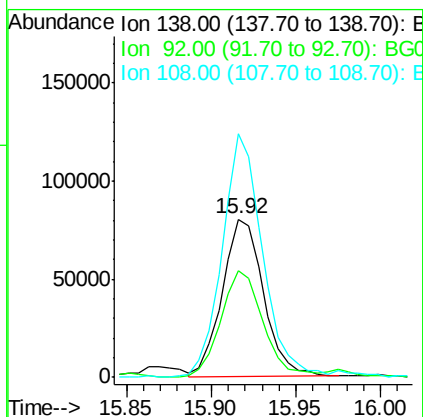
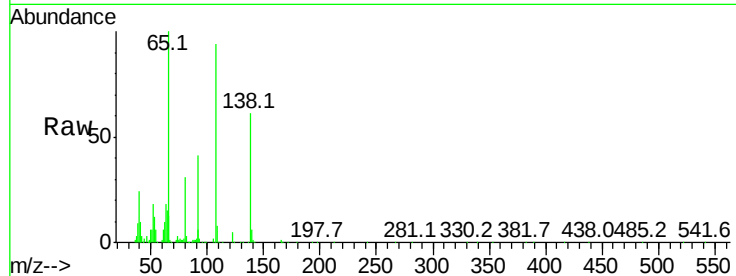
92 67.1 44.2 84.2

108 154.0 104.8 144.8#

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#62

Azobenzene

Concen: 51.02 ng

RT: 16.15 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Tgt Ion: 77 Resp: 790633

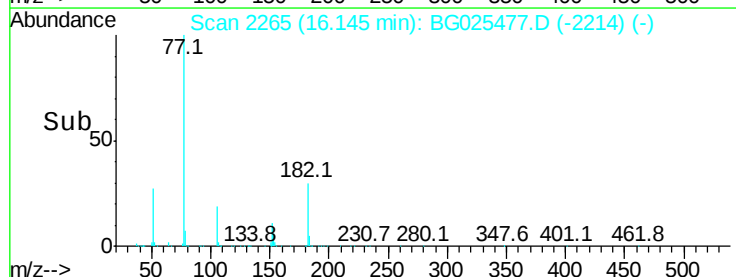
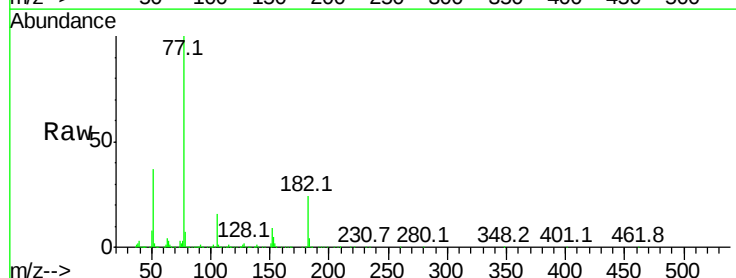
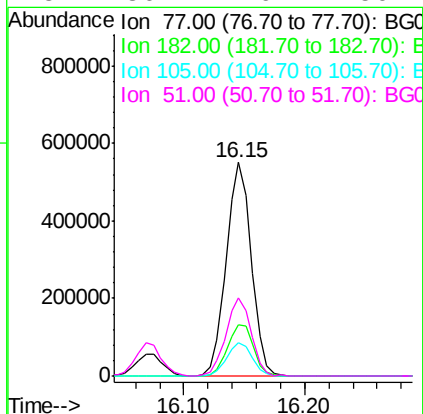
Ion Ratio Lower Upper

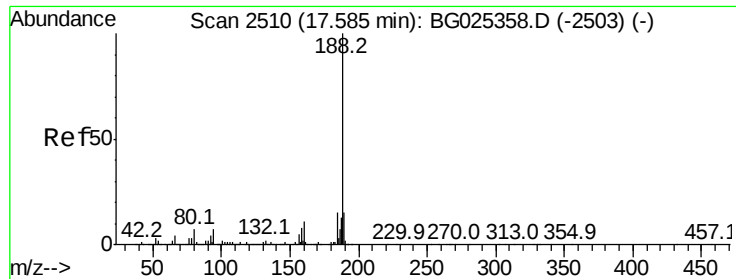
77 100

182 23.9 4.7 44.7

105 15.8 0.0 36.3

51 36.7 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

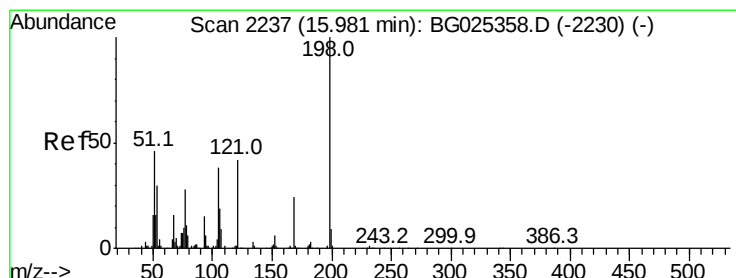
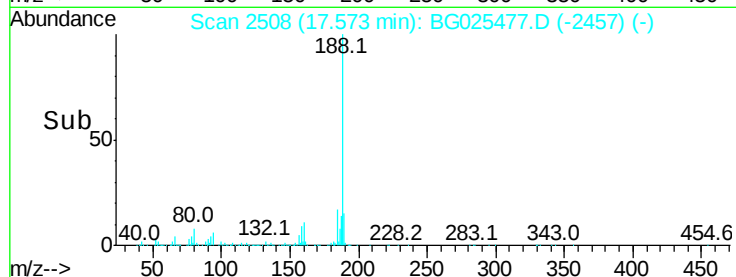
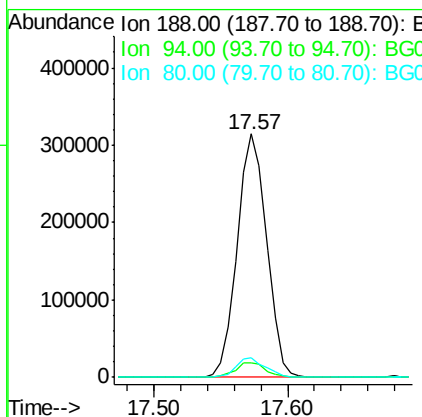
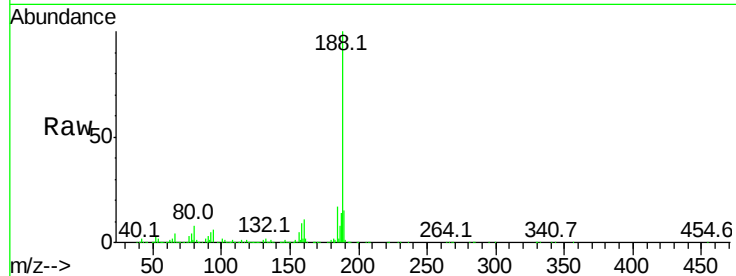
ClientSampleId :

TP3-COMP13MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 480593 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.2   | 5.8   | 8.8    |
| 80        | 7.9   | 7.5   | 11.3   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.55 ng

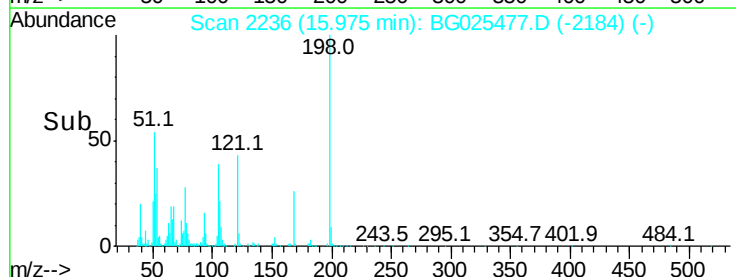
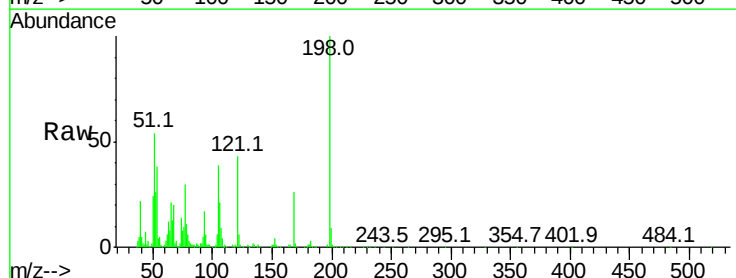
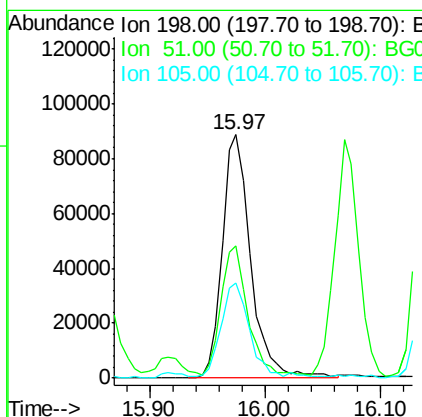
RT: 15.97 min Scan# 2236

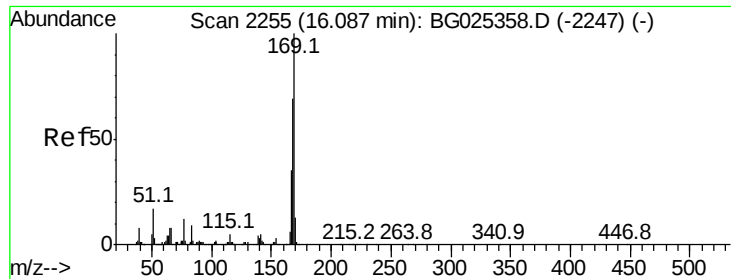
Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 151587 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 54.5  | 22.6  | 62.6   |
| 105       | 39.1  | 14.4  | 54.4   |





#65

n-Nitrosodiphenylamine

Concen: 49.43 ng

RT: 16.07 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

ClientSampleId :

TP3-COMP13MSD

Tot Ion:169 Resp: 642142

Ion Ratio Lower Upper

169 100

168 67.7 55.7 83.5

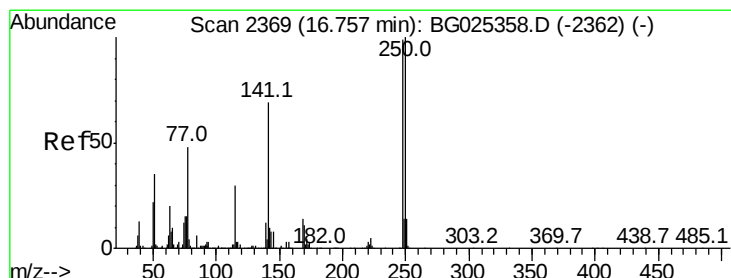
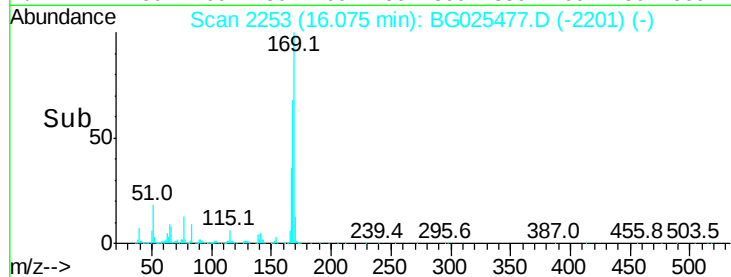
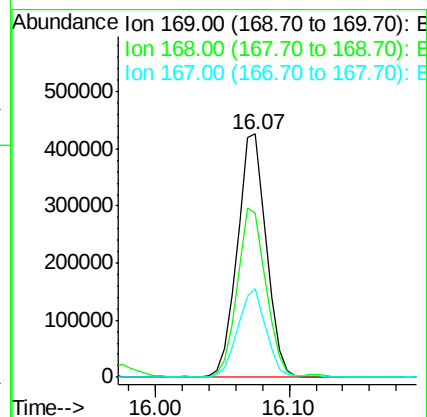
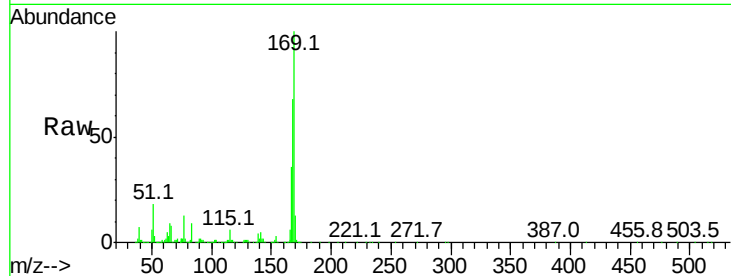
167 36.5 29.8 44.6

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#66

4-Bromophenyl-phenylether

Concen: 47.69 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

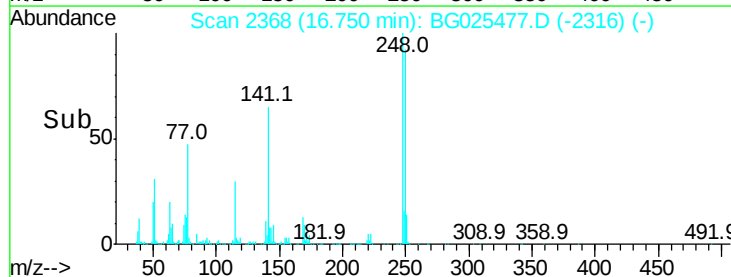
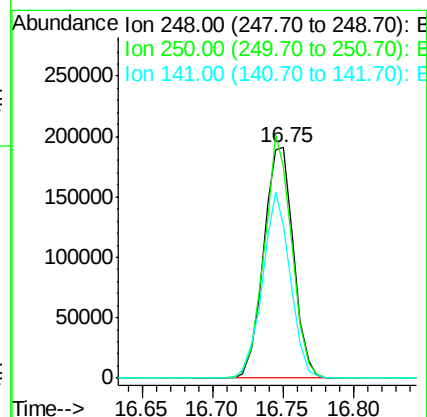
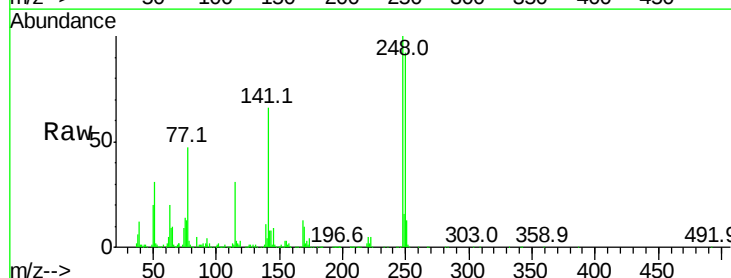
Tgt Ion:248 Resp: 282738

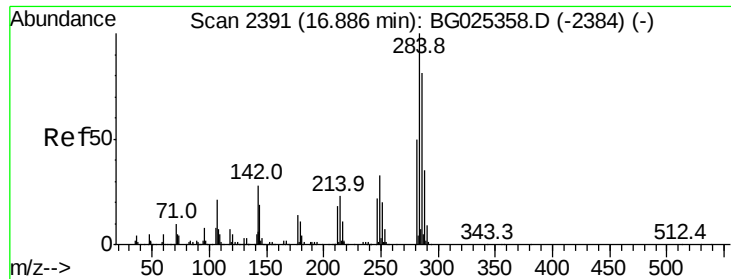
Ion Ratio Lower Upper

248 100

250 91.6 75.0 112.6

141 66.1 55.2 82.8





#67

Hexachlorobenzene

Concen: 47.46 ng

RT: 16.87 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

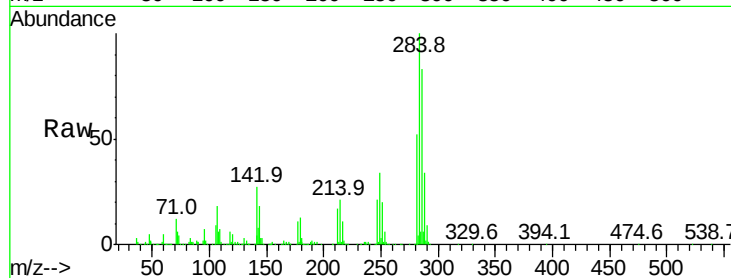
ClientSampleId :

TP3-COMP13MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 27.3  | 29.9 | 44.9# |       |
| 249     | 33.8  | 29.2 | 43.8  |       |

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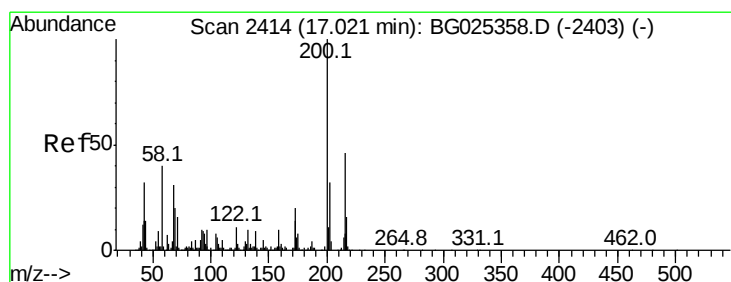
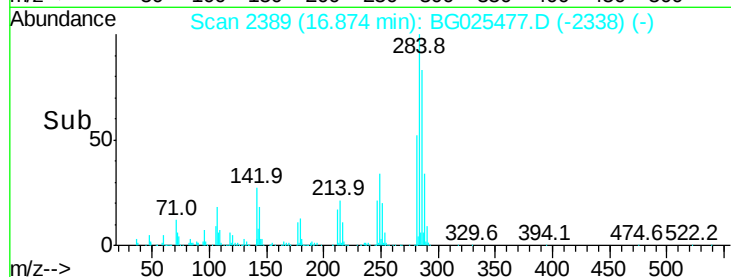
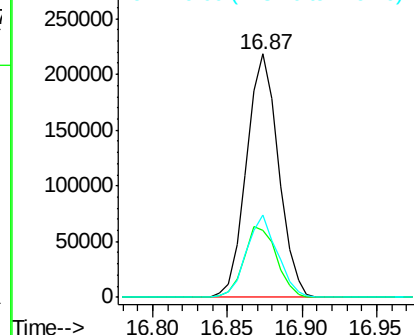


Abundance

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: 50.71 ng

RT: 17.01 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

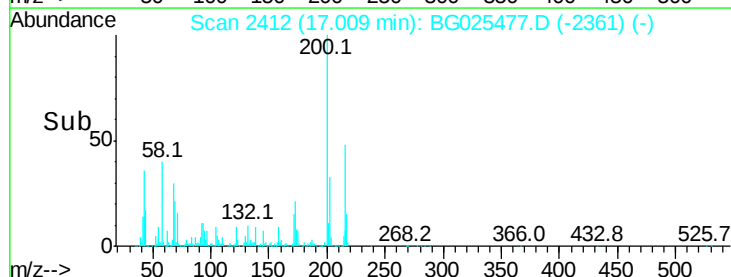
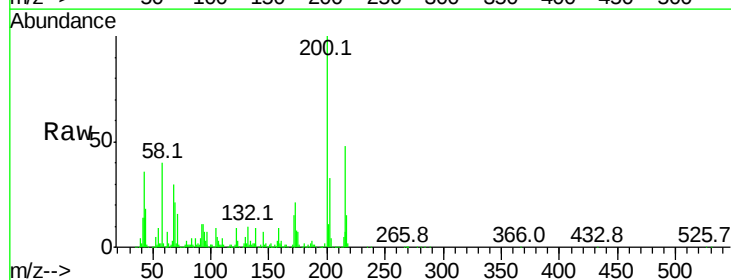
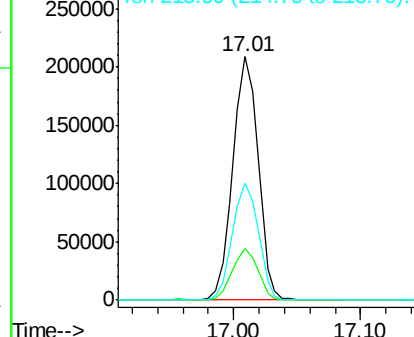
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 21.4  | 3.0  | 43.0  |       |
| 215     | 48.0  | 28.4 | 68.4  |       |

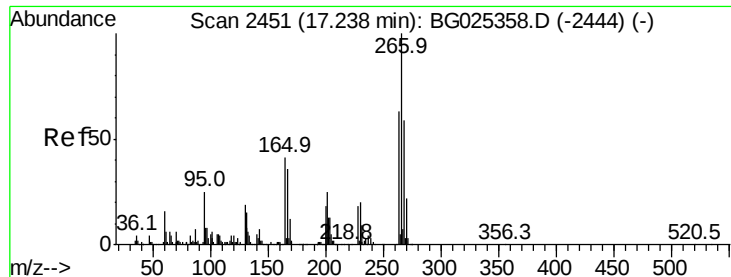
Abundance

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





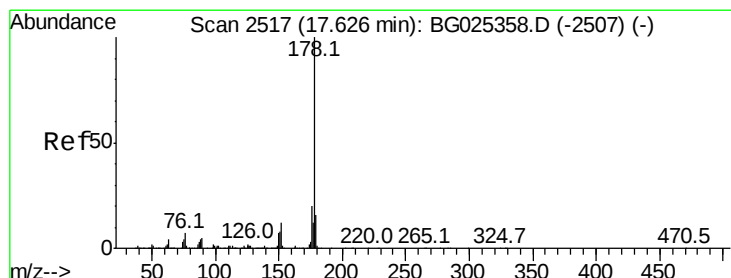
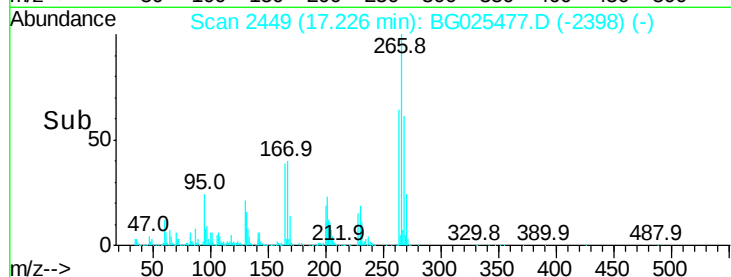
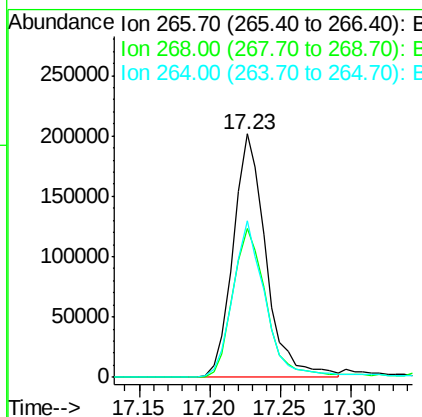
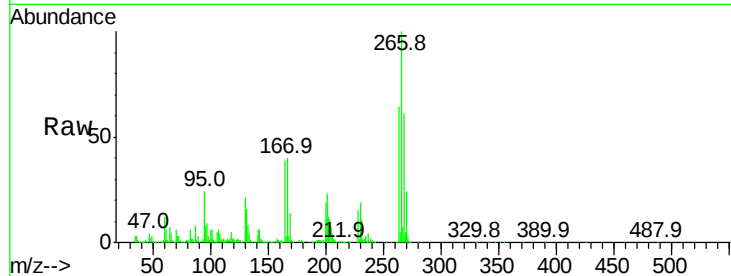
#69  
 Pentachlorophenol  
 Concen: 92.43 ng  
 RT: 17.23 min Scan# 2449  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.1  | 48.6  | 72.8  |
| 264     | 64.1  | 50.1  | 75.1  |

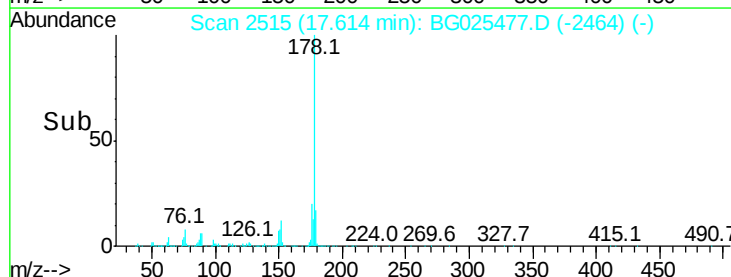
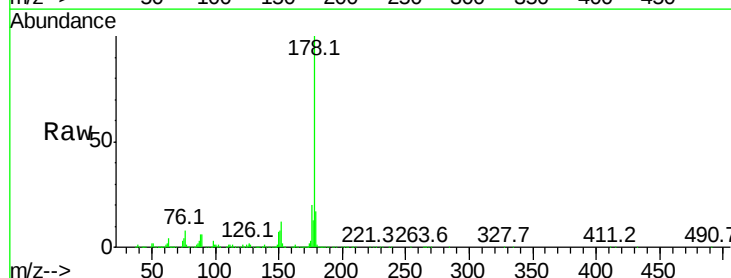
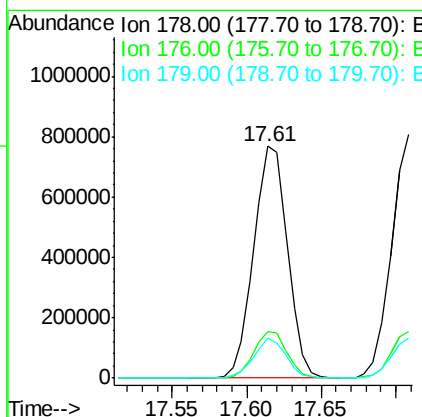
Manual Integrations  
 APPROVED

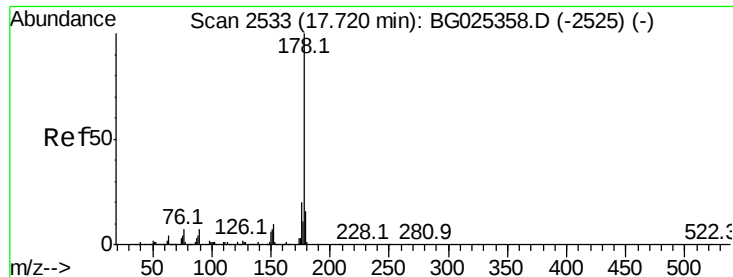
Sohil  
 1/12/2017 8:31:14 AM



#70  
 Phenanthrene  
 Concen: 48.43 ng  
 RT: 17.61 min Scan# 2515  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 17.7  | 26.5  |
| 179     | 17.1  | 15.0  | 22.6  |





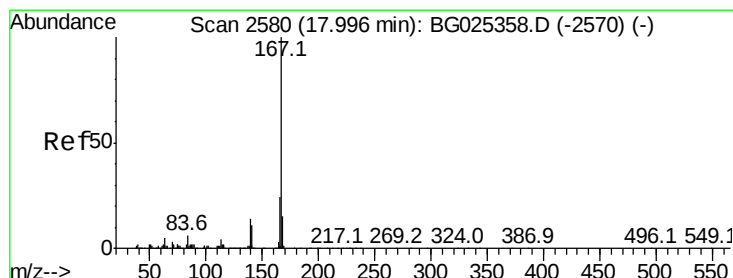
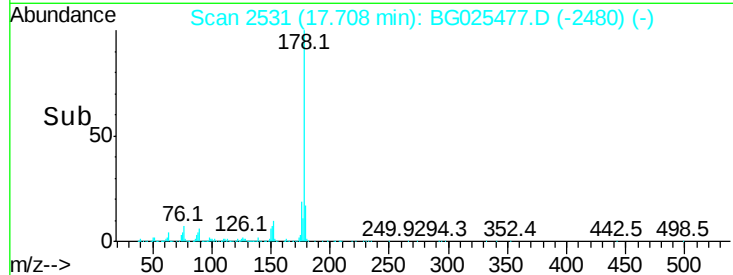
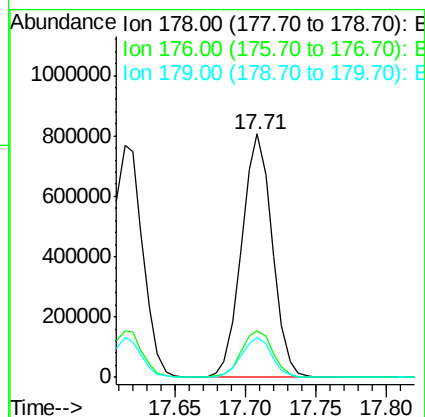
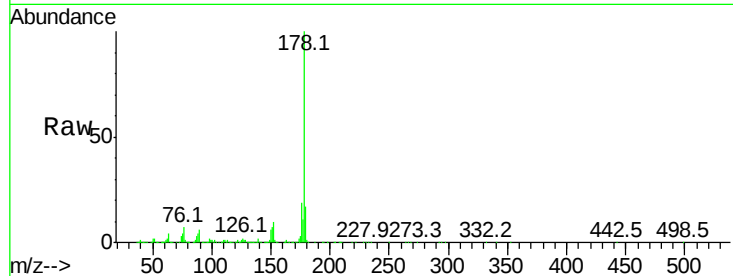
#71  
 Anthracene  
 Concen: 48.57 ng  
 RT: 17.71 min Scan# 2531  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.4  | 24.6  |
| 179     | 16.7  | 13.8  | 20.8  |

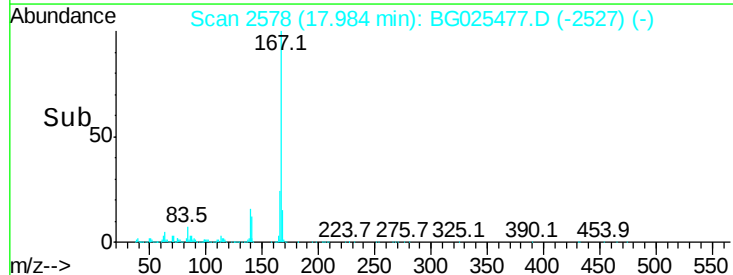
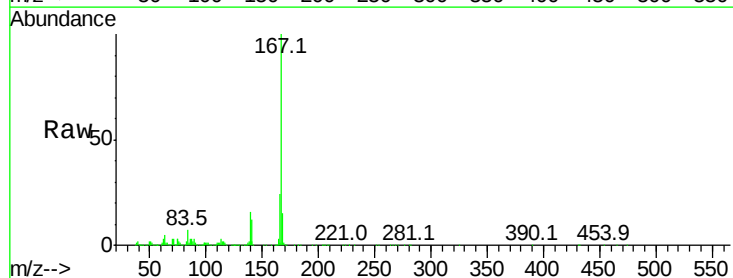
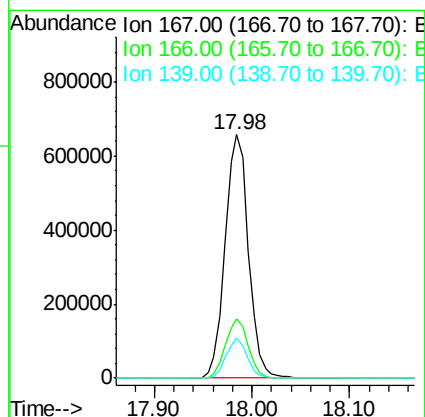
Manual Integrations  
 APPROVED

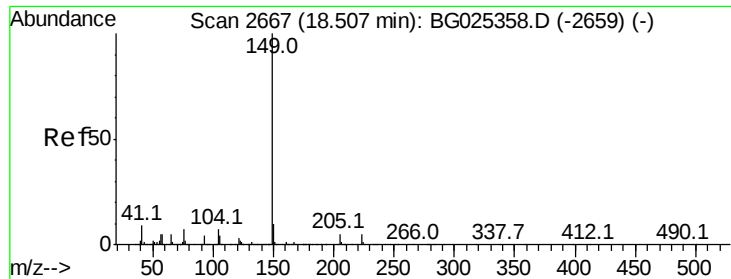
Sohil  
 1/12/2017 8:31:14 AM



#72  
 Carbazole  
 Concen: 48.39 ng  
 RT: 17.98 min Scan# 2578  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.4  | 20.2  | 30.2  |
| 139     | 16.3  | 12.8  | 19.2  |





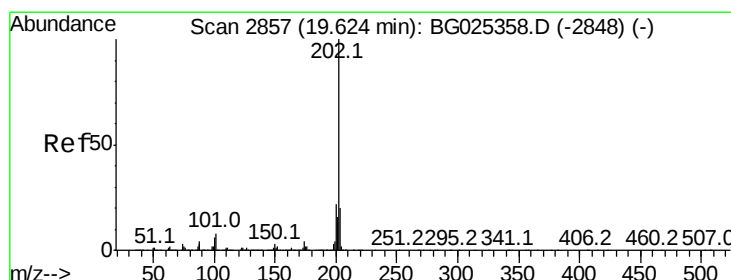
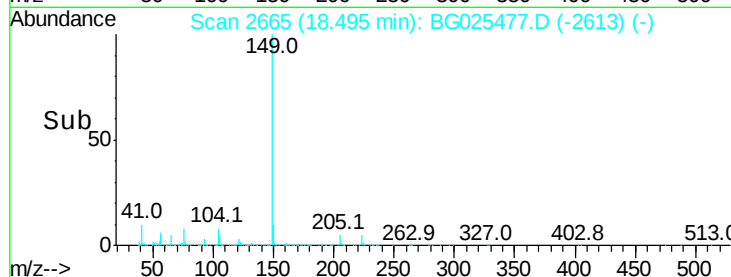
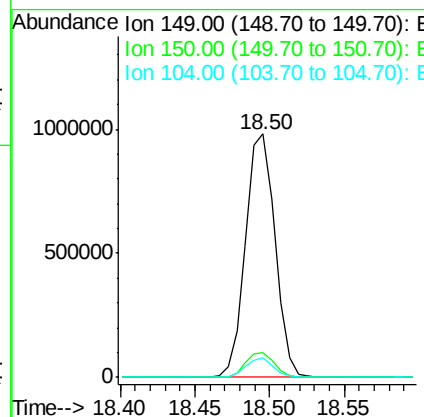
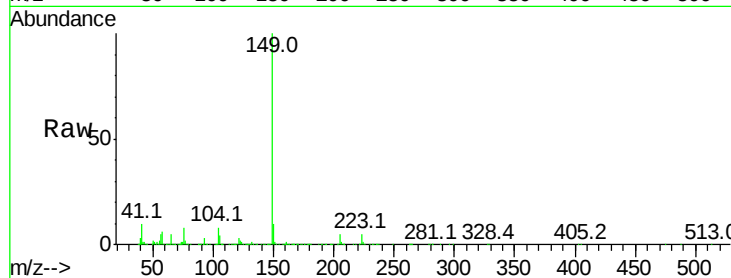
#73  
Di-n-butylphthalate  
Concen: 48.40 ng  
RT: 18.50 min Scan# 2665  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

Tot Ion:149 Resp: 1340368  
Ion Ratio Lower Upper  
149 100  
150 10.0 9.1 13.7  
104 8.0 6.7 10.1

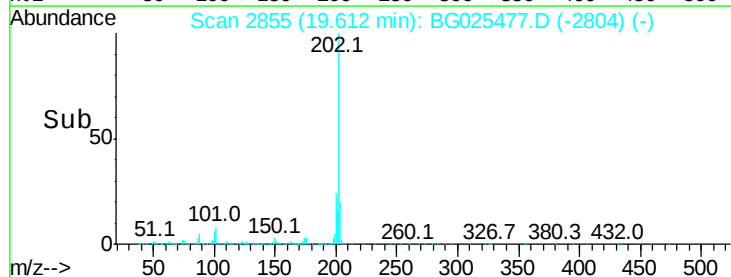
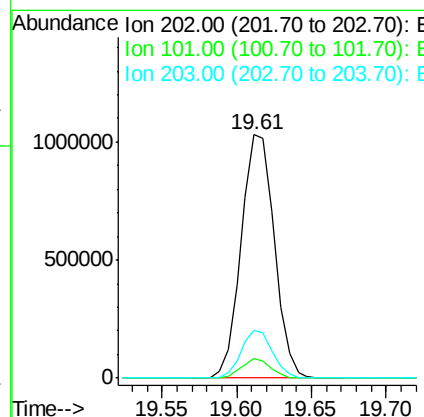
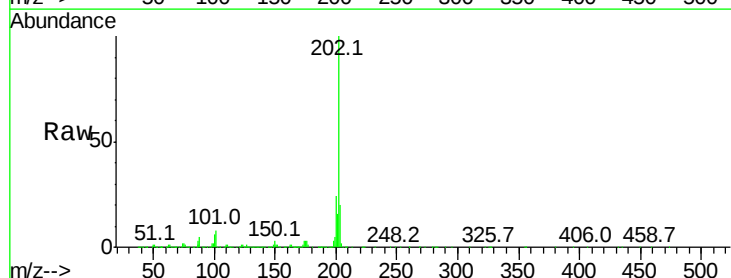
Manual Integrations  
APPROVED

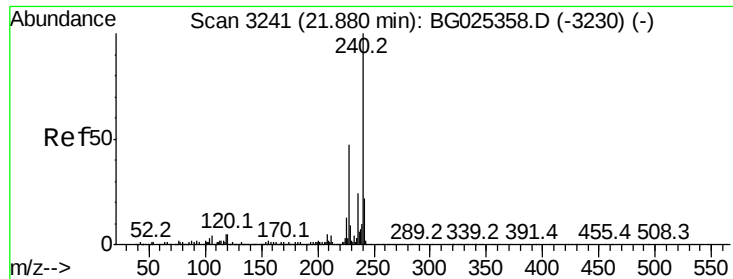
Sohil  
1/12/2017 8:31:14 AM



#74  
Fluoranthene  
Concen: 48.55 ng  
RT: 19.61 min Scan# 2855  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Tgt Ion:202 Resp: 1588324  
Ion Ratio Lower Upper  
202 100  
101 8.1 0.0 30.1  
203 19.6 1.3 41.3





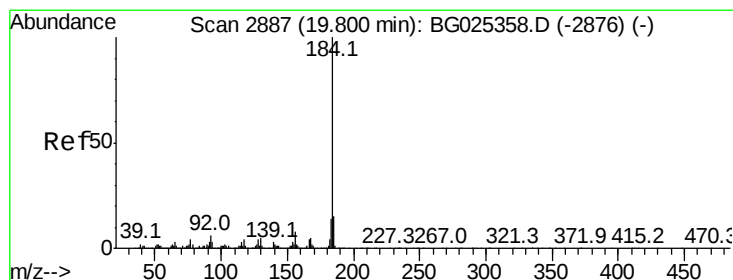
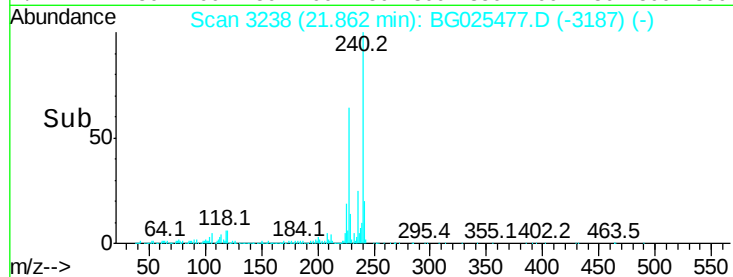
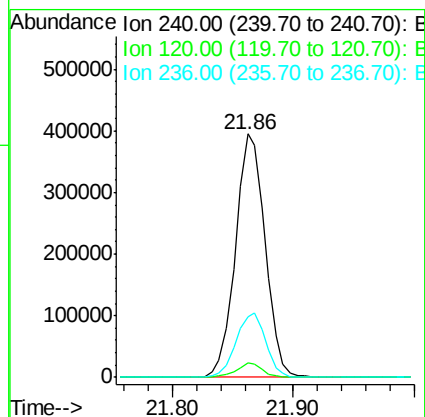
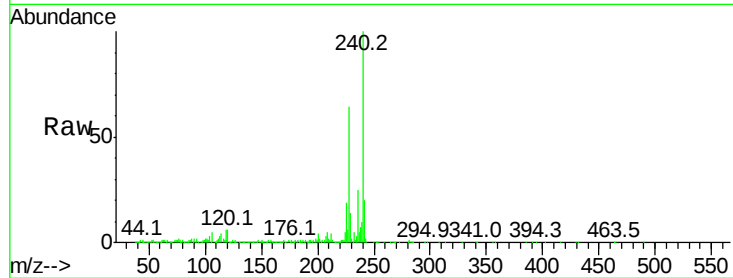
#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 21.86 min Scan# 3238  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.7   | 5.7   | 8.5   |
| 236     | 24.7  | 22.2  | 33.4  |

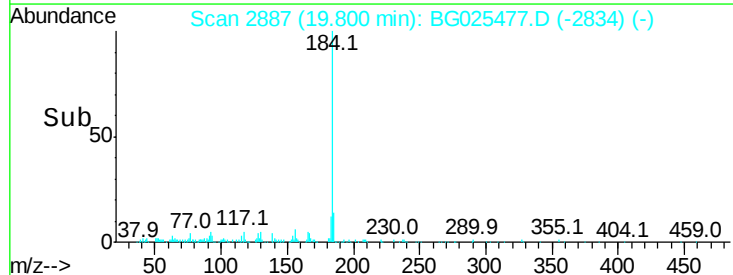
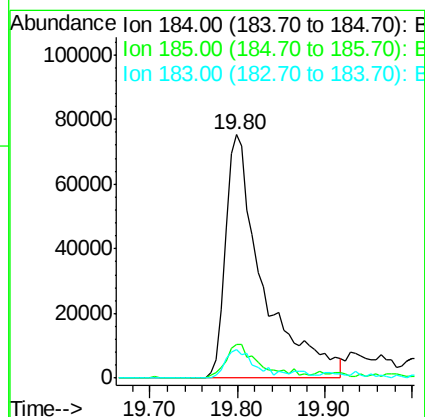
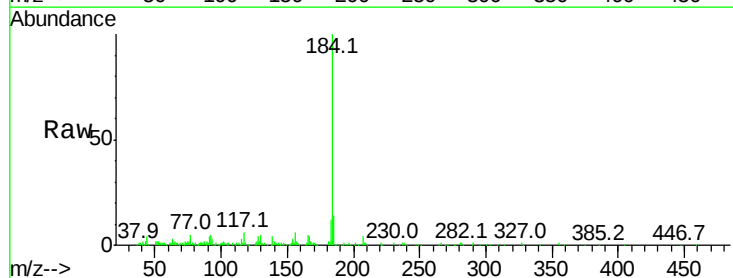
Manual Integrations  
 APPROVED

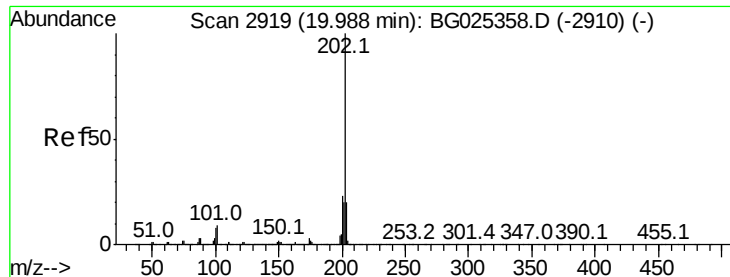
Sohil  
 1/12/2017 8:31:14 AM



#76  
 Benzidine  
 Concen: 12.98 ng  
 RT: 19.80 min Scan# 2887  
 Delta R.T. 0.01 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.9  | 13.0  | 19.6  |
| 183     | 11.7  | 11.0  | 16.6  |





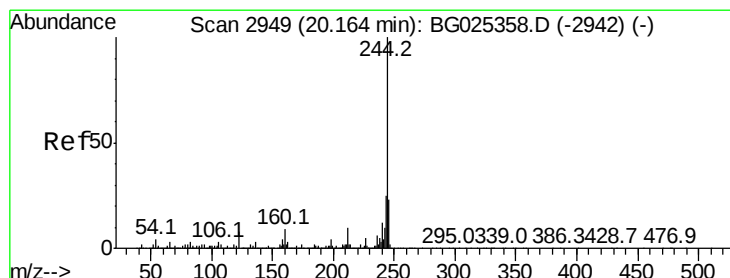
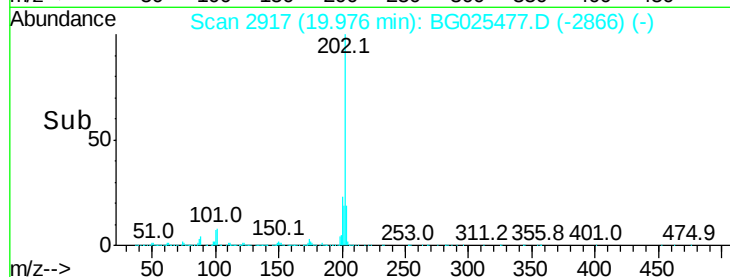
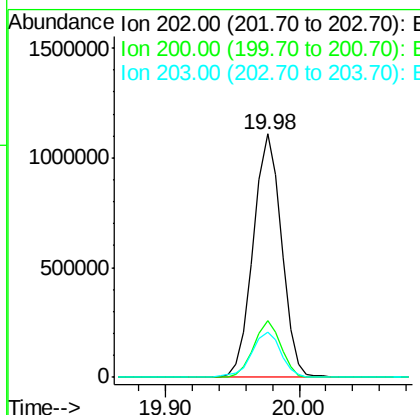
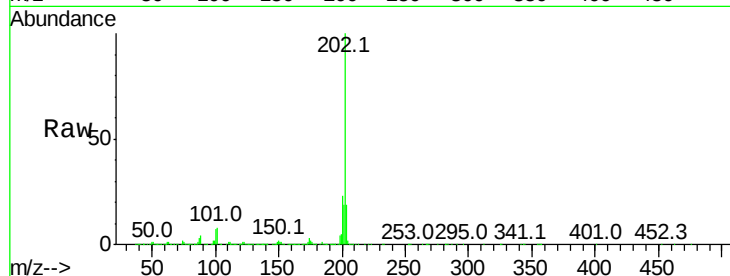
#77  
Pvrene  
Concen: 45.74 ng  
RT: 19.98 min Scan# 2917  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.1  | 19.6  | 29.4  |
| 203     | 18.6  | 15.8  | 23.8  |

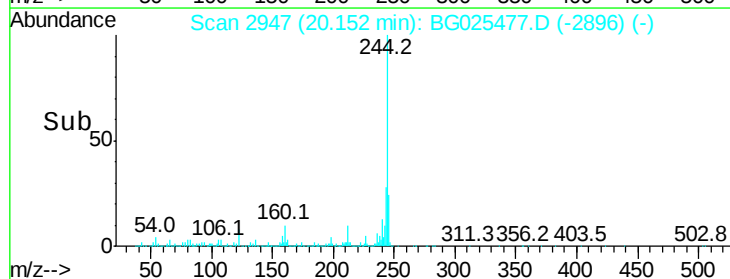
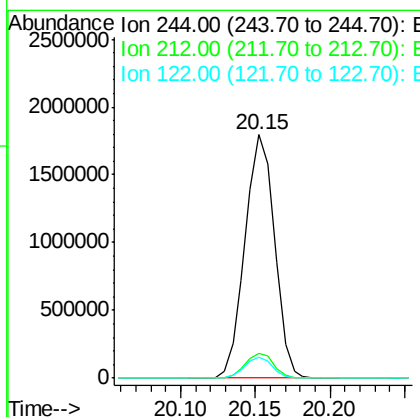
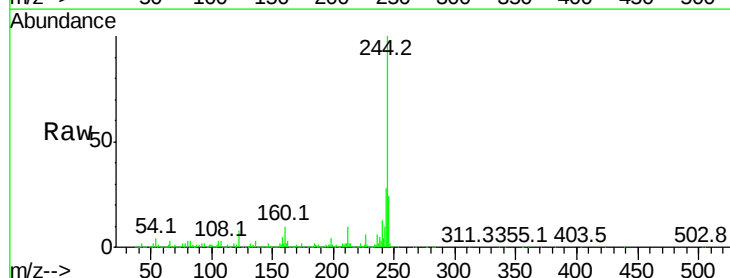
Manual Integrations  
APPROVED

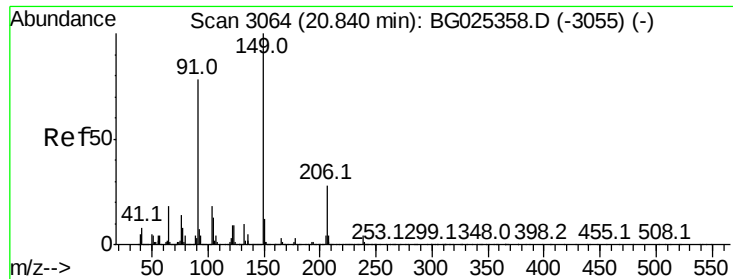
Sohil  
1/12/2017 8:31:14 AM



#78  
Terphenyl-d14  
Concen: 96.22 ng  
RT: 20.15 min Scan# 2947  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.4  | 10.0  | 15.0  |
| 122     | 8.5   | 8.6   | 12.8  |





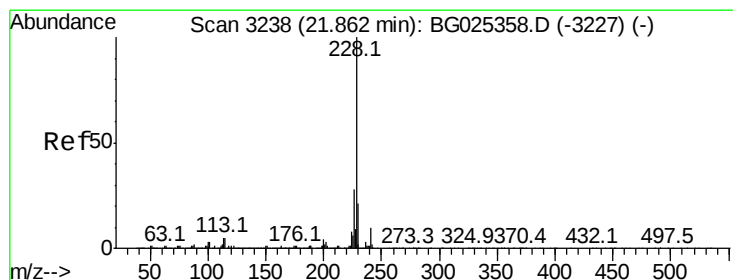
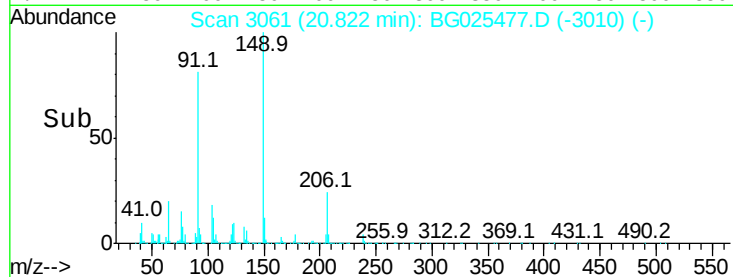
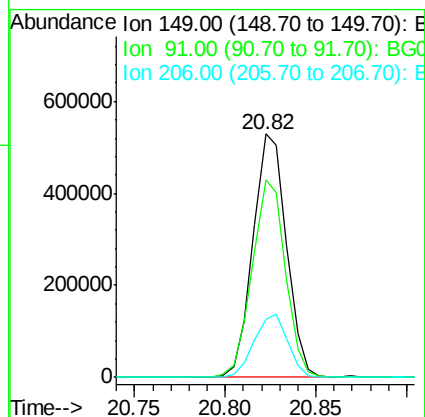
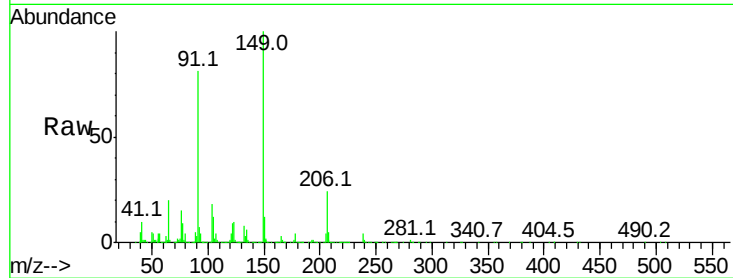
#79  
Butylbenzylphthalate  
Concen: 47.77 ng  
RT: 20.82 min Scan# 3061  
Delta R.T. -0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 81.0  | 63.5  | 95.3  |
| 206     | 23.6  | 21.0  | 31.6  |

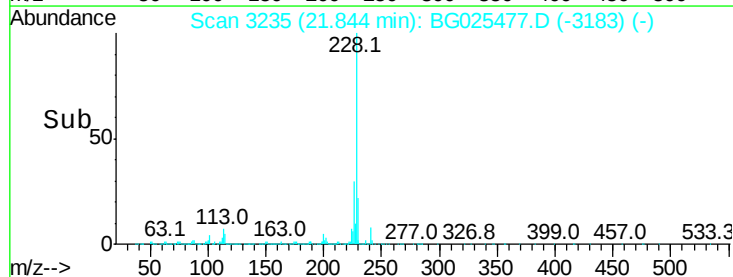
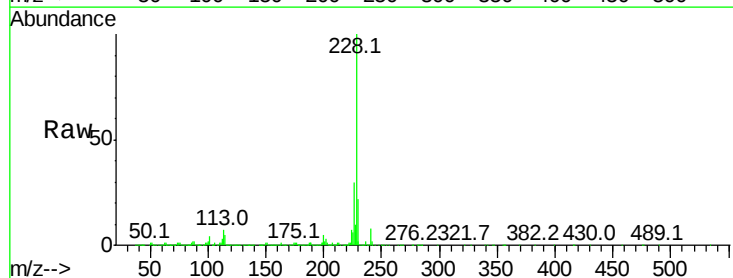
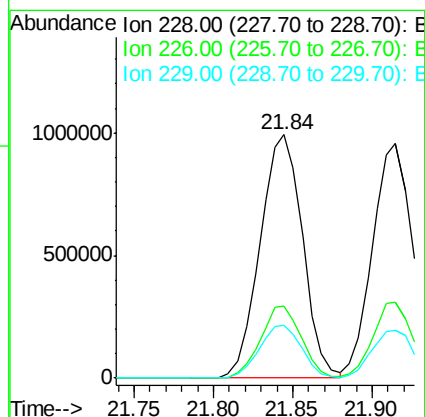
Manual Integrations  
APPROVED

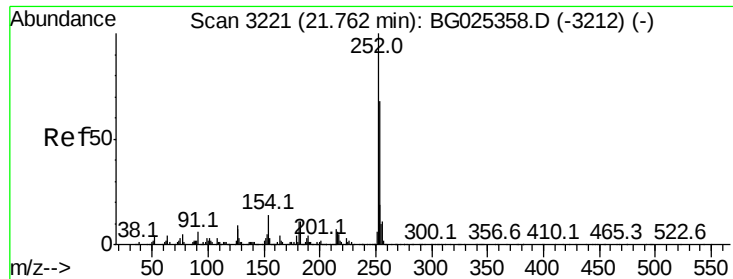
Sohil  
1/12/2017 8:31:14 AM



#80  
Benzo(a)anthracene  
Concen: 48.88 ng  
RT: 21.84 min Scan# 3235  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.9  | 37.3  |
| 229     | 22.0  | 18.2  | 27.2  |





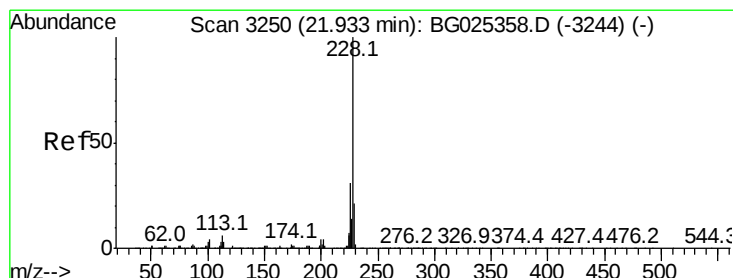
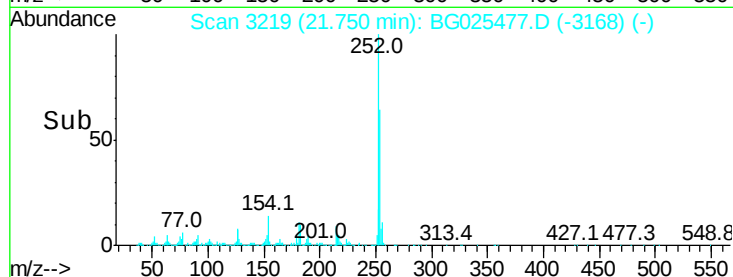
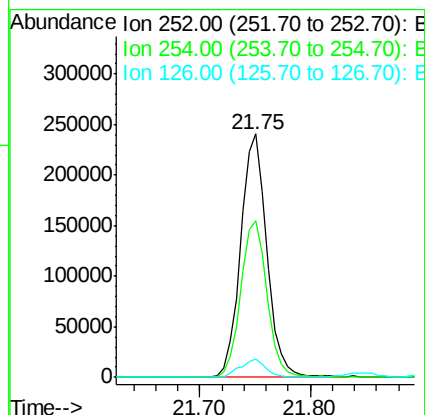
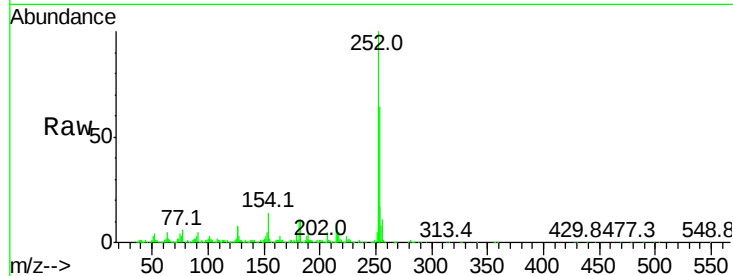
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.51 ng  
 RT: 21.75 min Scan# 3219  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 53.1  | 79.7  |
| 126     | 7.4   | 7.0   | 10.4  |

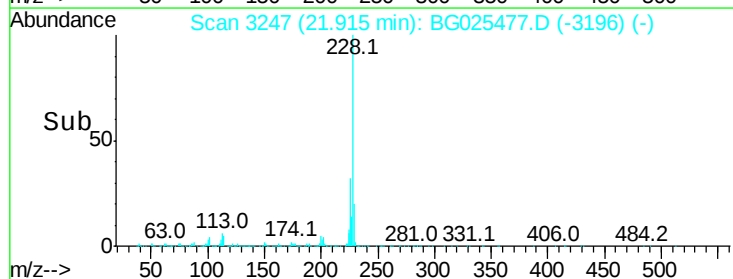
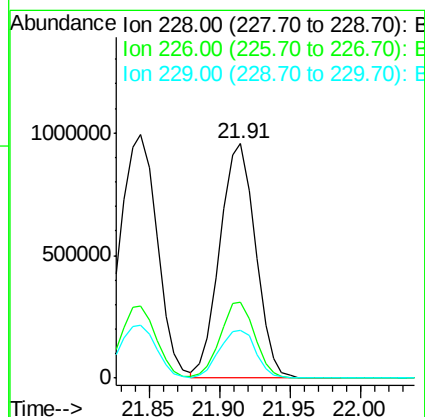
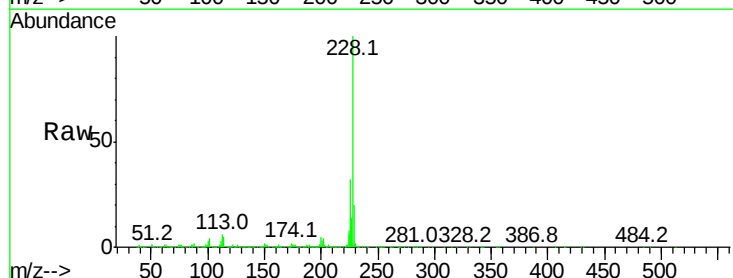
Manual Integrations  
 APPROVED

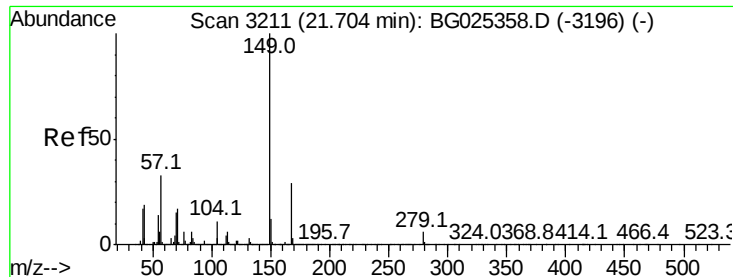
Sohil  
 1/12/2017 8:31:14 AM



#82  
 Chrysene  
 Concen: 46.51 ng  
 RT: 21.91 min Scan# 3247  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 27.0  | 40.4  |
| 229     | 20.4  | 17.8  | 26.6  |





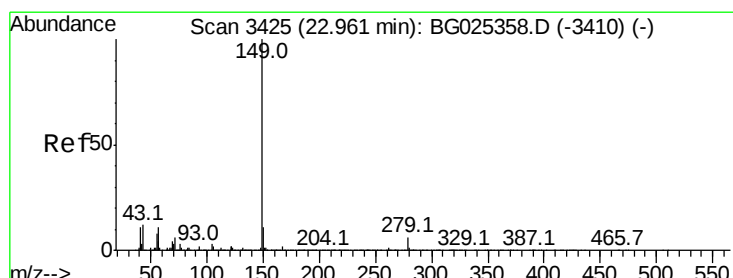
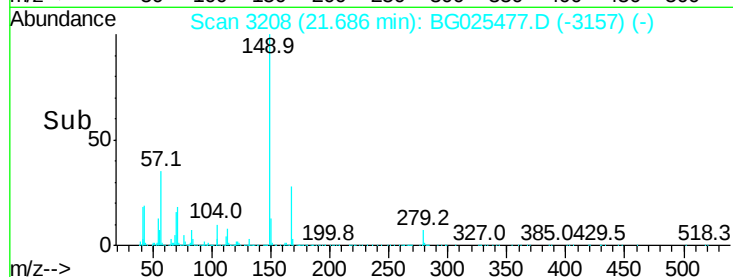
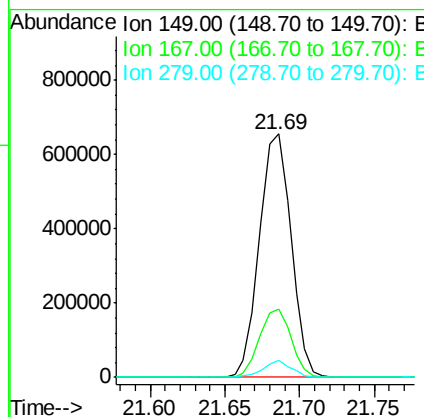
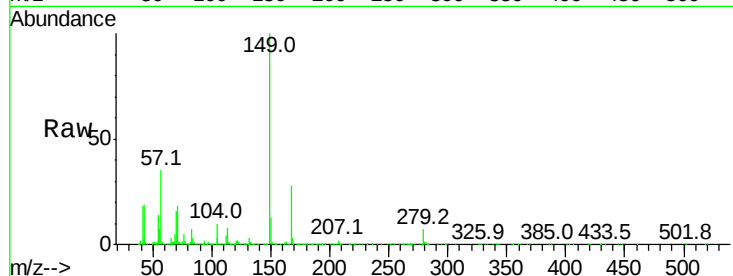
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.78 ng  
 RT: 21.69 min Scan# 3208  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.0  | 23.7  | 35.5  |
| 279     | 6.8   | 4.6   | 6.8   |

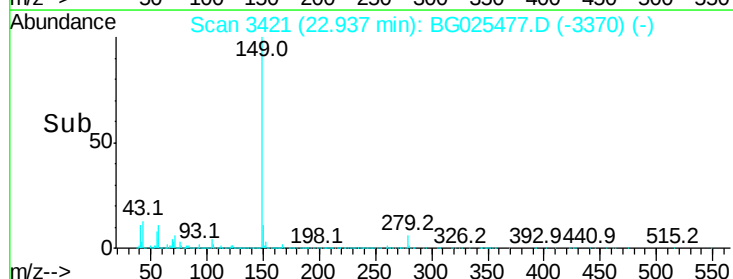
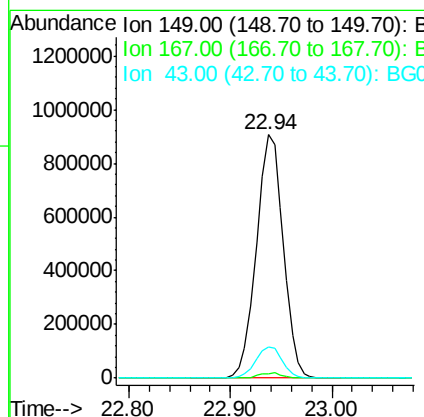
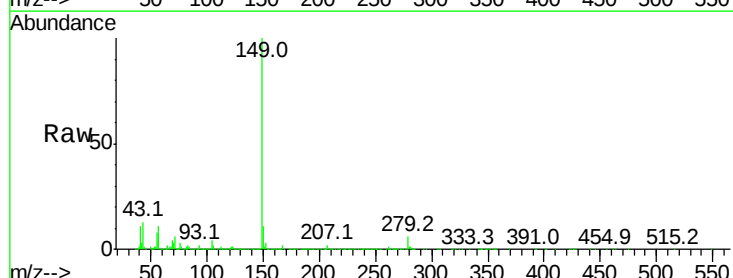
Manual Integrations  
 APPROVED

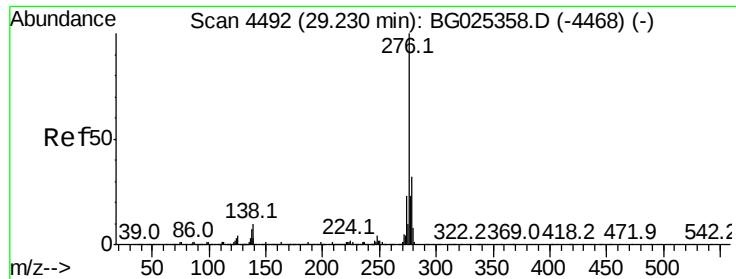
Sohil  
 1/12/2017 8:31:14 AM



#84  
 Di-n-octyl phthalate  
 Concen: 50.73 ng  
 RT: 22.94 min Scan# 3421  
 Delta R.T. -0.00 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.2   |
| 43      | 12.9  | 11.8  | 17.6  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.62 ng

RT: 29.19 min Scan# 4486

Delta R.T. -0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

ClientSampleId :

TP3-COMP13MSD

Tot Ion:276 Resp: 2325945

Ion Ratio Lower Upper

276 100

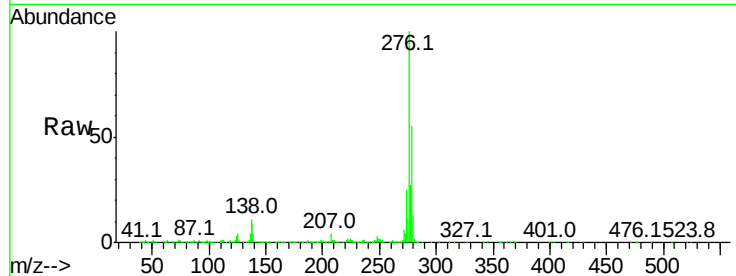
138 5.8 4.7 7.1

277 26.0 20.6 31.0

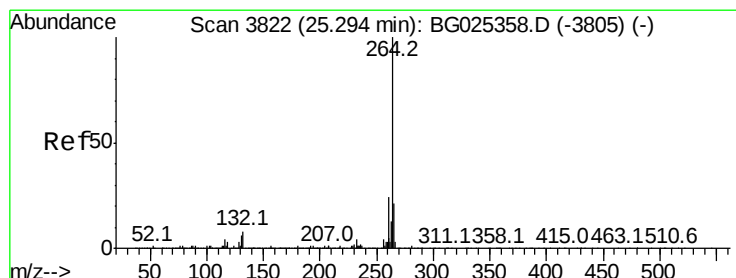
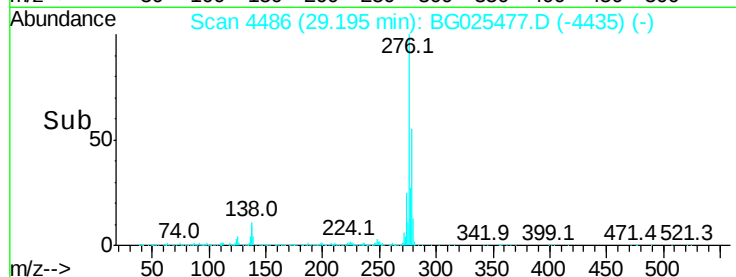
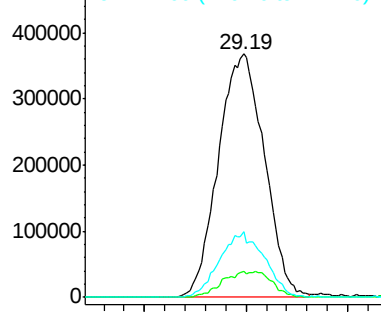
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Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

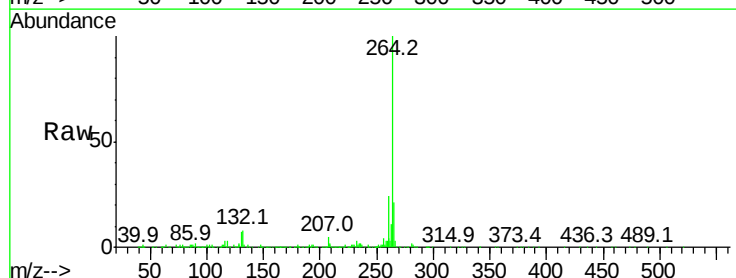
Tgt Ion:264 Resp: 728637

Ion Ratio Lower Upper

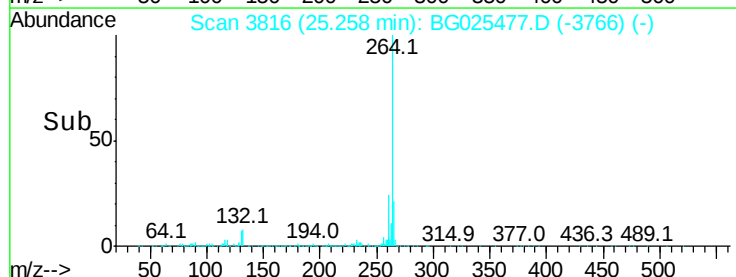
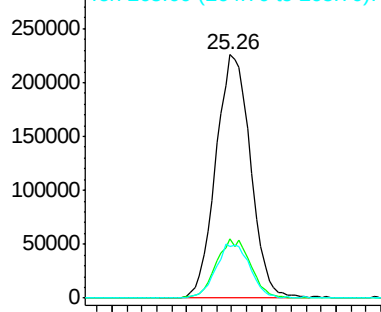
264 100

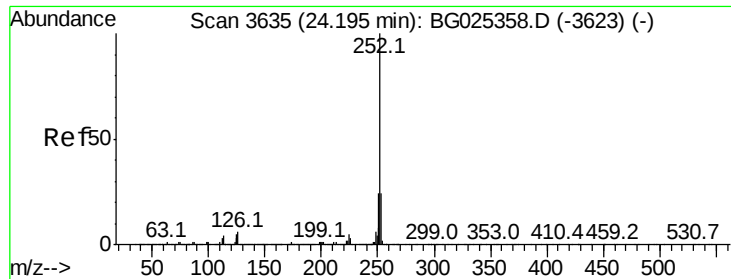
260 24.1 21.8 32.8

265 21.0 18.2 27.4



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





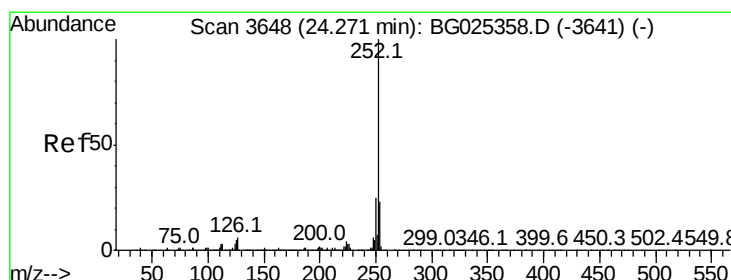
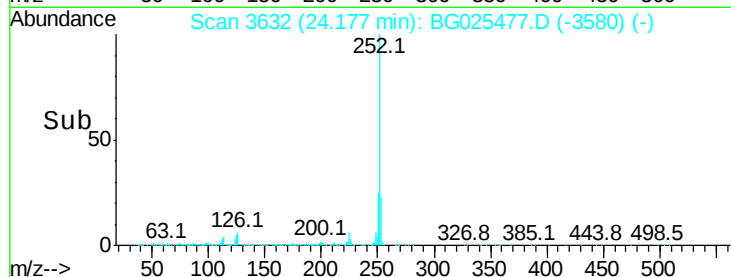
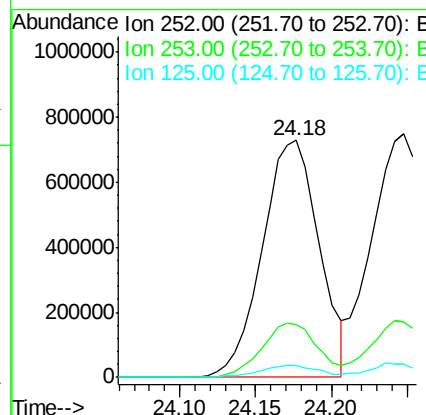
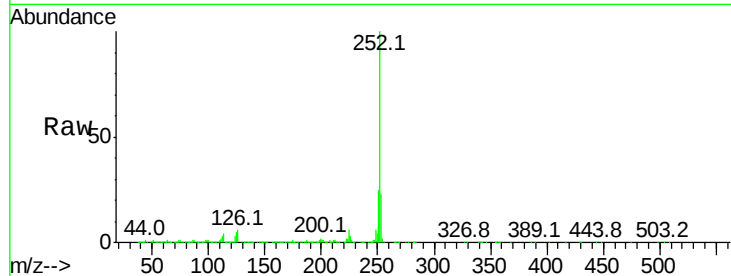
#87  
Benzo(b)fluoranthene  
Concen: 48.21 ng/ml  
RT: 24.18 min Scan# 3632  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-COMP13MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.7  | 28.1  |
| 125     | 5.1   | 5.3   | 7.9   |

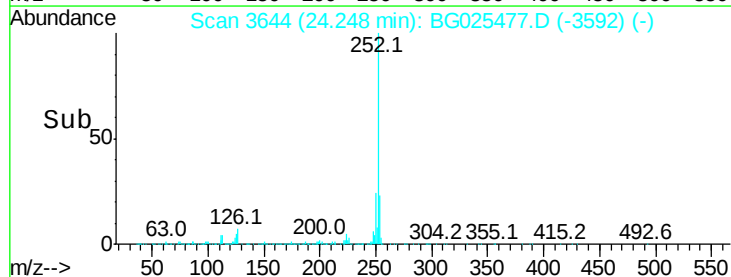
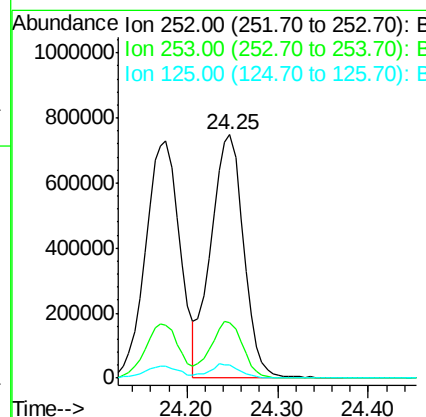
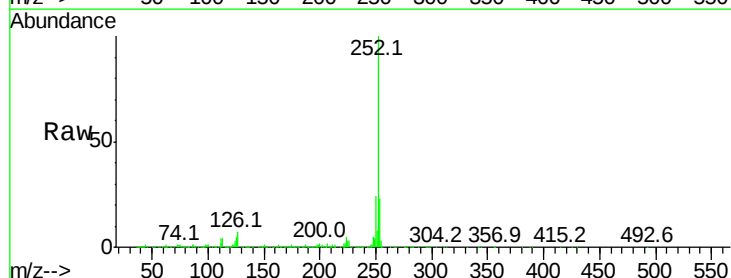
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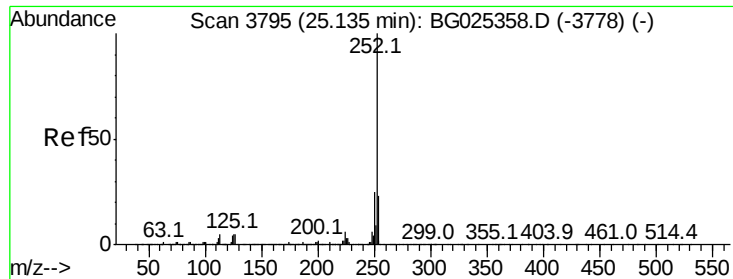
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#88  
Benzo(k)fluoranthene  
Concen: 48.79 ng/ml  
RT: 24.25 min Scan# 3644  
Delta R.T. 0.00 min  
Lab File: BG025477.D  
Acq: 11 Jan 2017 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 20.2  | 30.2  |
| 125     | 5.3   | 5.1   | 7.7   |





#89

Benzo(a)pyrene

Concen: 48.99 ng

RT: 25.11 min Scan# 3790

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

Instrument :

BNA\_G

ClientSampleId :

TP3-COMP13MSD

Tot Ion:252 Resp: 1881089

Ion Ratio Lower Upper

252 100

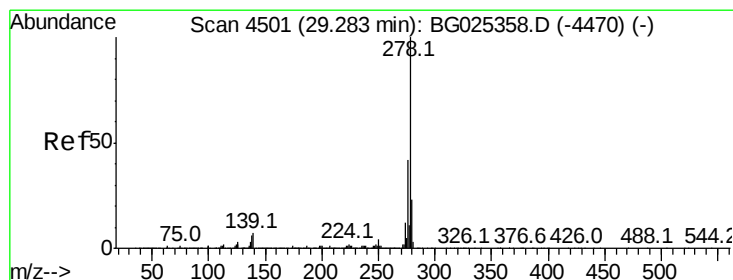
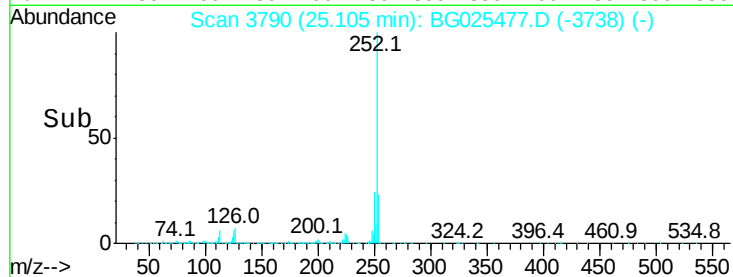
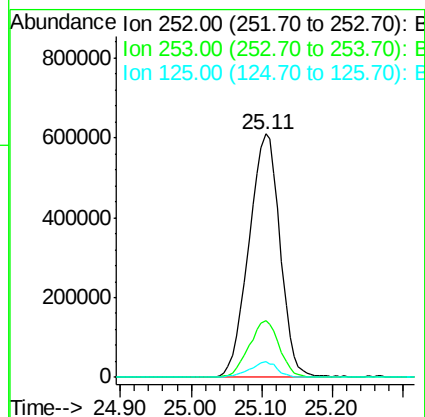
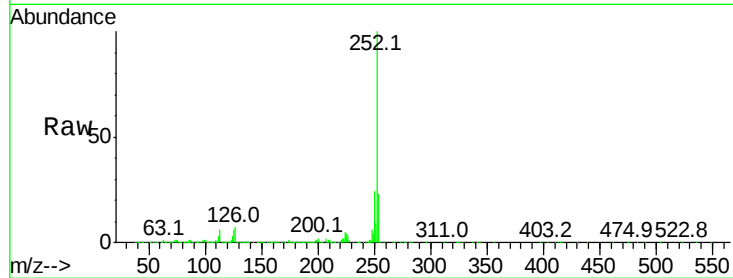
253 23.4 19.2 28.8

125 6.3 5.4 8.0

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#90

Dibenzo(a,h)anthracene

Concen: 48.49 ng

RT: 29.24 min Scan# 4493

Delta R.T. 0.00 min

Lab File: BG025477.D

Acq: 11 Jan 2017 17:20

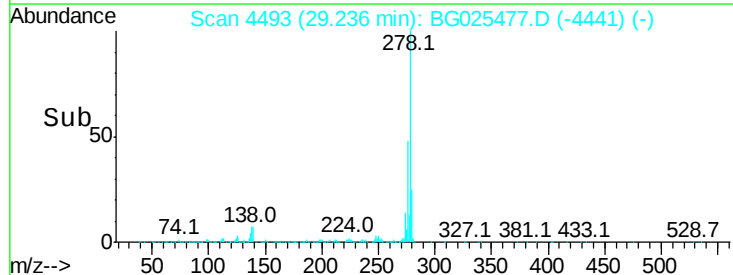
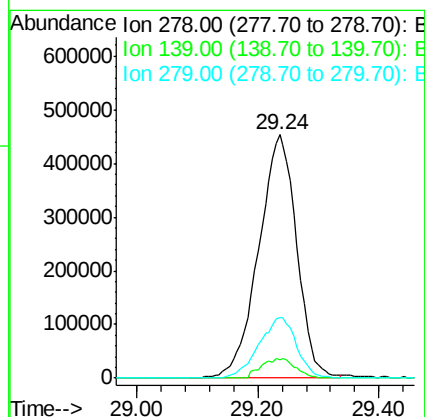
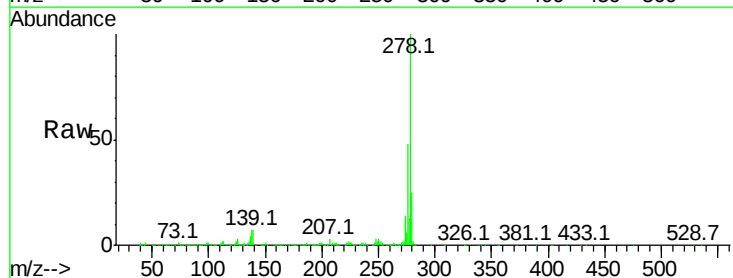
Tgt Ion:278 Resp: 1973252

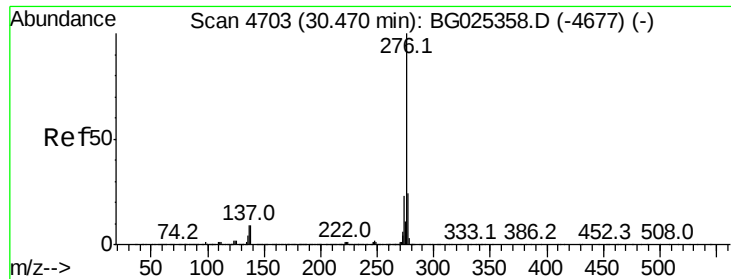
Ion Ratio Lower Upper

278 100

139 7.3 7.7 11.5#

279 24.9 19.1 28.7





#91  
 Benzo(a,h,i)perylene  
 Concen: 45.04 ng  
 RT: 30.42 min Scan# 4694  
 Delta R.T. -0.01 min  
 Lab File: BG025477.D  
 Acq: 11 Jan 2017 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-COMP13MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 1821558 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 22.6  | 18.6  | 27.8    |
| 138       | 11.2  | 8.1   | 12.1    |

Manual Integrations  
 APPROVED

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