

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\  
 Data File : BG028948.D  
 Acq On : 27 Sep 2017 18:24  
 Operator : SJ/JU  
 Sample : PB102649BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

Manual Integrations  
 APPROVED

Sohil  
 9/28/2017 2:28:56 PM

Quant Time: Sep 28 02:36:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 23661    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 11.10 | 136  | 101846   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 14.90 | 164  | 80466    | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 17.65 | 188  | 240587   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 21.97 | 240  | 273144   | 20.00 | ng    | -0.07    |
| 86) Perylene-d12          | 25.42 | 264  | 283018   | 20.00 | ng    | -0.11    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.84  | 112 | 184524  | 128.68 | ng | -0.06 |
| 7) Phenol-d6             | 7.44  | 99  | 258190  | 119.59 | ng | -0.05 |
| 23) Nitrobenzene-d5      | 9.45  | 82  | 166870  | 78.38  | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 16.39 | 330 | 181799  | 136.60 | ng | -0.05 |
| 44) 2-Fluorobiphenyl     | 13.52 | 172 | 447662  | 74.18  | ng | -0.05 |
| 78) Terphenyl-d14        | 20.23 | 244 | 1002536 | 78.27  | ng | -0.05 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.77  | 88  | 17852  | 30.743 | ng | 92     |
| 3) Pyridine                    | 4.16  | 79  | 52407  | 31.638 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 4.08  | 42  | 30502  | 40.480 | ng | # 62   |
| 6) Aniline                     | 7.60  | 93  | 82642  | 32.890 | ng | 95     |
| 8) 2-Chlorophenol              | 7.84  | 128 | 64339  | 40.249 | ng | 95     |
| 9) Benzaldehyde                | 7.42  | 77  | 16292  | 12.163 | ng | 98     |
| 10) Phenol                     | 7.46  | 94  | 92485  | 40.590 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.68  | 93  | 58878  | 35.992 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.16  | 146 | 65565  | 38.090 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.31  | 146 | 68225  | 38.546 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.63  | 146 | 64384  | 36.819 | ng | 98     |
| 15) Benzyl Alcohol             | 8.52  | 79  | 62779  | 37.249 | ng | # 90   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45  | 112043 | 37.686 | ng | 95     |
| 17) 2-Methylphenol             | 8.72  | 107 | 61291  | 41.165 | ng | # 88   |
| 18) Hexachloroethane           | 9.36  | 117 | 24927  | 38.425 | ng | 87     |
| 19) n-Nitroso-di-n-propylamine | 9.08  | 70  | 57462  | 37.545 | ng | # 88   |
| 20) 3+4-Methylphenols          | 9.05  | 107 | 86047  | 41.318 | ng | 94     |
| 22) Acetophenone               | 9.10  | 105 | 105993 | 35.593 | ng | # 90   |
| 24) Nitrobenzene               | 9.49  | 77  | 85870  | 36.424 | ng | 96     |
| 25) Isophorone                 | 10.01 | 82  | 160407 | 37.236 | ng | 98     |
| 26) 2-Nitrophenol              | 10.20 | 139 | 35860  | 35.740 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.25 | 122 | 69183  | 37.722 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93  | 87556  | 37.427 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.75 | 162 | 71811  | 39.353 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.96 | 180 | 75941  | 36.480 | ng | 97     |
| 31) Naphthalene                | 11.15 | 128 | 205245 | 38.585 | ng | 99     |
| 32) Benzoic acid               | 10.39 | 122 | 30655  | 26.637 | ng | # 78   |
| 33) 4-Chloroaniline            | 11.27 | 127 | 47936  | 21.512 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.42 | 225 | 54712  | 35.683 | ng | 97     |
| 35) Caprolactam                | 12.03 | 113 | 31477m | 48.102 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 98378  | 41.425 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.74 | 142 | 163085 | 41.065 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.10 | 216 | 104781 | 31.670 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 87876  | 69.476 | ng | 96     |

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 BNA\_G  
 ClientSampleID :  
 PB102649BS

Manual Integrations  
 APPROVED

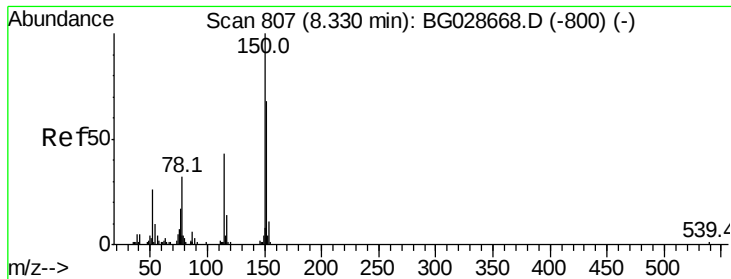
Sohil  
 9/28/2017 2:28:56 PM

Quant Time: Sep 28 02:36:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.34 | 196  | 73504    | 35.004 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.42 | 196  | 83060    | 39.364 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.73 | 154  | 230939   | 34.664 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.78 | 162  | 177885   | 36.607 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.98 | 65   | 78699    | 43.577 | ng    | 96       |
| 48) Acenaphthylene             | 14.62 | 152  | 296282   | 38.164 | ng    | 95       |
| 49) Dimethylphthalate          | 14.34 | 163  | 272846   | 40.437 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.47 | 165  | 62365    | 41.538 | ng    | 85       |
| 51) Acenaphthene               | 14.96 | 154  | 179020   | 37.960 | ng    | 91       |
| 52) 3-Nitroaniline             | 14.80 | 138  | 45686    | 34.409 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 15.02 | 184  | 59368    | 75.538 | ng    | 94       |
| 54) Dibenzofuran               | 15.29 | 168  | 326279   | 43.384 | ng    | 94       |
| 55) 4-Nitrophenol              | 15.12 | 139  | 85209    | 87.595 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.26 | 165  | 95872    | 45.413 | ng    | # 86     |
| 57) Fluorene                   | 15.94 | 166  | 277489   | 41.329 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.53 | 232  | 88061    | 47.353 | ng    | # 91     |
| 59) Diethylphthalate           | 15.69 | 149  | 294015   | 42.401 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.93 | 204  | 152716   | 39.944 | ng    | 91       |
| 61) 4-Nitroaniline             | 15.97 | 138  | 65925    | 46.868 | ng    | # 84     |
| 62) Azobenzene                 | 16.22 | 77   | 267837   | 45.927 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 16.03 | 198  | 57103    | 36.783 | ng    | 99       |
| 65) n-Nitrosodiphenylamine     | 16.14 | 169  | 254347   | 36.879 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.82 | 248  | 113339   | 36.612 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.95 | 284  | 119620   | 33.951 | ng    | # 89     |
| 68) Atrazine                   | 17.08 | 200  | 115894   | 39.136 | ng    | 97       |
| 69) Pentachlorophenol          | 17.30 | 266  | 113572   | 71.342 | ng    | 98       |
| 70) Phenanthrene               | 17.69 | 178  | 490095m  | 39.835 | ng    |          |
| 71) Anthracene                 | 17.78 | 178  | 499733   | 40.209 | ng    | 97       |
| 72) Carbazole                  | 18.05 | 167  | 444844   | 39.742 | ng    | # 93     |
| 73) Di-n-butylphthalate        | 18.58 | 149  | 532931   | 38.830 | ng    | # 94     |
| 74) Fluoranthene               | 19.69 | 202  | 624219   | 41.553 | ng    | 92       |
| 76) Benzidine                  | 19.87 | 184  | 160870   | 22.711 | ng    | # 93     |
| 77) Pyrene                     | 20.05 | 202  | 646326   | 41.023 | ng    | 95       |
| 79) Butylbenzylphthalate       | 20.91 | 149  | 248579   | 39.067 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.95 | 228  | 673064   | 40.937 | ng    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.85 | 252  | 189924   | 28.491 | ng    | # 96     |
| 82) Chrysene                   | 22.02 | 228  | 623368   | 39.959 | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.80 | 149  | 346723   | 38.329 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 23.09 | 149  | 600729   | 38.009 | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.39 | 276  | 775994   | 38.715 | ng    | # 99     |
| 87) Benzo(b)fluoranthene       | 24.32 | 252  | 687908   | 40.570 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 24.39 | 252  | 648742   | 38.303 | ng    | 93       |
| 89) Benzo(a)pyrene             | 25.26 | 252  | 648918   | 40.319 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.45 | 278  | 664696   | 39.613 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.64 | 276  | 652674   | 39.864 | ng    | 99       |

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





#1

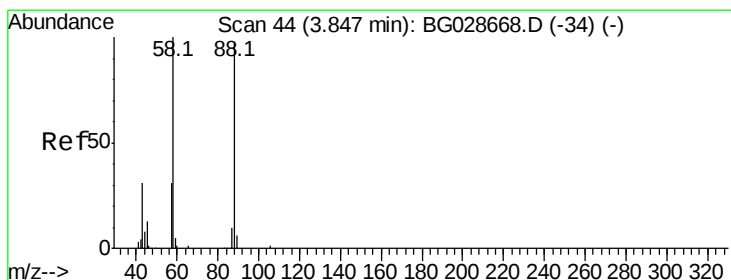
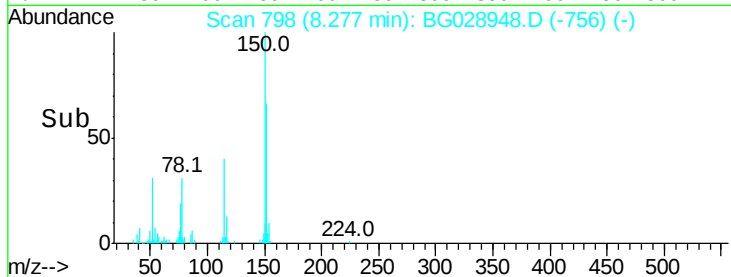
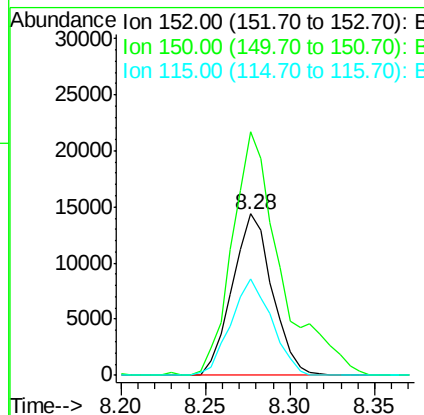
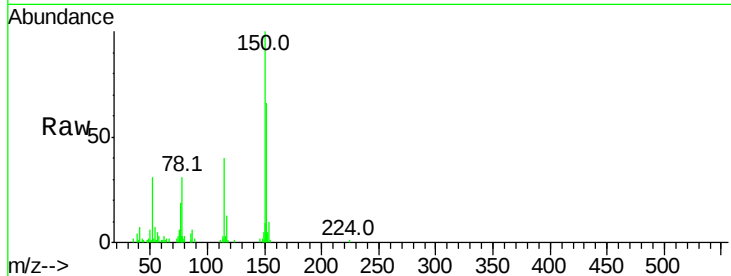
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.28 min Scan# 798  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampled :  
PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.9 | 114.0 | 171.0 |
| 115     | 59.9  | 48.1  | 72.1  |

Manual Integrations  
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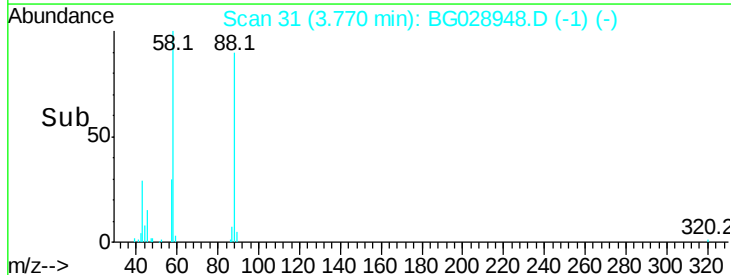
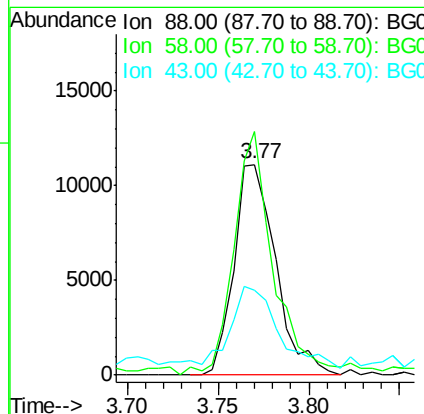
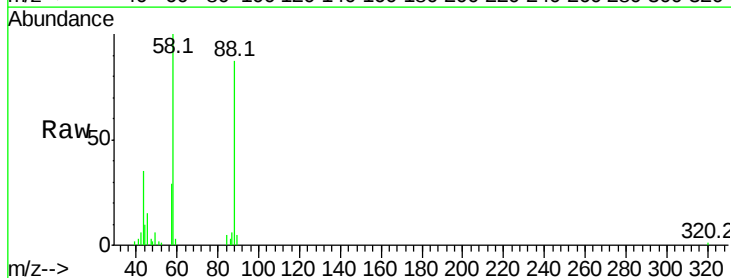
Sohil  
9/28/2017 2:28:56 PM



#2

1,4-Dioxane  
Concen: 30.743 ng  
RT: 3.77 min Scan# 31  
Delta R.T. -0.08 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 108.0 | 79.4  | 119.2 |
| 43      | 45.7  | 33.8  | 50.6  |





#3

Pvridine

Concen: 31.638 ng

RT: 4.16 min Scan# 98

Delta R.T. -0.08 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

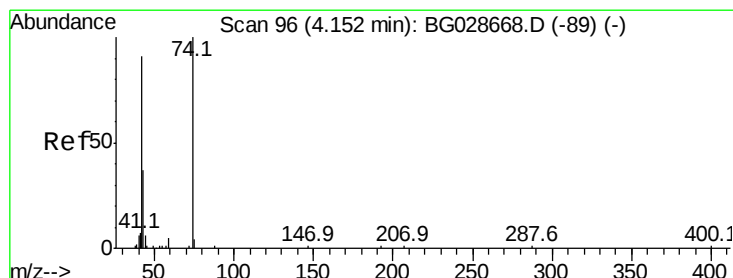
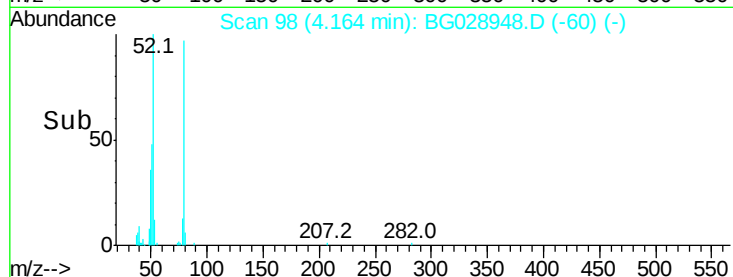
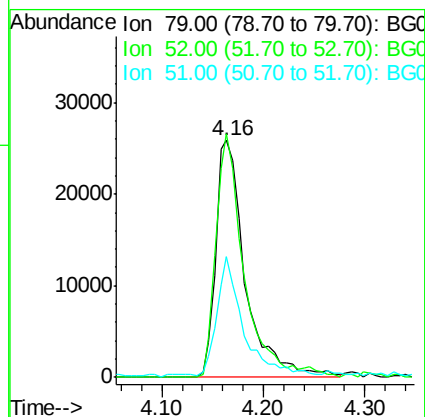
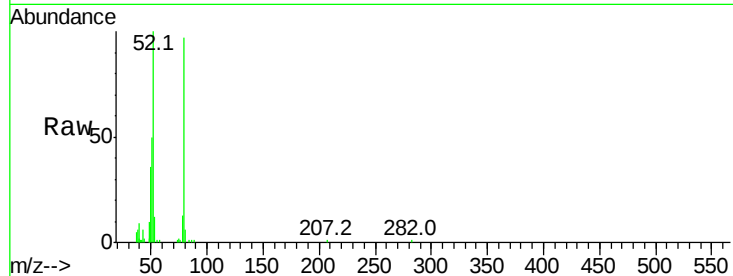
ClientSampleId :

PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 102.7 | 77.8  | 116.6 |
| 51      | 51.2  | 43.2  | 64.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.480 ng

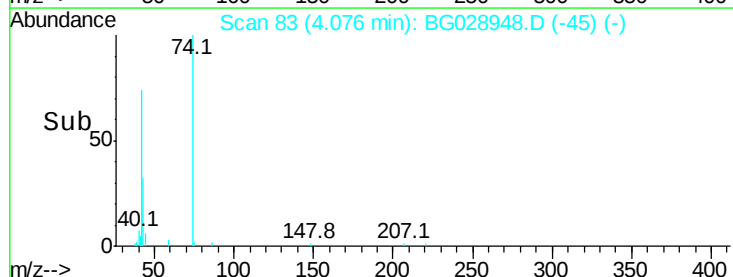
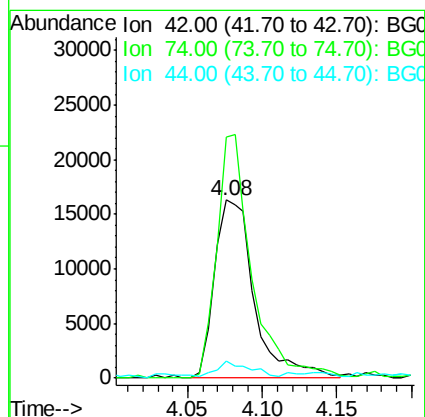
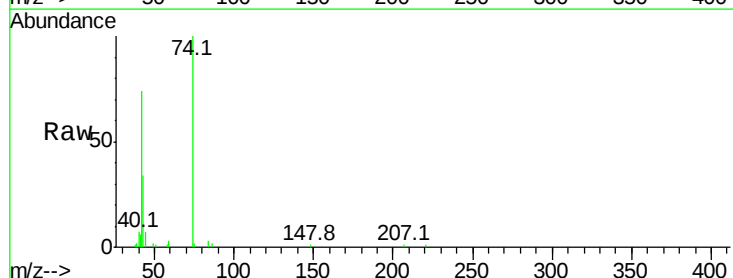
RT: 4.08 min Scan# 83

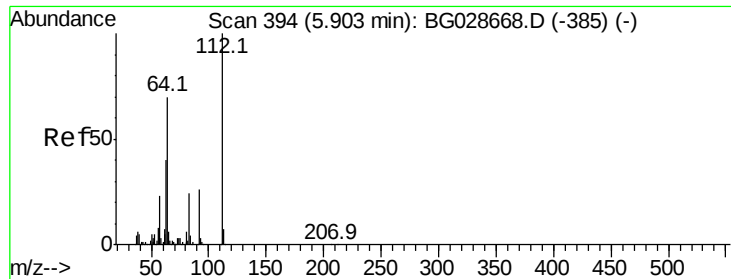
Delta R.T. -0.08 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 135.6 | 76.7  | 115.1# |
| 44      | 9.8   | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 128.682 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

ClientSampled :

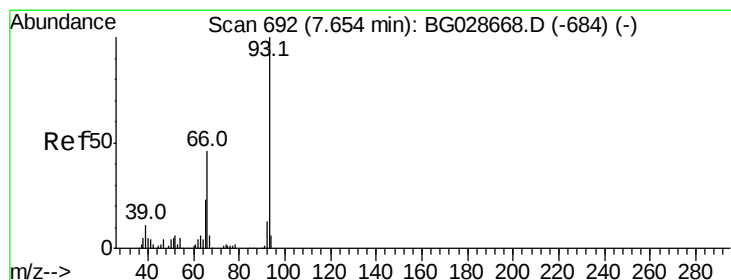
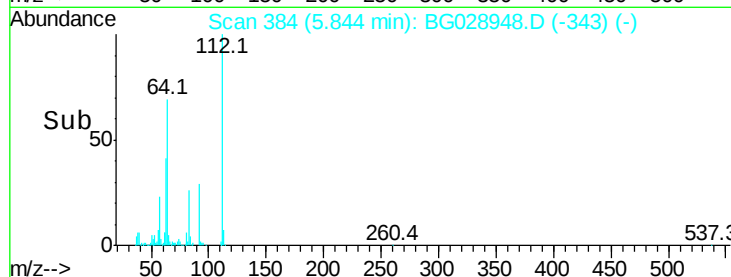
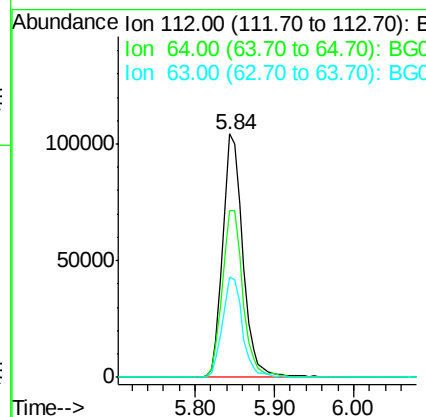
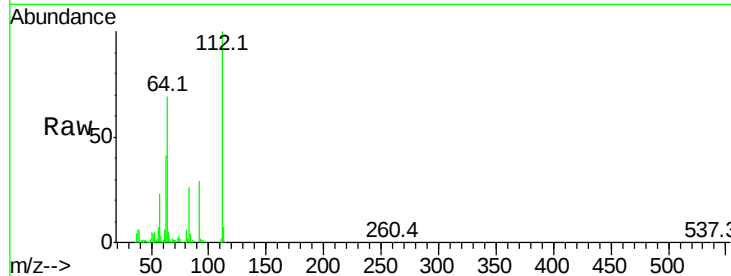
PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 184524 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.7  | 61.8  | 92.6   |
| 63        | 41.3  | 37.2  | 55.8   |

Manual Integrations  
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#6

Aniline

Concen: 32.890 ng

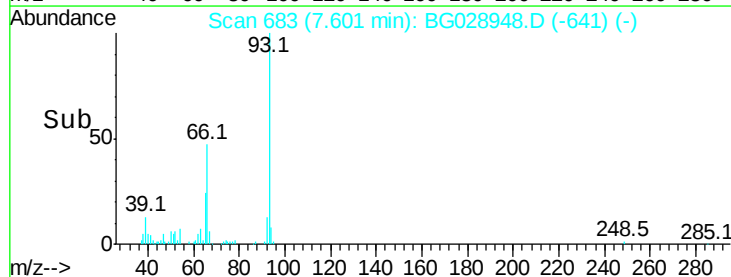
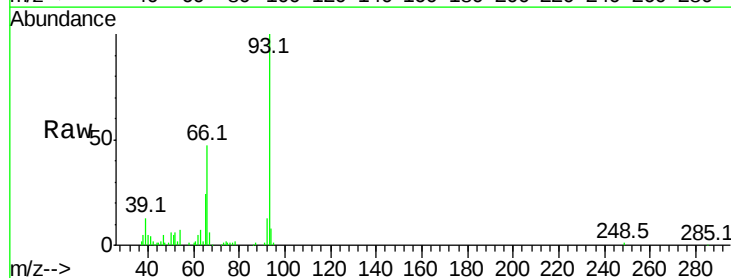
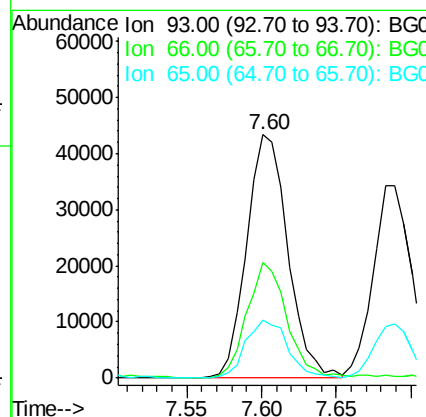
RT: 7.60 min Scan# 683

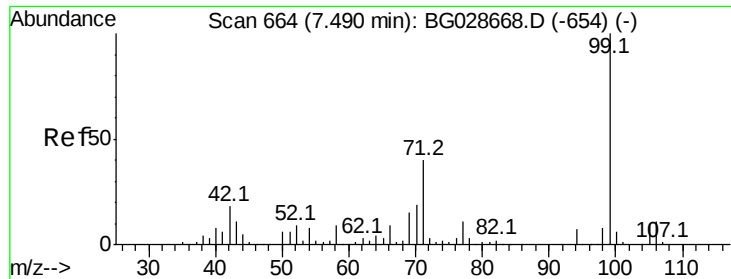
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 82642 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.2  | 35.4  | 53.2  |
| 65        | 23.8  | 21.2  | 31.8  |





#7

Phenol-d6

Concen: 119.588 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

ClientSampleId :

PB102649BS

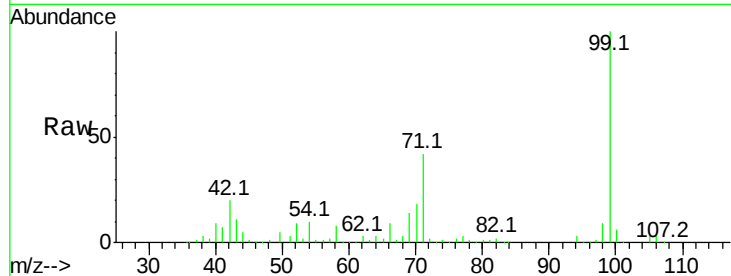
Tot Ion: 99 Resp: 258190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.1  | 20.5  | 30.7# |
| 71  | 42.4  | 37.6  | 56.4  |

Manual Integrations  
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9/28/2017 2:28:56 PM

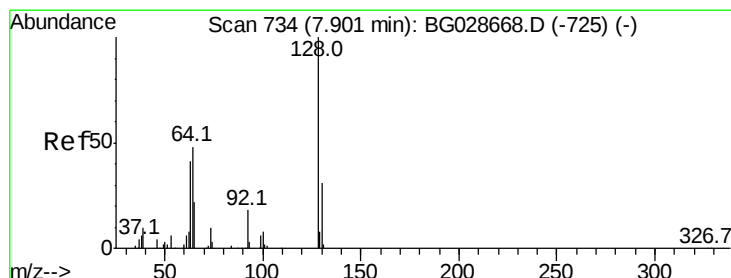
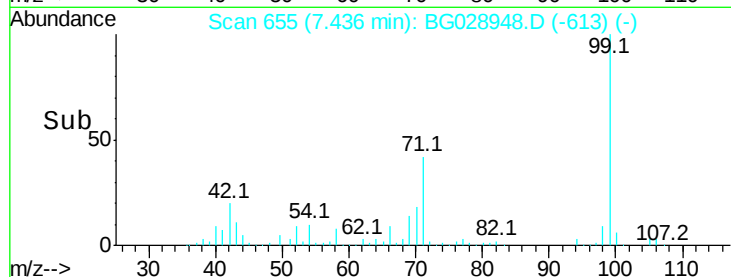
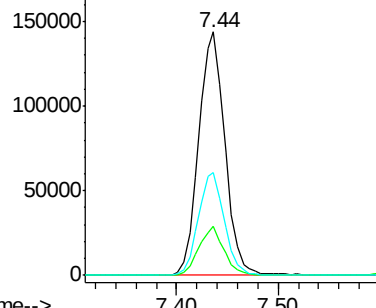


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.249 ng

RT: 7.84 min Scan# 724

Delta R.T. -0.06 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Tgt Ion: 128 Resp: 64339

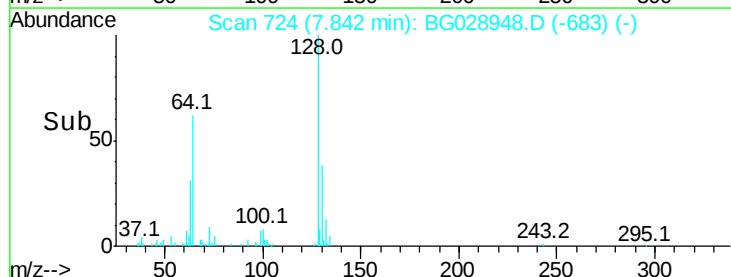
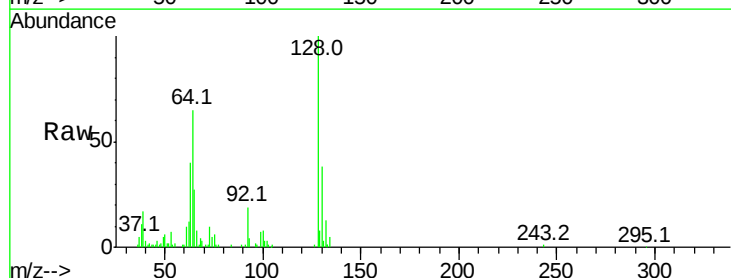
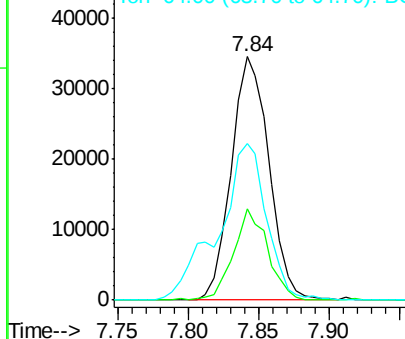
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 37.7  | 11.4  | 51.4  |
| 64  | 64.5  | 46.6  | 86.6  |

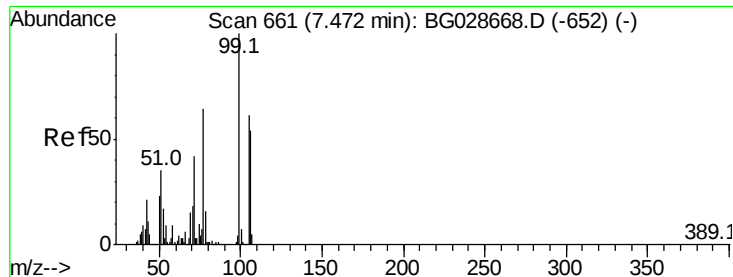
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.163 ng

RT: 7.42 min Scan# 653

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

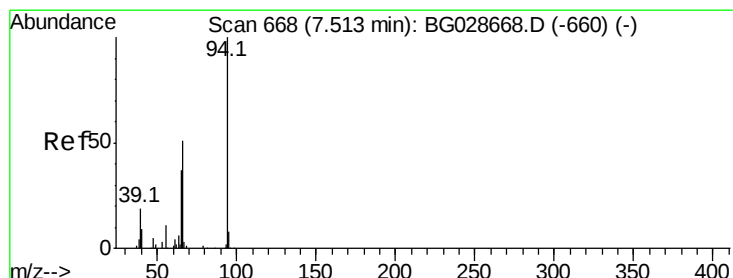
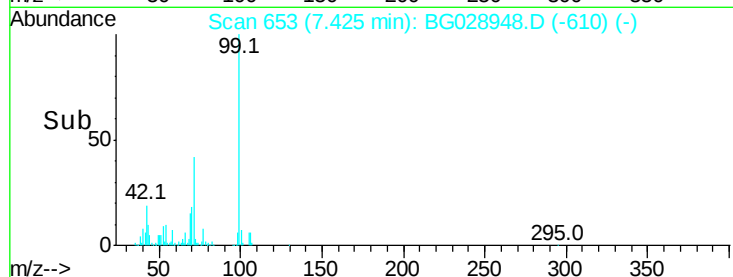
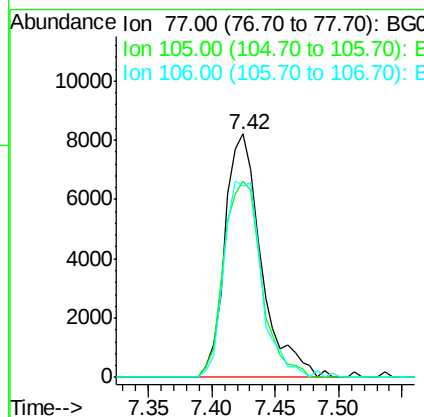
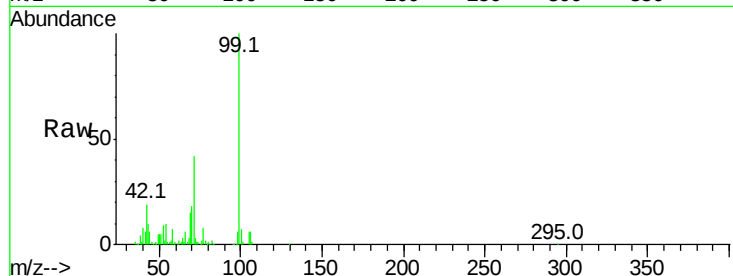
ClientSampleId :

PB102649BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 16292 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 80.7  | 60.9  | 100.9 |
| 106       | 78.7  | 55.1  | 95.1  |

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#10

Phenol

Concen: 40.590 ng

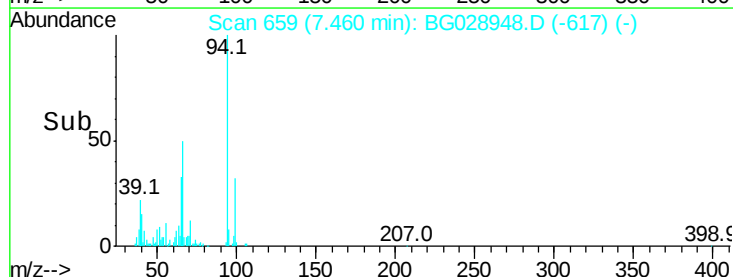
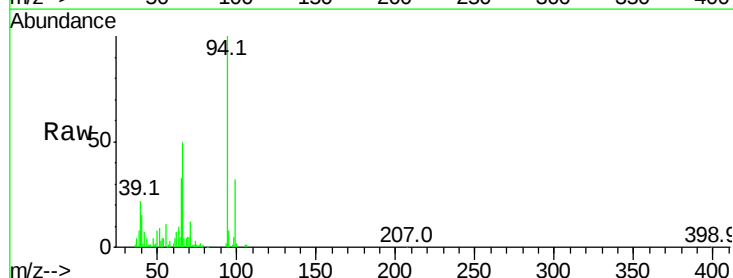
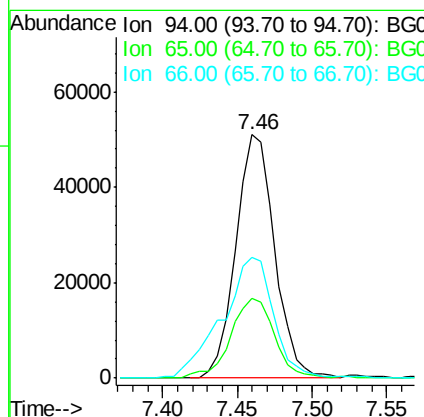
RT: 7.46 min Scan# 659

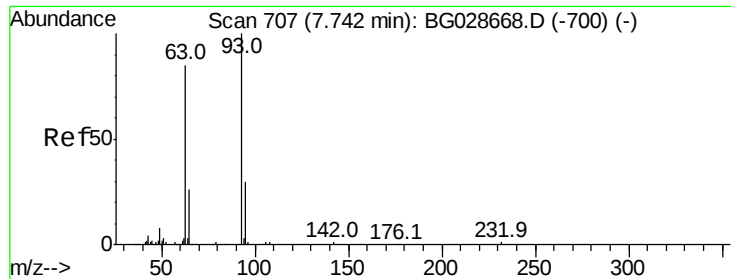
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 92485 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 32.8  | 20.6  | 60.6  |
| 66        | 49.8  | 35.5  | 75.5  |





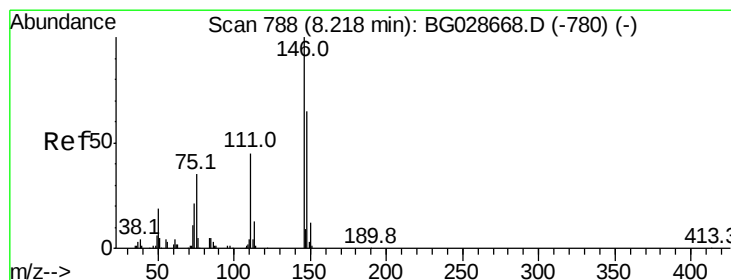
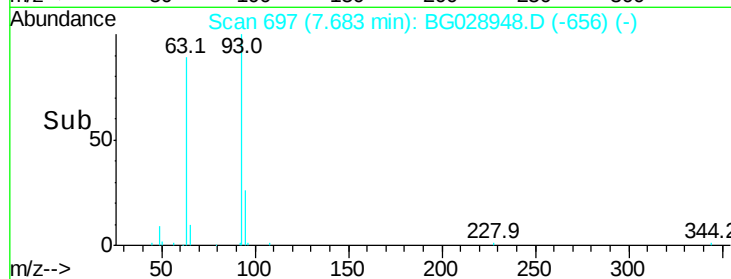
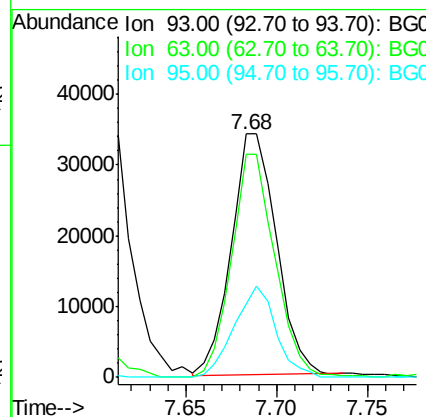
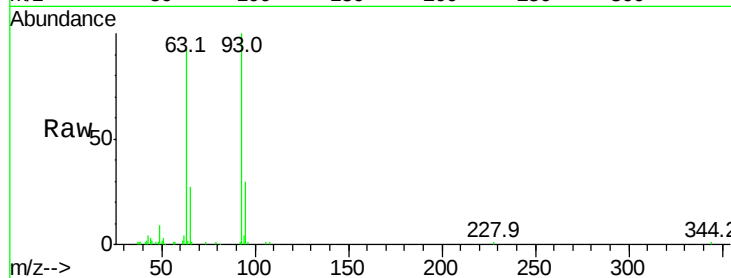
#11  
bis(2-Chloroethyl)ether  
Concen: 35.992 ng  
RT: 7.68 min Scan# 697  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | 93    | Resp  | 58878 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 93      | 100   |       |       |
| 63      | 91.8  | 78.5  | 118.5 |
| 95      | 30.2  | 9.8   | 49.8  |

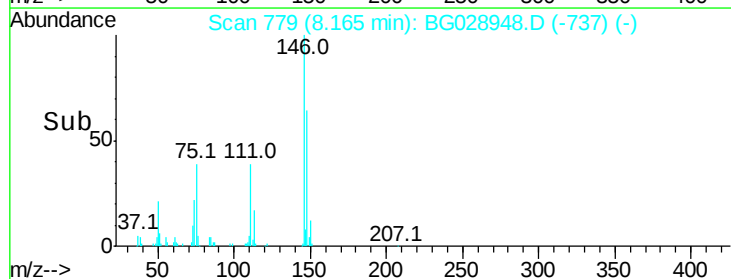
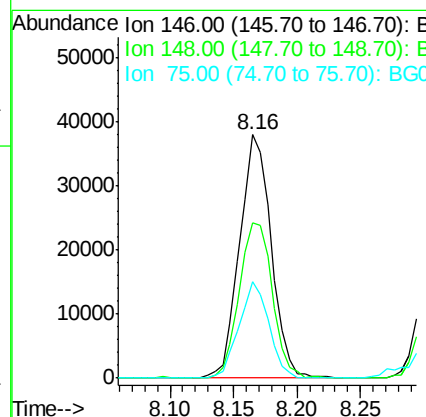
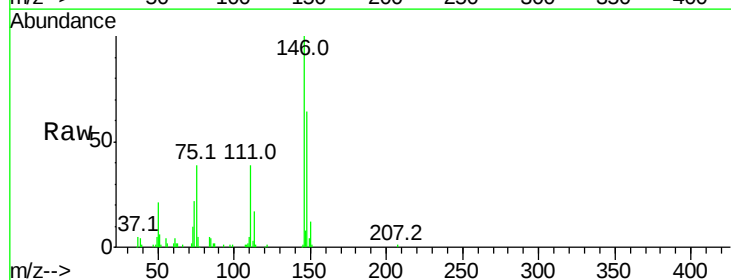
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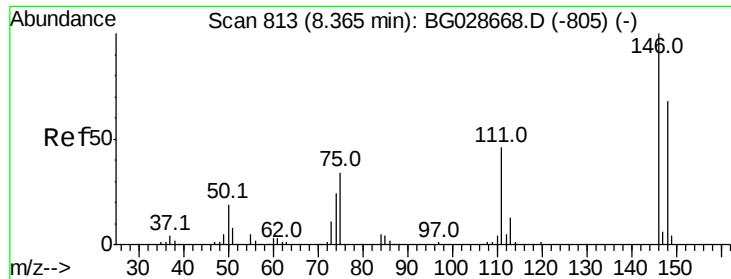
Sohil  
9/28/2017 2:28:56 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.090 ng  
RT: 8.16 min Scan# 779  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | 146   | Resp  | 65565 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 146     | 100   |       |       |
| 148     | 64.0  | 49.2  | 73.8  |
| 75      | 39.5  | 33.4  | 50.2  |





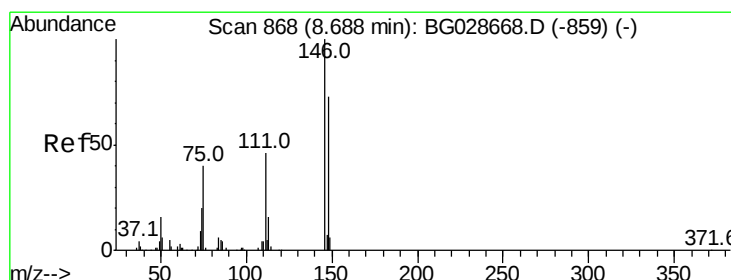
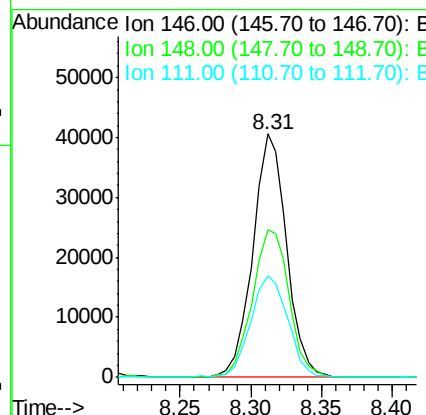
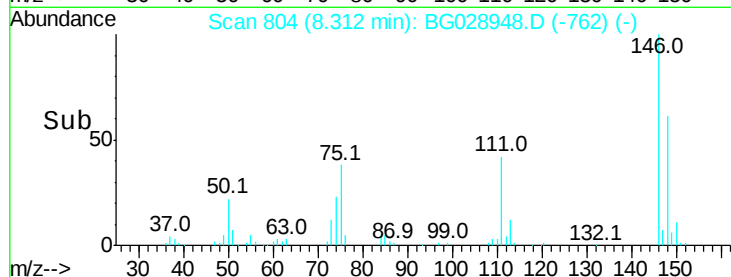
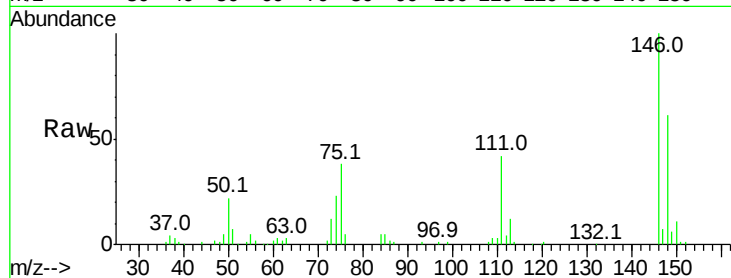
#13  
 1,4-Dichlorobenzene  
 Concen: 38.546 ng  
 RT: 8.31 min Scan# 804  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.5  | 52.2  | 78.2  |
| 111     | 41.8  | 37.0  | 55.6  |

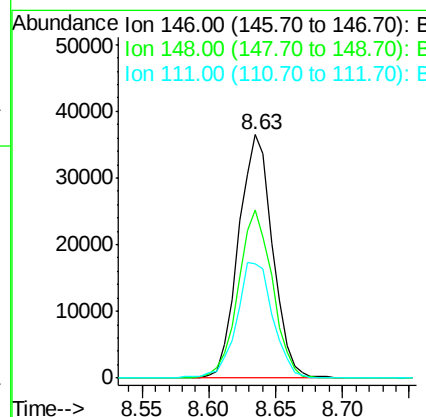
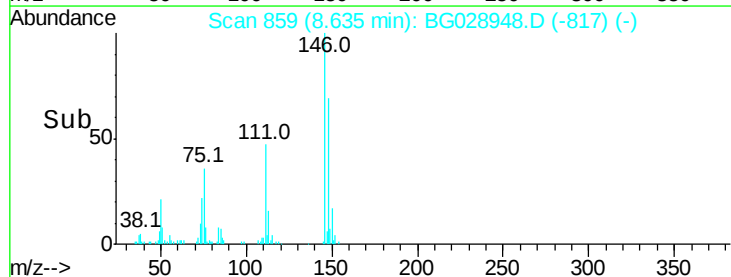
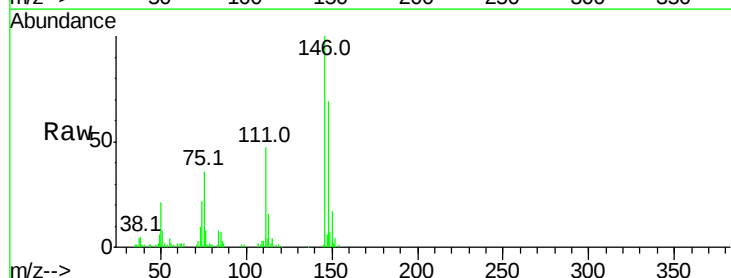
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.819 ng  
 RT: 8.63 min Scan# 859  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.1  | 54.6  | 81.8  |
| 111     | 47.0  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 37.249 ng

RT: 8.52 min Scan# 839

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

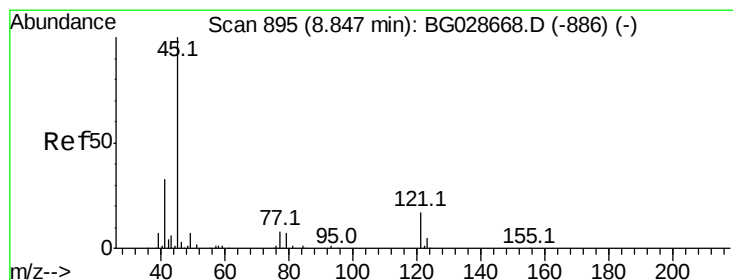
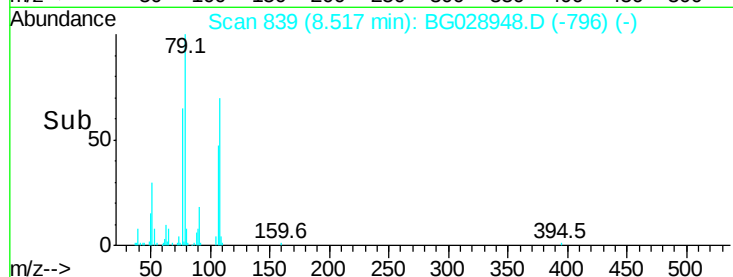
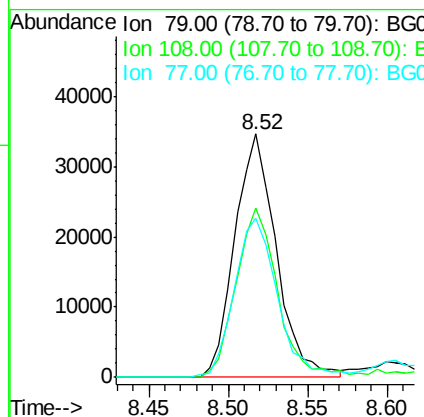
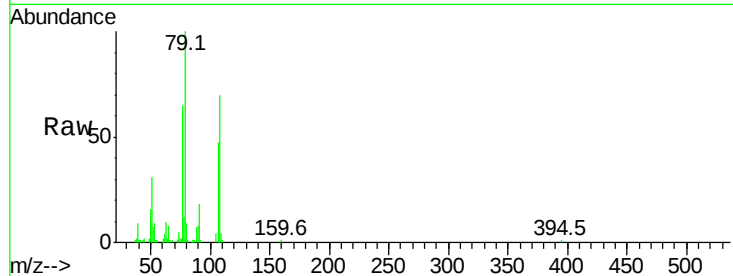
ClientSampleId :

PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.7  | 45.5  | 68.3# |
| 77      | 65.5  | 54.3  | 81.5  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.686 ng

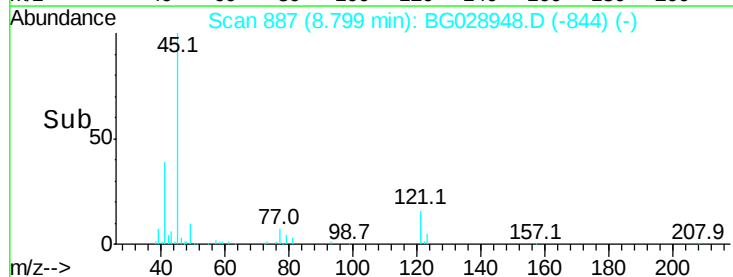
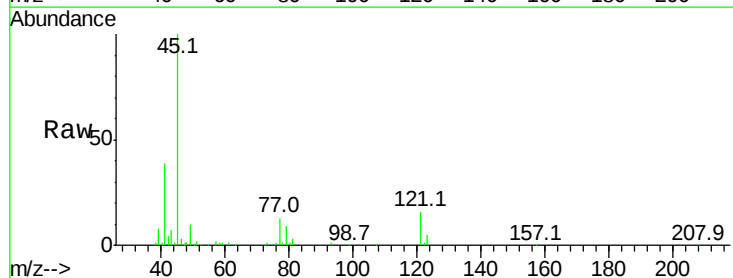
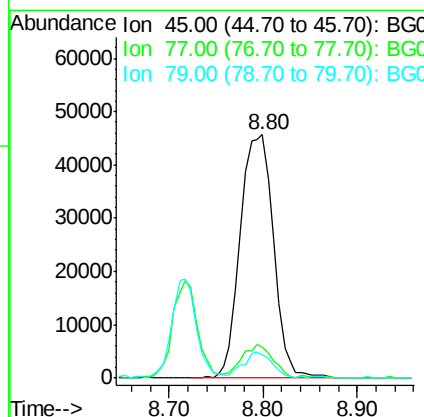
RT: 8.80 min Scan# 887

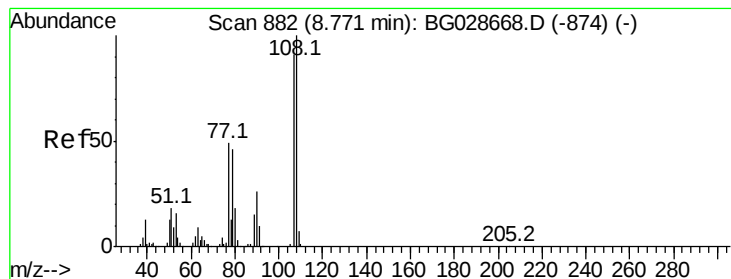
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.0  | 0.0   | 30.6  |
| 79      | 9.5   | 0.0   | 28.5  |





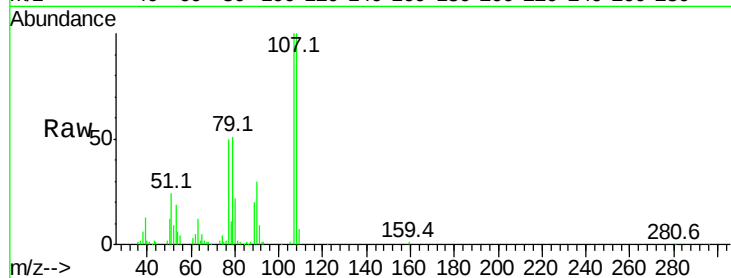
#17  
2-Methylphenol  
Concen: 41.165 ng  
RT: 8.72 min Scan# 873  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampled :  
PB102649BS

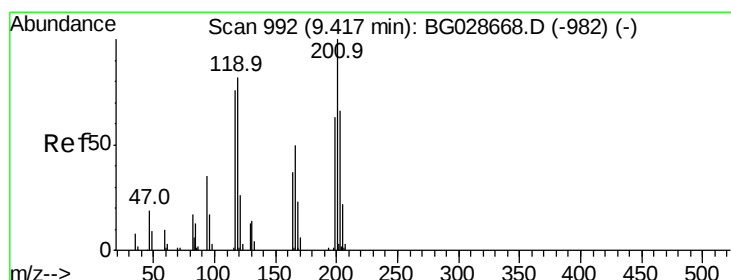
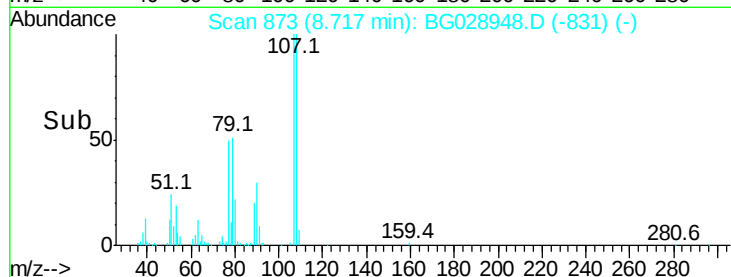
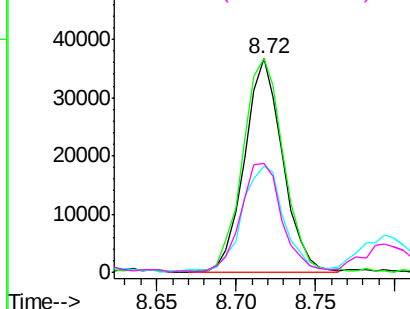
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 61291 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 99.9  | 85.6  | 128.4 |
| 77        | 49.9  | 51.4  | 77.2# |
| 79        | 50.8  | 49.2  | 73.8  |

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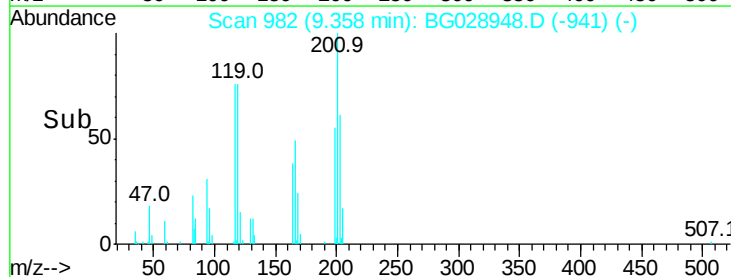
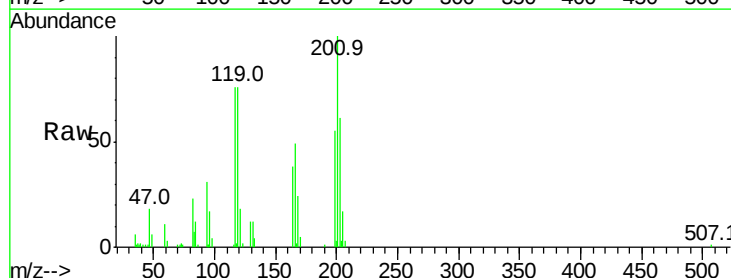
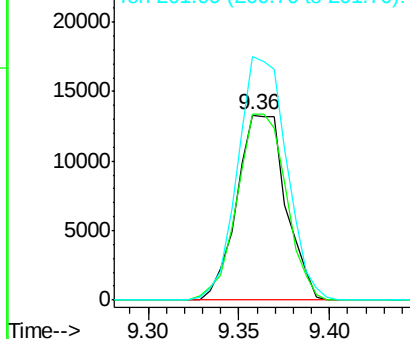
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

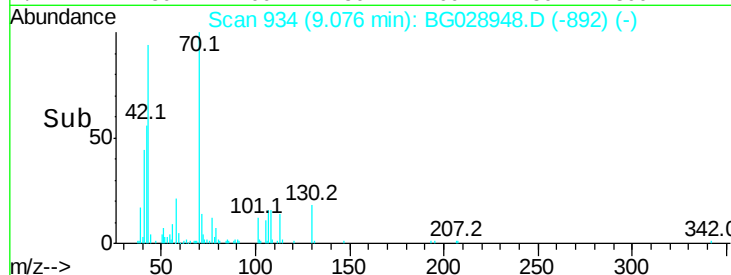
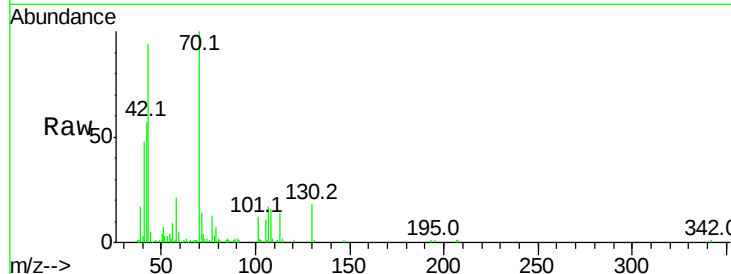
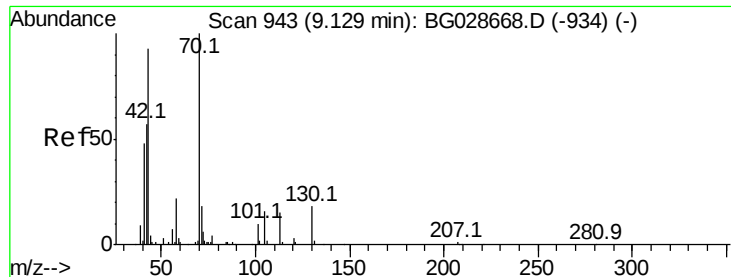


#18  
Hexachloroethane  
Concen: 38.425 ng  
RT: 9.36 min Scan# 982  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 24927 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 100.5 | 69.8  | 104.6 |
| 201       | 131.8 | 95.4  | 143.0 |

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





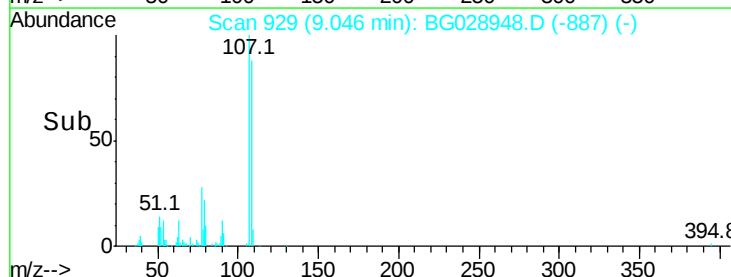
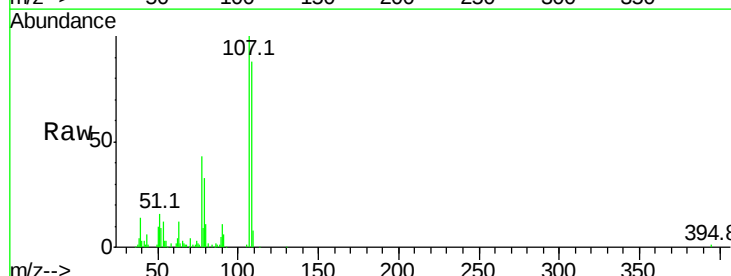
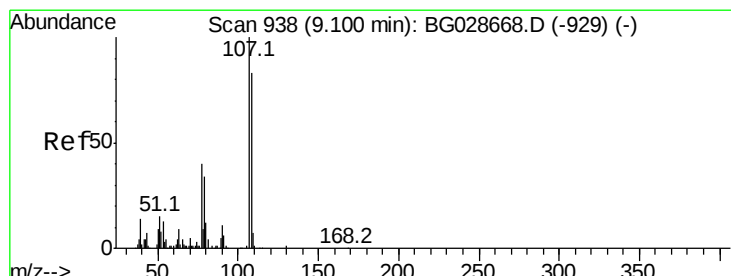
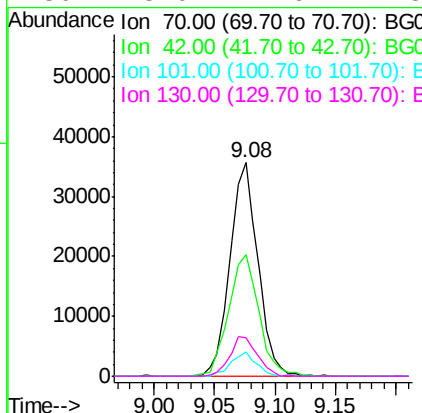
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.545 ng  
RT: 9.08 min Scan# 934  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 56.8 | 56.1  | 84.1 |       |       |
| 101     | 11.5 | 7.5   | 11.3 |       |       |
| 130     | 18.0 | 14.6  | 21.8 |       |       |

Instrument :  
BNA\_G  
ClientSampled :  
PB102649BS

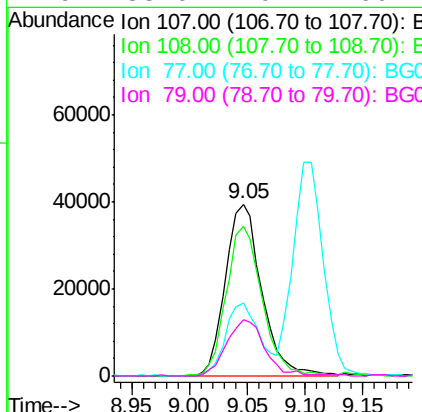
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#20  
3+4-Methylphenols  
Concen: 41.318 ng  
RT: 9.05 min Scan# 929  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 87.6 | 70.8  | 110.8 |       |       |
| 77      | 42.6 | 25.8  | 65.8  |       |       |
| 79      | 33.0 | 20.1  | 60.1  |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

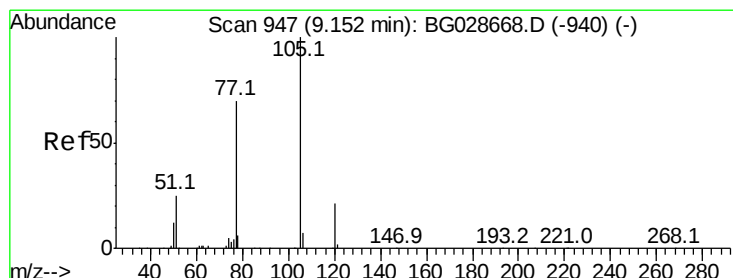
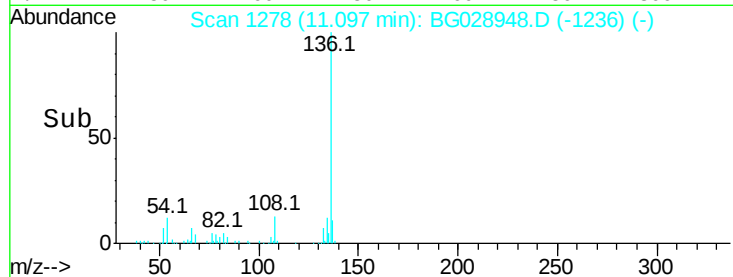
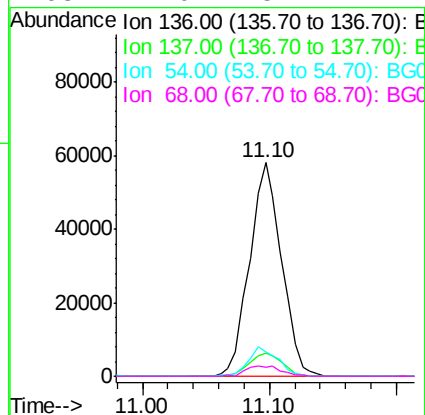
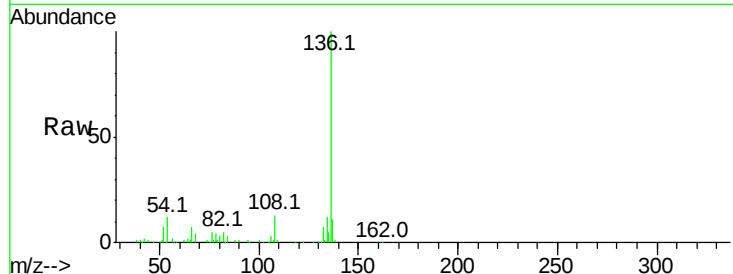
ClientSampleId :

PB102649BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 11.5  | 9.3  | 13.9  |       |
| 68      | 4.0   | 5.1  | 7.7   |       |

Manual Integrations  
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#22

Acetophenone

Concen: 35.593 ng

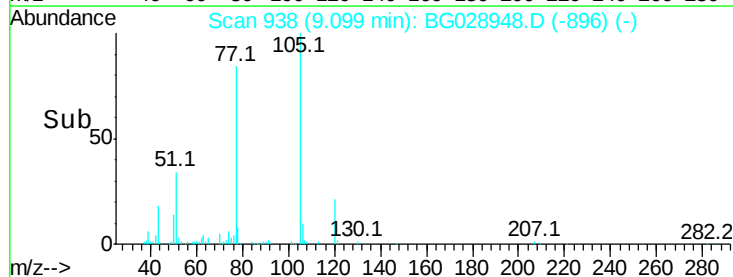
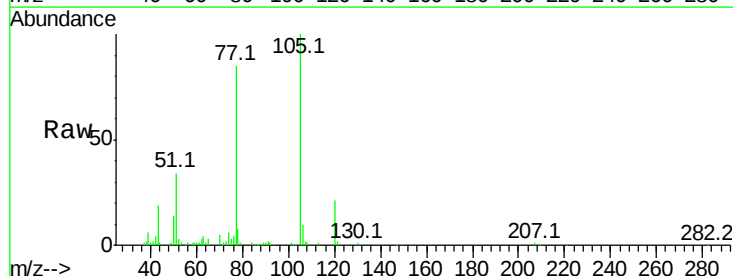
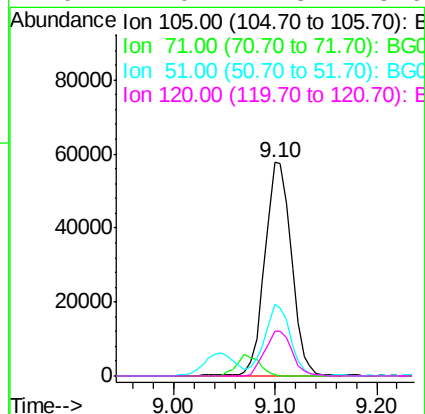
RT: 9.10 min Scan# 938

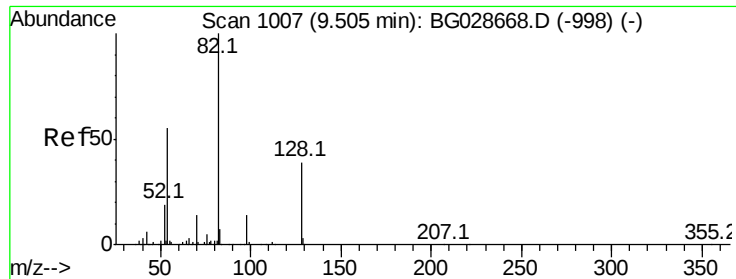
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.4   | 0.9  | 1.3   |       |
| 51      | 33.5  | 34.0 | 51.0  |       |
| 120     | 21.0  | 17.3 | 25.9  |       |





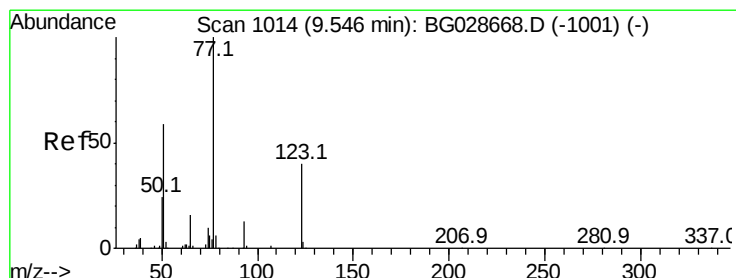
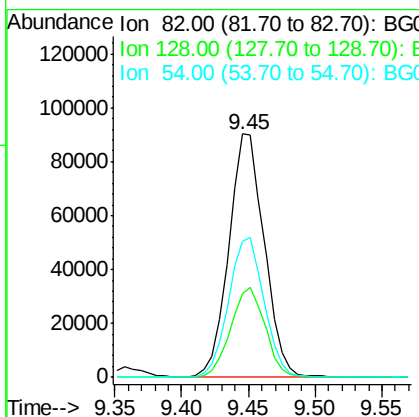
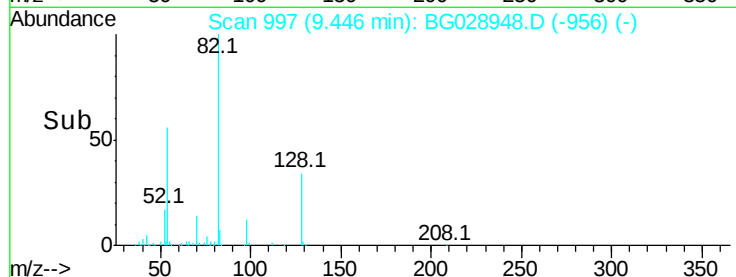
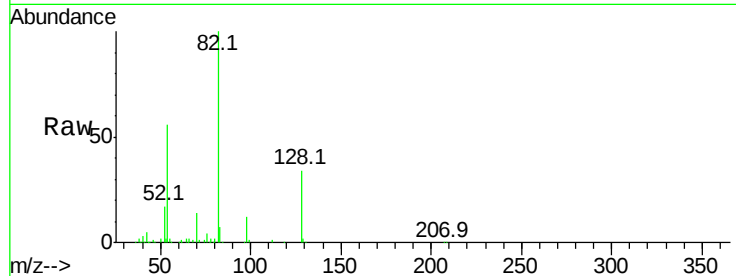
#23  
Nitrobenzene-d5  
Concen: 78.379 ng  
RT: 9.45 min Scan# 997  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 166870 |       |       |
| 128     | 34.3  | 26.4   | 39.6  |       |
| 54      | 55.9  | 49.4   | 74.2  |       |

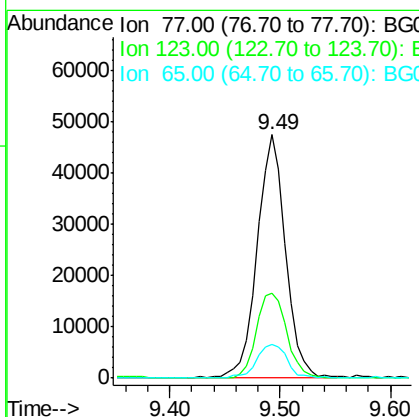
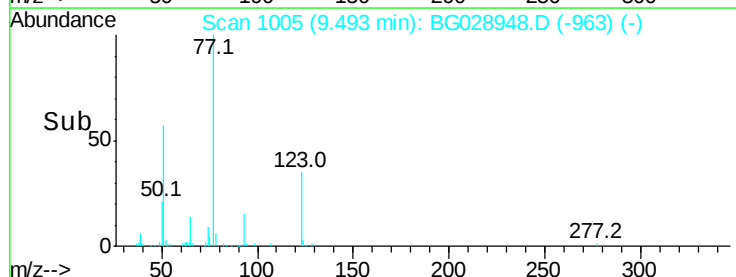
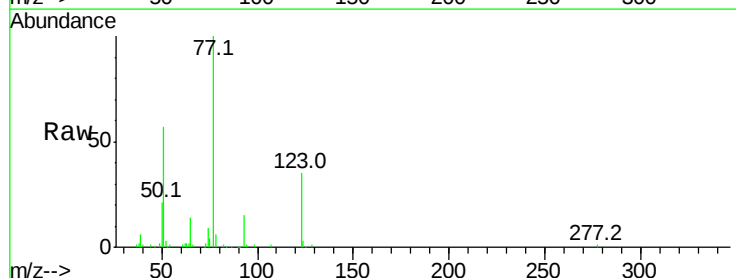
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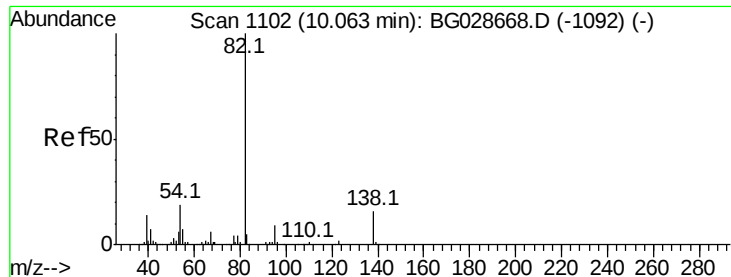
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#24  
Nitrobenzene  
Concen: 36.424 ng  
RT: 9.49 min Scan# 1005  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 85870 |       |       |
| 123     | 34.7  | 26.1  | 39.1  |       |
| 65      | 13.7  | 12.4  | 18.6  |       |





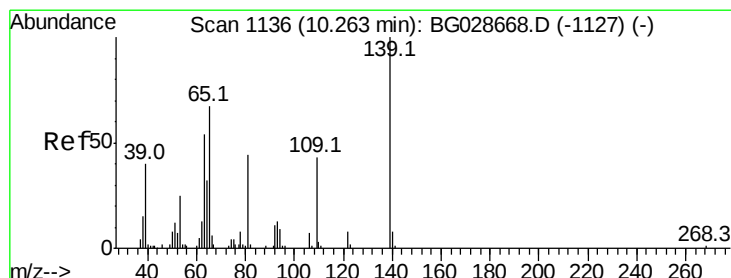
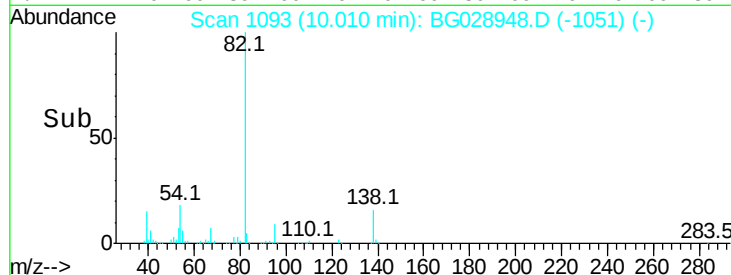
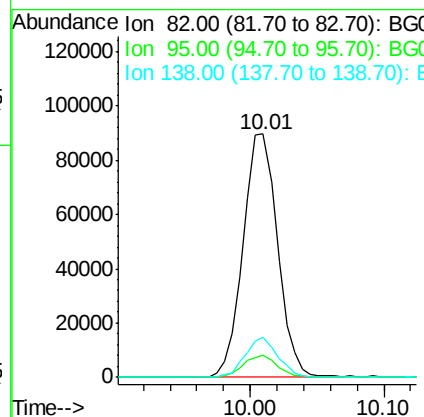
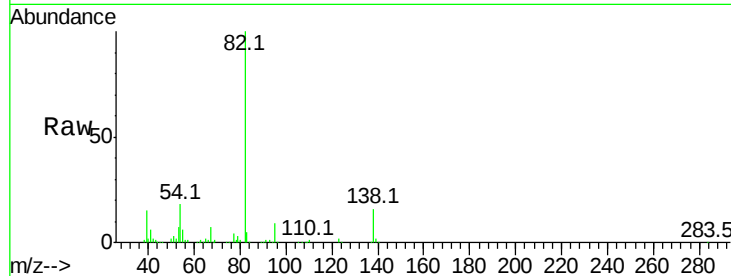
#25  
Isophorone  
Concen: 37.236 ng  
RT: 10.01 min Scan# 1093  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 9.2   | 7.5  | 11.3  |       |
| 138     | 16.3  | 12.3 | 18.5  |       |

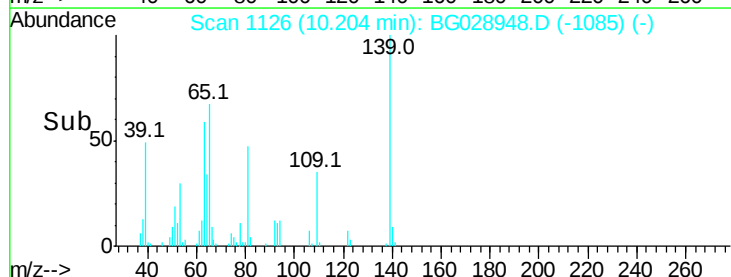
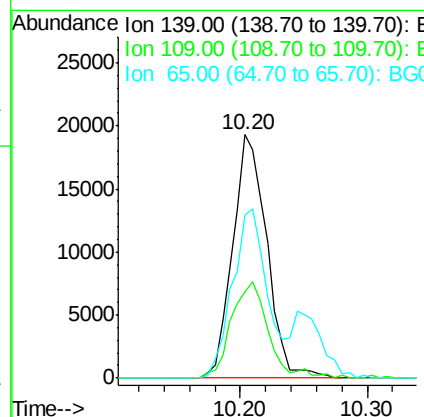
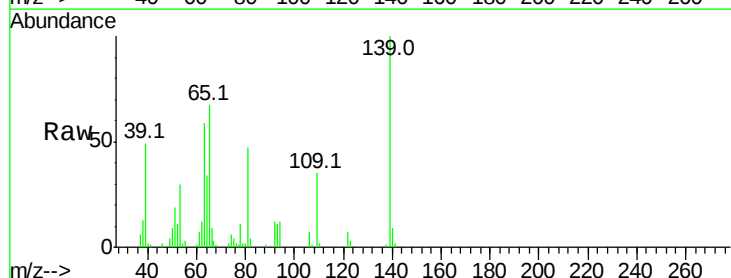
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 35.740 ng  
RT: 10.20 min Scan# 1126  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 35.4  | 38.6 | 58.0# |       |
| 65      | 66.8  | 57.1 | 85.7  |       |





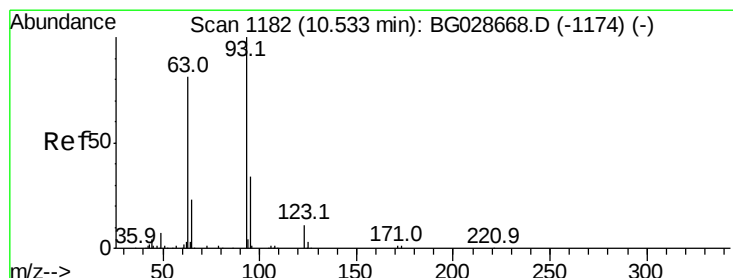
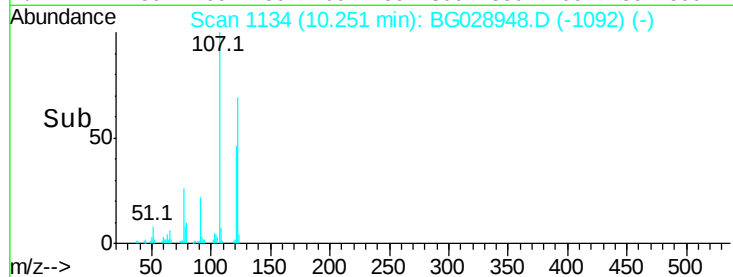
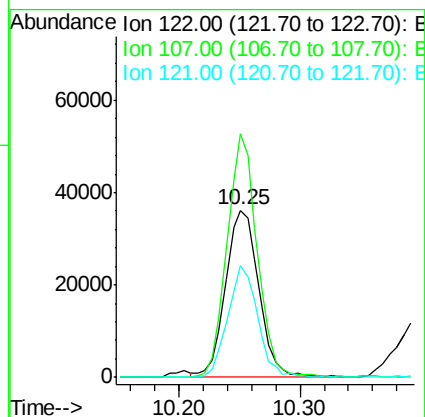
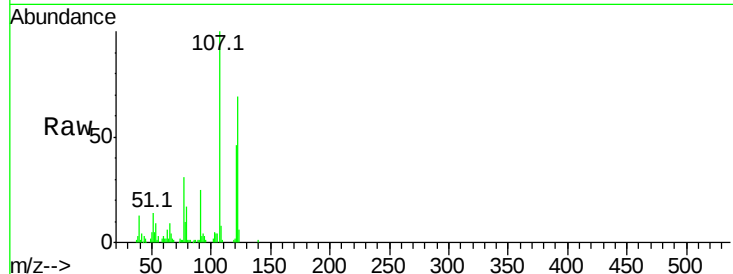
#27  
2,4-Dimethylphenol  
Concen: 37.722 ng  
RT: 10.25 min Scan# 1134  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 145.6 | 104.2 | 156.4 |
| 121     | 66.9  | 46.0  | 69.0  |

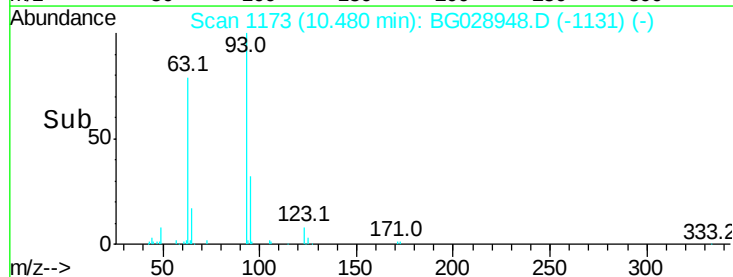
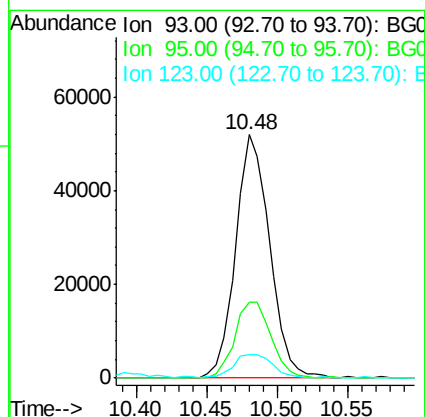
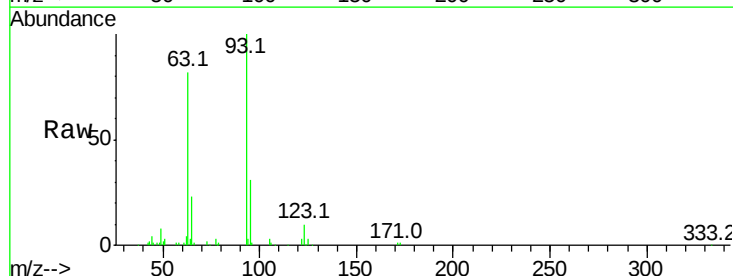
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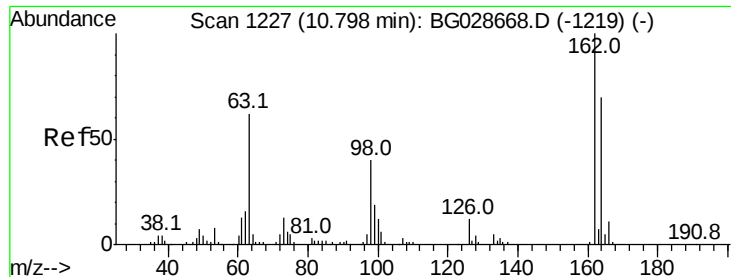
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#28  
bis(2-Chloroethoxy)methane  
Concen: 37.427 ng  
RT: 10.48 min Scan# 1173  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.4  | 25.7  | 38.5  |
| 123     | 9.9   | 8.3   | 12.5  |





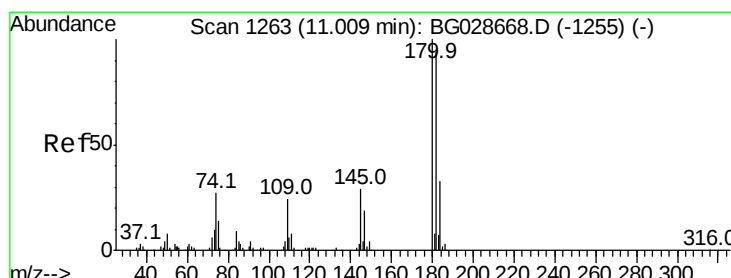
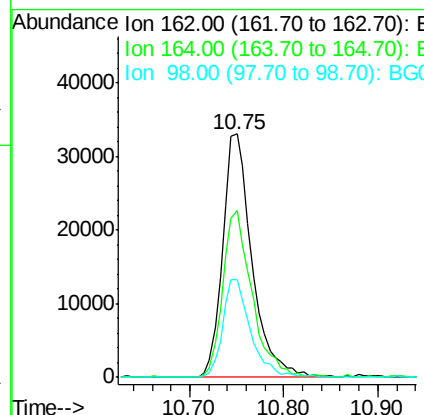
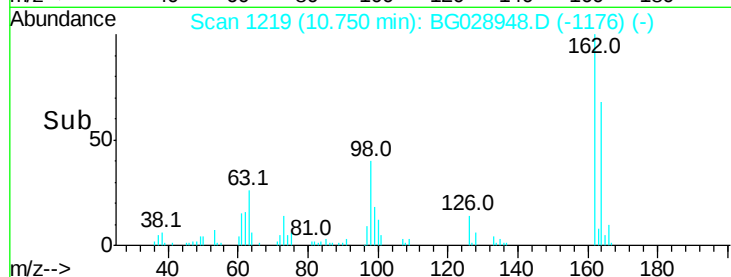
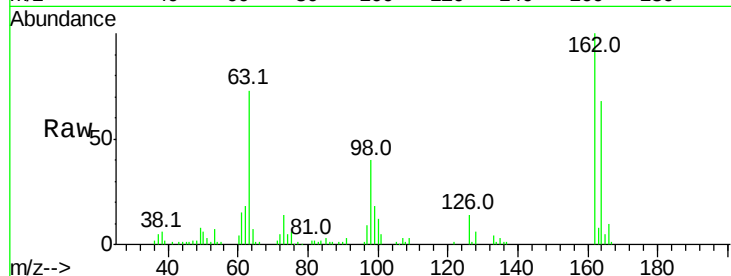
#29  
 2,4-Dichlorophenol  
 Concen: 39.353 ng  
 RT: 10.75 min Scan# 1219  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.5  | 42.4  | 82.4  |
| 98      | 40.1  | 20.3  | 60.3  |

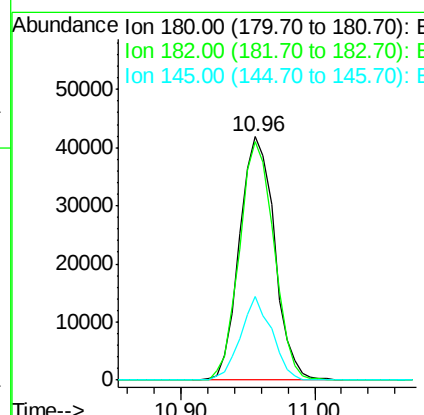
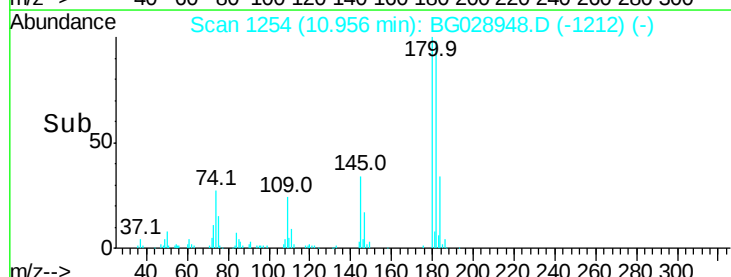
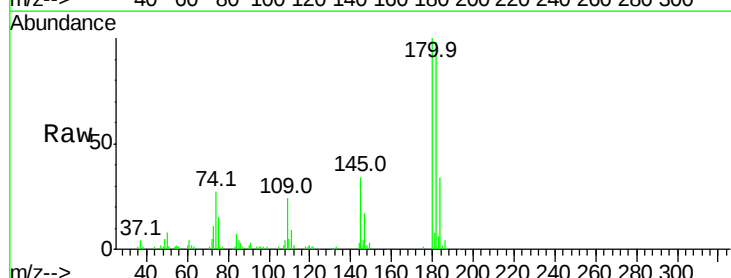
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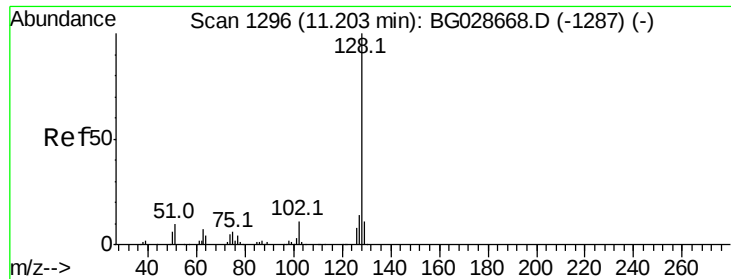
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.480 ng  
 RT: 10.96 min Scan# 1254  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 77.0  | 115.4 |
| 145     | 34.3  | 23.4  | 35.0  |





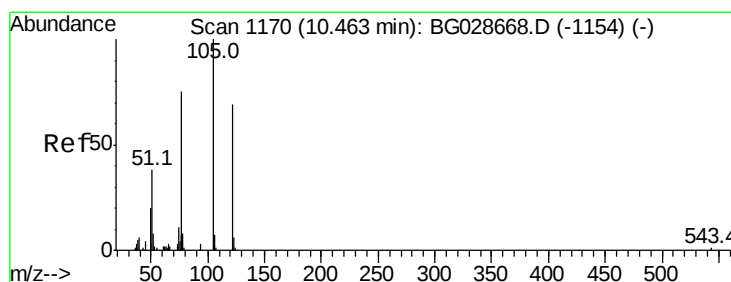
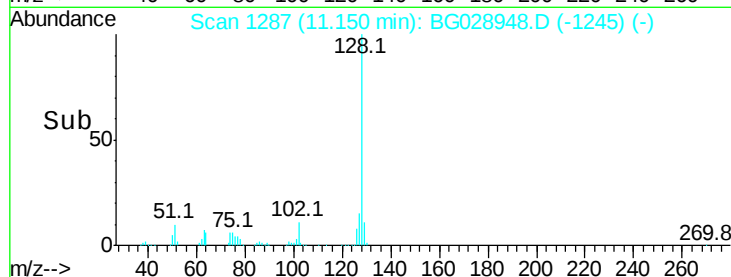
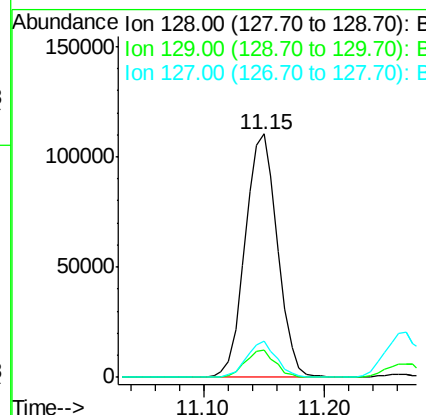
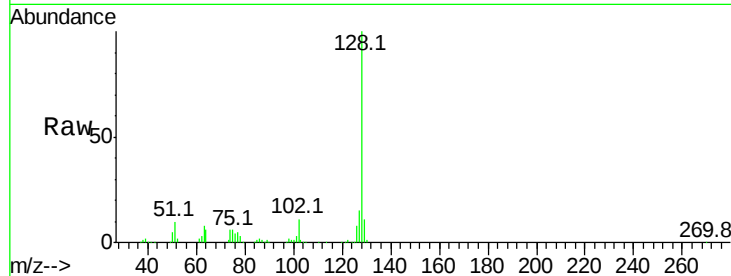
#31  
Naphthalene  
Concen: 38.585 ng  
RT: 11.15 min Scan# 1287  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampled :  
PB102649BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 205245 |       |       |
| 129     | 11.4  | 9.3    | 13.9  |       |
| 127     | 15.0  | 11.4   | 17.0  |       |

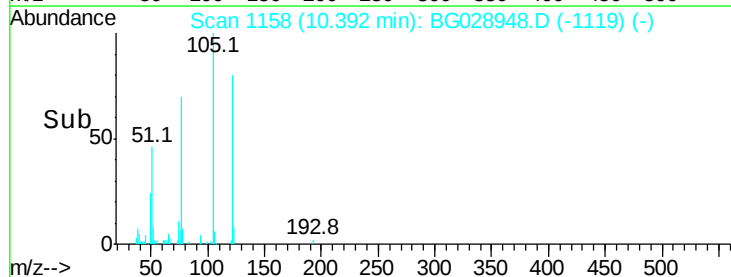
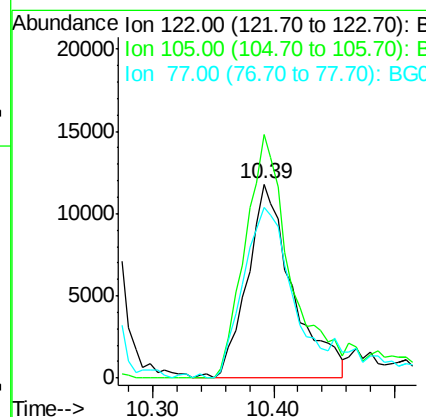
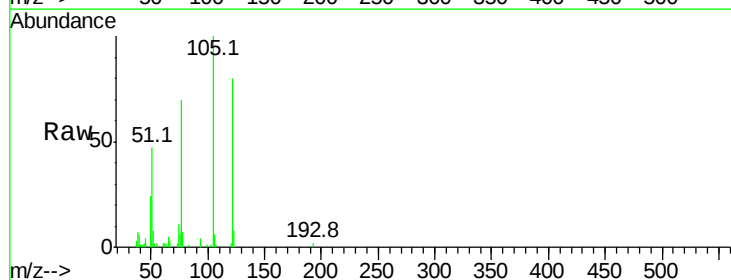
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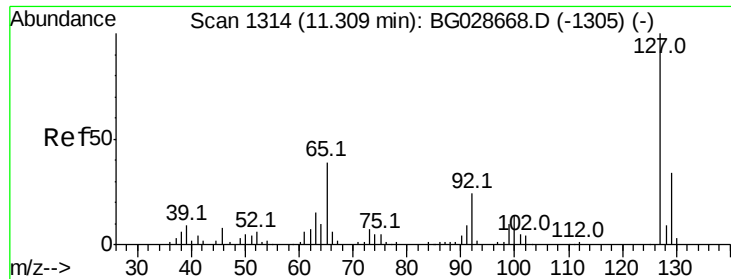
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#32  
Benzoic acid  
Concen: 26.637 ng  
RT: 10.39 min Scan# 1158  
Delta R.T. -0.07 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 30655 |       |       |
| 105     | 125.5 | 120.1 | 160.1 |       |
| 77      | 87.6  | 104.6 | 144.6 |       |





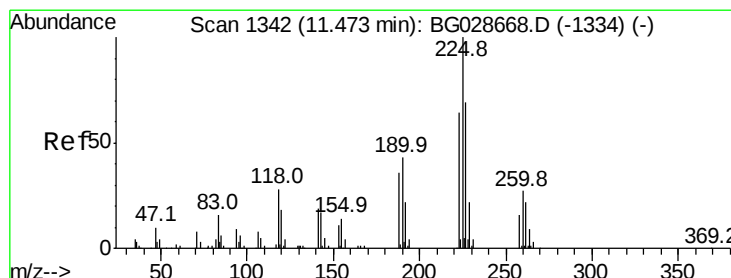
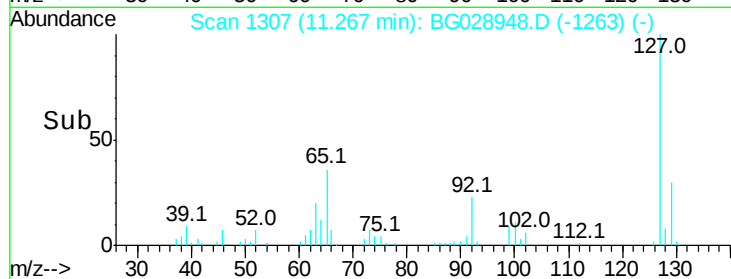
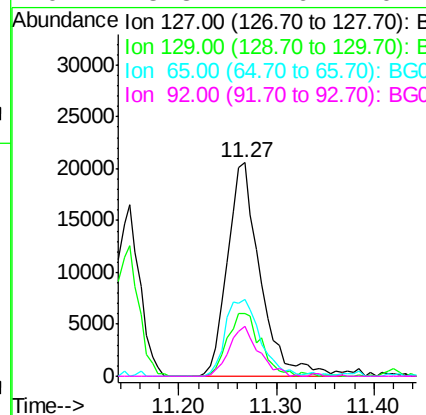
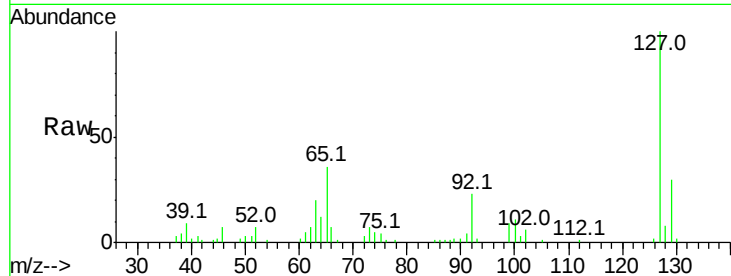
#33  
 4-Chloroaniline  
 Concen: 21.512 ng  
 RT: 11.27 min Scan# 1307  
 Delta R.T. -0.04 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.5  | 23.6  | 35.4  |
| 65      | 36.3  | 37.7  | 56.5  |
| 92      | 23.3  | 17.6  | 26.4  |

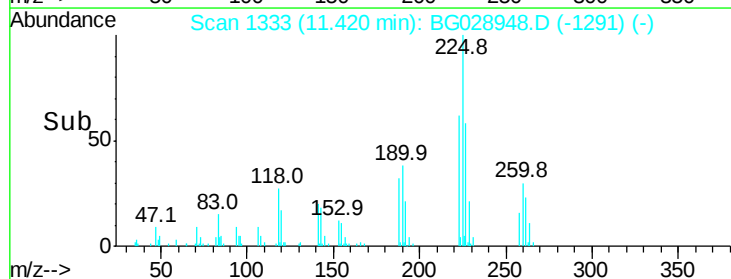
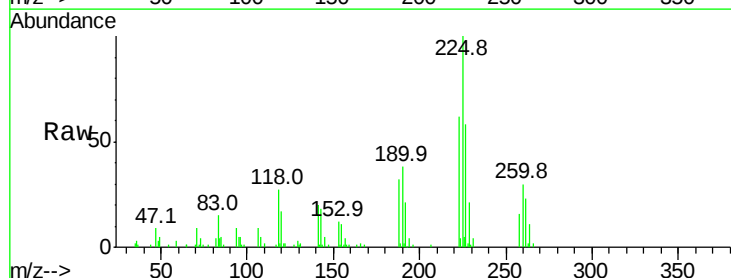
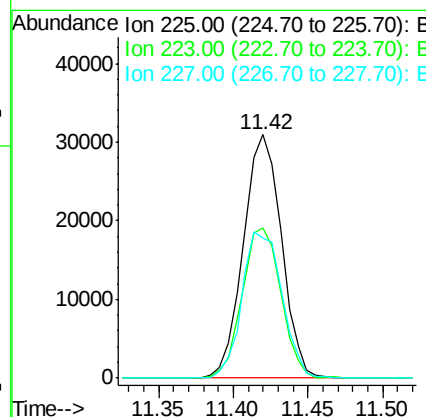
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#34  
 Hexachlorobutadiene  
 Concen: 35.683 ng  
 RT: 11.42 min Scan# 1333  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 50.7  | 76.1  |
| 227     | 57.6  | 49.0  | 73.6  |





#35

Caprolactam

Concen: 48.102 ng/ml

RT: 12.03 min Scan# 1437

Delta R.T. -0.07 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

ClientSampleID :

PB102649BS

Tot Ion:113 Resp: 31477

Ion Ratio Lower Upper

113 100

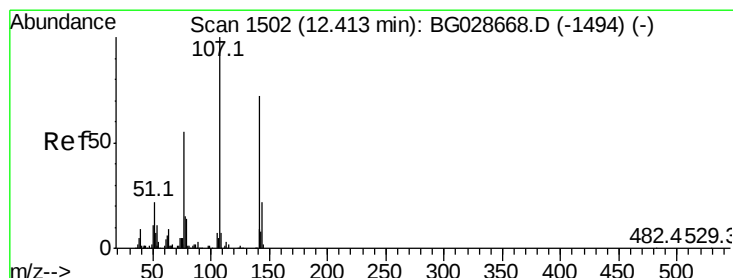
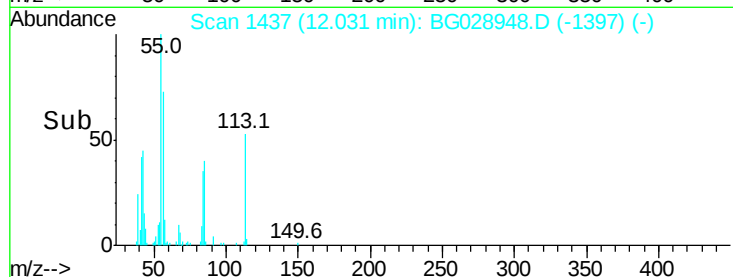
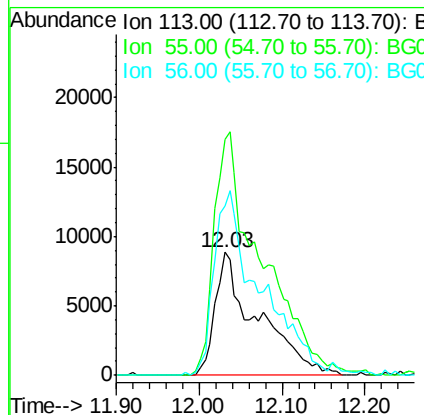
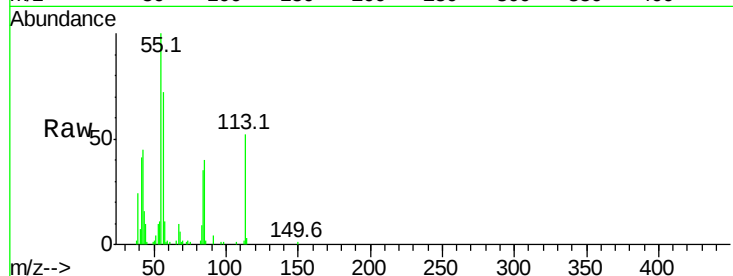
55 191.4 198.6 238.6#

56 137.9 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 41.425 ng/ml

RT: 12.37 min Scan# 1494

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

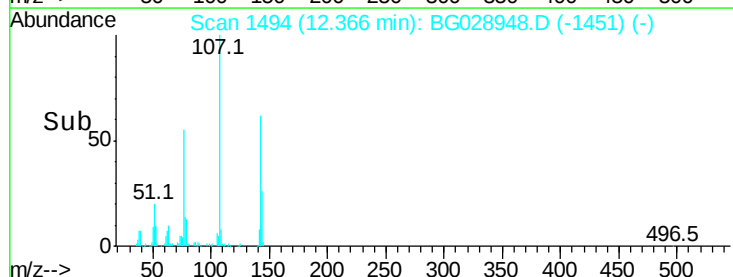
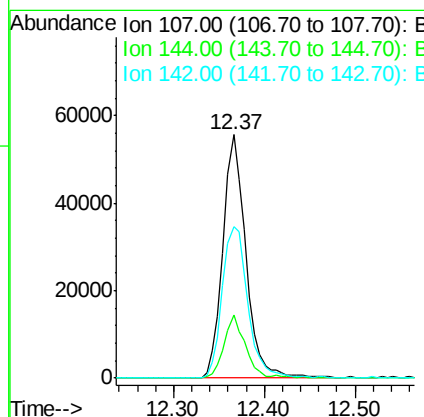
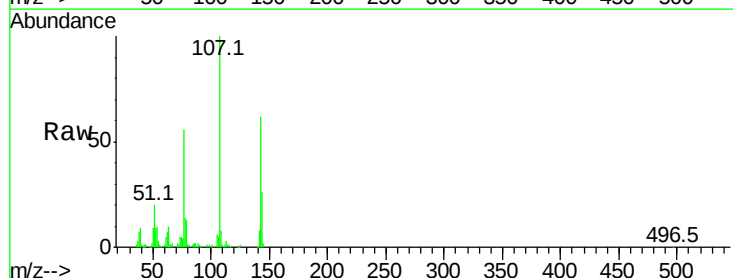
Tgt Ion:107 Resp: 98378

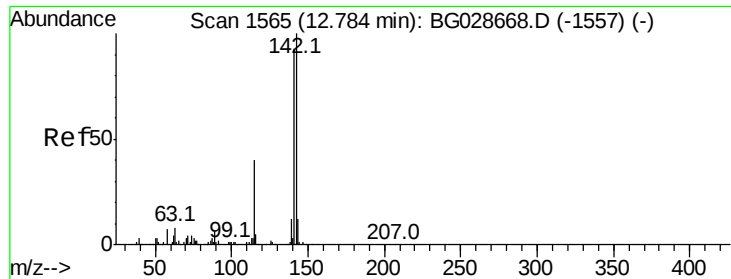
Ion Ratio Lower Upper

107 100

144 25.7 17.4 26.0

142 62.4 54.1 81.1





#37

2-Methylnaphthalene

Concen: 41.065 ng

RT: 12.74 min Scan# 1557

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

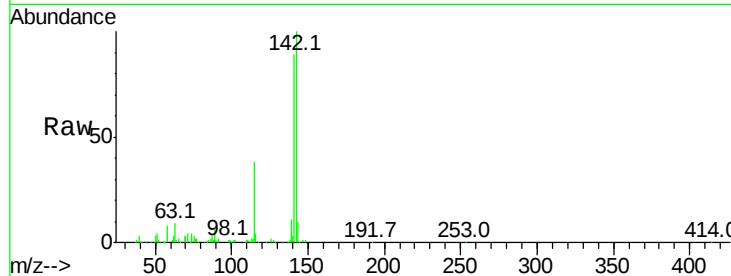
ClientSampled :

PB102649BS

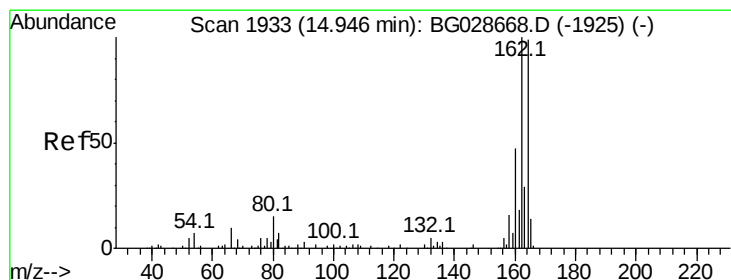
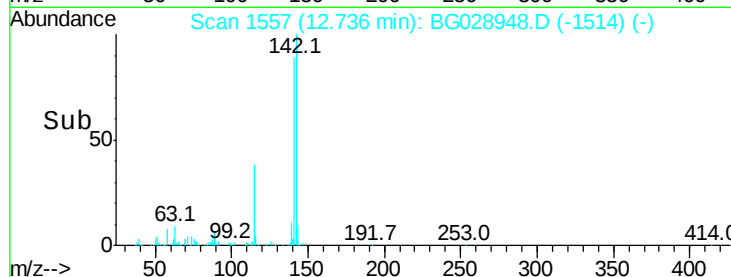
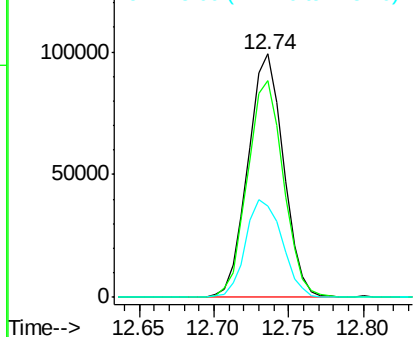
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 163085 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.0  | 70.4  | 105.6  |
| 115       | 37.7  | 35.5  | 53.3   |

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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1925

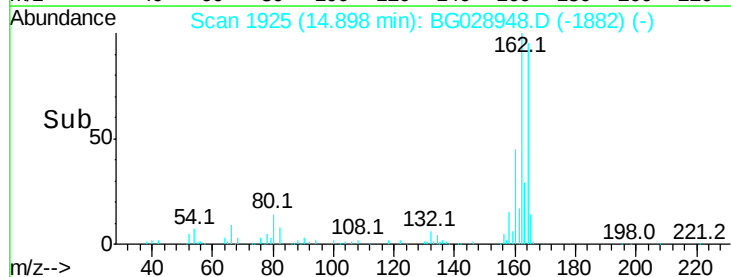
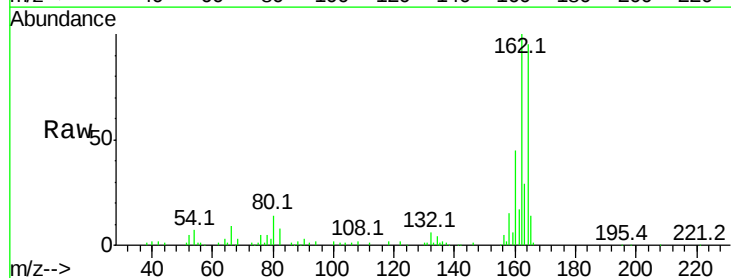
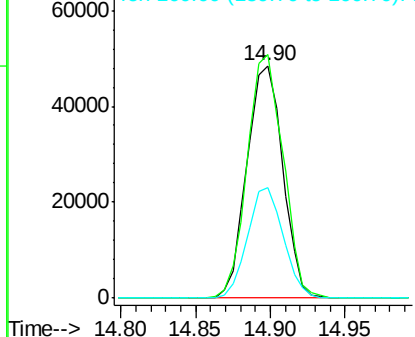
Delta R.T. -0.05 min

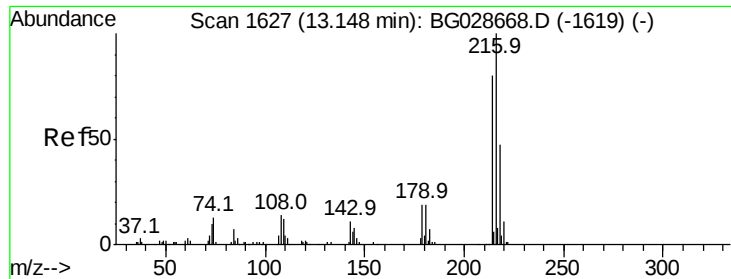
Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 80466 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 104.7 | 85.1  | 127.7 |
| 160       | 47.6  | 34.7  | 52.1  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





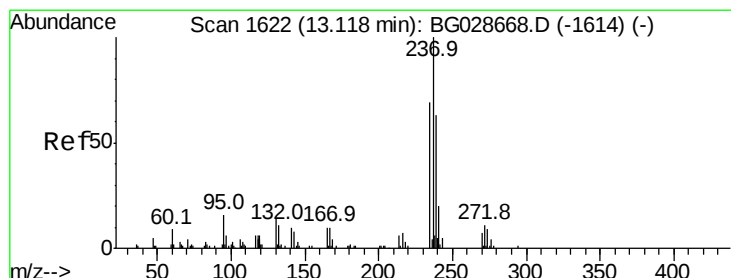
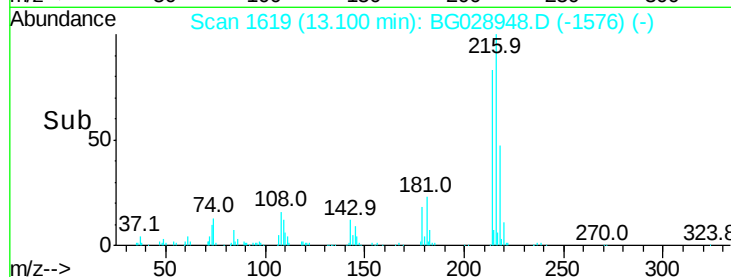
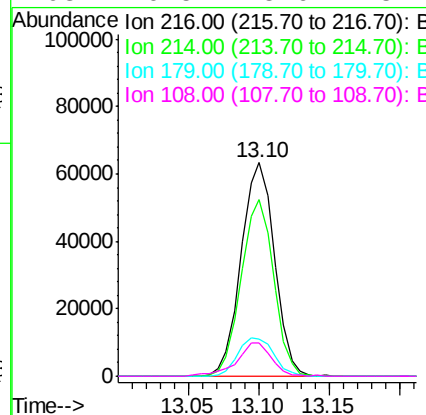
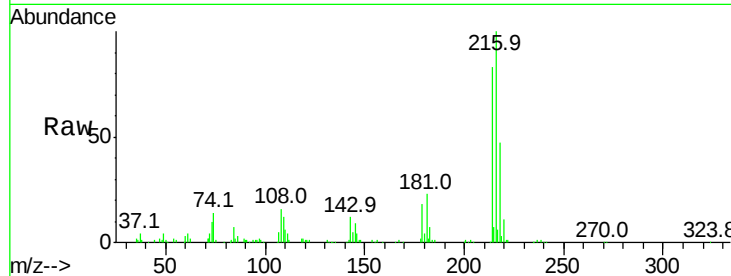
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 31.670 ng  
RT: 13.10 min Scan# 1619  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 104781 |       |       |
| 214     | 80.6  | 64.4   | 96.6  |       |
| 179     | 19.4  | 17.4   | 26.0  |       |
| 108     | 16.5  | 15.6   | 23.4  |       |

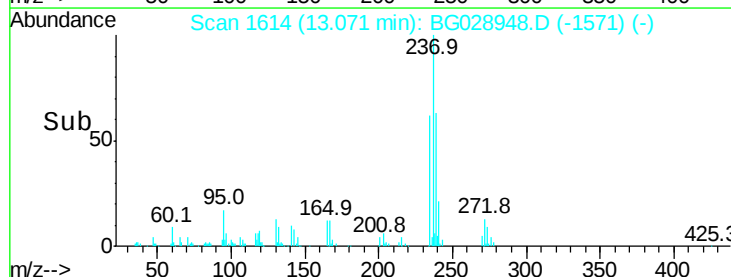
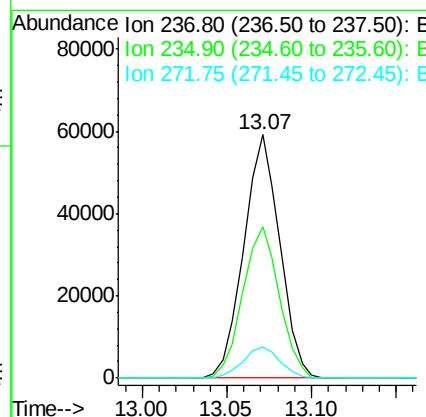
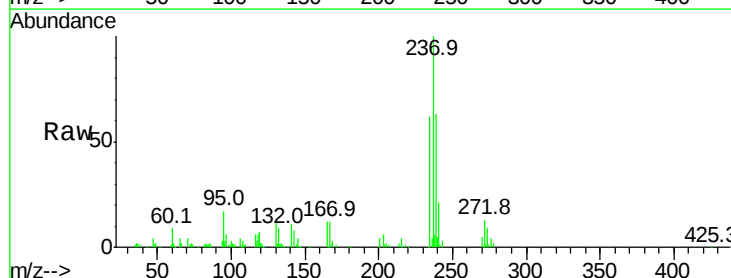
Manual Integrations  
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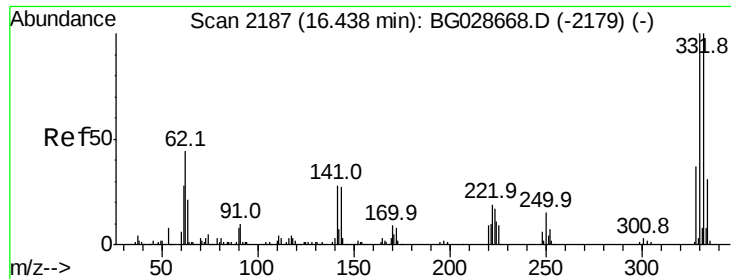
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#40  
Hexachlorocyclopentadiene  
Concen: 69.476 ng  
RT: 13.07 min Scan# 1614  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 87876 |       |       |
| 235     | 62.3  | 39.4  | 79.4  |       |
| 272     | 12.8  | 0.0   | 32.0  |       |





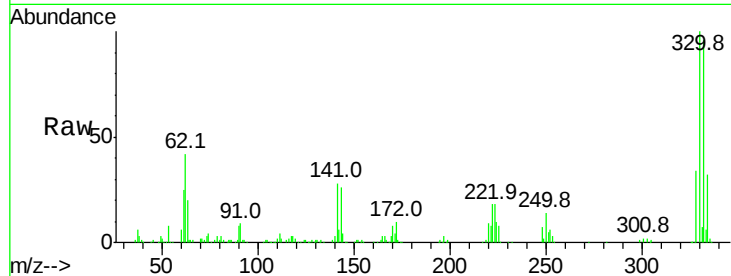
#41  
 2,4,6-Tribromophenol  
 Concen: 136.603 ng  
 RT: 16.39 min Scan# 2179  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

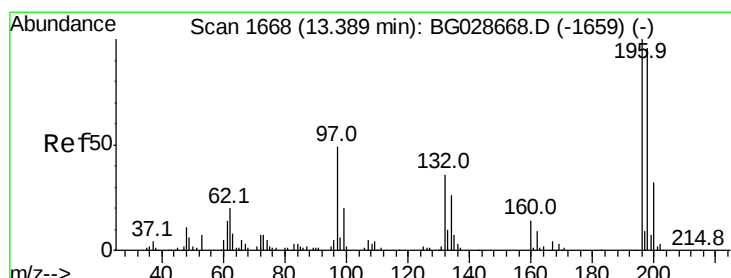
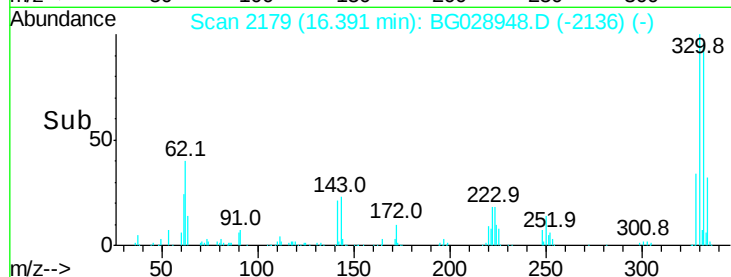
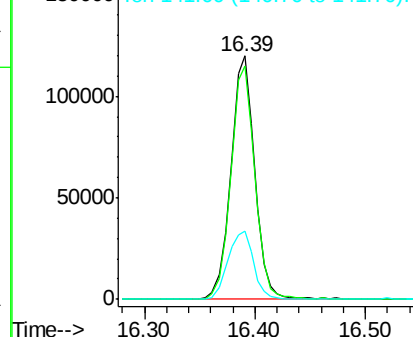
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 181799 |       |       |
| 332     | 96.1  | 77.3   | 115.9 |       |
| 141     | 30.1  | 32.1   | 48.1# |       |

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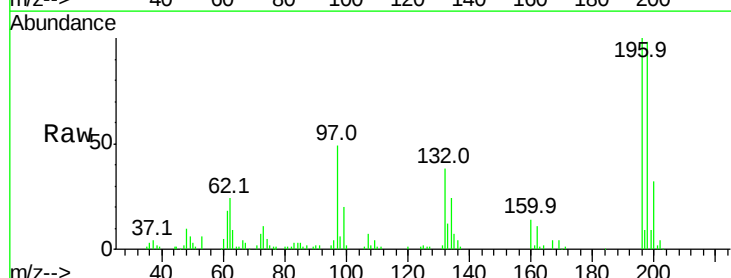


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

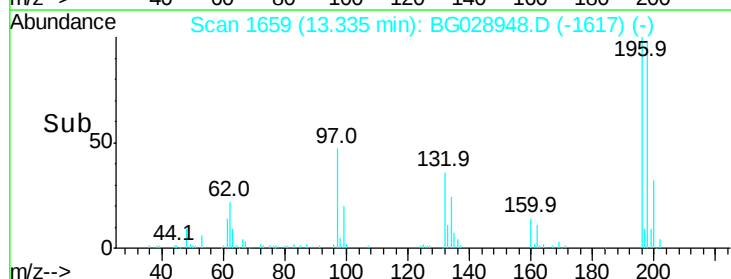
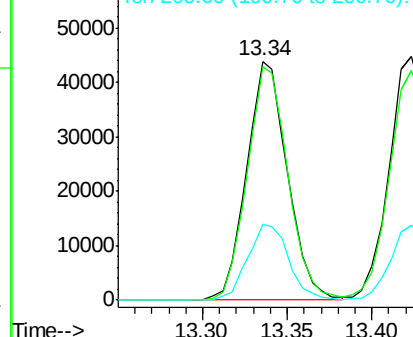


#42  
 2,4,6-Trichlorophenol  
 Concen: 35.004 ng  
 RT: 13.34 min Scan# 1659  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 73504 |       |       |
| 198     | 97.8  | 81.4  | 122.2 |       |
| 200     | 32.0  | 27.0  | 40.6  |       |



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





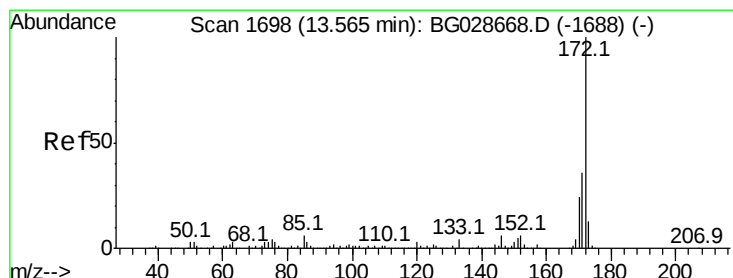
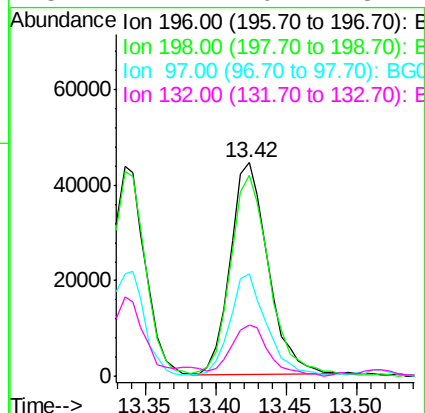
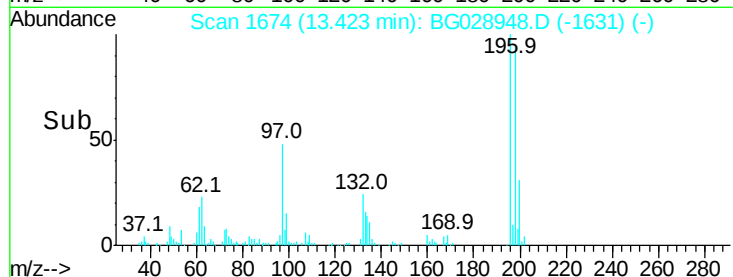
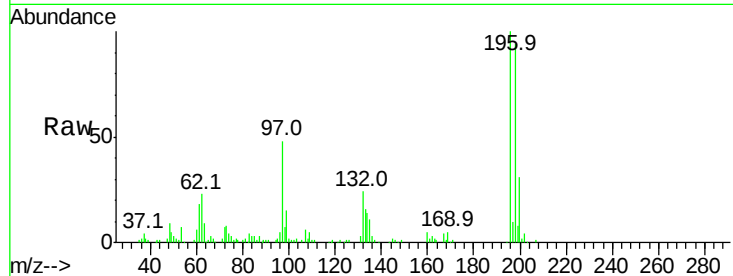
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.364 ng  
 RT: 13.42 min Scan# 1674  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 83060 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.3  | 79.9  | 119.9 |
| 97        | 48.2  | 45.4  | 68.0  |
| 132       | 24.1  | 20.7  | 31.1  |

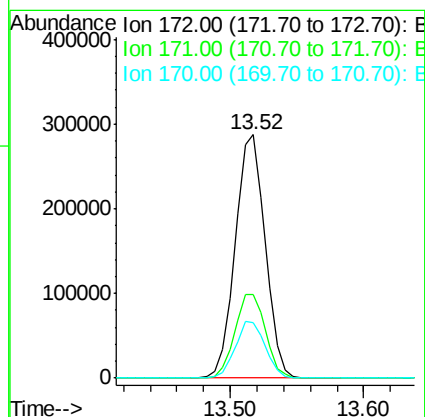
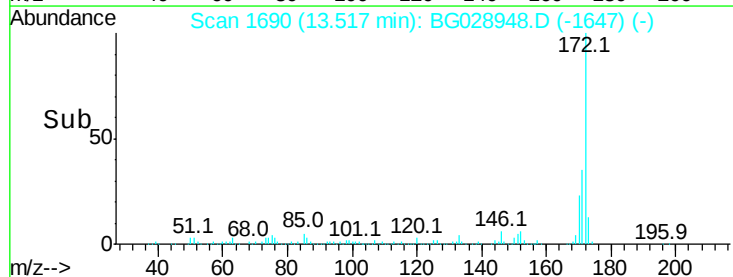
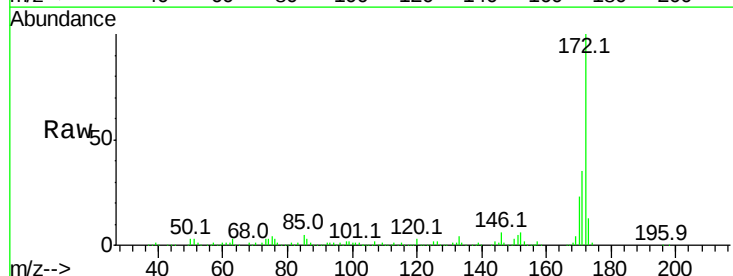
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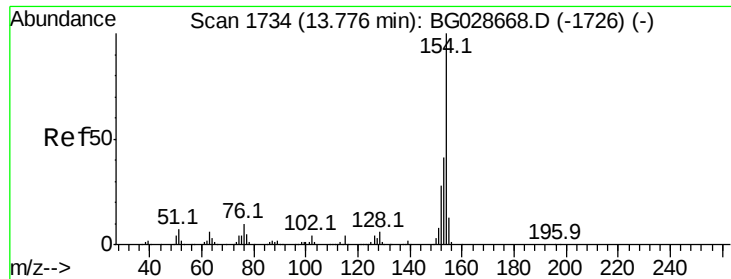
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#44  
 2-Fluorobiphenyl  
 Concen: 74.183 ng  
 RT: 13.52 min Scan# 1690  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 447662 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.6  | 32.2  | 48.2   |
| 170       | 22.6  | 21.8  | 32.6   |





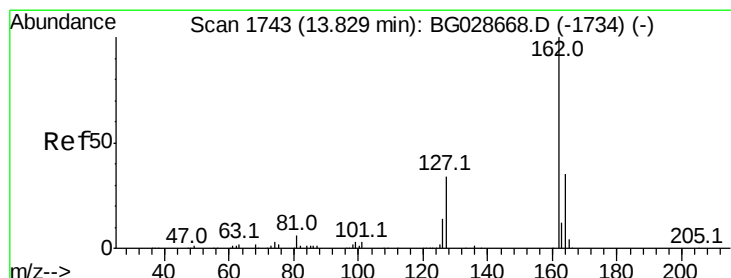
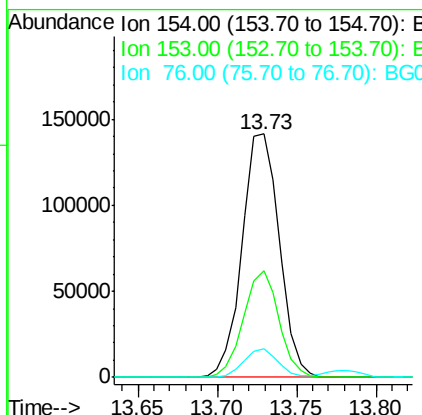
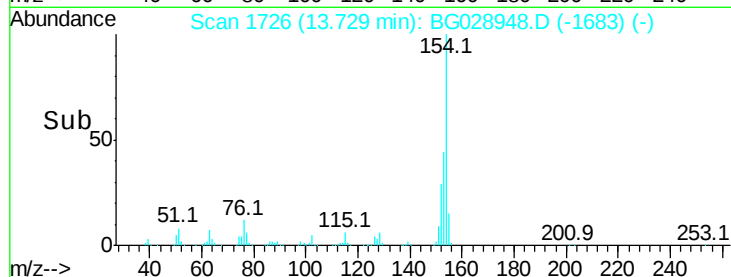
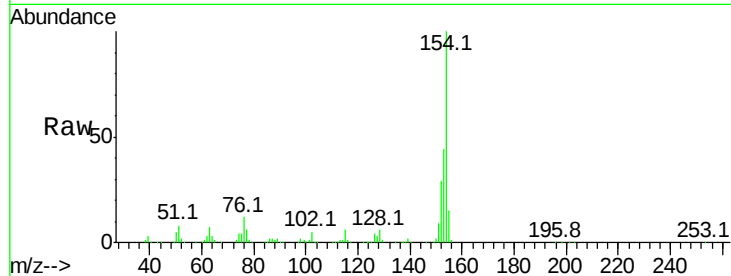
#45  
 1,1'-Biphenyl  
 Concen: 34.664 ng  
 RT: 13.73 min Scan# 1726  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 230939 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 44.0  | 23.0  | 63.0   |
| 76        | 12.0  | 0.0   | 33.5   |

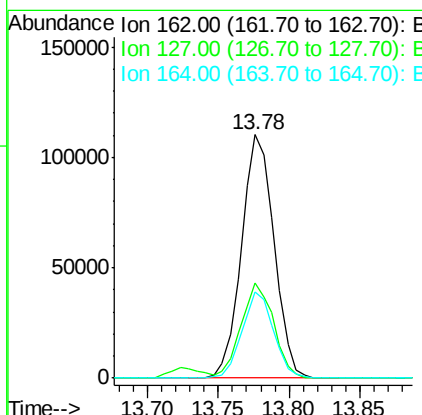
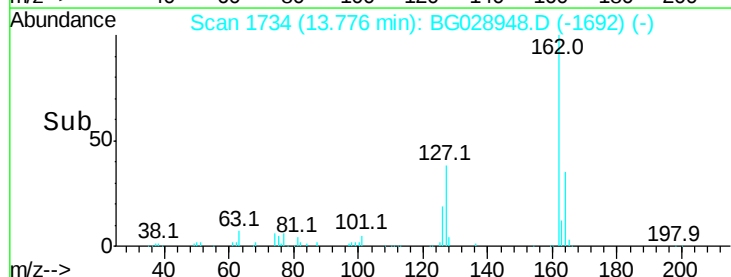
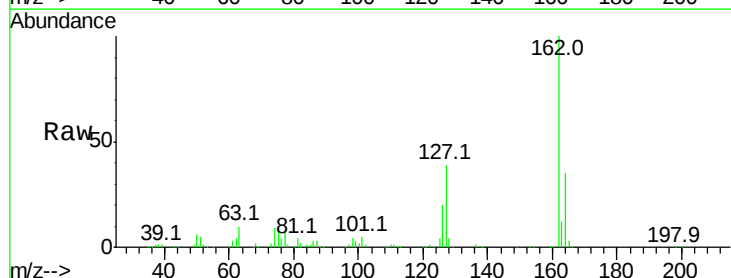
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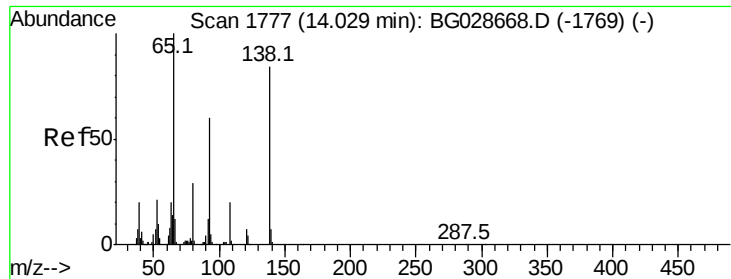
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#46  
 2-Chloronaphthalene  
 Concen: 36.607 ng  
 RT: 13.78 min Scan# 1734  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 177885 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.0  | 32.2  | 48.4   |
| 164       | 35.3  | 27.3  | 40.9   |





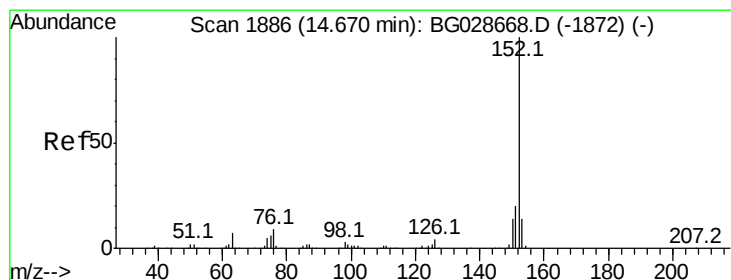
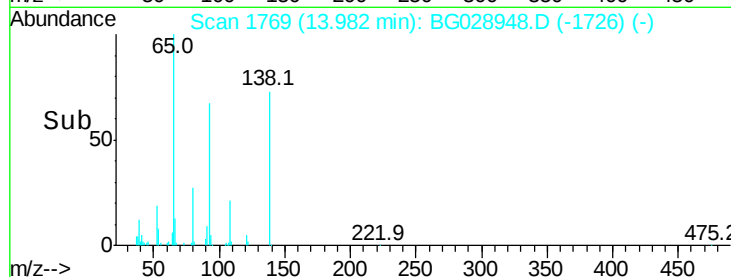
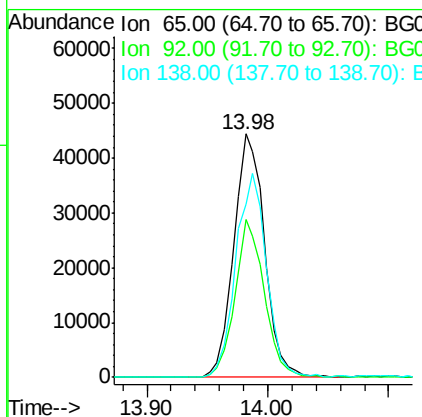
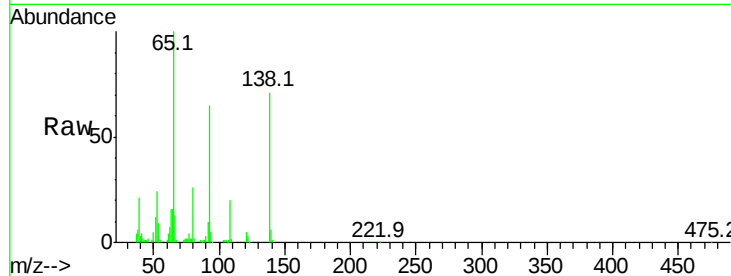
#47  
2-Nitroaniline  
Concen: 43.577 ng  
RT: 13.98 min Scan# 1769  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.0  | 49.0  | 73.4  |
| 138     | 71.1  | 58.6  | 87.8  |

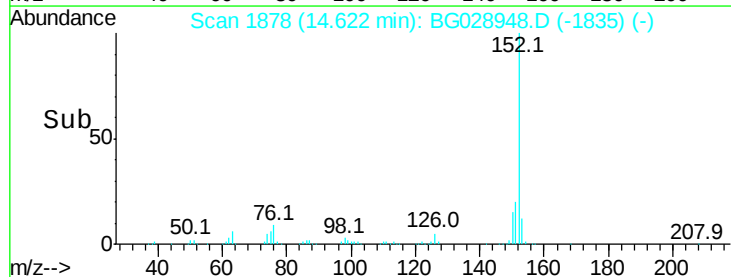
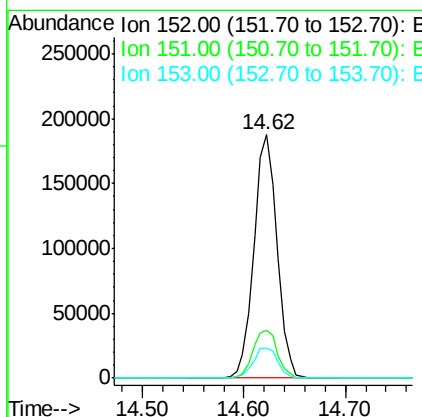
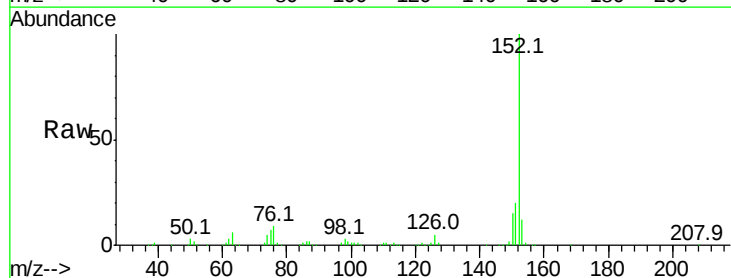
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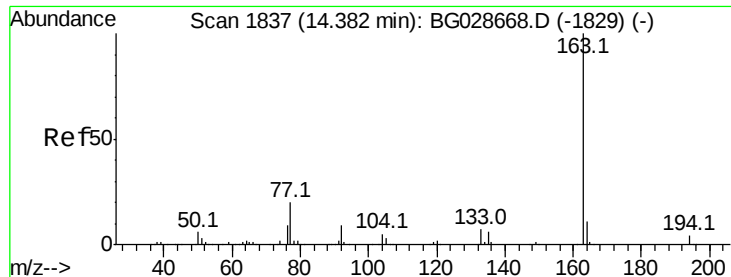
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#48  
Acenaphthylene  
Concen: 38.164 ng  
RT: 14.62 min Scan# 1878  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 18.2  | 27.2  |
| 153     | 12.3  | 11.3  | 16.9  |





#49

Dimethylphthalate

Concen: 40.437 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

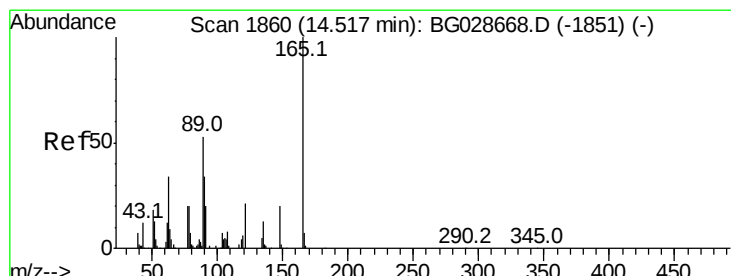
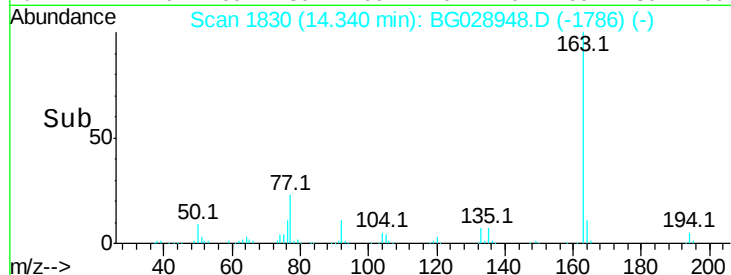
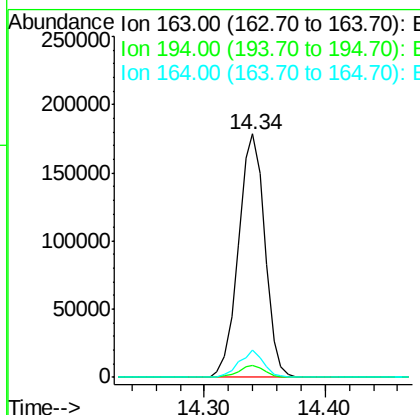
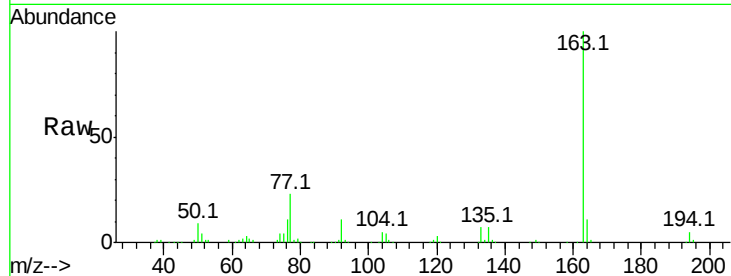
ClientSampleId :

PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 272846 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.1   | 3.8   | 5.6    |
| 164       | 11.4  | 9.3   | 13.9   |

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#50

2,6-Dinitrotoluene

Concen: 41.538 ng

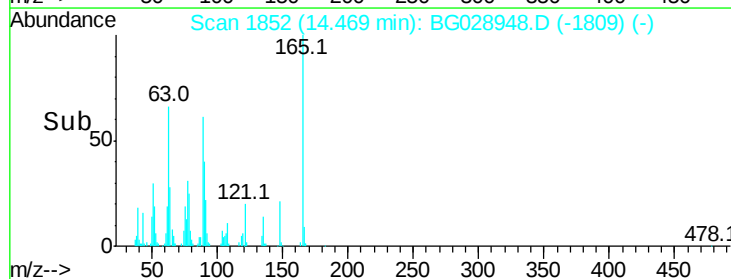
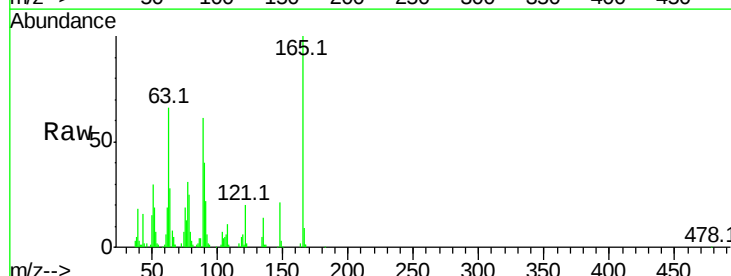
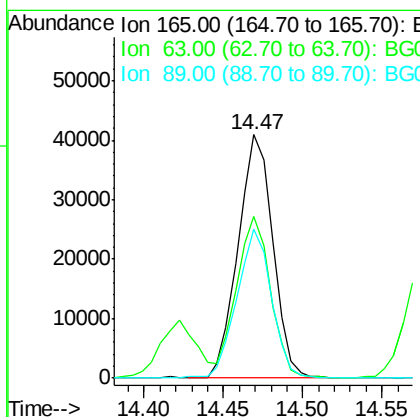
RT: 14.47 min Scan# 1852

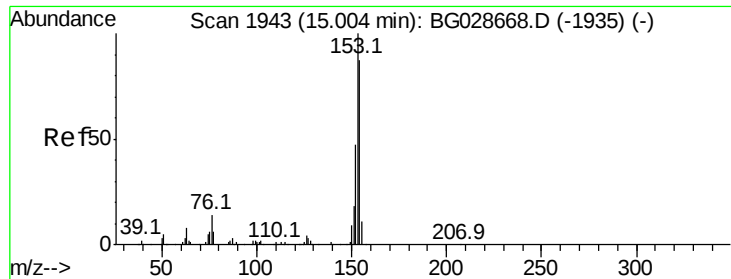
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 62365 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 66.4  | 63.9  | 95.9  |
| 89        | 61.4  | 58.6  | 88.0  |





#51

Acenaphthene

Concen: 37.960 ng

RT: 14.96 min Scan# 1935

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

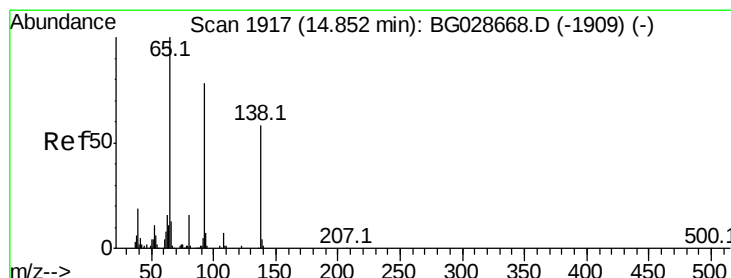
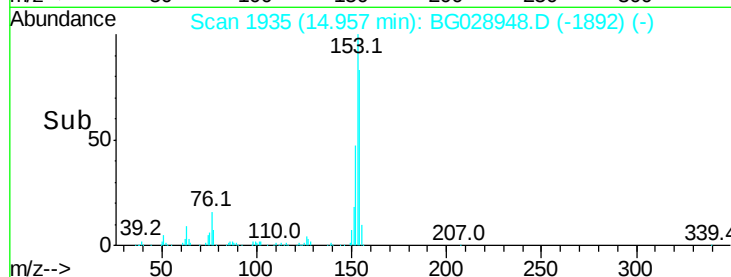
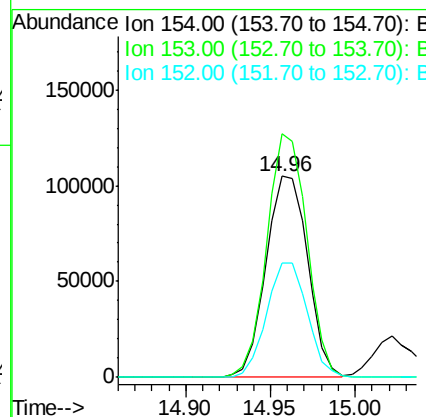
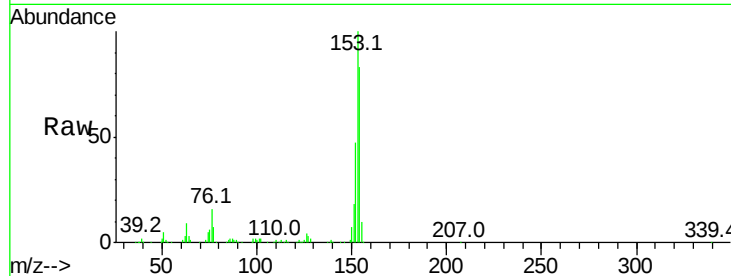
ClientSampleId :

PB102649BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 179020 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 120.9 | 87.8  | 131.6  |
| 152      | 56.5  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 34.409 ng

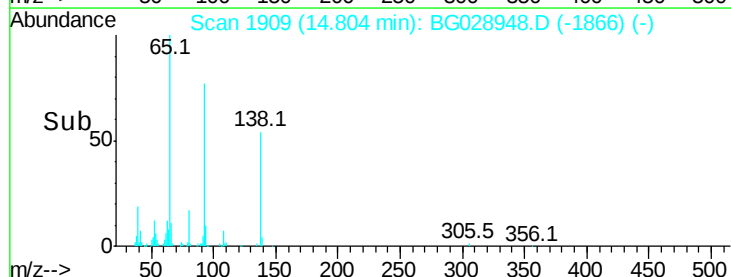
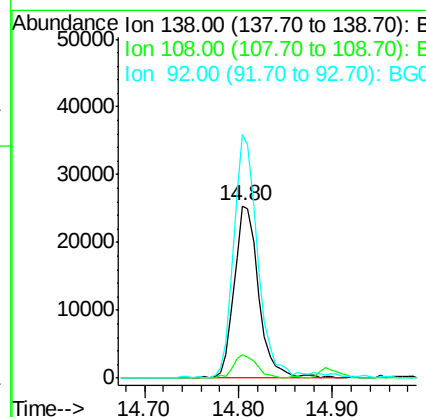
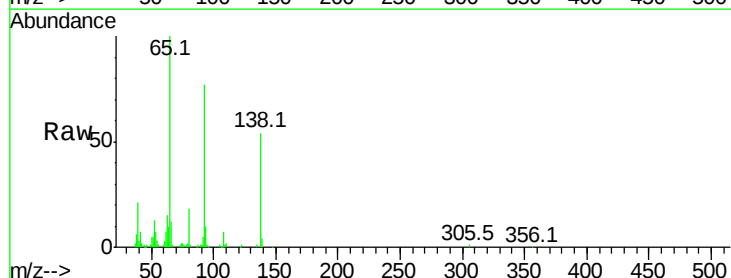
RT: 14.80 min Scan# 1909

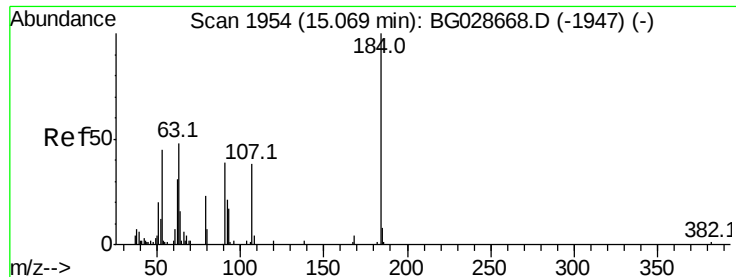
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 45686 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 108      | 13.3  | 10.9  | 16.3  |
| 92       | 141.3 | 115.3 | 172.9 |





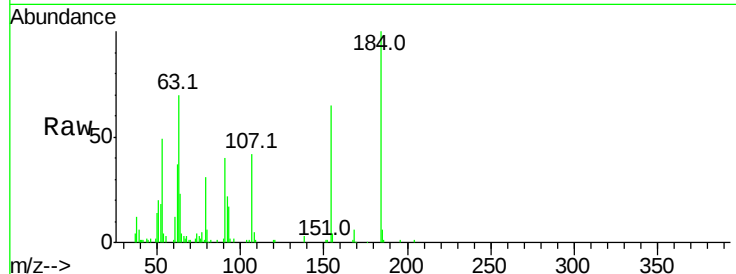
#53  
2,4-Dinitrophenol  
Concen: 75.538 ng  
RT: 15.02 min Scan# 1946  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

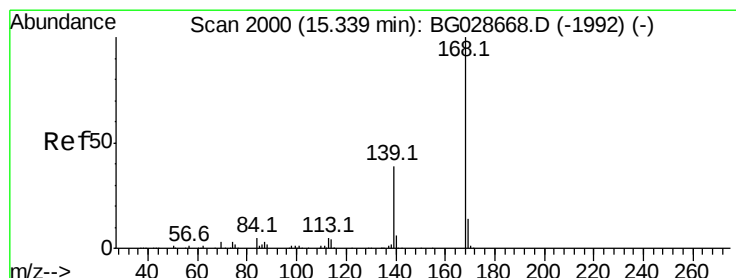
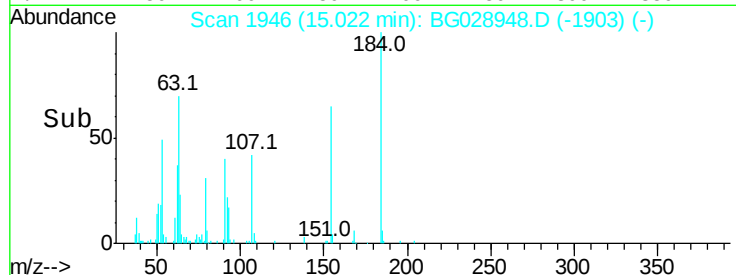
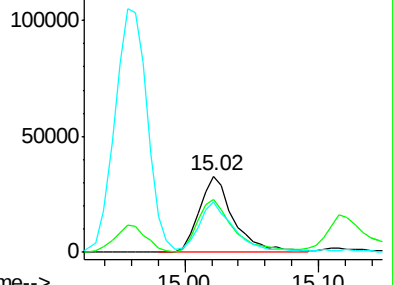
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 69.5  | 52.7 | 79.1  |       |
| 154     | 65.4  | 57.3 | 85.9  |       |

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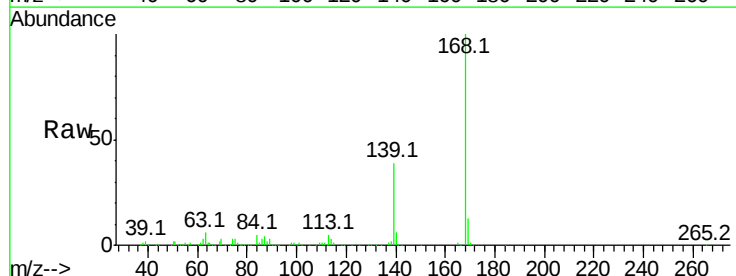


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

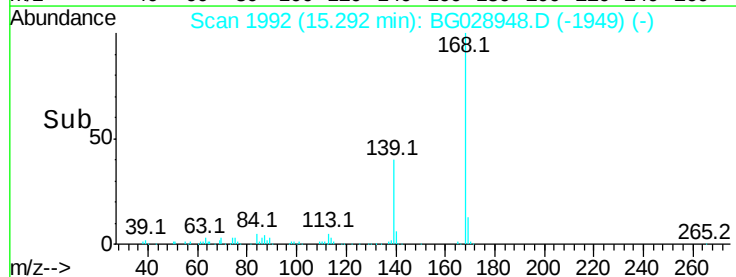
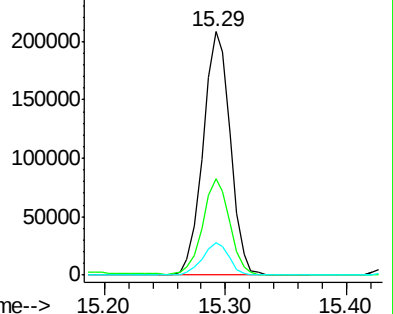


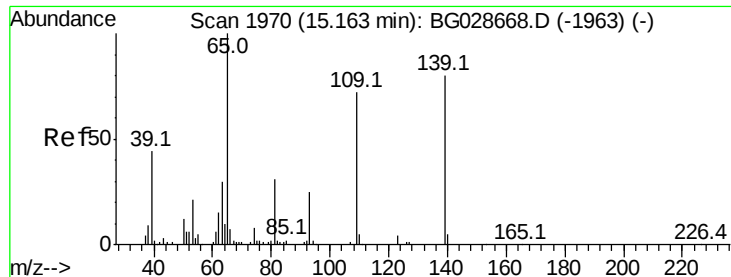
#54  
Dibenzofuran  
Concen: 43.384 ng  
RT: 15.29 min Scan# 1992  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.4  | 35.3 | 52.9  |       |
| 169     | 13.2  | 11.5 | 17.3  |       |



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





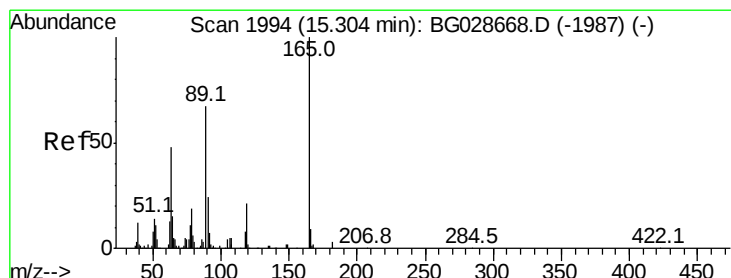
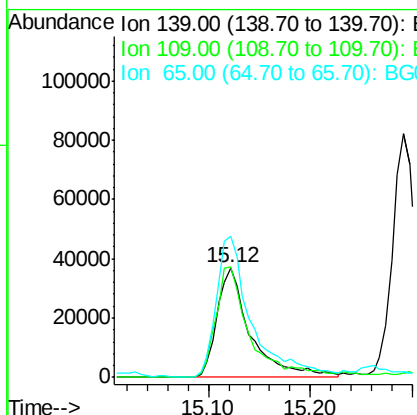
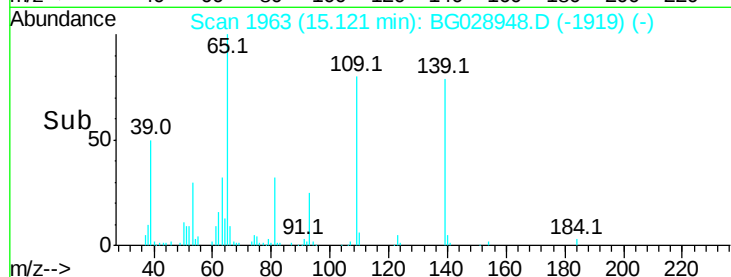
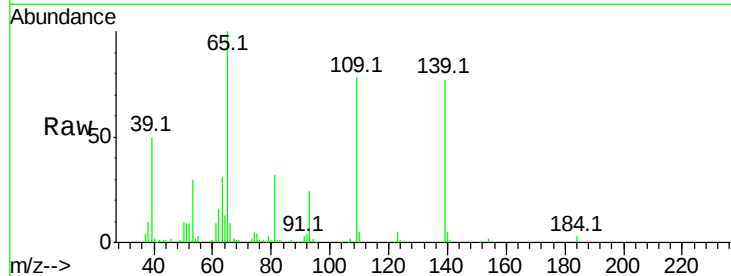
#55  
4-Nitrophenol  
Concen: 87.595 ng  
RT: 15.12 min Scan# 1963  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampled :  
PB102649BS

Tot Ion:139 Resp: 85209  
Ion Ratio Lower Upper  
139 100  
109 100.9 101.2 141.2#  
65 129.3 135.3 175.3#

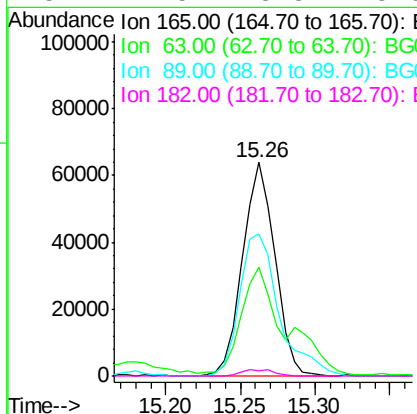
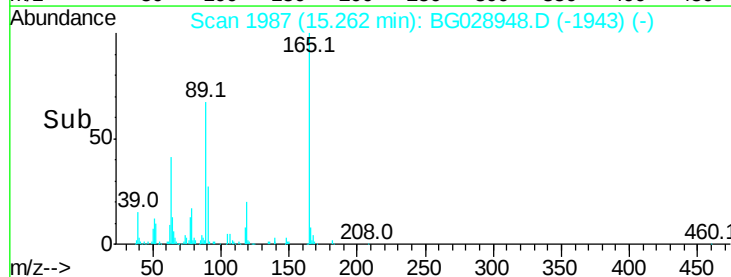
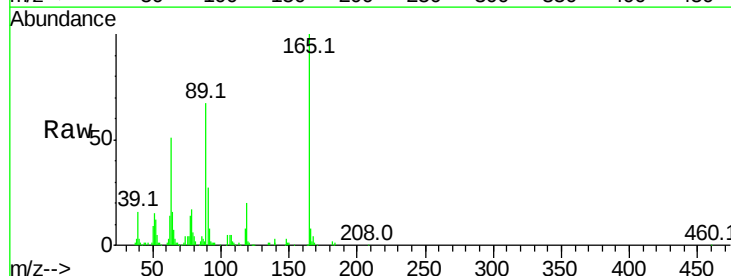
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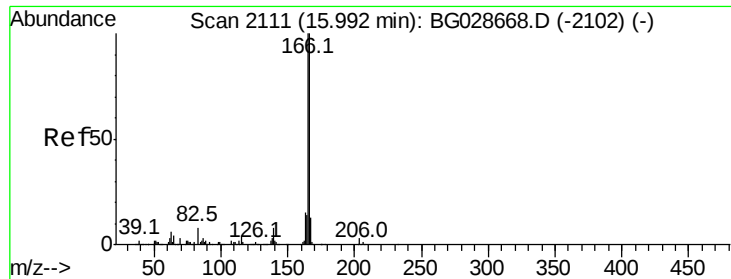
Sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 45.413 ng  
RT: 15.26 min Scan# 1987  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Tgt Ion:165 Resp: 95872  
Ion Ratio Lower Upper  
165 100  
63 50.9 44.0 66.0  
89 66.8 67.3 100.9#  
182 2.5 3.8 5.6#





#57

Fluorene

Concen: 41.329 ng

RT: 15.94 min Scan# 2103

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

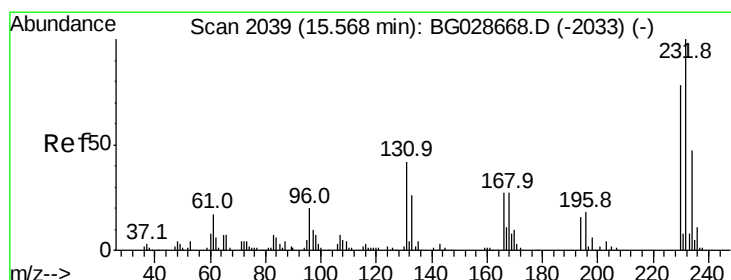
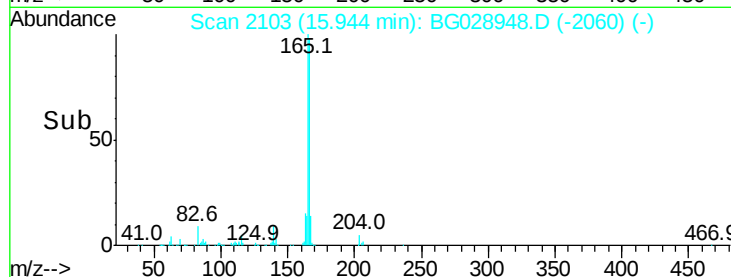
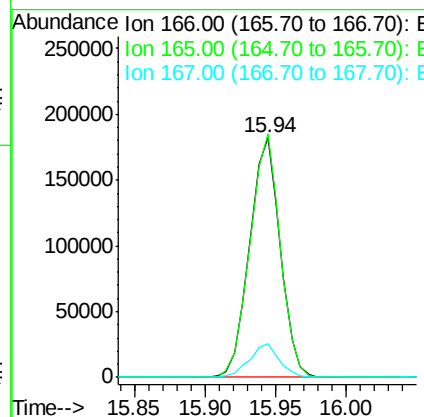
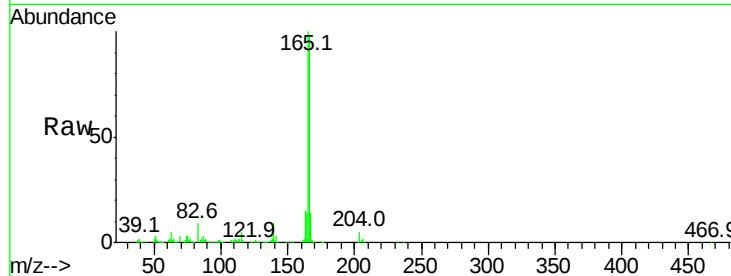
ClientSampleId :

PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 277489 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 101.6 | 78.6  | 117.8  |
| 167       | 14.3  | 11.6  | 17.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.353 ng

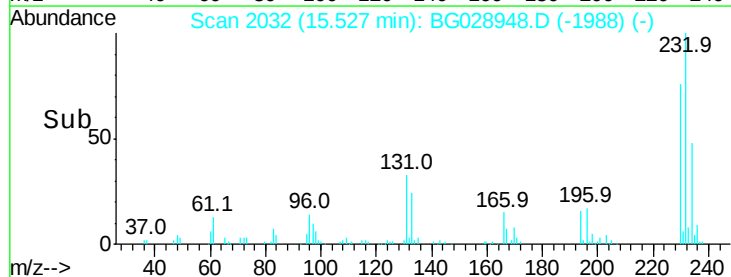
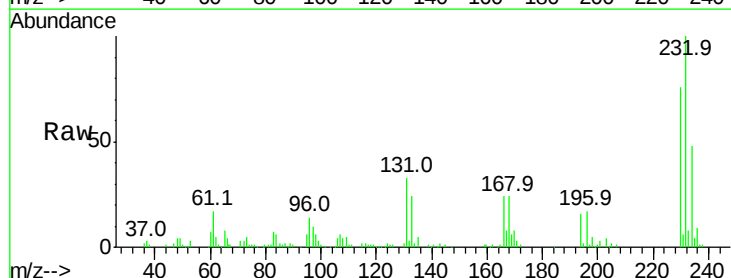
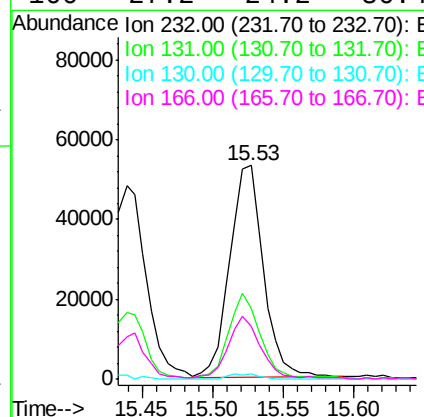
RT: 15.53 min Scan# 2032

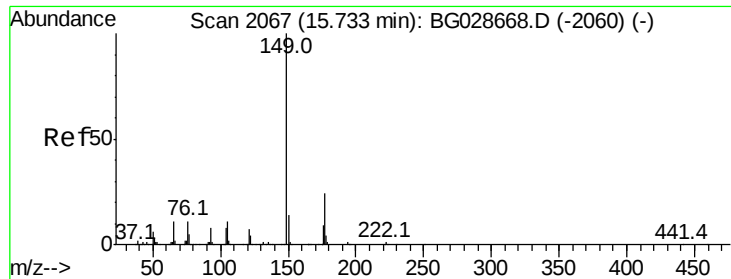
Delta R.T. -0.04 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 88061 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 36.2  | 34.9  | 52.3  |
| 130       | 2.1   | 2.3   | 3.5#  |
| 166       | 27.2  | 24.2  | 36.4  |





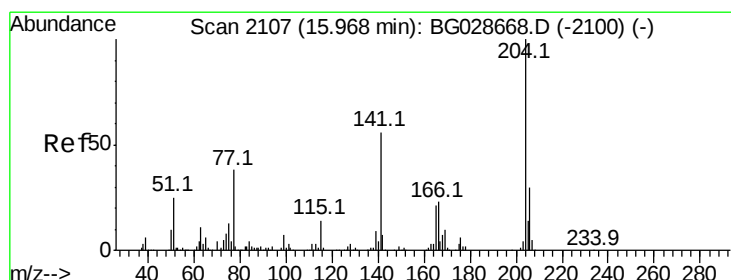
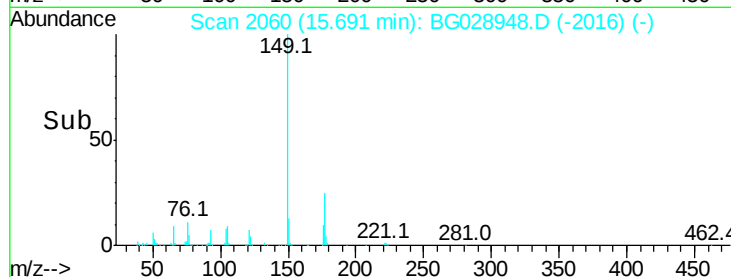
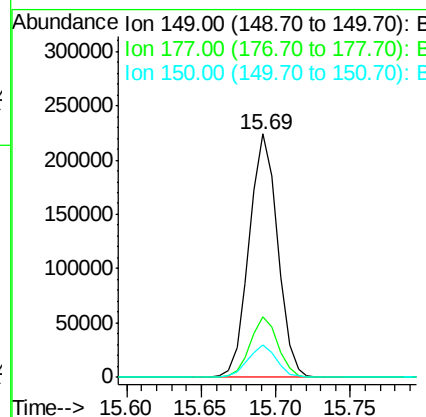
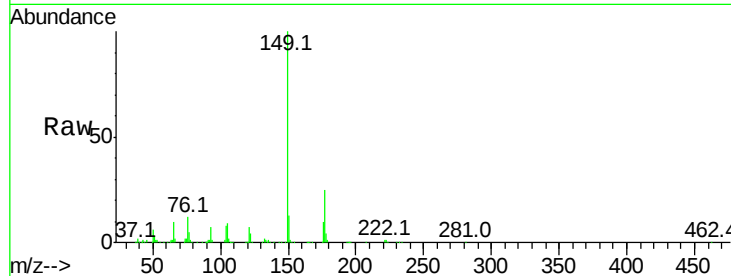
#59  
Diethylphthalate  
Concen: 42.401 ng  
RT: 15.69 min Scan# 2060  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.8  | 20.1       | 30.1       |
| 150     | 13.4  | 10.2       | 15.2       |

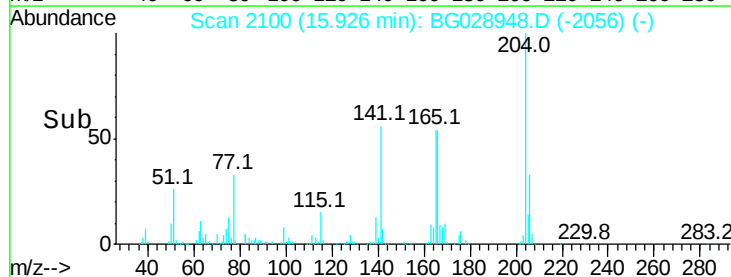
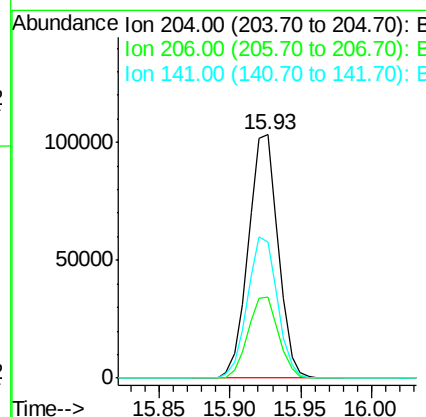
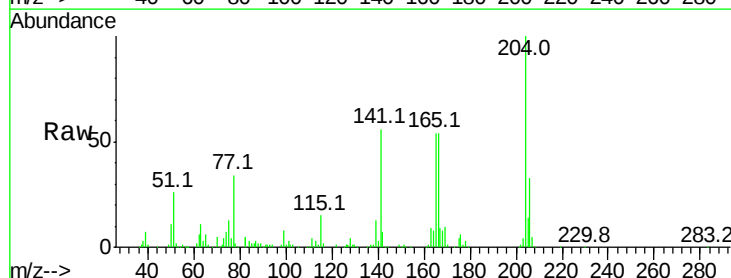
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#60  
4-Chlorophenyl-phenylether  
Concen: 39.944 ng  
RT: 15.93 min Scan# 2100  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 33.1  | 30.1       | 45.1       |
| 141     | 56.1  | 50.6       | 76.0       |





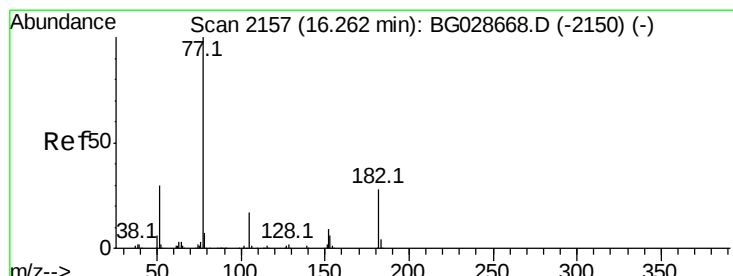
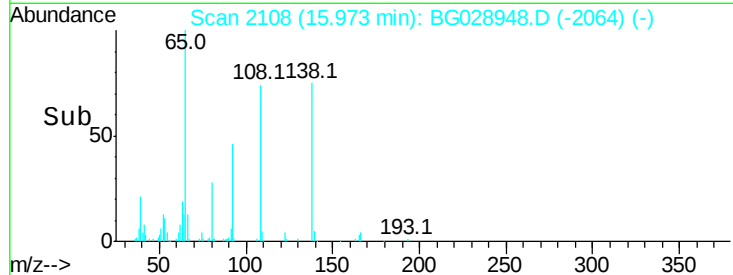
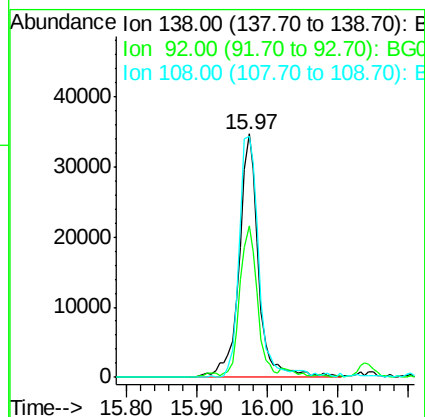
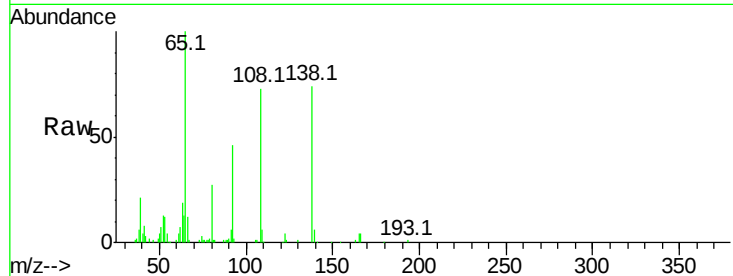
#61  
4-Nitroaniline  
Concen: 46.868 ng  
RT: 15.97 min Scan# 2108  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 62.0  | 44.2  | 84.2  |
| 108     | 99.2  | 104.8 | 144.8 |

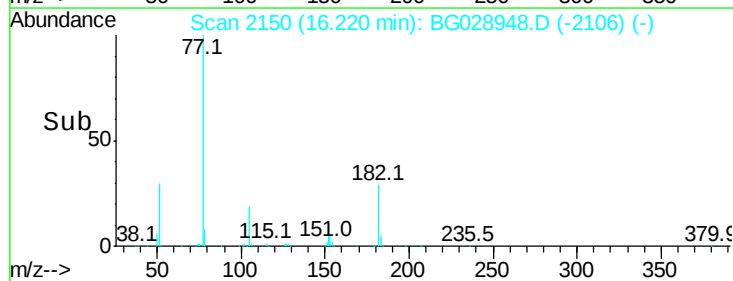
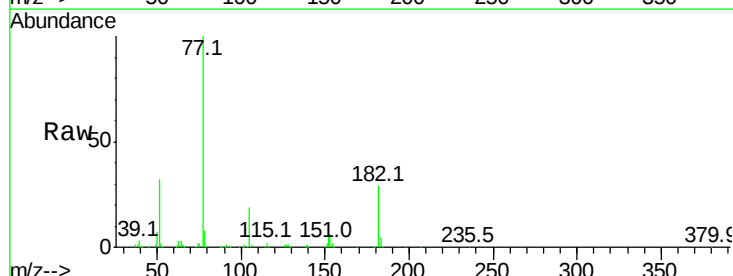
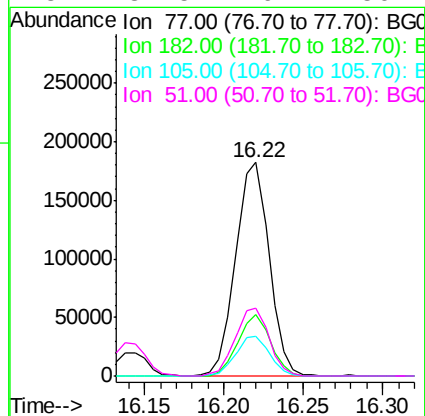
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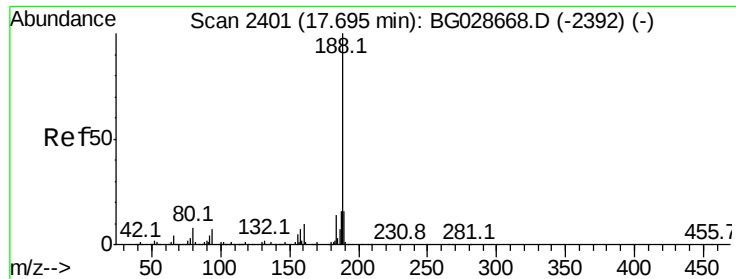
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#62  
Azobenzene  
Concen: 45.927 ng  
RT: 16.22 min Scan# 2150  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.6  | 4.7   | 44.7  |
| 105     | 18.7  | 0.0   | 36.3  |
| 51      | 31.5  | 16.4  | 56.4  |





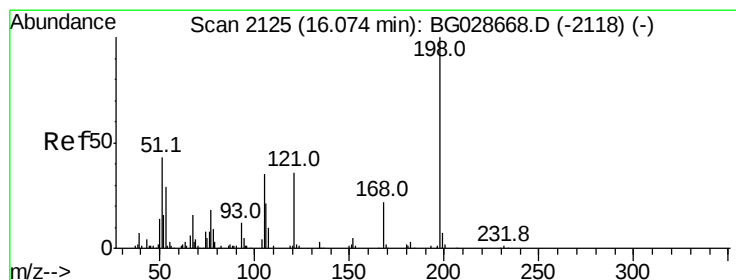
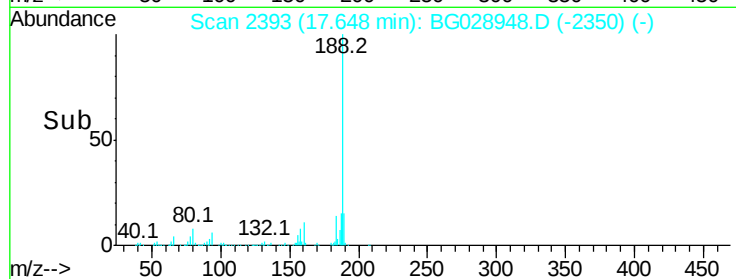
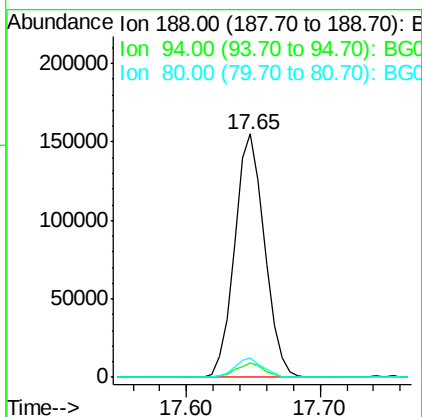
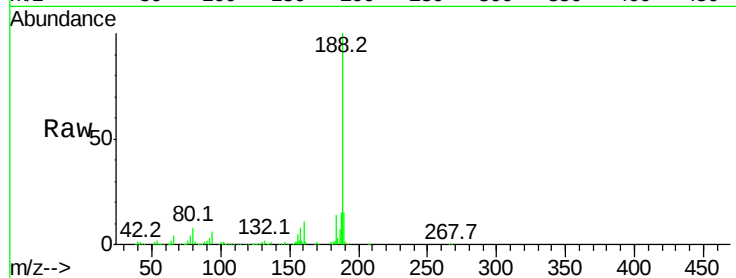
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.65 min Scan# 2393  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 6.0   | 5.8        | 8.8   |
| 80      | 8.3   | 7.5        | 11.3  |

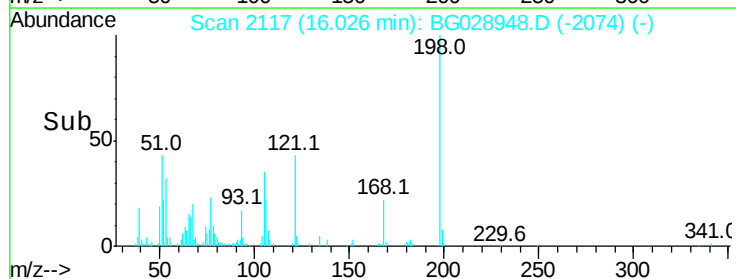
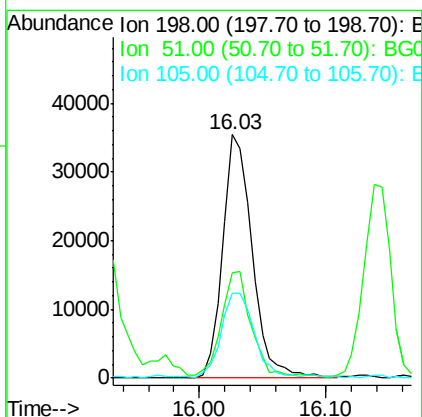
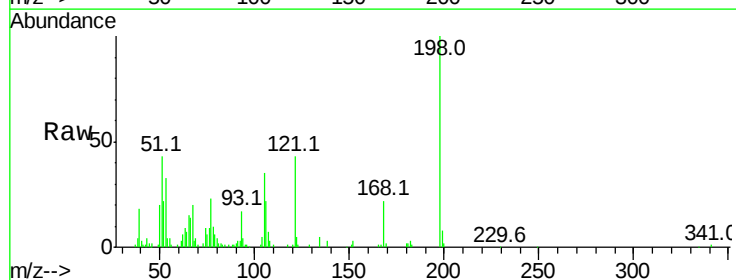
Manual Integrations  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.783 ng  
RT: 16.03 min Scan# 2117  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 43.3  | 22.6       | 62.6  |
| 105     | 34.8  | 14.4       | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 36.879 ng

RT: 16.14 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

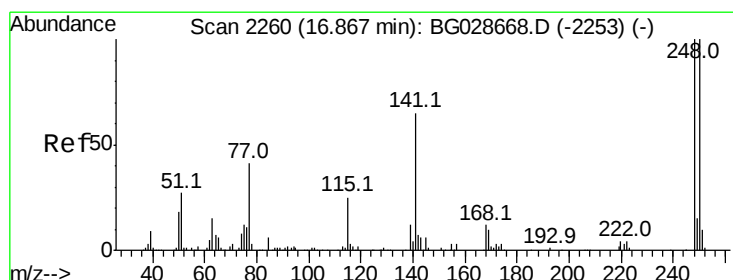
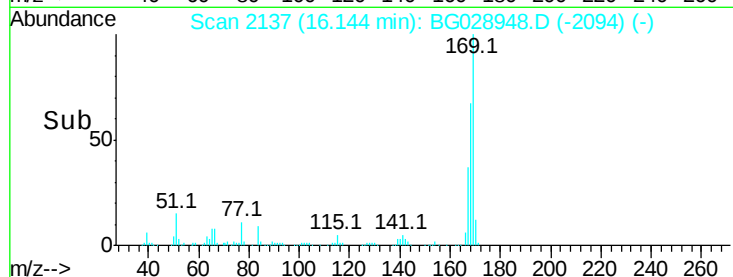
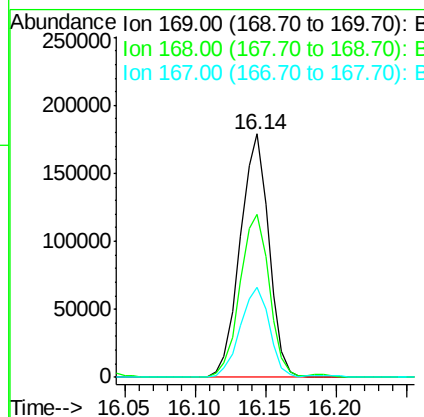
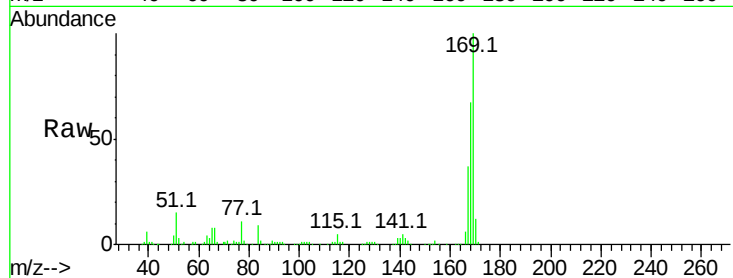
ClientSampleId :

PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 254347 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.9  | 55.7  | 83.5   |
| 167       | 37.0  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 36.612 ng

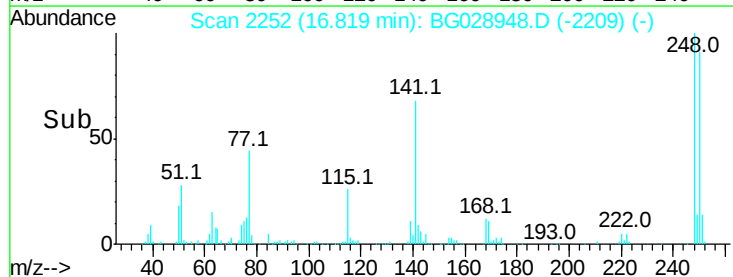
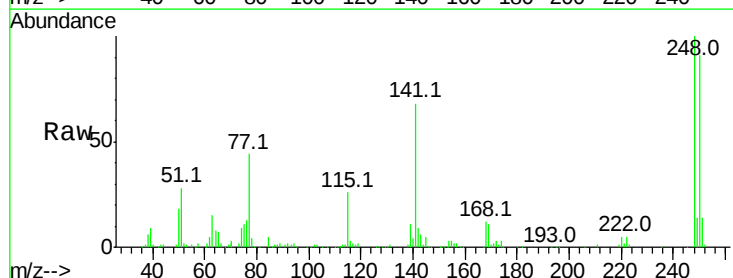
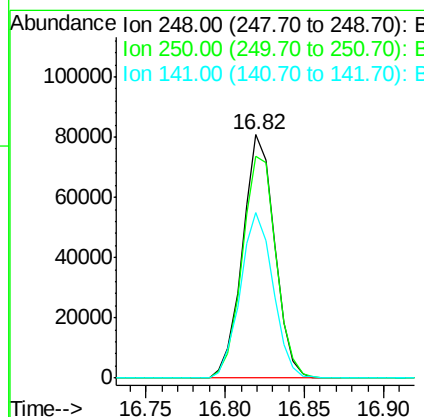
RT: 16.82 min Scan# 2252

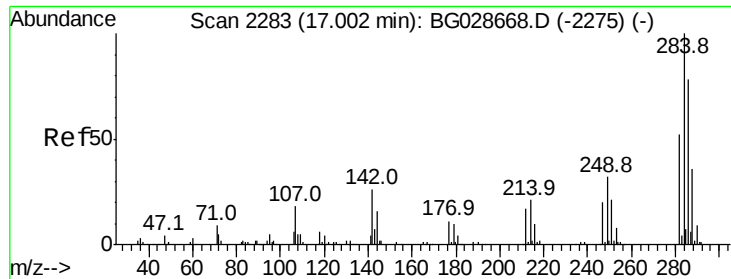
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 113339 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 91.3  | 75.0  | 112.6  |
| 141       | 68.2  | 55.2  | 82.8   |





#67

Hexachlorobenzene

Concen: 33.951 ng

RT: 16.95 min Scan# 2275

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

ClientSampled :

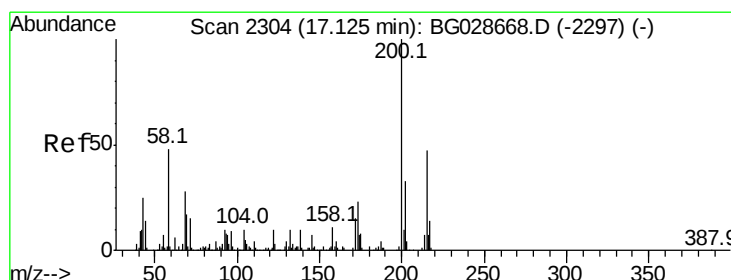
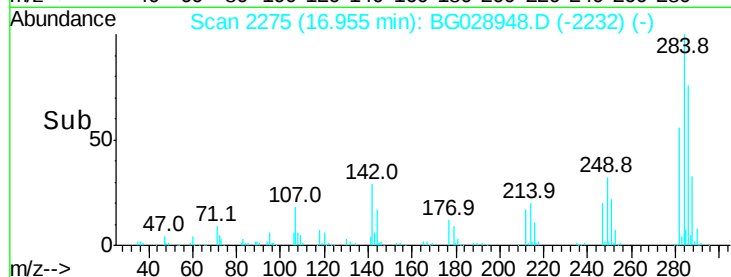
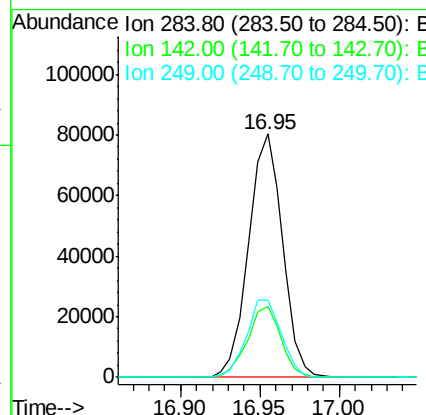
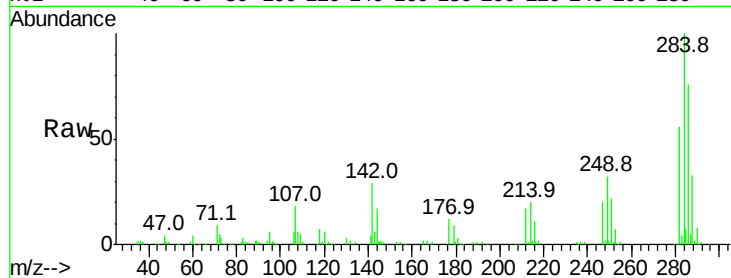
PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 119620 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 28.9  | 29.9  | 44.9#  |
| 249       | 31.9  | 29.2  | 43.8   |

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#68

Atrazine

Concen: 39.136 ng

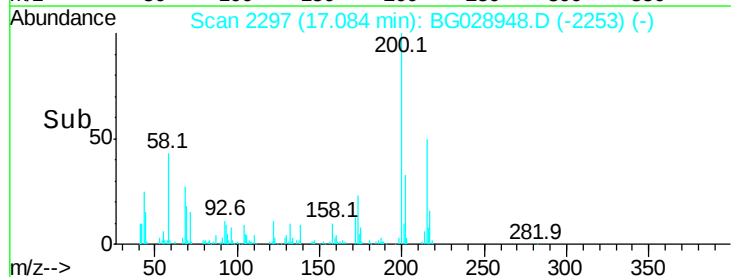
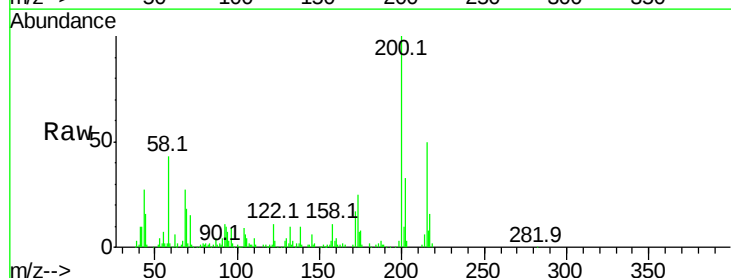
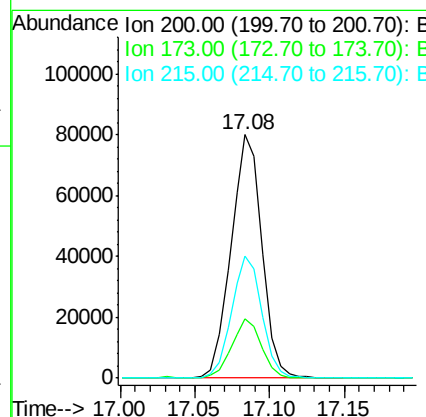
RT: 17.08 min Scan# 2297

Delta R.T. -0.04 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 115894 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.6  | 3.0   | 43.0   |
| 215       | 49.9  | 28.4  | 68.4   |





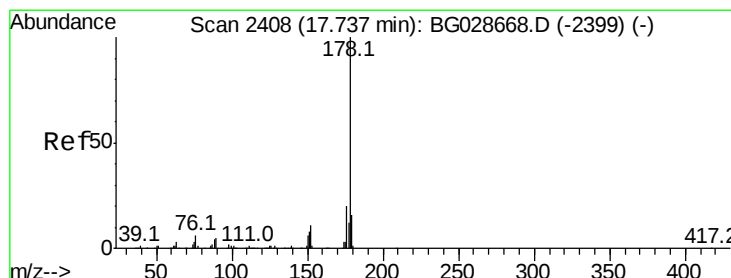
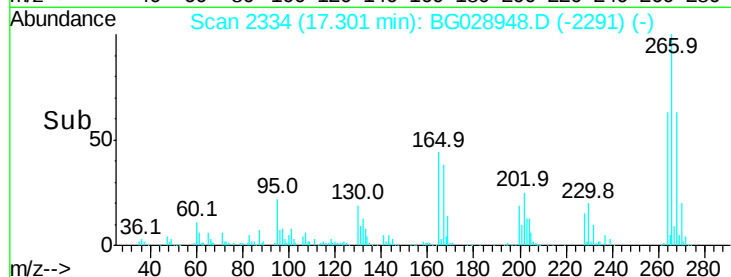
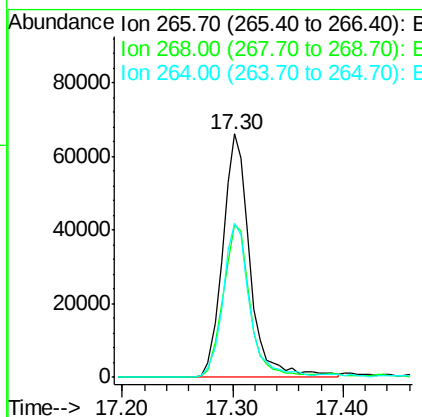
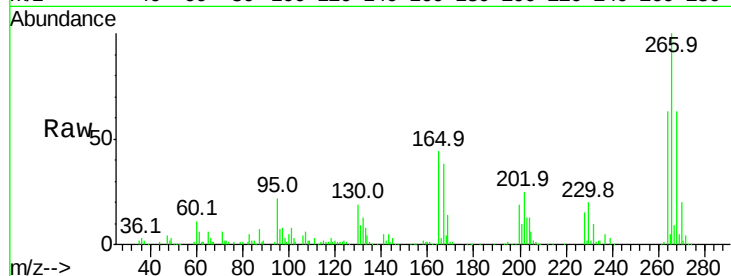
#69  
 Pentachlorophenol  
 Concen: 71.342 ng  
 RT: 17.30 min Scan# 2334  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102649BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 113572 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 62.6 | 48.6  | 72.8   |
| 264       | 63.5 | 50.1  | 75.1   |

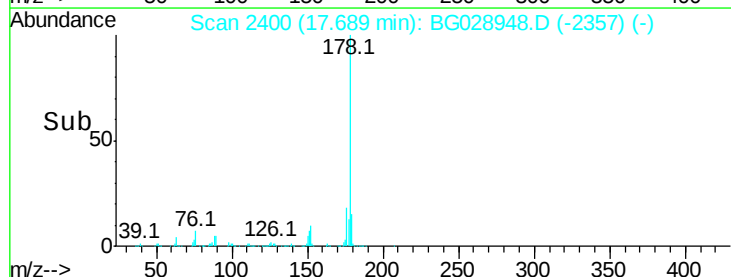
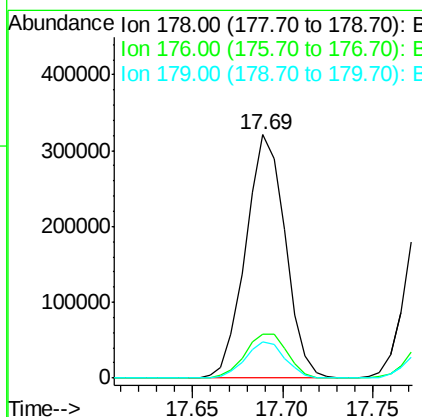
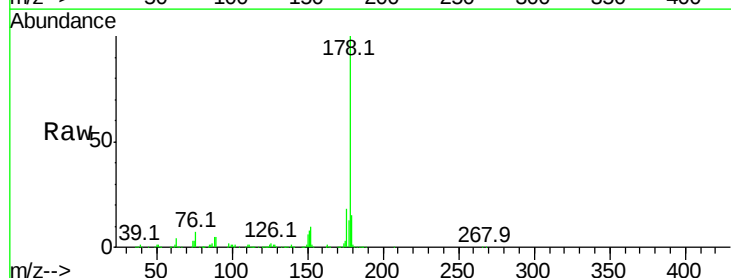
Manual Integrations  
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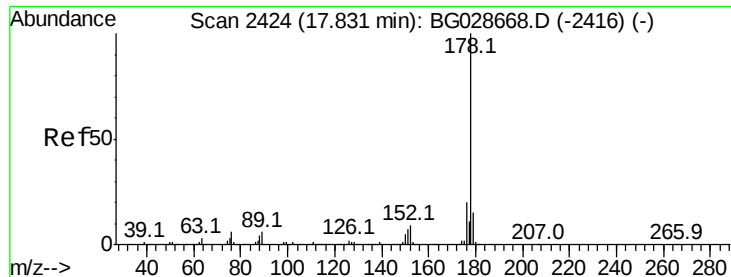
Sohil  
 9/28/2017 2:28:56 PM



#70  
 Phenanthrene  
 Concen: 39.835 ng m  
 RT: 17.69 min Scan# 2400  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 178  | Resp: | 490095 |
| Ion Ratio |      | Lower | Upper  |
| 178       | 100  |       |        |
| 176       | 18.2 | 17.7  | 26.5   |
| 179       | 14.9 | 15.0  | 22.6#  |





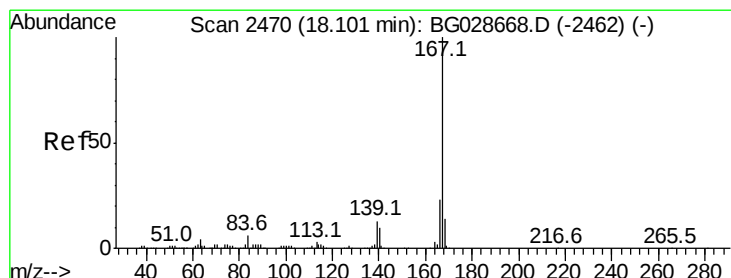
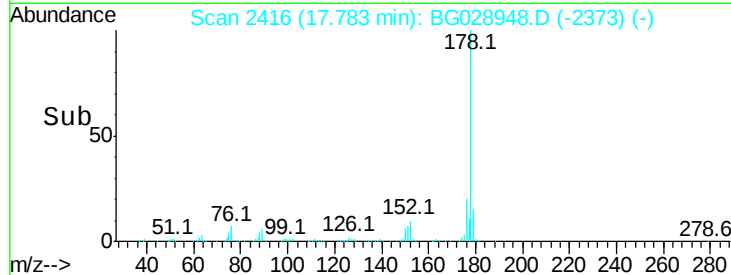
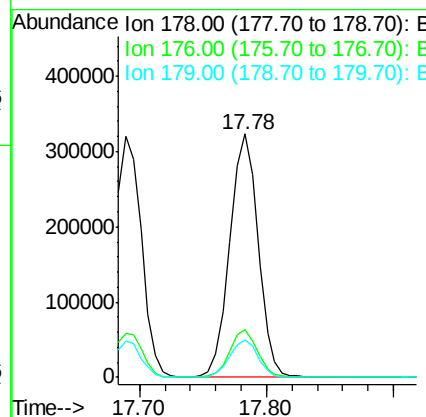
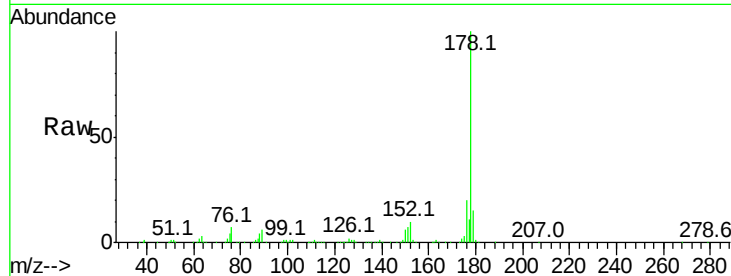
#71  
 Anthracene  
 Concen: 40.209 ng  
 RT: 17.78 min Scan# 2416  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.4  | 24.6  |
| 179     | 15.5  | 13.8  | 20.8  |

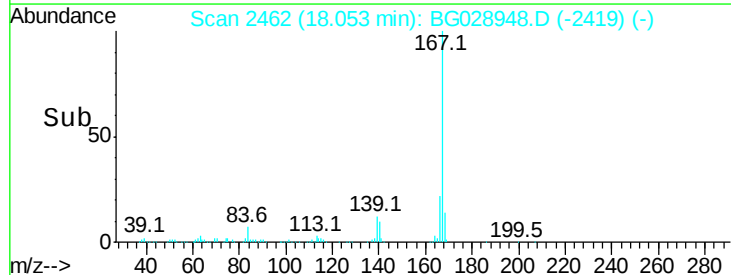
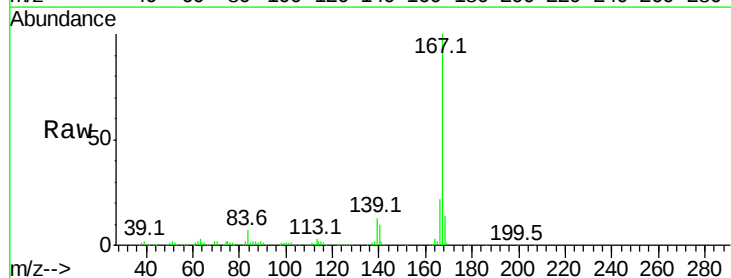
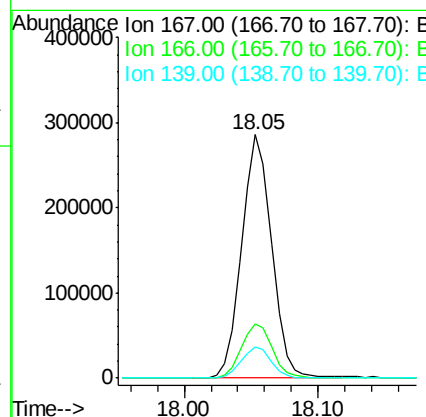
Manual Integrations  
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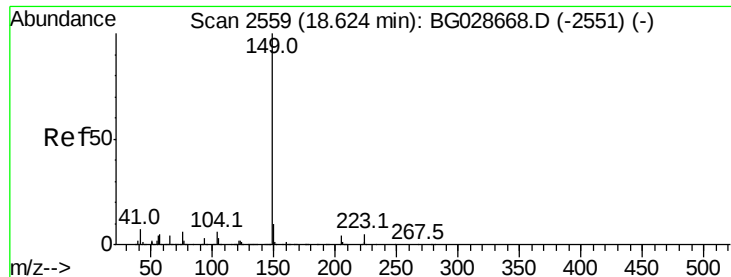
Sohil  
 9/28/2017 2:28:56 PM



#72  
 Carbazole  
 Concen: 39.742 ng  
 RT: 18.05 min Scan# 2462  
 Delta R.T. -0.05 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 20.2  | 30.2  |
| 139     | 12.7  | 12.8  | 19.2# |





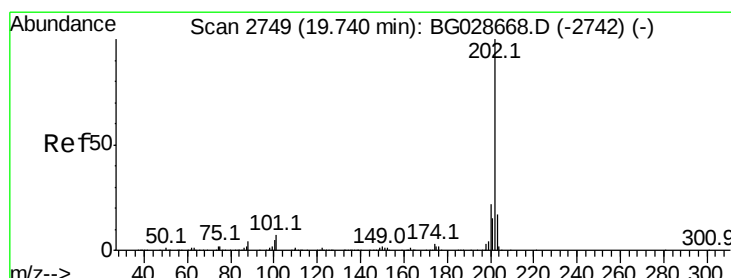
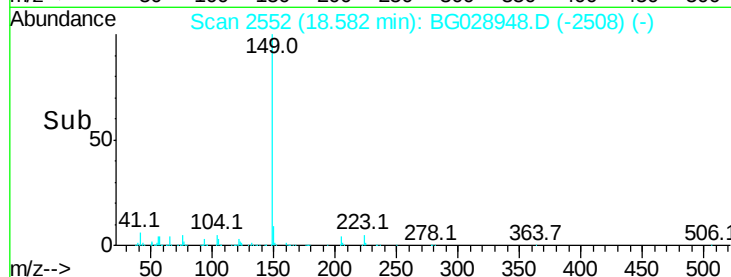
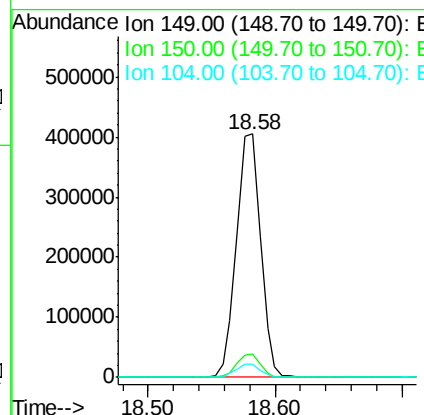
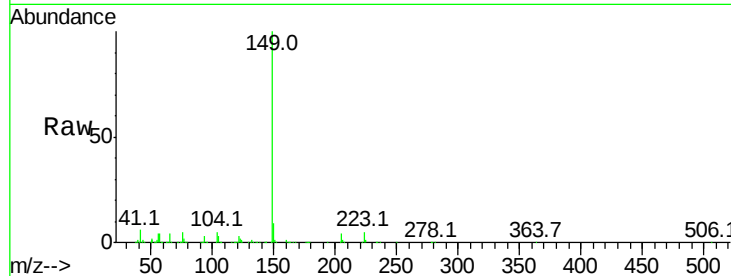
#73  
Di-n-butylphthalate  
Concen: 38.830 ng  
RT: 18.58 min Scan# 2552  
Delta R.T. -0.04 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 9.5   | 9.1        | 13.7  |
| 104     | 5.5   | 6.7        | 10.1  |

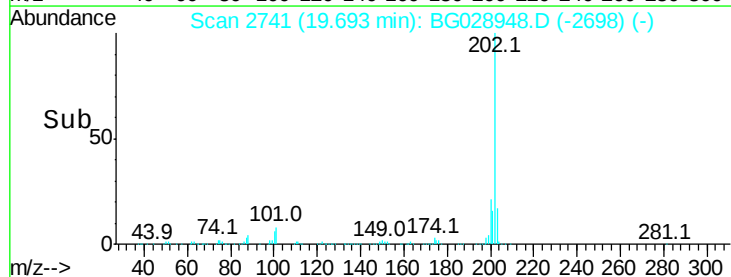
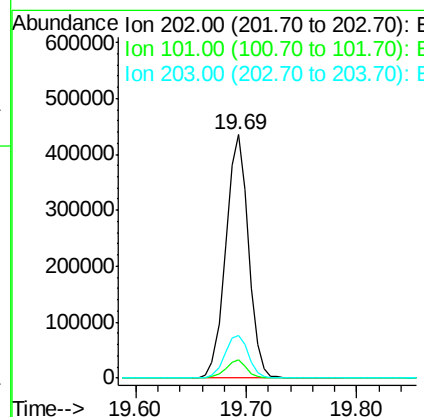
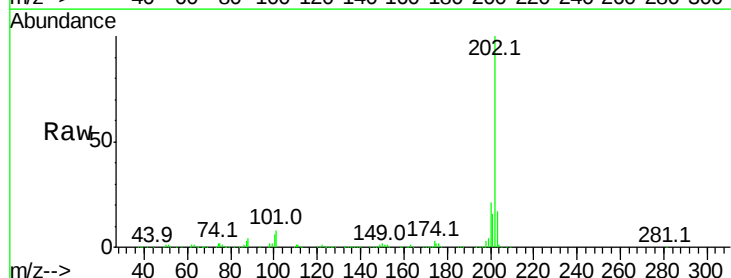
Manual Integrations  
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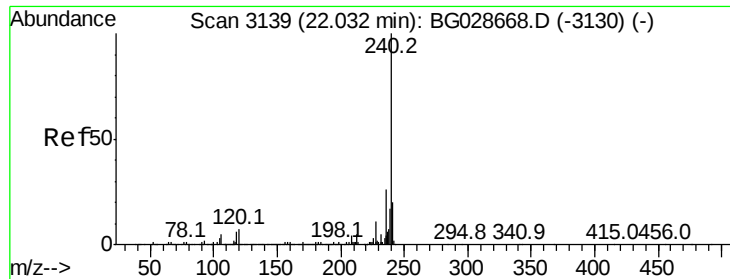
Sohil  
9/28/2017 2:28:56 PM



#74  
Fluoranthene  
Concen: 41.553 ng  
RT: 19.69 min Scan# 2741  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.6   | 0.0        | 30.1  |
| 203     | 17.5  | 1.3        | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

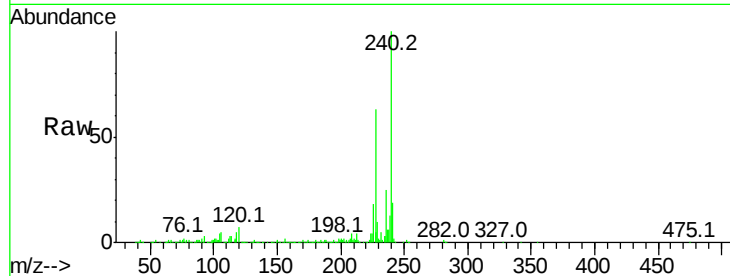
ClientSampleId :

PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.6   | 5.7   | 8.5   |
| 236     | 24.6  | 22.2  | 33.4  |

Manual Integrations  
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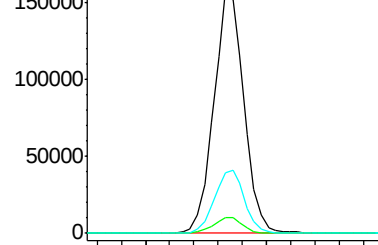
Abundance

Ion 240.00 (239.70 to 240.70): E

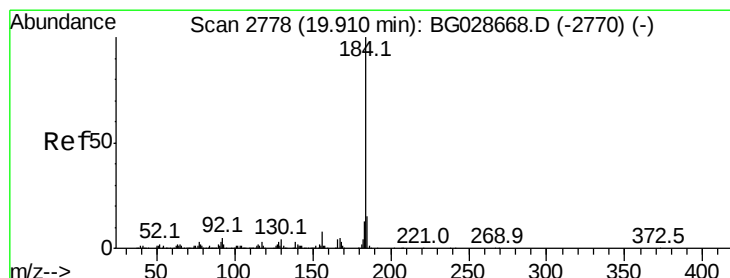
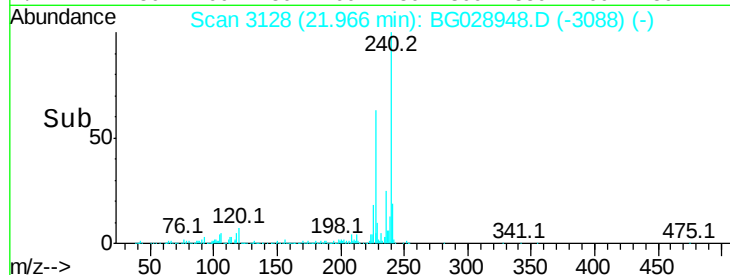
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.97



Time-->



#76

Benzidine

Concen: 22.711 ng

RT: 19.87 min Scan# 2771

Delta R.T. -0.04 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.1  | 13.0  | 19.6  |
| 183     | 11.0  | 11.0  | 16.6# |

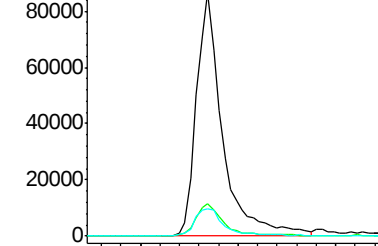
Abundance

Ion 184.00 (183.70 to 184.70): E

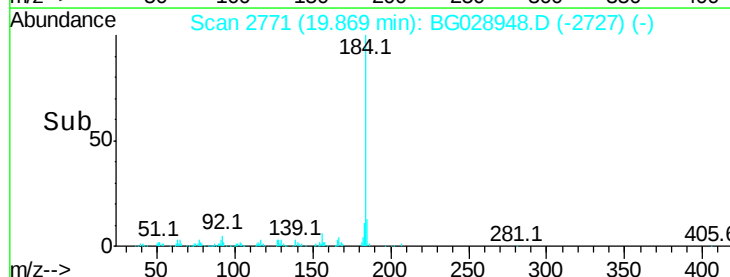
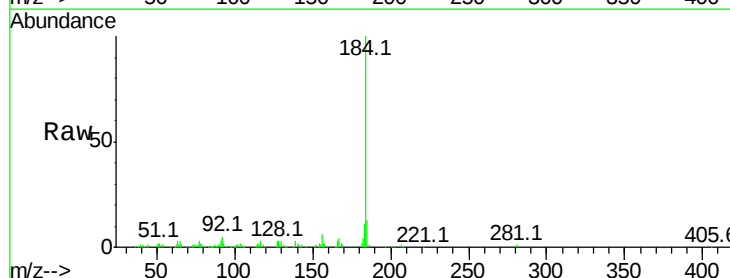
Ion 185.00 (184.70 to 185.70): E

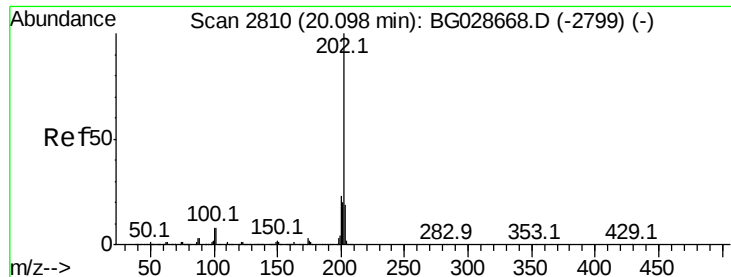
Ion 183.00 (182.70 to 183.70): E

19.87



Time-->





#77

Pvrene

Concen: 41.023 ng

RT: 20.05 min Scan# 2802

Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

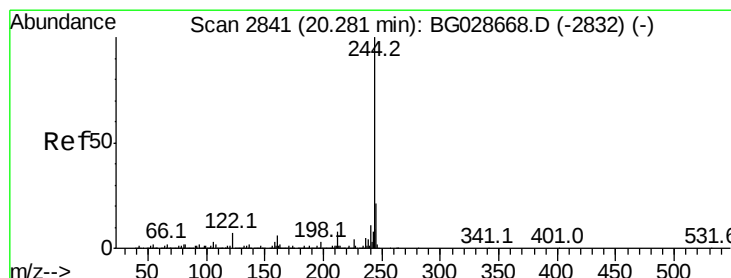
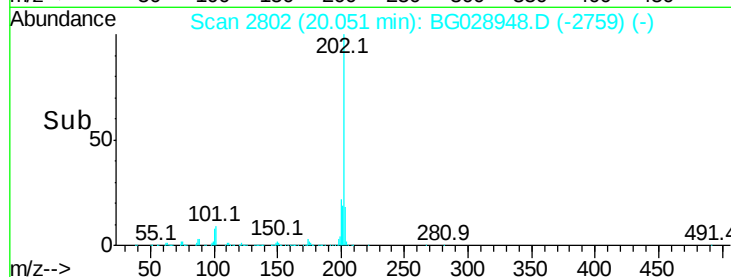
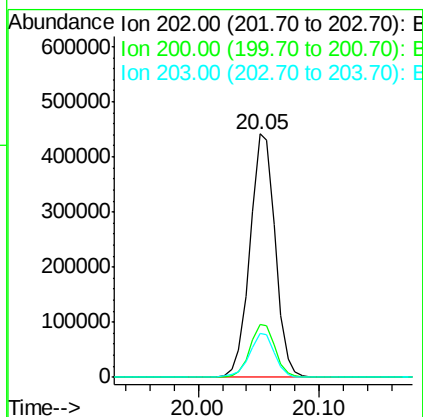
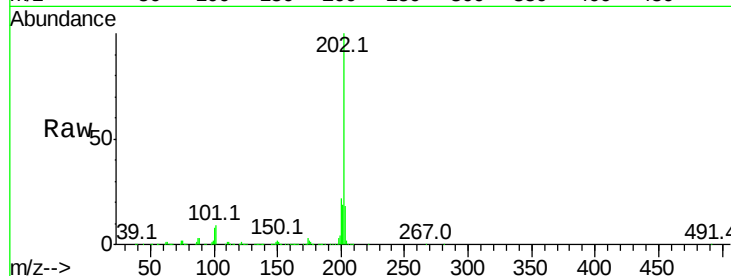
ClientSampleId :

PB102649BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 646326 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.8 | 19.6  | 29.4   |
| 203       | 17.9 | 15.8  | 23.8   |

Manual Integrations  
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#78

Terphenyl-d14

Concen: 78.273 ng

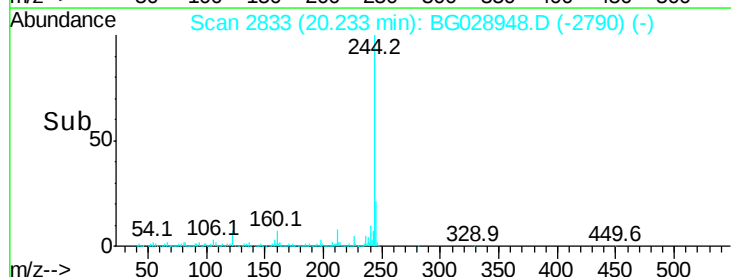
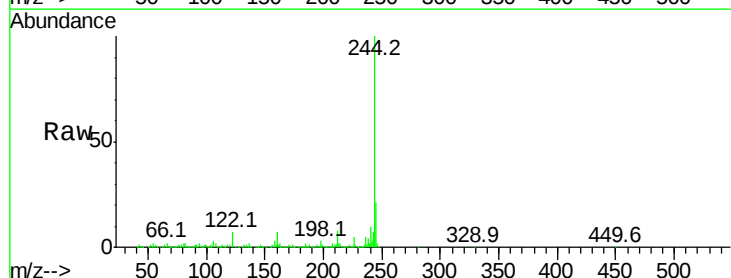
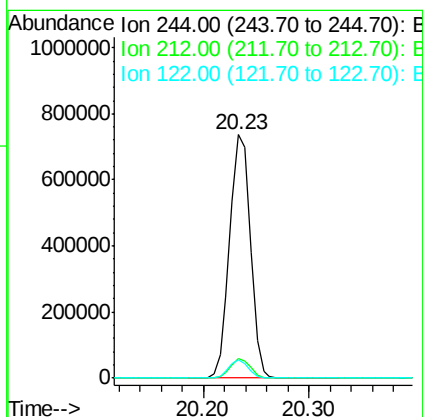
RT: 20.23 min Scan# 2833

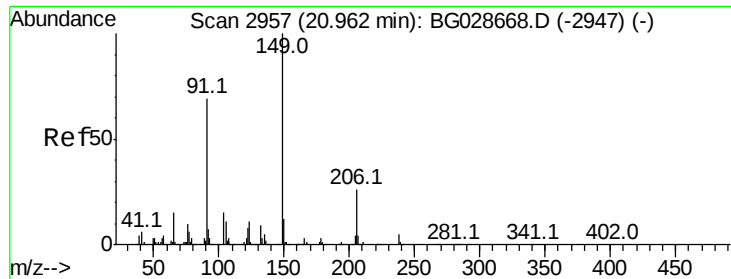
Delta R.T. -0.05 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1002536 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 8.3 | 10.0  | 15.0#   |
| 122       | 7.4 | 8.6   | 12.8#   |





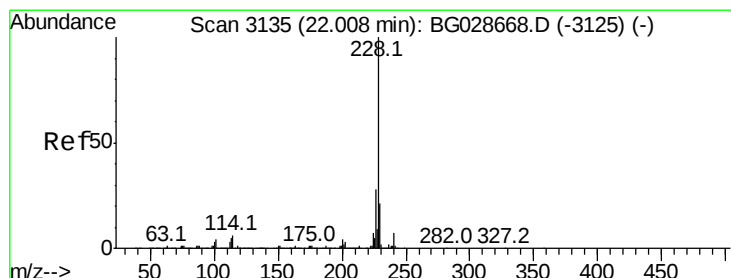
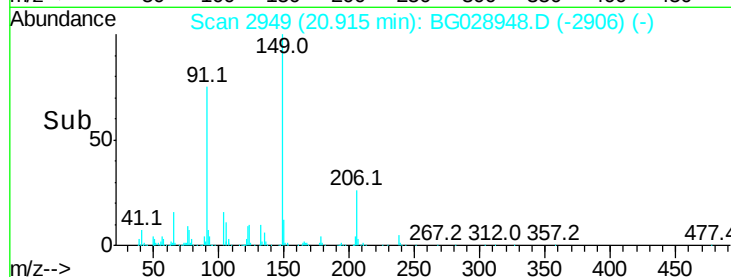
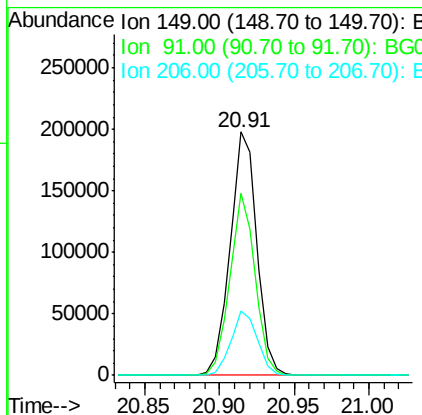
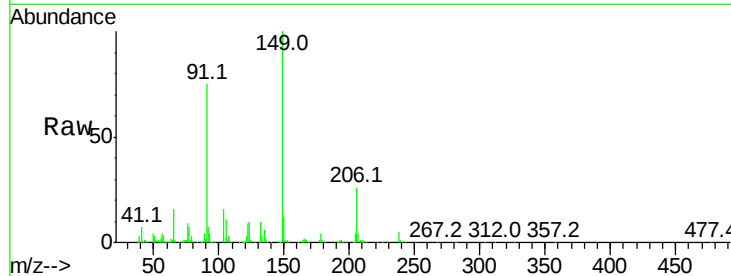
#79  
Butylbenzylphthalate  
Concen: 39.067 ng  
RT: 20.91 min Scan# 2949  
Delta R.T. -0.05 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleID :  
PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.9  | 63.5  | 95.3  |
| 206     | 26.2  | 21.0  | 31.6  |

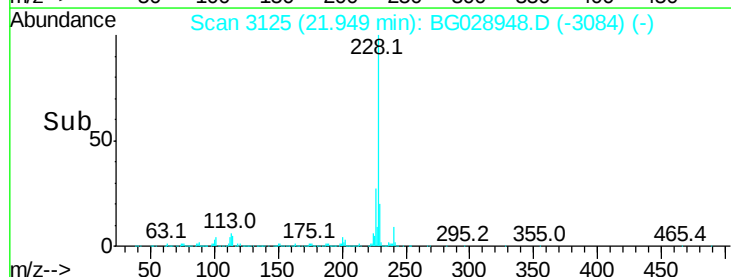
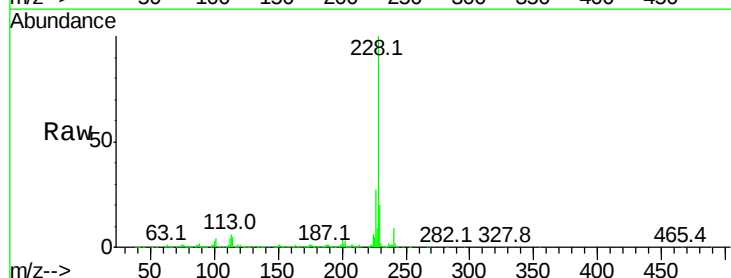
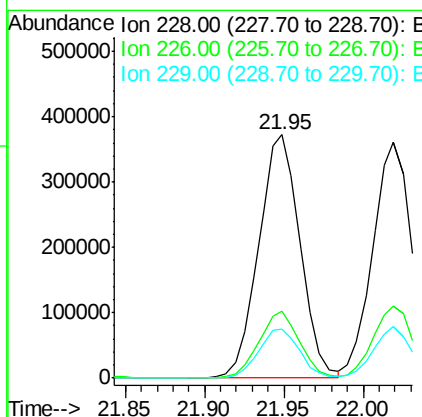
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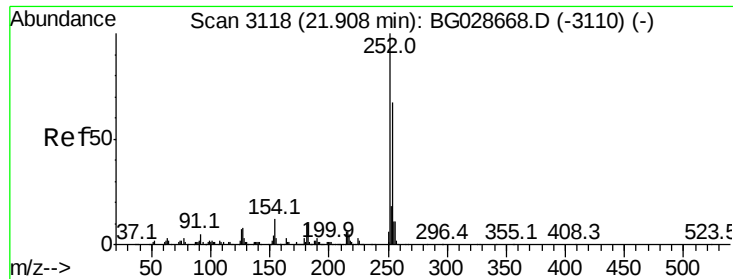
Sohil  
9/28/2017 2:28:56 PM



#80  
Benzo(a)anthracene  
Concen: 40.937 ng  
RT: 21.95 min Scan# 3125  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 24.9  | 37.3  |
| 229     | 19.9  | 18.2  | 27.2  |





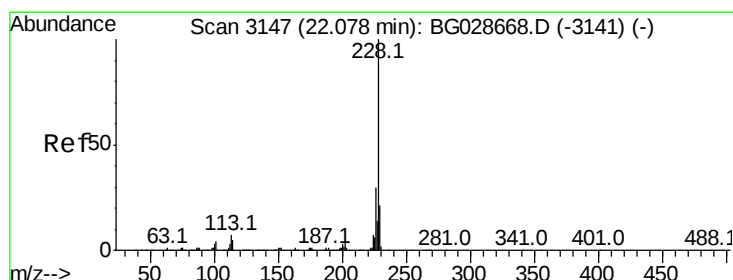
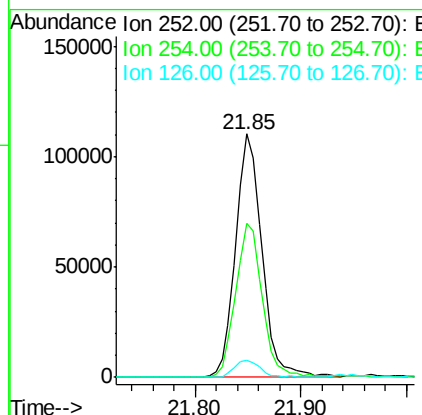
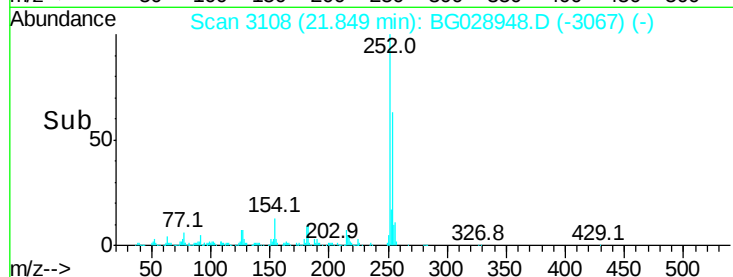
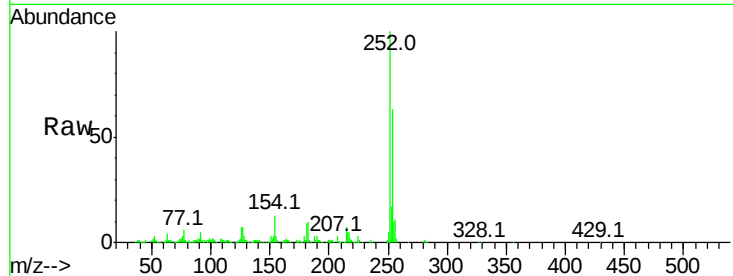
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.491 ng  
 RT: 21.85 min Scan# 3108  
 Delta R.T. -0.06 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102649BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 252  | Resp: | 189924 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.1 | 53.1  | 79.7   |
| 126       | 6.9  | 7.0   | 10.4   |

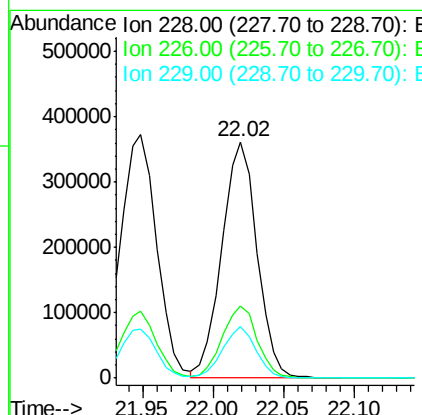
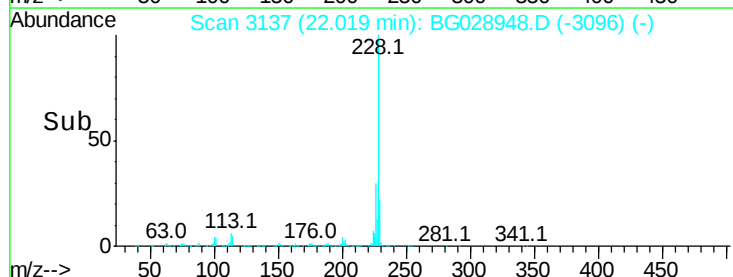
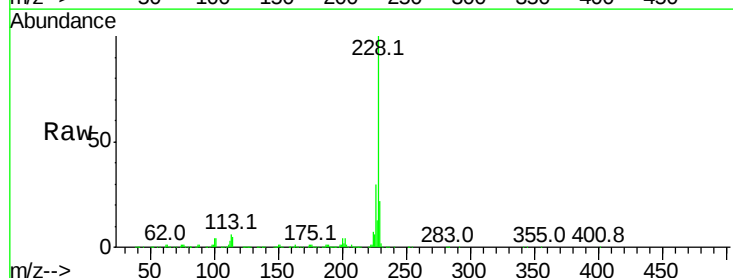
Manual Integrations  
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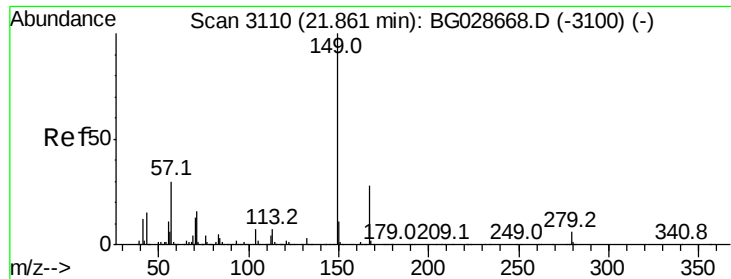
Sohil  
 9/28/2017 2:28:56 PM



#82  
 Chrysene  
 Concen: 39.959 ng  
 RT: 22.02 min Scan# 3137  
 Delta R.T. -0.06 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 623368 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 30.3 | 27.0  | 40.4   |
| 229       | 22.0 | 17.8  | 26.6   |





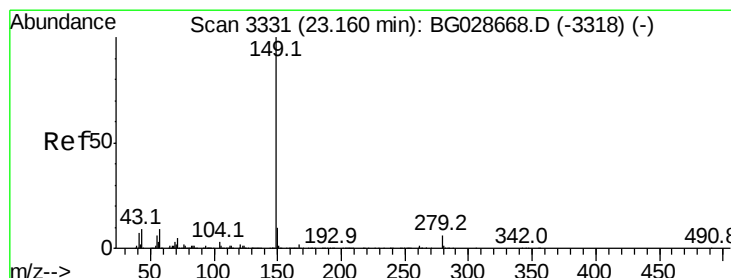
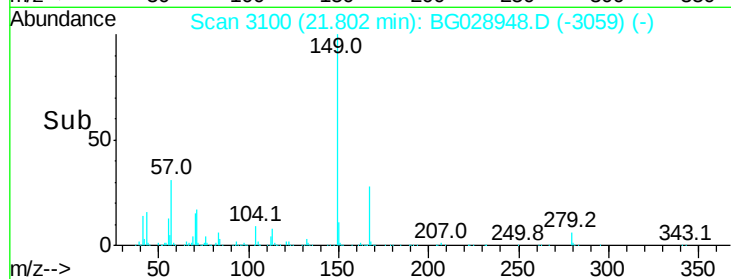
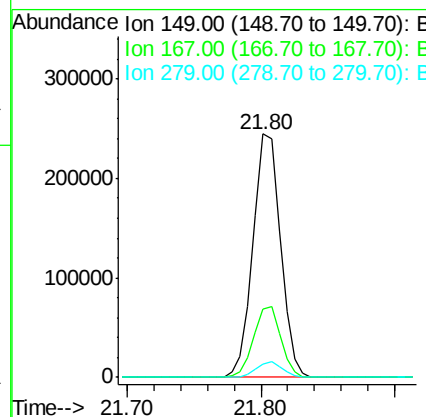
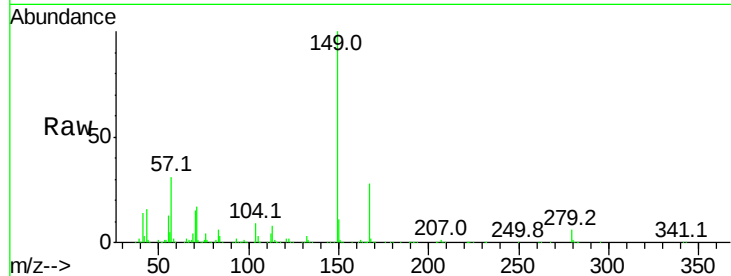
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 38.329 ng  
RT: 21.80 min Scan# 3100  
Delta R.T. -0.06 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
PB102649BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 346723 |       |       |
| 167     | 28.1  | 23.7   | 35.5  |       |
| 279     | 5.5   | 4.6    | 6.8   |       |

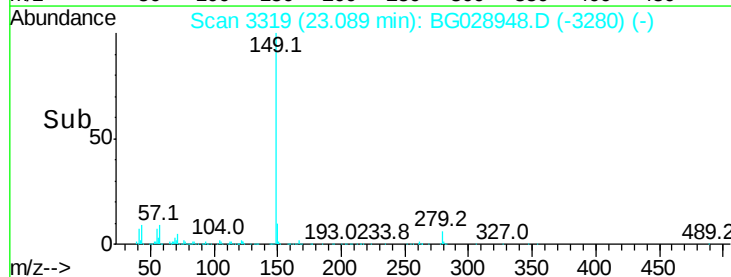
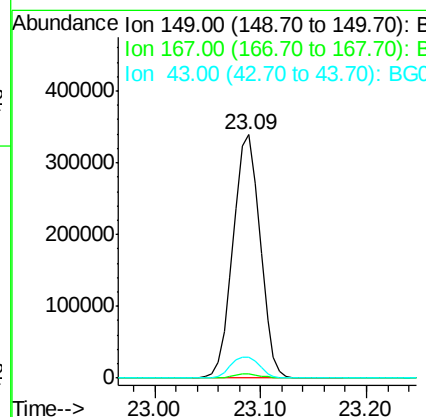
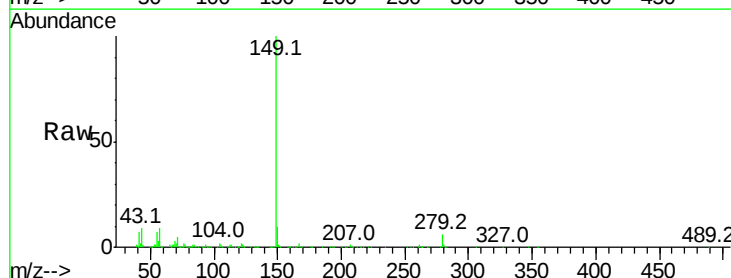
Manual Integrations  
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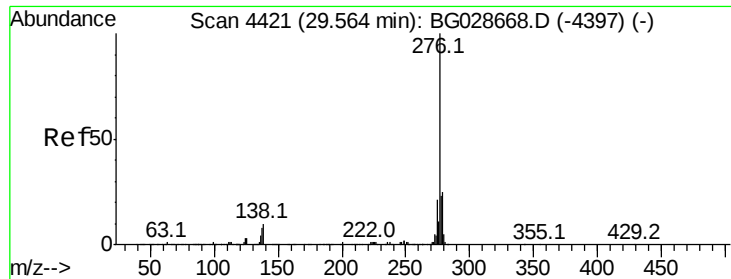
Sohil  
9/28/2017 2:28:56 PM



#84  
Di-n-octyl phthalate  
Concen: 38.009 ng  
RT: 23.09 min Scan# 3319  
Delta R.T. -0.07 min  
Lab File: BG028948.D  
Acq: 27 Sep 2017 18:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 600729 |       |       |
| 167     | 1.8   | 1.4    | 2.2   |       |
| 43      | 9.5   | 11.8   | 17.6  |       |





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.715 ng

RT: 29.39 min Scan# 4392

Delta R.T. -0.17 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

ClientSampleId :

PB102649BS

Tot Ion:276 Resp: 775994

Ion Ratio Lower Upper

276 100

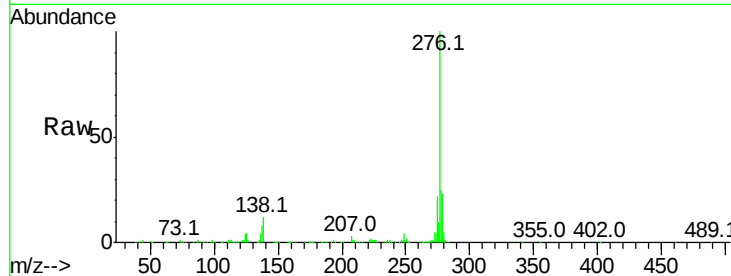
138 7.4 4.7 7.1#

277 26.1 20.6 31.0

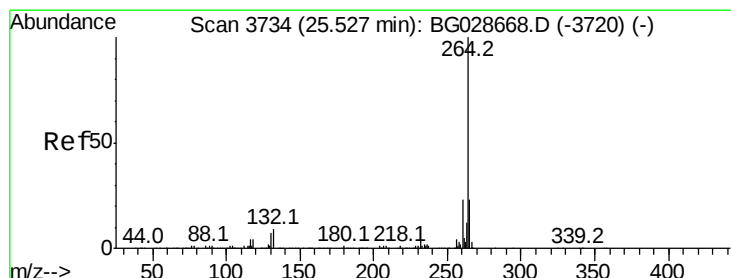
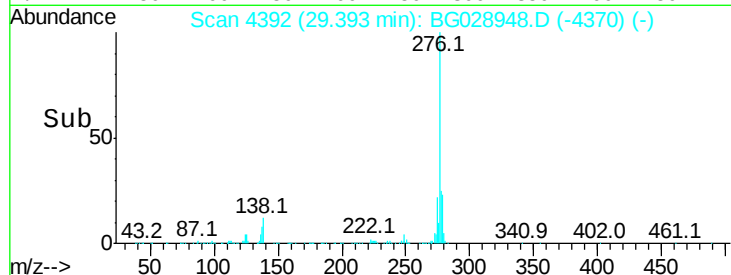
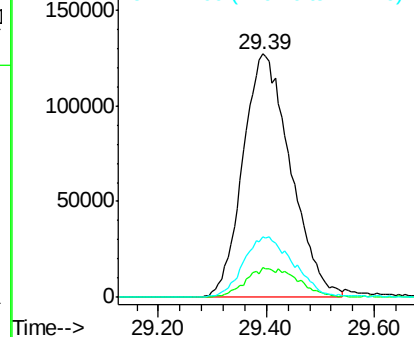
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Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3716

Delta R.T. -0.11 min

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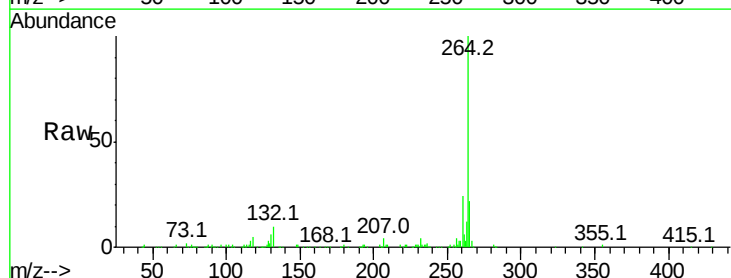
Tgt Ion:264 Resp: 283018

Ion Ratio Lower Upper

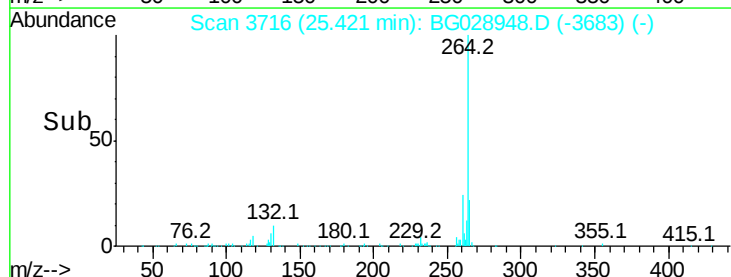
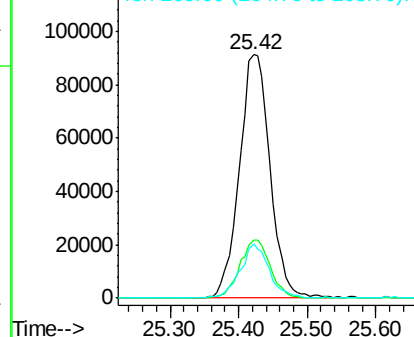
264 100

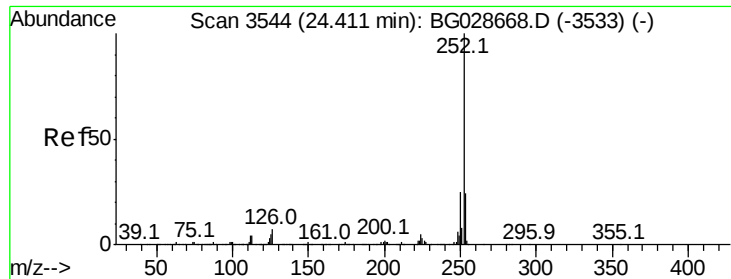
260 24.0 21.8 32.8

265 22.3 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 40.570 ng

RT: 24.32 min Scan# 3529

Delta R.T. -0.09 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

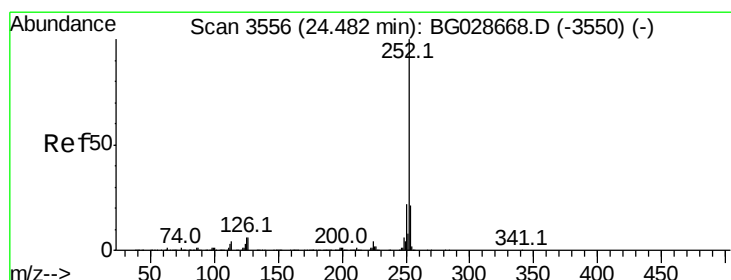
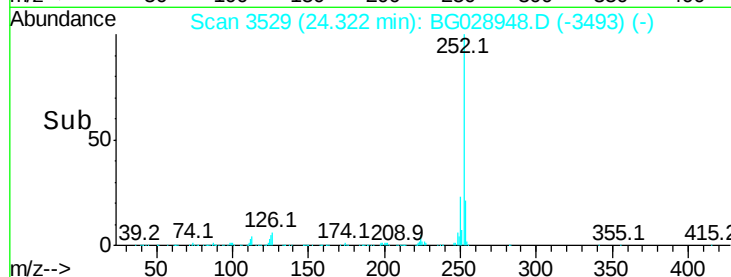
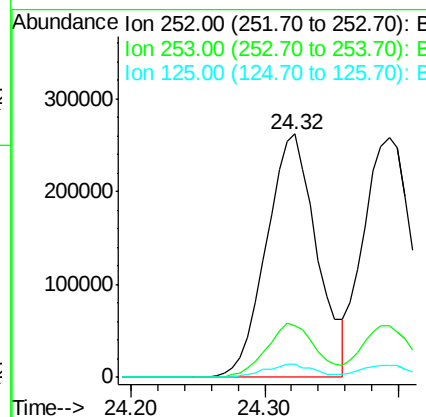
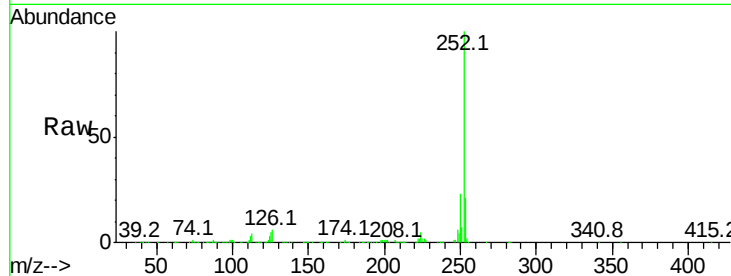
ClientSampleId :

PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 687908 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.4  | 18.7  | 28.1   |
| 125       | 5.4   | 5.3   | 7.9    |

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#88

Benzo(k)fluoranthene

Concen: 38.303 ng

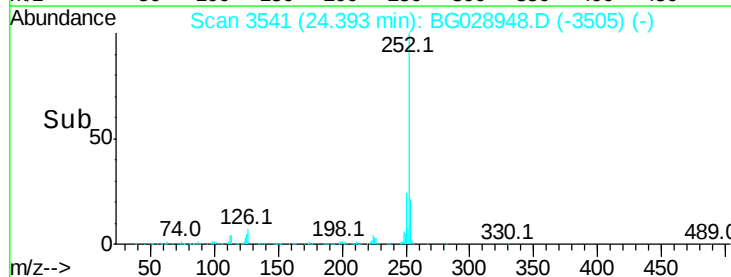
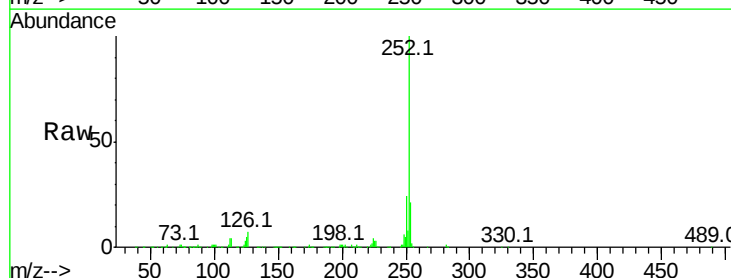
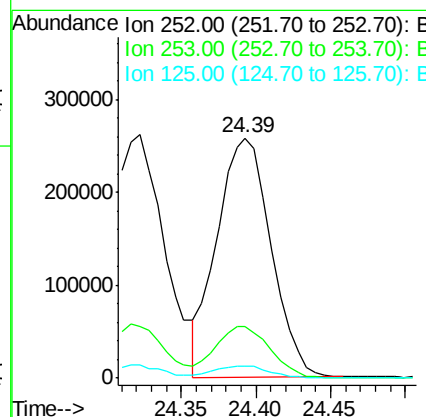
RT: 24.39 min Scan# 3541

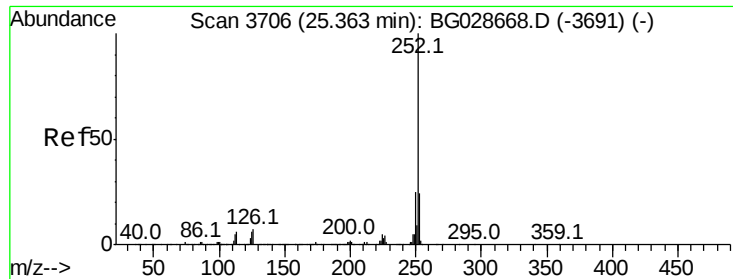
Delta R.T. -0.09 min

Lab File: BG028948.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 648742 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.4  | 20.2  | 30.2   |
| 125       | 5.2   | 5.1   | 7.7    |





#89

Benzo(a)pyrene

Concen: 40.319 ng

RT: 25.26 min Scan# 3689

Delta R.T. -0.10 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

Instrument :

BNA\_G

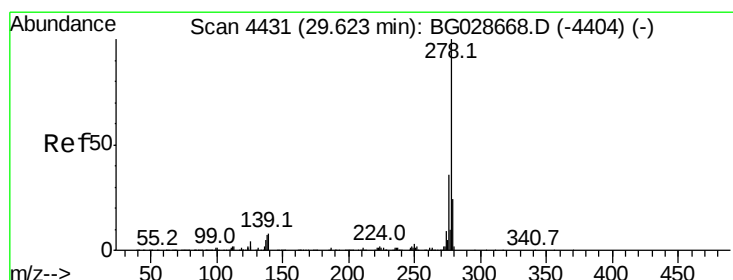
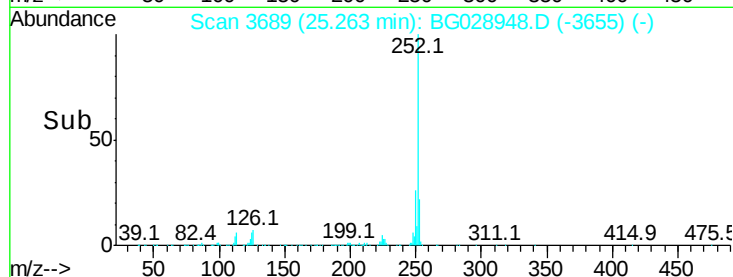
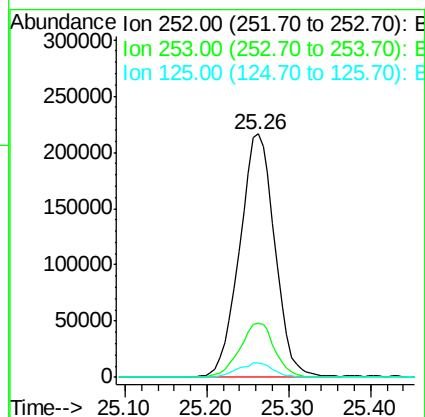
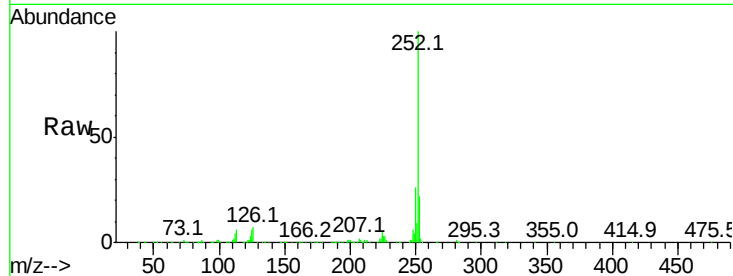
ClientSampleId :

PB102649BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 648918 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 19.2  | 28.8   |
| 125       | 6.1   | 5.4   | 8.0    |

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#90

Dibenzo(a,h)anthracene

Concen: 39.613 ng

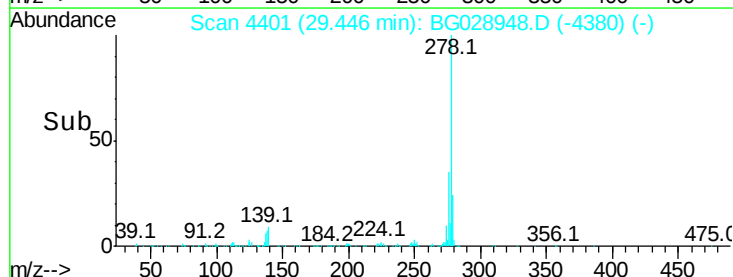
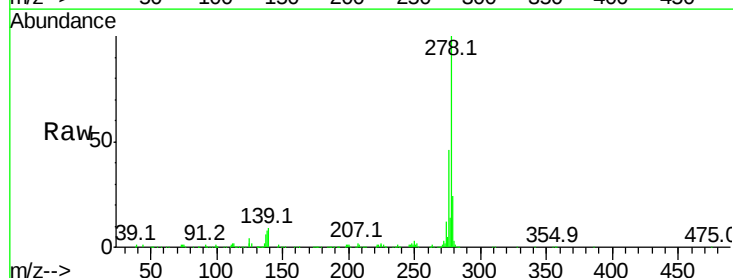
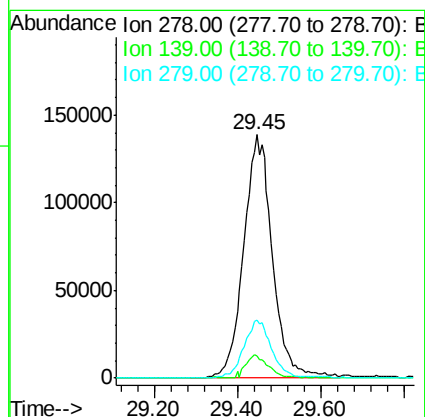
RT: 29.45 min Scan# 4401

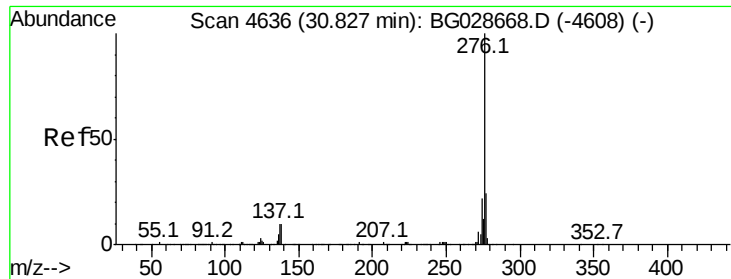
Delta R.T. -0.18 min

Lab File: BG028948.D

Acq: 27 Sep 2017 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 664696 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 8.9   | 7.7   | 11.5   |
| 279       | 23.8  | 19.1  | 28.7   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.864 ng  
 RT: 30.64 min Scan# 4605  
 Delta R.T. -0.18 min  
 Lab File: BG028948.D  
 Acq: 27 Sep 2017 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102649BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 18.6  | 27.8  |
| 138     | 11.5  | 8.1   | 12.1  |

Manual Integrations  
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