

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\  
 Data File : BG030665.D  
 Acq On : 2 Nov 2017 16:52  
 Operator : SJ/JU  
 Sample : PB103878BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

Manual Integrations  
 APPROVED

Sohil  
 11/3/2017 1:24:48 PM

Quant Time: Nov 03 01:40:50 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 01 17:41:24 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 61053    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.97 | 136  | 285525   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.77 | 164  | 204311   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.51 | 188  | 522006   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 576222   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.08 | 264  | 582742   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 259882  | 71.11 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 354705  | 69.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 298134  | 66.35 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.25 | 330 | 193654  | 73.41 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.40 | 172 | 870947  | 62.52 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.10 | 244 | 1580391 | 62.39 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.57  | 88  | 46637  | 31.452 | ng | # 84   |
| 3) Pyridine                    | 3.97  | 79  | 123329 | 28.561 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 58049  | 28.759 | ng | # 94   |
| 6) Aniline                     | 7.47  | 93  | 76062  | 11.974 | ng | 93     |
| 8) 2-Chlorophenol              | 7.72  | 128 | 135399 | 32.322 | ng | 89     |
| 9) Benzaldehyde                | 7.29  | 77  | 58622  | 22.720 | ng | 86     |
| 10) Phenol                     | 7.34  | 94  | 180022 | 32.551 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 120342 | 29.866 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 139791 | 29.723 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 144438 | 30.080 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 136757 | 29.528 | ng | 96     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 116578 | 32.248 | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 196152 | 28.665 | ng | 95     |
| 17) 2-Methylphenol             | 8.60  | 107 | 121176 | 32.983 | ng | 95     |
| 18) Hexachloroethane           | 9.24  | 117 | 49447  | 30.218 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 101132 | 28.994 | ng | # 94   |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 169546 | 32.752 | ng | 96     |
| 22) Acetophenone               | 8.97  | 105 | 196906 | 28.616 | ng | # 94   |
| 24) Nitrobenzene               | 9.36  | 77  | 146479 | 28.995 | ng | 89     |
| 25) Isophorone                 | 9.88  | 82  | 284322 | 30.312 | ng | # 92   |
| 26) 2-Nitrophenol              | 10.08 | 139 | 76668  | 31.753 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 141658 | 32.427 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 176897 | 30.756 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 157740 | 33.861 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 156875 | 31.170 | ng | 94     |
| 31) Naphthalene                | 11.02 | 128 | 418316 | 29.397 | ng | 97     |
| 32) Benzoic acid               | 10.25 | 122 | 87112  | 23.815 | ng | # 79   |
| 33) 4-Chloroaniline            | 11.12 | 127 | 62144  | 10.382 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 95859  | 30.634 | ng | 99     |
| 35) Caprolactam                | 11.87 | 113 | 55501m | 35.848 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 165256 | 32.254 | ng | # 85   |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 339124 | 32.699 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 193284 | 25.911 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 205151 | 73.030 | ng | 90     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

Manual Integrations  
 APPROVED

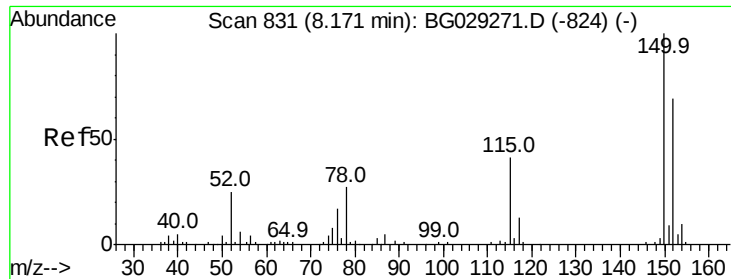
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 11/3/2017 1:24:48 PM

Quant Time: Nov 03 01:40:50 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 01 17:41:24 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 142596   | 30.452 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.28 | 196  | 154976   | 32.226 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 13.61 | 154  | 474186   | 27.002 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.65 | 162  | 373072   | 29.125 | ng    | 96       |
| 47) 2-Nitroaniline             | 13.85 | 65   | 110184   | 31.317 | ng    | # 84     |
| 48) Acenaphthylene             | 14.49 | 152  | 588006   | 29.331 | ng    | 98       |
| 49) Dimethylphthalate          | 14.21 | 163  | 491407   | 30.827 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.34 | 165  | 110978   | 33.210 | ng    | # 80     |
| 51) Acenaphthene               | 14.84 | 154  | 359993   | 27.599 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.67 | 138  | 52687    | 14.611 | ng    | # 82     |
| 53) 2,4-Dinitrophenol          | 14.88 | 184  | 114588   | 63.740 | ng    | # 51     |
| 54) Dibenzofuran               | 15.16 | 168  | 604171   | 32.447 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.98 | 139  | 188829   | 63.518 | ng    | # 79     |
| 56) 2,4-Dinitrotoluene         | 15.12 | 165  | 159573   | 35.275 | ng    | # 74     |
| 57) Fluorene                   | 15.81 | 166  | 482189   | 31.347 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 149758   | 37.326 | ng    | 92       |
| 59) Diethylphthalate           | 15.57 | 149  | 495167   | 31.169 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204  | 270122   | 32.936 | ng    | 93       |
| 61) 4-Nitroaniline             | 15.83 | 138  | 114408   | 30.899 | ng    | 83       |
| 62) Azobenzene                 | 16.09 | 77   | 432515   | 32.285 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 81521    | 29.601 | ng    | 79       |
| 65) n-Nitrosodiphenylamine     | 16.01 | 169  | 441549   | 28.237 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.69 | 248  | 177084   | 29.564 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.82 | 284  | 194683   | 28.693 | ng    | 96       |
| 68) Atrazine                   | 16.95 | 200  | 175809   | 31.510 | ng    | 99       |
| 69) Pentachlorophenol          | 17.16 | 266  | 223132   | 57.248 | ng    | 98       |
| 70) Phenanthrene               | 17.55 | 178  | 812480   | 30.129 | ng    | 98       |
| 71) Anthracene                 | 17.64 | 178  | 826763   | 30.532 | ng    | 99       |
| 72) Carbazole                  | 17.91 | 167  | 773282   | 29.728 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.45 | 149  | 885636   | 29.603 | ng    | 99       |
| 74) Fluoranthene               | 19.55 | 202  | 1019421  | 32.320 | ng    | 98       |
| 76) Benzidine                  | 19.72 | 184  | 285842   | 16.429 | ng    | 97       |
| 77) Pyrene                     | 19.91 | 202  | 1043939  | 29.865 | ng    | 97       |
| 79) Butylbenzylphthalate       | 20.78 | 149  | 421987   | 28.336 | ng    | 88       |
| 80) Benzo(a)anthracene         | 21.76 | 228  | 1037445  | 30.665 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 192730   | 13.802 | ng    | 97       |
| 82) Chrysene                   | 21.83 | 228  | 978478   | 30.200 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 591055   | 27.655 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 1015686  | 27.268 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 1234979  | 30.983 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 24.03 | 252  | 1043610  | 31.281 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 24.09 | 252  | 1034247  | 31.117 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.92 | 252  | 1021072  | 31.836 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.91 | 278  | 1034528  | 31.860 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 30.04 | 276  | 1031924  | 34.204 | ng    | 97       |

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





#1

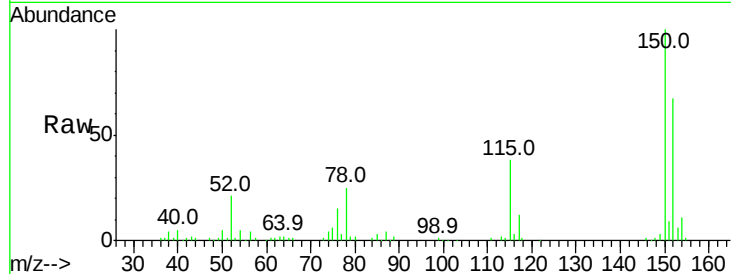
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

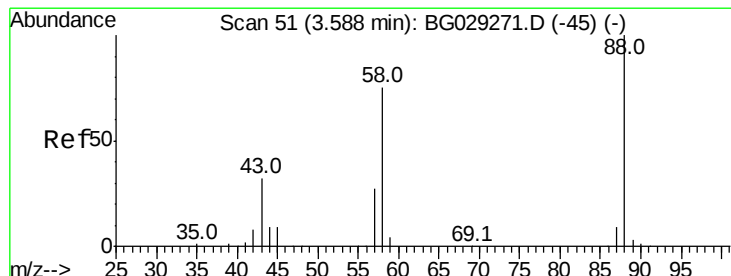
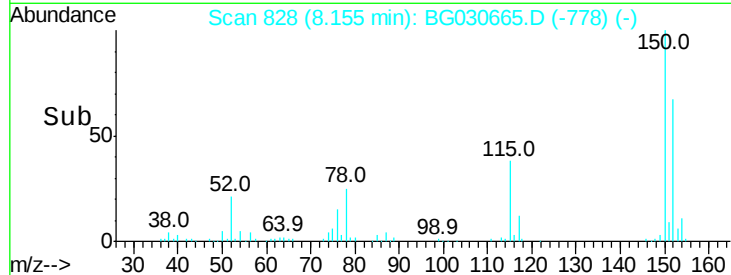
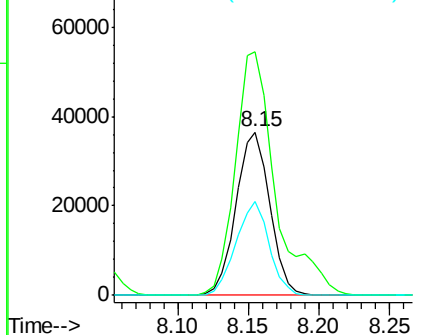
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.3 | 126.6 | 189.8 |
| 115     | 57.2  | 53.0  | 79.4  |

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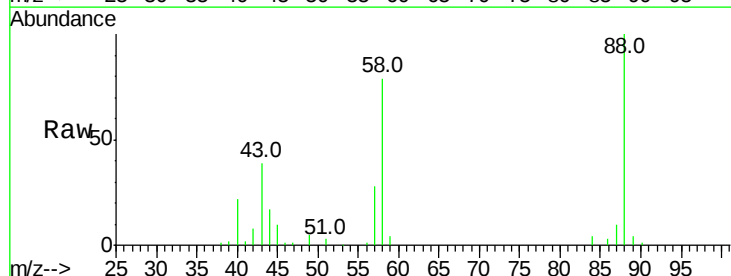
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



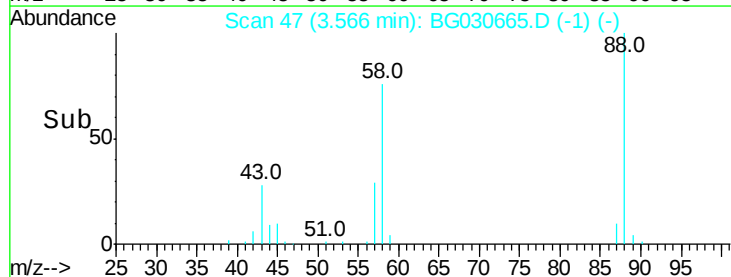
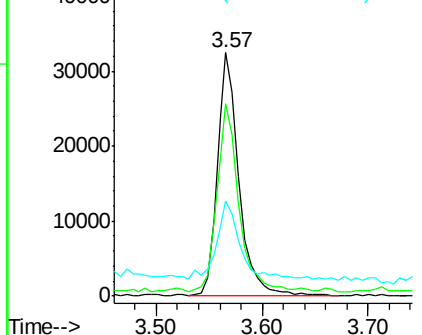
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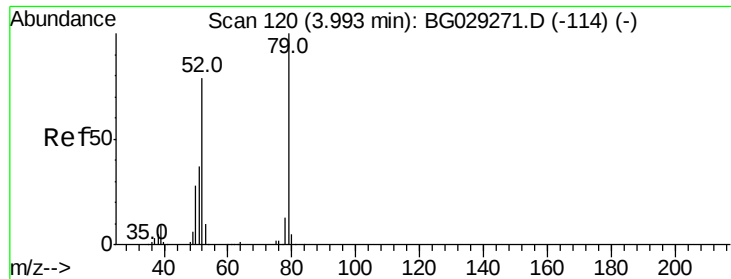
1,4-Dioxane  
Concen: 31.452 ng  
RT: 3.57 min Scan# 47  
Delta R.T. -0.02 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 77.7  | 79.6  | 119.4# |
| 43      | 34.0  | 27.4  | 41.0   |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.561 ng

RT: 3.97 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

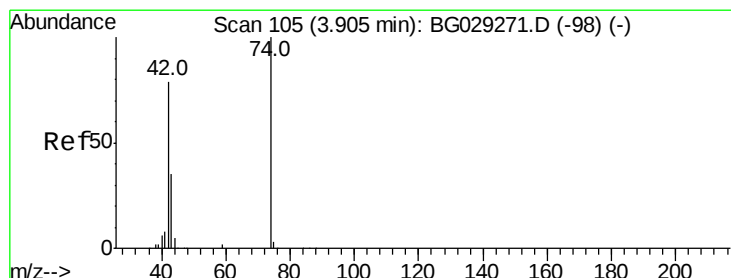
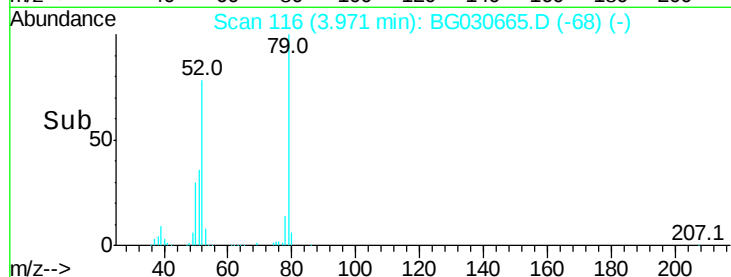
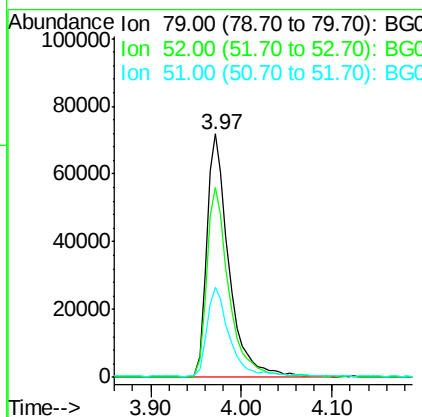
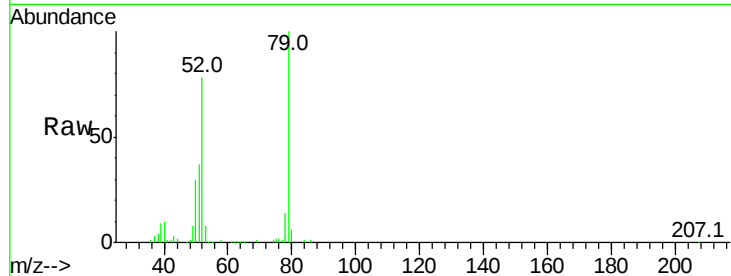
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 123329 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 77.9  | 69.9  | 104.9  |
| 51        | 37.1  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 28.759 ng

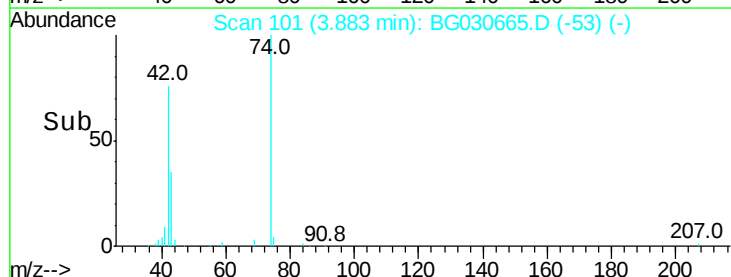
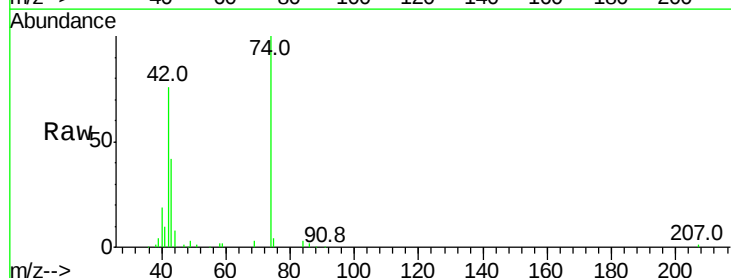
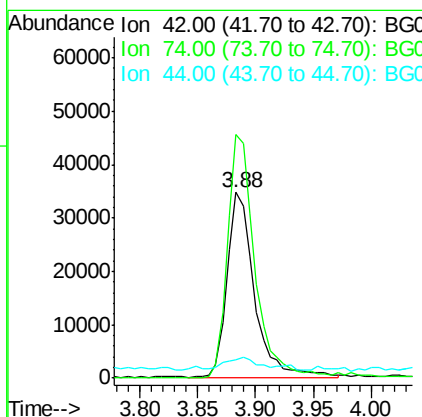
RT: 3.88 min Scan# 101

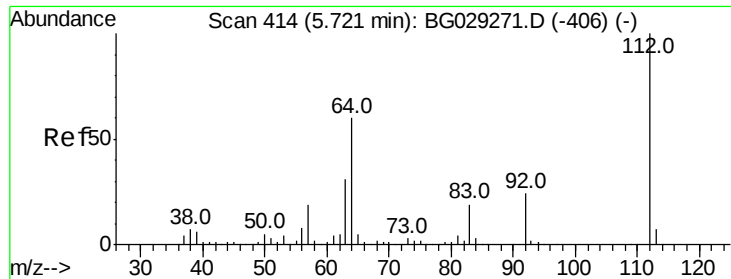
Delta R.T. -0.02 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 58049 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 131.1 | 102.5 | 153.7 |
| 44        | 10.2  | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 71.110 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

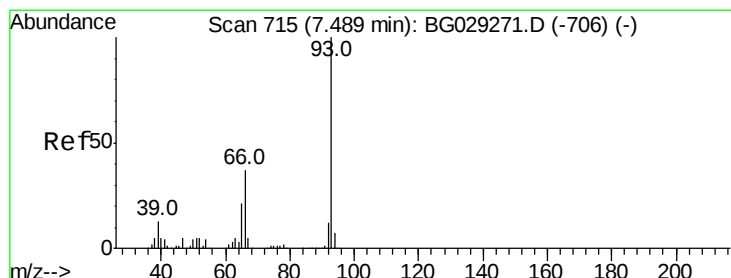
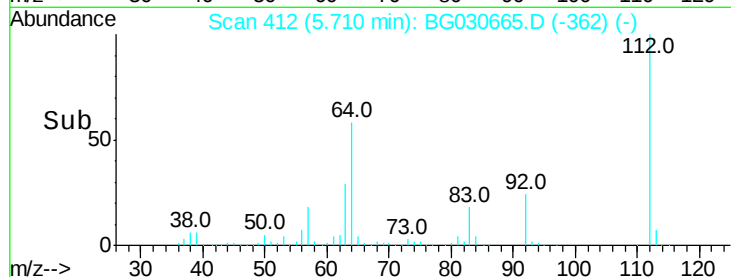
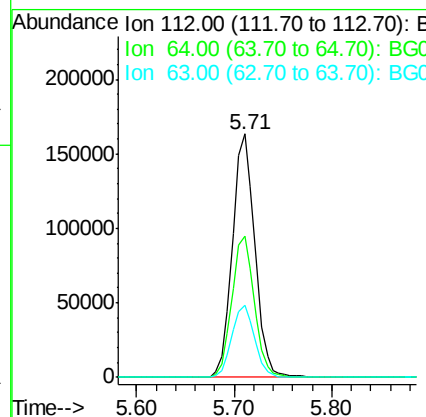
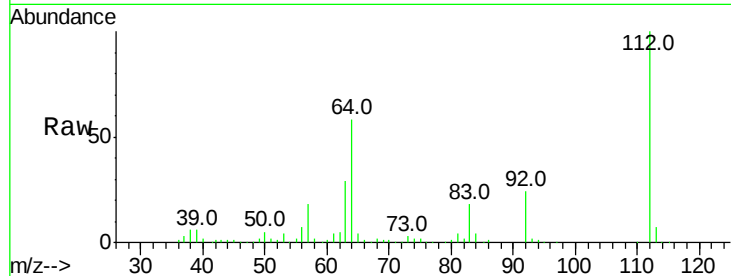
ClientSampled :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 259882 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.3  | 56.3  | 84.5   |
| 63        | 29.5  | 30.1  | 45.1#  |

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#6

Aniline

Concen: 11.974 ng

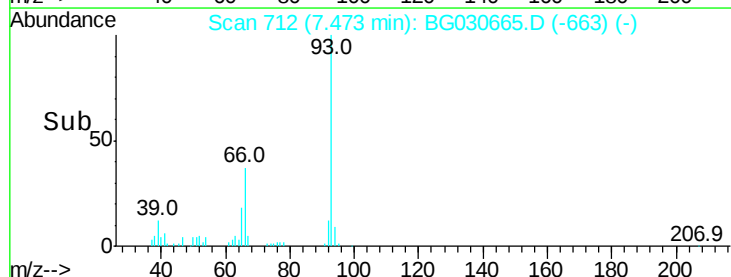
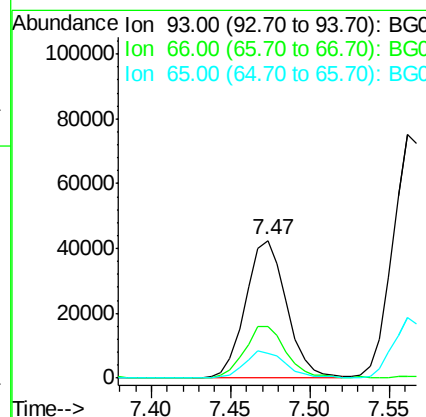
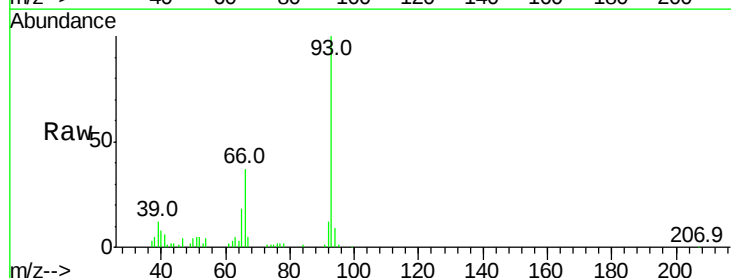
RT: 7.47 min Scan# 712

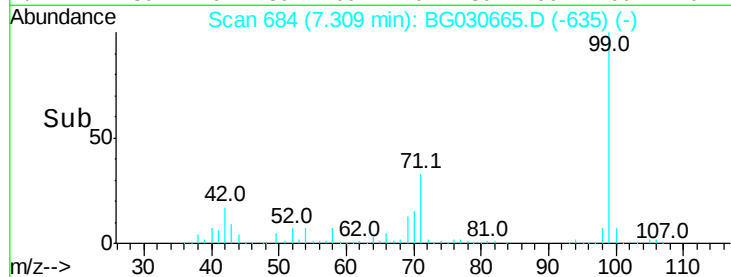
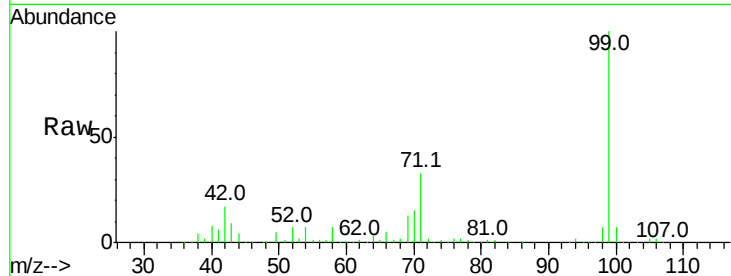
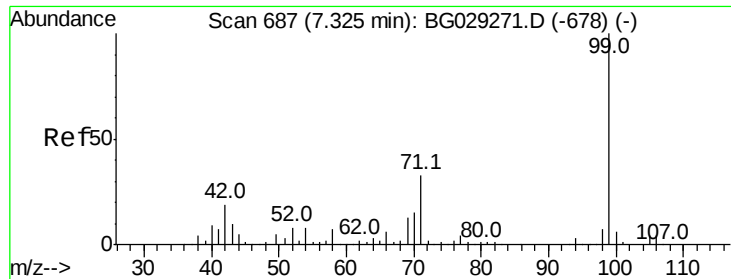
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 76062 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 37.3  | 33.7  | 50.5  |
| 65        | 17.9  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 69.145 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 354705 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.5  | 14.1  | 21.1   |
| 71        | 32.7  | 26.1  | 39.1   |

Instrument :

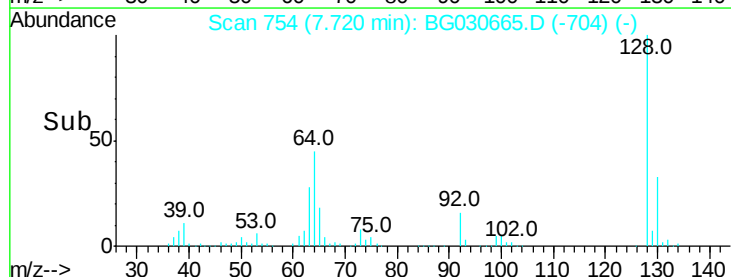
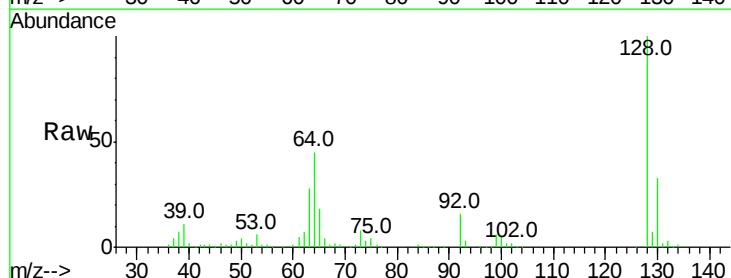
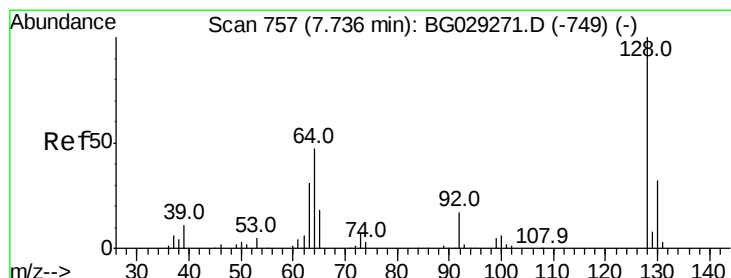
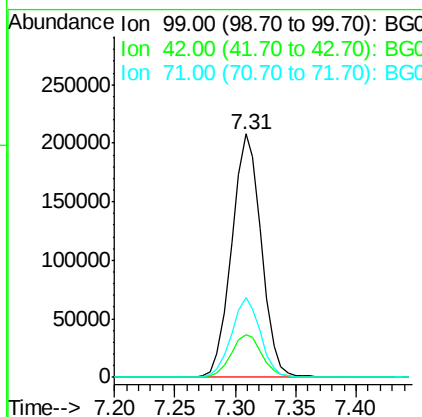
BNA\_G

ClientSampled :

PB103878BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 32.322 ng

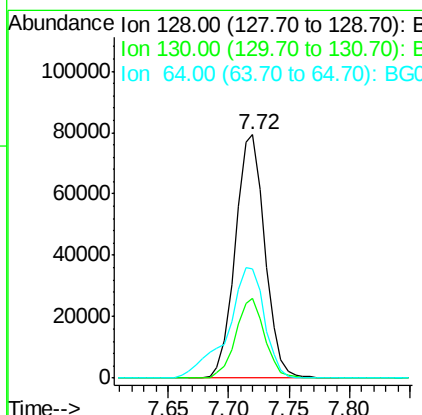
RT: 7.72 min Scan# 754

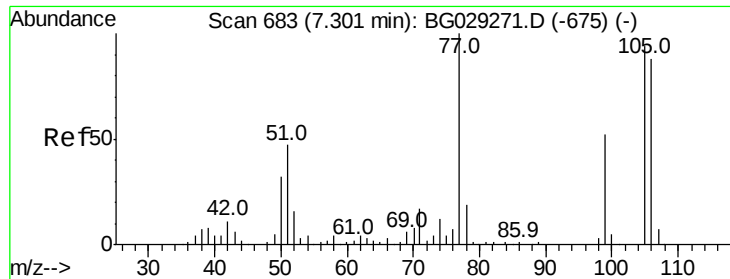
Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 135399 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.9  | 14.0  | 54.0   |
| 64        | 45.0  | 37.7  | 77.7   |





#9

Benzaldehyde

Concen: 22.720 ng

RT: 7.29 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

ClientSampleId :

PB103878BS

Tot Ion: 77 Resp: 58622

Ion Ratio Lower Upper

77 100

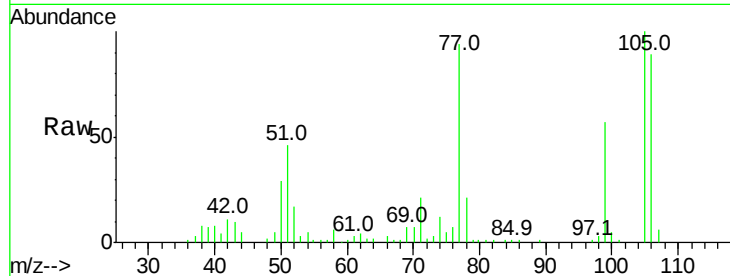
105 106.3 71.3 111.3

106 94.5 64.2 104.2

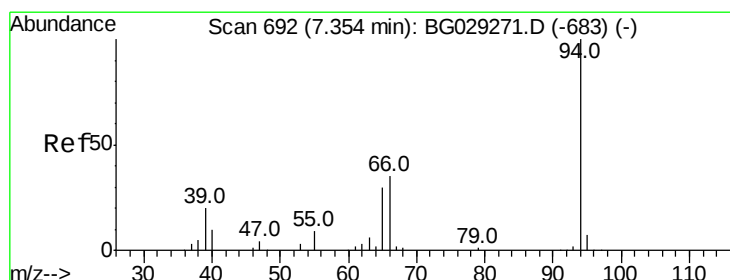
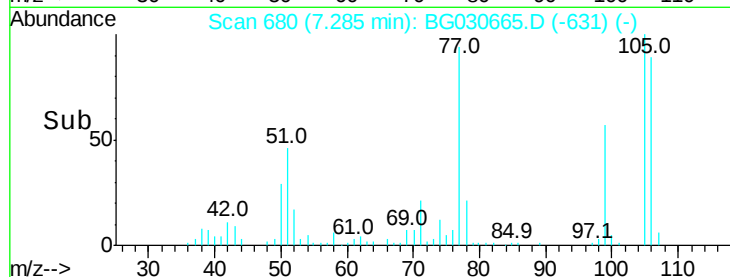
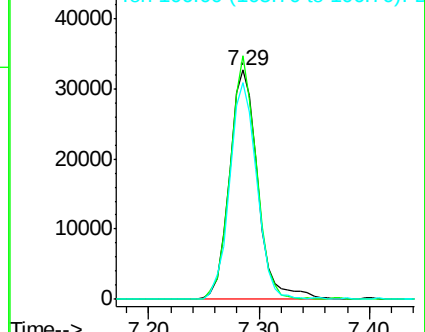
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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 32.551 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

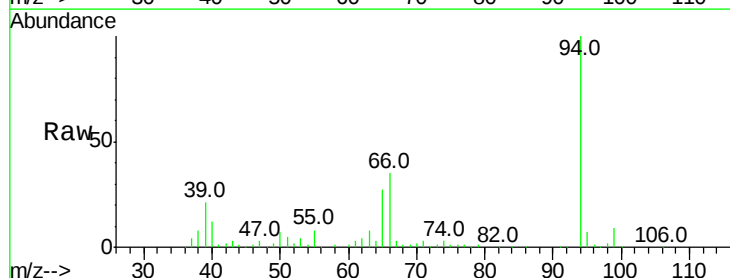
Tgt Ion: 94 Resp: 180022

Ion Ratio Lower Upper

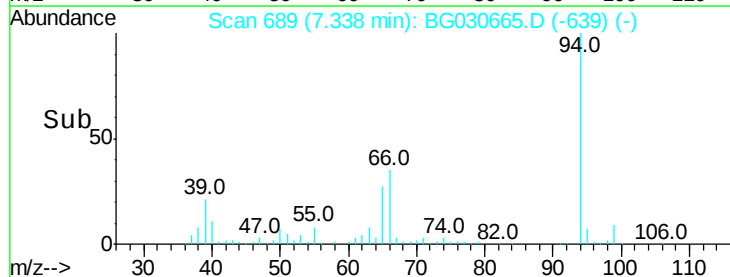
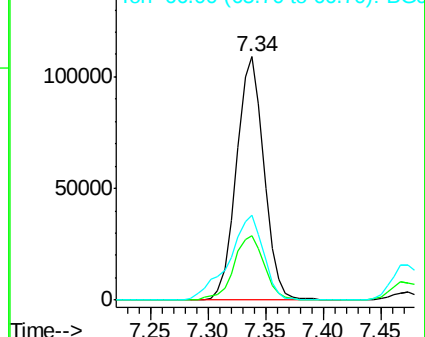
94 100

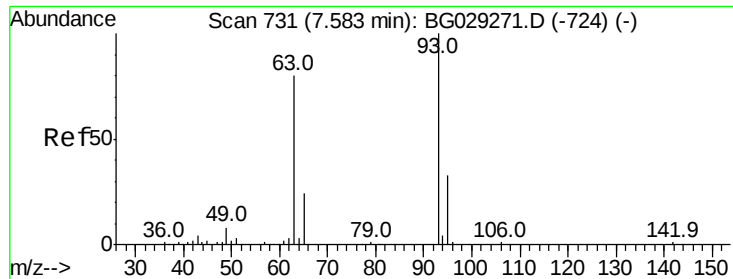
65 26.6 11.9 51.9

66 34.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





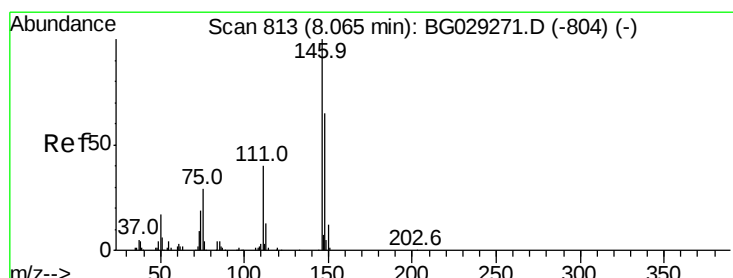
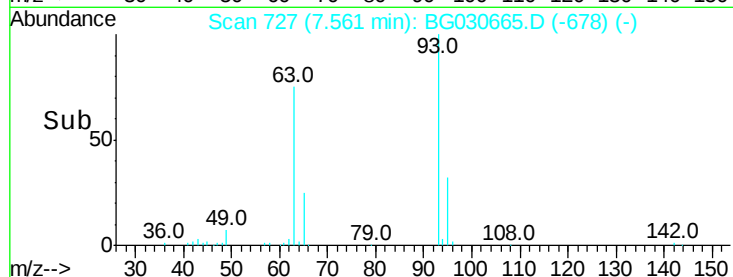
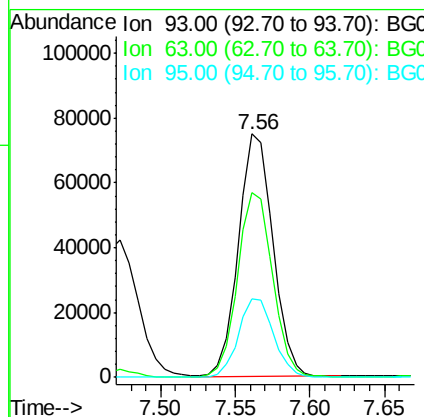
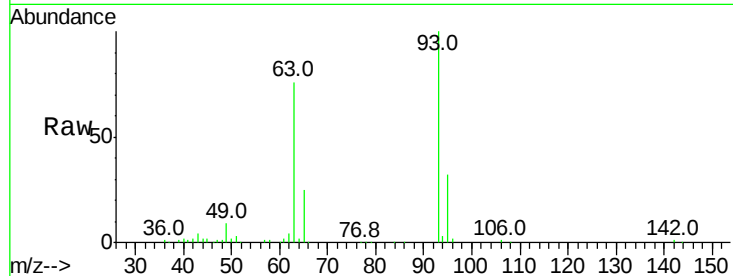
#11  
bis(2-Chloroethyl)ether  
Concen: 29.866 ng  
RT: 7.56 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampled :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.0  | 67.1  | 107.1 |
| 95      | 32.2  | 11.5  | 51.5  |

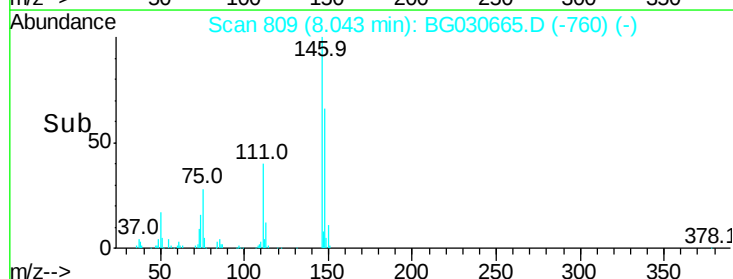
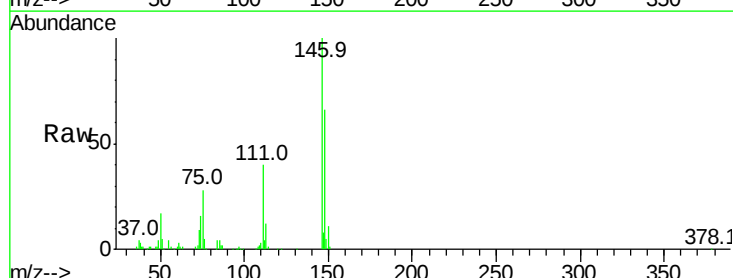
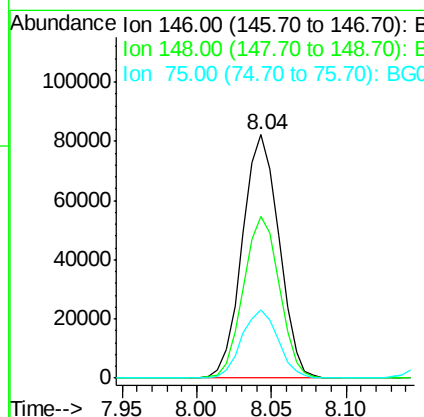
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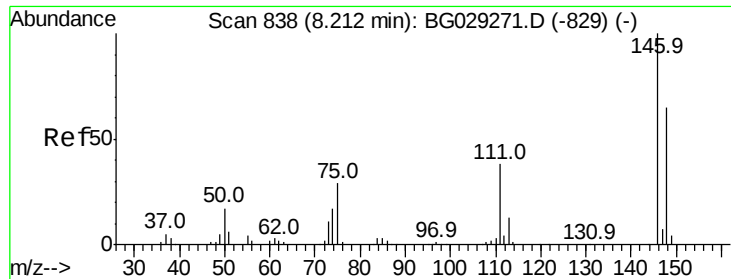
Sohil  
11/3/2017 1:24:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 29.723 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 51.4  | 77.2  |
| 75      | 28.3  | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 30.080 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

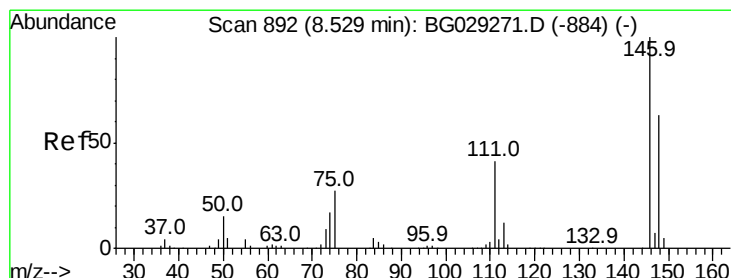
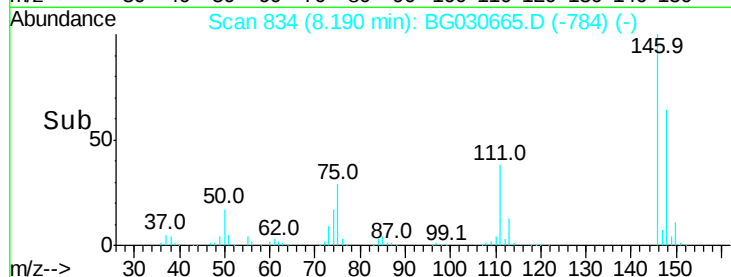
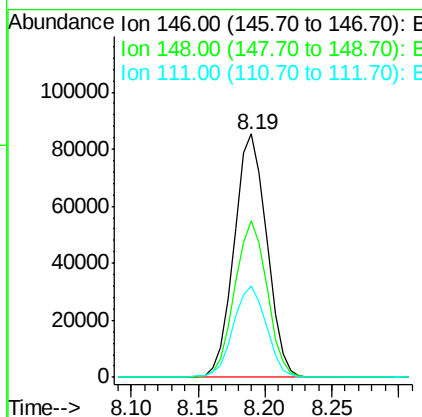
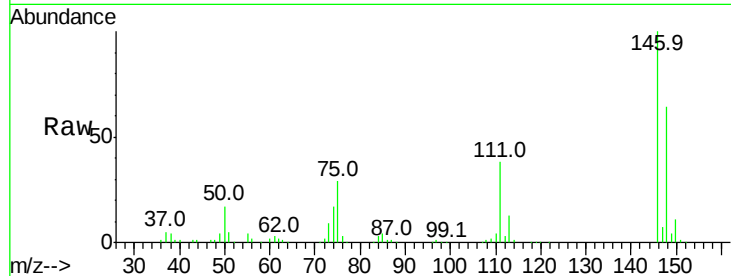
ClientSampled :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 144438 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 53.7  | 80.5   |
| 111       | 37.5  | 35.2  | 52.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 29.528 ng

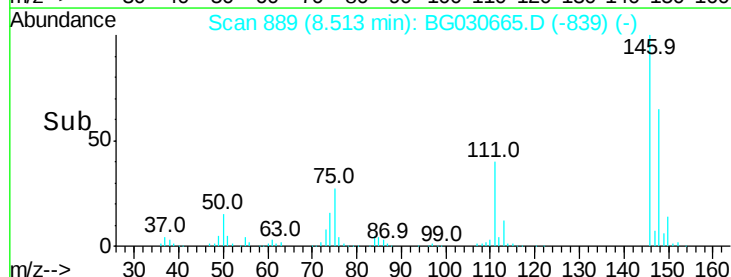
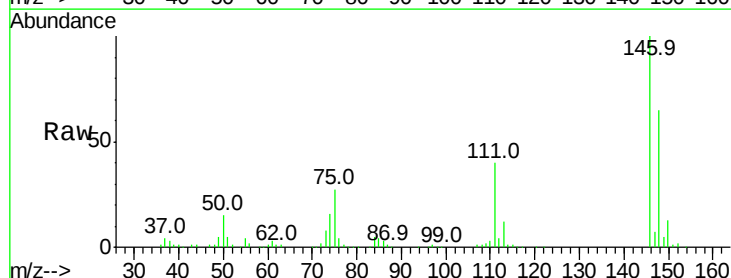
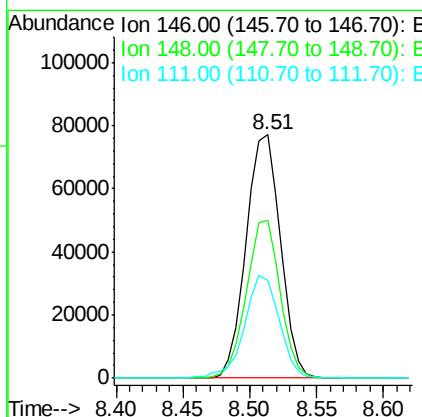
RT: 8.51 min Scan# 889

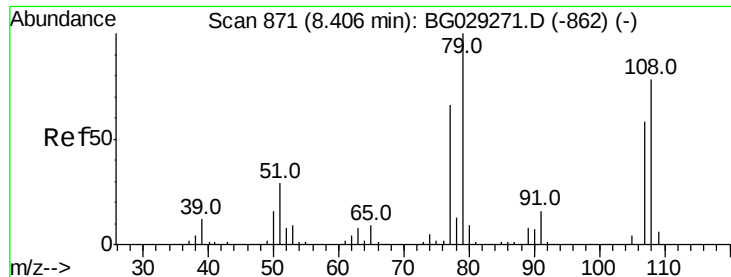
Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 136757 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 49.3  | 73.9   |
| 111       | 40.1  | 34.3  | 51.5   |





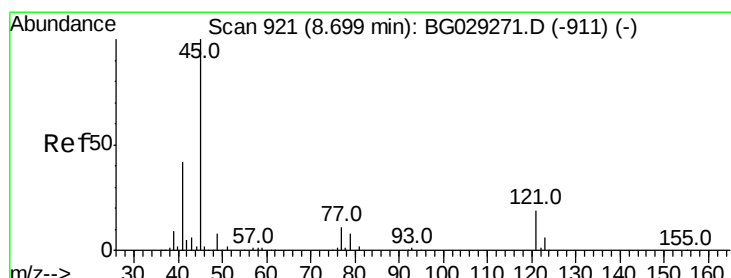
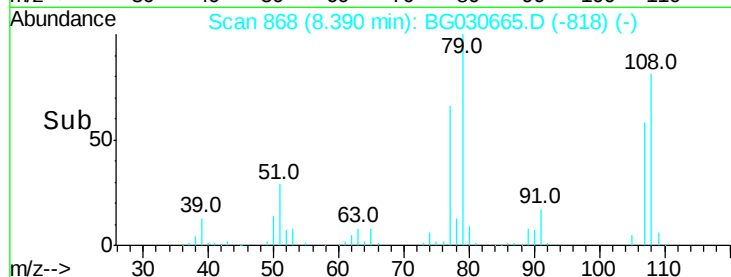
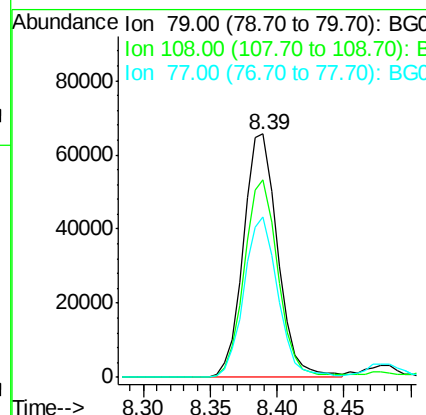
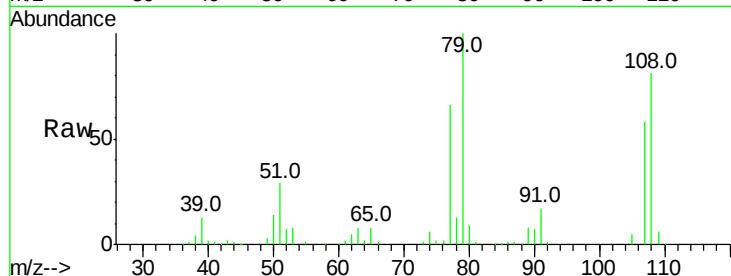
#15  
Benzyl Alcohol  
Concen: 32.248 ng  
RT: 8.39 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.3  | 57.2  | 85.8  |
| 77      | 65.8  | 46.1  | 69.1  |

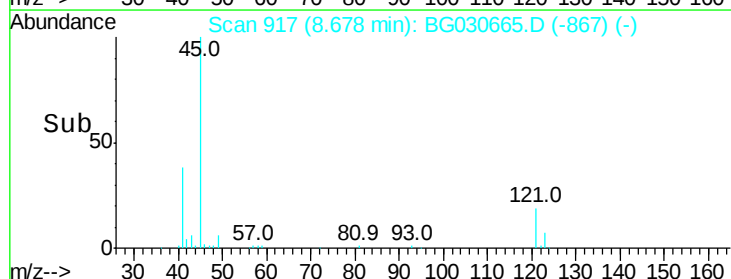
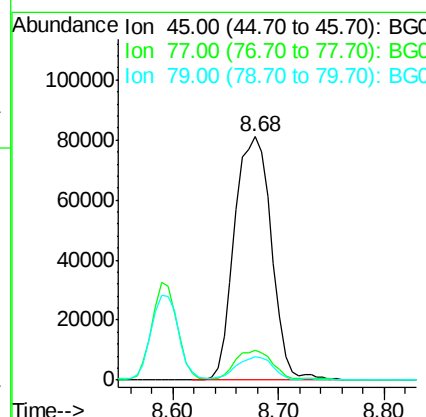
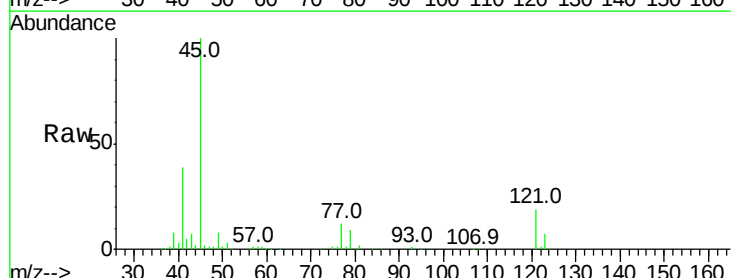
Manual Integrations  
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 28.665 ng  
RT: 8.68 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.2  | 0.0   | 30.2  |
| 79      | 9.4   | 0.0   | 27.9  |





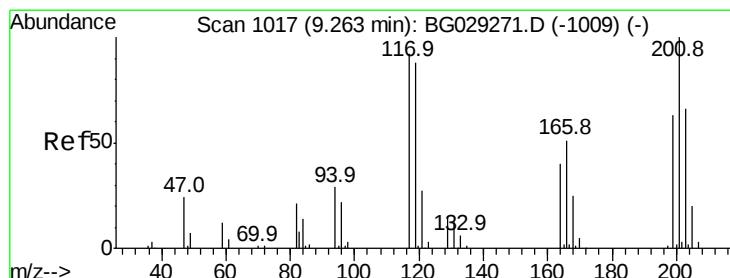
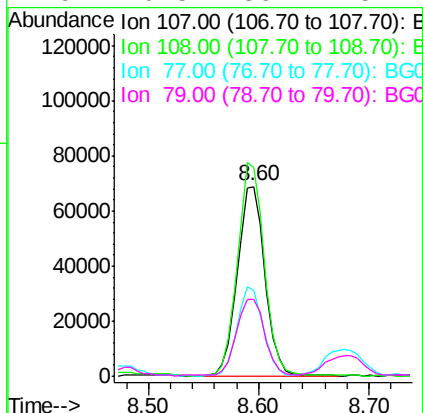
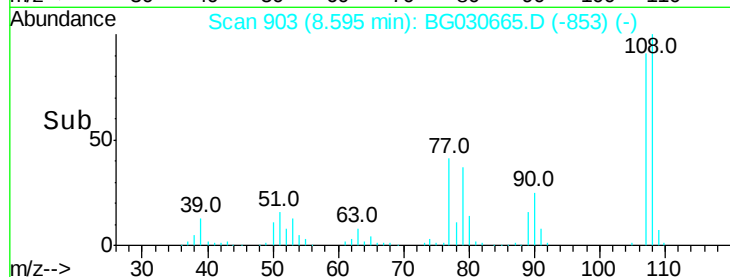
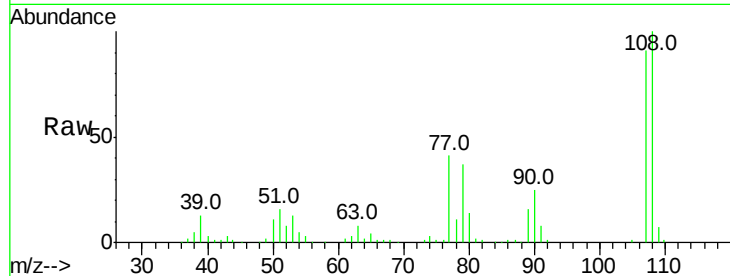
#17  
2-Methylphenol  
Concen: 32.983 ng  
RT: 8.60 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 121176 |       |       |
| 108     | 110.0 | 83.9   | 125.9 |       |
| 77      | 45.2  | 37.2   | 55.8  |       |
| 79      | 40.5  | 36.2   | 54.2  |       |

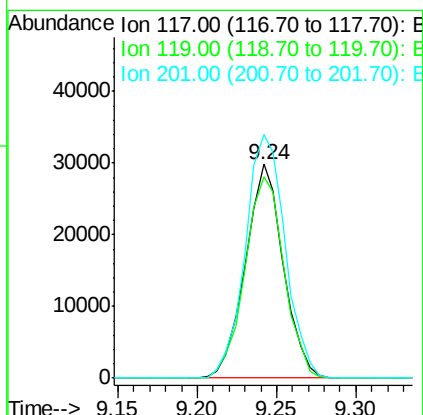
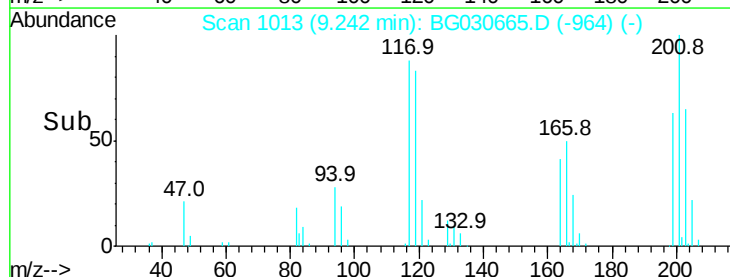
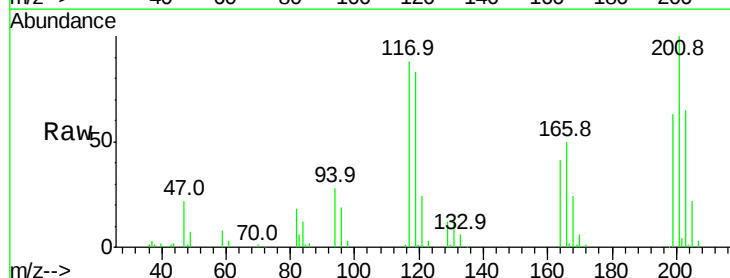
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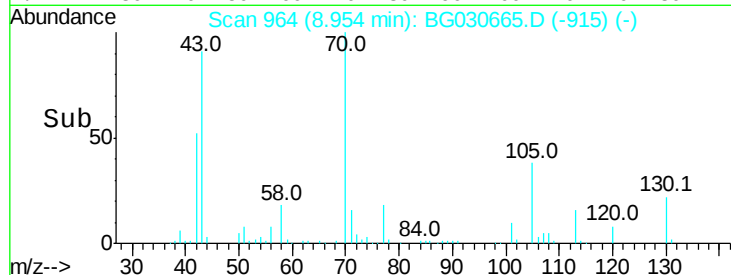
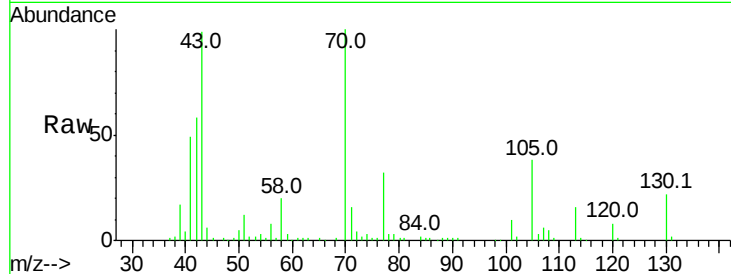
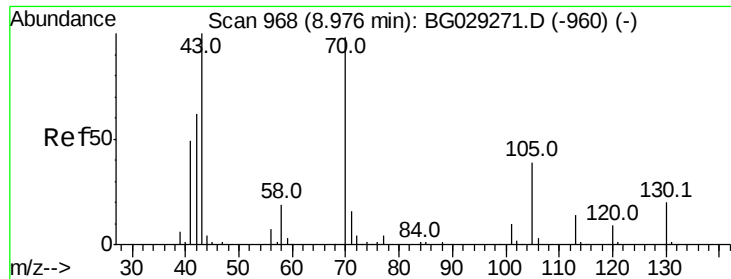
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#18  
Hexachloroethane  
Concen: 30.218 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 49447 |       |       |
| 119     | 94.0  | 76.7  | 115.1 |       |
| 201     | 113.7 | 95.7  | 143.5 |       |





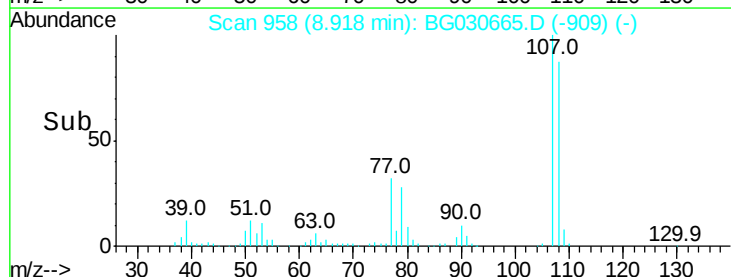
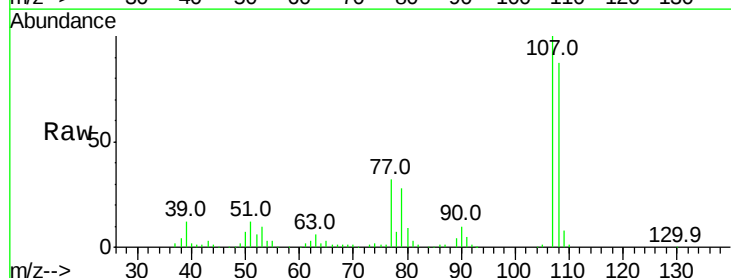
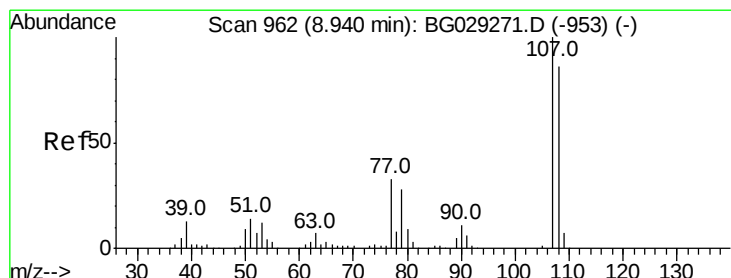
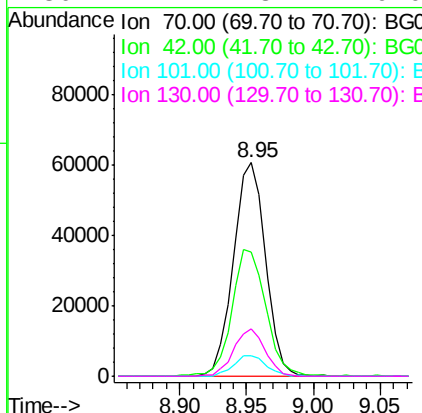
#19  
n-Nitroso-di-n-propylamine  
Concen: 28.994 ng  
RT: 8.95 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.2  | 49.1  | 73.7  |
| 101     | 9.9   | 8.5   | 12.7  |
| 130     | 22.4  | 13.4  | 20.0  |

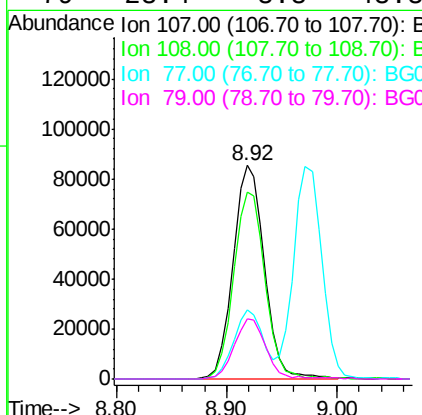
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 32.752 ng  
RT: 8.92 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.3  | 61.6  | 101.6 |
| 77      | 32.3  | 13.9  | 53.9  |
| 79      | 28.4  | 8.8   | 48.8  |





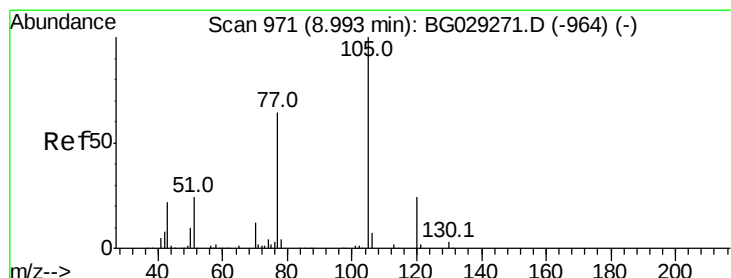
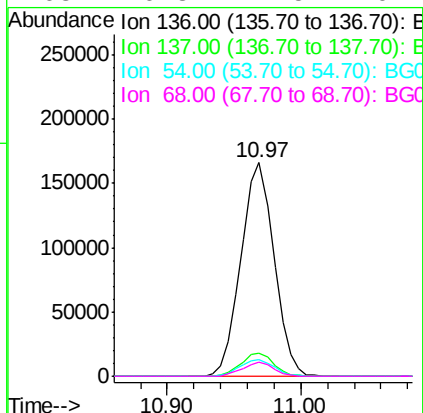
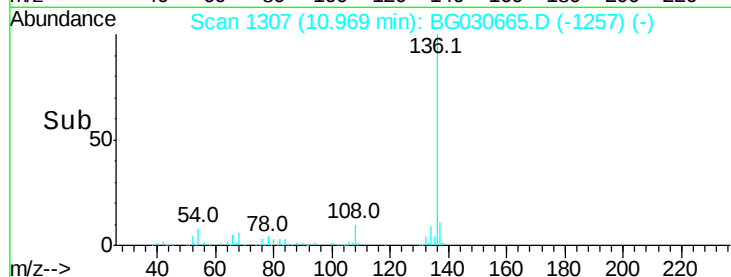
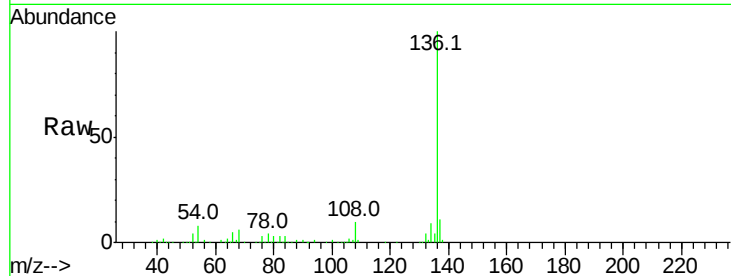
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampled :  
PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 9.2  | 13.8  |       |
| 54      | 7.5   | 10.3 | 15.5  |       |
| 68      | 6.3   | 4.5  | 6.7   |       |

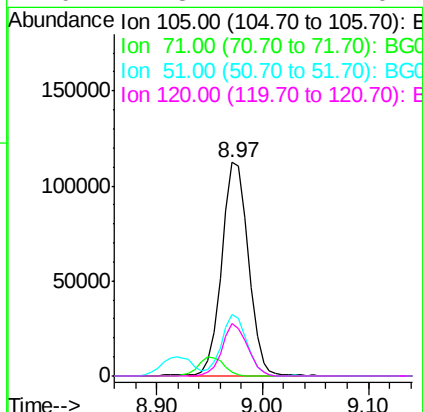
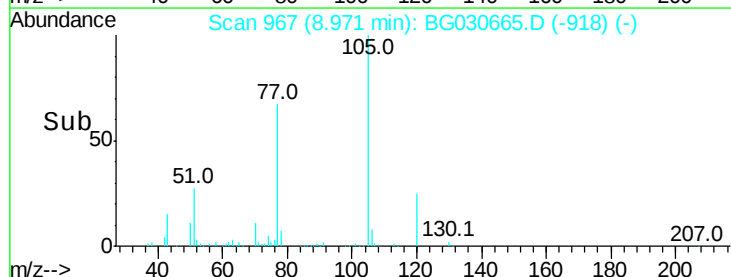
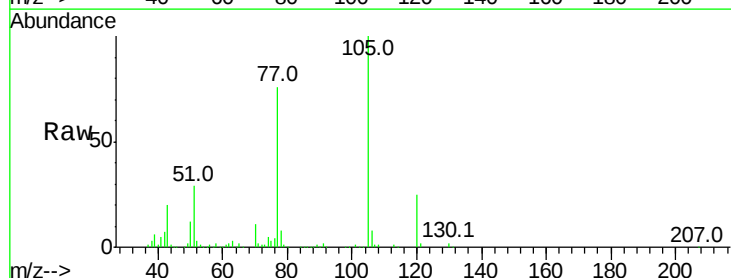
Manual Integrations  
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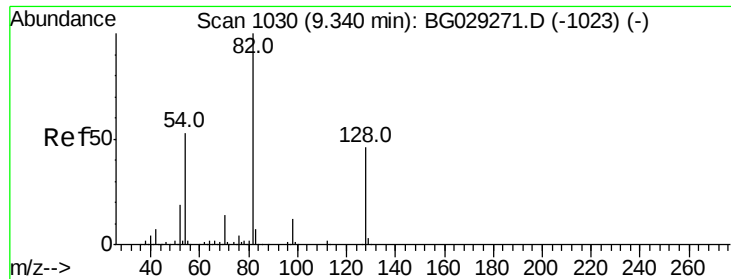
Sohil  
11/3/2017 1:24:48 PM



#22  
Acetophenone  
Concen: 28.616 ng  
RT: 8.97 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.9   | 3.0  | 4.4   |       |
| 51      | 29.0  | 26.1 | 39.1  |       |
| 120     | 24.8  | 17.4 | 26.2  |       |





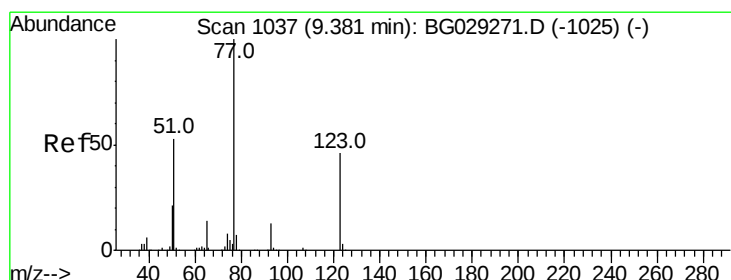
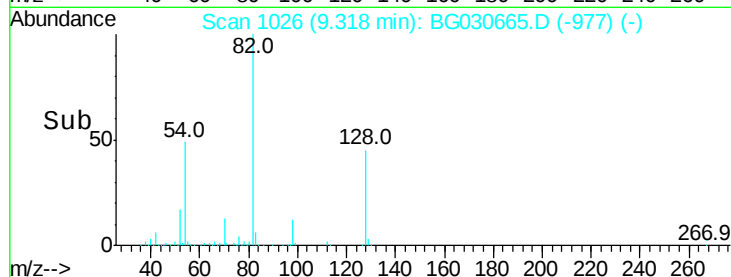
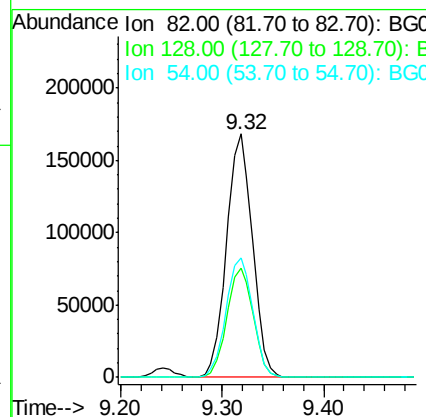
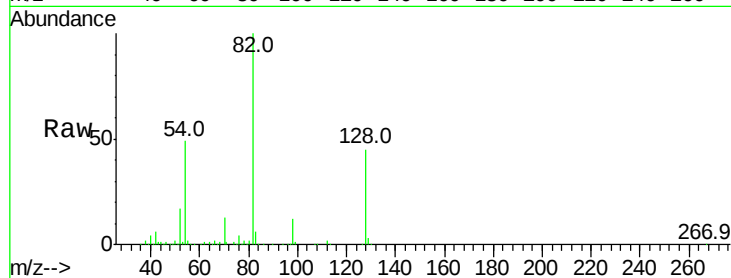
#23  
 Nitrobenzene-d5  
 Concen: 66.354 ng  
 RT: 9.32 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 298134 |       |       |
| 128     | 44.7  | 29.7   | 44.5# |       |
| 54      | 49.1  | 43.1   | 64.7  |       |

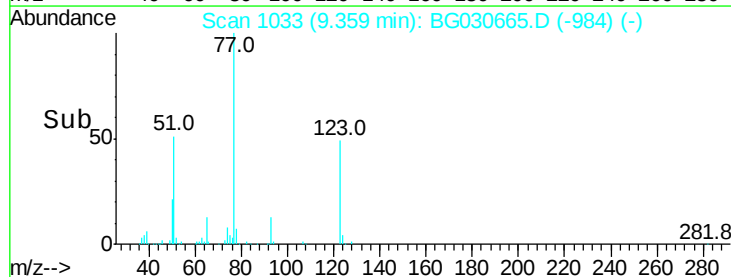
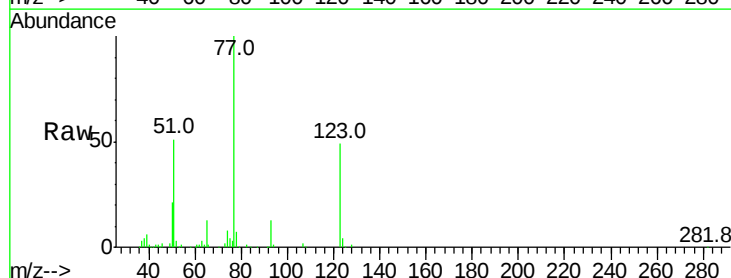
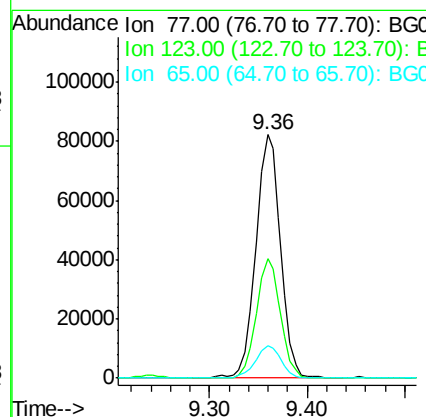
Manual Integrations  
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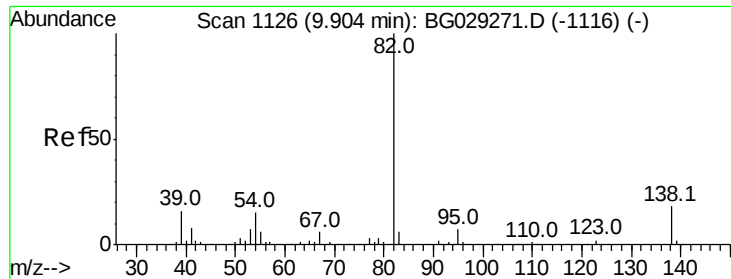
Sohil  
 11/3/2017 1:24:48 PM



#24  
 Nitrobenzene  
 Concen: 28.995 ng  
 RT: 9.36 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 146479 |       |       |
| 123     | 48.8  | 33.0   | 49.6  |       |
| 65      | 13.2  | 13.0   | 19.6  |       |





#25

Isophorone

Concen: 30.312 ng

RT: 9.88 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

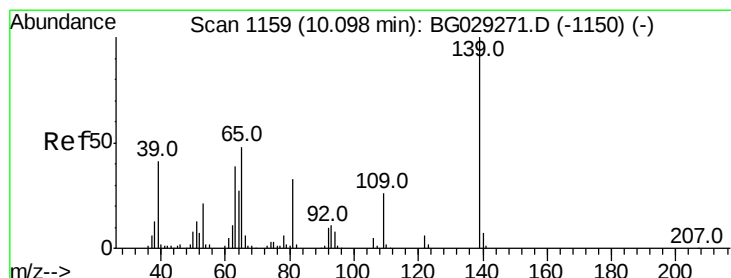
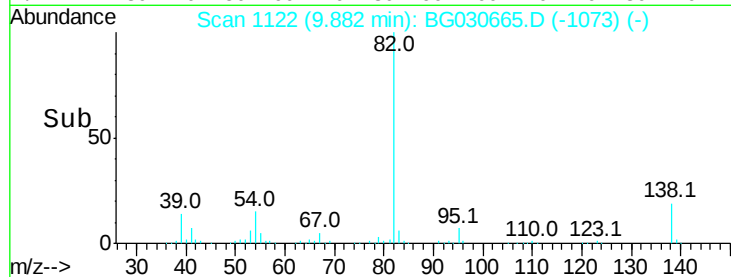
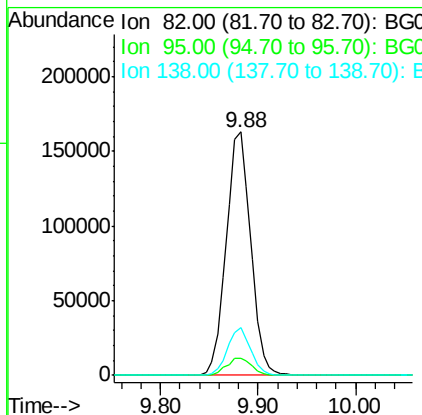
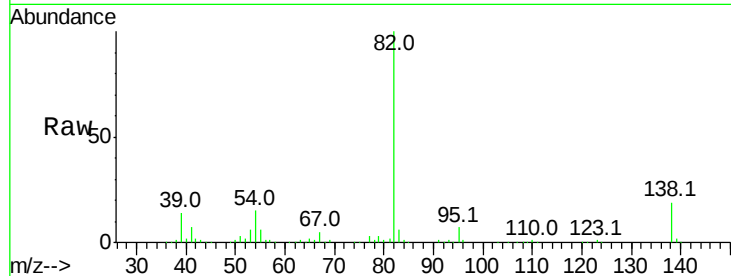
ClientSampleId :

PB103878BS

| Tot Ion   | 82    | Resp  | 284322 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 6.2   | 9.2    |
| 138       | 19.4  | 12.1  | 18.1#  |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.753 ng

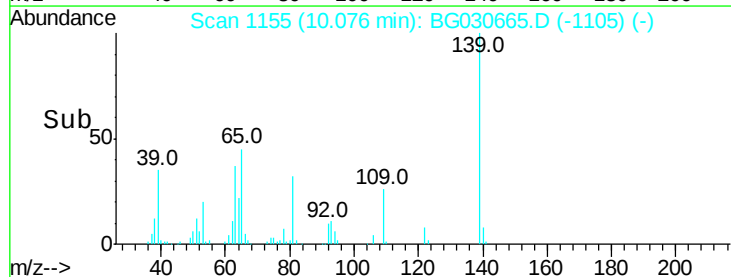
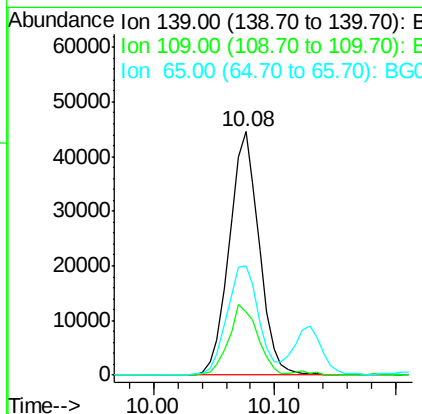
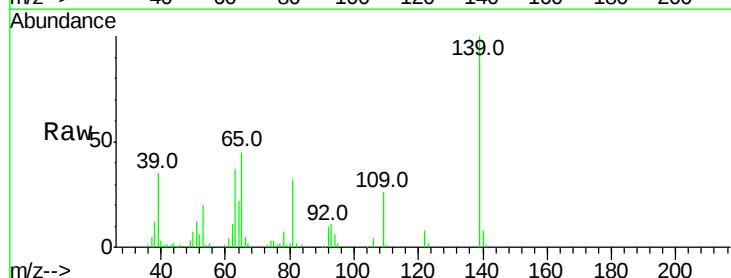
RT: 10.08 min Scan# 1155

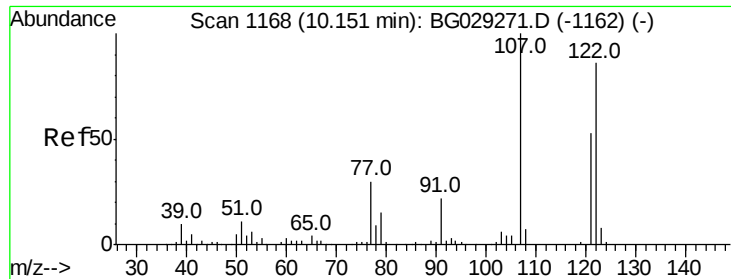
Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

| Tgt Ion   | 139   | Resp  | 76668 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.0  | 24.2  | 36.2  |
| 65        | 44.7  | 47.4  | 71.0# |





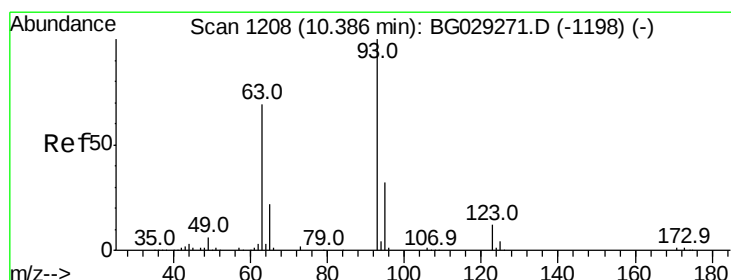
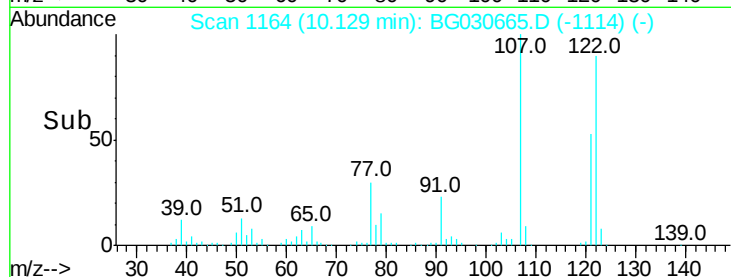
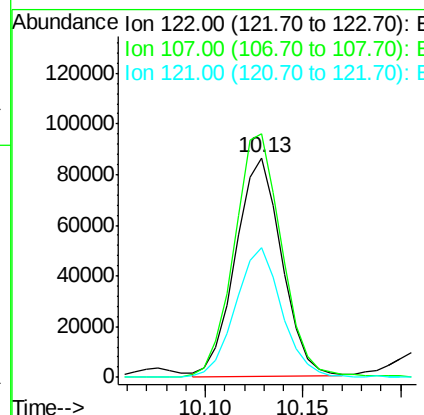
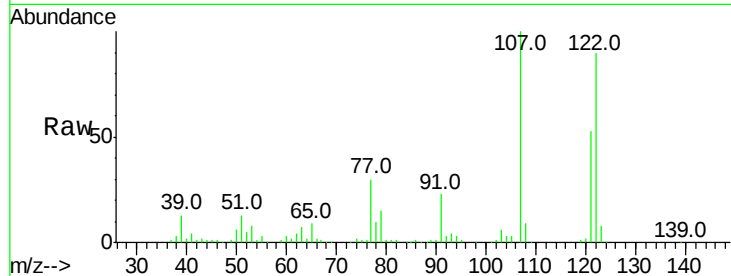
#27  
2,4-Dimethylphenol  
Concen: 32.427 ng  
RT: 10.13 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.8 | 100.2 | 150.2 |
| 121     | 58.7  | 44.4  | 66.6  |

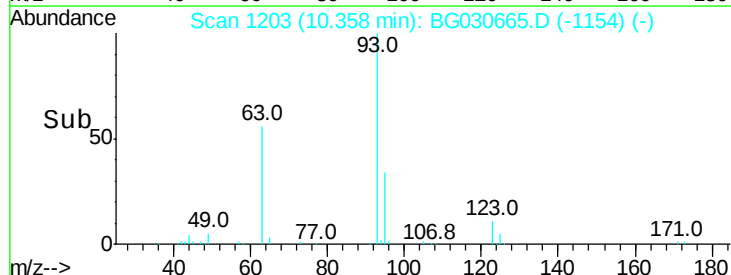
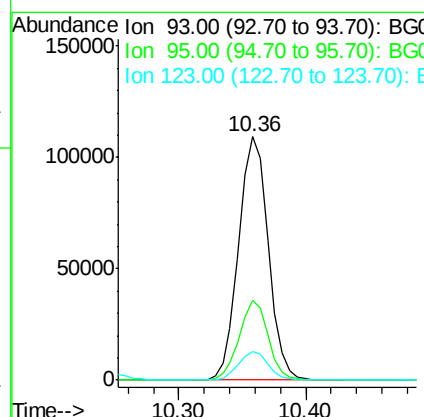
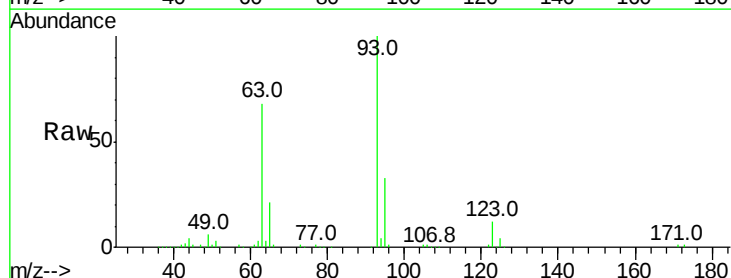
Manual Integrations  
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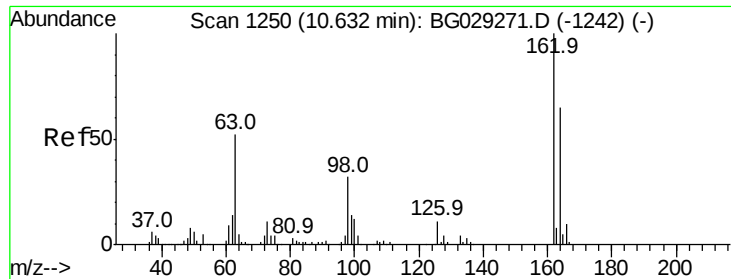
Sohil  
11/3/2017 1:24:48 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 30.756 ng  
RT: 10.36 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 24.3  | 36.5  |
| 123     | 11.6  | 8.4   | 12.6  |





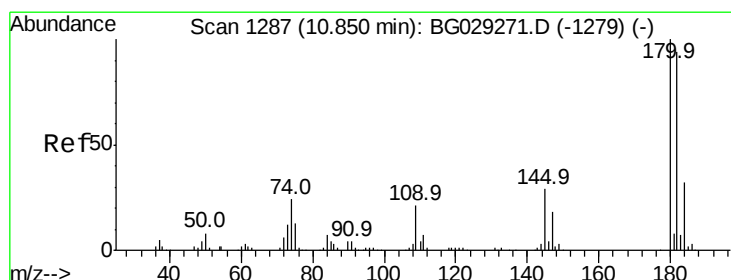
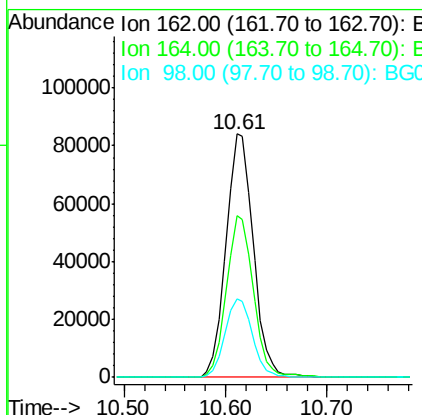
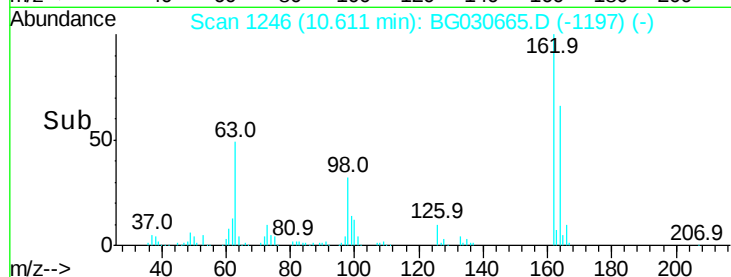
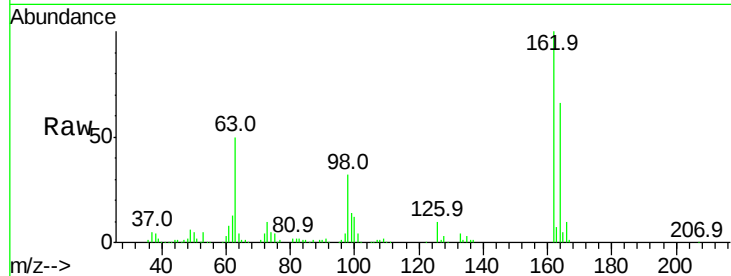
#29  
 2,4-Dichlorophenol  
 Concen: 33.861 ng  
 RT: 10.61 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 157740 |       |       |
| 164     | 66.2  | 48.0   | 88.0  |       |
| 98      | 32.0  | 21.1   | 61.1  |       |

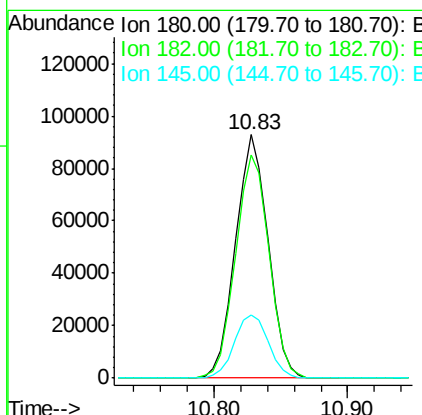
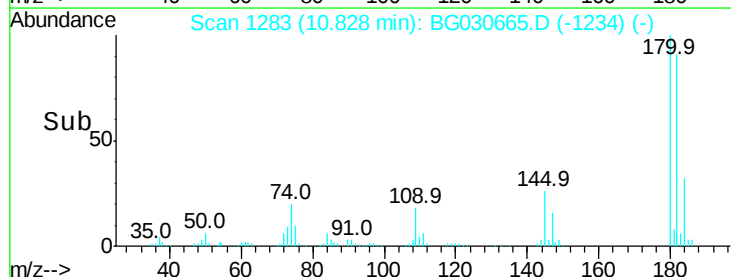
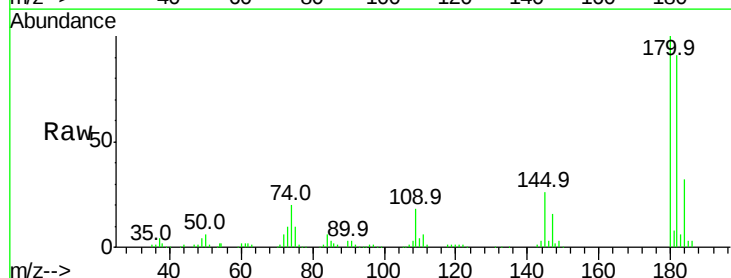
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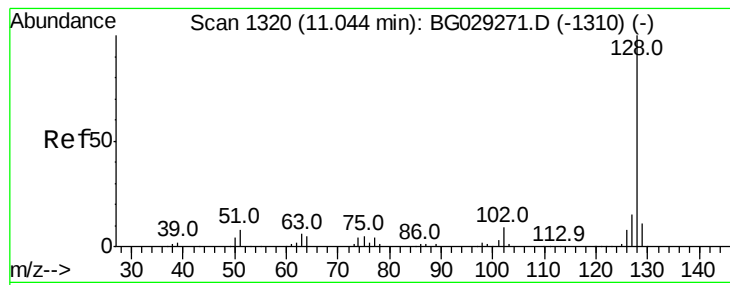
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 31.170 ng  
 RT: 10.83 min Scan# 1283  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 156875 |       |       |
| 182     | 91.4  | 77.5   | 116.3 |       |
| 145     | 26.0  | 23.4   | 35.2  |       |





#31

Naphthalene

Concen: 29.397 ng

RT: 11.02 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

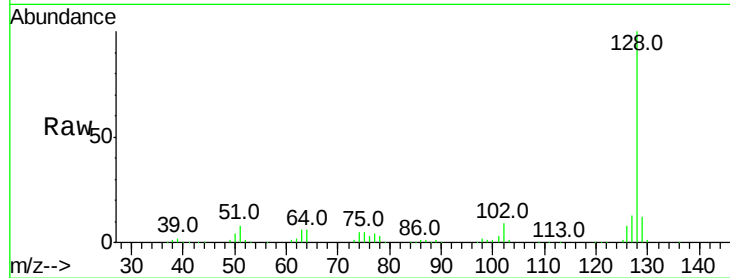
ClientSampleId :

PB103878BS

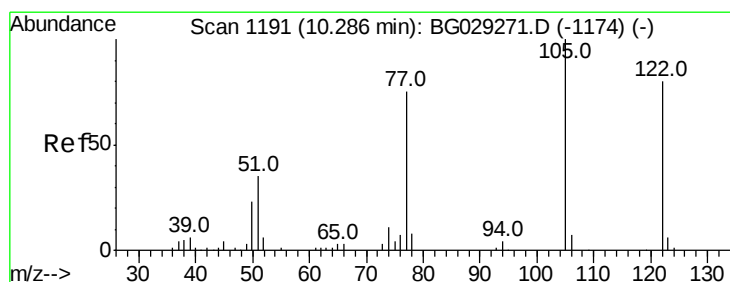
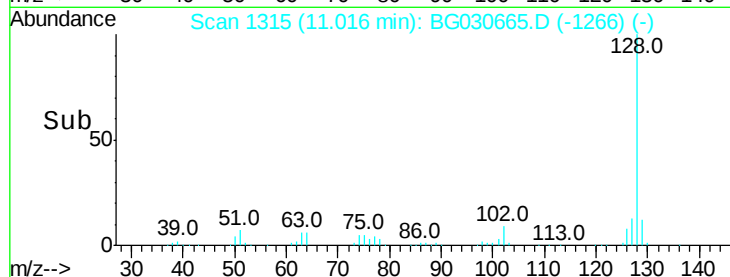
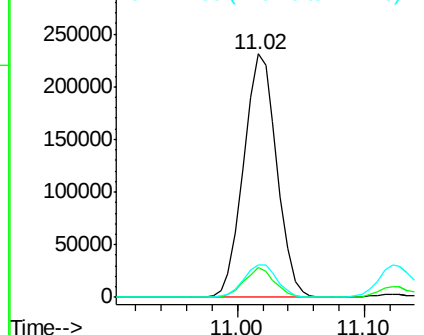
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 418316    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 12.0  | 8.6 12.8  |
| 127         | 13.4  | 11.6 17.4 |

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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.815 ng

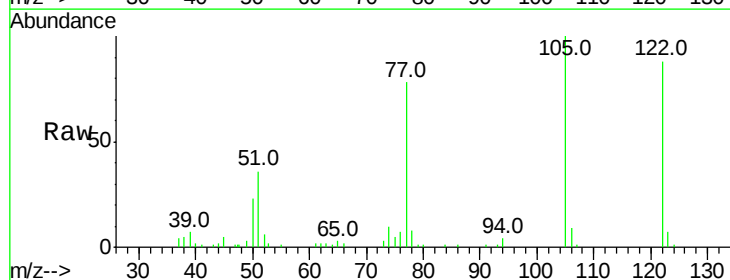
RT: 10.25 min Scan# 1184

Delta R.T. -0.03 min

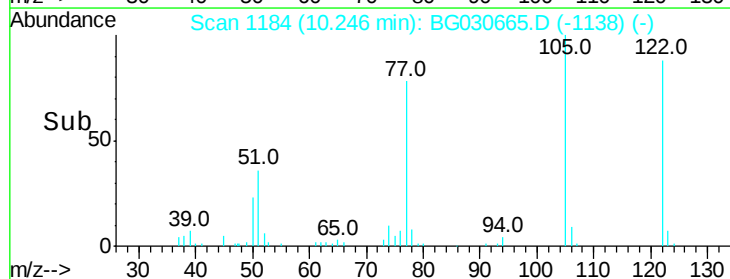
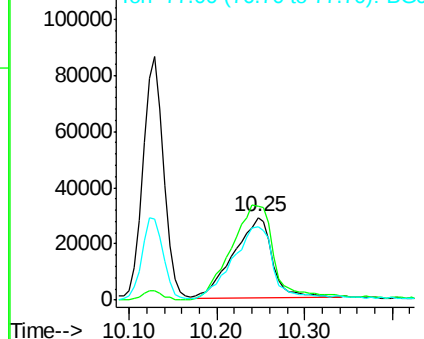
Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:122 | Resp: | 87112        |
| Ion Ratio   | Lower | Upper        |
| 122         | 100   |              |
| 105         | 114.2 | 123.5 163.5# |
| 77          | 88.5  | 85.7 125.7   |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





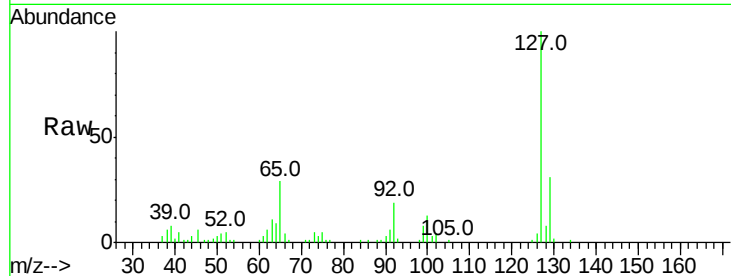
#33  
4-Chloroaniline  
Concen: 10.382 ng  
RT: 11.12 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.6  | 24.0  | 36.0  |
| 65      | 29.4  | 27.0  | 40.4  |
| 92      | 18.7  | 16.6  | 25.0  |

Manual Integrations  
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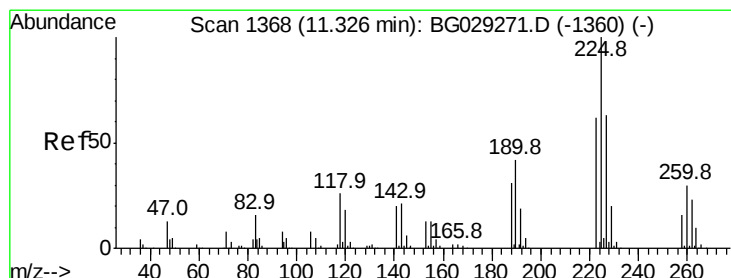
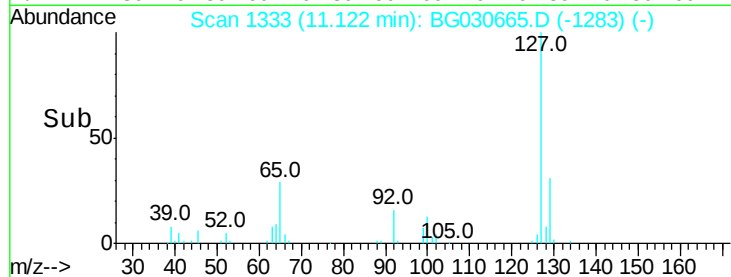
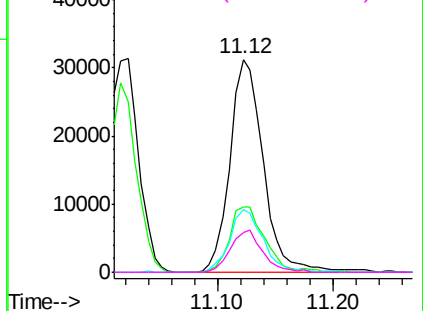
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 30.634 ng  
RT: 11.30 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

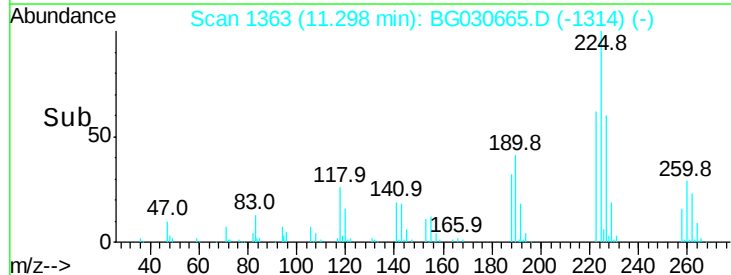
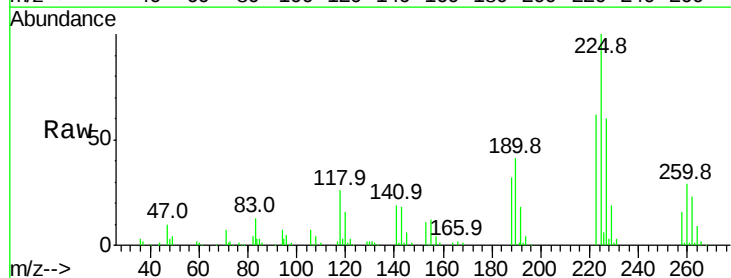
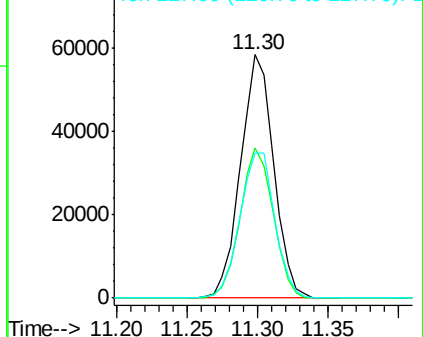
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 49.7  | 74.5  |
| 227     | 59.7  | 48.1  | 72.1  |

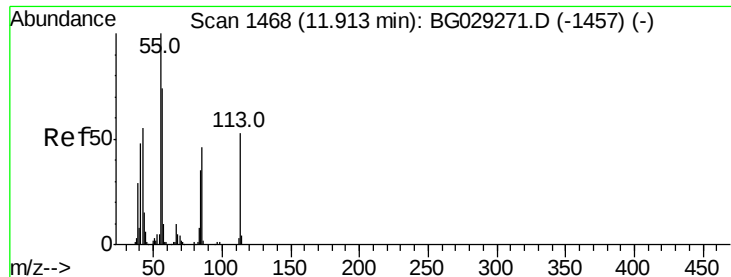
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.848 ng/ml

RT: 11.87 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

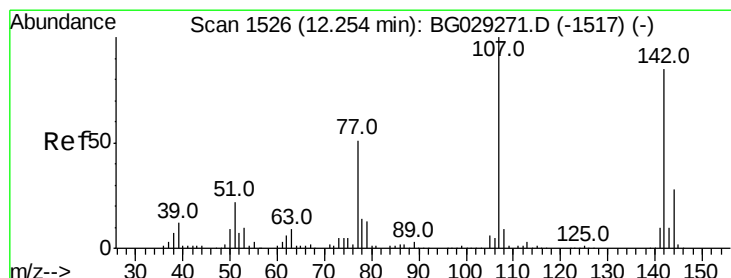
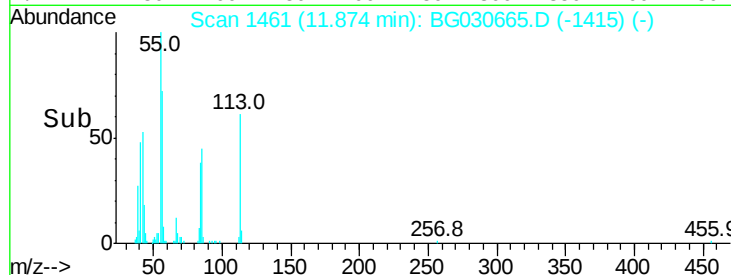
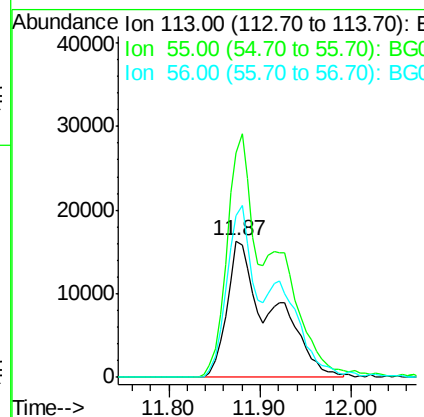
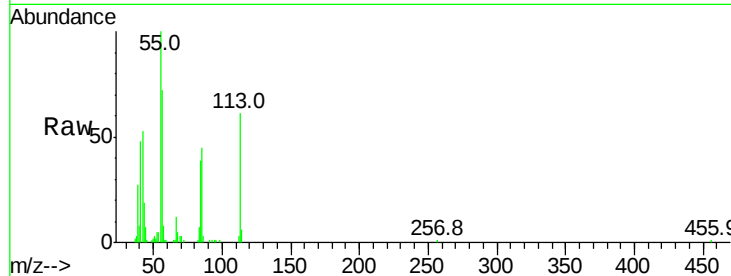
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 55501  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 164.8 | 186.9 | 226.9# |
| 56        | 118.4 | 130.9 | 170.9# |

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#36

4-Chloro-3-methylphenol

Concen: 32.254 ng/ml

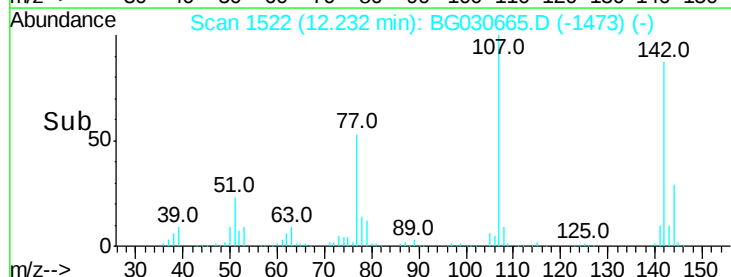
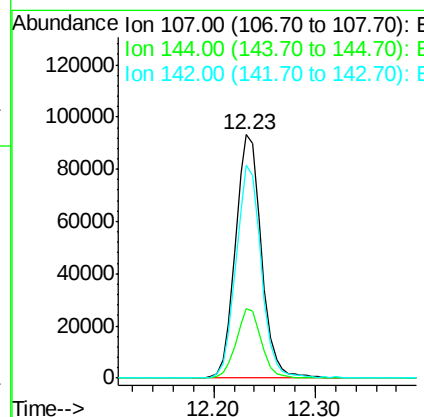
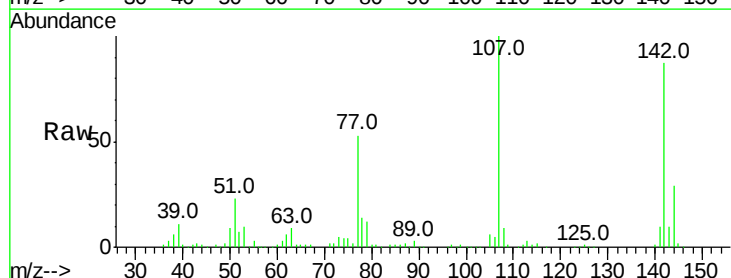
RT: 12.23 min Scan# 1522

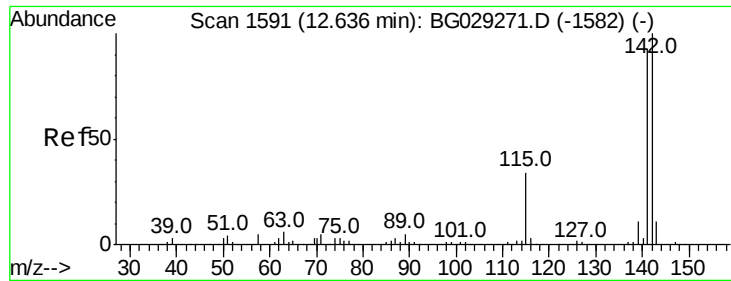
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 165256 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 28.6  | 18.2  | 27.4#  |
| 142       | 87.4  | 59.0  | 88.4   |





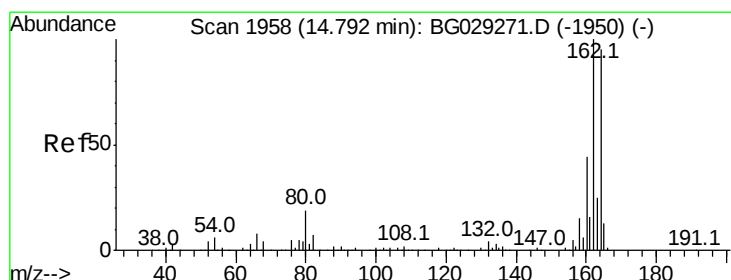
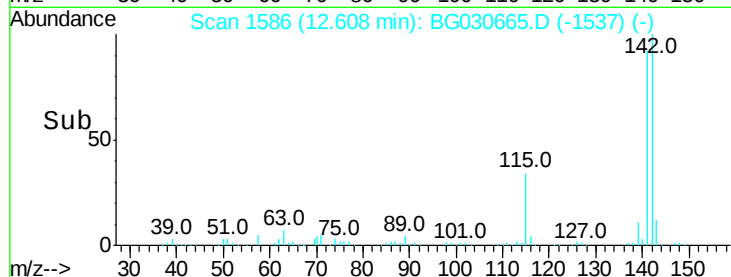
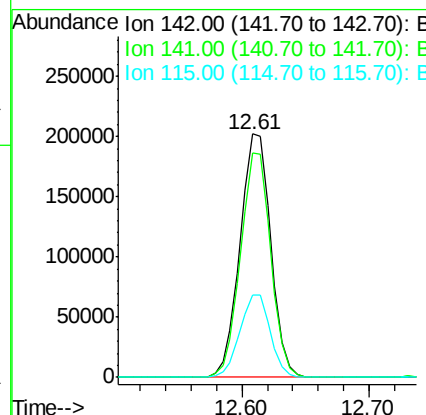
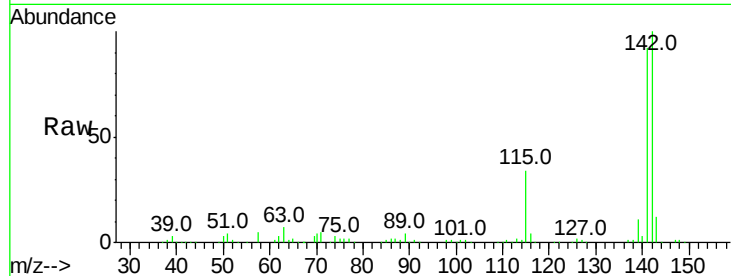
#37  
2-Methylnaphthalene  
Concen: 32.699 ng  
RT: 12.61 min Scan# 1586  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampled :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 67.1  | 100.7 |
| 115     | 33.8  | 30.7  | 46.1  |

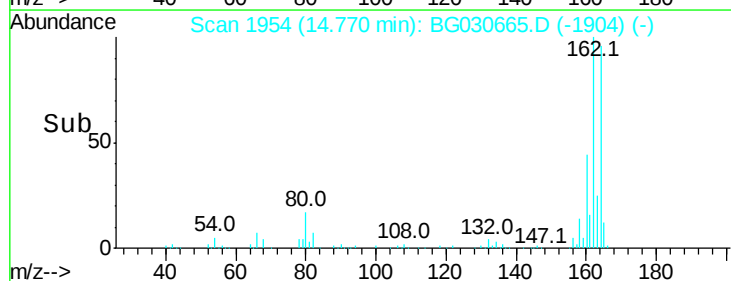
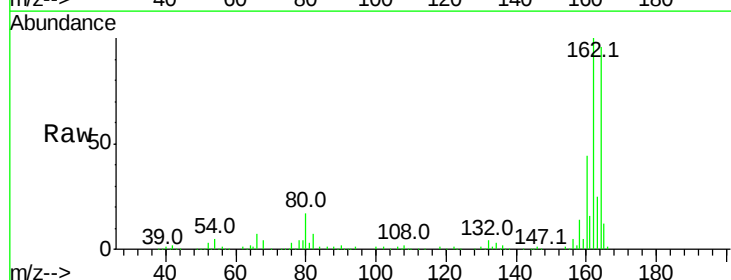
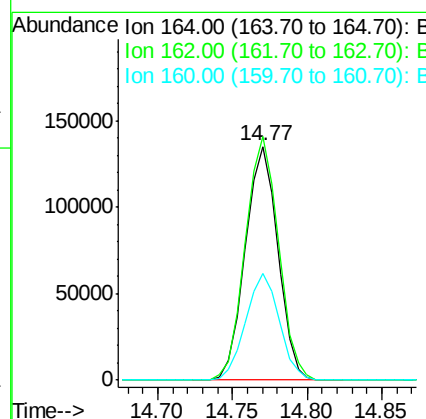
Manual Integrations  
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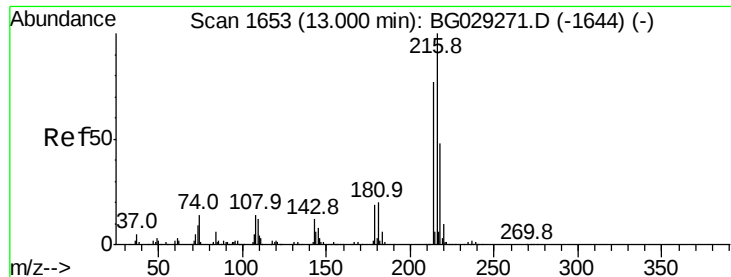
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.2 | 78.8  | 118.2 |
| 160     | 45.9  | 35.4  | 53.0  |





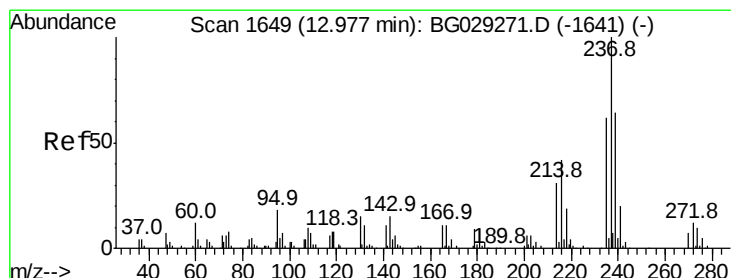
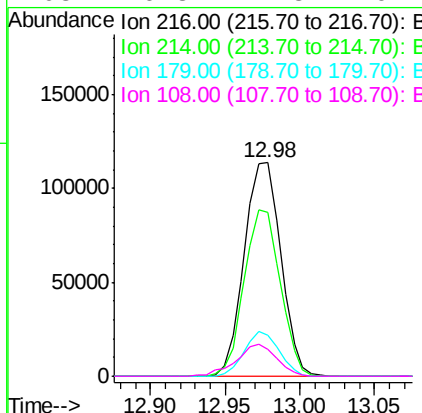
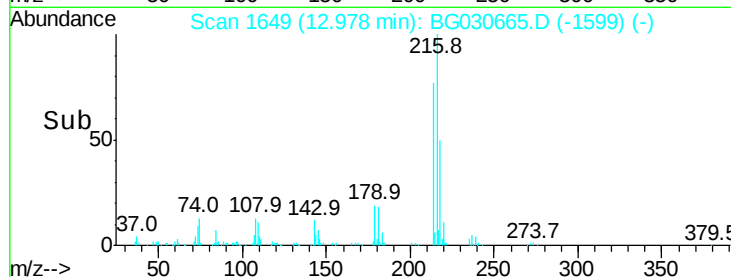
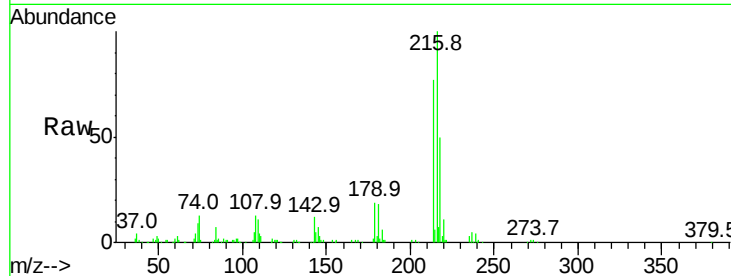
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 25.911 ng  
 RT: 12.98 min Scan# 1649  
 Delta R.T. -0.00 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 76.9  | 63.0 | 94.4  |       |
| 179     | 19.9  | 17.0 | 25.6  |       |
| 108     | 16.3  | 12.8 | 19.2  |       |

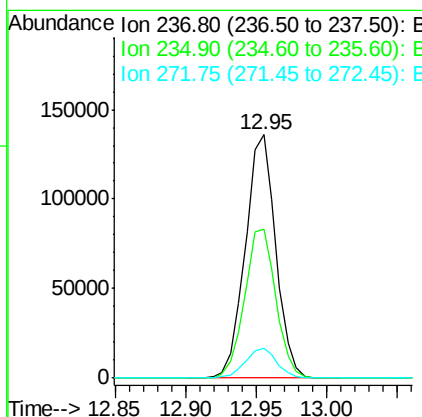
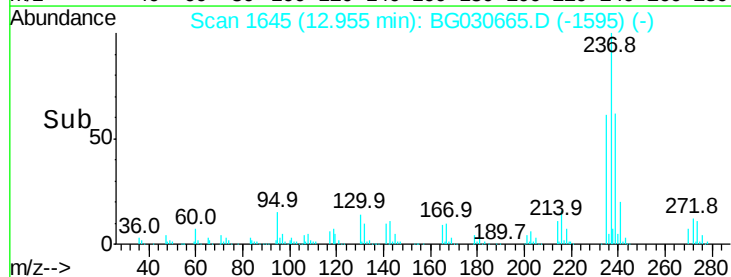
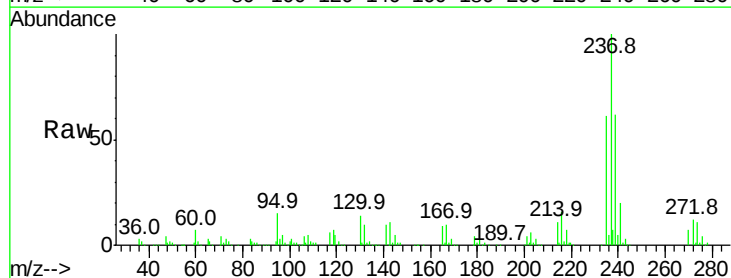
Manual Integrations  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 73.030 ng  
 RT: 12.95 min Scan# 1645  
 Delta R.T. -0.00 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 61.1  | 50.4 | 90.4  |       |
| 272     | 12.5  | 0.0  | 31.8  |       |





#41

2,4,6-Tribromophenol

Concen: 73.413 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

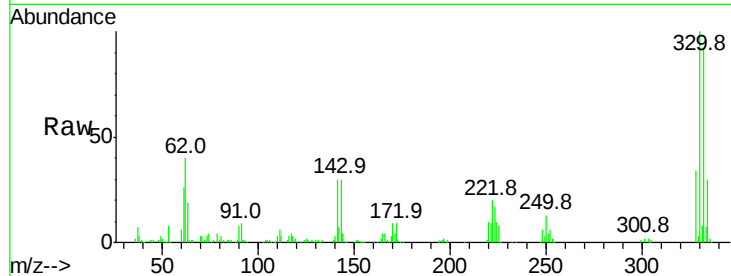
ClientSampleId :

PB103878BS

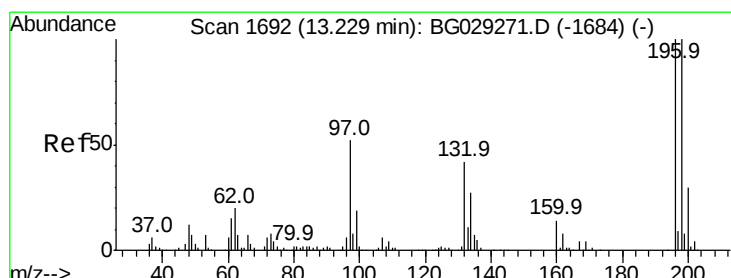
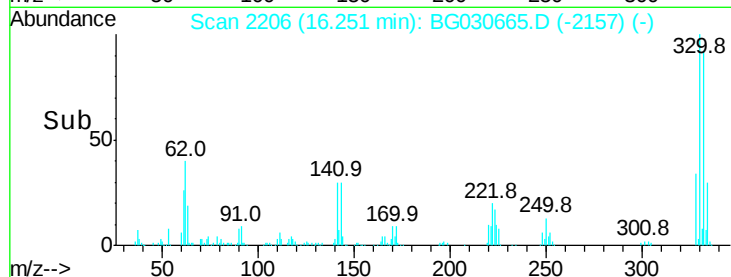
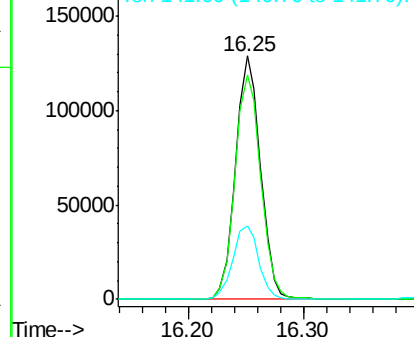
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 193654 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.1  | 77.0  | 115.6  |
| 141       | 31.4  | 25.2  | 37.8   |

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



#42

2,4,6-Trichlorophenol

Concen: 30.452 ng

RT: 13.21 min Scan# 1688

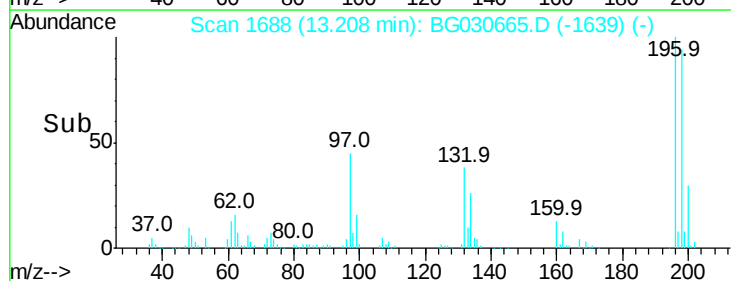
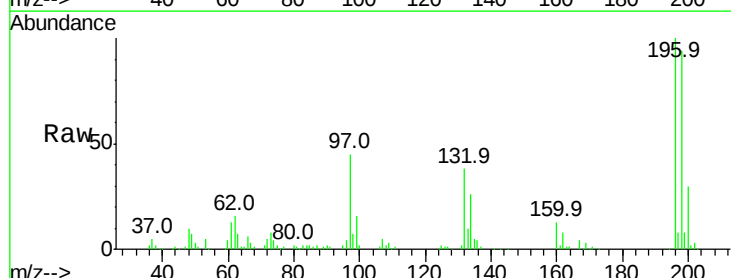
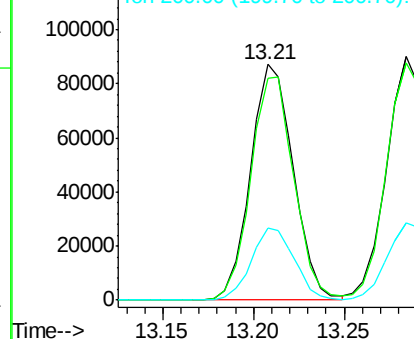
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 142596 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.0  | 78.2  | 117.2  |
| 200       | 30.5  | 24.6  | 36.8   |

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





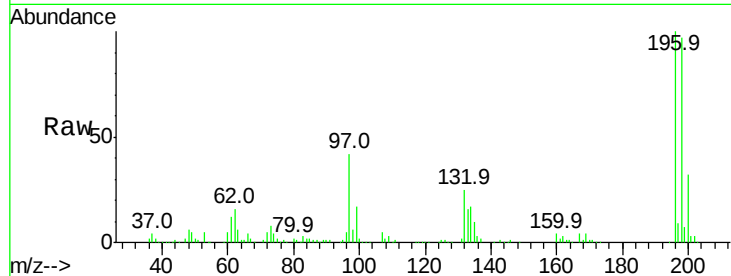
#43  
 2,4,5-Trichlorophenol  
 Concen: 32.226 ng  
 RT: 13.28 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 154976 |       |       |
| 198     | 97.4  | 76.2   | 114.4 |       |
| 97      | 41.7  | 38.7   | 58.1  |       |
| 132     | 25.4  | 20.2   | 30.2  |       |

Manual Integrations  
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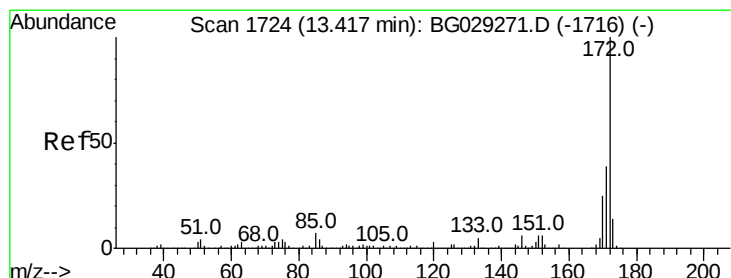
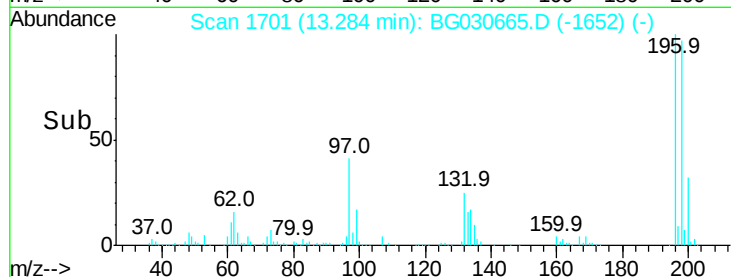
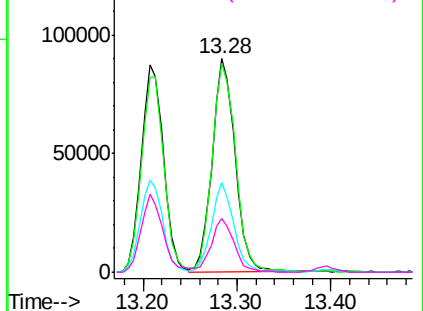
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 62.521 ng  
 RT: 13.40 min Scan# 1720  
 Delta R.T. -0.00 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

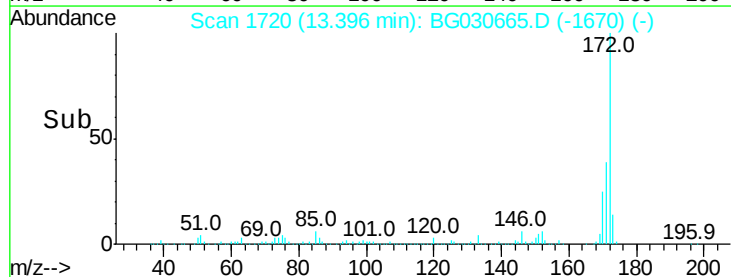
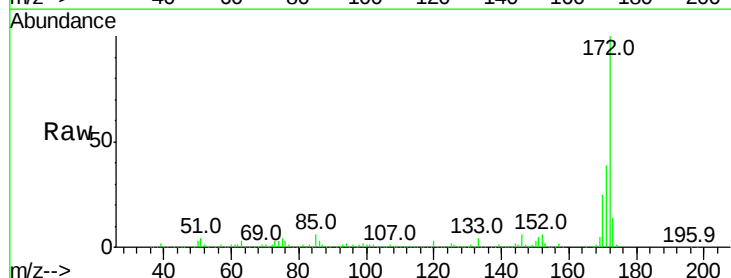
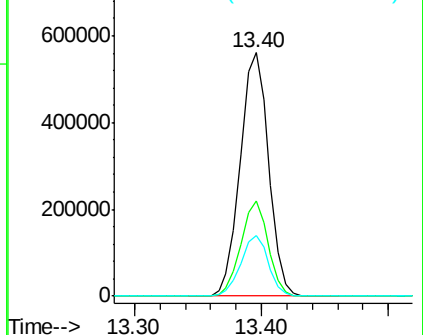
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 870947 |       |       |
| 171     | 39.0  | 30.0   | 45.0  |       |
| 170     | 24.9  | 19.5   | 29.3  |       |

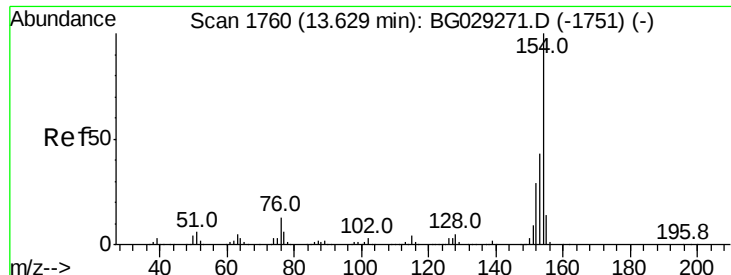
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





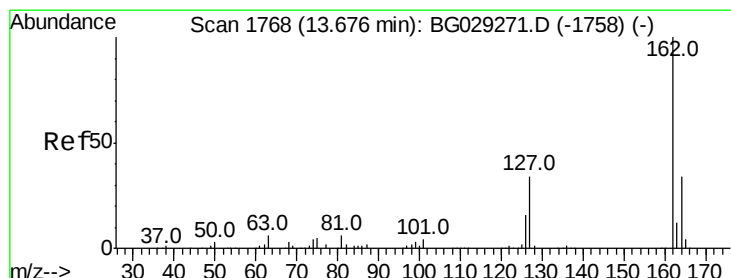
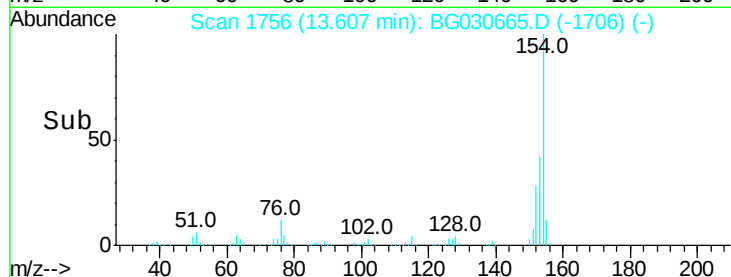
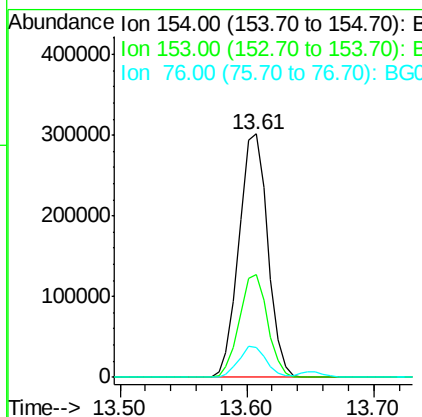
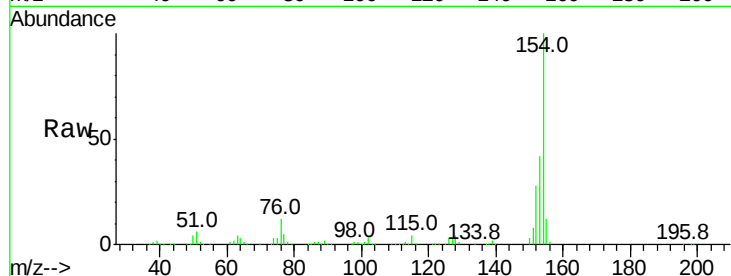
#45  
 1,1'-Biphenyl  
 Concen: 27.002 ng  
 RT: 13.61 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.0  | 19.8 | 59.8  |       |
| 76      | 12.2  | 0.0  | 31.9  |       |

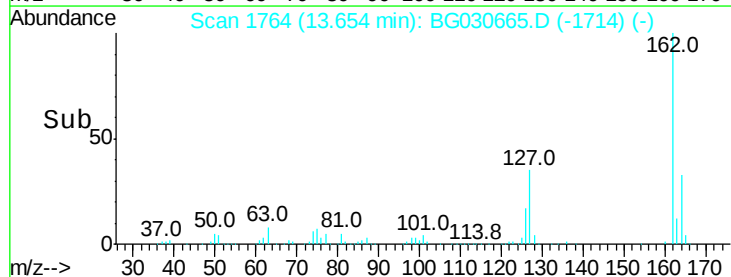
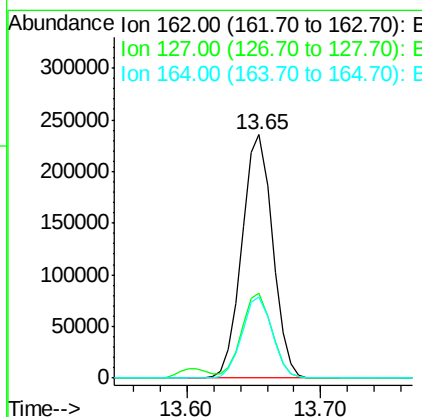
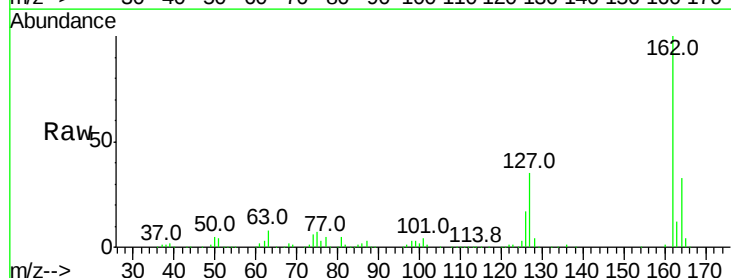
Manual Integrations  
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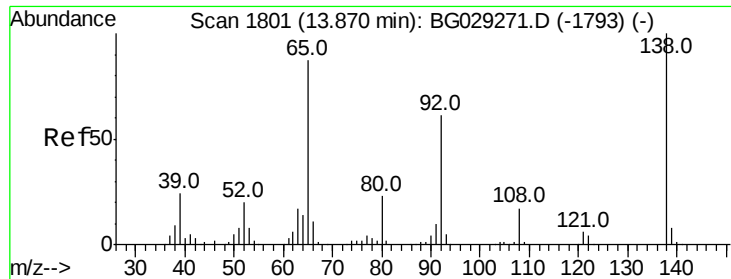
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#46  
 2-Chloronaphthalene  
 Concen: 29.125 ng  
 RT: 13.65 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 35.1  | 30.7 | 46.1  |       |
| 164     | 33.1  | 26.0 | 39.0  |       |





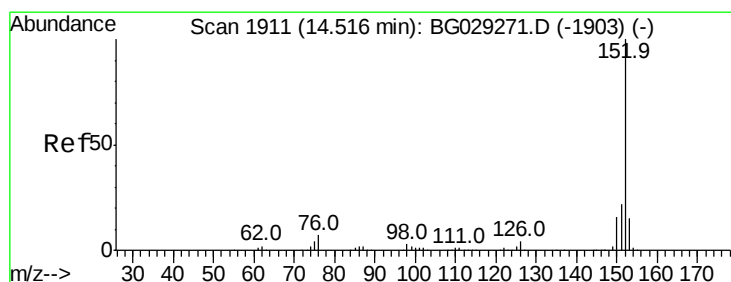
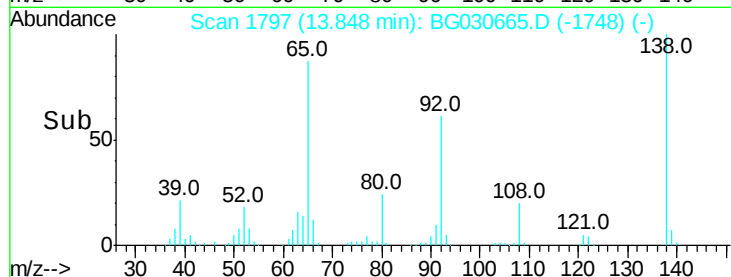
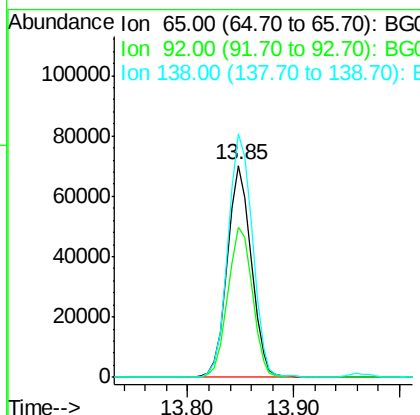
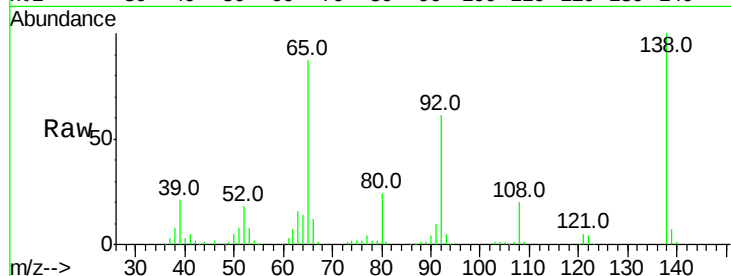
#47  
2-Nitroaniline  
Concen: 31.317 ng  
RT: 13.85 min Scan# 1797  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampled :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.7  | 54.6  | 82.0  |
| 138     | 115.1 | 72.9  | 109.3 |

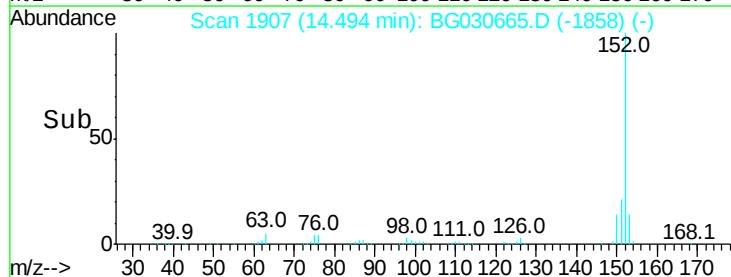
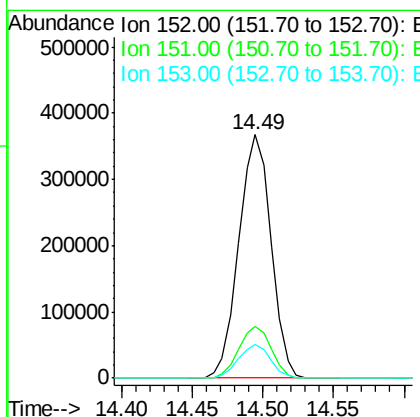
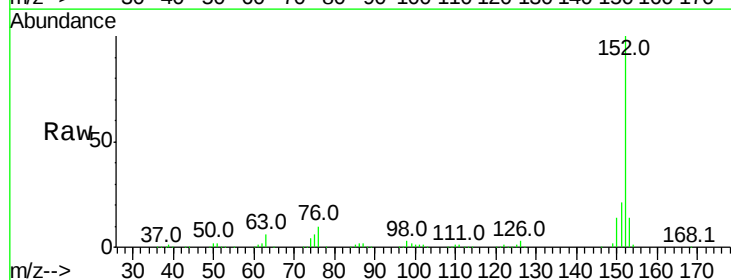
Manual Integrations  
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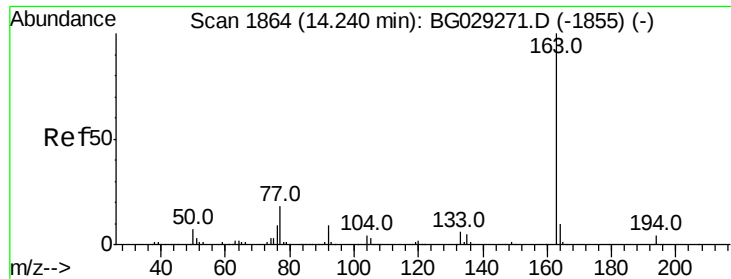
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#48  
Acenaphthylene  
Concen: 29.331 ng  
RT: 14.49 min Scan# 1907  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 17.2  | 25.8  |
| 153     | 14.0  | 10.2  | 15.4  |





#49

Dimethylphthalate

Concen: 30.827 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

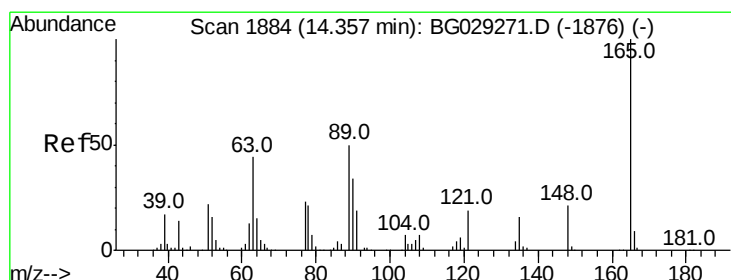
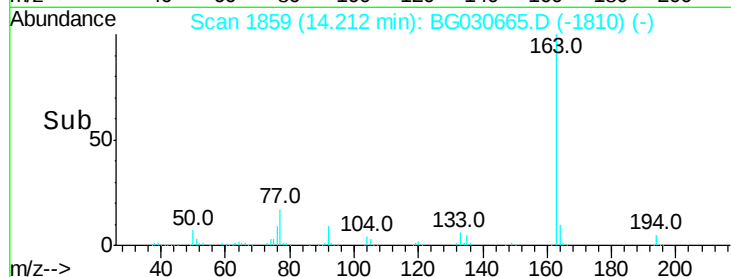
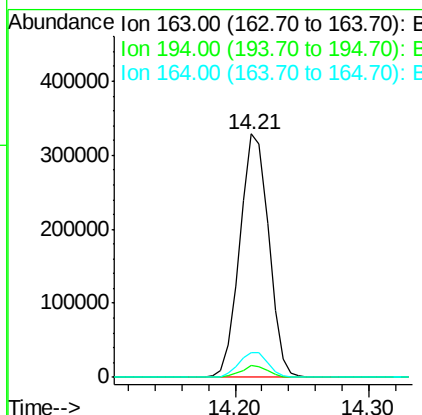
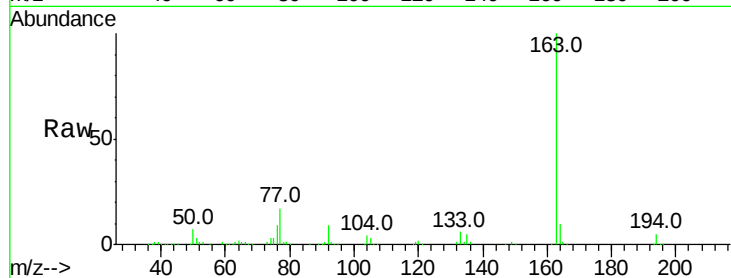
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 491407 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.0   | 3.4   | 5.2    |
| 164       | 10.2  | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 33.210 ng

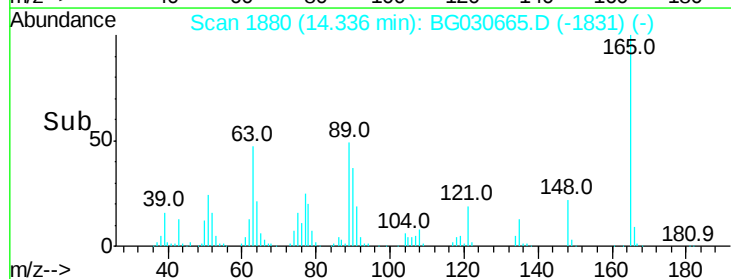
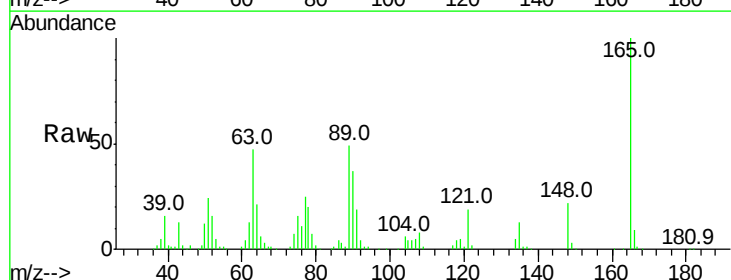
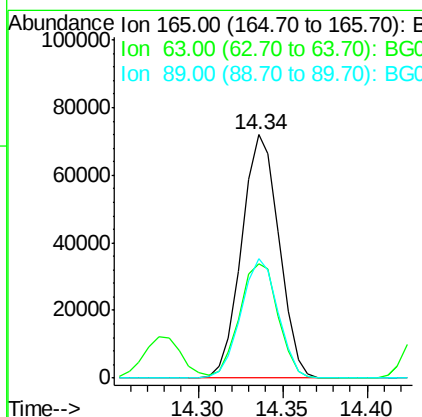
RT: 14.34 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 110978 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 47.1  | 52.7  | 79.1#  |
| 89        | 48.9  | 49.2  | 73.8#  |





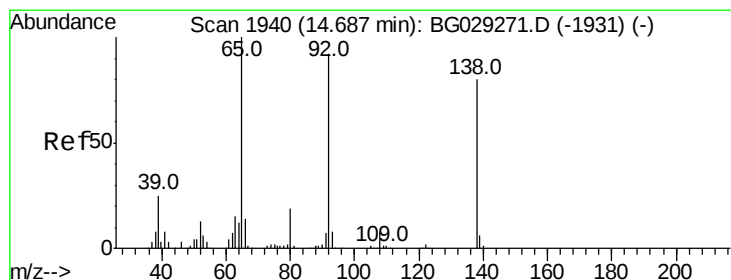
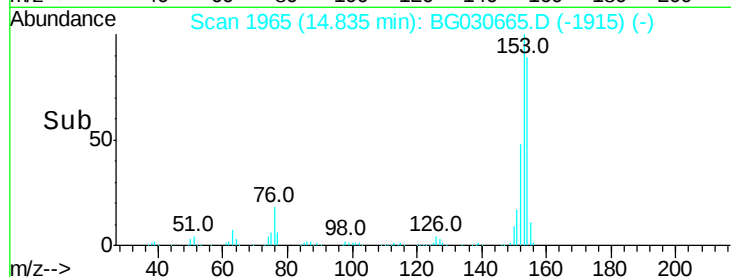
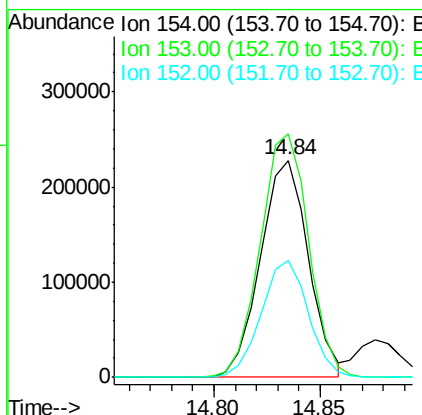
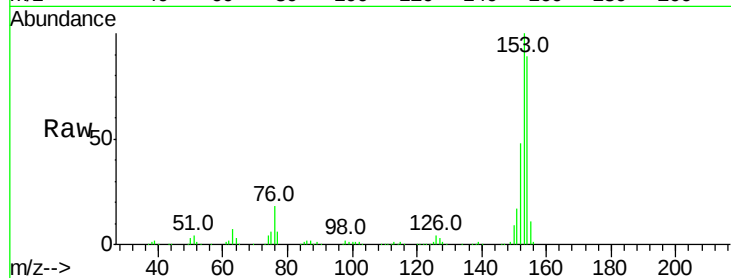
#51  
Acenaphthene  
Concen: 27.599 ng  
RT: 14.84 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.0 | 90.4  | 135.6 |
| 152     | 54.0  | 41.6  | 62.4  |

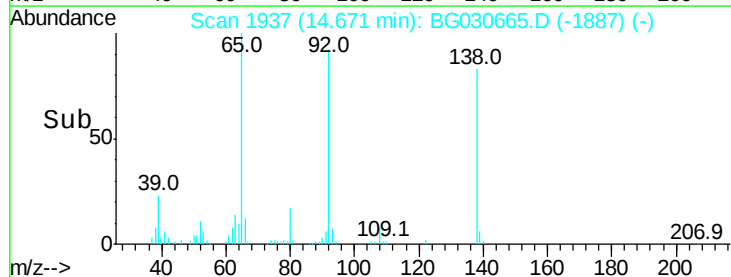
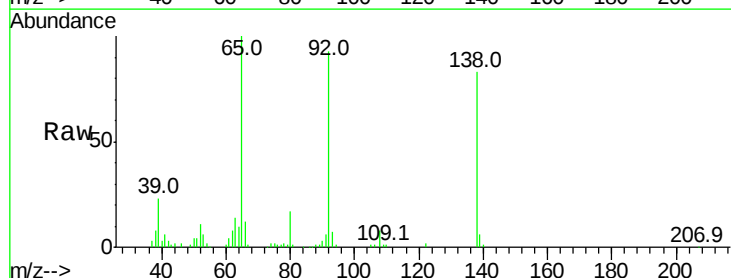
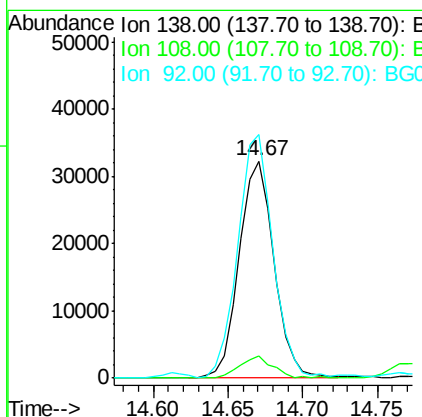
Manual Integrations  
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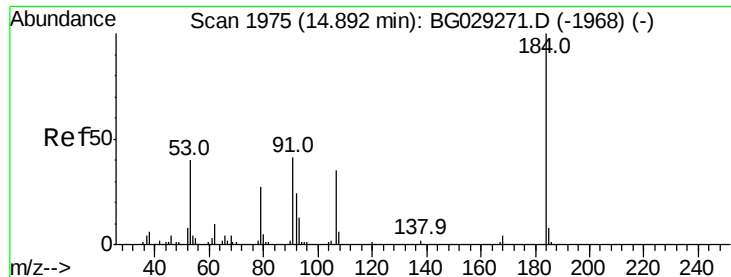
Sohil  
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#52  
3-Nitroaniline  
Concen: 14.611 ng  
RT: 14.67 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.1  | 17.5  | 26.3# |
| 92      | 112.2 | 105.8 | 158.8 |





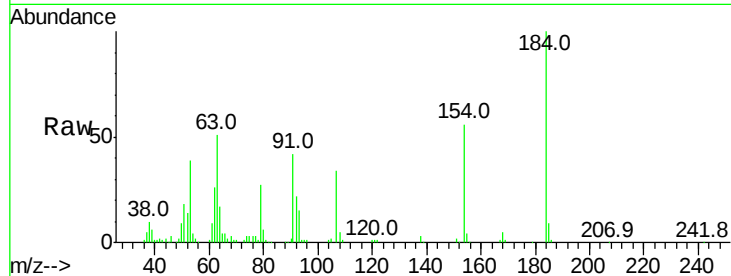
#53  
2,4-Dinitrophenol  
Concen: 63.740 ng  
RT: 14.88 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 51.4  | 59.8  | 89.8#  |
| 154     | 56.1  | 101.8 | 152.8# |

Manual Integrations  
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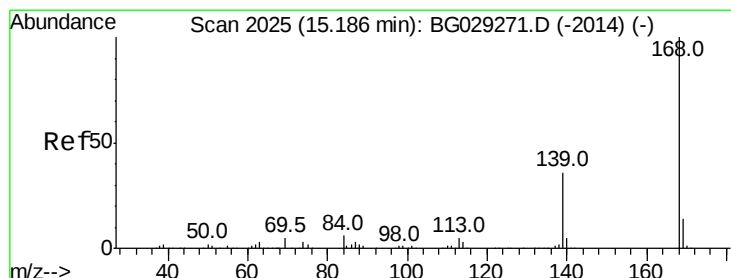
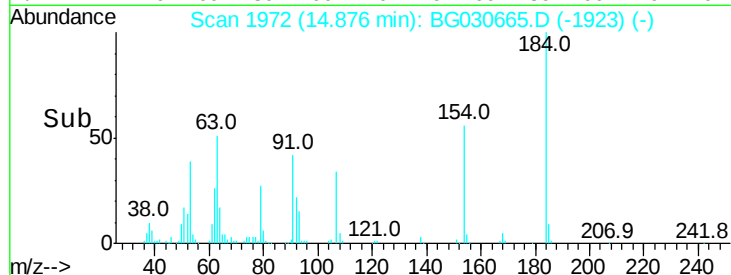
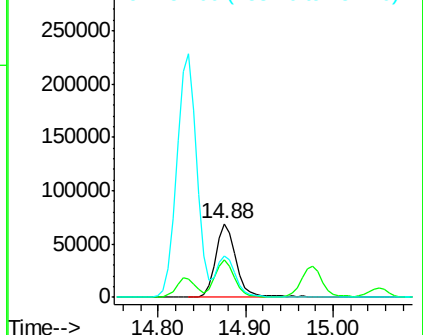


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54  
Dibenzofuran  
Concen: 32.447 ng  
RT: 15.16 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

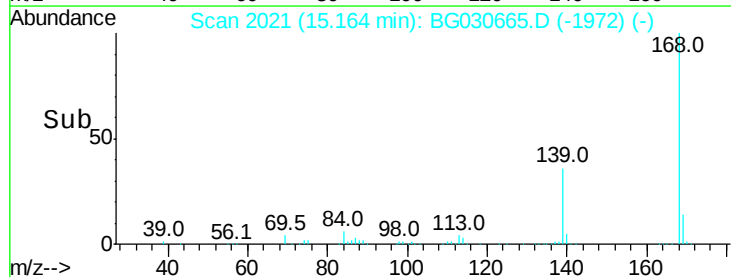
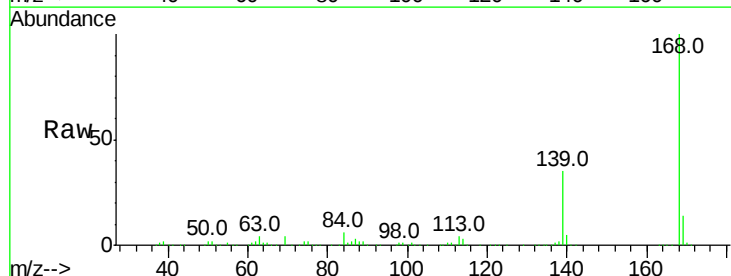
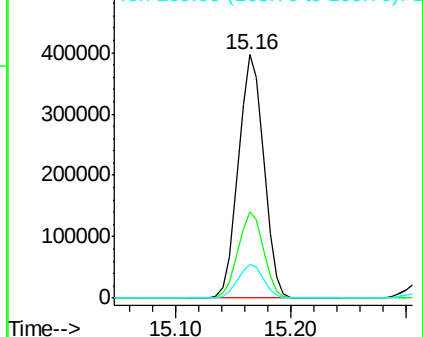
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.5  | 28.6  | 43.0  |
| 169     | 13.9  | 11.2  | 16.8  |

Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





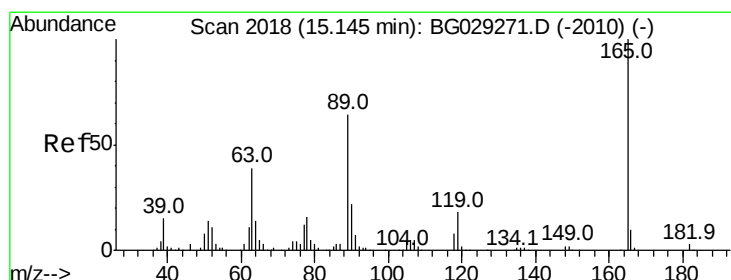
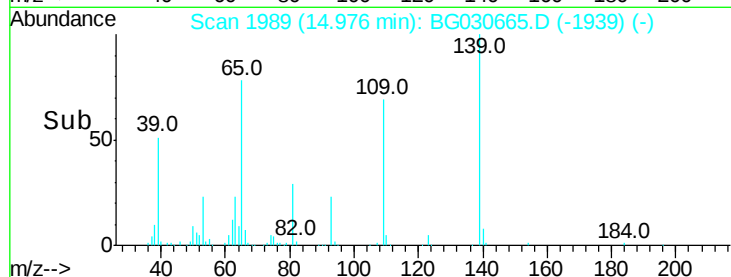
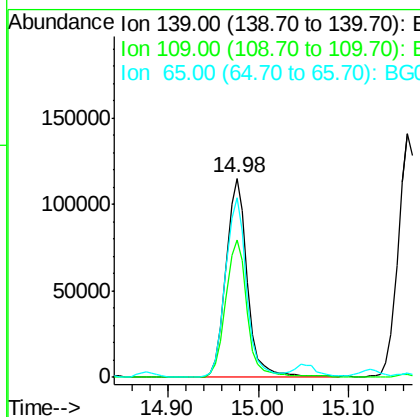
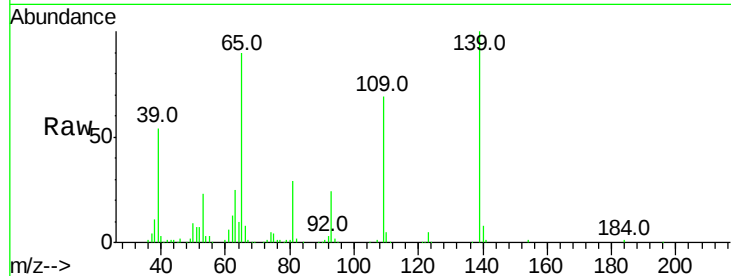
#55  
4-Nitrophenol  
Concen: 63.518 ng  
RT: 14.98 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 139     | 100   |      |        |       |
| 109     | 68.6  | 62.2 | 102.2  |       |
| 65      | 90.1  | 97.2 | 137.2# |       |

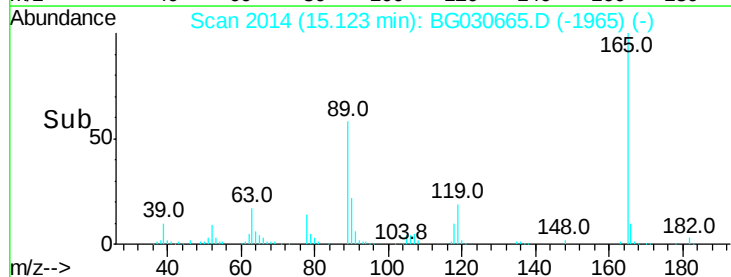
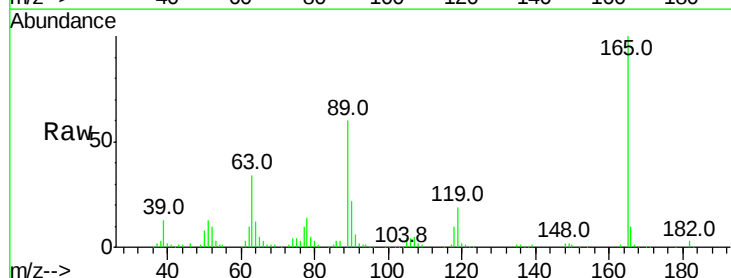
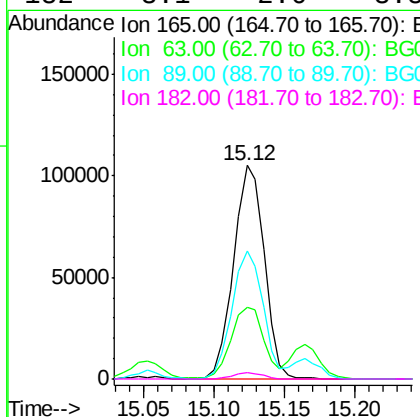
Manual Integrations  
APPROVED

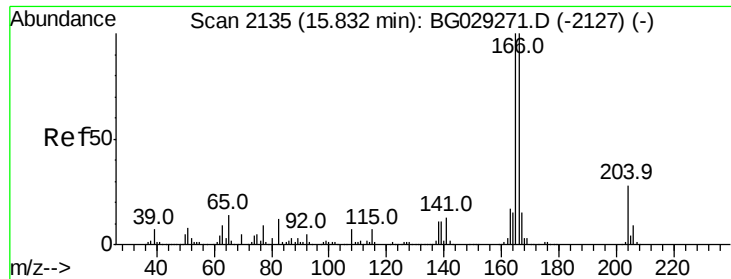
Sohil  
11/3/2017 1:24:48 PM



#56  
2,4-Dinitrotoluene  
Concen: 35.275 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 165     | 100   |      |        |       |
| 63      | 33.6  | 42.0 | 63.0#  |       |
| 89      | 59.8  | 66.9 | 100.3# |       |
| 182     | 3.1   | 2.6  | 3.8    |       |





#57

Fluorene

Concen: 31.347 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

ClientSampleId :

PB103878BS

Tot Ion:166 Resp: 482189

Ion Ratio Lower Upper

166 100

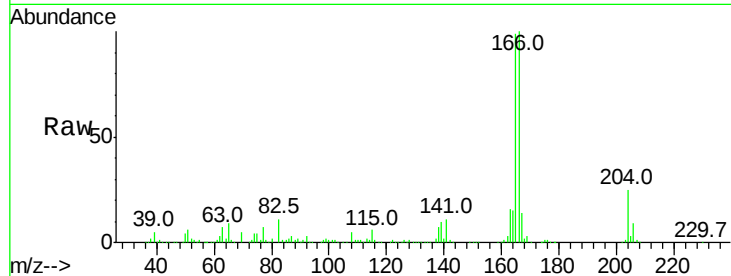
165 98.8 80.6 121.0

167 13.9 10.4 15.6

Manual Integrations  
APPROVED

Sohil

11/3/2017 1:24:48 PM

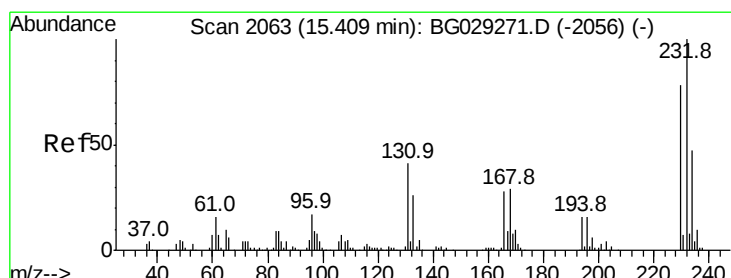
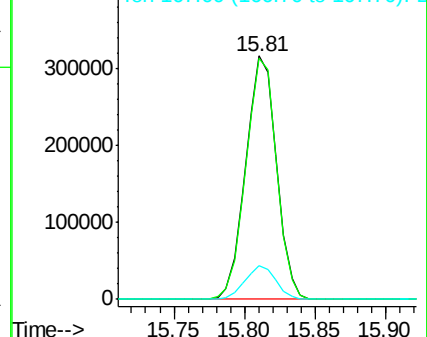
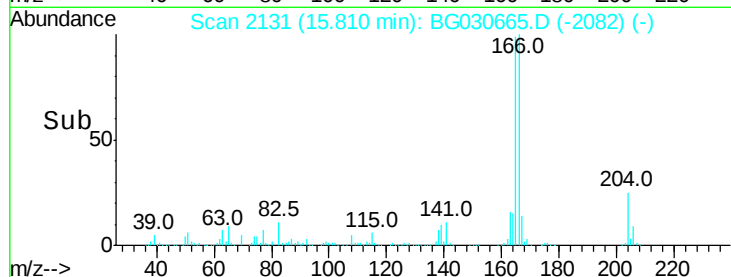


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.326 ng

RT: 15.39 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Tgt Ion:232 Resp: 149758

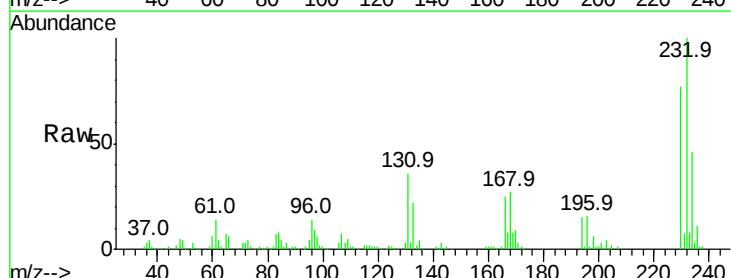
Ion Ratio Lower Upper

232 100

131 36.2 33.5 50.3

130 2.2 2.2 3.2

166 26.9 24.8 37.2



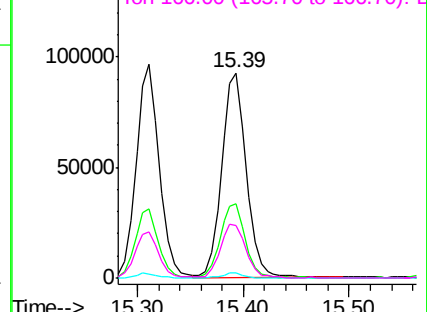
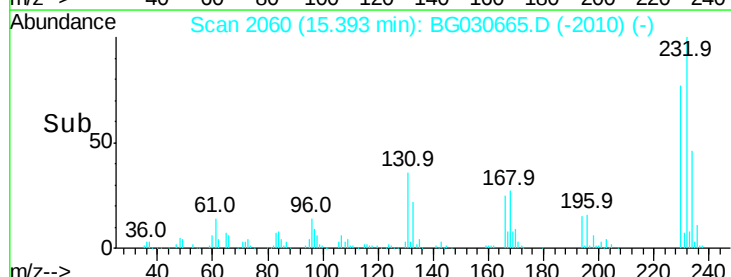
Abundance

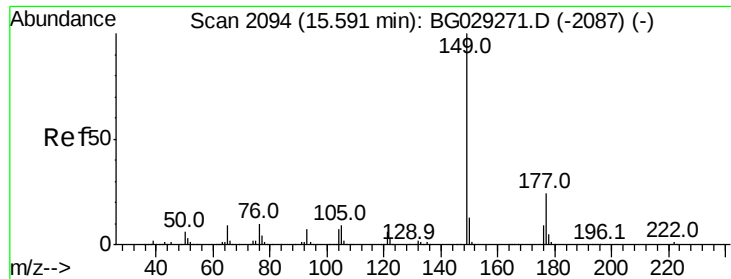
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





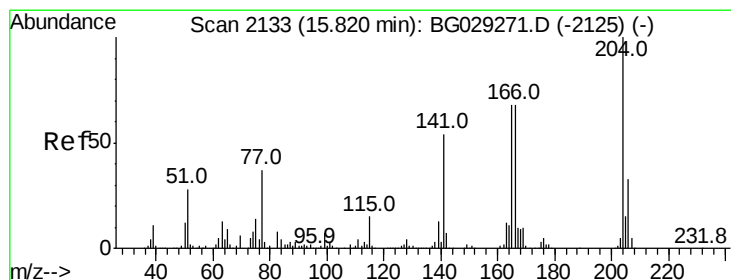
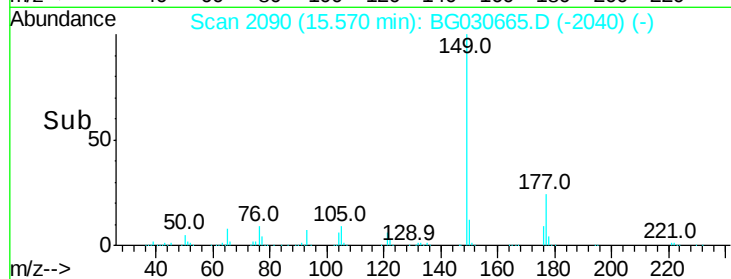
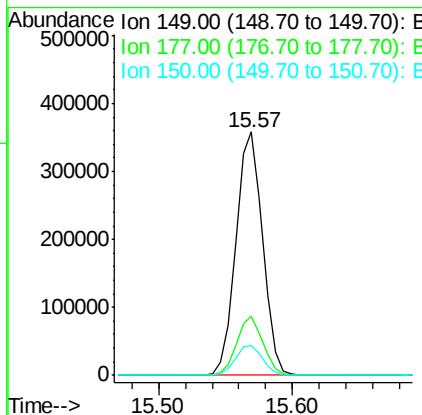
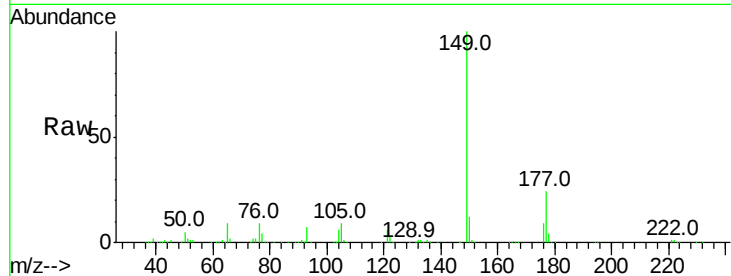
#59  
Diethylphthalate  
Concen: 31.169 ng  
RT: 15.57 min Scan# 2090  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 495167 |       |       |
| 177     | 24.5  | 18.5   | 27.7  |       |
| 150     | 12.4  | 10.2   | 15.2  |       |

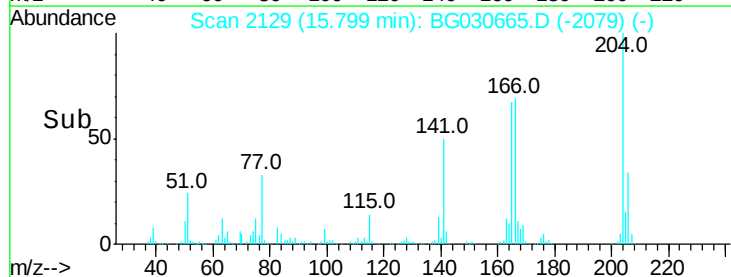
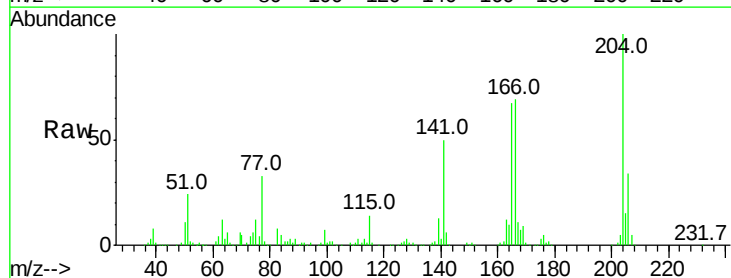
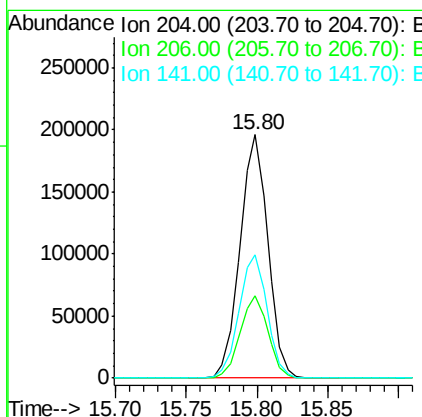
Manual Integrations  
APPROVED

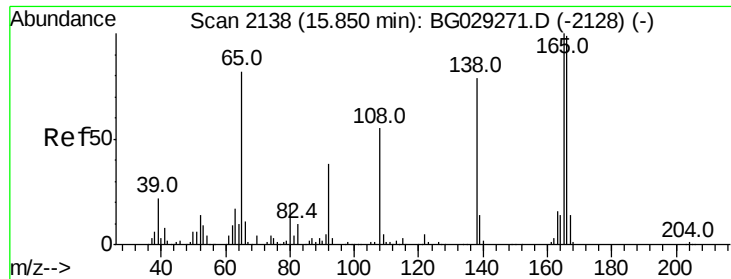
Sohil  
11/3/2017 1:24:48 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 32.936 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 270122 |       |       |
| 206     | 33.7  | 26.2   | 39.2  |       |
| 141     | 50.4  | 45.8   | 68.6  |       |





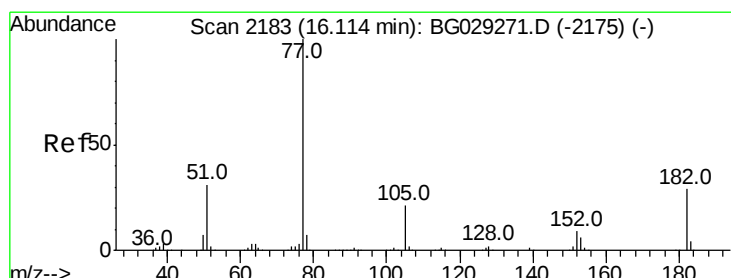
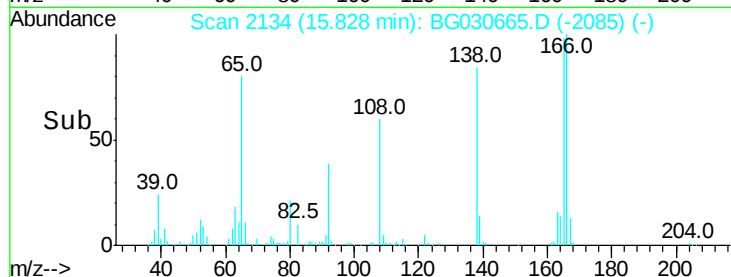
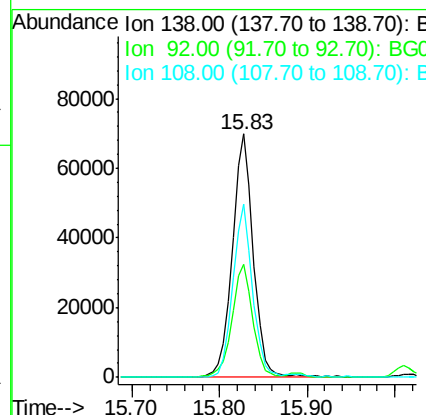
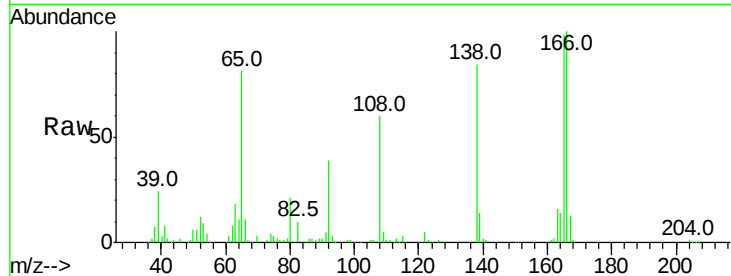
#61  
4-Nitroaniline  
Concen: 30.899 ng  
RT: 15.83 min Scan# 2134  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.3  | 40.1  | 80.1  |
| 108     | 71.1  | 65.4  | 105.4 |

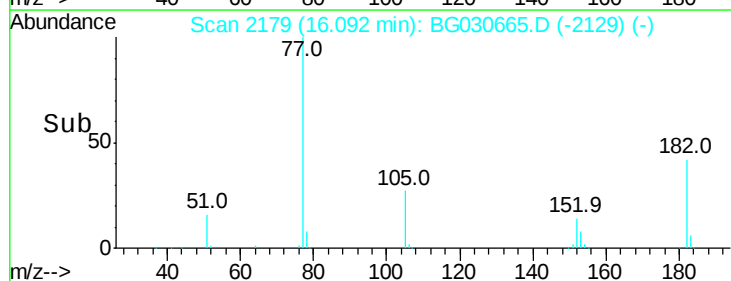
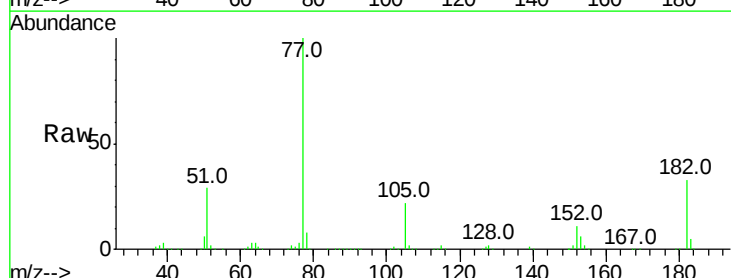
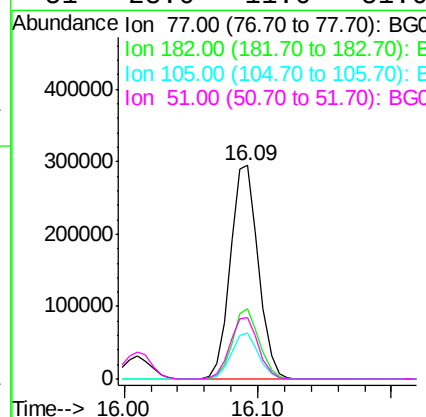
Manual Integrations  
APPROVED

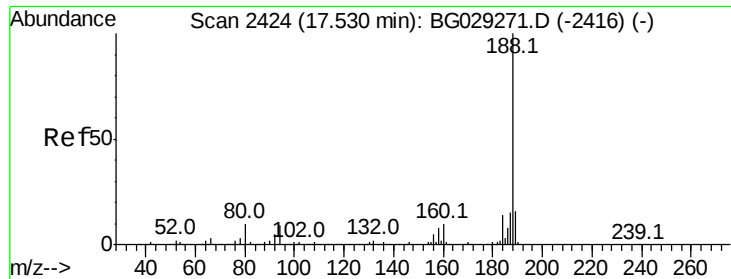
Sohil  
11/3/2017 1:24:48 PM



#62  
Azobenzene  
Concen: 32.285 ng  
RT: 16.09 min Scan# 2179  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.1  | 7.4   | 47.4  |
| 105     | 21.5  | 0.3   | 40.3  |
| 51      | 28.6  | 11.6  | 51.6  |





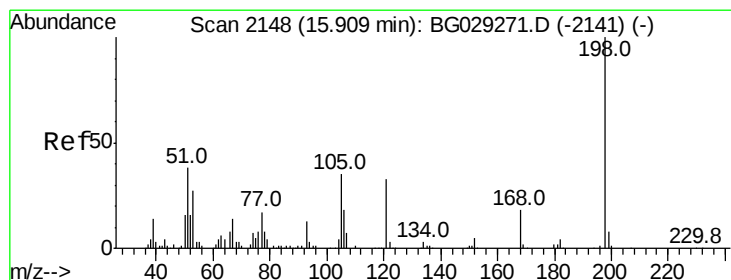
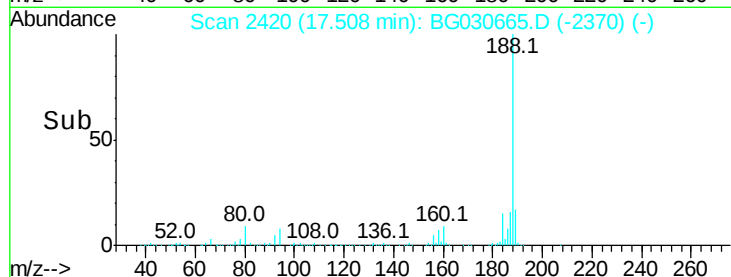
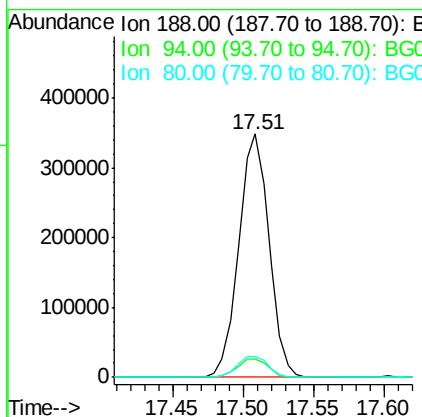
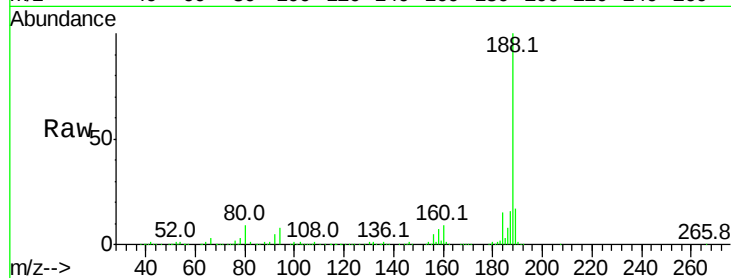
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 7.6   | 6.9  | 10.3  |       |
| 80      | 8.8   | 7.7  | 11.5  |       |

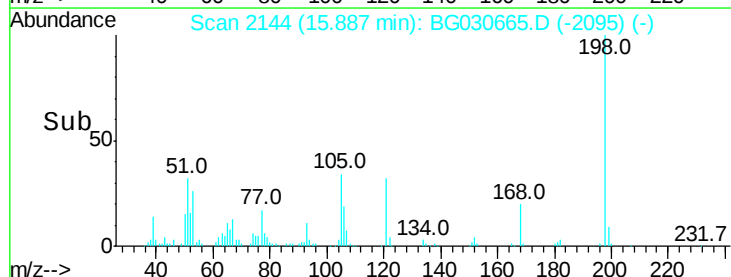
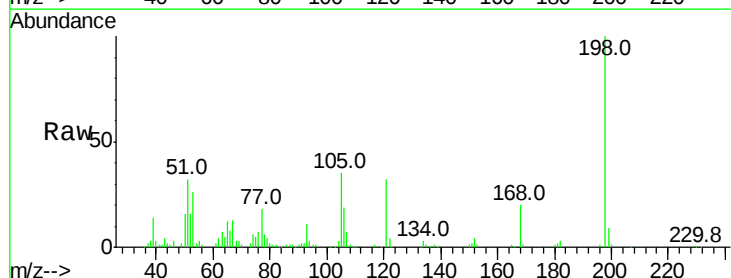
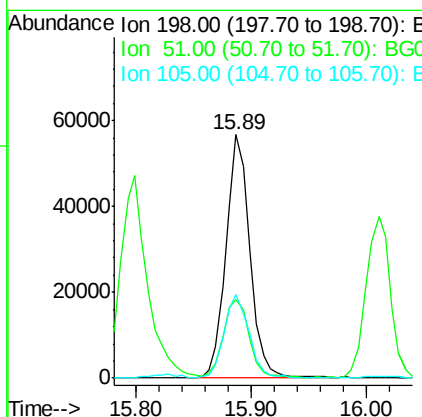
Manual Integrations  
APPROVED

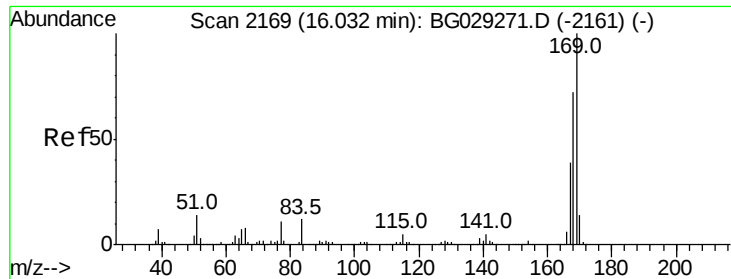
Sohil  
11/3/2017 1:24:48 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 29.601 ng  
RT: 15.89 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 32.5  | 30.6 | 70.6  |       |
| 105     | 34.6  | 23.8 | 63.8  |       |





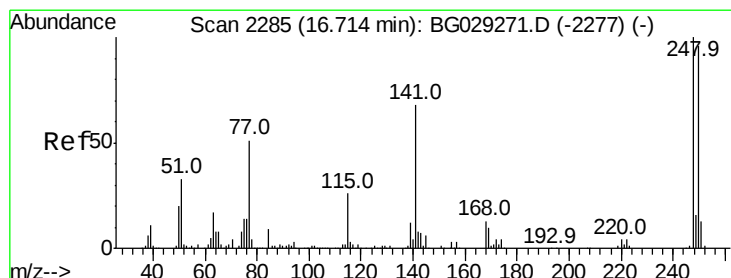
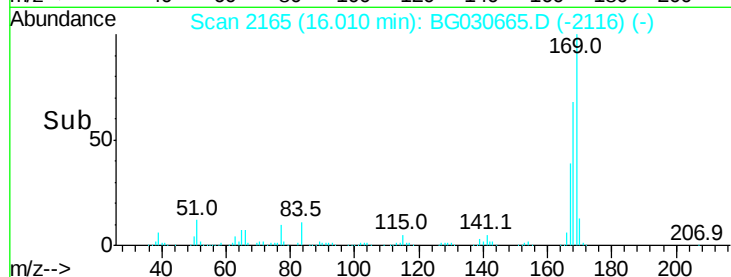
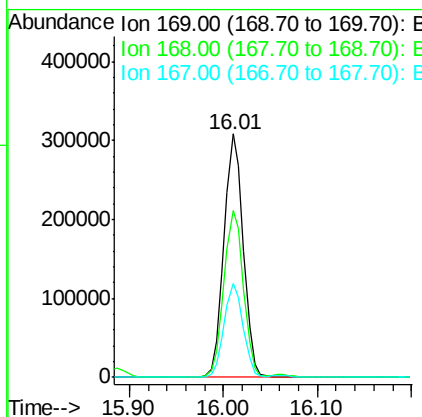
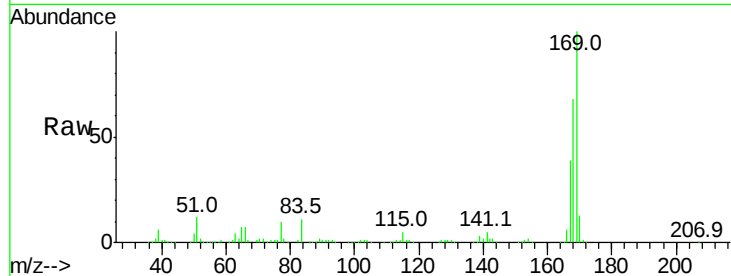
#65  
n-Nitrosodiphenylamine  
Concen: 28.237 ng  
RT: 16.01 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 68.3  | 55.7 | 83.5  |       |
| 167     | 38.6  | 30.1 | 45.1  |       |

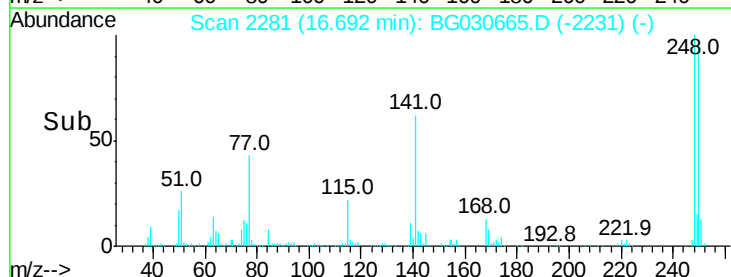
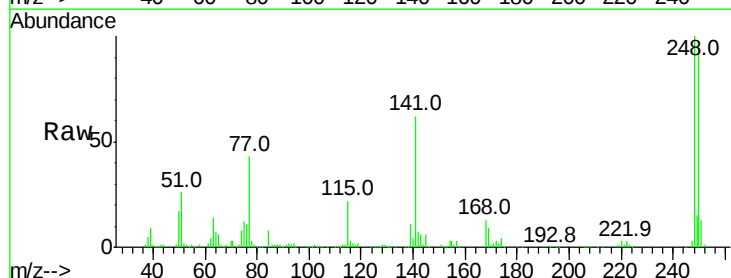
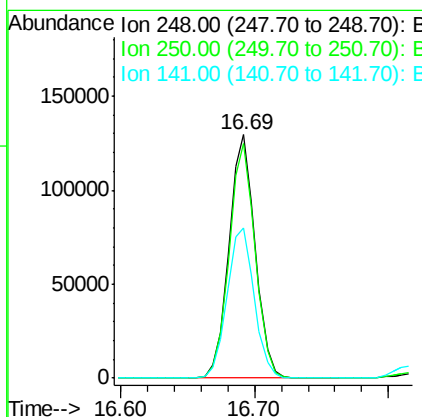
Manual Integrations  
APPROVED

Sohil  
11/3/2017 1:24:48 PM



#66  
4-Bromophenyl-phenylether  
Concen: 29.564 ng  
RT: 16.69 min Scan# 2281  
Delta R.T. -0.00 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 96.1  | 77.1 | 115.7 |       |
| 141     | 61.9  | 50.8 | 76.2  |       |





#67

Hexachlorobenzene

Concen: 28.693 ng

RT: 16.82 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

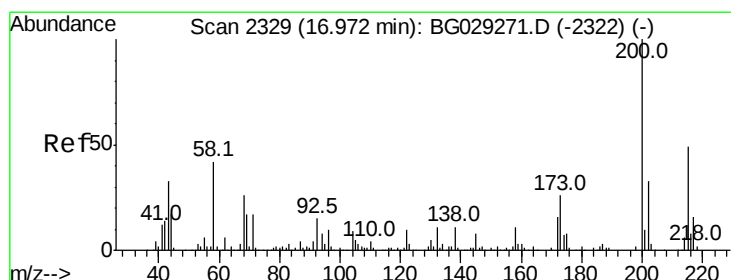
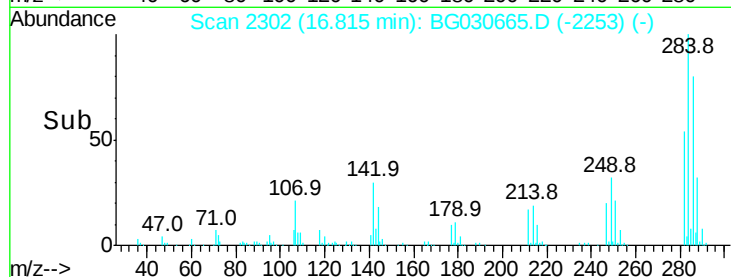
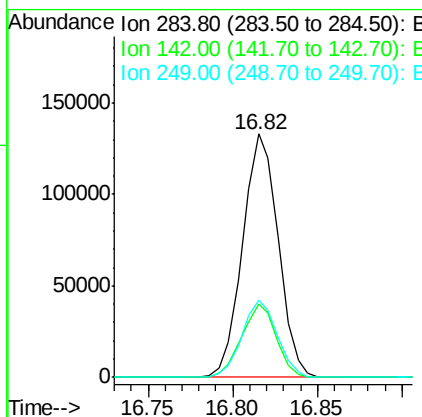
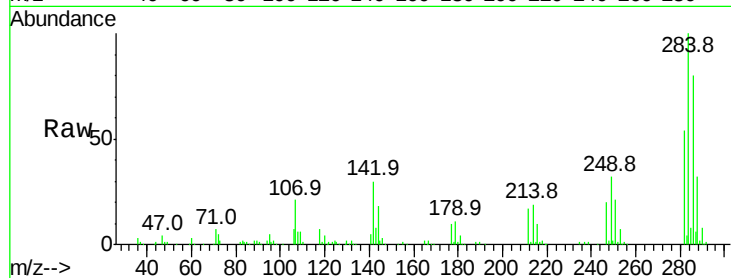
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 194683 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 30.2  | 26.8  | 40.2   |
| 249       | 31.7  | 26.3  | 39.5   |

Manual Integrations  
APPROVED

Sohil  
11/3/2017 1:24:48 PM



#68

Atrazine

Concen: 31.510 ng

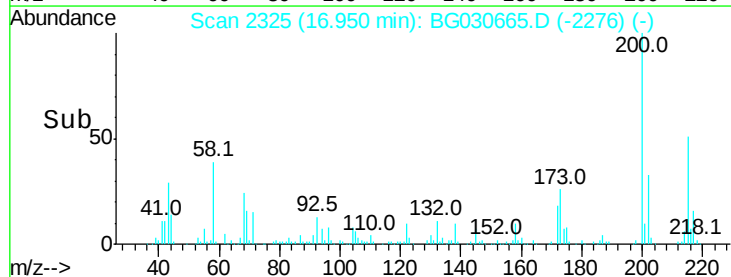
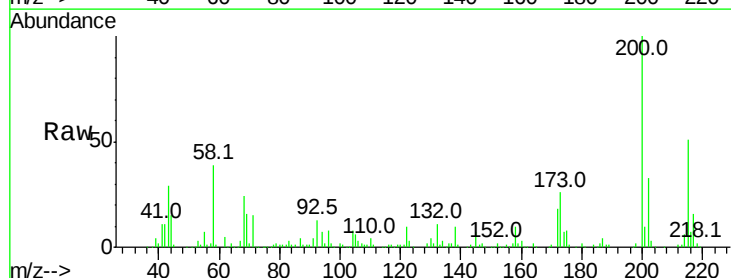
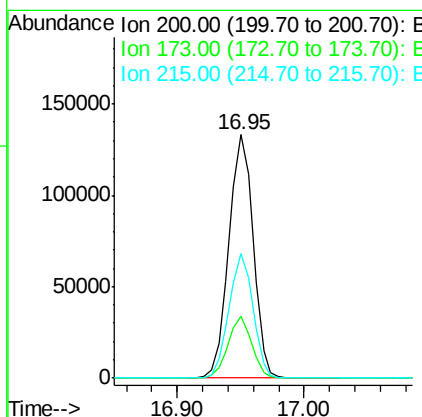
RT: 16.95 min Scan# 2325

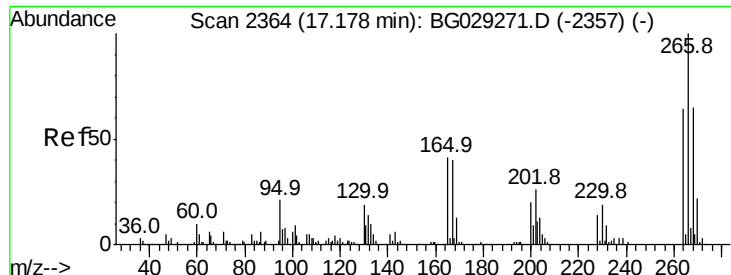
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 175809 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.6  | 5.2   | 45.2   |
| 215       | 51.2  | 30.4  | 70.4   |





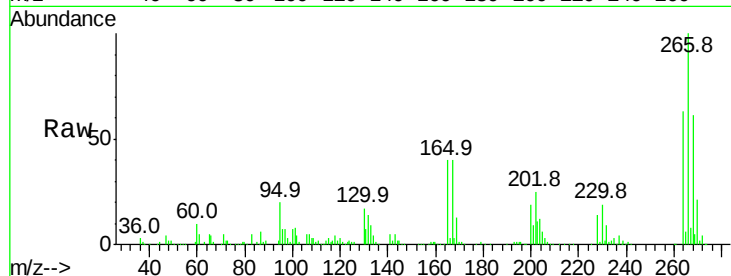
#69  
 Pentachlorophenol  
 Concen: 57.248 ng  
 RT: 17.16 min Scan# 2360  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

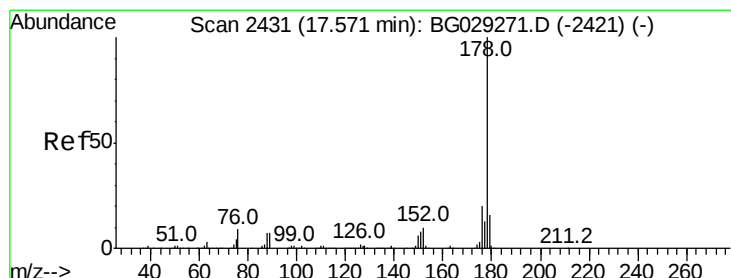
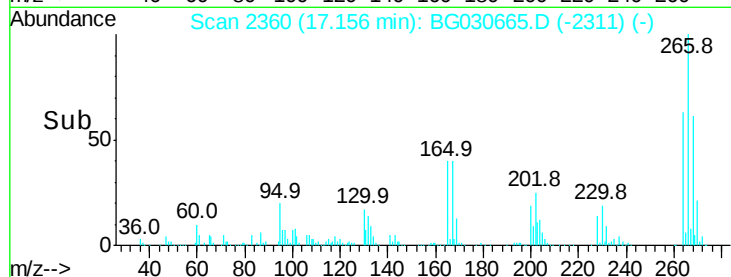
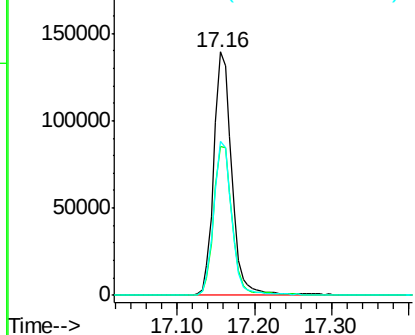
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.2  | 51.1  | 76.7  |
| 264     | 63.1  | 49.6  | 74.4  |

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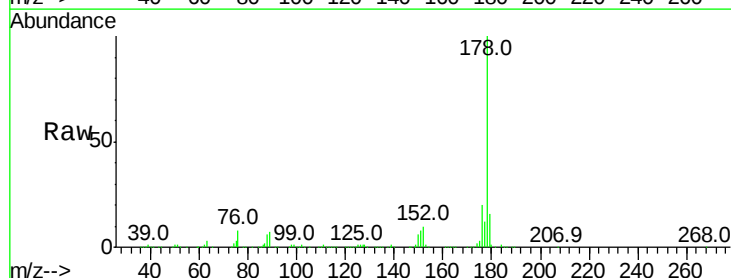


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

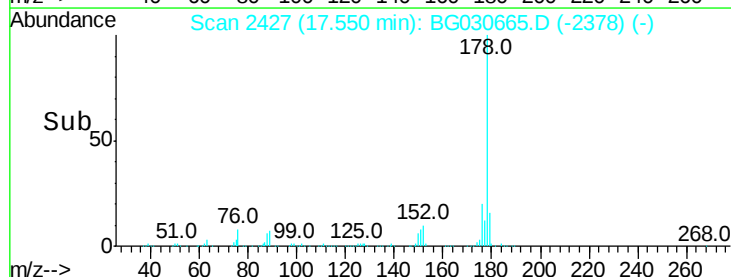
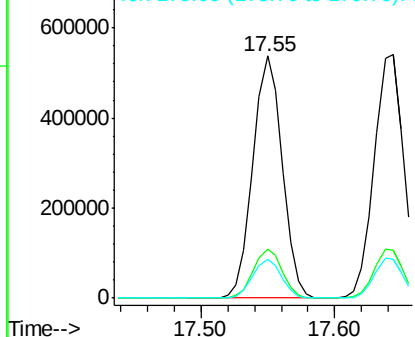


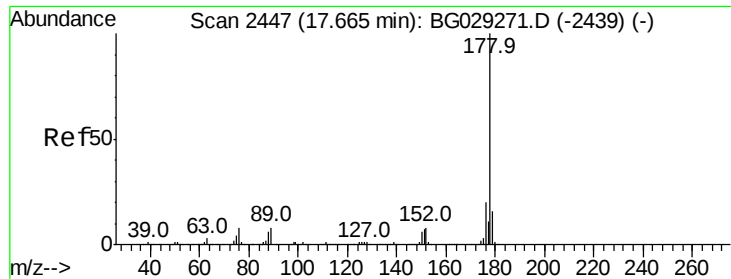
#70  
 Phenanthrene  
 Concen: 30.129 ng  
 RT: 17.55 min Scan# 2427  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.7  | 23.5  |
| 179     | 16.1  | 12.5  | 18.7  |



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





#71

Anthracene

Concen: 30.532 ng

RT: 17.64 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

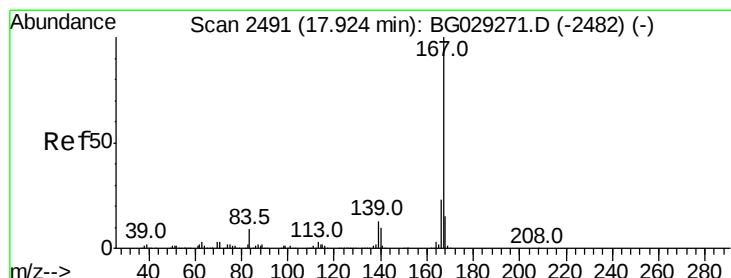
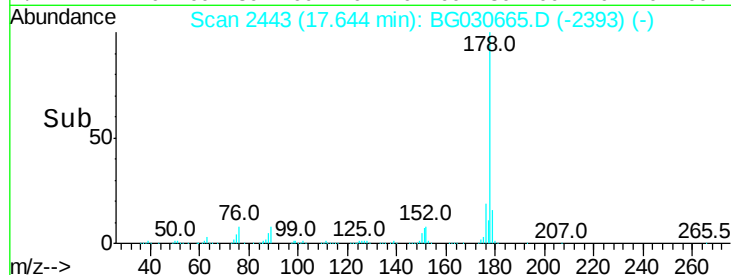
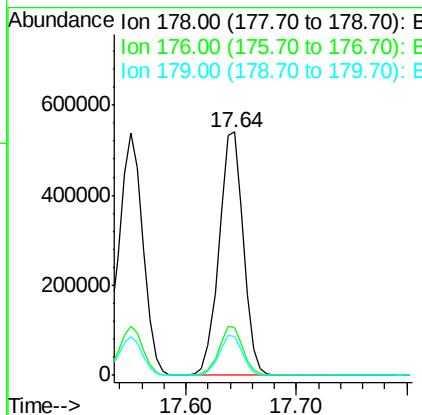
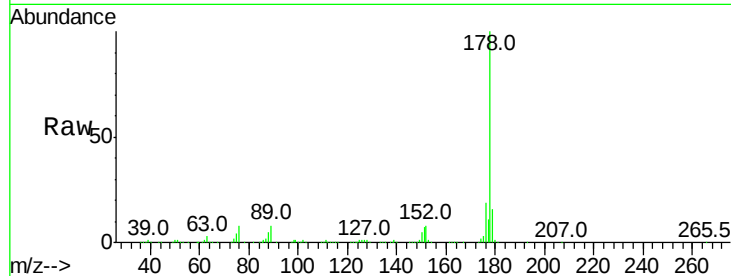
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 826763 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.4  | 16.0  | 24.0   |
| 179       | 16.0  | 12.5  | 18.7   |

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#72

Carbazole

Concen: 29.728 ng

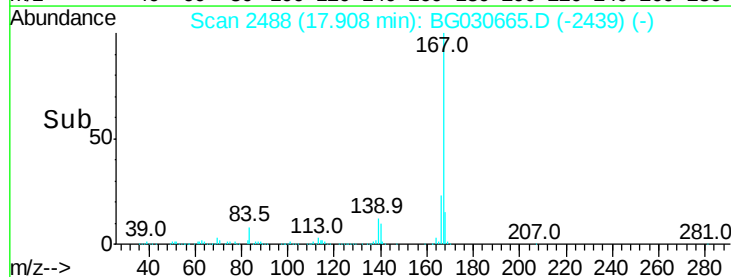
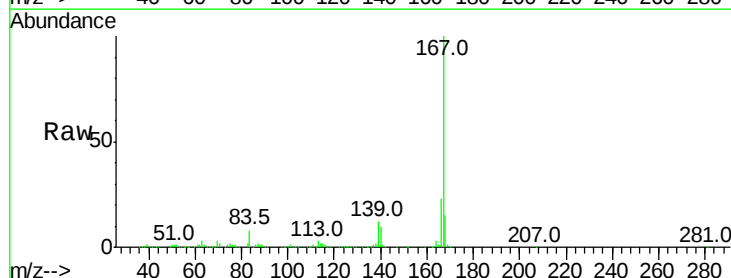
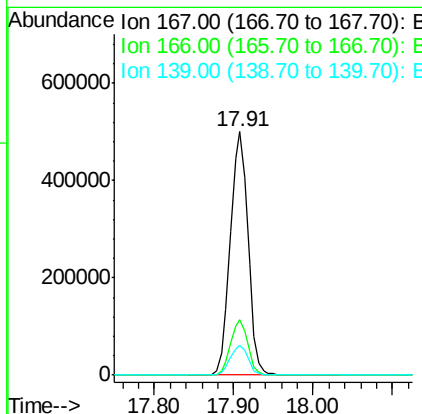
RT: 17.91 min Scan# 2488

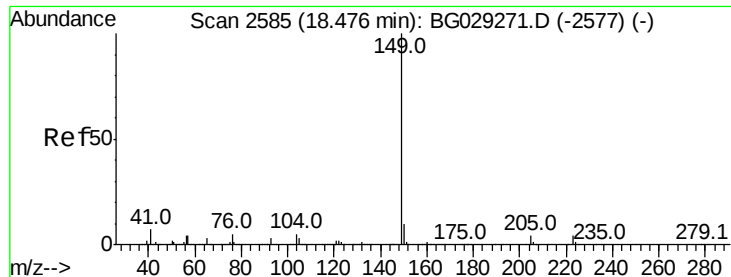
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 773282 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.7  | 18.2  | 27.4   |
| 139       | 12.2  | 9.4   | 14.2   |





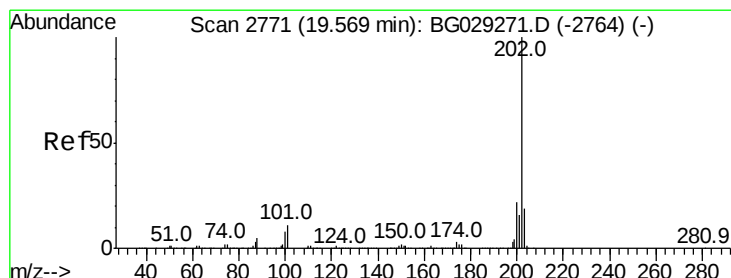
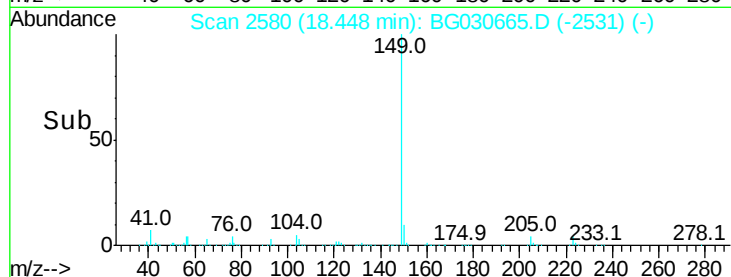
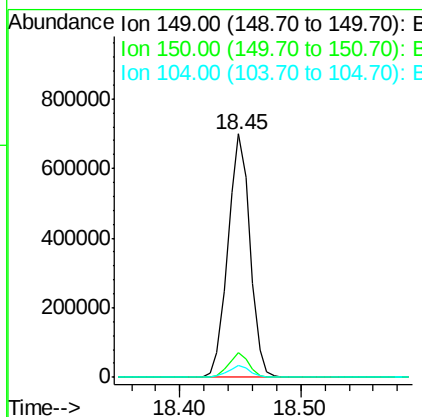
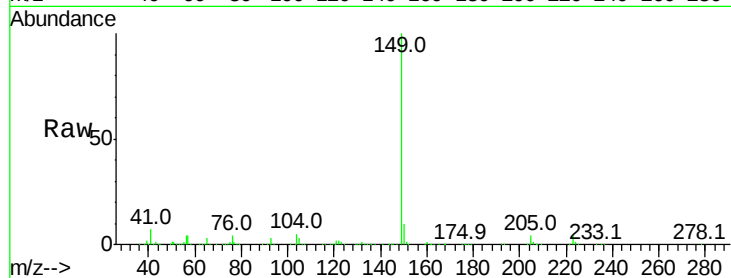
#73  
Di-n-butylphthalate  
Concen: 29.603 ng  
RT: 18.45 min Scan# 2580  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 10.0  | 7.8  | 11.6  |       |
| 104     | 4.6   | 3.9  | 5.9   |       |

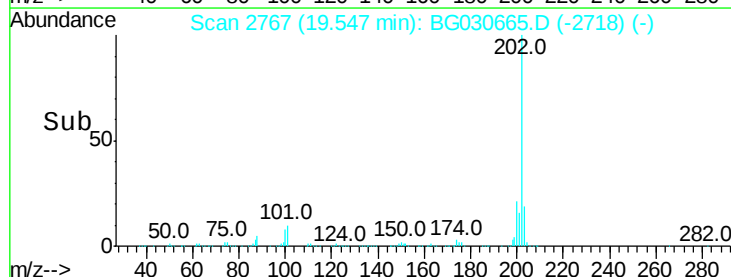
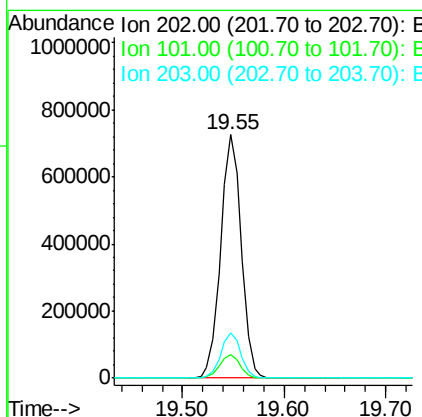
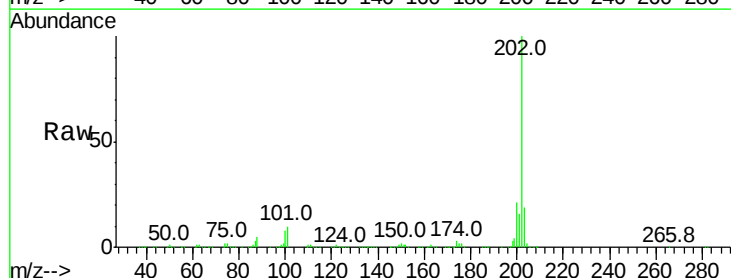
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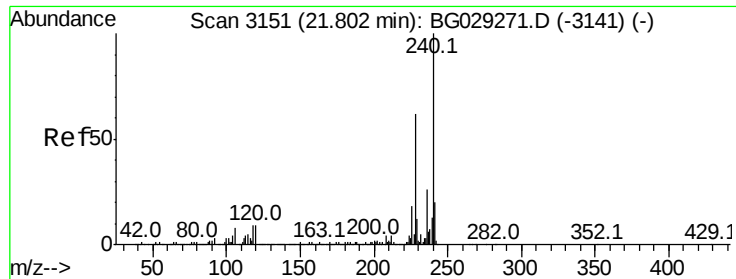
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#74  
Fluoranthene  
Concen: 32.320 ng  
RT: 19.55 min Scan# 2767  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 9.6   | 0.0  | 28.9  |       |
| 203     | 18.6  | 0.0  | 37.5  |       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

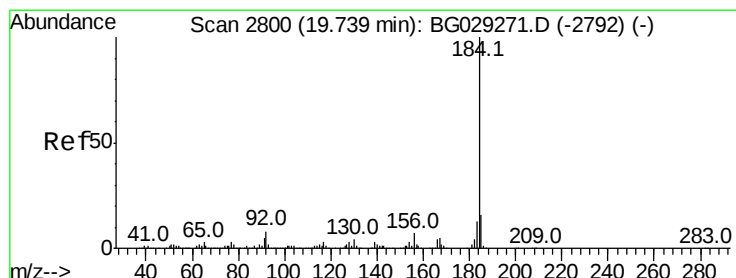
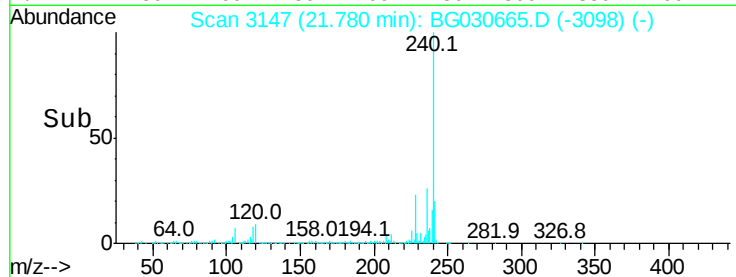
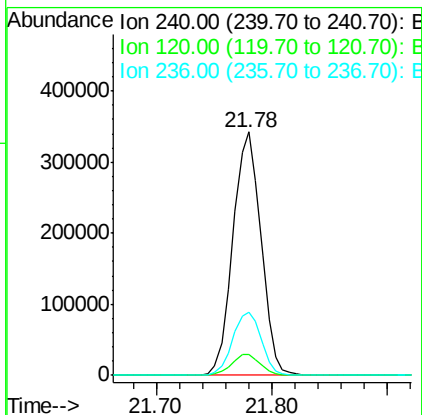
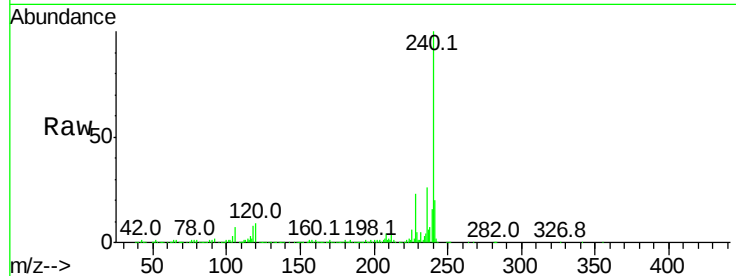
ClientSampleId :

PB103878BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 576222 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.5   | 6.8   | 10.2   |
| 236       | 25.8  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 16.429 ng

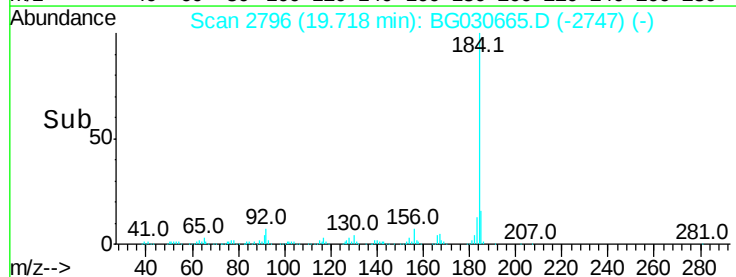
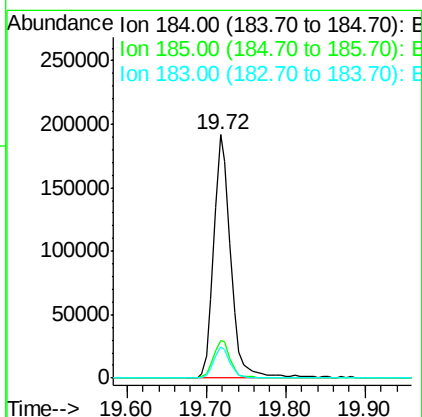
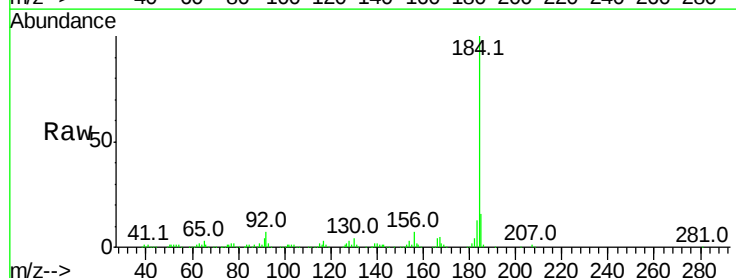
RT: 19.72 min Scan# 2796

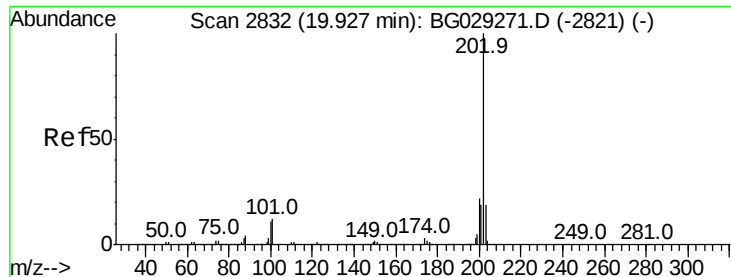
Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 285842 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.5  | 11.1  | 16.7   |
| 183       | 12.7  | 10.6  | 16.0   |





#77

Pvrene

Concen: 29.865 ng

RT: 19.91 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

ClientSampleId :

PB103878BS

Tot Ion:202 Resp: 1043939

Ion Ratio Lower Upper

202 100

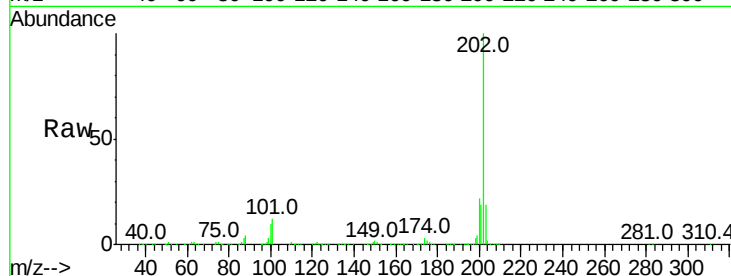
200 22.1 16.9 25.3

203 19.2 13.9 20.9

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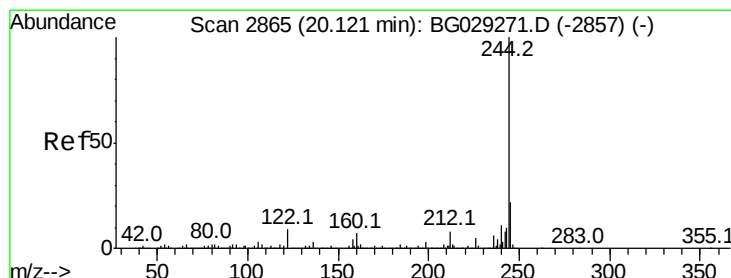
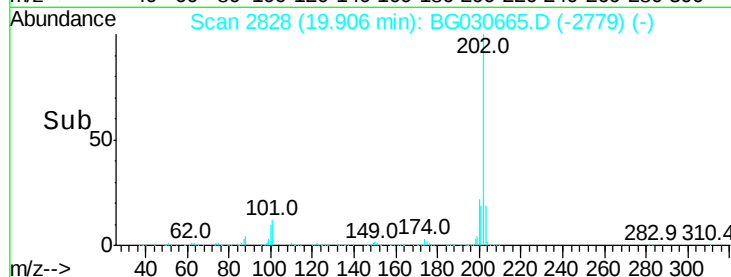
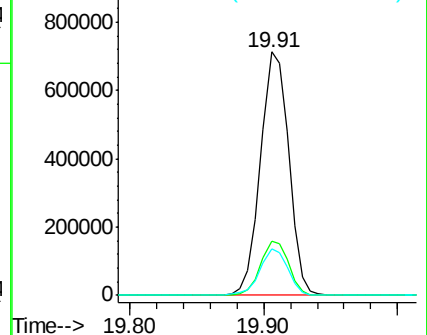
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.394 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

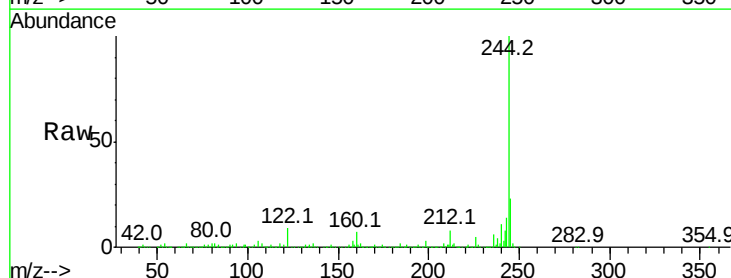
Tgt Ion:244 Resp: 1580391

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

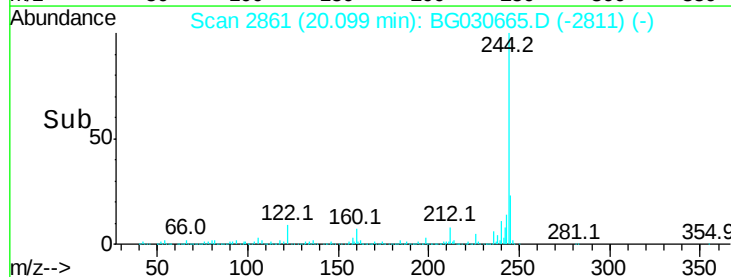
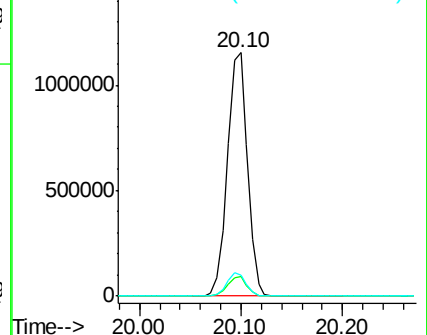
122 8.6 7.0 10.4

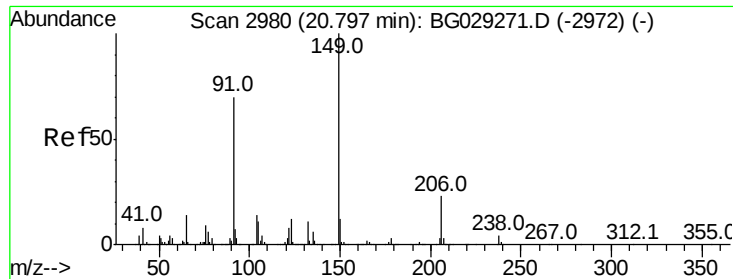


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





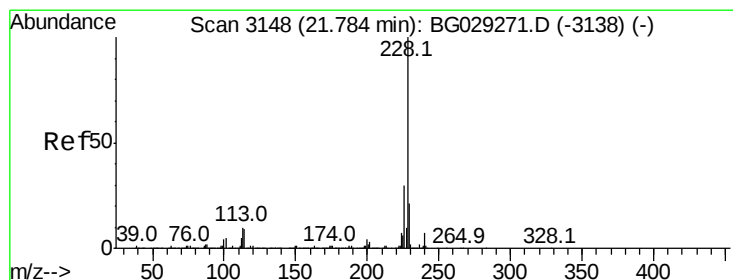
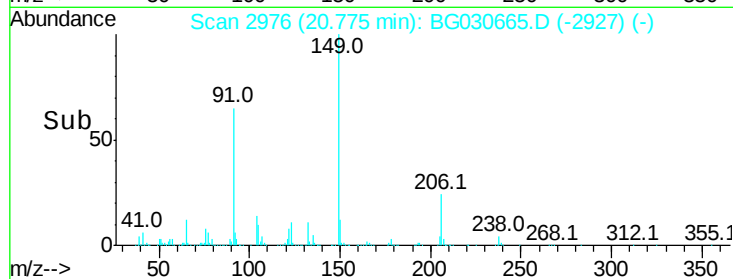
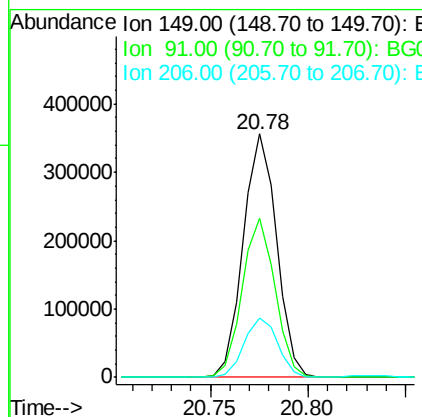
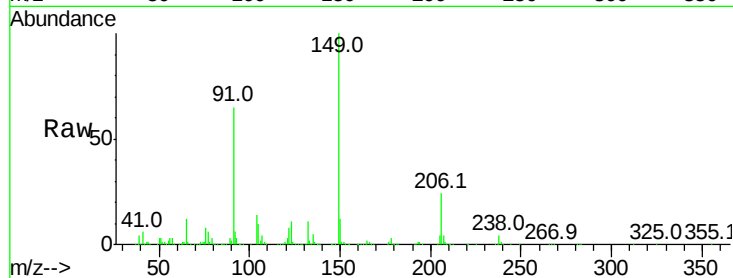
#79  
Butylbenzylphthalate  
Concen: 28.336 ng  
RT: 20.78 min Scan# 2976  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.3  | 62.2  | 93.2  |
| 206     | 24.5  | 18.6  | 27.8  |

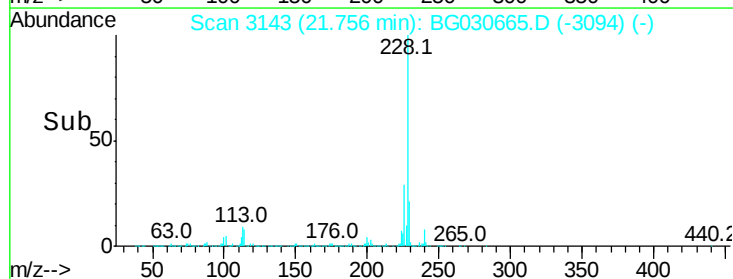
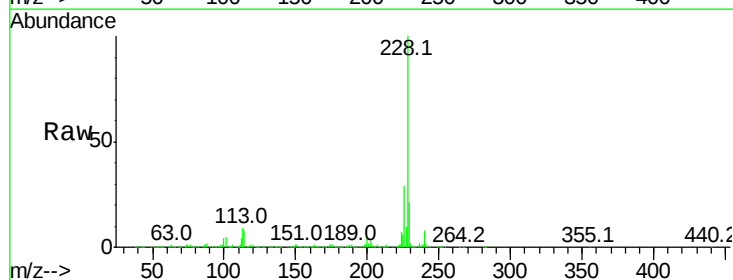
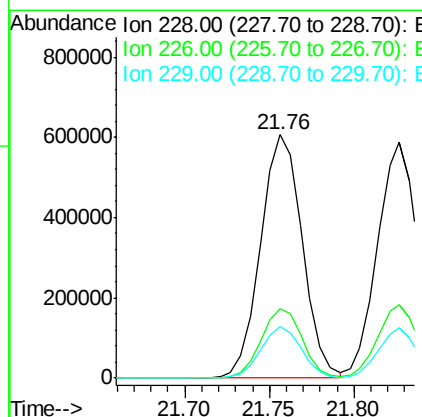
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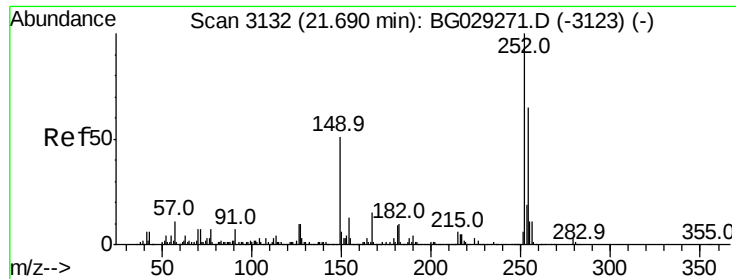
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11/3/2017 1:24:48 PM



#80  
Benzo(a)anthracene  
Concen: 30.665 ng  
RT: 21.76 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.7  | 34.1  |
| 229     | 21.3  | 16.2  | 24.2  |





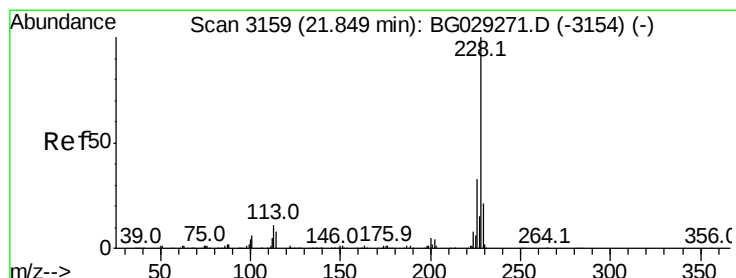
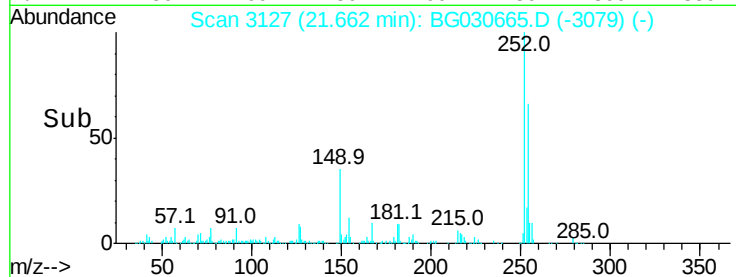
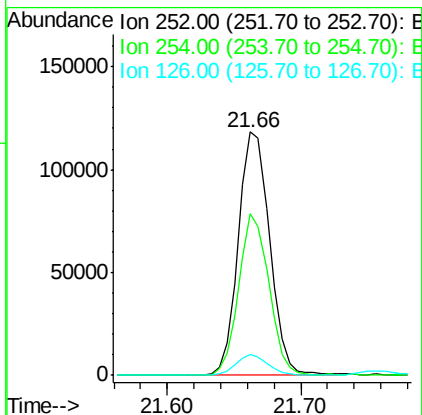
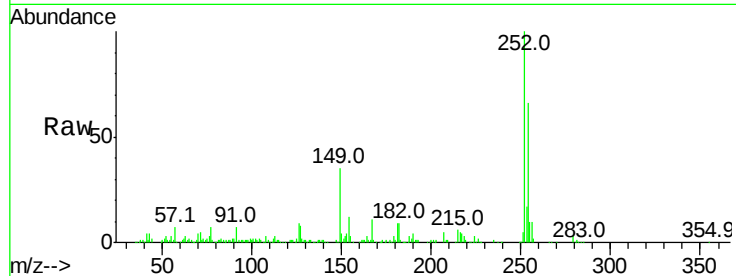
#81  
 3,3'-Dichlorobenzidine  
 Concen: 13.802 ng  
 RT: 21.66 min Scan# 3127  
 Delta R.T. -0.02 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 192730 |       |       |
| 254     | 66.2  | 50.8   | 76.2  |       |
| 126     | 8.7   | 7.4    | 11.2  |       |

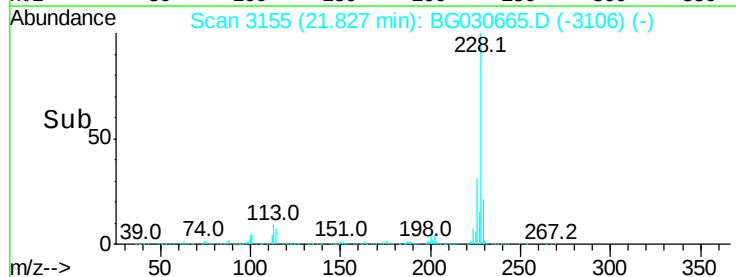
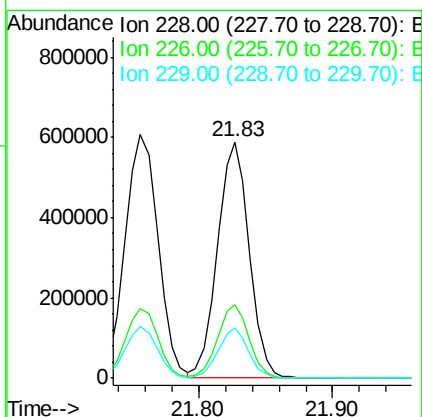
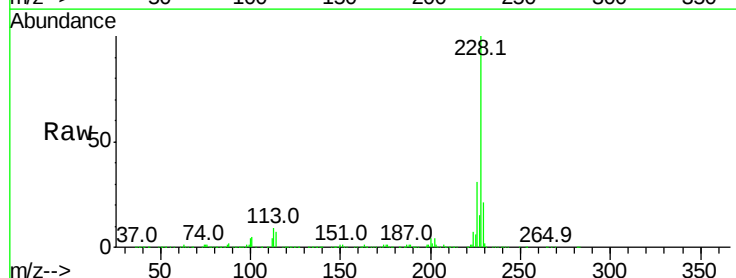
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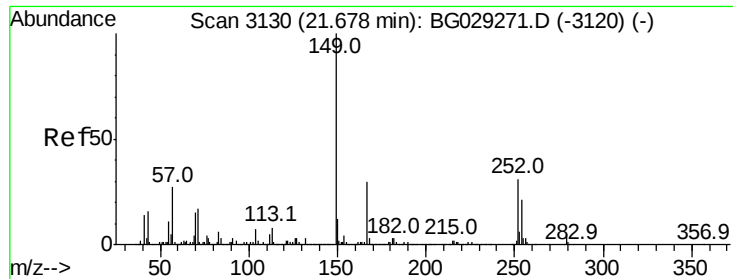
Sohil  
 11/3/2017 1:24:48 PM



#82  
 Chrysene  
 Concen: 30.200 ng  
 RT: 21.83 min Scan# 3155  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 978478 |       |       |
| 226     | 30.9  | 24.9   | 37.3  |       |
| 229     | 21.1  | 15.0   | 22.4  |       |





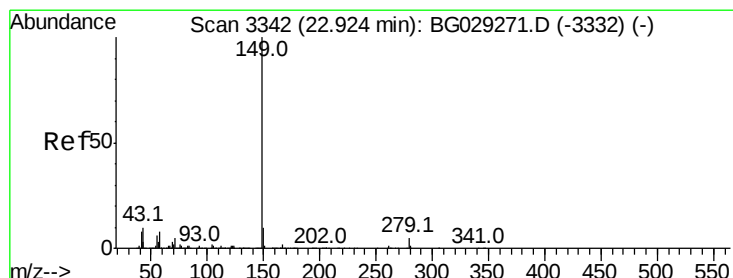
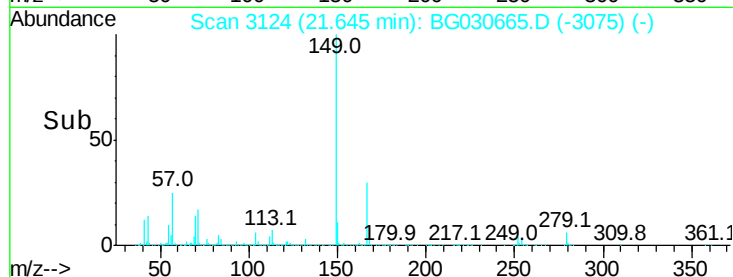
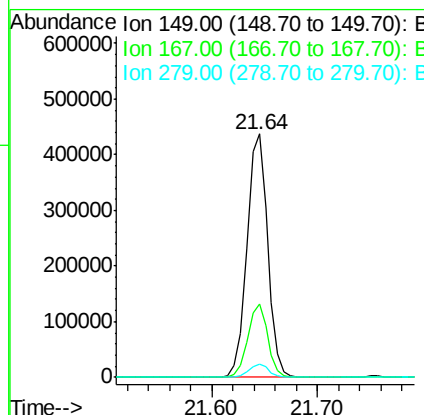
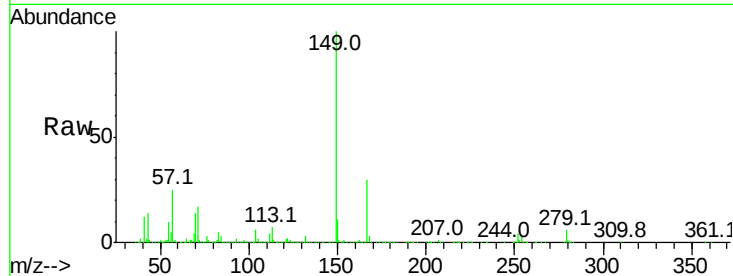
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 27.655 ng  
 RT: 21.64 min Scan# 3124  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB103878BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 30.0  | 24.3       | 36.5  |
| 279     | 5.6   | 4.0        | 6.0   |

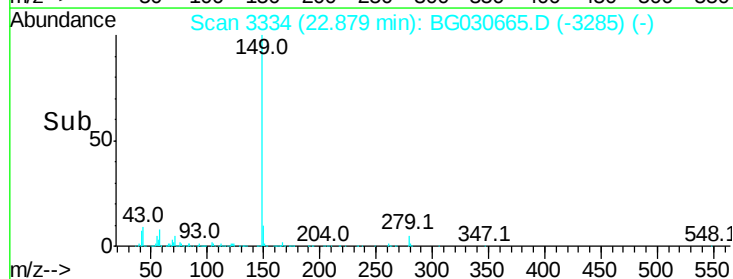
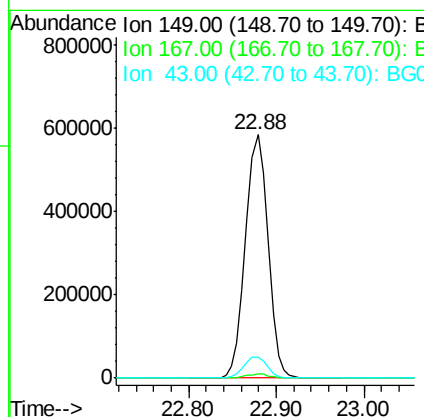
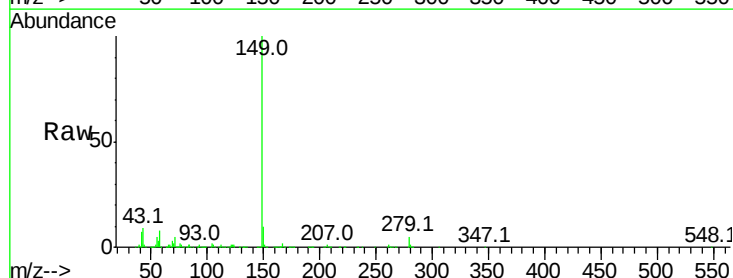
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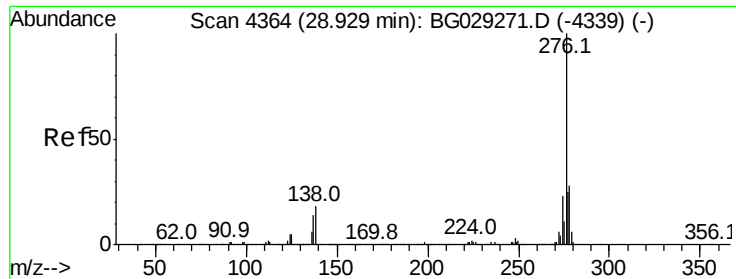
Sohil  
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#84  
 Di-n-octyl phthalate  
 Concen: 27.268 ng  
 RT: 22.88 min Scan# 3334  
 Delta R.T. -0.01 min  
 Lab File: BG030665.D  
 Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.7   | 1.4        | 2.0   |
| 43      | 9.0   | 8.9        | 13.3  |





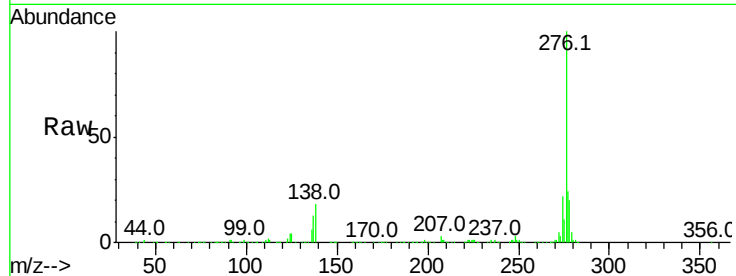
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 30.983 ng  
RT: 28.86 min Scan# 4352  
Delta R.T. -0.03 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

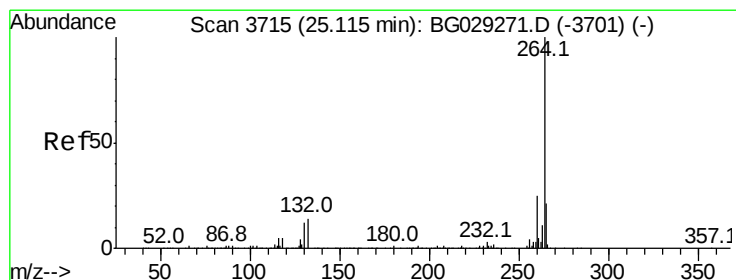
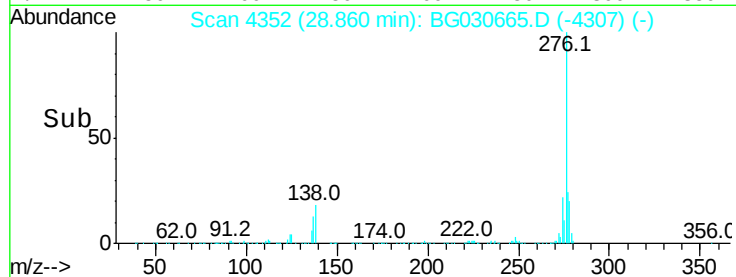
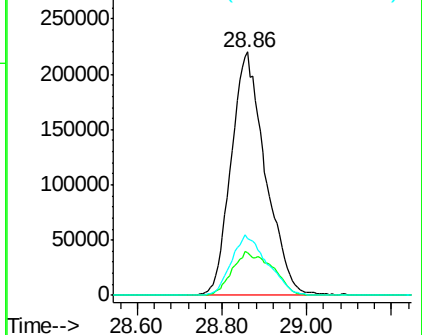
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.2  | 16.0  | 24.0  |
| 277     | 25.9  | 20.0  | 30.0  |

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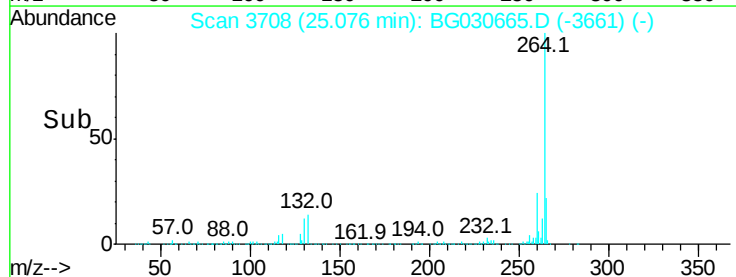
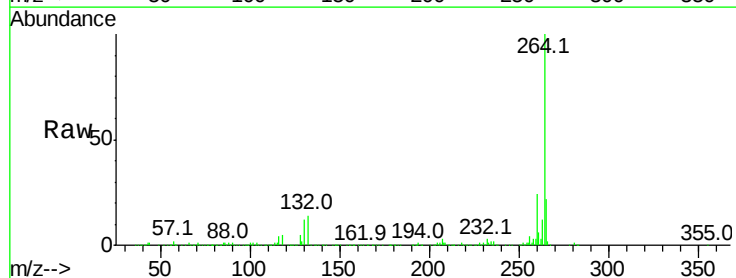
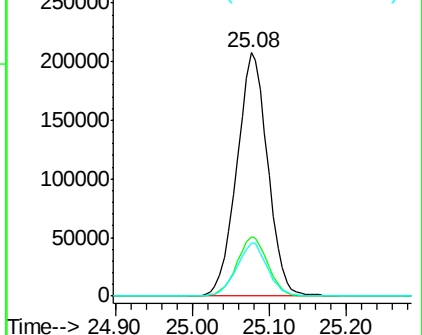
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

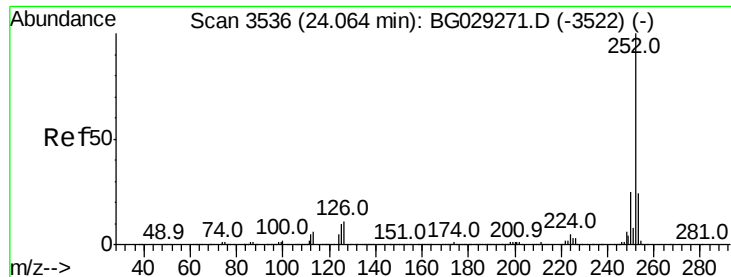


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.08 min Scan# 3708  
Delta R.T. -0.02 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 17.4  | 26.0  |
| 265     | 21.7  | 17.7  | 26.5  |

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





#87

Benzo(b)fluoranthene

Concen: 31.281 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

ClientSampleId :

PB103878BS

Tot Ion:252 Resp: 1043610

Ion Ratio Lower Upper

252 100

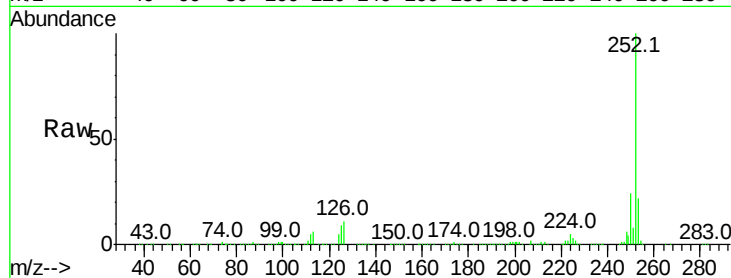
253 22.2 18.2 27.4

125 8.9 7.2 10.8

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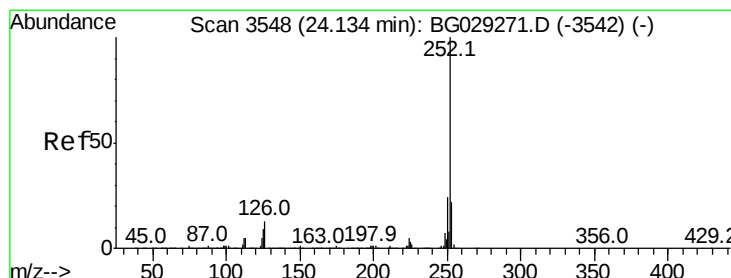
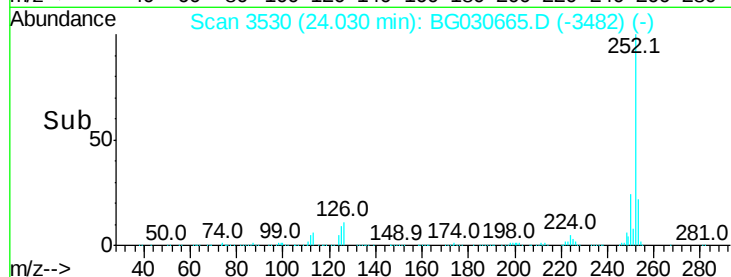
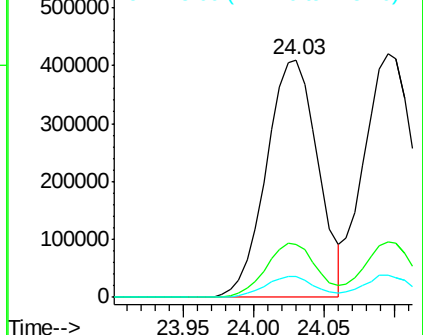
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.117 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Tgt Ion:252 Resp: 1034247

Ion Ratio Lower Upper

252 100

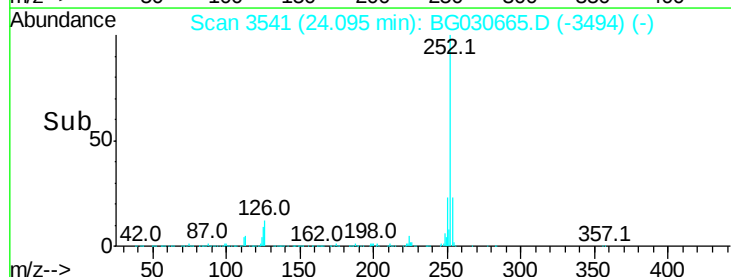
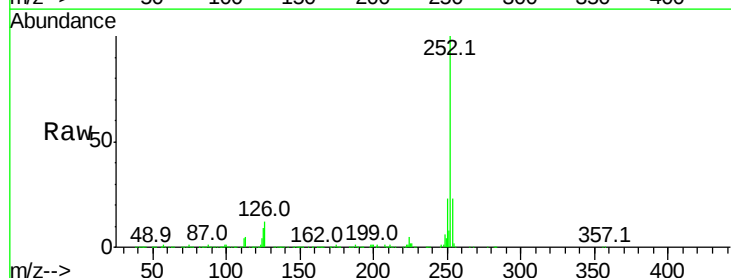
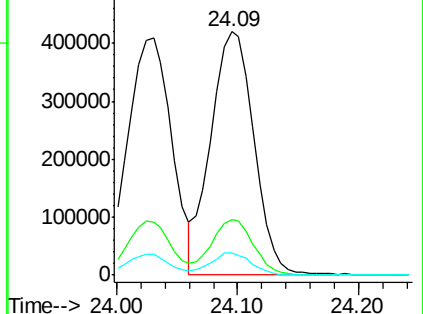
253 23.0 17.4 26.2

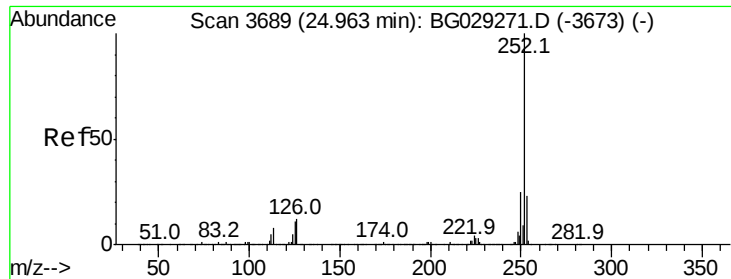
125 9.0 6.6 9.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





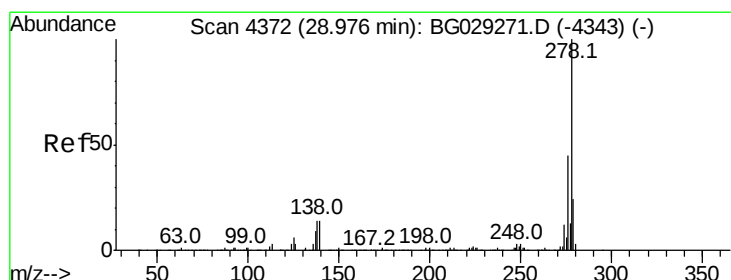
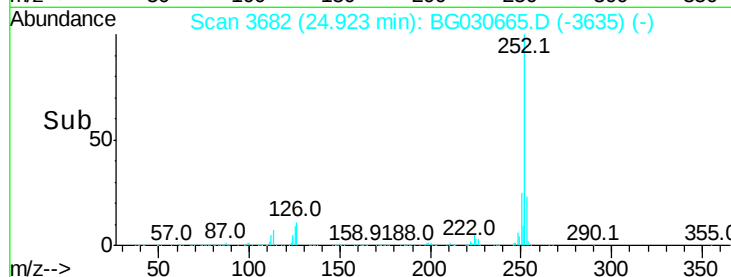
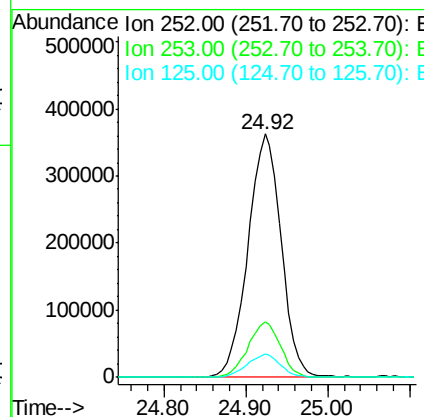
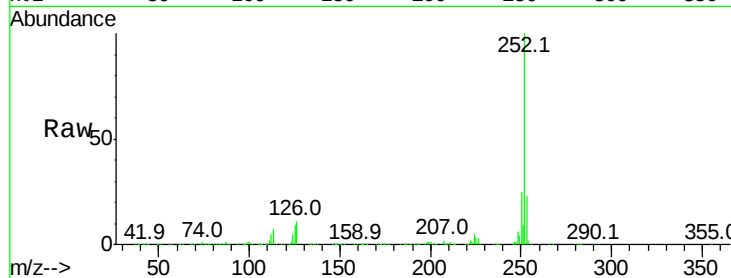
#89  
Benzo(a)pyrene  
Concen: 31.836 ng  
RT: 24.92 min Scan# 3682  
Delta R.T. -0.02 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB103878BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.3  | 27.5  |
| 125     | 9.4   | 7.3   | 10.9  |

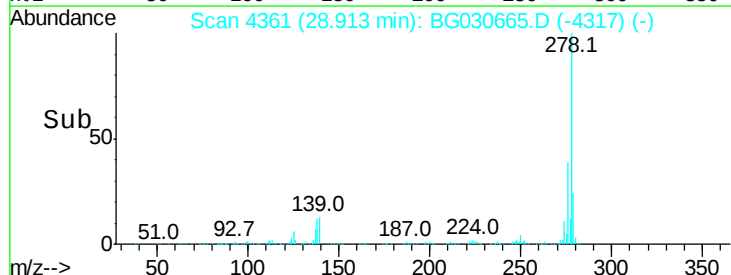
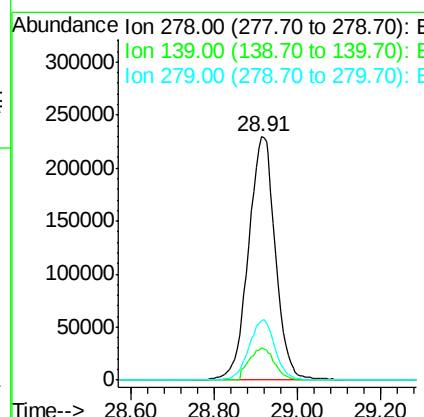
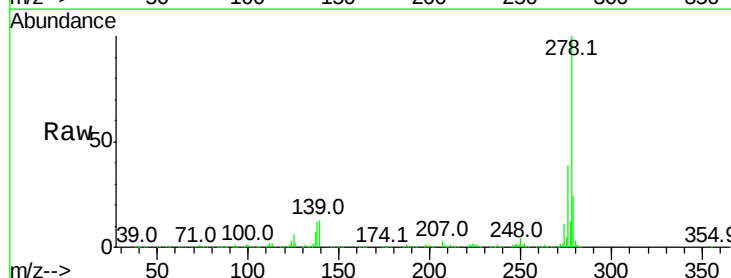
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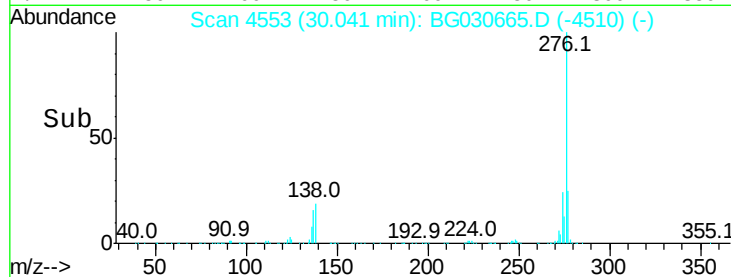
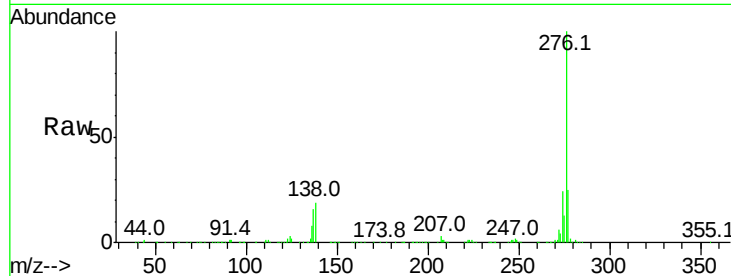
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#90  
Dibenzo(a,h)anthracene  
Concen: 31.860 ng  
RT: 28.91 min Scan# 4361  
Delta R.T. -0.04 min  
Lab File: BG030665.D  
Acq: 2 Nov 2017 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.2  | 9.8   | 14.6  |
| 279     | 24.2  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 34.204 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.04 min

Lab File: BG030665.D

Acq: 2 Nov 2017 16:52

Instrument :

BNA\_G

ClientSampleId :

PB103878BS

Tot Ion:276 Resp: 1031924

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 18.5 13.9 20.9

Manual Integrations

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