

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\  
 Data File : BG031170.D  
 Acq On : 22 Nov 2017 2:51  
 Operator : SJ/JU  
 Sample : PB104448BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

Manual Integrations  
 APPROVED

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 11/22/2017 4:35:26 PM

Quant Time: Nov 22 16:17:36 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 61586    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.95 | 136  | 262066   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.76 | 164  | 168869   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.50 | 188  | 440015   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.78 | 240  | 532294   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.08 | 264  | 536144   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 247183  | 68.82 | ng | -0.01 |
| 7) Phenol-d6             | 7.30  | 99  | 325030  | 67.17 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 276205  | 62.45 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.25 | 330 | 141108  | 51.65 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.38 | 172 | 785136  | 66.81 | ng | -0.01 |
| 78) Terphenyl-d14        | 20.09 | 244 | 1358310 | 56.35 | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 41675   | 28.594 | ng | 86     |
| 3) Pyridine                    | 3.95  | 79  | 124410  | 29.403 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 60695   | 30.267 | ng | # 92   |
| 6) Aniline                     | 7.46  | 93  | 76978   | 12.089 | ng | 91     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 144381  | 36.428 | ng | 89     |
| 9) Benzaldehyde                | 7.27  | 77  | 35618   | 10.519 | ng | 87     |
| 10) Phenol                     | 7.33  | 94  | 180834  | 35.988 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 127781  | 31.849 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 8.02  | 146 | 156177m | 33.585 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.17  | 146 | 157969  | 33.523 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.49  | 146 | 149559  | 33.067 | ng | 99     |
| 15) Benzyl Alcohol             | 8.37  | 79  | 120010  | 30.921 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 189784  | 42.825 | ng | 92     |
| 17) 2-Methylphenol             | 8.58  | 107 | 123272  | 35.229 | ng | 97     |
| 18) Hexachloroethane           | 9.23  | 117 | 54096   | 32.984 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.94  | 70  | 101234  | 27.517 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 170064  | 34.180 | ng | 95     |
| 22) Acetophenone               | 8.96  | 105 | 204161  | 31.288 | ng | # 90   |
| 24) Nitrobenzene               | 9.35  | 77  | 150510  | 33.316 | ng | # 87   |
| 25) Isophorone                 | 9.87  | 82  | 282361  | 32.737 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.06 | 139 | 82924   | 35.215 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 139940  | 40.029 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.34 | 93  | 181690  | 33.446 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 159523  | 38.000 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180 | 171308  | 34.180 | ng | 97     |
| 31) Naphthalene                | 11.00 | 128 | 429344  | 33.327 | ng | 99     |
| 32) Benzoic acid               | 10.27 | 122 | 65719   | 25.570 | ng | # 79   |
| 33) 4-Chloroaniline            | 11.12 | 127 | 62919   | 11.157 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 112033  | 32.231 | ng | 96     |
| 35) Caprolactam                | 11.88 | 113 | 53376m  | 31.125 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 153351  | 33.563 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 12.60 | 142 | 339520  | 34.139 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216 | 213564  | 31.864 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 12.94 | 237 | 156229  | 65.287 | ng | 90     |

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Instrument :  
 BNA\_G  
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 PB104448BS

Manual Integrations  
 APPROVED

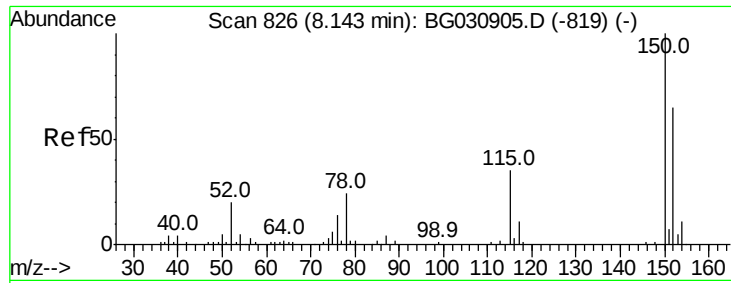
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 11/22/2017 4:35:26 PM

Quant Time: Nov 22 16:17:36 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:38:25 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.20 | 196  | 138699   | 36.200 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 143941   | 34.336 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.60 | 154  | 454000   | 32.421 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.64 | 162  | 365138   | 36.140 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.84 | 65   | 99578    | 33.252 | ng    | # 82     |
| 48) Acenaphthylene             | 14.48 | 152  | 558552   | 33.777 | ng    | 98       |
| 49) Dimethylphthalate          | 14.21 | 163  | 485464   | 33.249 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.33 | 165  | 105599   | 35.089 | ng    | # 80     |
| 51) Acenaphthene               | 14.82 | 154  | 340088   | 32.930 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.67 | 138  | 49564    | 15.510 | ng    | # 79     |
| 53) 2,4-Dinitrophenol          | 14.88 | 184  | 127634   | 77.302 | ng    | # 44     |
| 54) Dibenzofuran               | 15.15 | 168  | 575098   | 34.960 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 153489   | 67.429 | ng    | # 78     |
| 56) 2,4-Dinitrotoluene         | 15.12 | 165  | 156267   | 35.917 | ng    | # 72     |
| 57) Fluorene                   | 15.81 | 166  | 455578   | 34.113 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 143394   | 35.890 | ng    | # 88     |
| 59) Diethylphthalate           | 15.56 | 149  | 477384   | 32.187 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.79 | 204  | 273463   | 33.904 | ng    | 91       |
| 61) 4-Nitroaniline             | 15.83 | 138  | 112978   | 33.388 | ng    | 87       |
| 62) Azobenzene                 | 16.08 | 77   | 385544   | 34.085 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 93179    | 31.859 | ng    | 79       |
| 65) n-Nitrosodiphenylamine     | 16.00 | 169  | 426596   | 31.994 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.68 | 248  | 176702   | 31.707 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.81 | 284  | 181611   | 30.669 | ng    | 95       |
| 68) Atrazine                   | 16.95 | 200  | 165481   | 30.080 | ng    | 98       |
| 69) Pentachlorophenol          | 17.16 | 266  | 172439   | 52.681 | ng    | 98       |
| 70) Phenanthrene               | 17.54 | 178  | 791340   | 34.541 | ng    | 99       |
| 71) Anthracene                 | 17.63 | 178  | 811475   | 35.349 | ng    | 99       |
| 72) Carbazole                  | 17.90 | 167  | 752177   | 34.969 | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.44 | 149  | 864788   | 32.744 | ng    | 99       |
| 74) Fluoranthene               | 19.54 | 202  | 1062841  | 36.640 | ng    | 97       |
| 76) Benzidine                  | 19.72 | 184  | 429989   | 25.148 | ng    | 99       |
| 77) Pyrene                     | 19.91 | 202  | 1087671  | 34.435 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.76 | 149  | 430935   | 34.218 | ng    | 87       |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 1131775  | 34.230 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 322892   | 24.193 | ng    | 98       |
| 82) Chrysene                   | 21.82 | 228  | 1056658  | 34.548 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 609666   | 33.536 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.86 | 149  | 1053833  | 35.616 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 1214595  | 32.666 | ng    | # 79     |
| 87) Benzo(b)fluoranthene       | 24.03 | 252  | 1108272  | 34.173 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.10 | 252  | 1098746  | 34.180 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.92 | 252  | 1082042  | 35.121 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 28.92 | 278  | 1019410  | 32.372 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.05 | 276  | 989231   | 32.366 | ng    | 98       |

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





#1

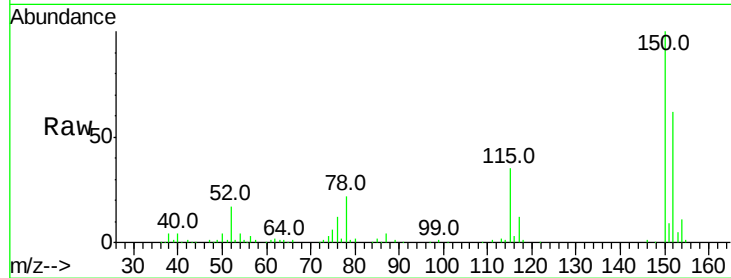
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.13 min Scan# 824  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

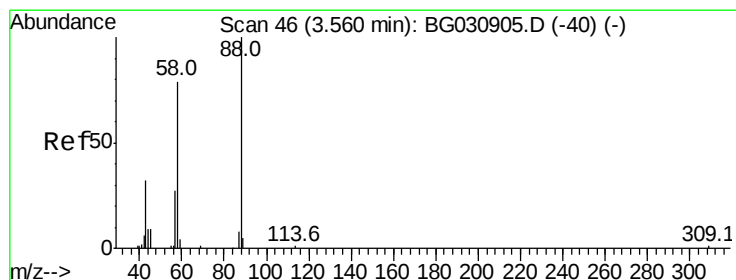
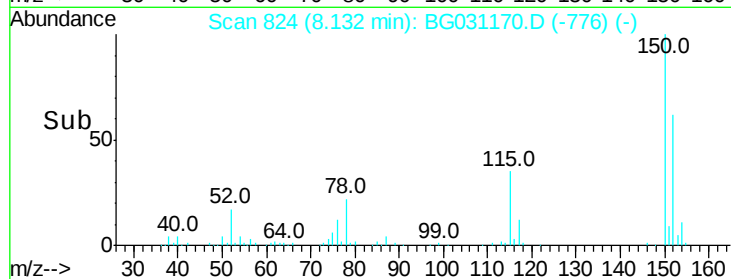
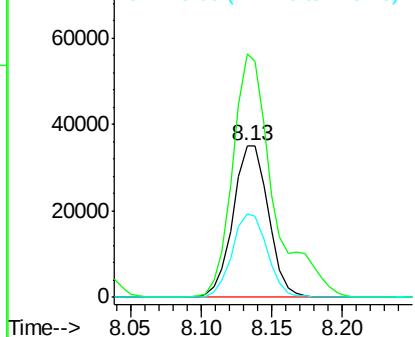
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.6 | 126.6 | 189.8 |
| 115     | 55.6  | 53.0  | 79.4  |

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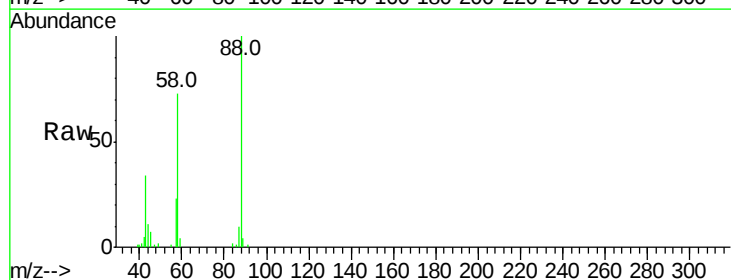
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



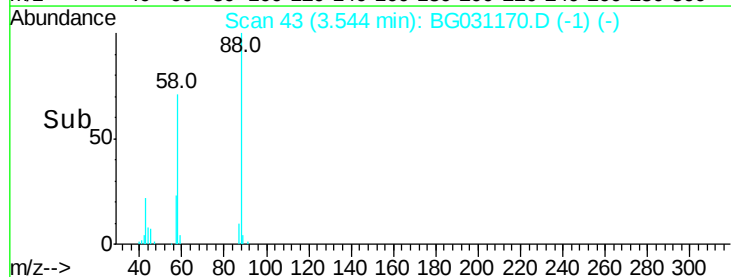
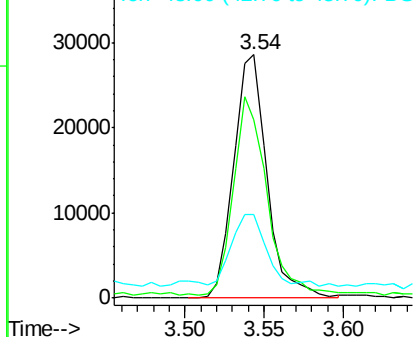
#2

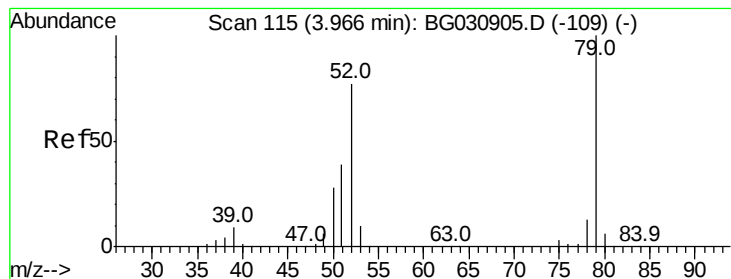
1,4-Dioxane  
Concen: 28.594 ng  
RT: 3.54 min Scan# 43  
Delta R.T. -0.03 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.4  | 79.6  | 119.4 |
| 43      | 32.5  | 27.4  | 41.0  |



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





#3

Pvridine

Concen: 29.403 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

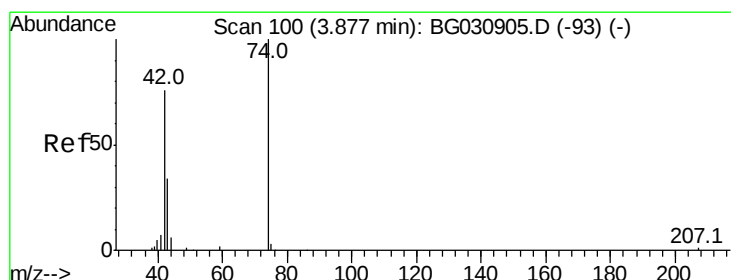
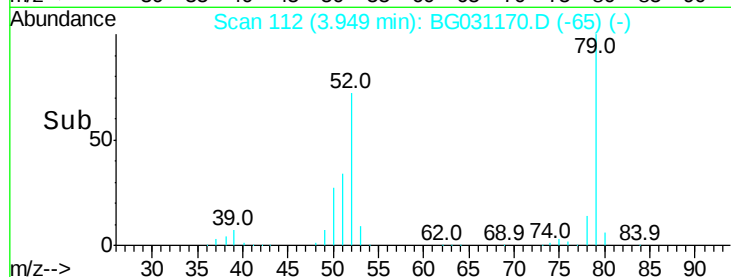
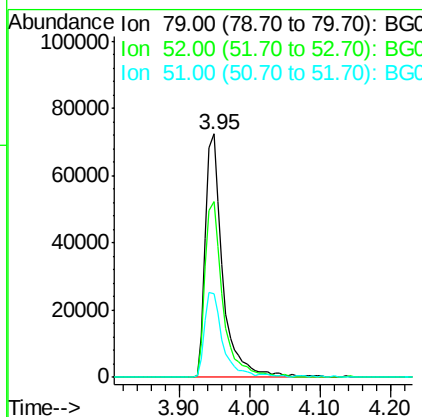
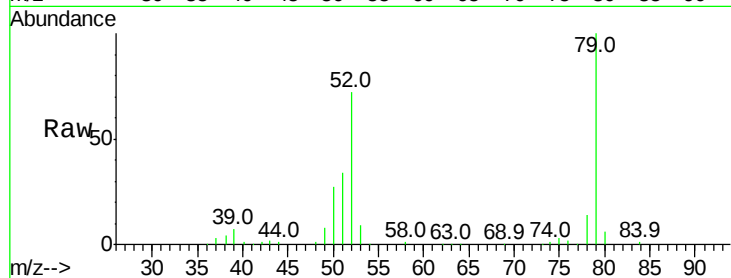
ClientSampleId :

PB104448BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 124410 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 72.3  | 69.9  | 104.9  |
| 51        | 34.4  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 30.267 ng

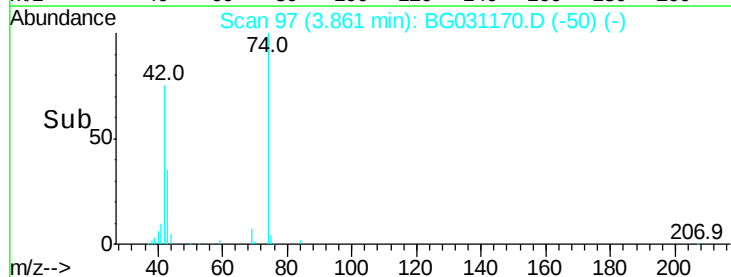
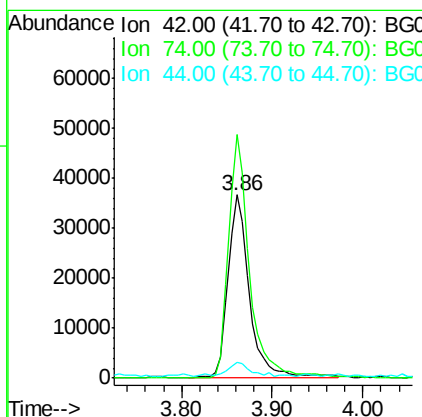
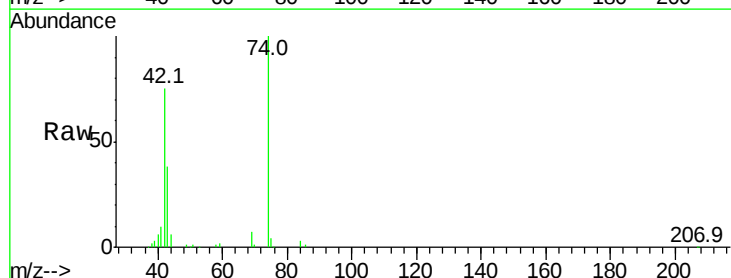
RT: 3.86 min Scan# 97

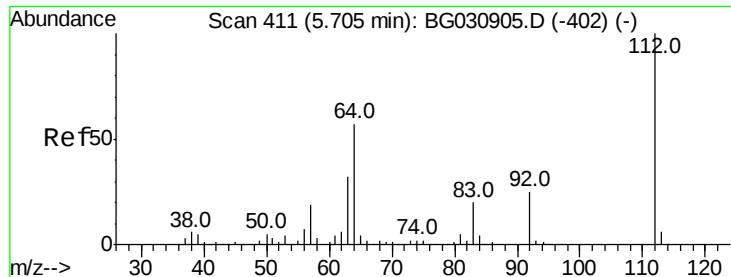
Delta R.T. -0.03 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 60695 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 133.0 | 102.5 | 153.7 |
| 44        | 8.4   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 68.824 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

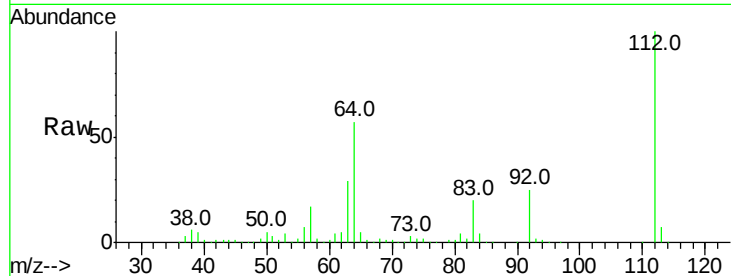
ClientSampled :

PB104448BS

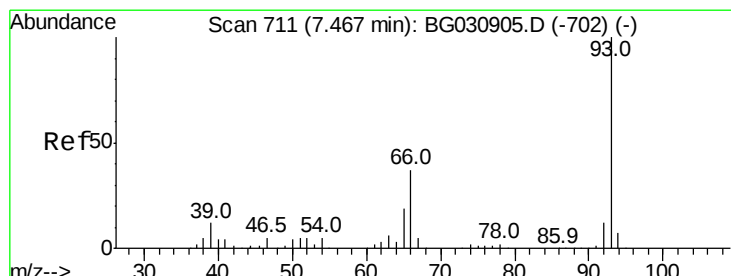
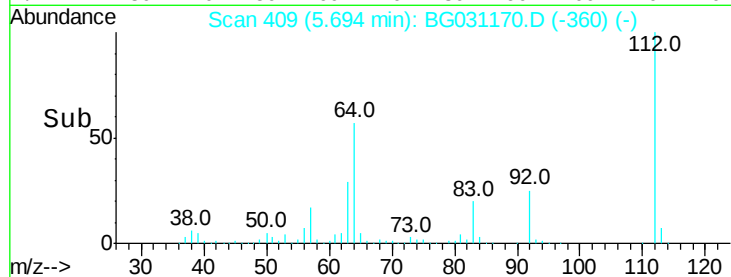
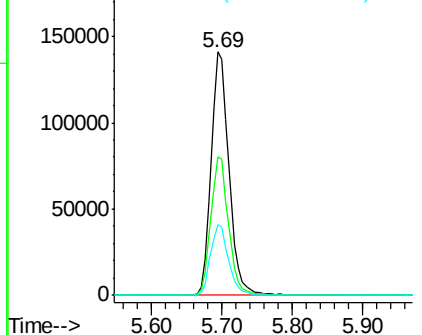
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 56.7  | 56.3       | 84.5  |
| 63      | 29.3  | 30.1       | 45.1# |

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



#6

Aniline

Concen: 12.089 ng

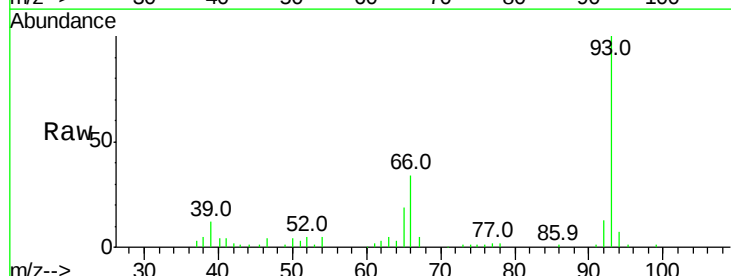
RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

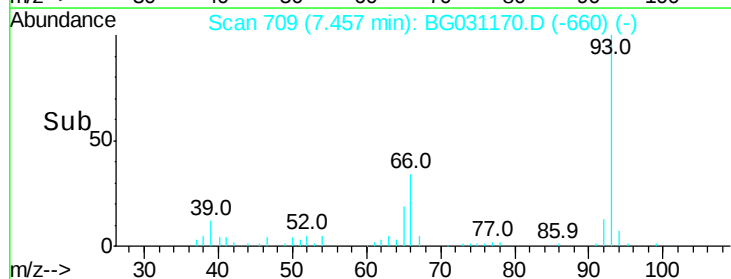
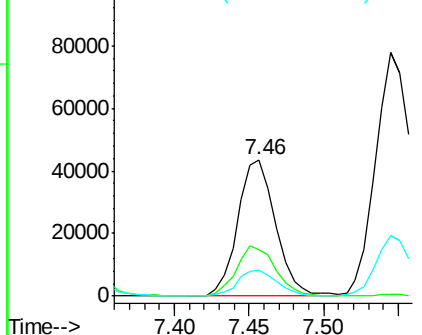
Lab File: BG031170.D

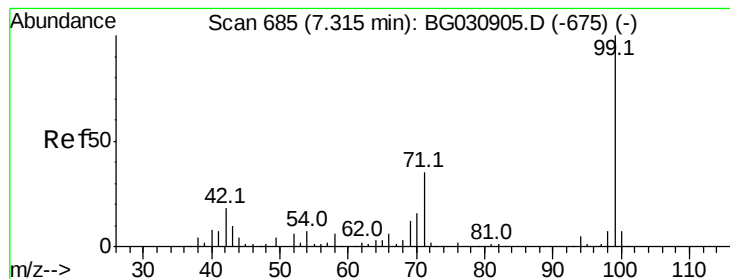
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 34.3  | 33.7       | 50.5  |
| 65      | 19.0  | 16.1       | 24.1  |



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





#7

Phenol-d6

Concen: 67.175 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

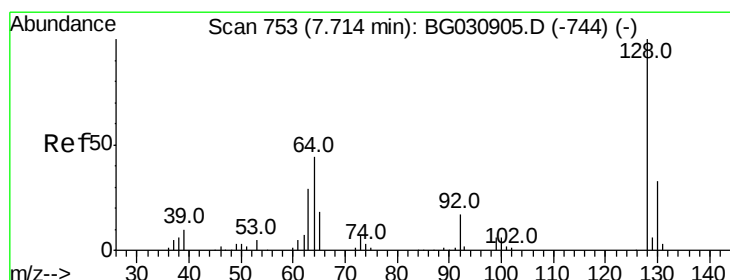
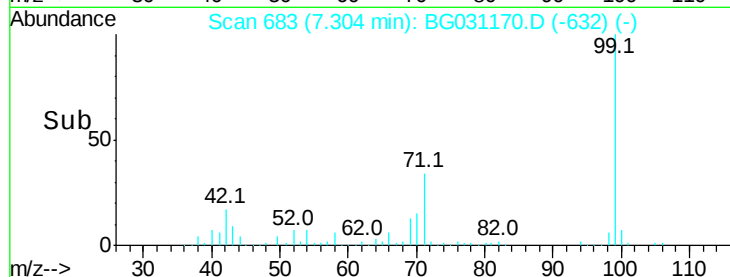
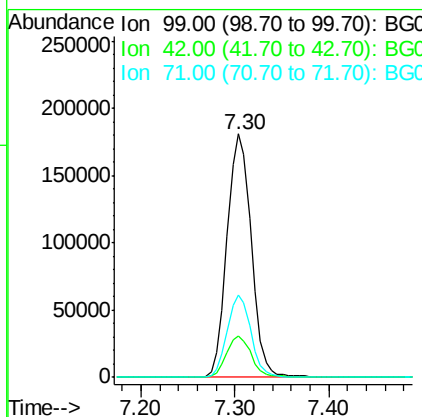
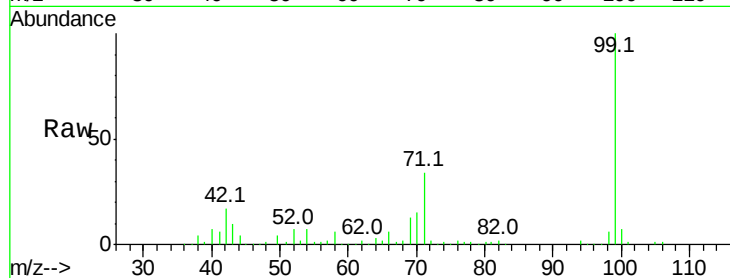
ClientSampleId :

PB104448BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 325030 |       |       |
| 42      | 17.1 | 14.1  | 21.1   |       |       |
| 71      | 33.9 | 26.1  | 39.1   |       |       |

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#8

2-Chlorophenol

Concen: 36.428 ng

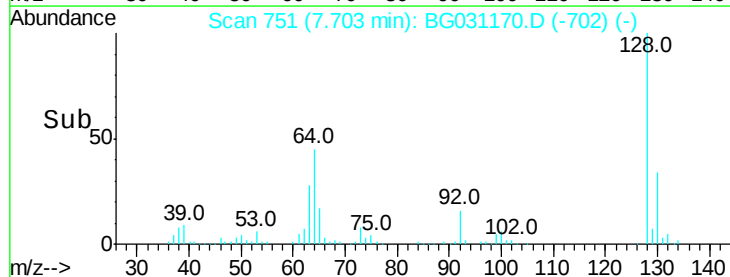
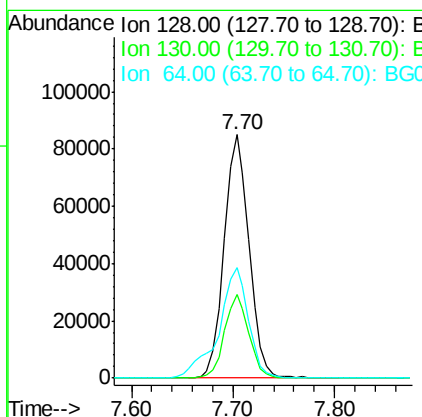
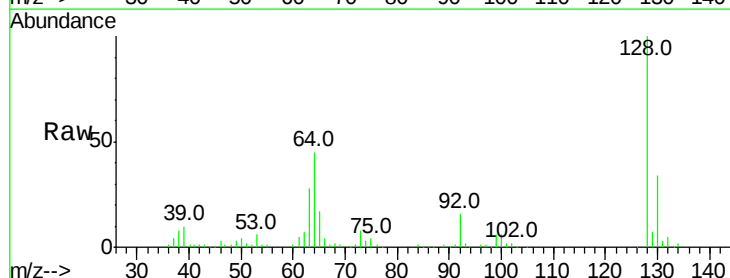
RT: 7.70 min Scan# 751

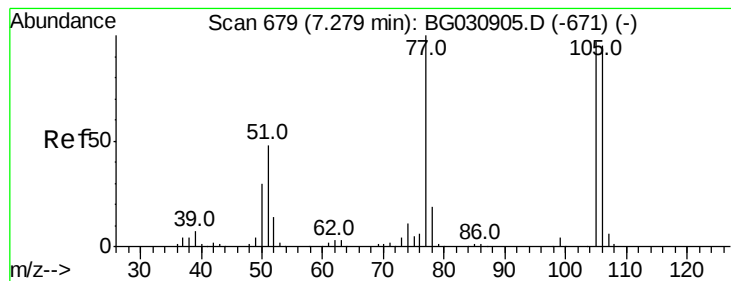
Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 144381 |       |       |
| 130     | 34.2 | 14.0  | 54.0   |       |       |
| 64      | 45.2 | 37.7  | 77.7   |       |       |





#9

Benzaldehyde

Concen: 10.519 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

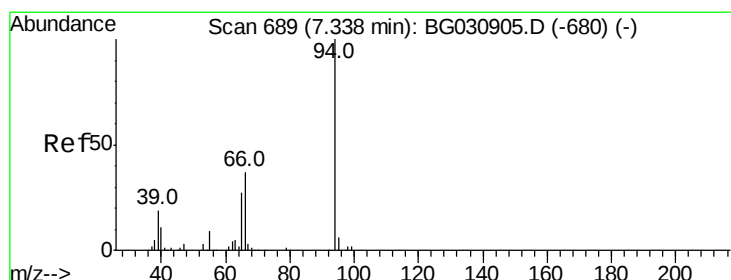
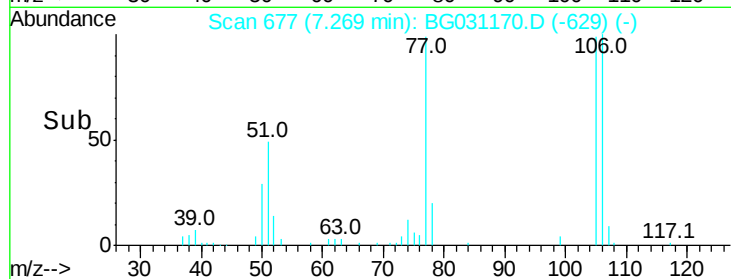
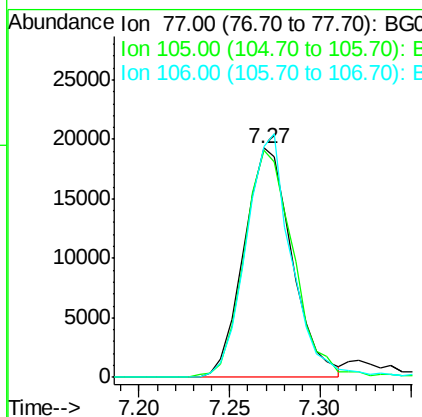
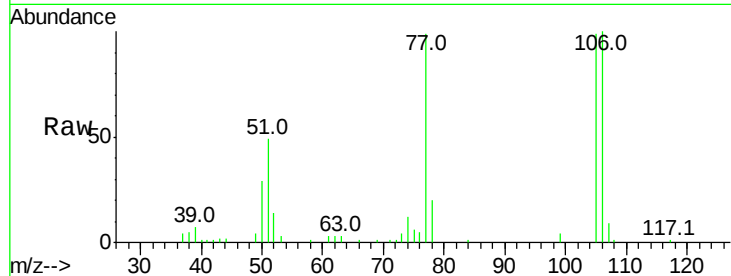
ClientSampled :

PB104448BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 35618 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 99.3  | 71.3  | 111.3 |
| 106      | 100.5 | 64.2  | 104.2 |

Manual Integrations  
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#10

Phenol

Concen: 35.988 ng

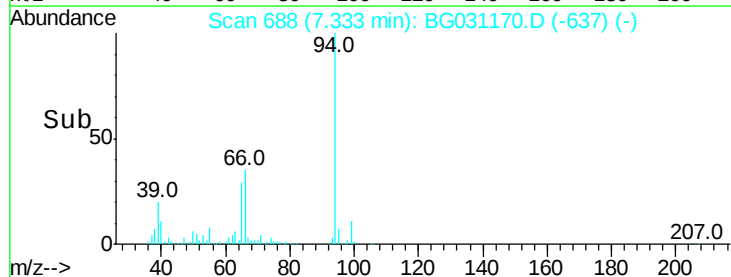
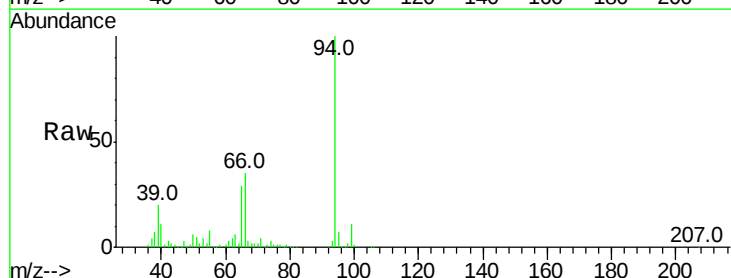
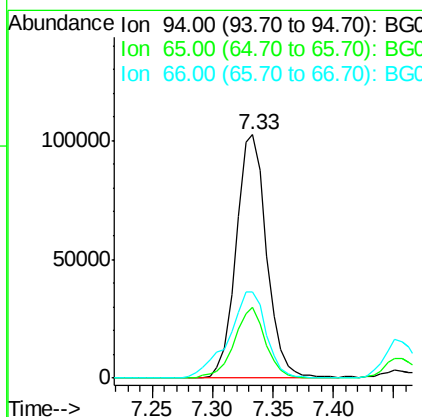
RT: 7.33 min Scan# 688

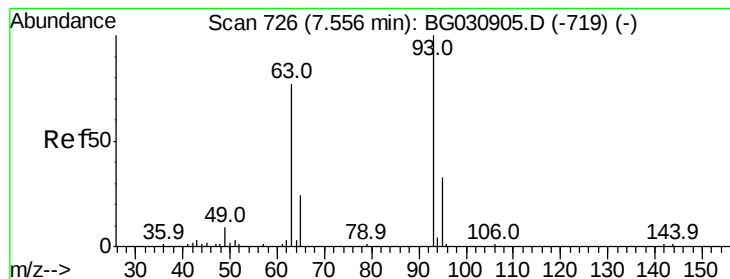
Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 180834 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.0  | 11.9  | 51.9   |
| 66       | 35.5  | 22.2  | 62.2   |





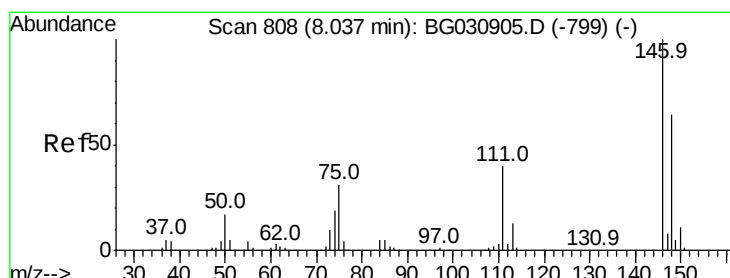
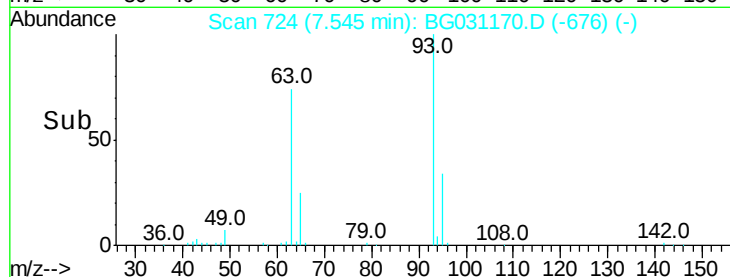
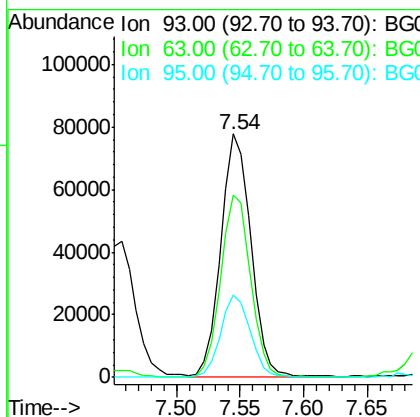
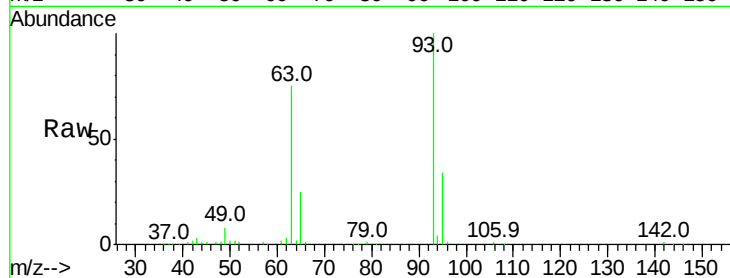
#11  
bis(2-Chloroethyl)ether  
Concen: 31.849 ng  
RT: 7.54 min Scan# 724  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampled :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.7  | 67.1  | 107.1 |
| 95      | 33.9  | 11.5  | 51.5  |

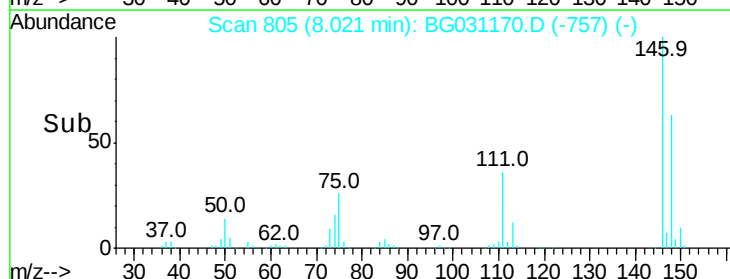
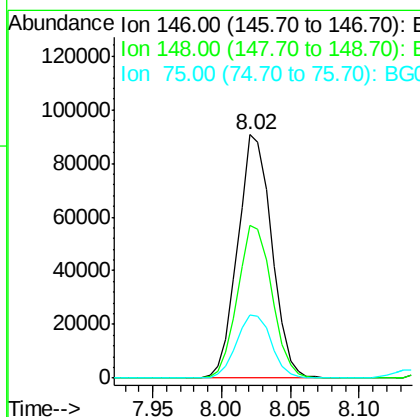
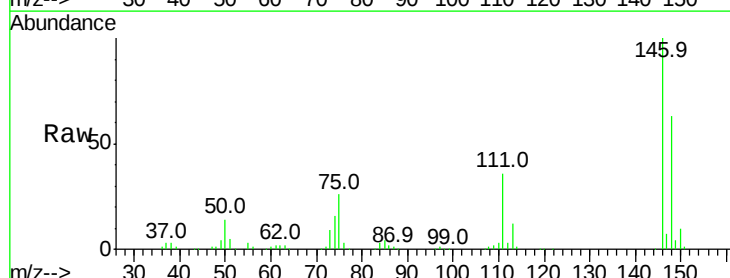
Manual Integrations  
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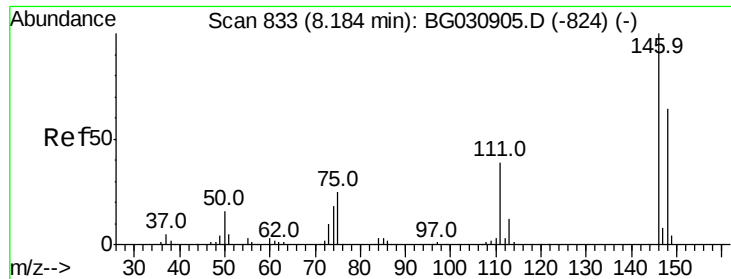
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#12  
1,3-Dichlorobenzene  
Concen: 33.585 ng m  
RT: 8.02 min Scan# 805  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 51.4  | 77.2  |
| 75      | 26.0  | 26.6  | 39.8# |





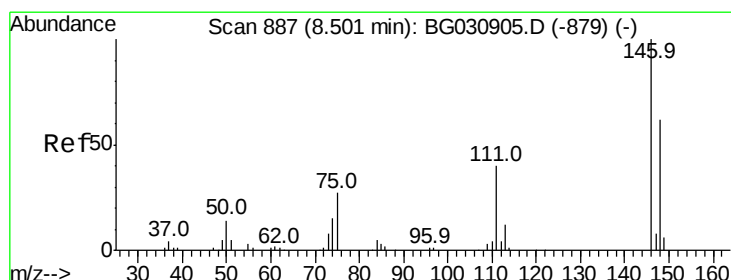
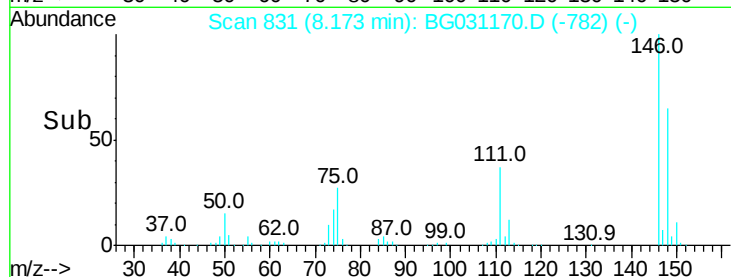
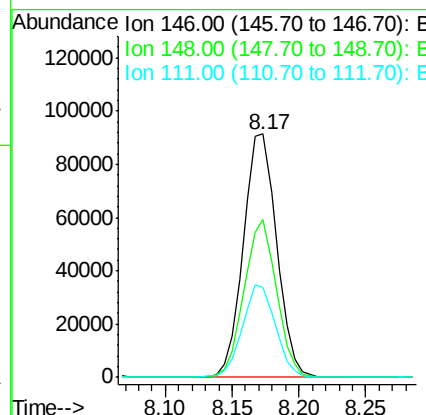
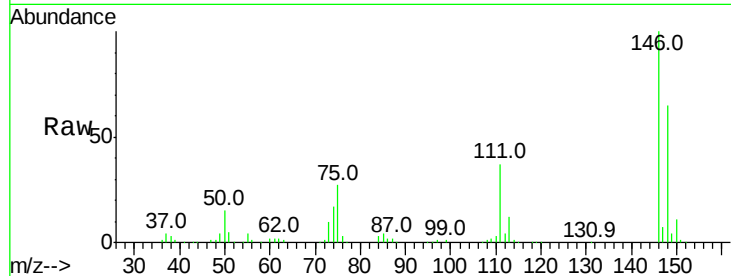
#13  
 1,4-Dichlorobenzene  
 Concen: 33.523 ng  
 RT: 8.17 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 53.7  | 80.5  |
| 111     | 37.1  | 35.2  | 52.8  |

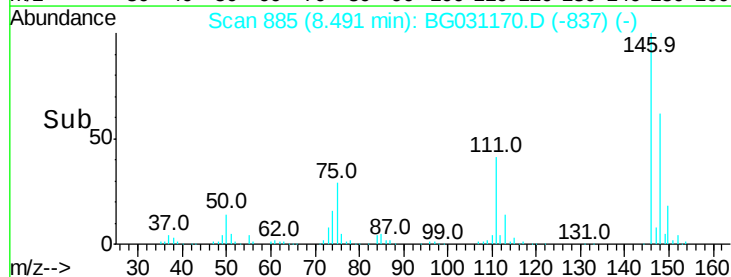
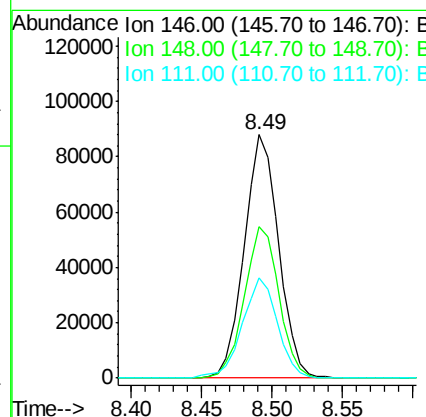
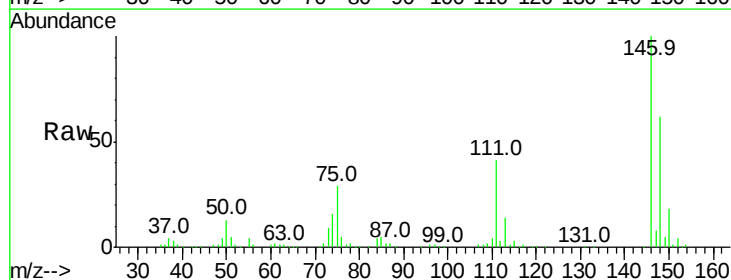
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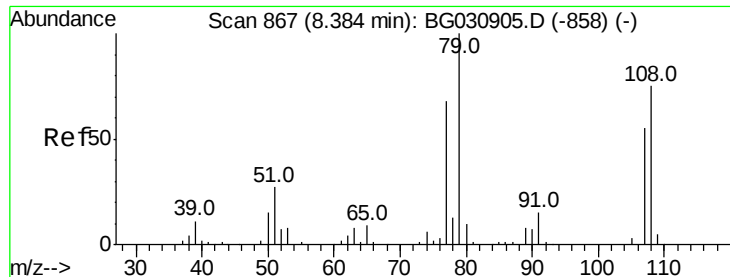
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#14  
 1,2-Dichlorobenzene  
 Concen: 33.067 ng  
 RT: 8.49 min Scan# 885  
 Delta R.T. -0.02 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 49.3  | 73.9  |
| 111     | 41.3  | 34.3  | 51.5  |





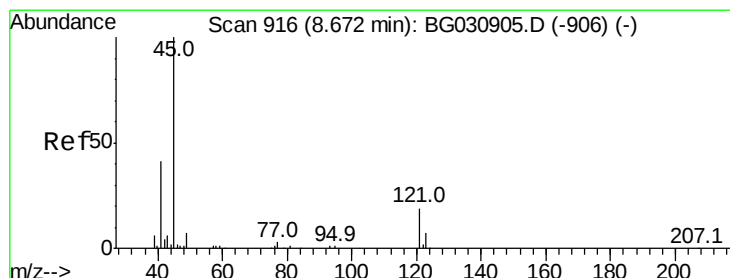
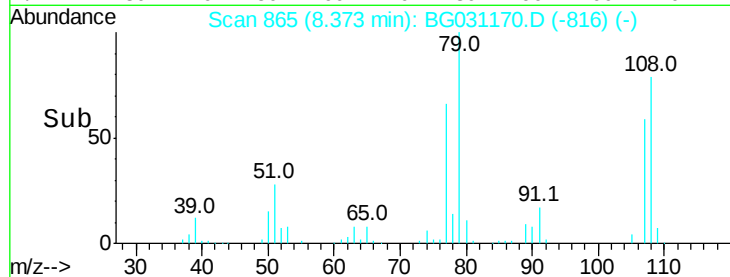
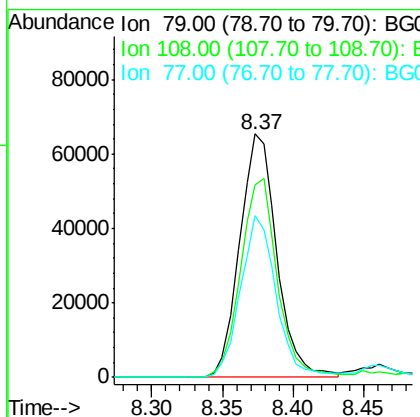
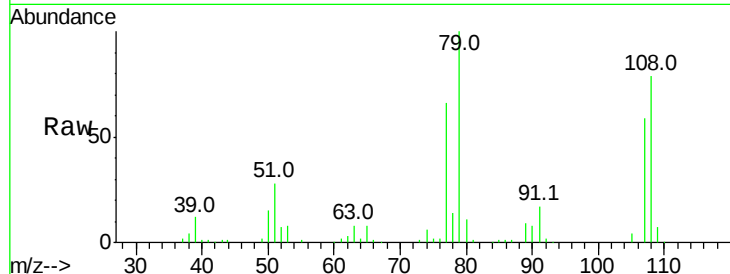
#15  
Benzyl Alcohol  
Concen: 30.921 ng  
RT: 8.37 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.8  | 57.2  | 85.8  |
| 77      | 66.2  | 46.1  | 69.1  |

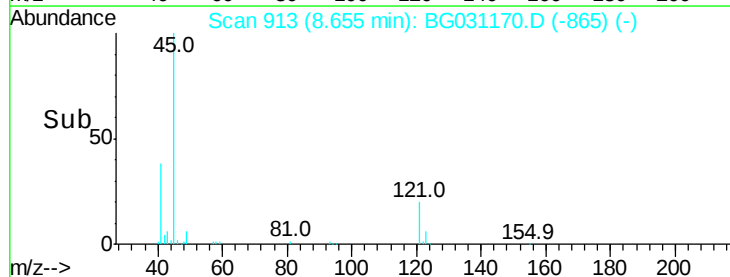
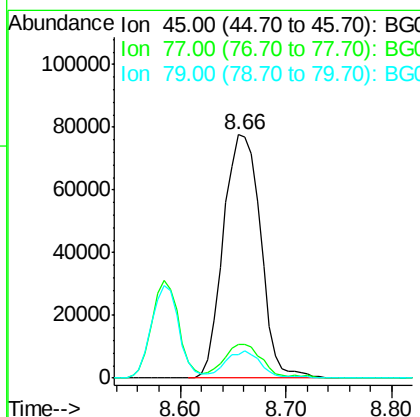
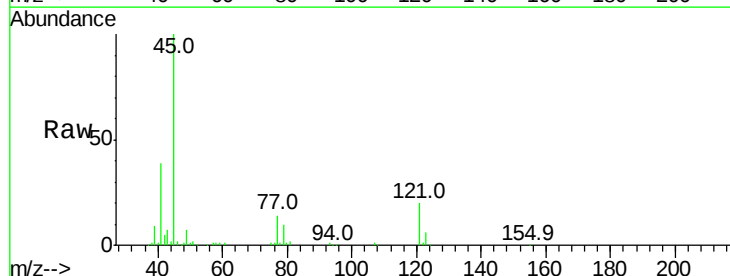
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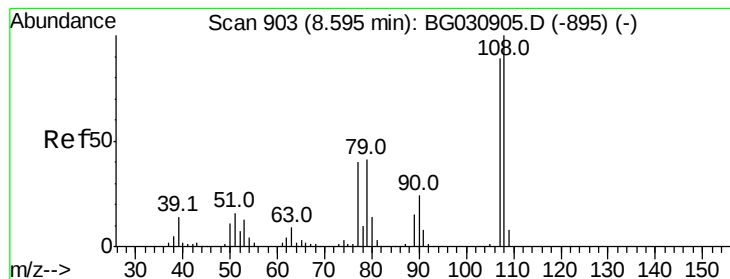
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 42.825 ng  
RT: 8.66 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.8  | 0.0   | 30.2  |
| 79      | 9.6   | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 35.229 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

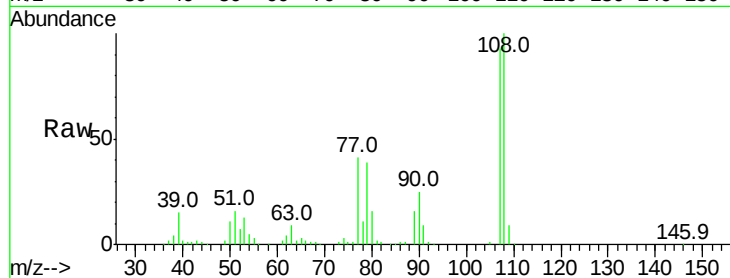
ClientSampleId :

PB104448BS

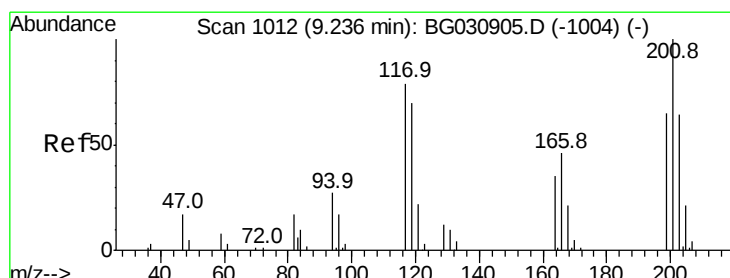
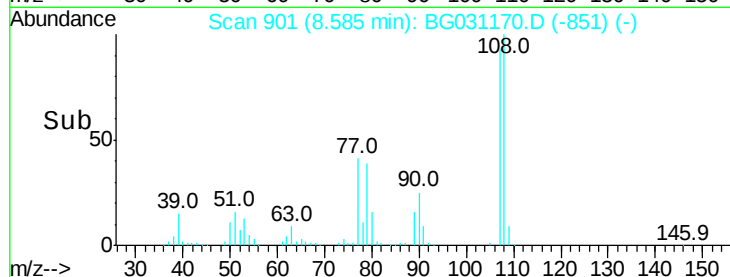
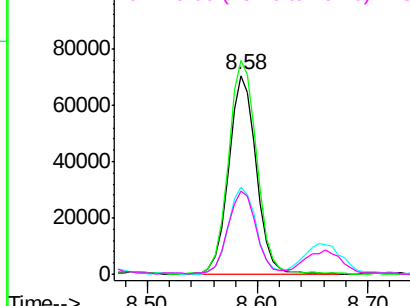
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 123272 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 107.5 | 83.9  | 125.9  |
| 77        | 44.1  | 37.2  | 55.8   |
| 79        | 41.9  | 36.2  | 54.2   |

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Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.984 ng

RT: 9.23 min Scan# 1010

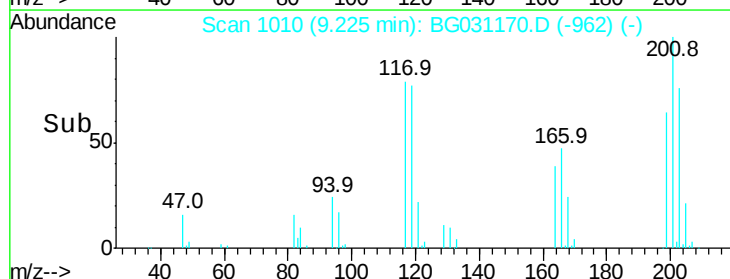
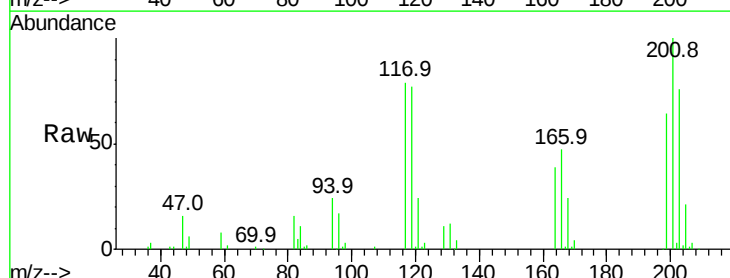
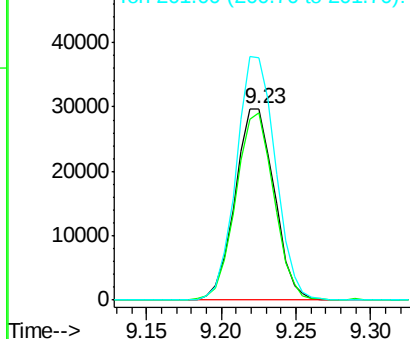
Delta R.T. -0.02 min

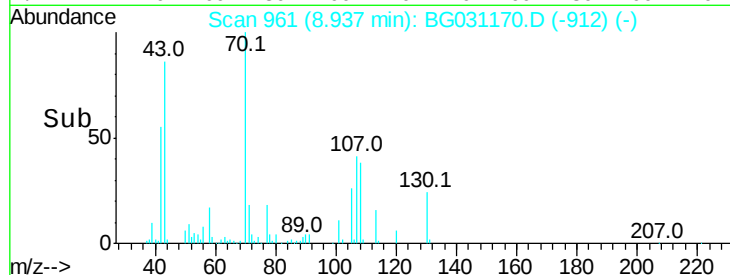
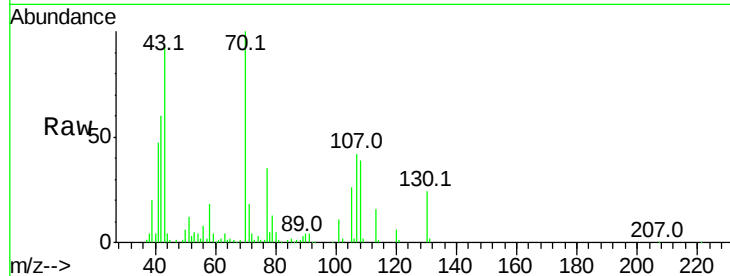
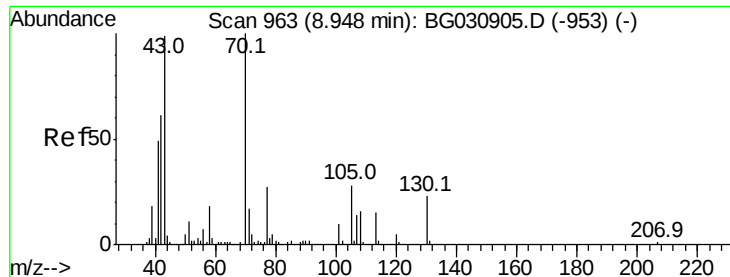
Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 54096 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.1  | 76.7  | 115.1 |
| 201       | 126.8 | 95.7  | 143.5 |

Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





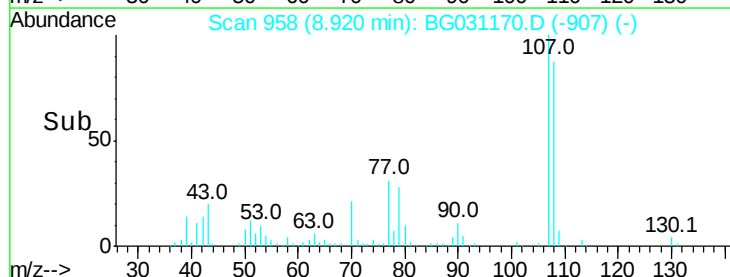
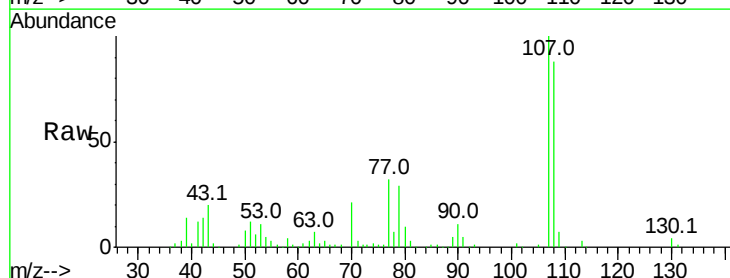
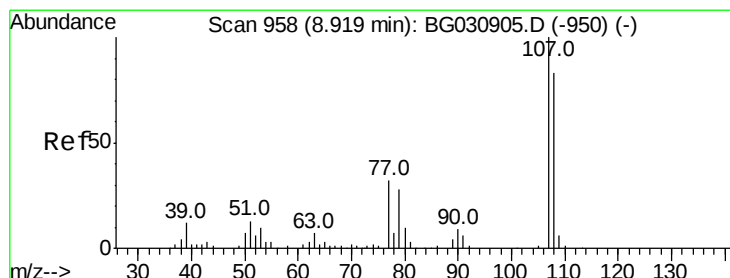
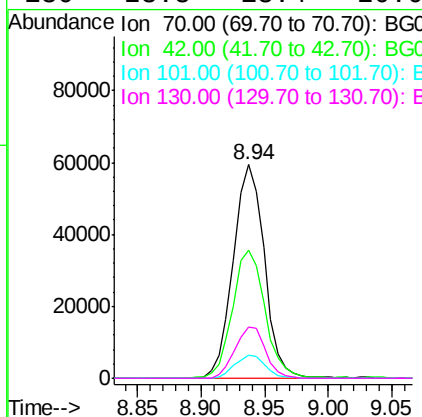
#19  
n-Nitroso-di-n-propylamine  
Concen: 27.517 ng  
RT: 8.94 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 59.8 | 49.1  | 73.7  |       |
| 101     | 10.6 | 8.5   | 12.7  |       |
| 130     | 23.8 | 13.4  | 20.0  |       |

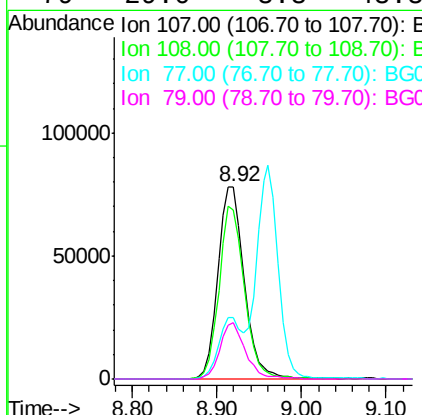
Manual Integrations  
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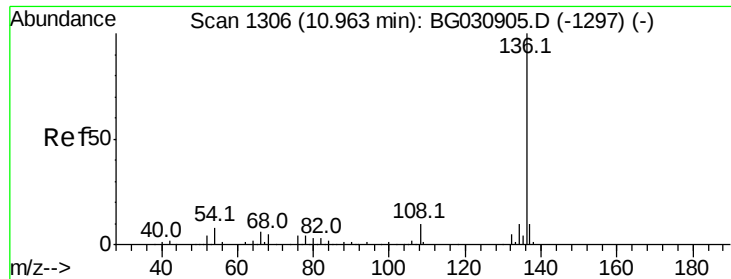
Sohil  
11/22/2017 4:35:26 PM



#20  
3+4-Methylphenols  
Concen: 34.180 ng  
RT: 8.92 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.6 | 61.6  | 101.6 |       |
| 77      | 32.3 | 13.9  | 53.9  |       |
| 79      | 29.0 | 8.8   | 48.8  |       |





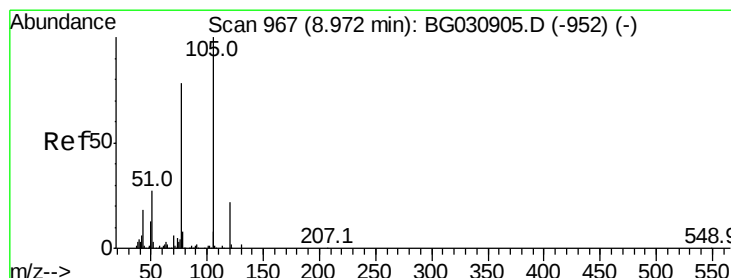
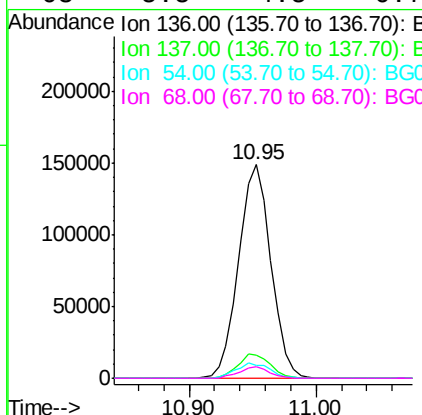
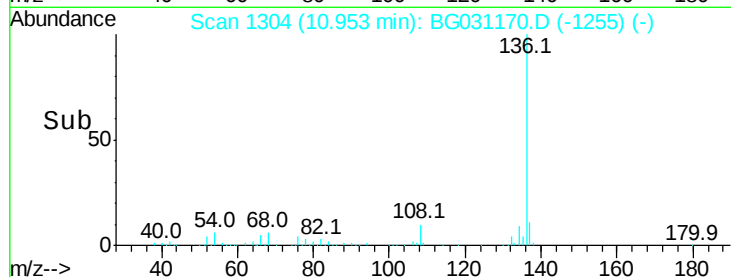
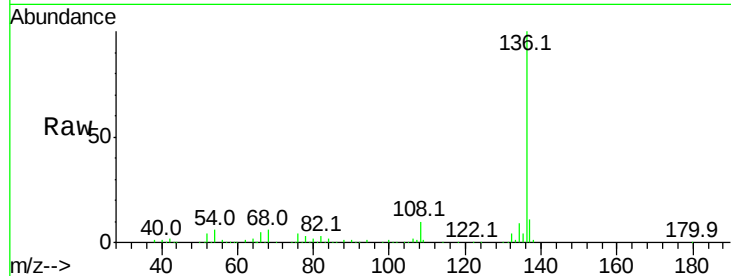
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.8  | 9.2        | 13.8  |
| 54      | 6.2   | 10.3       | 15.5# |
| 68      | 5.5   | 4.5        | 6.7   |

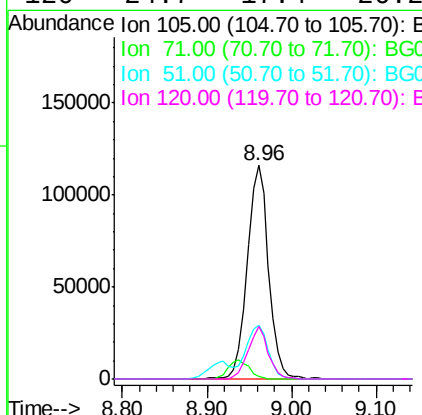
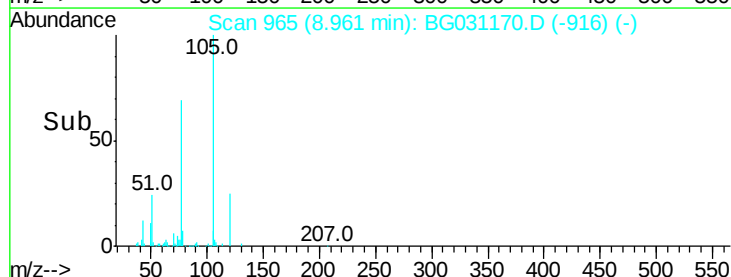
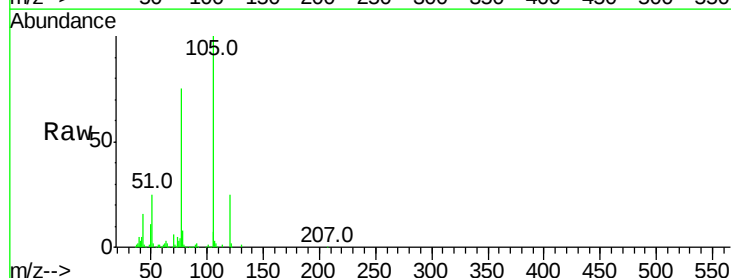
Manual Integrations  
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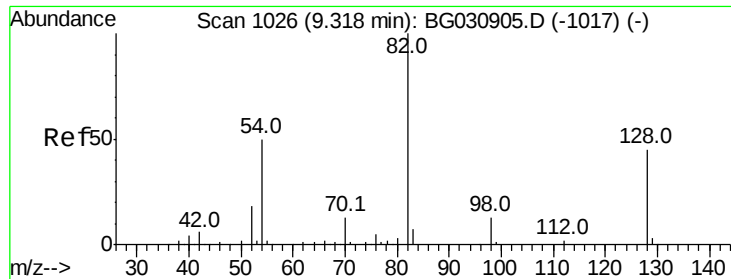
Sohil  
11/22/2017 4:35:26 PM



#22  
Acetophenone  
Concen: 31.288 ng  
RT: 8.96 min Scan# 965  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 1.1   | 3.0        | 4.4#  |
| 51      | 25.4  | 26.1       | 39.1# |
| 120     | 24.7  | 17.4       | 26.2  |





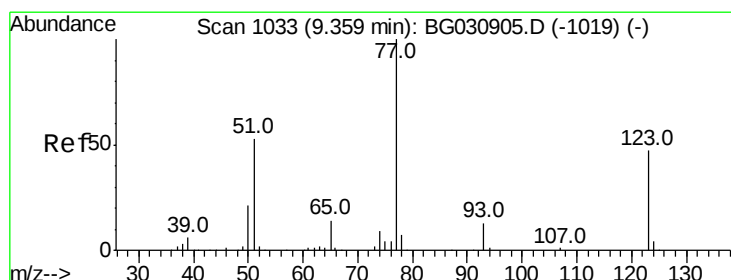
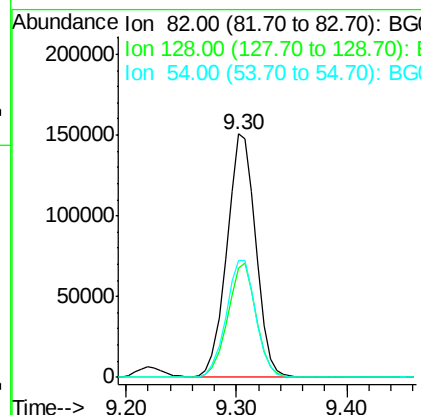
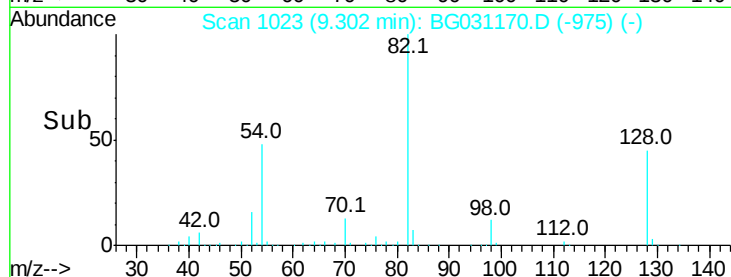
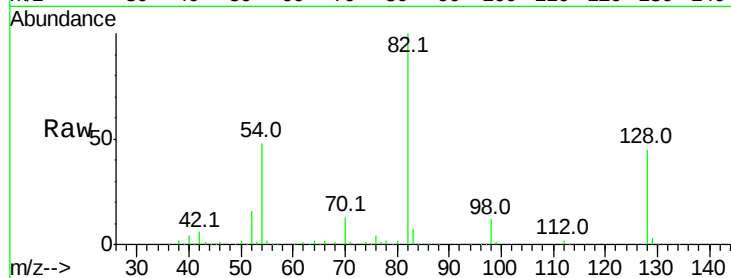
#23  
Nitrobenzene-d5  
Concen: 62.453 ng  
RT: 9.30 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.9  | 29.7  | 44.5# |
| 54      | 47.8  | 43.1  | 64.7  |

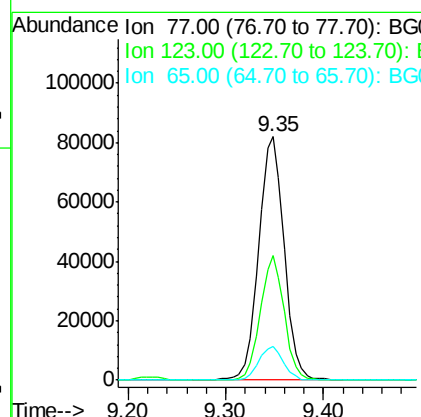
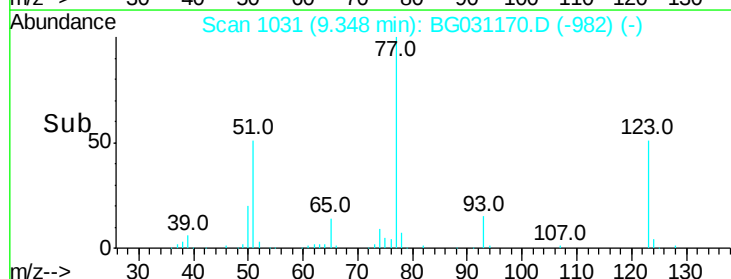
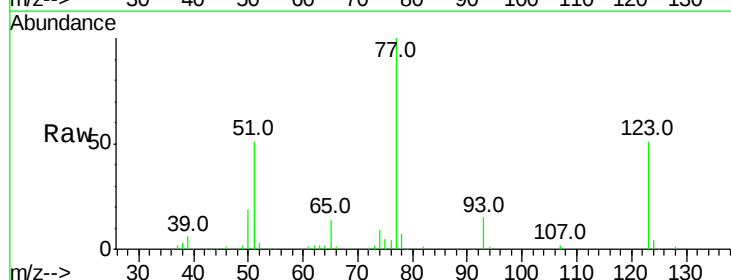
Manual Integrations  
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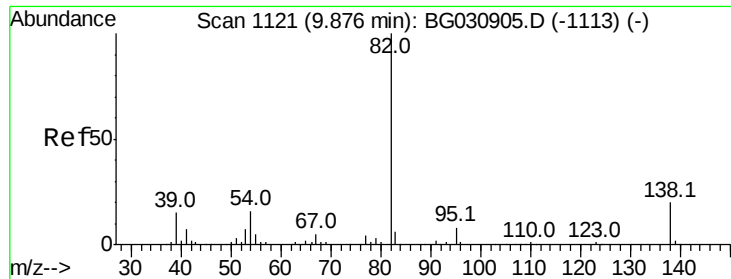
Sohil  
11/22/2017 4:35:26 PM



#24  
Nitrobenzene  
Concen: 33.316 ng  
RT: 9.35 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.0  | 33.0  | 49.6# |
| 65      | 14.0  | 13.0  | 19.6  |





#25

Isophorone

Concen: 32.737 ng

RT: 9.87 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

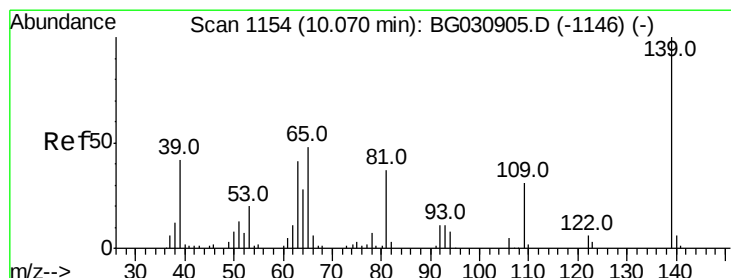
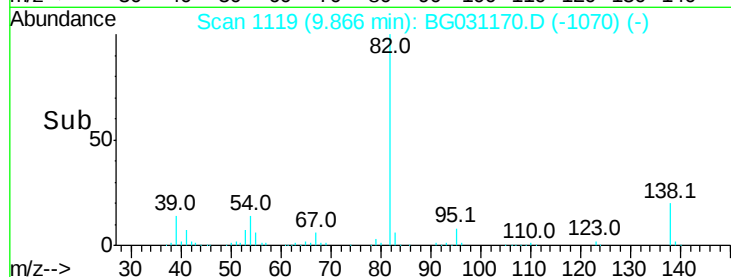
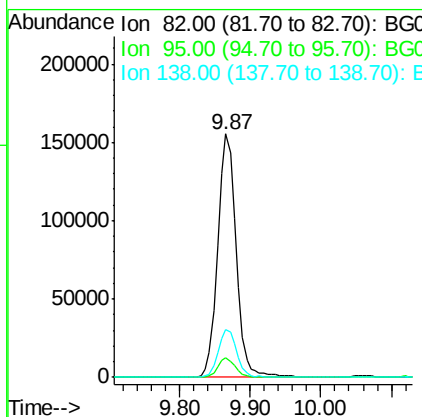
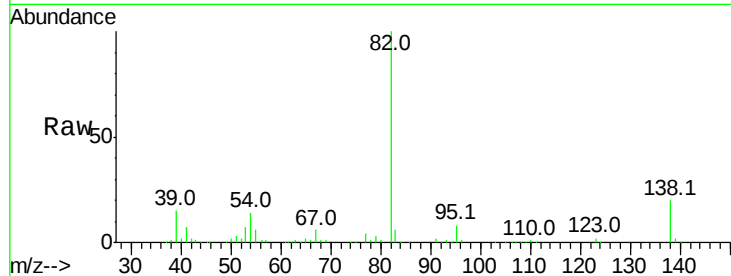
ClientSampleId :

PB104448BS

| Tot Ion   | 82    | Resp  | 282361 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.9   | 6.2   | 9.2    |
| 138       | 19.7  | 12.1  | 18.1#  |

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#26

2-Nitrophenol

Concen: 35.215 ng

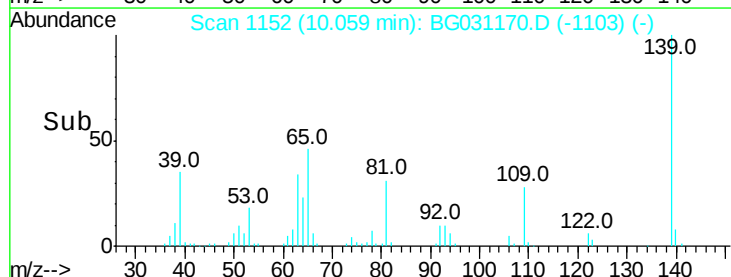
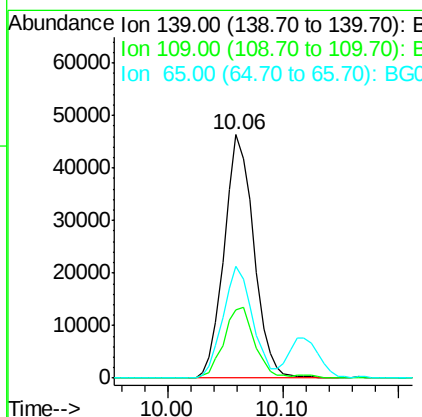
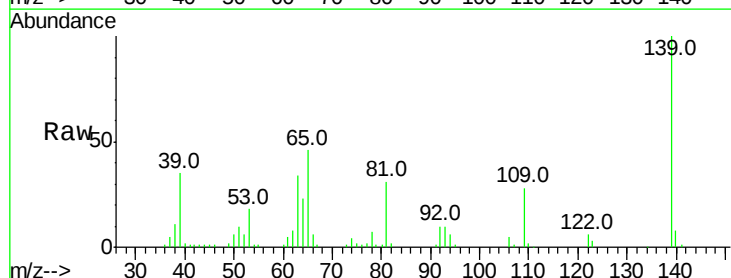
RT: 10.06 min Scan# 1152

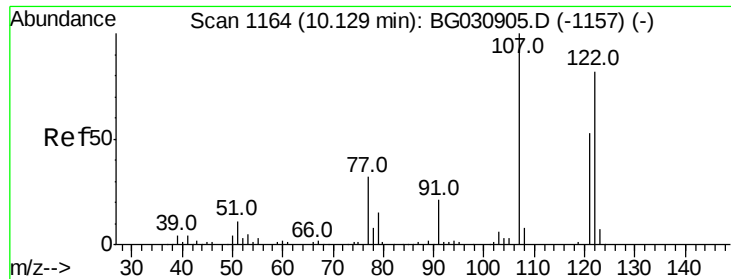
Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

| Tgt Ion   | 139   | Resp  | 82924 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 28.0  | 24.2  | 36.2  |
| 65        | 45.7  | 47.4  | 71.0# |





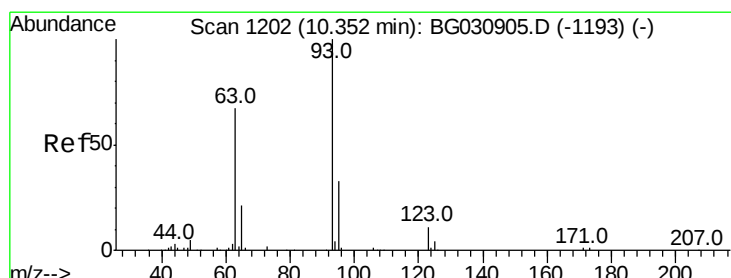
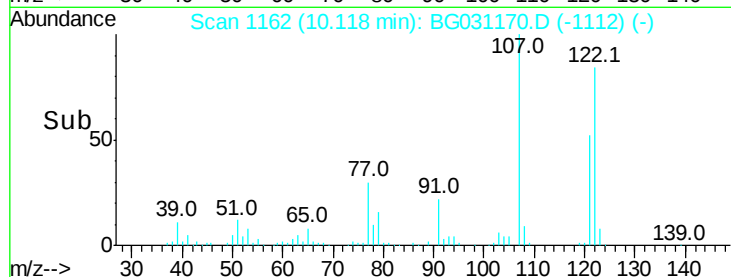
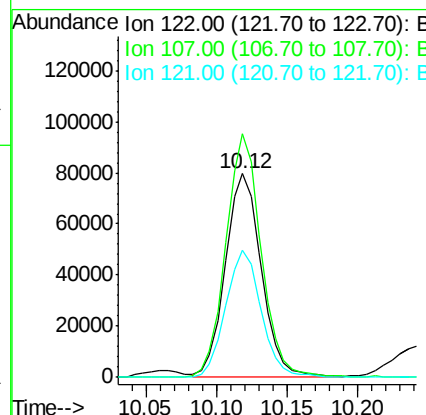
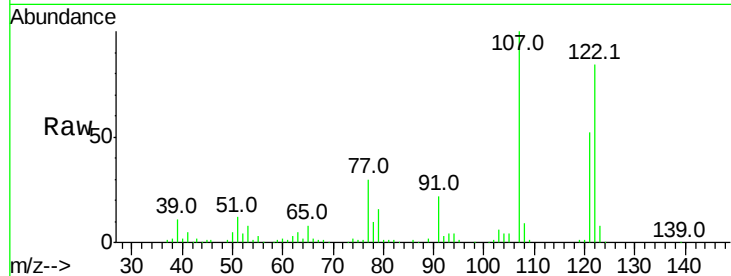
#27  
 2,4-Dimethylphenol  
 Concen: 40.029 ng  
 RT: 10.12 min Scan# 1162  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |       |
| 107     | 119.7 | 100.2 | 150.2 |       |       |
| 121     | 62.5  | 44.4  | 66.6  |       |       |

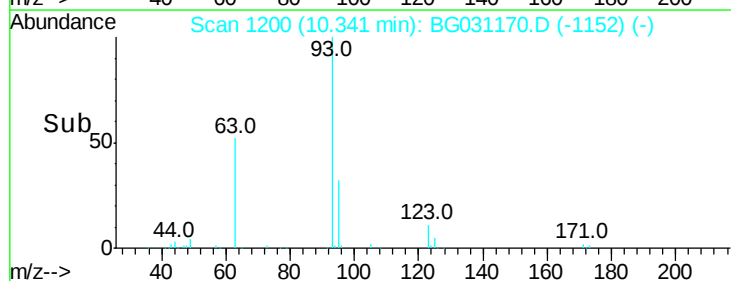
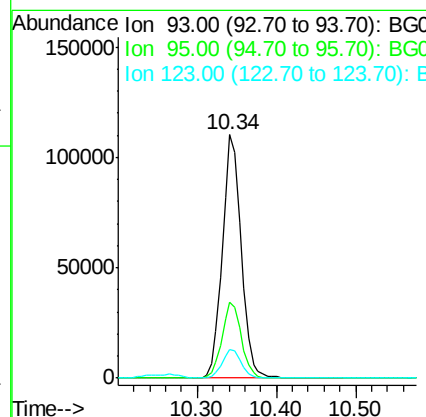
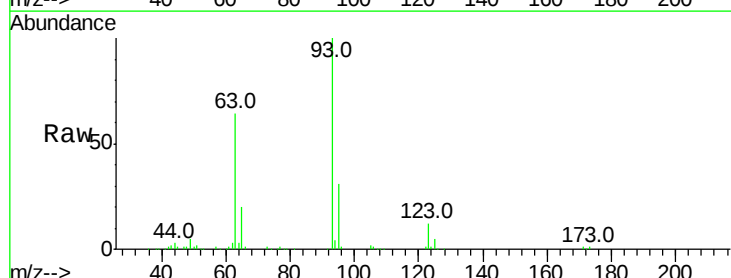
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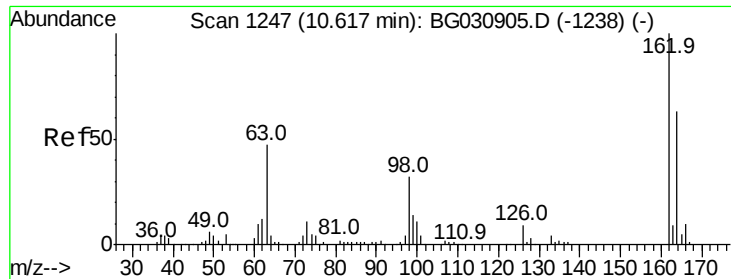
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 11/22/2017 4:35:26 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.446 ng  
 RT: 10.34 min Scan# 1200  
 Delta R.T. -0.02 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 95      | 31.4 | 24.3  | 36.5 |       |       |
| 123     | 11.7 | 8.4   | 12.6 |       |       |





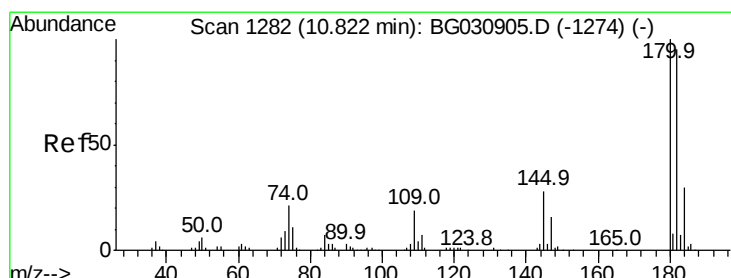
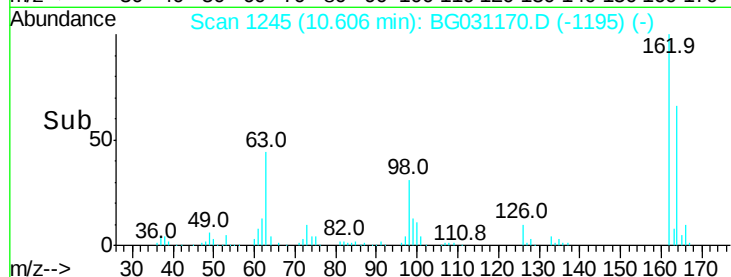
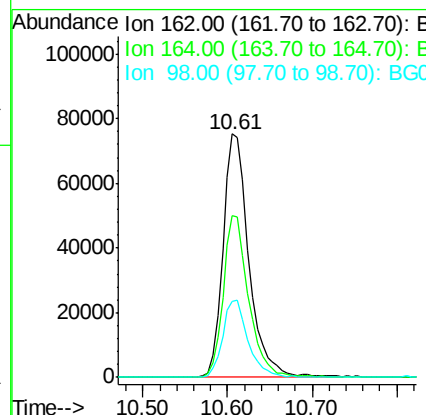
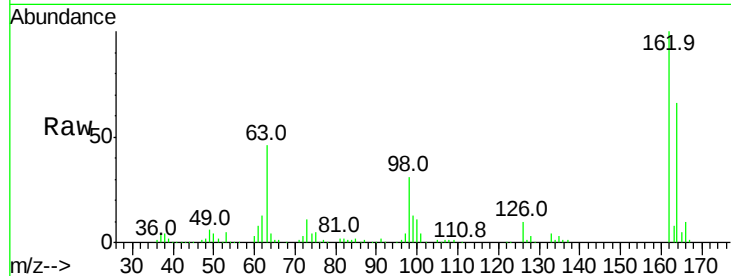
#29  
 2,4-Dichlorophenol  
 Concen: 38.000 ng  
 RT: 10.61 min Scan# 1245  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB104448BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 66.4  | 48.0       | 88.0  |
| 98      | 31.2  | 21.1       | 61.1  |

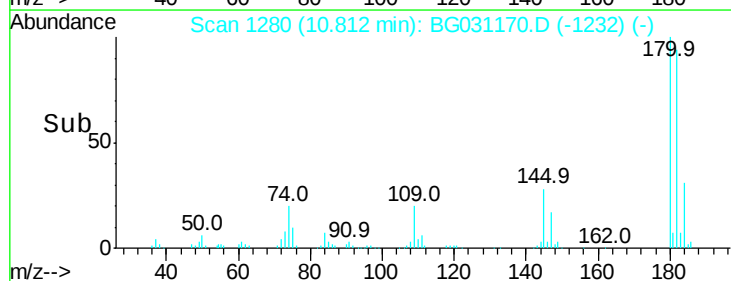
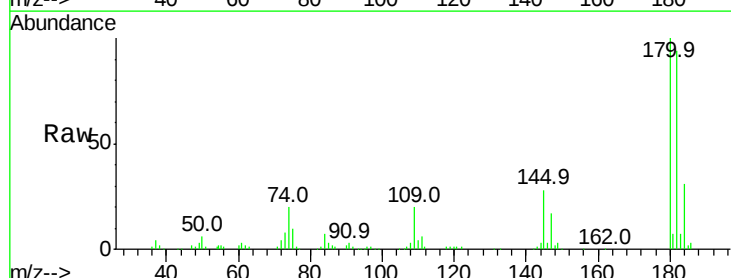
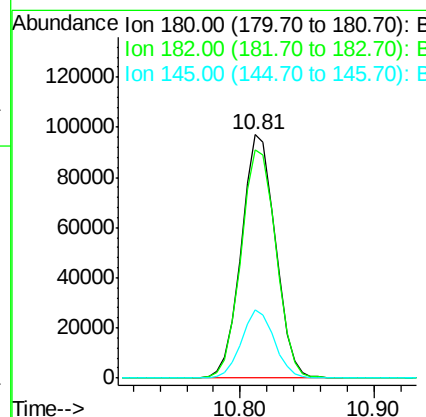
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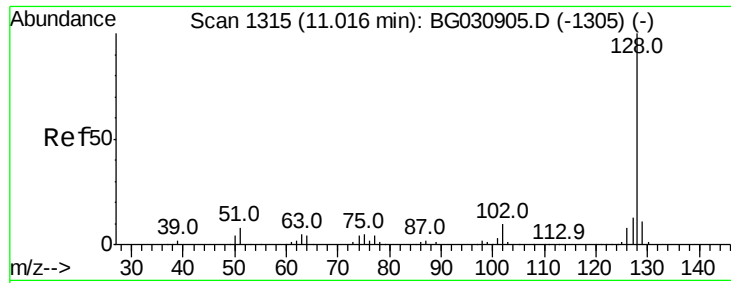
Sohil  
 11/22/2017 4:35:26 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.180 ng  
 RT: 10.81 min Scan# 1280  
 Delta R.T. -0.02 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.0  | 77.5       | 116.3 |
| 145     | 28.0  | 23.4       | 35.2  |





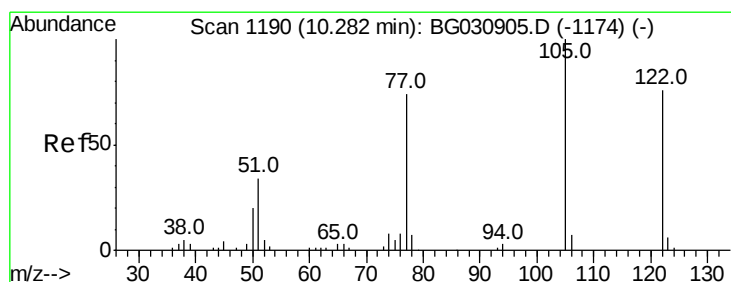
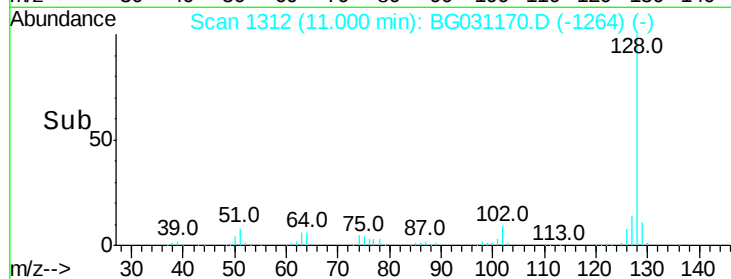
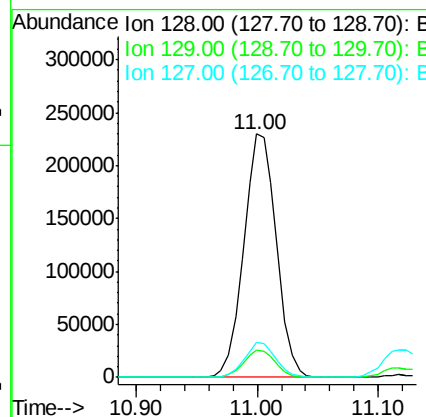
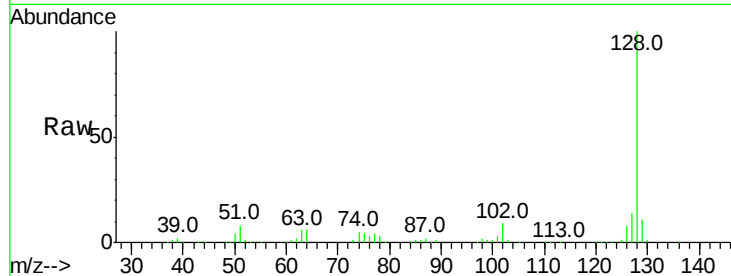
#31  
Naphthalene  
Concen: 33.327 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 8.6   | 12.8  |
| 127     | 14.2  | 11.6  | 17.4  |

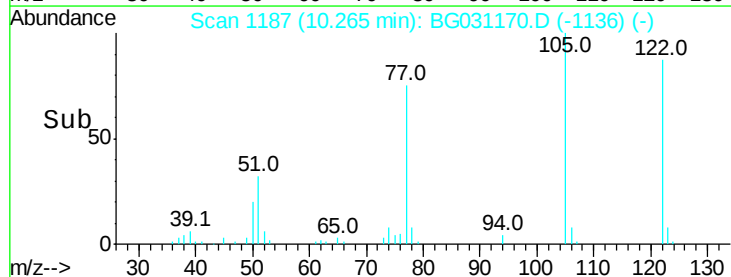
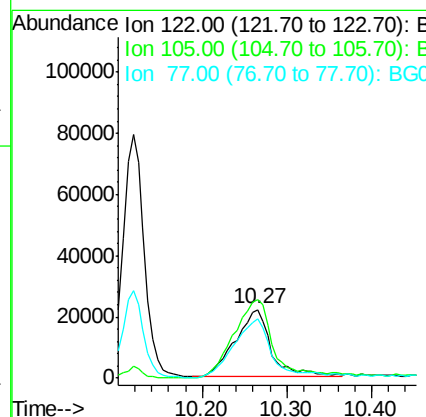
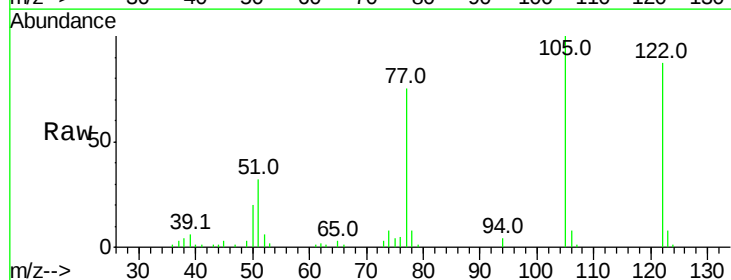
Manual Integrations  
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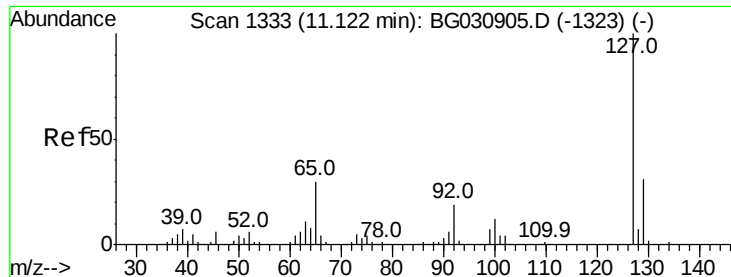
Sohil  
11/22/2017 4:35:26 PM



#32  
Benzoic acid  
Concen: 25.570 ng  
RT: 10.27 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 114.7 | 123.5 | 163.5# |
| 77      | 86.1  | 85.7  | 125.7  |





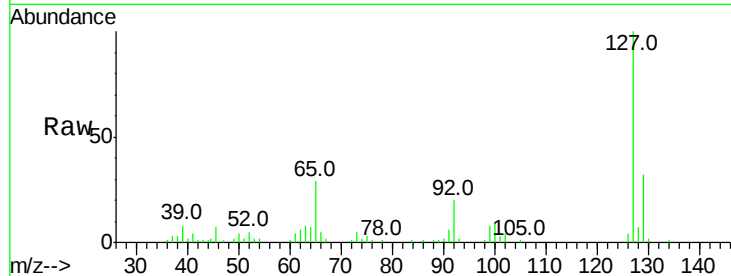
#33  
4-Chloroaniline  
Concen: 11.157 ng  
RT: 11.12 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

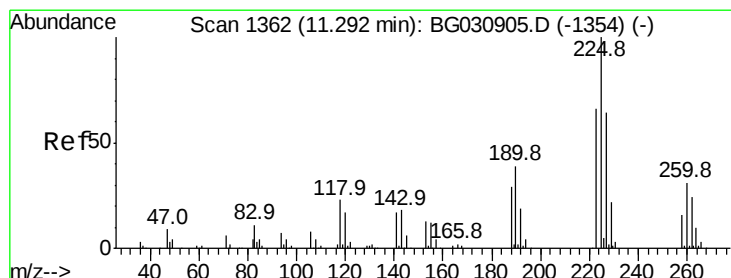
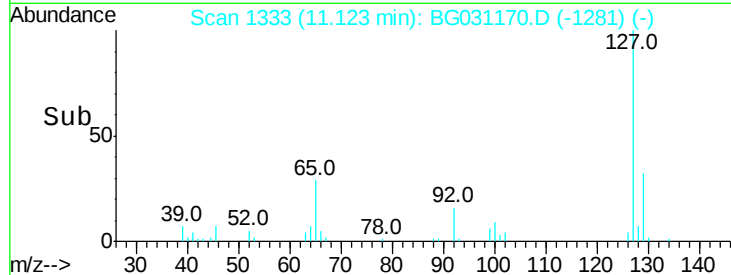
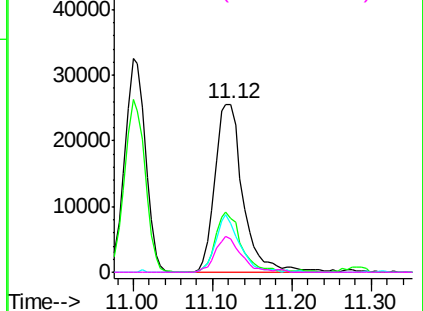
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.1 | 24.0  | 36.0 |       |       |
| 65      | 29.1 | 27.0  | 40.4 |       |       |
| 92      | 20.1 | 16.6  | 25.0 |       |       |

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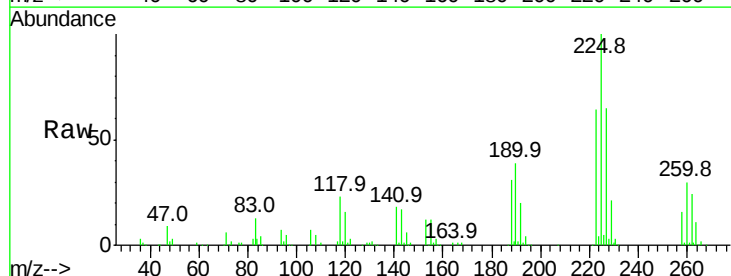


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

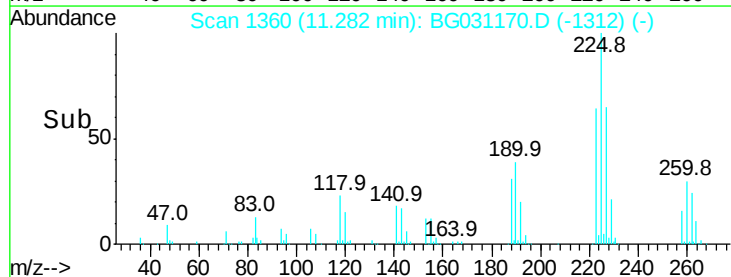
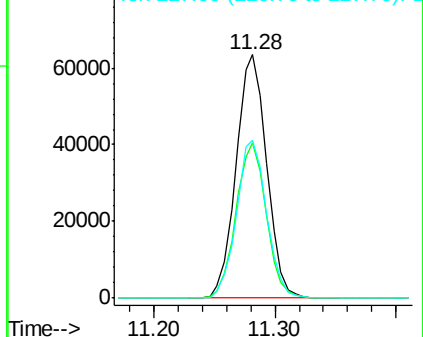


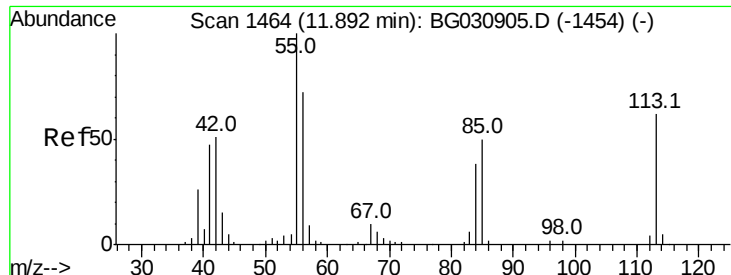
#34  
Hexachlorobutadiene  
Concen: 32.231 ng  
RT: 11.28 min Scan# 1360  
Delta R.T. -0.02 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.9 | 49.7  | 74.5 |       |       |
| 227     | 65.1 | 48.1  | 72.1 |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





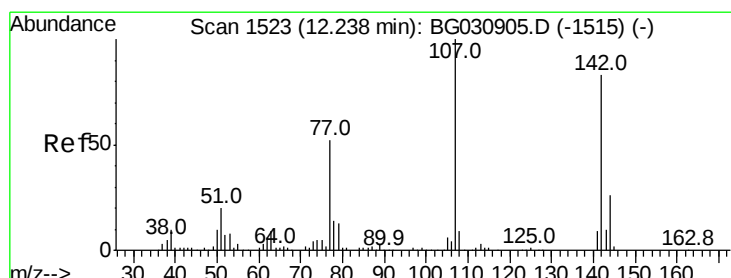
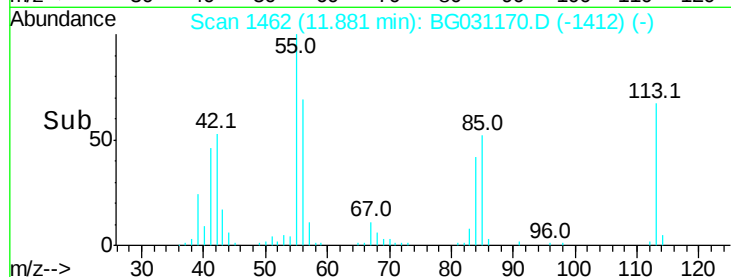
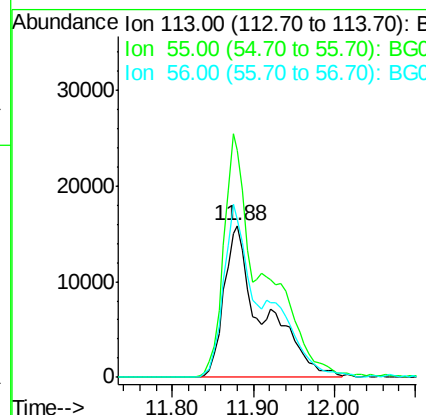
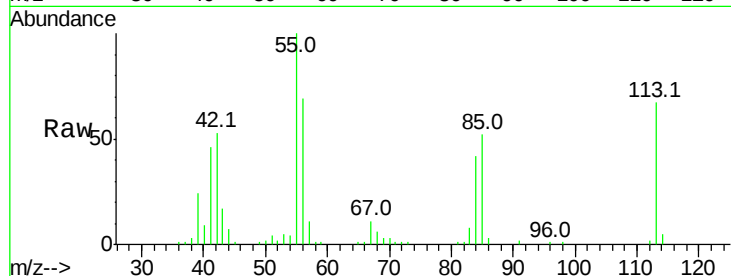
#35  
 Caprolactam  
 Concen: 31.125 ng/ml  
 RT: 11.88 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 149.8 | 186.9 | 226.9# |
| 56      | 103.8 | 130.9 | 170.9# |

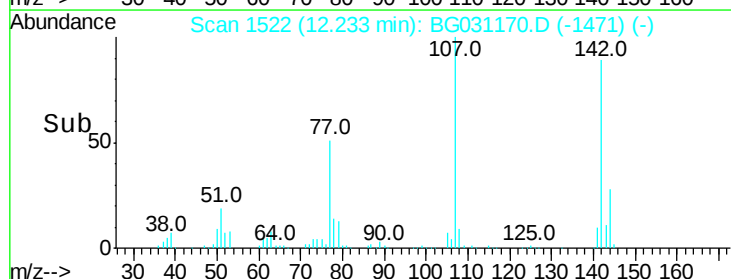
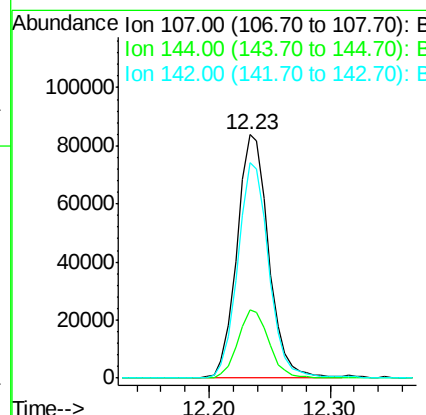
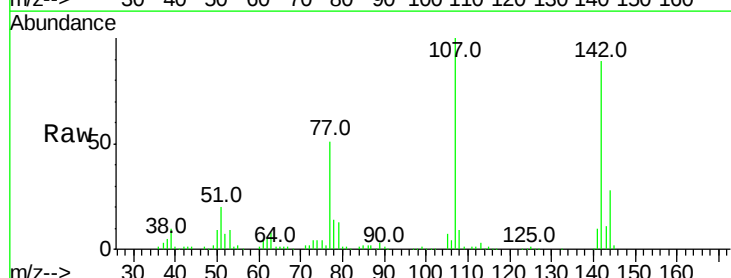
Manual Integrations  
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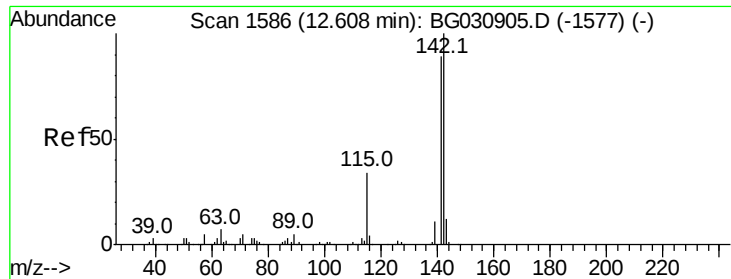
Sohil  
 11/22/2017 4:35:26 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 33.563 ng/ml  
 RT: 12.23 min Scan# 1522  
 Delta R.T. -0.00 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.8  | 18.2  | 27.4# |
| 142     | 88.6  | 59.0  | 88.4# |





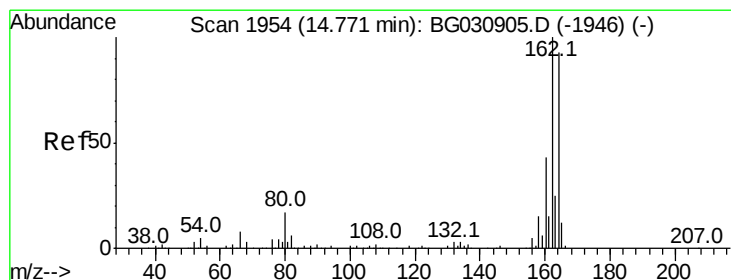
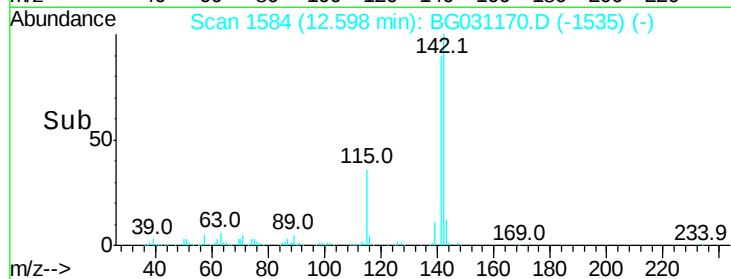
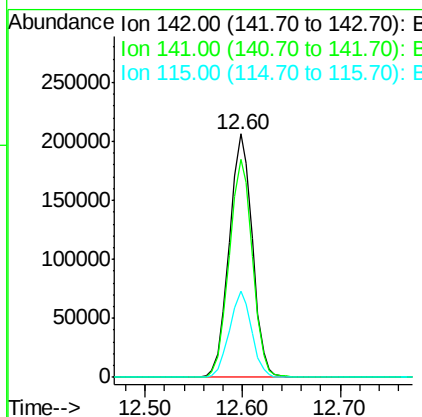
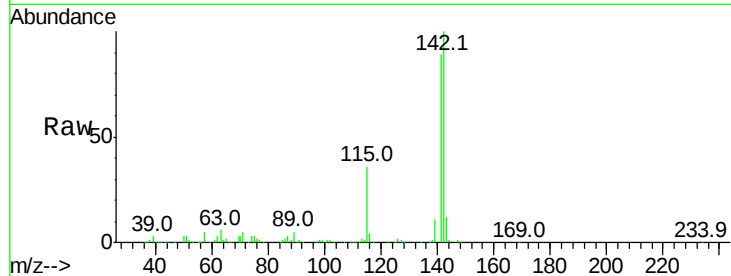
#37  
2-Methylnaphthalene  
Concen: 34.139 ng  
RT: 12.60 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 142     | 100   |      |       |       |
| 141     | 89.4  | 67.1 | 100.7 |       |
| 115     | 35.6  | 30.7 | 46.1  |       |

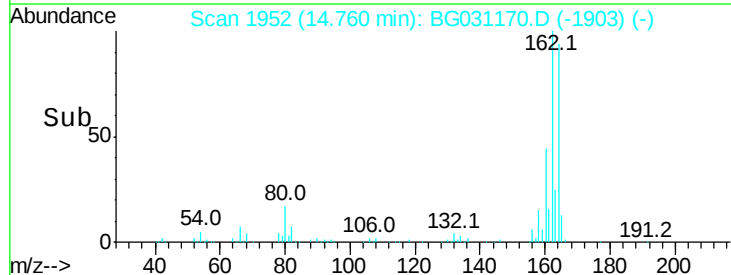
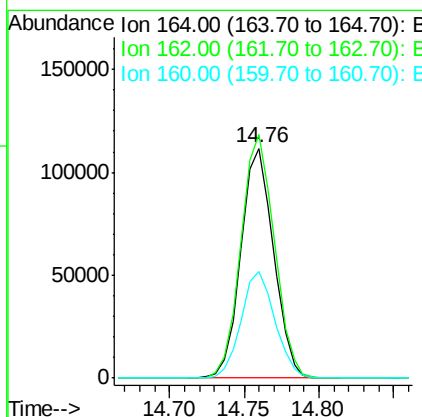
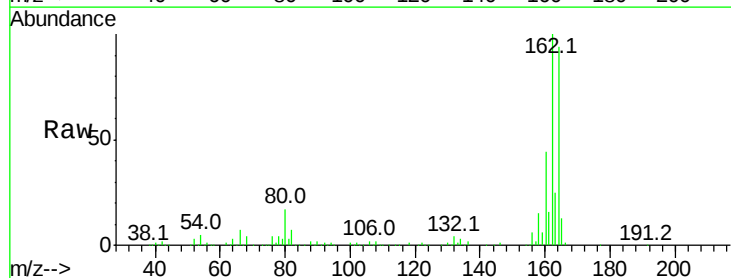
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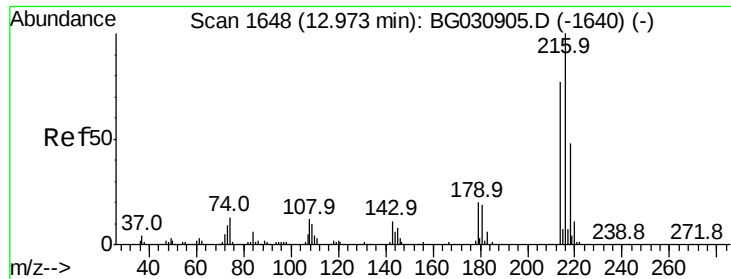
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.76 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 106.0 | 78.8 | 118.2 |       |
| 160     | 46.4  | 35.4 | 53.0  |       |





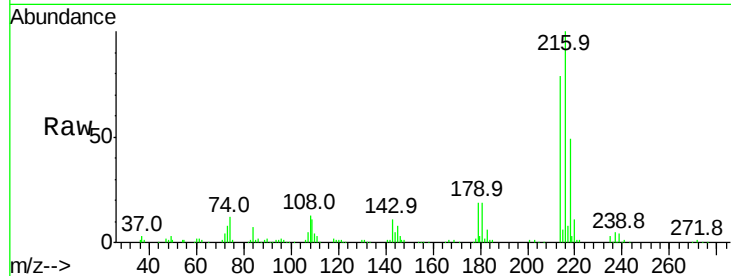
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 31.864 ng  
 RT: 12.96 min Scan# 1646  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

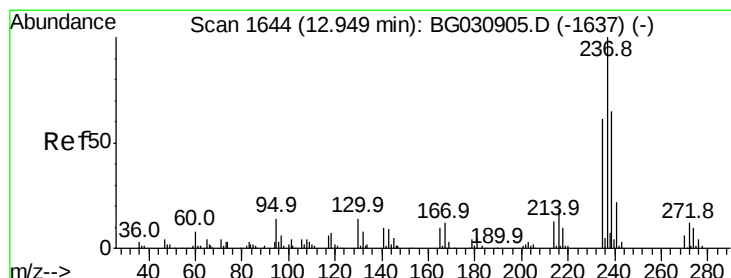
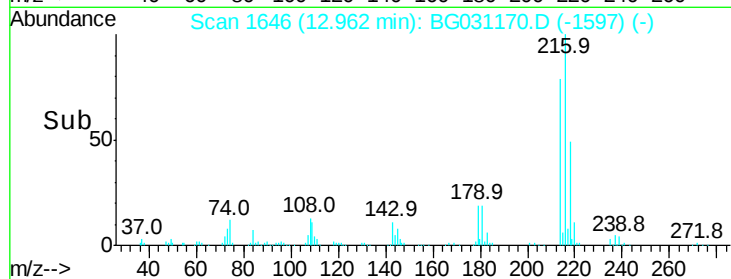
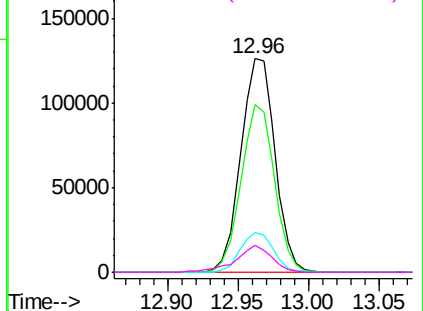
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 76.8  | 63.0       | 94.4  |
| 179     | 18.1  | 17.0       | 25.6  |
| 108     | 13.2  | 12.8       | 19.2  |

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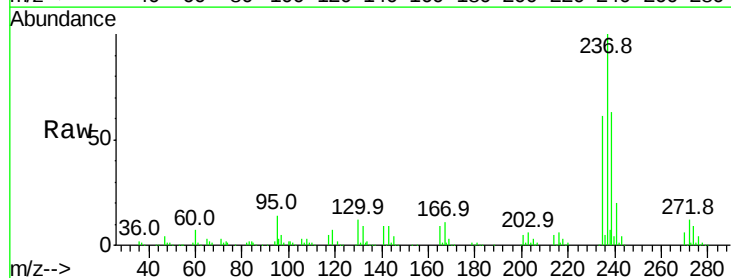


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

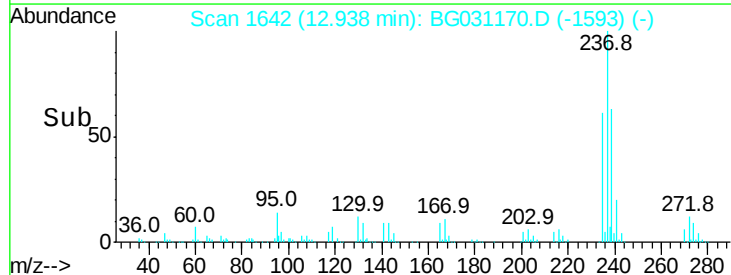
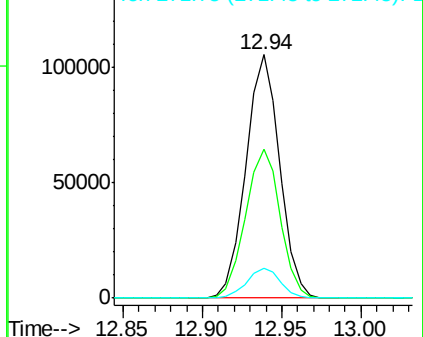


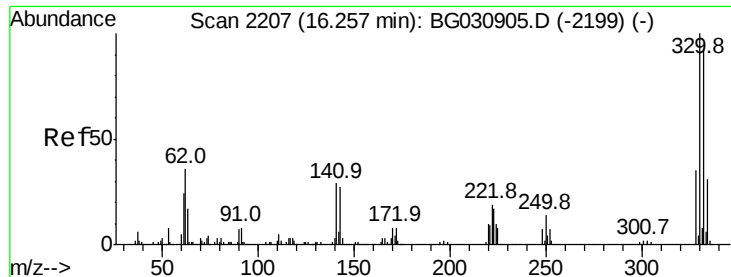
#40  
 Hexachlorocyclopentadiene  
 Concen: 65.287 ng  
 RT: 12.94 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.1  | 50.4       | 90.4  |
| 272     | 12.2  | 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





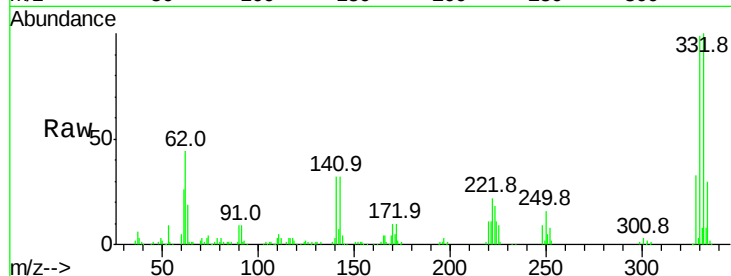
#41  
 2,4,6-Tribromophenol  
 Concen: 51.655 ng  
 RT: 16.25 min Scan# 2205  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 141108 |       |       |
| 332     | 98.6  | 77.0   | 115.6 |       |
| 141     | 34.7  | 25.2   | 37.8  |       |

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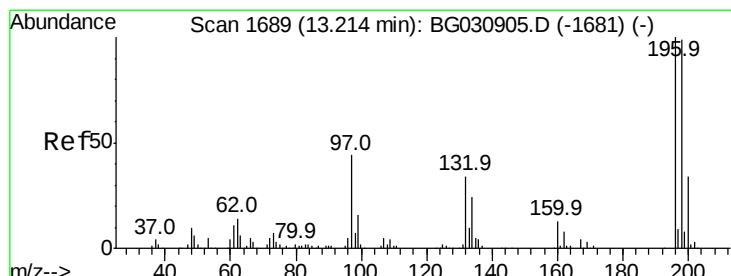
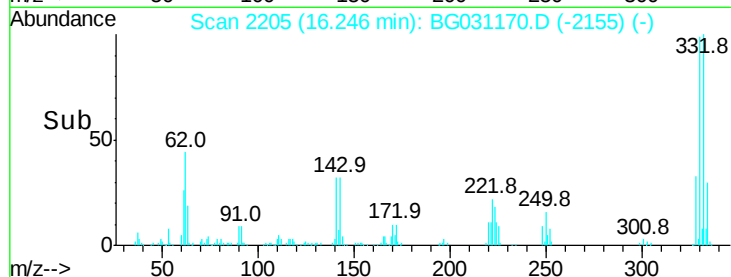
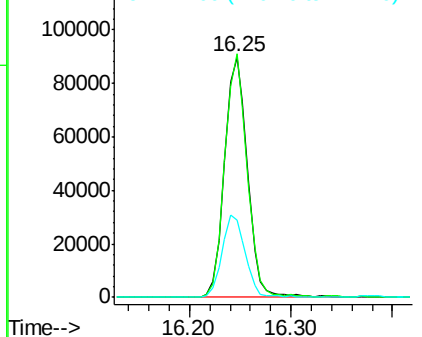


Abundance

Ion 329.80 (329.50 to 330.50): E

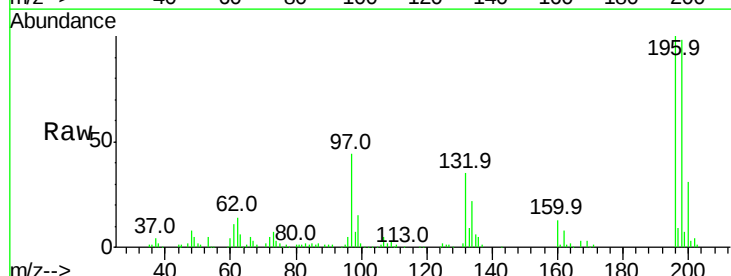
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 36.200 ng  
 RT: 13.20 min Scan# 1687  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 138699 |       |       |
| 198     | 97.8  | 78.2   | 117.2 |       |
| 200     | 31.3  | 24.6   | 36.8  |       |

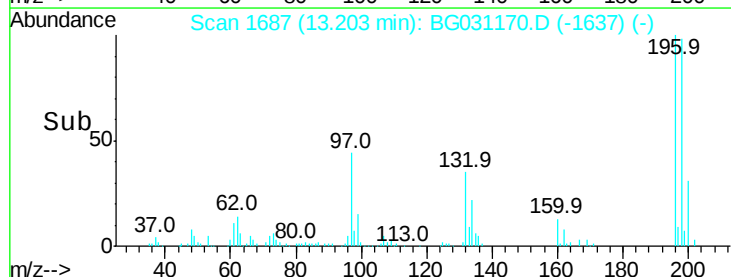
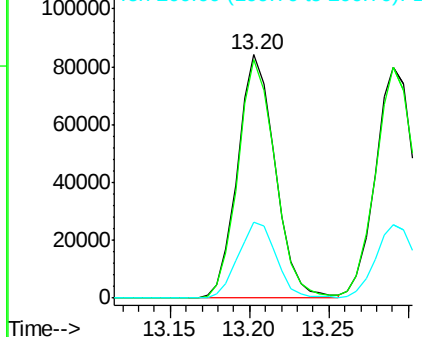


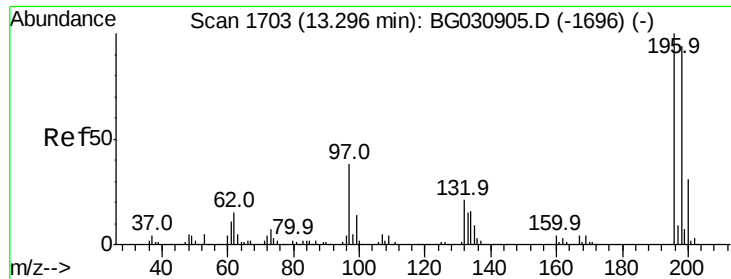
Abundance

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





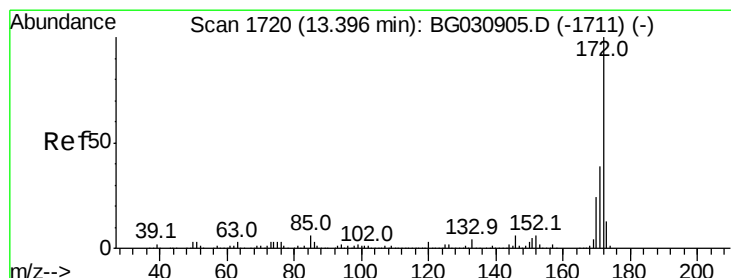
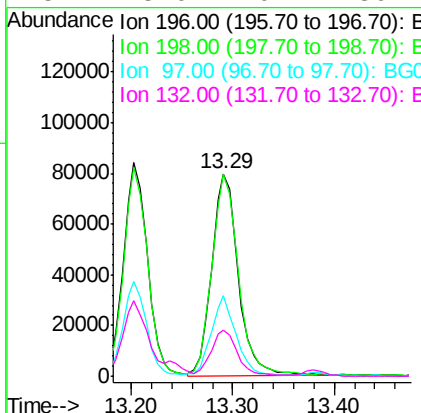
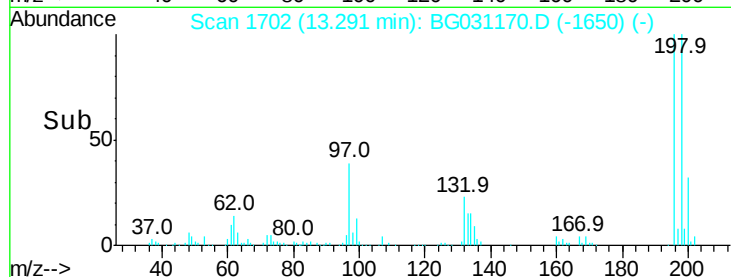
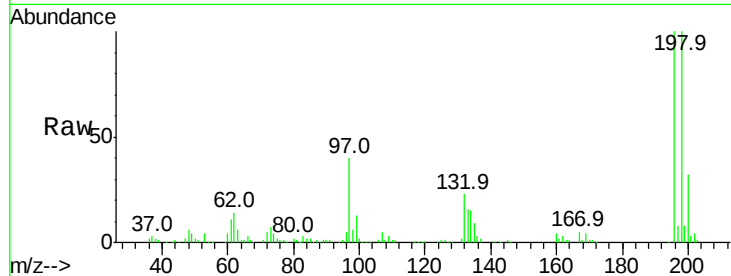
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.336 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 143941 |       |       |
| 198     | 99.6  | 76.2   | 114.4 |       |
| 97      | 39.6  | 38.7   | 58.1  |       |
| 132     | 23.0  | 20.2   | 30.2  |       |

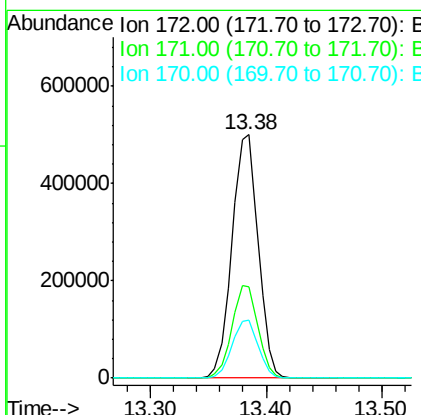
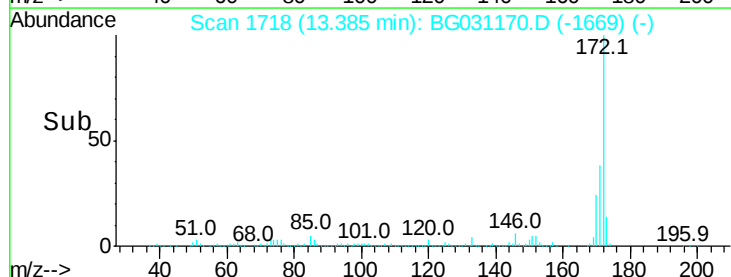
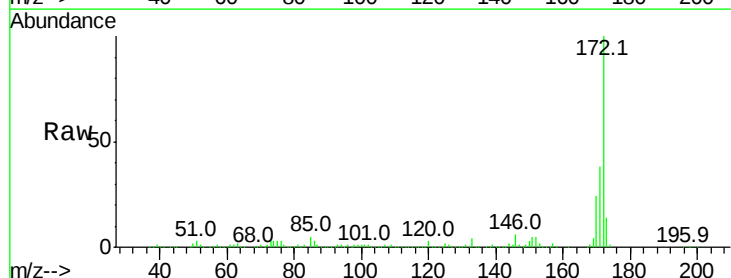
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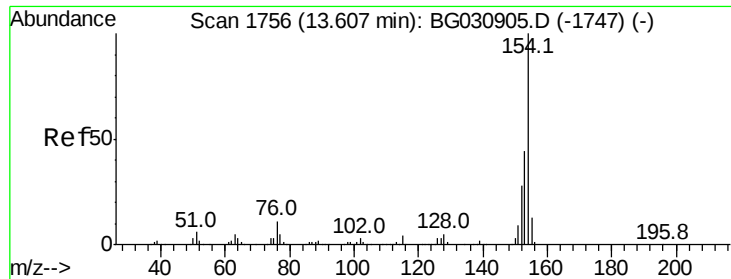
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#44  
 2-Fluorobiphenyl  
 Concen: 66.806 ng  
 RT: 13.38 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 785136 |       |       |
| 171     | 37.6  | 30.0   | 45.0  |       |
| 170     | 24.0  | 19.5   | 29.3  |       |





#45

1,1'-Biphenyl

Concen: 32.421 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

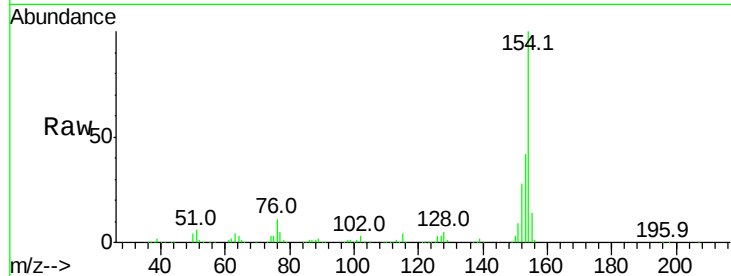
ClientSampleId :

PB104448BS

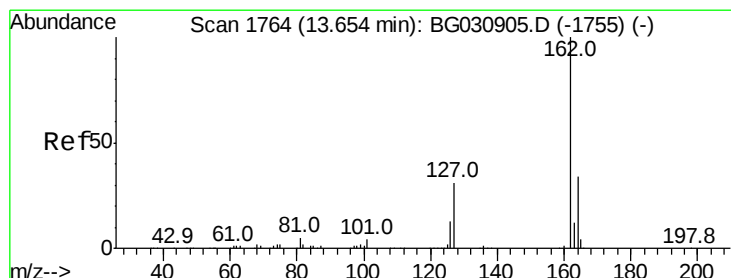
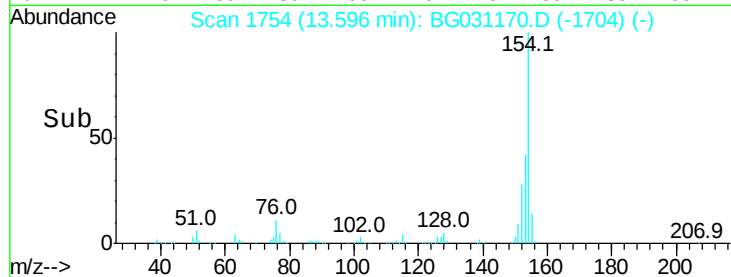
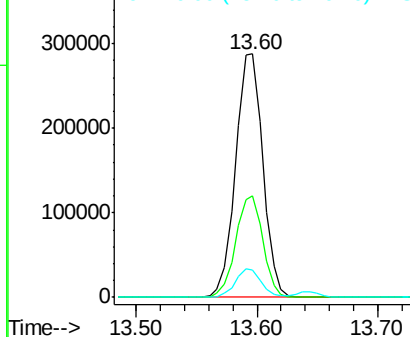
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 454000 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.8  | 19.8  | 59.8   |
| 76        | 11.2  | 0.0   | 31.9   |

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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): B



#46

2-Chloronaphthalene

Concen: 36.140 ng

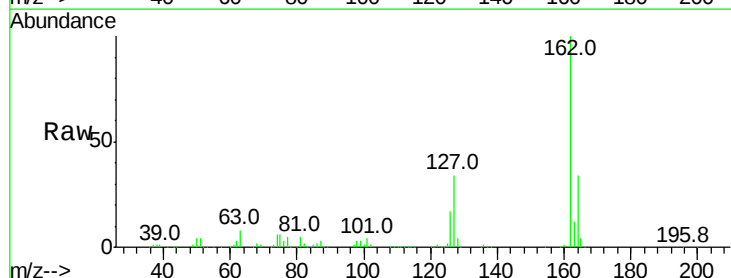
RT: 13.64 min Scan# 1762

Delta R.T. -0.01 min

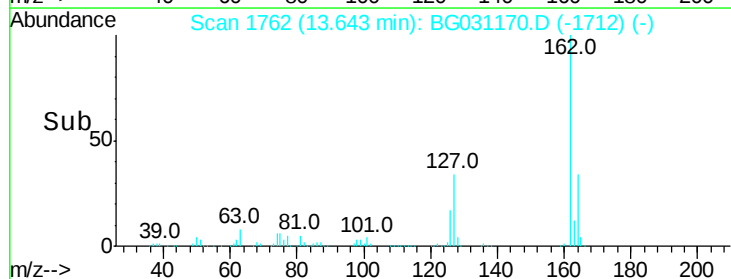
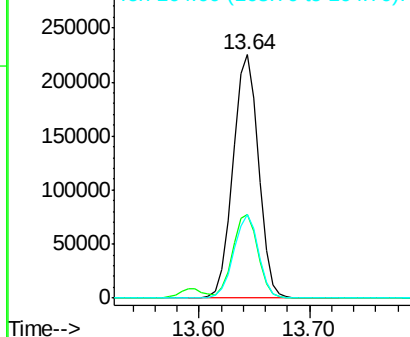
Lab File: BG031170.D

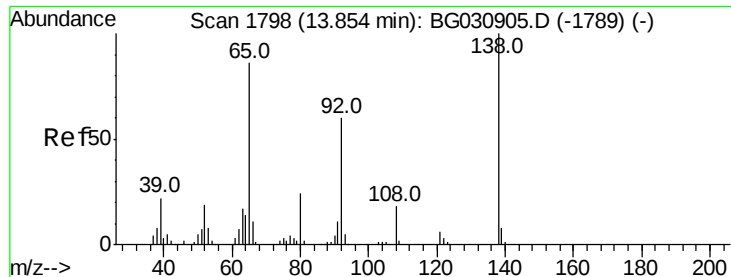
Acq: 22 Nov 2017 2:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 365138 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 34.1  | 30.7  | 46.1   |
| 164       | 34.2  | 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: 33.252 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

ClientSampleId :

PB104448BS

Tot Ion: 65 Resp: 99578

Ion Ratio Lower Upper

65 100

92 71.2 54.6 82.0

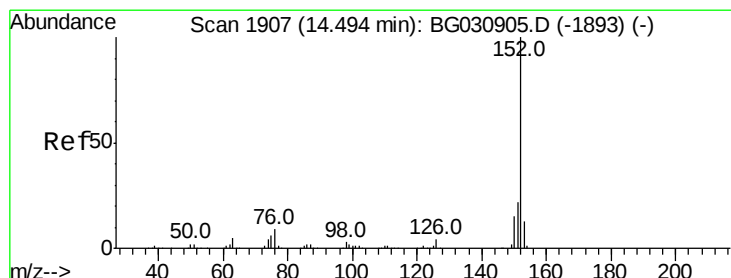
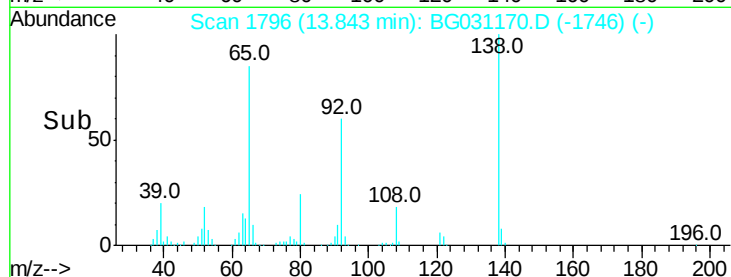
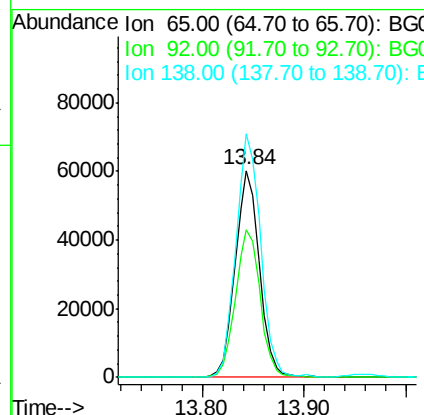
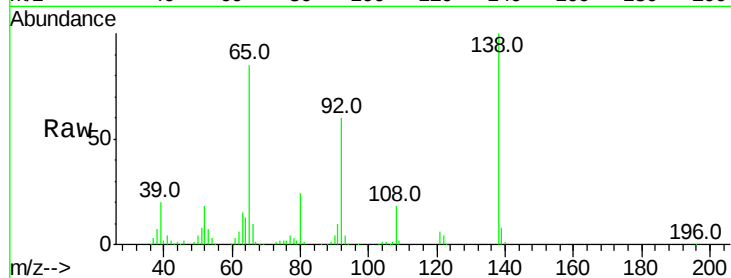
138 117.8 72.9 109.3#

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#48

Acenaphthylene

Concen: 33.777 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

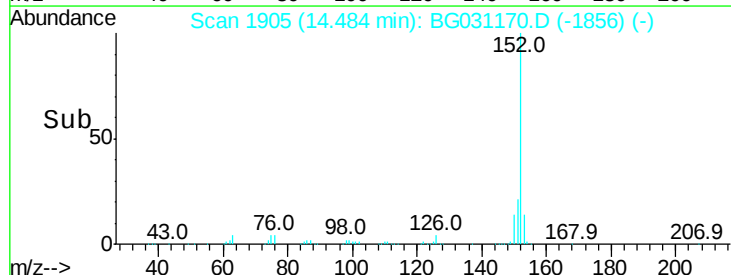
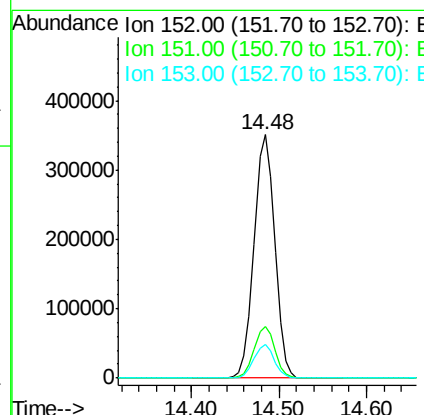
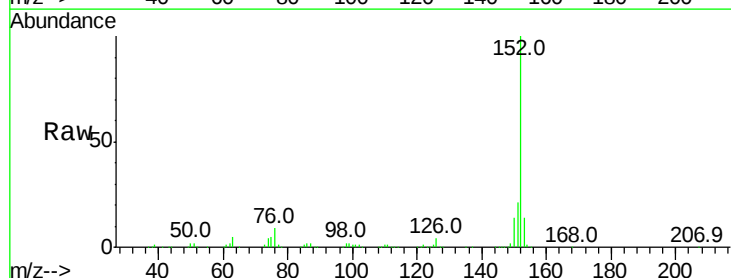
Tgt Ion: 152 Resp: 558552

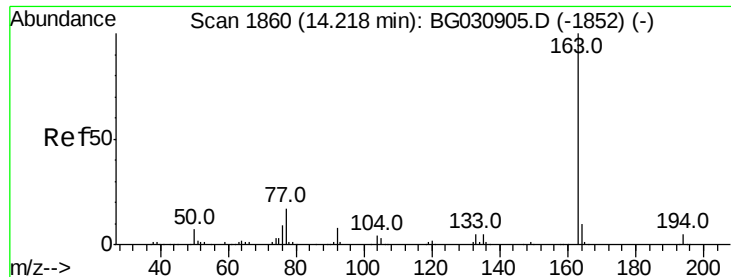
Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 33.249 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

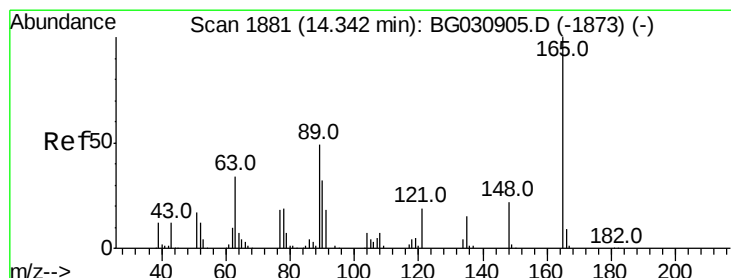
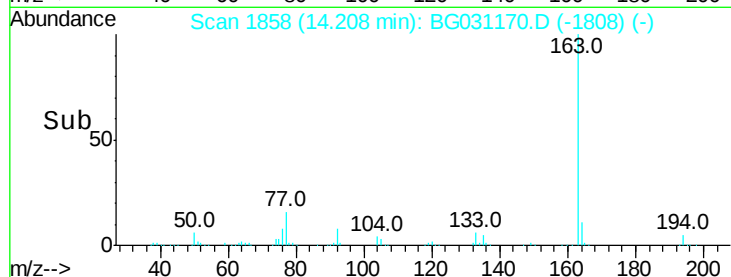
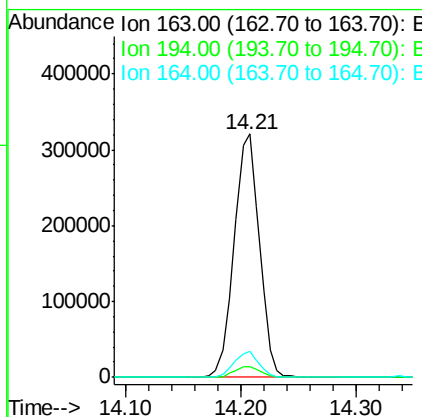
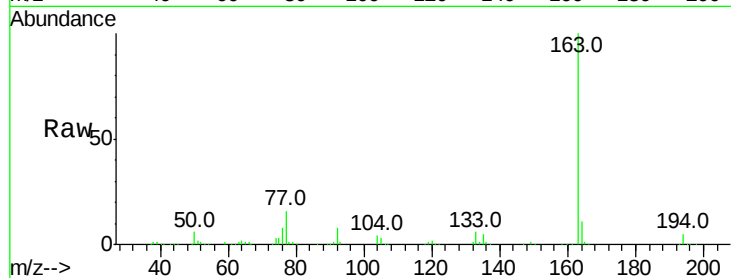
ClientSampleId :

PB104448BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 485464 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.4   | 5.2    |
| 164       | 10.6  | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 35.089 ng

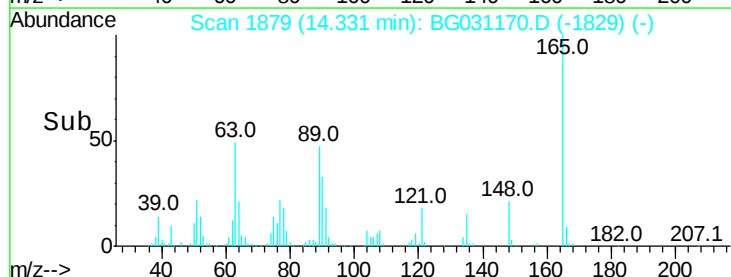
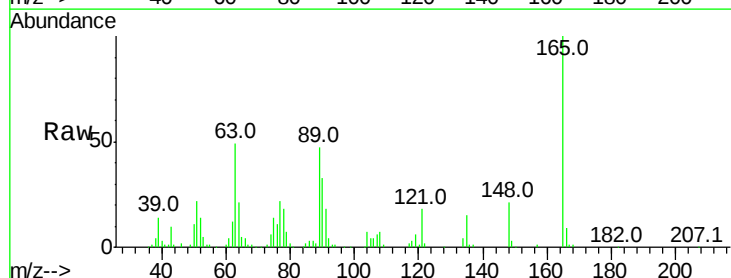
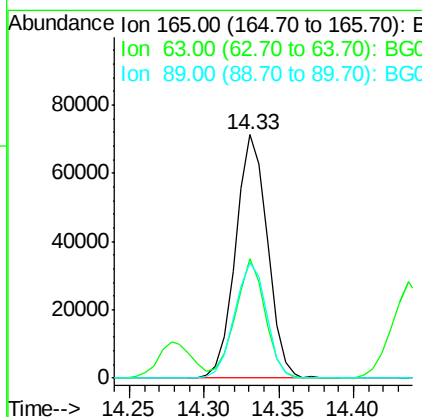
RT: 14.33 min Scan# 1879

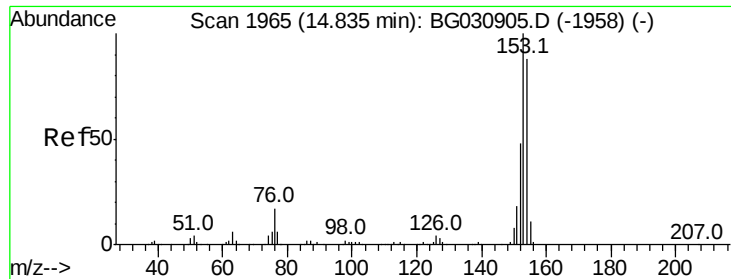
Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 105599 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 49.0  | 52.7  | 79.1#  |
| 89        | 47.3  | 49.2  | 73.8#  |





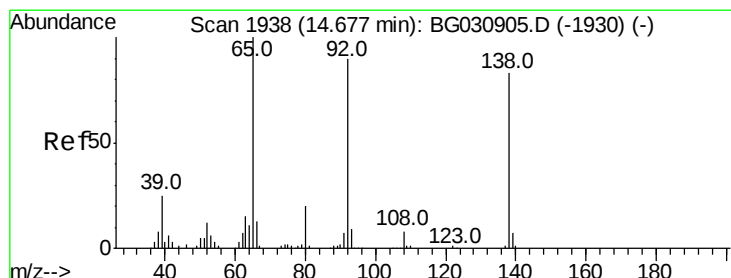
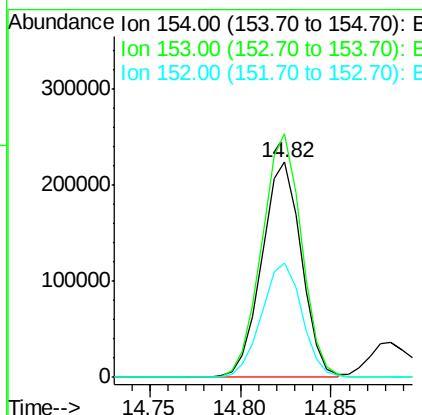
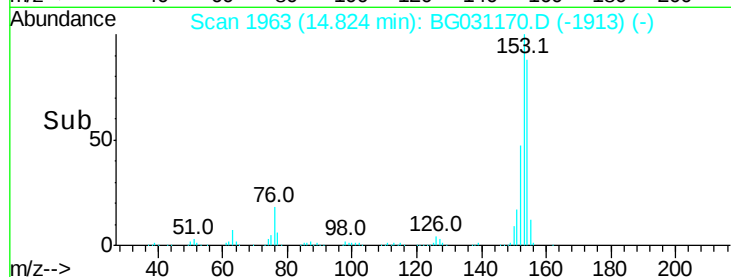
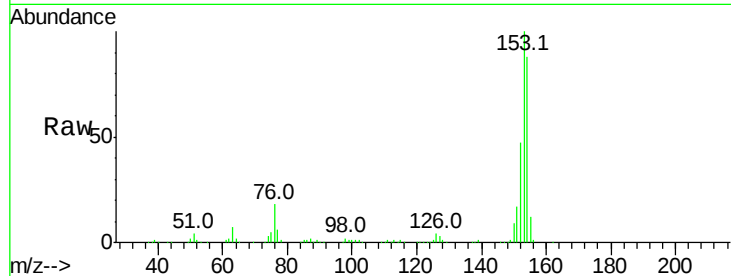
#51  
Acenaphthene  
Concen: 32.930 ng  
RT: 14.82 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.2 | 90.4  | 135.6 |
| 152     | 53.1  | 41.6  | 62.4  |

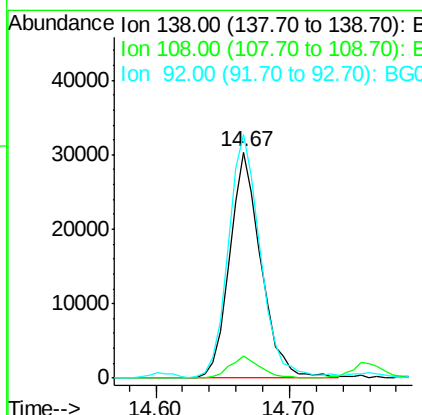
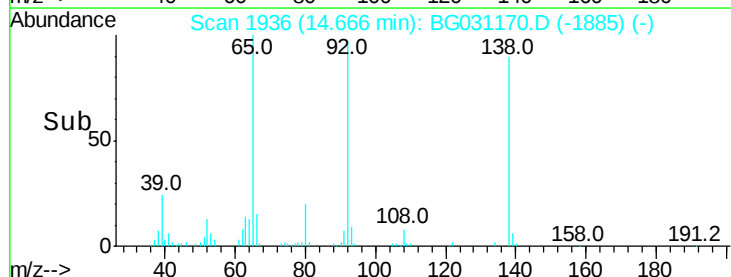
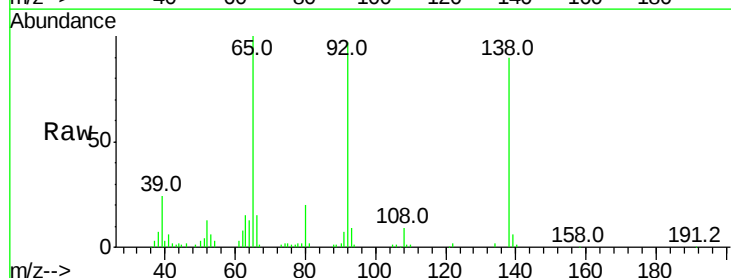
Manual Integrations  
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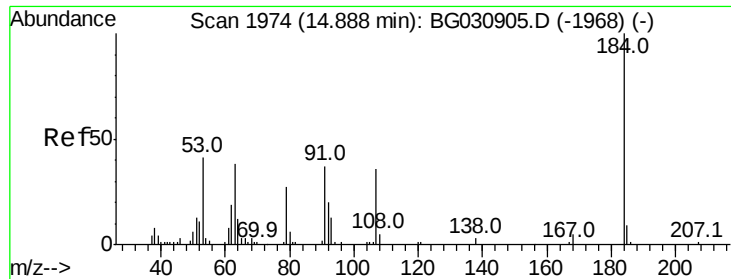
Sohil  
11/22/2017 4:35:26 PM



#52  
3-Nitroaniline  
Concen: 15.510 ng  
RT: 14.67 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.6   | 17.5  | 26.3# |
| 92      | 107.9 | 105.8 | 158.8 |





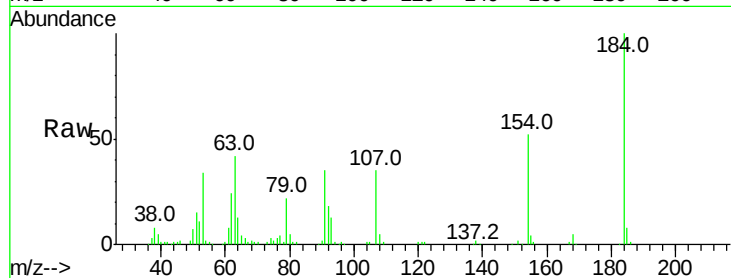
#53  
2,4-Dinitrophenol  
Concen: 77.302 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

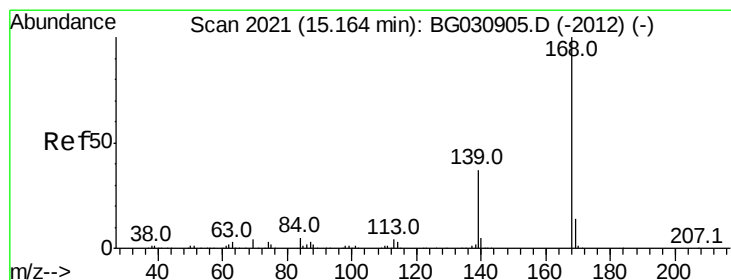
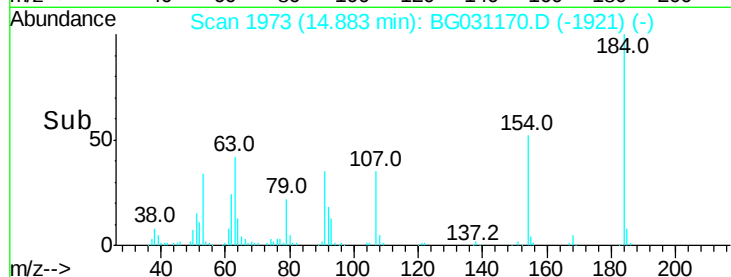
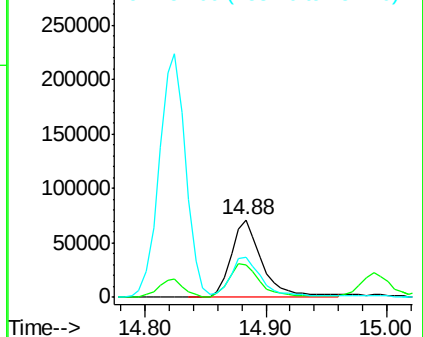
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 42.4  | 59.8  | 89.8#  |
| 154     | 51.6  | 101.8 | 152.8# |

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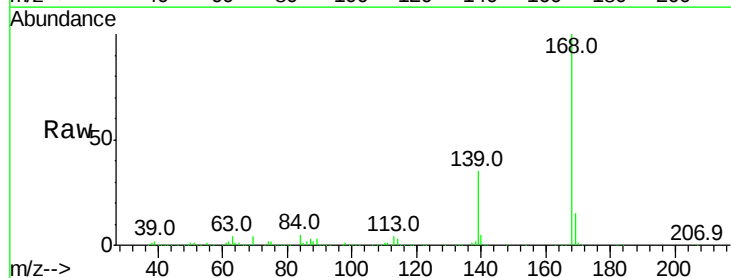


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGO  
Ion 154.00 (153.70 to 154.70): E

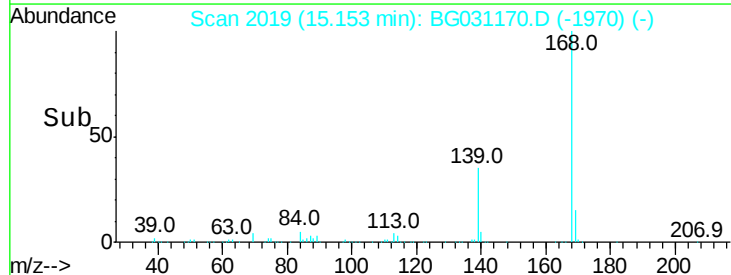
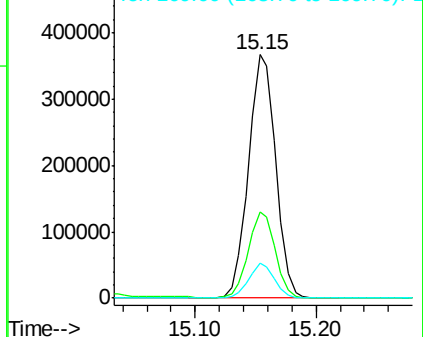


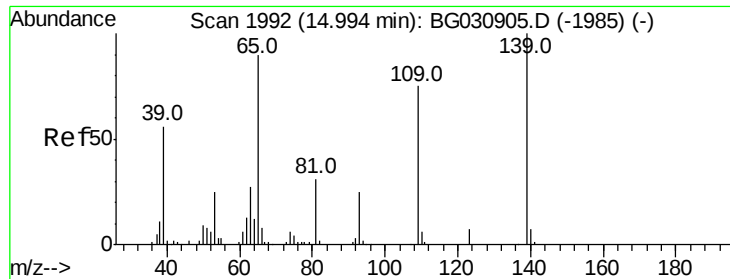
#54  
Dibenzofuran  
Concen: 34.960 ng  
RT: 15.15 min Scan# 2019  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.2  | 28.6  | 43.0  |
| 169     | 14.6  | 11.2  | 16.8  |



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





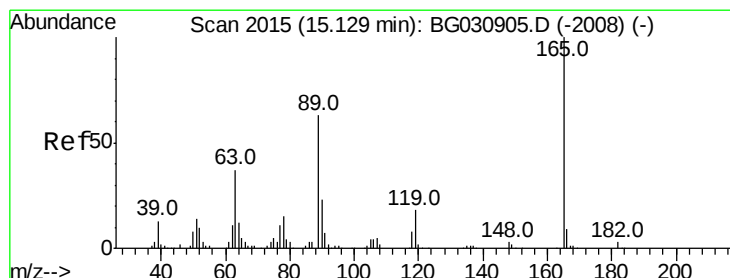
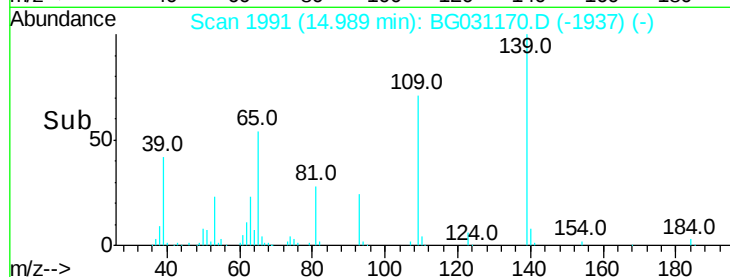
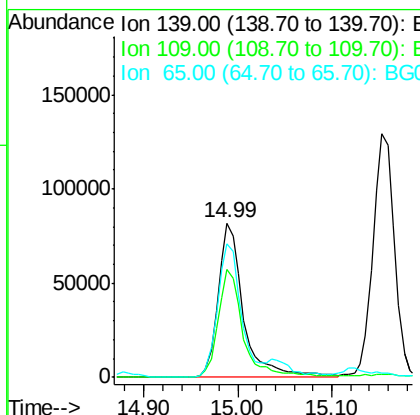
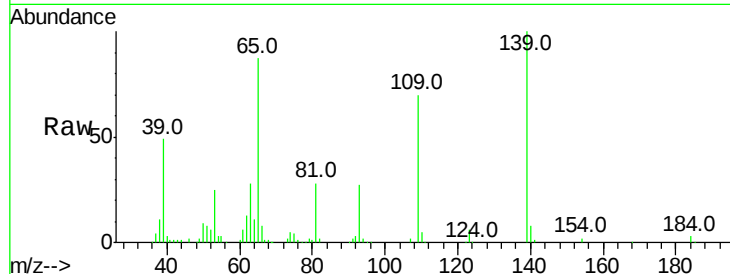
#55  
4-Nitrophenol  
Concen: 67.429 ng  
RT: 14.99 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 69.9  | 62.2 | 102.2 |       |
| 65      | 86.9  | 97.2 | 137.2 |       |

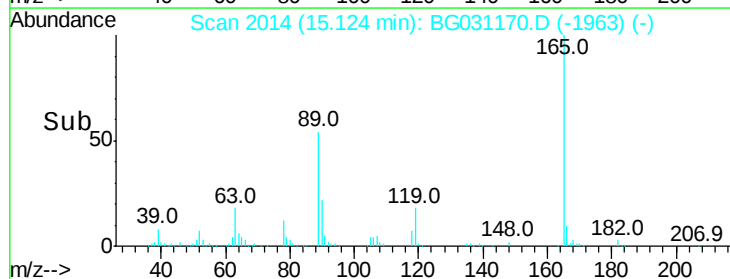
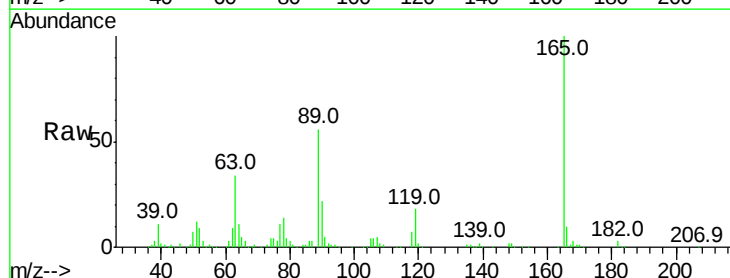
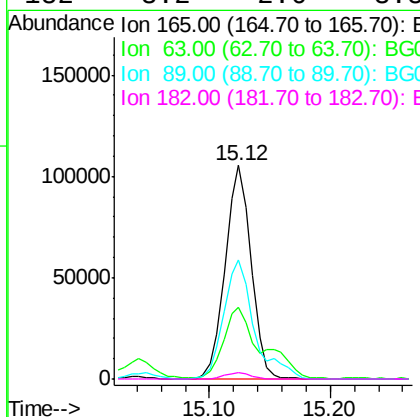
Manual Integrations  
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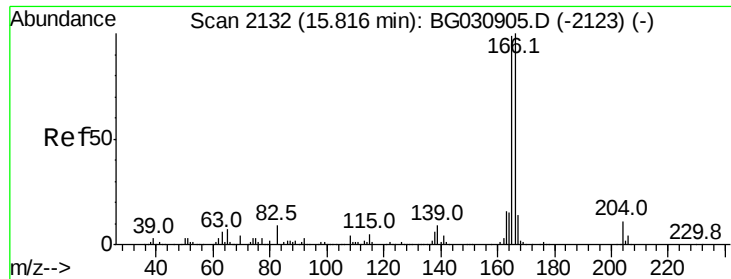
Sohil  
11/22/2017 4:35:26 PM



#56  
2,4-Dinitrotoluene  
Concen: 35.917 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 33.9  | 42.0 | 63.0  |       |
| 89      | 55.8  | 66.9 | 100.3 |       |
| 182     | 3.2   | 2.6  | 3.8   |       |





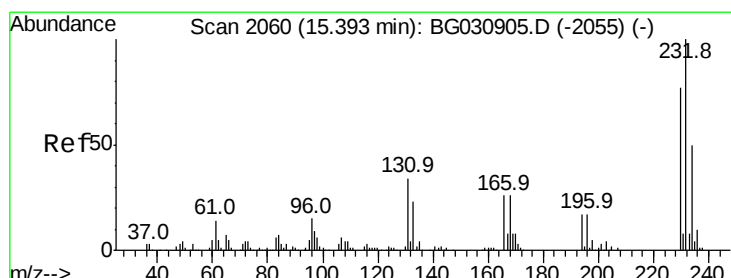
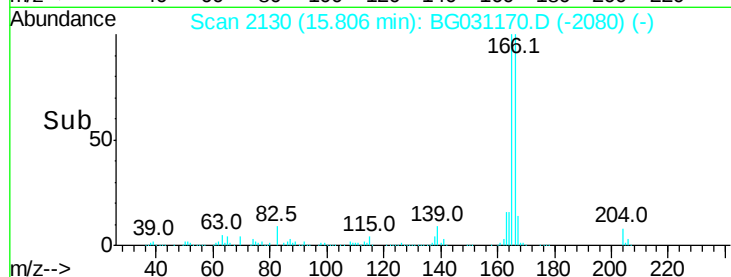
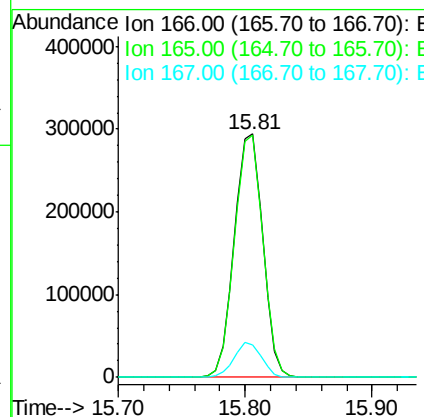
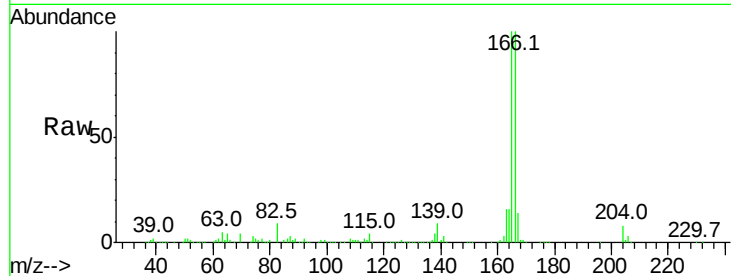
#57  
**Fluorene**  
 Concen: 34.113 ng  
 RT: 15.81 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 455578 |       |       |
| 165     | 99.7  | 80.6   | 121.0 |       |
| 167     | 13.6  | 10.4   | 15.6  |       |

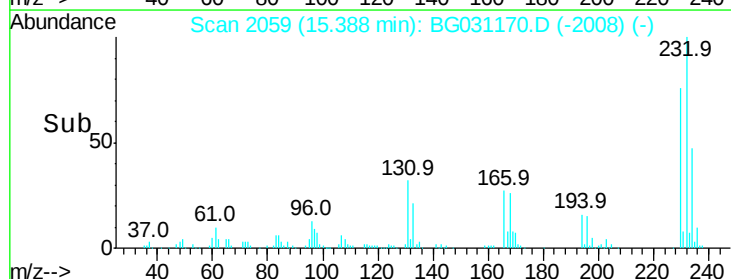
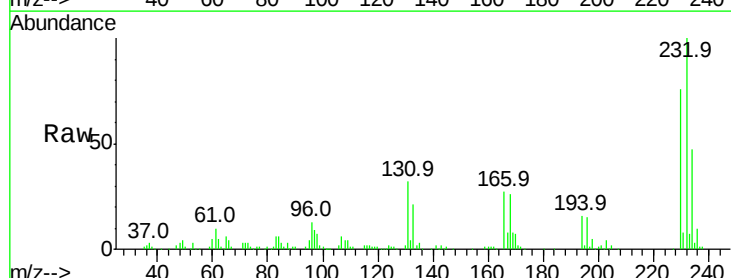
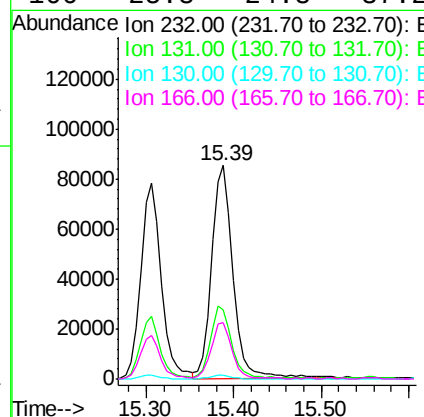
Manual Integrations  
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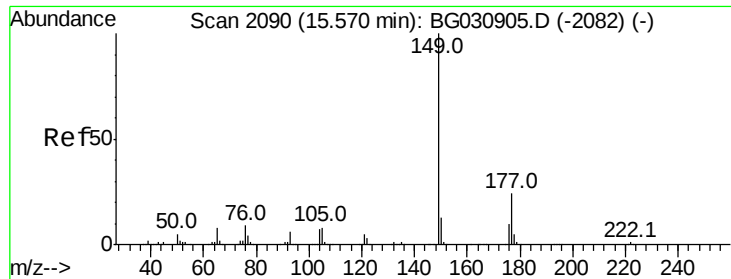
Sohil  
 11/22/2017 4:35:26 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 35.890 ng  
 RT: 15.39 min Scan# 2059  
 Delta R.T. -0.00 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 143394 |       |       |
| 131     | 33.0  | 33.5   | 50.3# |       |
| 130     | 1.8   | 2.2    | 3.2#  |       |
| 166     | 25.8  | 24.8   | 37.2  |       |





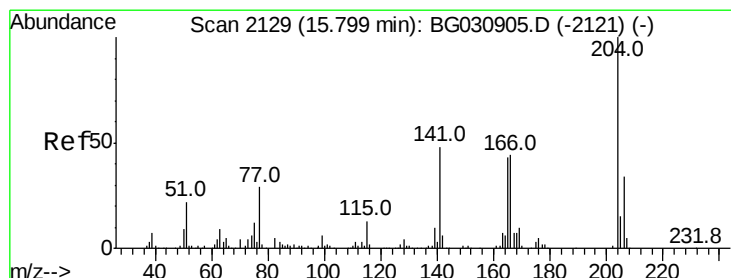
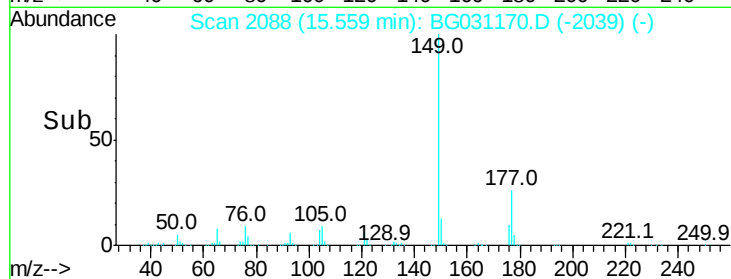
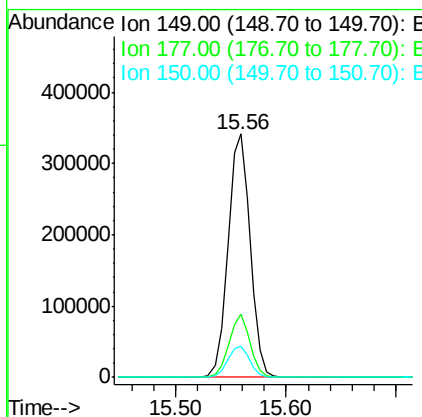
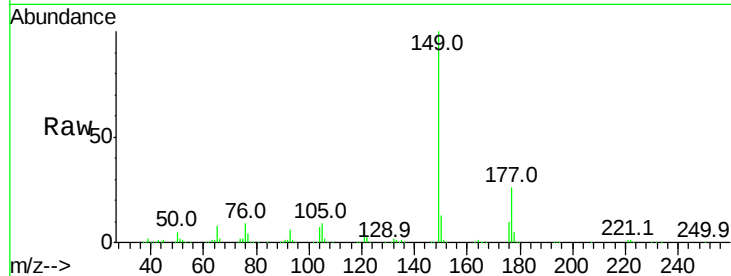
#59  
Diethylphthalate  
Concen: 32.187 ng  
RT: 15.56 min Scan# 2088  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 477384 |       |       |
| 177     | 26.1  | 18.5   | 27.7  |       |
| 150     | 13.0  | 10.2   | 15.2  |       |

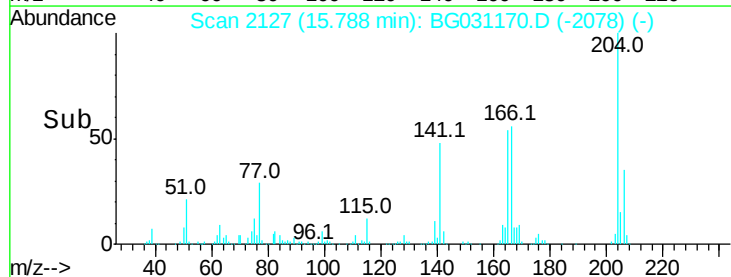
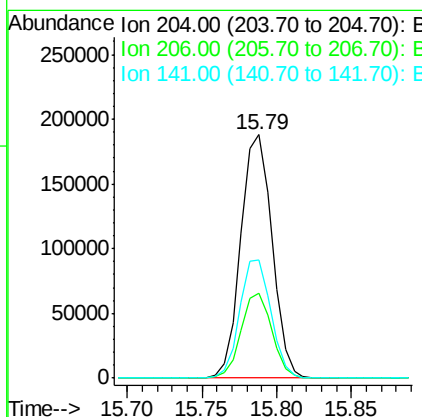
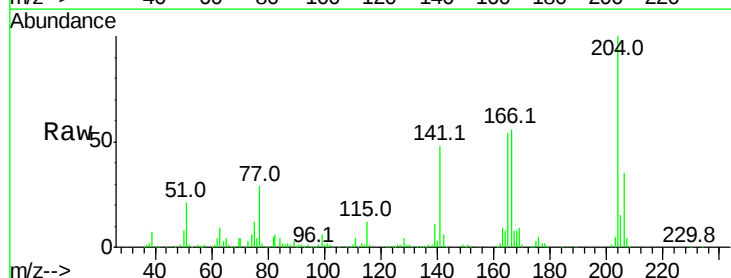
Manual Integrations  
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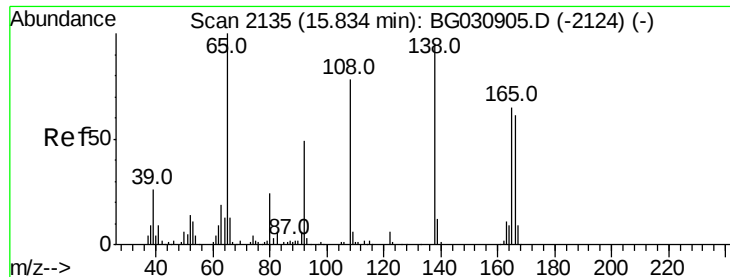
Sohil  
11/22/2017 4:35:26 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 33.904 ng  
RT: 15.79 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 273463 |       |       |
| 206     | 35.0  | 26.2   | 39.2  |       |
| 141     | 48.4  | 45.8   | 68.6  |       |





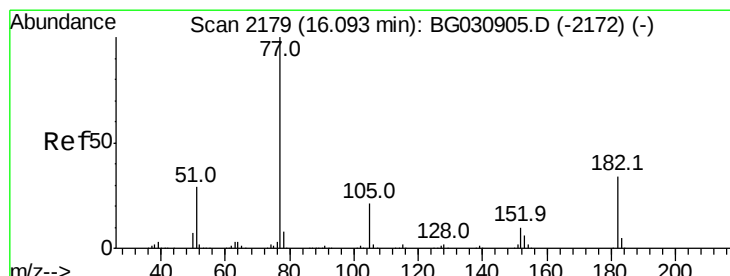
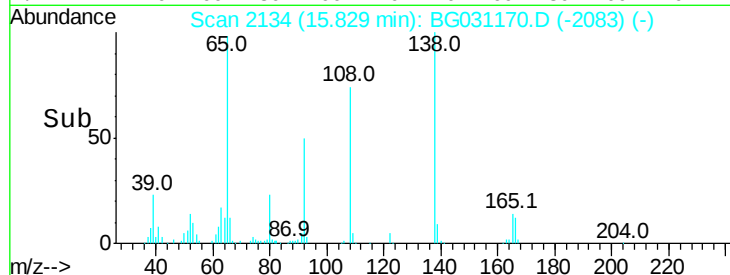
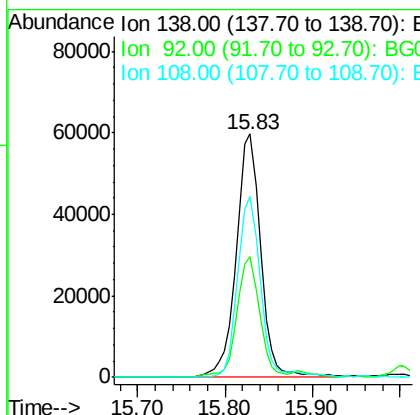
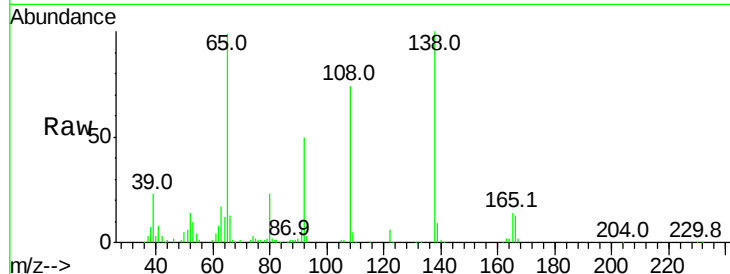
#61  
4-Nitroaniline  
Concen: 33.388 ng  
RT: 15.83 min Scan# 2134  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.8  | 40.1  | 80.1  |
| 108     | 74.5  | 65.4  | 105.4 |

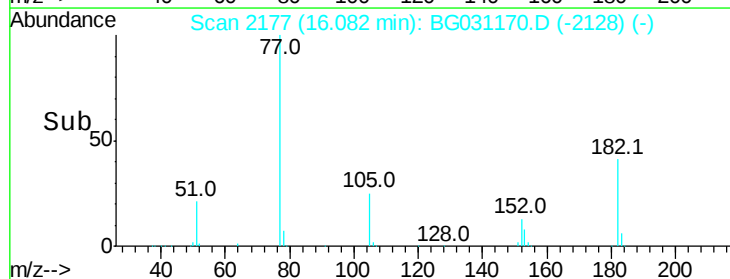
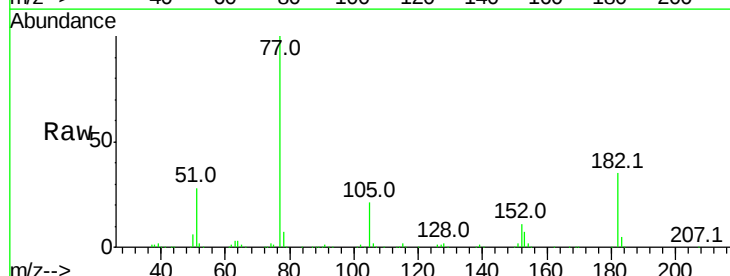
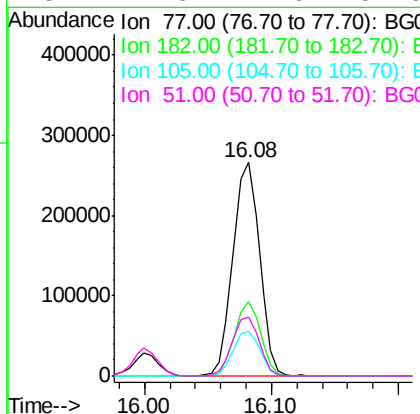
Manual Integrations  
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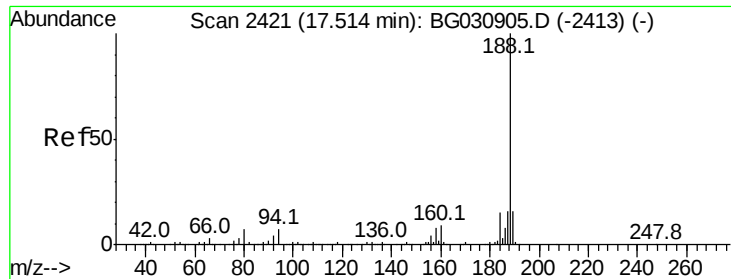
Sohil  
11/22/2017 4:35:26 PM



#62  
Azobenzene  
Concen: 34.085 ng  
RT: 16.08 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 34.8  | 7.4   | 47.4  |
| 105     | 21.2  | 0.3   | 40.3  |
| 51      | 27.6  | 11.6  | 51.6  |





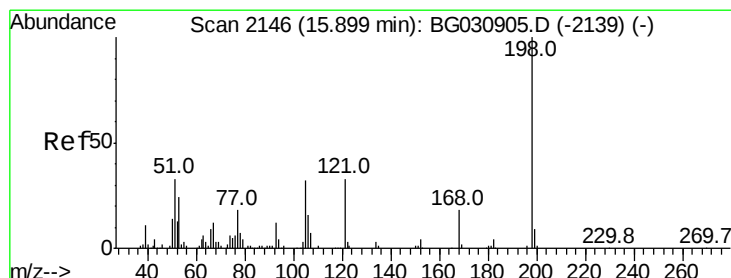
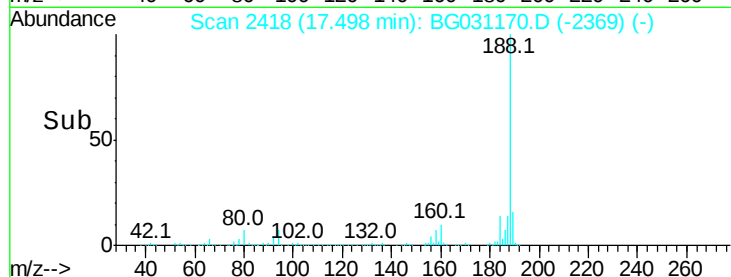
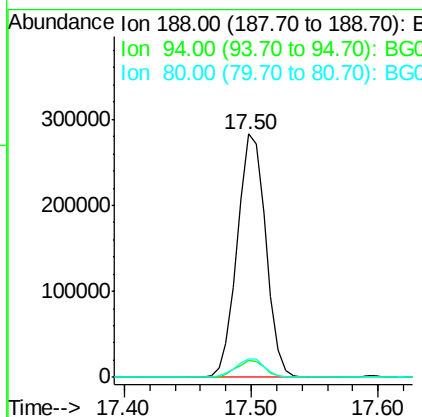
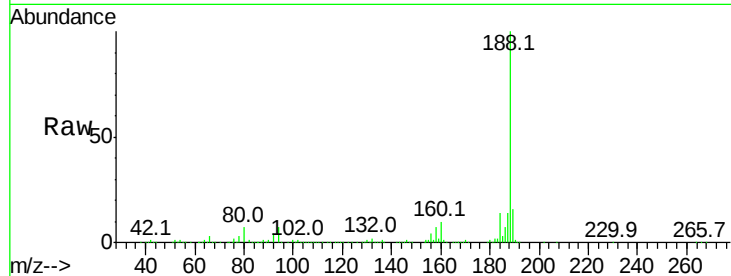
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.50 min Scan# 2418  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 7.3   | 6.9        | 10.3  |
| 80      | 7.5   | 7.7        | 11.5# |

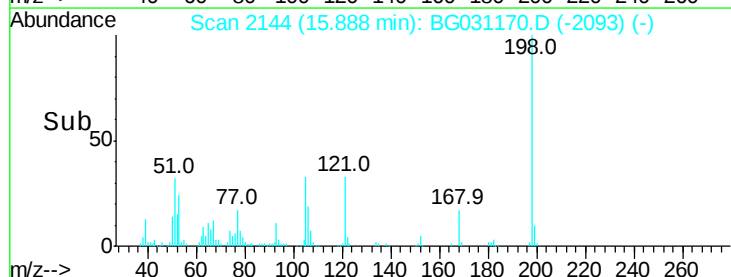
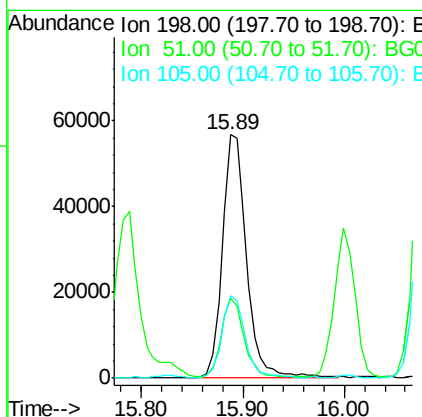
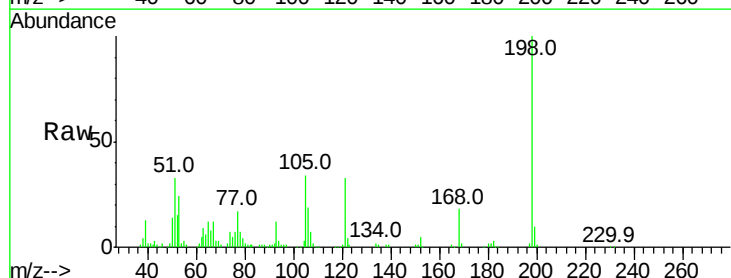
Manual Integrations  
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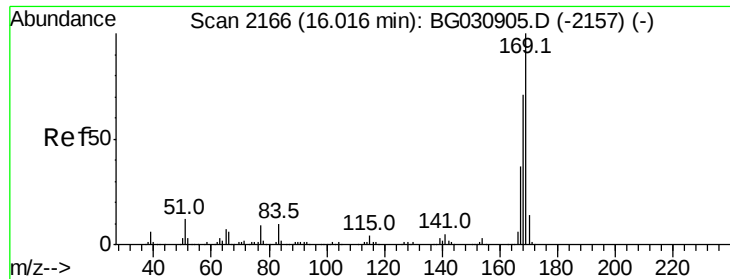
Sohil  
11/22/2017 4:35:26 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 31.859 ng  
RT: 15.89 min Scan# 2144  
Delta R.T. -0.00 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 32.5  | 30.6       | 70.6  |
| 105     | 34.0  | 23.8       | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 31.994 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

ClientSampleId :

PB104448BS

Tot Ion:169 Resp: 426596

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

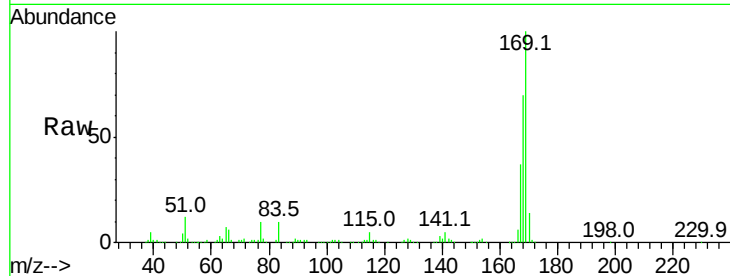
167 37.3 30.1 45.1

Manual Integrations

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Sohil

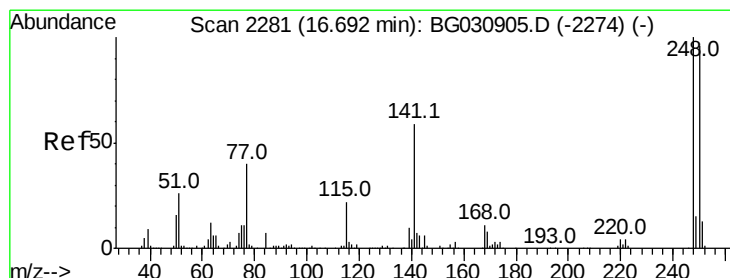
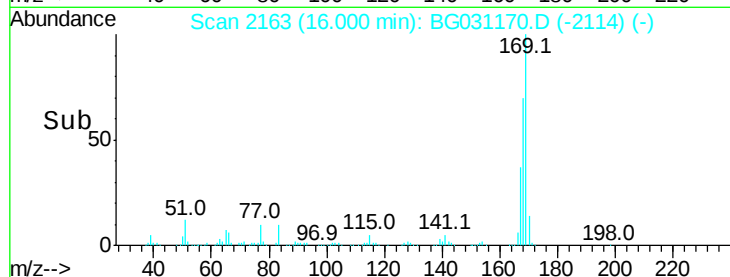
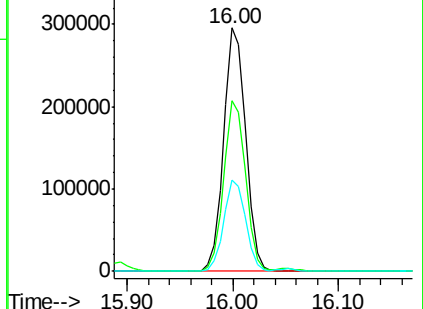
11/22/2017 4:35:26 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.707 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

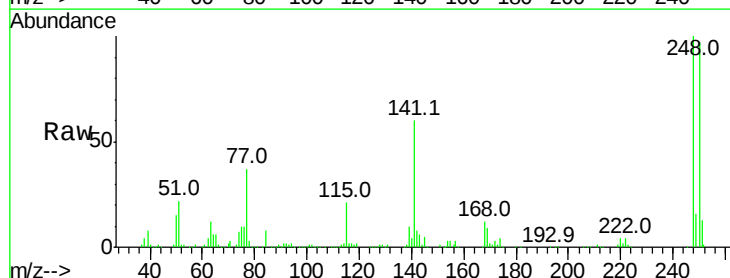
Tgt Ion:248 Resp: 176702

Ion Ratio Lower Upper

248 100

250 97.3 77.1 115.7

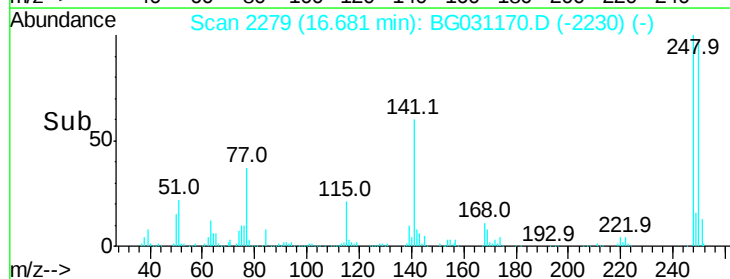
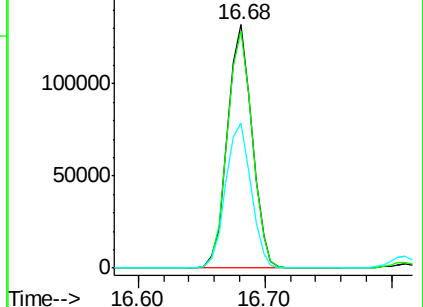
141 59.8 50.8 76.2

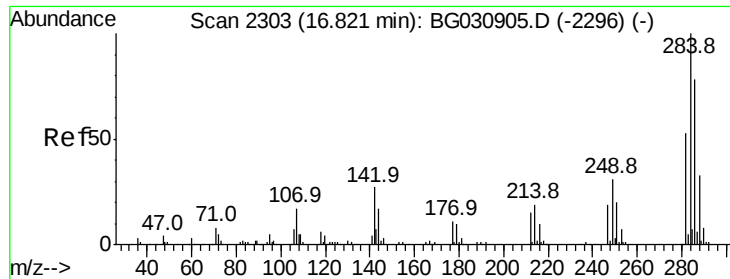


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





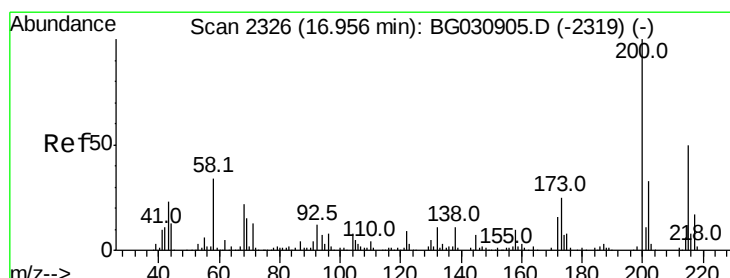
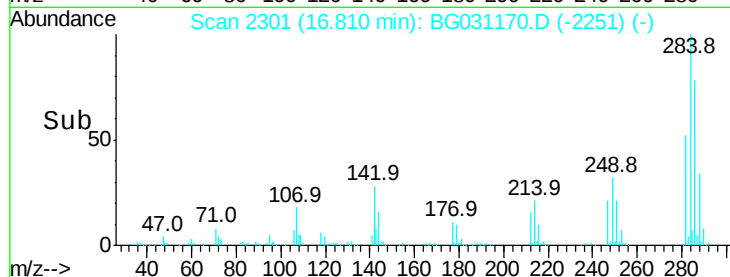
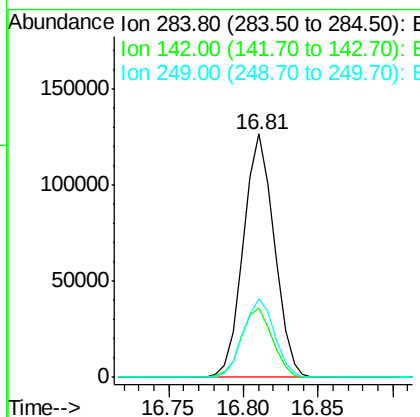
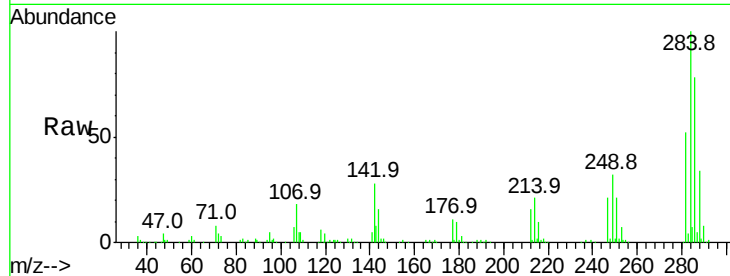
#67  
Hexachlorobenzene  
Concen: 30.669 ng  
RT: 16.81 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 28.4  | 26.8 | 40.2  |       |
| 249     | 32.4  | 26.3 | 39.5  |       |

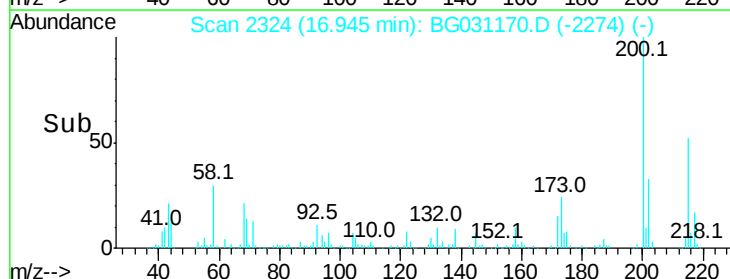
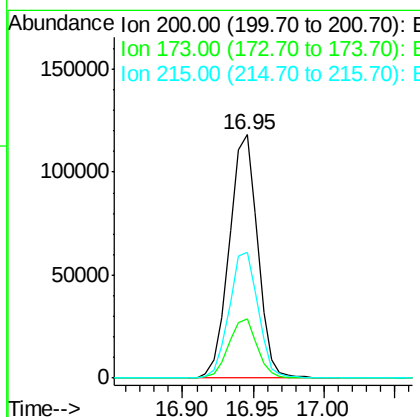
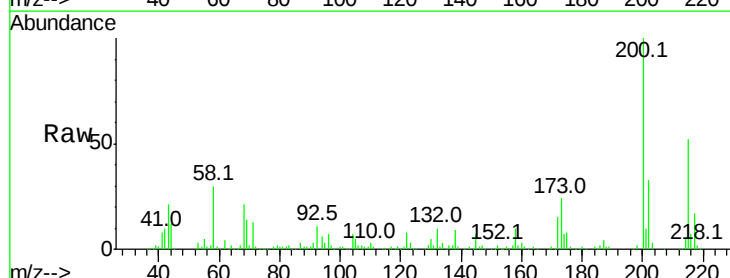
Manual Integrations  
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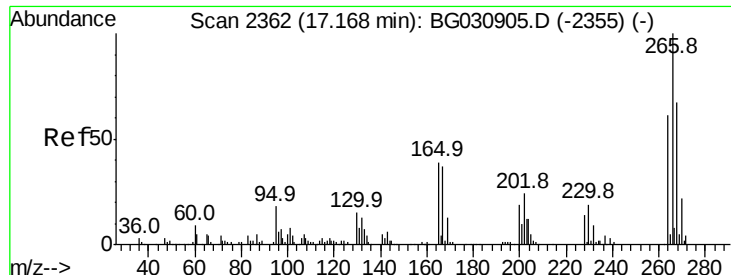
Sohil  
11/22/2017 4:35:26 PM



#68  
Atrazine  
Concen: 30.080 ng  
RT: 16.95 min Scan# 2324  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 24.2  | 5.2  | 45.2  |       |
| 215     | 51.8  | 30.4 | 70.4  |       |





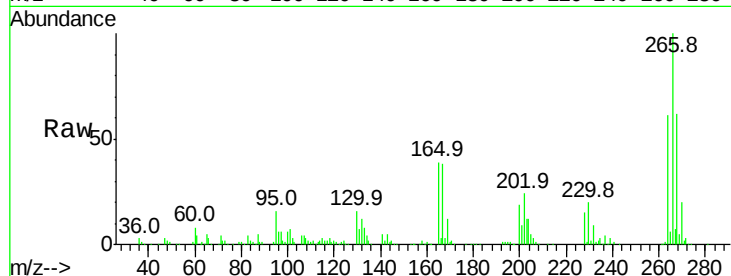
#69  
 Pentachlorophenol  
 Concen: 52.681 ng  
 RT: 17.16 min Scan# 2360  
 Delta R.T. -0.00 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

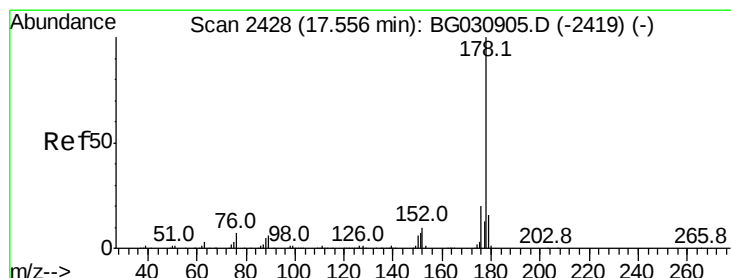
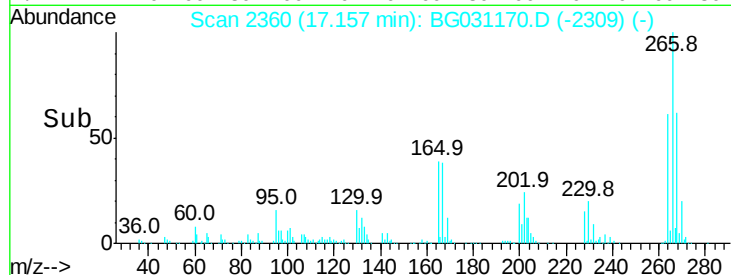
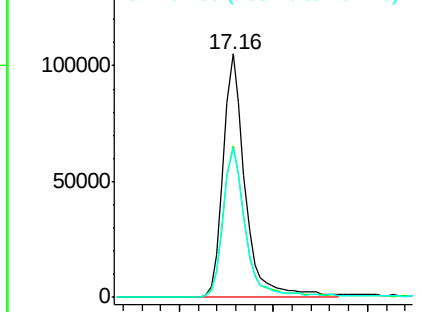
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 172439 |       |       |
| 268     | 62.1  | 51.1   | 76.7  |       |
| 264     | 61.3  | 49.6   | 74.4  |       |

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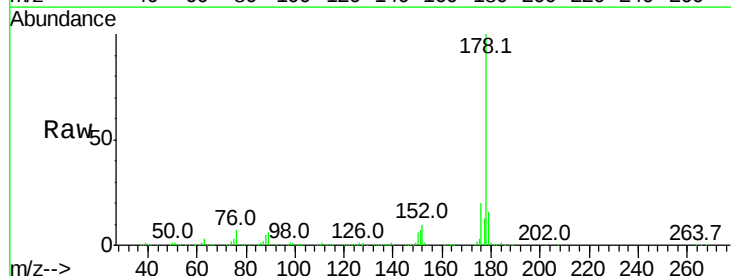


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

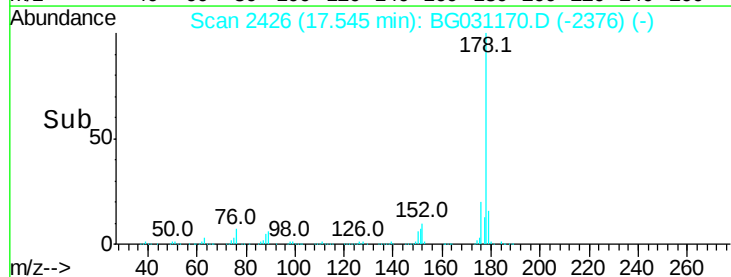
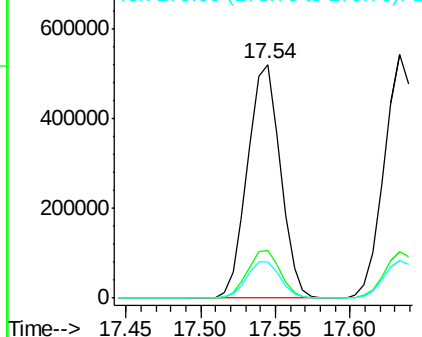


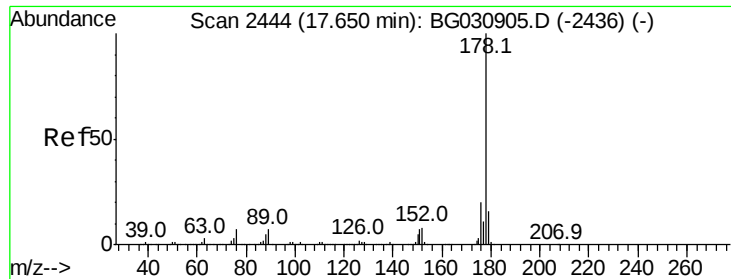
#70  
 Phenanthrene  
 Concen: 34.541 ng  
 RT: 17.54 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 791340 |       |       |
| 176     | 20.2  | 15.7   | 23.5  |       |
| 179     | 15.5  | 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





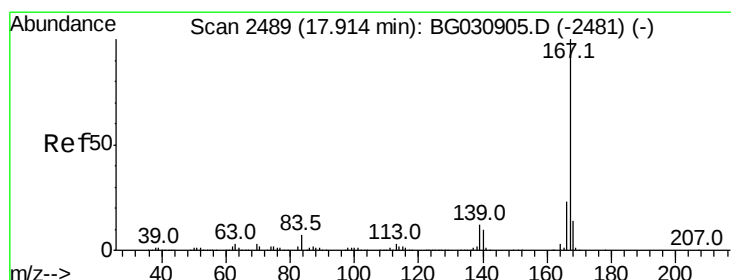
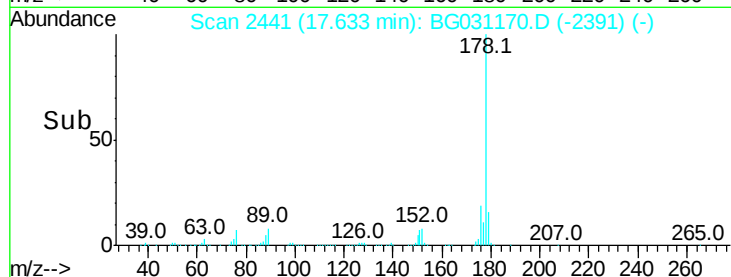
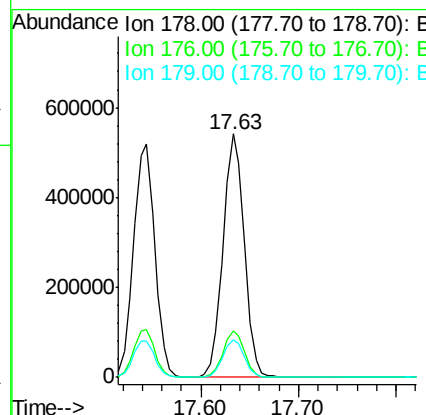
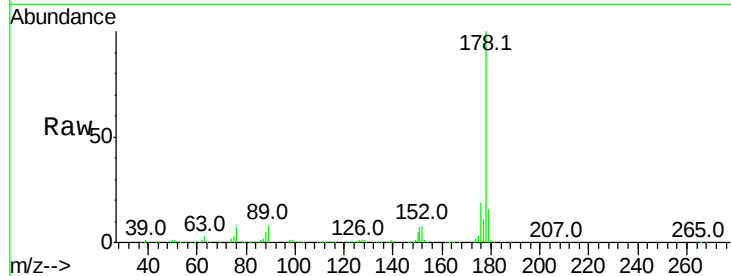
#71  
 Anthracene  
 Concen: 35.349 ng  
 RT: 17.63 min Scan# 2441  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 16.0  | 24.0  |
| 179     | 15.5  | 12.5  | 18.7  |

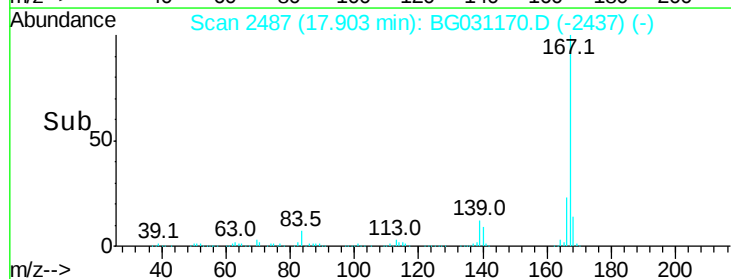
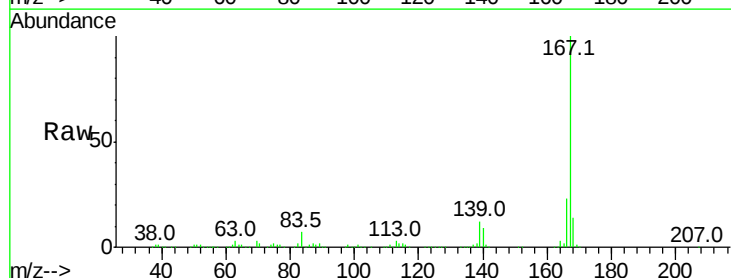
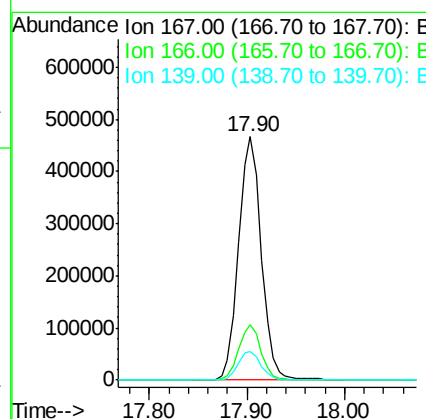
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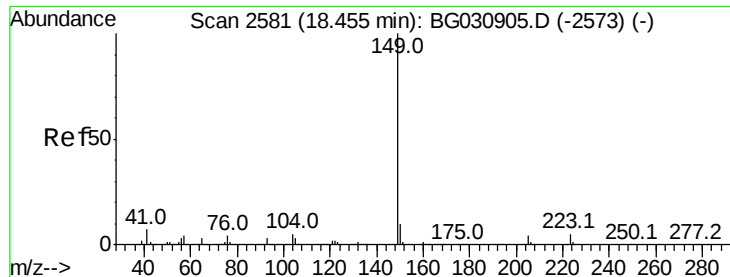
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 11/22/2017 4:35:26 PM



#72  
 Carbazole  
 Concen: 34.969 ng  
 RT: 17.90 min Scan# 2487  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 18.2  | 27.4  |
| 139     | 11.8  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 32.744 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

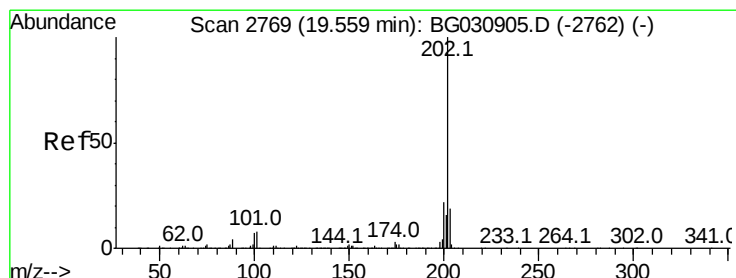
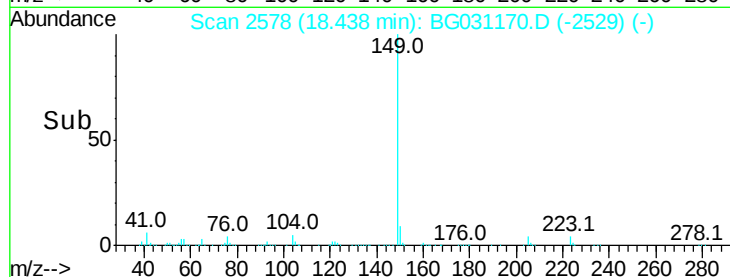
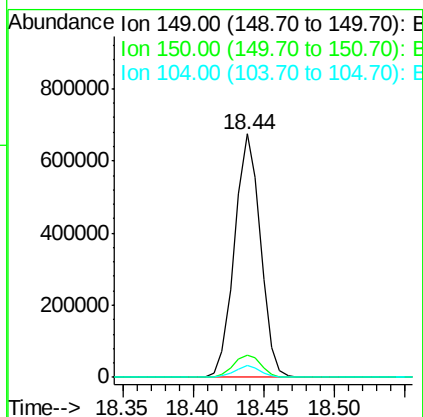
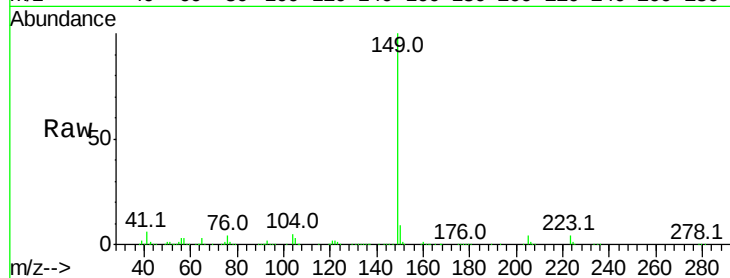
ClientSampleId :

PB104448BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 864788 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.8   | 11.6   |
| 104       | 4.7   | 3.9   | 5.9    |

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#74

Fluoranthene

Concen: 36.640 ng

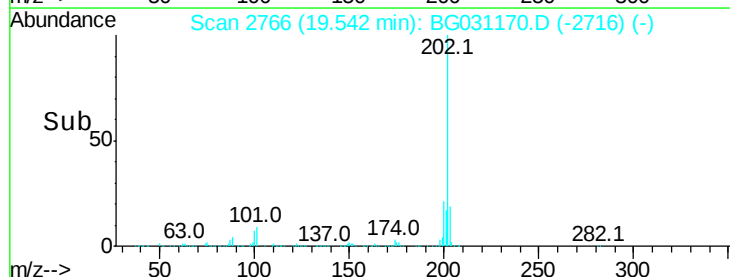
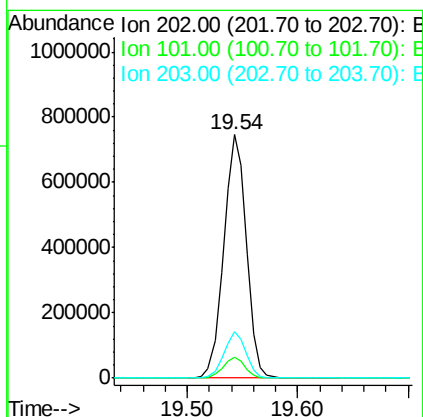
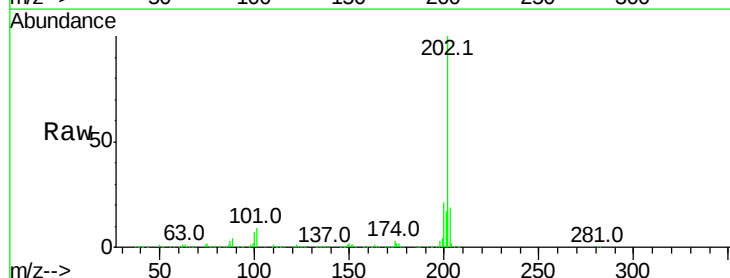
RT: 19.54 min Scan# 2766

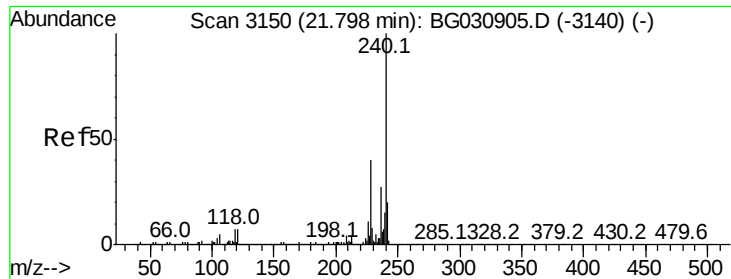
Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1062841 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 8.5   | 0.0   | 28.9    |
| 203       | 19.3  | 0.0   | 37.5    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

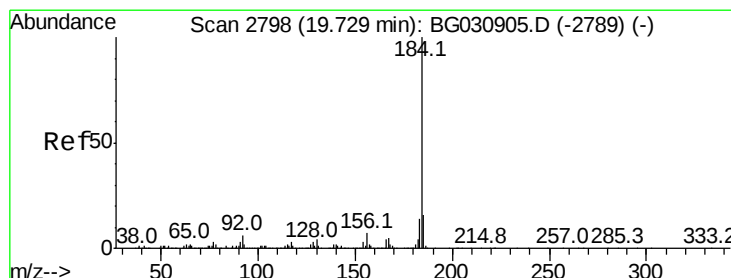
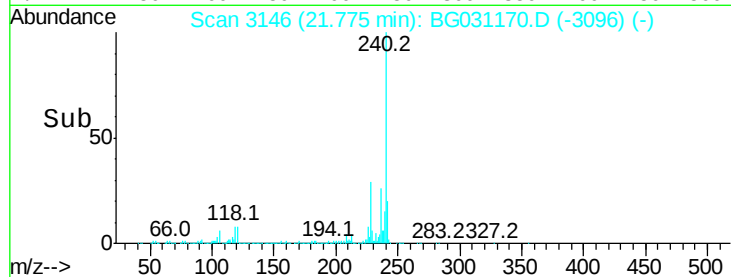
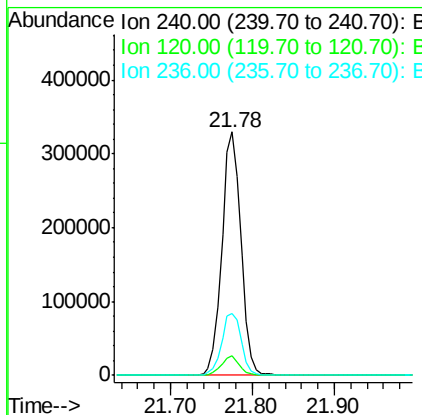
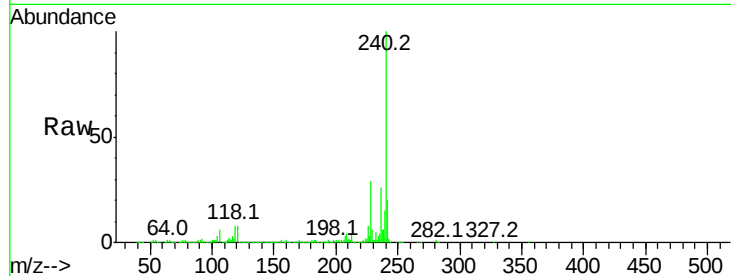
ClientSampleId :

PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.9   | 6.8   | 10.2  |
| 236     | 25.6  | 20.9  | 31.3  |

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#76

Benzidine

Concen: 25.148 ng

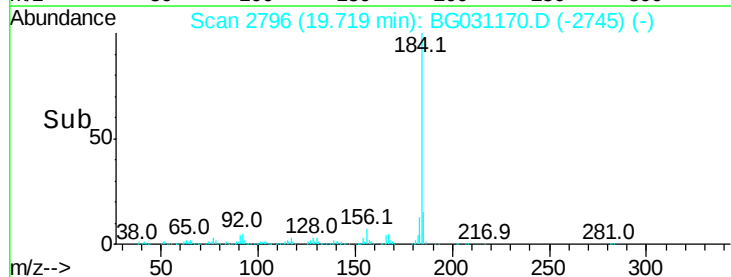
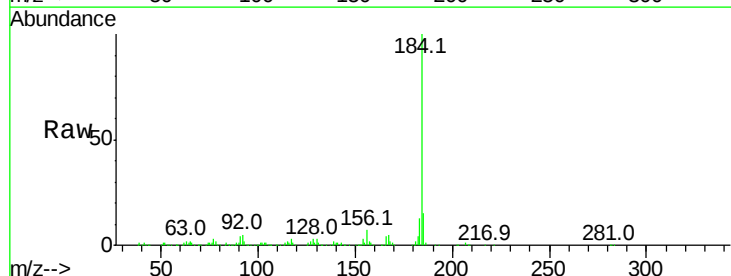
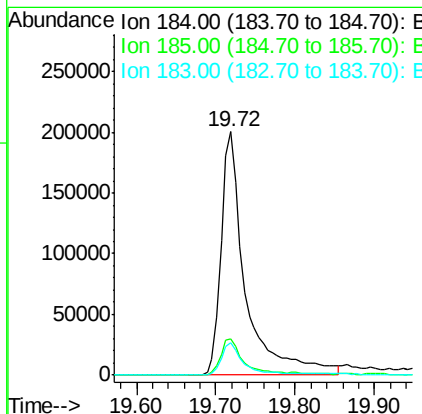
RT: 19.72 min Scan# 2796

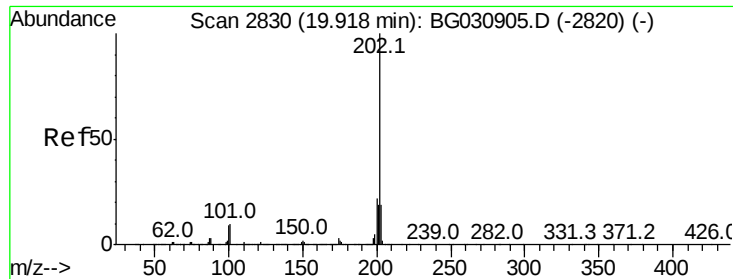
Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 11.1  | 16.7  |
| 183     | 13.1  | 10.6  | 16.0  |





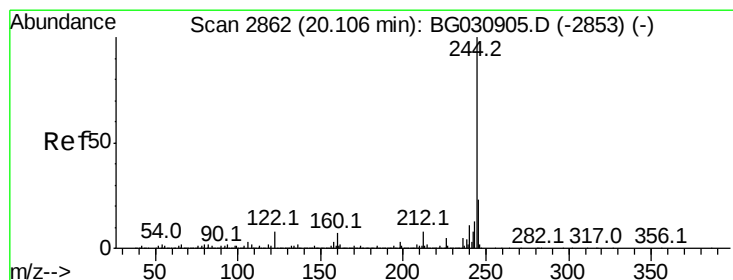
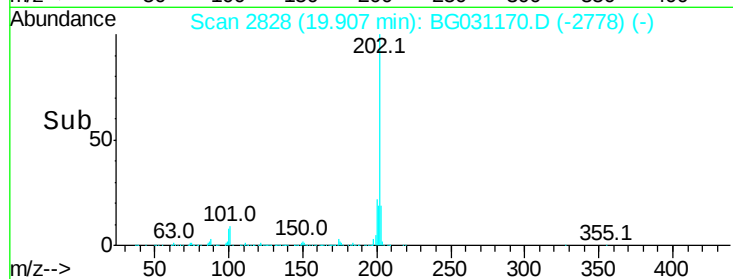
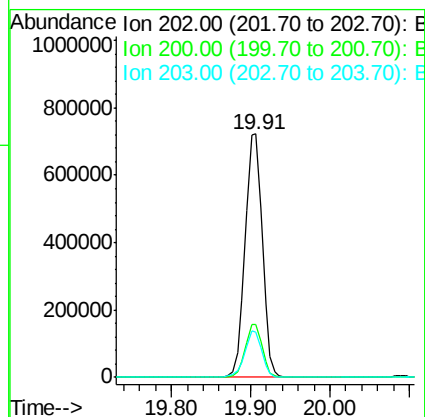
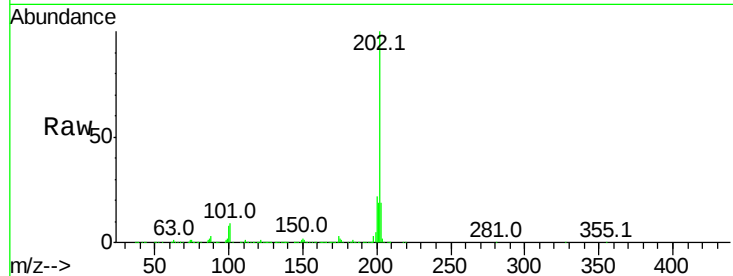
#77  
Pvrene  
Concen: 34.435 ng  
RT: 19.91 min Scan# 2828  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

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

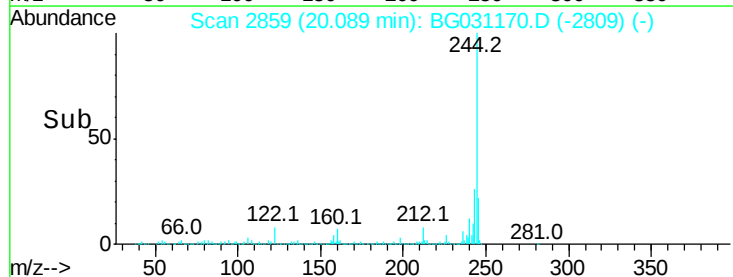
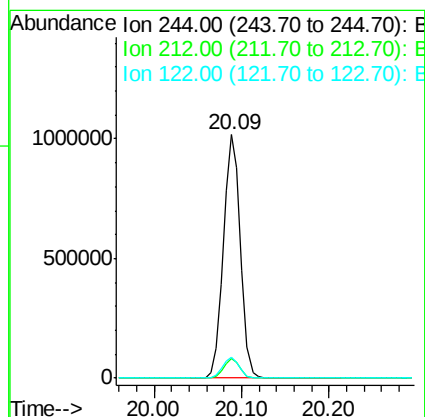
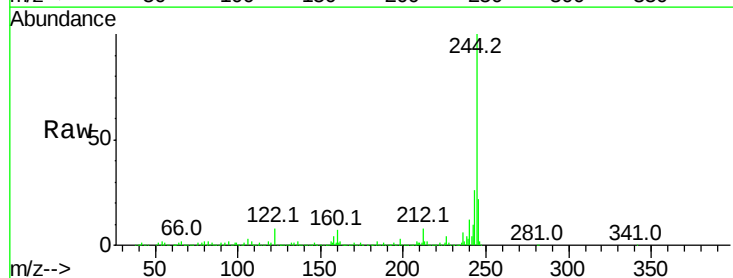
Manual Integrations  
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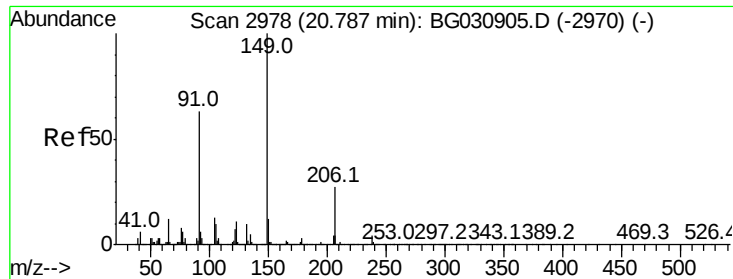
Sohil  
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#78  
Terphenyl-d14  
Concen: 56.346 ng  
RT: 20.09 min Scan# 2859  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 5.8   | 8.8   |
| 122     | 8.4   | 7.0   | 10.4  |





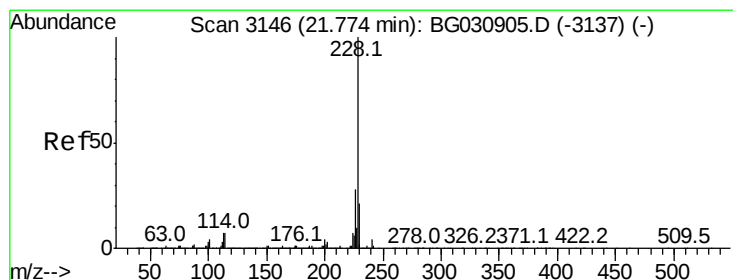
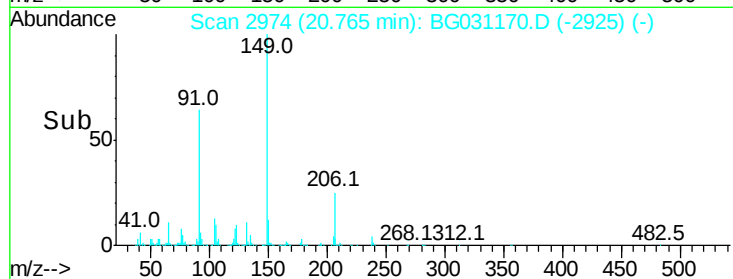
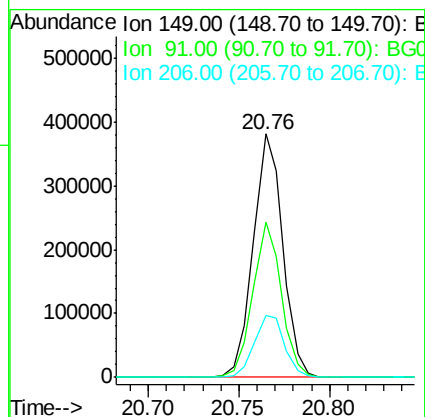
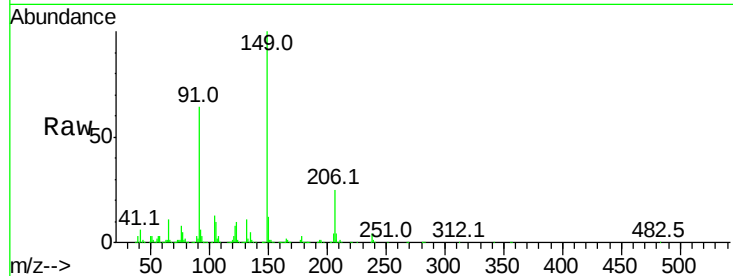
#79  
Butylbenzylphthalate  
Concen: 34.218 ng  
RT: 20.76 min Scan# 2974  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleID :  
PB104448BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 63.7  | 62.2 | 93.2  |       |
| 206     | 25.4  | 18.6 | 27.8  |       |

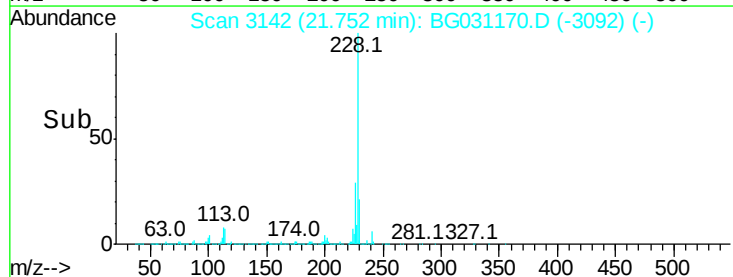
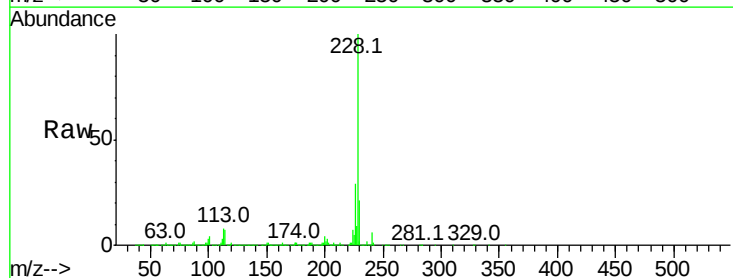
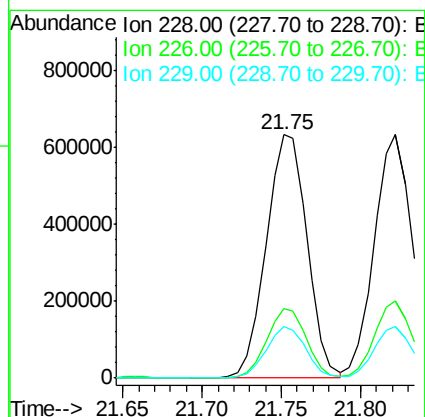
Manual Integrations  
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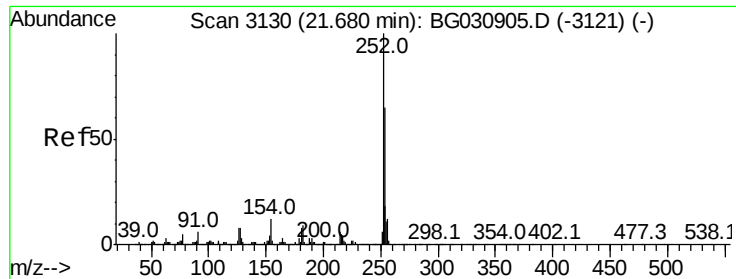
Sohil  
11/22/2017 4:35:26 PM



#80  
Benzo(a)anthracene  
Concen: 34.230 ng  
RT: 21.75 min Scan# 3142  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

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





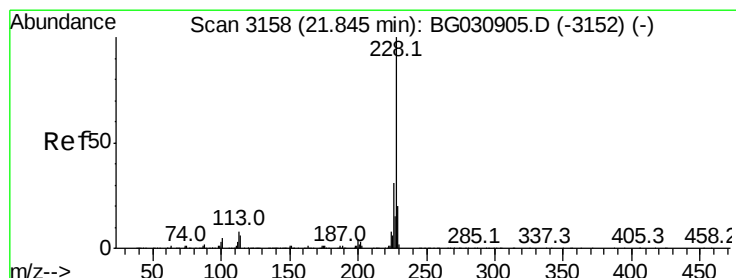
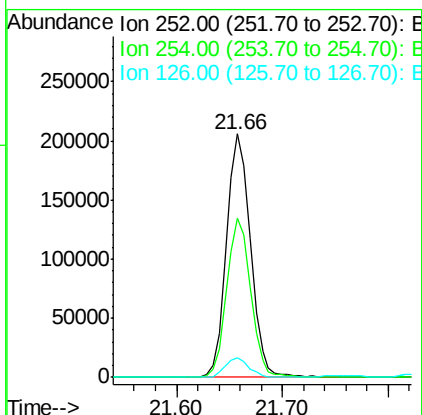
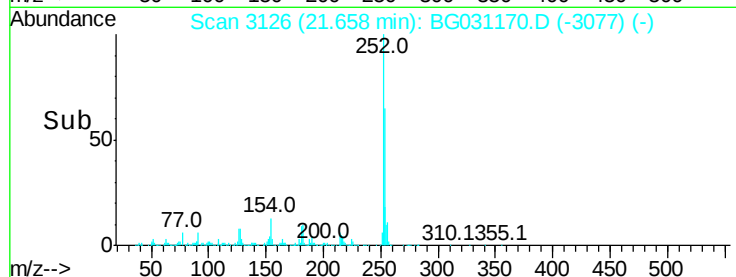
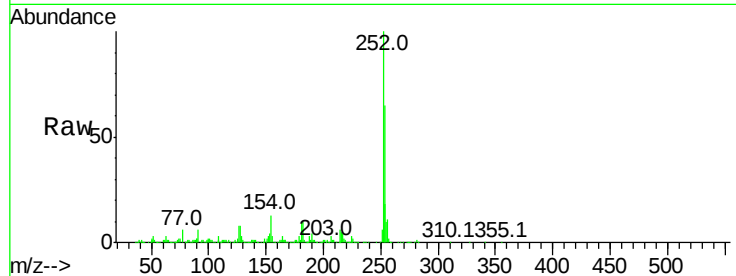
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.193 ng  
 RT: 21.66 min Scan# 3126  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 50.8  | 76.2  |
| 126     | 8.2   | 7.4   | 11.2  |

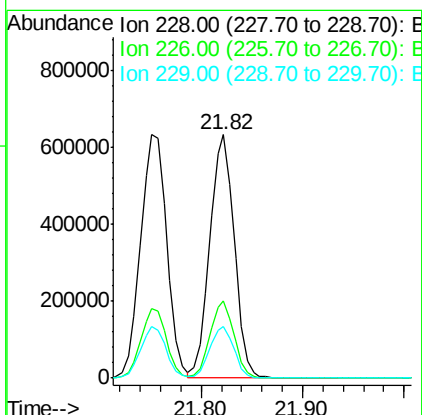
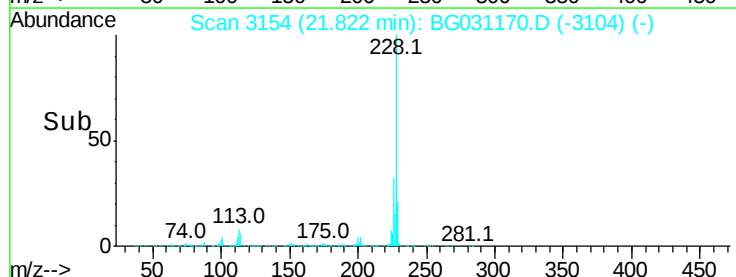
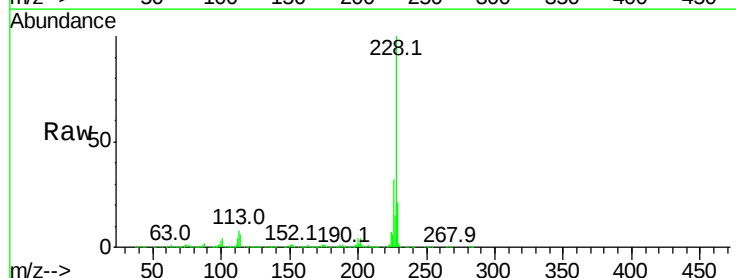
Manual Integrations  
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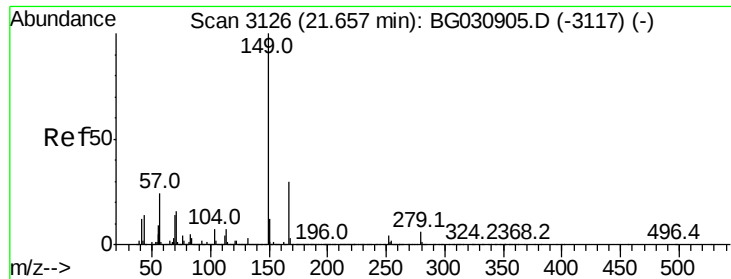
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#82  
 Chrysene  
 Concen: 34.548 ng  
 RT: 21.82 min Scan# 3154  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 24.9  | 37.3  |
| 229     | 21.1  | 15.0  | 22.4  |





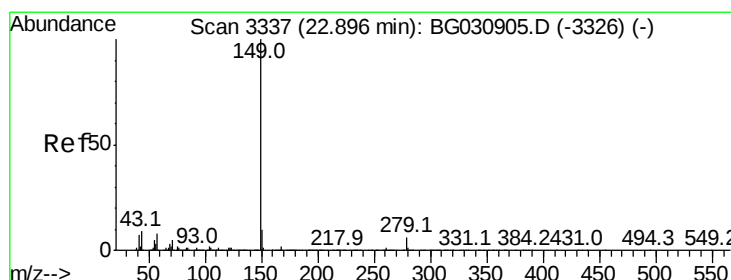
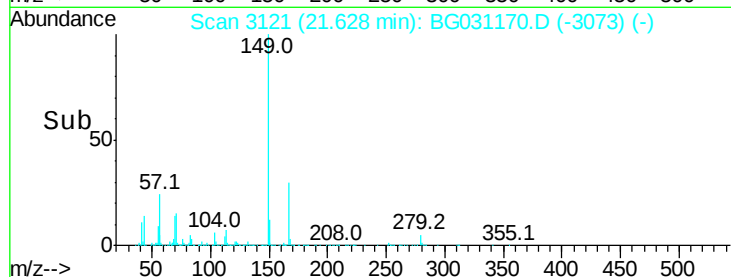
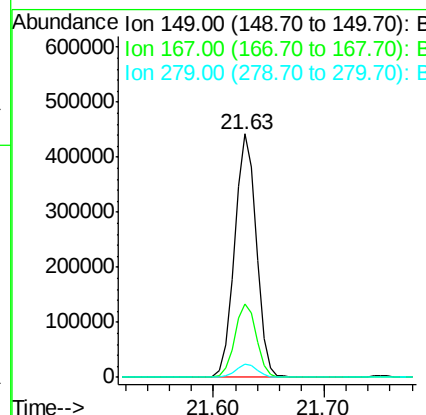
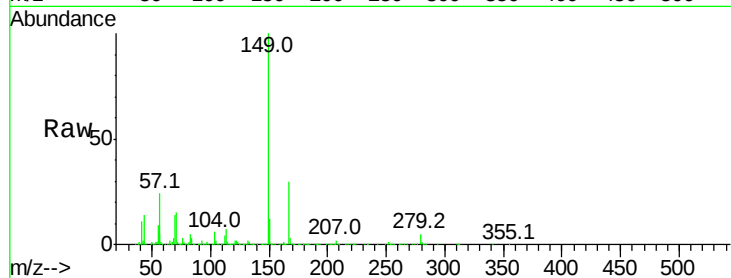
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.536 ng  
 RT: 21.63 min Scan# 3121  
 Delta R.T. -0.02 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.4  | 24.3  | 36.5  |
| 279     | 5.2   | 4.0   | 6.0   |

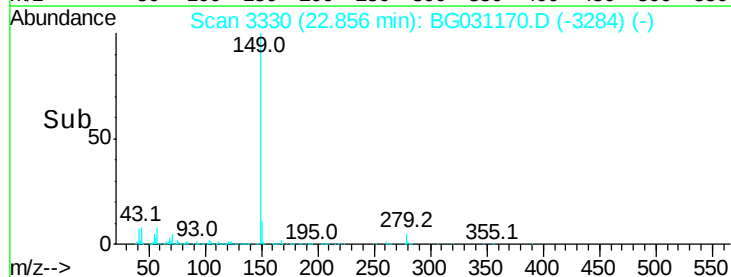
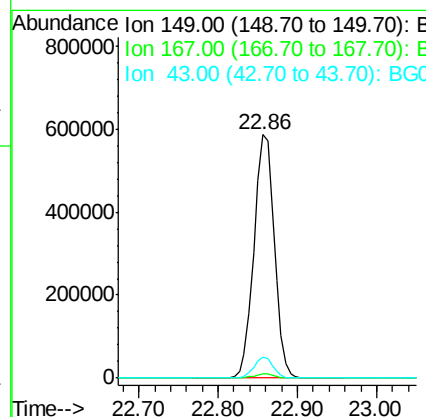
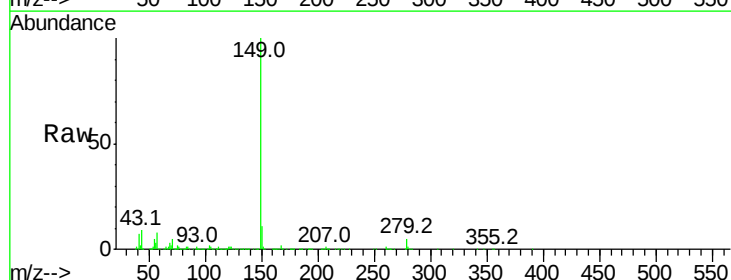
Manual Integrations  
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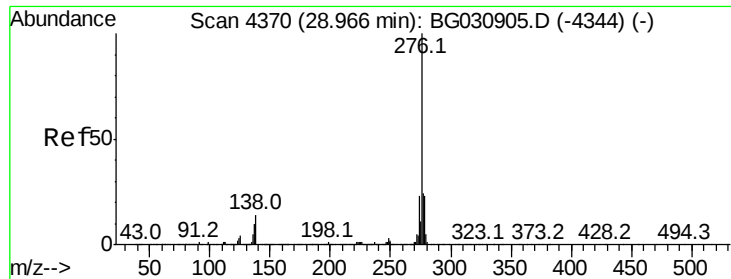
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#84  
 Di-n-octyl phthalate  
 Concen: 35.616 ng  
 RT: 22.86 min Scan# 3330  
 Delta R.T. -0.03 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 8.2   | 8.9   | 13.3  |





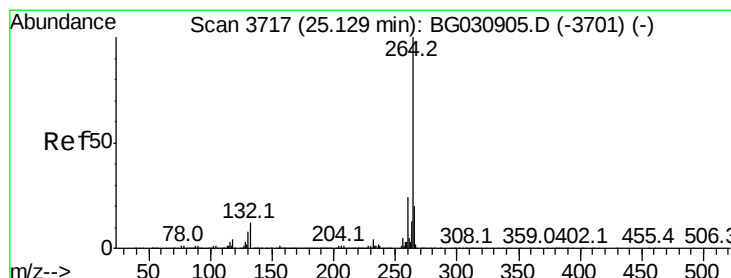
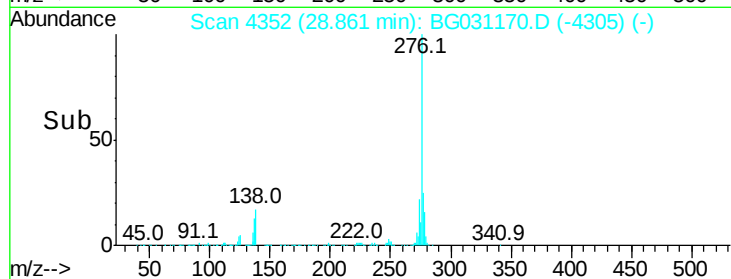
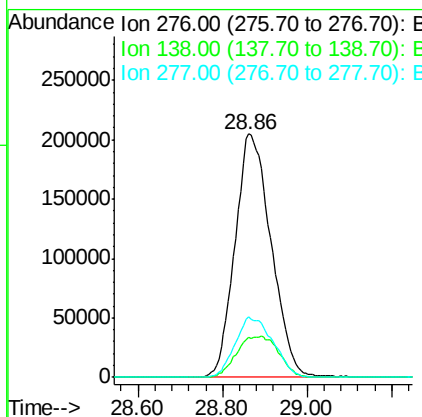
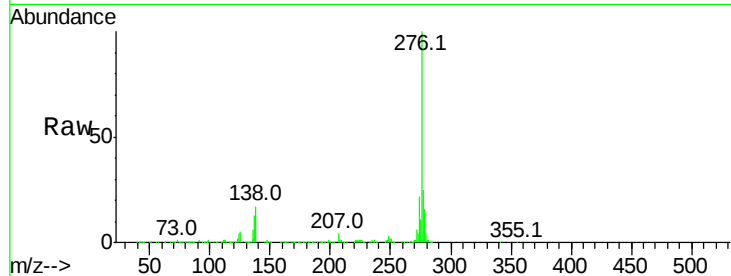
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.666 ng  
 RT: 28.86 min Scan# 4352  
 Delta R.T. -0.03 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 16.0  | 24.0# |
| 277     | 26.1  | 20.0  | 30.0  |

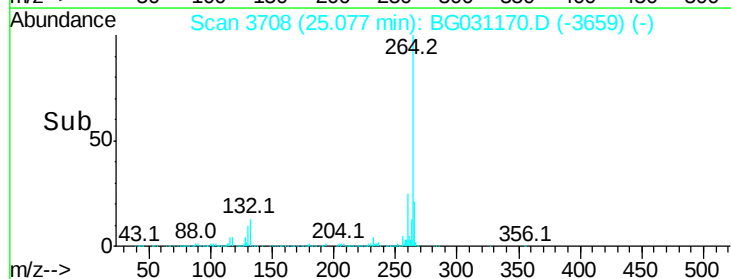
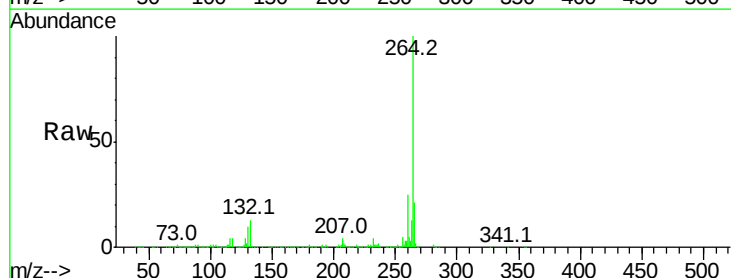
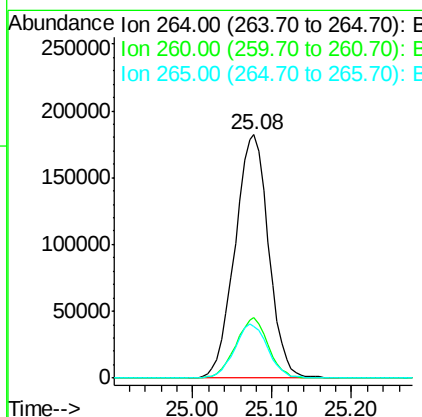
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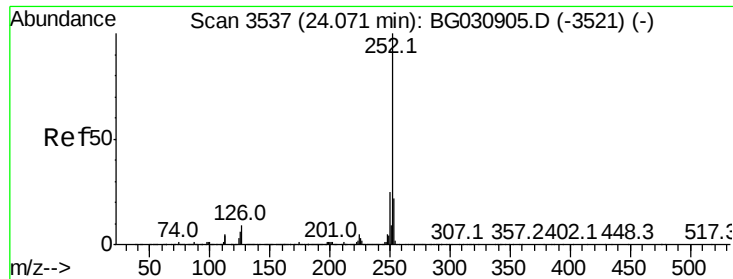
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.08 min Scan# 3708  
 Delta R.T. -0.01 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 17.4  | 26.0  |
| 265     | 21.2  | 17.7  | 26.5  |





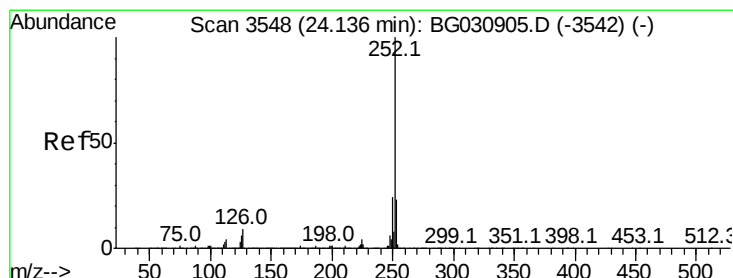
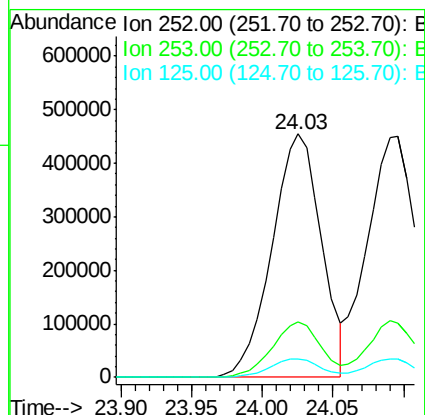
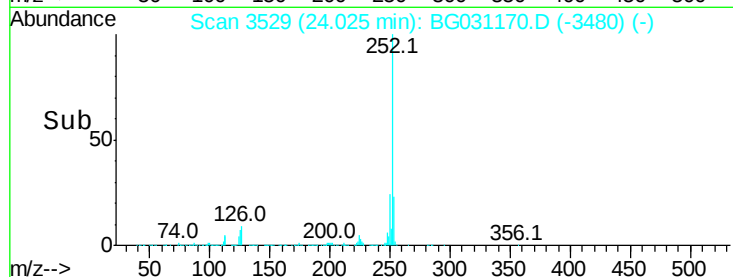
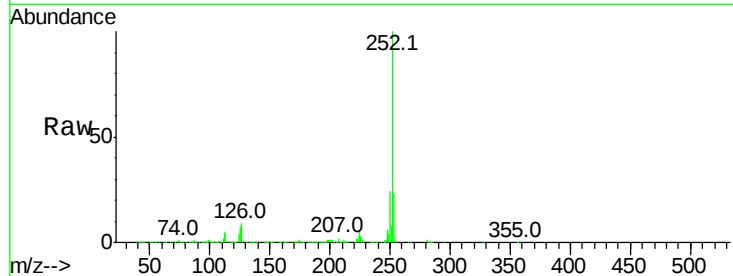
#87  
Benzo(b)fluoranthene  
Concen: 34.173 ng  
RT: 24.03 min Scan# 3529  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.4  |
| 125     | 7.5   | 7.2   | 10.8  |

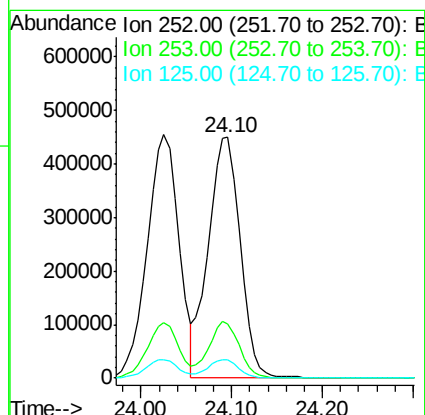
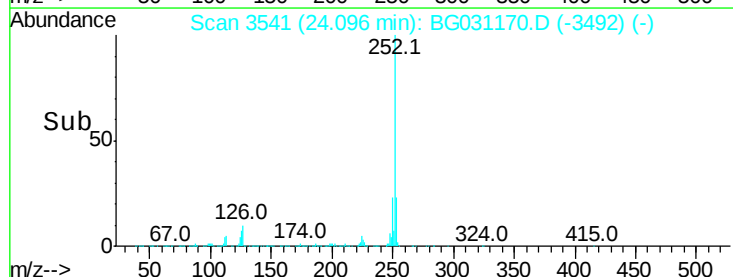
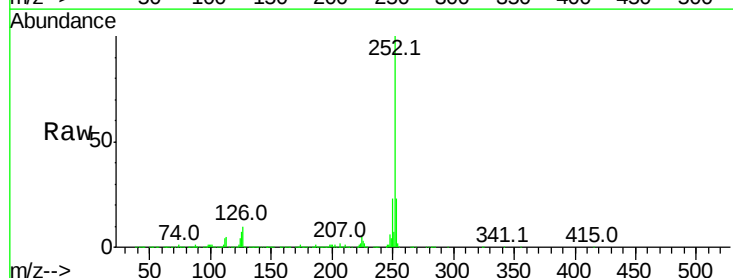
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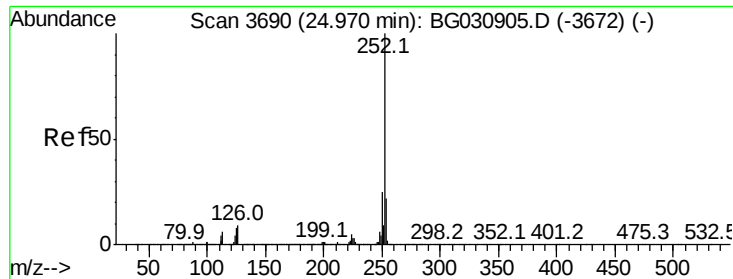
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#88  
Benzo(k)fluoranthene  
Concen: 34.180 ng  
RT: 24.10 min Scan# 3541  
Delta R.T. -0.01 min  
Lab File: BG031170.D  
Acq: 22 Nov 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.4  | 26.2  |
| 125     | 7.5   | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 35.121 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA\_G

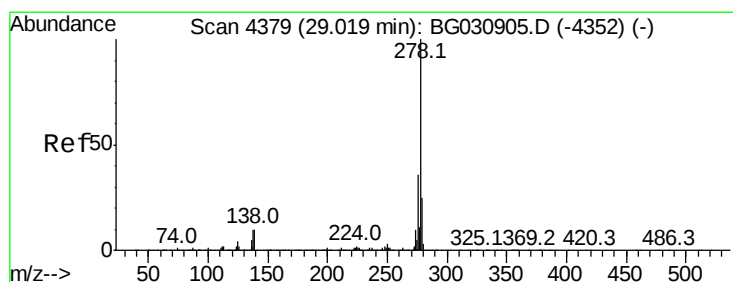
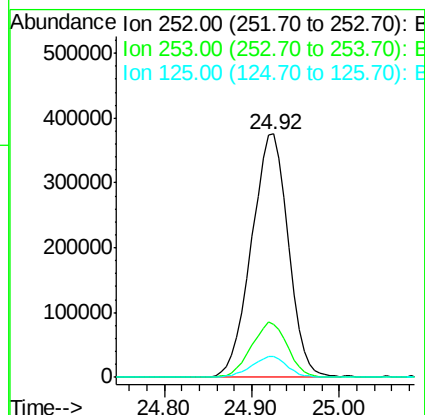
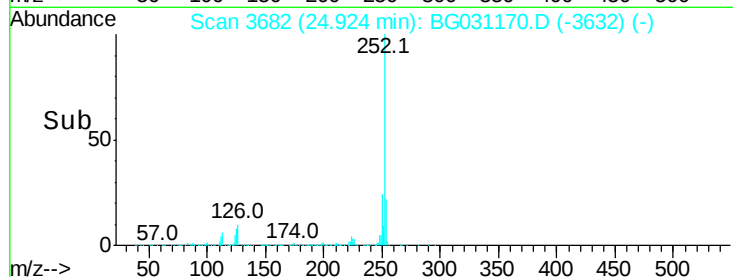
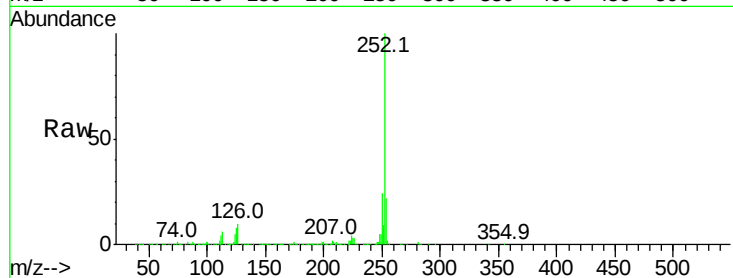
ClientSampleId :

PB104448BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 252   | Resp: | 1082042 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 21.7  | 18.3  | 27.5    |
| 125       | 8.4   | 7.3   | 10.9    |

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#90

Dibenzo(a,h)anthracene

Concen: 32.372 ng

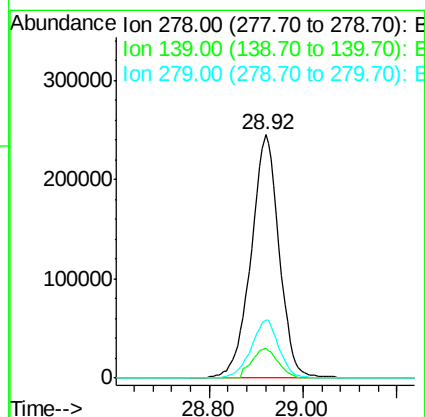
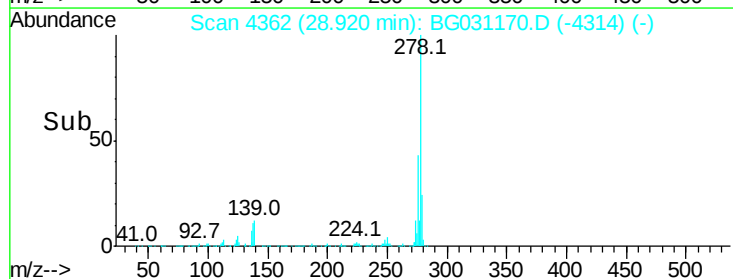
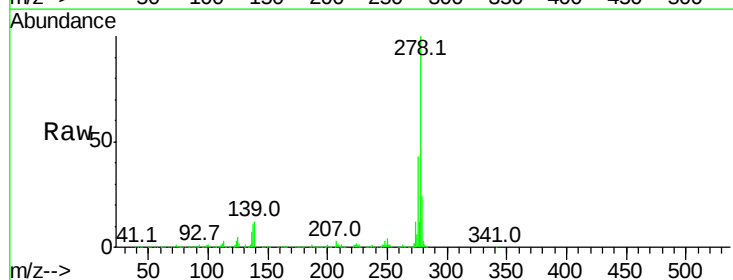
RT: 28.92 min Scan# 4362

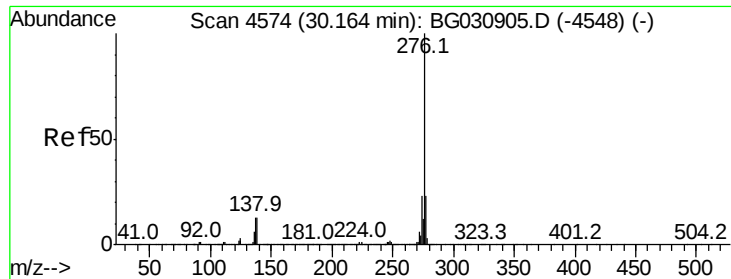
Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 278   | Resp: | 1019410 |
| Ion Ratio | Lower | Upper |         |
| 278       | 100   |       |         |
| 139       | 12.0  | 9.8   | 14.6    |
| 279       | 23.6  | 18.4  | 27.6    |





#91  
 Benzo(a,h,i)perylene  
 Concen: 32.366 ng  
 RT: 30.05 min Scan# 4555  
 Delta R.T. -0.02 min  
 Lab File: BG031170.D  
 Acq: 22 Nov 2017 2:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104448BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.3  | 27.5  |
| 138     | 16.2  | 13.9  | 20.9  |

Manual Integrations  
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