

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\  
 Data File : BG031676.D  
 Acq On : 21 Dec 2017 16:51  
 Operator : SJ/JU  
 Sample : PB105239BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

Manual Integrations  
 APPROVED

Sohil  
 12/22/2017 12:44:07 PM

Quant Time: Dec 22 00:40:13 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 14:09:19 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.83  | 152  | 57168m   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.72 | 136  | 244761   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.46 | 164  | 172394   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.20 | 188  | 435648   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.57 | 240  | 488814   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.35 | 264  | 533883   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.24  | 112 | 488025  | 155.49 | ng | 0.00 |
| 7) Phenol-d6             | 7.93  | 99  | 616418  | 151.27 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.03 | 82  | 312733  | 96.48  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.94 | 330 | 378297  | 143.81 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.09 | 172 | 1191309 | 86.73  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.73 | 244 | 1997935 | 93.38  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.88  | 88  | 43724   | 37.580  | ng | # 75   |
| 3) Pyridine                    | 4.34  | 79  | 125673  | 40.409  | ng | # 77   |
| 4) n-Nitrosodimethylamine      | 4.25  | 42  | 56810   | 45.268  | ng | # 79   |
| 6) Aniline                     | 8.12  | 93  | 174060  | 33.199  | ng | # 94   |
| 8) 2-Chlorophenol              | 8.38  | 128 | 188348  | 51.732  | ng | # 81   |
| 9) Benzaldehyde                | 7.92  | 77  | 72087m  | 29.378  | ng |        |
| 10) Phenol                     | 7.96  | 94  | 213692  | 51.940  | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 8.22  | 93  | 146074  | 42.751  | ng | # 81   |
| 12) 1,3-Dichlorobenzene        | 8.72  | 146 | 200567m | 44.361  | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.86  | 146 | 199189m | 43.128  | ng |        |
| 14) 1,2-Dichlorobenzene        | 9.20  | 146 | 192524  | 43.993  | ng | 97     |
| 15) Benzyl Alcohol             | 9.06  | 79  | 150173  | 49.090  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.36  | 45  | 157465  | 56.591  | ng | 79     |
| 17) 2-Methylphenol             | 9.26  | 107 | 154178  | 52.374  | ng | 96     |
| 18) Hexachloroethane           | 9.96  | 117 | 61862   | 44.224  | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 9.65  | 70  | 115088m | 41.353  | ng |        |
| 20) 3+4-Methylphenols          | 9.60  | 107 | 208028  | 49.721  | ng | 96     |
| 22) Acetophenone               | 9.68  | 105 | 261578m | 46.000  | ng |        |
| 24) Nitrobenzene               | 10.07 | 77  | 162034  | 48.504  | ng | # 83   |
| 25) Isophorone                 | 10.60 | 82  | 328926  | 47.140  | ng | # 85   |
| 26) 2-Nitrophenol              | 10.80 | 139 | 91825   | 52.425  | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 10.84 | 122 | 195933  | 53.159  | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 11.09 | 93  | 212919  | 45.476  | ng | 93     |
| 29) 2,4-Dichlorophenol         | 11.34 | 162 | 223975  | 51.763  | ng | 90     |
| 30) 1,2,4-Trichlorobenzene     | 11.57 | 180 | 235358  | 44.548  | ng | 96     |
| 31) Naphthalene                | 11.77 | 128 | 553352  | 44.797  | ng | 99     |
| 32) Benzoic acid               | 10.97 | 122 | 127541  | 50.361  | ng | # 81   |
| 33) 4-Chloroaniline            | 11.86 | 127 | 165630  | 30.117  | ng | # 91   |
| 34) Hexachlorobutadiene        | 12.04 | 225 | 154788  | 42.676  | ng | 98     |
| 35) Caprolactam                | 12.61 | 113 | 67602   | 51.543  | ng | # 50   |
| 36) 4-Chloro-3-methylphenol    | 12.93 | 107 | 197542  | 49.432  | ng | # 83   |
| 37) 2-Methylnaphthalene        | 13.33 | 142 | 464744  | 46.411  | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.68 | 216 | 316499  | 43.587  | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.66 | 237 | 404713  | 105.651 | ng | 93     |

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
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 PB105239BS

Manual Integrations  
 APPROVED

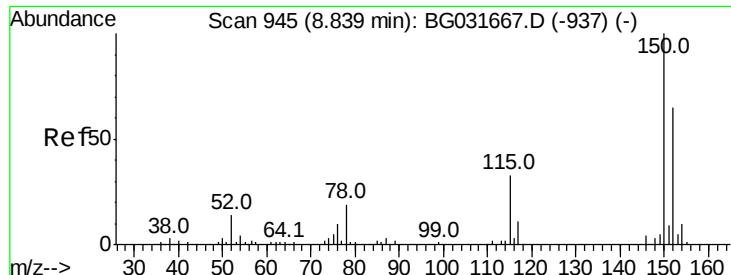
Sohil  
 12/22/2017 12:44:07 PM

Quant Time: Dec 22 00:40:13 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 14:09:19 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.91 | 196  | 204407   | 48.824  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.98 | 196  | 218153   | 47.019  | nq    | # 91     |
| 45) 1,1'-Biphenyl              | 14.31 | 154  | 665480   | 45.197  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 14.36 | 162  | 498562   | 44.392  | nq    | 94       |
| 47) 2-Nitroaniline             | 14.54 | 65   | 98223    | 50.639  | nq    | # 56     |
| 48) Acenaphthylene             | 15.19 | 152  | 758019   | 42.188  | nq    | 99       |
| 49) Dimethylphthalate          | 14.90 | 163  | 656907   | 43.254  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.02 | 165  | 141970   | 50.815  | nq    | # 65     |
| 51) Acenaphthene               | 15.53 | 154  | 551356   | 46.855  | nq    | 94       |
| 52) 3-Nitroaniline             | 15.35 | 138  | 95063    | 34.875  | nq    | # 72     |
| 53) 2,4-Dinitrophenol          | 15.55 | 184  | 144547   | 117.799 | nq    | # 68     |
| 54) Dibenzofuran               | 15.86 | 168  | 790091   | 43.801  | nq    | 98       |
| 55) 4-Nitrophenol              | 15.63 | 139  | 235903   | 106.333 | nq    | # 67     |
| 56) 2,4-Dinitrotoluene         | 15.80 | 165  | 197207   | 54.894  | nq    | # 63     |
| 57) Fluorene                   | 16.50 | 166  | 631976   | 43.128  | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.07 | 232  | 230888   | 51.006  | nq    | # 84     |
| 59) Diethylphthalate           | 16.24 | 149  | 642918   | 43.433  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 16.48 | 204  | 389097   | 43.397  | nq    | 91       |
| 61) 4-Nitroaniline             | 16.50 | 138  | 128478   | 48.301  | nq    | 82       |
| 62) Azobenzene                 | 16.78 | 77   | 422161   | 44.470  | nq    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 16.56 | 198  | 92766    | 44.503  | nq    | # 64     |
| 65) n-Nitrosodiphenylamine     | 16.69 | 169  | 597816   | 41.317  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 17.38 | 248  | 279356   | 44.344  | nq    | 92       |
| 67) Hexachlorobenzene          | 17.50 | 284  | 285059   | 44.264  | nq    | # 90     |
| 68) Atrazine                   | 17.62 | 200  | 264569   | 47.026  | nq    | 96       |
| 69) Pentachlorophenol          | 17.84 | 266  | 386821   | 87.327  | nq    | 98       |
| 70) Phenanthrene               | 18.24 | 178  | 1074780  | 43.594  | nq    | 99       |
| 71) Anthracene                 | 18.34 | 178  | 1106302  | 44.483  | nq    | 99       |
| 72) Carbazole                  | 18.59 | 167  | 974850   | 44.287  | nq    | 99       |
| 73) Di-n-butylphthalate        | 19.11 | 149  | 1079241  | 44.118  | nq    | 99       |
| 74) Fluoranthene               | 20.20 | 202  | 1352529  | 44.710  | nq    | 96       |
| 76) Benzidine                  | 20.36 | 184  | 484085   | 32.085  | nq    | 96       |
| 77) Pyrene                     | 20.56 | 202  | 1355893  | 43.425  | nq    | 97       |
| 79) Butylbenzylphthalate       | 21.44 | 149  | 475196   | 45.336  | nq    | # 72     |
| 80) Benzo(a)anthracene         | 22.54 | 228  | 1379446  | 44.364  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.43 | 252  | 409652   | 33.980  | nq    | # 97     |
| 82) Chrysene                   | 22.62 | 228  | 1306457  | 44.407  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.41 | 149  | 674177   | 44.395  | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 23.84 | 149  | 1179563  | 46.122  | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.77 | 276  | 1789071  | 47.401  | nq    | # 87     |
| 87) Benzo(b)fluoranthene       | 25.15 | 252  | 1476098  | 44.541  | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 25.23 | 252  | 1456854  | 43.926  | nq    | # 96     |
| 89) Benzo(a)pyrene             | 26.18 | 252  | 1455108  | 45.846  | nq    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 30.87 | 278  | 1488511  | 45.409  | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 30.77 | 276  | 1789071  | 46.227  | nq    | # 94     |

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





#1

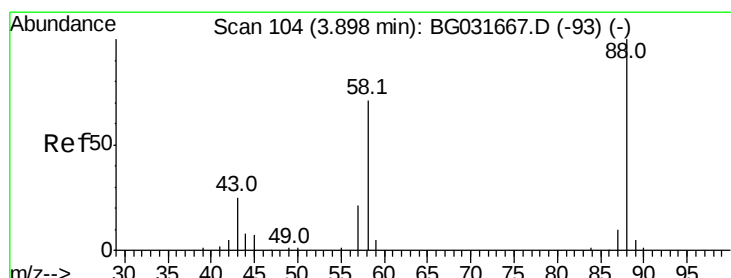
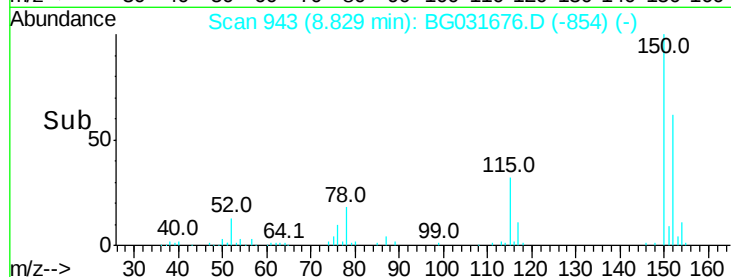
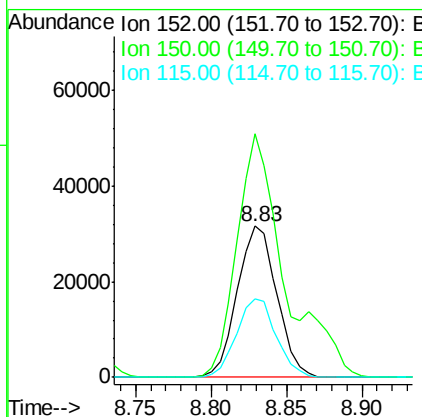
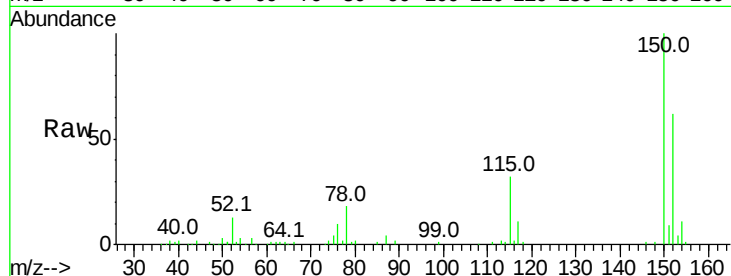
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng m  
RT: 8.83 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.2 | 126.6 | 189.8 |
| 115     | 52.0  | 53.0  | 79.4# |

Manual Integrations  
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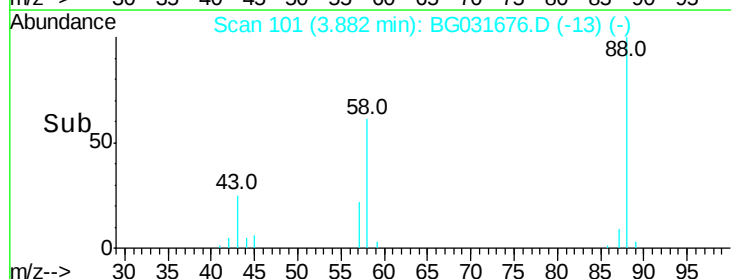
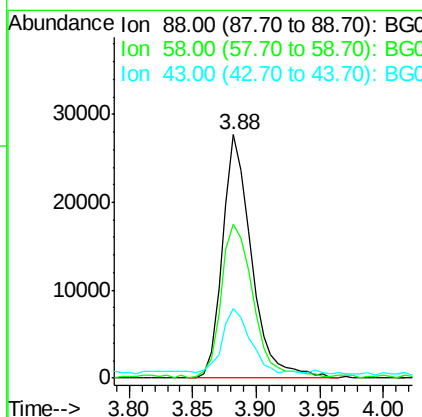
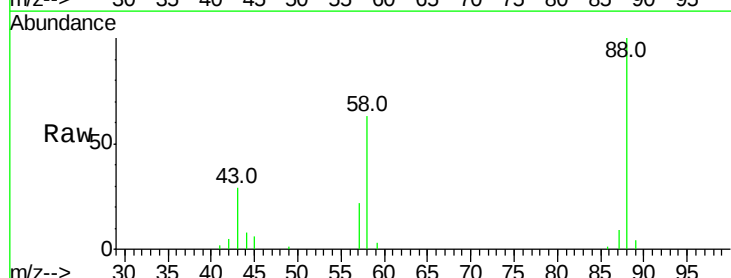
Sohil  
12/22/2017 12:44:07 PM



#2

1,4-Dioxane  
Concen: 37.580 ng  
RT: 3.88 min Scan# 101  
Delta R.T. -0.02 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 71.0  | 79.6  | 119.4# |
| 43      | 25.6  | 27.4  | 41.0#  |





#3

Pvridine

Concen: 40.409 ng

RT: 4.34 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

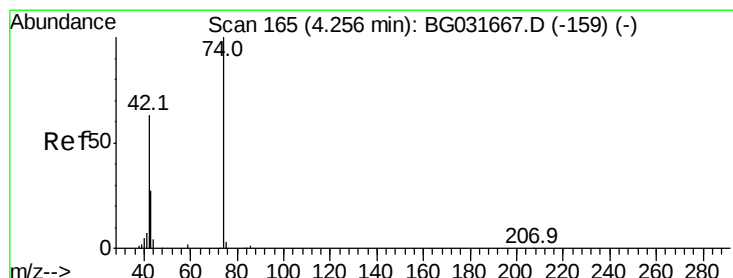
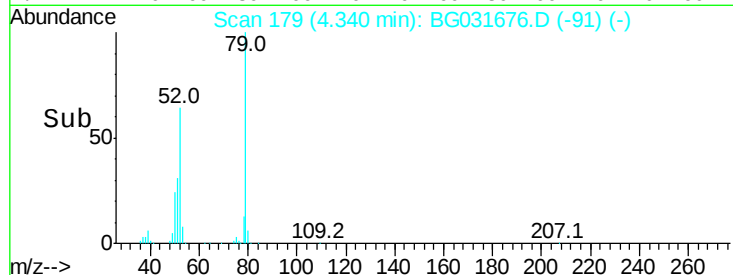
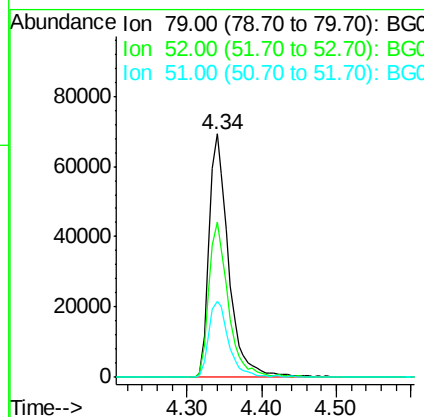
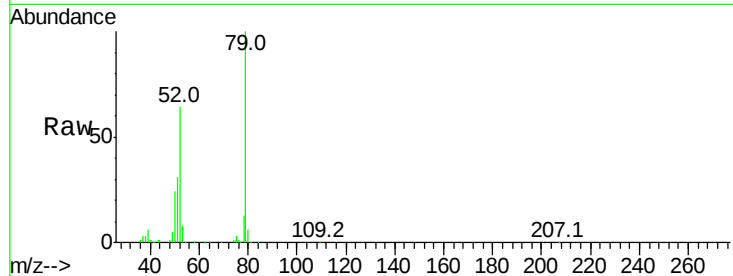
ClientSampleId :

PB105239BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       |        |       |       |
| 52      | 64.0 | 69.9  | 104.9# |       |       |
| 51      | 31.0 | 34.0  | 51.0#  |       |       |

Manual Integrations  
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12/22/2017 12:44:07 PM



#4

n-Nitrosodimethylamine

Concen: 45.268 ng

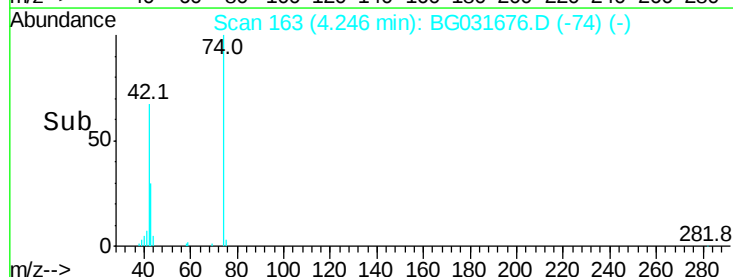
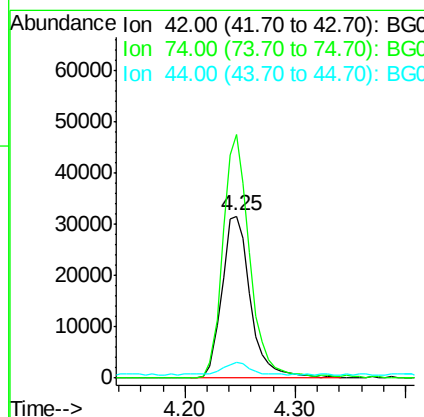
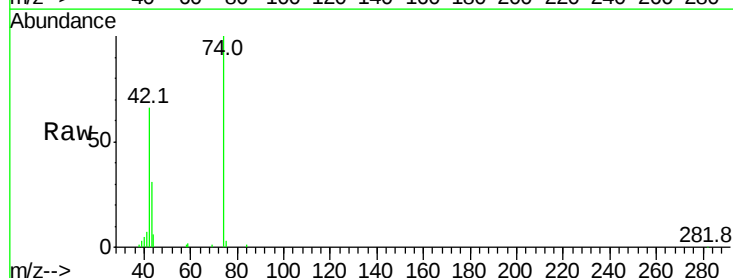
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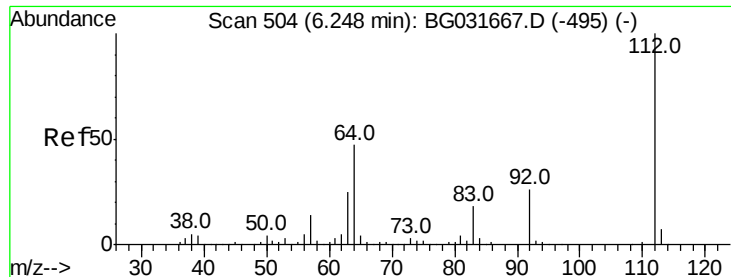
Delta R.T. -0.01 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |       |
| 74      | 150.5 | 102.5 | 153.7 |       |       |
| 44      | 9.5   | 18.9  | 28.3# |       |       |





#5

2-Fluorophenol

Concen: 155.486 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

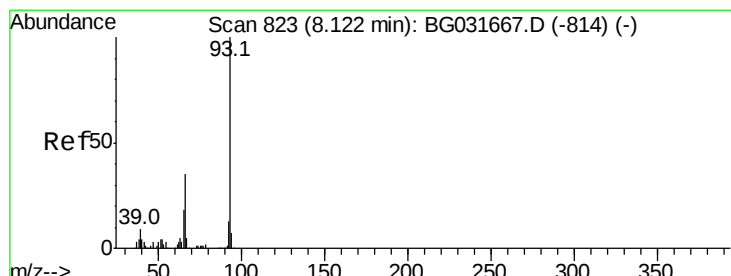
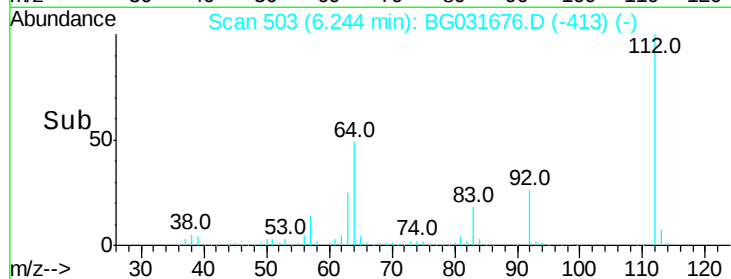
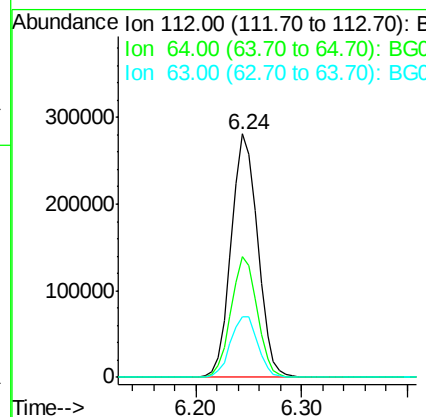
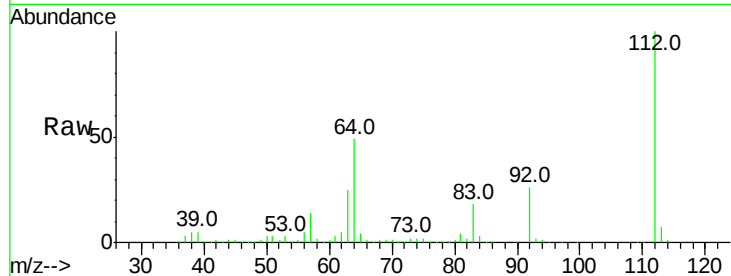
ClientSampleId :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 488025 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 49.4  | 56.3  | 84.5#  |
| 63        | 24.8  | 30.1  | 45.1#  |

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#6

Aniline

Concen: 33.199 ng

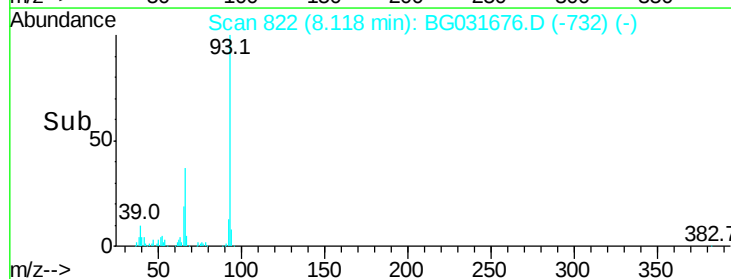
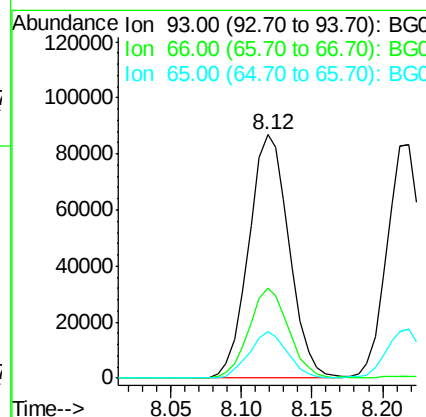
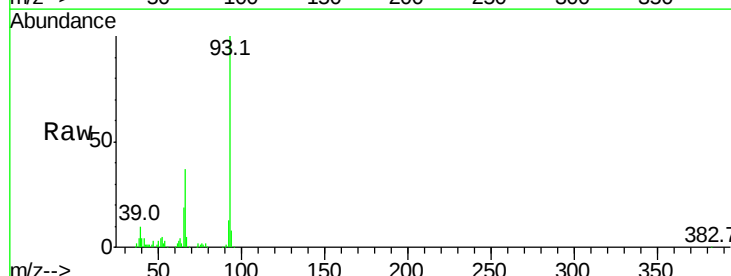
RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 174060 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.9  | 33.7  | 50.5   |
| 65        | 19.0  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 151.265 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

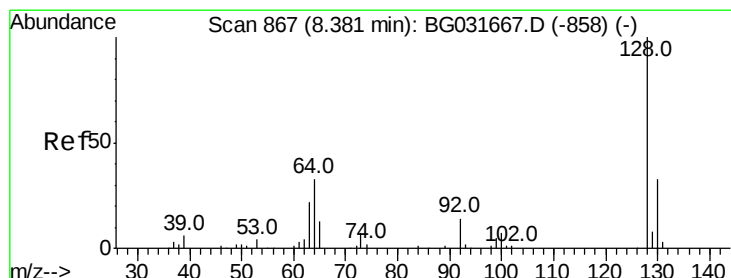
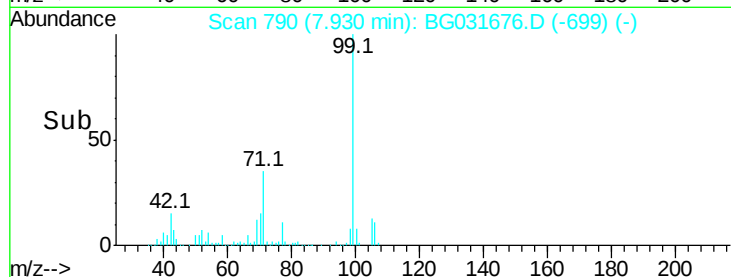
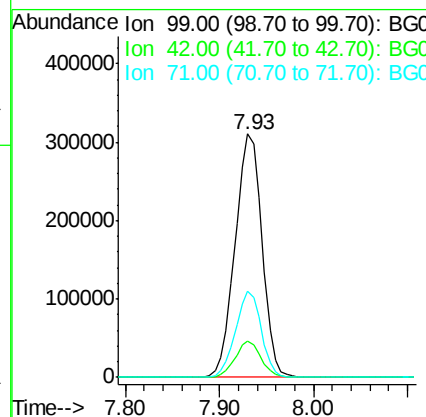
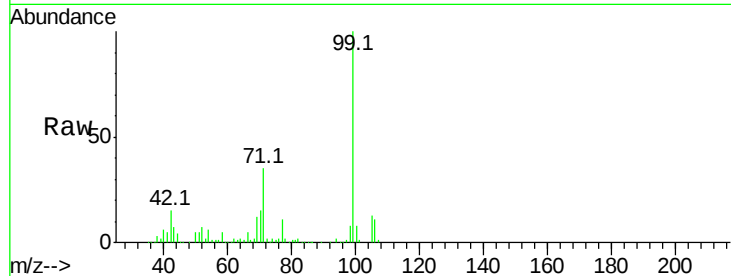
ClientSampleId :

PB105239BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 616418 |       |       |
| 42      | 14.8 | 14.1  | 21.1   |       |       |
| 71      | 35.4 | 26.1  | 39.1   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 51.732 ng

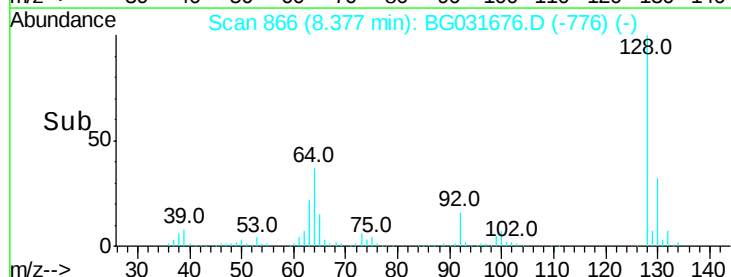
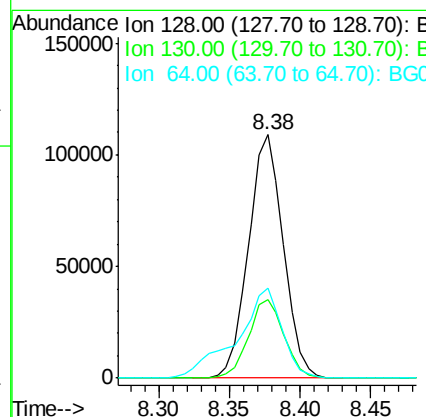
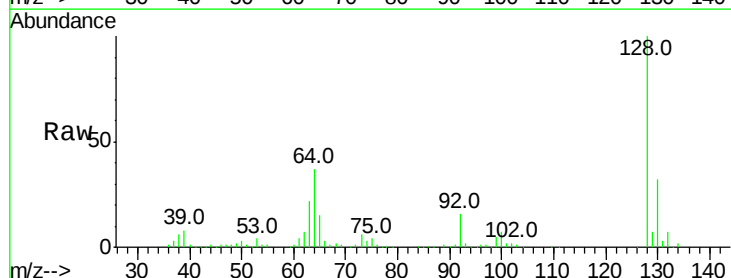
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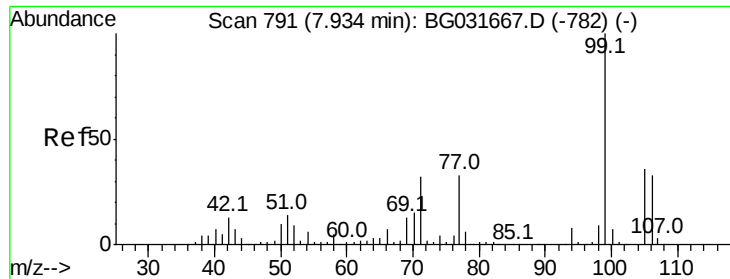
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 188348 |       |       |
| 130     | 32.0 | 14.0  | 54.0   |       |       |
| 64      | 37.0 | 37.7  | 77.7   |       |       |





#9

Benzaldehyde

Concen: 29.378 ng/mL

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

ClientSampleID :

PB105239BS

Tot Ion: 77 Resp: 72087

Ion Ratio Lower Upper

77 100

105 107.4 71.3 111.3

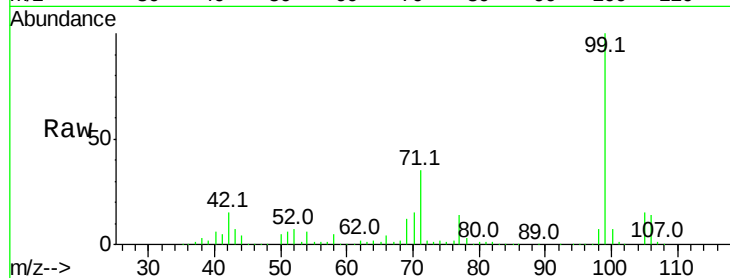
106 104.0 64.2 104.2

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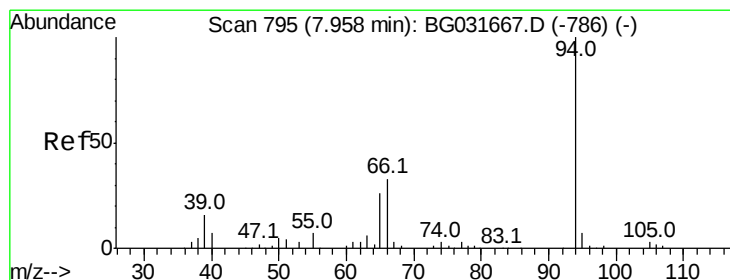
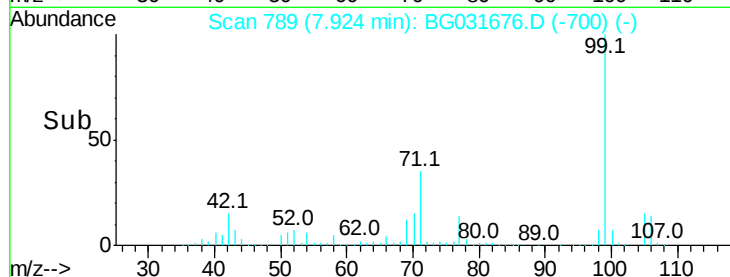
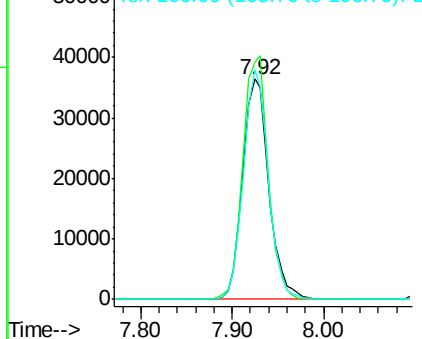
12/22/2017 12:44:07 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.940 ng/mL

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

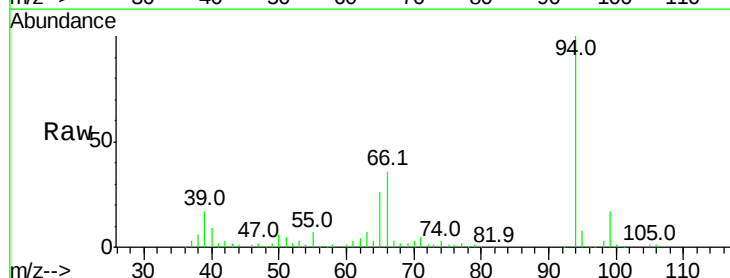
Tgt Ion: 94 Resp: 213692

Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

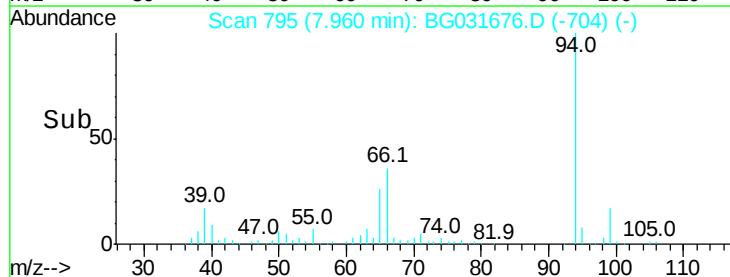
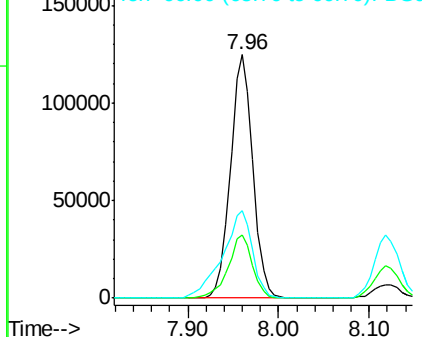
66 35.9 22.2 62.2

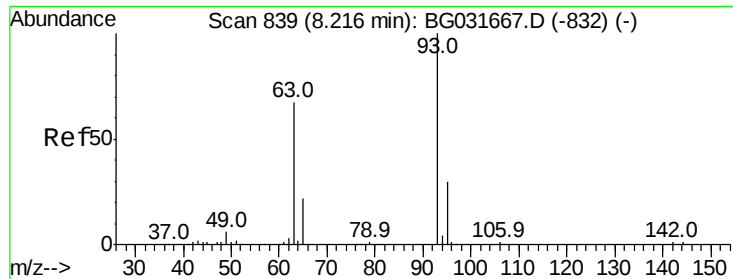


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.751 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

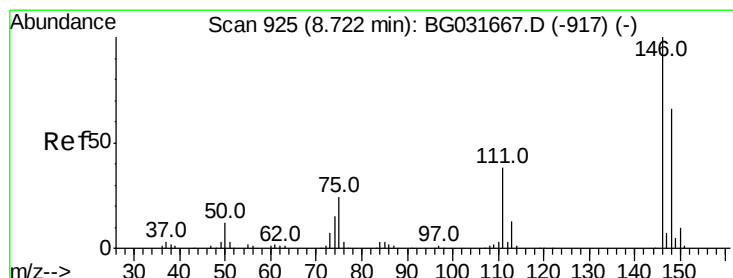
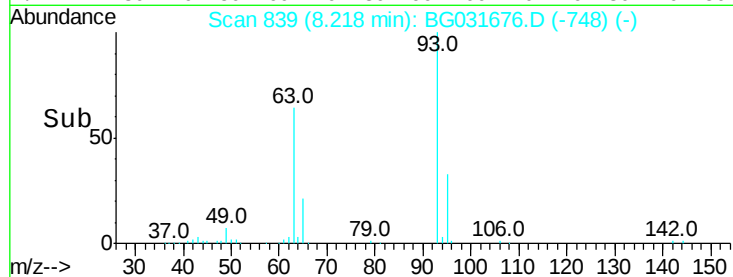
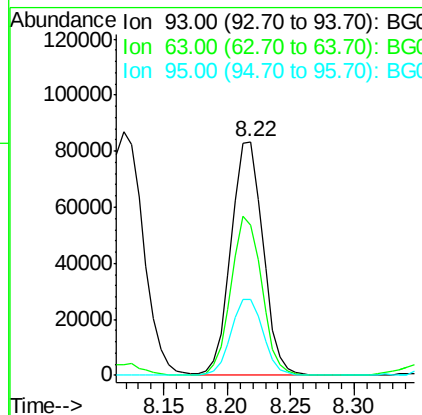
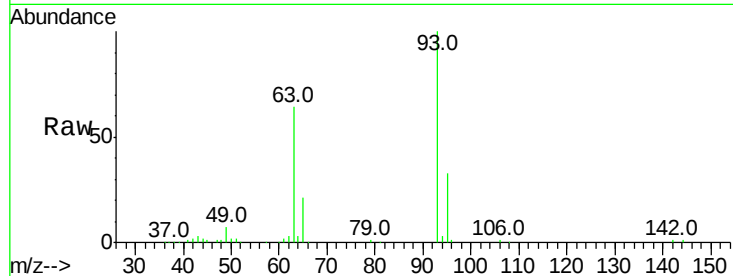
ClientSampleId :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 146074 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 64.2  | 67.1  | 107.1# |
| 95        | 32.7  | 11.5  | 51.5   |

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#12

1,3-Dichlorobenzene

Concen: 44.361 ng m

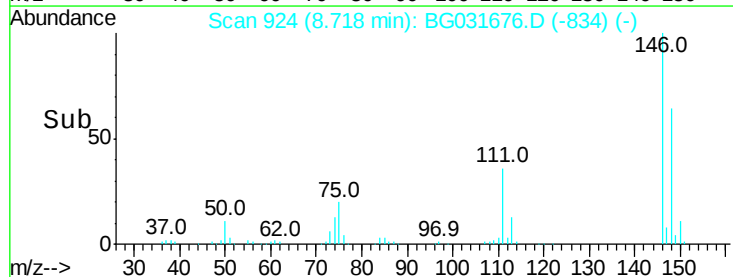
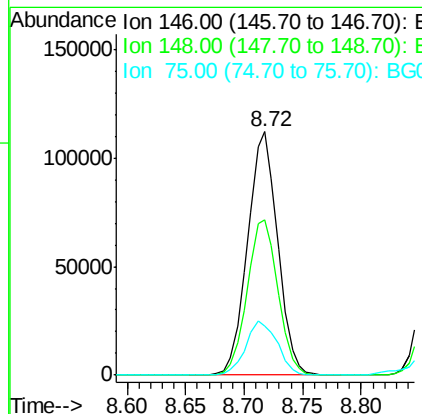
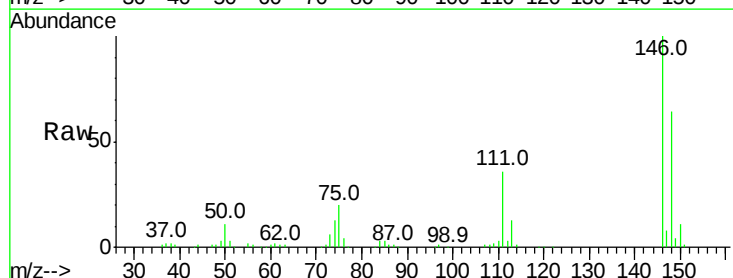
RT: 8.72 min Scan# 924

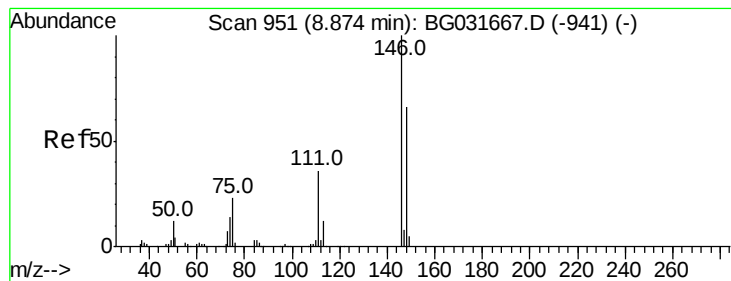
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 200567 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 51.4  | 77.2   |
| 75        | 20.3  | 26.6  | 39.8#  |





#13

1,4-Dichlorobenzene

Concen: 43.128 ng/mL

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

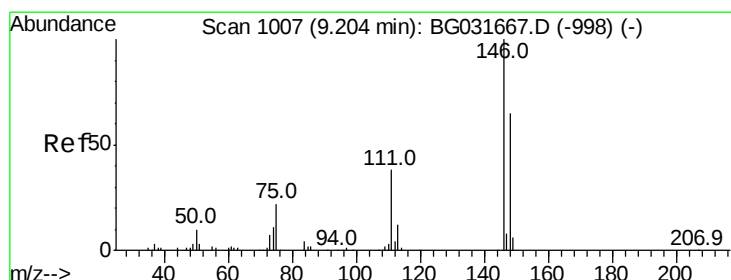
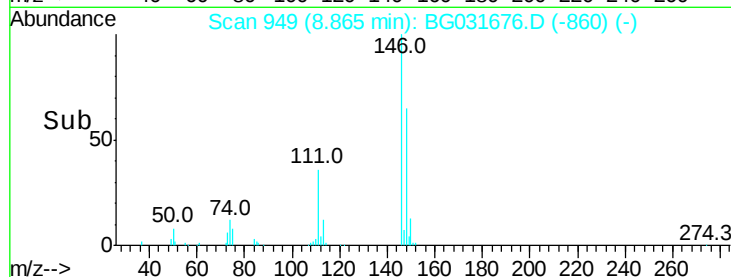
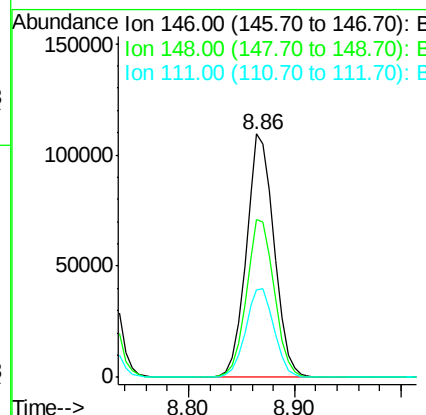
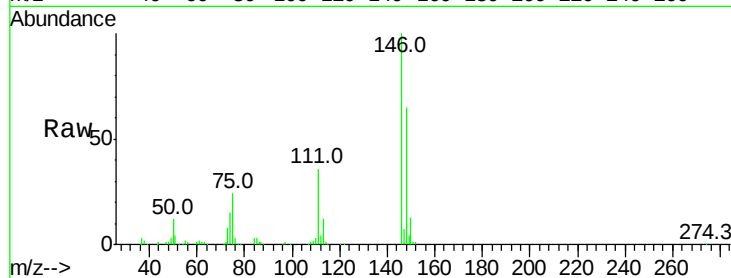
ClientSampled :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 199189 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.9  | 53.7  | 80.5   |
| 111       | 35.8  | 35.2  | 52.8   |

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#14

1,2-Dichlorobenzene

Concen: 43.993 ng/mL

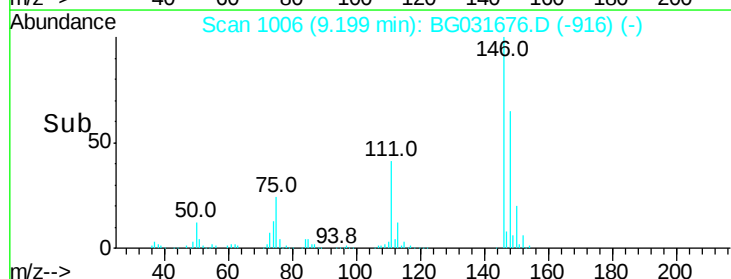
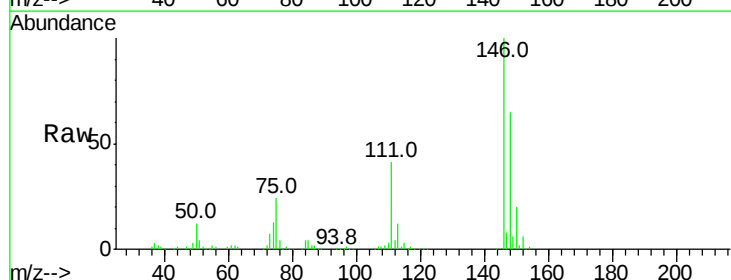
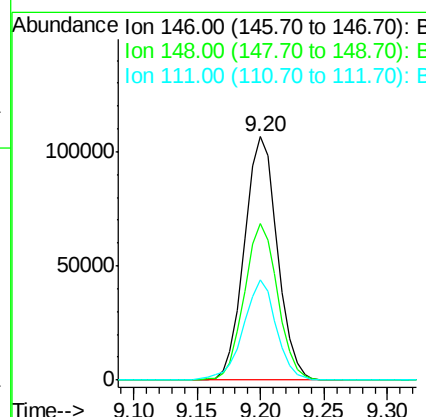
RT: 9.20 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 192524 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 49.3  | 73.9   |
| 111       | 41.0  | 34.3  | 51.5   |





#15

Benzyl Alcohol

Concen: 49.090 ng

RT: 9.06 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

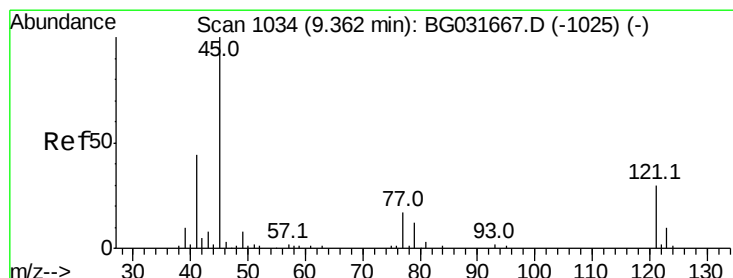
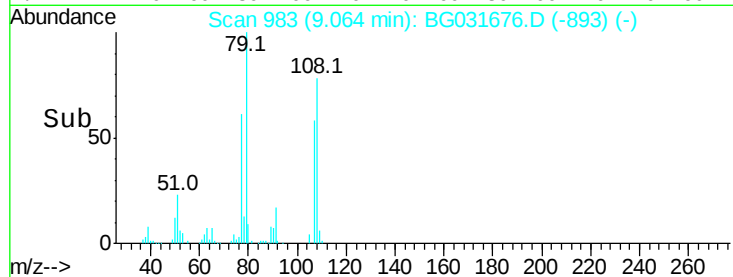
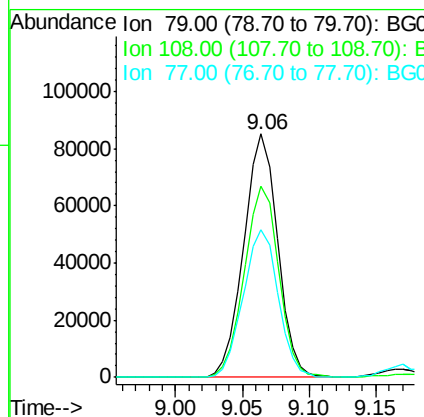
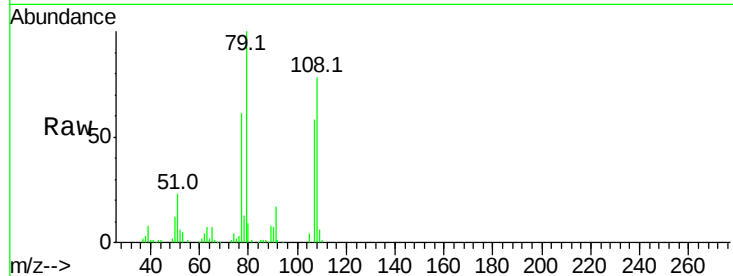
ClientSampled :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 150173 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.4  | 57.2  | 85.8   |
| 77        | 60.5  | 46.1  | 69.1   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 56.591 ng

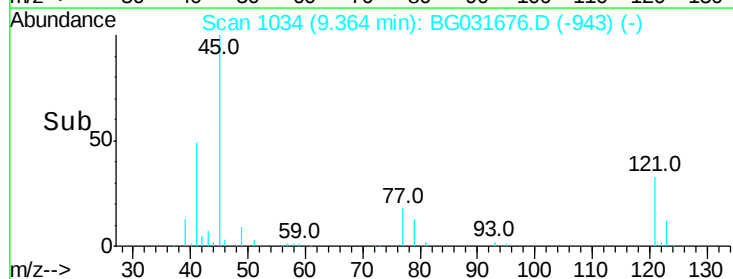
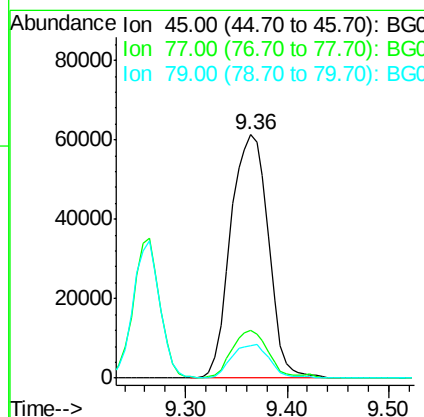
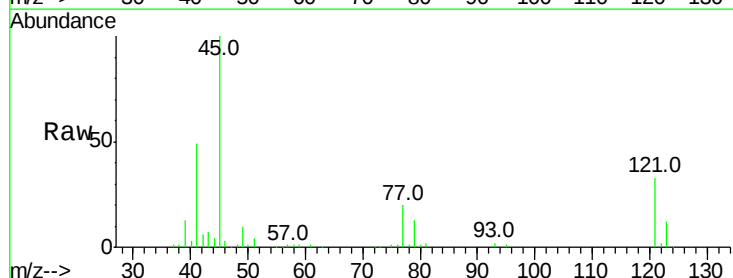
RT: 9.36 min Scan# 1034

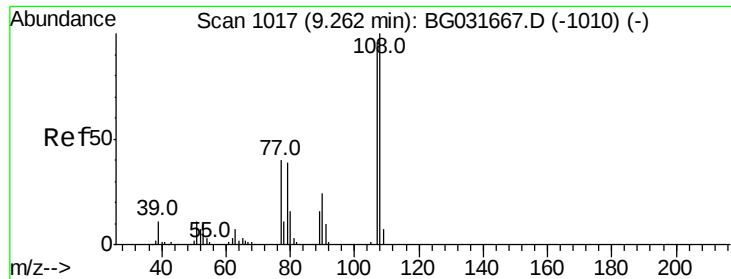
Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 157465 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 19.8  | 0.0   | 30.2   |
| 79        | 13.3  | 0.0   | 27.9   |





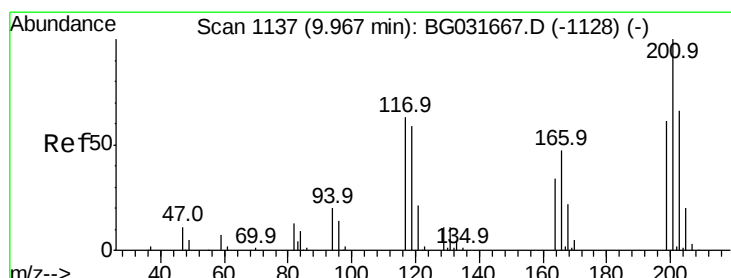
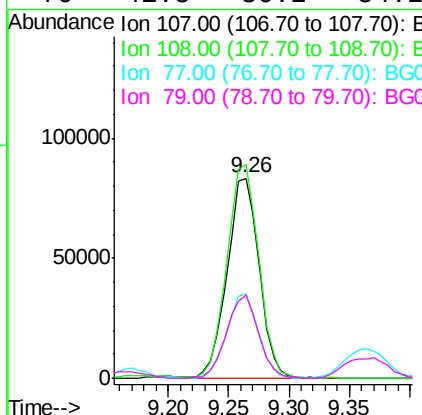
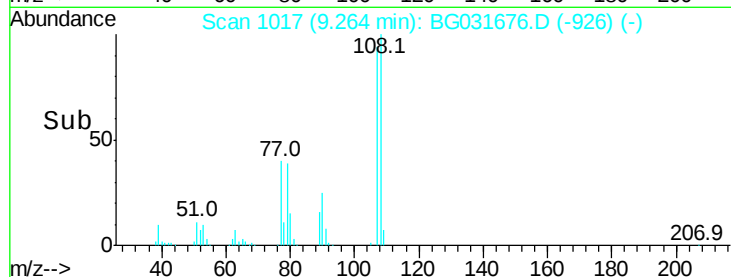
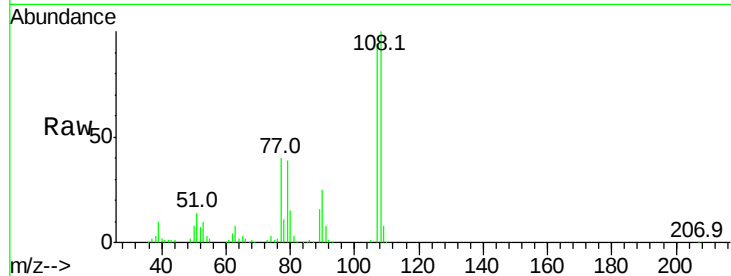
#17  
2-Methylphenol  
Concen: 52.374 ng  
RT: 9.26 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 154178 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 106.7 | 83.9  | 125.9  |
| 77        | 42.2  | 37.2  | 55.8   |
| 79        | 41.5  | 36.2  | 54.2   |

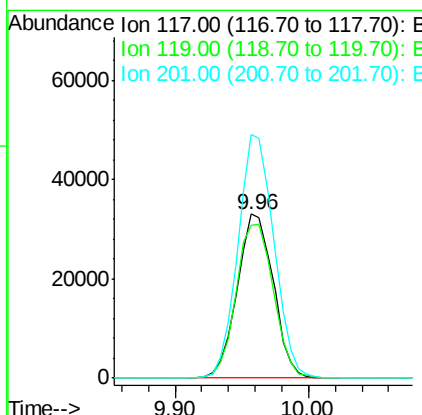
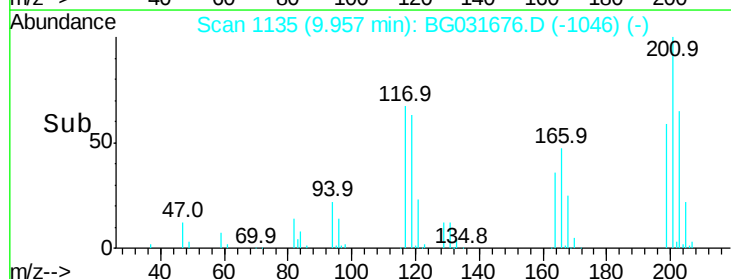
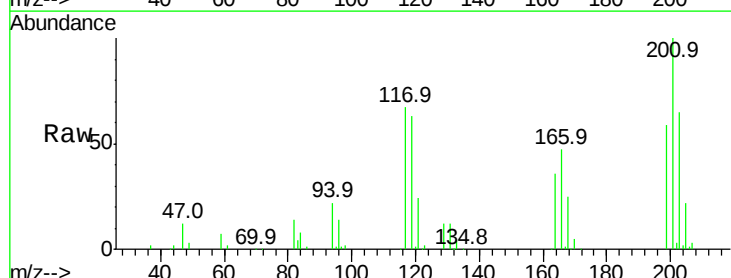
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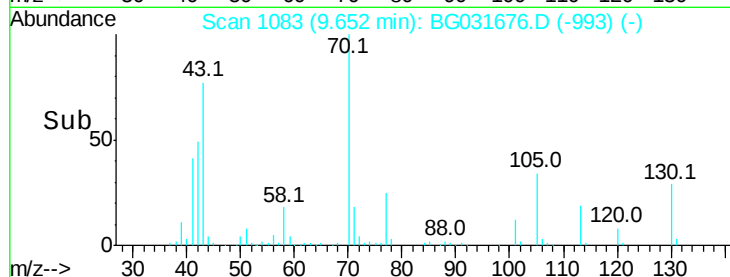
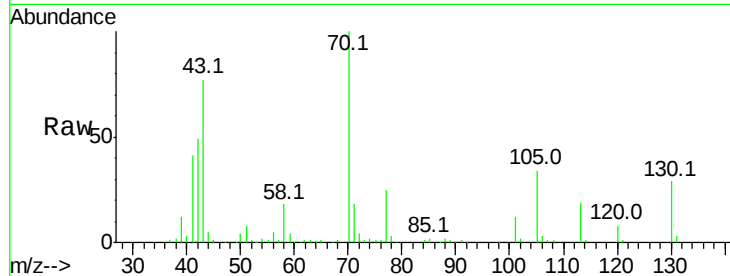
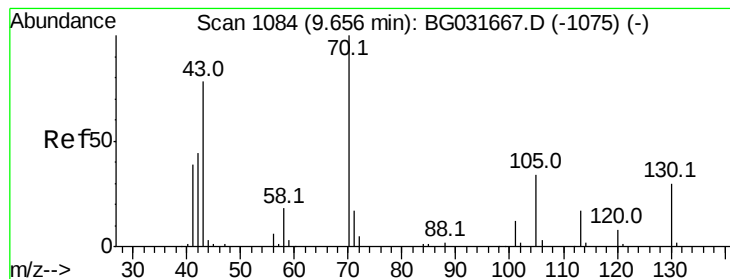
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#18  
Hexachloroethane  
Concen: 44.224 ng  
RT: 9.96 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 61862  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 92.9  | 76.7  | 115.1  |
| 201       | 148.3 | 95.7  | 143.5# |





#19

n-Nitroso-di-n-propylamine

Concen: 41.353 ng/ml

RT: 9.65 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.1  | 49.1  | 73.7  |
| 101     | 11.8  | 8.5   | 12.7  |
| 130     | 29.1  | 13.4  | 20.0  |

Instrument :

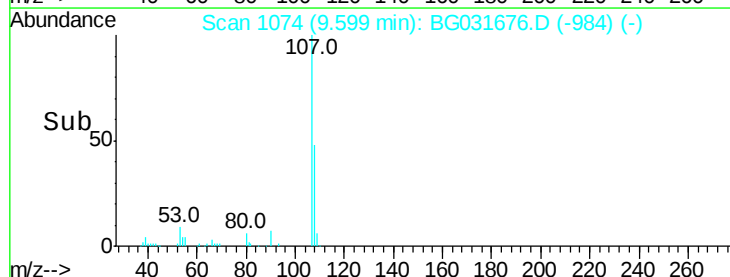
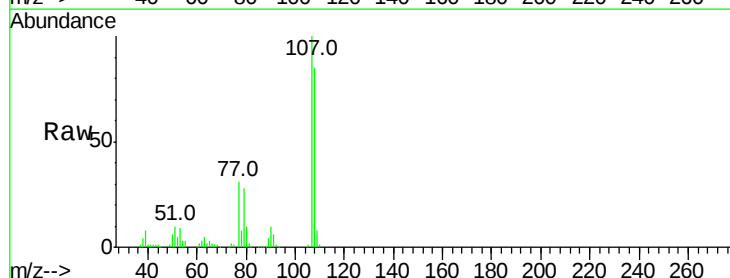
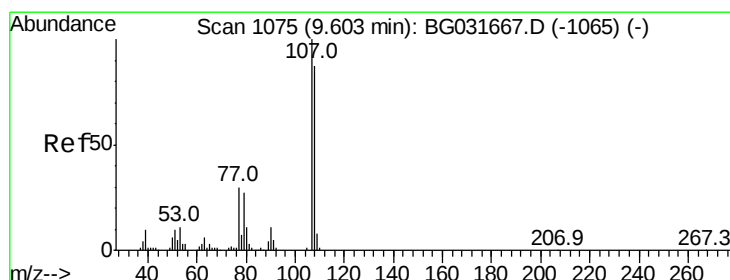
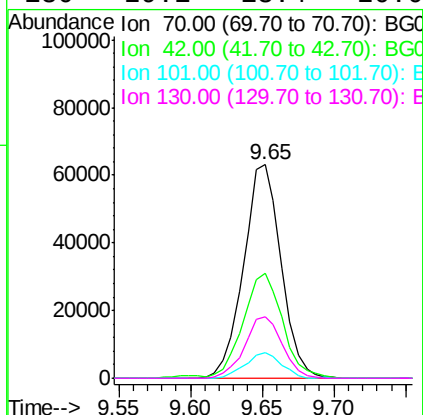
BNA\_G

ClientSampled :

PB105239BS

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#20

3+4-Methylphenols

Concen: 49.721 ng/ml

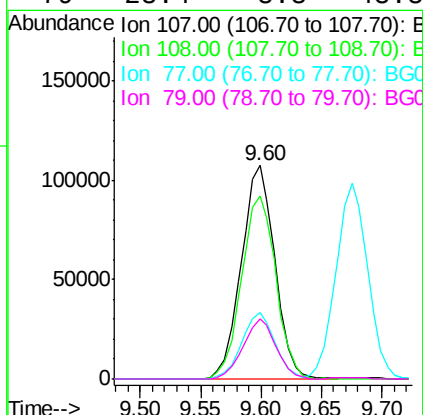
RT: 9.60 min Scan# 1074

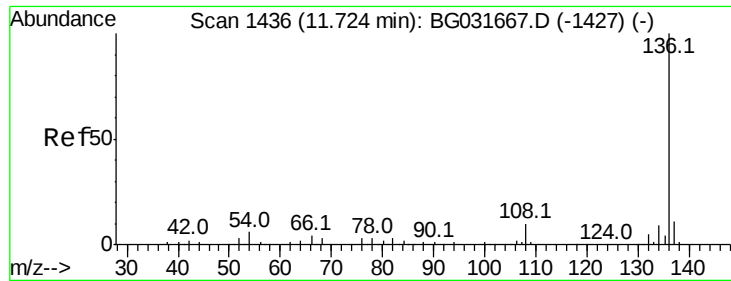
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.4  | 61.6  | 101.6 |
| 77      | 31.0  | 13.9  | 53.9  |
| 79      | 28.4  | 8.8   | 48.8  |





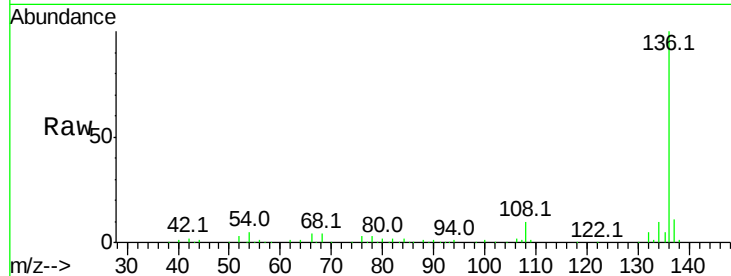
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.72 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

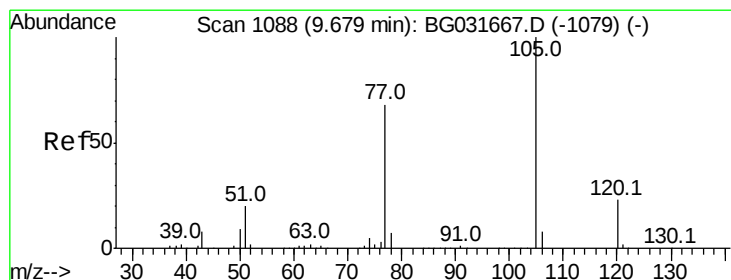
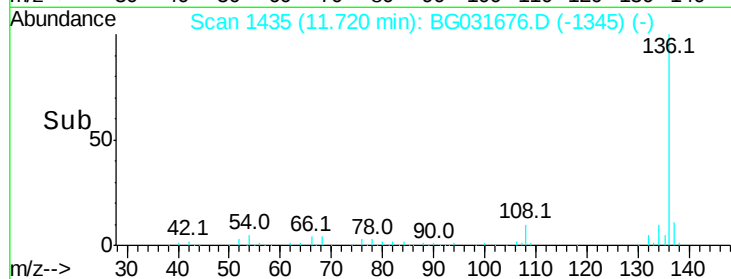
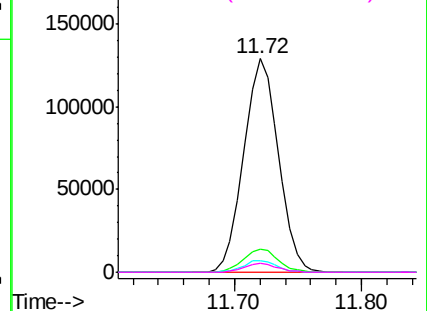
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.0  | 9.2  | 13.8  |       |
| 54      | 5.4   | 10.3 | 15.5# |       |
| 68      | 4.2   | 4.5  | 6.7#  |       |

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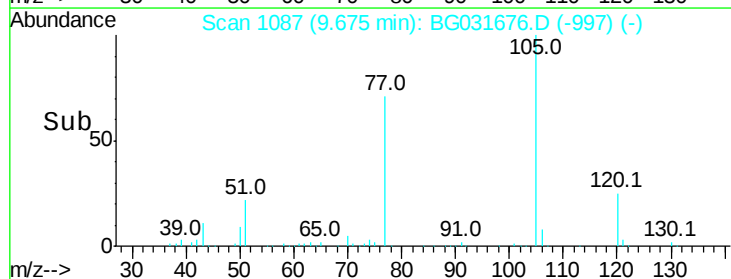
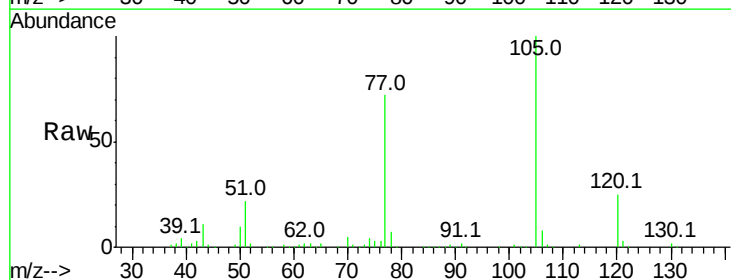
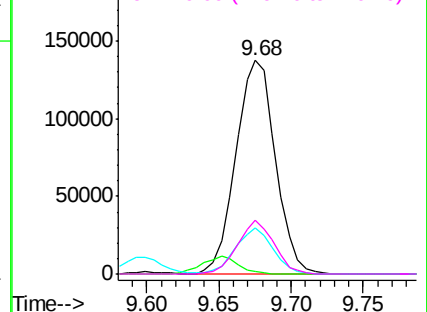
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

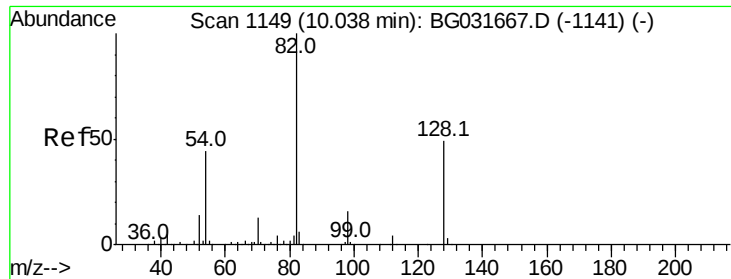


#22  
Acetophenone  
Concen: 46.000 ng m  
RT: 9.68 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.0   | 3.0  | 4.4#  |       |
| 51      | 21.8  | 26.1 | 39.1# |       |
| 120     | 25.0  | 17.4 | 26.2  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





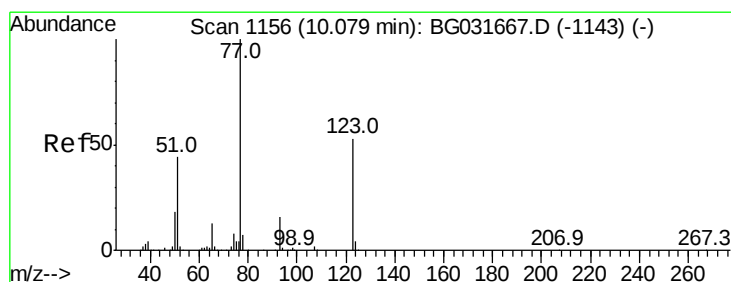
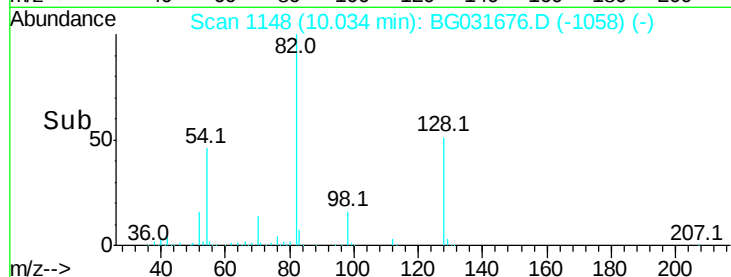
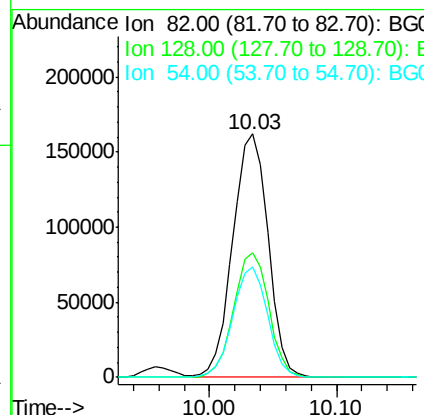
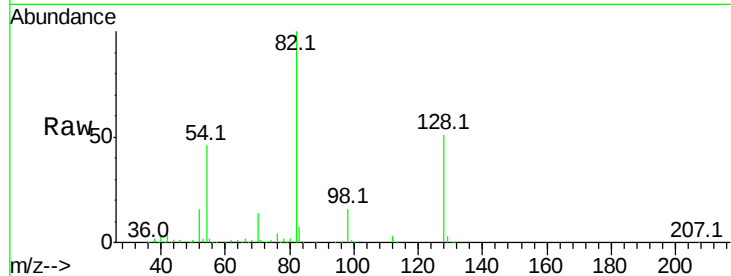
#23  
 Nitrobenzene-d5  
 Concen: 96.482 ng  
 RT: 10.03 min Scan# 1148  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.1  | 29.7  | 44.5# |
| 54      | 45.5  | 43.1  | 64.7  |

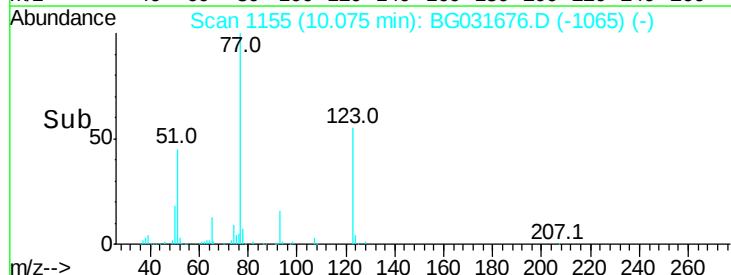
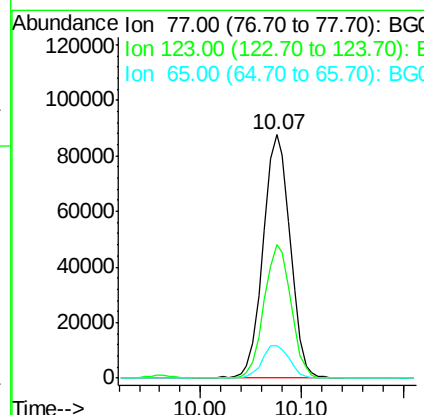
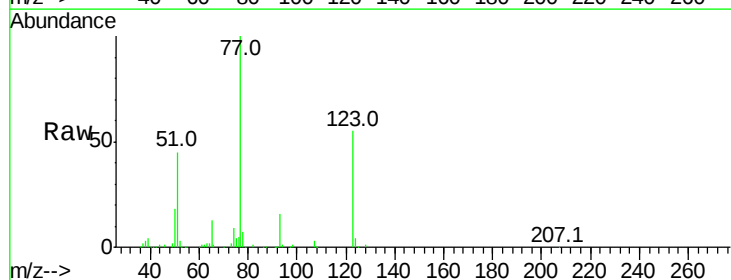
Manual Integrations  
 APPROVED

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#24  
 Nitrobenzene  
 Concen: 48.504 ng  
 RT: 10.07 min Scan# 1155  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 54.7  | 33.0  | 49.6# |
| 65      | 13.1  | 13.0  | 19.6  |





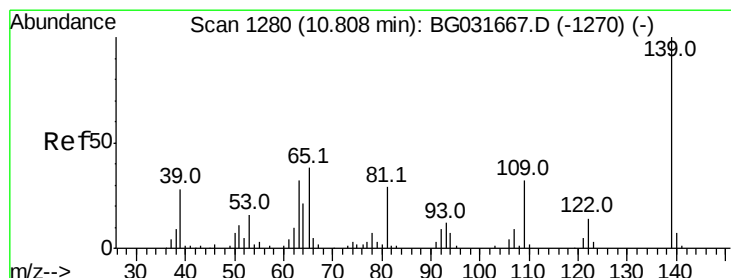
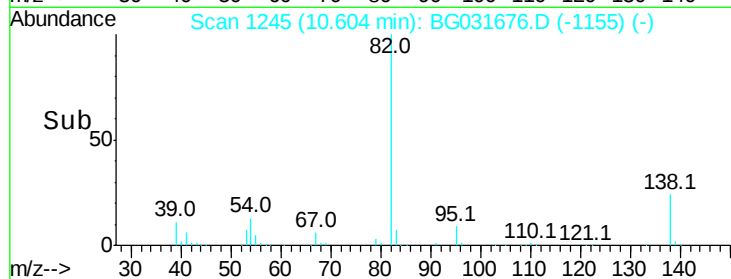
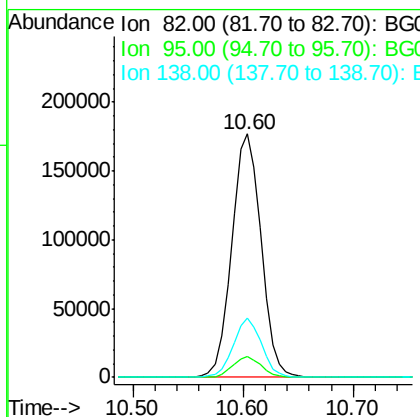
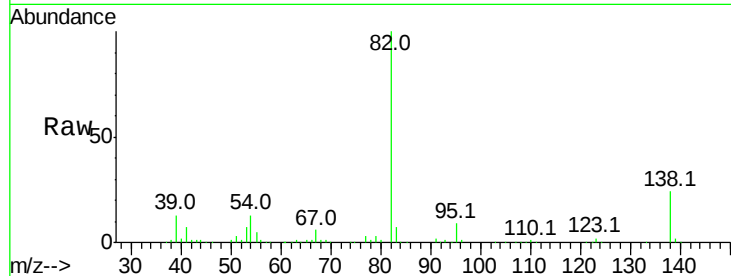
#25  
Isophorone  
Concen: 47.140 ng  
RT: 10.60 min Scan# 1245  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion   | 82   | Resp  | 328926 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 8.7  | 6.2   | 9.2    |
| 138       | 24.1 | 12.1  | 18.1#  |

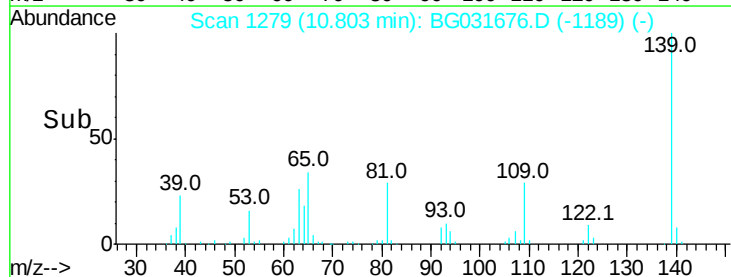
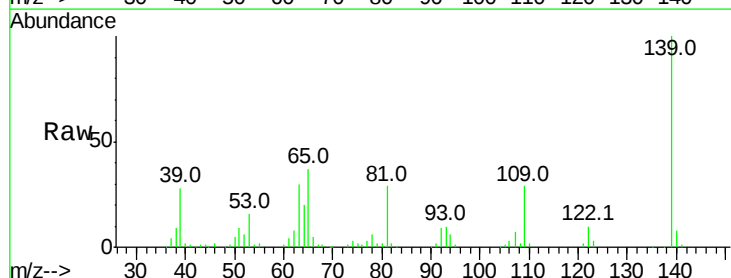
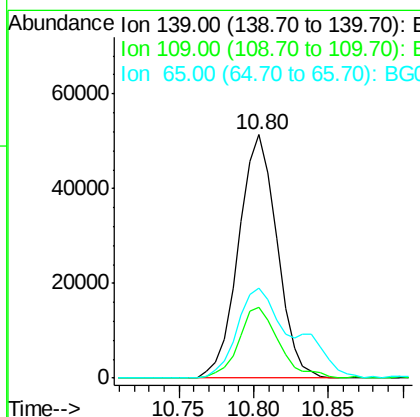
Manual Integrations  
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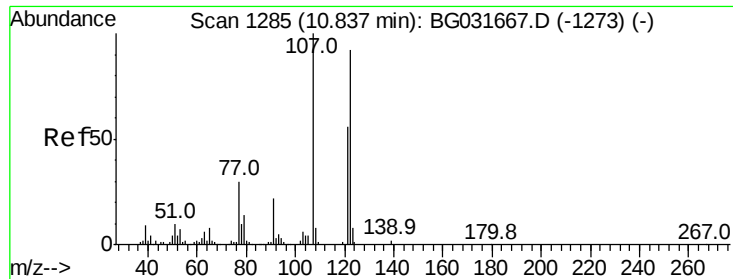
Sohil  
12/22/2017 12:44:07 PM



#26  
2-Nitrophenol  
Concen: 52.425 ng  
RT: 10.80 min Scan# 1279  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion   | 139  | Resp  | 91825 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 28.9 | 24.2  | 36.2  |
| 65        | 36.9 | 47.4  | 71.0# |





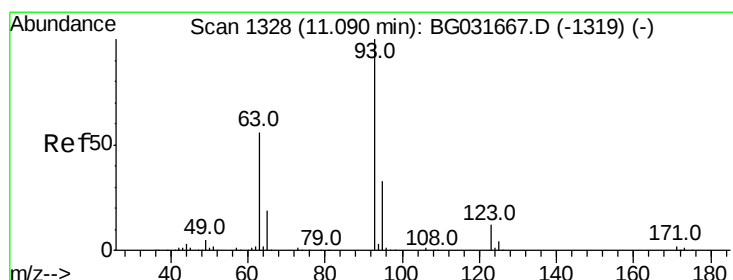
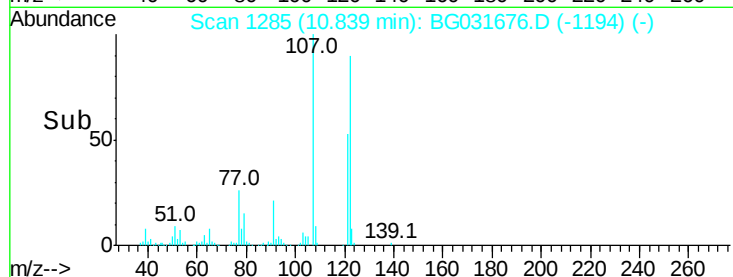
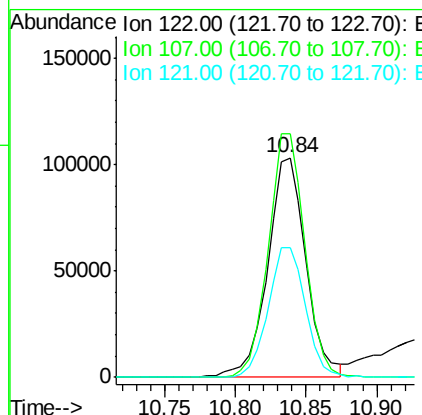
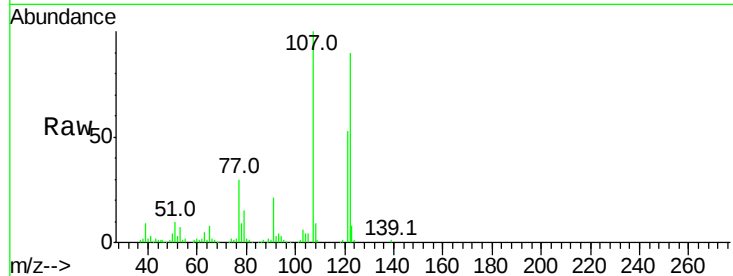
#27  
2,4-Dimethylphenol  
Concen: 53.159 ng  
RT: 10.84 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.9 | 100.2 | 150.2 |
| 121     | 58.9  | 44.4  | 66.6  |

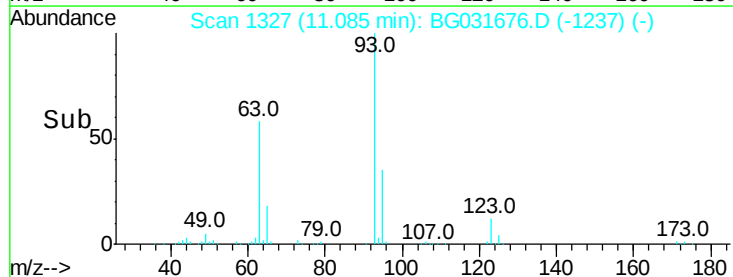
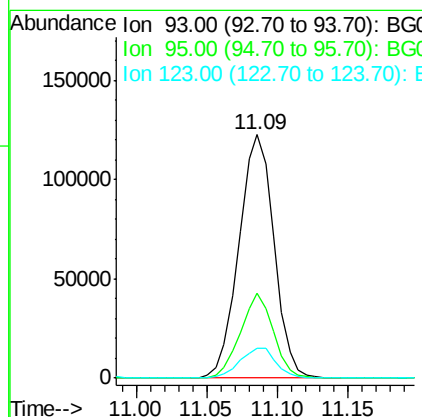
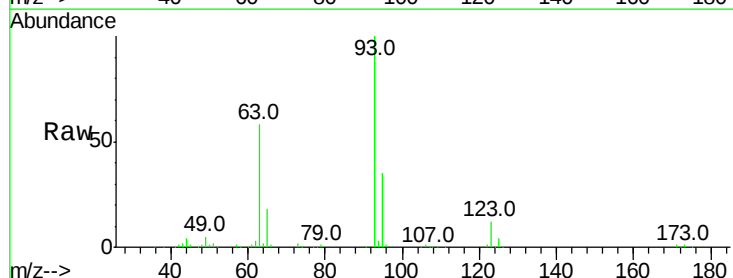
Manual Integrations  
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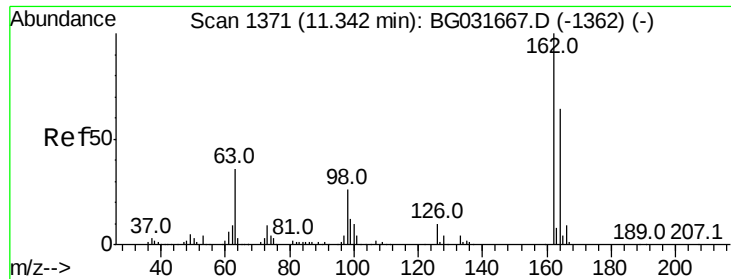
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 45.476 ng  
RT: 11.09 min Scan# 1327  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.8  | 24.3  | 36.5  |
| 123     | 12.3  | 8.4   | 12.6  |





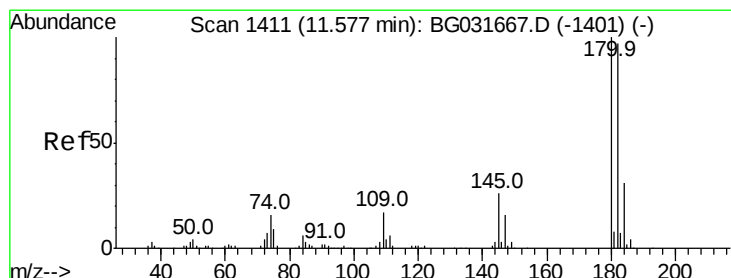
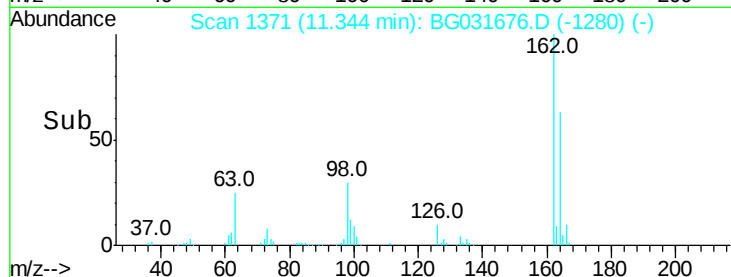
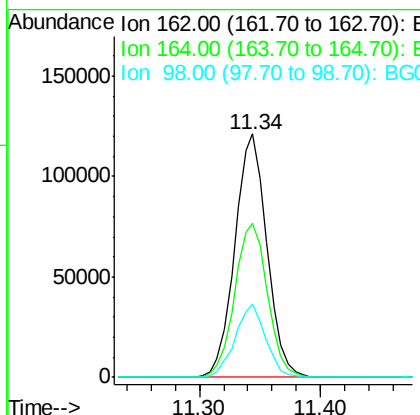
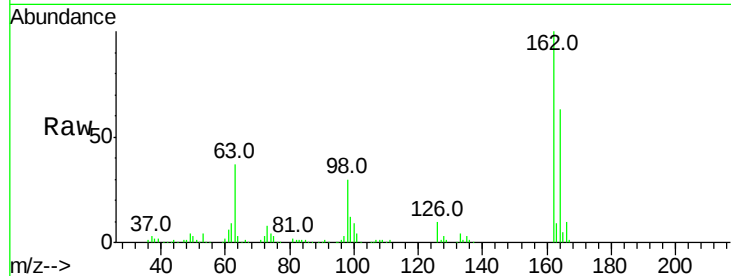
#29  
2,4-Dichlorophenol  
Concen: 51.763 ng  
RT: 11.34 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.2  | 48.0       | 88.0       |
| 98      | 30.3  | 21.1       | 61.1       |

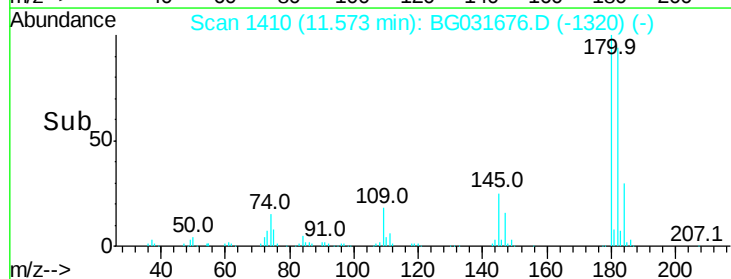
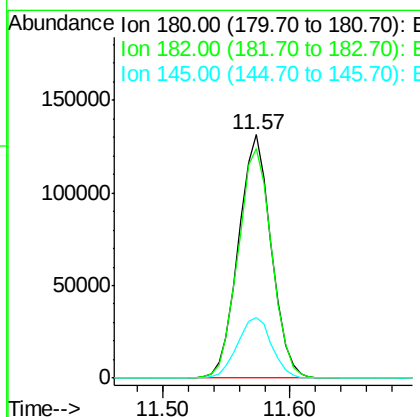
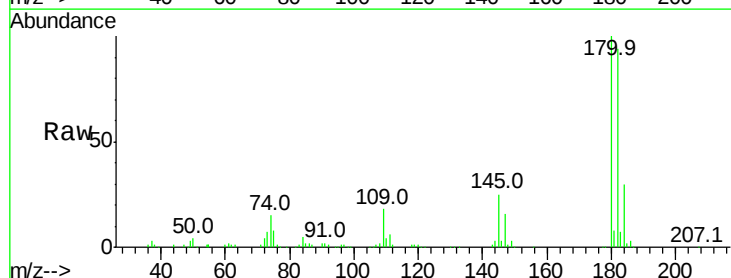
Manual Integrations  
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#30  
1,2,4-Trichlorobenzene  
Concen: 44.548 ng  
RT: 11.57 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.4  | 77.5       | 116.3      |
| 145     | 24.9  | 23.4       | 35.2       |





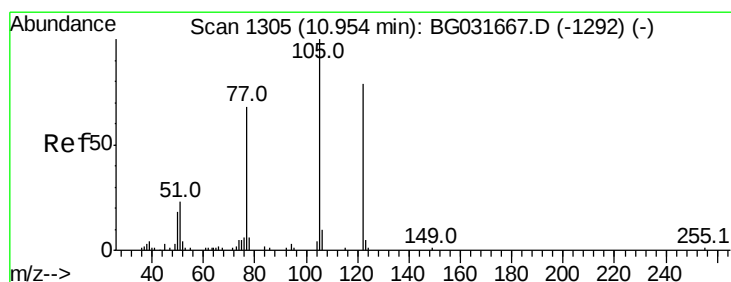
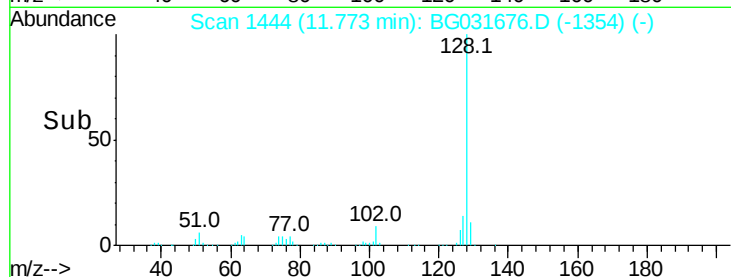
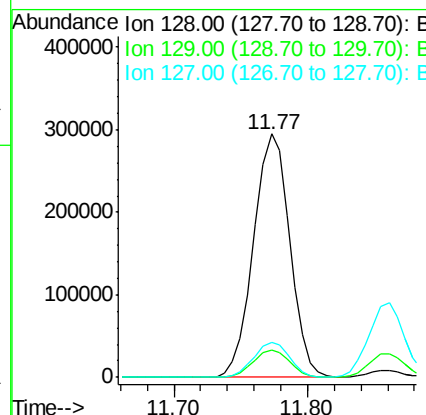
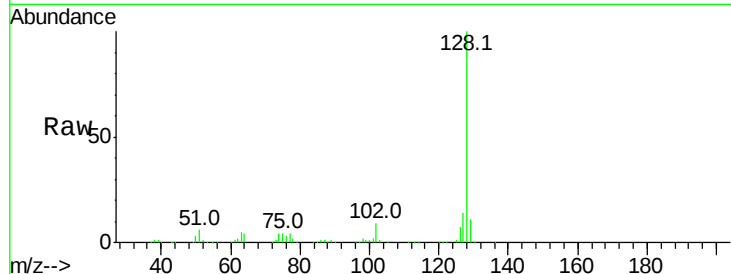
#31  
Naphthalene  
Concen: 44.797 ng  
RT: 11.77 min Scan# 1444  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 553352 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.4  | 8.6   | 12.8   |
| 127       | 14.4  | 11.6  | 17.4   |

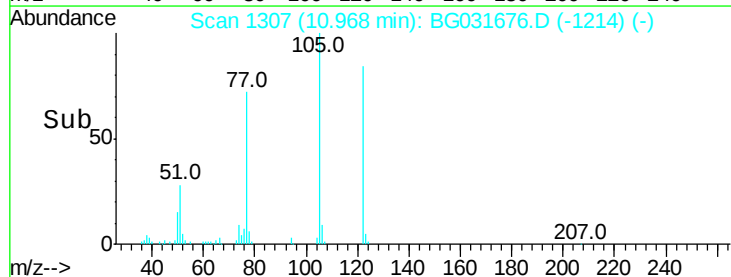
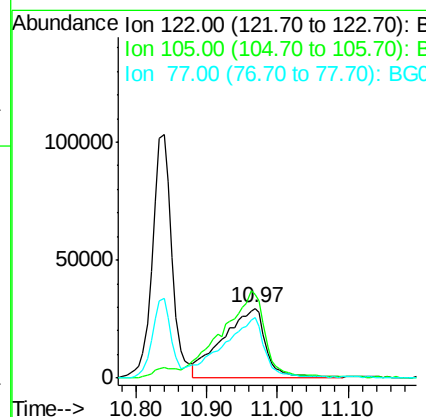
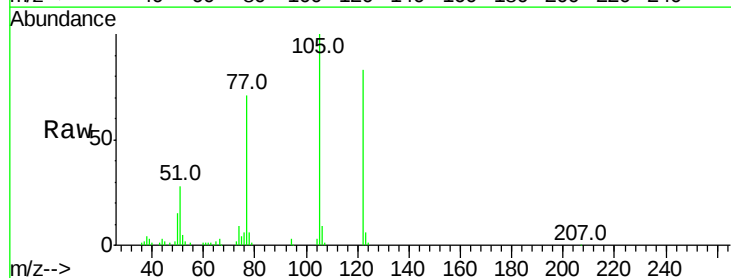
Manual Integrations  
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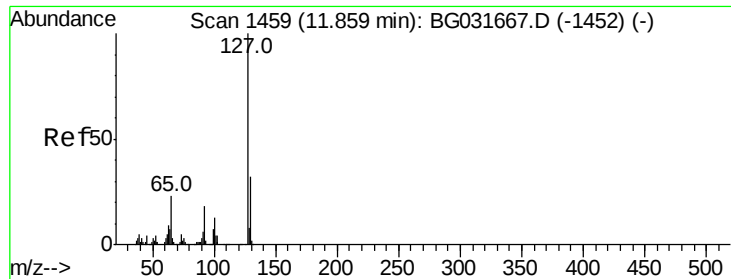
Sohil  
12/22/2017 12:44:07 PM



#32  
Benzoic acid  
Concen: 50.361 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. 0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 127541 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 119.9 | 123.5 | 163.5# |
| 77        | 85.7  | 85.7  | 125.7  |





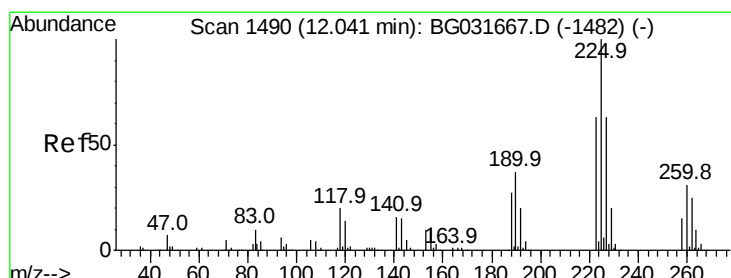
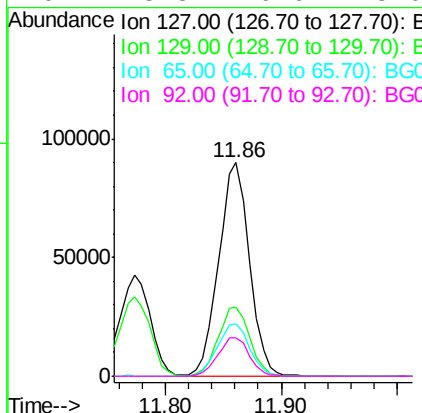
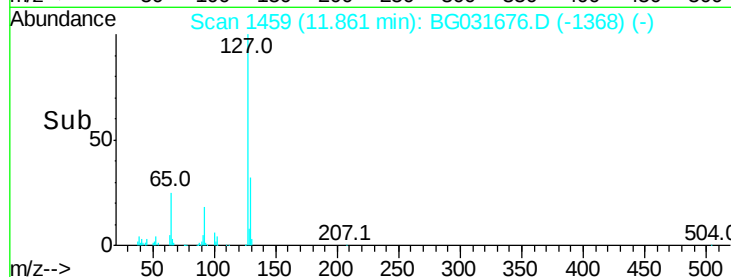
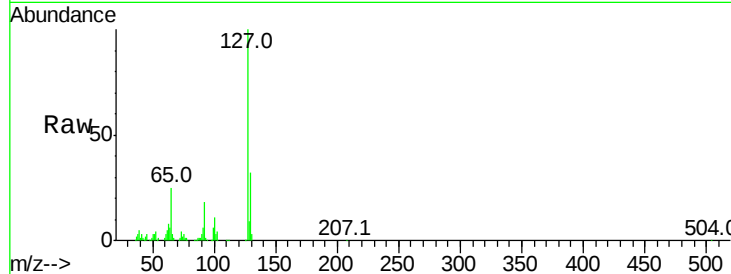
#33  
4-Chloroaniline  
Concen: 30.117 ng  
RT: 11.86 min Scan# 1459  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.1  | 24.0 | 36.0  |       |
| 65      | 24.6  | 27.0 | 40.4  |       |
| 92      | 18.3  | 16.6 | 25.0  |       |

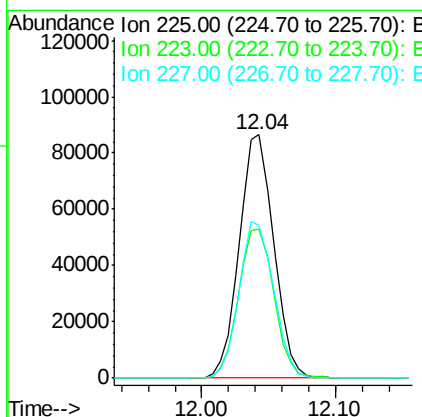
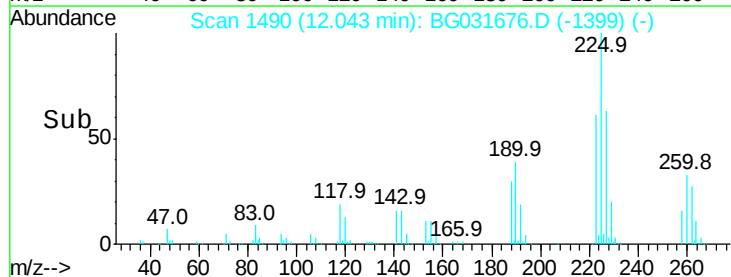
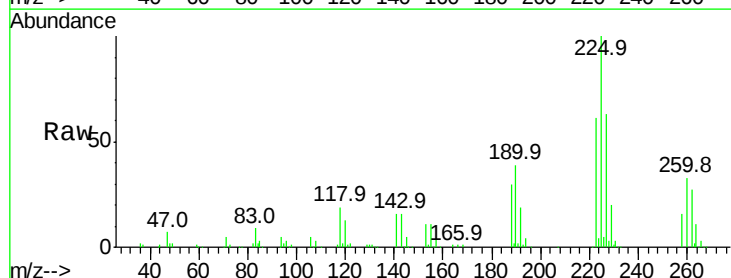
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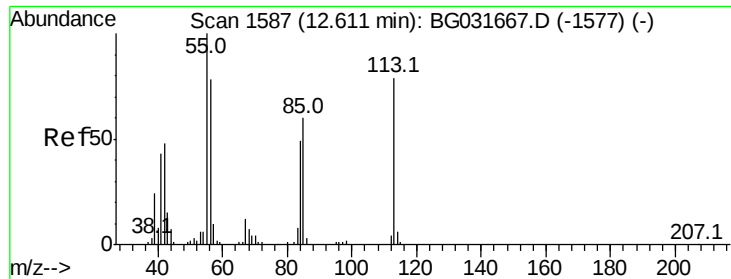
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 42.676 ng  
RT: 12.04 min Scan# 1490  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 61.0  | 49.7 | 74.5  |       |
| 227     | 62.8  | 48.1 | 72.1  |       |





#35

Caprolactam

Concen: 51.543 ng

RT: 12.61 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

ClientSampleId :

PB105239BS

Tot Ion:113 Resp: 67602

Ion Ratio Lower Upper

113 100

55 123.9 186.9 226.9#

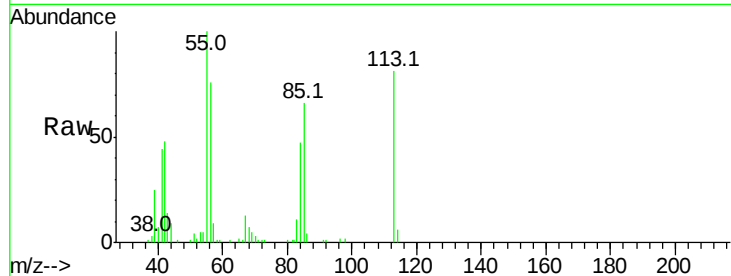
56 94.7 130.9 170.9#

Manual Integrations

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Sohil

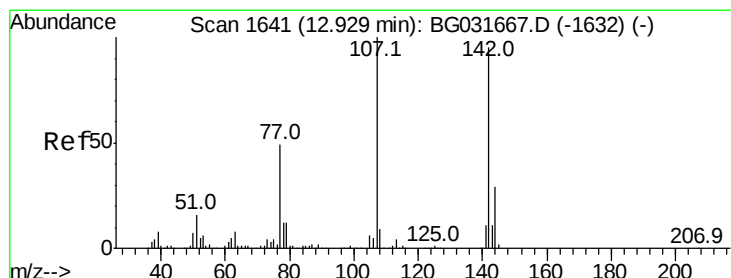
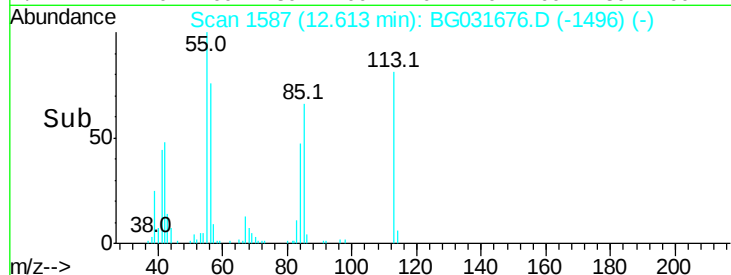
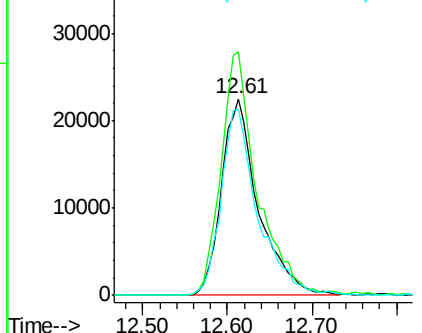
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031667.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031667.D (-1577) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.432 ng

RT: 12.93 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

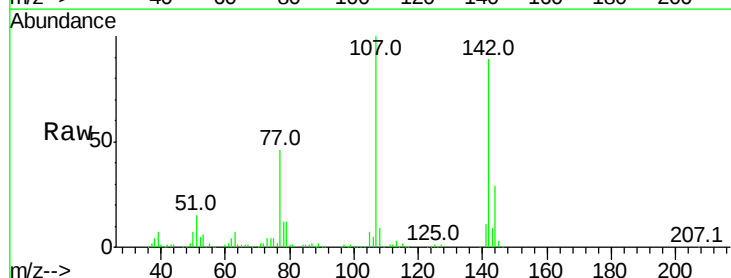
Tgt Ion:107 Resp: 197542

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

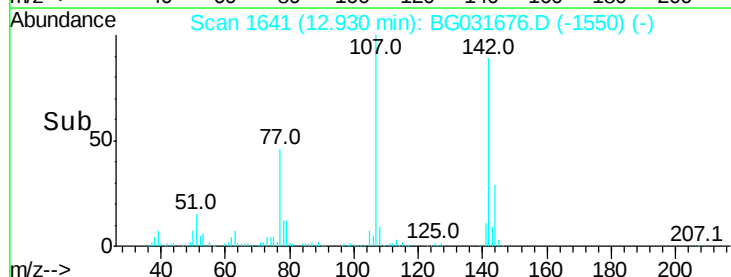
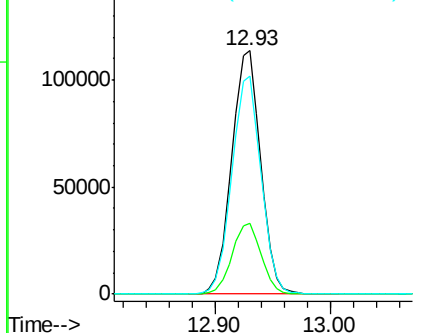
142 89.3 59.0 88.4#

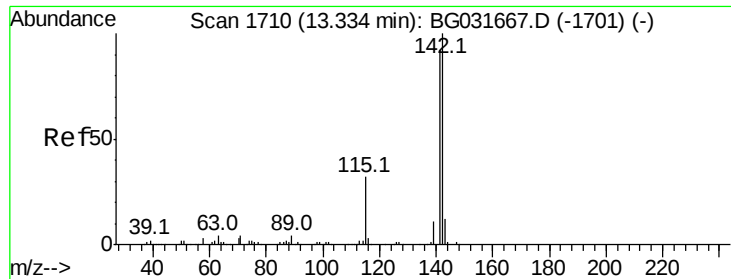


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





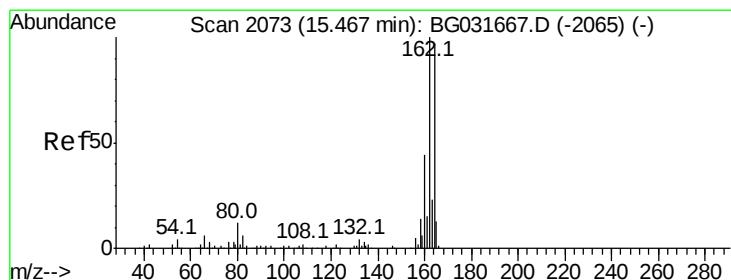
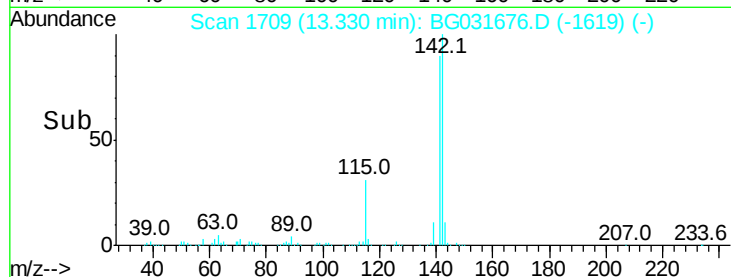
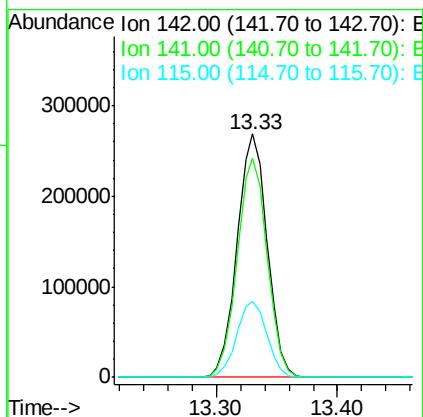
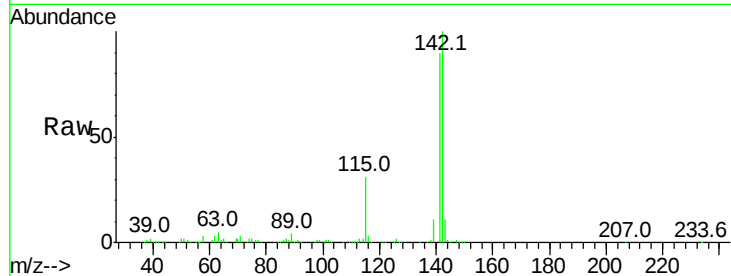
#37  
2-Methylnaphthalene  
Concen: 46.411 ng  
RT: 13.33 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 464744 |       |       |
| 141     | 90.0  |        | 67.1  | 100.7 |
| 115     | 31.1  |        | 30.7  | 46.1  |

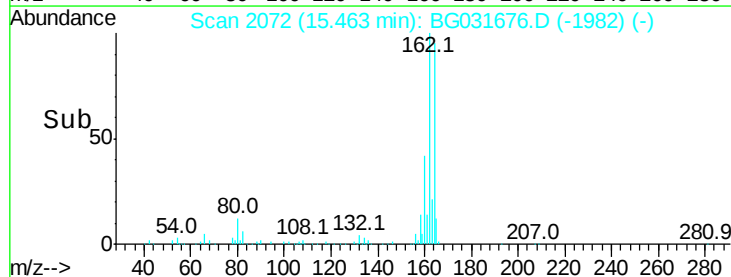
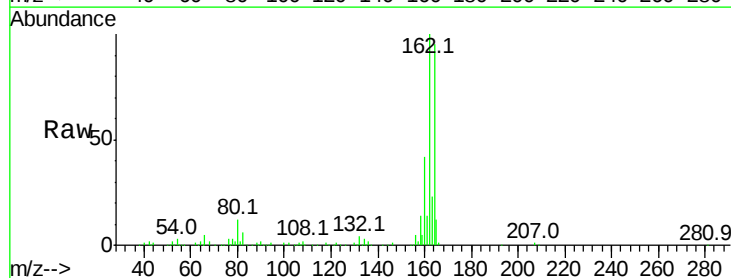
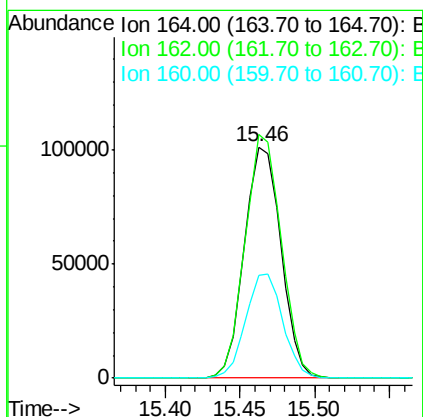
Manual Integrations  
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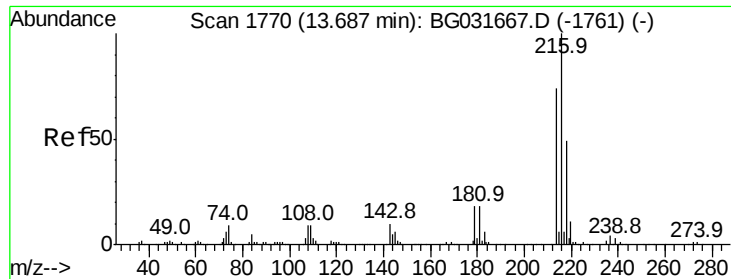
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 172394 |       |       |
| 162     | 105.3 |        | 78.8  | 118.2 |
| 160     | 44.3  |        | 35.4  | 53.0  |





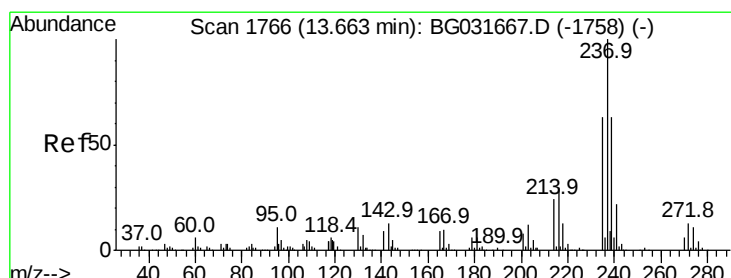
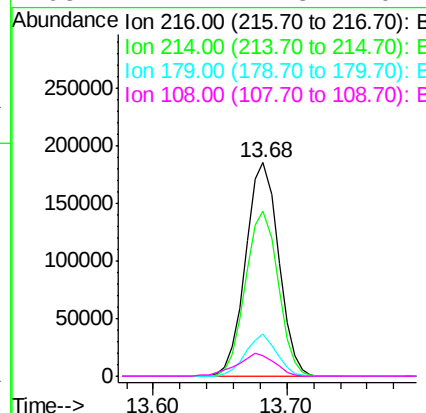
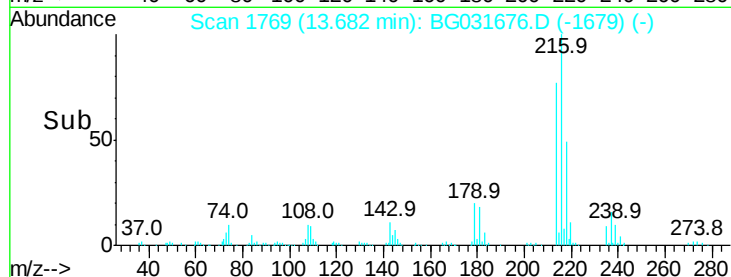
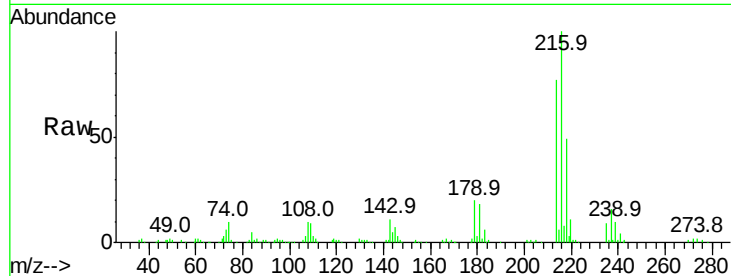
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.587 ng  
 RT: 13.68 min Scan# 1769  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 316499 |       |       |
| 214     | 76.8  | 63.0   | 94.4  |       |
| 179     | 18.5  | 17.0   | 25.6  |       |
| 108     | 12.4  | 12.8   | 19.2  |       |

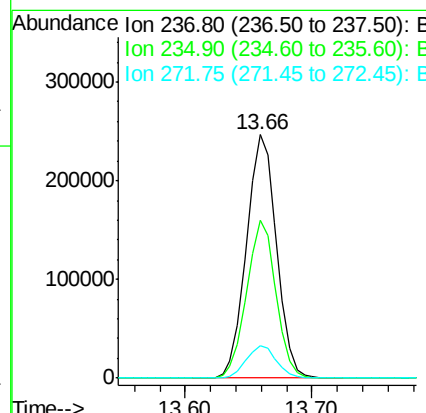
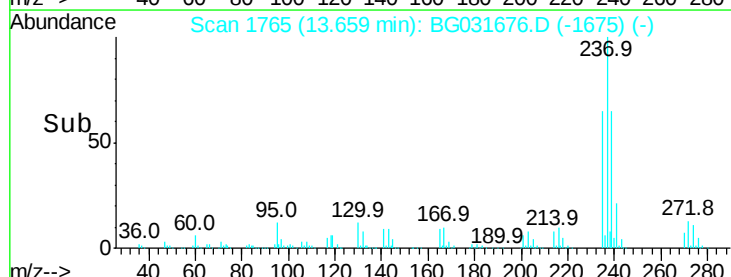
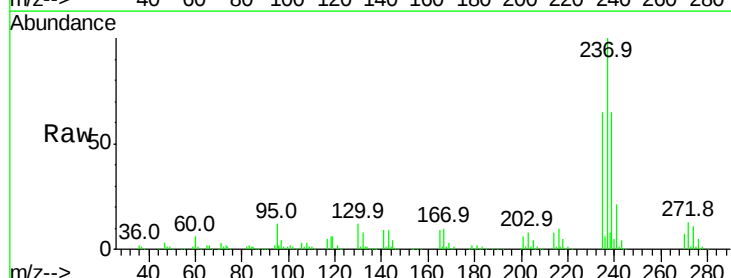
Manual Integrations  
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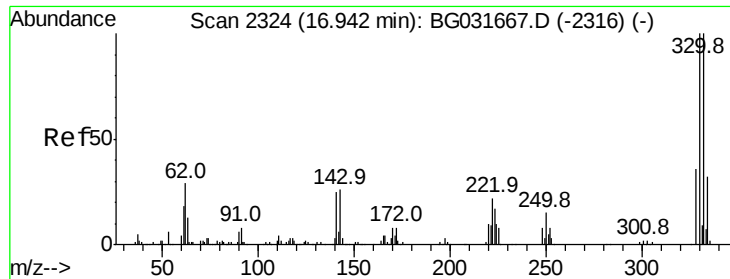
Sohil  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 105.651 ng  
 RT: 13.66 min Scan# 1765  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 404713 |       |       |
| 235     | 64.6  | 50.4   | 90.4  |       |
| 272     | 13.4  | 0.0    | 31.8  |       |





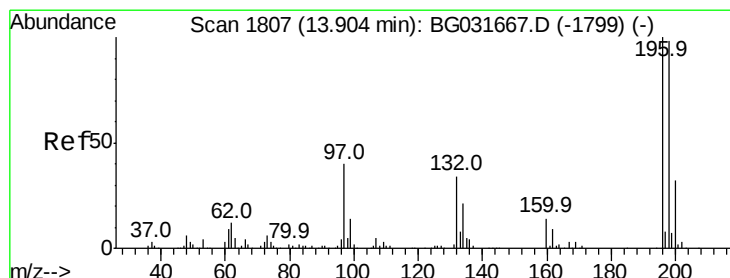
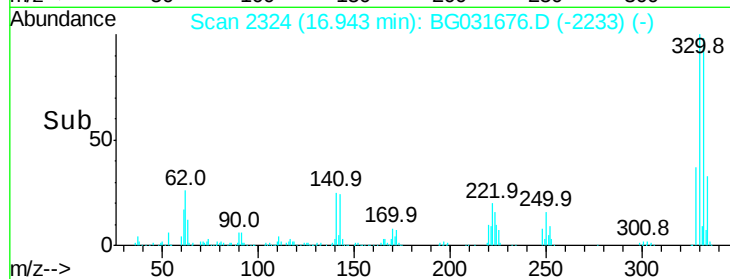
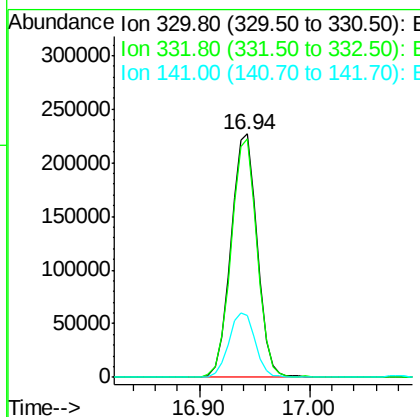
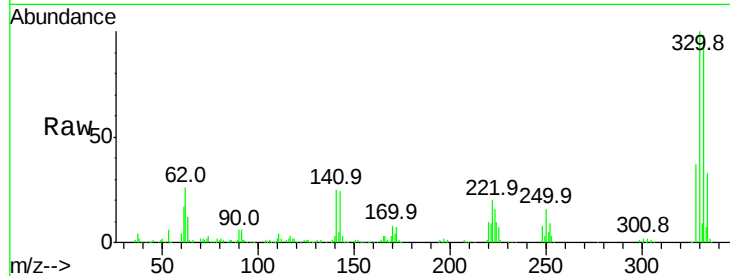
#41  
 2,4,6-Tribromophenol  
 Concen: 143.812 ng  
 RT: 16.94 min Scan# 2324  
 Delta R.T. 0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.1  | 77.0 | 115.6 |       |
| 141     | 26.7  | 25.2 | 37.8  |       |

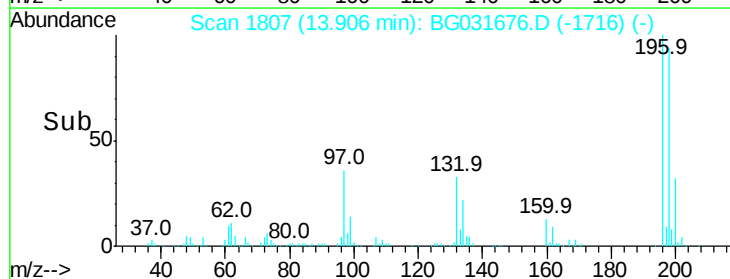
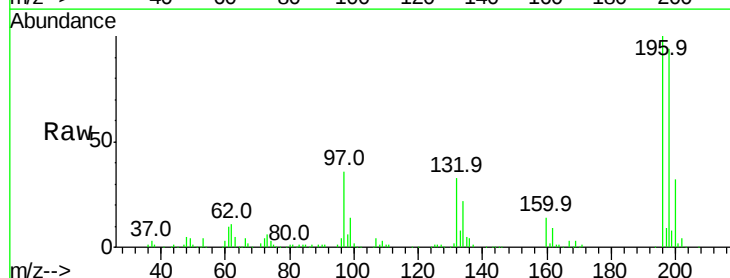
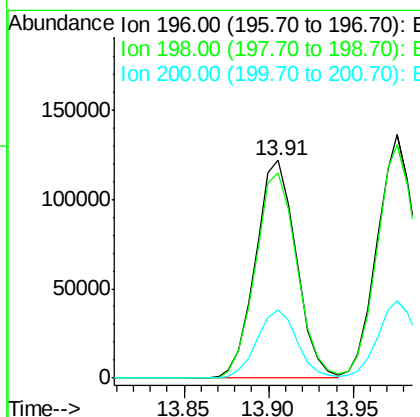
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#42  
 2,4,6-Trichlorophenol  
 Concen: 48.824 ng  
 RT: 13.91 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.5  | 78.2 | 117.2 |       |
| 200     | 31.6  | 24.6 | 36.8  |       |





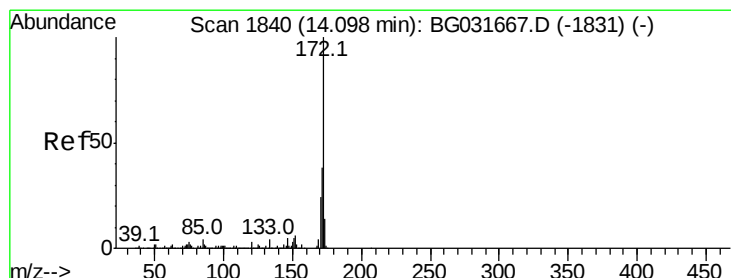
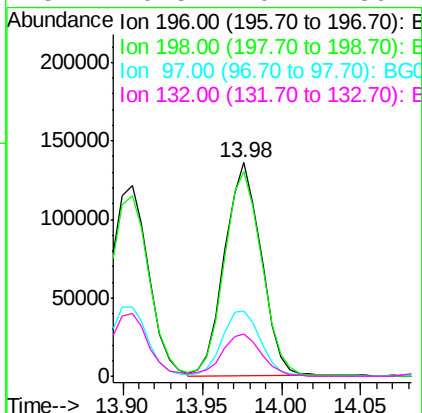
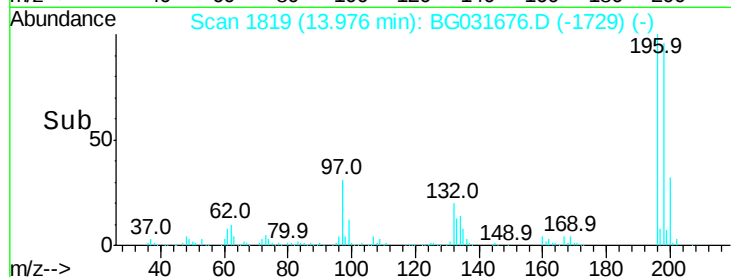
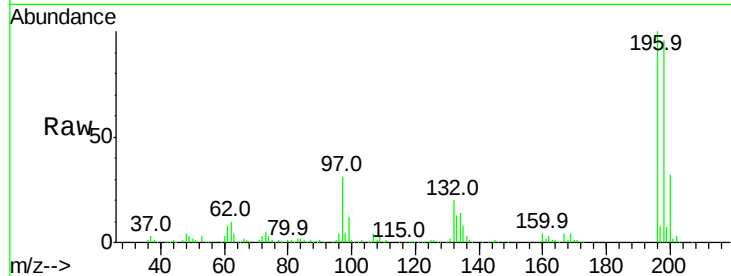
#43  
 2,4,5-Trichlorophenol  
 Concen: 47.019 ng  
 RT: 13.98 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 218153 |       |       |
| 198     | 95.7  | 76.2   | 114.4 |       |
| 97      | 30.7  | 38.7   | 58.1  | #     |
| 132     | 19.5  | 20.2   | 30.2  | #     |

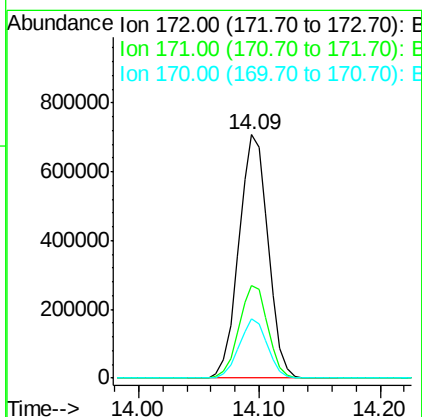
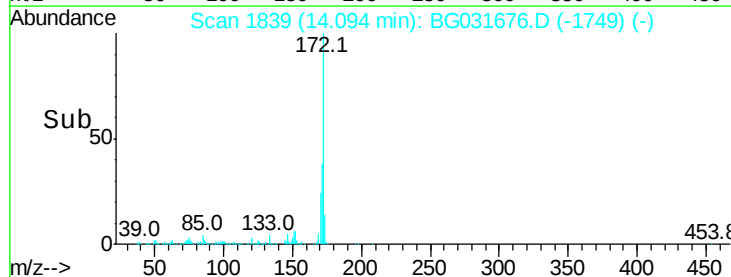
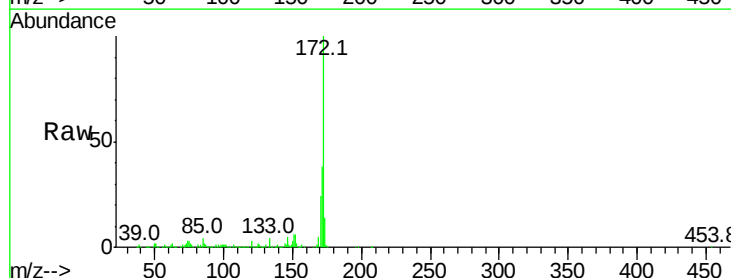
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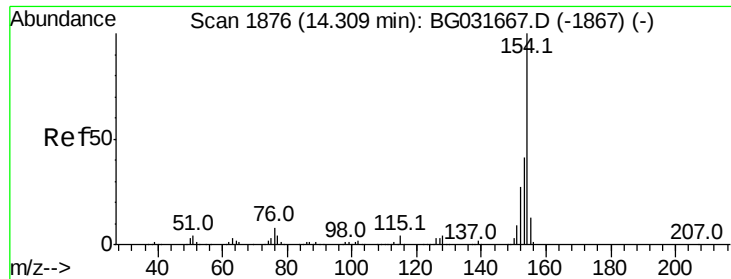
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#44  
 2-Fluorobiphenyl  
 Concen: 86.735 ng  
 RT: 14.09 min Scan# 1839  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1191309 |       |       |
| 171     | 38.0  | 30.0    | 45.0  |       |
| 170     | 24.4  | 19.5    | 29.3  |       |





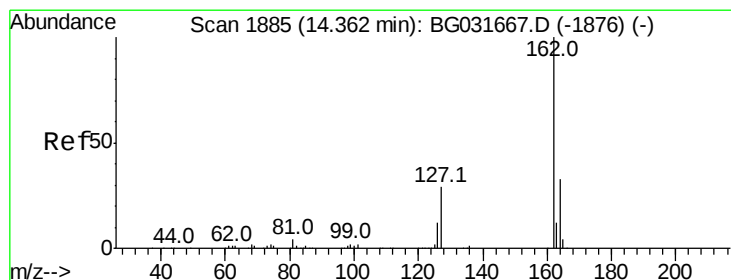
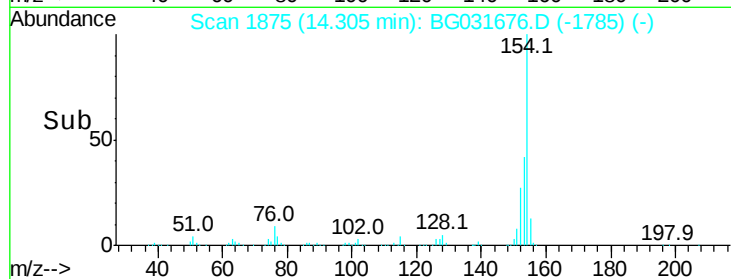
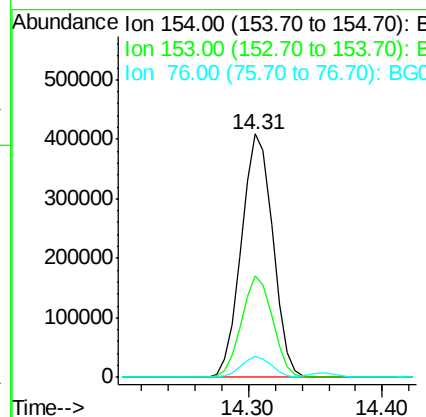
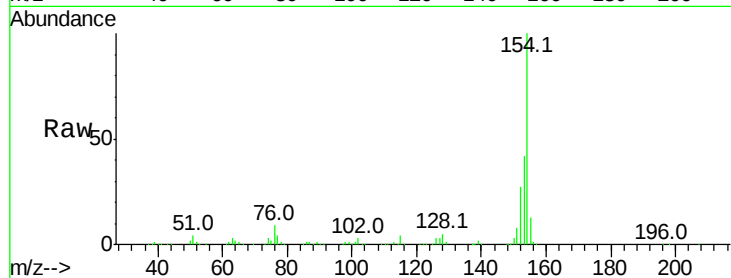
#45  
 1,1'-Biphenyl  
 Concen: 45.197 ng  
 RT: 14.31 min Scan# 1875  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 19.8  | 59.8  |
| 76      | 8.7   | 0.0   | 31.9  |

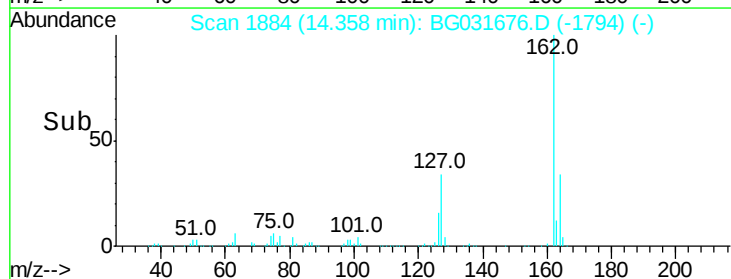
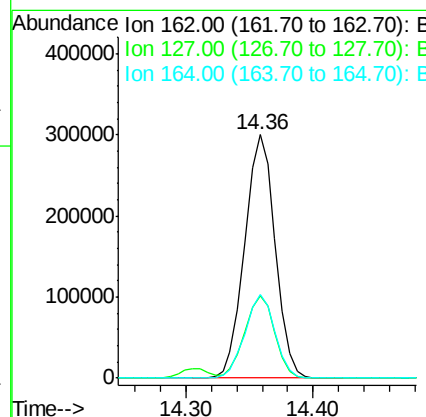
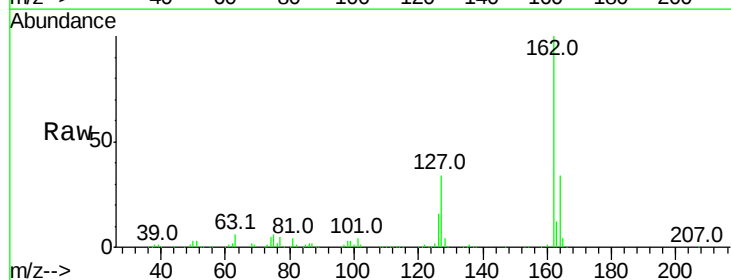
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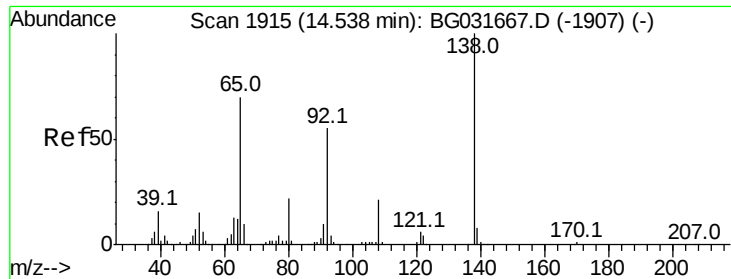
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#46  
 2-Chloronaphthalene  
 Concen: 44.392 ng  
 RT: 14.36 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.0  | 30.7  | 46.1  |
| 164     | 34.4  | 26.0  | 39.0  |





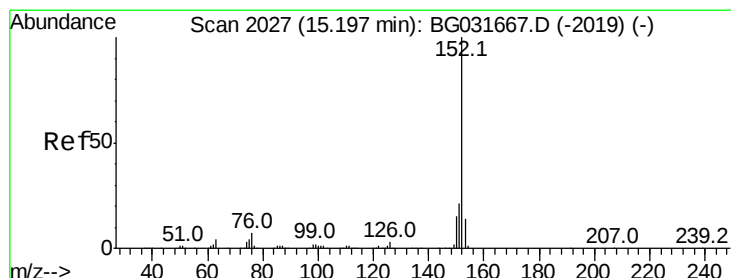
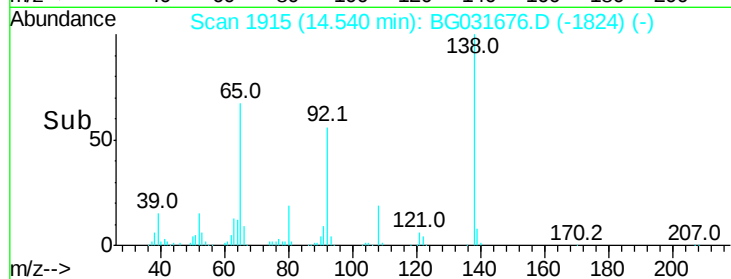
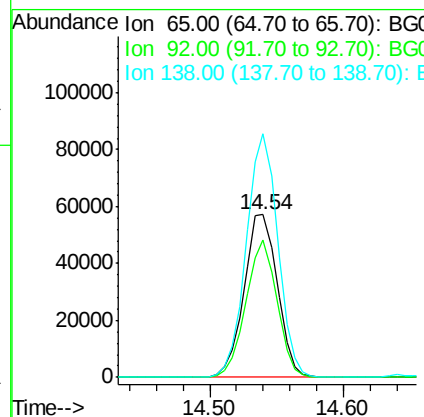
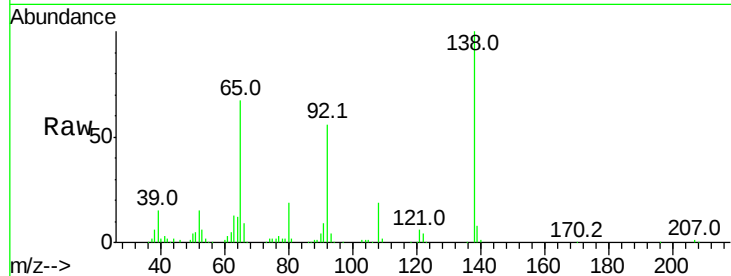
#47  
2-Nitroaniline  
Concen: 50.639 ng  
RT: 14.54 min Scan# 1915  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 84.1  | 54.6  | 82.0#  |
| 138     | 149.6 | 72.9  | 109.3# |

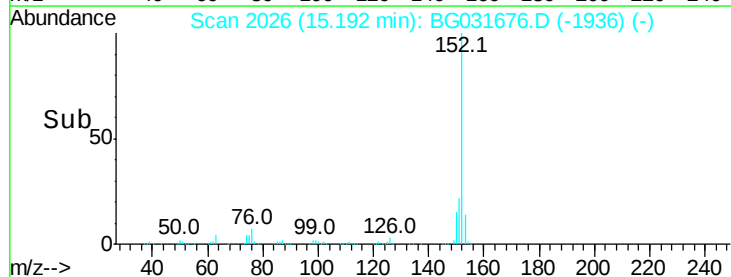
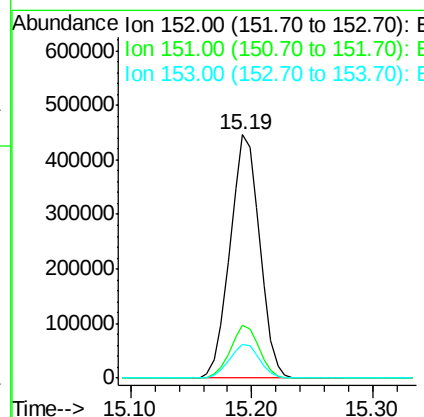
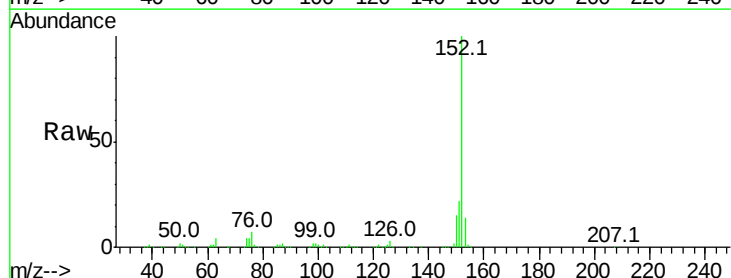
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#48  
Acenaphthylene  
Concen: 42.188 ng  
RT: 15.19 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.5  | 17.2  | 25.8  |
| 153     | 14.0  | 10.2  | 15.4  |





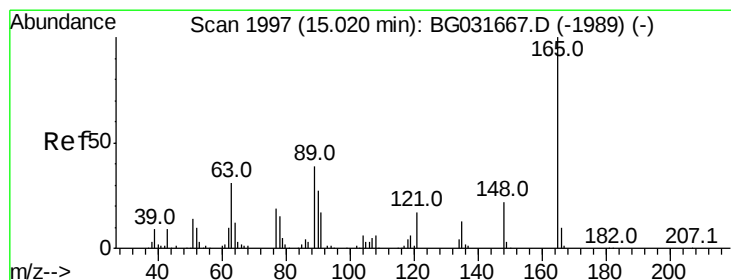
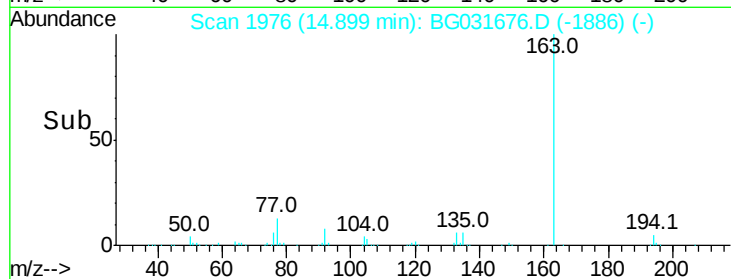
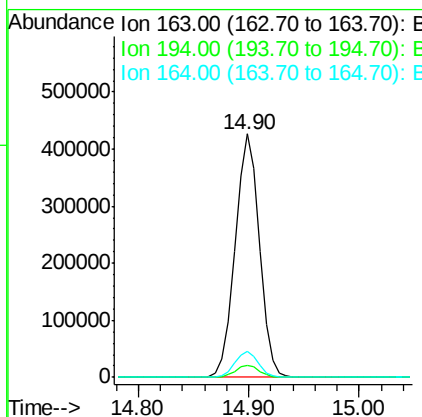
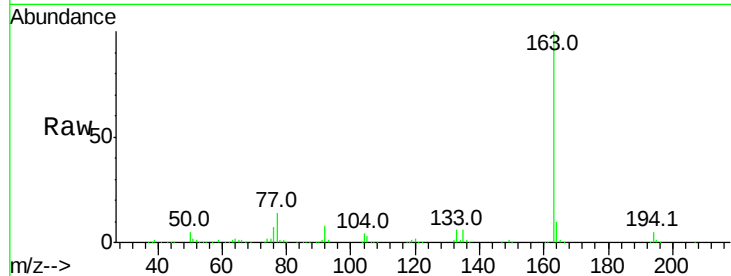
#49  
Dimethylphthalate  
Concen: 43.254 ng  
RT: 14.90 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 656907 |       |       |
| 194     | 5.1   |        | 3.4   | 5.2   |
| 164     | 10.4  |        | 8.2   | 12.4  |

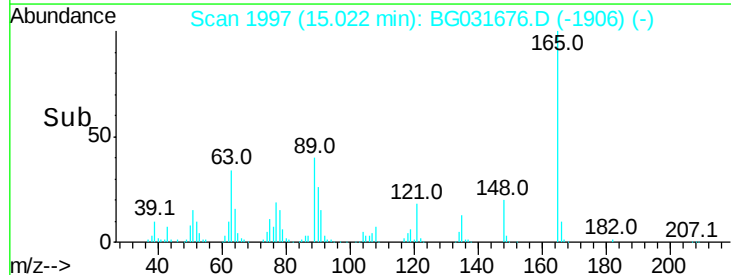
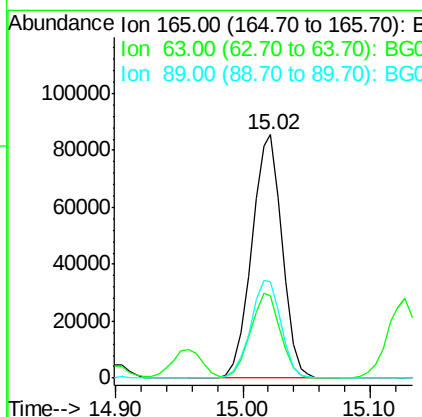
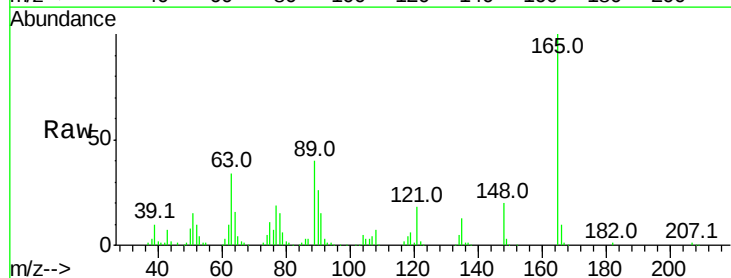
Manual Integrations  
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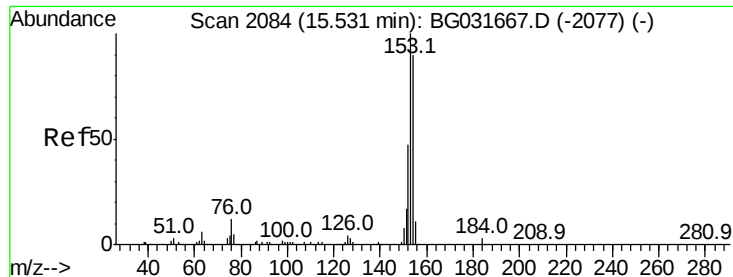
Sohil  
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#50  
2,6-Dinitrotoluene  
Concen: 50.815 ng  
RT: 15.02 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 141970 |       |       |
| 63      | 33.7  |        | 52.7  | 79.1# |
| 89      | 39.8  |        | 49.2  | 73.8# |





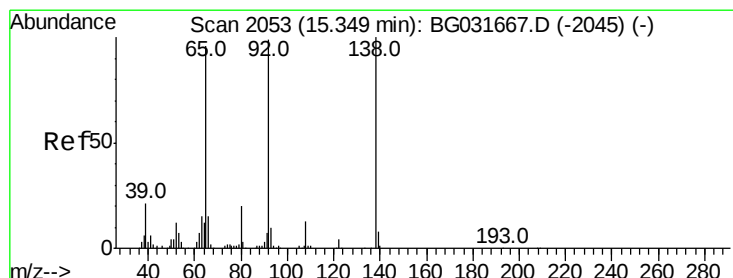
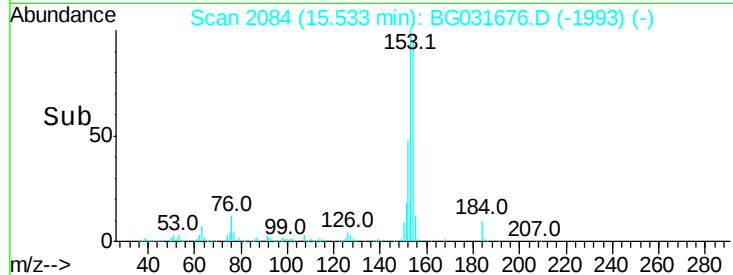
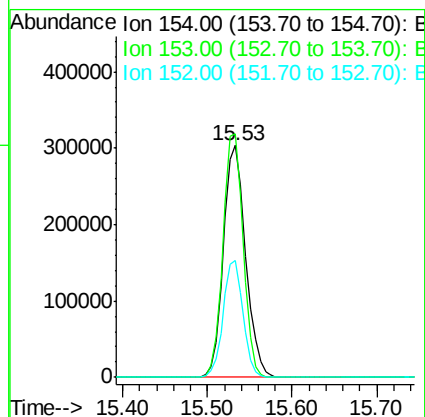
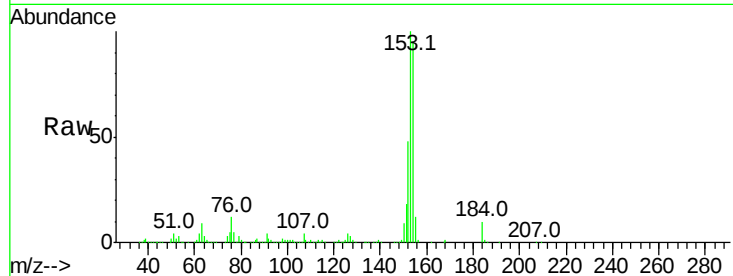
#51  
Acenaphthene  
Concen: 46.855 ng  
RT: 15.53 min Scan# 2084  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 105.1 | 90.4  | 135.6 |
| 152     | 50.3  | 41.6  | 62.4  |

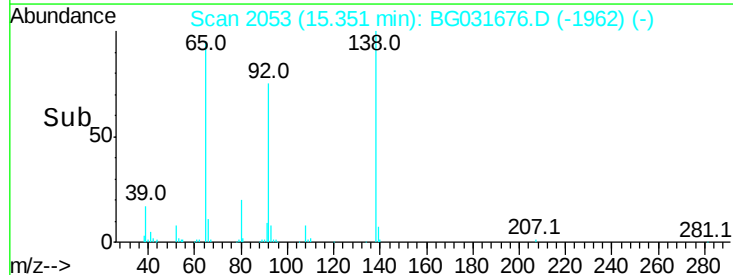
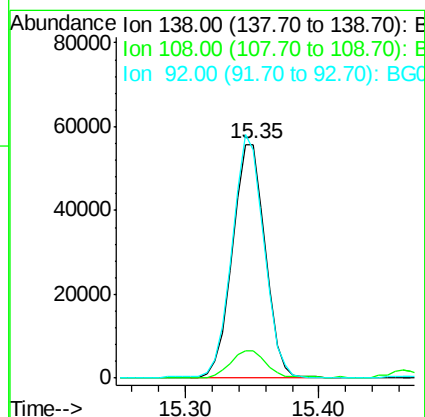
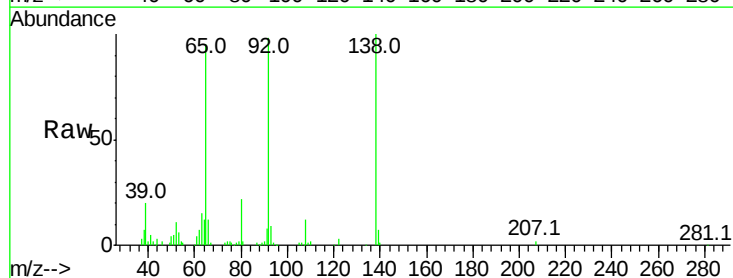
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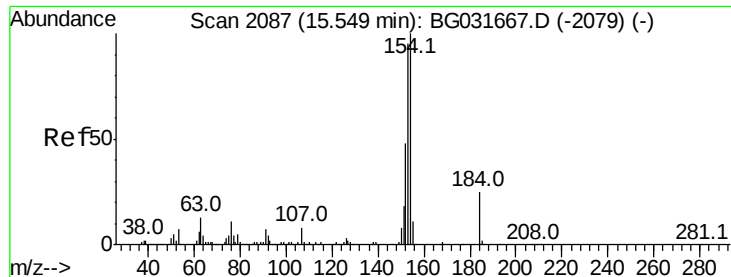
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#52  
3-Nitroaniline  
Concen: 34.875 ng  
RT: 15.35 min Scan# 2053  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 11.6  | 17.5  | 26.3#  |
| 92      | 97.7  | 105.8 | 158.8# |





#53

2,4-Dinitrophenol

Concen: 117.799 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

ClientSampleId :

PB105239BS

Tot Ion:184 Resp: 144547  
Ion Ratio Lower Upper

184 100

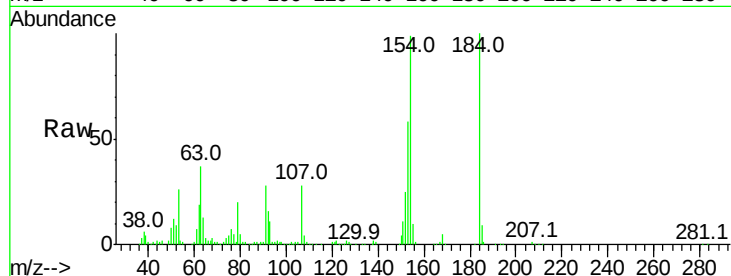
63 36.8 59.8 89.8#

154 98.8 101.8 152.8#

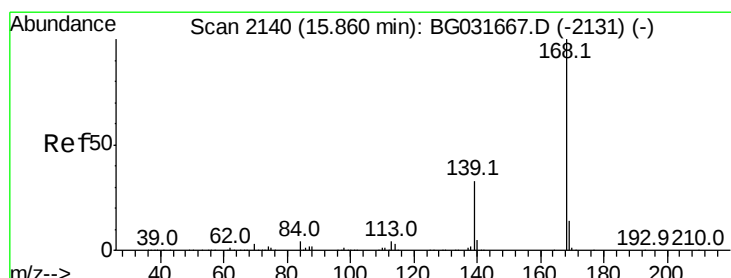
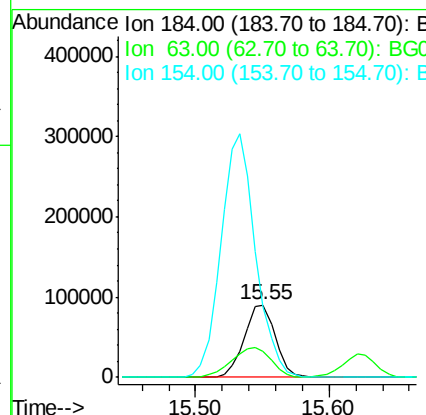
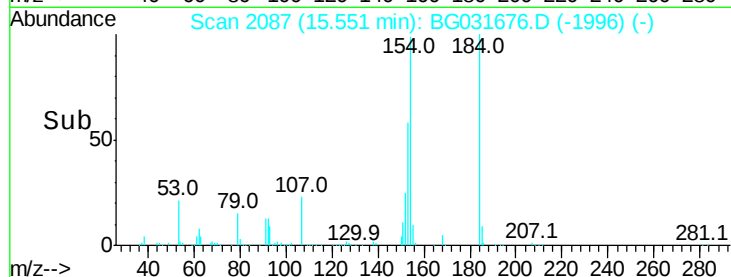
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.801 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG031676.D

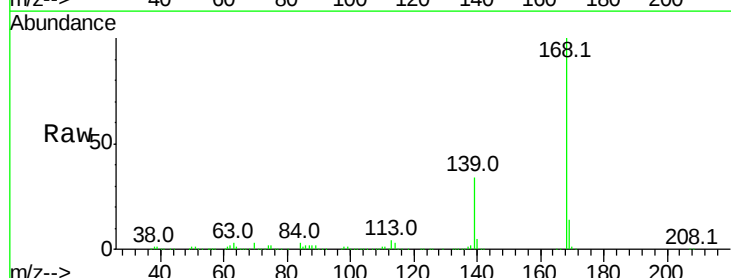
Acq: 21 Dec 2017 16:51

Tgt Ion:168 Resp: 790091  
Ion Ratio Lower Upper

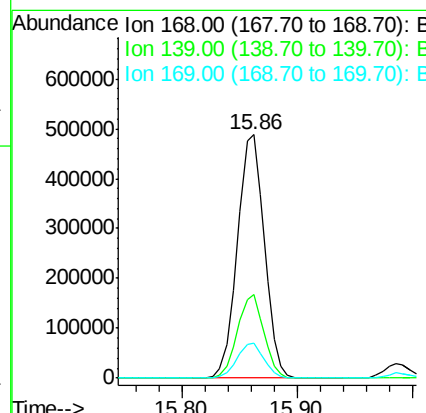
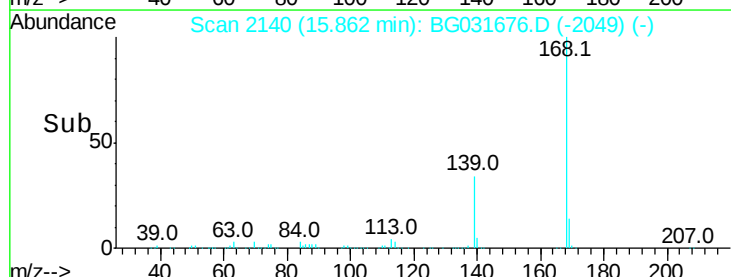
168 100

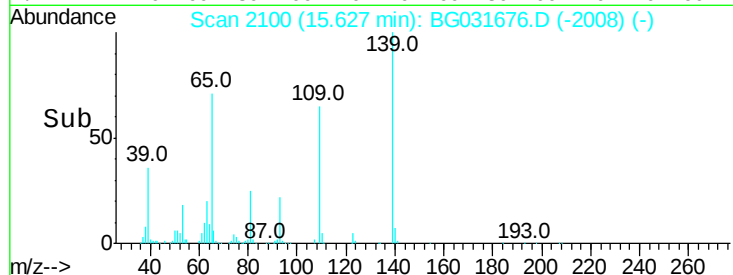
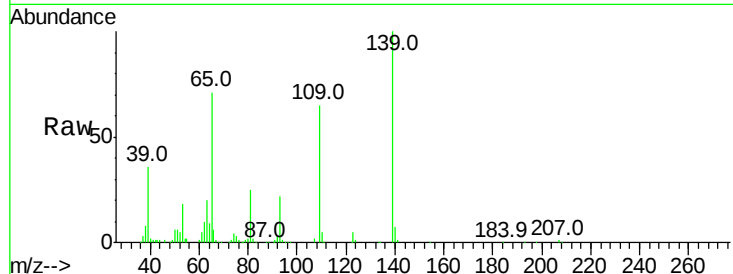
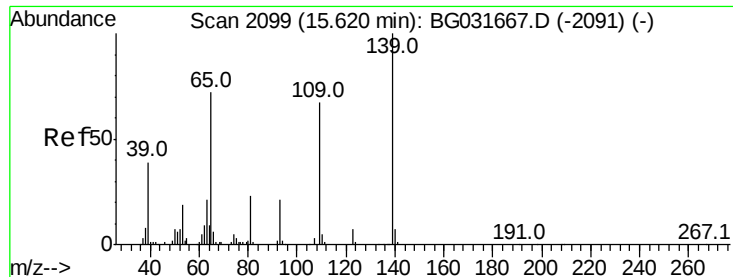
139 34.4 28.6 43.0

169 14.2 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





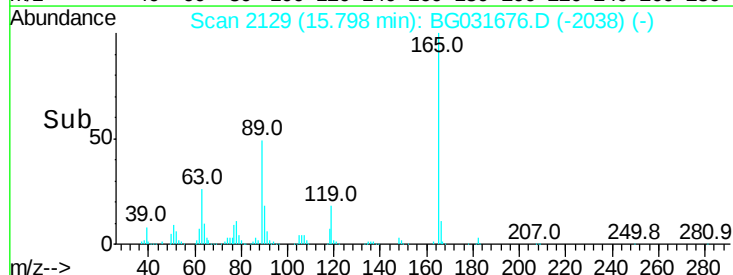
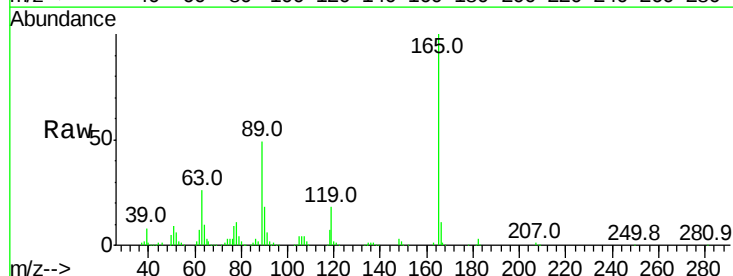
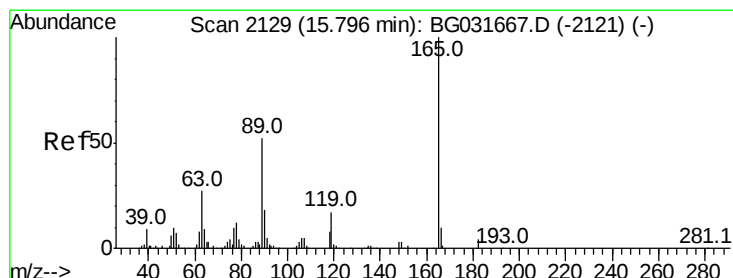
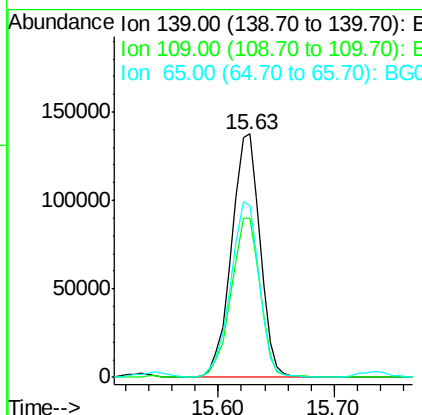
#55  
4-Nitrophenol  
Concen: 106.333 ng  
RT: 15.63 min Scan# 2100  
Delta R.T. 0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 65.4  | 62.2 | 102.2 |       |
| 65      | 70.6  | 97.2 | 137.2 |       |

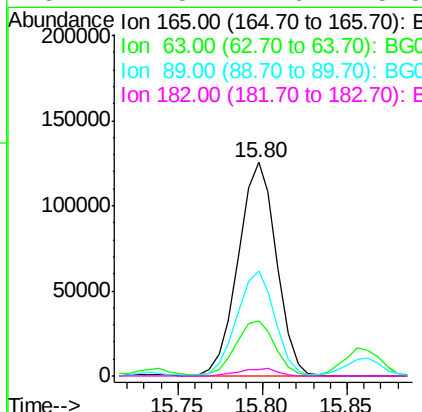
Manual Integrations  
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#56  
2,4-Dinitrotoluene  
Concen: 54.894 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 26.1  | 42.0 | 63.0  |       |
| 89      | 49.4  | 66.9 | 100.3 |       |
| 182     | 2.8   | 2.6  | 3.8   |       |





#57

Fluorene

Concen: 43.128 ng

RT: 16.50 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

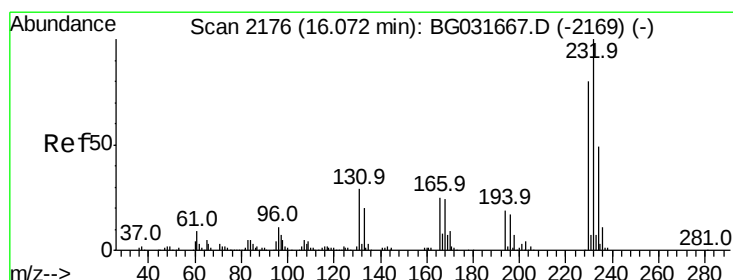
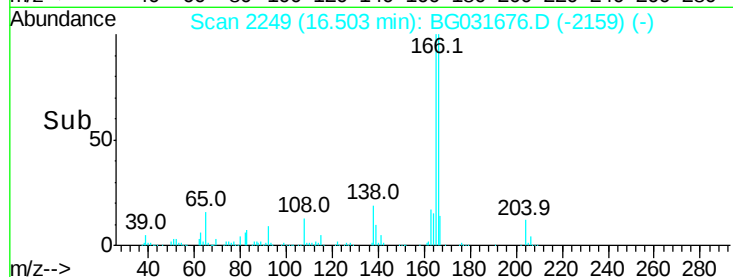
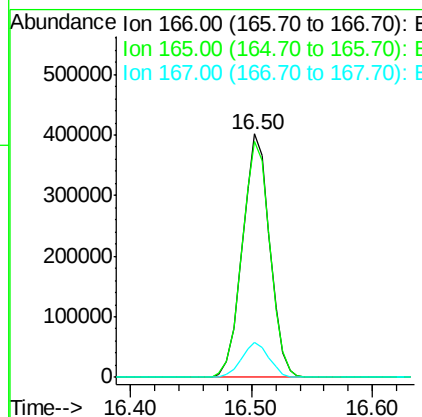
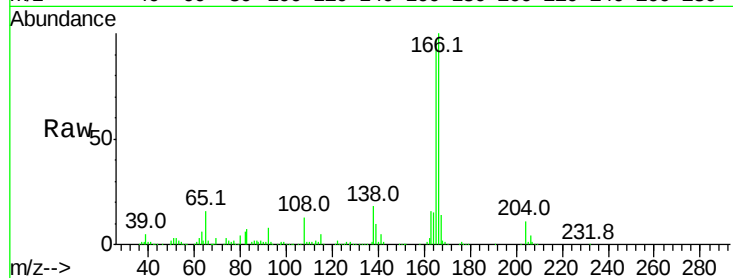
ClientSampleId :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 631976 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.0  | 80.6  | 121.0  |
| 167       | 14.3  | 10.4  | 15.6   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.006 ng

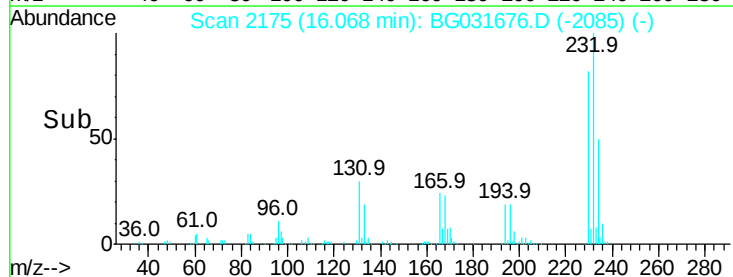
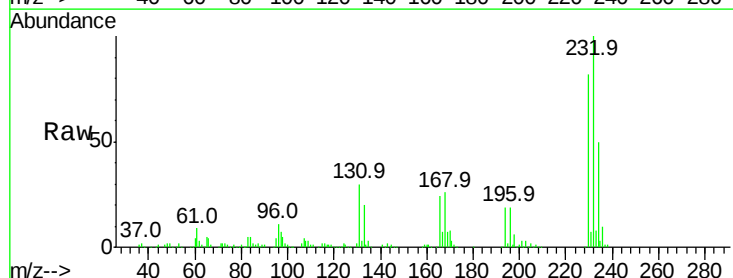
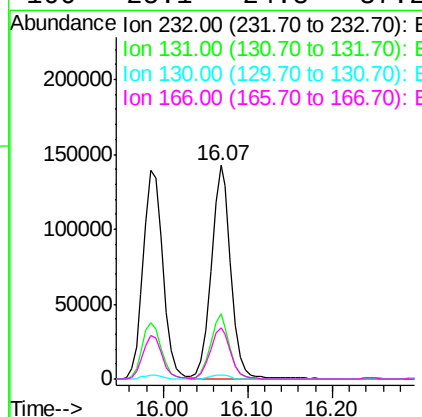
RT: 16.07 min Scan# 2175

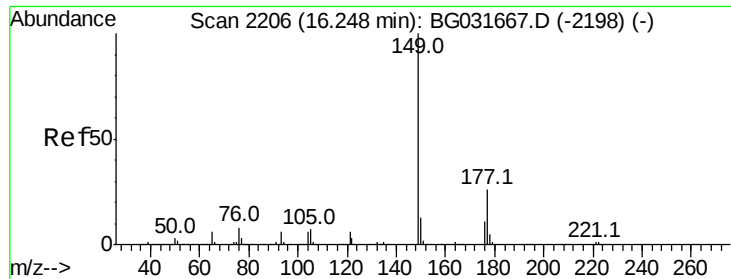
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 230888 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 29.3  | 33.5  | 50.3#  |
| 130       | 1.7   | 2.2   | 3.2#   |
| 166       | 25.1  | 24.8  | 37.2   |





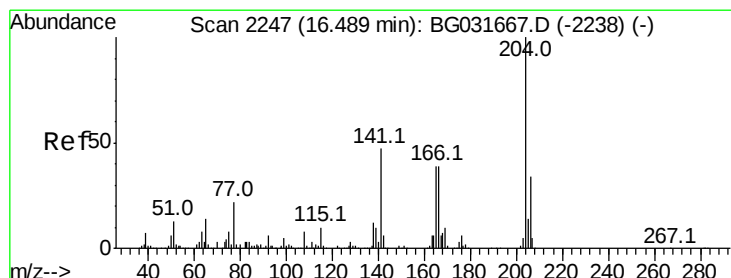
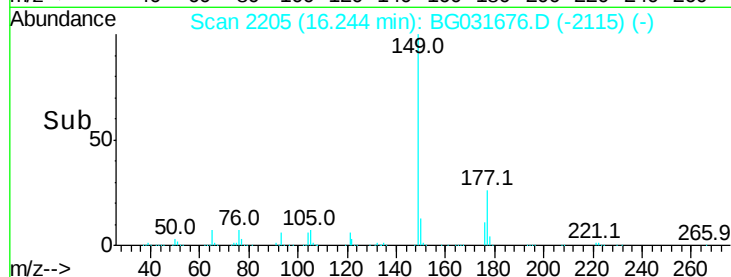
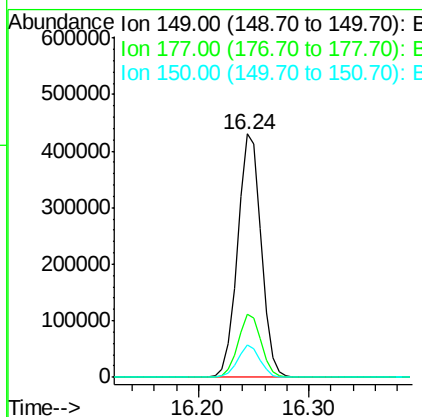
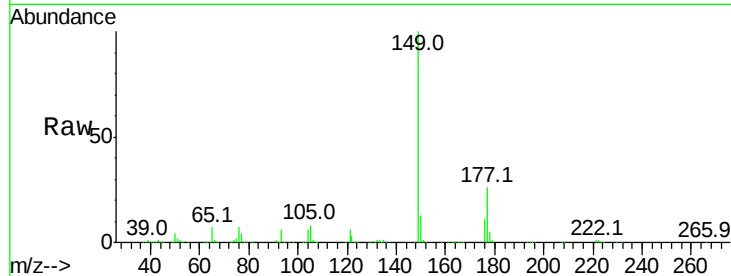
#59  
Diethylphthalate  
Concen: 43.433 ng  
RT: 16.24 min Scan# 2205  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 642918 |       |       |
| 177     | 25.8  |        | 18.5  | 27.7  |
| 150     | 13.1  |        | 10.2  | 15.2  |

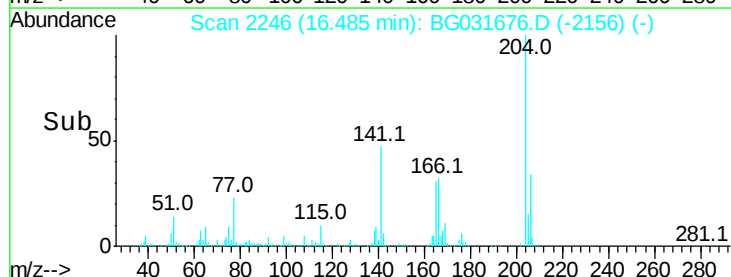
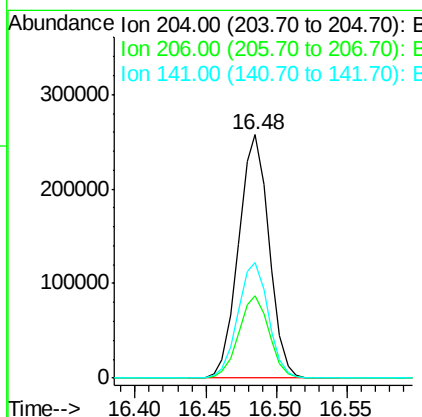
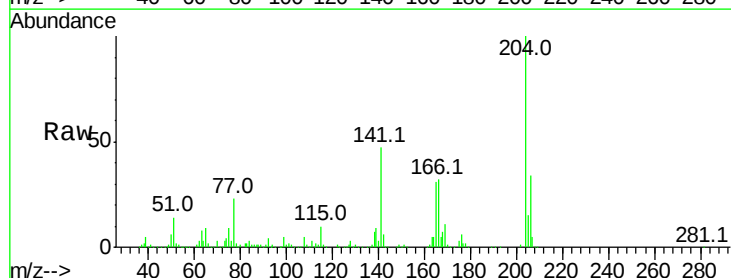
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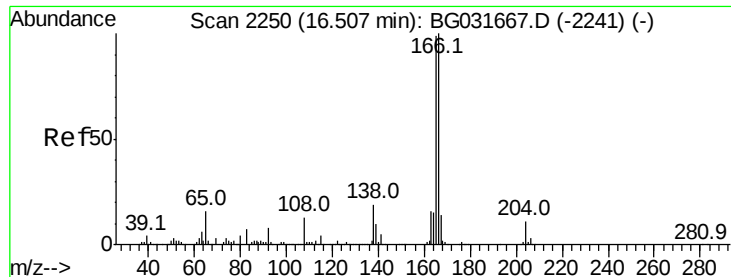
Sohil  
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#60  
4-Chlorophenyl-phenylether  
Concen: 43.397 ng  
RT: 16.48 min Scan# 2246  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 389097 |       |       |
| 206     | 33.8  |        | 26.2  | 39.2  |
| 141     | 47.3  |        | 45.8  | 68.6  |





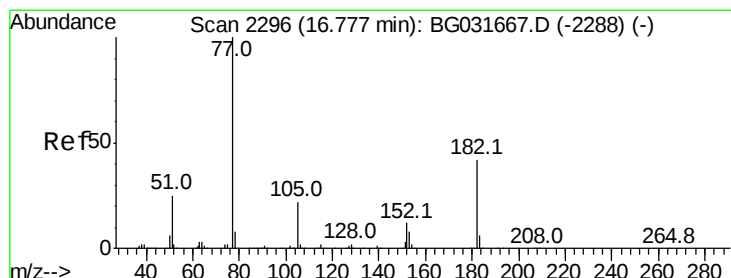
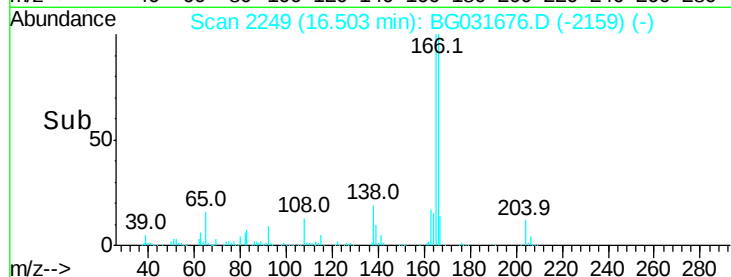
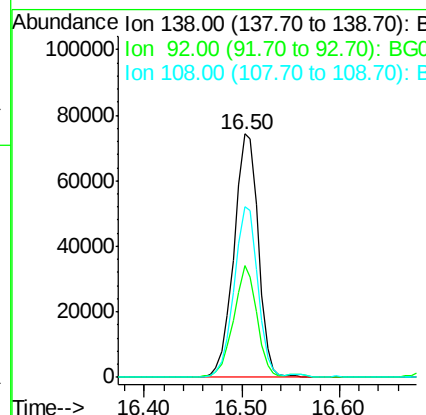
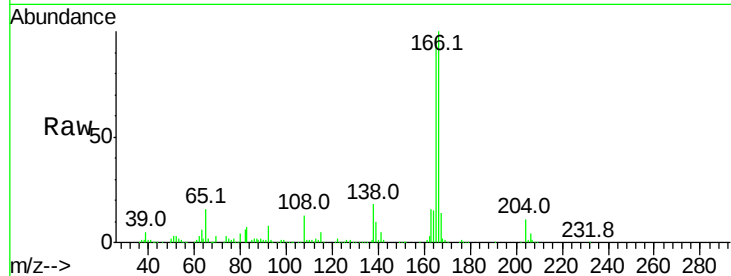
#61  
4-Nitroaniline  
Concen: 48.301 ng  
RT: 16.50 min Scan# 2249  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 128478 |       |       |
| 92      | 45.9  | 40.1   | 80.1  |       |
| 108     | 70.2  | 65.4   | 105.4 |       |

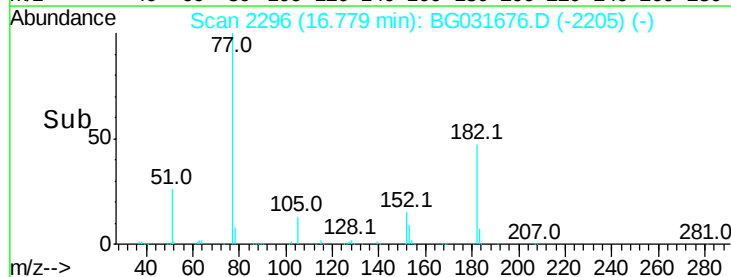
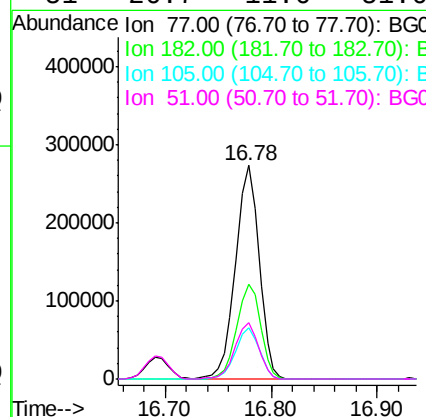
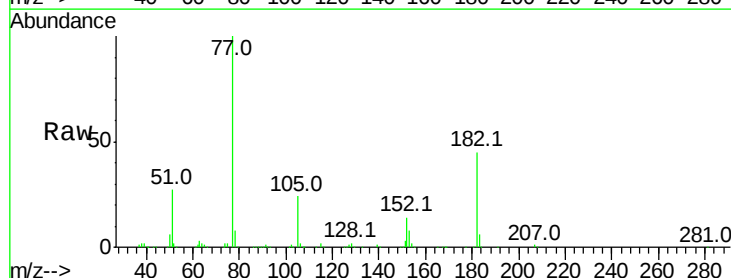
Manual Integrations  
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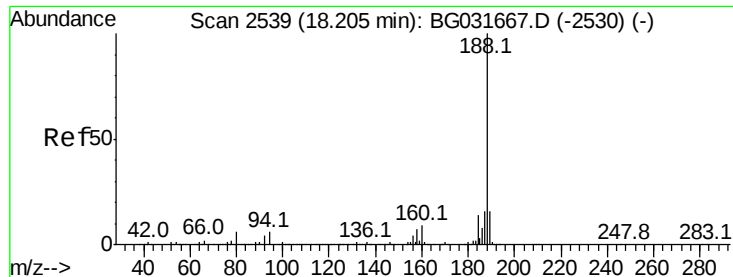
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#62  
Azobenzene  
Concen: 44.470 ng  
RT: 16.78 min Scan# 2296  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 422161 |       |       |
| 182     | 44.6  | 7.4    | 47.4  |       |
| 105     | 23.8  | 0.3    | 40.3  |       |
| 51      | 26.7  | 11.6   | 51.6  |       |





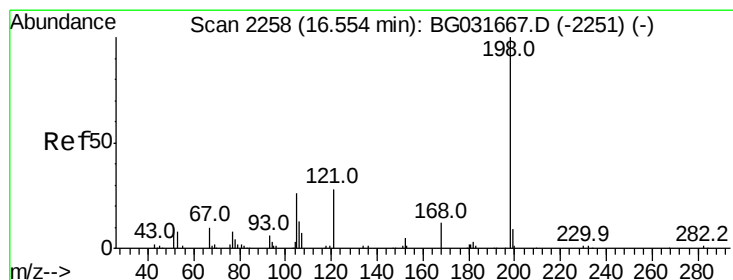
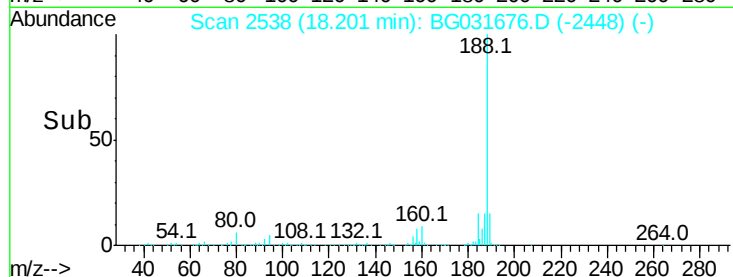
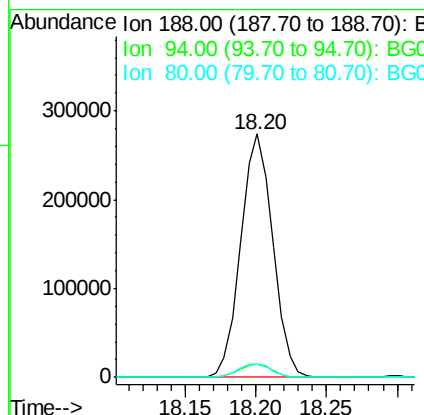
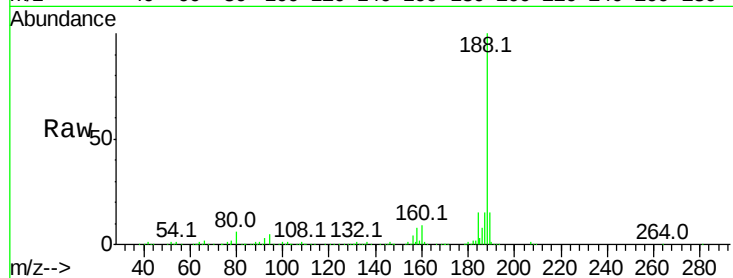
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.20 min Scan# 2538  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 5.3   | 6.9        | 10.3# |
| 80      | 5.6   | 7.7        | 11.5# |

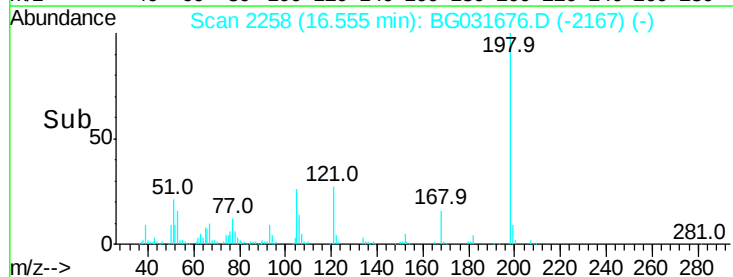
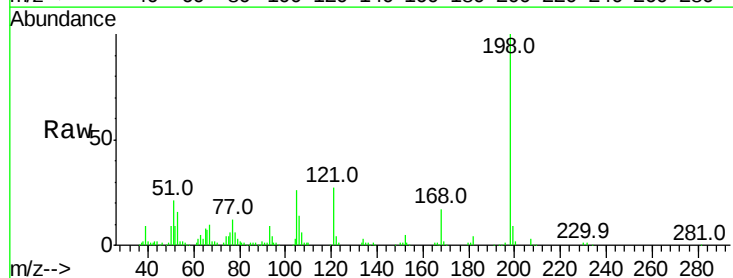
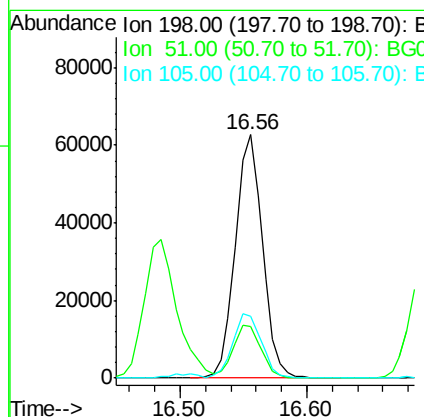
Manual Integrations  
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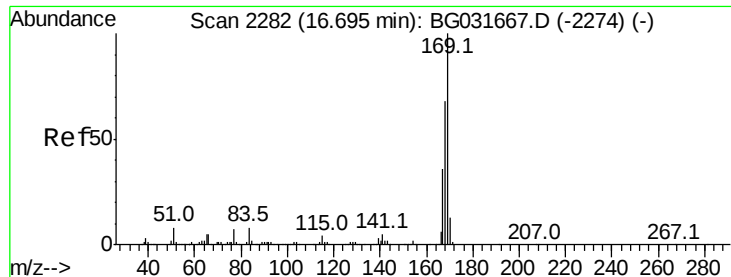
Sohil  
12/22/2017 12:44:07 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.503 ng  
RT: 16.56 min Scan# 2258  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 21.1  | 30.6       | 70.6# |
| 105     | 25.5  | 23.8       | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 41.317 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

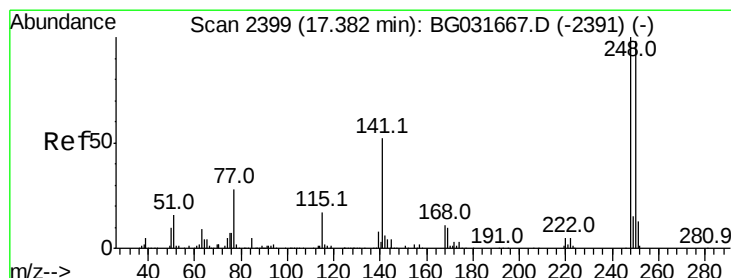
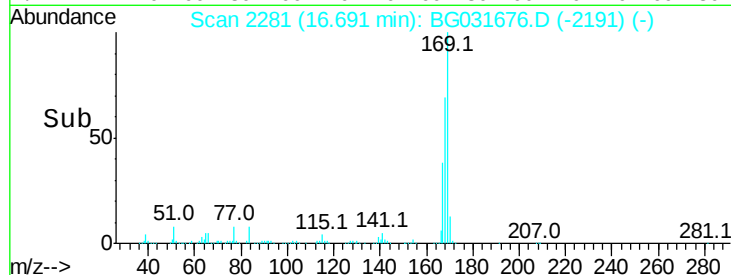
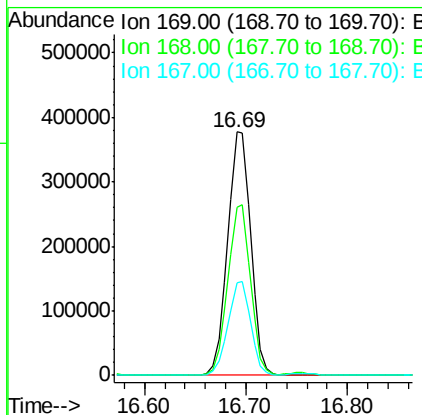
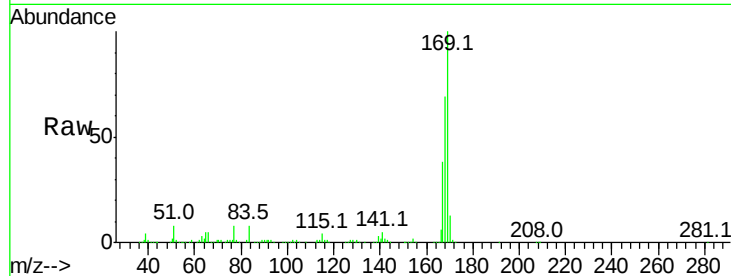
ClientSampleId :

PB105239BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 597816 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.3  | 55.7  | 83.5   |
| 167       | 37.8  | 30.1  | 45.1   |

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#66

4-Bromophenyl-phenylether

Concen: 44.344 ng

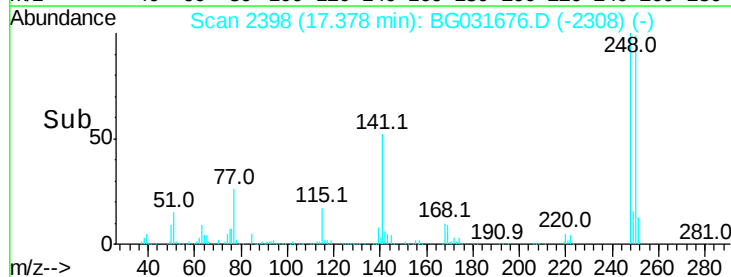
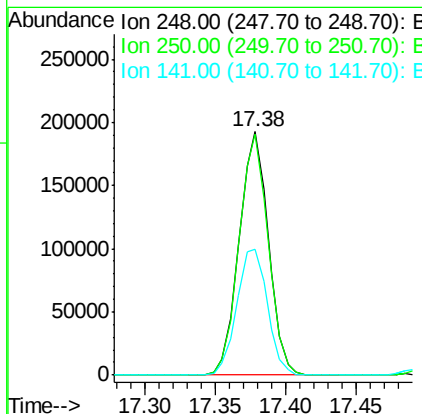
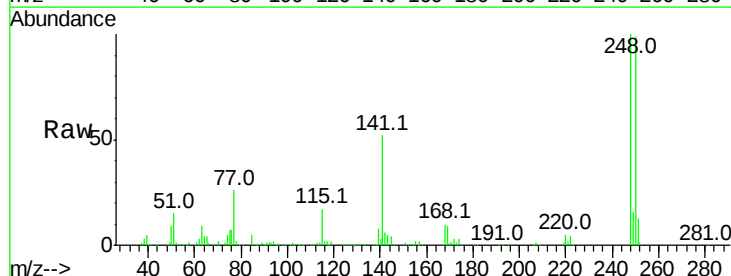
RT: 17.38 min Scan# 2398

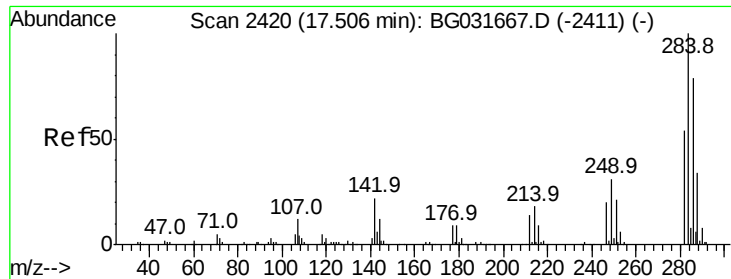
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 279356 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.9  | 77.1  | 115.7  |
| 141       | 51.6  | 50.8  | 76.2   |





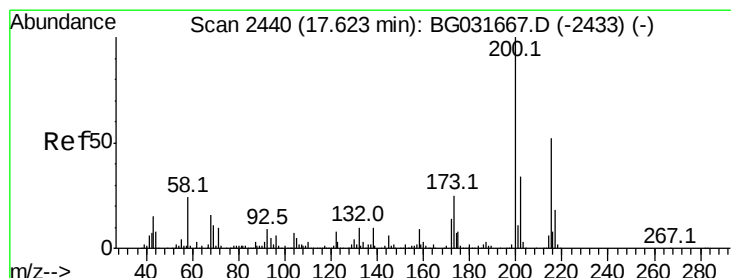
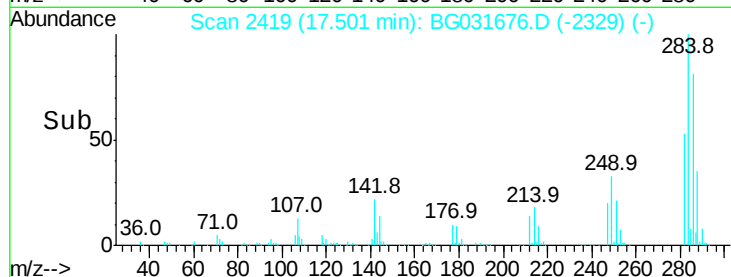
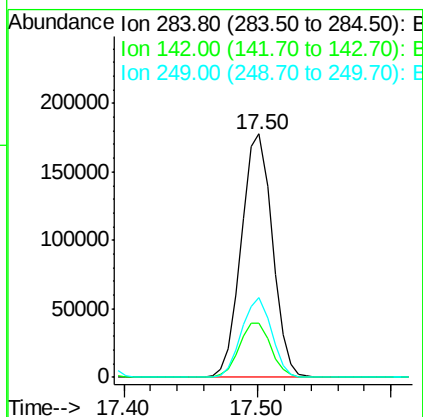
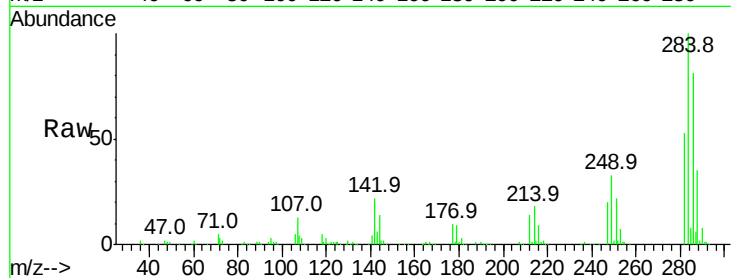
#67  
Hexachlorobenzene  
Concen: 44.264 ng  
RT: 17.50 min Scan# 2419  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 22.1  | 26.8       | 40.2#      |
| 249     | 32.6  | 26.3       | 39.5       |

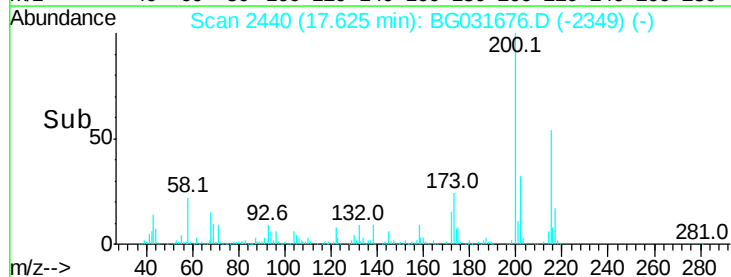
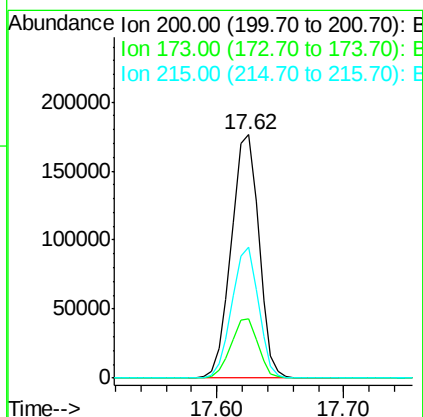
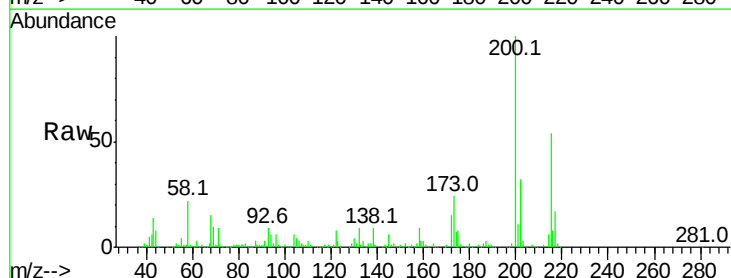
Manual Integrations  
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12/22/2017 12:44:07 PM



#68  
Atrazine  
Concen: 47.026 ng  
RT: 17.62 min Scan# 2440  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 24.5  | 5.2        | 45.2       |
| 215     | 53.9  | 30.4       | 70.4       |





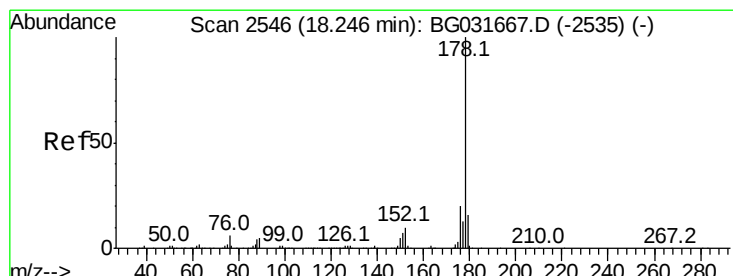
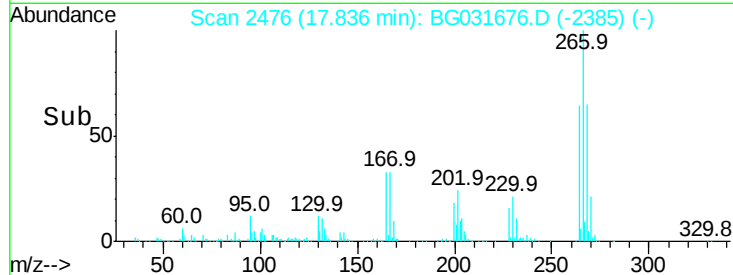
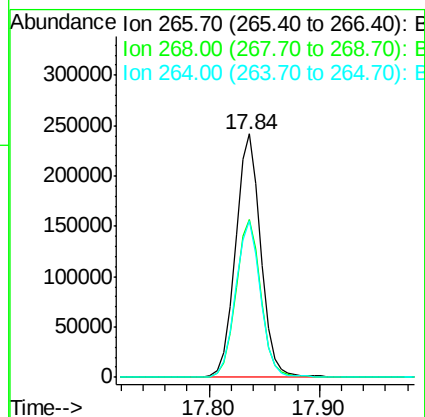
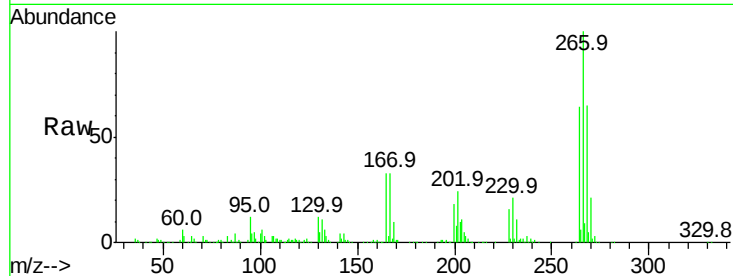
#69  
 Pentachlorophenol  
 Concen: 87.327 ng  
 RT: 17.84 min Scan# 2476  
 Delta R.T. 0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 386821 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 64.8 | 51.1  | 76.7   |
| 264       | 64.1 | 49.6  | 74.4   |

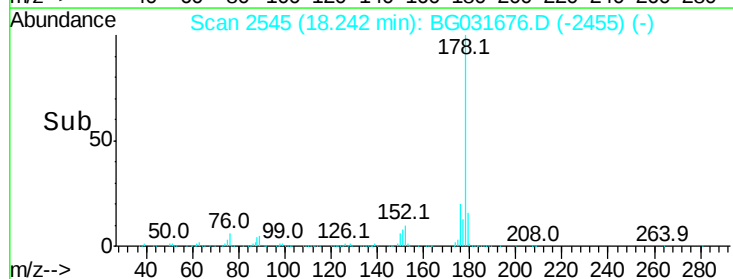
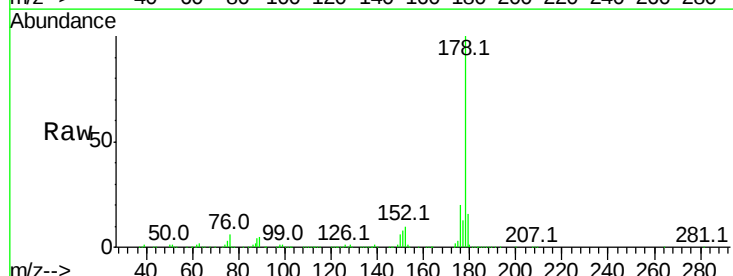
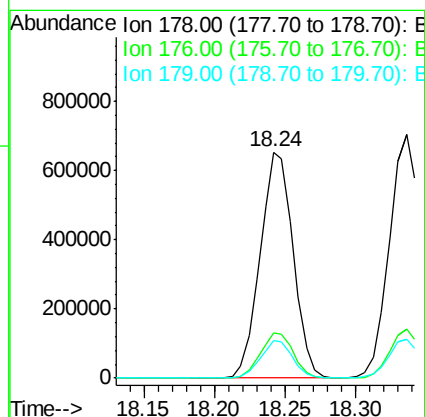
Manual Integrations  
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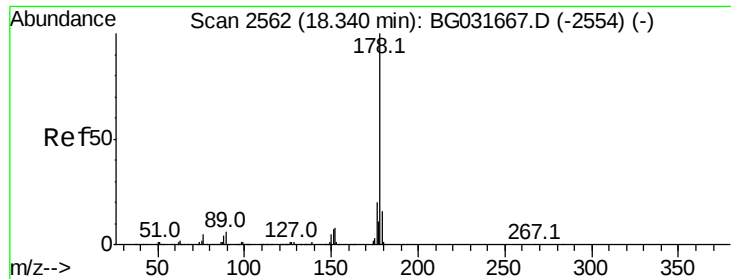
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 12/22/2017 12:44:07 PM



#70  
 Phenanthrene  
 Concen: 43.594 ng  
 RT: 18.24 min Scan# 2545  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 178  | Resp: | 1074780 |
| Ion Ratio |      | Lower | Upper   |
| 178       | 100  |       |         |
| 176       | 20.0 | 15.7  | 23.5    |
| 179       | 16.4 | 12.5  | 18.7    |





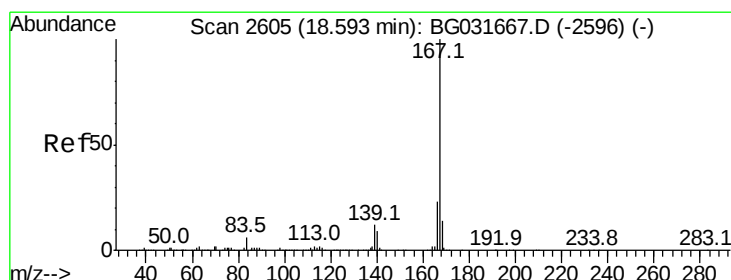
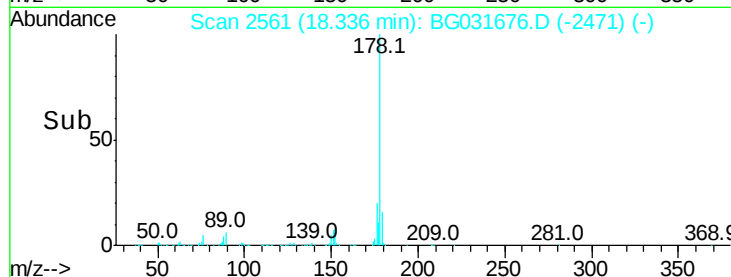
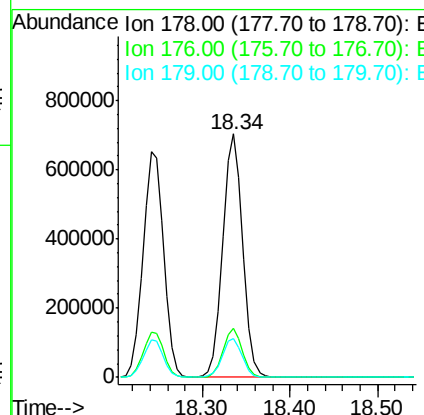
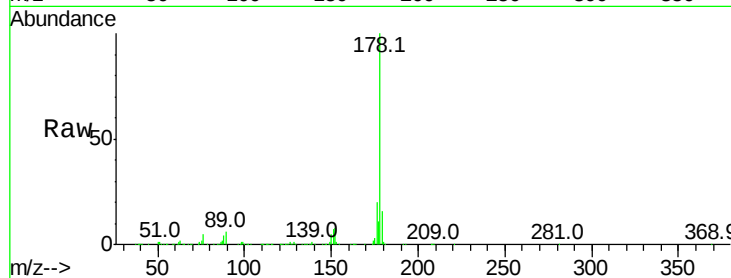
#71  
 Anthracene  
 Concen: 44.483 ng  
 RT: 18.34 min Scan# 2561  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.0  | 24.0  |
| 179     | 16.2  | 12.5  | 18.7  |

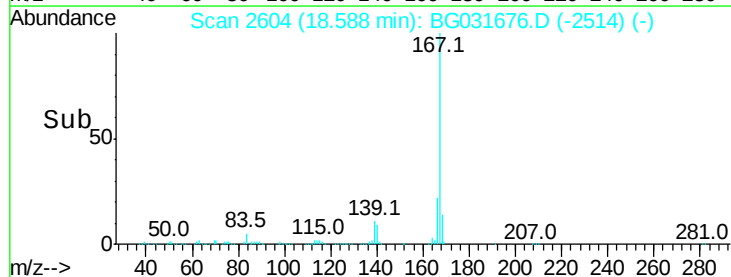
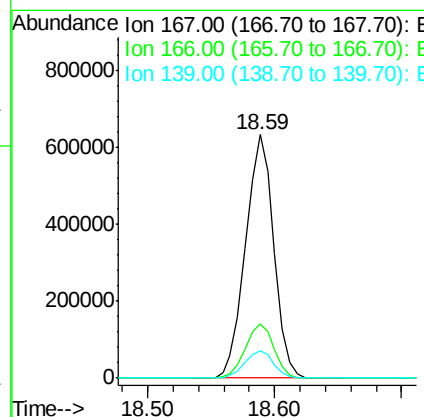
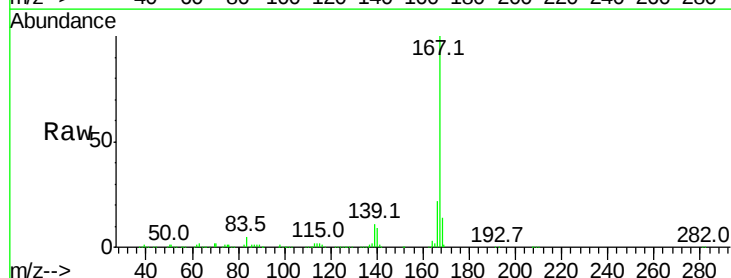
Manual Integrations  
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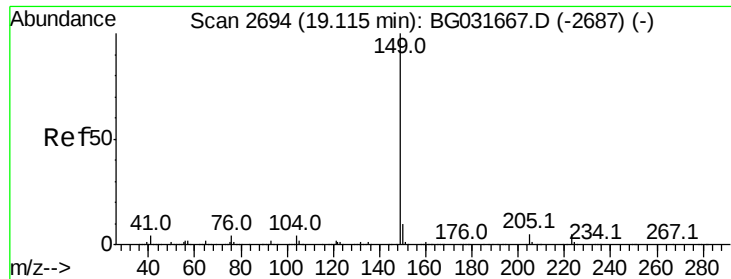
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#72  
 Carbazole  
 Concen: 44.287 ng  
 RT: 18.59 min Scan# 2604  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.2  | 27.4  |
| 139     | 11.4  | 9.4   | 14.2  |





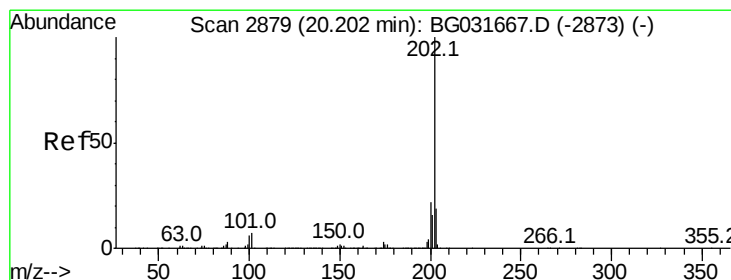
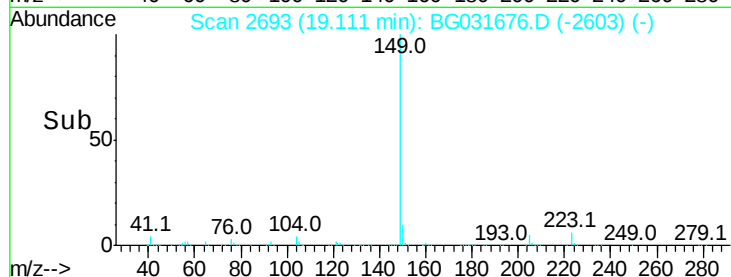
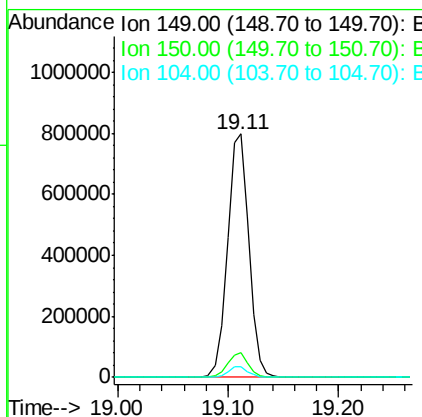
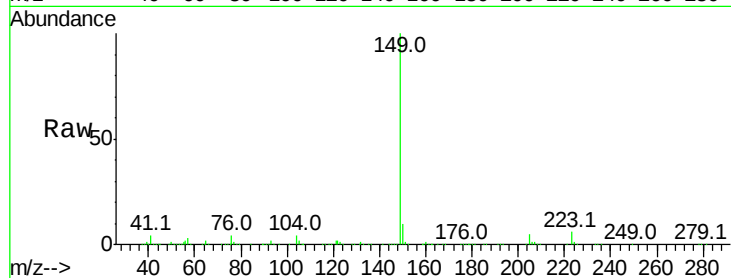
#73  
Di-n-butylphthalate  
Concen: 44.118 ng  
RT: 19.11 min Scan# 2693  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.2  | 7.8   | 11.6  |
| 104     | 4.4   | 3.9   | 5.9   |

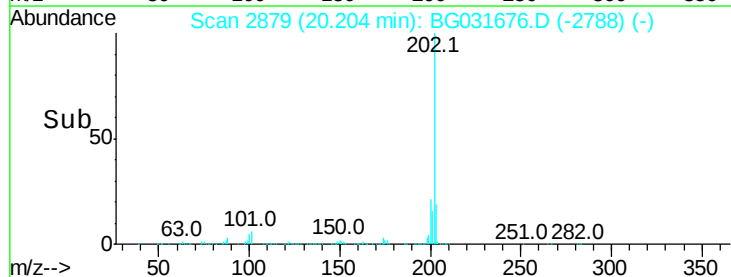
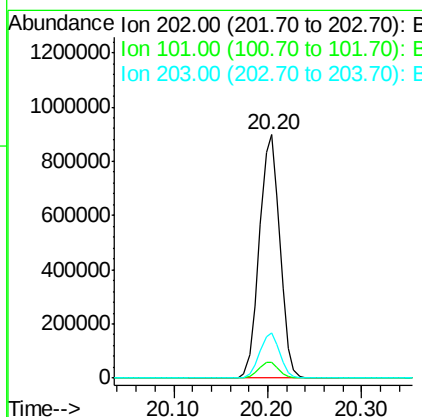
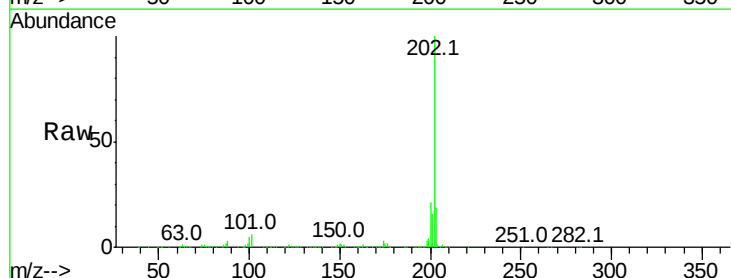
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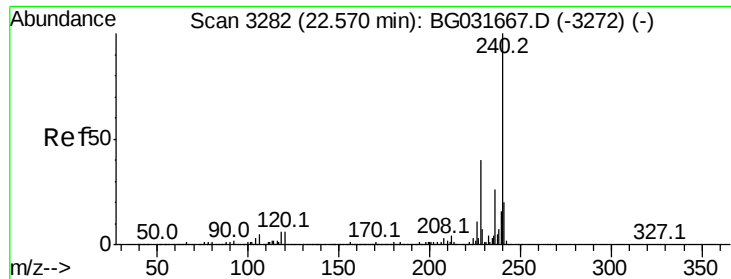
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#74  
Fluoranthene  
Concen: 44.710 ng  
RT: 20.20 min Scan# 2879  
Delta R.T. 0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.3   | 0.0   | 28.9  |
| 203     | 18.8  | 0.0   | 37.5  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.57 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

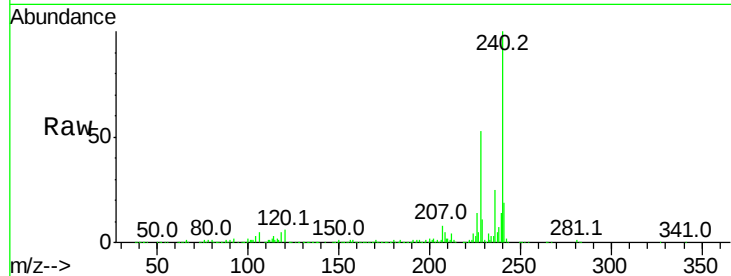
ClientSampleId :

PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.6   | 6.8   | 10.2# |
| 236     | 24.8  | 20.9  | 31.3  |

Manual Integrations  
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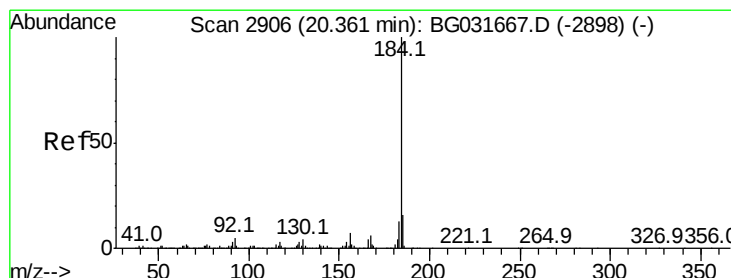
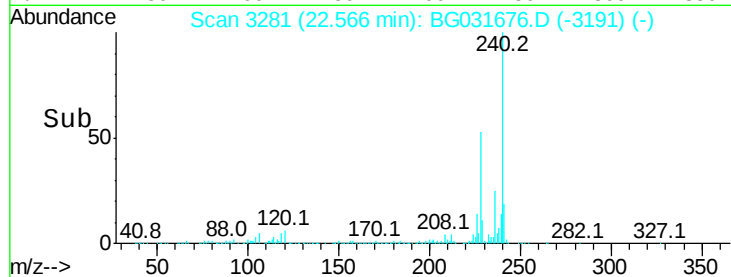
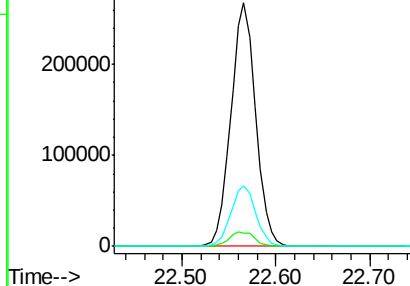
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.085 ng

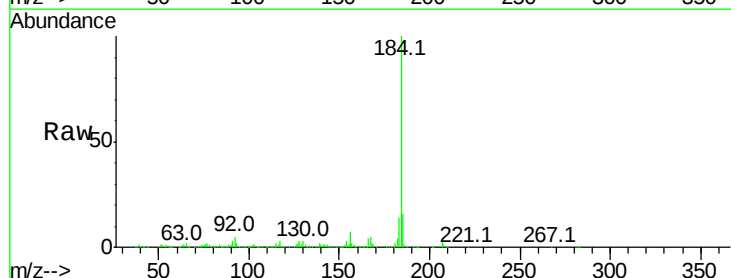
RT: 20.36 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

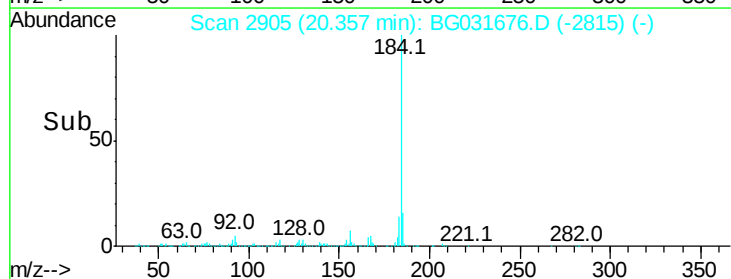
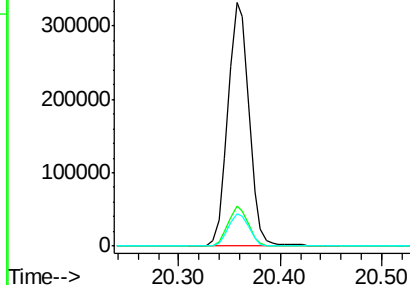
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.4  | 11.1  | 16.7  |
| 183     | 13.6  | 10.6  | 16.0  |

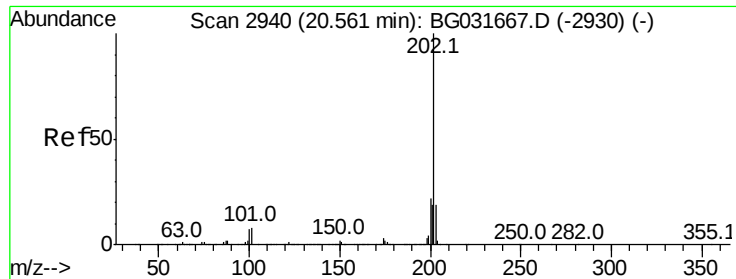


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.425 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

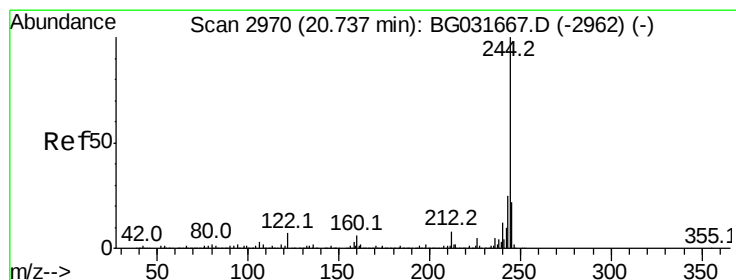
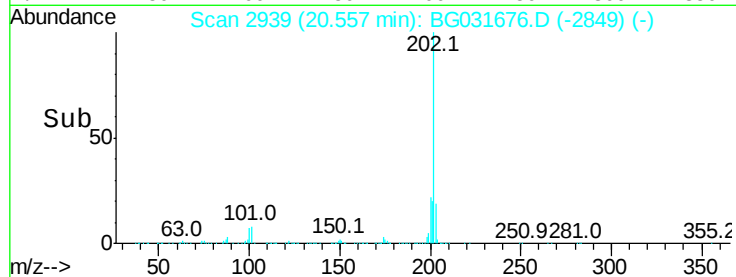
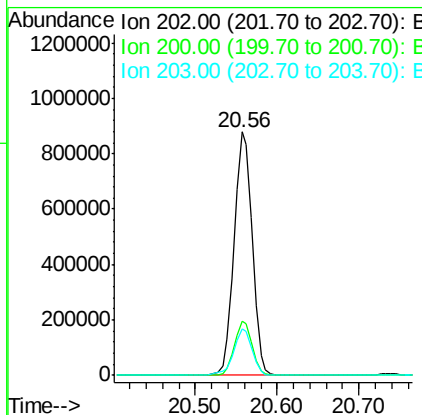
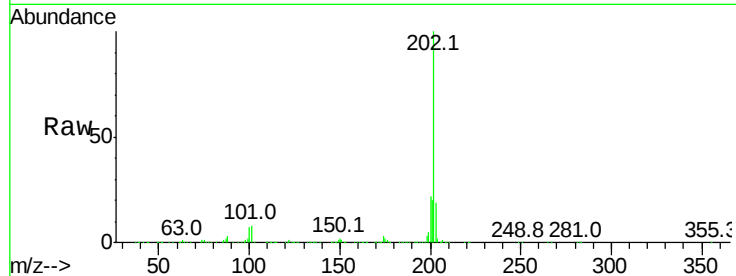
ClientSampleId :

PB105239BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1355893 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.4  | 16.9  | 25.3    |
| 203      | 18.9  | 13.9  | 20.9    |

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#78

Terphenyl-d14

Concen: 93.381 ng

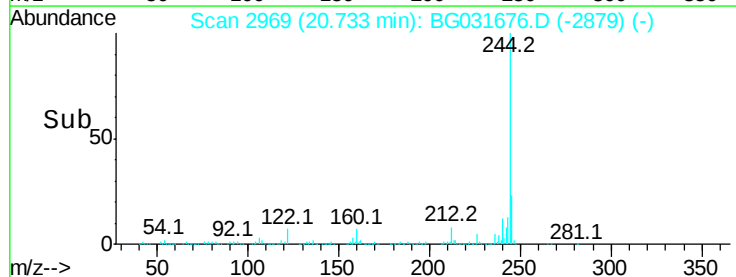
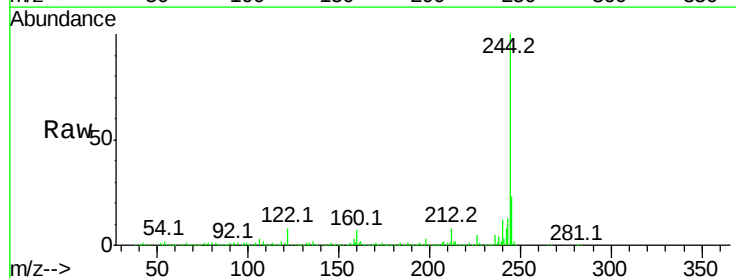
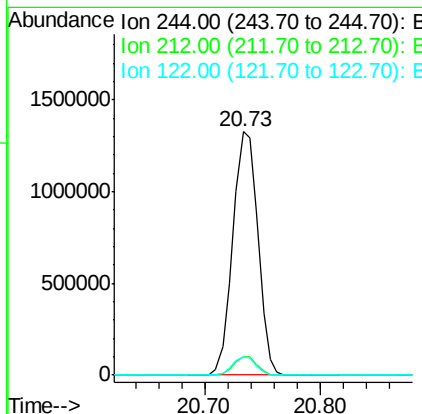
RT: 20.73 min Scan# 2969

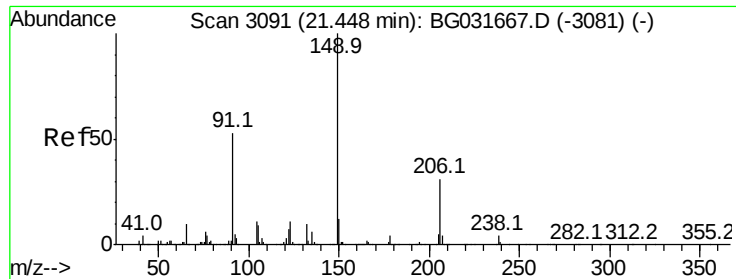
Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1997935 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.7   | 5.8   | 8.8     |
| 122      | 7.7   | 7.0   | 10.4    |





#79

Butylbenzylphthalate

Concen: 45.336 ng

RT: 21.44 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BG031676.D

Acq: 21 Dec 2017 16:51

Instrument :

BNA\_G

ClientSampleId :

PB105239BS

Tot Ion:149 Resp: 475196  
Ion Ratio Lower Upper

149 100

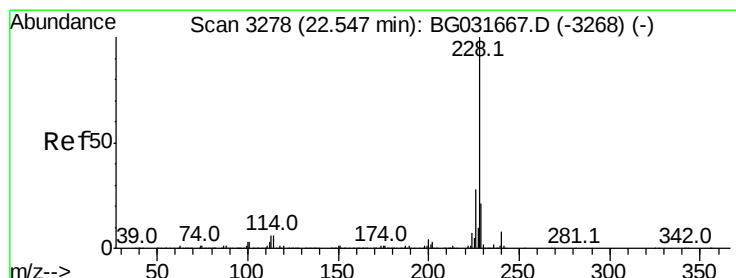
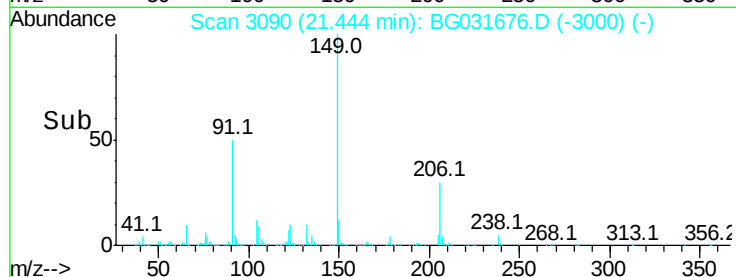
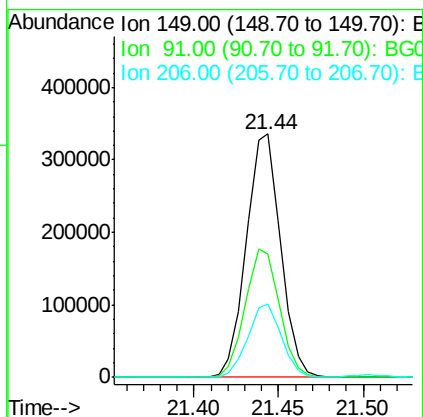
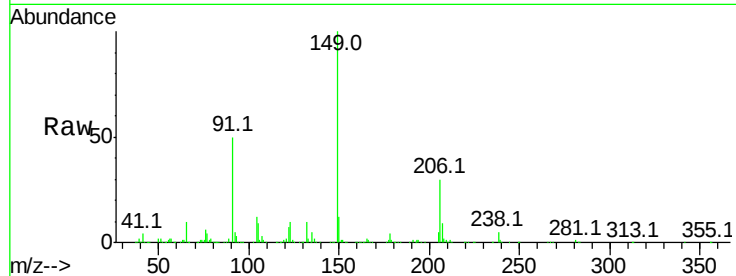
91 50.4 62.2 93.2#

206 30.3 18.6 27.8#

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#80

Benzo(a)anthracene

Concen: 44.364 ng

RT: 22.54 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BG031676.D

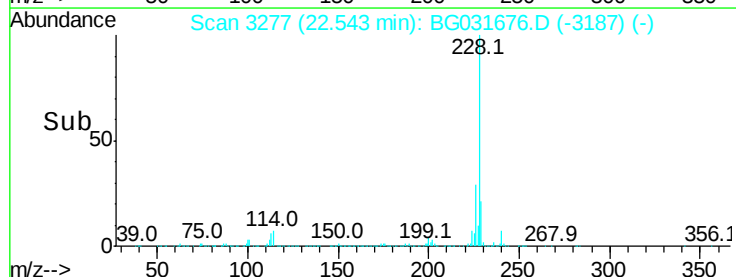
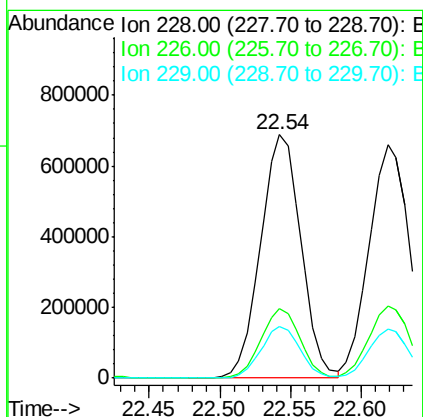
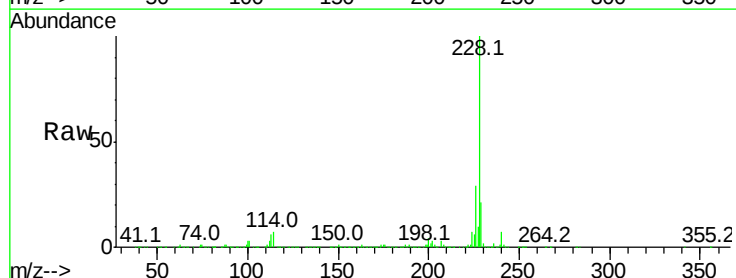
Acq: 21 Dec 2017 16:51

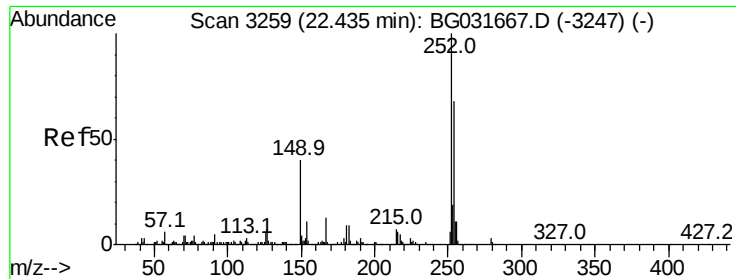
Tgt Ion:228 Resp: 1379446  
Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

229 21.2 16.2 24.2





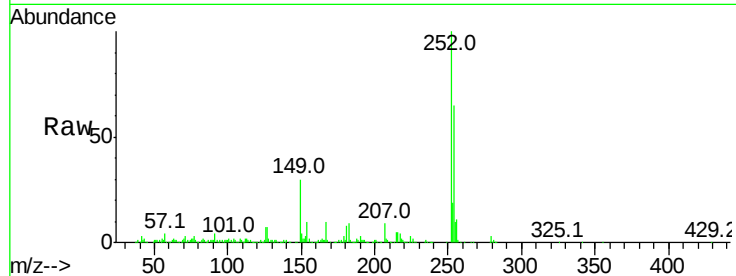
#81  
 3,3'-Dichlorobenzidine  
 Concen: 33.980 ng  
 RT: 22.43 min Scan# 3258  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.4  | 50.8  | 76.2  |
| 126     | 6.5   | 7.4   | 11.2  |

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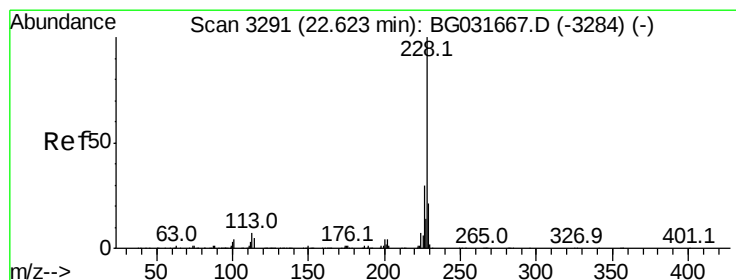
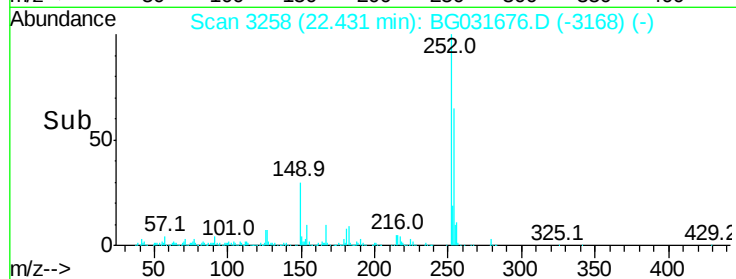
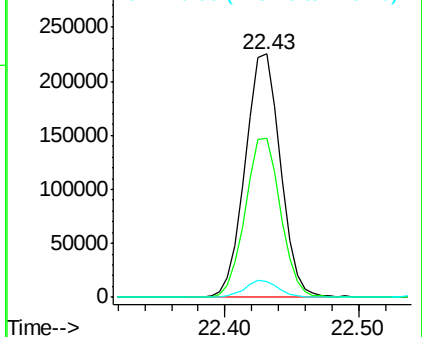


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 44.407 ng  
 RT: 22.62 min Scan# 3290  
 Delta R.T. -0.00 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

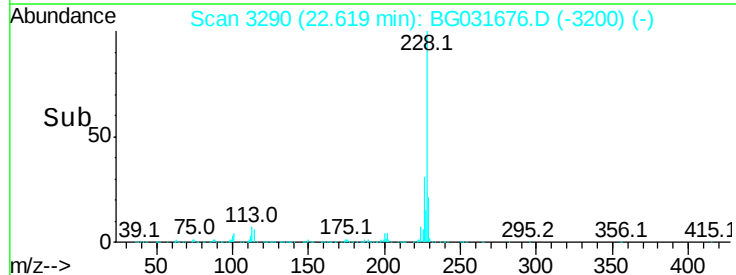
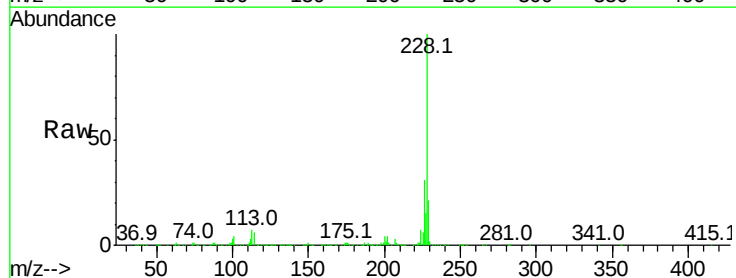
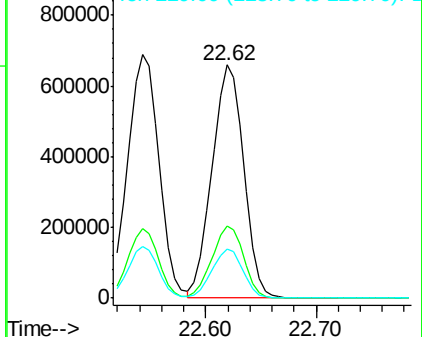
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 24.9  | 37.3  |
| 229     | 21.1  | 15.0  | 22.4  |

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





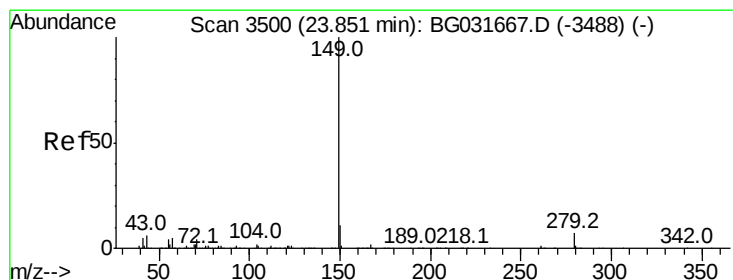
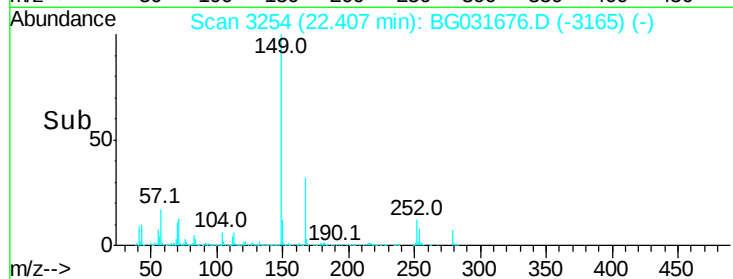
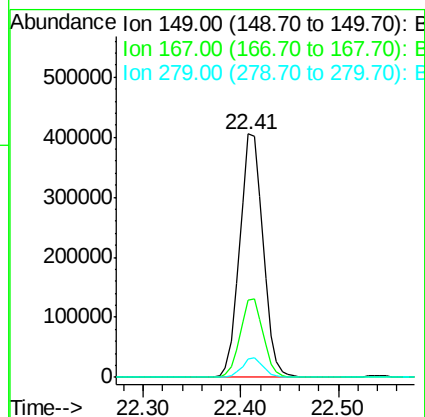
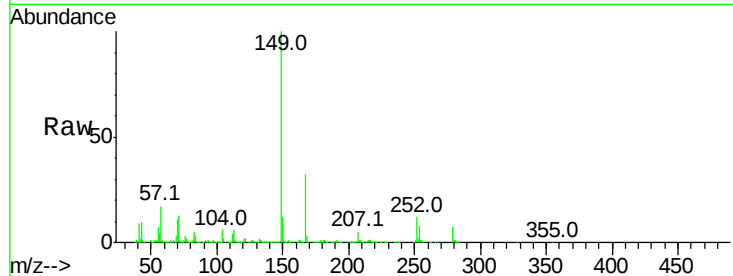
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.395 ng  
 RT: 22.41 min Scan# 3254  
 Delta R.T. -0.01 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.9  | 24.3  | 36.5  |
| 279     | 7.4   | 4.0   | 6.0   |

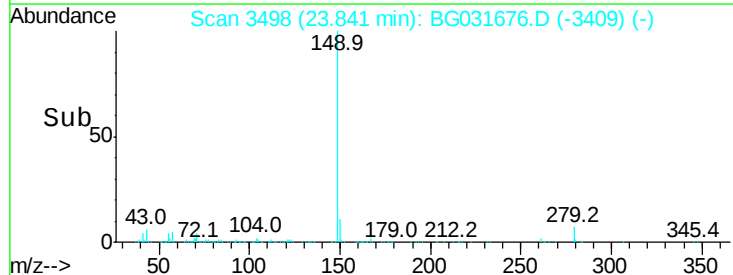
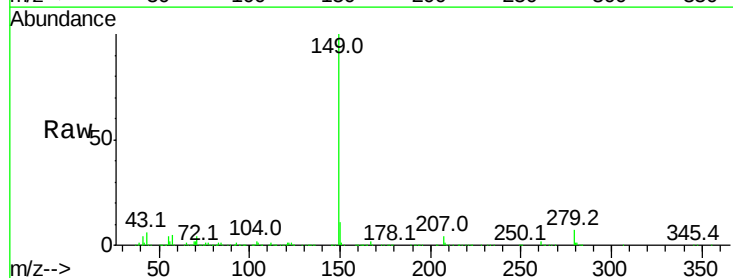
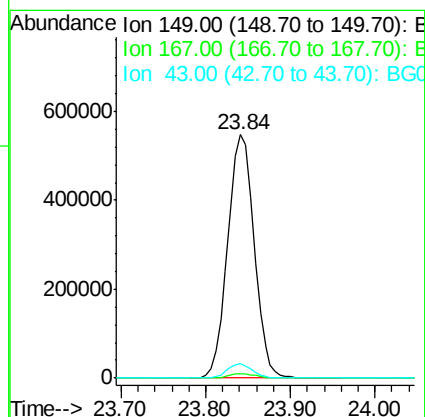
Manual Integrations  
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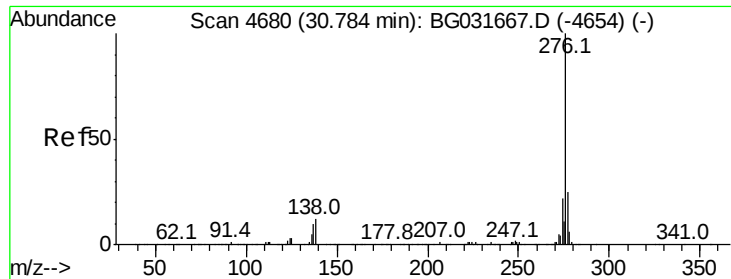
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#84  
 Di-n-octyl phthalate  
 Concen: 46.122 ng  
 RT: 23.84 min Scan# 3498  
 Delta R.T. -0.01 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 5.7   | 8.9   | 13.3  |





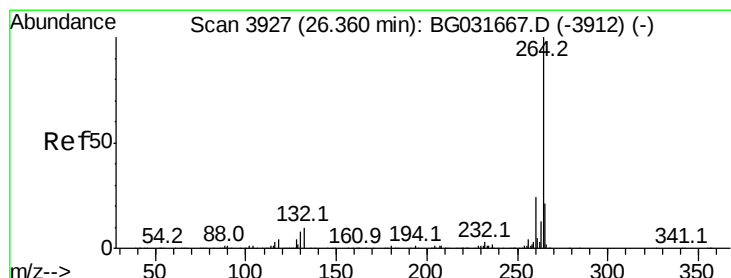
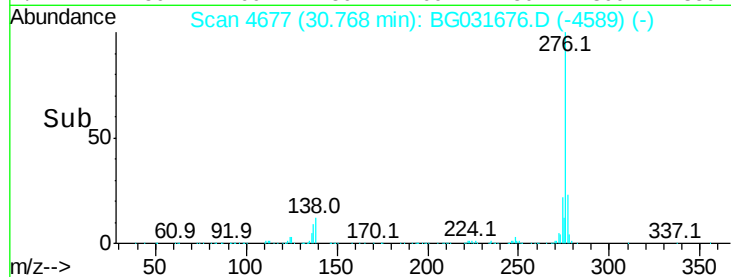
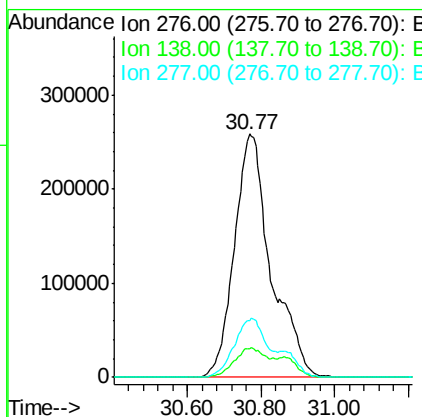
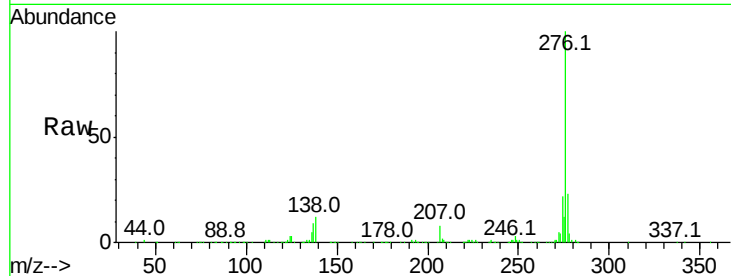
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 47.401 ng  
RT: 30.77 min Scan# 4677  
Delta R.T. -0.02 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 10.3  | 16.0  | 24.0# |
| 277     | 21.4  | 20.0  | 30.0  |

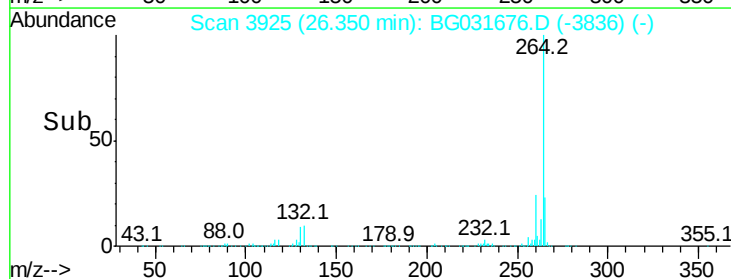
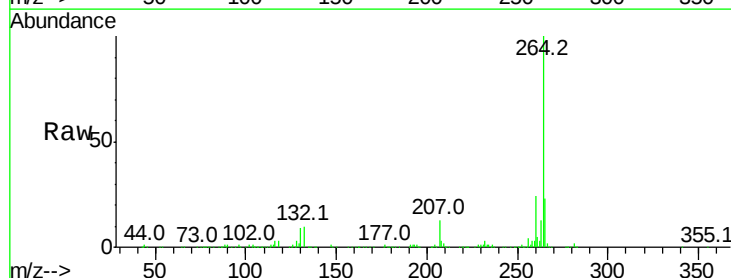
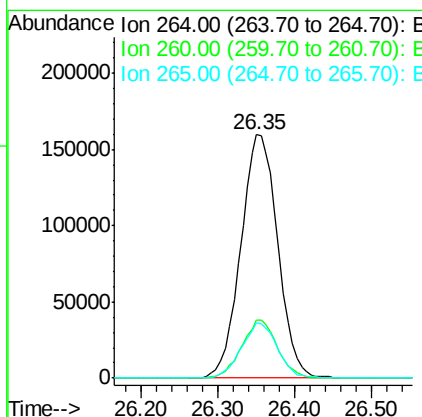
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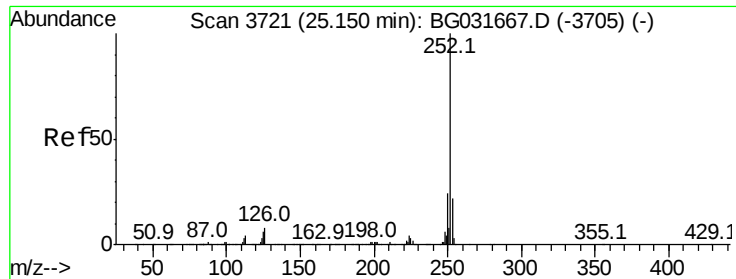
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.35 min Scan# 3925  
Delta R.T. -0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 17.4  | 26.0  |
| 265     | 22.9  | 17.7  | 26.5  |





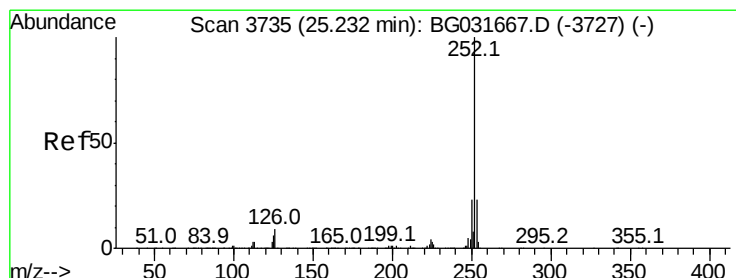
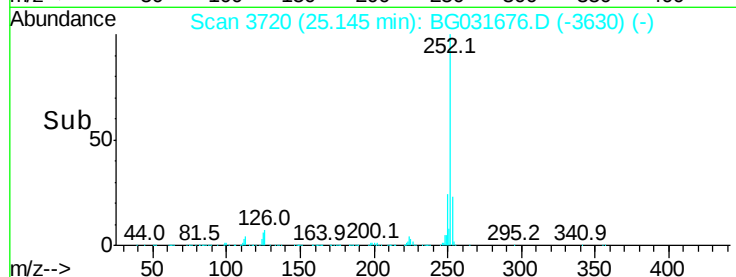
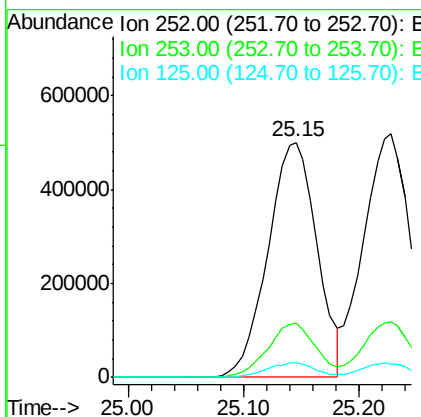
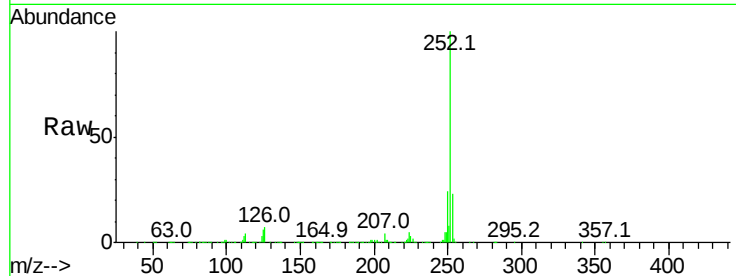
#87  
Benzo(b)fluoranthene  
Concen: 44.541 ng  
RT: 25.15 min Scan# 3720  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.2  | 27.4  |
| 125     | 5.9   | 7.2   | 10.8  |

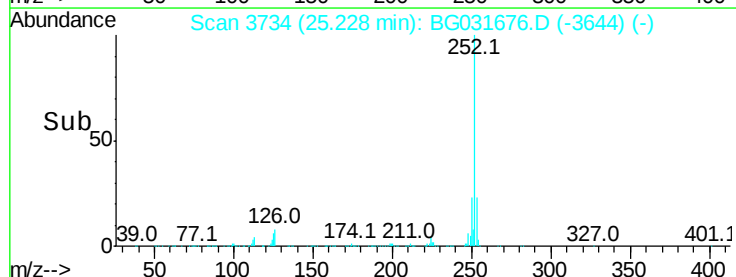
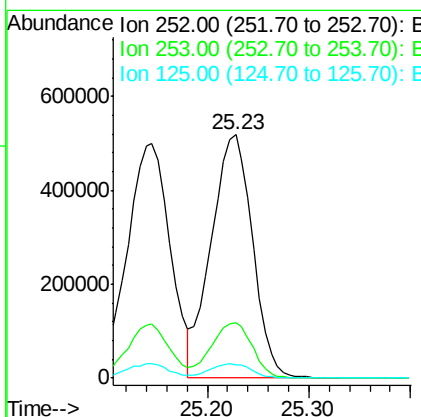
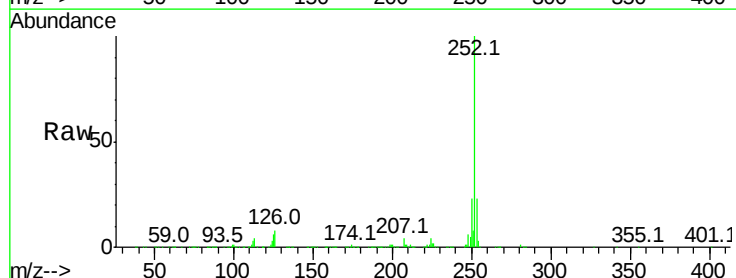
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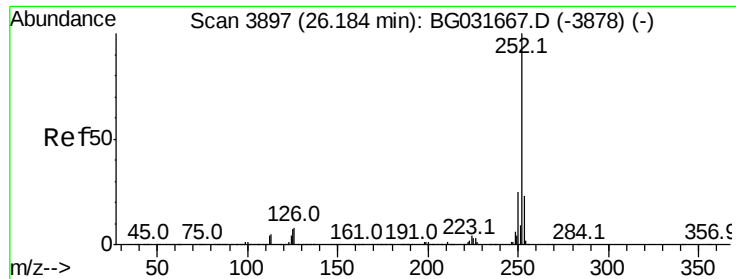
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#88  
Benzo(k)fluoranthene  
Concen: 43.926 ng  
RT: 25.23 min Scan# 3734  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.4  | 26.2  |
| 125     | 5.6   | 6.6   | 9.8   |





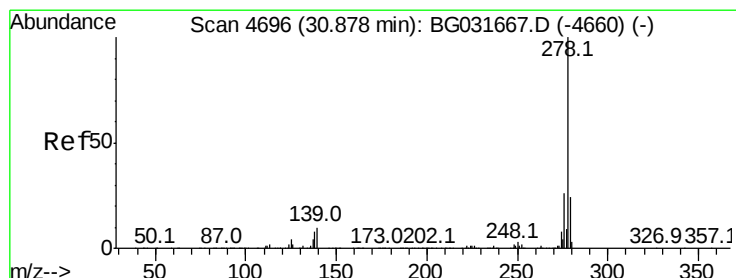
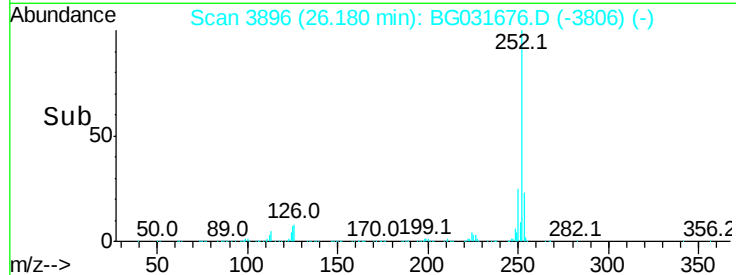
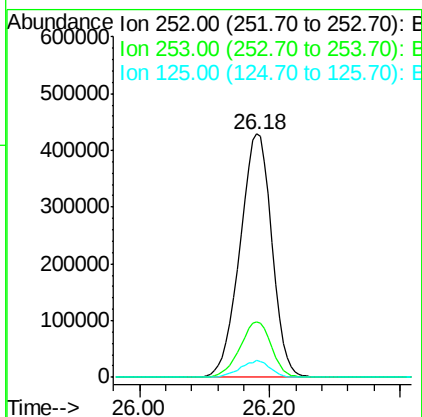
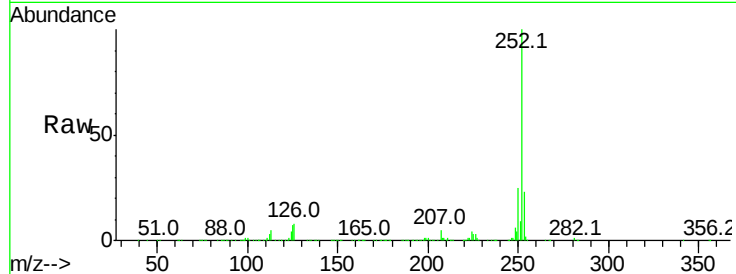
#89  
Benzo(a)pyrene  
Concen: 45.846 ng  
RT: 26.18 min Scan# 3896  
Delta R.T. -0.00 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.3  | 27.5  |
| 125     | 6.8   | 7.3   | 10.9  |

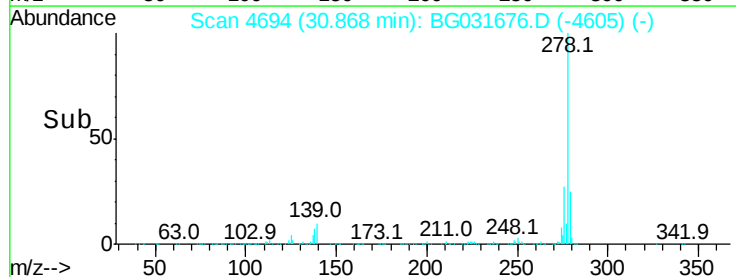
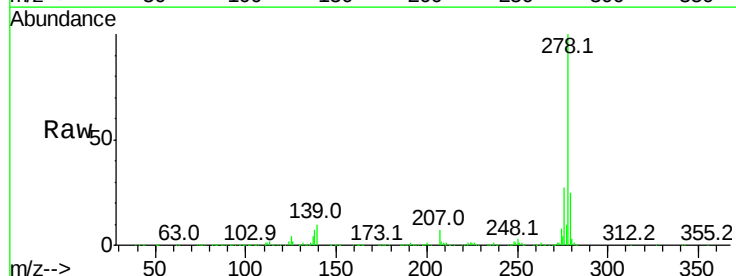
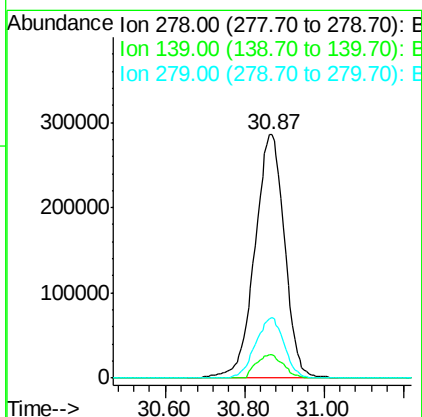
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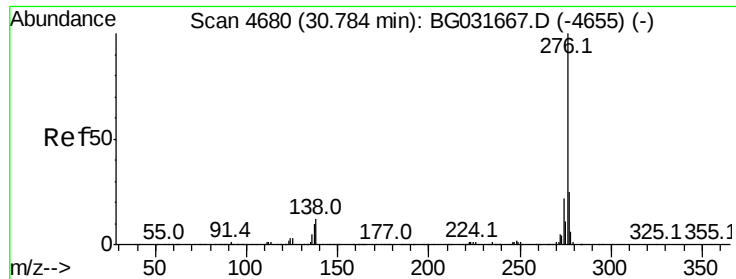
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.409 ng  
RT: 30.87 min Scan# 4694  
Delta R.T. -0.01 min  
Lab File: BG031676.D  
Acq: 21 Dec 2017 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.6   | 9.8   | 14.6  |
| 279     | 24.7  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.227 ng  
 RT: 30.77 min Scan# 4677  
 Delta R.T. -0.02 min  
 Lab File: BG031676.D  
 Acq: 21 Dec 2017 16:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB105239BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.3  | 27.5  |
| 138     | 11.9  | 13.9  | 20.9  |

Manual Integrations  
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