

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\  
 Data File : BG032692.D  
 Acq On : 14 Feb 2018 22:01  
 Operator : SJ/JU  
 Sample : PB106539BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

Manual Integrations  
 APPROVED

Sohil  
 2/15/2018 11:07:51 AM

Quant Time: Feb 15 04:36:35 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 12 18:08:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.65  | 152  | 22458    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.53 | 136  | 121128   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 15.30 | 164  | 73148    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 18.03 | 188  | 250093   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 22.36 | 240  | 324411   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 25.99 | 264  | 389286   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.10  | 112 | 123501  | 110.33 | ng | -0.01 |
| 7) Phenol-d6             | 7.78  | 99  | 130536  | 85.28  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.86  | 82  | 153293  | 80.43  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.78 | 330 | 157255  | 139.62 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.92 | 172 | 463043  | 79.16  | ng | -0.01 |
| 78) Terphenyl-d14        | 20.58 | 244 | 1161561 | 81.61  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.75  | 88  | 13274  | 28.348 | ng | # 74   |
| 3) Pyridine                    | 4.21  | 79  | 36474  | 30.368 | ng | # 75   |
| 4) n-Nitrosodimethylamine      | 4.12  | 42  | 22317  | 39.544 | ng | # 68   |
| 6) Aniline                     | 7.95  | 93  | 20692  | 11.438 | ng | 98     |
| 8) 2-Chlorophenol              | 8.20  | 128 | 62812  | 48.799 | ng | 84     |
| 9) Benzaldehyde                | 7.75  | 77  | 8114   | 8.970  | ng | 91     |
| 10) Phenol                     | 7.81  | 94  | 64883  | 43.587 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 8.05  | 93  | 40622  | 34.039 | ng | # 80   |
| 12) 1,3-Dichlorobenzene        | 8.54  | 146 | 68295  | 37.620 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.69  | 146 | 72978  | 40.690 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 9.02  | 146 | 84060  | 46.470 | ng | 97     |
| 15) Benzyl Alcohol             | 8.90  | 79  | 59630  | 51.978 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.18  | 45  | 48998  | 38.149 | ng | 71     |
| 17) 2-Methylphenol             | 9.10  | 107 | 61370m | 58.213 | ng |        |
| 18) Hexachloroethane           | 9.77  | 117 | 27444  | 41.908 | ng | # 78   |
| 19) n-Nitroso-di-n-propylamine | 9.47  | 70  | 46857  | 45.537 | ng | # 89   |
| 20) 3+4-Methylphenols          | 9.44  | 107 | 85963  | 53.951 | ng | 86     |
| 22) Acetophenone               | 9.50  | 105 | 101957 | 39.578 | ng | # 92   |
| 24) Nitrobenzene               | 9.90  | 77  | 73112  | 36.638 | ng | # 84   |
| 25) Isophorone                 | 10.42 | 82  | 133004 | 36.603 | ng | # 84   |
| 26) 2-Nitrophenol              | 10.62 | 139 | 50902  | 47.693 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 10.66 | 122 | 80080  | 57.110 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.90 | 93  | 73349  | 39.487 | ng | # 90   |
| 29) 2,4-Dichlorophenol         | 11.17 | 162 | 102666 | 50.025 | ng | 83     |
| 30) 1,2,4-Trichlorobenzene     | 11.38 | 180 | 107330 | 37.304 | ng | 93     |
| 31) Naphthalene                | 11.58 | 128 | 250901 | 42.659 | ng | 99     |
| 32) Benzoic acid               | 10.79 | 122 | 33508m | 31.481 | ng |        |
| 33) 4-Chloroaniline            | 11.68 | 127 | 29714  | 12.732 | ng | # 93   |
| 34) Hexachlorobutadiene        | 11.85 | 225 | 86948  | 36.873 | ng | 96     |
| 35) Caprolactam                | 12.46 | 113 | 21659  | 37.163 | ng | # 34   |
| 36) 4-Chloro-3-methylphenol    | 12.78 | 107 | 74027  | 40.101 | ng | # 91   |
| 37) 2-Methylnaphthalene        | 13.16 | 142 | 159524 | 33.438 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.51 | 216 | 120824 | 34.972 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 13.49 | 237 | 152881 | 69.925 | ng | 92     |

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Manual Integrations  
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Sohil  
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Quant Time: Feb 15 04:36:35 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 12 18:08:01 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.74 | 196  | 78290    | 45.402 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.82 | 196  | 87311    | 40.630 | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 14.13 | 154  | 234322   | 38.932 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 14.19 | 162  | 183992   | 38.632 | nq    | 96       |
| 47) 2-Nitroaniline             | 14.38 | 65   | 42077    | 40.615 | nq #  | 77       |
| 48) Acenaphthylene             | 15.03 | 152  | 280230   | 39.993 | nq    | 98       |
| 49) Dimethylphthalate          | 14.73 | 163  | 251816   | 39.826 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.86 | 165  | 55859    | 42.896 | nq #  | 71       |
| 51) Acenaphthene               | 15.36 | 154  | 194811   | 40.711 | nq    | 97       |
| 52) 3-Nitroaniline             | 15.20 | 138  | 23622    | 20.542 | nq #  | 78       |
| 53) 2,4-Dinitrophenol          | 15.40 | 184  | 26487    | 43.763 | nq #  | 61       |
| 54) Dibenzofuran               | 15.69 | 168  | 357101   | 50.159 | nq    | 97       |
| 55) 4-Nitrophenol              | 15.49 | 139  | 79918    | 92.766 | nq #  | 73       |
| 56) 2,4-Dinitrotoluene         | 15.64 | 165  | 91214    | 50.837 | nq #  | 67       |
| 57) Fluorene                   | 16.34 | 166  | 358760   | 61.276 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.91 | 232  | 117294   | 57.975 | nq #  | 86       |
| 59) Diethylphthalate           | 16.08 | 149  | 357163   | 58.054 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.32 | 204  | 224555   | 58.090 | nq    | 89       |
| 61) 4-Nitroaniline             | 16.35 | 138  | 64119    | 54.082 | nq #  | 77       |
| 62) Azobenzene                 | 16.61 | 77   | 235201   | 59.504 | nq    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 16.40 | 198  | 49974    | 29.620 | nq #  | 73       |
| 65) n-Nitrosodiphenylamine     | 16.52 | 169  | 304665   | 41.537 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.21 | 248  | 151430   | 42.308 | nq    | 96       |
| 67) Hexachlorobenzene          | 17.34 | 284  | 161935   | 42.124 | nq #  | 90       |
| 68) Atrazine                   | 17.46 | 200  | 146934   | 46.705 | nq    | 95       |
| 69) Pentachlorophenol          | 17.68 | 266  | 175506   | 74.575 | nq    | 98       |
| 70) Phenanthrene               | 18.08 | 178  | 552917   | 41.156 | nq    | 99       |
| 71) Anthracene                 | 18.17 | 178  | 580012   | 42.194 | nq    | 99       |
| 72) Carbazole                  | 18.43 | 167  | 470028   | 40.104 | nq    | 100      |
| 73) Di-n-butylphthalate        | 18.94 | 149  | 546149   | 41.386 | nq    | 99       |
| 74) Fluoranthene               | 20.04 | 202  | 710652   | 39.623 | nq    | 95       |
| 76) Benzidine                  | 20.21 | 184  | 139911   | 18.315 | nq    | 99       |
| 77) Pyrene                     | 20.40 | 202  | 725948   | 37.614 | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.26 | 149  | 255125   | 40.128 | nq #  | 79       |
| 80) Benzo(a)anthracene         | 22.34 | 228  | 836947   | 41.205 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.22 | 252  | 146381   | 19.297 | nq #  | 97       |
| 82) Chrysene                   | 22.41 | 228  | 797393   | 39.813 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 22.18 | 149  | 373293   | 40.716 | nq #  | 97       |
| 84) Di-n-octyl phthalate       | 23.53 | 149  | 660058   | 45.887 | nq #  | 90       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.20 | 276  | 1126087  | 47.462 | nq #  | 90       |
| 87) Benzo(b)fluoranthene       | 24.83 | 252  | 735355   | 31.697 | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 24.90 | 252  | 817453   | 34.047 | nq #  | 95       |
| 89) Benzo(a)pyrene             | 25.82 | 252  | 942393   | 41.697 | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 30.27 | 278  | 926749   | 41.188 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 31.53 | 276  | 936051   | 43.035 | nq #  | 89       |

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

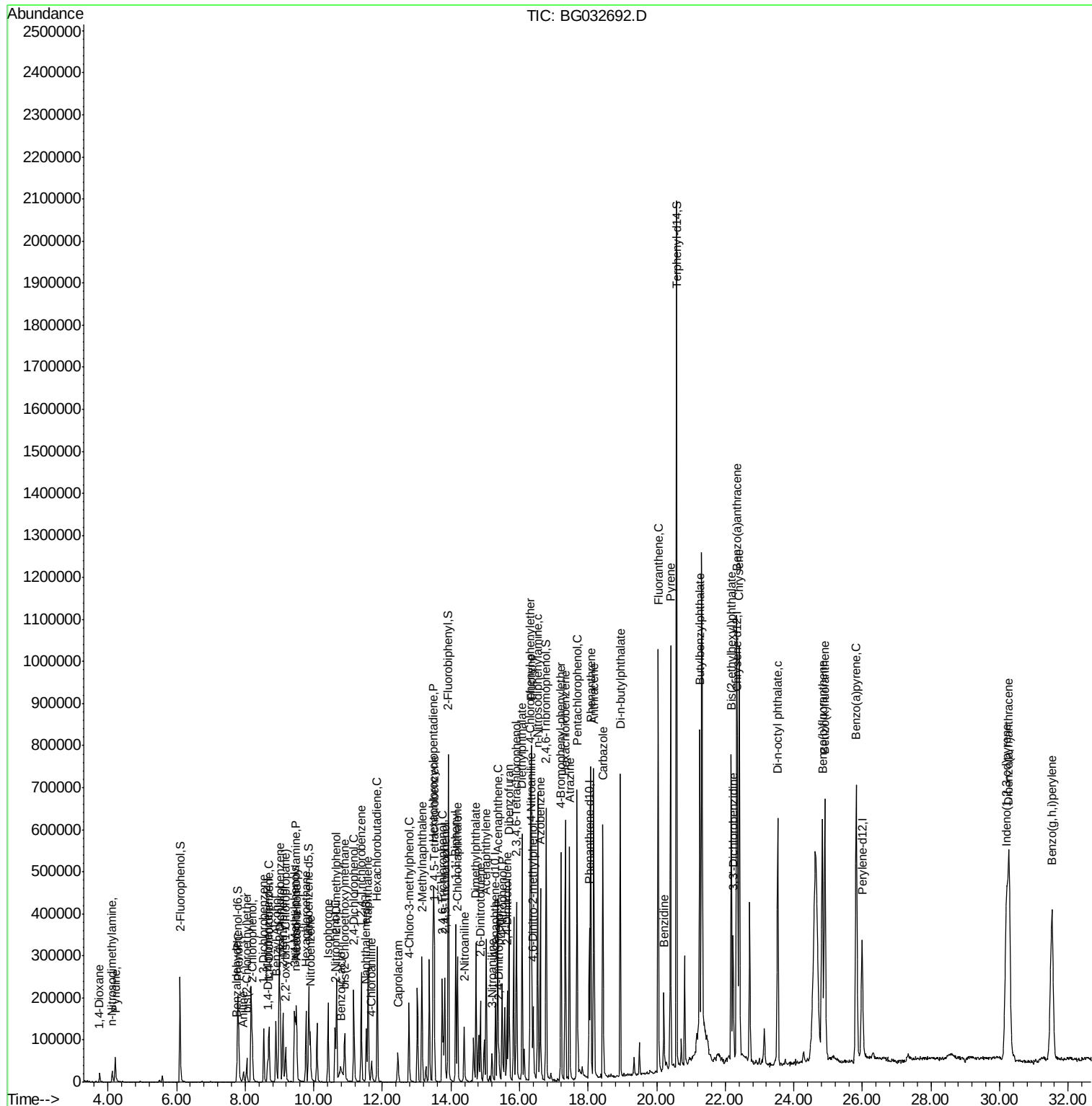
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\  
 Data File : BG032692.D  
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 Operator : SJ/JU  
 Sample : PB106539BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

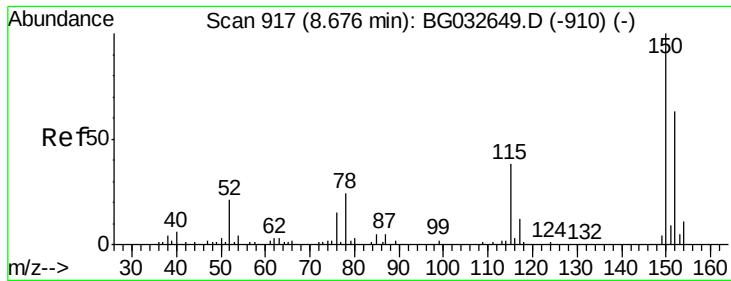
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB106539BS

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Sohil  
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#1

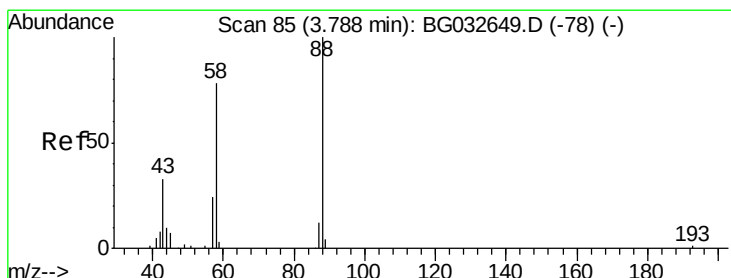
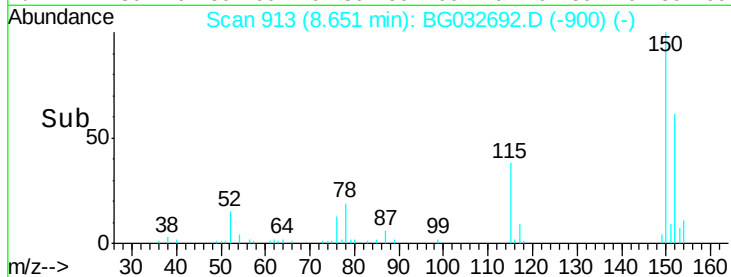
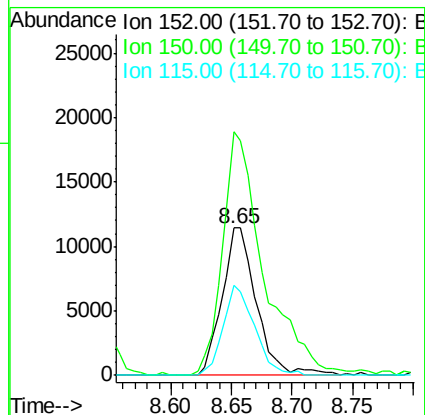
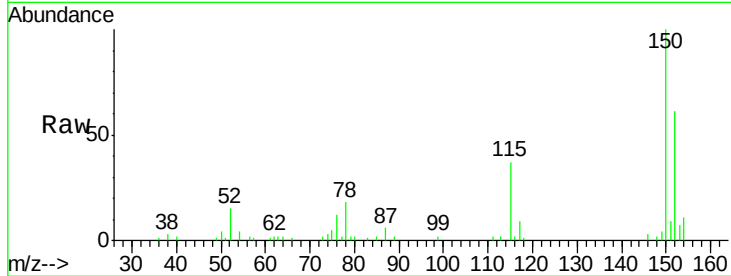
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.65 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 165.2 | 126.6 | 189.8 |
| 115     | 61.5  | 53.0  | 79.4  |

Manual Integrations  
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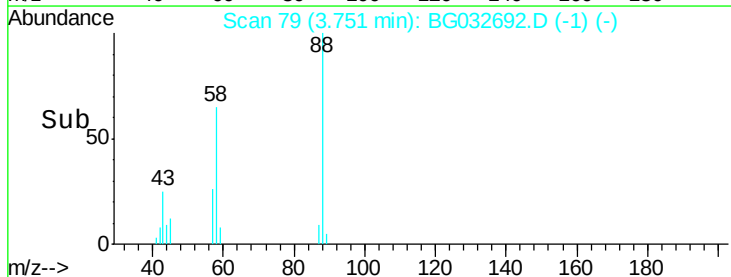
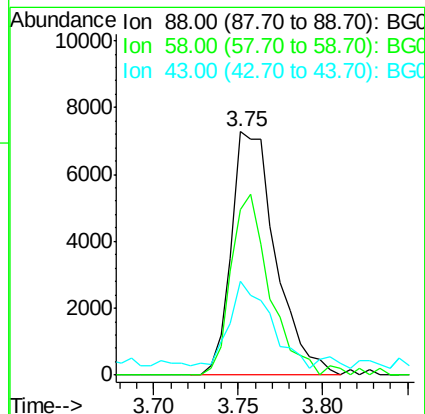
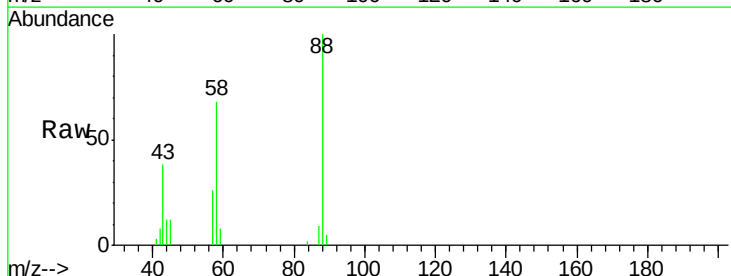
Sohil  
2/15/2018 11:07:51 AM

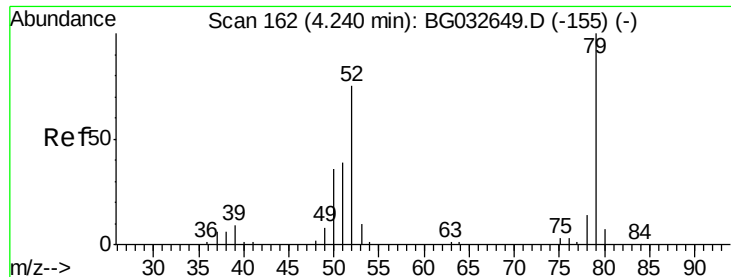


#2

1,4-Dioxane  
Concen: 28.348 ng  
RT: 3.75 min Scan# 79  
Delta R.T. -0.04 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 65.5  | 79.6  | 119.4# |
| 43      | 32.7  | 27.4  | 41.0   |





#3

Pvridine

Concen: 30.368 ng

RT: 4.21 min Scan# 157

Delta R.T. -0.03 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

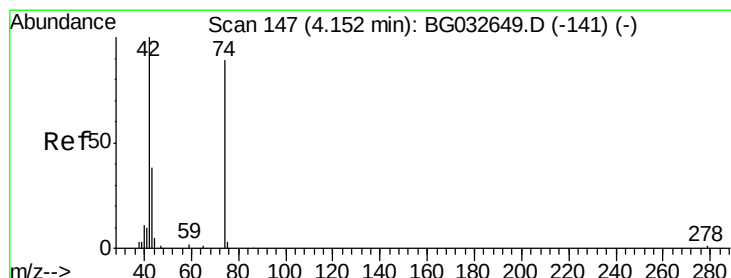
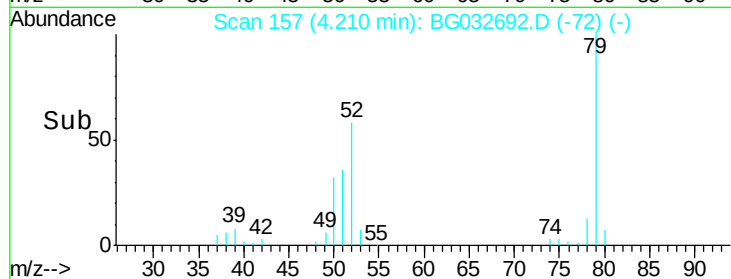
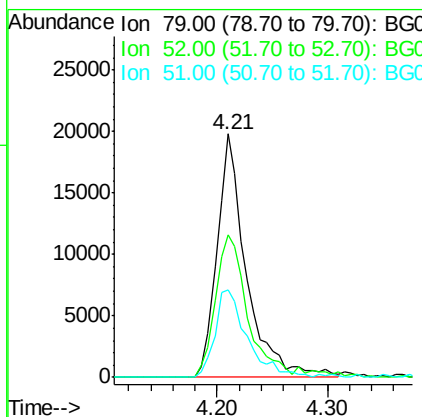
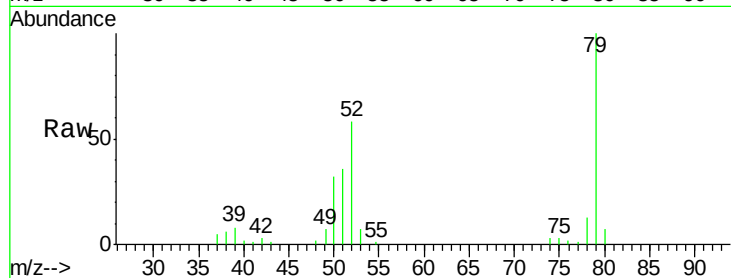
ClientSampled :

PB106539BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 36474  |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 58.4  | 69.9  | 104.9# |
| 51       | 35.7  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.544 ng

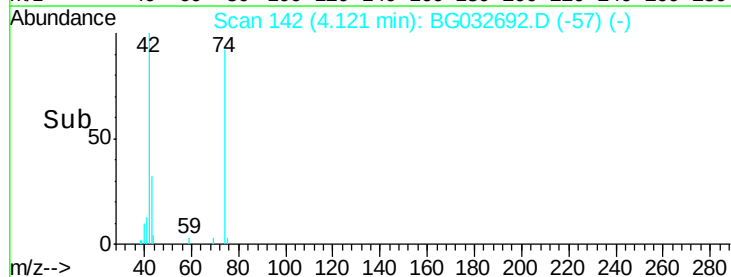
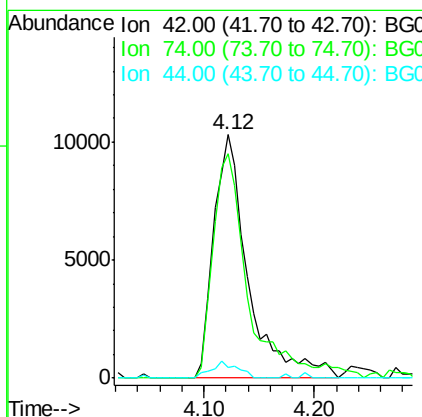
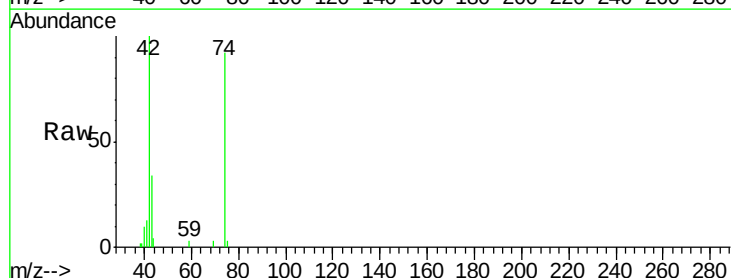
RT: 4.12 min Scan# 142

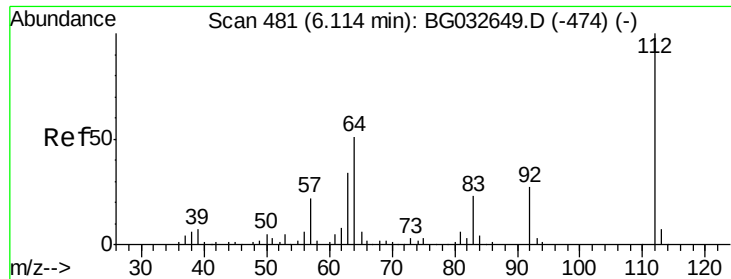
Delta R.T. -0.03 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 22317  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 92.4  | 102.5 | 153.7# |
| 44       | 4.5   | 18.9  | 28.3#  |





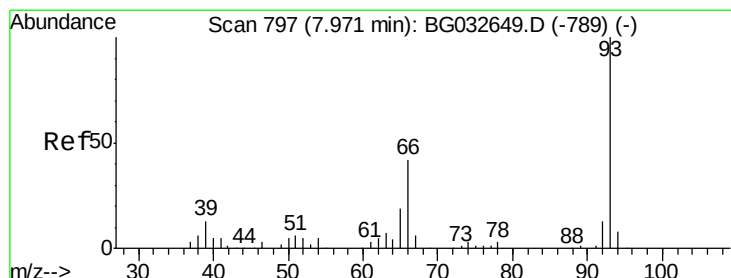
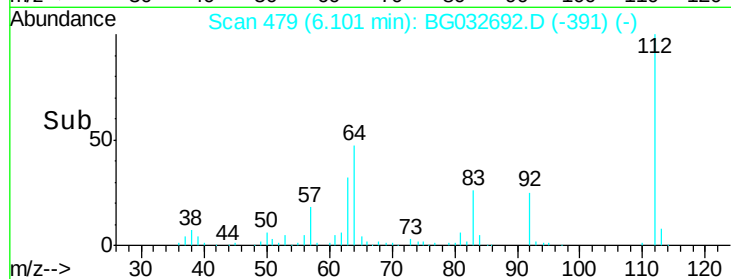
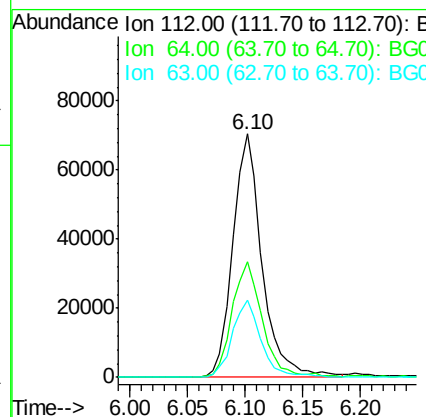
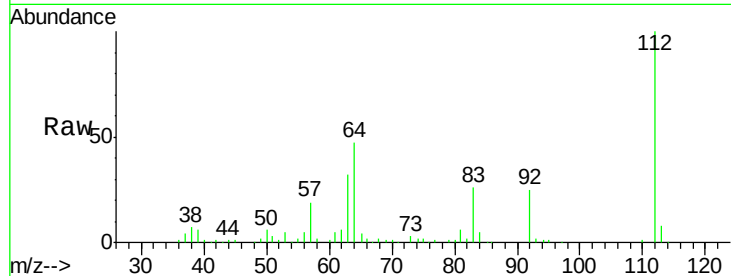
#5  
2-Fluorophenol  
Concen: 110.333 ng  
RT: 6.10 min Scan# 479  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 47.4  | 56.3       | 84.5# |
| 63      | 31.9  | 30.1       | 45.1  |

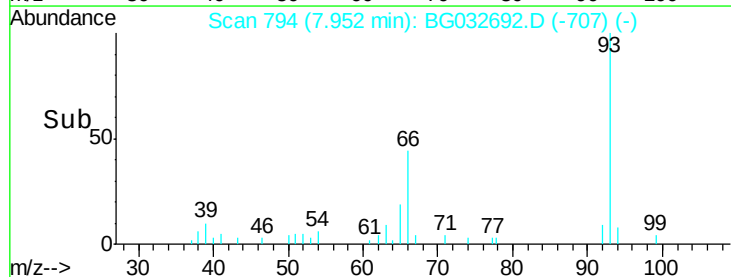
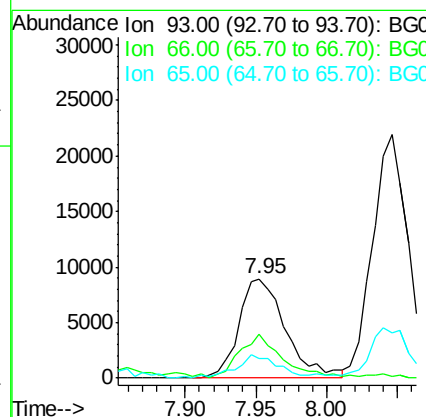
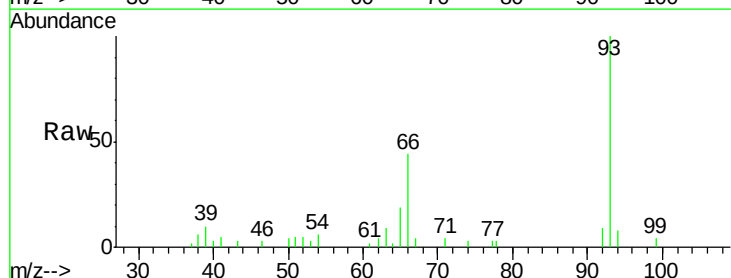
Manual Integrations  
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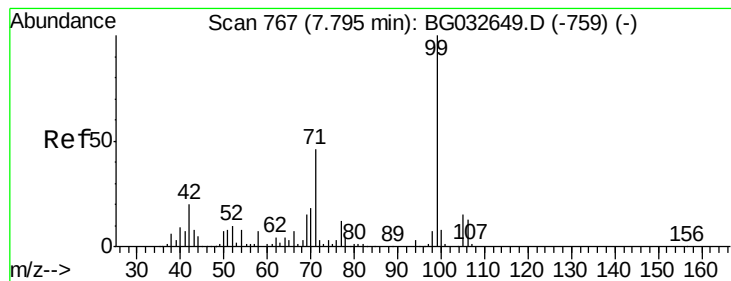
Sohil  
2/15/2018 11:07:51 AM



#6  
Aniline  
Concen: 11.438 ng  
RT: 7.95 min Scan# 794  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 43.6  | 33.7       | 50.5  |
| 65      | 19.4  | 16.1       | 24.1  |





#7

Phenol-d6

Concen: 85.285 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

ClientSampleId :

PB106539BS

Tot Ion: 99 Resp: 130536

Ion Ratio Lower Upper

99 100

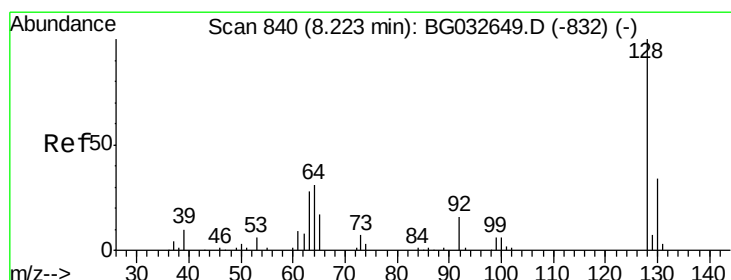
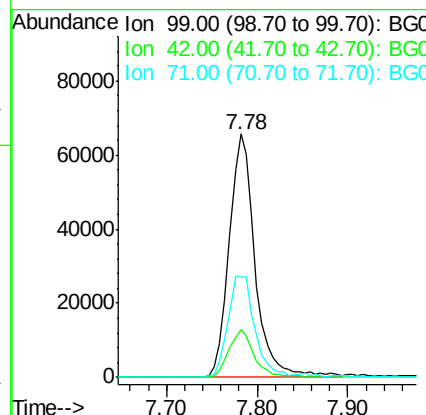
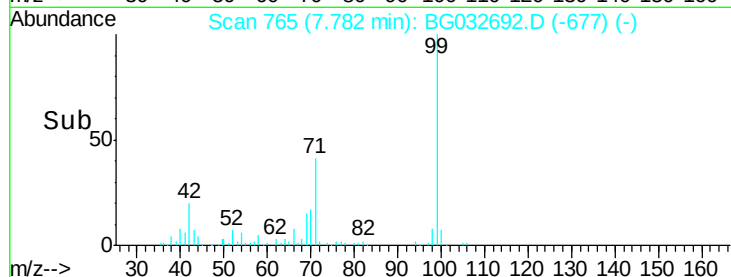
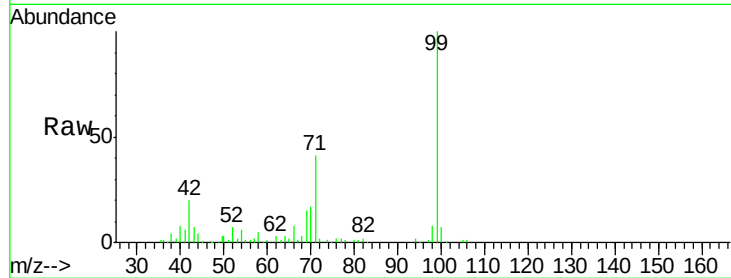
42 19.6 14.1 21.1

71 41.2 26.1 39.1#

Manual Integrations  
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2/15/2018 11:07:51 AM



#8

2-Chlorophenol

Concen: 48.799 ng

RT: 8.20 min Scan# 837

Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

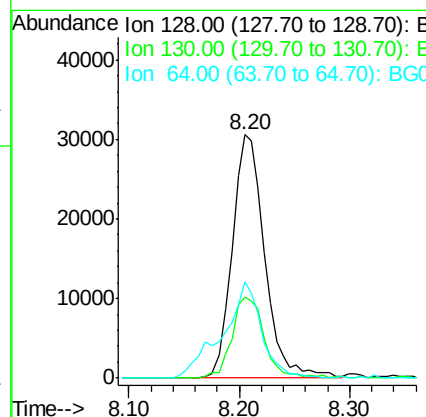
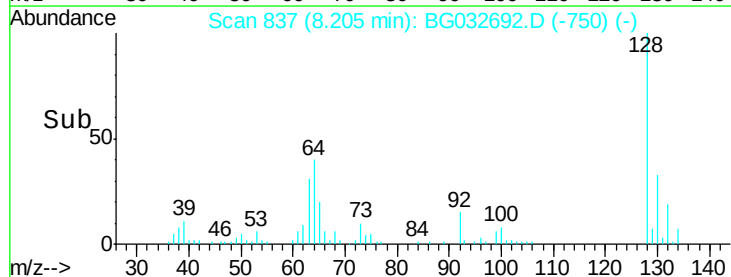
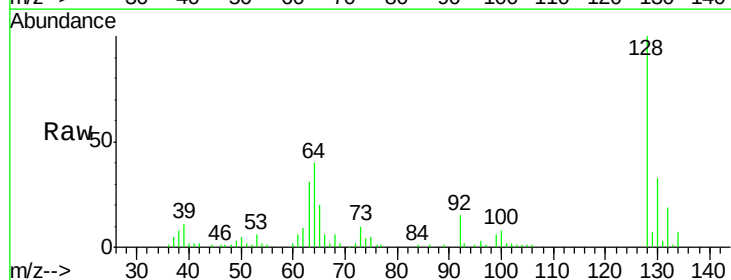
Tgt Ion: 128 Resp: 62812

Ion Ratio Lower Upper

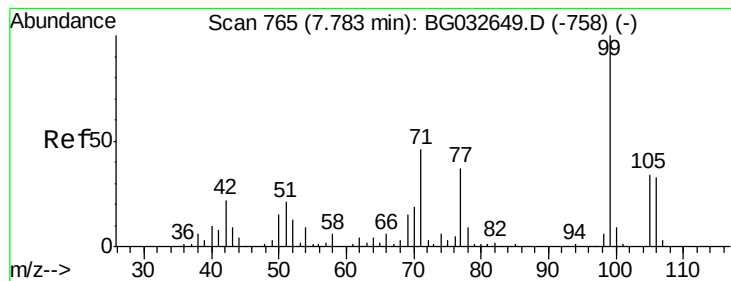
128 100

130 33.3 14.0 54.0

64 39.6 37.7 77.7







#9

Benzaldehyde

Concen: 8.970 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.03 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

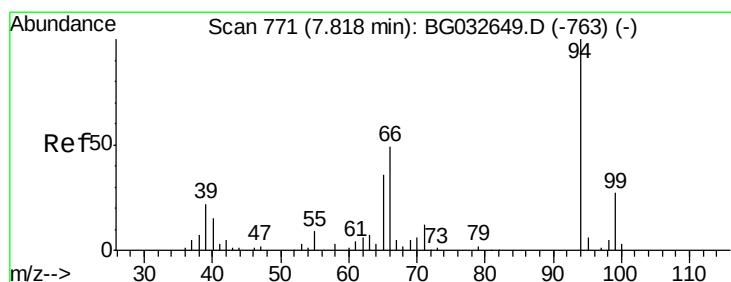
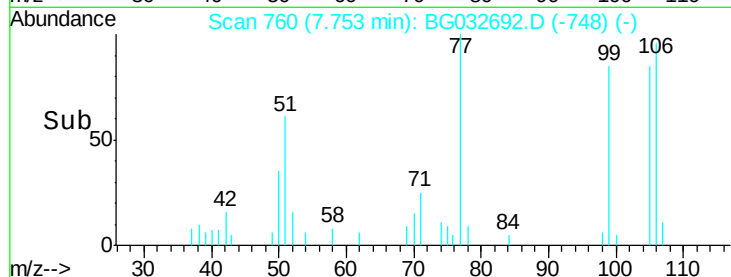
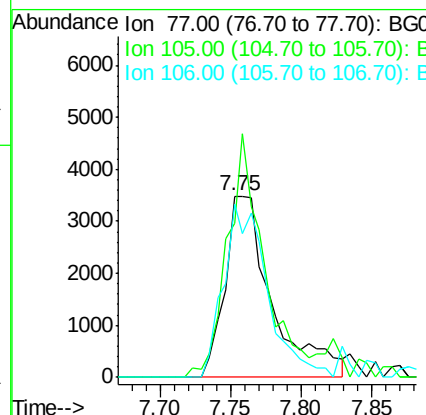
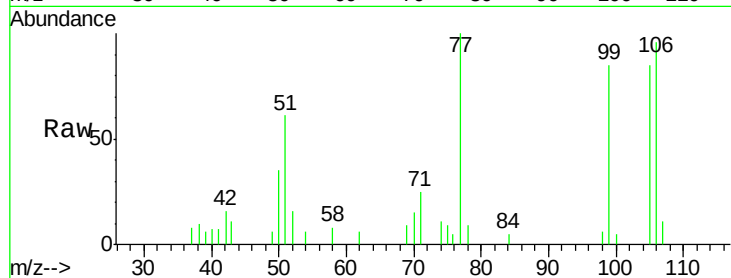
ClientSampleID :

PB106539BS

Tot Ion: 77 Resp: 8114  
 Ion Ratio Lower Upper  
 77 100  
 105 85.0 71.3 111.3  
 106 95.6 64.2 104.2

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#10

Phenol

Concen: 43.587 ng

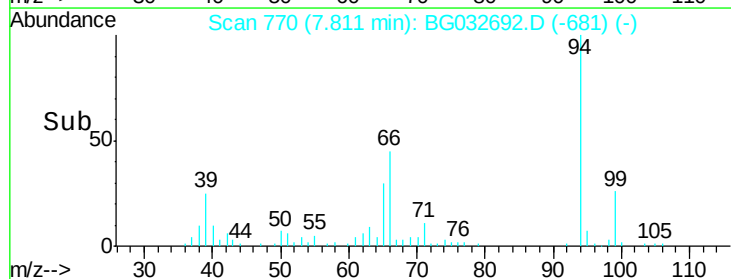
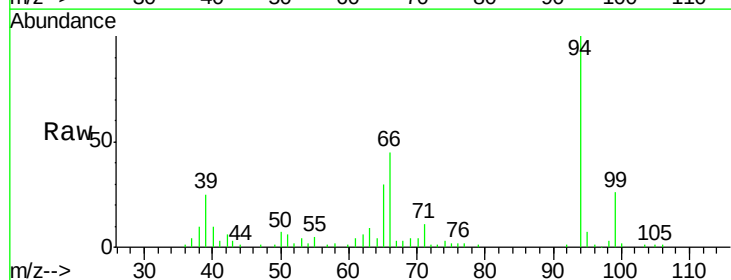
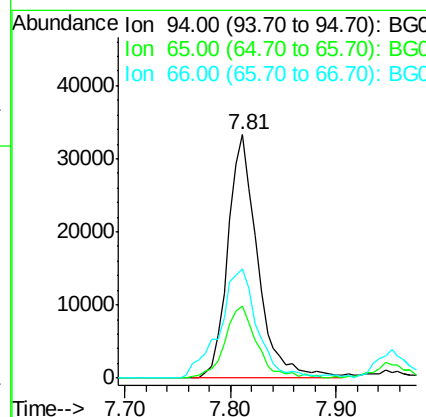
RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

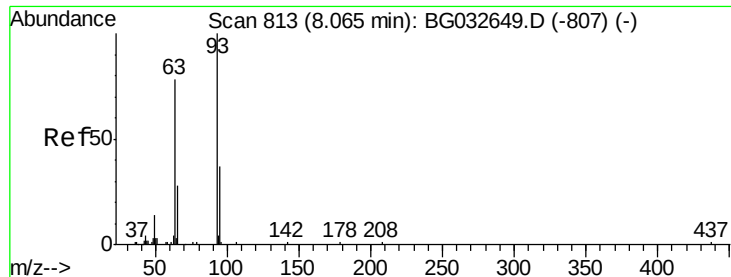
Lab File: BG032692.D

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Tgt Ion: 94 Resp: 64883  
 Ion Ratio Lower Upper  
 94 100  
 65 29.7 11.9 51.9  
 66 44.7 22.2 62.2







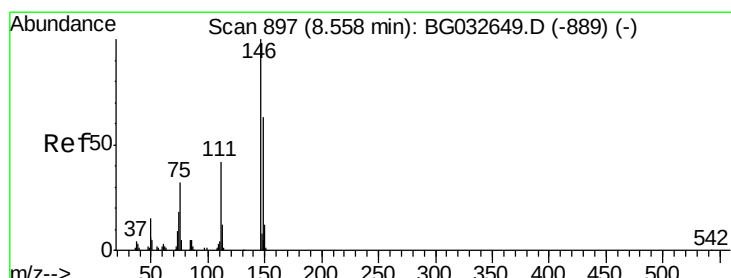
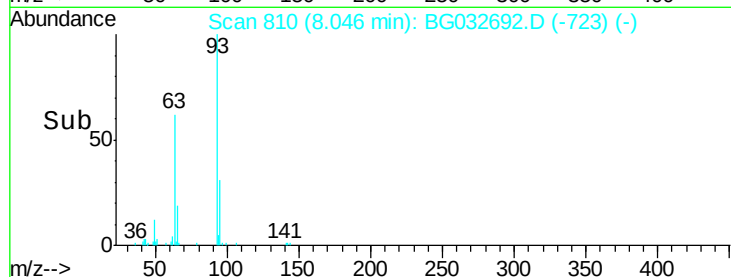
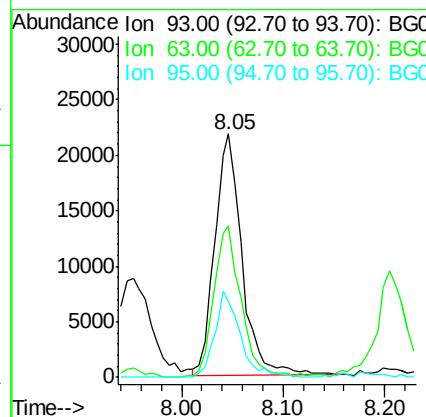
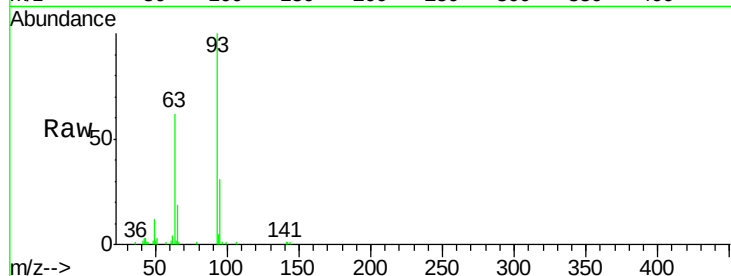
#11  
bis(2-Chloroethyl)ether  
Concen: 34.039 ng  
RT: 8.05 min Scan# 810  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 63      | 62.0  | 67.1  | 107.1# |
| 95      | 31.4  | 11.5  | 51.5   |

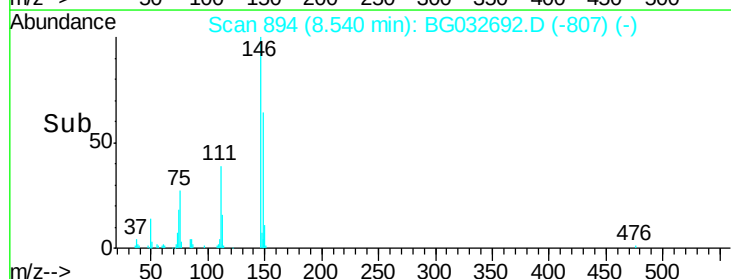
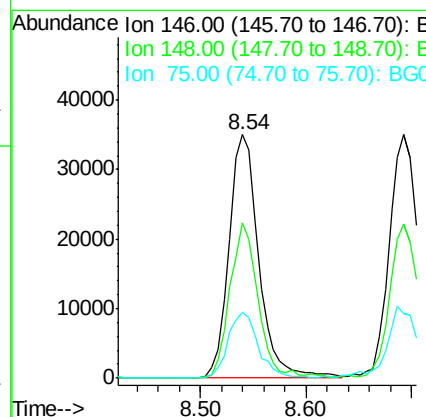
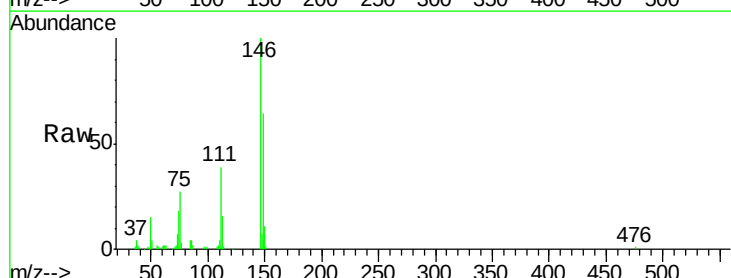
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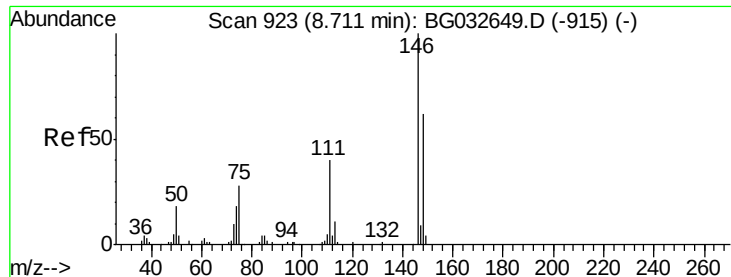
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#12  
1,3-Dichlorobenzene  
Concen: 37.620 ng  
RT: 8.54 min Scan# 894  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.4  | 77.2  |
| 75      | 26.8  | 26.6  | 39.8  |





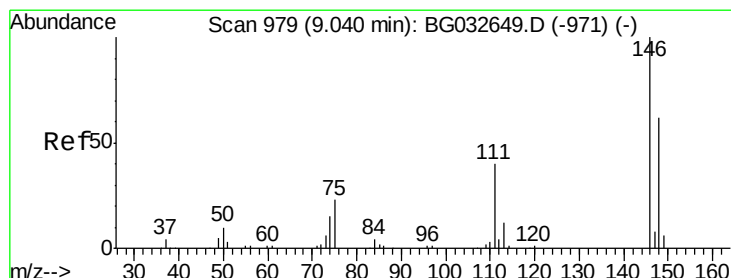
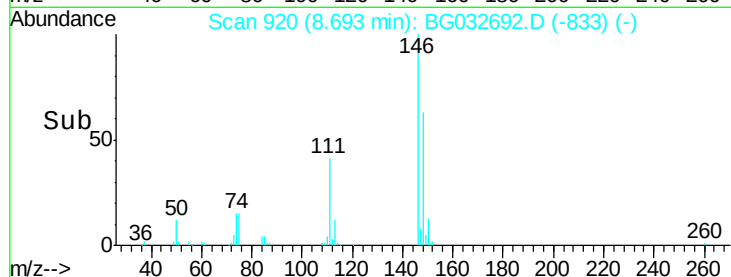
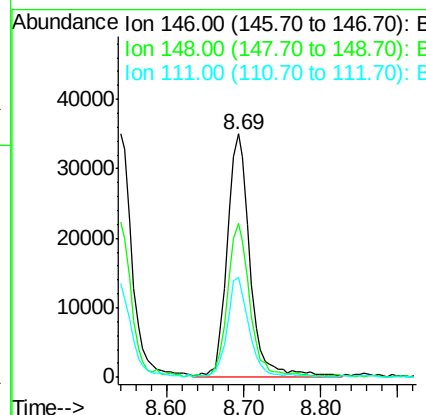
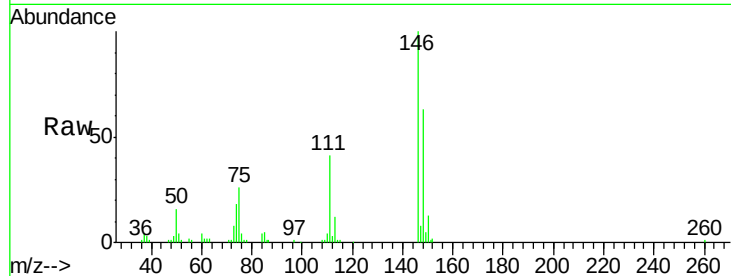
#13  
 1,4-Dichlorobenzene  
 Concen: 40.690 ng  
 RT: 8.69 min Scan# 920  
 Delta R.T. -0.02 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 53.7  | 80.5  |
| 111     | 41.2  | 35.2  | 52.8  |

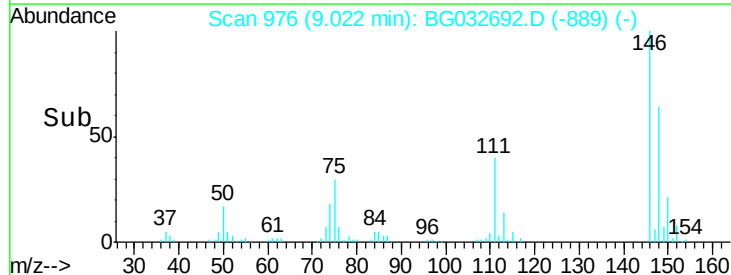
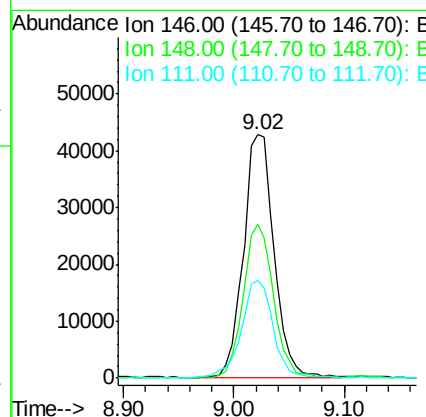
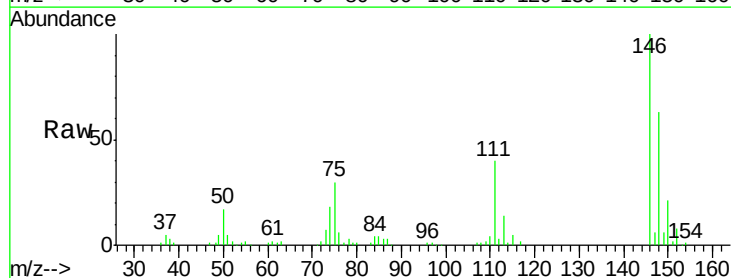
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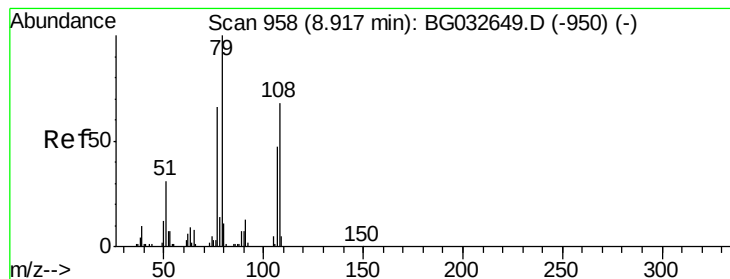
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#14  
 1,2-Dichlorobenzene  
 Concen: 46.470 ng  
 RT: 9.02 min Scan# 976  
 Delta R.T. -0.02 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 49.3  | 73.9  |
| 111     | 39.9  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 51.978 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

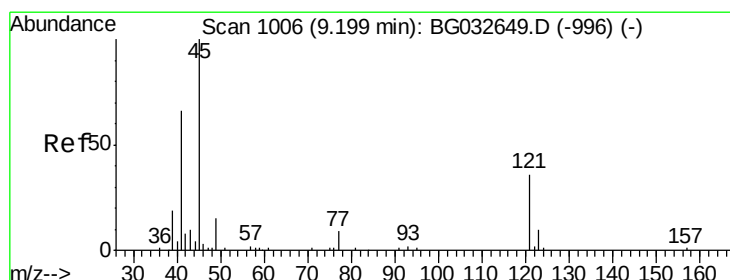
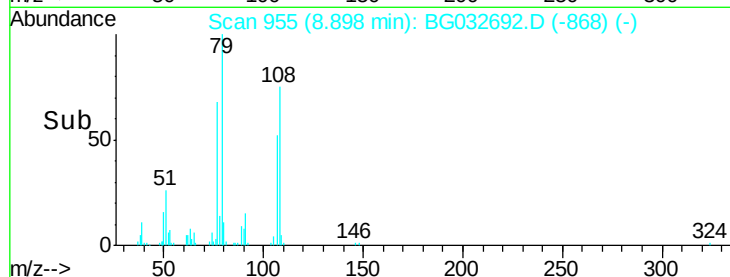
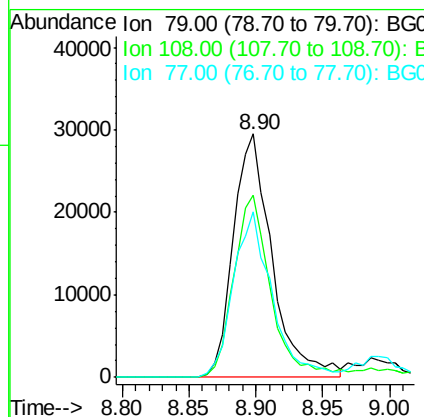
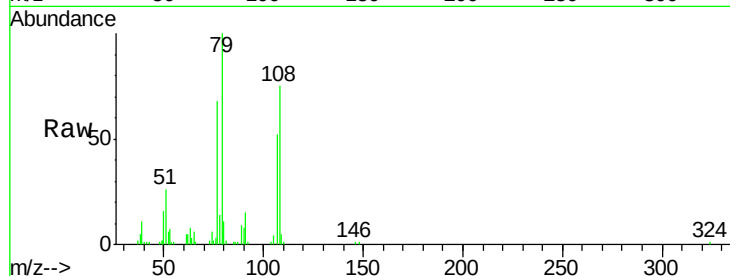
ClientSampleId :

PB106539BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 59630 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 74.8  | 57.2  | 85.8  |
| 77        | 68.2  | 46.1  | 69.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.149 ng

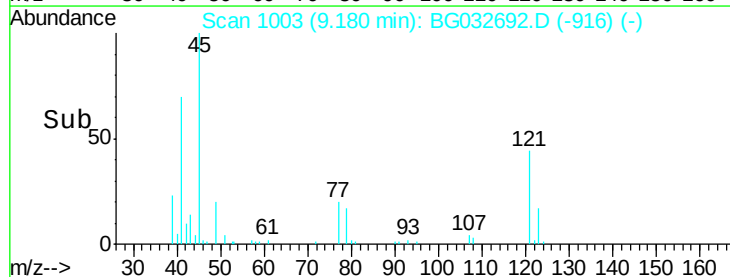
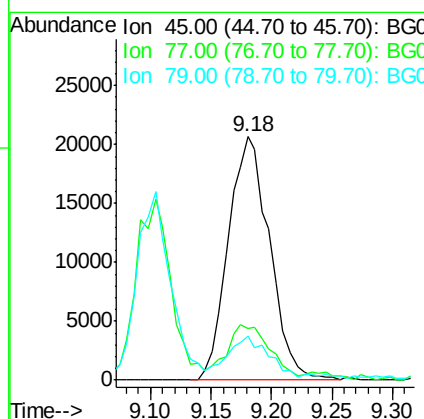
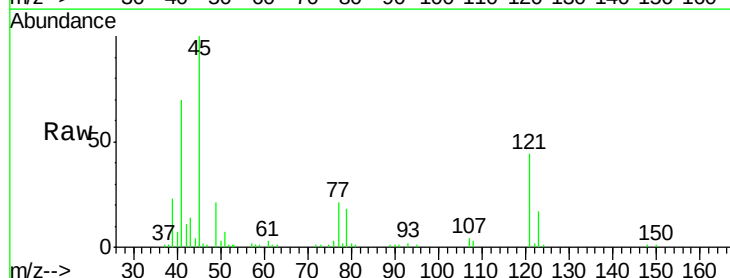
RT: 9.18 min Scan# 1003

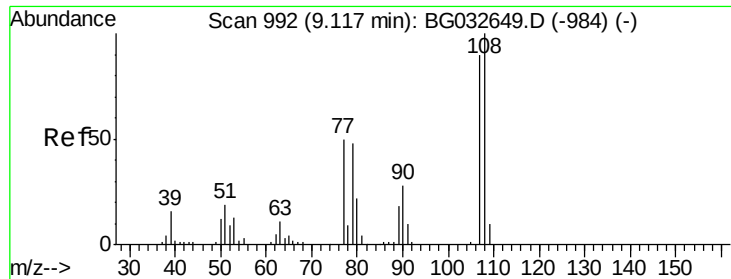
Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 48998 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 21.4  | 0.0   | 30.2  |
| 79        | 18.0  | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 58.213 ng/ml

RT: 9.10 min Scan# 990

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

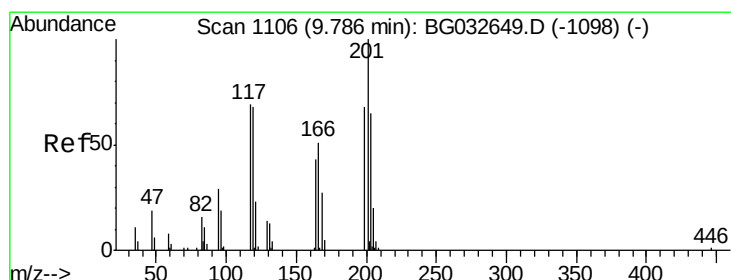
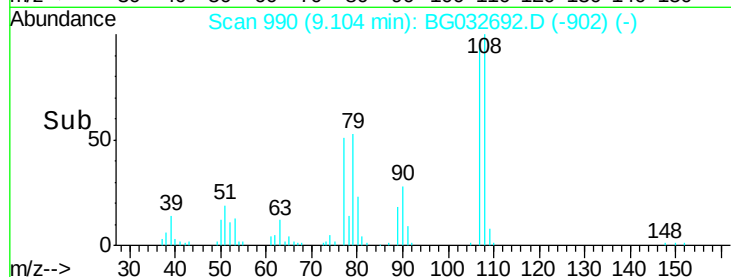
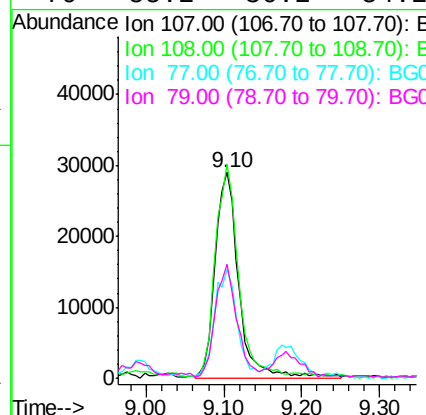
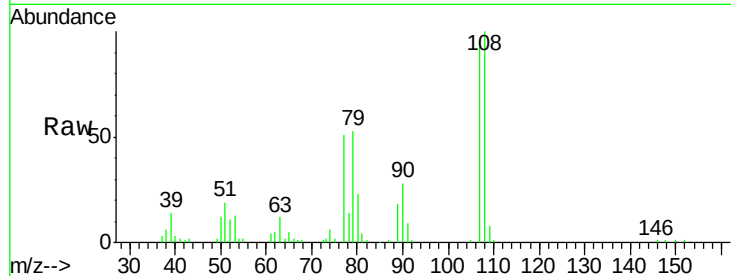
ClientSampleId :

PB106539BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 61370 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 103.7 | 83.9  | 125.9 |
| 77        | 52.9  | 37.2  | 55.8  |
| 79        | 55.2  | 36.2  | 54.2# |

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#18

Hexachloroethane

Concen: 41.908 ng/ml

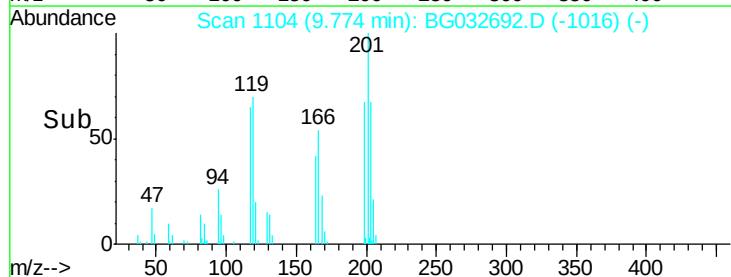
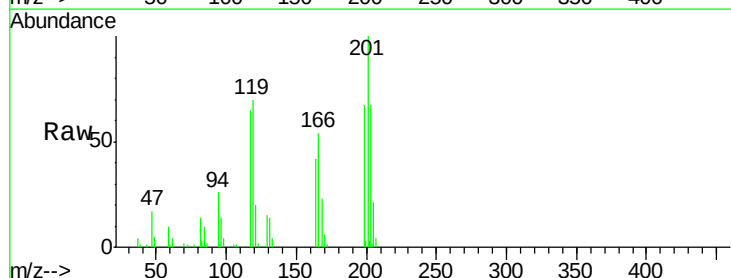
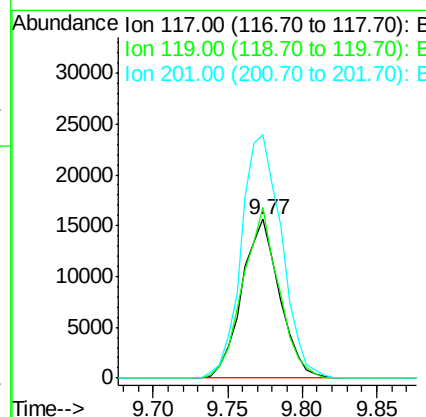
RT: 9.77 min Scan# 1104

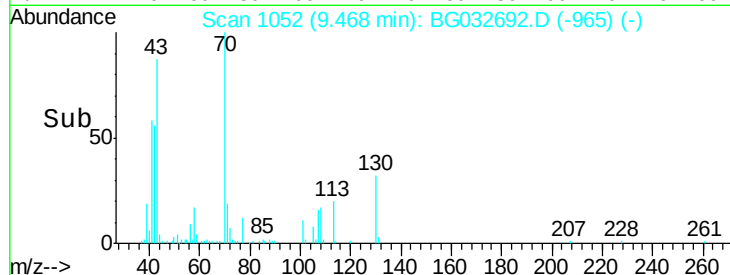
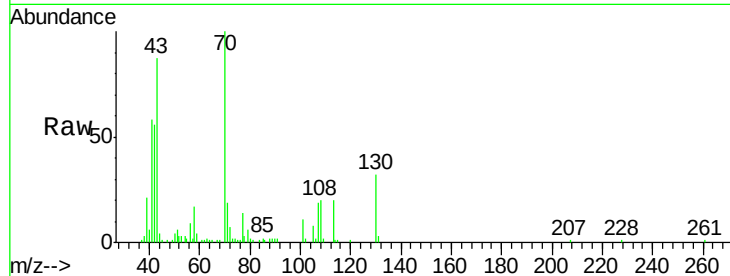
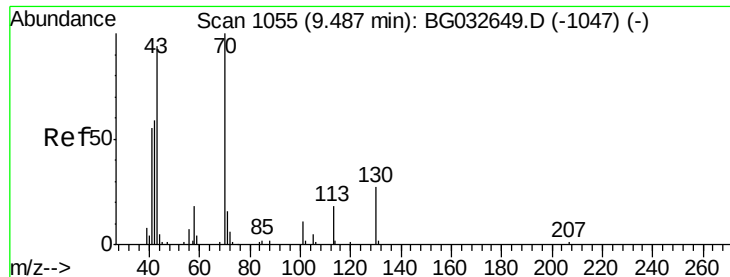
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 27444  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 107.4 | 76.7  | 115.1  |
| 201       | 153.2 | 95.7  | 143.5# |





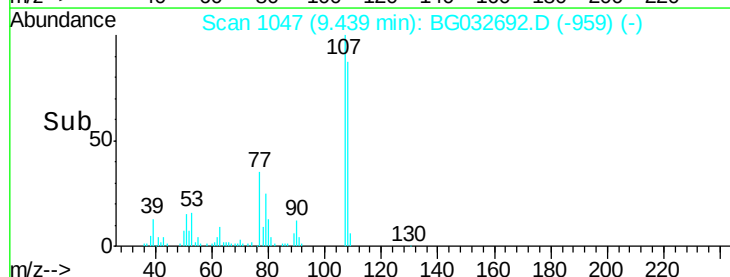
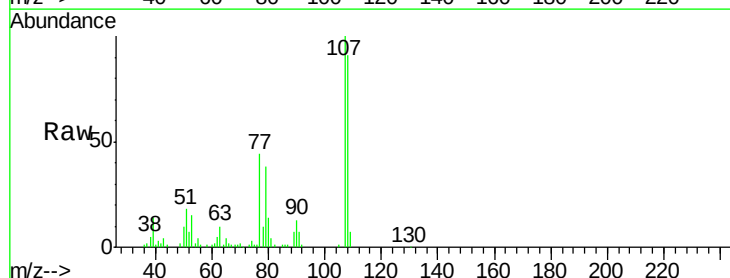
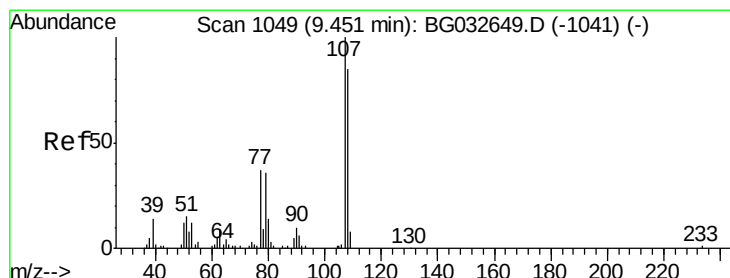
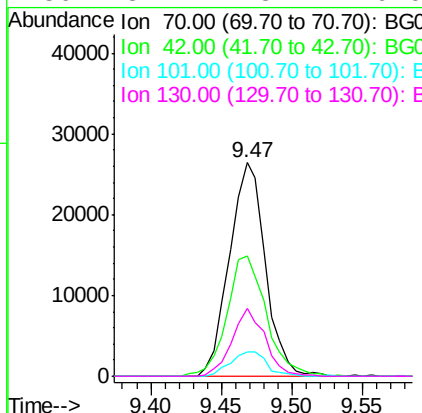
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.537 ng  
RT: 9.47 min Scan# 1052  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

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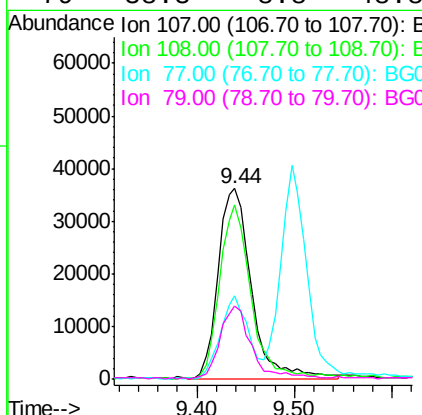
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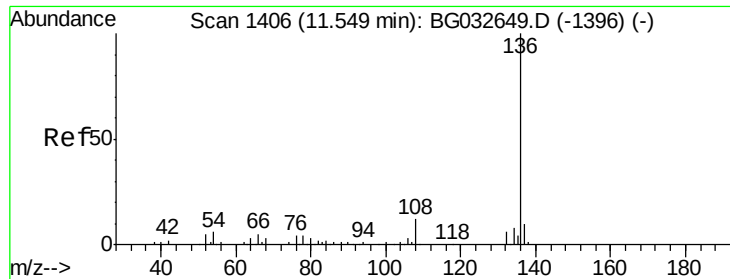
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 56.3  | 49.1  | 73.7  |
| 101     | 11.4  | 8.5   | 12.7  |
| 130     | 31.7  | 13.4  | 20.0  |



#20  
3+4-Methylphenols  
Concen: 53.951 ng  
RT: 9.44 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.3  | 61.6  | 101.6 |
| 77      | 43.8  | 13.9  | 53.9  |
| 79      | 38.3  | 8.8   | 48.8  |





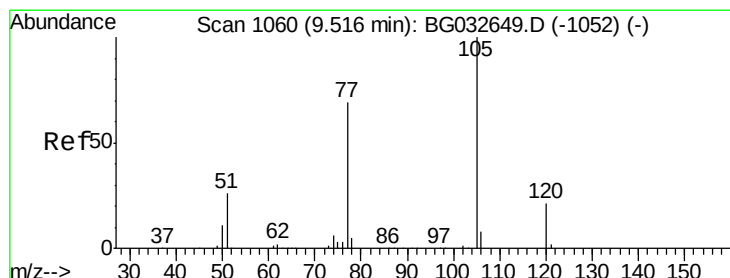
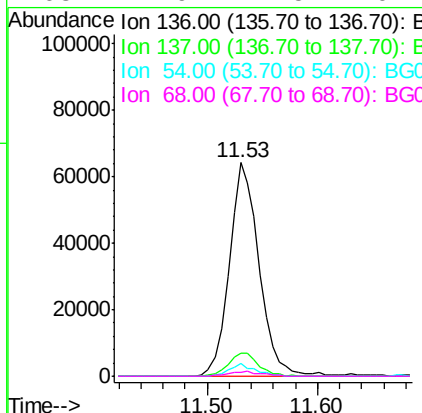
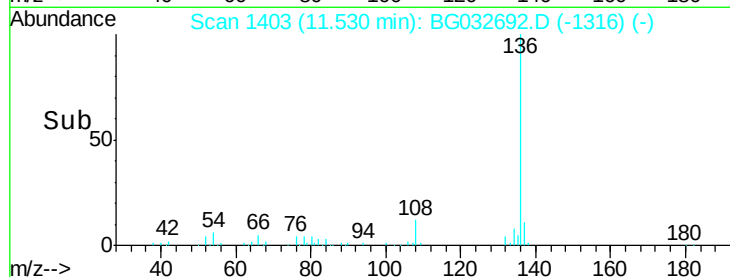
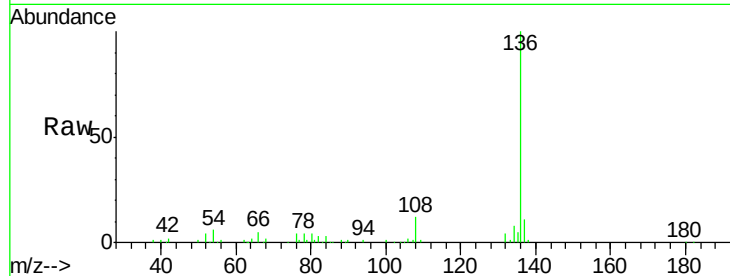
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.53 min Scan# 1403  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampled :  
PB106539BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.9  | 9.2        | 13.8  |
| 54      | 5.8   | 10.3       | 15.5# |
| 68      | 1.9   | 4.5        | 6.7#  |

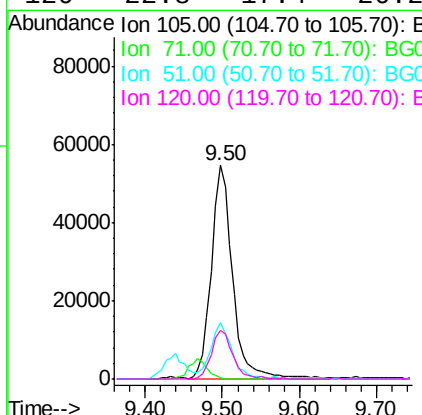
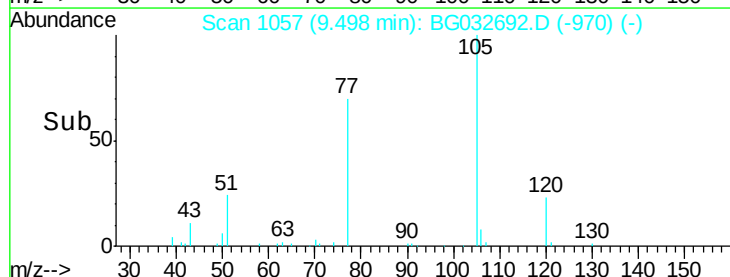
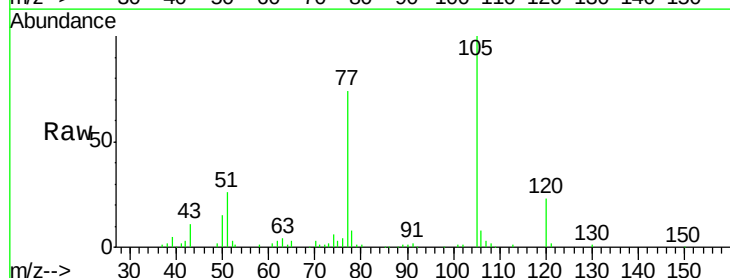
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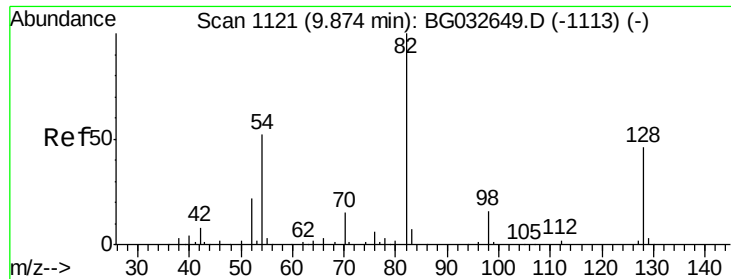
Sohil  
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#22  
Acetophenone  
Concen: 39.578 ng  
RT: 9.50 min Scan# 1057  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 0.7   | 3.0        | 4.4#  |
| 51      | 26.2  | 26.1       | 39.1  |
| 120     | 22.8  | 17.4       | 26.2  |





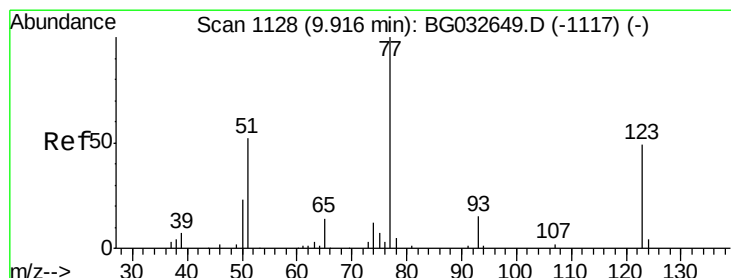
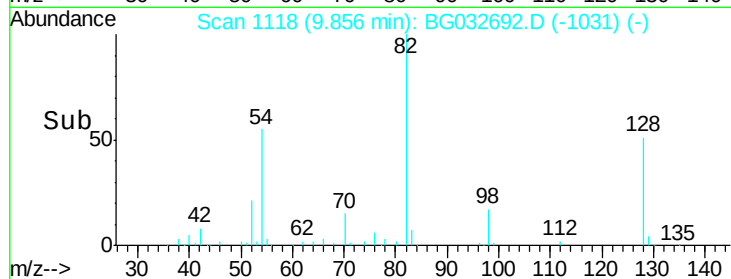
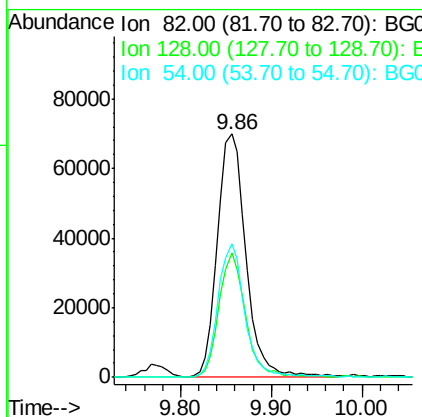
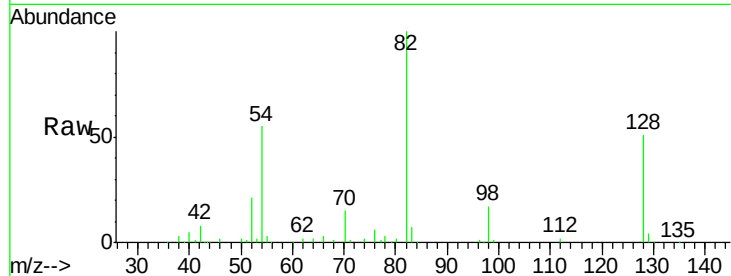
#23  
Nitrobenzene-d5  
Concen: 80.432 ng  
RT: 9.86 min Scan# 1118  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 51.3  | 29.7 | 44.5# |       |
| 54      | 54.7  | 43.1 | 64.7  |       |

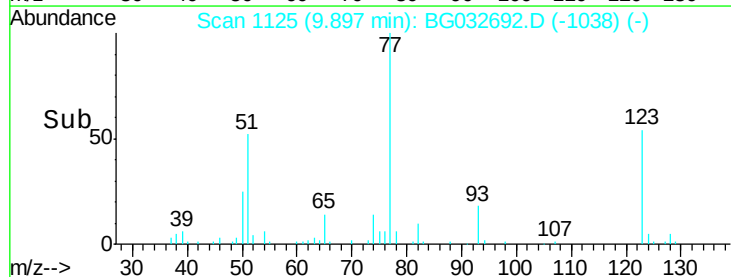
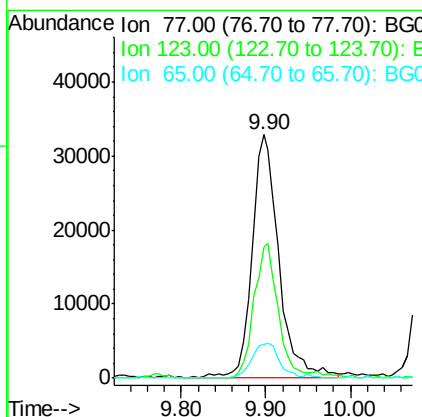
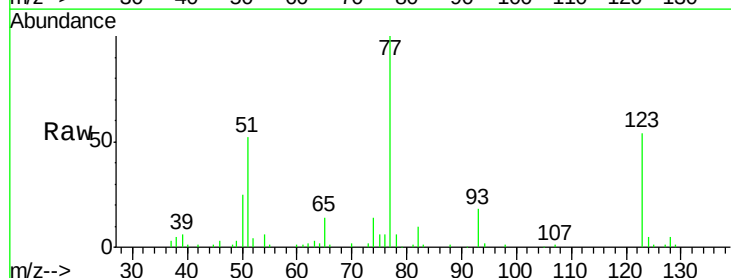
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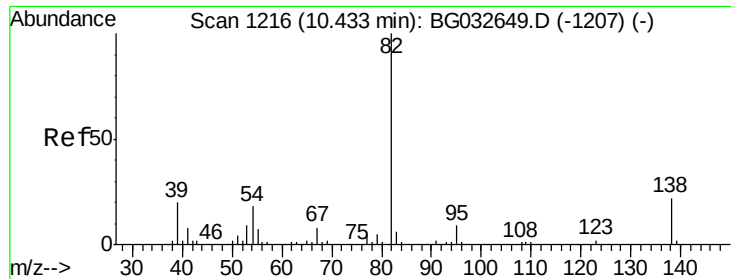


#24  
Nitrobenzene  
Concen: 36.638 ng  
RT: 9.90 min Scan# 1125  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 53.6  | 33.0 | 49.6# |       |
| 65      | 13.6  | 13.0 | 19.6  |       |







#25

Isophorone

Concen: 36.603 ng

RT: 10.42 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

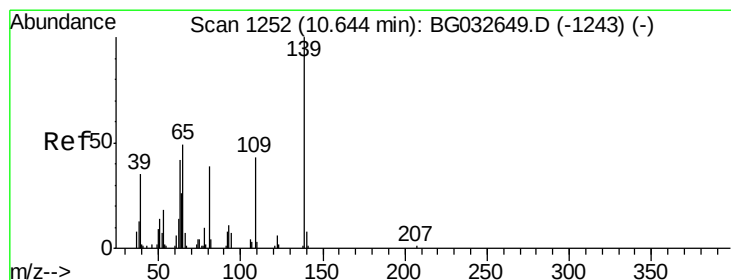
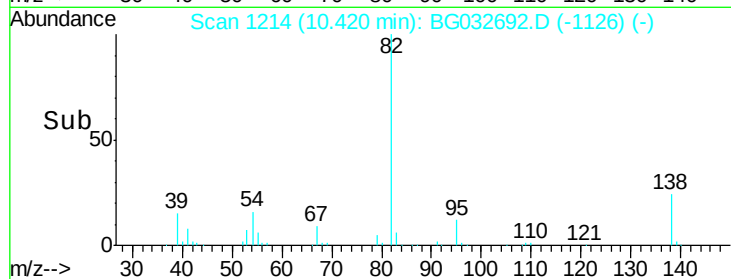
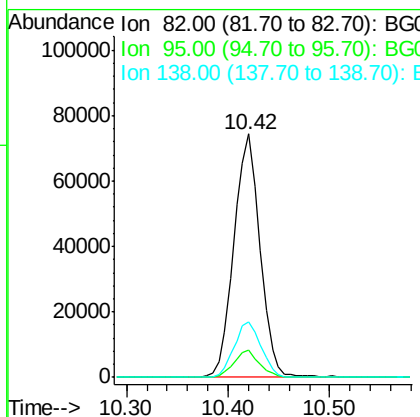
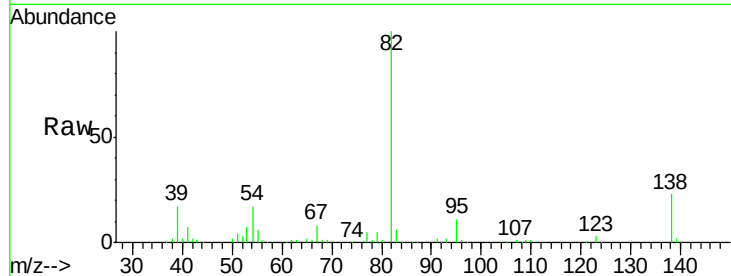
ClientSampled :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 133004 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 11.1  | 6.2   | 9.2#   |
| 138       | 22.8  | 12.1  | 18.1#  |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 47.693 ng

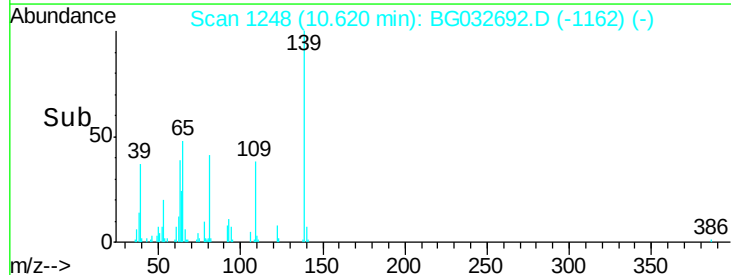
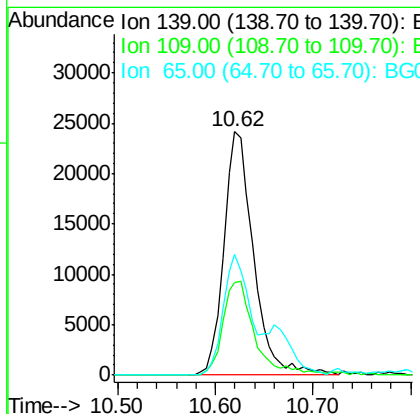
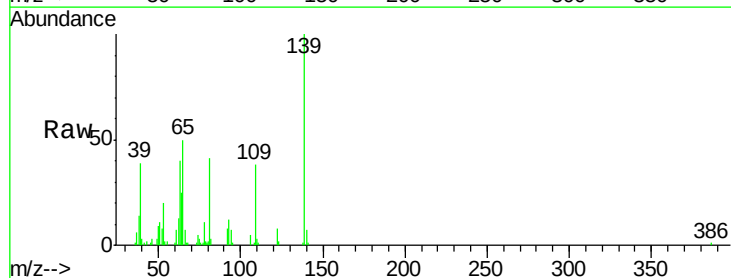
RT: 10.62 min Scan# 1248

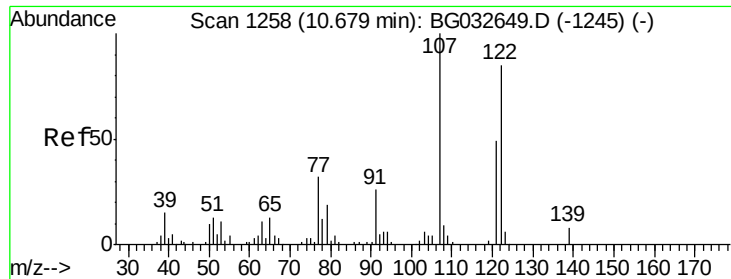
Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 50902 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 37.9  | 24.2  | 36.2# |
| 65        | 49.6  | 47.4  | 71.0  |





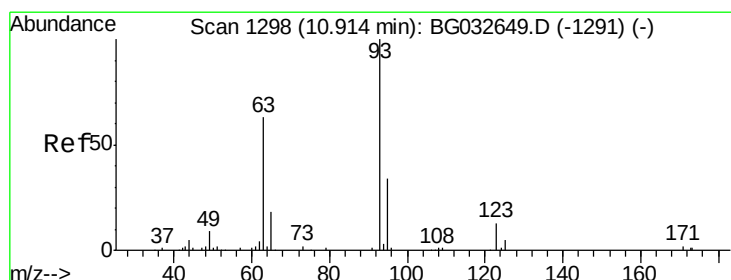
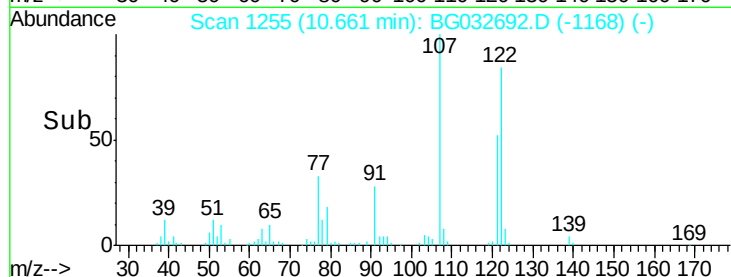
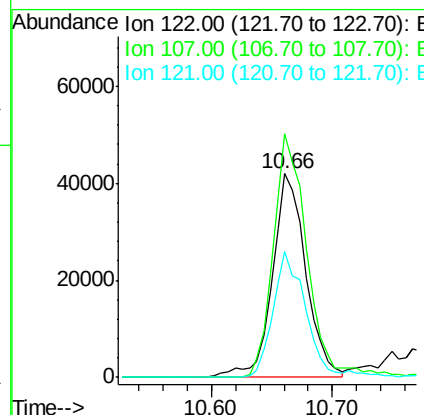
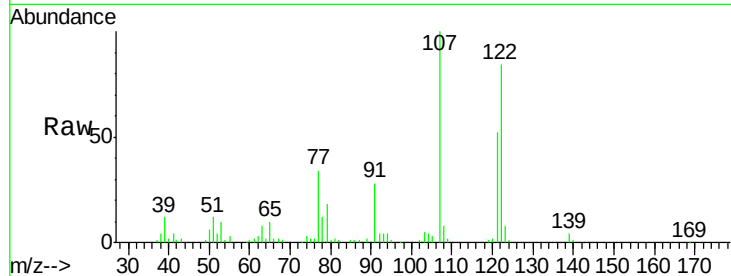
#27  
2,4-Dimethylphenol  
Concen: 57.110 ng  
RT: 10.66 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.6 | 100.2 | 150.2 |
| 121     | 61.8  | 44.4  | 66.6  |

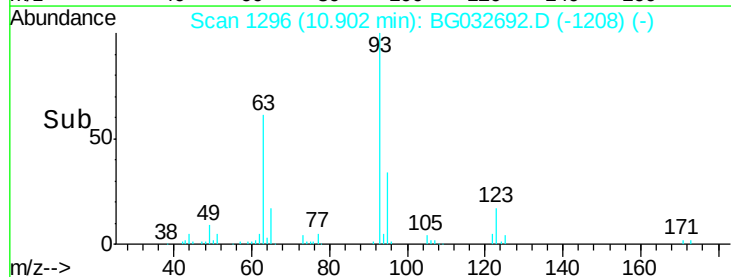
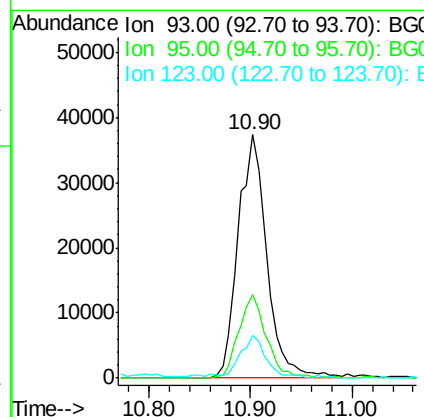
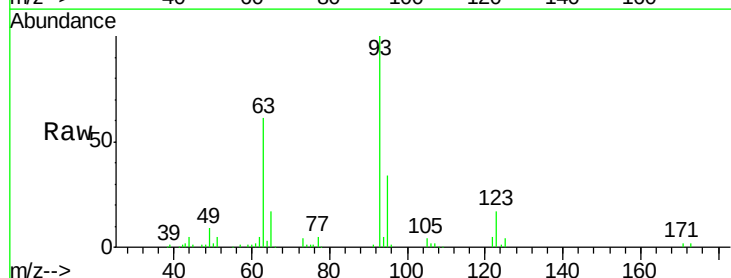
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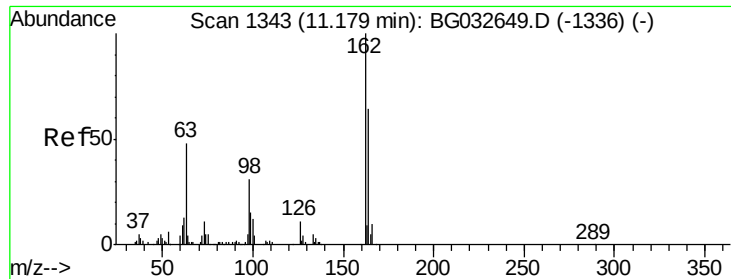
Sohil  
2/15/2018 11:07:51 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.487 ng  
RT: 10.90 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.4  | 24.3  | 36.5  |
| 123     | 17.3  | 8.4   | 12.6  |





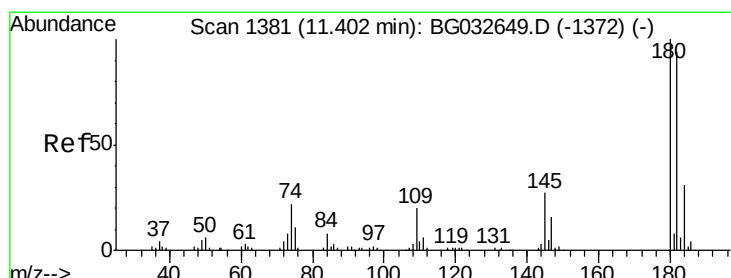
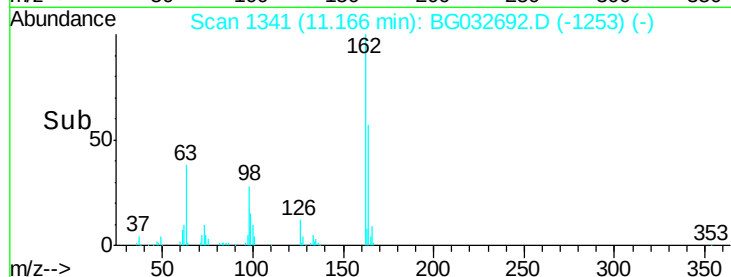
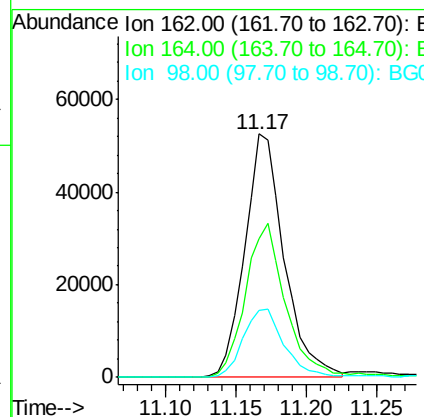
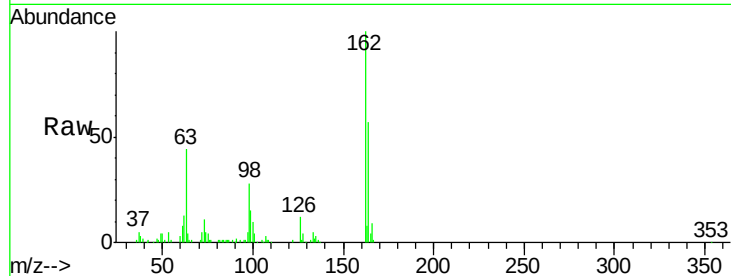
#29  
2,4-Dichlorophenol  
Concen: 50.025 ng  
RT: 11.17 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 57.0  | 48.0       | 88.0       |
| 98      | 27.5  | 21.1       | 61.1       |

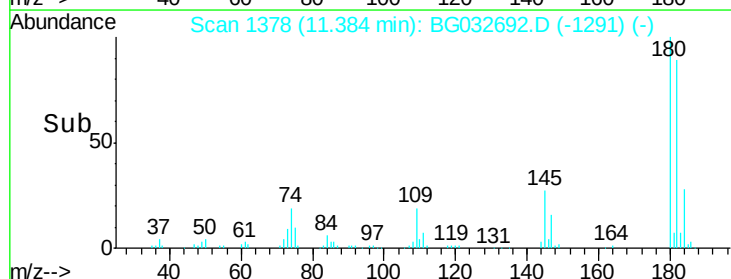
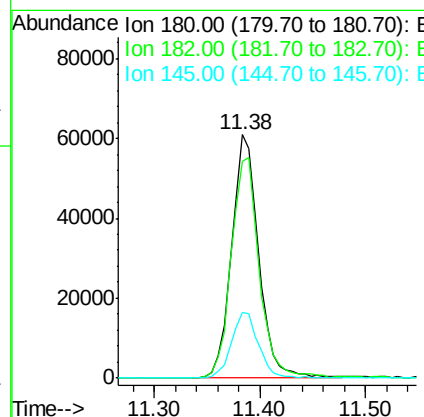
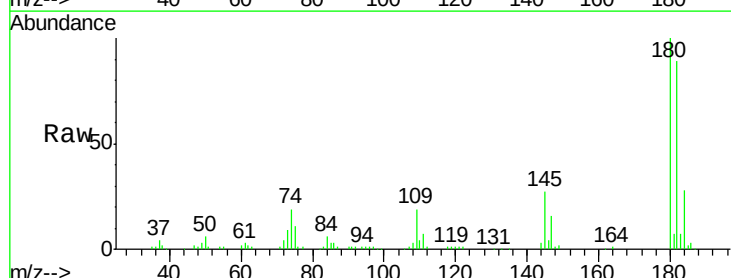
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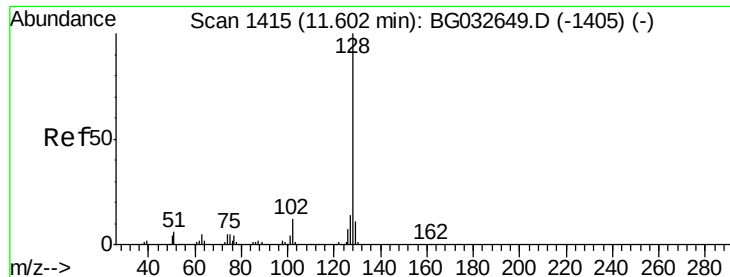
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#30  
1,2,4-Trichlorobenzene  
Concen: 37.304 ng  
RT: 11.38 min Scan# 1378  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 88.9  | 77.5       | 116.3      |
| 145     | 26.8  | 23.4       | 35.2       |





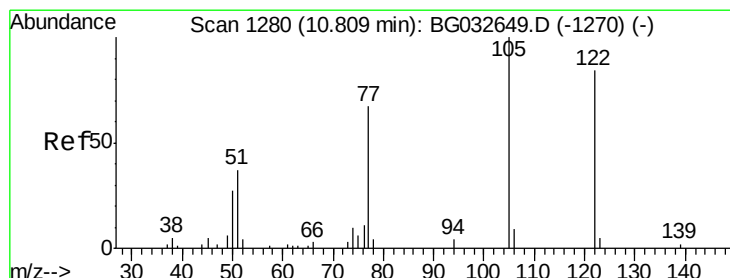
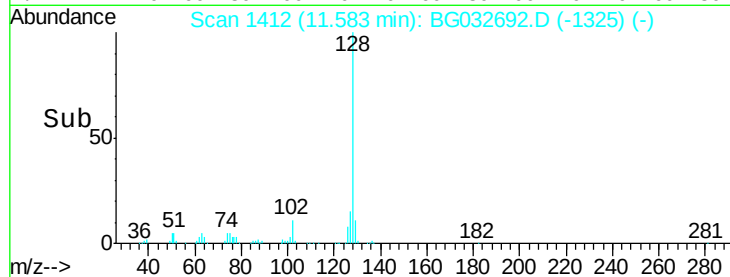
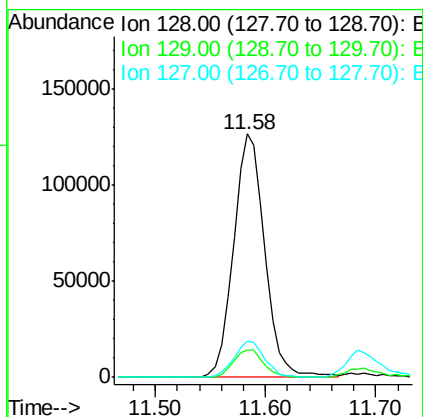
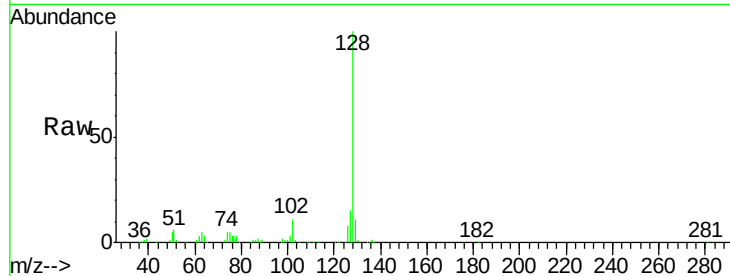
#31  
Naphthalene  
Concen: 42.659 ng  
RT: 11.58 min Scan# 1412  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 250901 |       |       |
| 129     | 11.4  |        | 8.6   | 12.8  |
| 127     | 15.0  |        | 11.6  | 17.4  |

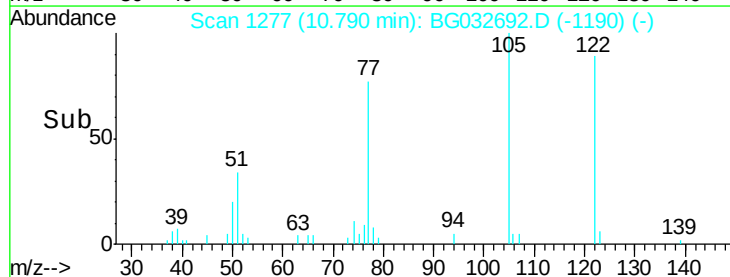
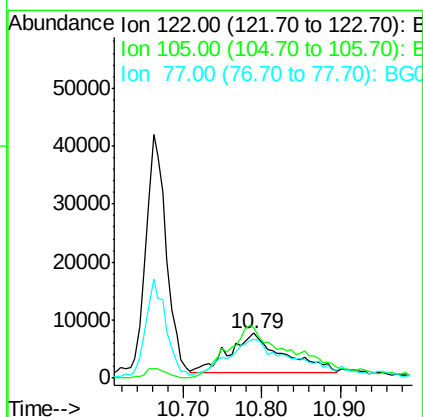
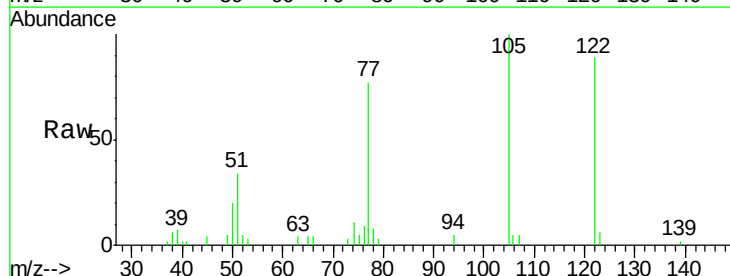
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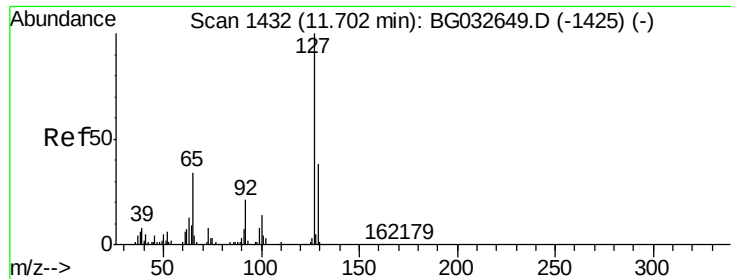
Sohil  
2/15/2018 11:07:51 AM



#32  
Benzoic acid  
Concen: 31.481 ng m  
RT: 10.79 min Scan# 1277  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 122     | 100   | 33508 |       |        |
| 105     | 112.6 |       | 123.5 | 163.5# |
| 77      | 86.8  |       | 85.7  | 125.7  |





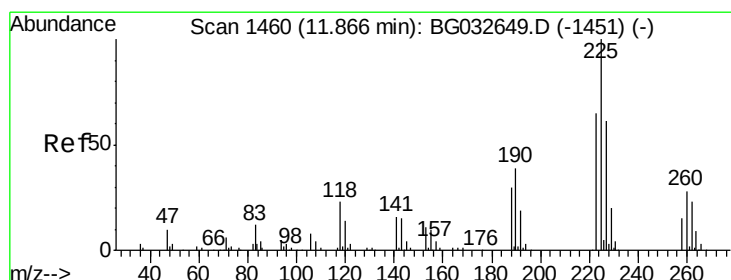
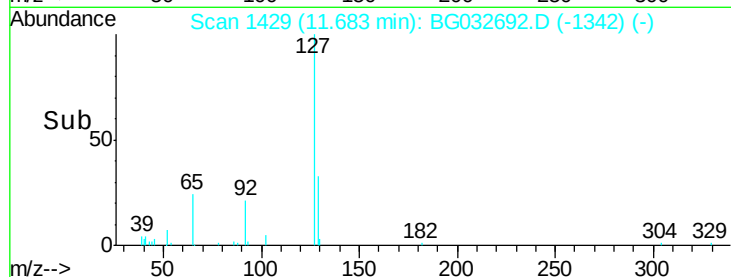
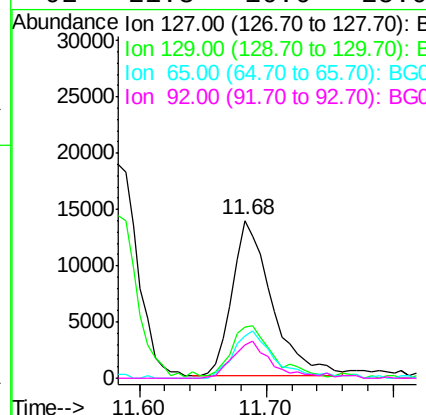
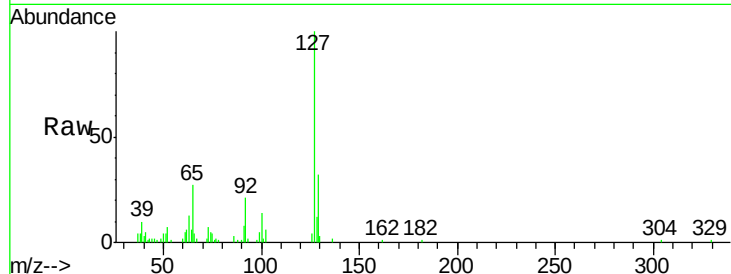
#33  
4-Chloroaniline  
Concen: 12.732 ng  
RT: 11.68 min Scan# 1429  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.4  | 24.0  | 36.0  |
| 65      | 26.9  | 27.0  | 40.4  |
| 92      | 21.3  | 16.6  | 25.0  |

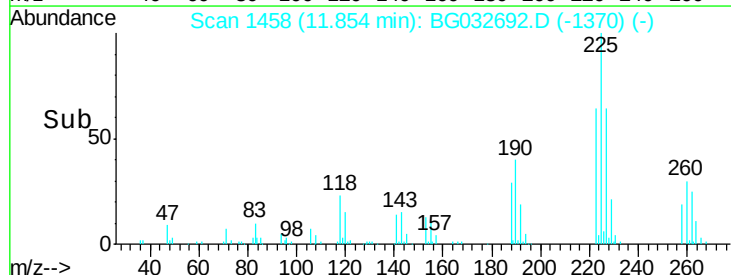
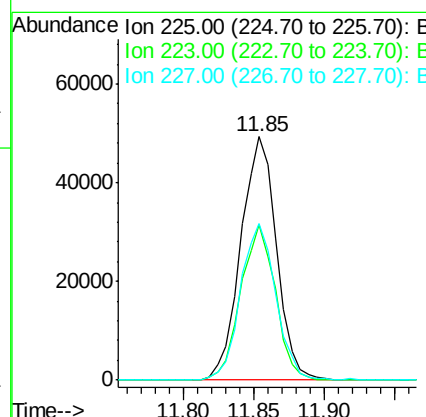
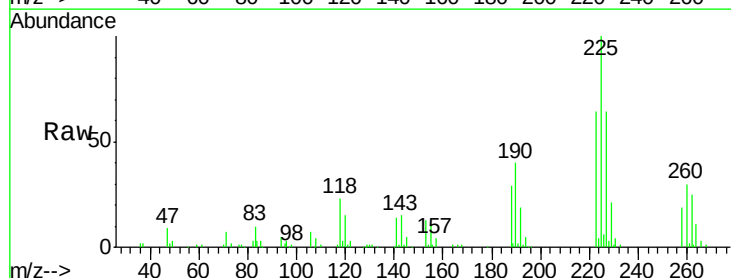
Manual Integrations  
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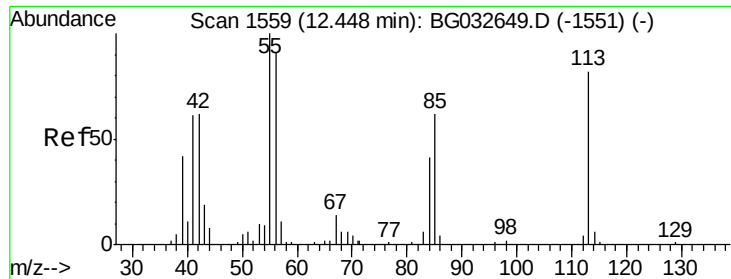
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#34  
Hexachlorobutadiene  
Concen: 36.873 ng  
RT: 11.85 min Scan# 1458  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.9  | 49.7  | 74.5  |
| 227     | 64.4  | 48.1  | 72.1  |





#35

Caprolactam

Concen: 37.163 ng

RT: 12.46 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

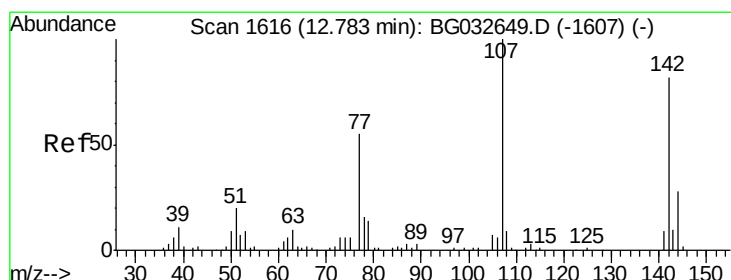
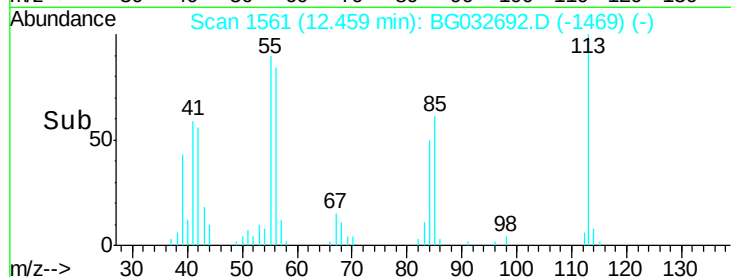
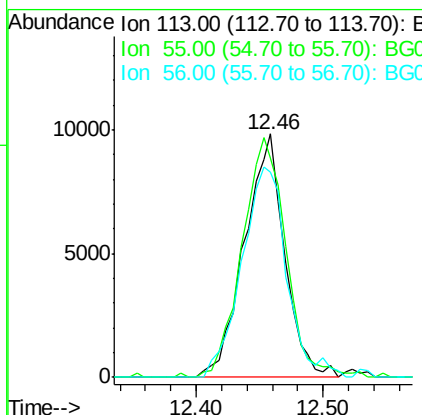
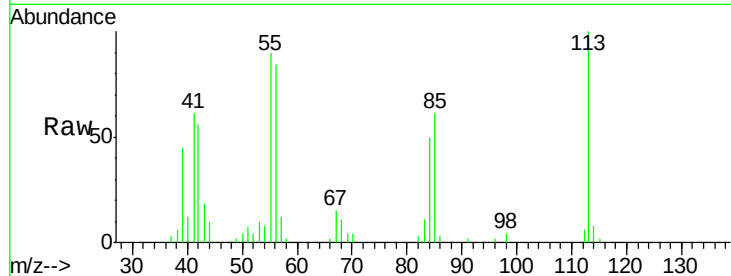
ClientSampleId :

PB106539BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 113   | Resp: | 21659  |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 90.2  | 186.9 | 226.9# |
| 56       | 84.5  | 130.9 | 170.9# |

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#36

4-Chloro-3-methylphenol

Concen: 40.101 ng

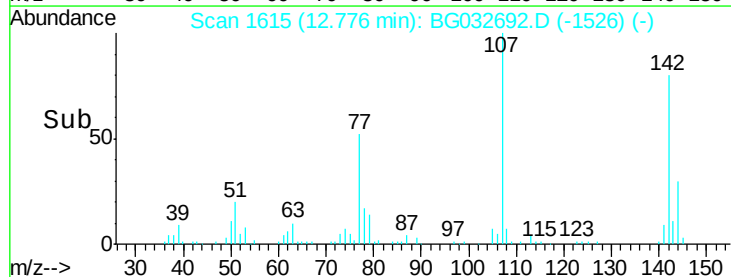
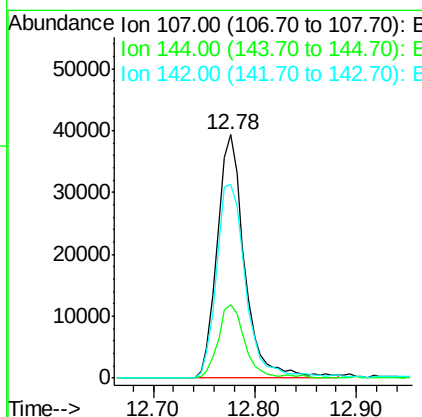
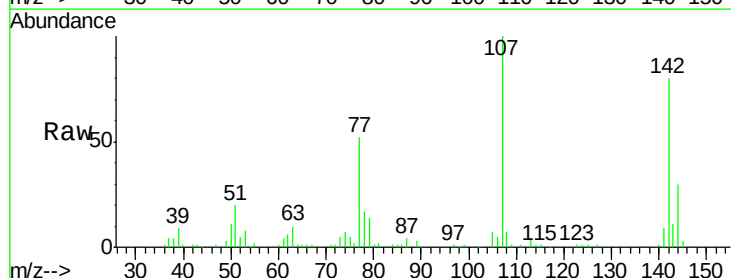
RT: 12.78 min Scan# 1615

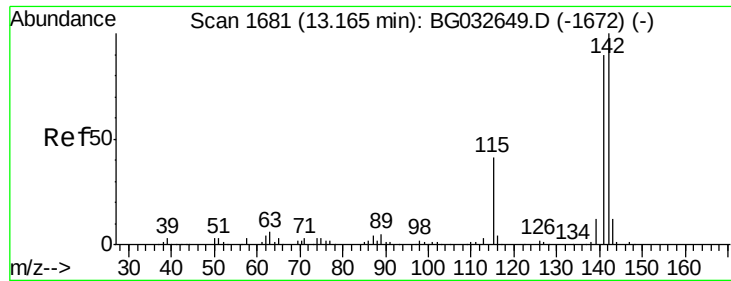
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 74027 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 30.0  | 18.2  | 27.4# |
| 142      | 79.6  | 59.0  | 88.4  |





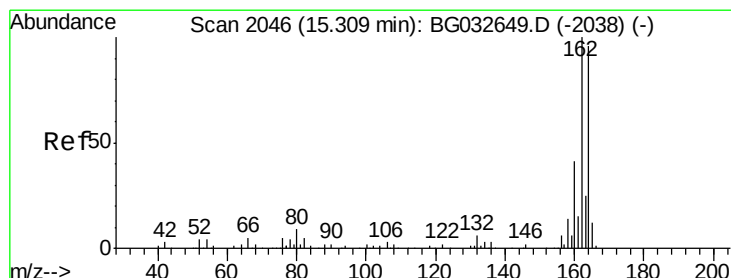
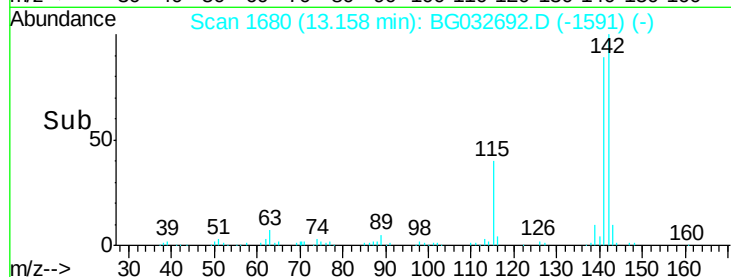
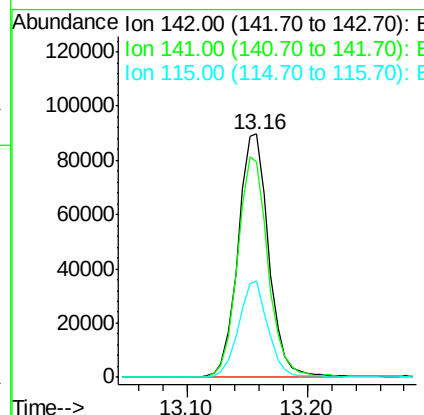
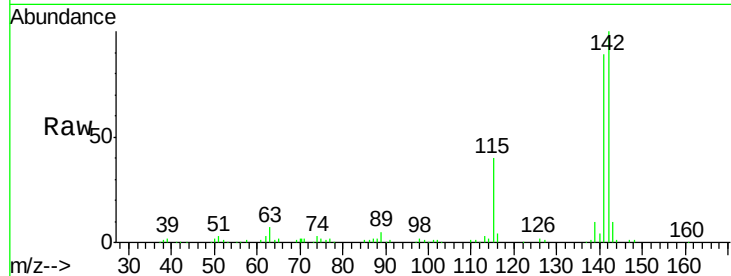
#37  
2-Methylnaphthalene  
Concen: 33.438 ng  
RT: 13.16 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 67.1  | 100.7 |
| 115     | 39.7  | 30.7  | 46.1  |

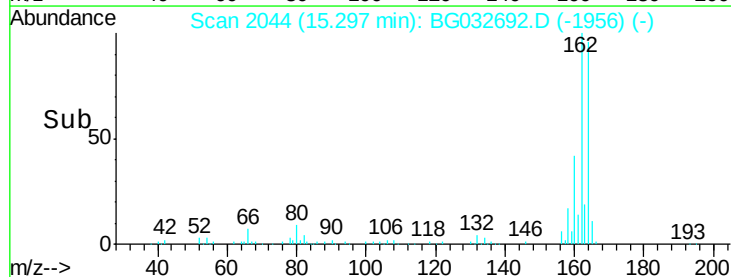
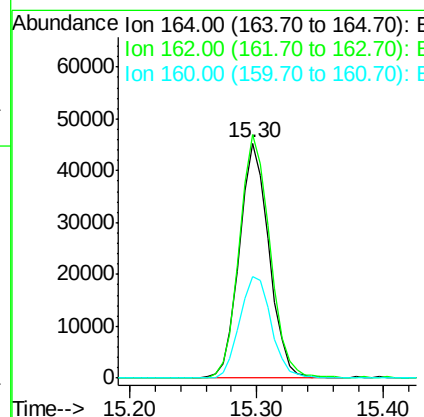
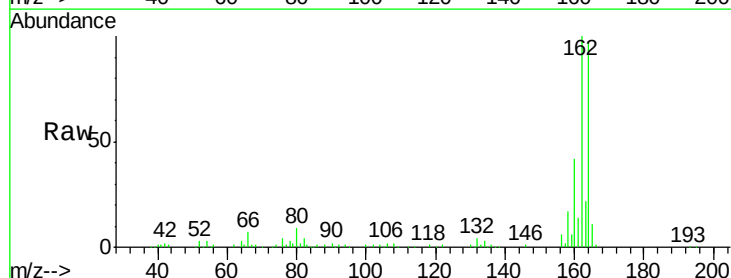
Manual Integrations  
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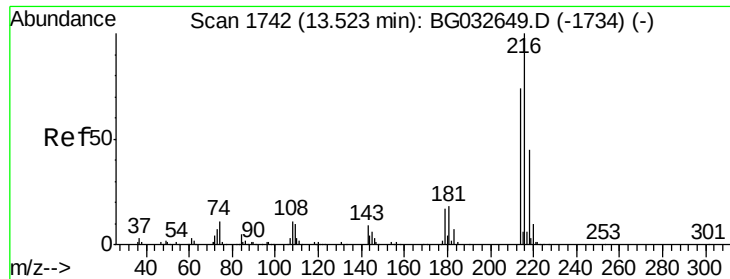
Sohil  
2/15/2018 11:07:51 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.30 min Scan# 2044  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 78.8  | 118.2 |
| 160     | 43.1  | 35.4  | 53.0  |





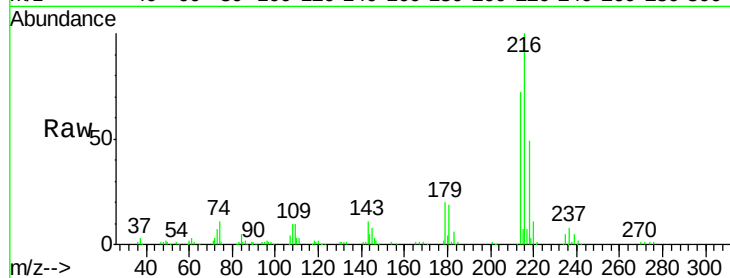
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.972 ng  
 RT: 13.51 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB106539BS

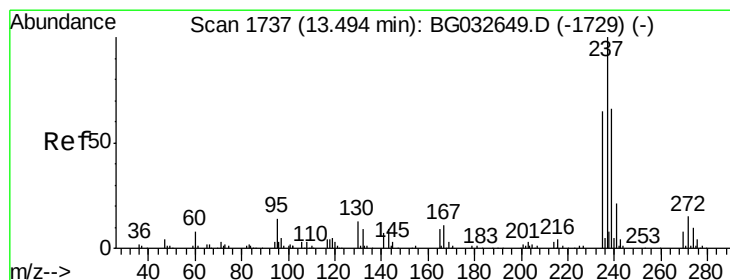
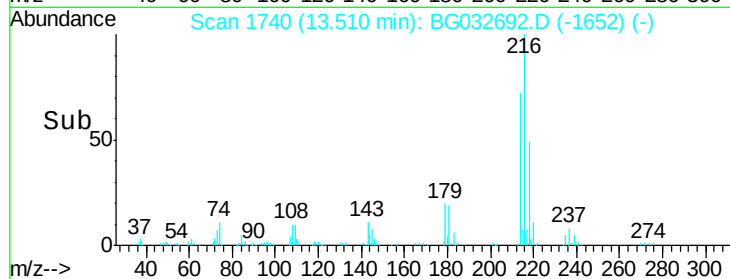
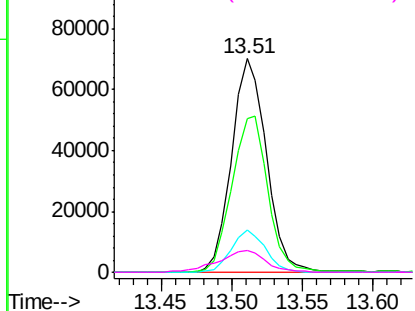
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 75.4  | 63.0  | 94.4  |
| 179     | 19.4  | 17.0  | 25.6  |
| 108     | 13.7  | 12.8  | 19.2  |

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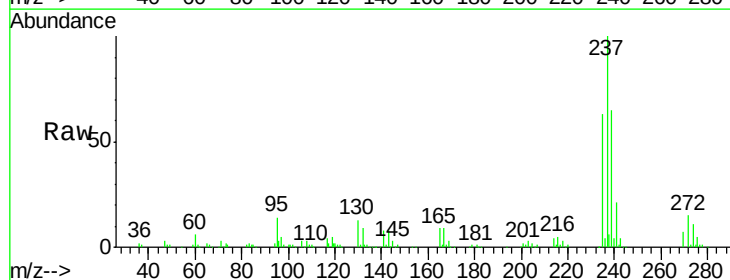


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

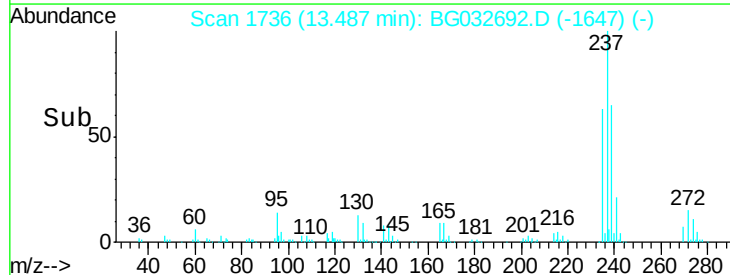
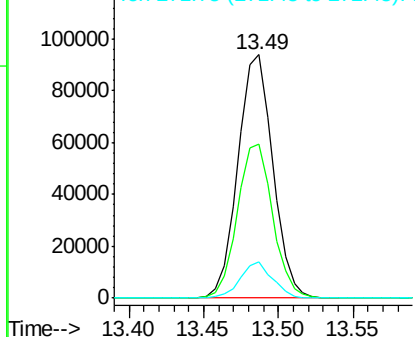


#40  
 Hexachlorocyclopentadiene  
 Concen: 69.925 ng  
 RT: 13.49 min Scan# 1736  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

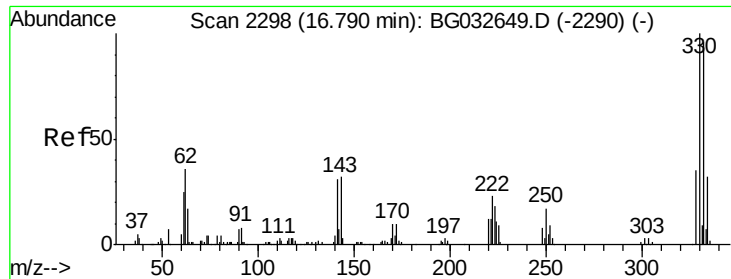
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.3  | 50.4  | 90.4  |
| 272     | 14.8  | 0.0   | 31.8  |



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







#41

2,4,6-Tribromophenol

Concen: 139.618 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

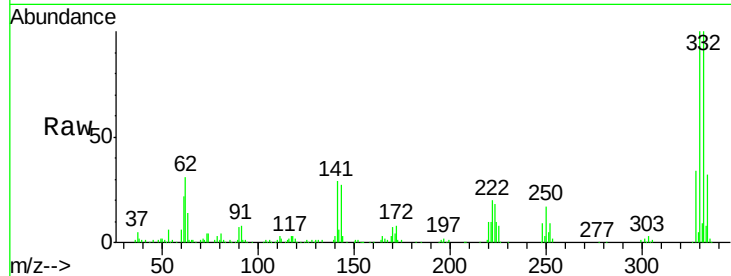
ClientSampleId :

PB106539BS

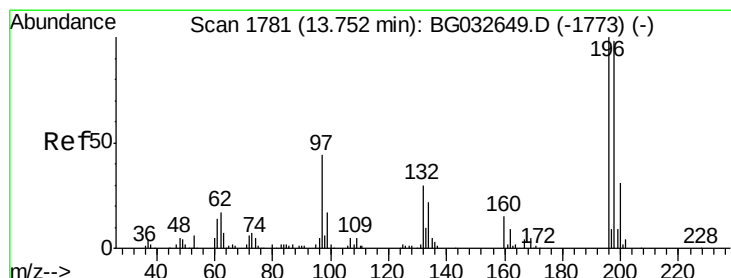
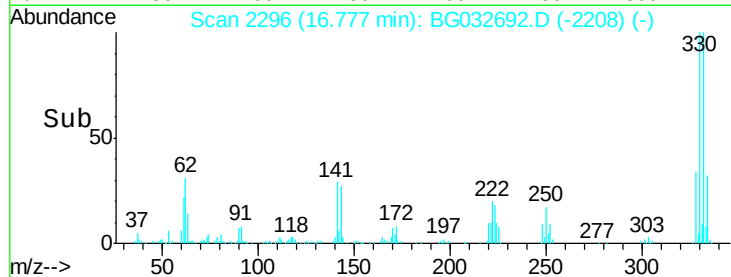
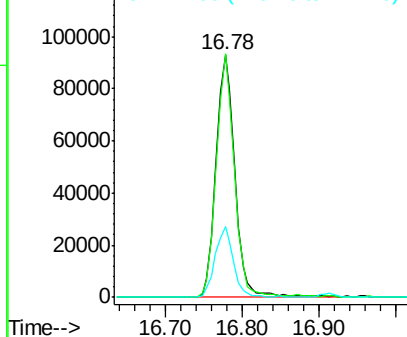
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 157255 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.2  | 77.0  | 115.6  |
| 141       | 28.0  | 25.2  | 37.8   |

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



#42

2,4,6-Trichlorophenol

Concen: 45.402 ng

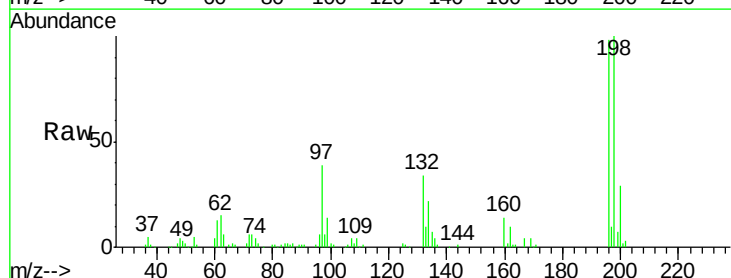
RT: 13.74 min Scan# 1779

Delta R.T. -0.01 min

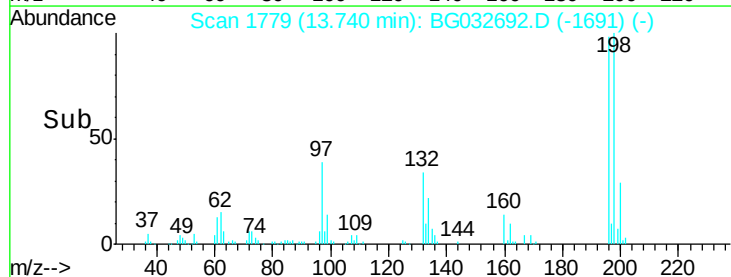
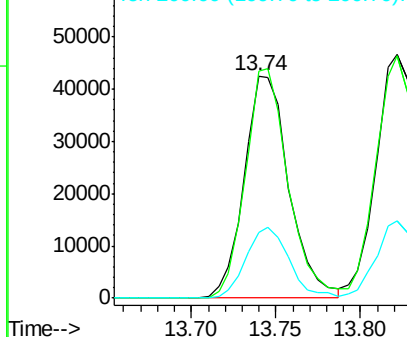
Lab File: BG032692.D

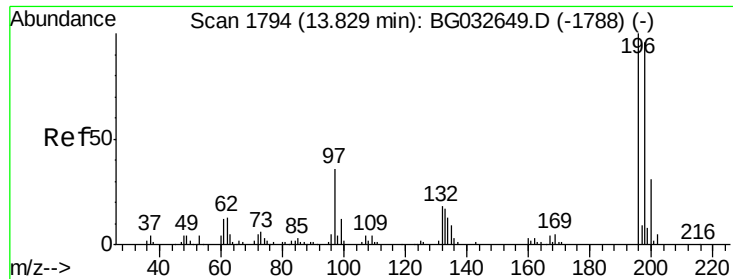
Acq: 14 Feb 2018 22:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 78290 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 102.4 | 78.2  | 117.2 |
| 200       | 29.8  | 24.6  | 36.8  |



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





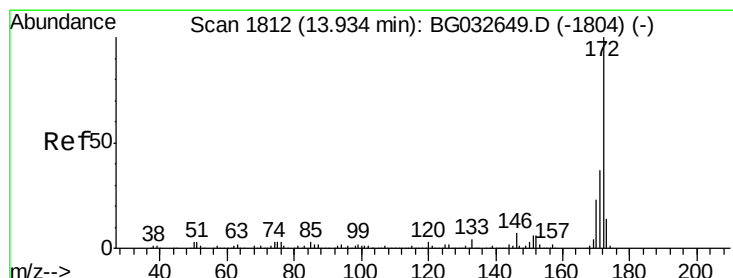
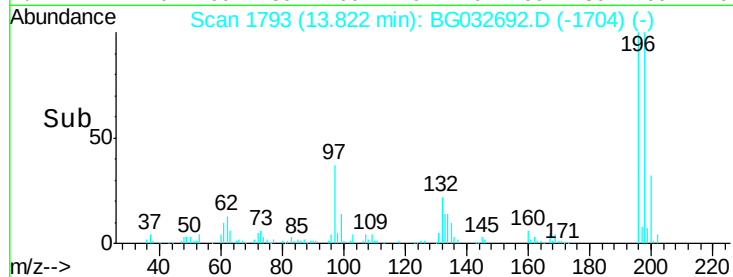
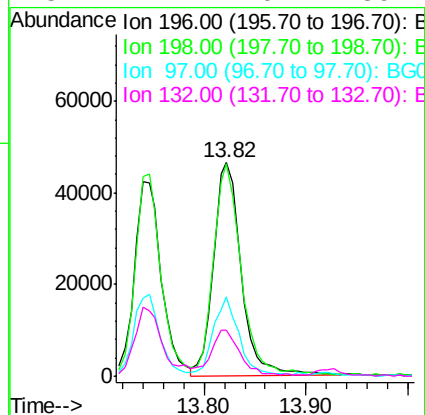
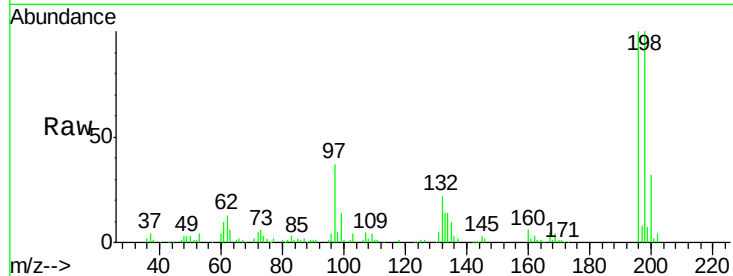
#43  
2,4,5-Trichlorophenol  
Concen: 40.630 ng  
RT: 13.82 min Scan# 1793  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 196     | 100  |       | 87311 |       |       |
| 198     | 99.5 | 76.2  | 114.4 |       |       |
| 97      | 37.3 | 38.7  | 58.1  |       |       |
| 132     | 21.7 | 20.2  | 30.2  |       |       |

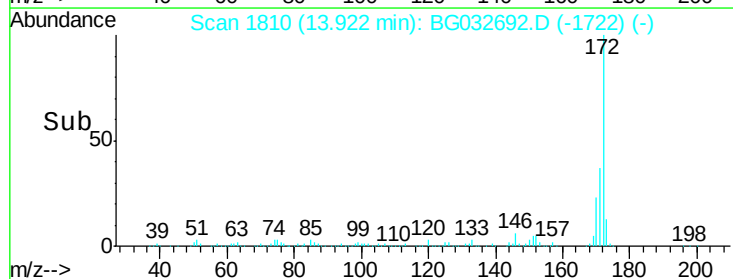
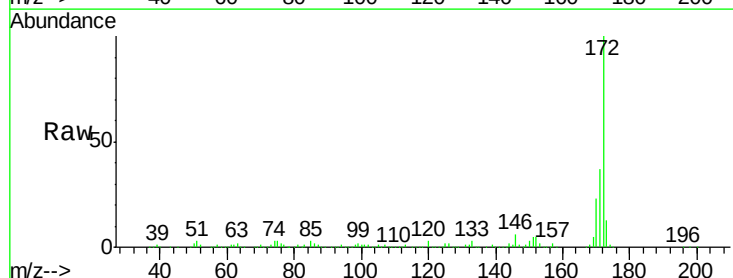
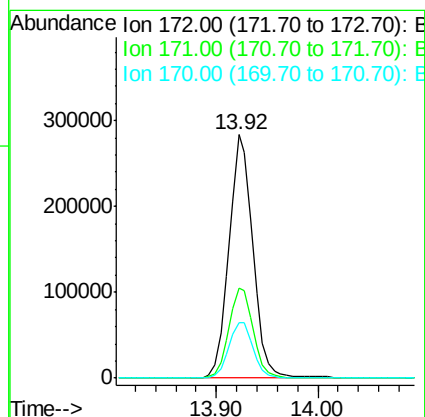
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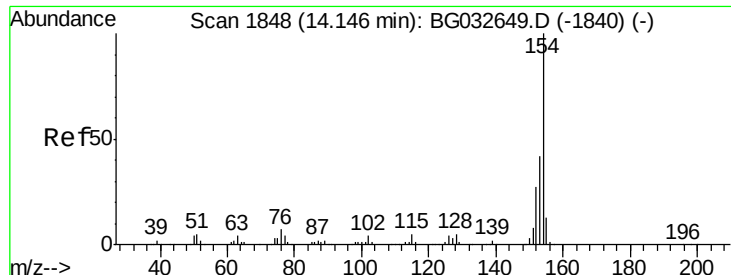
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#44  
2-Fluorobiphenyl  
Concen: 79.161 ng  
RT: 13.92 min Scan# 1810  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 463043 |       |       |
| 171     | 36.7 | 30.0  | 45.0   |       |       |
| 170     | 22.8 | 19.5  | 29.3   |       |       |





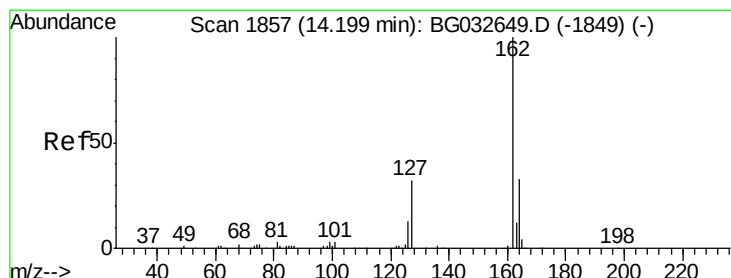
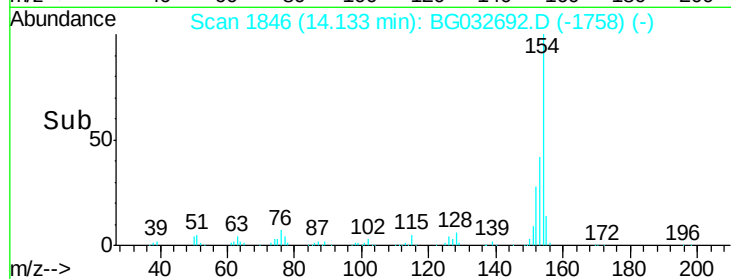
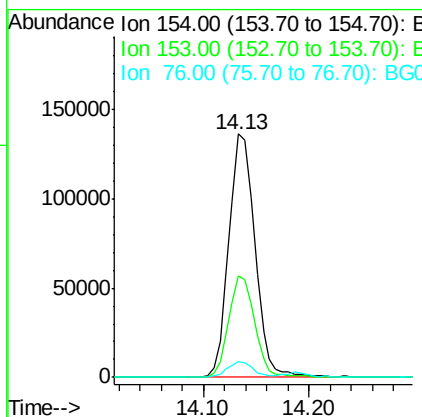
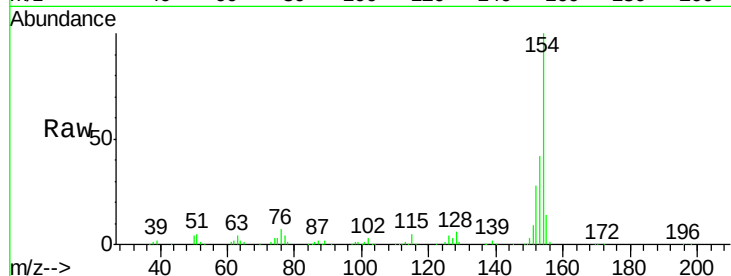
#45  
 1,1'-Biphenyl  
 Concen: 38.932 ng  
 RT: 14.13 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 19.8  | 59.8  |
| 76      | 6.6   | 0.0   | 31.9  |

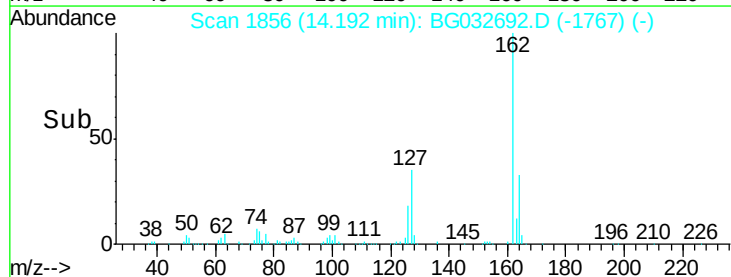
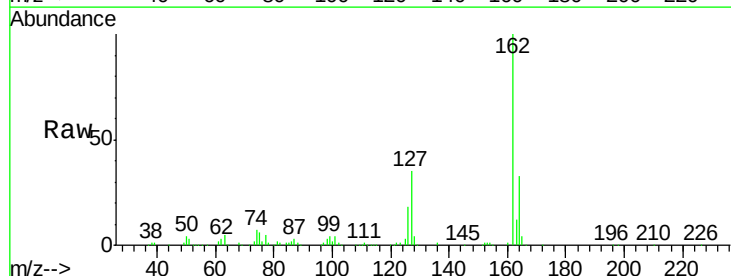
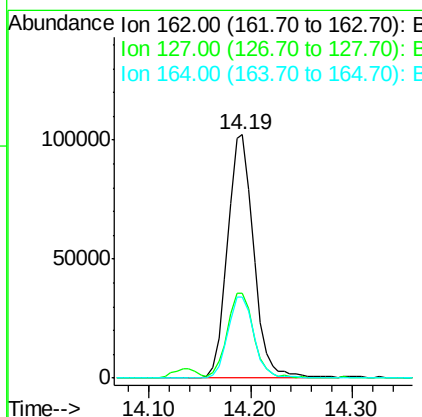
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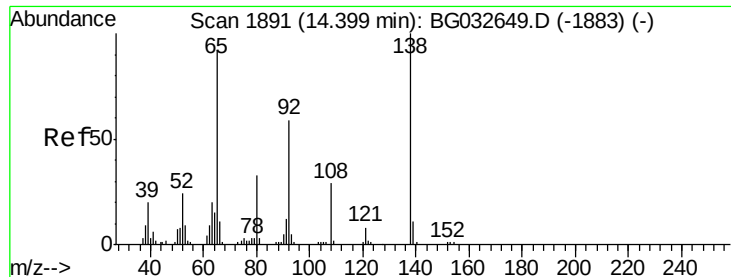
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#46  
 2-Chloronaphthalene  
 Concen: 38.632 ng  
 RT: 14.19 min Scan# 1856  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 34.8  | 30.7  | 46.1  |
| 164     | 33.0  | 26.0  | 39.0  |





#47

2-Nitroaniline

Concen: 40.615 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

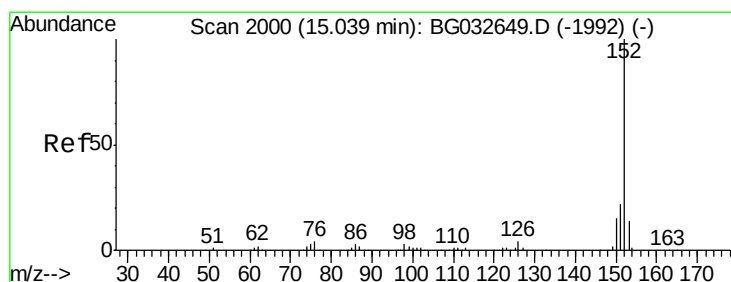
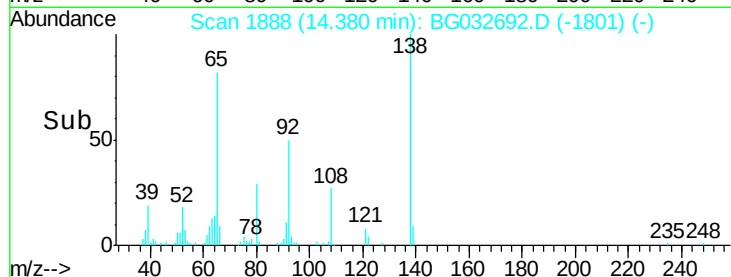
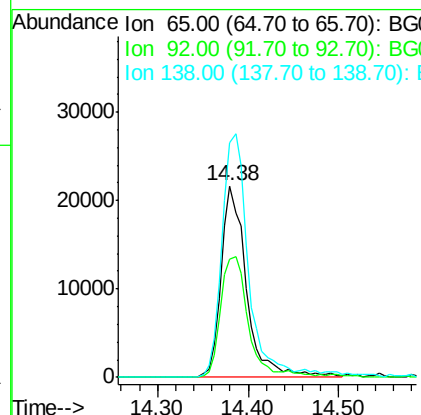
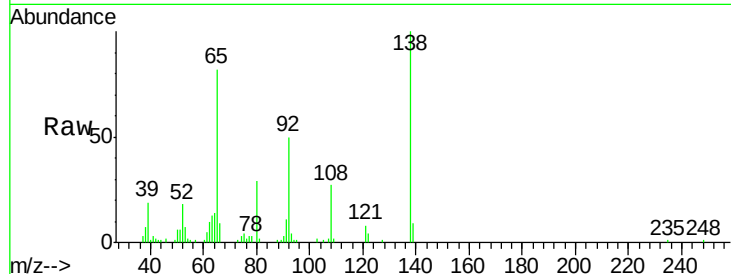
ClientSampleId :

PB106539BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 42077 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.6  | 54.6  | 82.0  |
| 138       | 122.6 | 72.9  | 109.3 |

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#48

Acenaphthylene

Concen: 39.993 ng

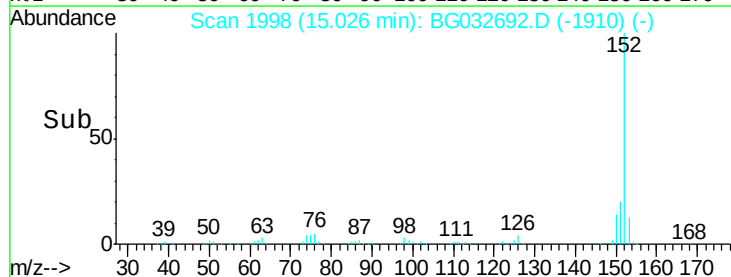
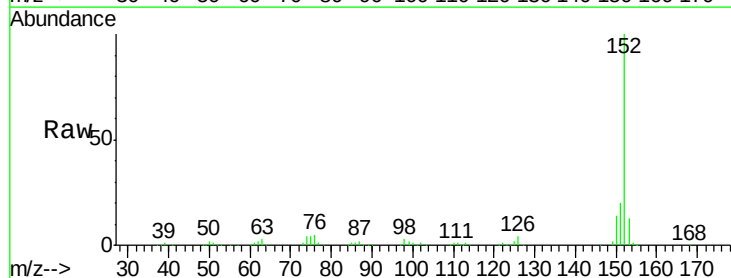
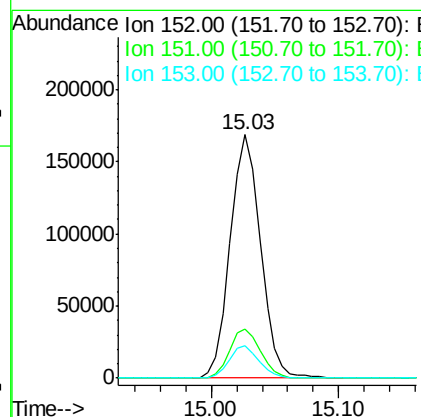
RT: 15.03 min Scan# 1998

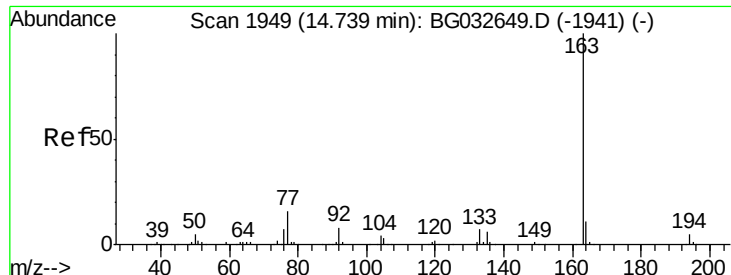
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 280230 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 17.2  | 25.8   |
| 153       | 13.3  | 10.2  | 15.4   |





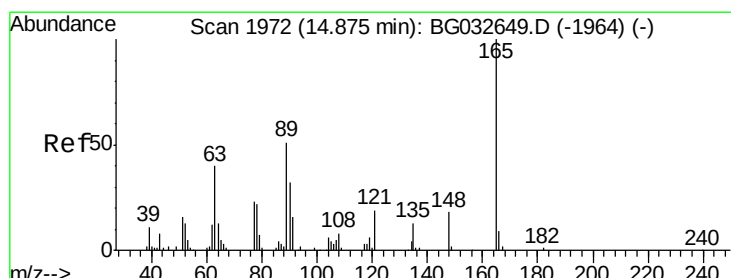
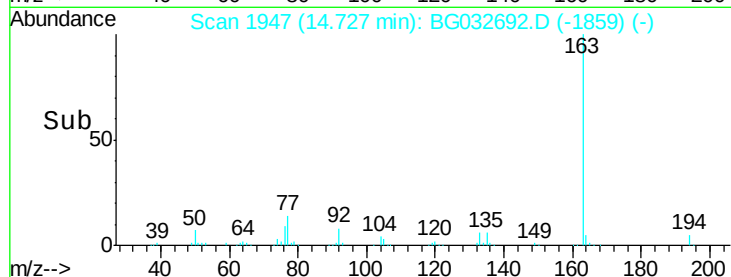
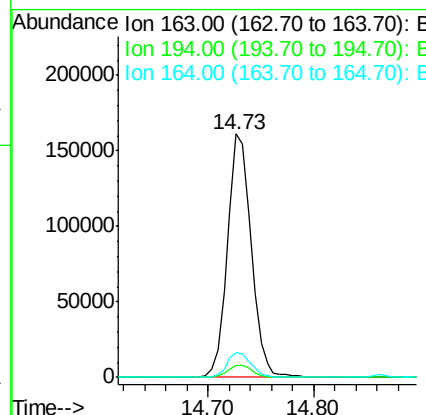
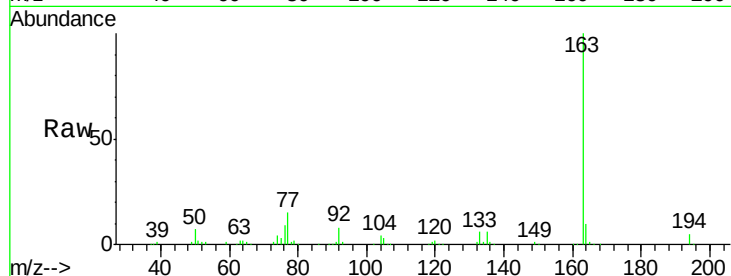
#49  
Dimethylphthalate  
Concen: 39.826 ng  
RT: 14.73 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 251816 |       |       |
| 194     | 4.7   |        | 3.4   | 5.2   |
| 164     | 10.2  |        | 8.2   | 12.4  |

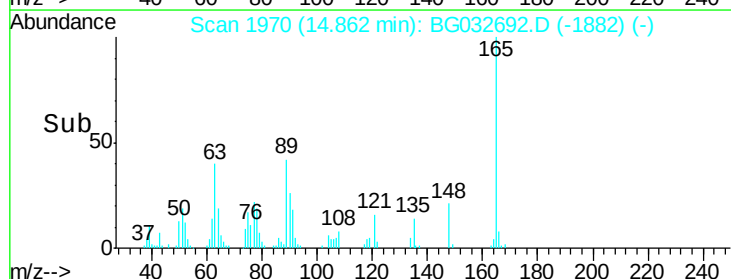
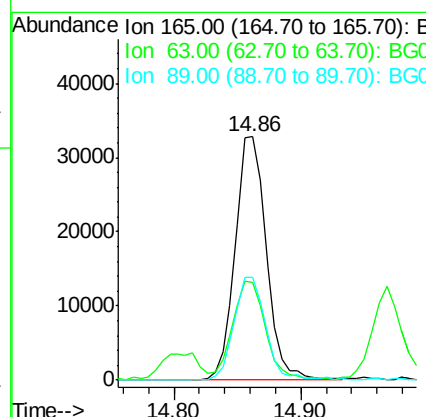
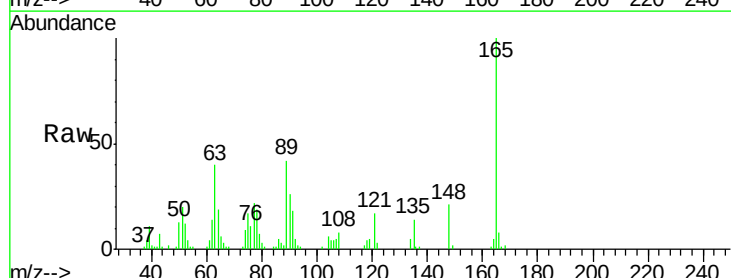
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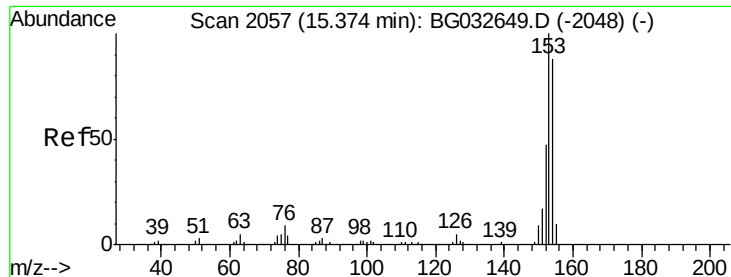
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#50  
2,6-Dinitrotoluene  
Concen: 42.896 ng  
RT: 14.86 min Scan# 1970  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 55859 |       |       |
| 63      | 40.2  |       | 52.7  | 79.1# |
| 89      | 42.5  |       | 49.2  | 73.8# |





#51

Acenaphthene

Concen: 40.711 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

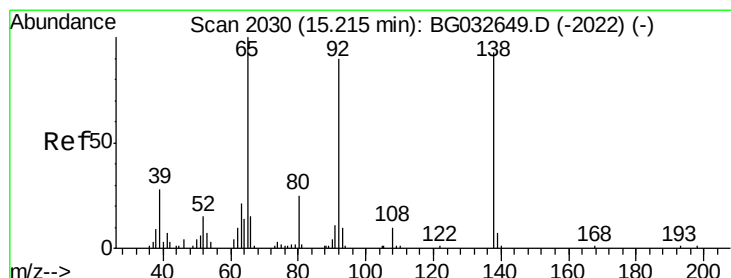
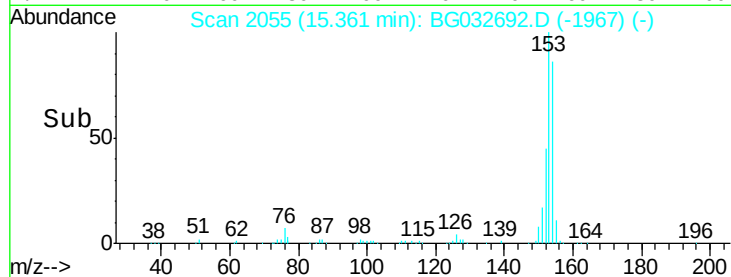
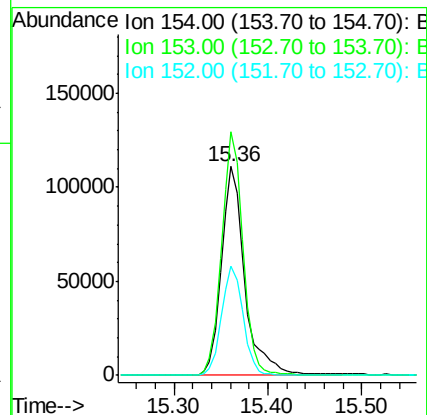
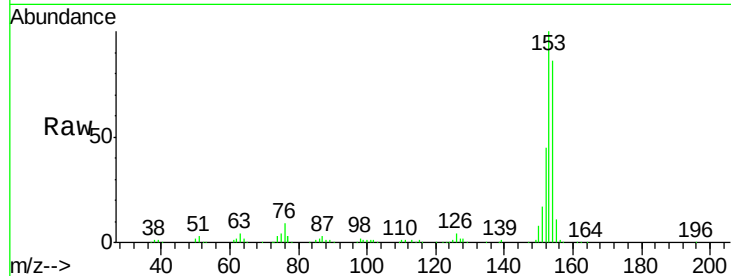
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 194811 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.7 | 90.4  | 135.6  |
| 152       | 52.3  | 41.6  | 62.4   |

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#52

3-Nitroaniline

Concen: 20.542 ng

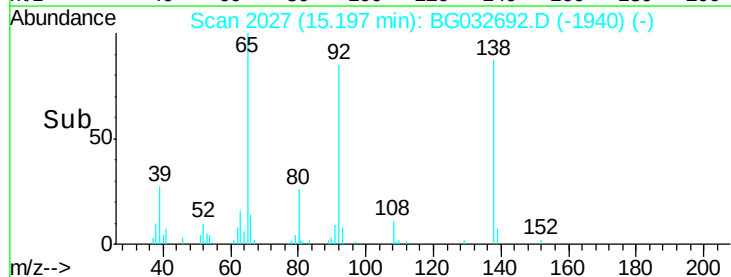
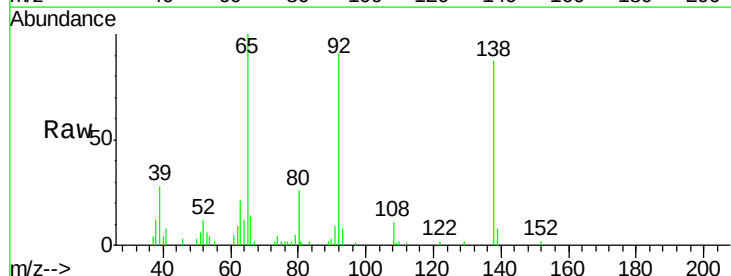
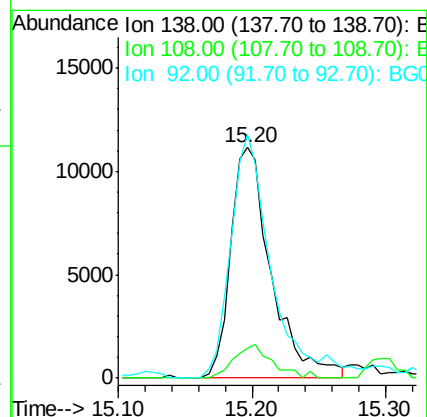
RT: 15.20 min Scan# 2027

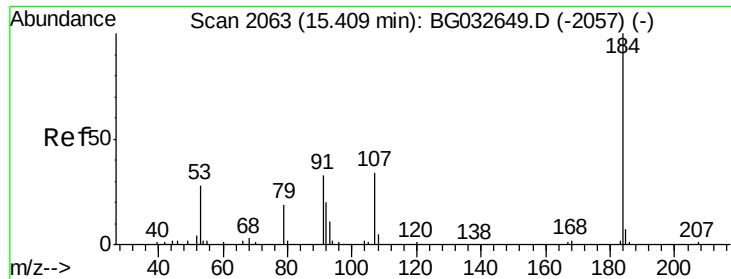
Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 23622  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.0  | 17.5  | 26.3#  |
| 92        | 105.5 | 105.8 | 158.8# |





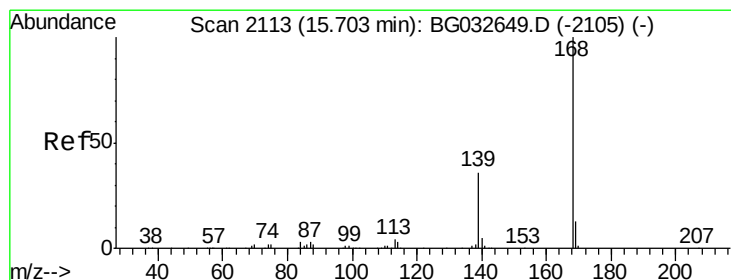
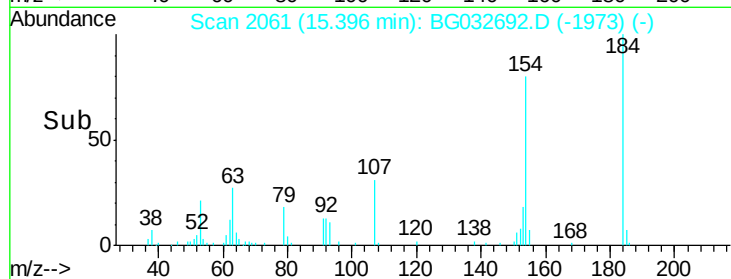
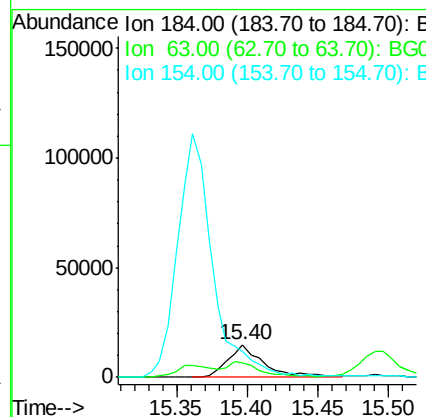
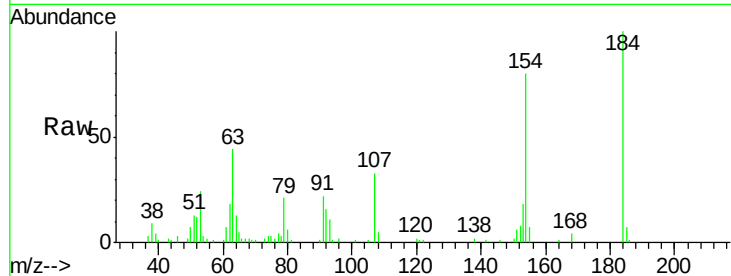
#53  
 2,4-Dinitrophenol  
 Concen: 43.763 ng  
 RT: 15.40 min Scan# 2061  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 44.3  | 59.8  | 89.8#  |
| 154     | 80.0  | 101.8 | 152.8# |

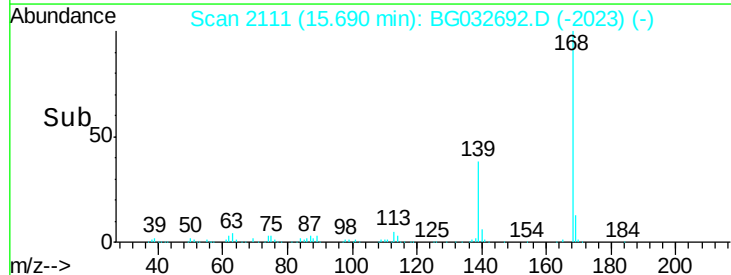
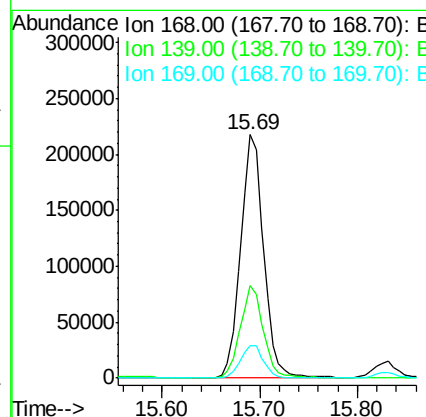
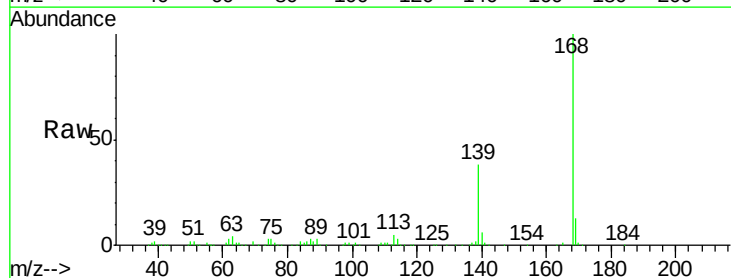
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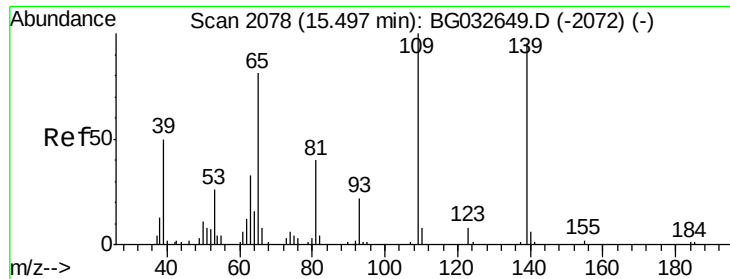
Sohil  
 2/15/2018 11:07:51 AM



#54  
 Dibenzofuran  
 Concen: 50.159 ng  
 RT: 15.69 min Scan# 2111  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.9  | 28.6  | 43.0  |
| 169     | 13.1  | 11.2  | 16.8  |





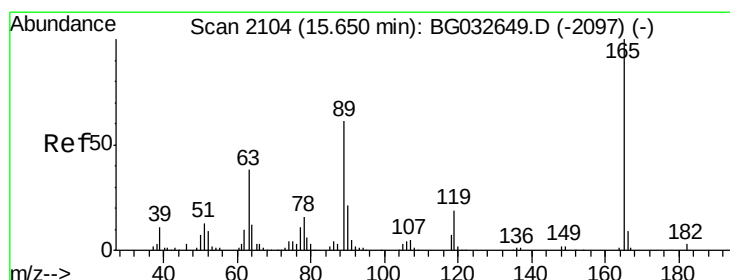
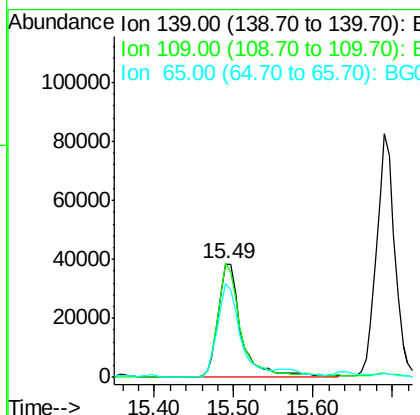
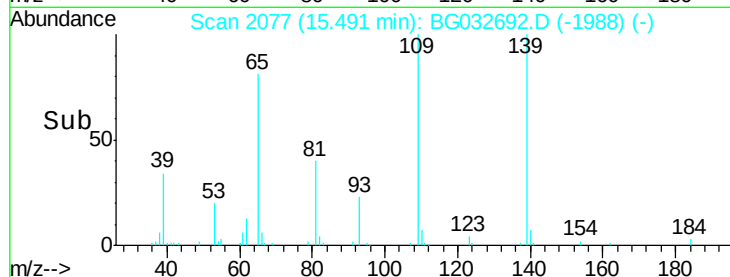
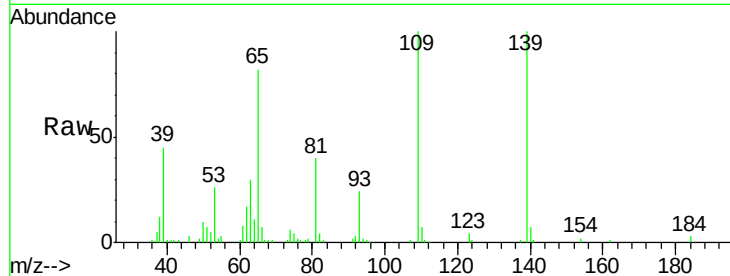
#55  
4-Nitrophenol  
Concen: 92.766 ng  
RT: 15.49 min Scan# 2077  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampled :  
PB106539BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 100.3 | 62.2 | 102.2 |       |
| 65      | 82.7  | 97.2 | 137.2 |       |

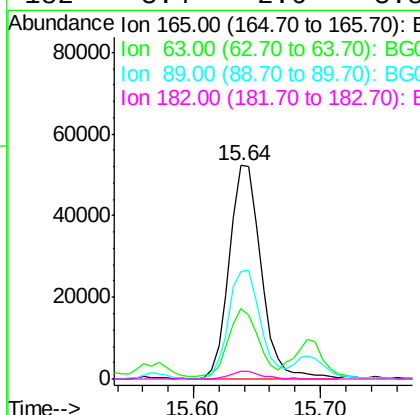
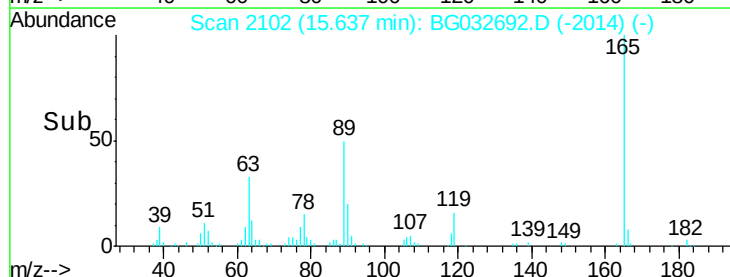
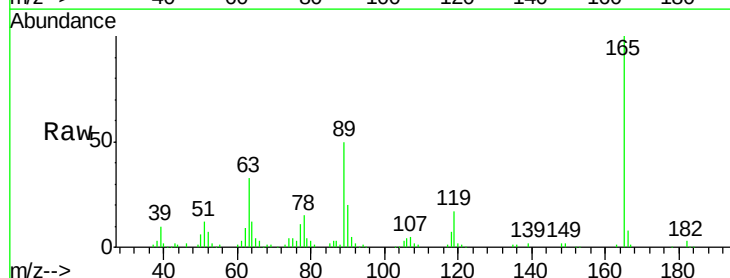
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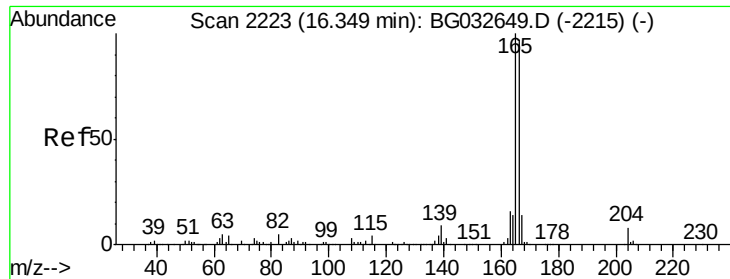


#56  
2,4-Dinitrotoluene  
Concen: 50.837 ng  
RT: 15.64 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 32.8  | 42.0 | 63.0  |       |
| 89      | 50.3  | 66.9 | 100.3 |       |
| 182     | 3.4   | 2.6  | 3.8   |       |







#57

Fluorene

Concen: 61.276 ng

RT: 16.34 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

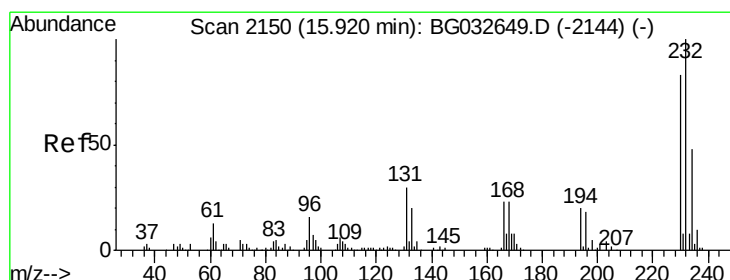
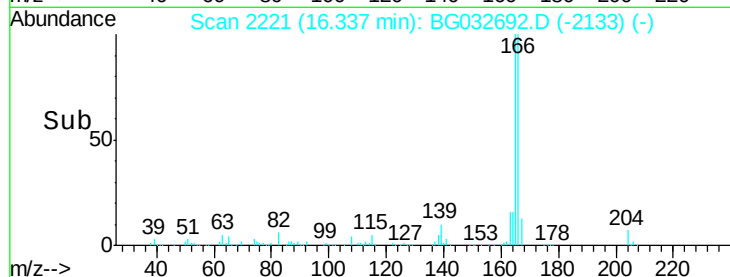
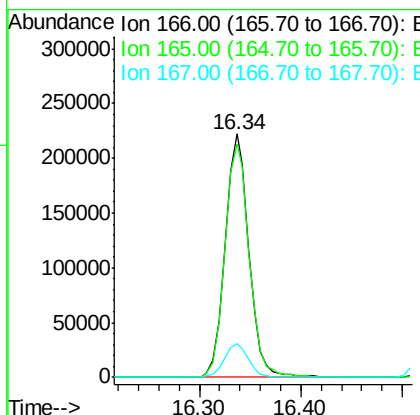
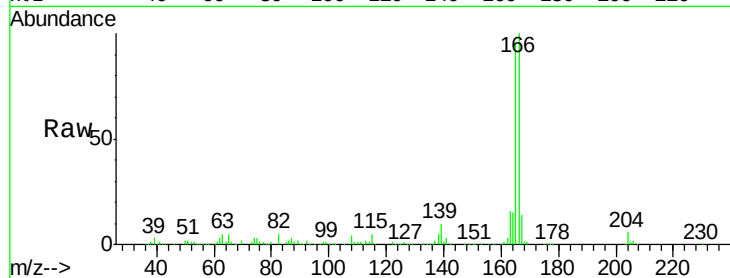
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 358760 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.0  | 80.6  | 121.0  |
| 167       | 13.9  | 10.4  | 15.6   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.975 ng

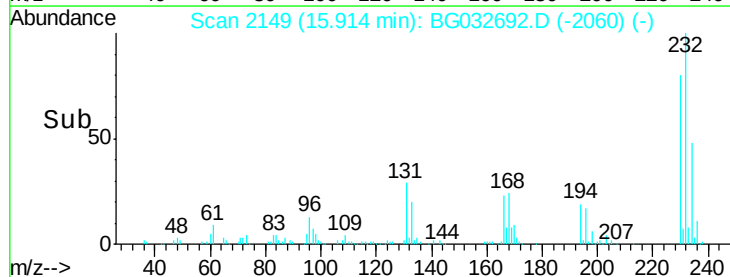
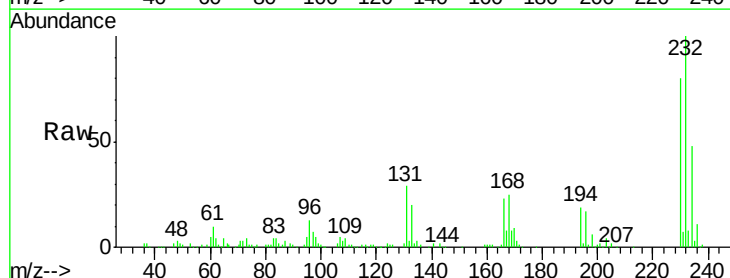
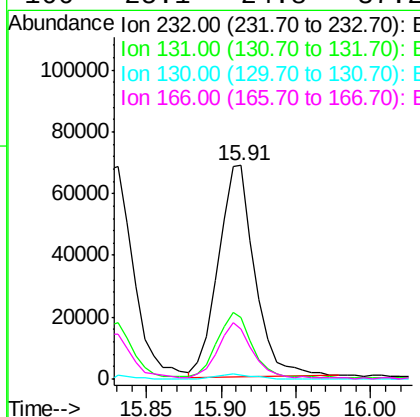
RT: 15.91 min Scan# 2149

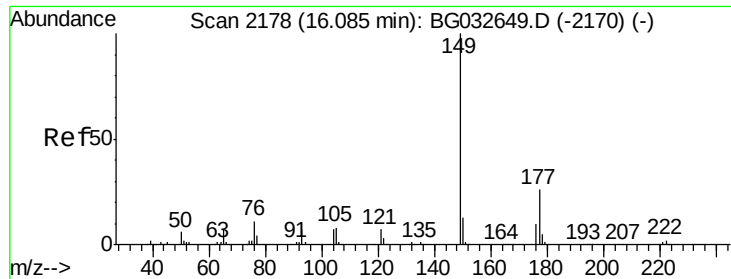
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 117294 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 30.9  | 33.5  | 50.3#  |
| 130       | 2.2   | 2.2   | 3.2    |
| 166       | 25.1  | 24.8  | 37.2   |





#59

Diethylphthalate

Concen: 58.054 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

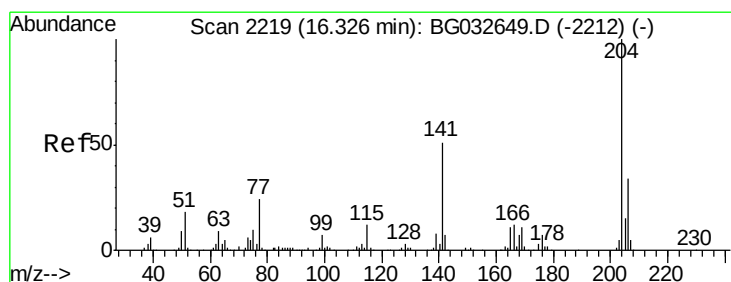
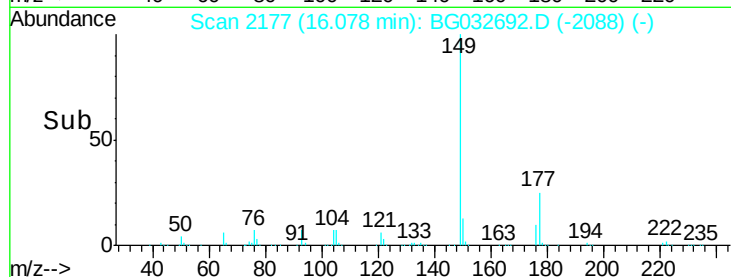
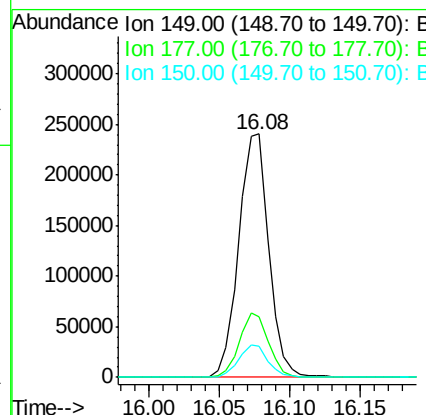
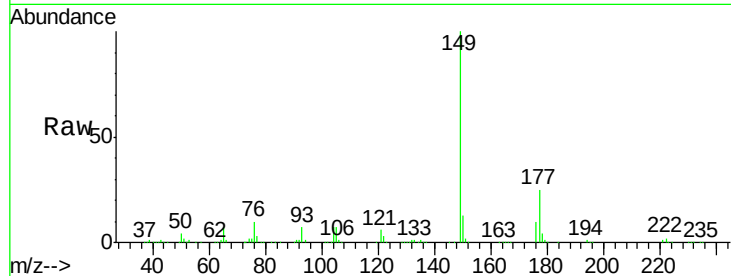
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 357163 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.9  | 18.5  | 27.7   |
| 150       | 12.8  | 10.2  | 15.2   |

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#60

4-Chlorophenyl-phenylether

Concen: 58.090 ng

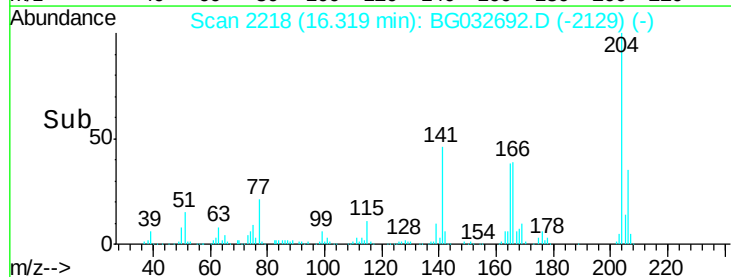
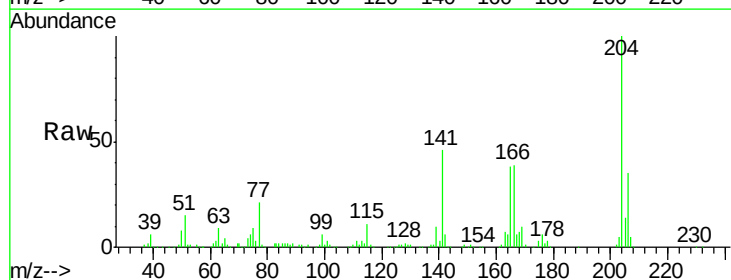
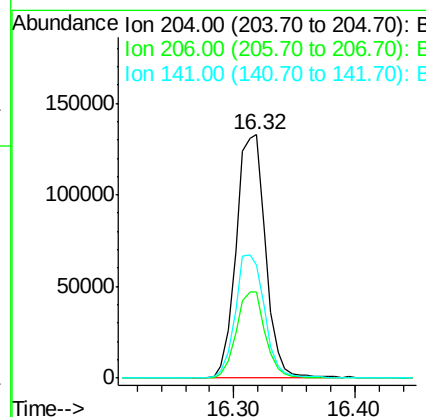
RT: 16.32 min Scan# 2218

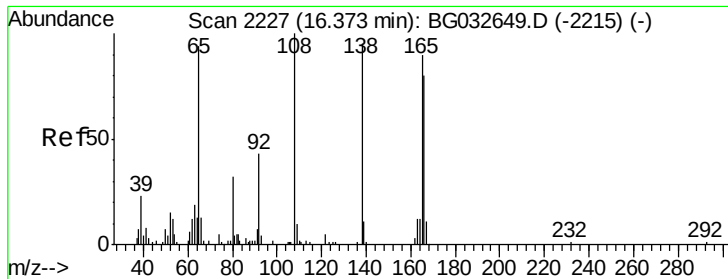
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 224555 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 35.4  | 26.2  | 39.2   |
| 141       | 46.3  | 45.8  | 68.6   |





#61

4-Nitroaniline

Concen: 54.082 ng

RT: 16.35 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

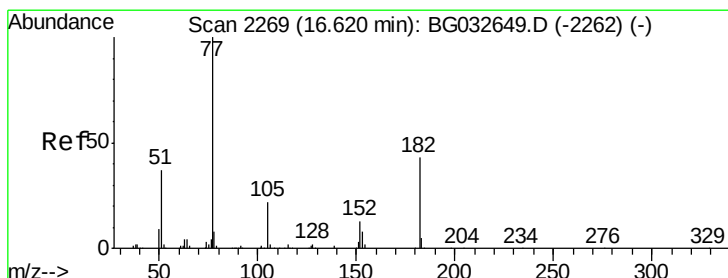
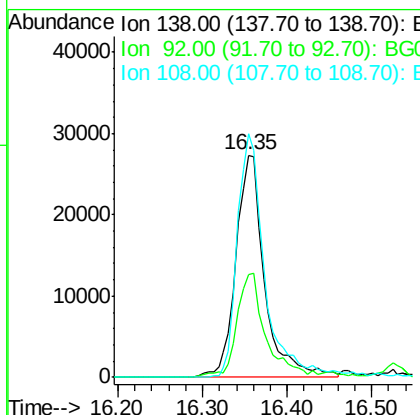
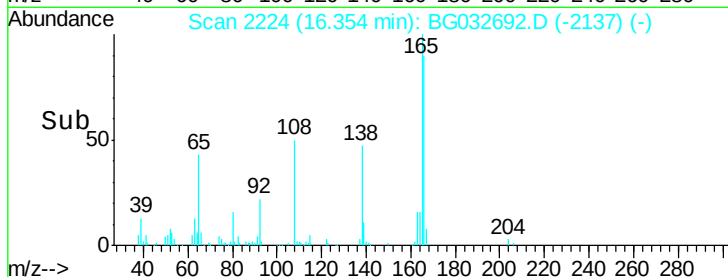
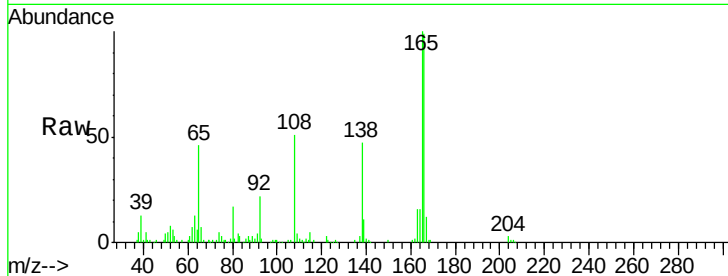
ClientSampleId :

PB106539BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 138   | Resp: | 64119  |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 46.2  | 40.1  | 80.1   |
| 108      | 109.7 | 65.4  | 105.4# |

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#62

Azobenzene

Concen: 59.504 ng

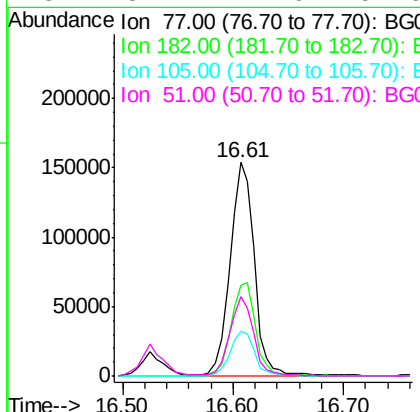
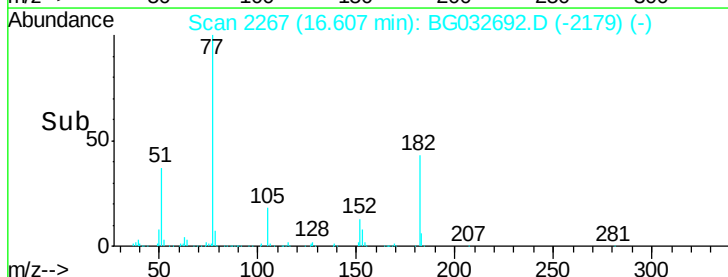
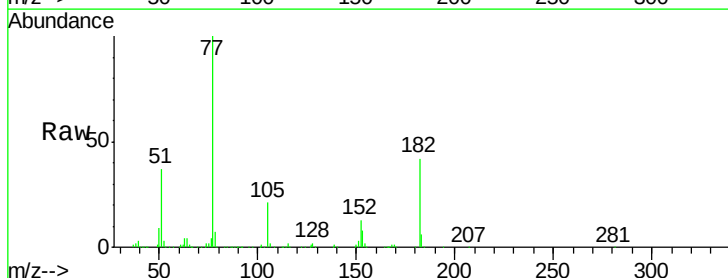
RT: 16.61 min Scan# 2267

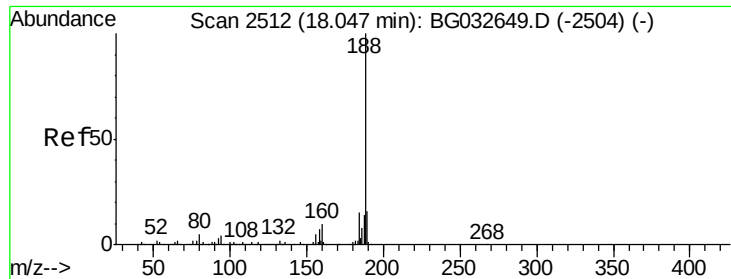
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 235201 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 42.4  | 7.4   | 47.4   |
| 105      | 21.1  | 0.3   | 40.3   |
| 51       | 37.1  | 11.6  | 51.6   |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

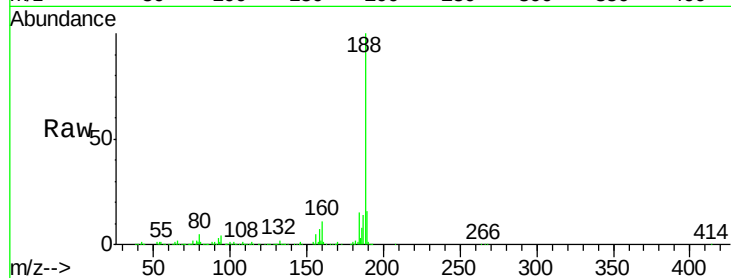
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 250093 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 4.1   | 6.9   | 10.3#  |
| 80        | 5.2   | 7.7   | 11.5#  |

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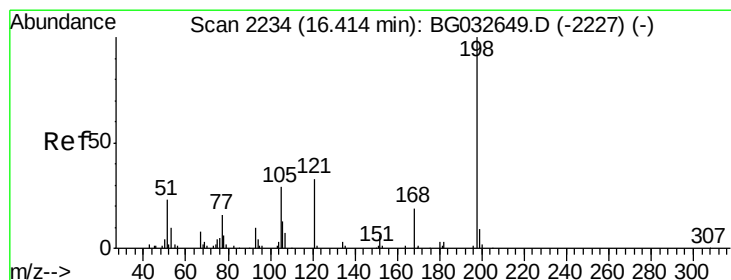
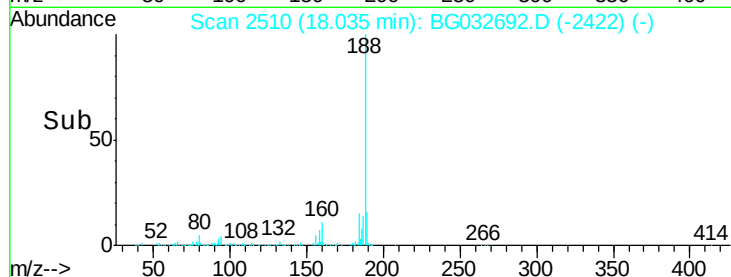
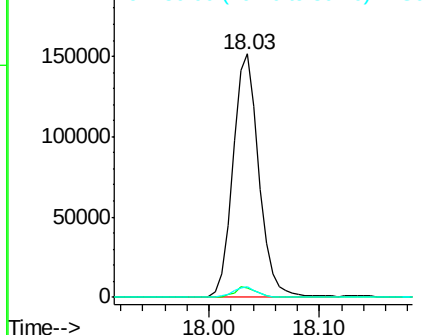
Sohil  
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 29.620 ng

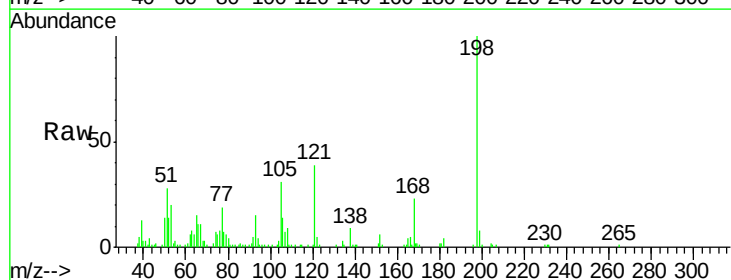
RT: 16.40 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

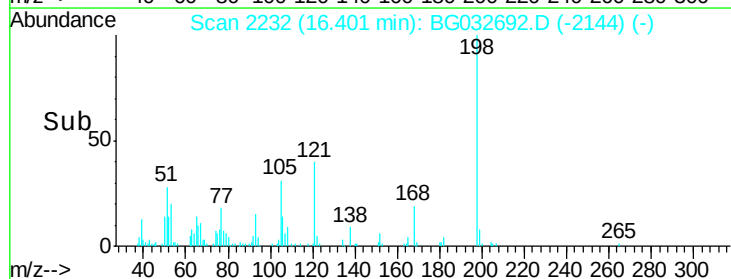
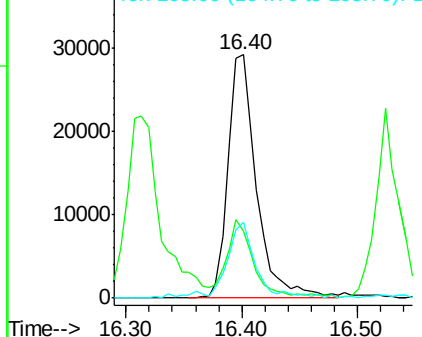
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 49974 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 27.6  | 30.6  | 70.6# |
| 105       | 31.0  | 23.8  | 63.8  |

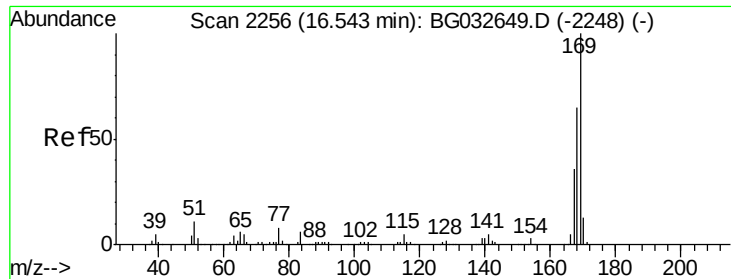


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





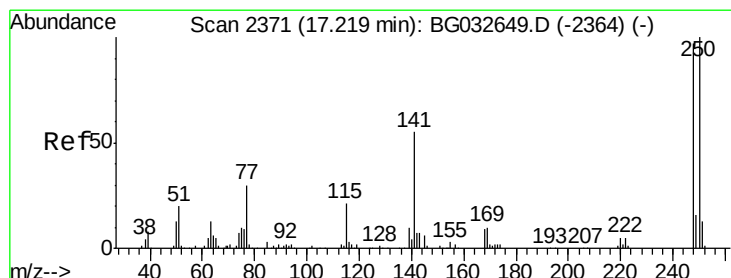
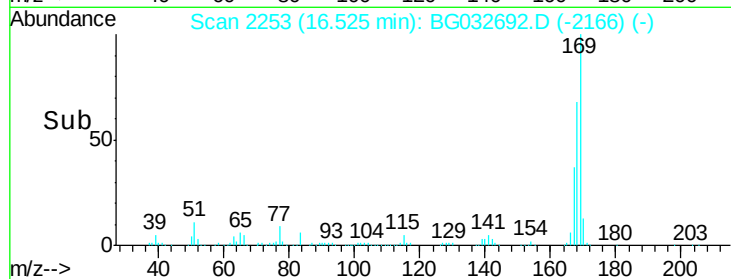
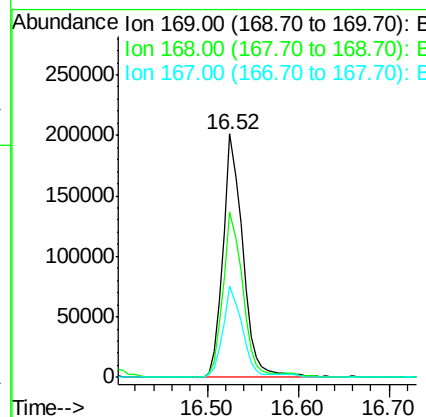
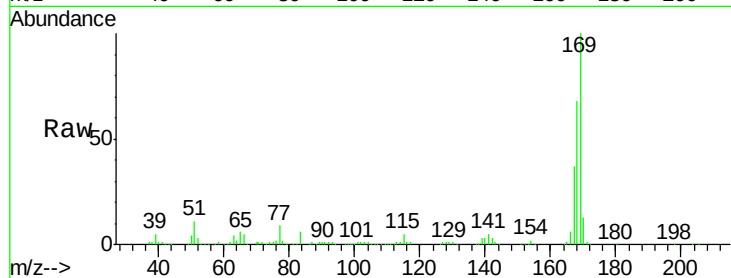
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.537 ng  
 RT: 16.52 min Scan# 2253  
 Delta R.T. -0.02 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 304665 |       |       |
| 168     | 68.1  |        | 55.7  | 83.5  |
| 167     | 37.5  |        | 30.1  | 45.1  |

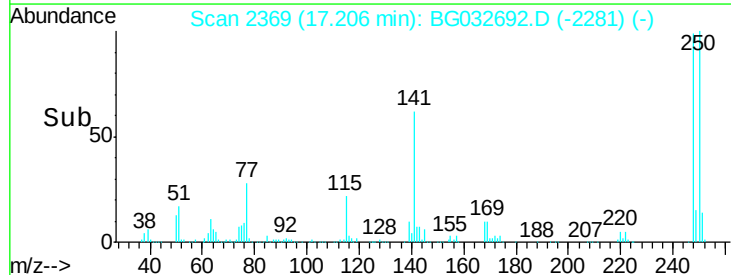
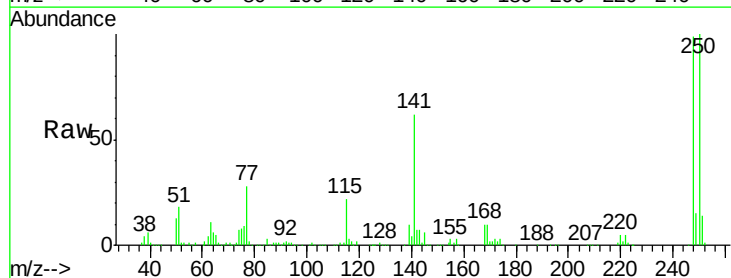
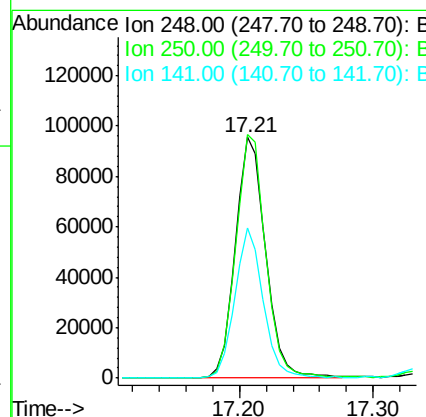
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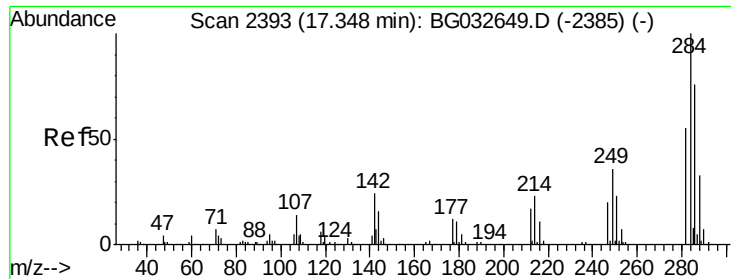
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#66  
 4-Bromophenyl-phenylether  
 Concen: 42.308 ng  
 RT: 17.21 min Scan# 2369  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 151430 |       |       |
| 250     | 101.1 |        | 77.1  | 115.7 |
| 141     | 62.2  |        | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 42.124 ng

RT: 17.34 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

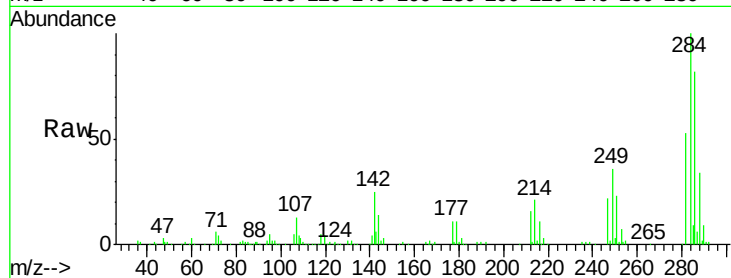
ClientSampleId :

PB106539BS

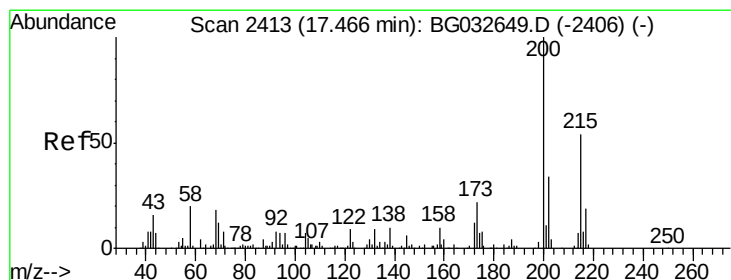
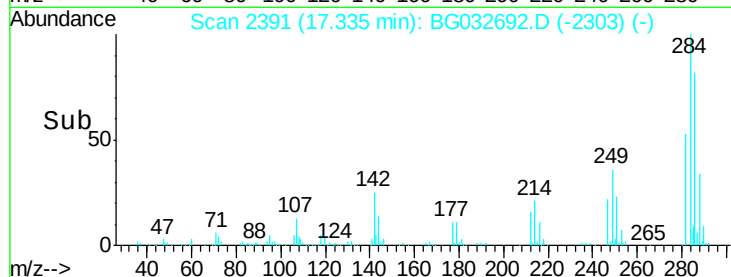
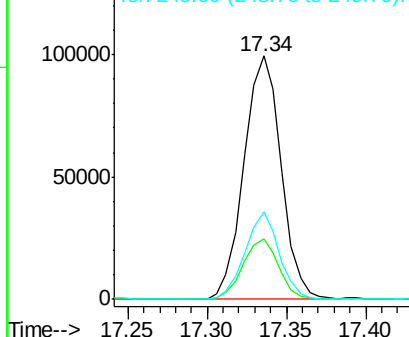
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 161935 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 24.7  | 26.8  | 40.2#  |
| 249       | 36.0  | 26.3  | 39.5   |

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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.705 ng

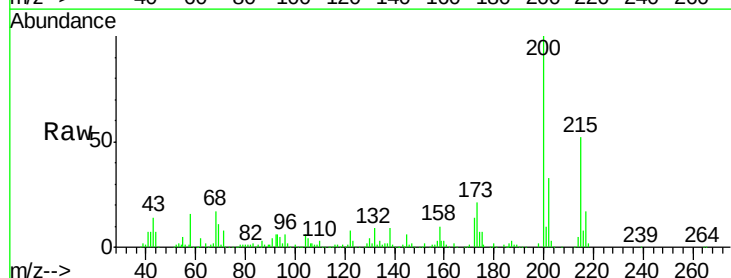
RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

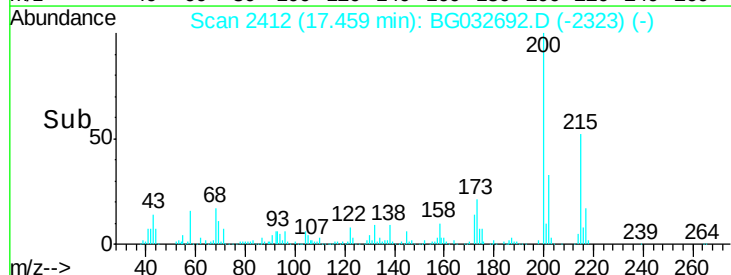
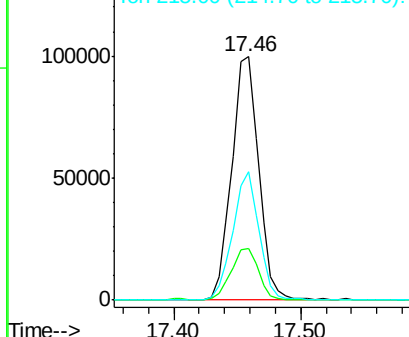
Lab File: BG032692.D

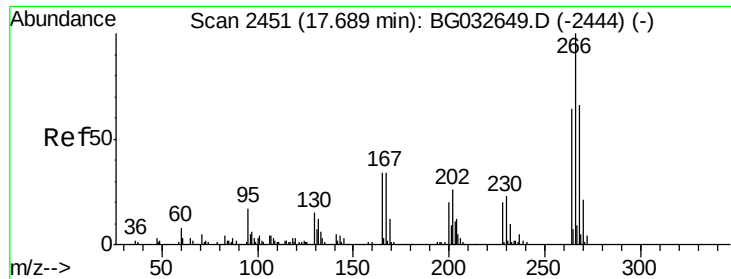
Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 146934 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 21.0  | 5.2   | 45.2   |
| 215       | 52.5  | 30.4  | 70.4   |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





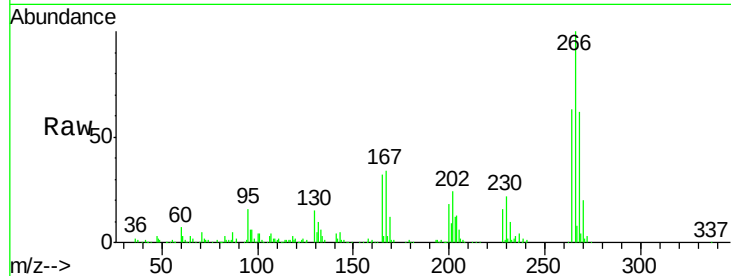
#69  
 Pentachlorophenol  
 Concen: 74.575 ng  
 RT: 17.68 min Scan# 2449  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB106539BS

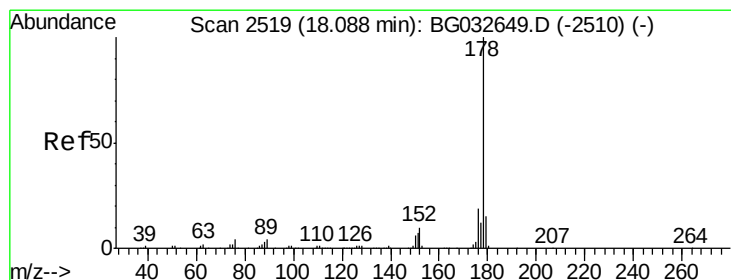
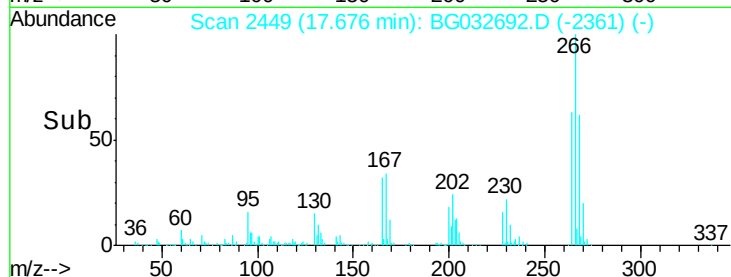
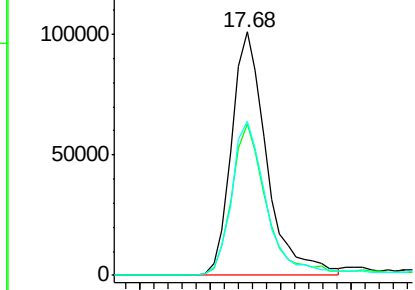
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.2  | 51.1  | 76.7  |
| 264     | 63.1  | 49.6  | 74.4  |

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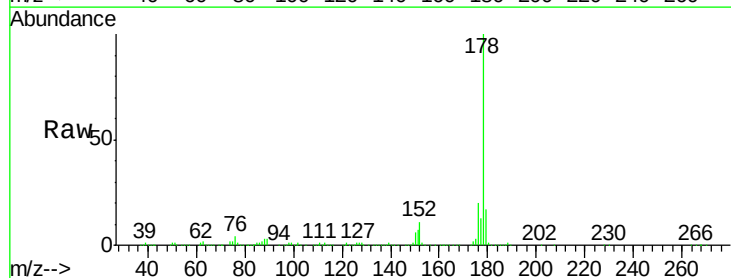


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

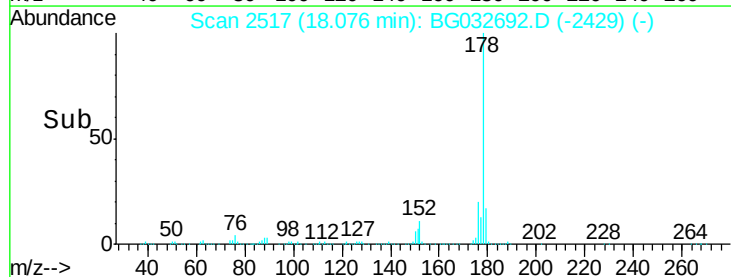
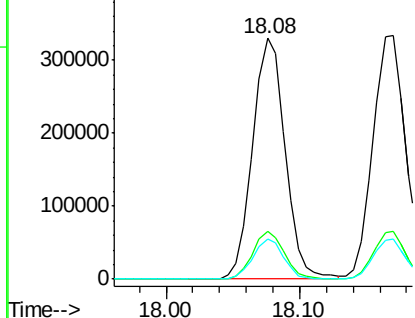


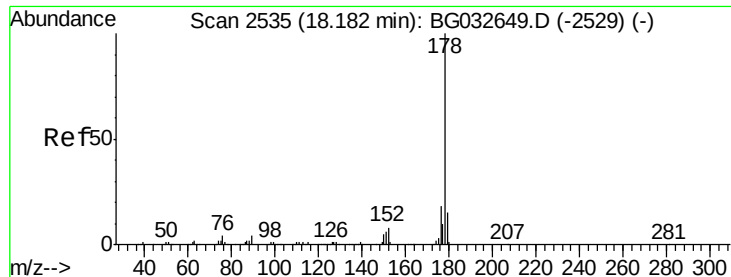
#70  
 Phenanthrene  
 Concen: 41.156 ng  
 RT: 18.08 min Scan# 2517  
 Delta R.T. -0.01 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.7  | 23.5  |
| 179     | 16.7  | 12.5  | 18.7  |



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





#71

Anthracene

Concen: 42.194 ng

RT: 18.17 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

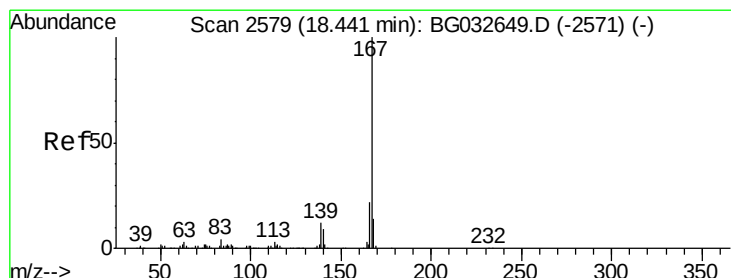
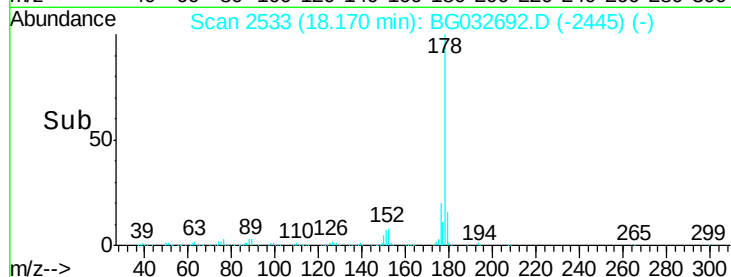
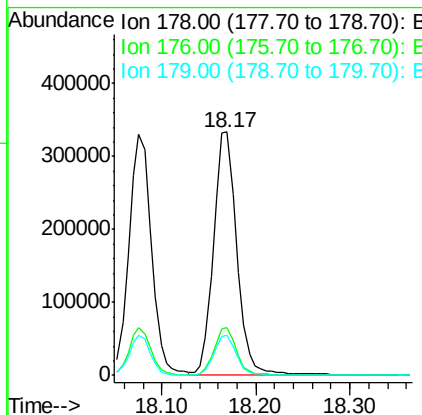
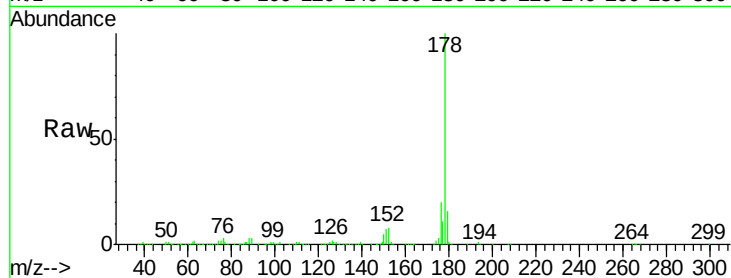
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 580012 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.6  | 16.0  | 24.0   |
| 179       | 16.4  | 12.5  | 18.7   |

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#72

Carbazole

Concen: 40.104 ng

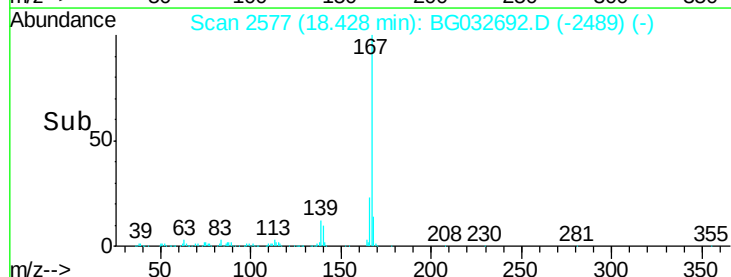
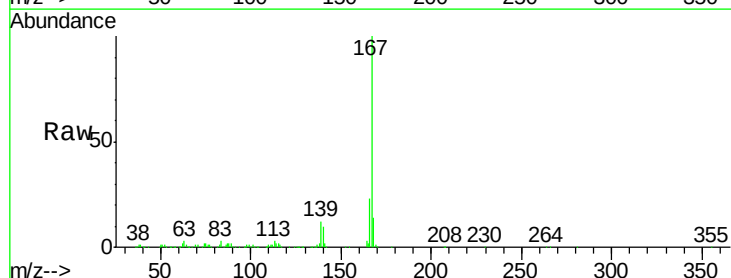
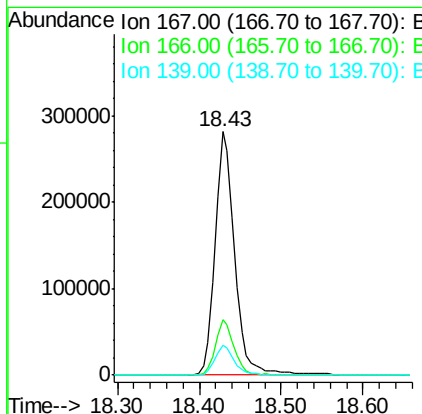
RT: 18.43 min Scan# 2577

Delta R.T. -0.01 min

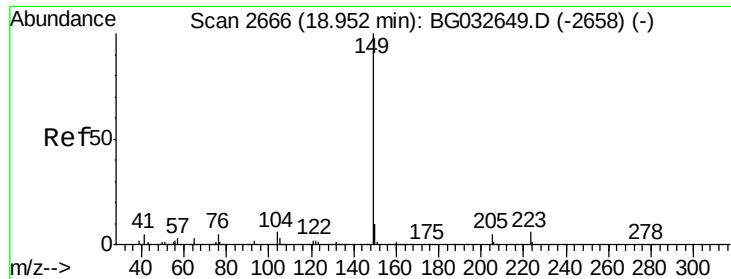
Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 470028 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.8  | 18.2  | 27.4   |
| 139       | 12.2  | 9.4   | 14.2   |







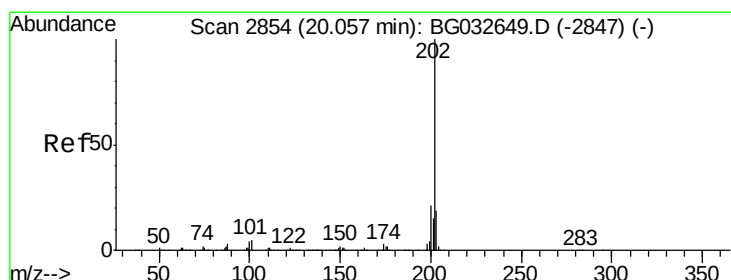
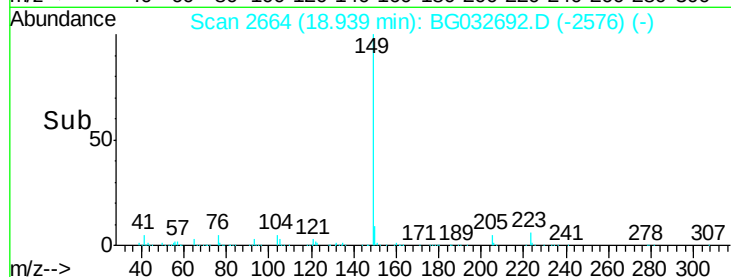
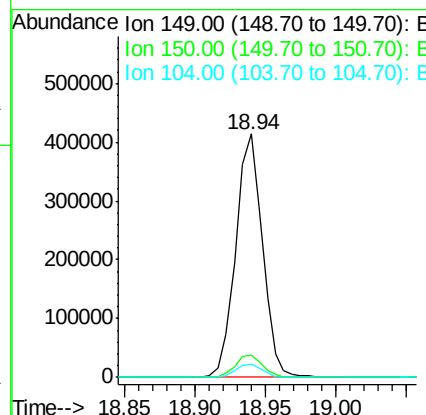
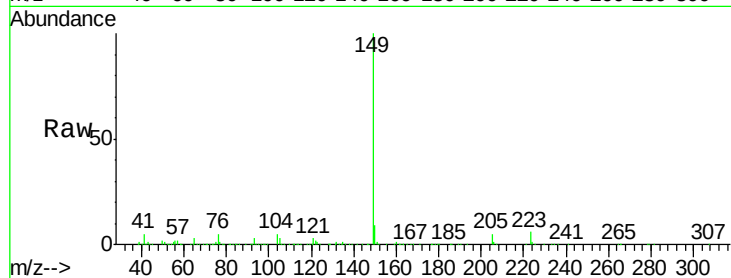
#73  
Di-n-butylphthalate  
Concen: 41.386 ng  
RT: 18.94 min Scan# 2664  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampled :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.8   | 11.6  |
| 104     | 5.2   | 3.9   | 5.9   |

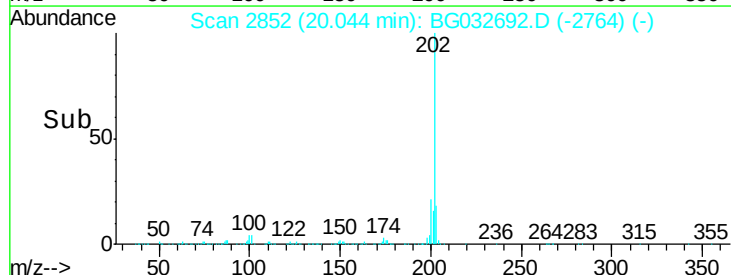
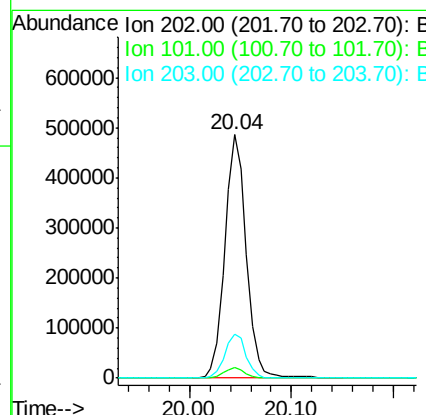
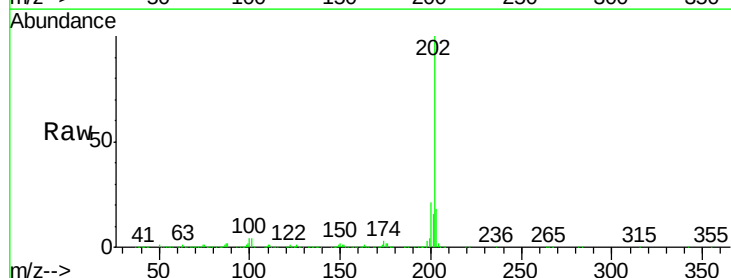
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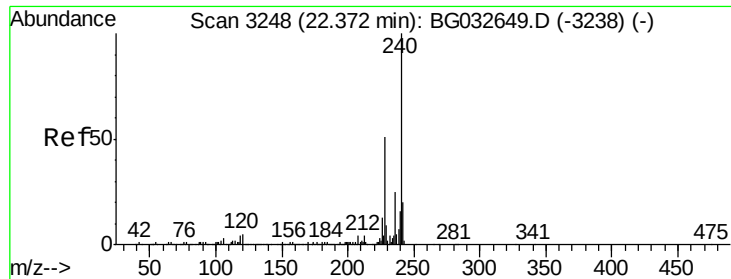
Sohil  
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#74  
Fluoranthene  
Concen: 39.623 ng  
RT: 20.04 min Scan# 2852  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 4.2   | 0.0   | 28.9  |
| 203     | 18.0  | 0.0   | 37.5  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

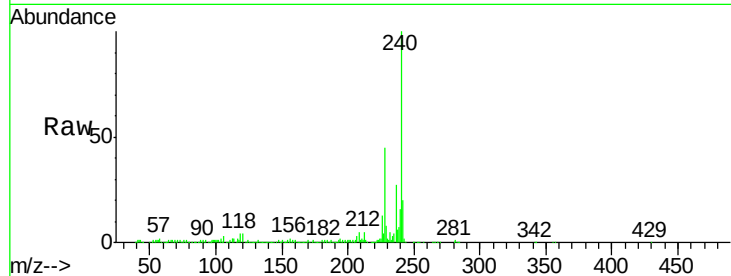
ClientSampleId :

PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 3.9   | 6.8   | 10.2# |
| 236     | 26.9  | 20.9  | 31.3  |

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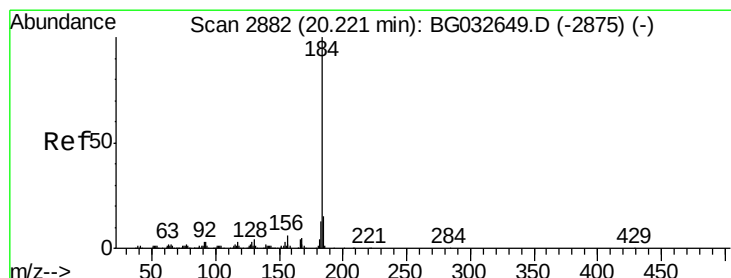
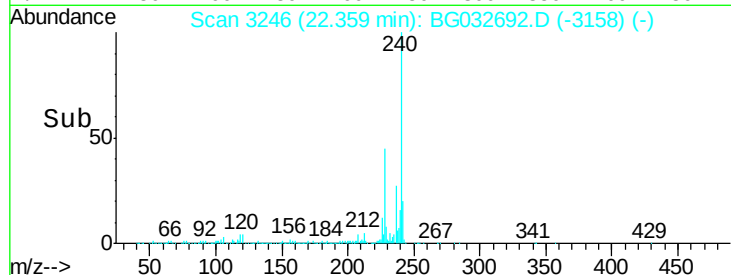
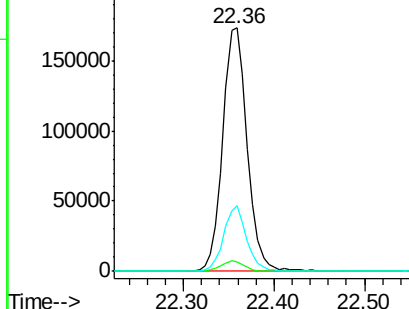
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.315 ng

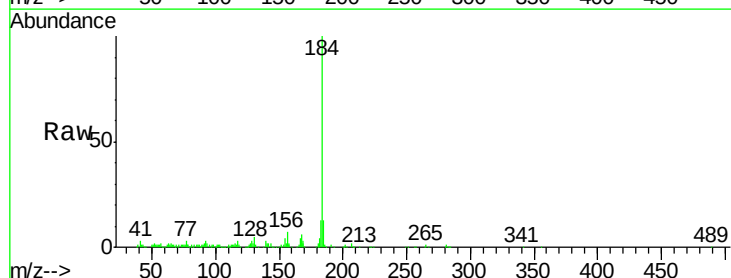
RT: 20.21 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

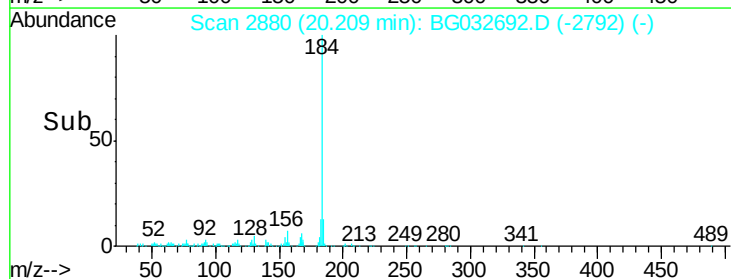
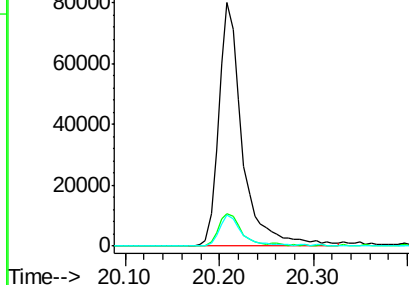
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.1  | 11.1  | 16.7  |
| 183     | 13.0  | 10.6  | 16.0  |

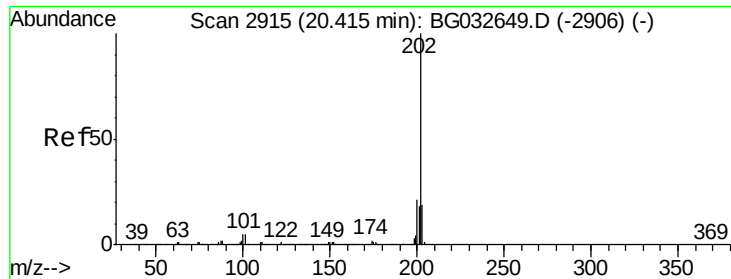


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.614 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

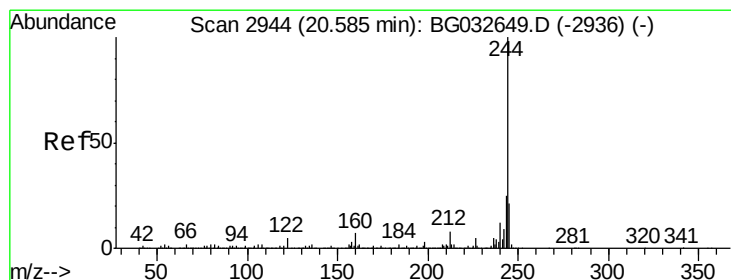
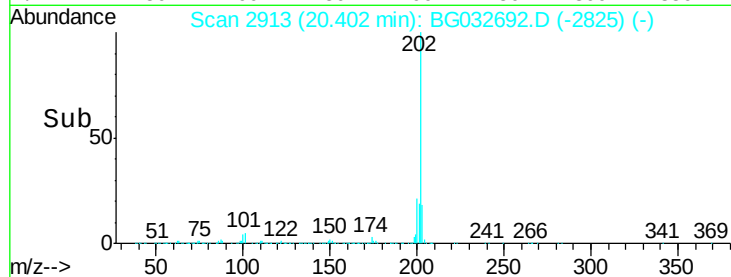
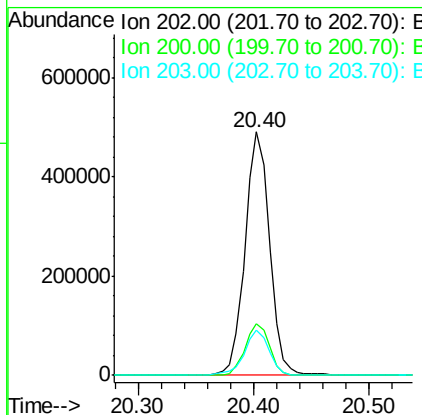
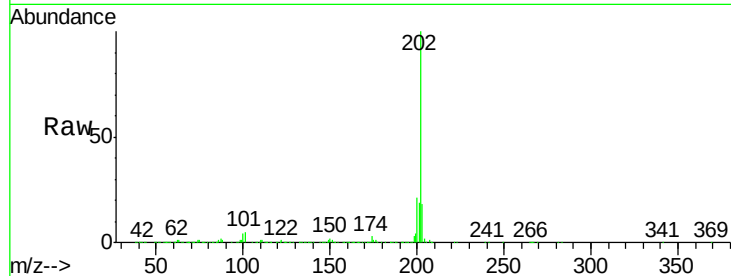
ClientSampleId :

PB106539BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 725948 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.1 | 16.9  | 25.3   |
| 203       | 18.4 | 13.9  | 20.9   |

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#78

Terphenyl-d14

Concen: 81.608 ng

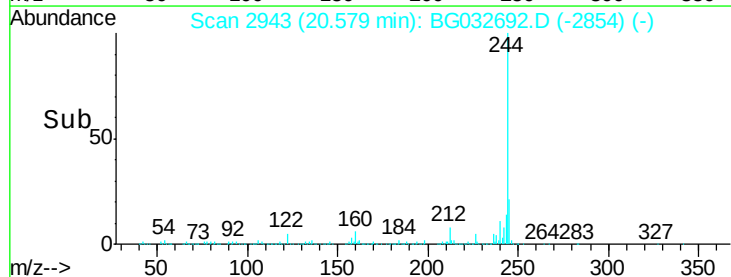
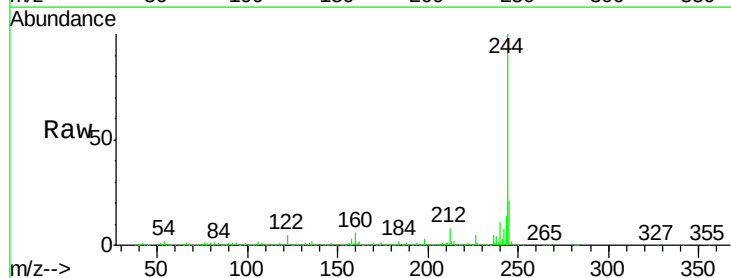
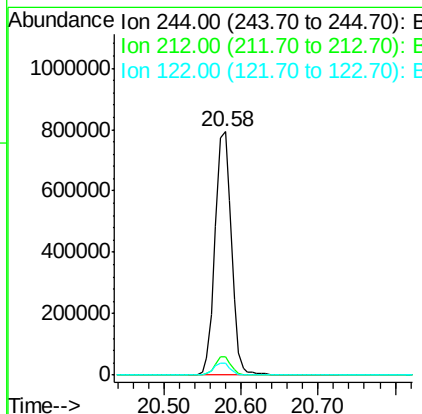
RT: 20.58 min Scan# 2943

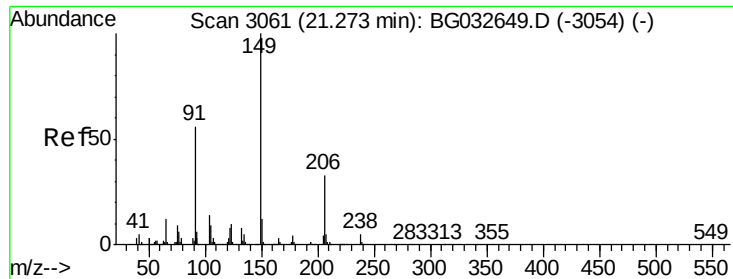
Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1161561 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 7.8 | 5.8   | 8.8     |
| 122       | 5.0 | 7.0   | 10.4#   |





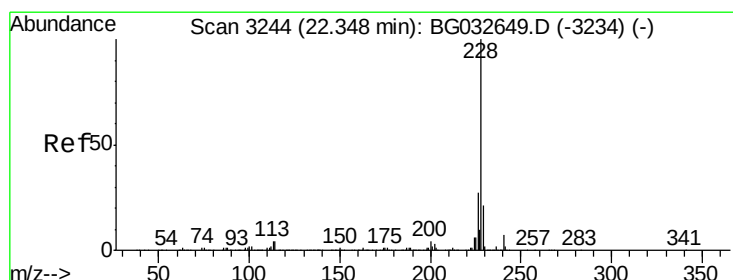
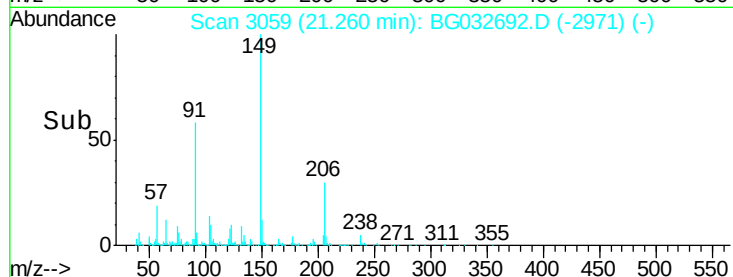
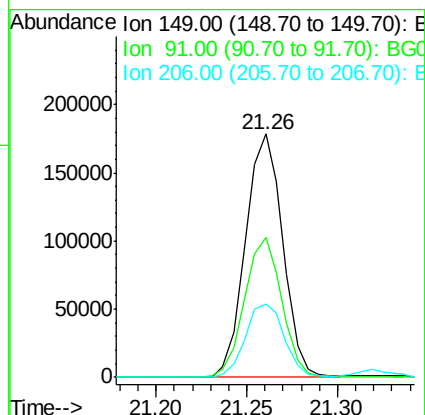
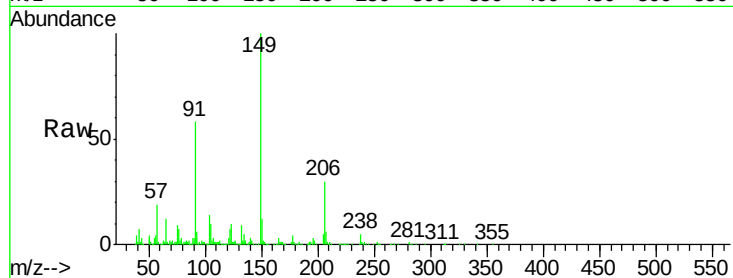
#79  
Butylbenzylphthalate  
Concen: 40.128 ng  
RT: 21.26 min Scan# 3059  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 57.6  | 62.2       | 93.2# |
| 206     | 29.9  | 18.6       | 27.8# |

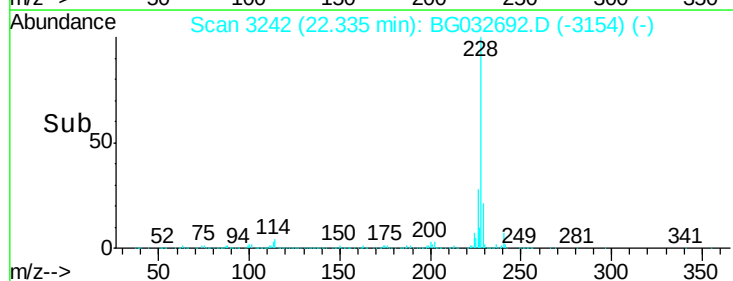
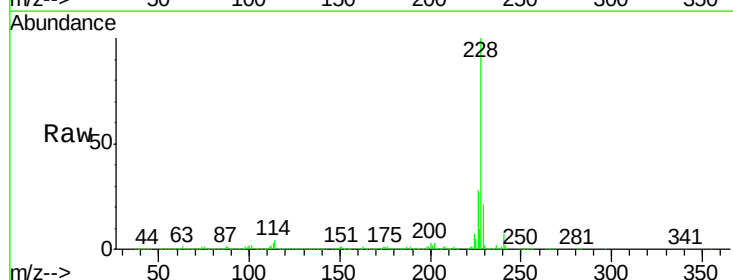
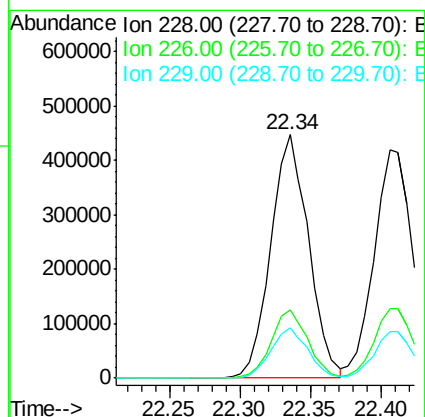
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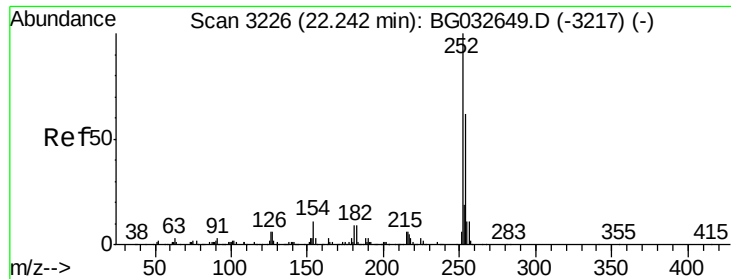
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2/15/2018 11:07:51 AM



#80  
Benzo(a)anthracene  
Concen: 41.205 ng  
RT: 22.34 min Scan# 3242  
Delta R.T. -0.01 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 28.3  | 22.7       | 34.1  |
| 229     | 20.9  | 16.2       | 24.2  |





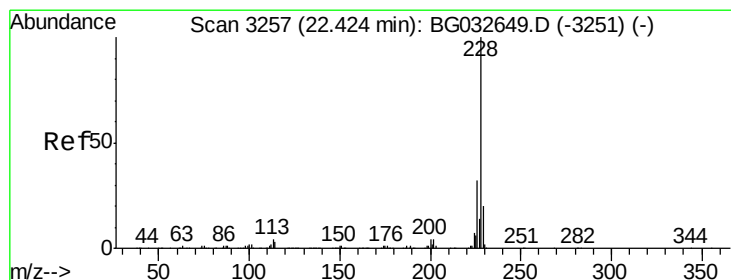
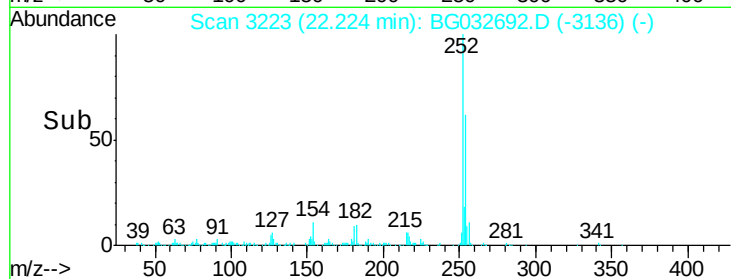
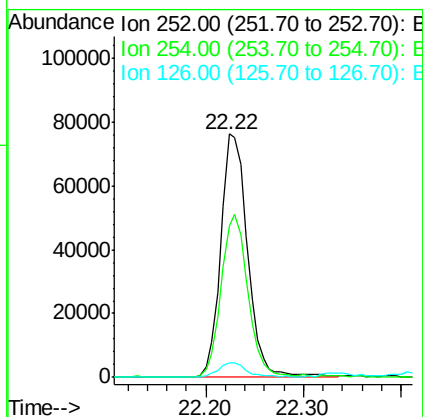
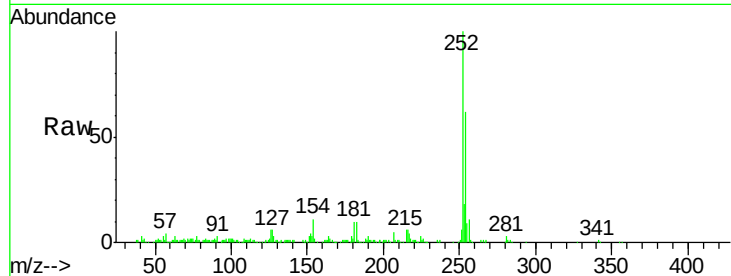
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.297 ng  
 RT: 22.22 min Scan# 3223  
 Delta R.T. -0.02 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.3  | 50.8  | 76.2  |
| 126     | 5.8   | 7.4   | 11.2  |

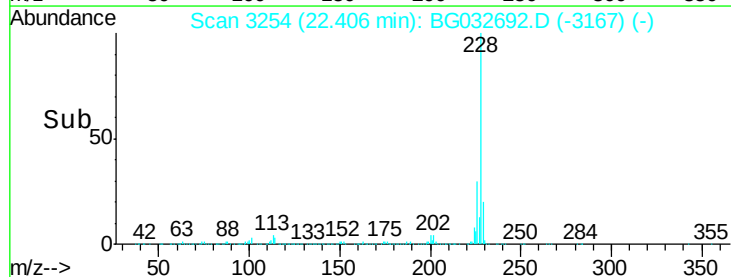
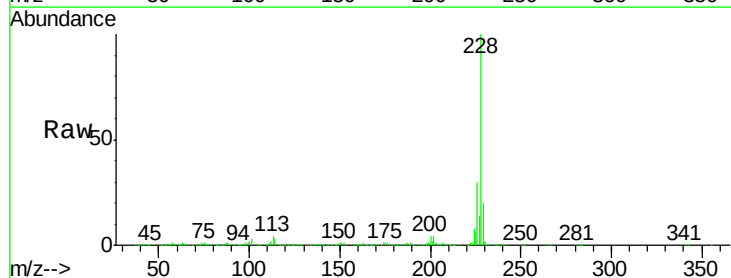
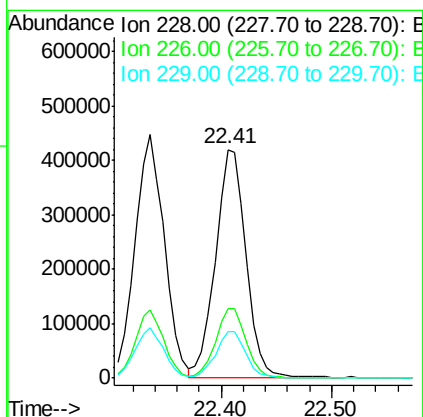
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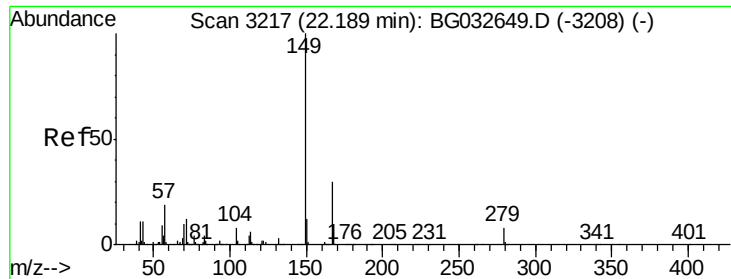
Sohil  
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#82  
 Chrysene  
 Concen: 39.813 ng  
 RT: 22.41 min Scan# 3254  
 Delta R.T. -0.02 min  
 Lab File: BG032692.D  
 Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.9  | 37.3  |
| 229     | 20.3  | 15.0  | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.716 ng

RT: 22.18 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

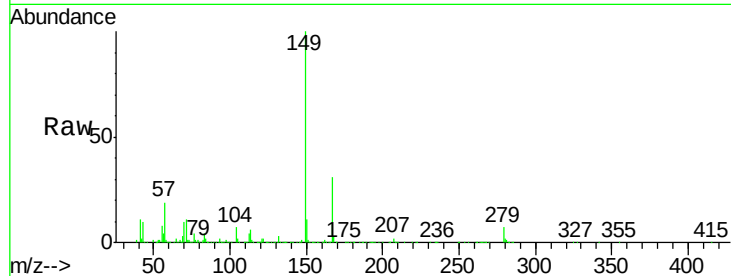
ClientSampleId :

PB106539BS

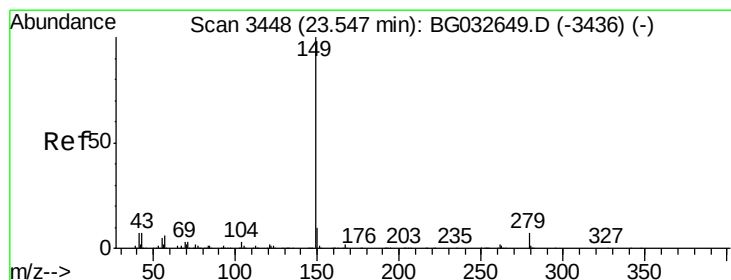
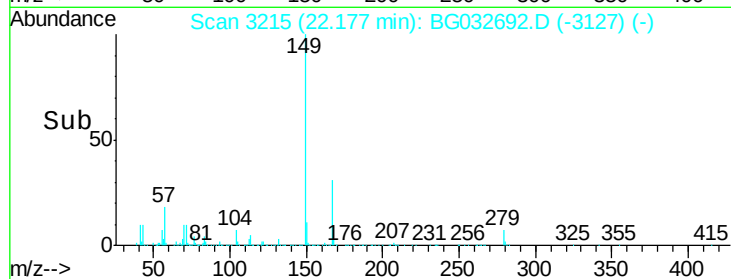
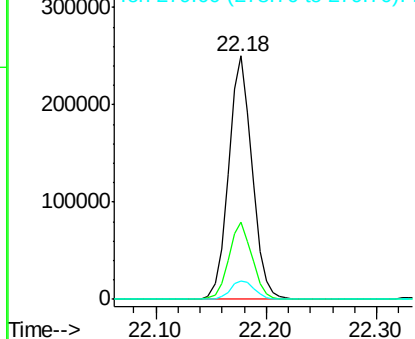
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 373293 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 31.5  | 24.3  | 36.5   |
| 279       | 7.4   | 4.0   | 6.0#   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.887 ng

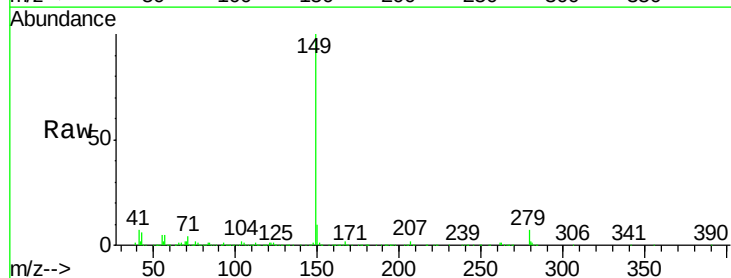
RT: 23.53 min Scan# 3445

Delta R.T. -0.02 min

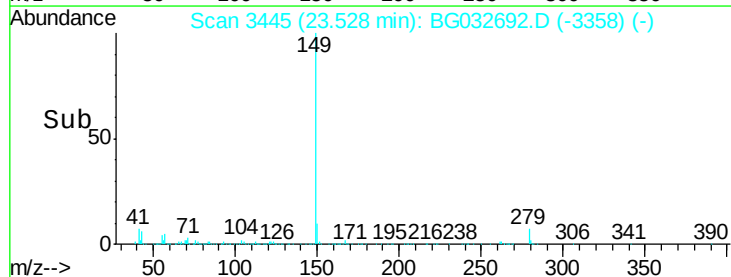
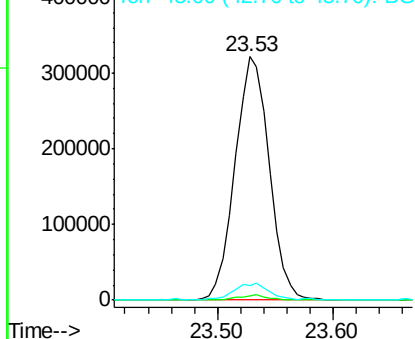
Lab File: BG032692.D

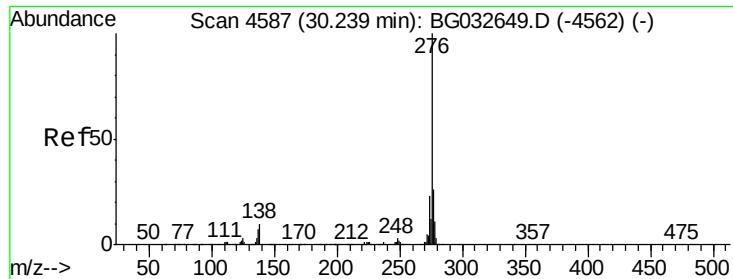
Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 660058 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.9   | 1.4   | 2.0    |
| 43        | 6.6   | 8.9   | 13.3#  |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BG





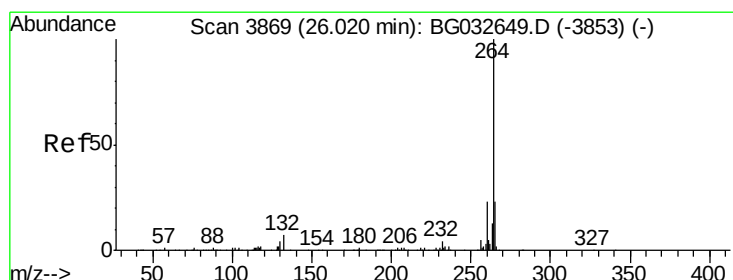
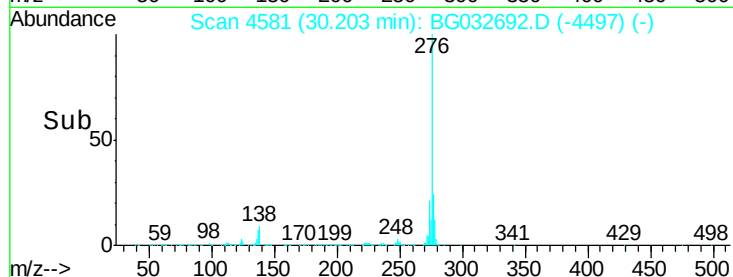
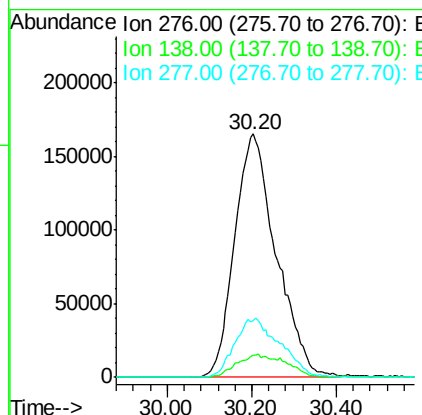
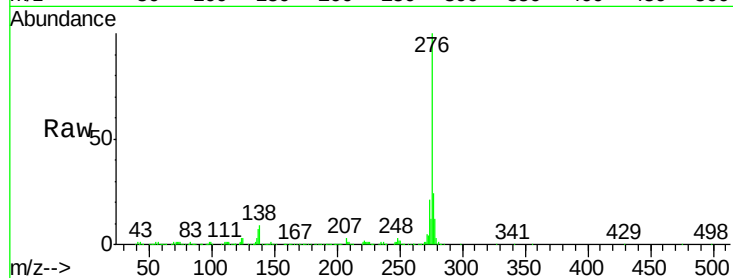
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 47.462 ng  
RT: 30.20 min Scan# 4581  
Delta R.T. -0.04 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

Tot Ion:276 Resp: 1126087  
Ion Ratio Lower Upper  
276 100  
138 11.3 16.0 24.0#  
277 26.4 20.0 30.0

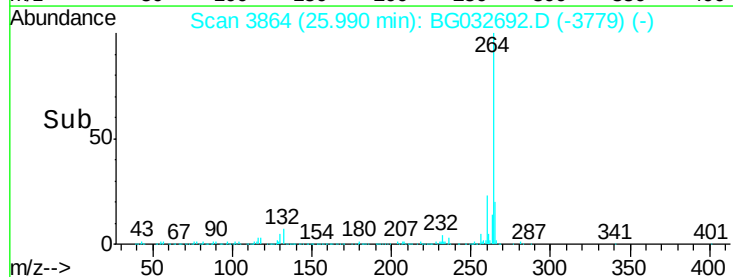
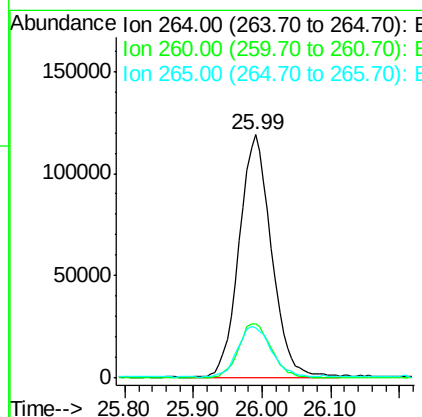
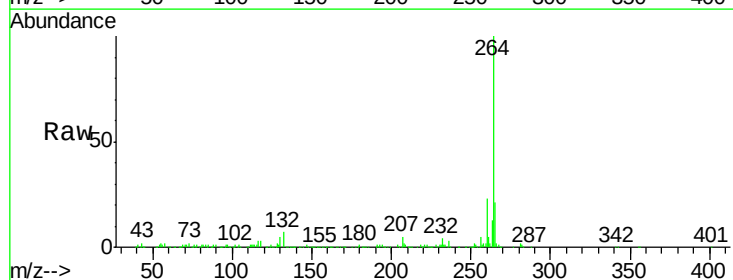
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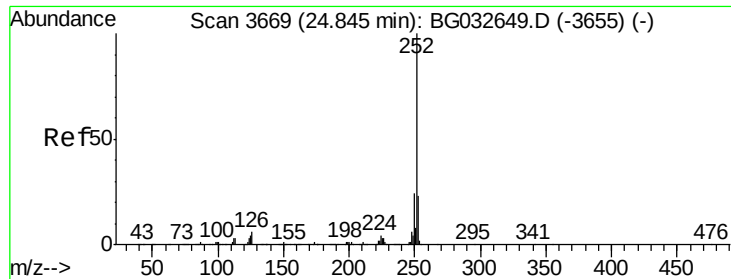
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2/15/2018 11:07:51 AM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.99 min Scan# 3864  
Delta R.T. -0.03 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Tgt Ion:264 Resp: 389286  
Ion Ratio Lower Upper  
264 100  
260 22.5 17.4 26.0  
265 20.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 31.697 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

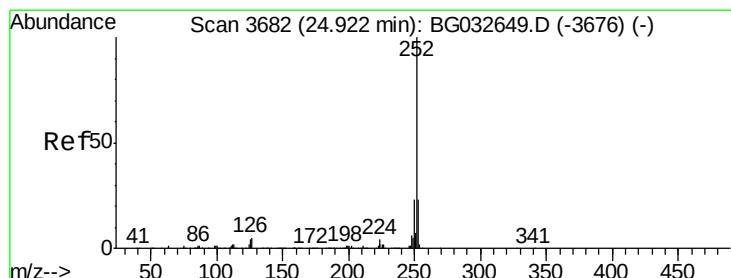
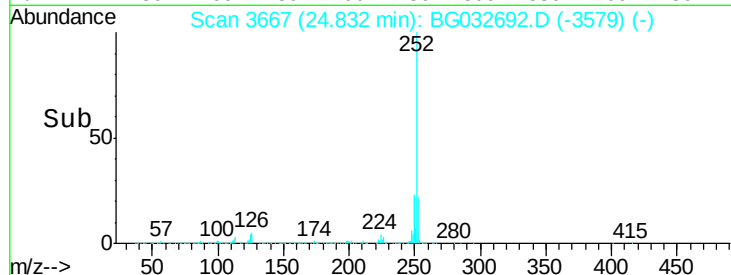
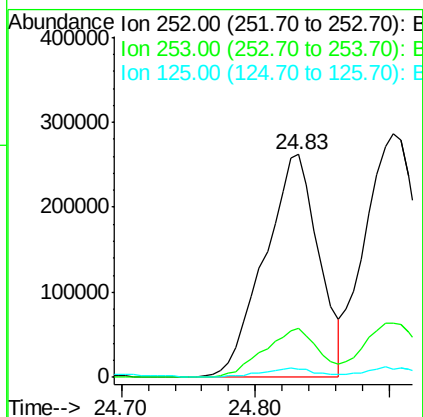
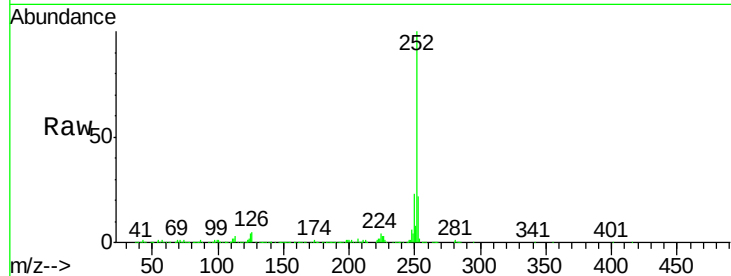
ClientSampleId :

PB106539BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 735355 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 18.2  | 27.4   |
| 125       | 3.7   | 7.2   | 10.8#  |

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#88

Benzo(k)fluoranthene

Concen: 34.047 ng

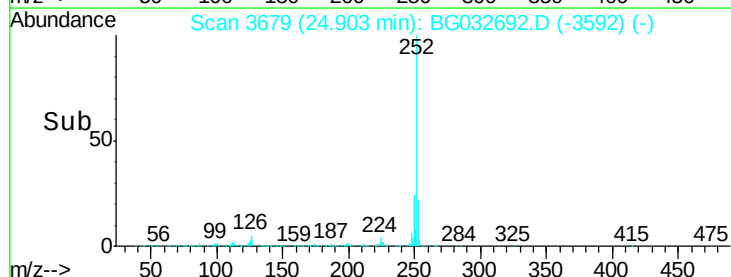
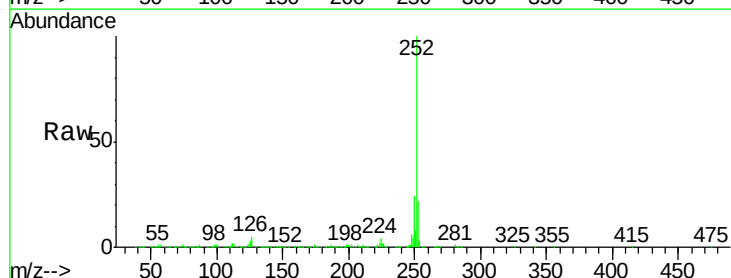
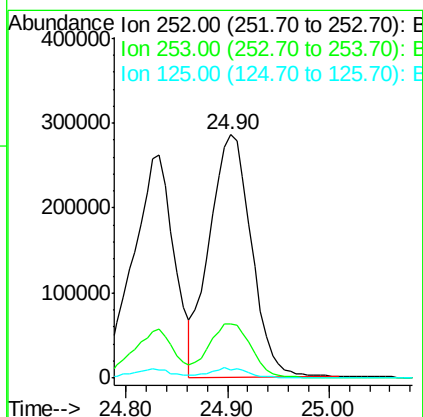
RT: 24.90 min Scan# 3679

Delta R.T. -0.02 min

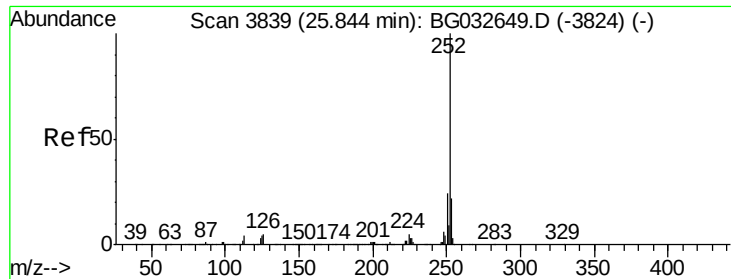
Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 817453 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 17.4  | 26.2   |
| 125       | 3.3   | 6.6   | 9.8#   |







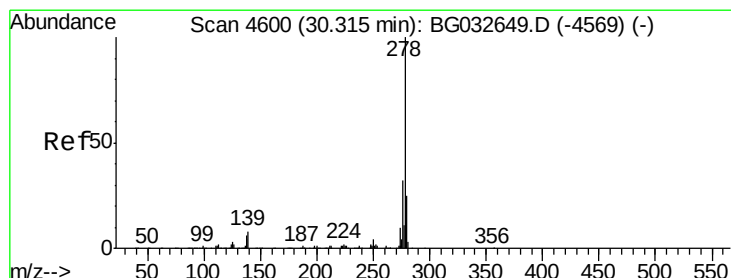
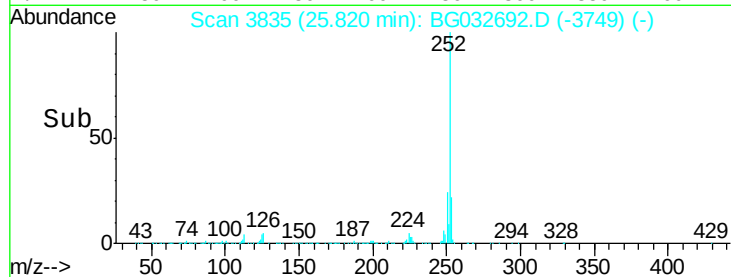
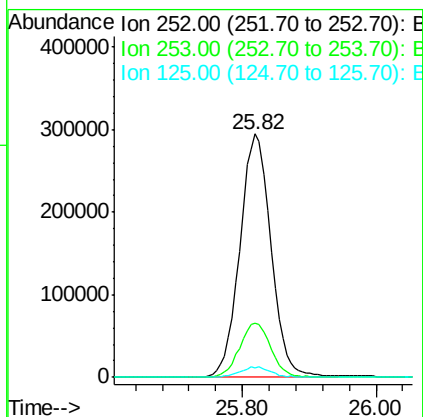
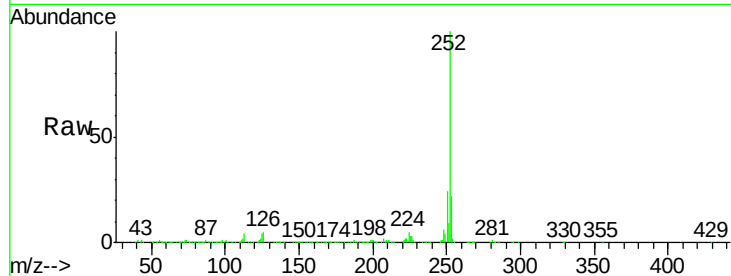
#89  
Benzo(a)pyrene  
Concen: 41.697 ng  
RT: 25.82 min Scan# 3835  
Delta R.T. -0.02 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.3  | 27.5  |
| 125     | 4.0   | 7.3   | 10.9# |

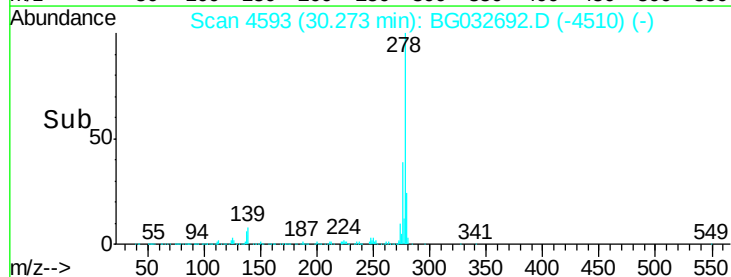
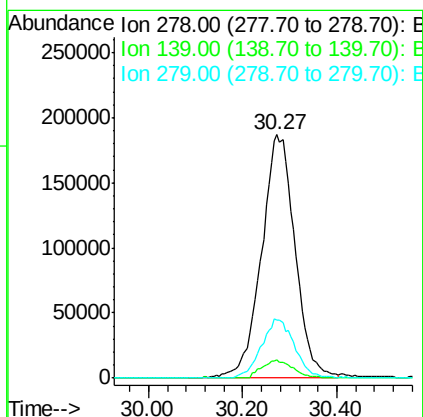
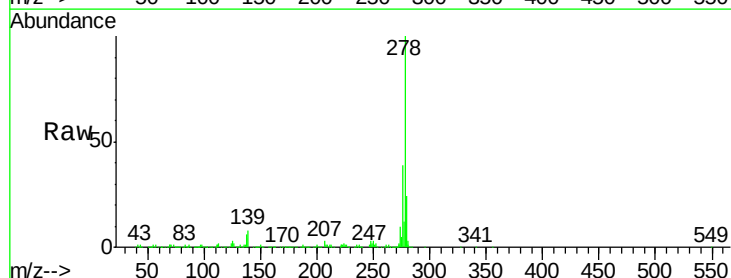
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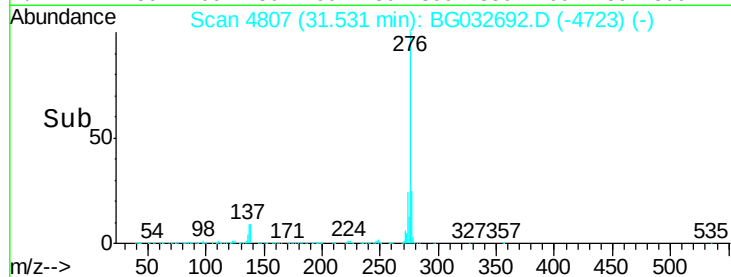
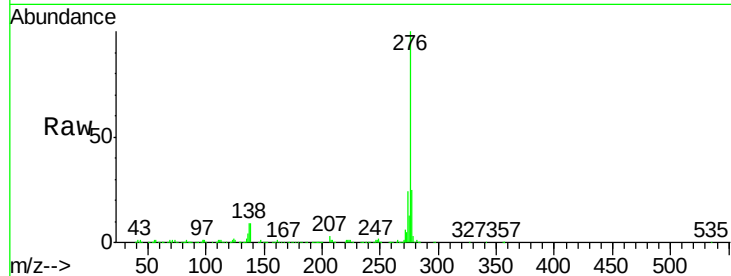
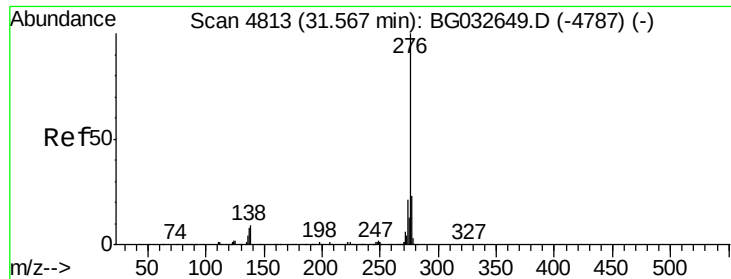
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.188 ng  
RT: 30.27 min Scan# 4593  
Delta R.T. -0.04 min  
Lab File: BG032692.D  
Acq: 14 Feb 2018 22:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.6   | 9.8   | 14.6# |
| 279     | 23.6  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 43.035 ng

RT: 31.53 min Scan# 4807

Delta R.T. -0.04 min

Lab File: BG032692.D

Acq: 14 Feb 2018 22:01

Instrument :

BNA\_G

ClientSampleId :

PB106539BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.2  | 18.3  | 27.5  |
| 138     | 9.4   | 13.9  | 20.9  |

Manual Integrations  
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