

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\  
 Data File : BG031399.D  
 Acq On : 7 Dec 2017 15:24  
 Operator : SJ/JU  
 Sample : PB104796BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

Manual Integrations  
 APPROVED

Sohil  
 12/8/2017 11:13:36 AM

Quant Time: Dec 07 20:04:28 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 17:58:37 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 50315    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.94 | 136  | 225817   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.75 | 164  | 158881   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.50 | 188  | 442624   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.77 | 240  | 500369   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.07 | 264  | 499328   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 362359  | 123.49 | ng | 0.00 |
| 7) Phenol-d6             | 7.30  | 99  | 479737  | 121.36 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.29  | 82  | 278838  | 73.17  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 234182  | 91.12  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.37 | 172 | 819832  | 74.14  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.09 | 244 | 1611737 | 71.12  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 36479  | 30.636 | ng | # 83   |
| 3) Pyridine                    | 3.94  | 79  | 106036 | 30.674 | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 57715  | 35.228 | ng | # 88   |
| 6) Aniline                     | 7.45  | 93  | 97067  | 18.658 | ng | 93     |
| 8) 2-Chlorophenol              | 7.69  | 128 | 133309 | 41.169 | ng | 87     |
| 9) Benzaldehyde                | 7.26  | 77  | 44666  | 16.147 | ng | 87     |
| 10) Phenol                     | 7.32  | 94  | 171794 | 41.848 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 119456 | 36.444 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 139689 | 36.769 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 140758 | 36.562 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 134990 | 36.532 | ng | 97     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 113479 | 35.788 | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 187307 | 51.734 | ng | 95     |
| 17) 2-Methylphenol             | 8.58  | 107 | 114816 | 40.163 | ng | 95     |
| 18) Hexachloroethane           | 9.21  | 117 | 51516  | 38.447 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 99552  | 33.122 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 161637 | 39.763 | ng | 97     |
| 22) Acetophenone               | 8.95  | 105 | 184701 | 32.850 | ng | # 92   |
| 24) Nitrobenzene               | 9.33  | 77  | 145699 | 37.428 | ng | 92     |
| 25) Isophorone                 | 9.86  | 82  | 276759 | 37.238 | ng | # 91   |
| 26) 2-Nitrophenol              | 10.05 | 139 | 76177  | 37.542 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 135804 | 45.082 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 174449 | 37.268 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 149471 | 41.321 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 158931 | 36.801 | ng | 95     |
| 31) Naphthalene                | 10.99 | 128 | 403175 | 36.319 | ng | 99     |
| 32) Benzoic acid               | 10.26 | 122 | 59847  | 26.702 | ng | 90     |
| 33) 4-Chloroaniline            | 11.11 | 127 | 71408  | 14.694 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.27 | 225 | 103336 | 34.502 | ng | 99     |
| 35) Caprolactam                | 11.88 | 113 | 60477m | 40.927 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107 | 159343 | 40.473 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 321539 | 37.521 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 194033 | 30.770 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.92 | 237 | 169001 | 73.468 | ng | 95     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\  
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 Sample : PB104796BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

Manual Integrations  
 APPROVED

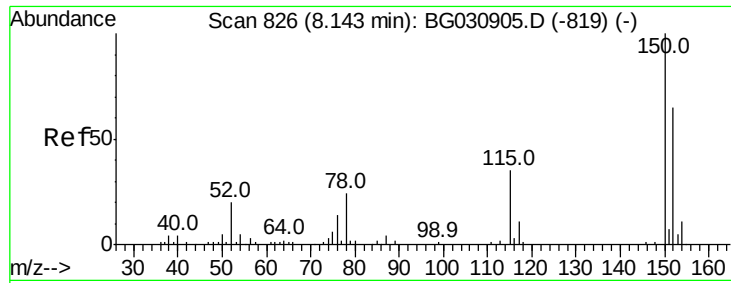
Sohil  
 12/8/2017 11:13:36 AM

Quant Time: Dec 07 20:04:28 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 17:58:37 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.19 | 196  | 138158   | 38.325 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.28 | 196  | 150884   | 38.255 | nq #  | 94       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 425791   | 32.318 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.63 | 162  | 351369   | 36.964 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.84 | 65   | 109694   | 38.933 | nq #  | 84       |
| 48) Acenaphthylene             | 14.48 | 152  | 549451   | 35.316 | nq    | 98       |
| 49) Dimethylphthalate          | 14.20 | 163  | 499702   | 36.375 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.32 | 165  | 113774   | 40.182 | nq #  | 80       |
| 51) Acenaphthene               | 14.82 | 154  | 340589   | 35.052 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.66 | 138  | 54756    | 18.212 | nq #  | 83       |
| 53) 2,4-Dinitrophenol          | 14.87 | 184  | 116190   | 74.985 | nq #  | 50       |
| 54) Dibenzofuran               | 15.14 | 168  | 567972   | 36.698 | nq    | 98       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 167891   | 78.392 | nq #  | 86       |
| 56) 2,4-Dinitrotoluene         | 15.12 | 165  | 165614   | 40.458 | nq #  | 74       |
| 57) Fluorene                   | 15.80 | 166  | 459787   | 36.592 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 148941   | 39.621 | nq #  | 92       |
| 59) Diethylphthalate           | 15.55 | 149  | 512868   | 36.754 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 275226   | 36.268 | nq    | 92       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 121130   | 38.048 | nq    | 86       |
| 62) Azobenzene                 | 16.07 | 77   | 413897   | 38.892 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 93608    | 31.817 | nq    | 78       |
| 65) n-Nitrosodiphenylamine     | 16.00 | 169  | 438764   | 32.713 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 186207   | 33.216 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.80 | 284  | 182819   | 30.692 | nq    | 97       |
| 68) Atrazine                   | 16.94 | 200  | 197578   | 35.703 | nq    | 98       |
| 69) Pentachlorophenol          | 17.15 | 266  | 186373   | 56.602 | nq    | 98       |
| 70) Phenanthrene               | 17.54 | 178  | 826248   | 35.852 | nq    | 99       |
| 71) Anthracene                 | 17.62 | 178  | 847168   | 36.686 | nq    | 100      |
| 72) Carbazole                  | 17.89 | 167  | 790748   | 36.546 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.43 | 149  | 939352   | 35.358 | nq    | 99       |
| 74) Fluoranthene               | 19.54 | 202  | 1113524  | 38.161 | nq    | 97       |
| 76) Benzidine                  | 19.71 | 184  | 389068   | 24.206 | nq    | 98       |
| 77) Pyrene                     | 19.90 | 202  | 1132772  | 38.151 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.76 | 149  | 433301   | 36.601 | nq    | 86       |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 1123577  | 36.150 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 238453   | 19.006 | nq    | 97       |
| 82) Chrysene                   | 21.81 | 228  | 1063418  | 36.987 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 612594   | 35.847 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.85 | 149  | 1043074  | 37.501 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.88 | 276  | 1215127  | 34.765 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 24.02 | 252  | 1131323  | 37.456 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.09 | 252  | 1066676  | 35.629 | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.92 | 252  | 1077827  | 37.563 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.92 | 278  | 1012960  | 34.539 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.06 | 276  | 1022059  | 35.906 | nq    | 98       |

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





#1

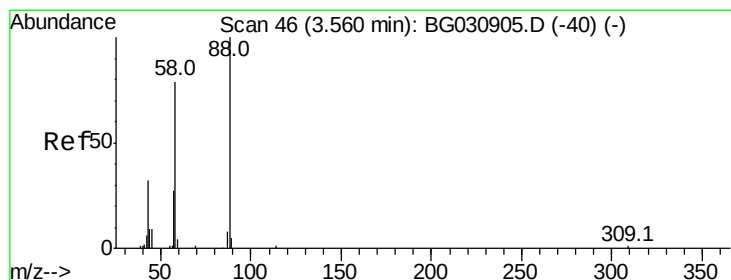
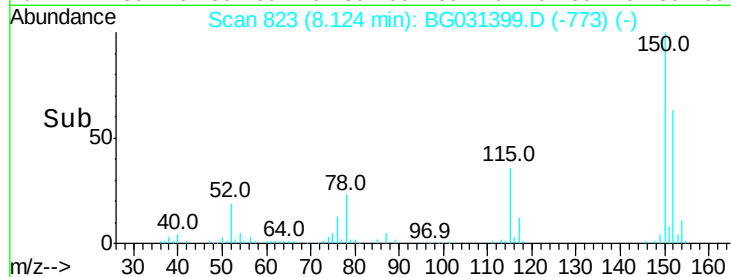
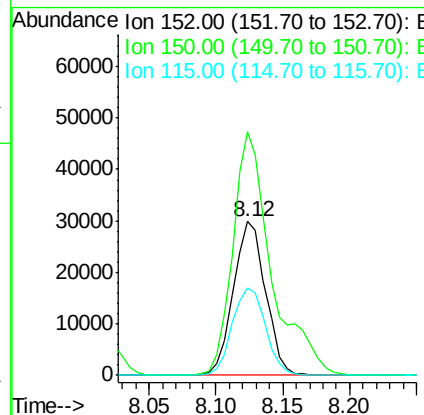
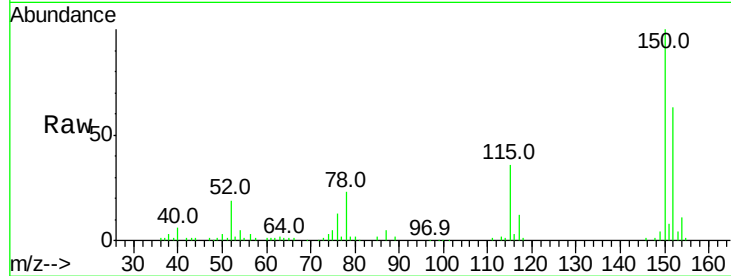
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.3 | 126.6 | 189.8 |
| 115     | 57.1  | 53.0  | 79.4  |

Manual Integrations  
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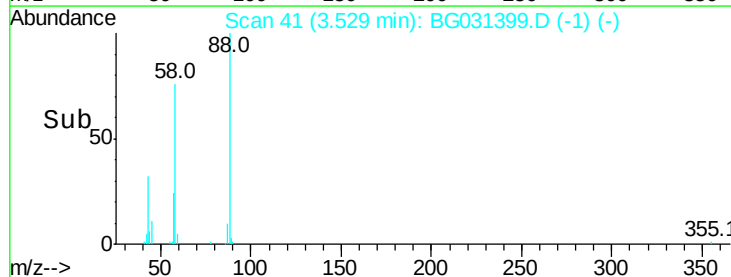
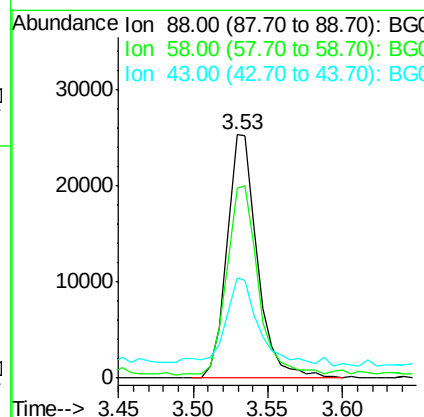
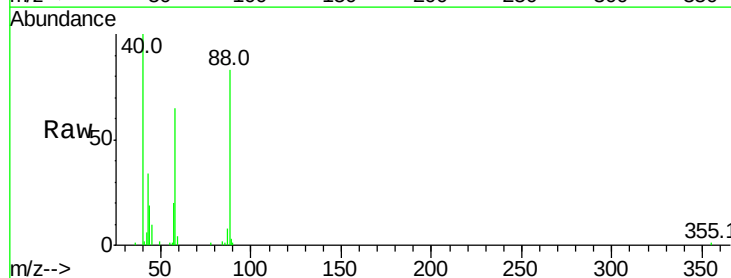
Sohil  
12/8/2017 11:13:36 AM

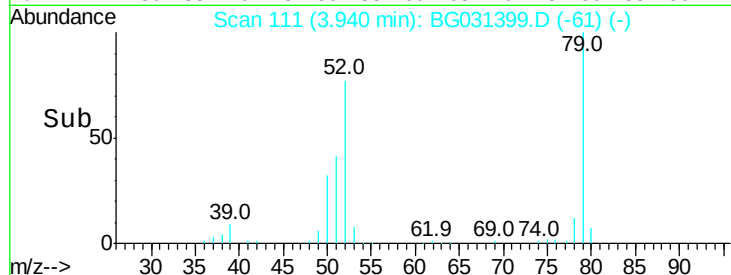
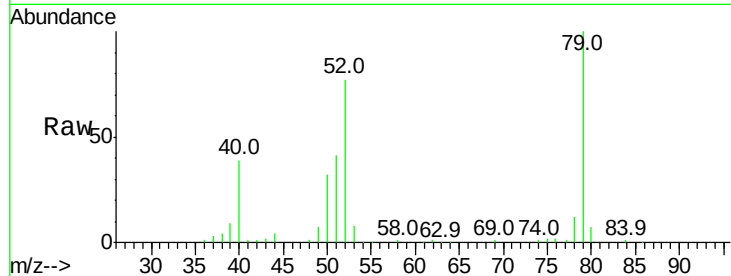
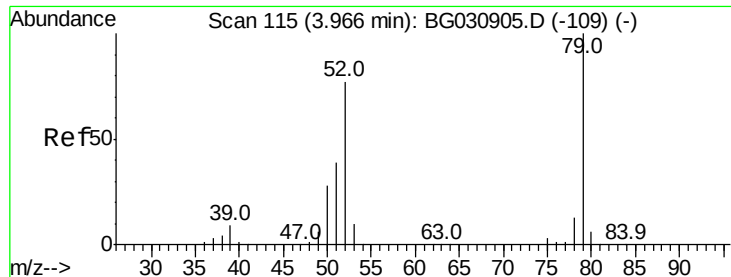


#2

1,4-Dioxane  
Concen: 30.636 ng  
RT: 3.53 min Scan# 41  
Delta R.T. -0.01 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 79.1  | 79.6  | 119.4# |
| 43      | 38.4  | 27.4  | 41.0   |





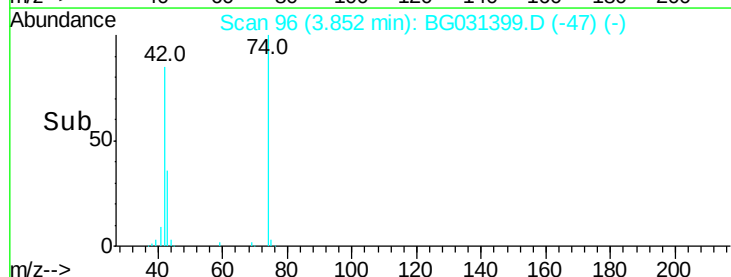
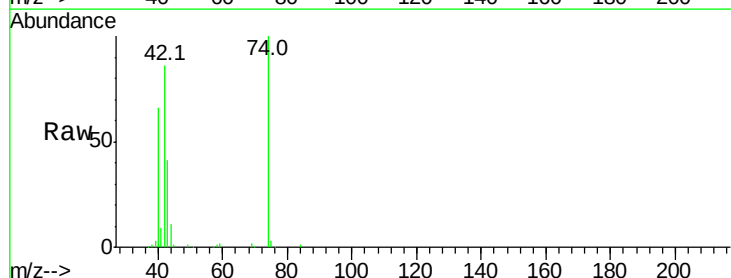
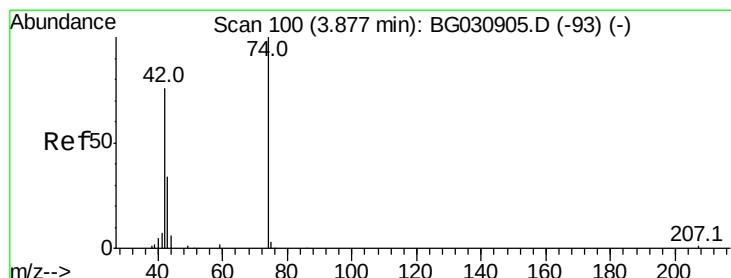
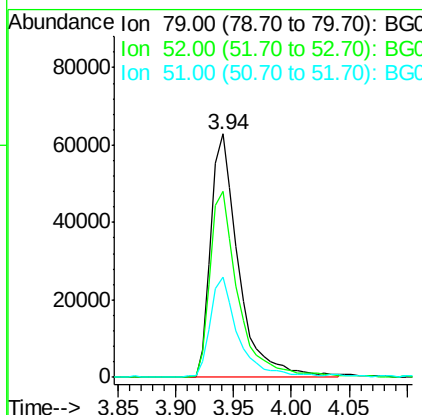
#3  
 Pvridine  
 Concen: 30.674 ng  
 RT: 3.94 min Scan# 111  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 76.5  | 69.9  | 104.9 |
| 51      | 41.2  | 34.0  | 51.0  |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

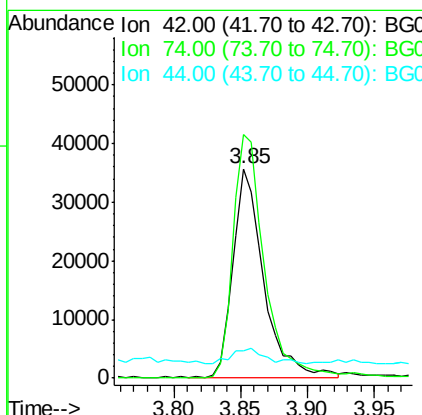
Manual Integrations  
 APPROVED

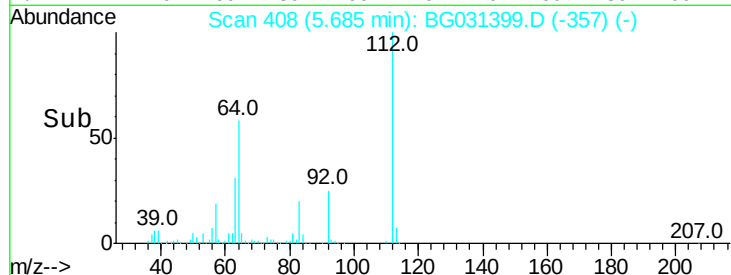
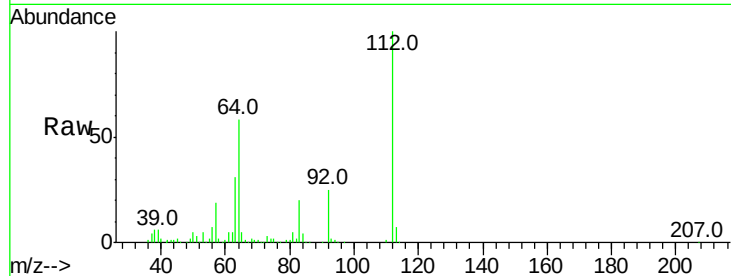
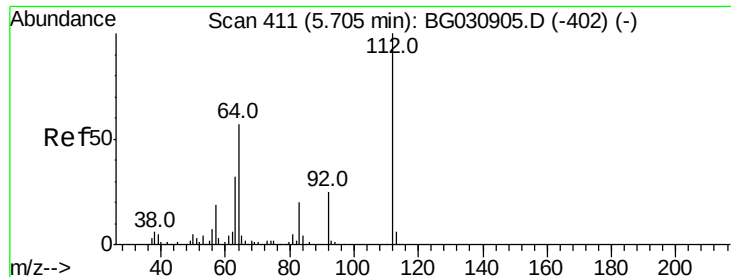
Sohil  
 12/8/2017 11:13:36 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 35.228 ng  
 RT: 3.85 min Scan# 96  
 Delta R.T. -0.01 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 116.3 | 102.5 | 153.7 |
| 44      | 13.1  | 18.9  | 28.3  |





#5

2-Fluorophenol

Concen: 123.494 ng

RT: 5.69 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 362359 |       |       |
| 64      | 58.2  | 56.3   | 84.5  |       |
| 63      | 31.5  | 30.1   | 45.1  |       |

Instrument :

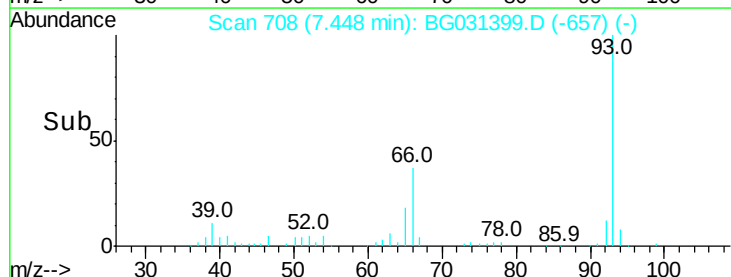
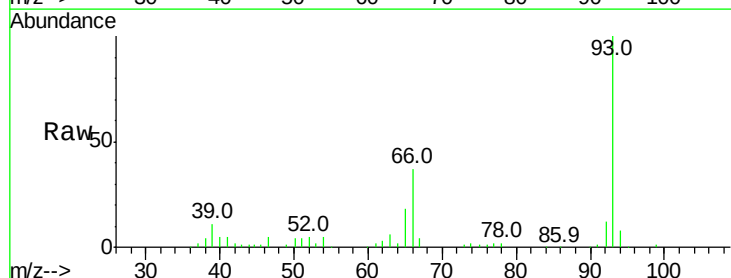
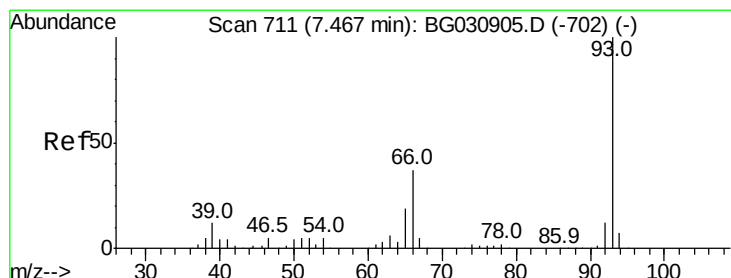
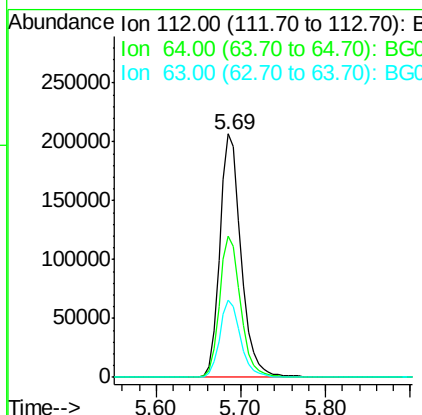
BNA\_G

ClientSampled :

PB104796BS

Manual Integrations  
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Sohil  
12/8/2017 11:13:36 AM



#6

Aniline

Concen: 18.658 ng

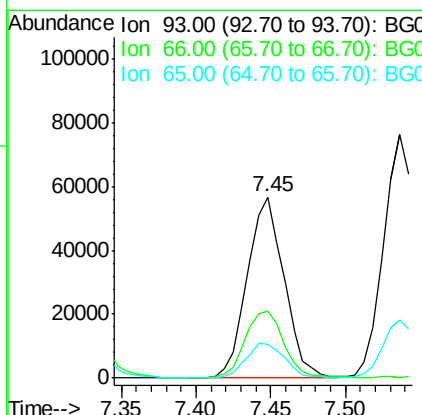
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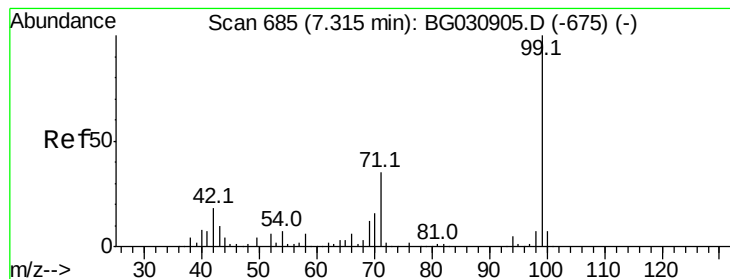
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 97067 |       |       |
| 66      | 36.7  | 33.7  | 50.5  |       |
| 65      | 18.3  | 16.1  | 24.1  |       |





#7

Phenol-d6

Concen: 121.359 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

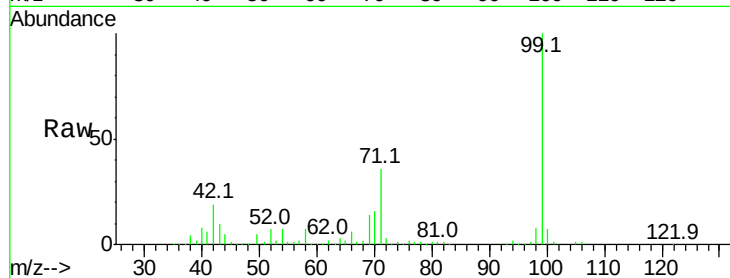
ClientSampleId :

PB104796BS

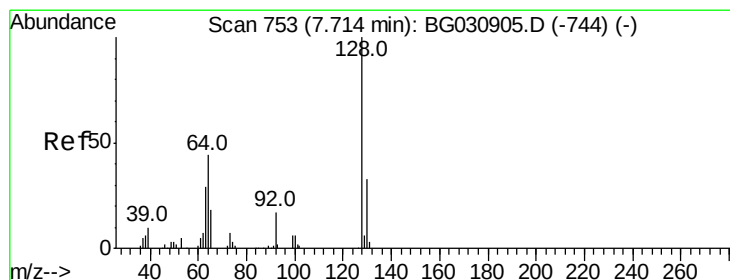
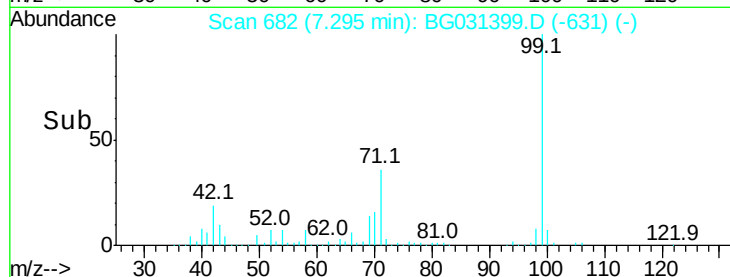
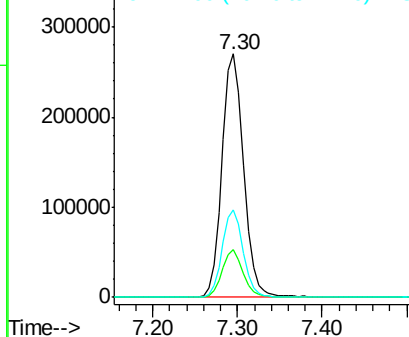
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 479737 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.5  | 14.1  | 21.1   |
| 71        | 36.1  | 26.1  | 39.1   |

Manual Integrations  
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12/8/2017 11:13:36 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.169 ng

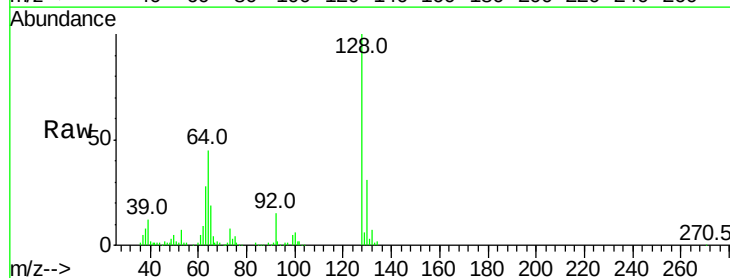
RT: 7.69 min Scan# 750

Delta R.T. 0.00 min

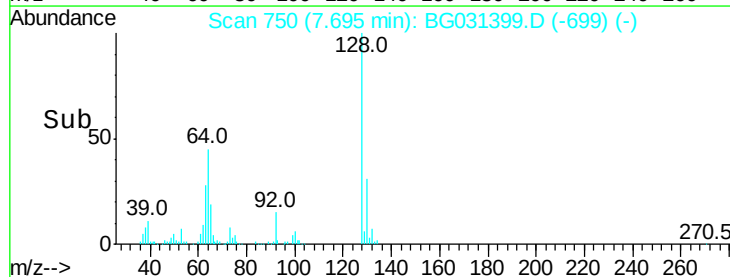
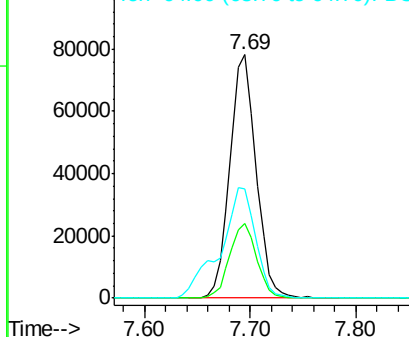
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Acq: 7 Dec 2017 15:24

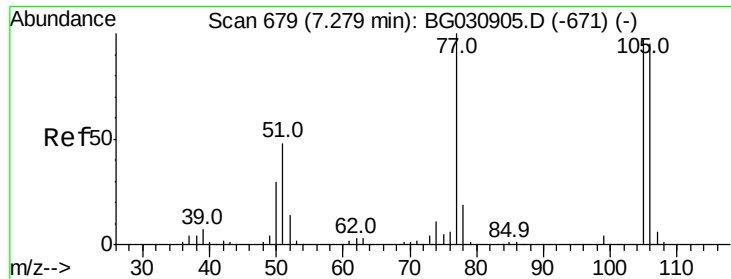
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| Tgt Ion:  | 128   | Resp: | 133309 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.9  | 14.0  | 54.0   |
| 64        | 45.1  | 37.7  | 77.7   |



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 16.147 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

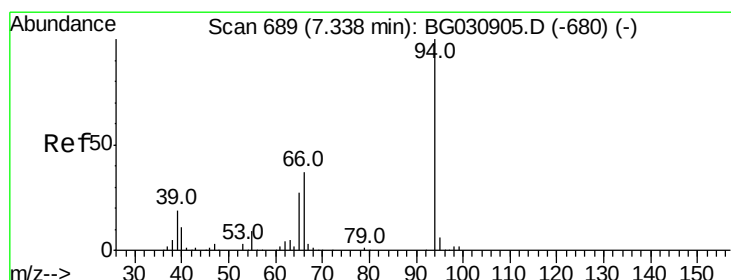
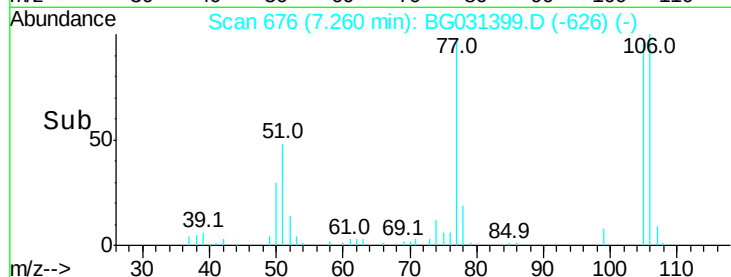
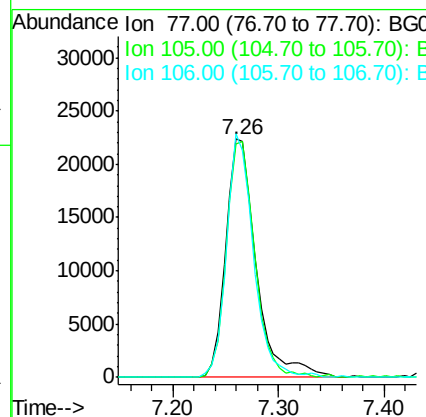
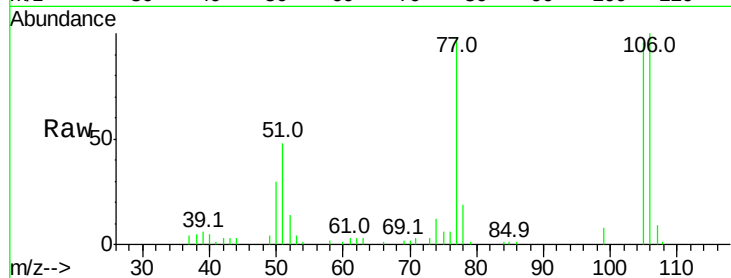
ClientSampleId :

PB104796BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 44666 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 97.9  | 71.3  | 111.3 |
| 106      | 102.3 | 64.2  | 104.2 |

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#10

Phenol

Concen: 41.848 ng

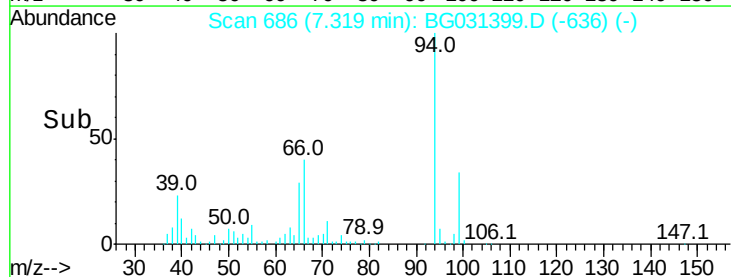
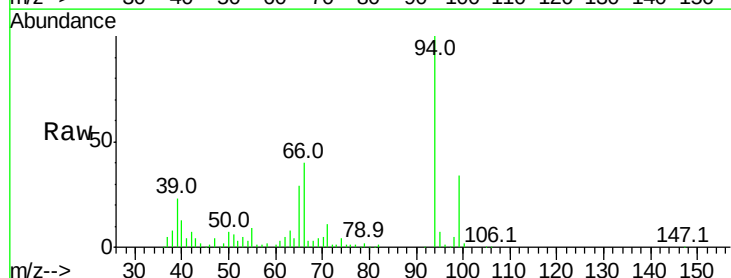
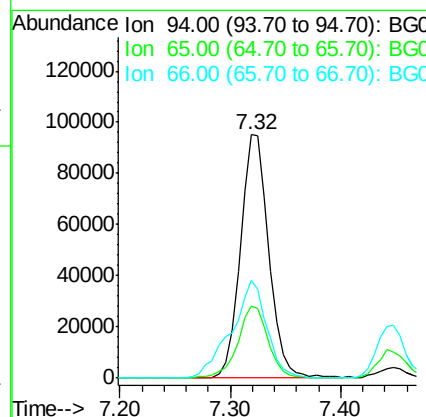
RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

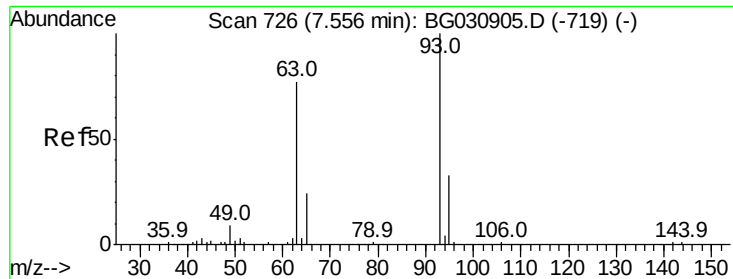
Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 171794 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.5  | 11.9  | 51.9   |
| 66       | 39.9  | 22.2  | 62.2   |







#11

bis(2-Chloroethyl)ether

Concen: 36.444 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

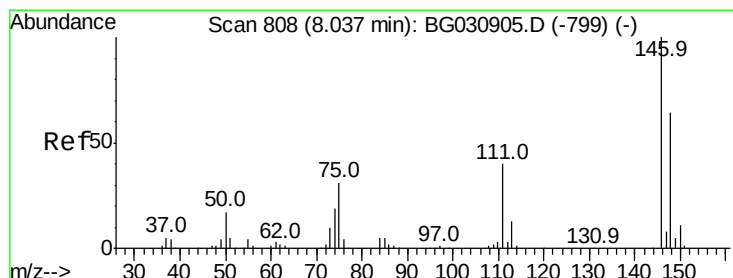
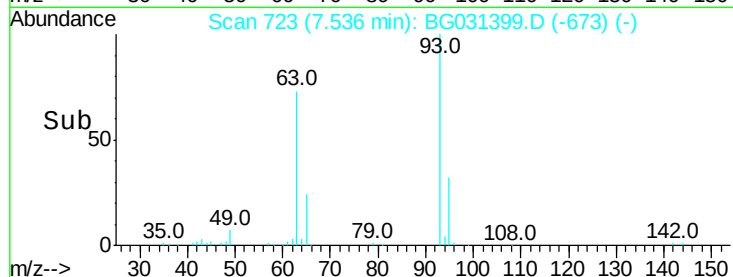
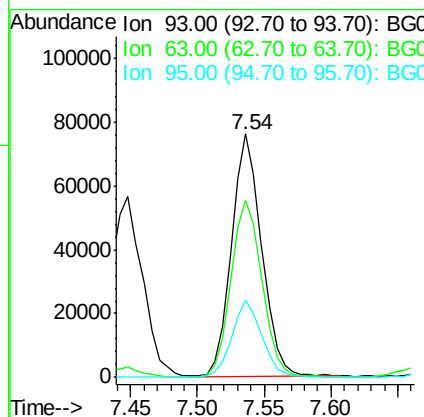
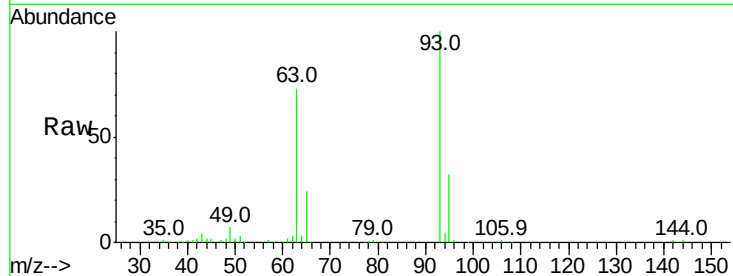
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 119456 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.8  | 67.1  | 107.1  |
| 95        | 31.6  | 11.5  | 51.5   |

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#12

1,3-Dichlorobenzene

Concen: 36.769 ng

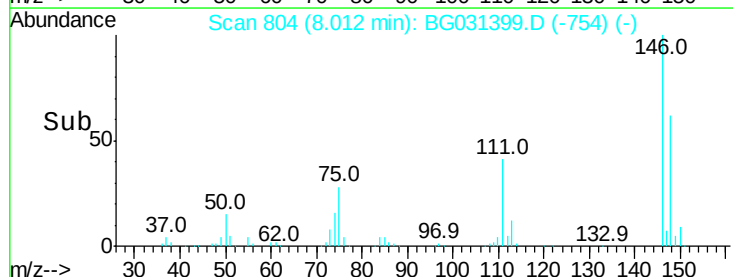
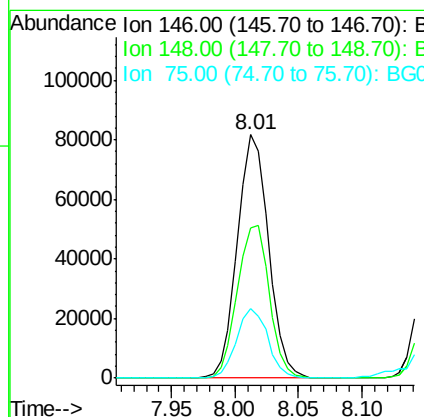
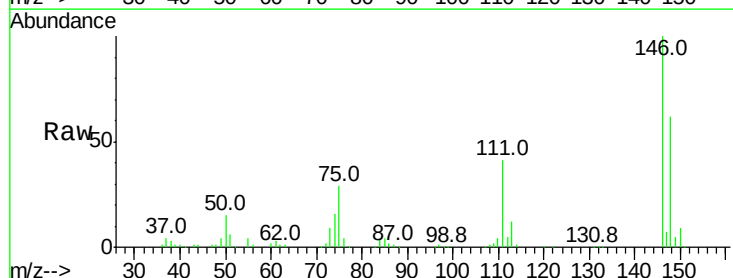
RT: 8.01 min Scan# 804

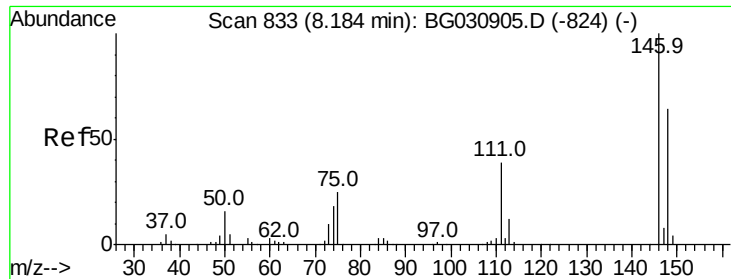
Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 139689 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.7  | 51.4  | 77.2   |
| 75        | 28.5  | 26.6  | 39.8   |





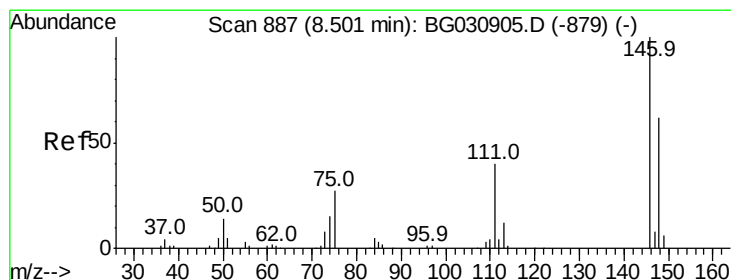
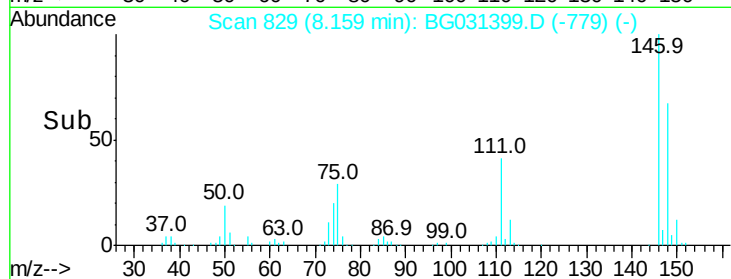
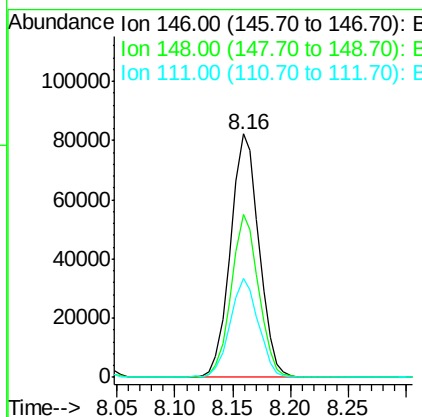
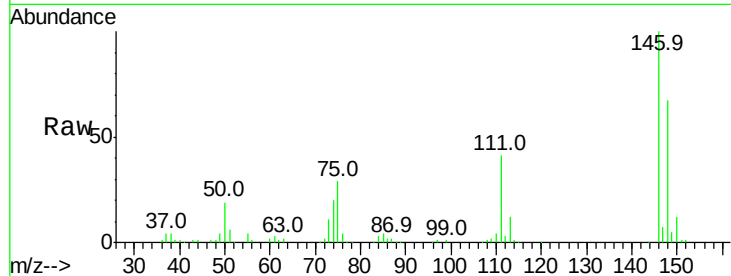
#13  
 1,4-Dichlorobenzene  
 Concen: 36.562 ng  
 RT: 8.16 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.8  | 53.7  | 80.5  |
| 111     | 40.6  | 35.2  | 52.8  |

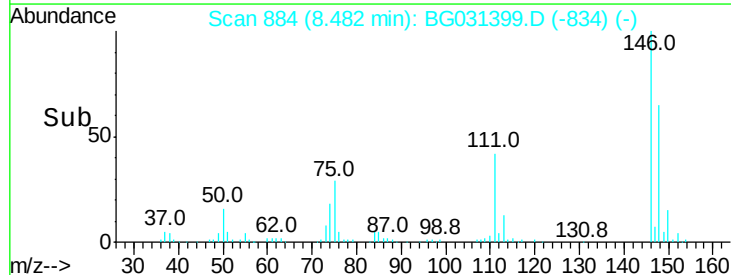
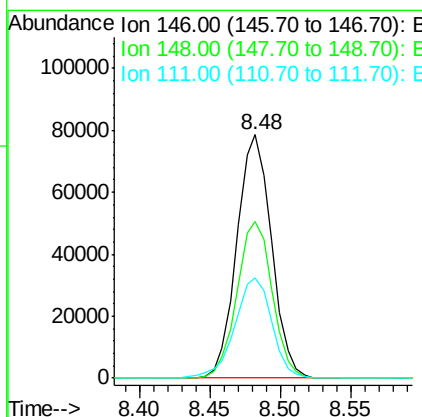
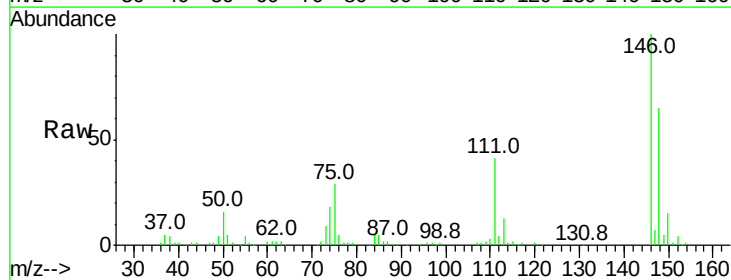
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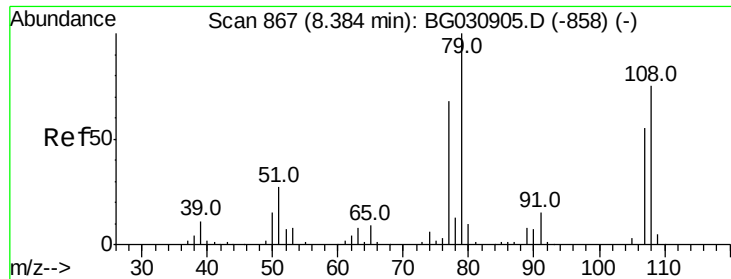
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.532 ng  
 RT: 8.48 min Scan# 884  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 49.3  | 73.9  |
| 111     | 41.2  | 34.3  | 51.5  |





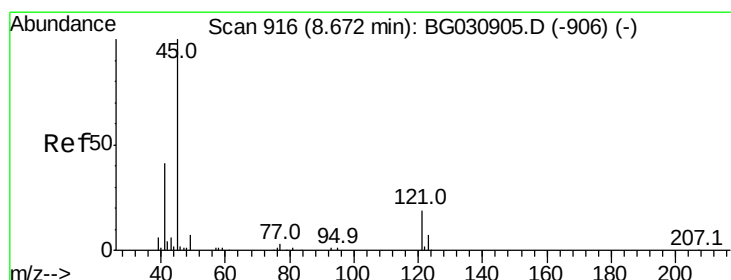
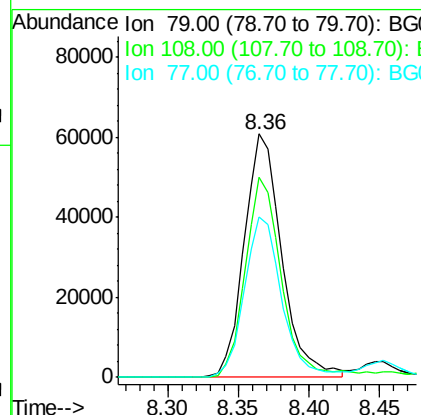
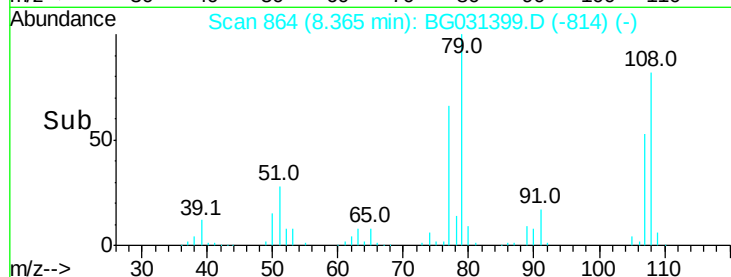
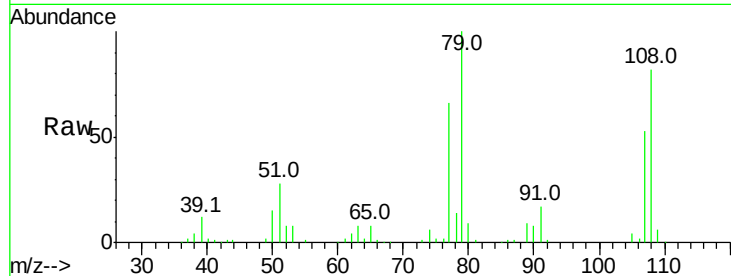
#15  
Benzyl Alcohol  
Concen: 35.788 ng  
RT: 8.36 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.3  | 57.2  | 85.8  |
| 77      | 65.8  | 46.1  | 69.1  |

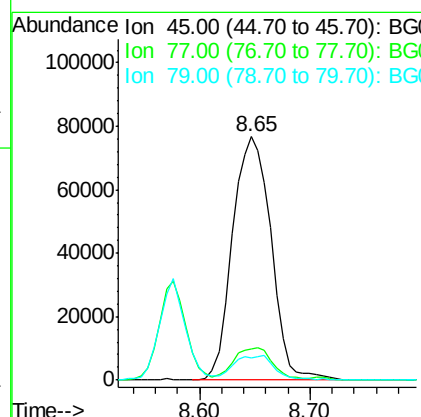
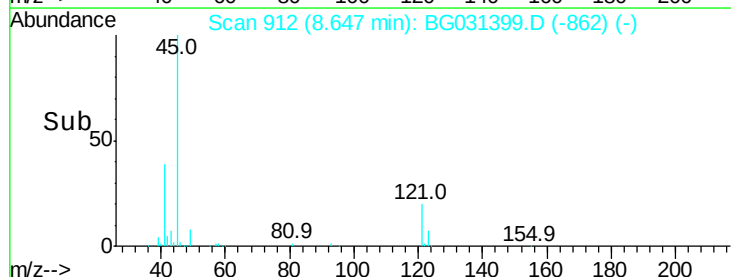
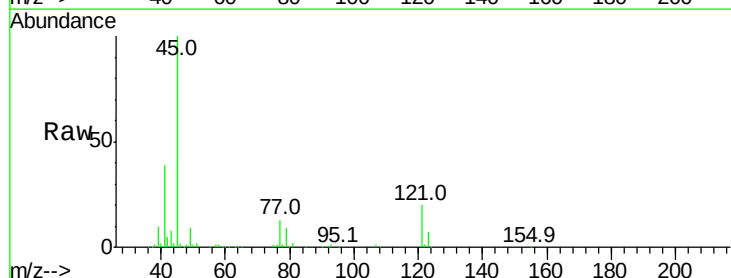
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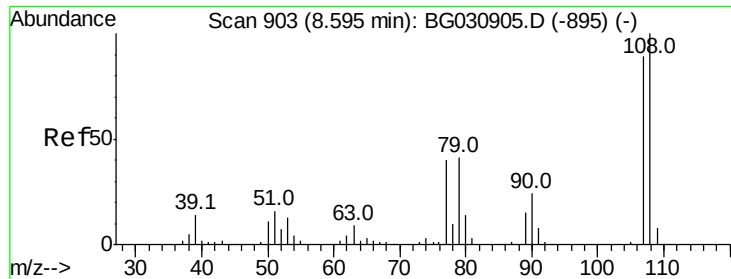
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.734 ng  
RT: 8.65 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.7  | 0.0   | 30.2  |
| 79      | 9.1   | 0.0   | 27.9  |





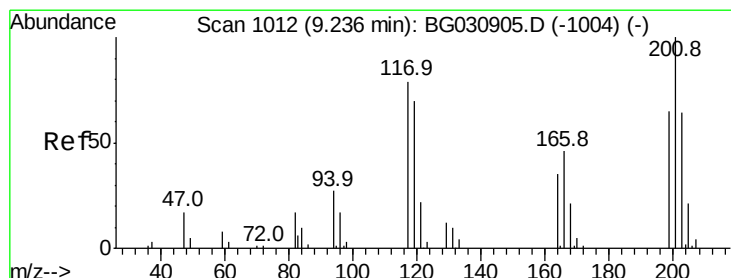
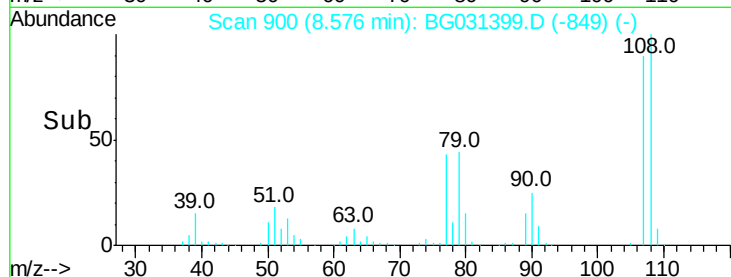
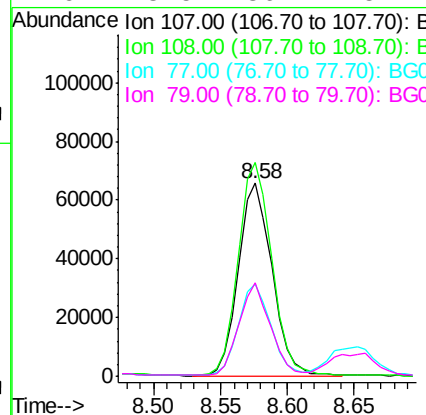
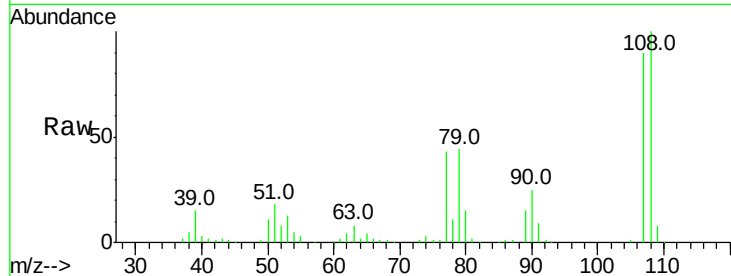
#17  
2-Methylphenol  
Concen: 40.163 ng  
RT: 8.58 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.7 | 83.9 | 125.9 |       |
| 77      | 47.5  | 37.2 | 55.8  |       |
| 79      | 48.5  | 36.2 | 54.2  |       |

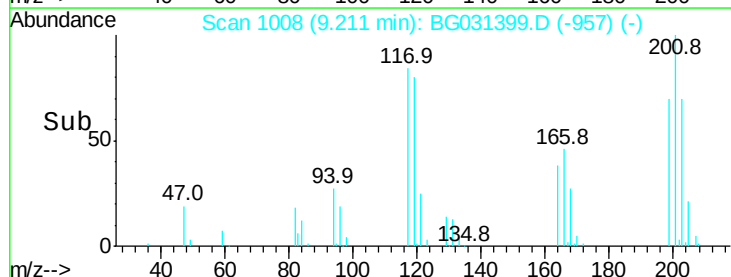
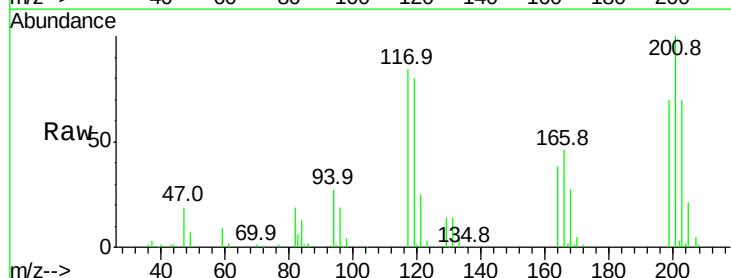
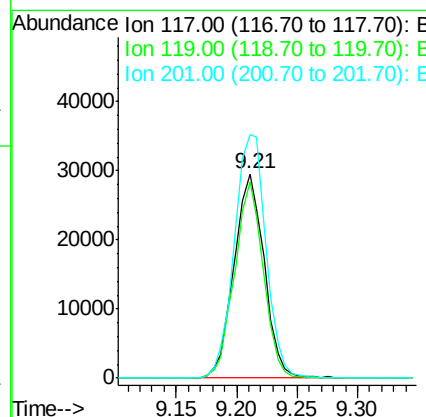
Manual Integrations  
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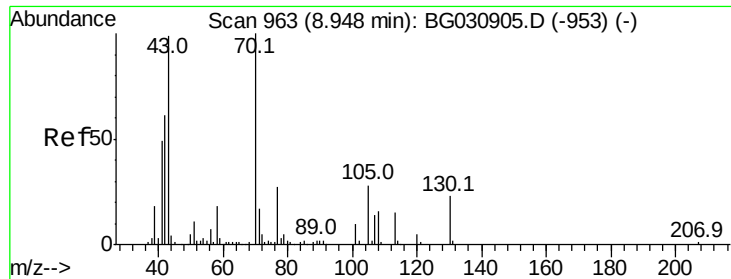
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#18  
Hexachloroethane  
Concen: 38.447 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.9  | 76.7 | 115.1 |       |
| 201     | 119.2 | 95.7 | 143.5 |       |





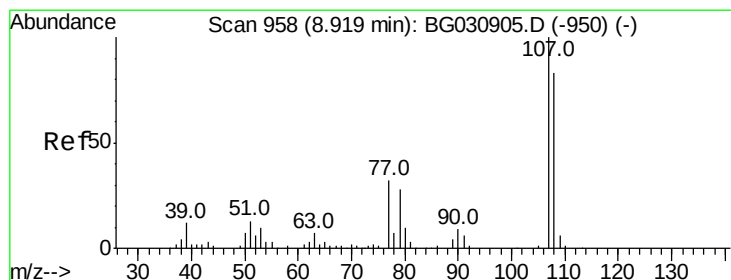
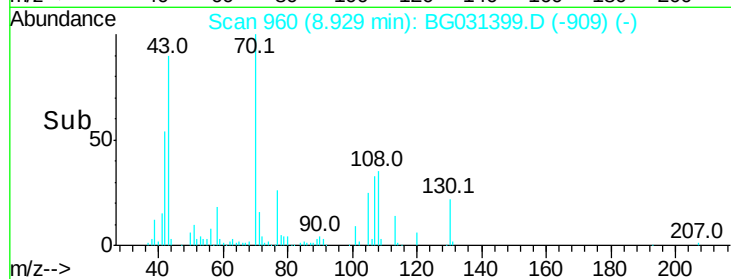
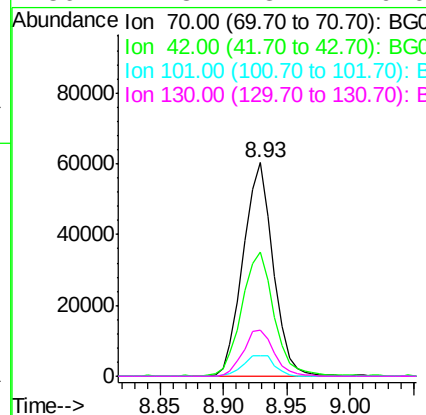
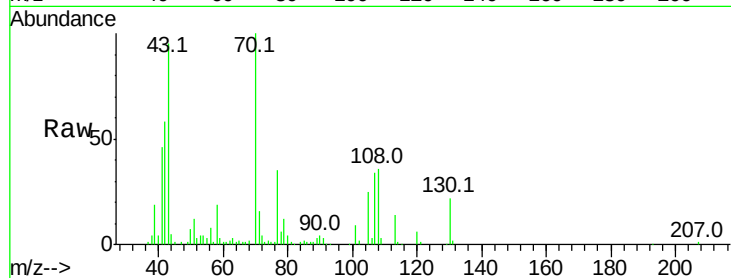
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.122 ng  
RT: 8.93 min Scan# 960  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.4  | 49.1  | 73.7  |
| 101     | 9.5   | 8.5   | 12.7  |
| 130     | 21.8  | 13.4  | 20.0  |

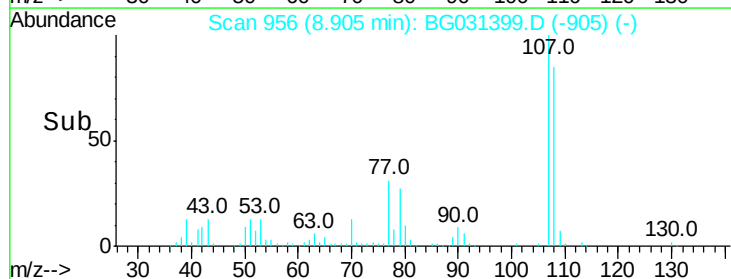
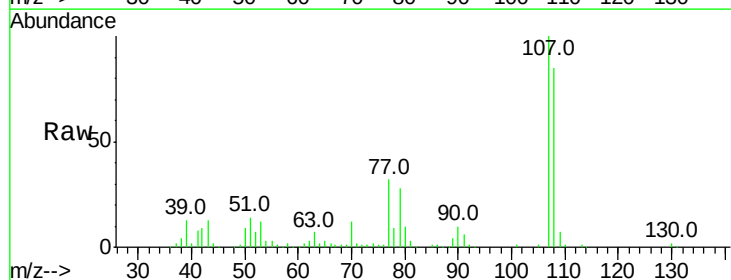
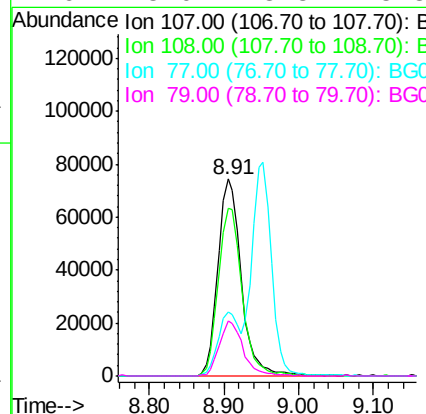
Manual Integrations  
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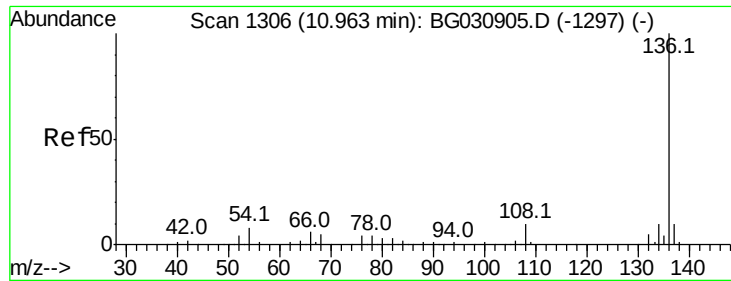
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#20  
3+4-Methylphenols  
Concen: 39.763 ng  
RT: 8.91 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.1  | 61.6  | 101.6 |
| 77      | 32.4  | 13.9  | 53.9  |
| 79      | 28.0  | 8.8   | 48.8  |





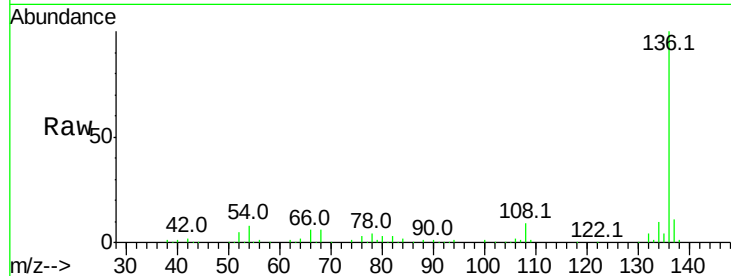
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.9  | 9.2  | 13.8  |       |
| 54      | 8.2   | 10.3 | 15.5  |       |
| 68      | 5.5   | 4.5  | 6.7   |       |

Manual Integrations  
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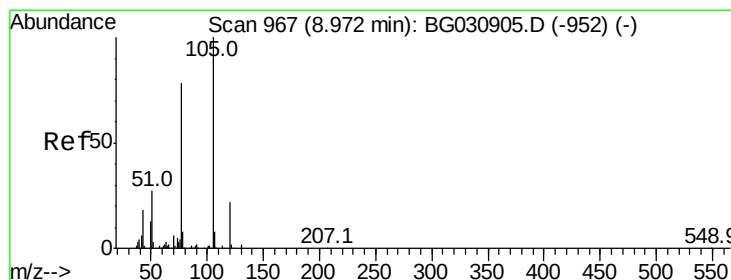
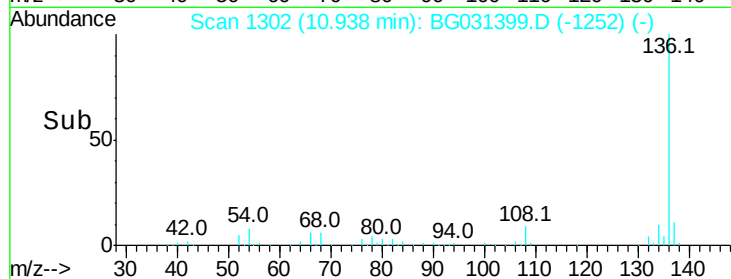
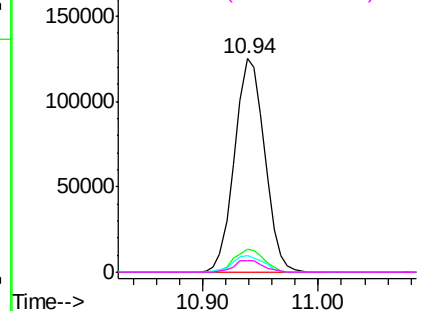
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 32.850 ng  
RT: 8.95 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.7   | 3.0  | 4.4   |       |
| 51      | 26.5  | 26.1 | 39.1  |       |
| 120     | 23.9  | 17.4 | 26.2  |       |

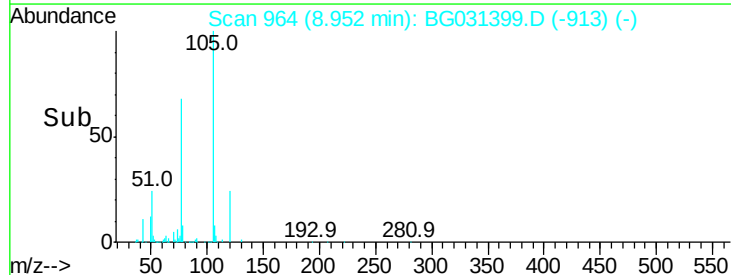
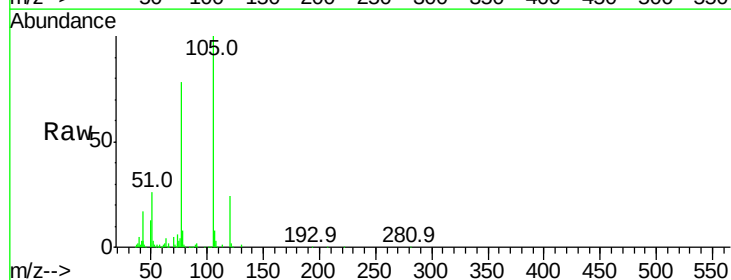
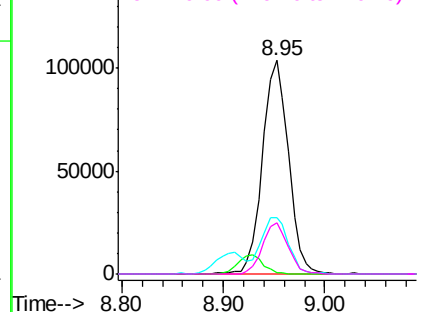
Abundance

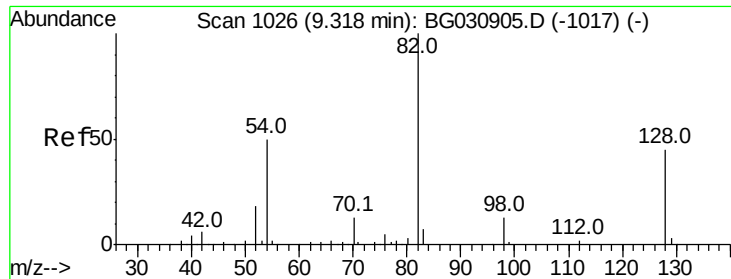
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





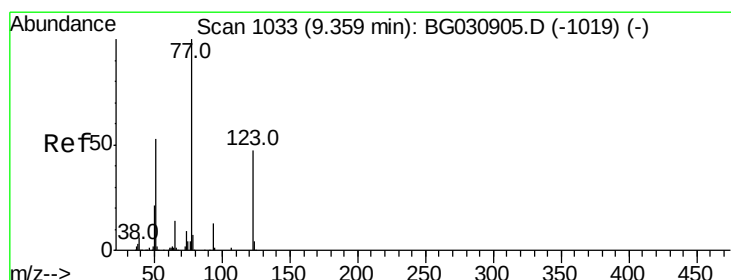
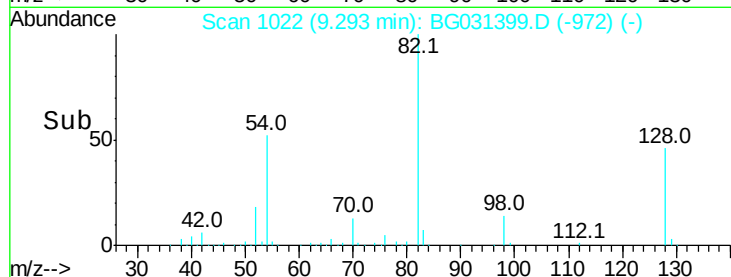
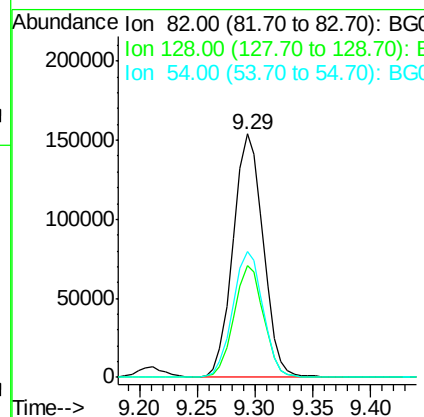
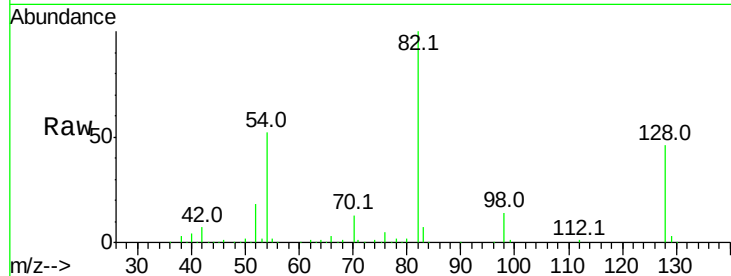
#23  
 Nitrobenzene-d5  
 Concen: 73.169 ng  
 RT: 9.29 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.1  | 29.7  | 44.5# |
| 54      | 51.6  | 43.1  | 64.7  |

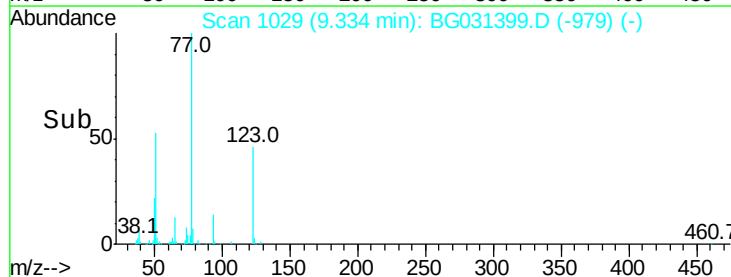
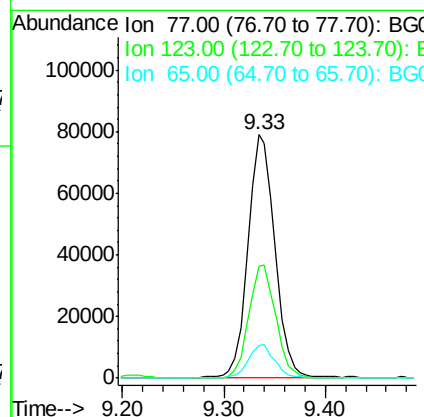
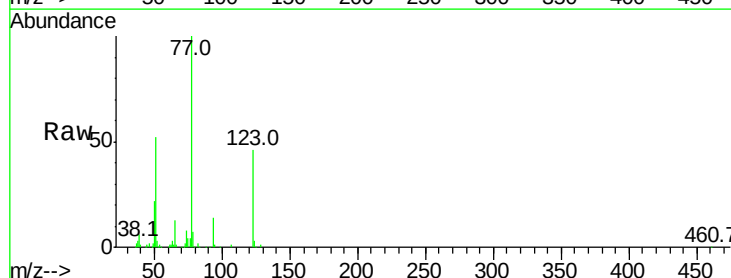
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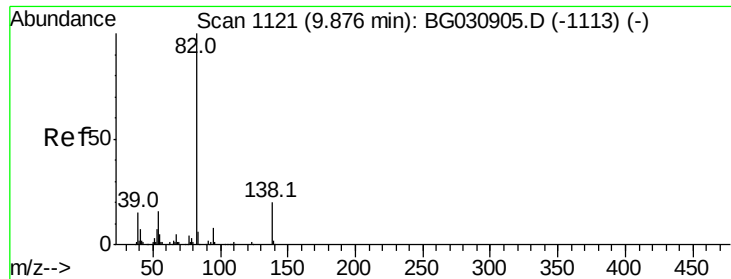


#24  
 Nitrobenzene  
 Concen: 37.428 ng  
 RT: 9.33 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.2  | 33.0  | 49.6  |
| 65      | 13.3  | 13.0  | 19.6  |







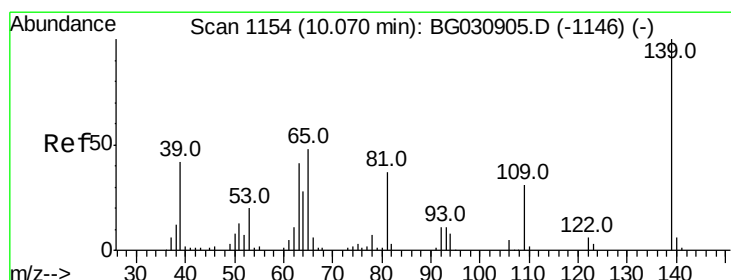
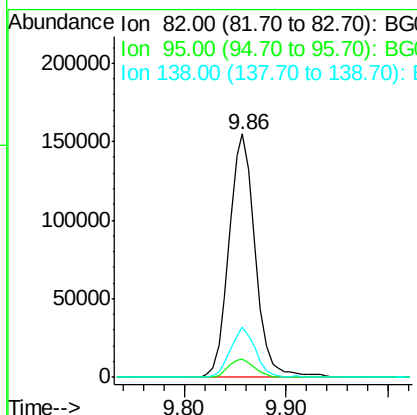
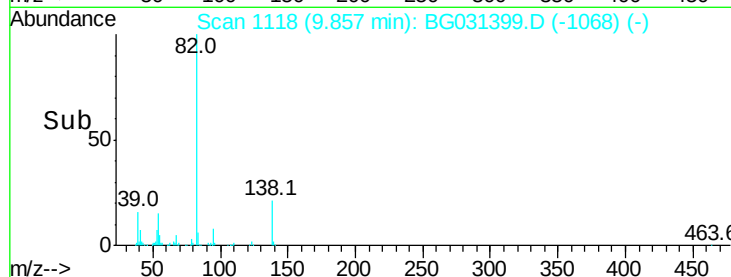
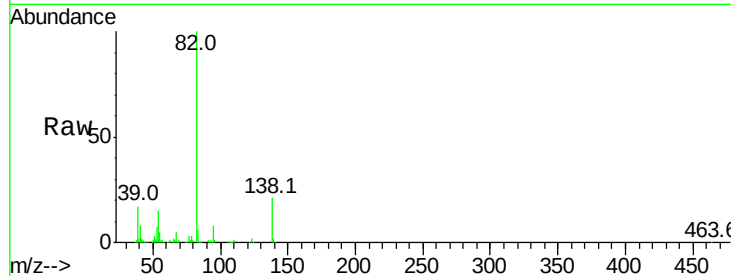
#25  
Isophorone  
Concen: 37.238 ng  
RT: 9.86 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.5   | 6.2  | 9.2   |       |
| 138     | 20.5  | 12.1 | 18.1  |       |

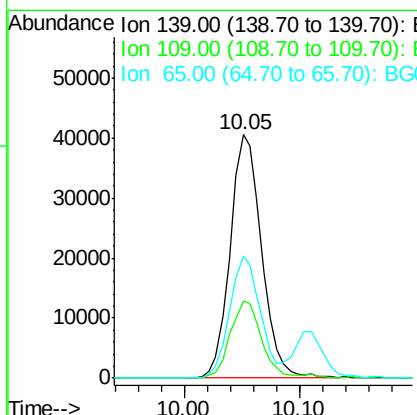
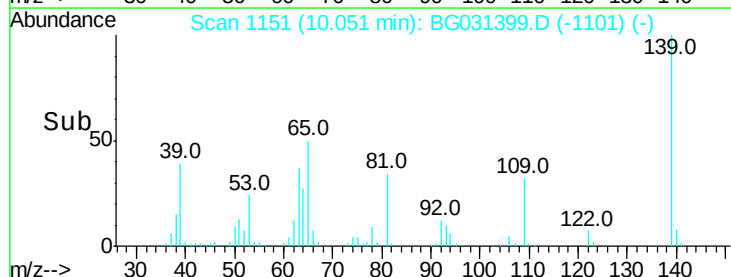
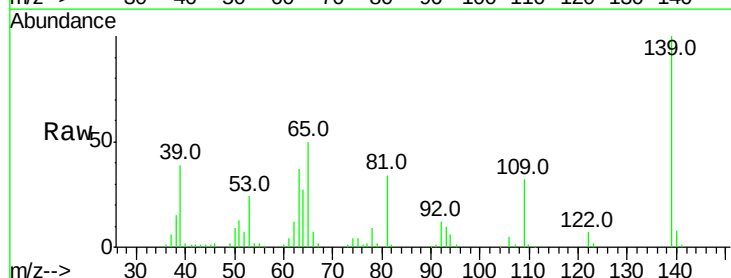
Manual Integrations  
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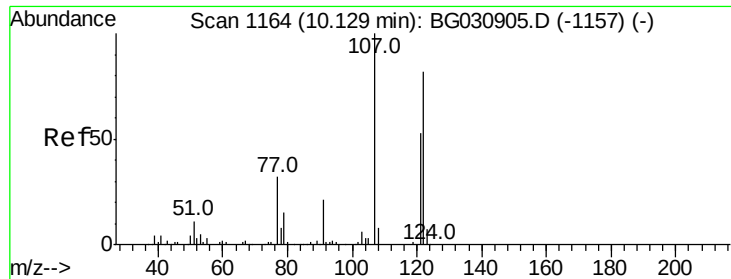
Sohil  
12/8/2017 11:13:36 AM



#26  
2-Nitrophenol  
Concen: 37.542 ng  
RT: 10.05 min Scan# 1151  
Delta R.T. -0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 31.8  | 24.2 | 36.2  |       |
| 65      | 50.0  | 47.4 | 71.0  |       |





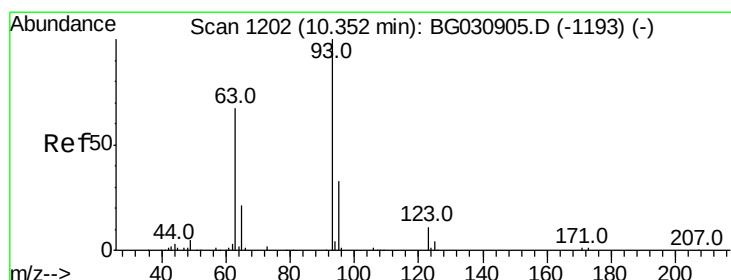
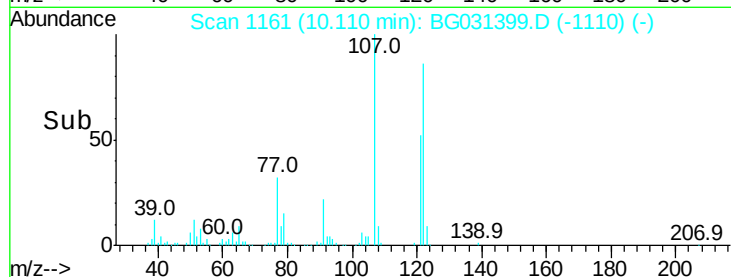
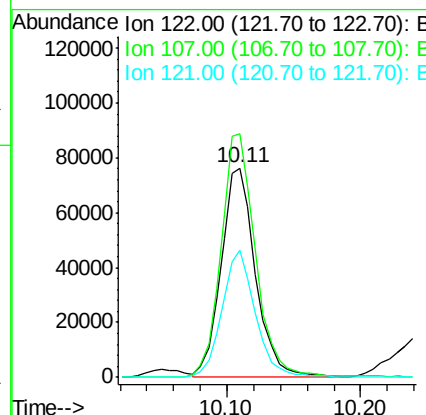
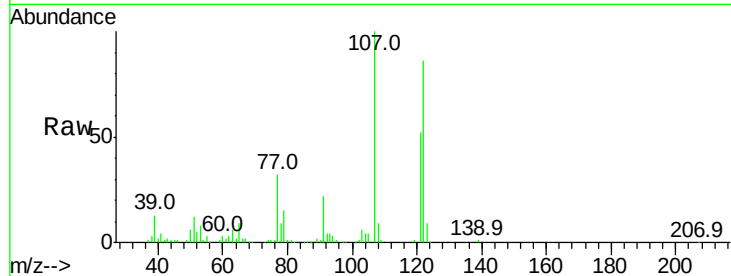
#27  
2,4-Dimethylphenol  
Concen: 45.082 ng  
RT: 10.11 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.4 | 100.2 | 150.2 |
| 121     | 60.9  | 44.4  | 66.6  |

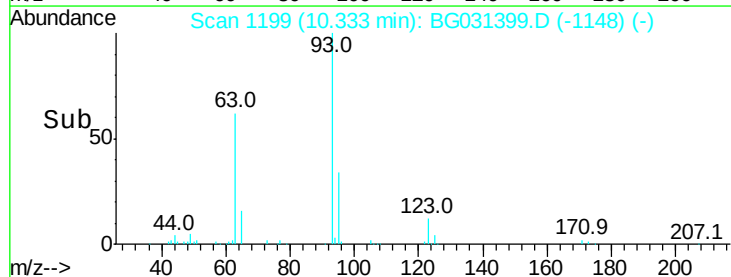
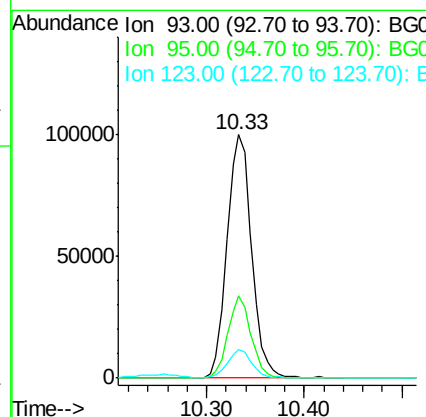
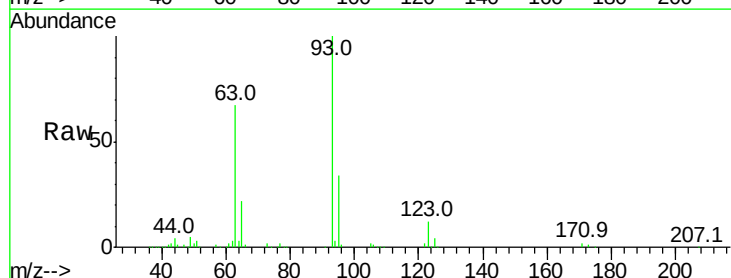
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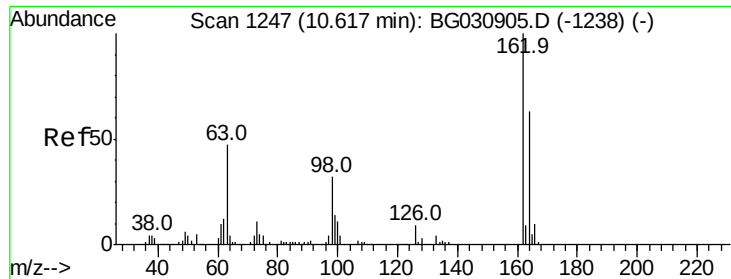
Sohil  
12/8/2017 11:13:36 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.268 ng  
RT: 10.33 min Scan# 1199  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.6  | 24.3  | 36.5  |
| 123     | 11.8  | 8.4   | 12.6  |





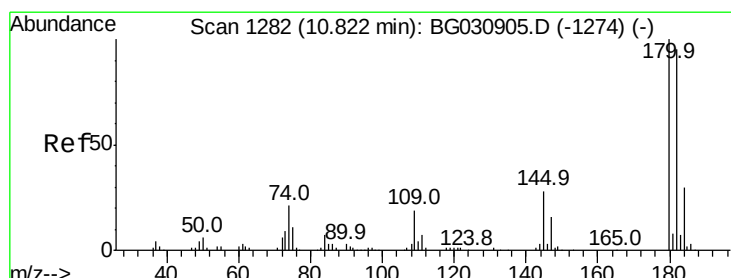
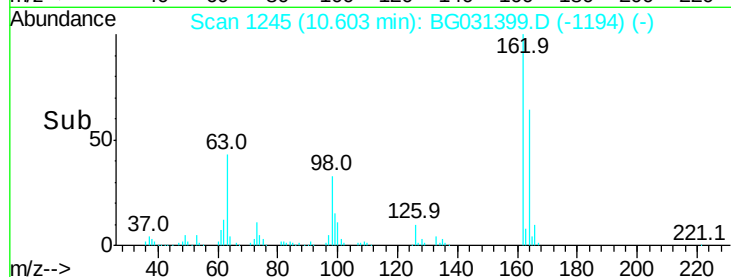
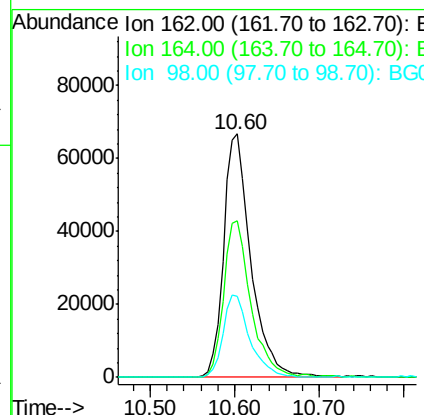
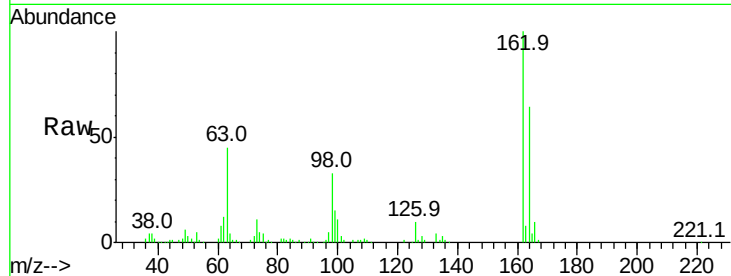
#29  
 2,4-Dichlorophenol  
 Concen: 41.321 ng  
 RT: 10.60 min Scan# 1245  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 149471 |       |       |
| 164     | 64.5  | 48.0   | 88.0  |       |
| 98      | 33.2  | 21.1   | 61.1  |       |

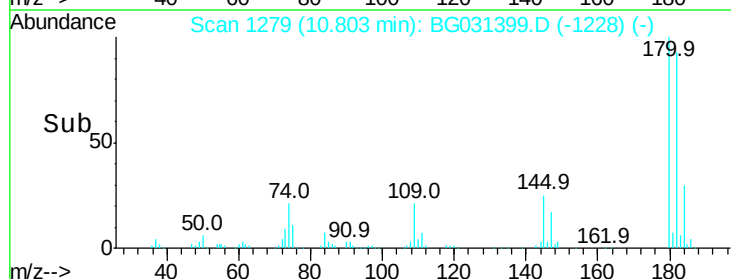
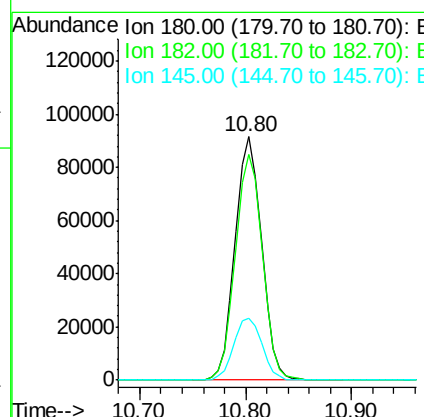
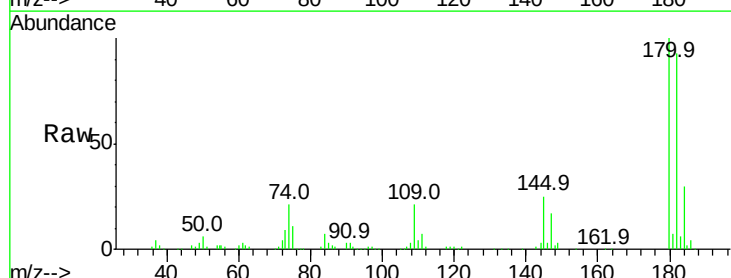
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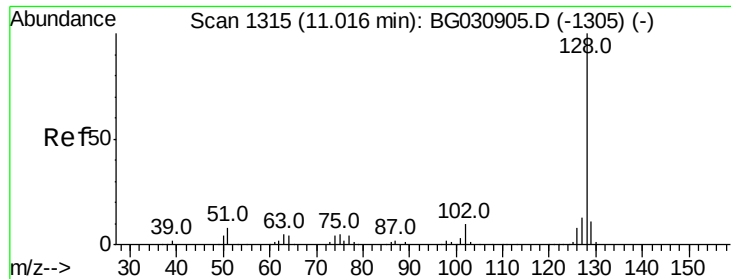
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.801 ng  
 RT: 10.80 min Scan# 1279  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 158931 |       |       |
| 182     | 92.9  | 77.5   | 116.3 |       |
| 145     | 25.4  | 23.4   | 35.2  |       |





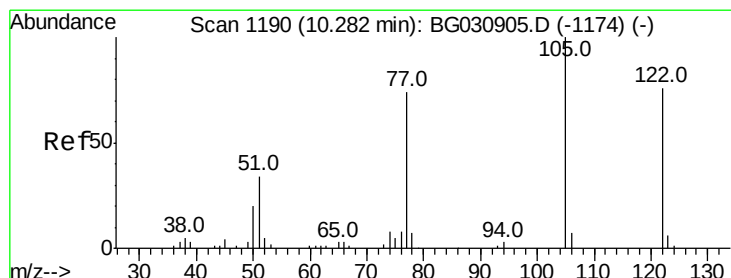
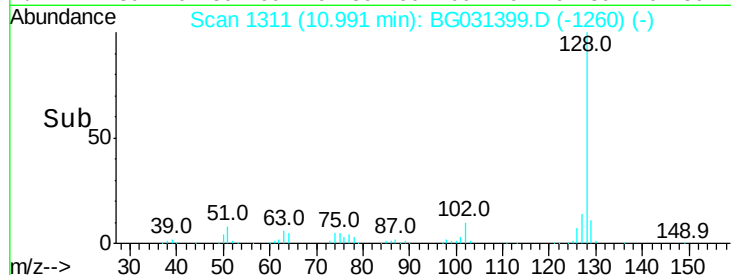
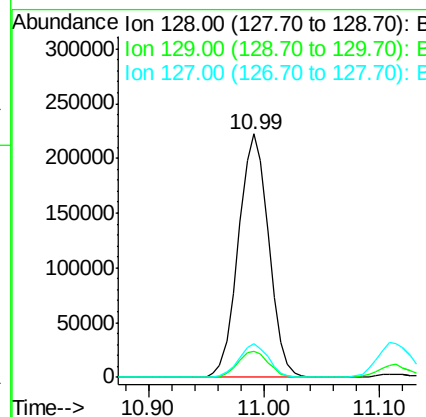
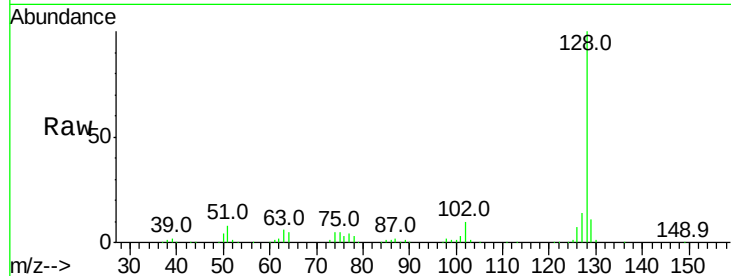
#31  
Naphthalene  
Concen: 36.319 ng  
RT: 10.99 min Scan# 1311  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.6   | 12.8  |
| 127     | 13.9  | 11.6  | 17.4  |

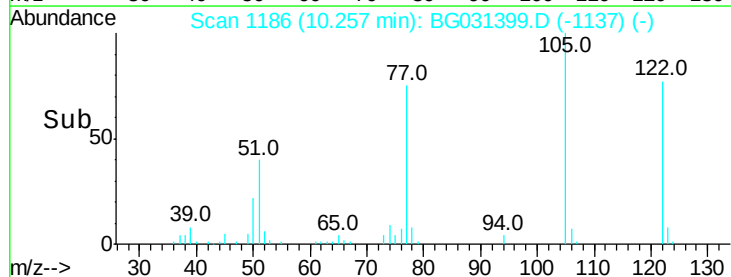
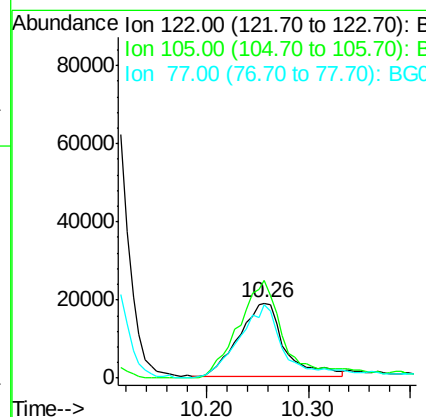
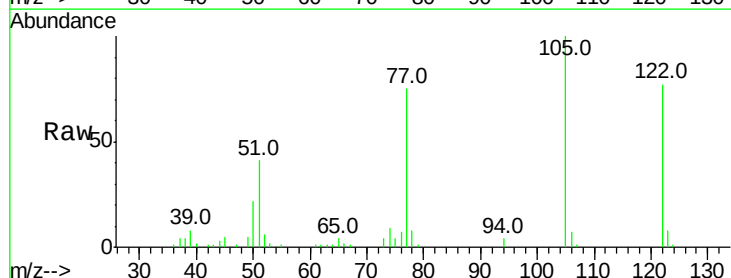
Manual Integrations  
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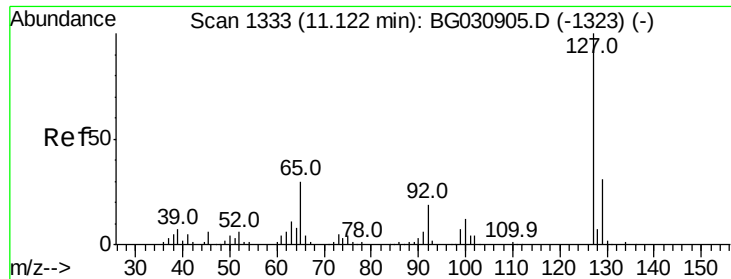
Sohil  
12/8/2017 11:13:36 AM



#32  
Benzoic acid  
Concen: 26.702 ng  
RT: 10.26 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.7 | 123.5 | 163.5 |
| 77      | 97.7  | 85.7  | 125.7 |





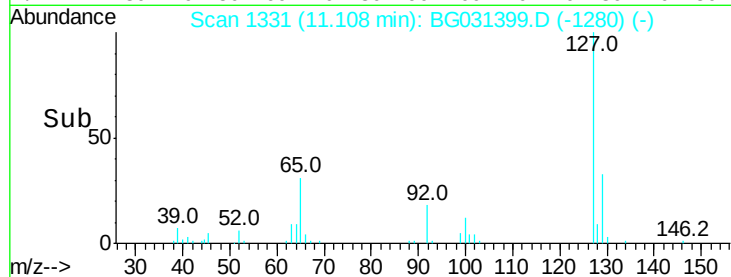
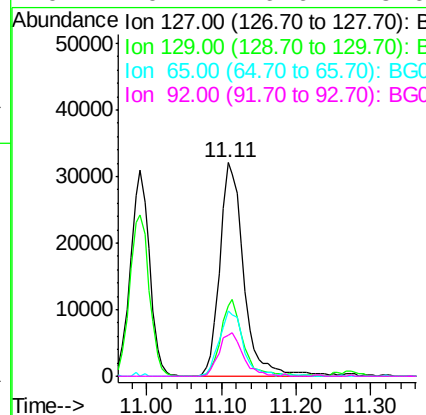
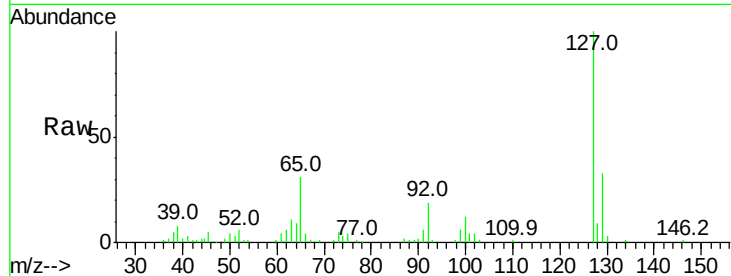
#33  
 4-Chloroaniline  
 Concen: 14.694 ng  
 RT: 11.11 min Scan# 1331  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 24.0  | 36.0  |
| 65      | 30.6  | 27.0  | 40.4  |
| 92      | 19.4  | 16.6  | 25.0  |

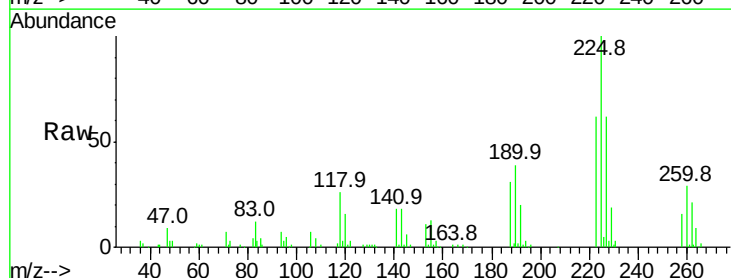
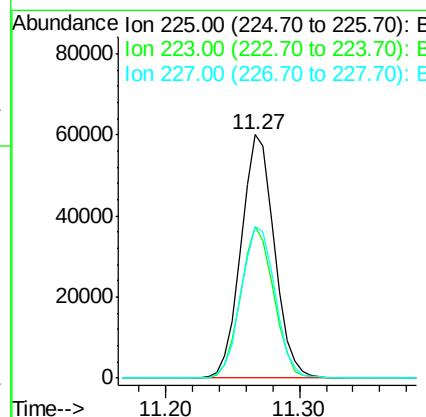
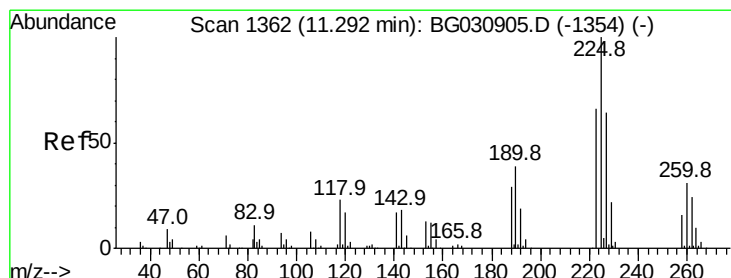
Manual Integrations  
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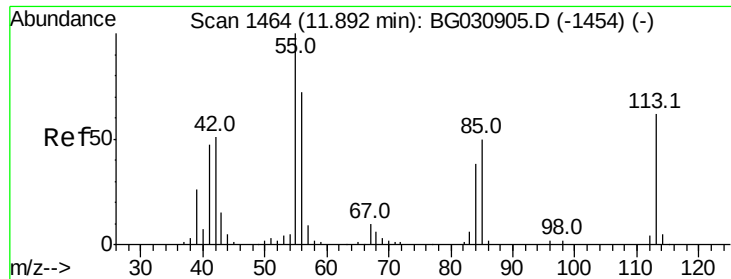
Sohil  
 12/8/2017 11:13:36 AM



#34  
 Hexachlorobutadiene  
 Concen: 34.502 ng  
 RT: 11.27 min Scan# 1358  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 49.7  | 74.5  |
| 227     | 62.3  | 48.1  | 72.1  |





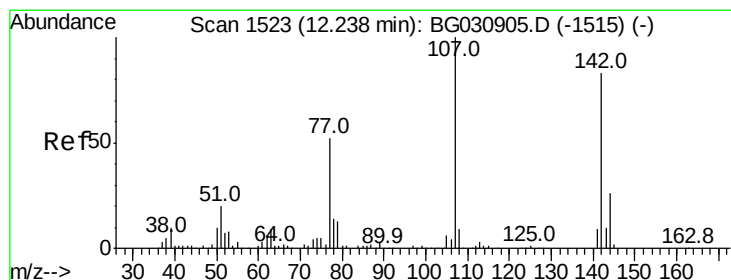
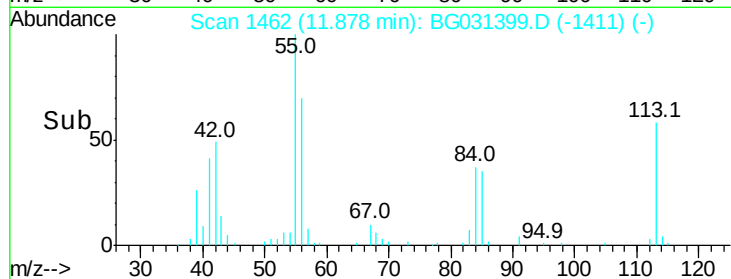
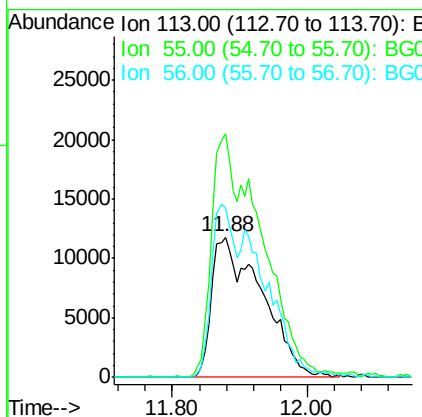
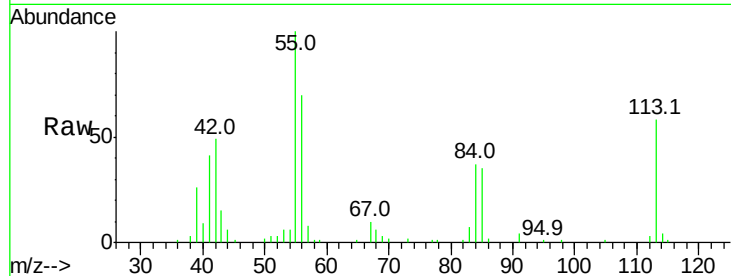
#35  
 Caprolactam  
 Concen: 40.927 ng/ml  
 RT: 11.88 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB104796BS

Tot Ion:113 Resp: 60477  
 Ion Ratio Lower Upper  
 113 100  
 55 173.6 186.9 226.9#  
 56 121.2 130.9 170.9#

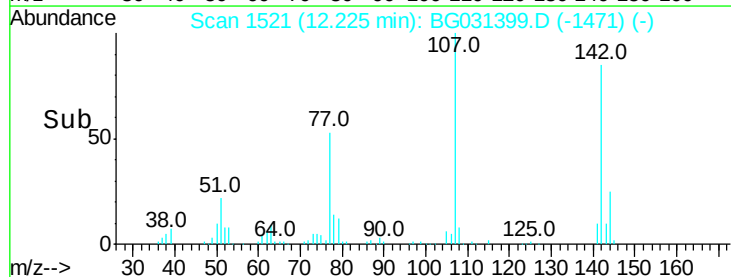
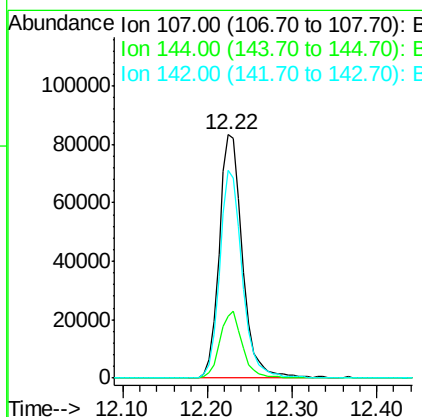
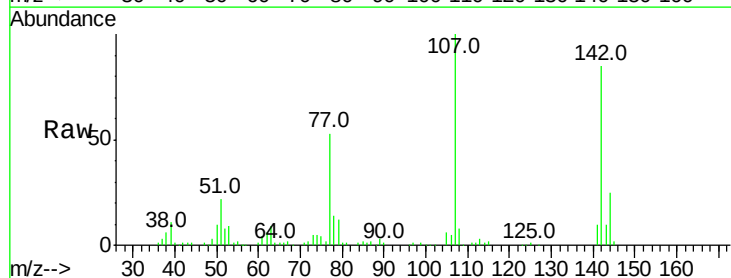
Manual Integrations  
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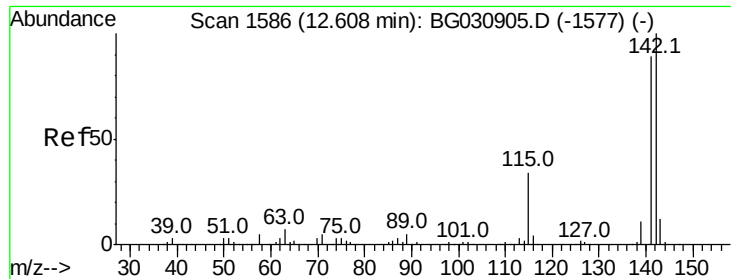
Sohil  
 12/8/2017 11:13:36 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.473 ng/ml  
 RT: 12.22 min Scan# 1521  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Tgt Ion:107 Resp: 159343  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 18.2 27.4  
 142 85.4 59.0 88.4





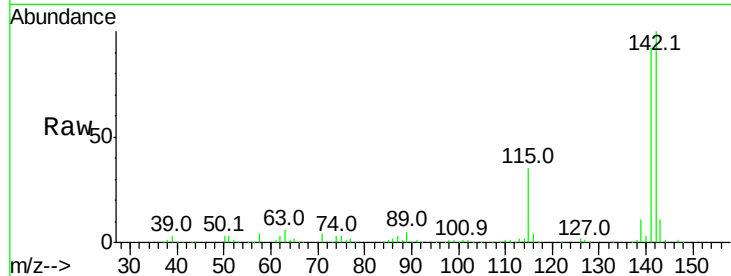
#37  
2-Methylnaphthalene  
Concen: 37.521 ng  
RT: 12.59 min Scan# 1583  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampled :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 67.1  | 100.7 |
| 115     | 34.7  | 30.7  | 46.1  |

Manual Integrations  
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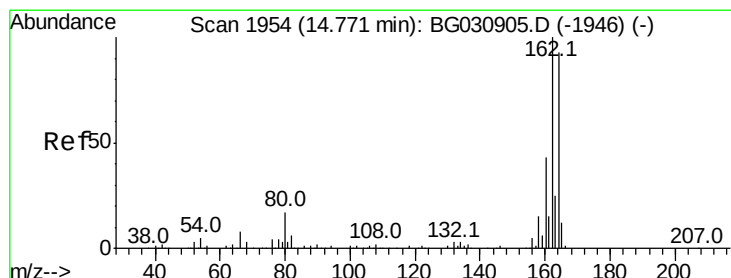
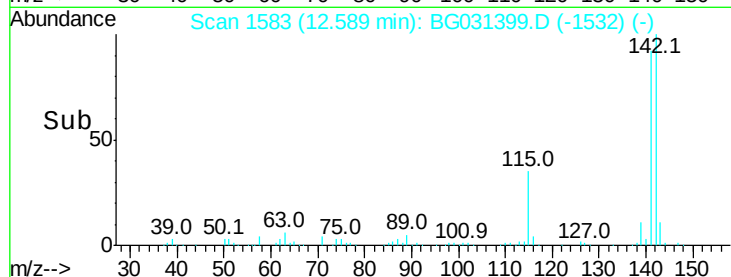
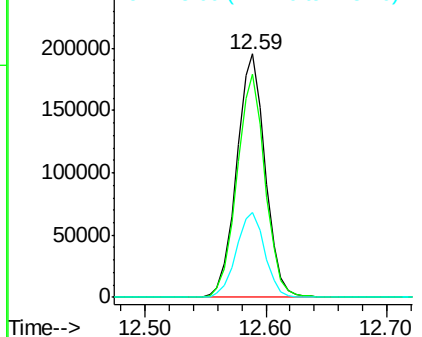


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.75 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

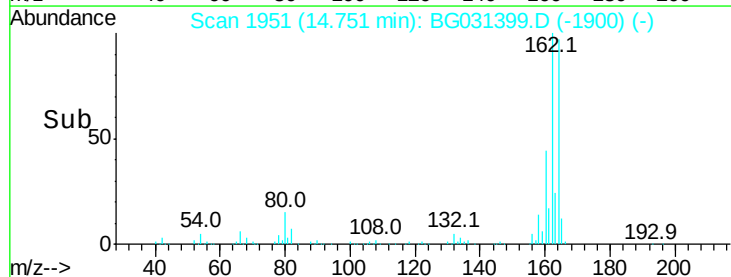
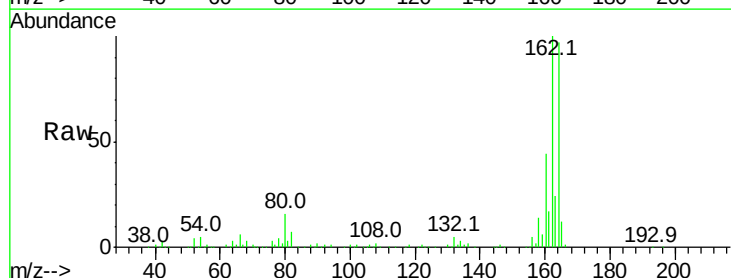
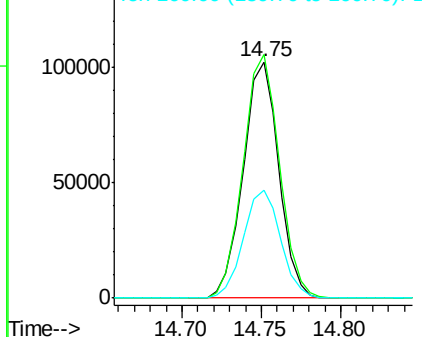
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.1 | 78.8  | 118.2 |
| 160     | 45.5  | 35.4  | 53.0  |

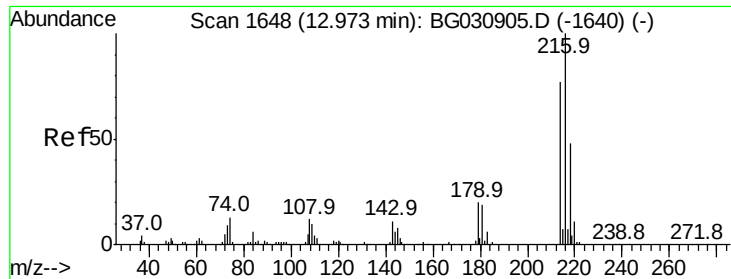
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





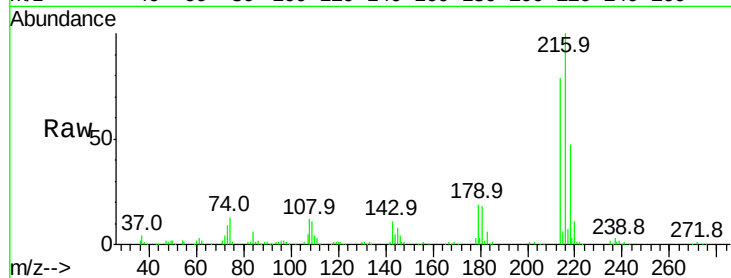
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 30.770 ng  
 RT: 12.95 min Scan# 1645  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

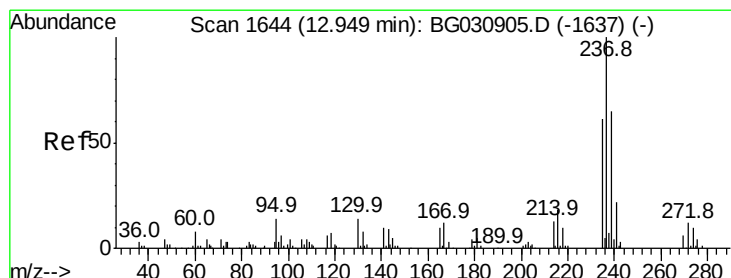
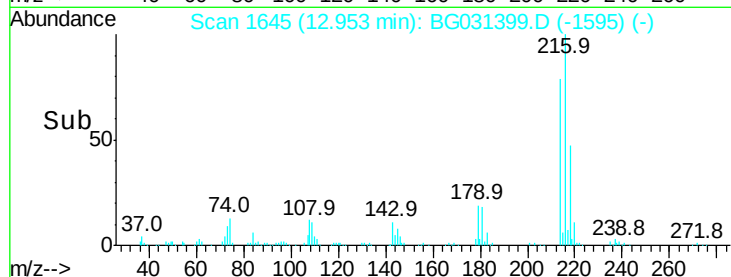
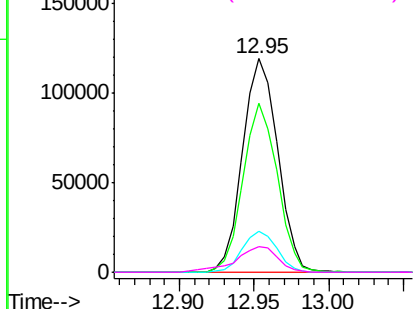
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 194033 |       |       |
| 214     | 77.4  | 63.0   | 94.4  |       |
| 179     | 19.0  | 17.0   | 25.6  |       |
| 108     | 14.5  | 12.8   | 19.2  |       |

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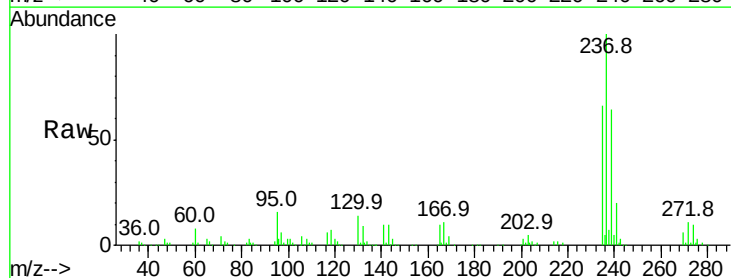


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

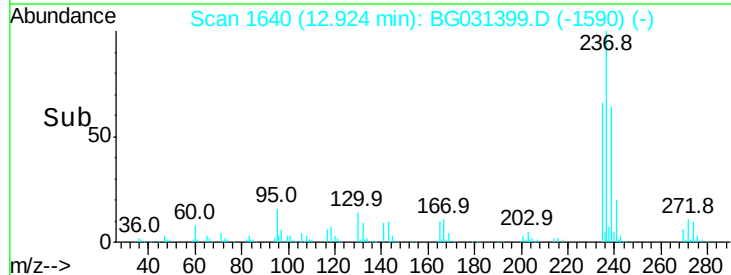
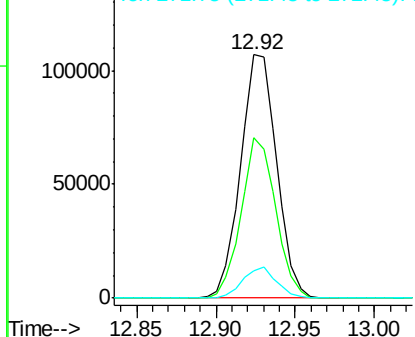


#40  
 Hexachlorocyclopentadiene  
 Concen: 73.468 ng  
 RT: 12.92 min Scan# 1640  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

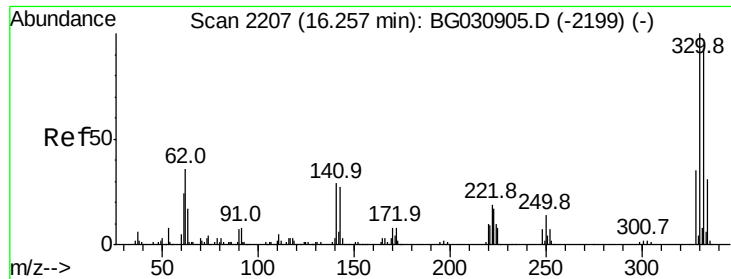
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 169001 |       |       |
| 235     | 66.1  | 50.4   | 90.4  |       |
| 272     | 11.1  | 0.0    | 31.8  |       |



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







#41

2,4,6-Tribromophenol

Concen: 91.115 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

ClientSampleId :

PB104796BS

Tot Ion:330 Resp: 234182

Ion Ratio Lower Upper

330 100

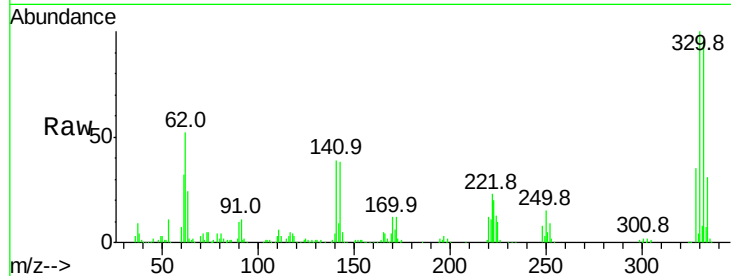
332 96.4 77.0 115.6

141 37.8 25.2 37.8#

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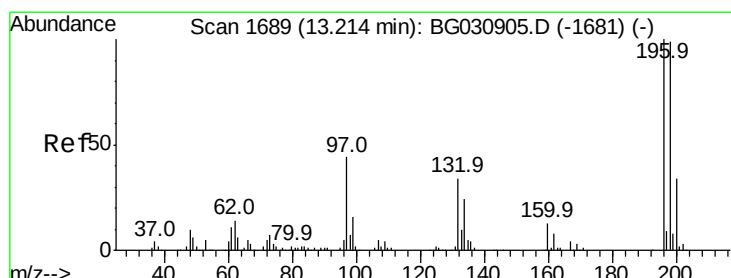
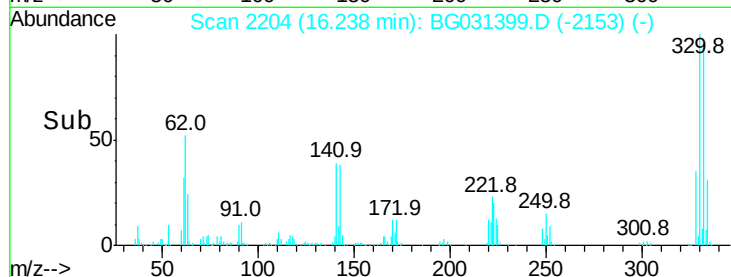
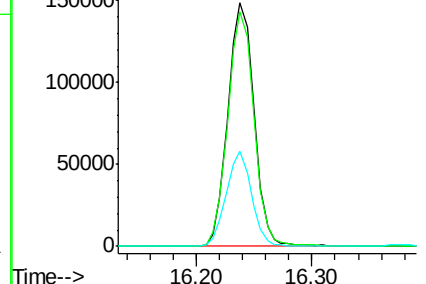
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.325 ng

RT: 13.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

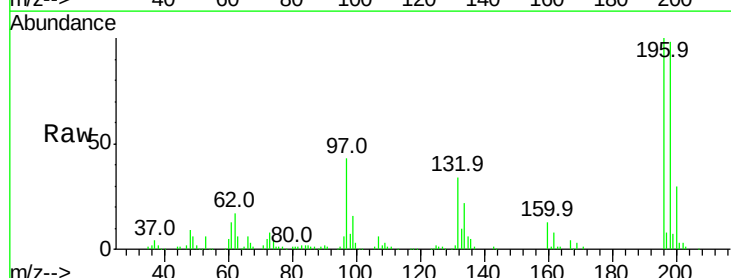
Tgt Ion:196 Resp: 138158

Ion Ratio Lower Upper

196 100

198 97.7 78.2 117.2

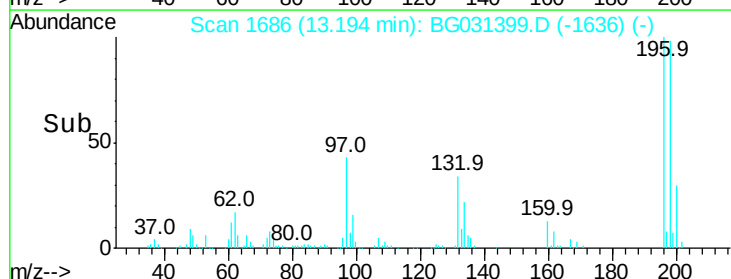
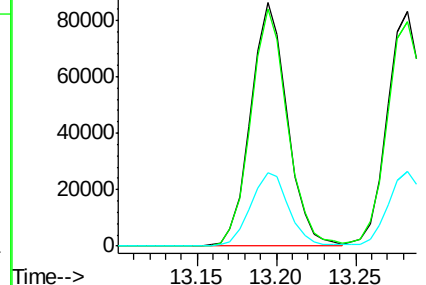
200 29.9 24.6 36.8

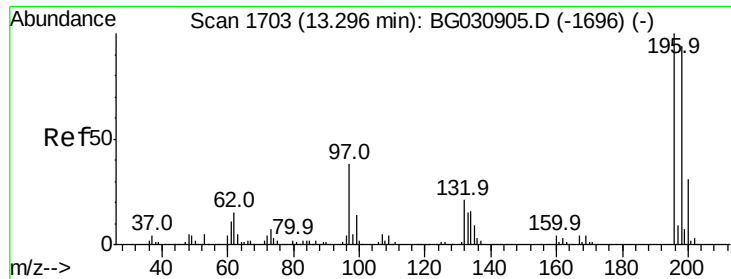


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





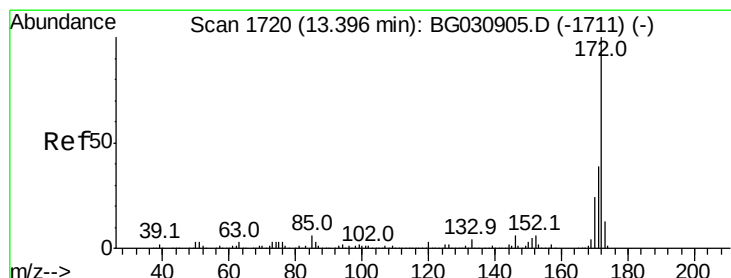
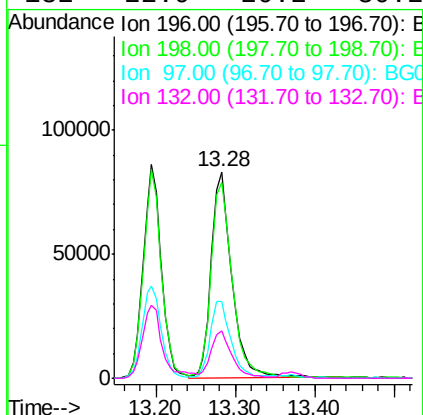
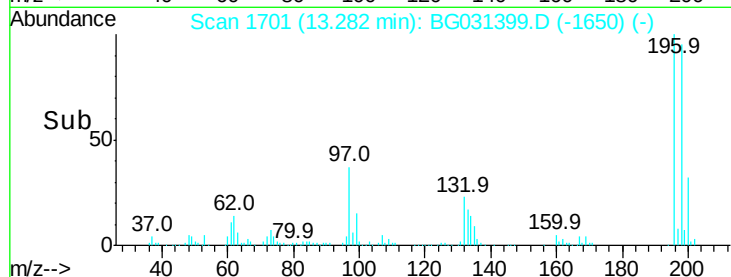
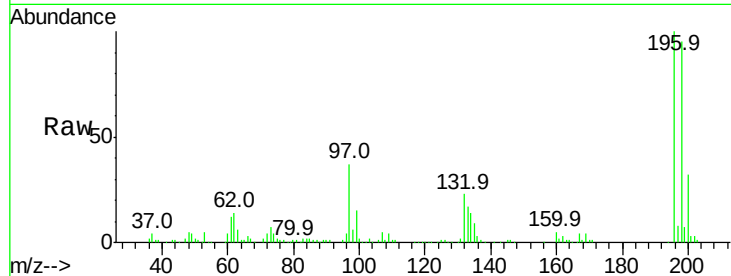
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.255 ng  
 RT: 13.28 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 150884 |       |       |
| 198     | 95.2  | 76.2   | 114.4 |       |
| 97      | 37.0  | 38.7   | 58.1  |       |
| 132     | 22.9  | 20.2   | 30.2  |       |

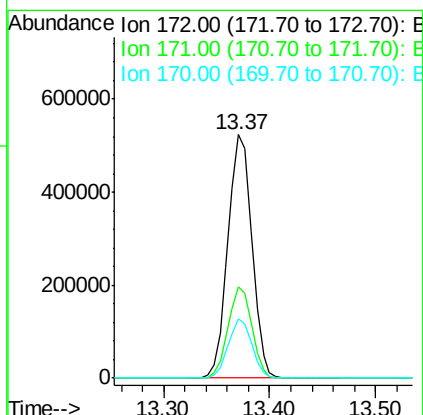
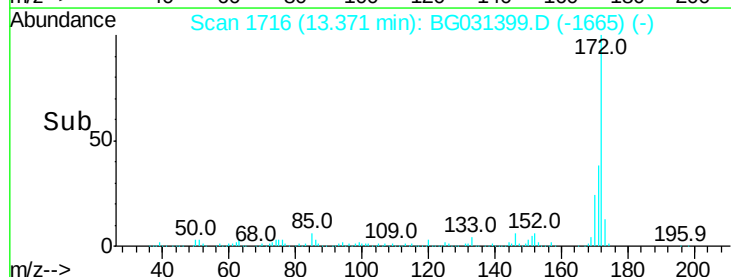
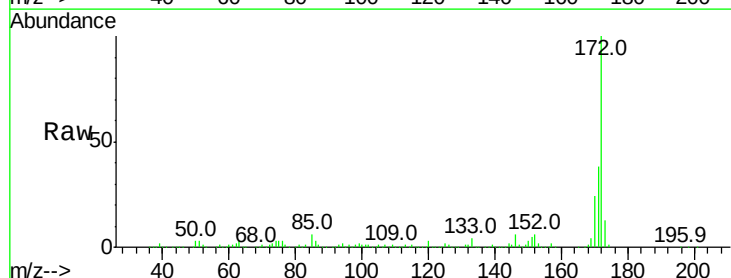
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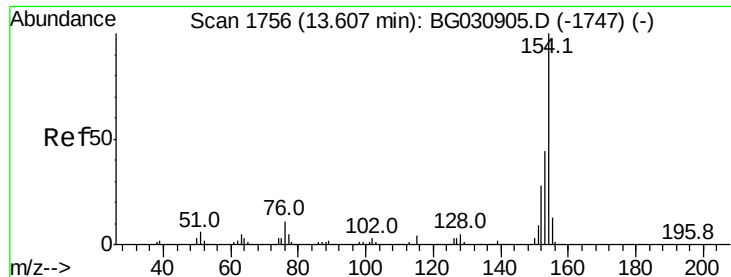
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#44  
 2-Fluorobiphenyl  
 Concen: 74.144 ng  
 RT: 13.37 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 819832 |       |       |
| 171     | 37.7  | 30.0   | 45.0  |       |
| 170     | 24.5  | 19.5   | 29.3  |       |





#45

1,1'-Biphenyl

Concen: 32.318 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

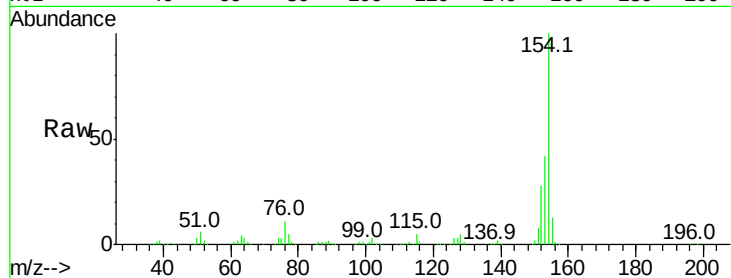
ClientSampleId :

PB104796BS

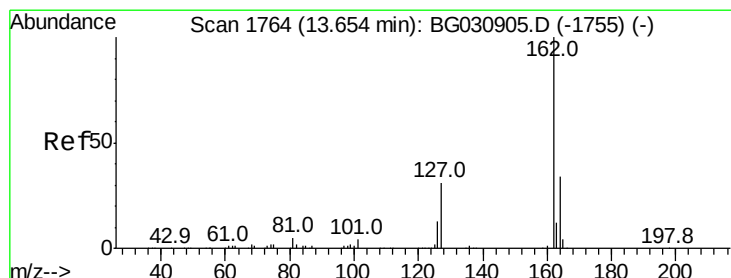
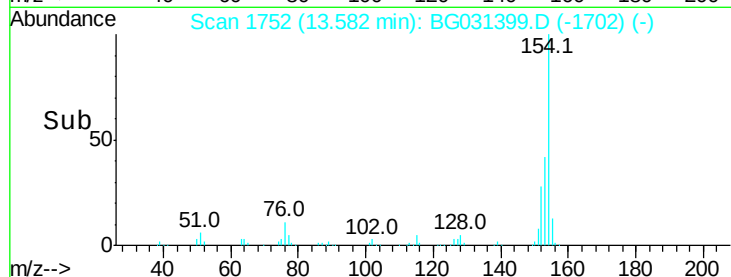
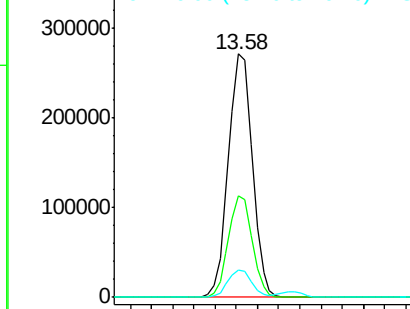
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 425791 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.9  | 19.8  | 59.8   |
| 76        | 11.3  | 0.0   | 31.9   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.964 ng

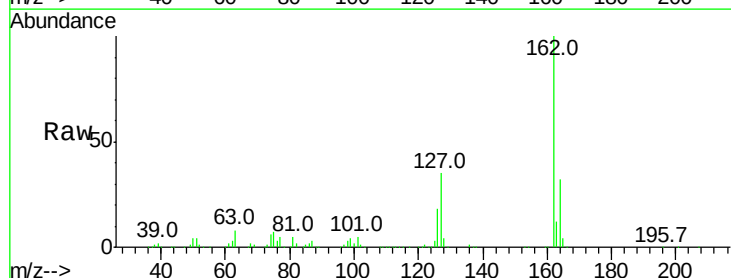
RT: 13.63 min Scan# 1761

Delta R.T. 0.00 min

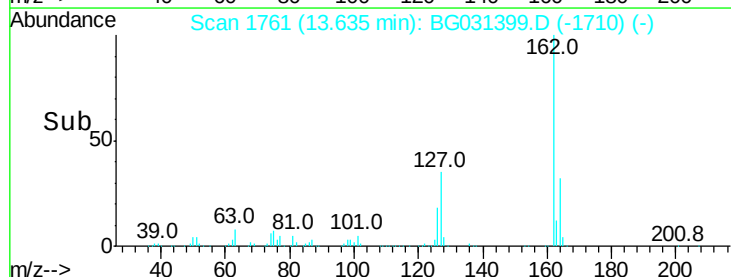
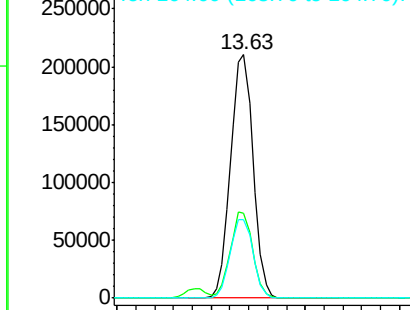
Lab File: BG031399.D

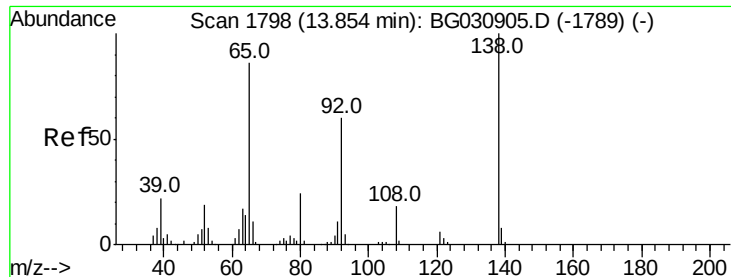
Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 351369 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 35.1  | 30.7  | 46.1   |
| 164       | 32.0  | 26.0  | 39.0   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.933 ng

RT: 13.84 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

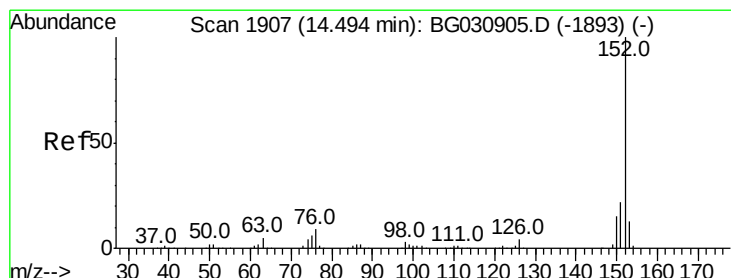
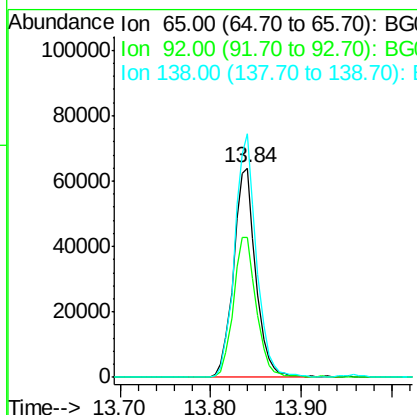
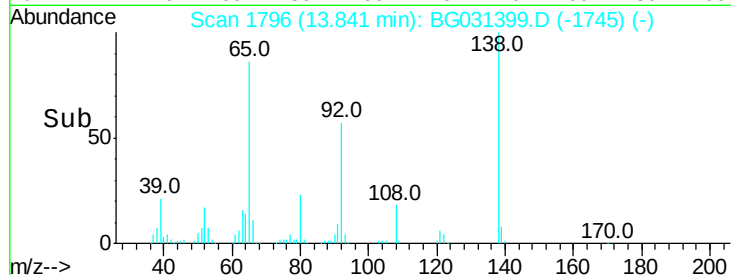
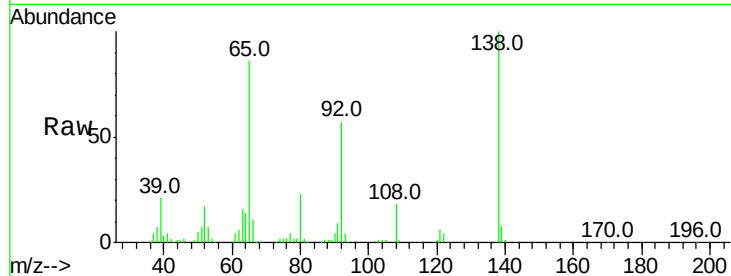
ClientSampled :

PB104796BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 66.7  | 54.6  | 82.0   |
| 138     | 116.3 | 72.9  | 109.3# |

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#48

Acenaphthylene

Concen: 35.316 ng

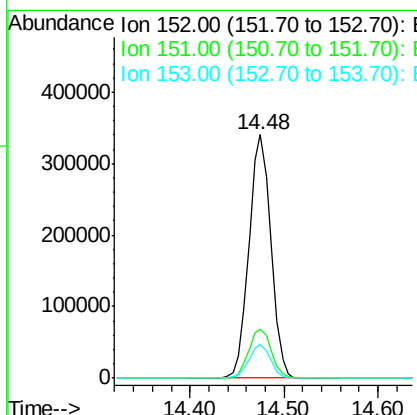
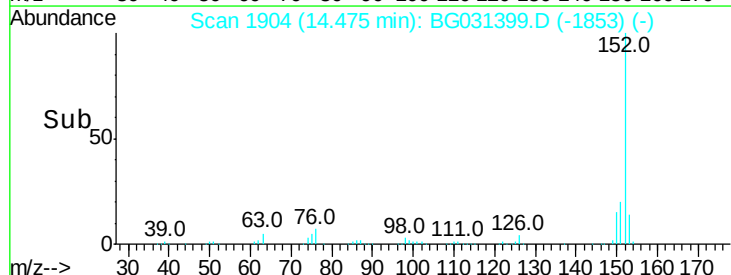
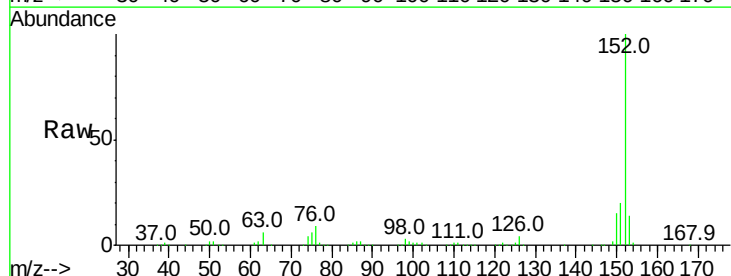
RT: 14.48 min Scan# 1904

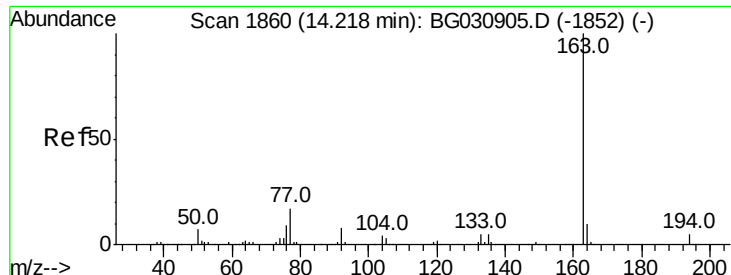
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 17.2  | 25.8  |
| 153     | 13.6  | 10.2  | 15.4  |





#49

Dimethylphthalate

Concen: 36.375 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

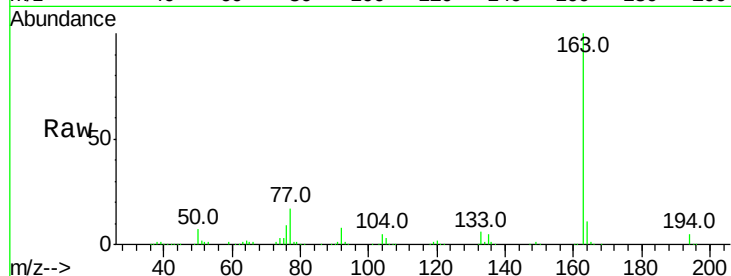
ClientSampleId :

PB104796BS

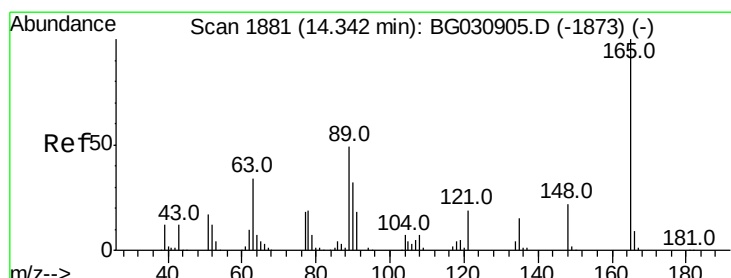
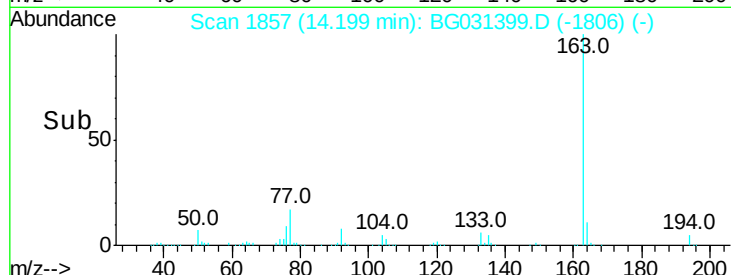
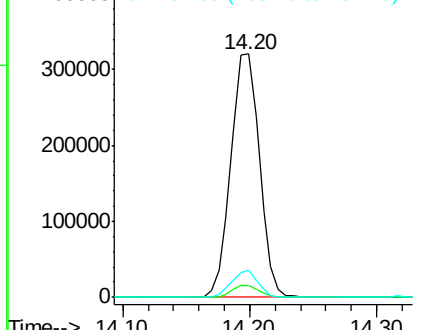
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 499702 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.1   | 3.4   | 5.2    |
| 164       | 11.3  | 8.2   | 12.4   |

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



#50

2,6-Dinitrotoluene

Concen: 40.182 ng

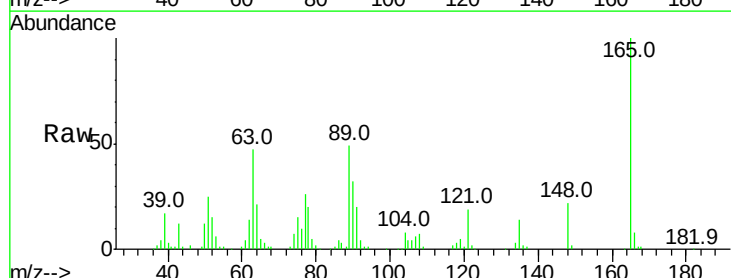
RT: 14.32 min Scan# 1878

Delta R.T. -0.00 min

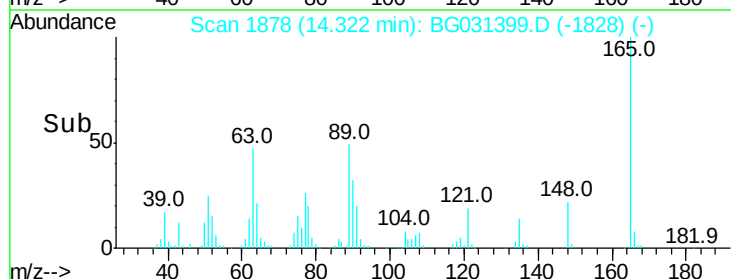
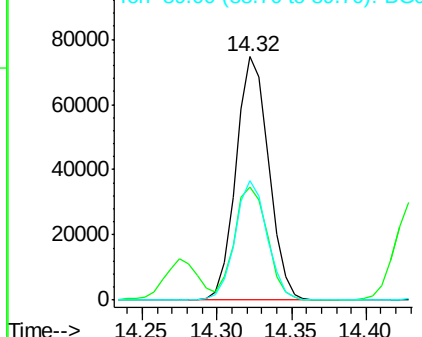
Lab File: BG031399.D

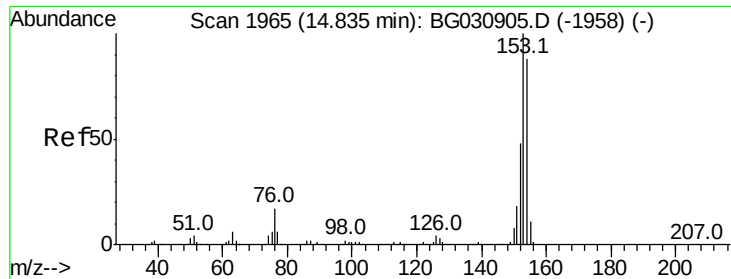
Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 113774 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 46.7  | 52.7  | 79.1#  |
| 89        | 49.2  | 49.2  | 73.8#  |



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





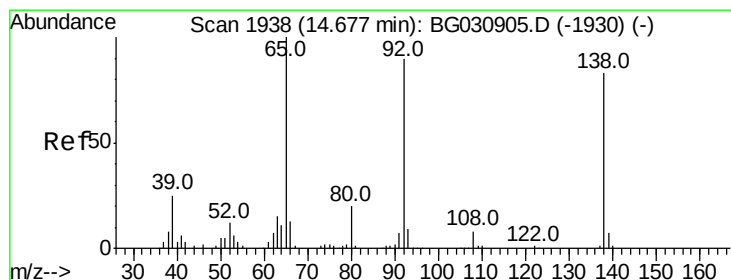
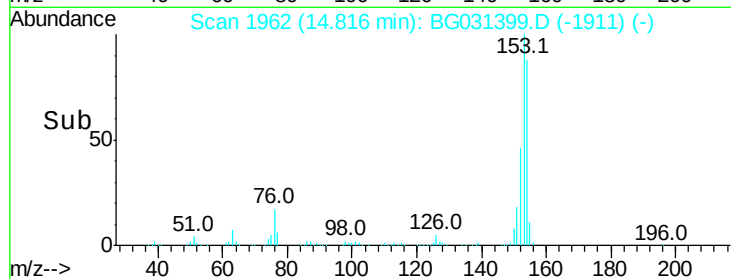
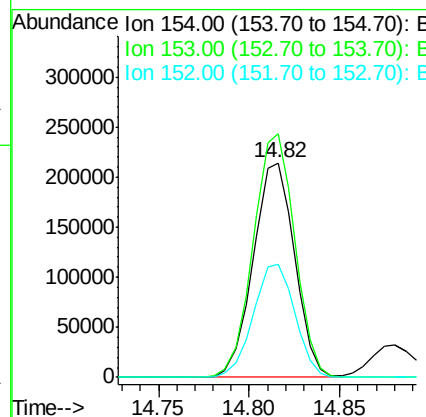
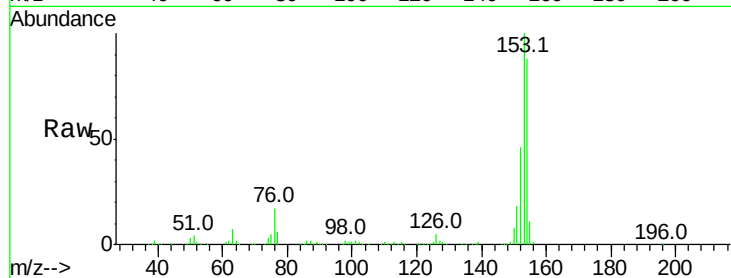
#51  
Acenaphthene  
Concen: 35.052 ng  
RT: 14.82 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 90.4  | 135.6 |
| 152     | 52.5  | 41.6  | 62.4  |

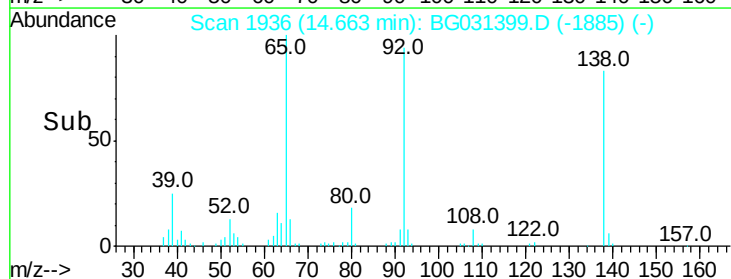
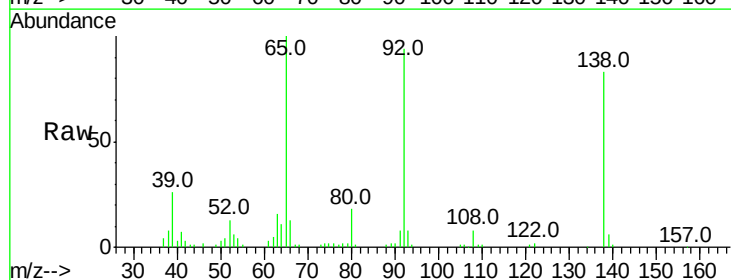
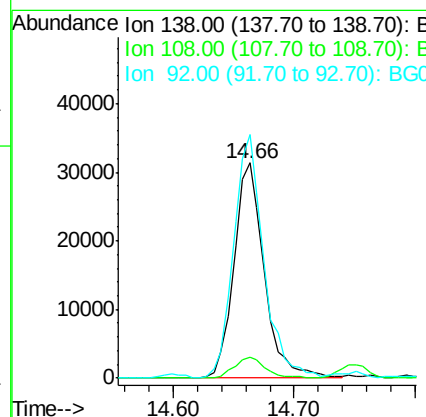
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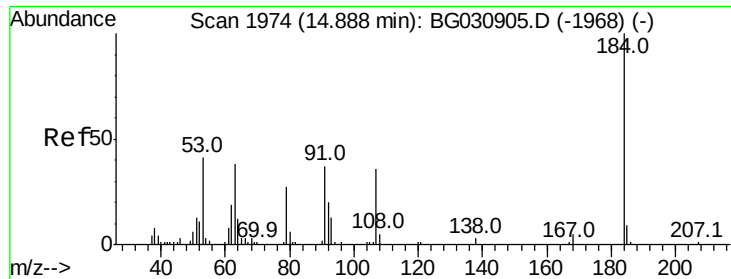
Sohil  
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#52  
3-Nitroaniline  
Concen: 18.212 ng  
RT: 14.66 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.8   | 17.5  | 26.3# |
| 92      | 113.2 | 105.8 | 158.8 |





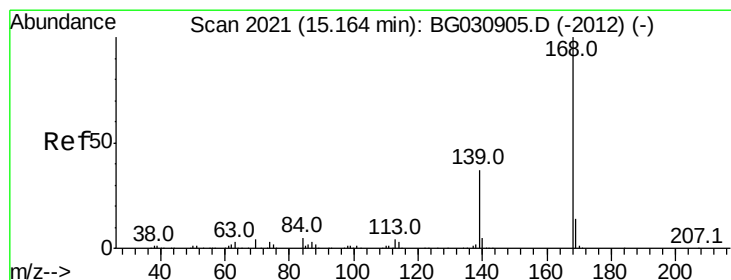
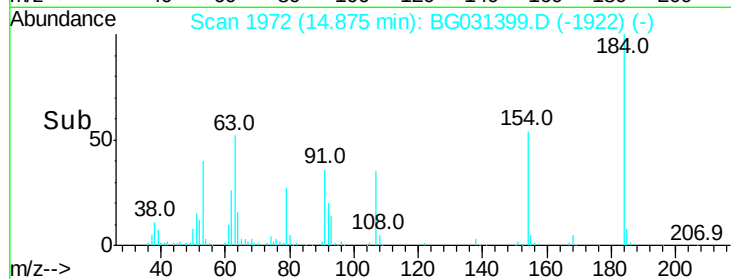
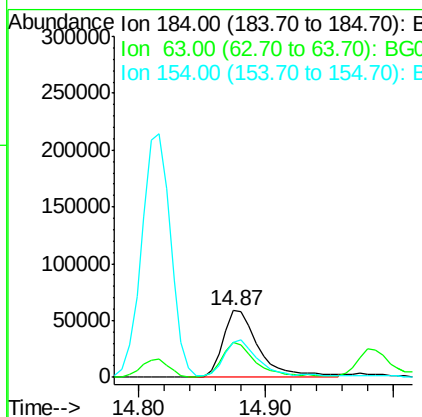
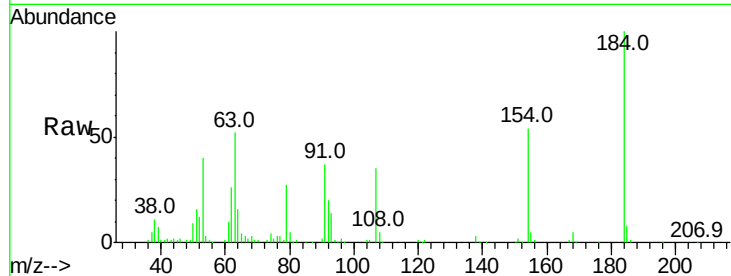
#53  
 2,4-Dinitrophenol  
 Concen: 74.985 ng  
 RT: 14.87 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 52.5  | 59.8  | 89.8#  |
| 154     | 53.6  | 101.8 | 152.8# |

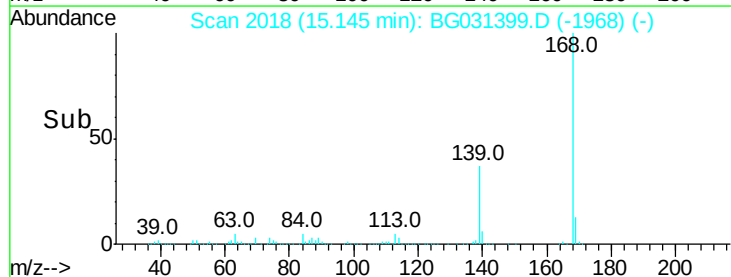
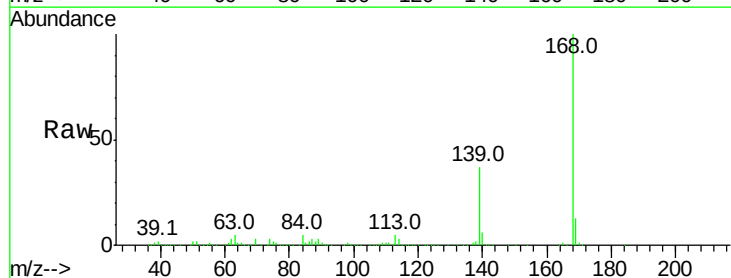
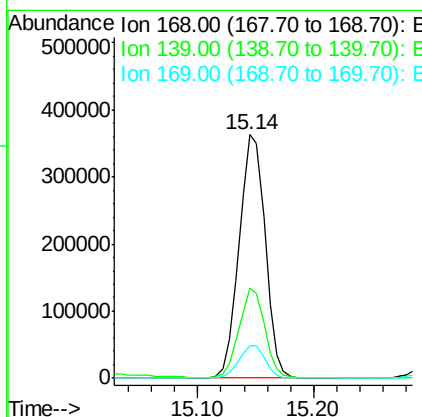
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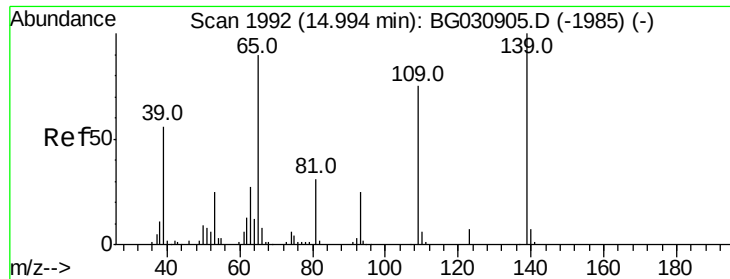
Sohil  
 12/8/2017 11:13:36 AM



#54  
 Dibenzofuran  
 Concen: 36.698 ng  
 RT: 15.14 min Scan# 2018  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.7  | 28.6  | 43.0  |
| 169     | 13.4  | 11.2  | 16.8  |





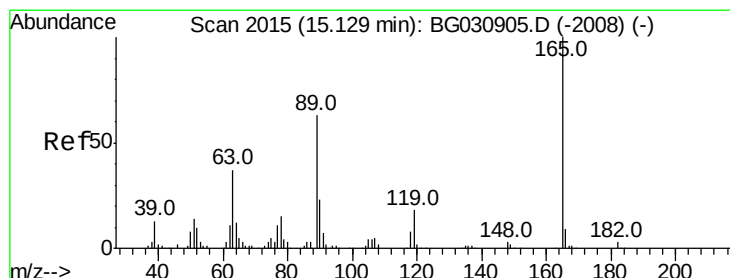
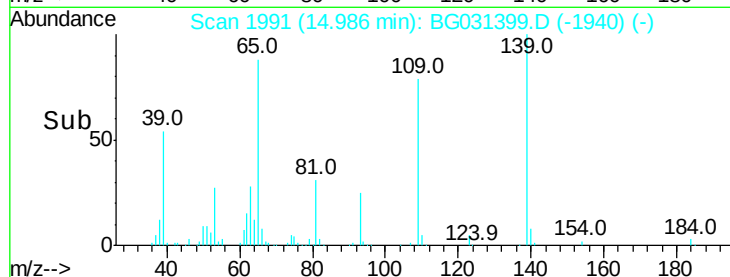
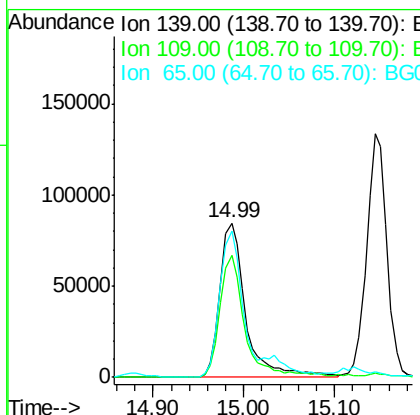
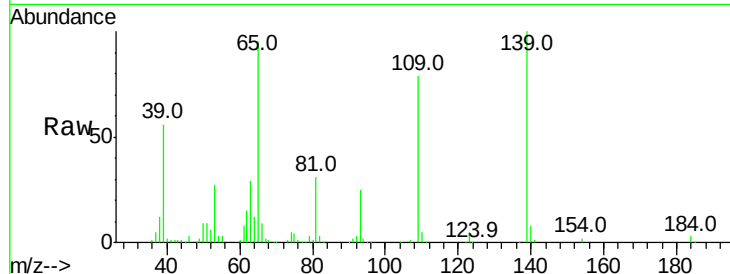
#55  
4-Nitrophenol  
Concen: 78.392 ng  
RT: 14.99 min Scan# 1991  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 167891 |        |       |
| 109     | 78.8  | 62.2   | 102.2  |       |
| 65      | 94.5  | 97.2   | 137.2# |       |

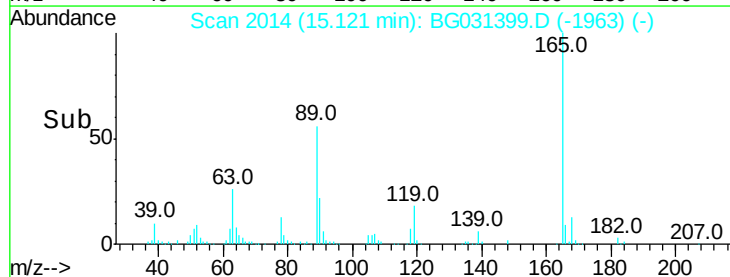
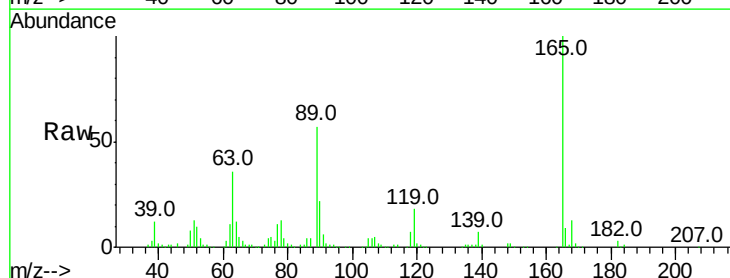
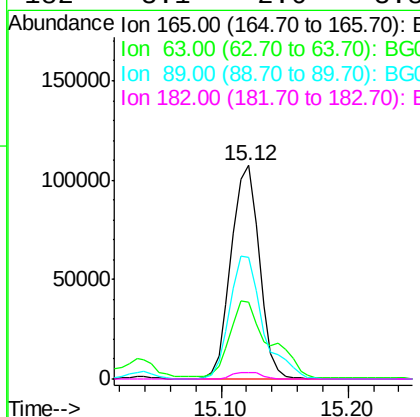
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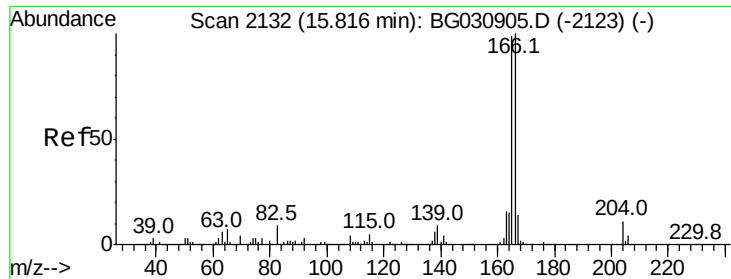


#56  
2,4-Dinitrotoluene  
Concen: 40.458 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 165     | 100   | 165614 |        |       |
| 63      | 36.0  | 42.0   | 63.0#  |       |
| 89      | 57.2  | 66.9   | 100.3# |       |
| 182     | 3.1   | 2.6    | 3.8    |       |







#57

Fluorene

Concen: 36.592 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

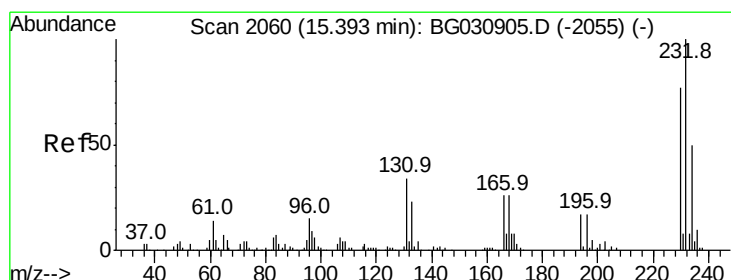
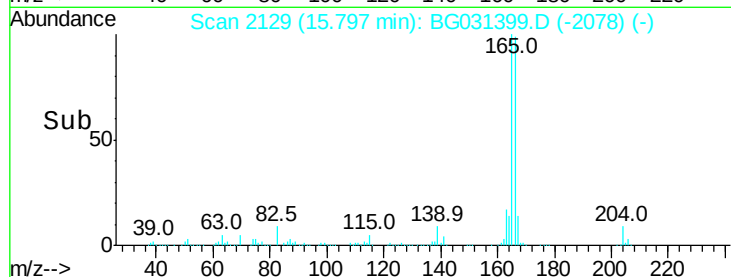
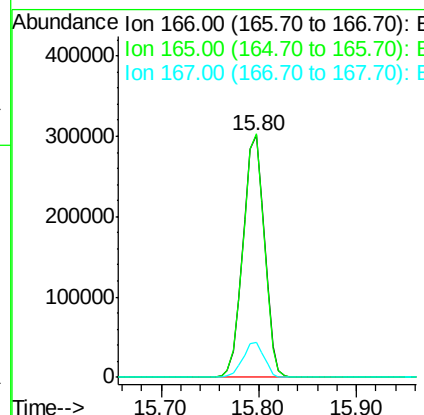
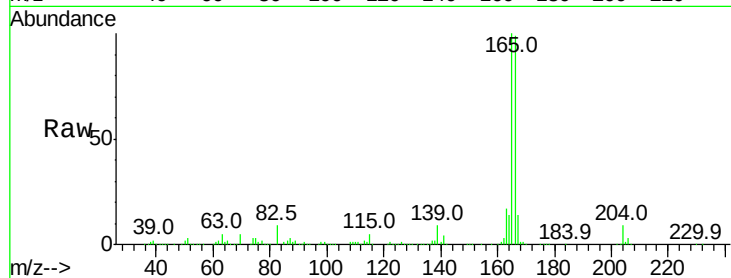
ClientSampleId :

PB104796BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 459787 |       |       |
| 165     | 100.7 | 80.6   | 121.0 |       |
| 167     | 14.5  | 10.4   | 15.6  |       |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.621 ng

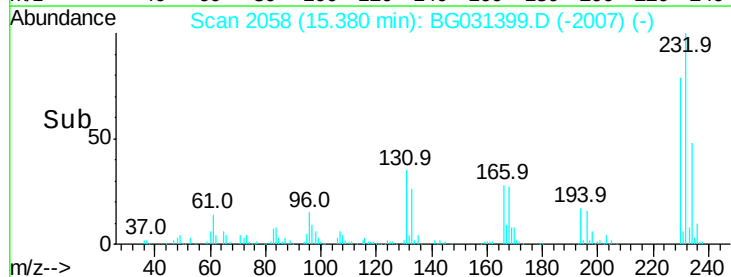
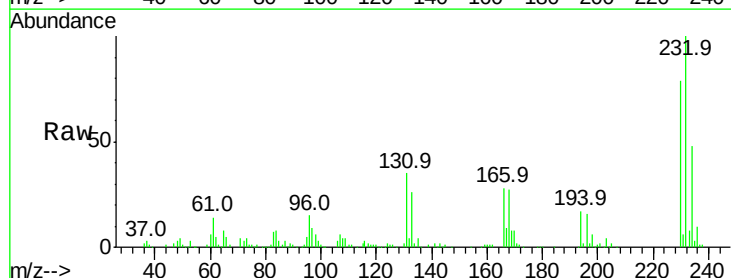
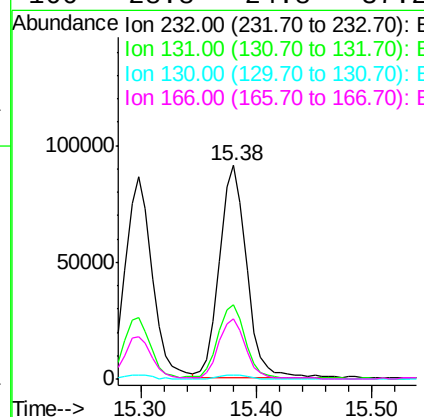
RT: 15.38 min Scan# 2058

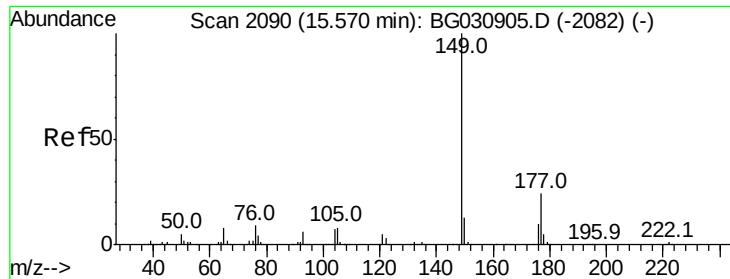
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 148941 |       |       |
| 131     | 35.0  | 33.5   | 50.3  |       |
| 130     | 2.0   | 2.2    | 3.2   |       |
| 166     | 28.8  | 24.8   | 37.2  |       |





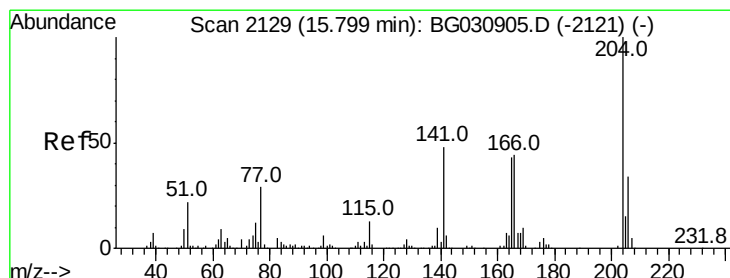
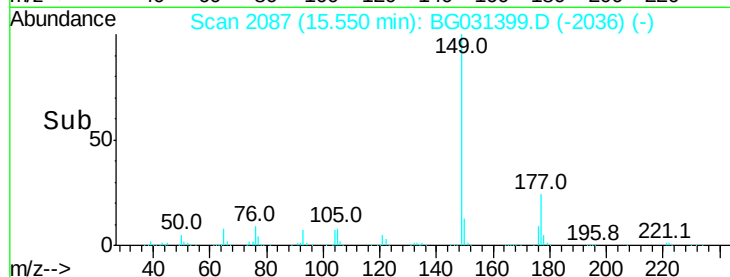
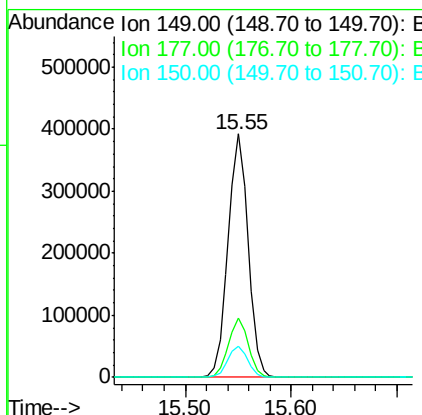
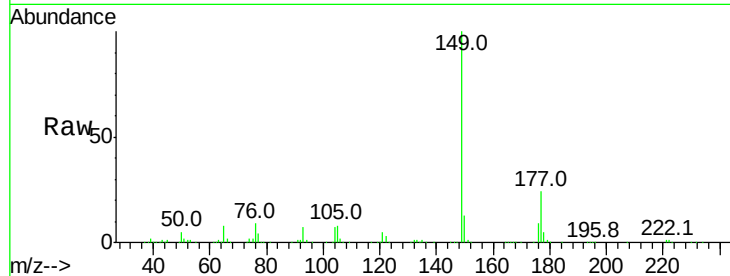
#59  
Diethylphthalate  
Concen: 36.754 ng  
RT: 15.55 min Scan# 2087  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 512868 |       |       |
| 177     | 24.1  | 18.5   | 27.7  |       |
| 150     | 12.9  | 10.2   | 15.2  |       |

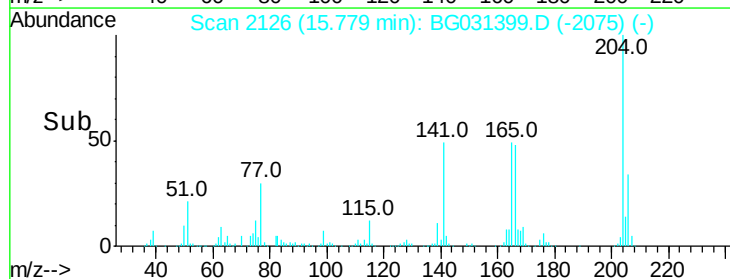
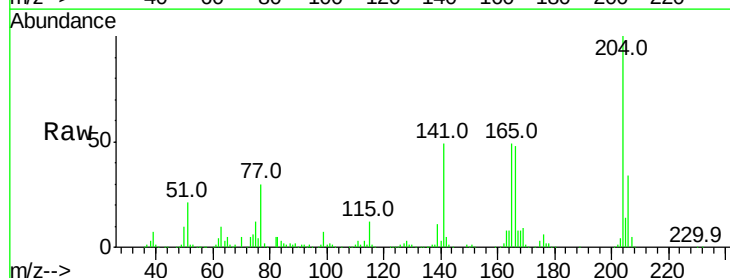
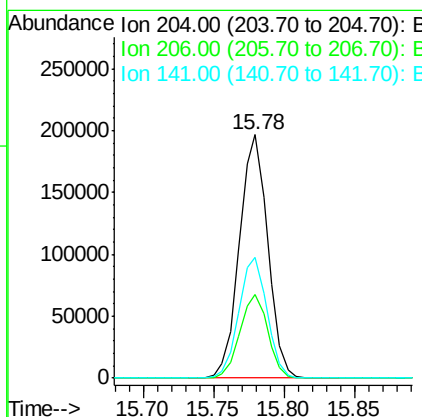
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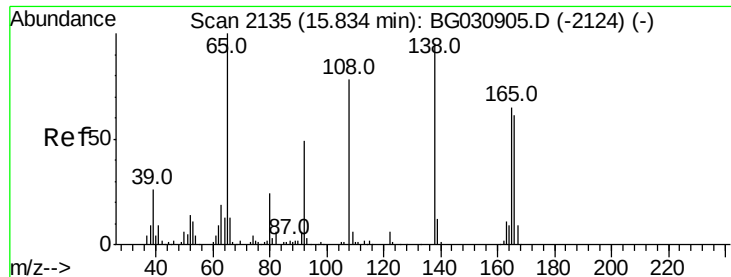
Sohil  
12/8/2017 11:13:36 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 36.268 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 275226 |       |       |
| 206     | 34.3  | 26.2   | 39.2  |       |
| 141     | 49.3  | 45.8   | 68.6  |       |





#61

4-Nitroaniline

Concen: 38.048 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

ClientSampleId :

PB104796BS

Tot Ion:138 Resp: 121130

Ion Ratio Lower Upper

138 100

92 46.4 40.1 80.1

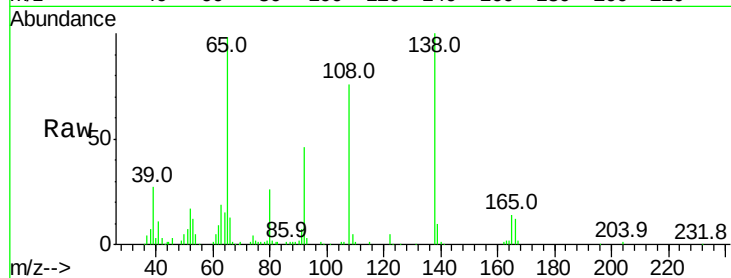
108 76.0 65.4 105.4

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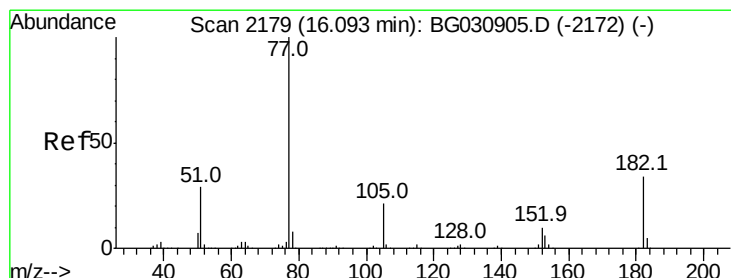
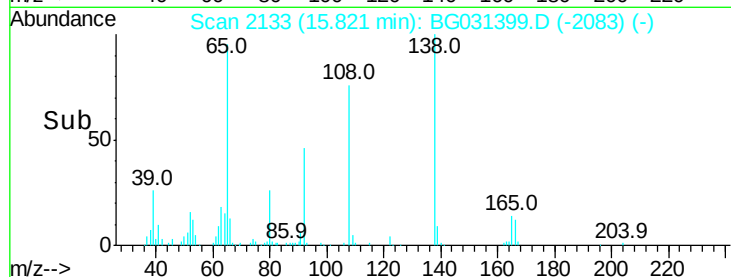
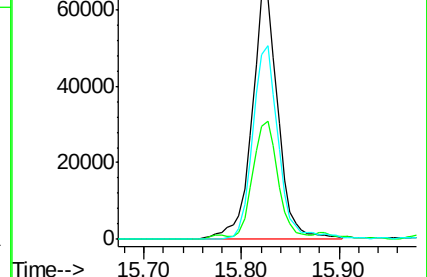
12/8/2017 11:13:36 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.892 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Tgt Ion: 77 Resp: 413897

Ion Ratio Lower Upper

77 100

182 33.4 7.4 47.4

105 21.3 0.3 40.3

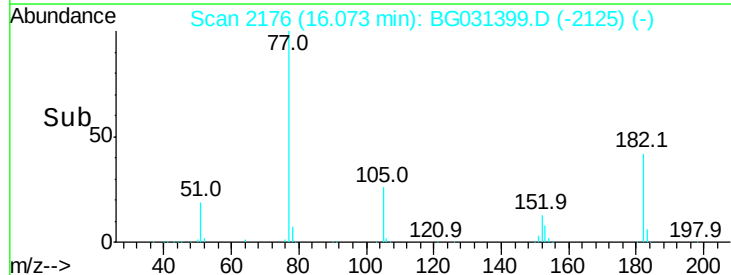
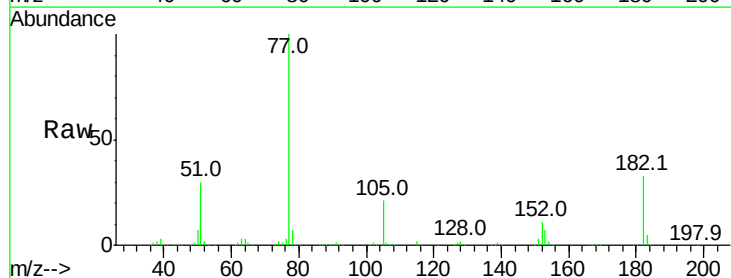
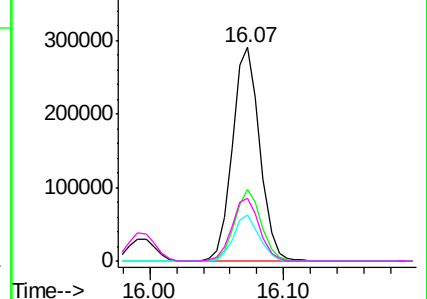
51 29.6 11.6 51.6

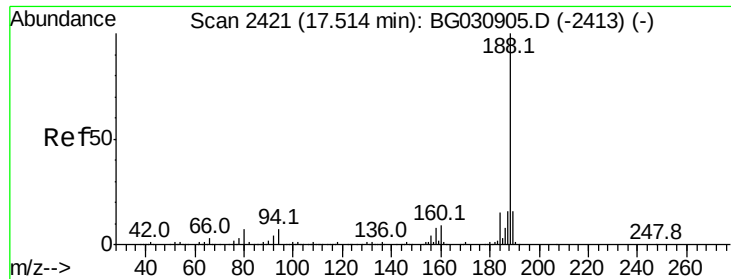
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





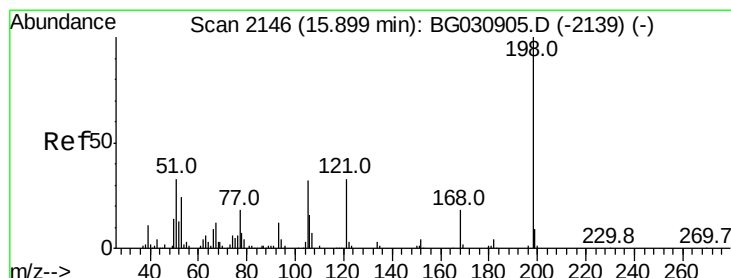
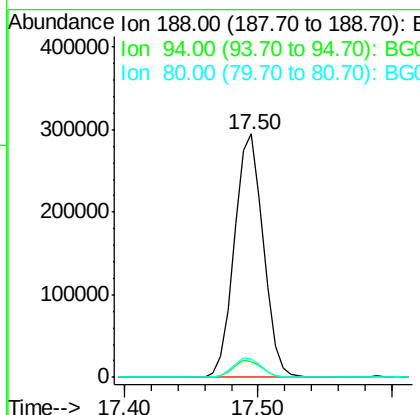
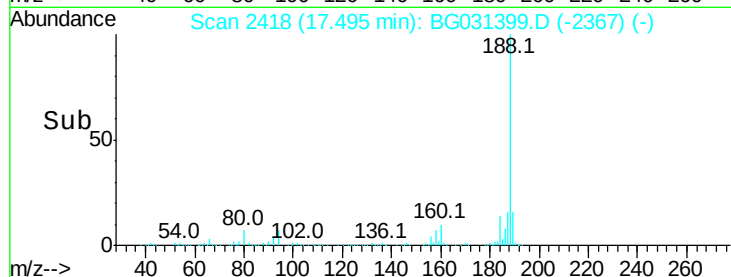
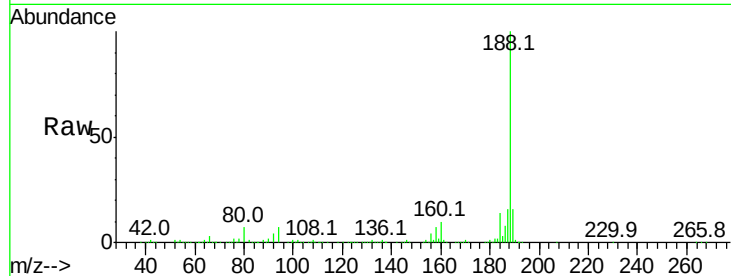
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.50 min Scan# 2418  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB104796BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 6.7   | 6.9  | 10.3# |       |
| 80      | 7.5   | 7.7  | 11.5# |       |

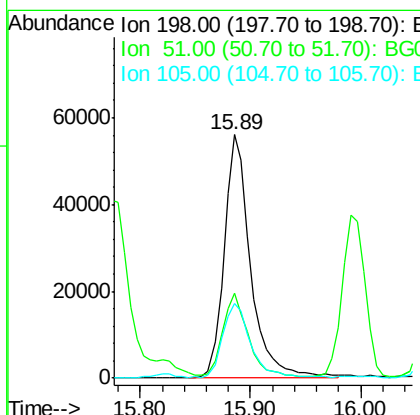
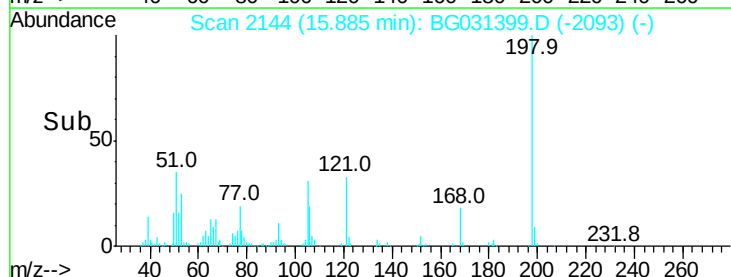
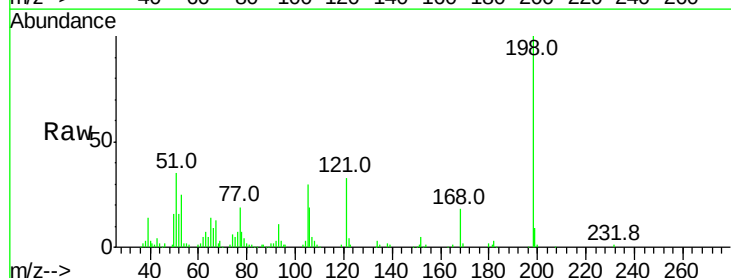
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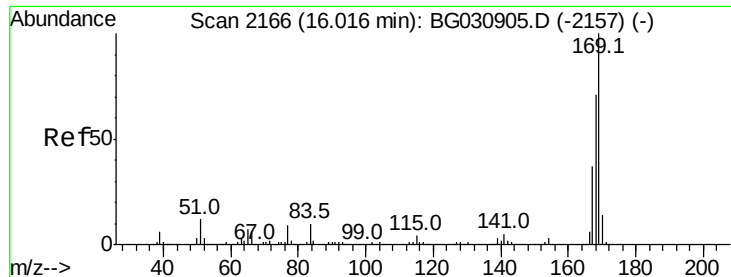
Sohil  
12/8/2017 11:13:36 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 31.817 ng  
RT: 15.89 min Scan# 2144  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 34.9  | 30.6 | 70.6  |       |
| 105     | 30.5  | 23.8 | 63.8  |       |





#65

n-Nitrosodiphenylamine

Concen: 32.713 ng

RT: 16.00 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

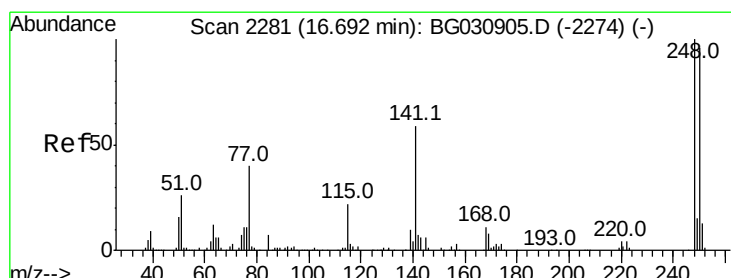
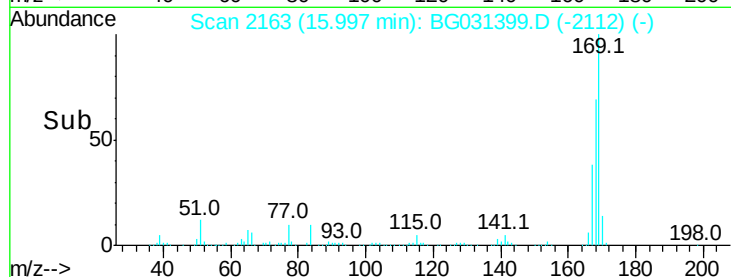
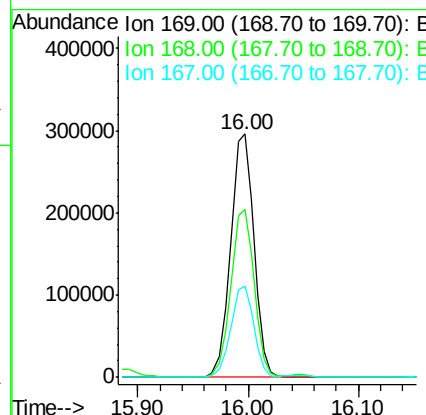
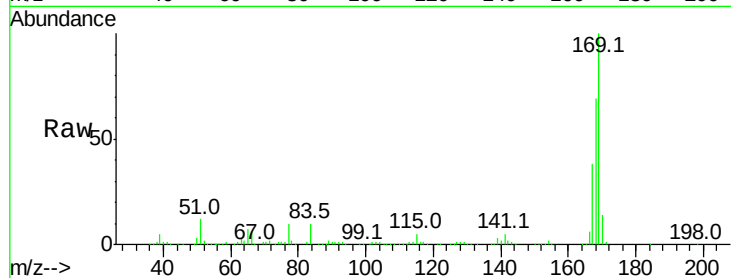
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 438764 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.3  | 55.7  | 83.5   |
| 167       | 37.6  | 30.1  | 45.1   |

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12/8/2017 11:13:36 AM



#66

4-Bromophenyl-phenylether

Concen: 33.216 ng

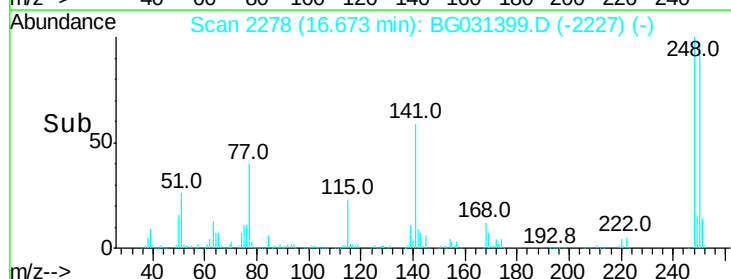
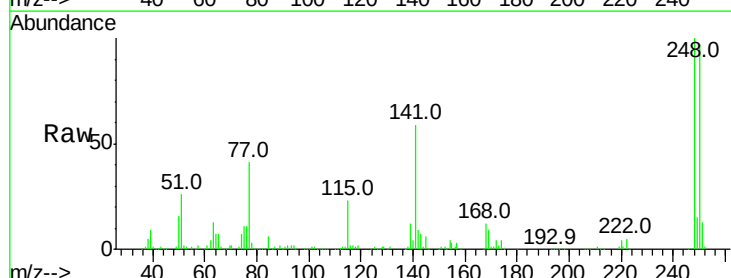
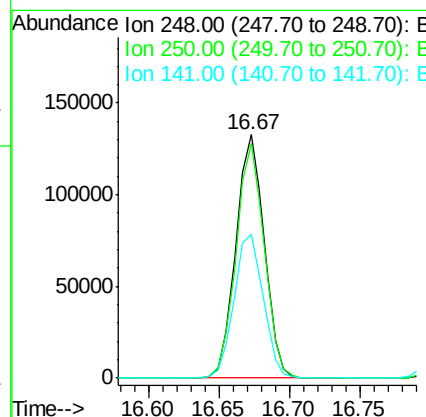
RT: 16.67 min Scan# 2278

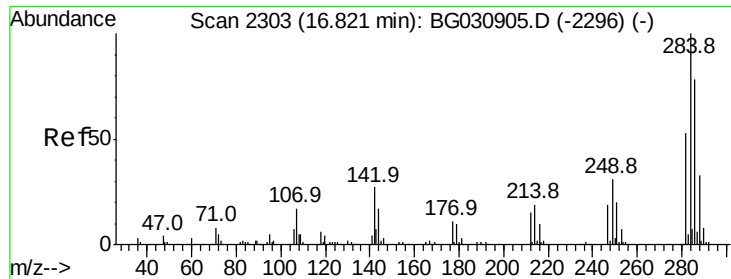
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 186207 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.5  | 77.1  | 115.7  |
| 141       | 59.3  | 50.8  | 76.2   |





#67

Hexachlorobenzene

Concen: 30.692 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

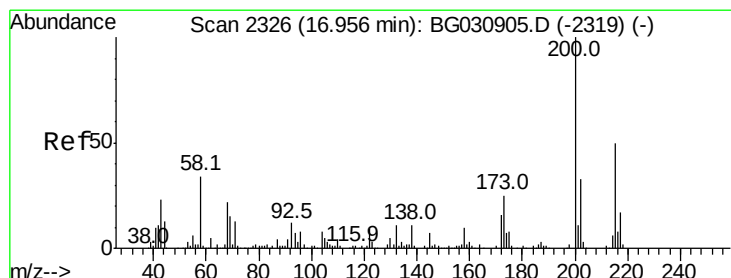
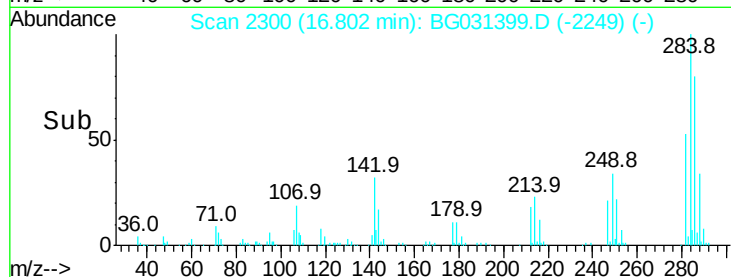
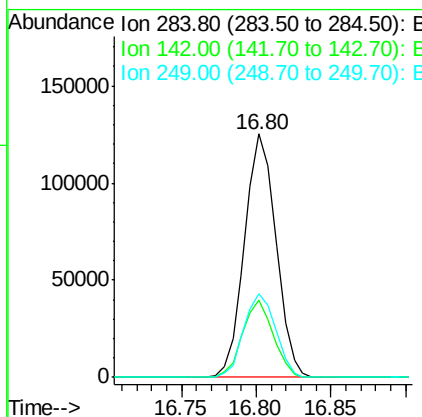
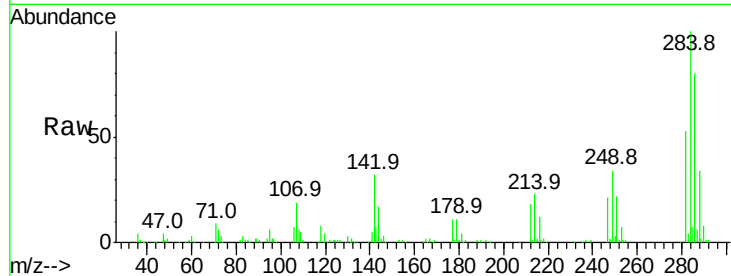
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 182819 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 31.8  | 26.8  | 40.2   |
| 249       | 34.2  | 26.3  | 39.5   |

Manual Integrations  
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12/8/2017 11:13:36 AM



#68

Atrazine

Concen: 35.703 ng

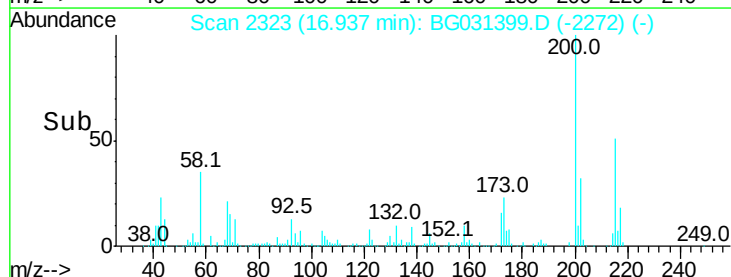
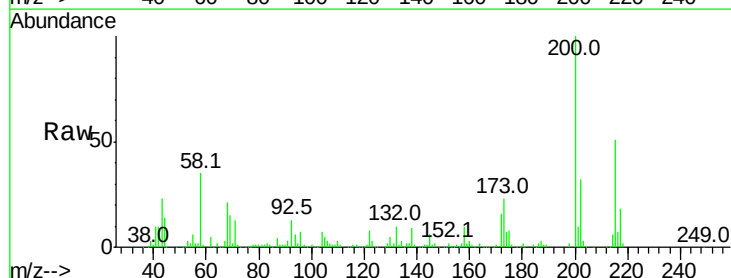
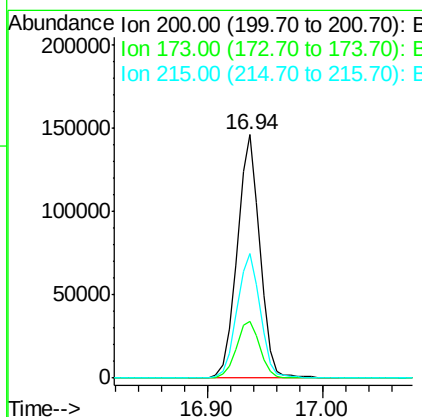
RT: 16.94 min Scan# 2323

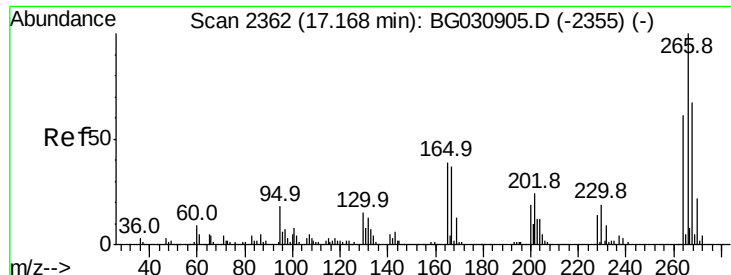
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 197578 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 23.1  | 5.2   | 45.2   |
| 215       | 51.0  | 30.4  | 70.4   |





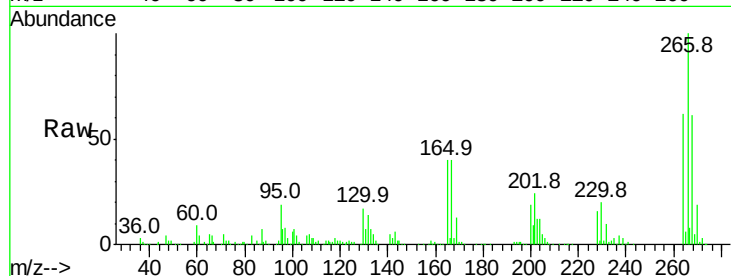
#69  
 Pentachlorophenol  
 Concen: 56.602 ng  
 RT: 17.15 min Scan# 2359  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

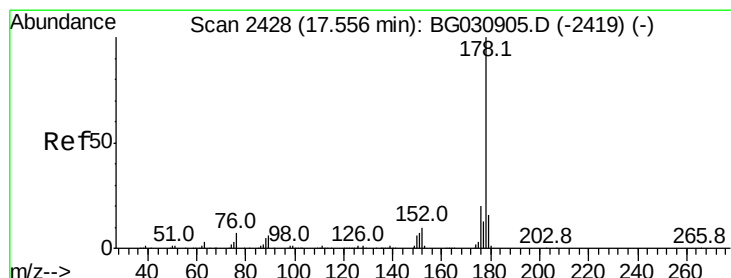
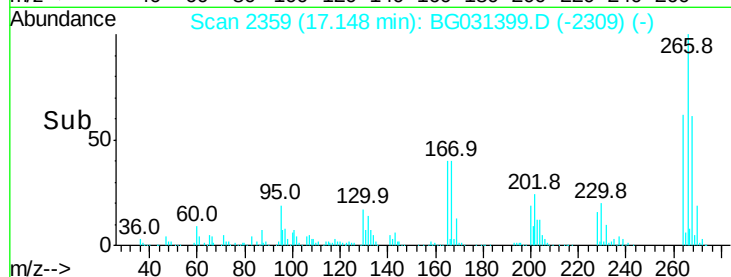
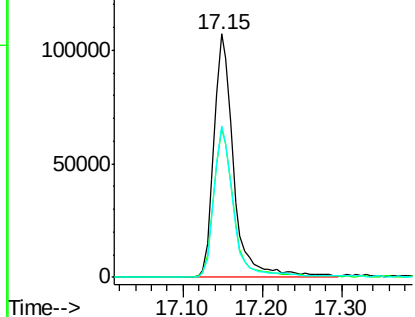
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 186373 |       |       |
| 268     | 61.0  |        | 51.1  | 76.7  |
| 264     | 62.4  |        | 49.6  | 74.4  |

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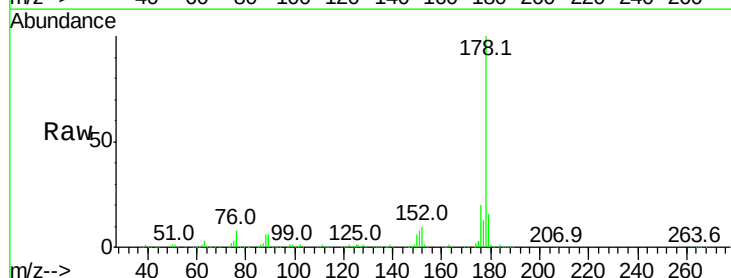


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

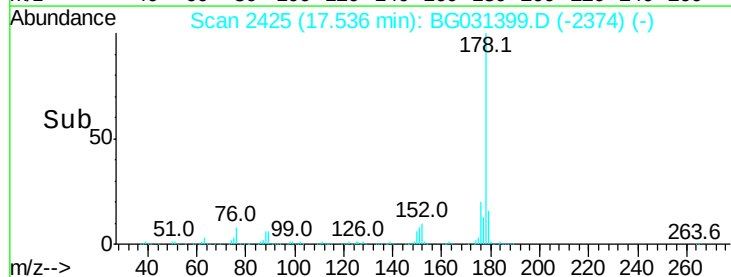
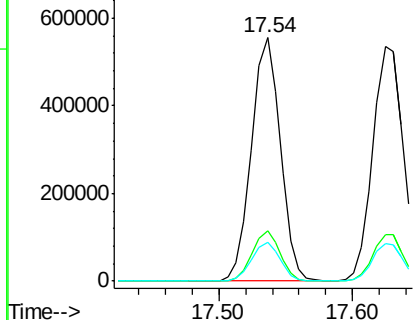


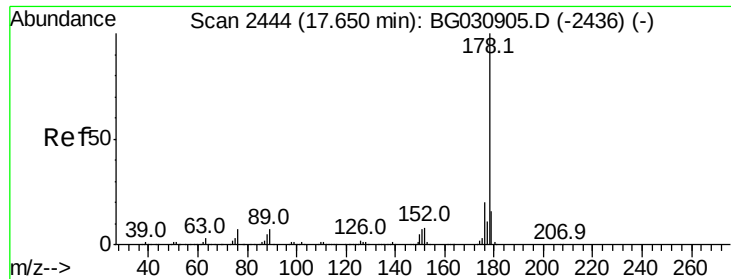
#70  
 Phenanthrene  
 Concen: 35.852 ng  
 RT: 17.54 min Scan# 2425  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 826248 |       |       |
| 176     | 20.5  |        | 15.7  | 23.5  |
| 179     | 15.8  |        | 12.5  | 18.7  |



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





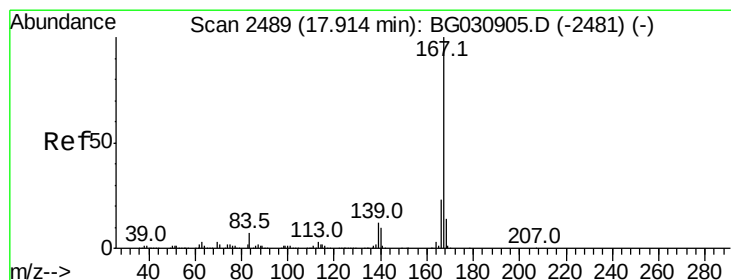
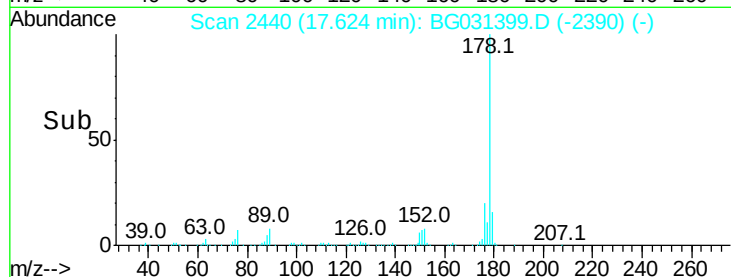
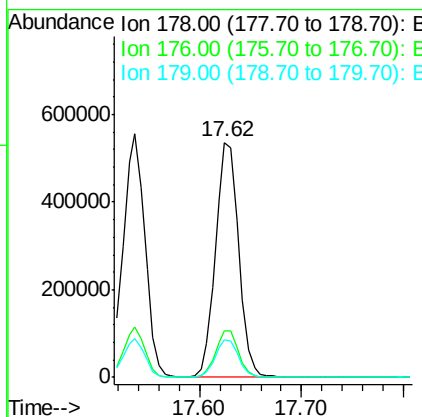
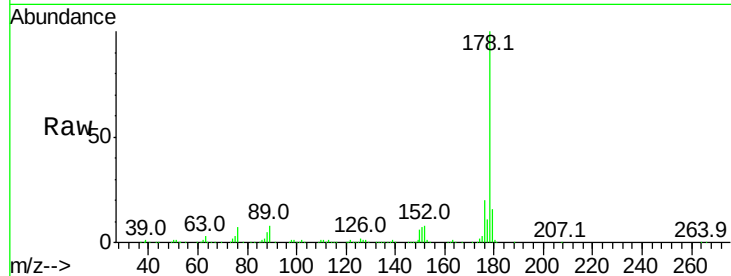
#71  
 Anthracene  
 Concen: 36.686 ng  
 RT: 17.62 min Scan# 2440  
 Delta R.T. -0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 16.0  | 24.0  |
| 179     | 15.7  | 12.5  | 18.7  |

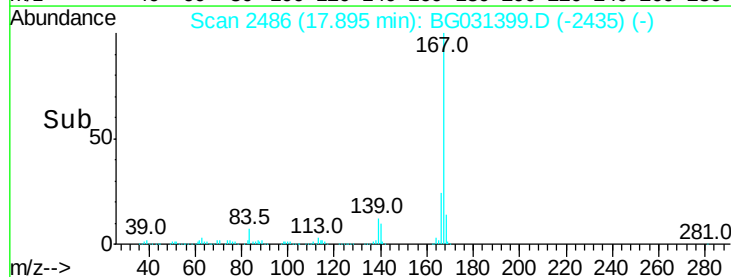
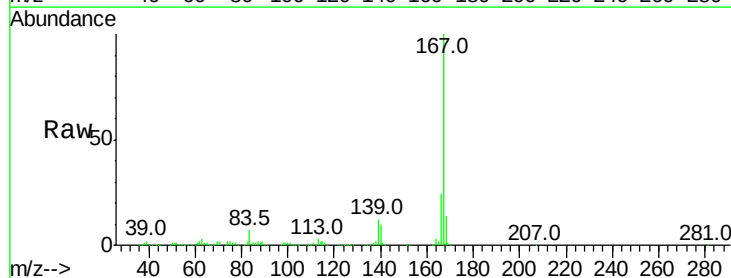
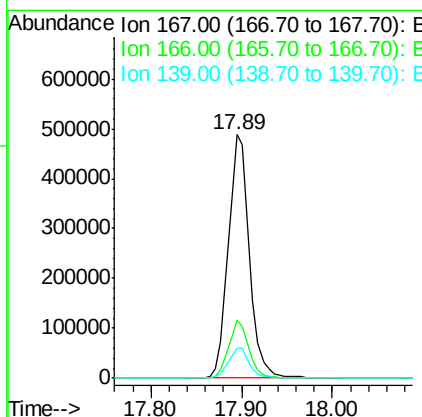
Manual Integrations  
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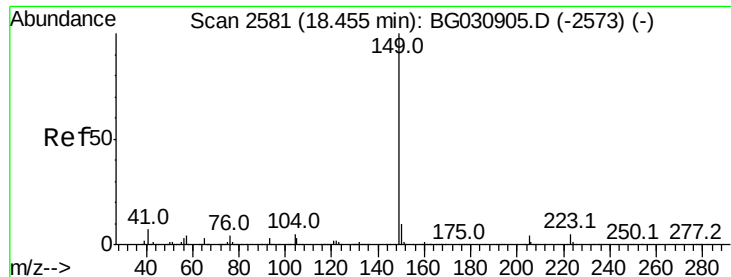


#72  
 Carbazole  
 Concen: 36.546 ng  
 RT: 17.89 min Scan# 2486  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 18.2  | 27.4  |
| 139     | 12.4  | 9.4   | 14.2  |







#73

Di-n-butylphthalate

Concen: 35.358 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

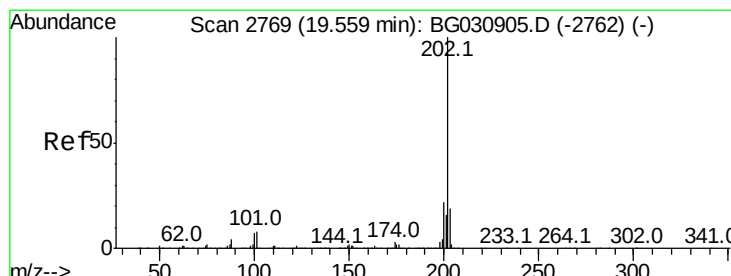
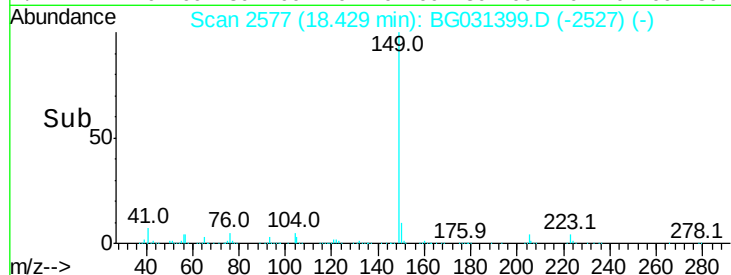
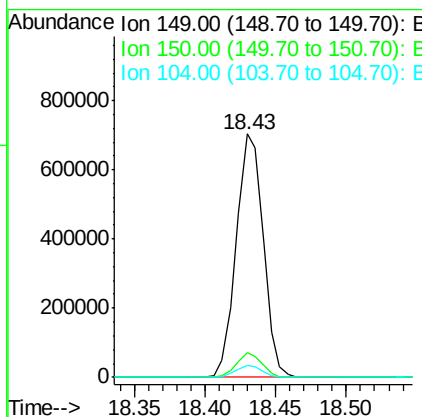
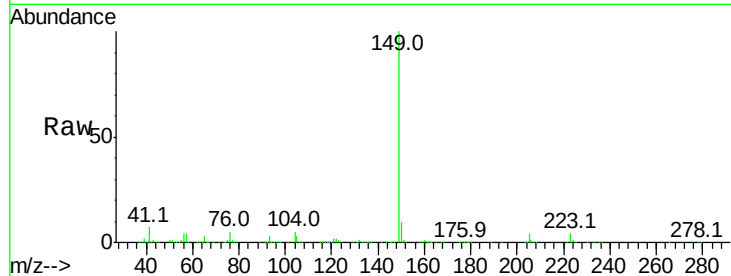
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 939352 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.1  | 7.8   | 11.6   |
| 104       | 4.8   | 3.9   | 5.9    |

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#74

Fluoranthene

Concen: 38.161 ng

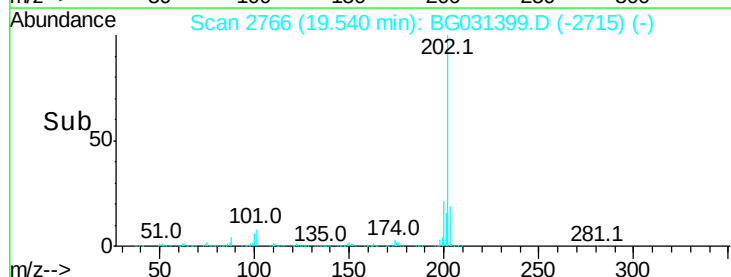
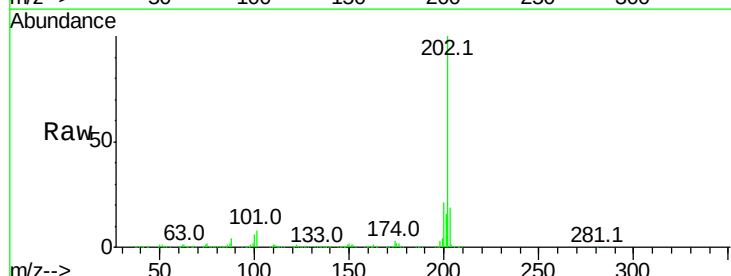
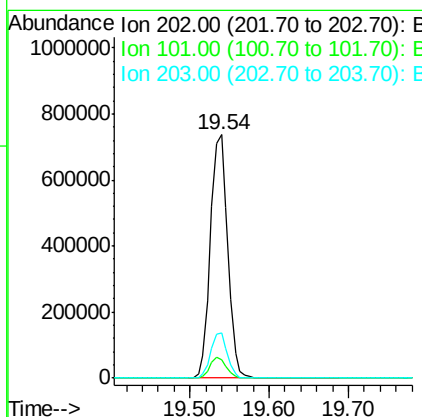
RT: 19.54 min Scan# 2766

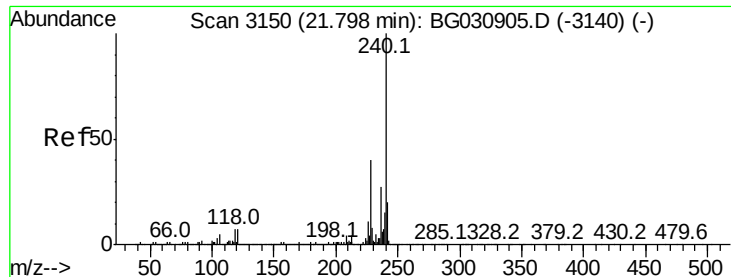
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1113524 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 7.6   | 0.0   | 28.9    |
| 203       | 18.7  | 0.0   | 37.5    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

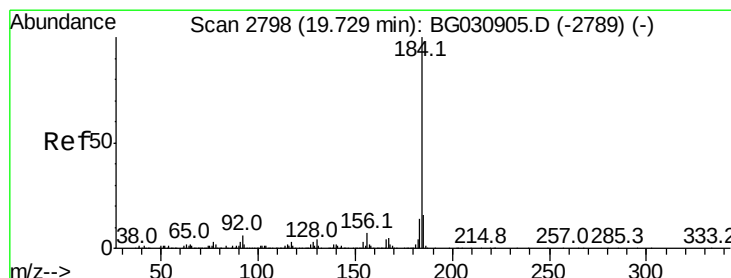
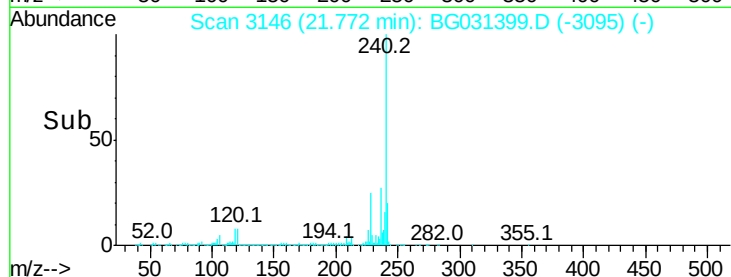
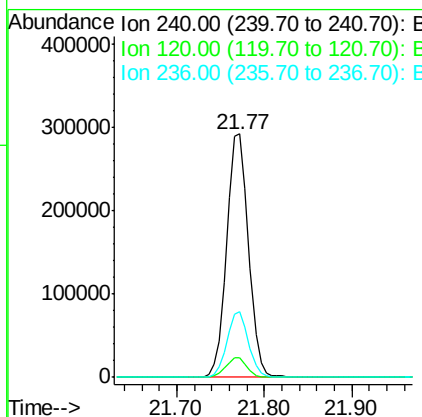
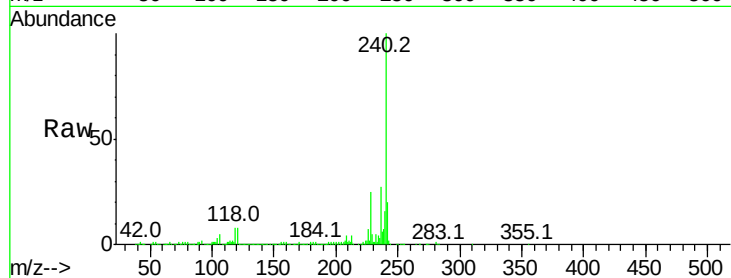
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 500369 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.0   | 6.8   | 10.2   |
| 236       | 27.2  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 24.206 ng

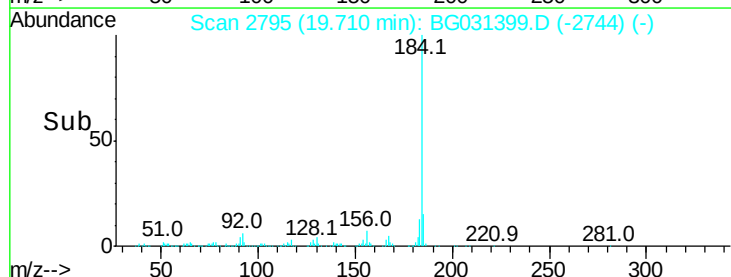
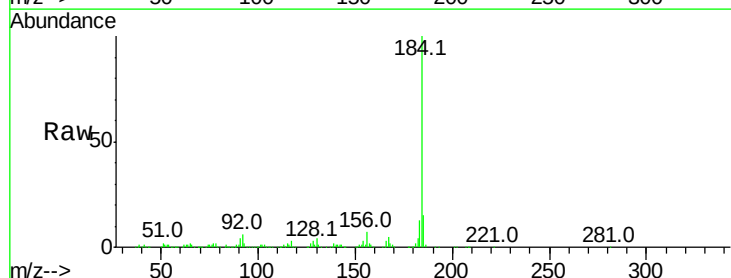
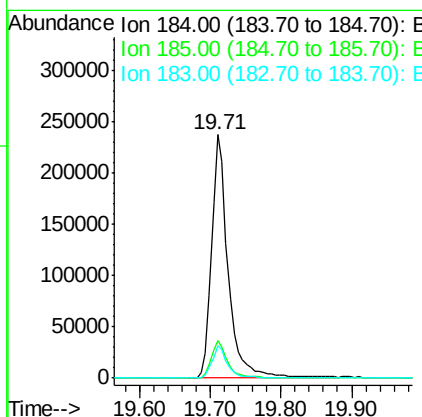
RT: 19.71 min Scan# 2795

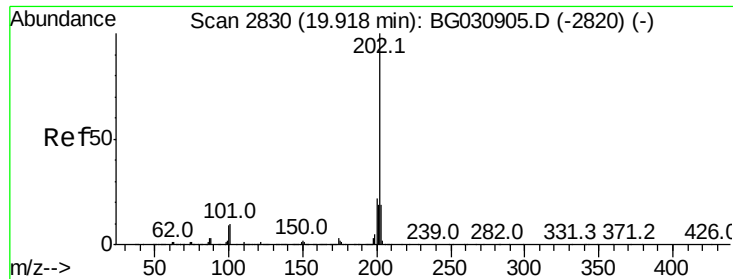
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 389068 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 11.1  | 16.7   |
| 183       | 13.3  | 10.6  | 16.0   |





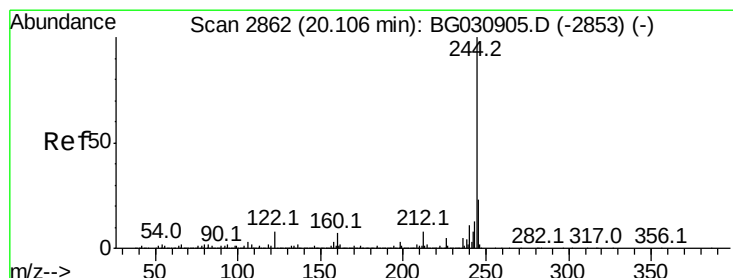
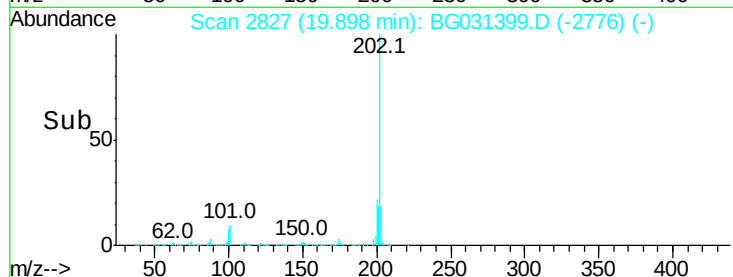
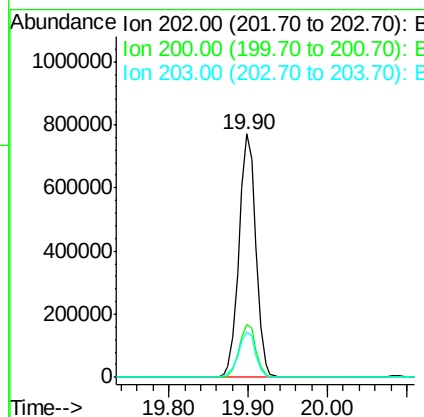
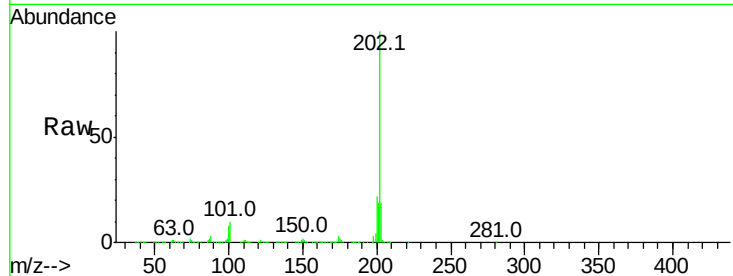
#77  
Pvrene  
Concen: 38.151 ng  
RT: 19.90 min Scan# 2827  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

Instrument :  
BNA\_G  
ClientSampled :  
PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 16.9  | 25.3  |
| 203     | 18.8  | 13.9  | 20.9  |

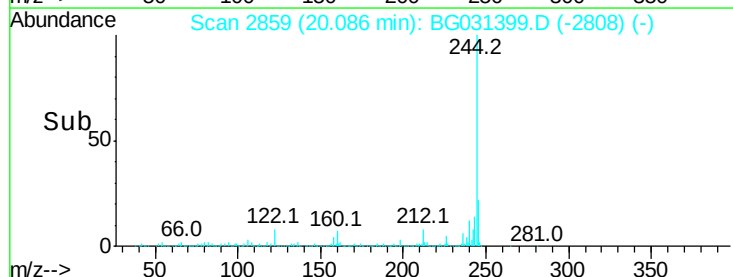
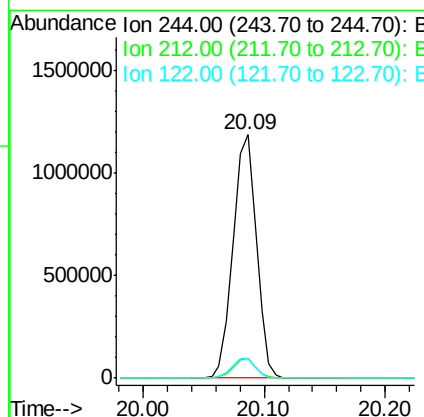
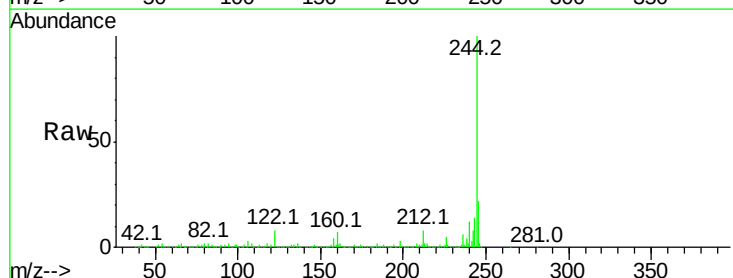
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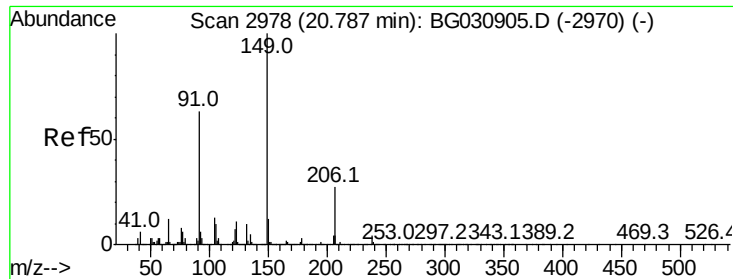
Sohil  
12/8/2017 11:13:36 AM



#78  
Terphenyl-d14  
Concen: 71.125 ng  
RT: 20.09 min Scan# 2859  
Delta R.T. 0.00 min  
Lab File: BG031399.D  
Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 5.8   | 8.8   |
| 122     | 8.0   | 7.0   | 10.4  |





#79

Butylbenzylphthalate

Concen: 36.601 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

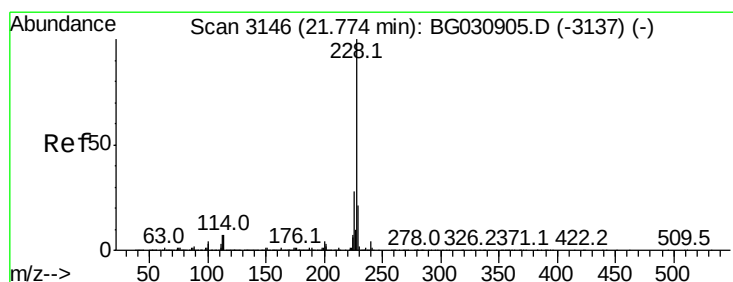
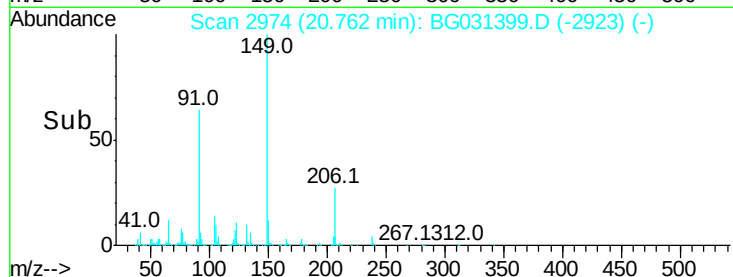
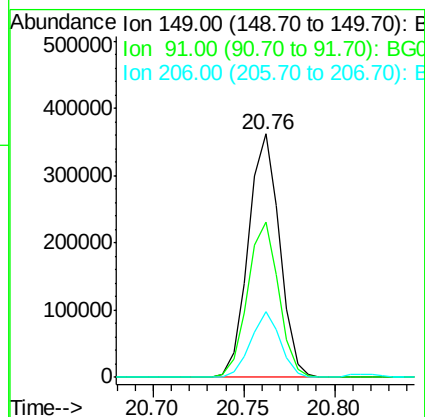
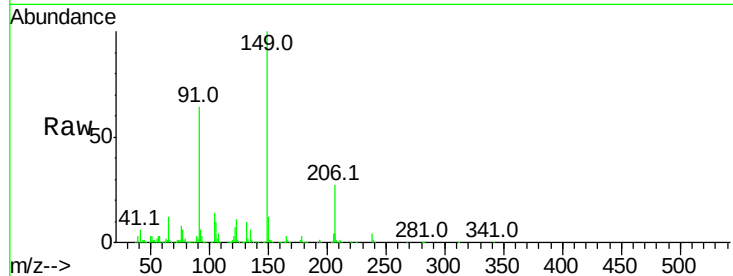
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 433301 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 64.0  | 62.2  | 93.2   |
| 206       | 26.9  | 18.6  | 27.8   |

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#80

Benzo(a)anthracene

Concen: 36.150 ng

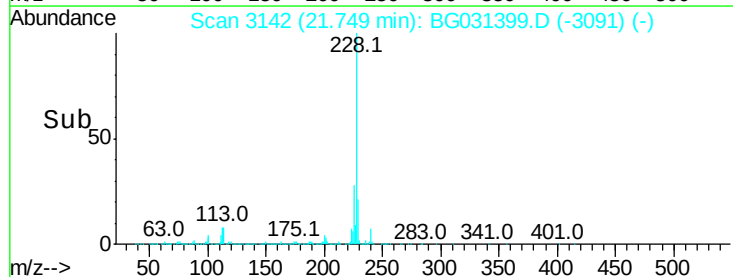
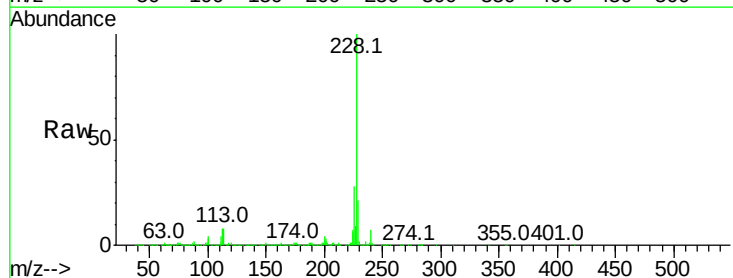
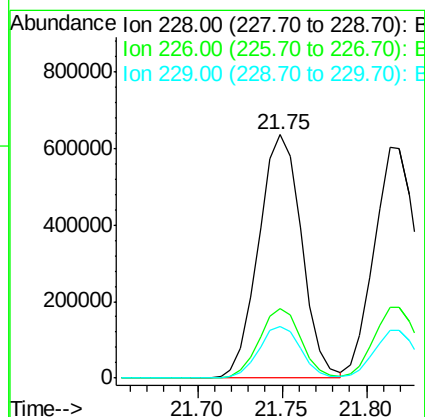
RT: 21.75 min Scan# 3142

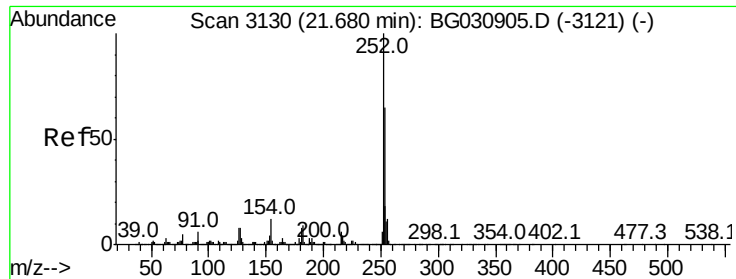
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1123577 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 28.4  | 22.7  | 34.1    |
| 229       | 21.4  | 16.2  | 24.2    |





#81

3,3'-Dichlorobenzidine

Concen: 19.006 ng

RT: 21.65 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

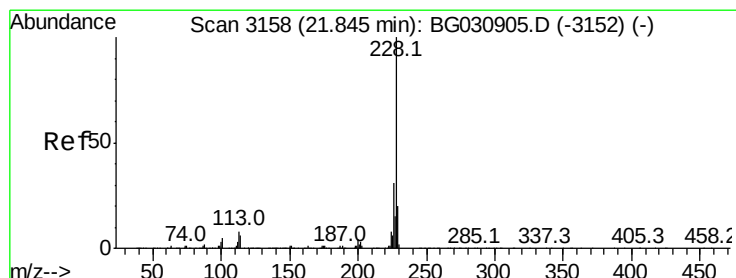
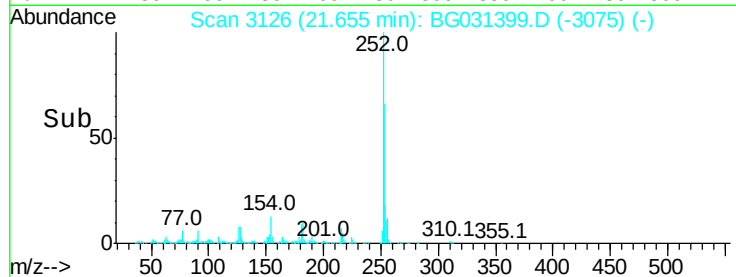
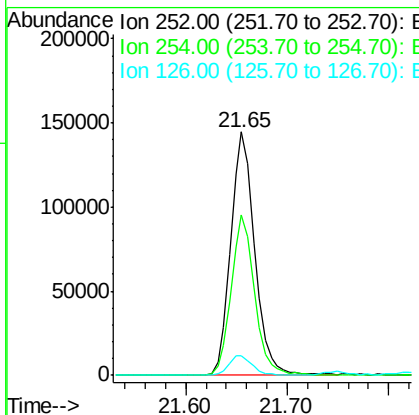
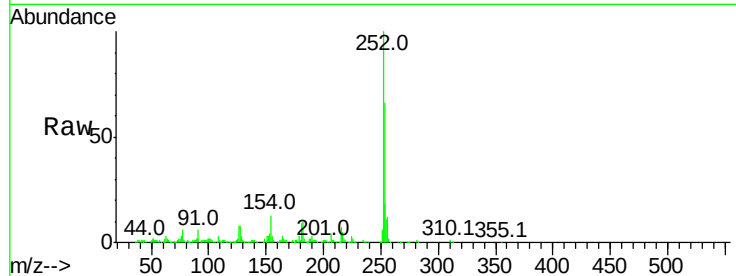
ClientSampleId :

PB104796BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 238453 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.8  | 50.8  | 76.2   |
| 126       | 8.3   | 7.4   | 11.2   |

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#82

Chrysene

Concen: 36.987 ng

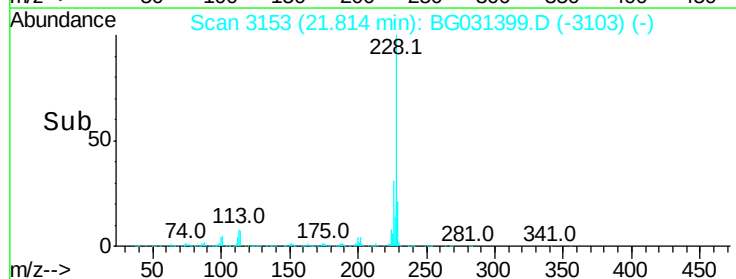
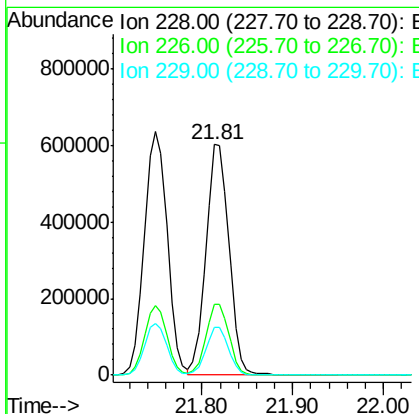
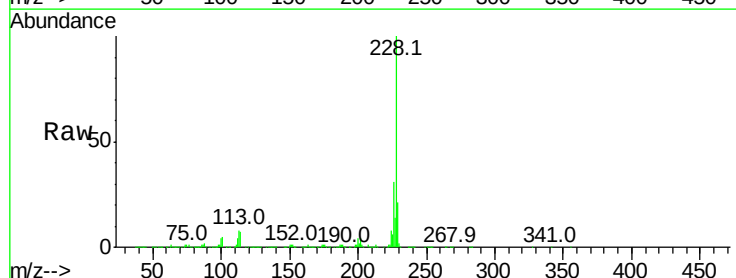
RT: 21.81 min Scan# 3153

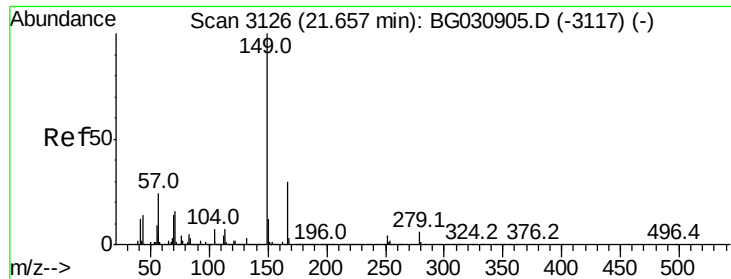
Delta R.T. -0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1063418 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 30.9  | 24.9  | 37.3    |
| 229       | 20.8  | 15.0  | 22.4    |





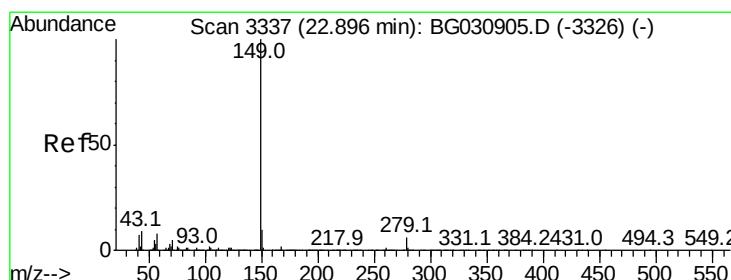
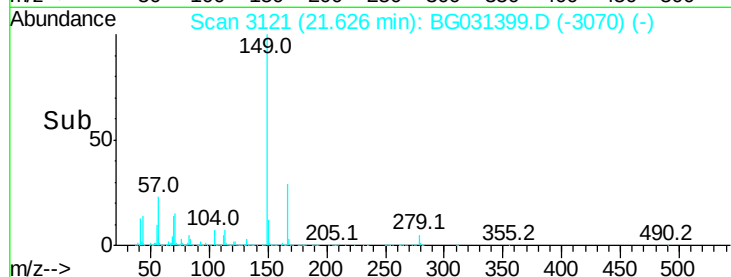
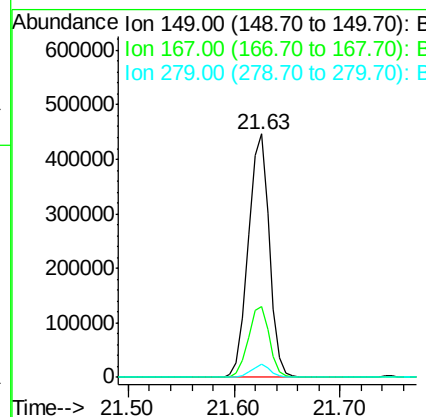
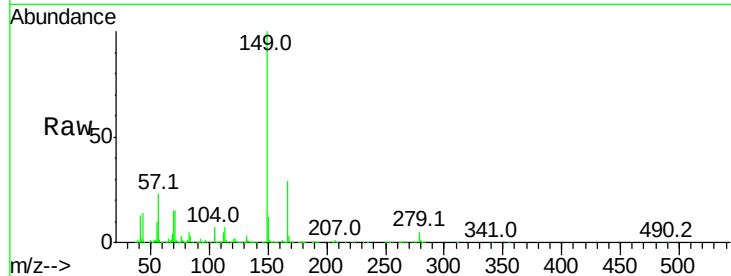
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.847 ng  
 RT: 21.63 min Scan# 3121  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.9  | 24.3  | 36.5  |
| 279     | 5.2   | 4.0   | 6.0   |

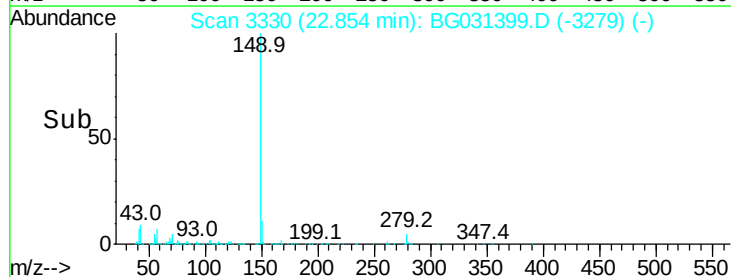
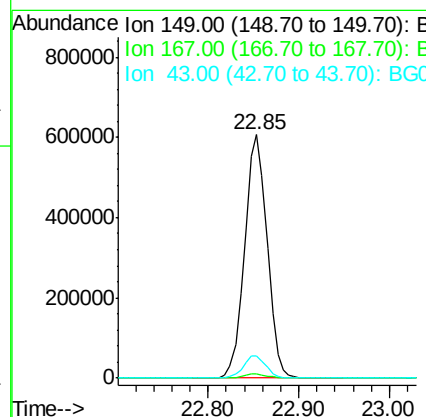
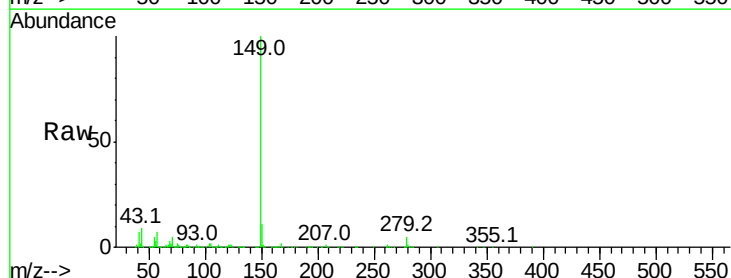
Manual Integrations  
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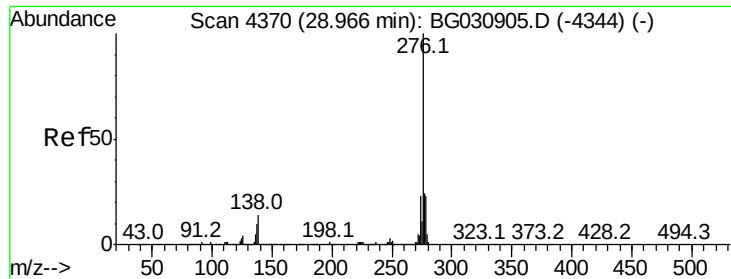
Sohil  
 12/8/2017 11:13:36 AM



#84  
 Di-n-octyl phthalate  
 Concen: 37.501 ng  
 RT: 22.85 min Scan# 3330  
 Delta R.T. 0.00 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.4   | 2.0   |
| 43      | 9.2   | 8.9   | 13.3  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.765 ng

RT: 28.88 min Scan# 4355

Delta R.T. 0.02 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

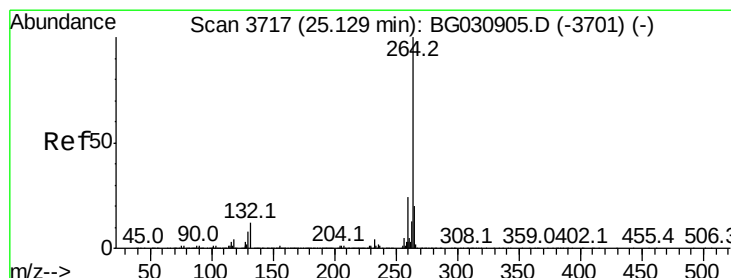
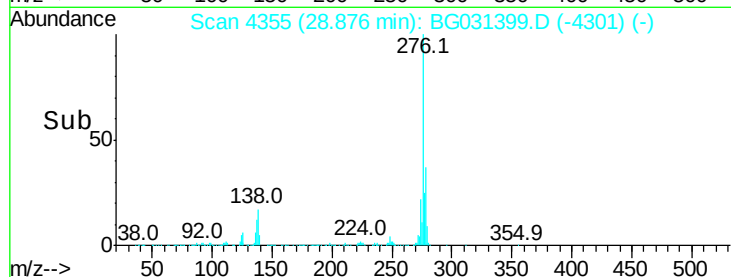
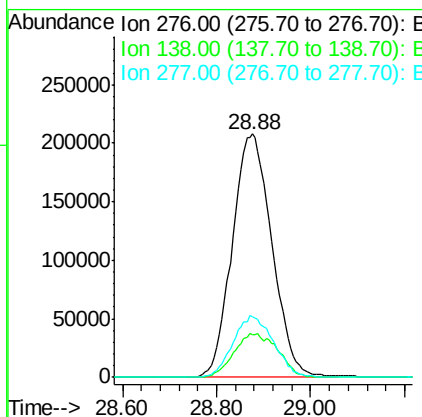
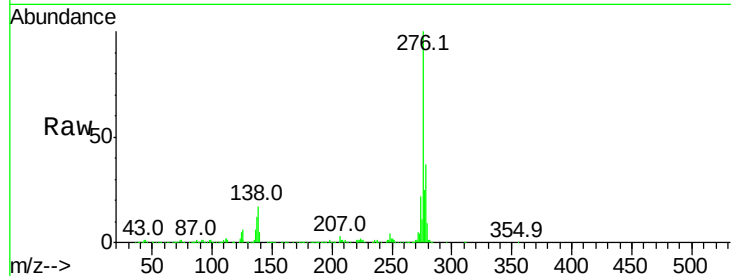
ClientSampleId :

PB104796BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 276   | Resp: | 1215127 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 20.0  | 16.0  | 24.0    |
| 277      | 26.0  | 20.0  | 30.0    |

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#86

Perylene-d12

Concen: 20.000 ng

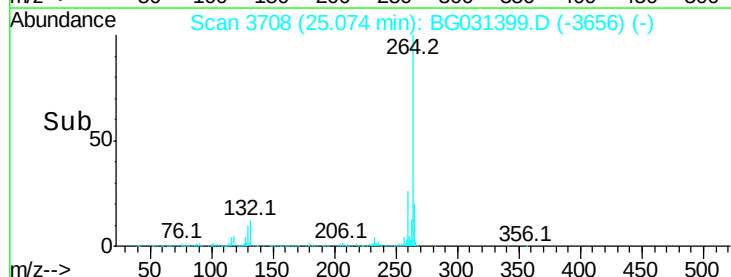
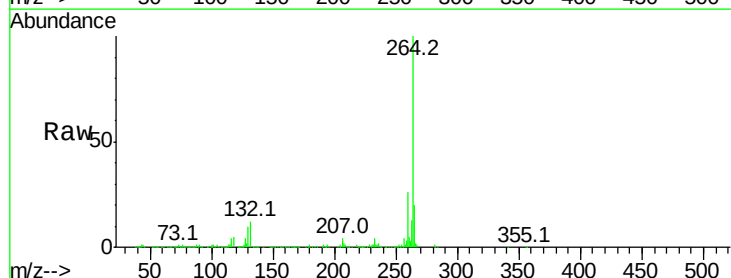
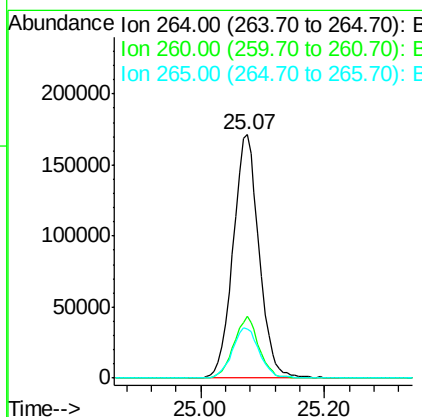
RT: 25.07 min Scan# 3708

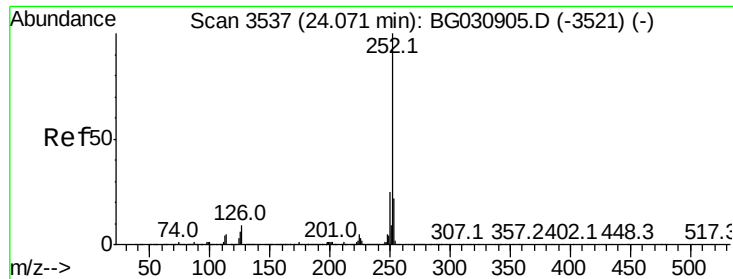
Delta R.T. 0.01 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 499328 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.6  | 17.4  | 26.0   |
| 265      | 20.1  | 17.7  | 26.5   |





#87

Benzo(b)fluoranthene

Concen: 37.456 ng

RT: 24.02 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

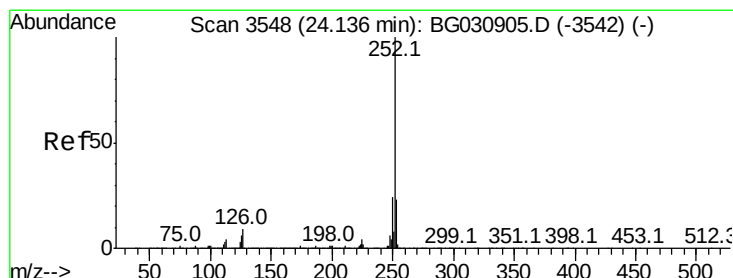
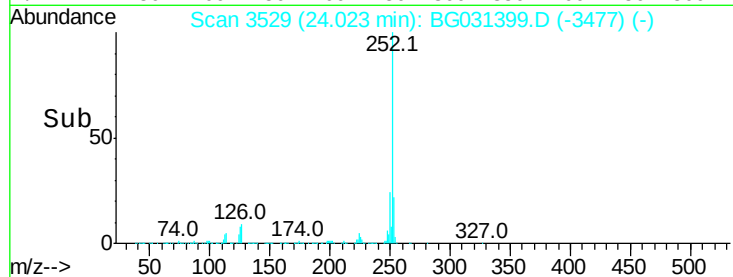
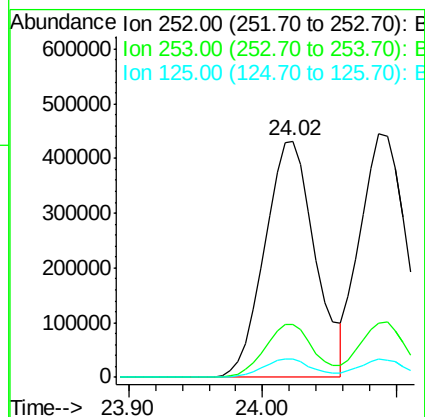
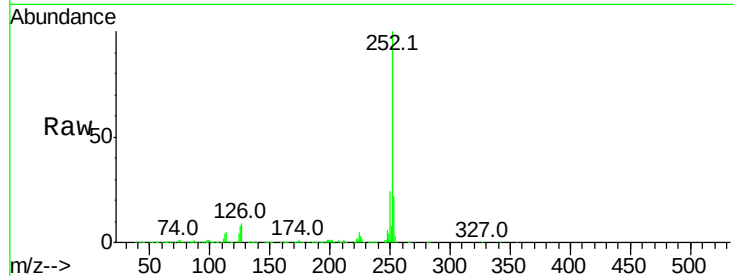
ClientSampleId :

PB104796BS

|         |       |               |       |
|---------|-------|---------------|-------|
| Tot Ion | 252   | Resp: 1131323 |       |
| Ion     | Ratio | Lower         | Upper |
| 252     | 100   |               |       |
| 253     | 22.3  | 18.2          | 27.4  |
| 125     | 7.7   | 7.2           | 10.8  |

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#88

Benzo(k)fluoranthene

Concen: 35.629 ng

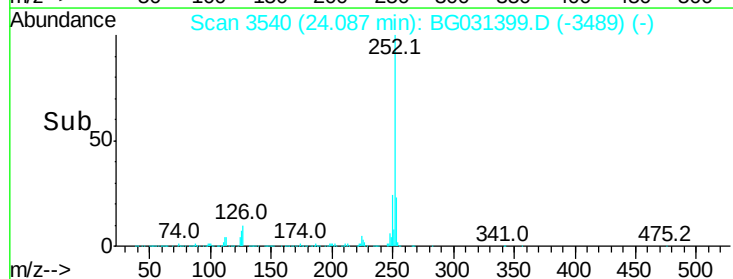
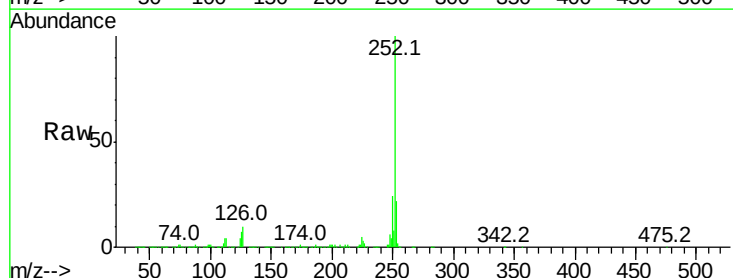
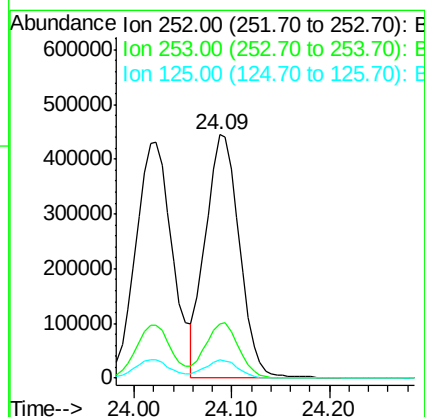
RT: 24.09 min Scan# 3540

Delta R.T. 0.00 min

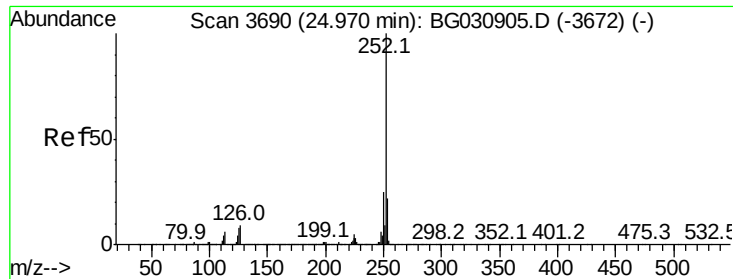
Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion:252 | Resp: 1066676 |       |
| Ion | Ratio   | Lower         | Upper |
| 252 | 100     |               |       |
| 253 | 22.5    | 17.4          | 26.2  |
| 125 | 7.4     | 6.6           | 9.8   |







#89

Benzo(a)pyrene

Concen: 37.563 ng

RT: 24.92 min Scan# 3681

Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

Instrument :

BNA\_G

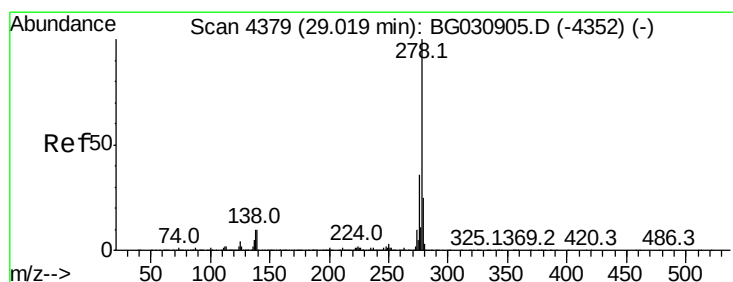
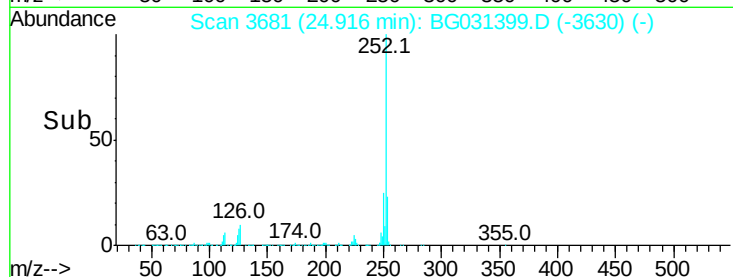
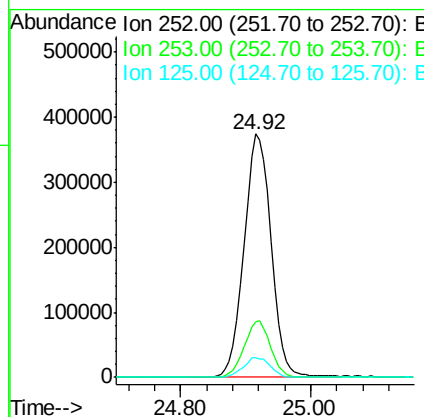
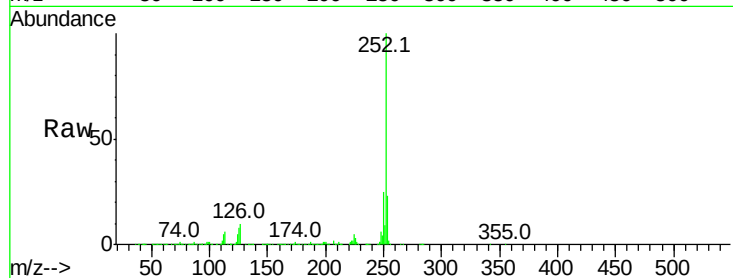
ClientSampleId :

PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.3  | 27.5  |
| 125     | 7.9   | 7.3   | 10.9  |

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#90

Dibenzo(a,h)anthracene

Concen: 34.539 ng

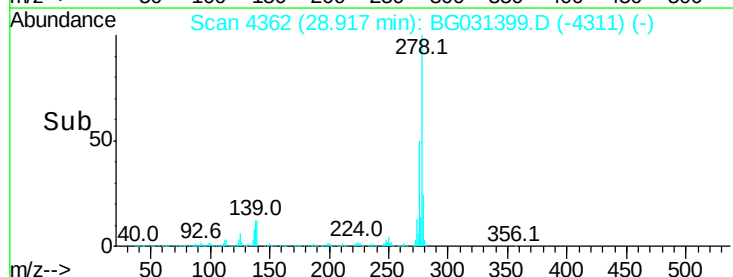
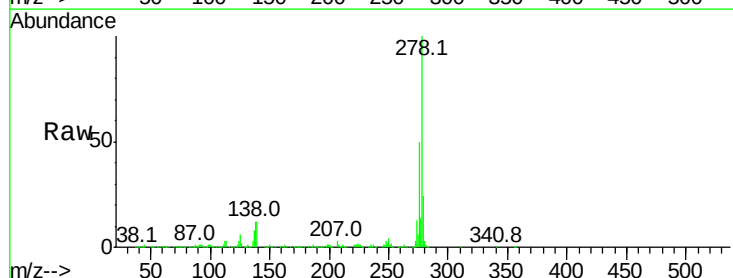
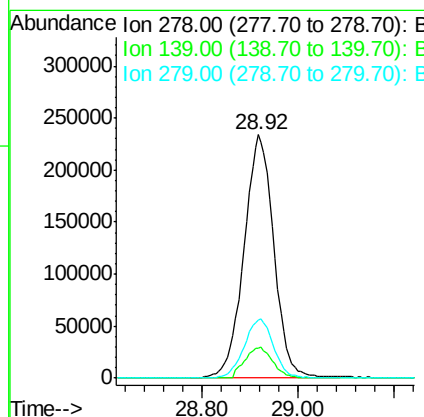
RT: 28.92 min Scan# 4362

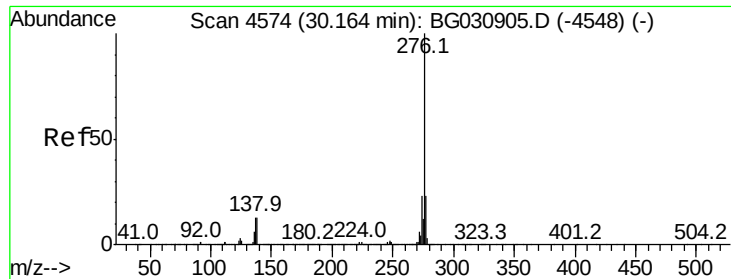
Delta R.T. 0.00 min

Lab File: BG031399.D

Acq: 7 Dec 2017 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.5  | 9.8   | 14.6  |
| 279     | 24.1  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 35.906 ng  
 RT: 30.06 min Scan# 4557  
 Delta R.T. 0.02 min  
 Lab File: BG031399.D  
 Acq: 7 Dec 2017 15:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104796BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.3  | 27.5  |
| 138     | 16.9  | 13.9  | 20.9  |

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