

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\  
 Data File : BG028834.D  
 Acq On : 20 Sep 2017 16:35  
 Operator : SJ/JU  
 Sample : PB102477BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:58:13 PM

Quant Time: Sep 21 03:51:47 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 | 8.29  | 152  | 32389    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 11.11 | 136  | 138856   | 20.00 | ng    | -0.04    |
| 38) Acenaphthene-d10      | 14.91 | 164  | 96424    | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 17.66 | 188  | 255347   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 21.99 | 240  | 293656   | 20.00 | ng    | -0.04    |
| 86) Perylene-d12          | 25.45 | 264  | 288480   | 20.00 | ng    | -0.07    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.86  | 112 | 273773  | 139.47 | ng | -0.04 |
| 7) Phenol-d6             | 7.45  | 99  | 382651  | 129.48 | ng | -0.04 |
| 23) Nitrobenzene-d5      | 9.46  | 82  | 233651  | 80.50  | ng | -0.04 |
| 41) 2,4,6-Tribromophenol | 16.41 | 330 | 214123  | 134.26 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 13.53 | 172 | 617443  | 85.38  | ng | -0.04 |
| 78) Terphenyl-d14        | 20.25 | 244 | 1075534 | 78.11  | ng | -0.03 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.78  | 88  | 24694  | 31.066 | ng | 91     |
| 3) Pyridine                    | 4.17  | 79  | 81268  | 35.840 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 4.10  | 42  | 40049  | 38.827 | ng | # 71   |
| 6) Aniline                     | 7.62  | 93  | 116654 | 33.916 | ng | 93     |
| 8) 2-Chlorophenol              | 7.86  | 128 | 96919  | 44.292 | ng | 90     |
| 9) Benzaldehyde                | 7.43  | 77  | 38158  | 20.811 | ng | 91     |
| 10) Phenol                     | 7.47  | 94  | 139018 | 44.571 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.70  | 93  | 87382  | 39.022 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.18  | 146 | 93678  | 39.757 | ng | 91     |
| 13) 1,4-Dichlorobenzene        | 8.32  | 146 | 99692  | 41.146 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.64  | 146 | 96025  | 40.116 | ng | 94     |
| 15) Benzyl Alcohol             | 8.53  | 79  | 94961  | 41.161 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45  | 153841 | 37.801 | ng | 95     |
| 17) 2-Methylphenol             | 8.73  | 107 | 86806  | 42.591 | ng | 95     |
| 18) Hexachloroethane           | 9.37  | 117 | 36193  | 40.757 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 9.08  | 70  | 78797  | 37.611 | ng | 88     |
| 20) 3+4-Methylphenols          | 9.05  | 107 | 120526 | 42.278 | ng | 96     |
| 22) Acetophenone               | 9.11  | 105 | 152121 | 37.468 | ng | # 85   |
| 24) Nitrobenzene               | 9.50  | 77  | 121370 | 37.761 | ng | 93     |
| 25) Isophorone                 | 10.02 | 82  | 218623 | 37.223 | ng | # 97   |
| 26) 2-Nitrophenol              | 10.22 | 139 | 53180  | 38.875 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 10.26 | 122 | 104083 | 41.625 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.49 | 93  | 126677 | 39.717 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.76 | 162 | 105178 | 42.275 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.97 | 180 | 113951 | 40.149 | ng | 97     |
| 31) Naphthalene                | 11.16 | 128 | 294923 | 40.667 | ng | 98     |
| 32) Benzoic acid               | 10.42 | 122 | 53855  | 32.568 | ng | 84     |
| 33) 4-Chloroaniline            | 11.27 | 127 | 71311  | 23.472 | ng | 91     |
| 34) Hexachlorobutadiene        | 11.43 | 225 | 81364  | 38.921 | ng | 94     |
| 35) Caprolactam                | 12.05 | 113 | 35084m | 39.324 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 126214 | 38.981 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.74 | 142 | 228060 | 42.120 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.11 | 216 | 152818 | 38.545 | ng | # 94   |
| 40) Hexachlorocyclopentadiene  | 13.09 | 237 | 144650 | 92.595 | ng | 98     |

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Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:58:13 PM

Quant Time: Sep 21 03:51:47 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      | 13.35 | 196  | 98244    | 39.043 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.43 | 196  | 107413   | 42.481 | nq #  | 90       |
| 45) 1,1'-Biphenyl              | 13.74 | 154  | 304243   | 38.109 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.79 | 162  | 238086   | 40.887 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.00 | 65   | 91350    | 42.211 | nq #  | 87       |
| 48) Acenaphthylene             | 14.63 | 152  | 382928   | 41.161 | nq    | 99       |
| 49) Dimethylphthalate          | 14.35 | 163  | 335599   | 41.505 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.48 | 165  | 74701    | 41.520 | nq #  | 80       |
| 51) Acenaphthene               | 14.97 | 154  | 232651   | 41.168 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.82 | 138  | 50864    | 31.969 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 15.04 | 184  | 63495    | 68.279 | nq    | 95       |
| 54) Dibenzofuran               | 15.31 | 168  | 402521   | 44.664 | nq    | 94       |
| 55) 4-Nitrophenol              | 15.13 | 139  | 95346    | 81.795 | nq #  | 75       |
| 56) 2,4-Dinitrotoluene         | 15.27 | 165  | 110533   | 43.693 | nq #  | 88       |
| 57) Fluorene                   | 15.95 | 166  | 338848   | 42.115 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.54 | 232  | 104603   | 46.940 | nq #  | 93       |
| 59) Diethylphthalate           | 15.71 | 149  | 341909   | 41.148 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.94 | 204  | 196707   | 42.936 | nq    | 89       |
| 61) 4-Nitroaniline             | 15.98 | 138  | 71178    | 42.228 | nq #  | 87       |
| 62) Azobenzene                 | 16.23 | 77   | 311979   | 44.643 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 16.04 | 198  | 61035    | 37.043 | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 16.15 | 169  | 292346   | 39.938 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.83 | 248  | 135440   | 41.222 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.97 | 284  | 142361   | 38.069 | nq #  | 90       |
| 68) Atrazine                   | 17.10 | 200  | 129164   | 41.096 | nq    | 98       |
| 69) Pentachlorophenol          | 17.32 | 266  | 133146   | 78.804 | nq    | 98       |
| 70) Phenanthrene               | 17.70 | 178  | 547123   | 41.900 | nq    | 95       |
| 71) Anthracene                 | 17.80 | 178  | 561982   | 42.604 | nq    | 96       |
| 72) Carbazole                  | 18.06 | 167  | 484254   | 40.762 | nq #  | 93       |
| 73) Di-n-butylphthalate        | 18.59 | 149  | 576580   | 39.582 | nq #  | 94       |
| 74) Fluoranthene               | 19.71 | 202  | 667184   | 41.846 | nq    | 92       |
| 76) Benzidine                  | 19.88 | 184  | 207461   | 27.243 | nq    | 97       |
| 77) Pyrene                     | 20.07 | 202  | 699497   | 41.297 | nq    | 95       |
| 79) Butylbenzylphthalate       | 20.93 | 149  | 265174   | 38.764 | nq    | 89       |
| 80) Benzo(a)anthracene         | 21.96 | 228  | 717059   | 40.567 | nq    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.87 | 252  | 206379   | 28.797 | nq #  | 97       |
| 82) Chrysene                   | 22.03 | 228  | 667643   | 39.808 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.82 | 149  | 366214   | 37.656 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 23.11 | 149  | 637036   | 37.491 | nq #  | 87       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.45 | 276  | 839583   | 38.961 | nq #  | 95       |
| 87) Benzo(b)fluoranthene       | 24.35 | 252  | 718163   | 41.552 | nq    | 95       |
| 88) Benzo(k)fluoranthene       | 24.42 | 252  | 708812   | 41.057 | nq    | 96       |
| 89) Benzo(a)pyrene             | 25.29 | 252  | 708823   | 43.207 | nq    | 95       |
| 90) Dibenzo(a,h)anthracene     | 29.50 | 278  | 691771   | 40.446 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.69 | 276  | 684613   | 41.023 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

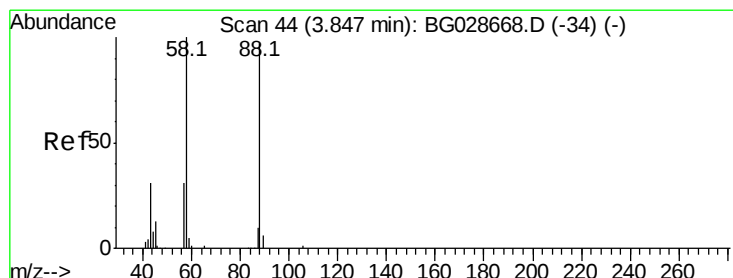
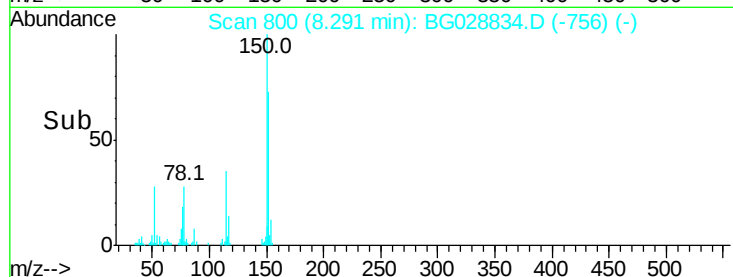
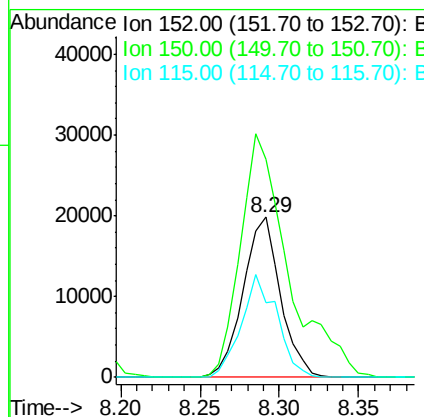
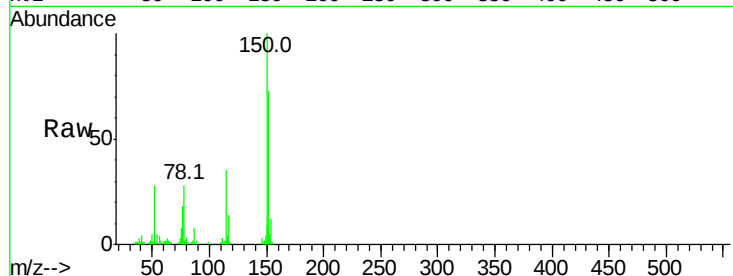
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 136.2 | 114.0 | 171.0 |
| 115     | 47.0  | 48.1  | 72.1# |



#2

1,4-Dioxane

Concen: 31.066 ng

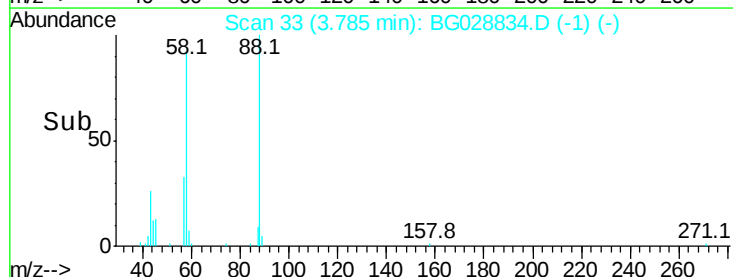
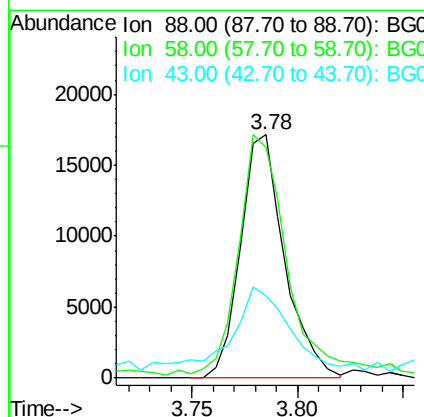
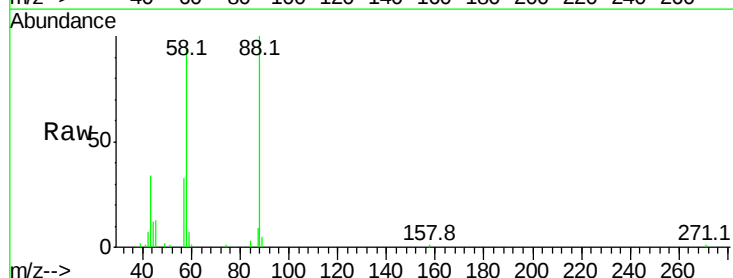
RT: 3.78 min Scan# 33

Delta R.T. -0.06 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 111.0 | 79.4  | 119.2 |
| 43      | 44.7  | 33.8  | 50.6  |





#3

Pvridine

Concen: 35.840 ng

RT: 4.17 min Scan# 99

Delta R.T. -0.07 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

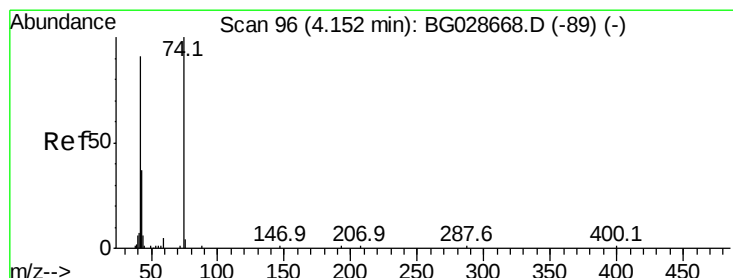
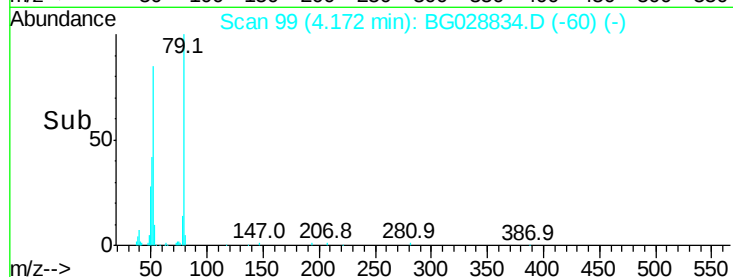
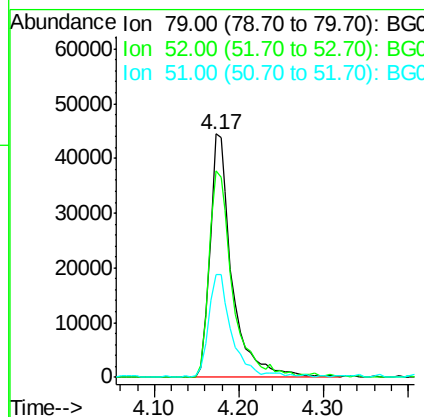
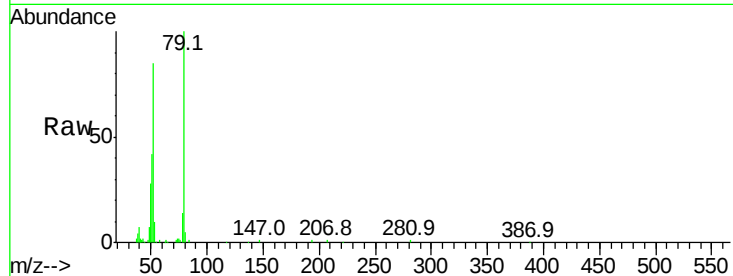
ClientSampleId :

PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 84.7  | 77.8  | 116.6 |
| 51      | 42.4  | 43.2  | 64.8# |

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#4

n-Nitrosodimethylamine

Concen: 38.827 ng

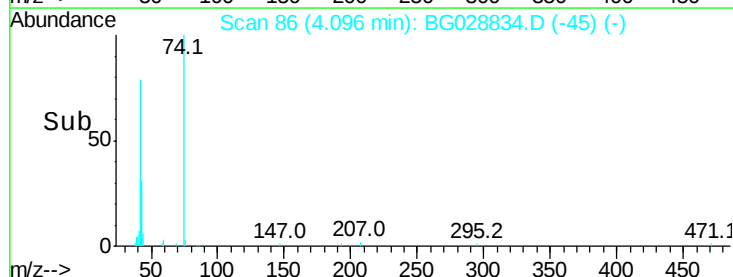
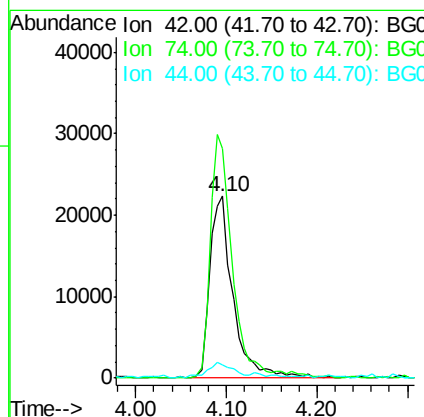
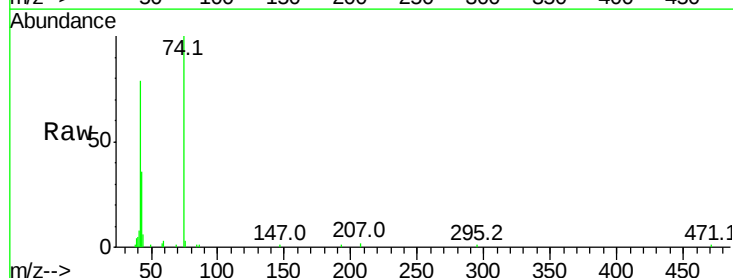
RT: 4.10 min Scan# 86

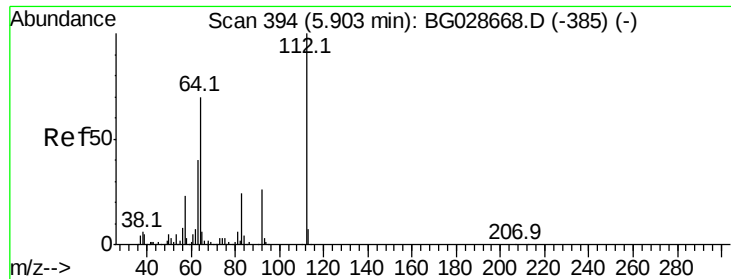
Delta R.T. -0.06 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 126.2 | 76.7  | 115.1# |
| 44      | 7.5   | 6.1   | 9.1    |





#5

2-Fluorophenol

Concen: 139.473 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

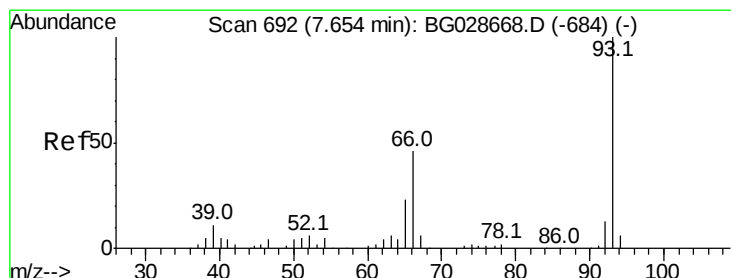
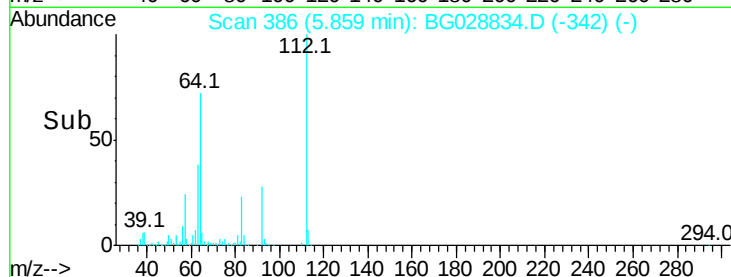
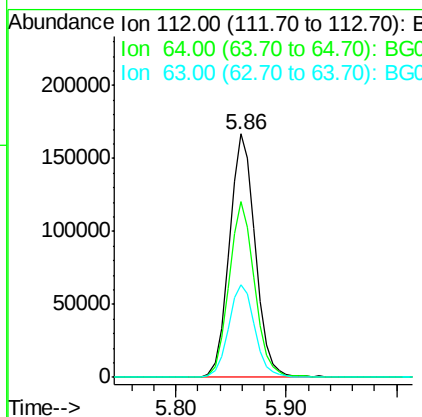
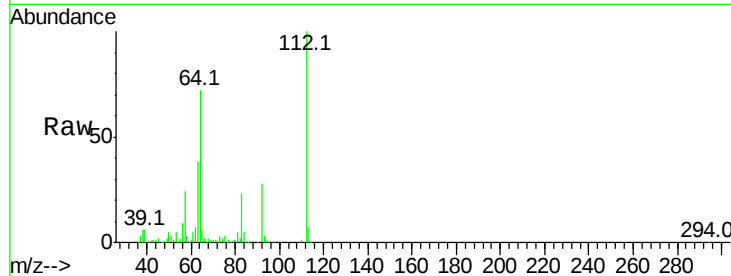
ClientSampleId :

PB102477BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 273773 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.4  | 61.8  | 92.6   |
| 63        | 38.0  | 37.2  | 55.8   |

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#6

Aniline

Concen: 33.916 ng

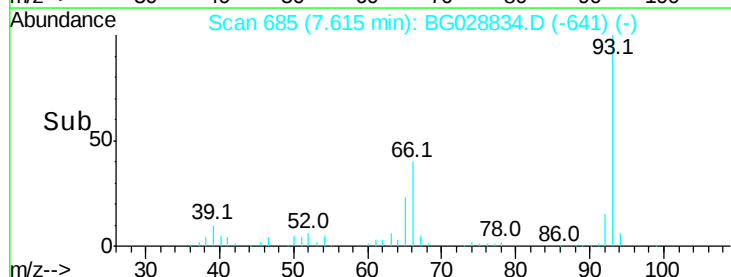
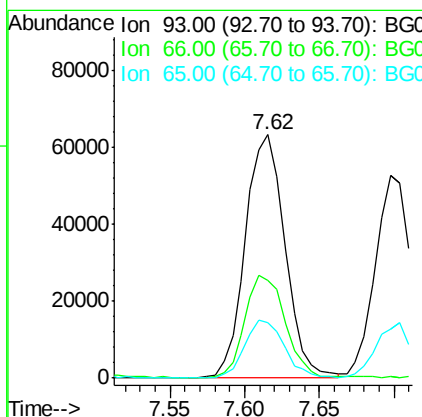
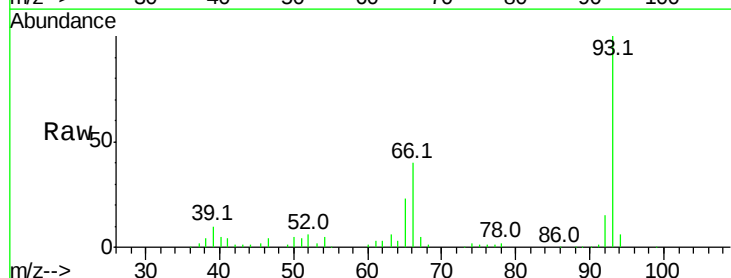
RT: 7.62 min Scan# 685

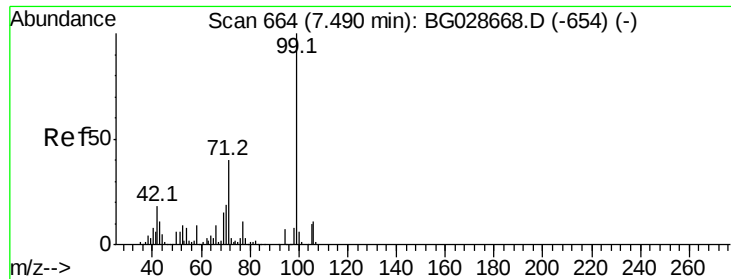
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 116654 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.0  | 35.4  | 53.2   |
| 65        | 22.8  | 21.2  | 31.8   |





#7

Phenol-d6

Concen: 129.475 ng

RT: 7.45 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

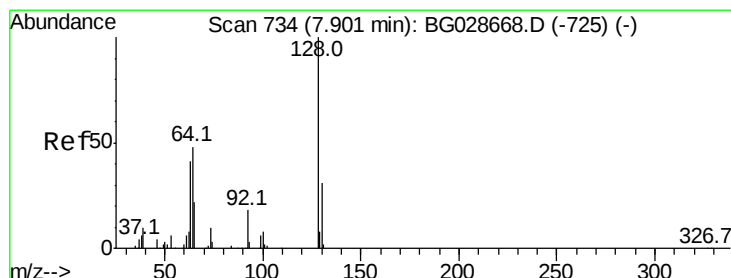
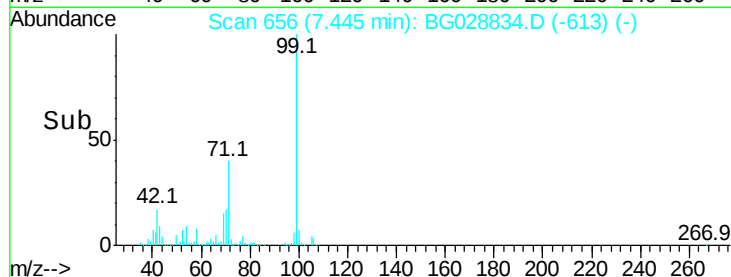
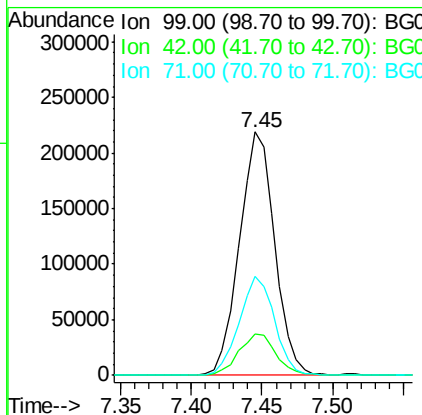
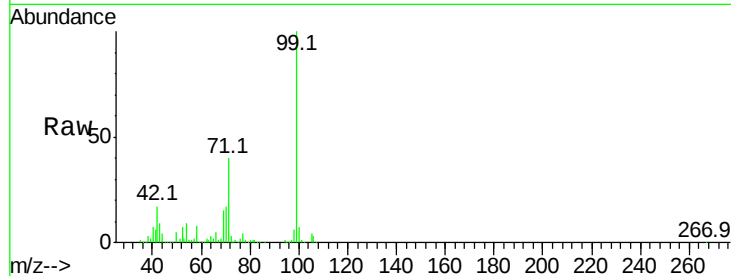
ClientSampled :

PB102477BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 382651 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.2  | 20.5  | 30.7#  |
| 71        | 40.4  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 44.292 ng

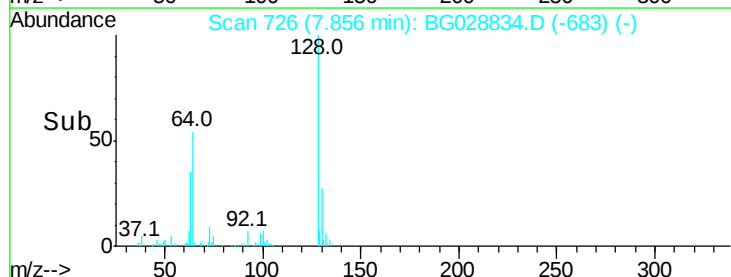
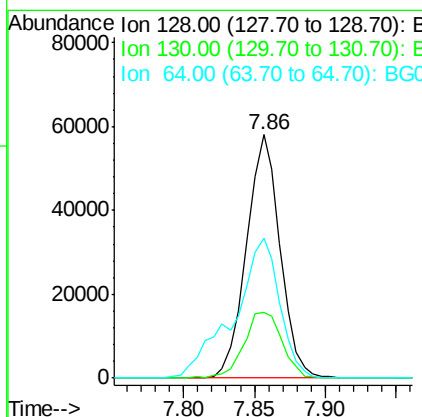
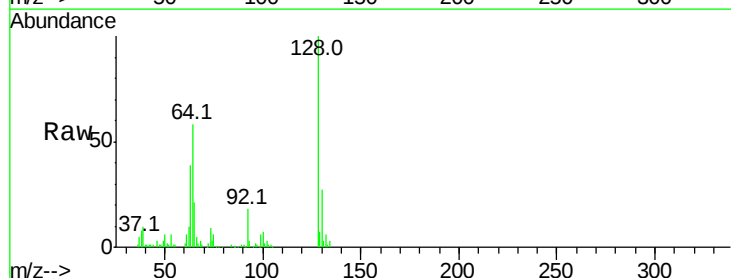
RT: 7.86 min Scan# 726

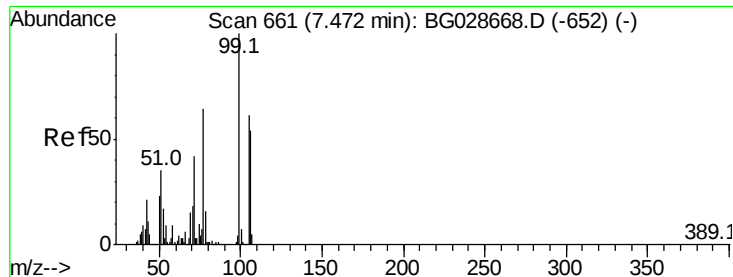
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 96919 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 27.2  | 11.4  | 51.4  |
| 64        | 57.7  | 46.6  | 86.6  |





#9

Benzaldehyde

Concen: 20.811 ng

RT: 7.43 min Scan# 653

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampled :

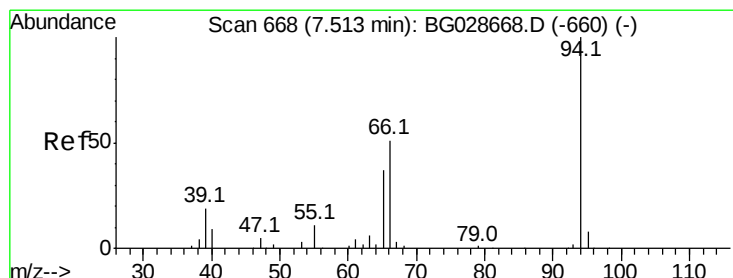
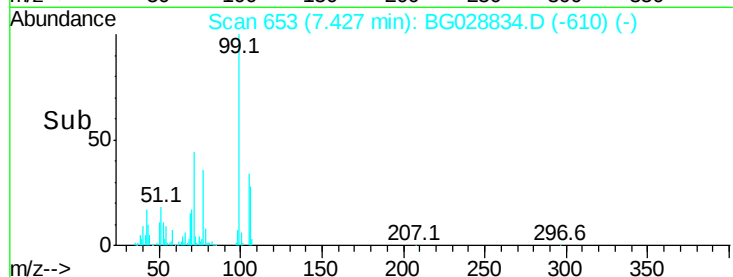
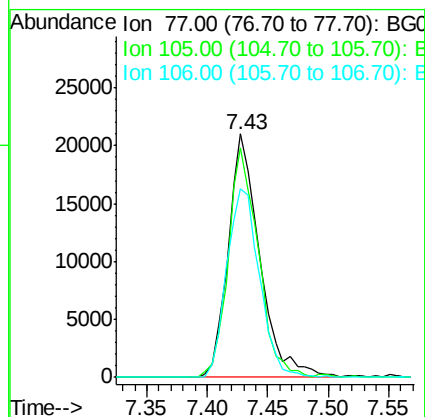
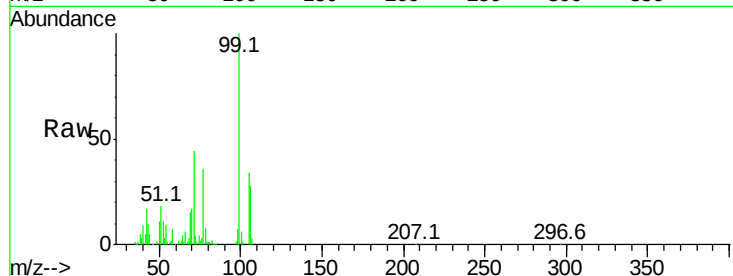
PB102477BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 38158 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 94.3  | 60.9  | 100.9 |
| 106       | 77.6  | 55.1  | 95.1  |

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#10

Phenol

Concen: 44.571 ng

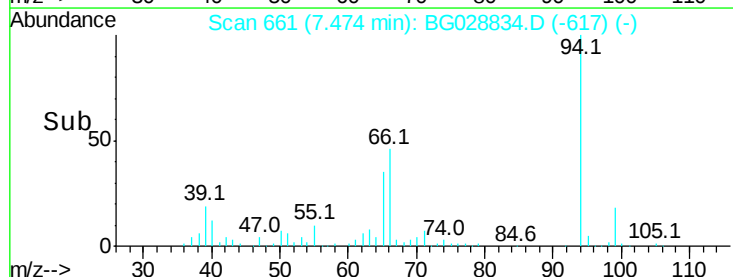
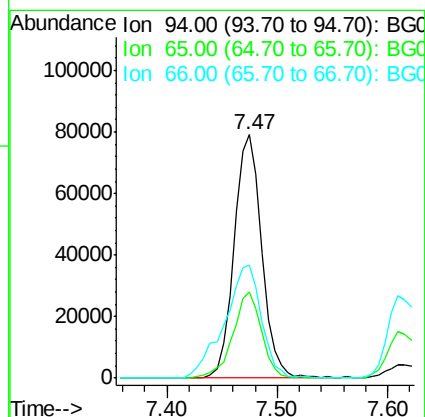
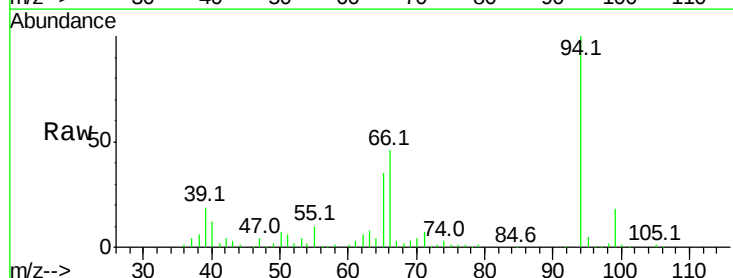
RT: 7.47 min Scan# 661

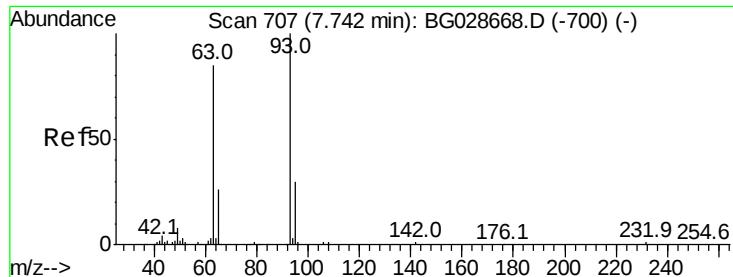
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 139018 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 35.2  | 20.6  | 60.6   |
| 66        | 46.5  | 35.5  | 75.5   |





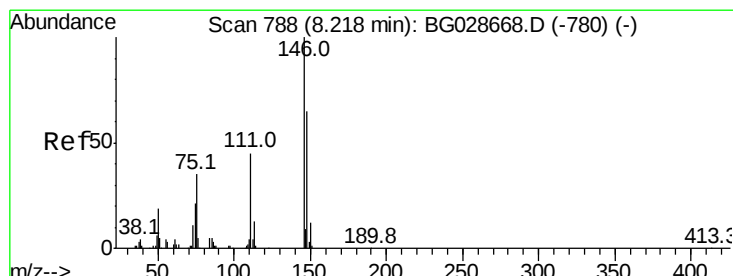
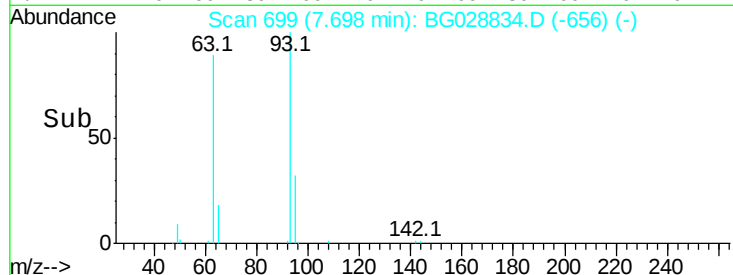
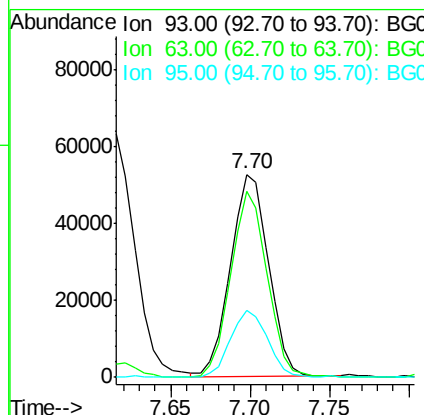
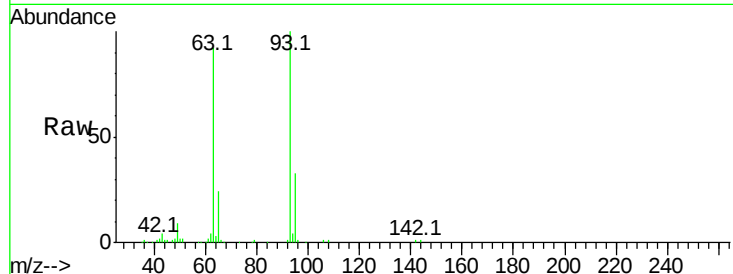
#11  
bis(2-Chloroethyl)ether  
Concen: 39.022 ng  
RT: 7.70 min Scan# 699  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 91.9  | 78.5  | 118.5 |
| 95      | 32.9  | 9.8   | 49.8  |

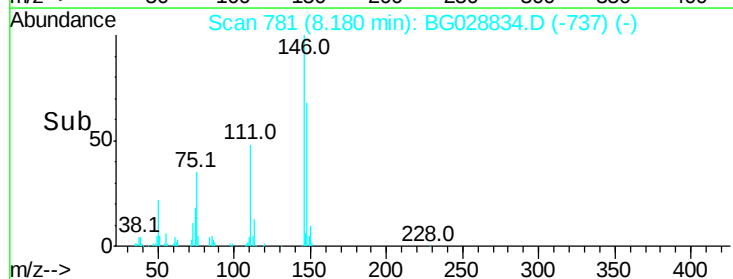
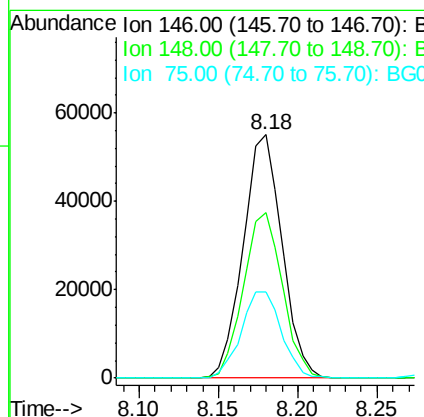
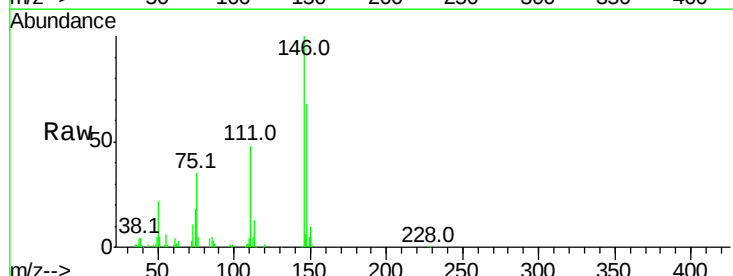
Manual Integrations  
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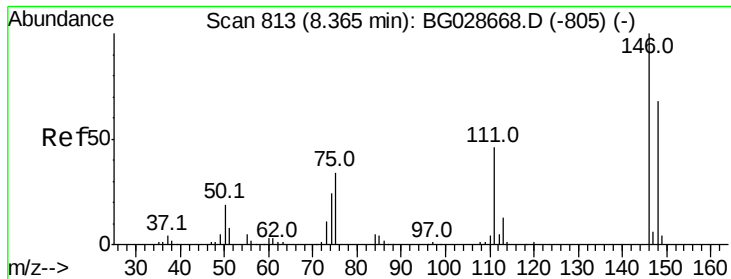
Sohil  
9/22/2017 3:58:13 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.757 ng  
RT: 8.18 min Scan# 781  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.8  | 49.2  | 73.8  |
| 75      | 35.3  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 41.146 ng

RT: 8.32 min Scan# 805

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

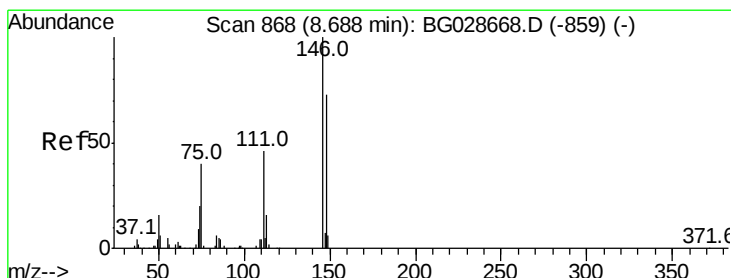
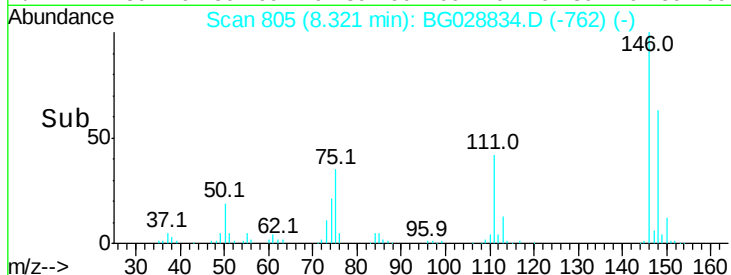
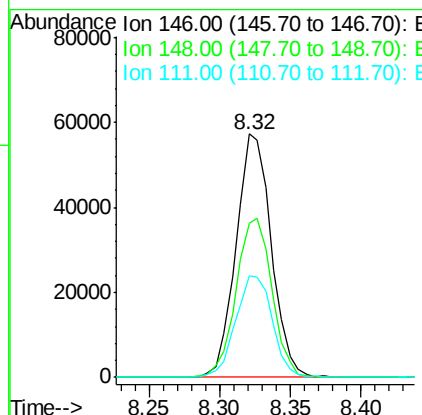
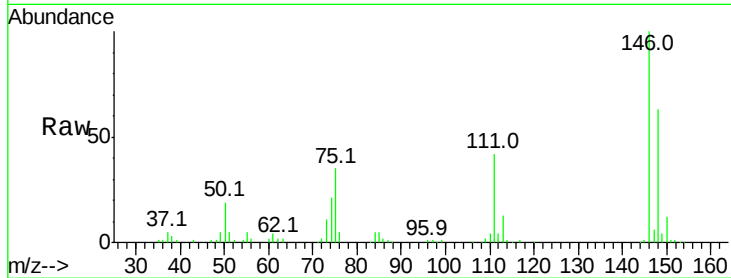
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 99692 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.3  | 52.2  | 78.2  |
| 111       | 41.8  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 40.116 ng

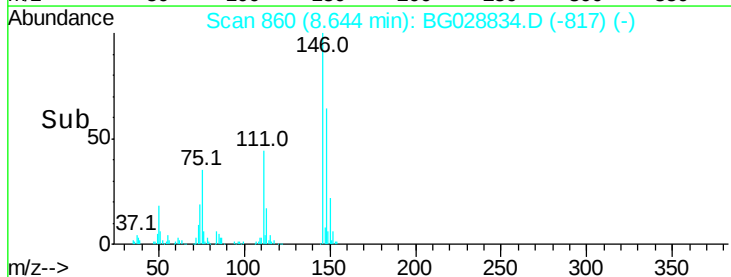
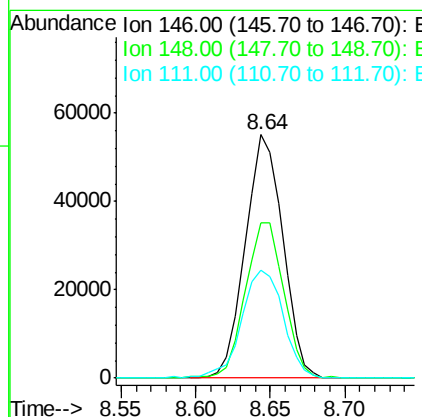
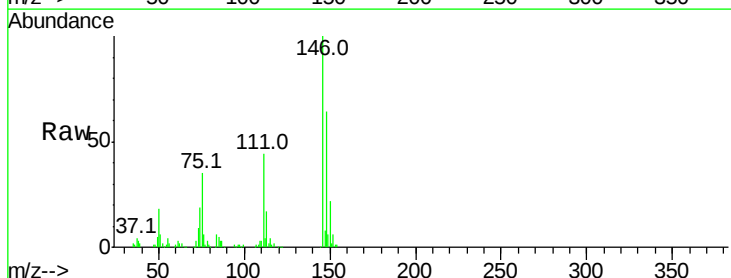
RT: 8.64 min Scan# 860

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 96025 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.9  | 54.6  | 81.8  |
| 111       | 44.2  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 41.161 ng

RT: 8.53 min Scan# 840

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

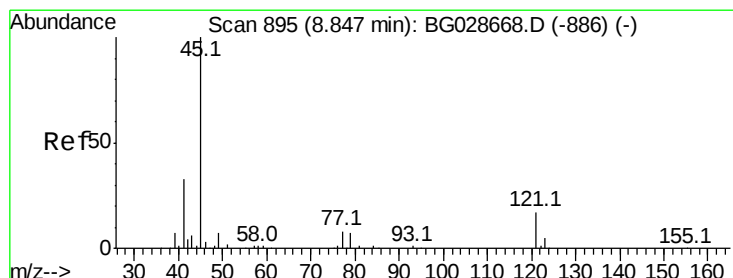
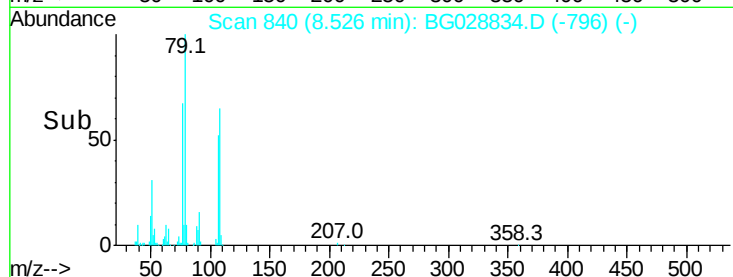
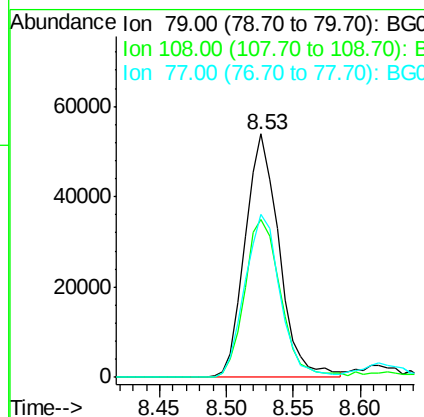
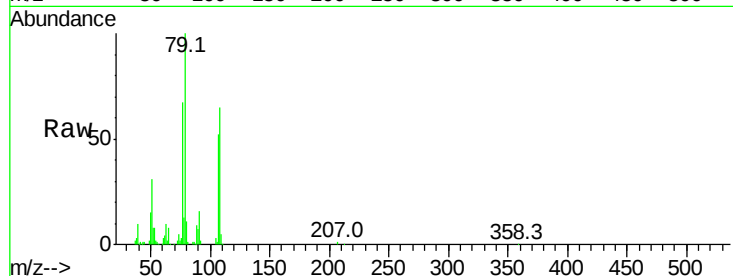
ClientSampleId :

PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 64.7  | 45.5  | 68.3  |
| 77      | 66.8  | 54.3  | 81.5  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.801 ng

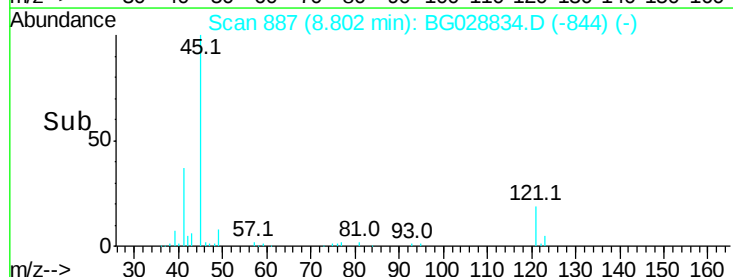
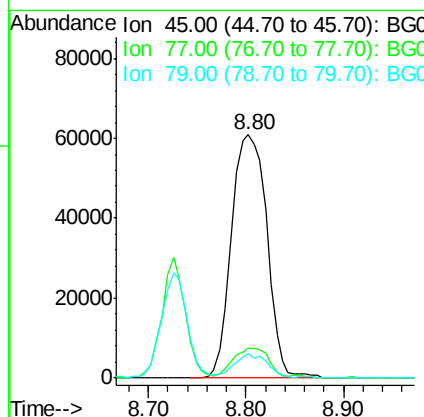
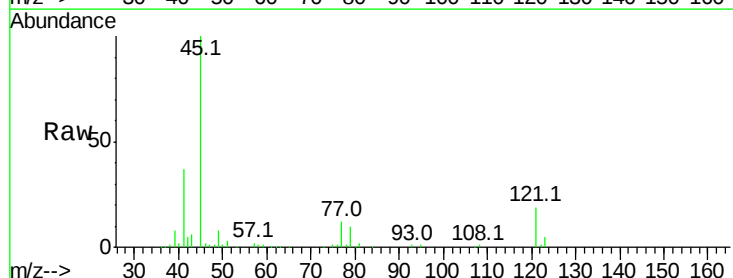
RT: 8.80 min Scan# 887

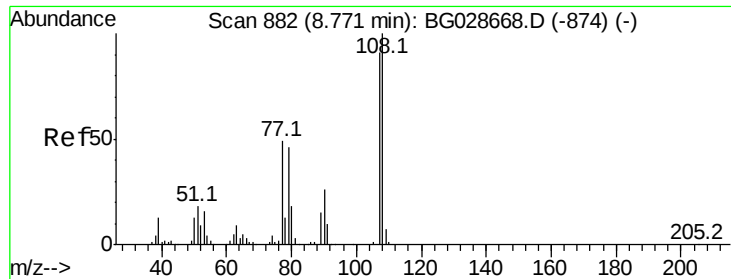
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.4  | 0.0   | 30.6  |
| 79      | 10.4  | 0.0   | 28.5  |





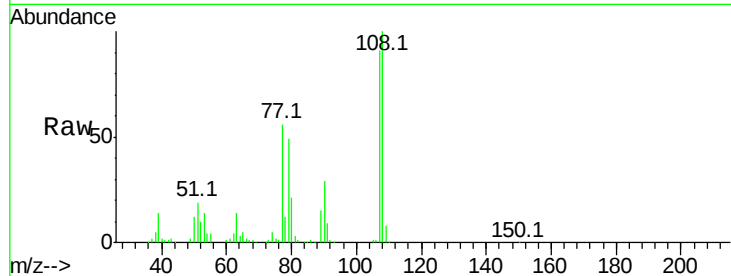
#17  
2-Methylphenol  
Concen: 42.591 ng  
RT: 8.73 min Scan# 874  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 86806 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 110.3 | 85.6  | 128.4 |
| 77        | 61.7  | 51.4  | 77.2  |
| 79        | 54.1  | 49.2  | 73.8  |

Manual Integrations  
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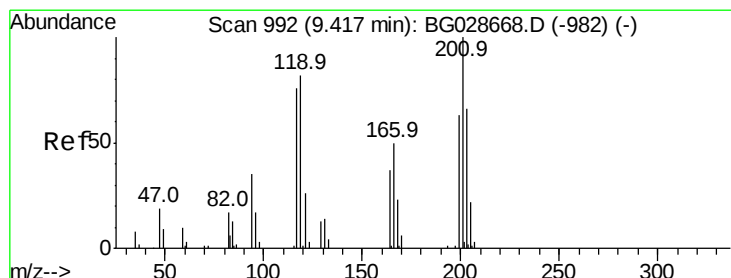
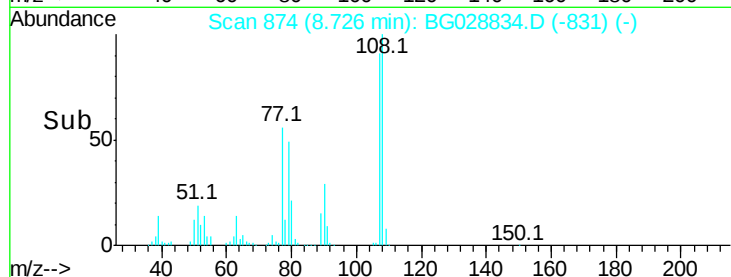
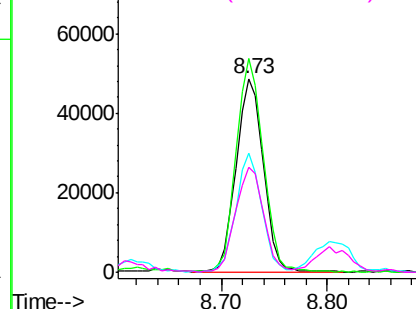
Abundance

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: 40.757 ng  
RT: 9.37 min Scan# 984  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

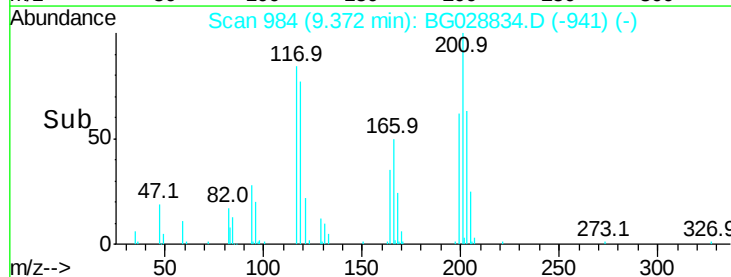
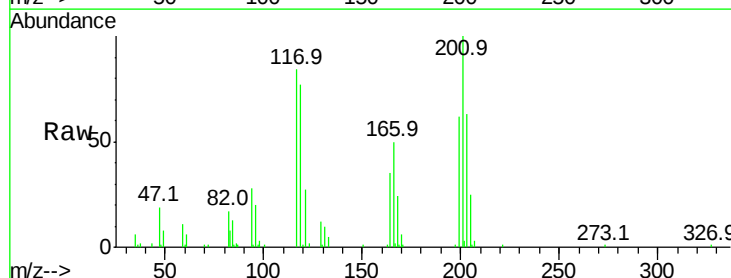
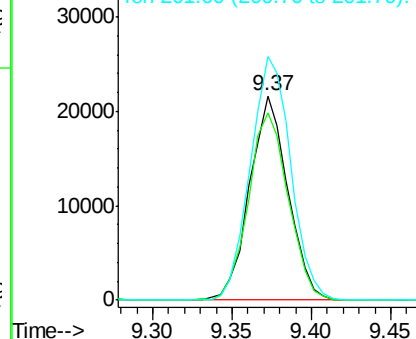
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 36193 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 91.9  | 69.8  | 104.6 |
| 201       | 119.2 | 95.4  | 143.0 |

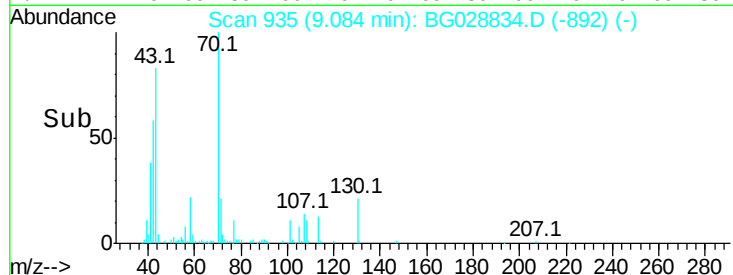
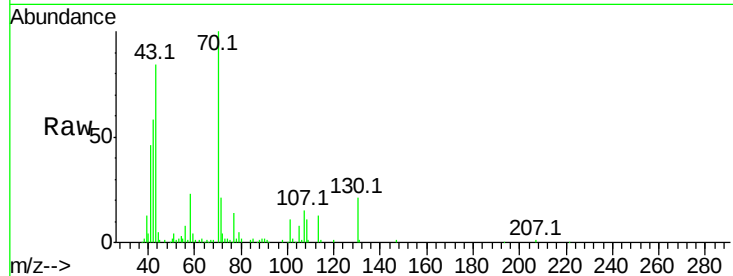
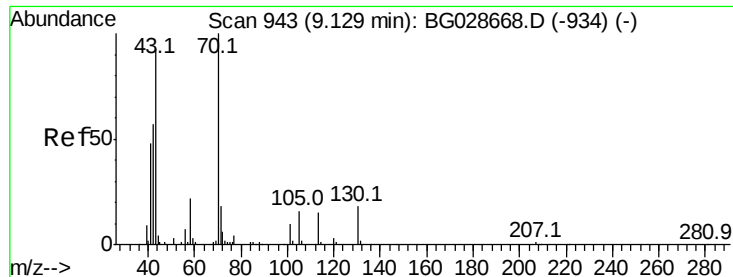
Abundance

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





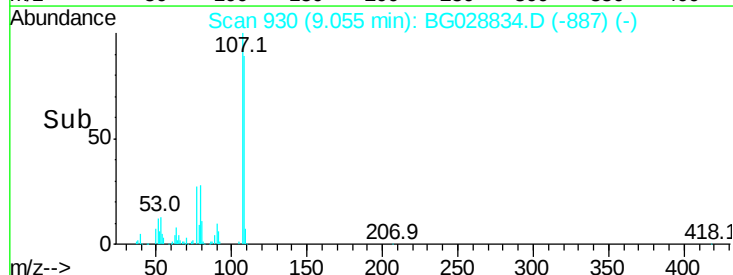
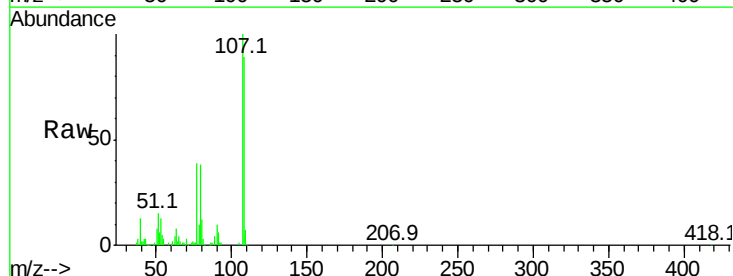
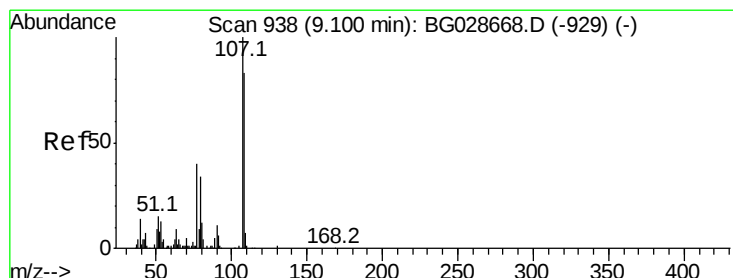
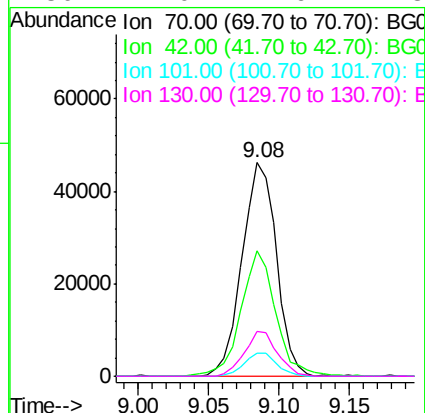
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.611 ng  
RT: 9.08 min Scan# 935  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

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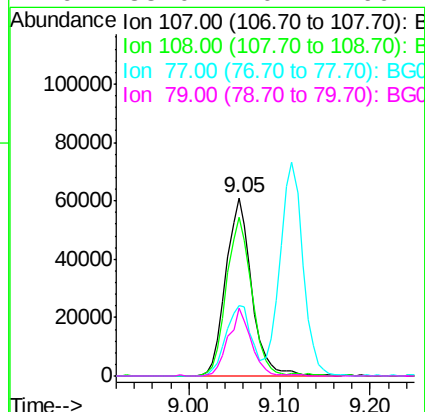
Sohil  
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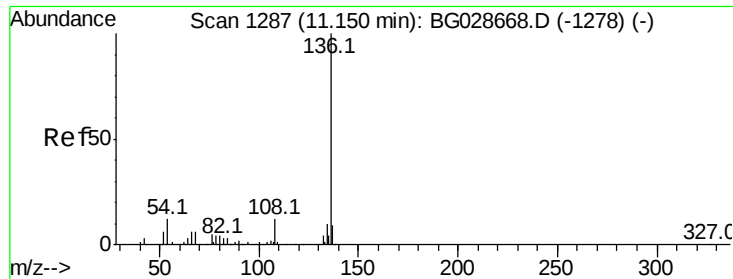
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 58.5 | 56.1  | 84.1  |       |
| 101     | 10.8 | 7.5   | 11.3  |       |
| 130     | 21.0 | 14.6  | 21.8  |       |



#20  
3+4-Methylphenols  
Concen: 42.278 ng  
RT: 9.05 min Scan# 930  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.8 | 70.8  | 110.8 |       |
| 77      | 39.3 | 25.8  | 65.8  |       |
| 79      | 38.0 | 20.1  | 60.1  |       |





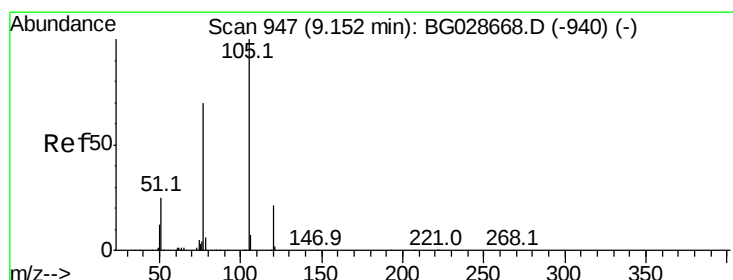
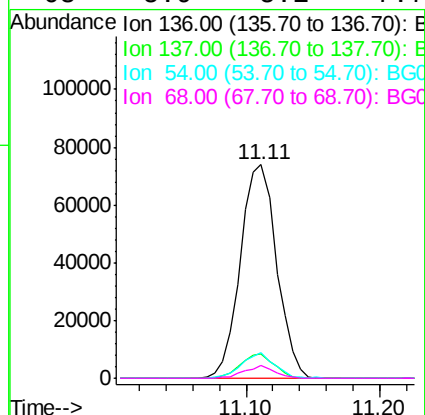
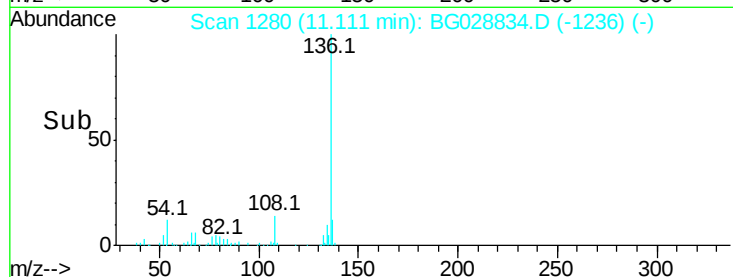
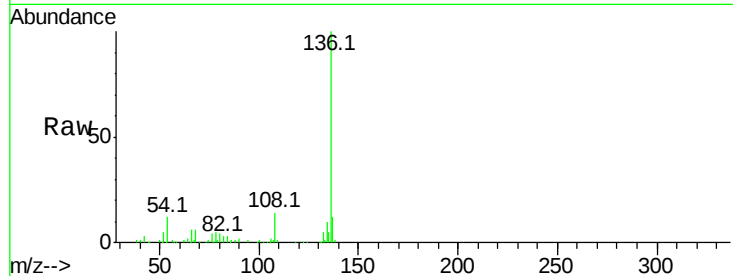
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.11 min Scan# 1280  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.7  | 8.9  | 13.3  |       |
| 54      | 12.2  | 9.3  | 13.9  |       |
| 68      | 5.9   | 5.1  | 7.7   |       |

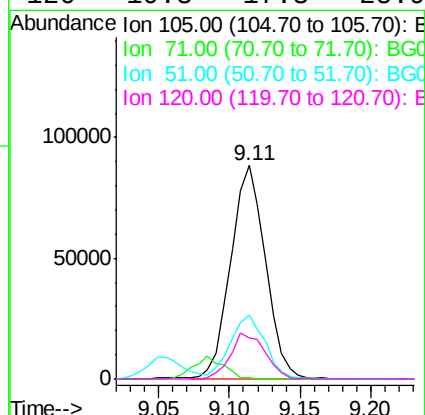
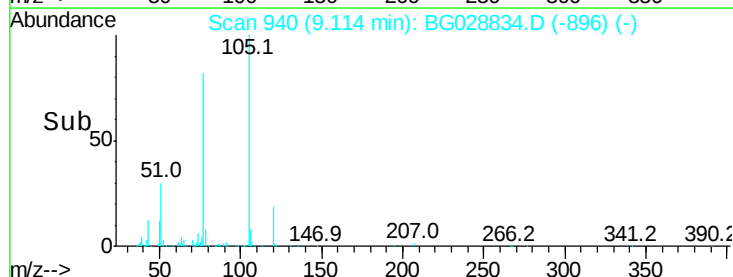
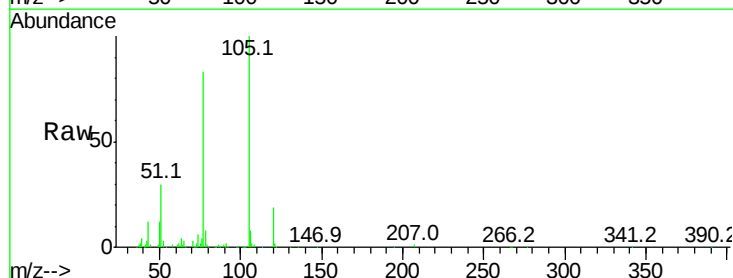
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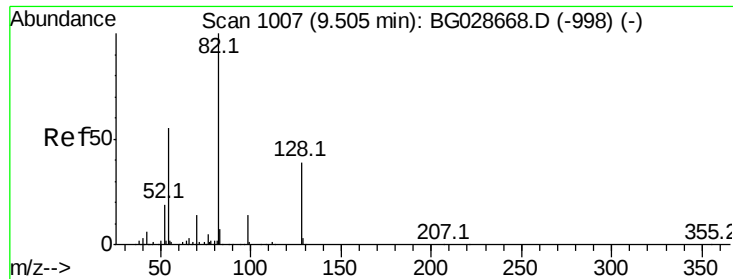
Sohil  
9/22/2017 3:58:13 PM



#22  
Acetophenone  
Concen: 37.468 ng  
RT: 9.11 min Scan# 940  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.4   | 0.9  | 1.3#  |       |
| 51      | 29.9  | 34.0 | 51.0# |       |
| 120     | 19.3  | 17.3 | 25.9  |       |





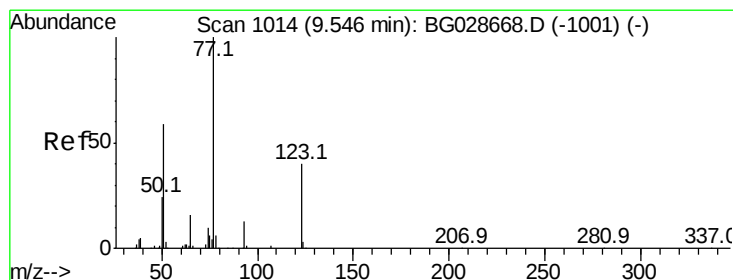
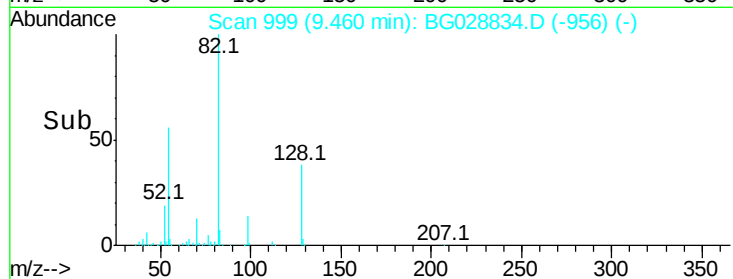
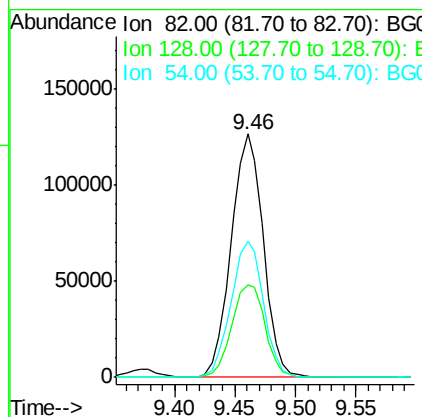
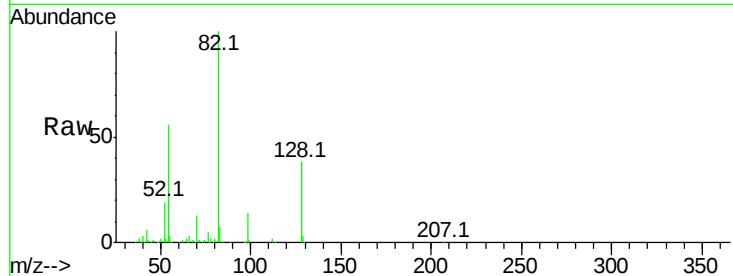
#23  
Nitrobenzene-d5  
Concen: 80.495 ng  
RT: 9.46 min Scan# 999  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.2  | 26.4 | 39.6  |       |
| 54      | 55.6  | 49.4 | 74.2  |       |

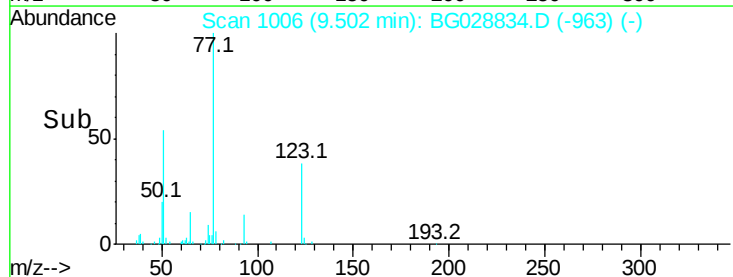
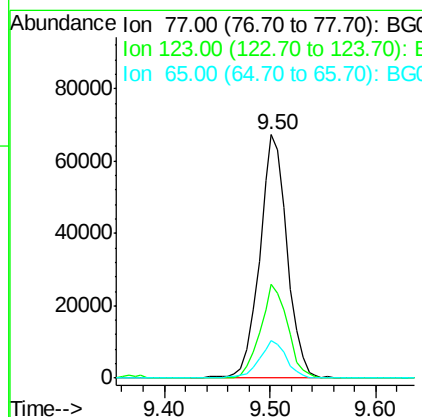
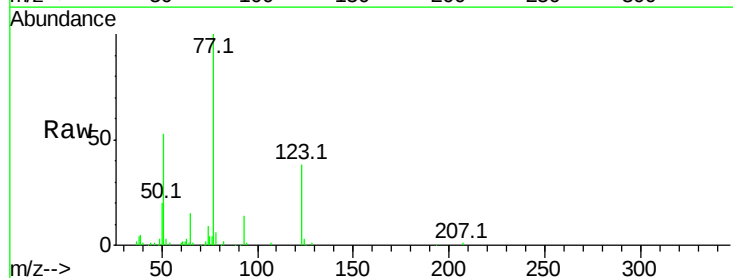
Manual Integrations  
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#24  
Nitrobenzene  
Concen: 37.761 ng  
RT: 9.50 min Scan# 1006  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 38.3  | 26.1 | 39.1  |       |
| 65      | 15.4  | 12.4 | 18.6  |       |





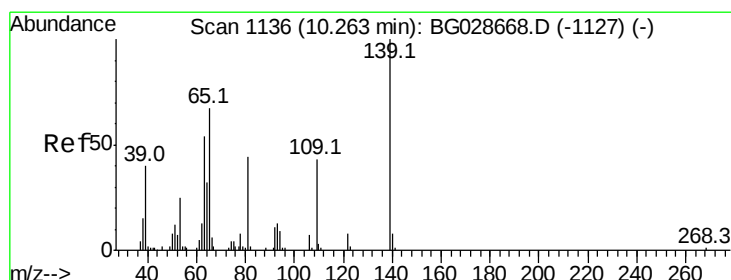
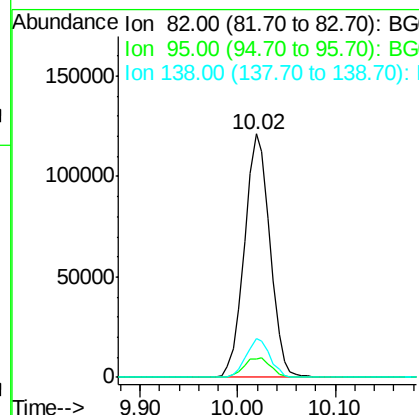
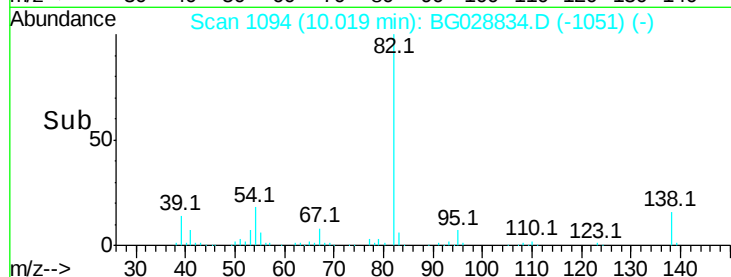
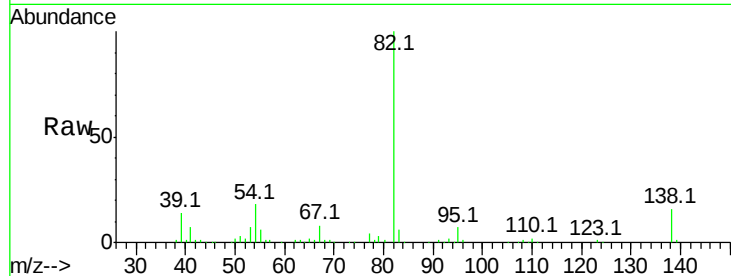
#25  
Isophorone  
Concen: 37.223 ng  
RT: 10.02 min Scan# 1094  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 218623 |       |       |
| 95      | 7.5   | 7.5    | 11.3# |       |
| 138     | 16.2  | 12.3   | 18.5  |       |

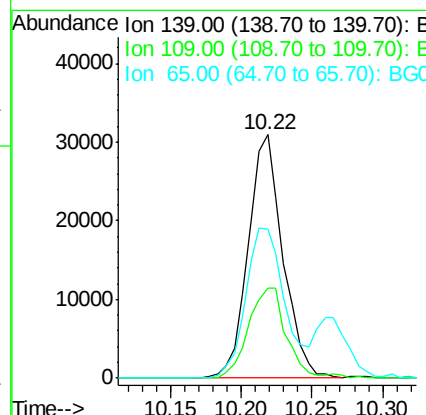
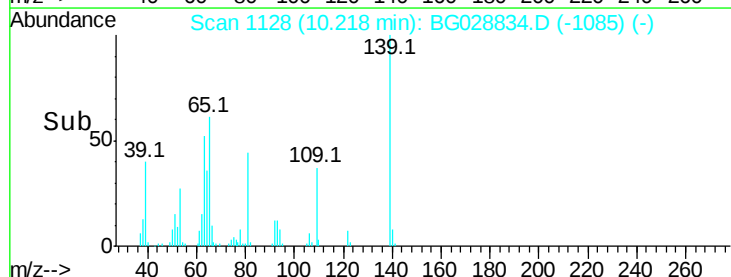
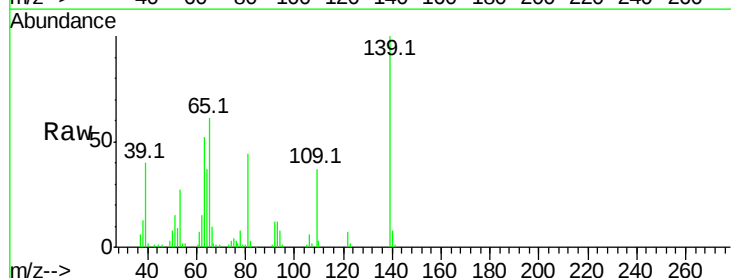
Manual Integrations  
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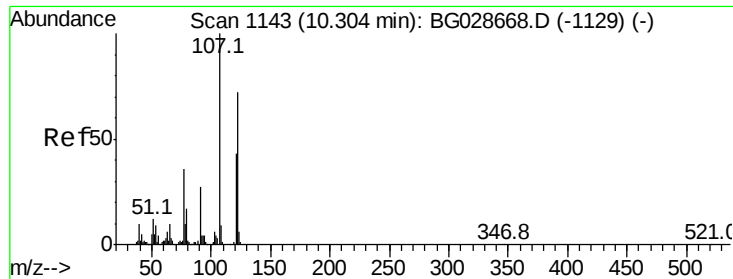
Sohil  
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#26  
2-Nitrophenol  
Concen: 38.875 ng  
RT: 10.22 min Scan# 1128  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 53180 |       |       |
| 109     | 37.1  | 38.6  | 58.0# |       |
| 65      | 61.2  | 57.1  | 85.7  |       |





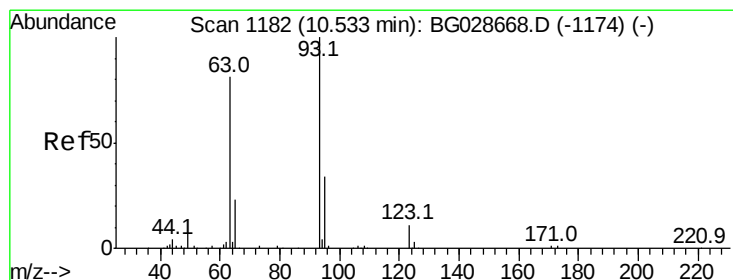
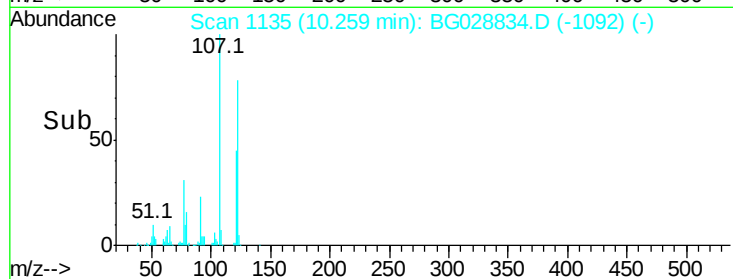
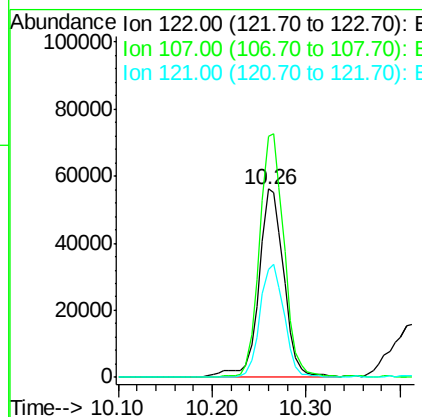
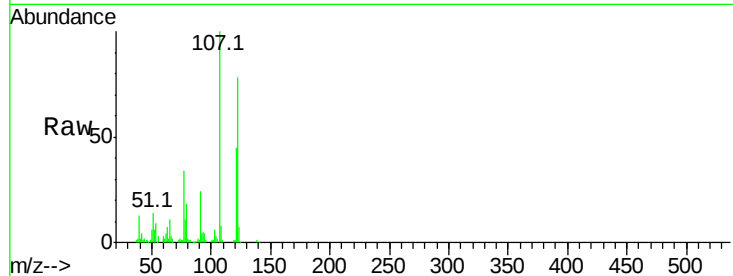
#27  
2,4-Dimethylphenol  
Concen: 41.625 ng  
RT: 10.26 min Scan# 1135  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 127.9 | 104.2 | 156.4 |       |
| 121     | 57.0  | 46.0  | 69.0  |       |

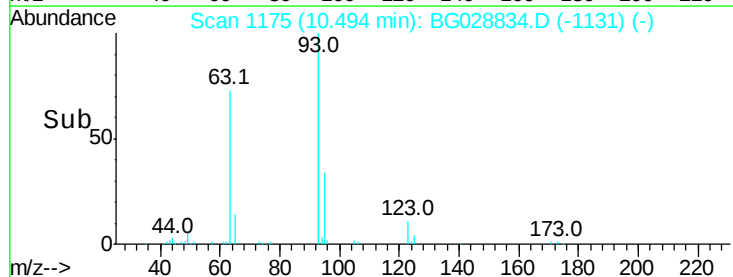
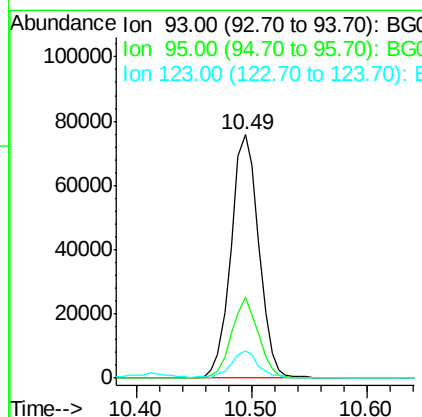
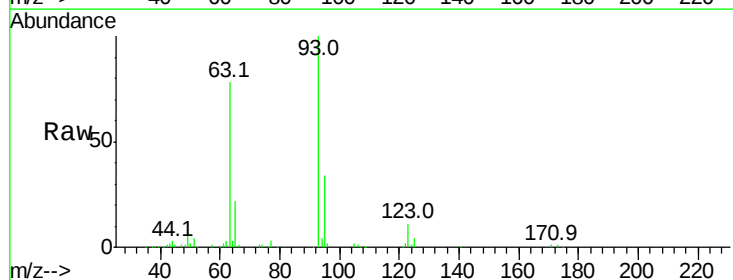
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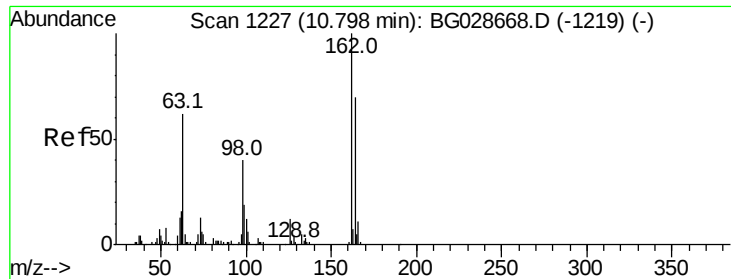
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 39.717 ng  
RT: 10.49 min Scan# 1175  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 33.5  | 25.7 | 38.5  |       |
| 123     | 11.3  | 8.3  | 12.5  |       |





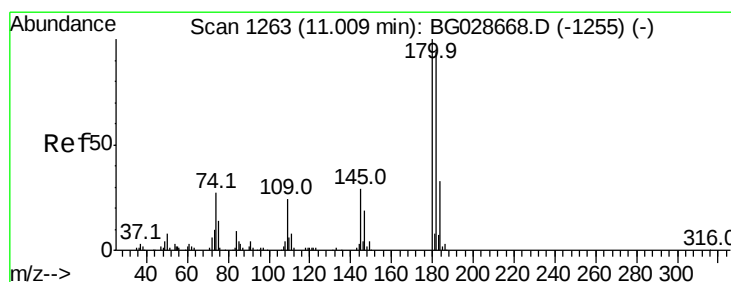
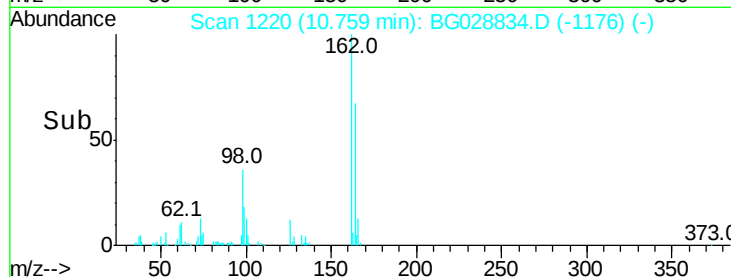
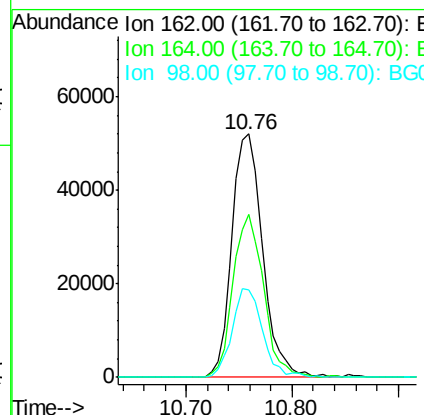
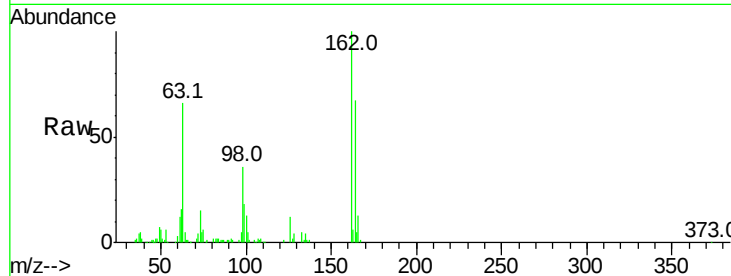
#29  
 2,4-Dichlorophenol  
 Concen: 42.275 ng  
 RT: 10.76 min Scan# 1220  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 105178 |       |       |
| 164     | 67.1  | 42.4   | 82.4  |       |
| 98      | 36.0  | 20.3   | 60.3  |       |

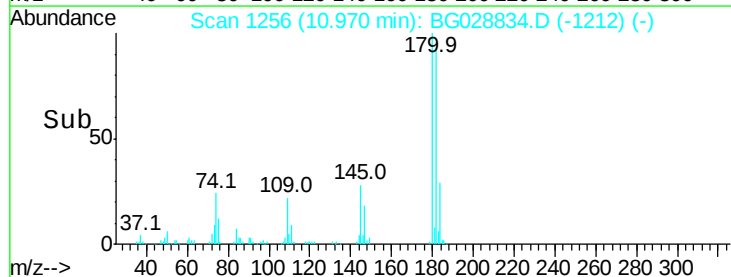
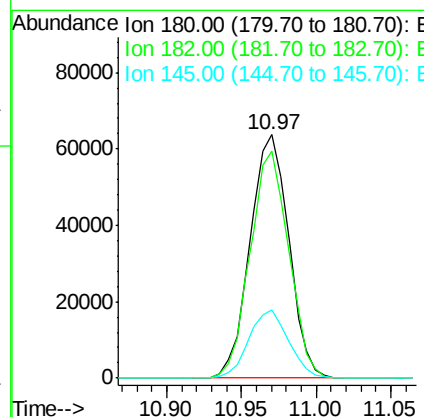
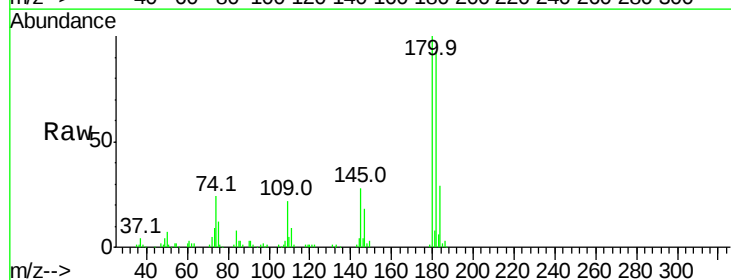
Manual Integrations  
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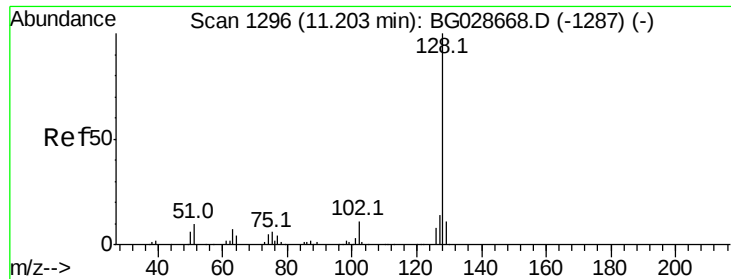
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.149 ng  
 RT: 10.97 min Scan# 1256  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 113951 |       |       |
| 182     | 93.4  | 77.0   | 115.4 |       |
| 145     | 27.9  | 23.4   | 35.0  |       |





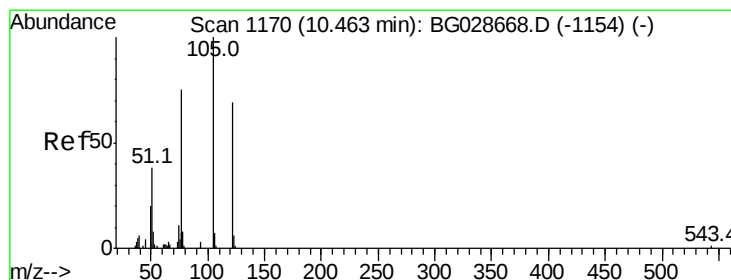
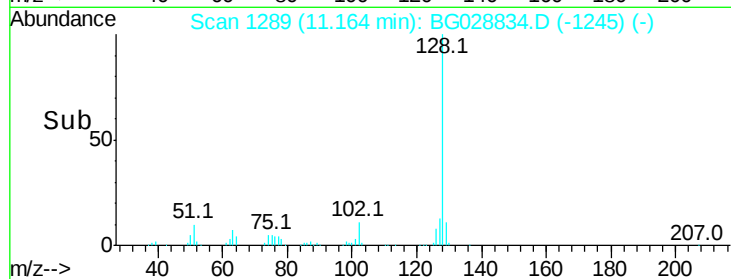
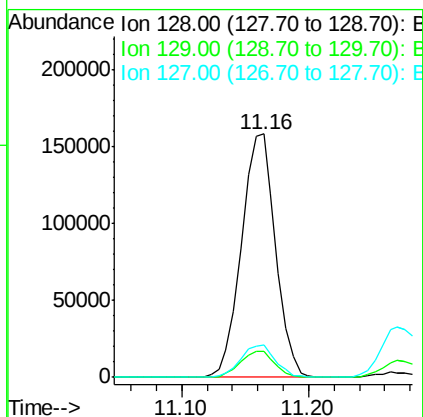
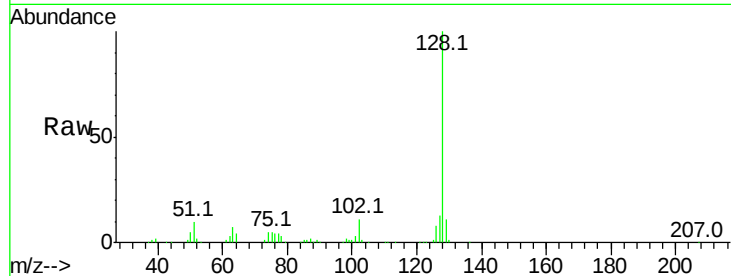
#31  
Naphthalene  
Concen: 40.667 ng  
RT: 11.16 min Scan# 1289  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 294923 |       |       |
| 129     | 10.8  | 9.3    | 13.9  |       |
| 127     | 13.4  | 11.4   | 17.0  |       |

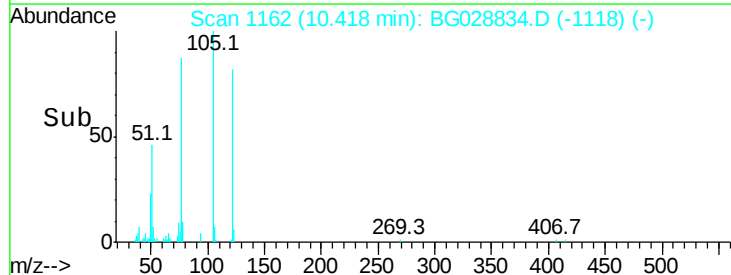
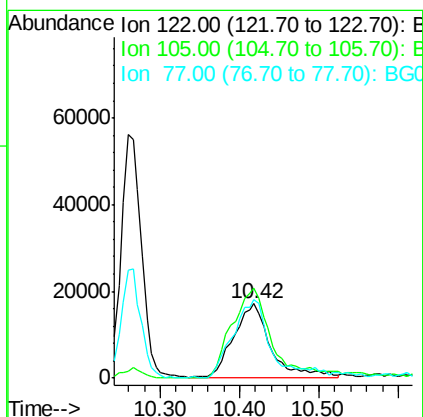
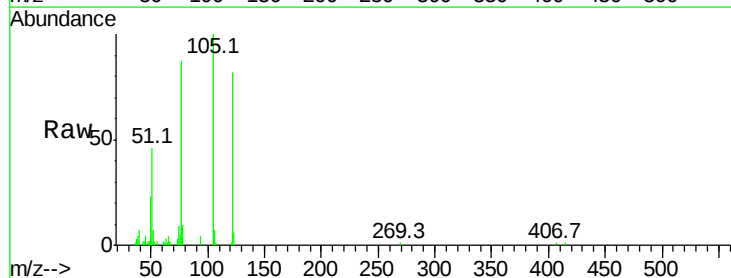
Manual Integrations  
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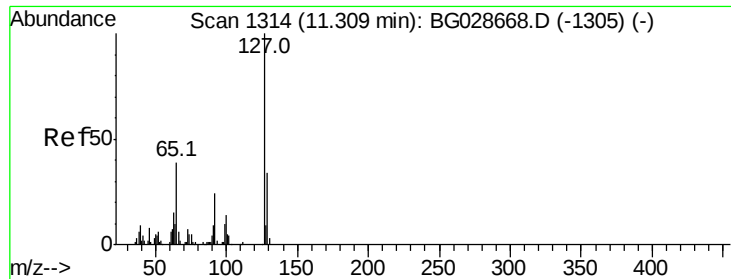
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#32  
Benzoic acid  
Concen: 32.568 ng  
RT: 10.42 min Scan# 1162  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 53855 |       |       |
| 105     | 121.8 | 120.1 | 160.1 |       |
| 77      | 105.6 | 104.6 | 144.6 |       |





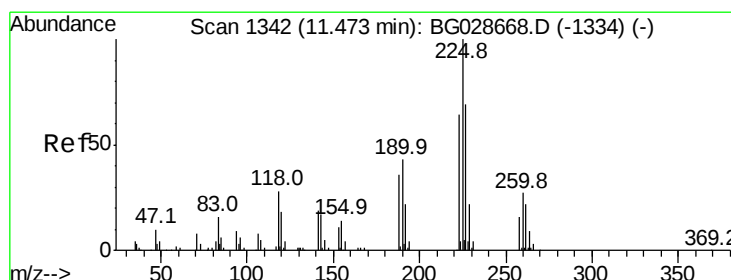
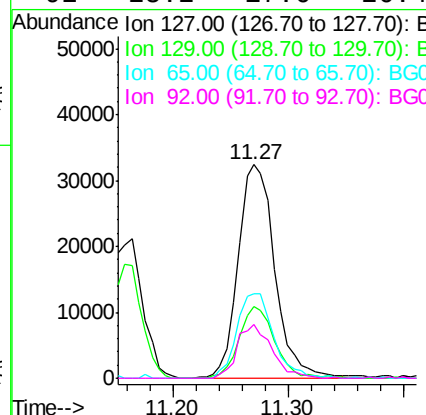
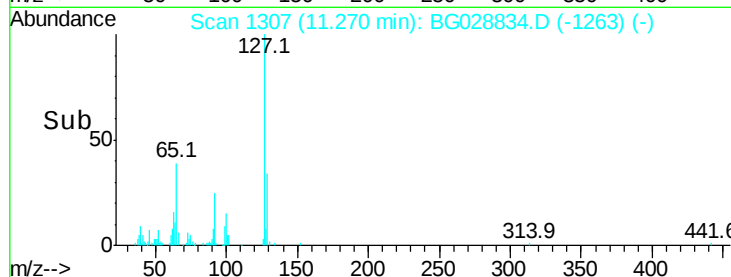
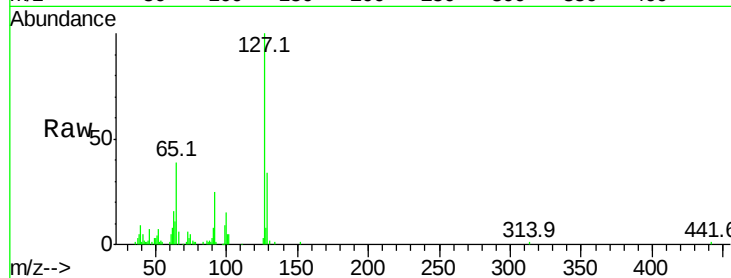
#33  
4-Chloroaniline  
Concen: 23.472 ng  
RT: 11.27 min Scan# 1307  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 33.8  | 23.6 | 35.4  |       |
| 65      | 39.5  | 37.7 | 56.5  |       |
| 92      | 25.2  | 17.6 | 26.4  |       |

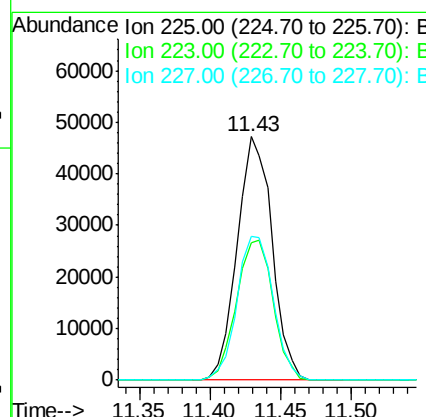
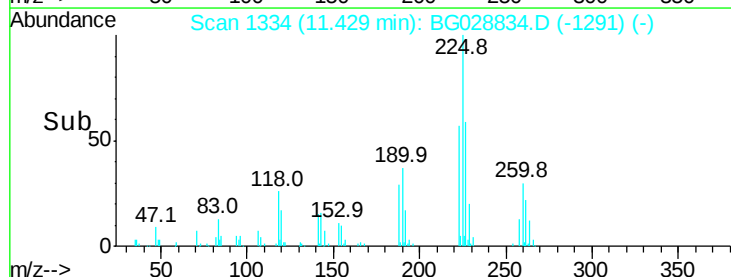
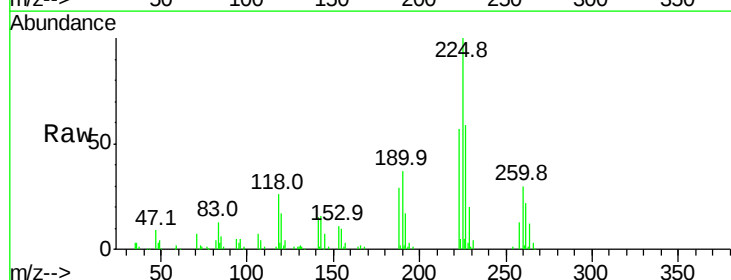
Manual Integrations  
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#34  
Hexachlorobutadiene  
Concen: 38.921 ng  
RT: 11.43 min Scan# 1334  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 56.5  | 50.7 | 76.1  |       |
| 227     | 59.3  | 49.0 | 73.6  |       |





#35

Caprolactam

Concen: 39.324 ng/ml

RT: 12.05 min Scan# 1439

Delta R.T. -0.05 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

PB102477BS

Tot Ion:113 Resp: 35084

Ion Ratio Lower Upper

113 100

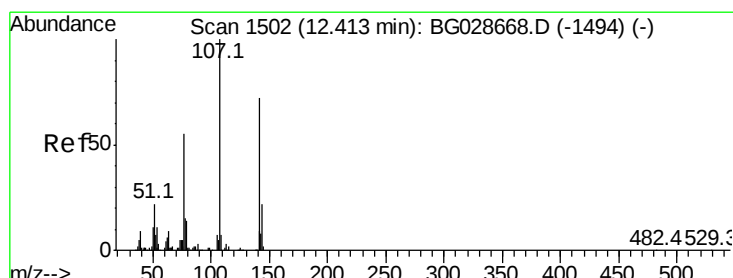
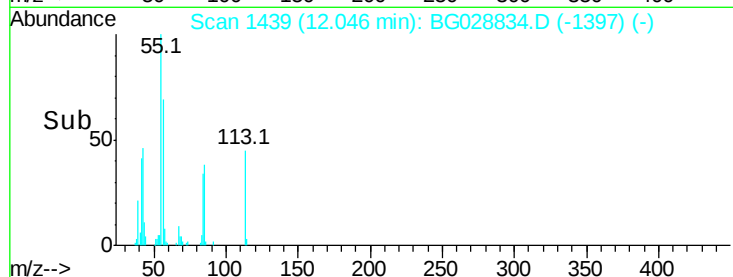
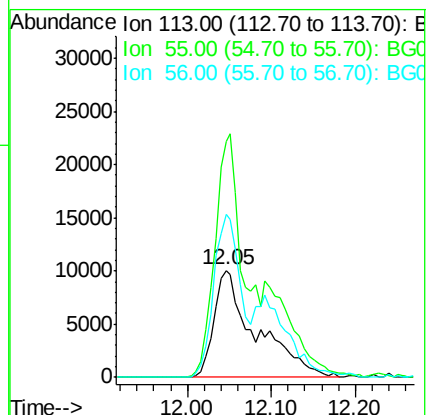
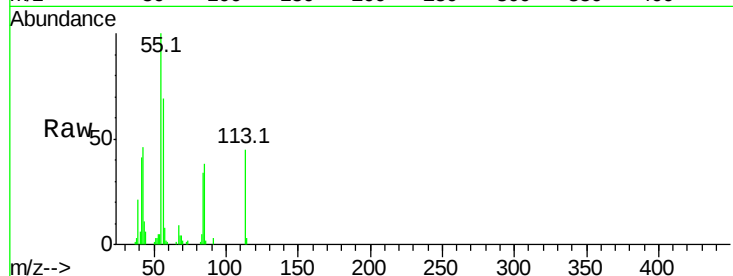
55 221.1 198.6 238.6

56 153.1 140.4 180.4

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 38.981 ng/ml

RT: 12.37 min Scan# 1495

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

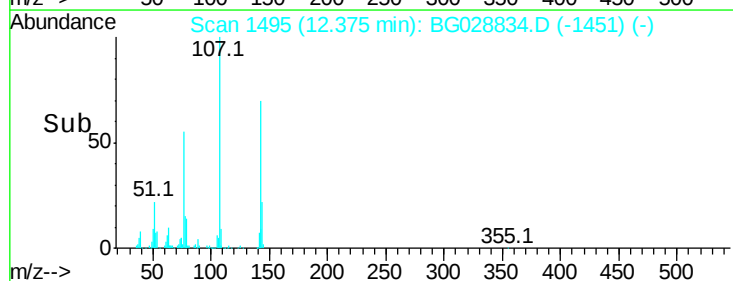
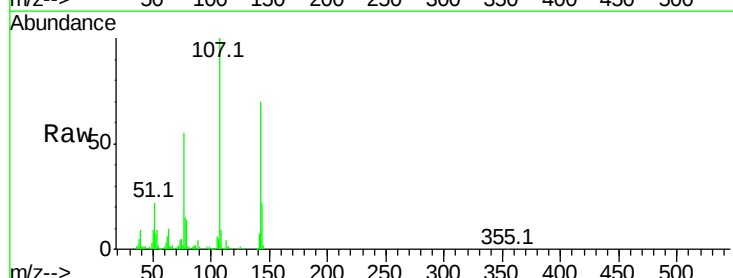
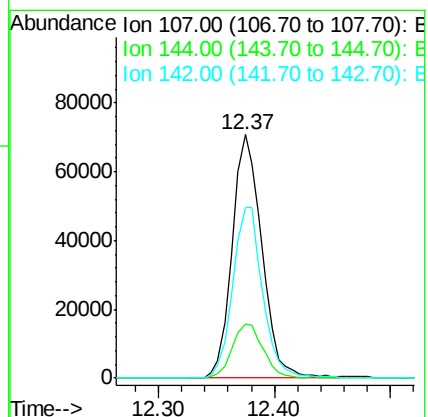
Tgt Ion:107 Resp: 126214

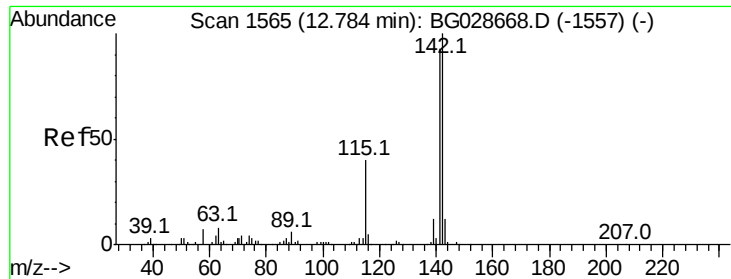
Ion Ratio Lower Upper

107 100

144 22.4 17.4 26.0

142 70.3 54.1 81.1





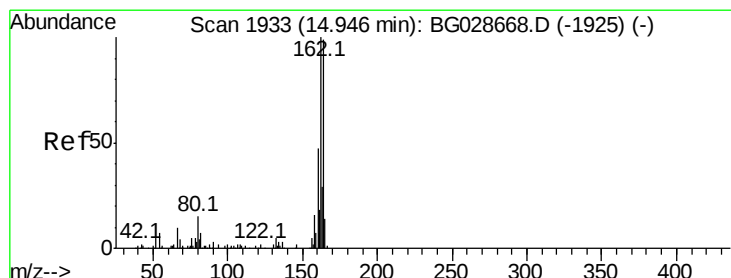
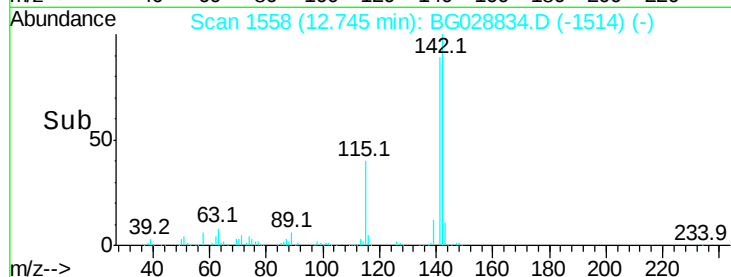
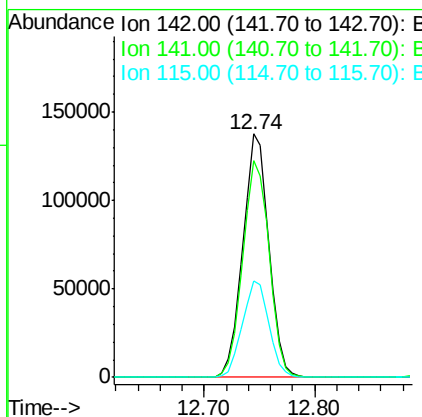
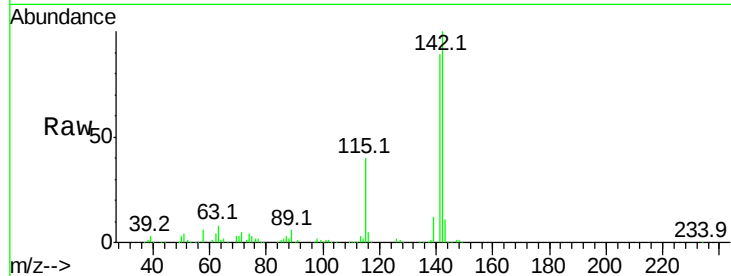
#37  
2-Methylnaphthalene  
Concen: 42.120 ng  
RT: 12.74 min Scan# 1558  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 228060 |       |       |
| 141     | 89.1  | 70.4   | 105.6 |       |
| 115     | 39.6  | 35.5   | 53.3  |       |

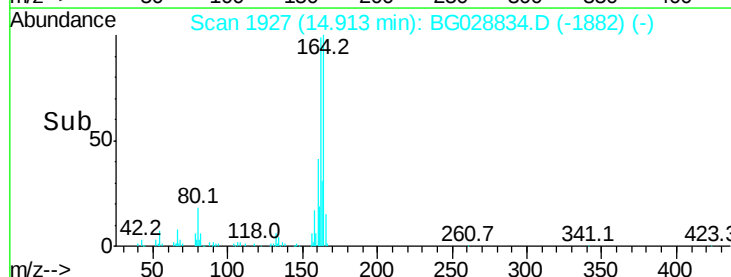
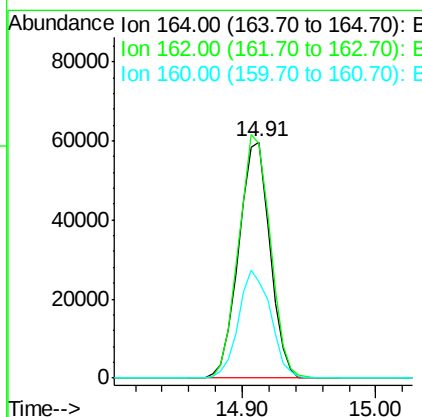
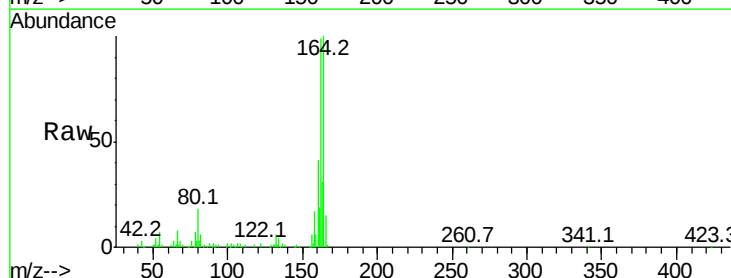
Manual Integrations  
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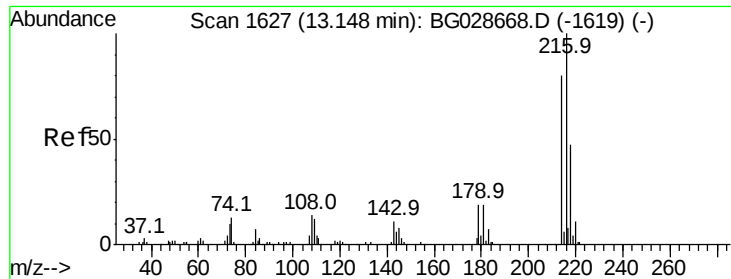
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.91 min Scan# 1927  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 96424 |       |       |
| 162     | 99.5  | 85.1  | 127.7 |       |
| 160     | 40.9  | 34.7  | 52.1  |       |





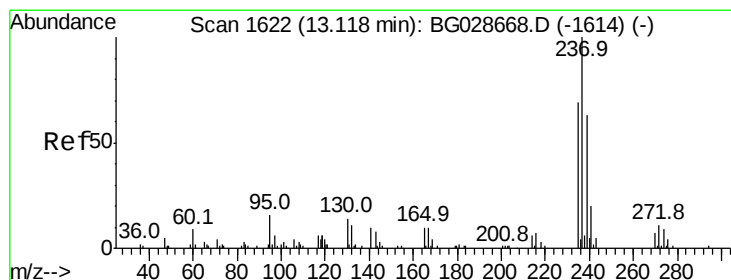
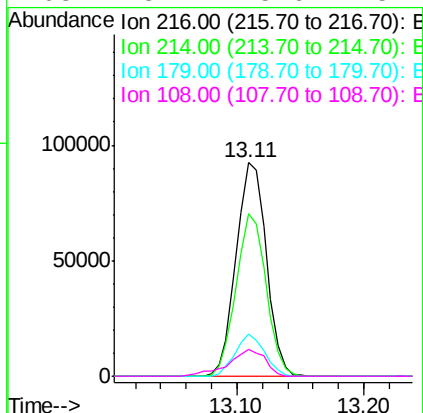
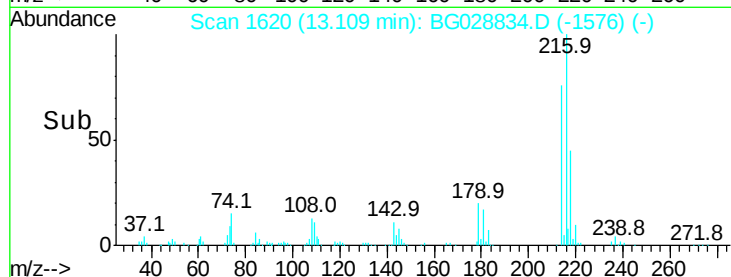
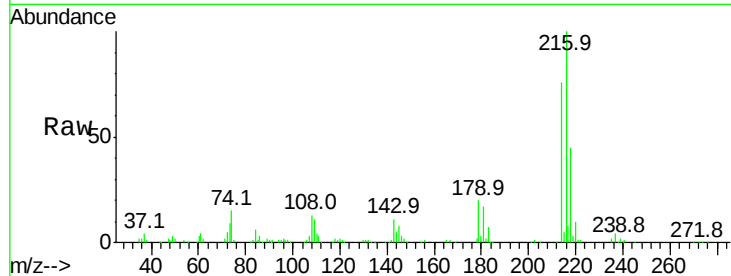
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.545 ng  
 RT: 13.11 min Scan# 1620  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 152818 |       |       |
| 214     | 75.4  | 64.4   | 96.6  |       |
| 179     | 18.9  | 17.4   | 26.0  |       |
| 108     | 15.2  | 15.6   | 23.4  |       |

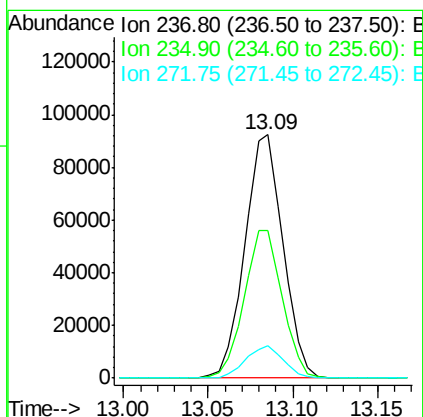
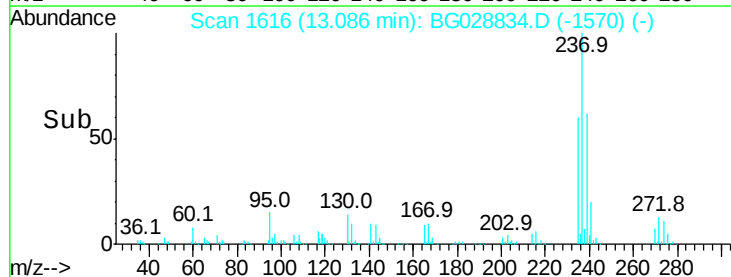
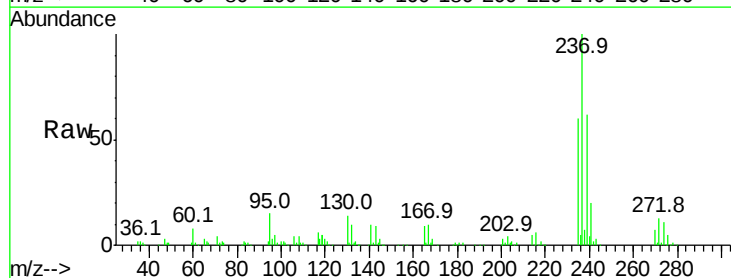
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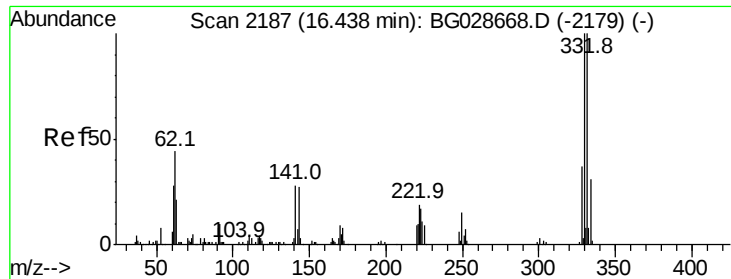
Sohil  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 92.595 ng  
 RT: 13.09 min Scan# 1616  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 144650 |       |       |
| 235     | 60.5  | 39.4   | 79.4  |       |
| 272     | 13.1  | 0.0    | 32.0  |       |





#41

2,4,6-Tribromophenol

Concen: 134.264 ng

RT: 16.41 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

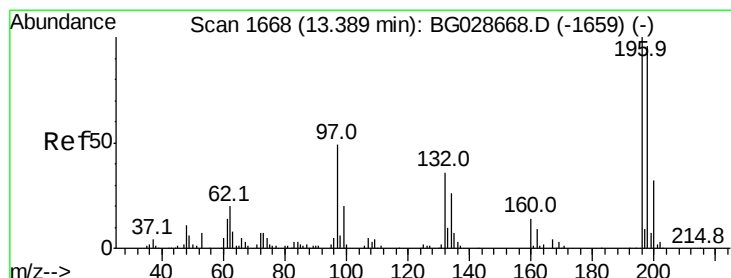
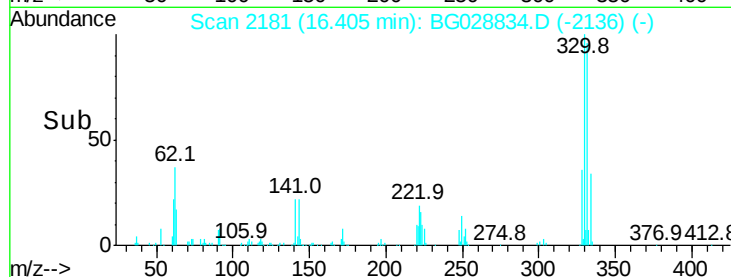
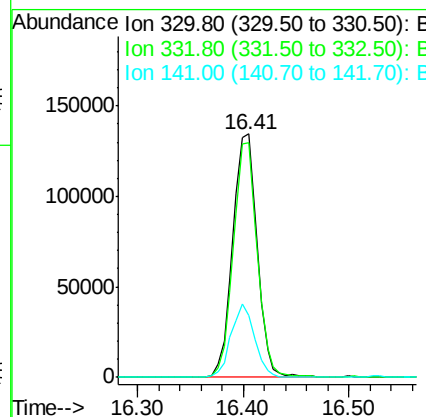
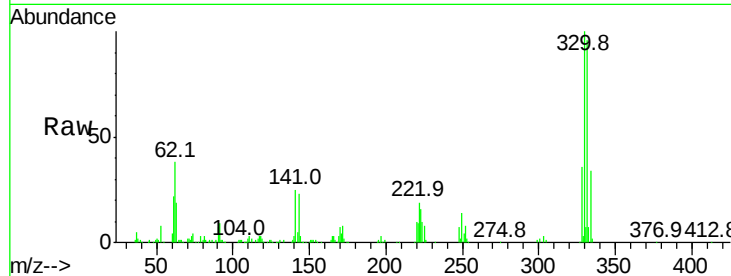
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 214123 |       |       |
| 332     | 94.6  | 77.3   | 115.9 |       |
| 141     | 29.1  | 32.1   | 48.1# |       |

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#42

2,4,6-Trichlorophenol

Concen: 39.043 ng

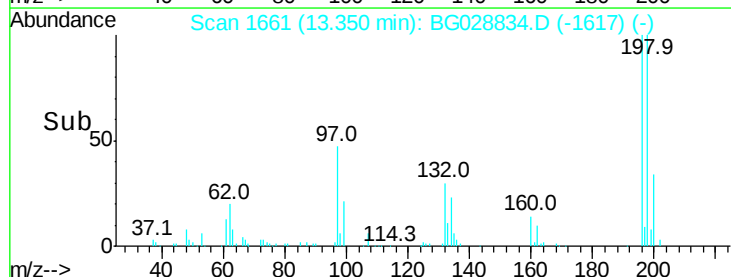
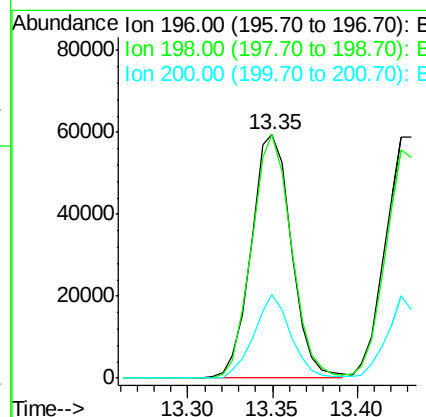
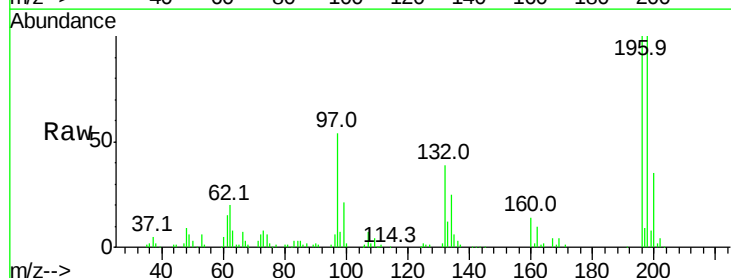
RT: 13.35 min Scan# 1661

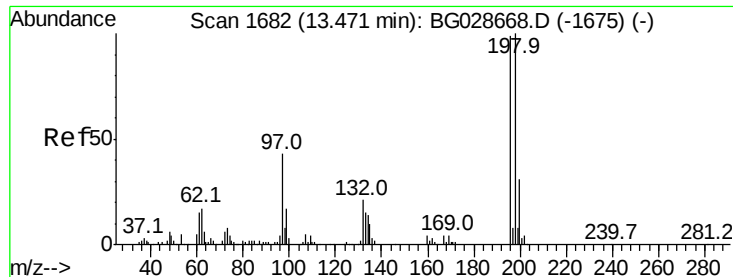
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 98244 |       |       |
| 198     | 99.9  | 81.4  | 122.2 |       |
| 200     | 34.6  | 27.0  | 40.6  |       |





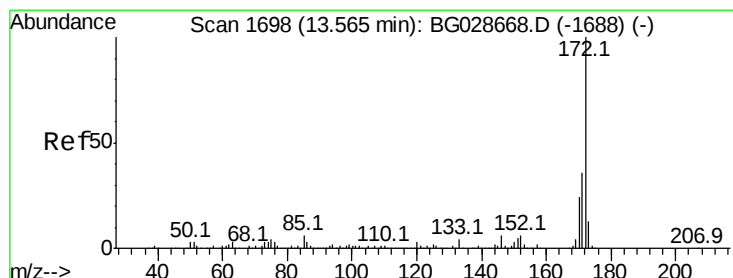
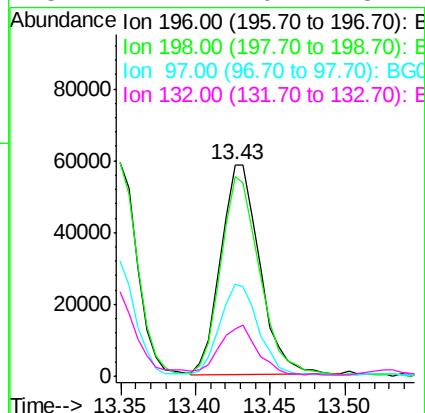
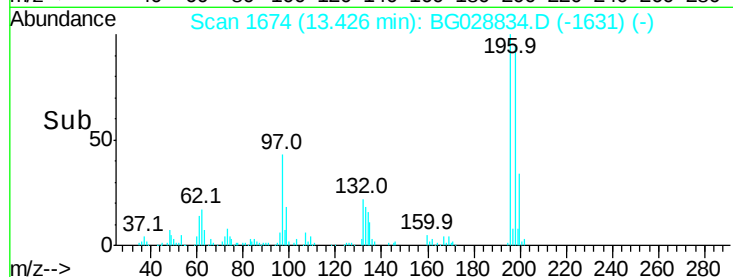
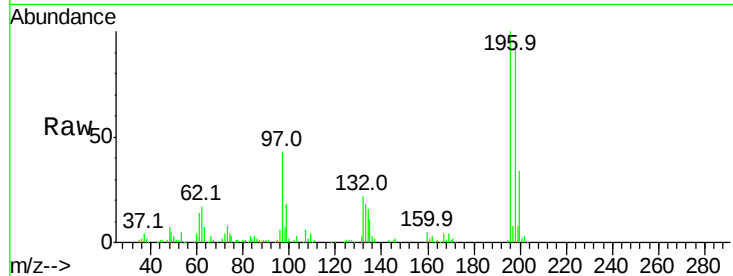
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.481 ng  
 RT: 13.43 min Scan# 1674  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion   | 196   | Resp  | 107413 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.6  | 79.9  | 119.9  |
| 97        | 43.4  | 45.4  | 68.0#  |
| 132       | 22.1  | 20.7  | 31.1   |

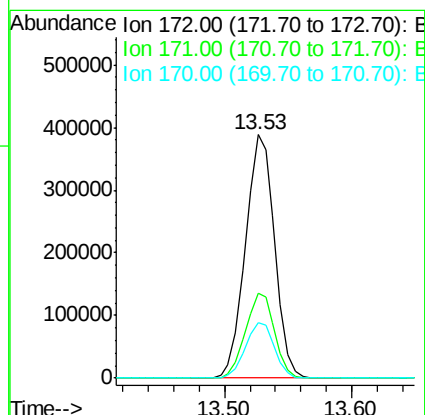
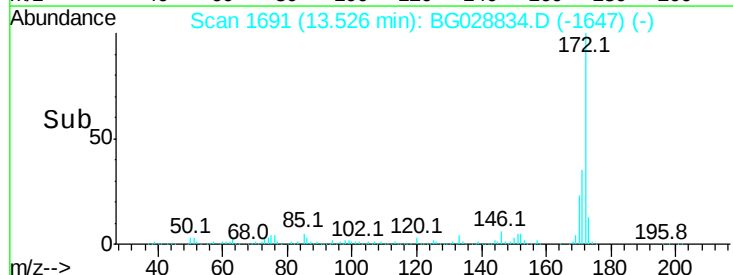
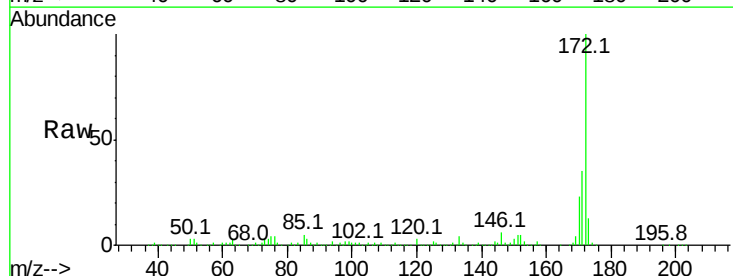
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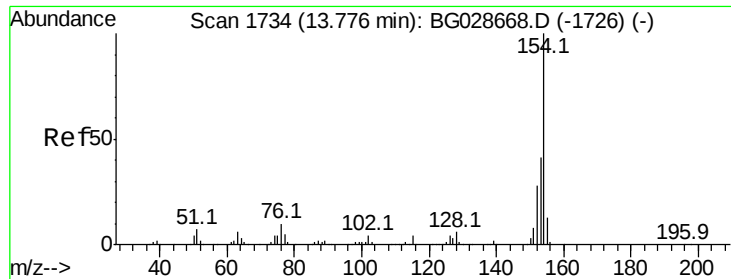
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#44  
 2-Fluorobiphenyl  
 Concen: 85.385 ng  
 RT: 13.53 min Scan# 1691  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion   | 172   | Resp  | 617443 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.0  | 32.2  | 48.2   |
| 170       | 22.8  | 21.8  | 32.6   |





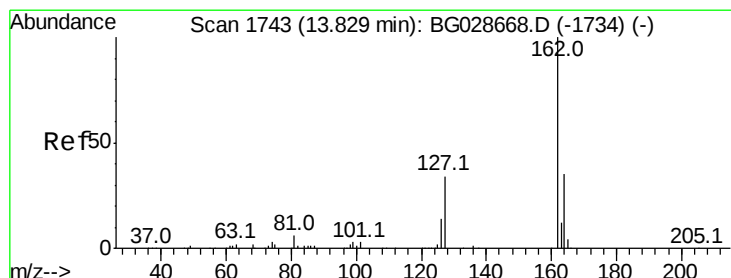
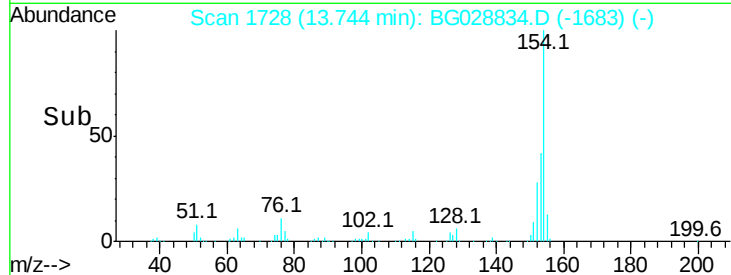
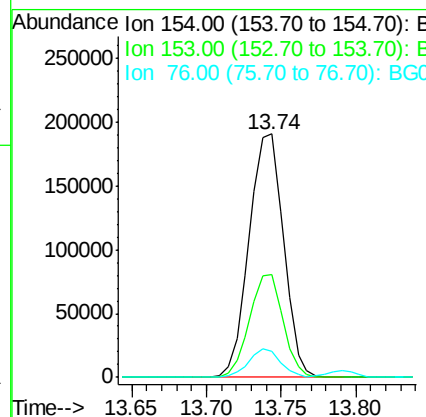
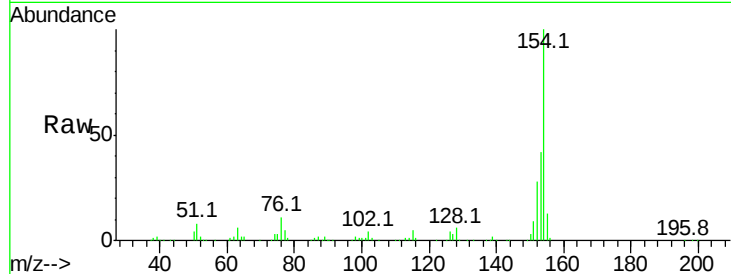
#45  
 1,1'-Biphenyl  
 Concen: 38.109 ng  
 RT: 13.74 min Scan# 1728  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.2  | 23.0 | 63.0  |       |
| 76      | 10.6  | 0.0  | 33.5  |       |

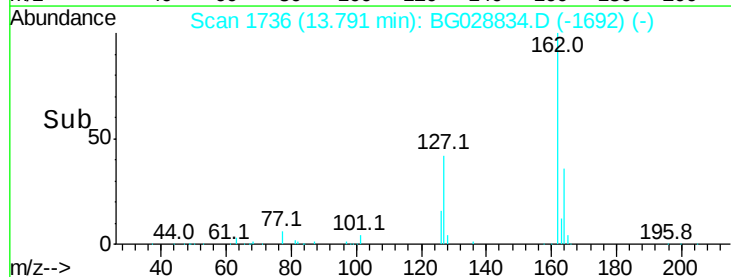
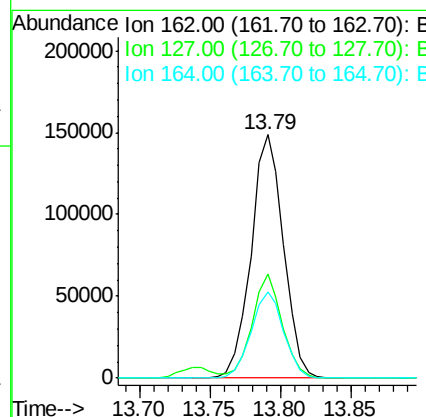
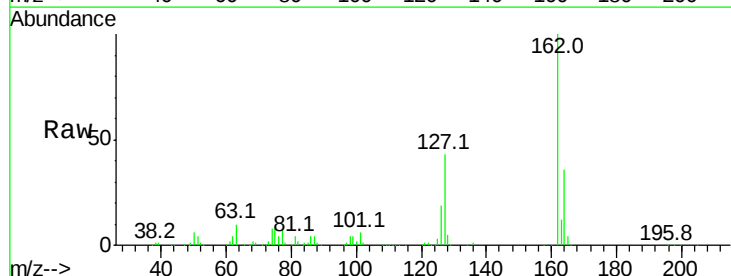
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#46  
 2-Chloronaphthalene  
 Concen: 40.887 ng  
 RT: 13.79 min Scan# 1736  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 42.6  | 32.2 | 48.4  |       |
| 164     | 35.5  | 27.3 | 40.9  |       |





#47

2-Nitroaniline

Concen: 42.211 ng

RT: 14.00 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

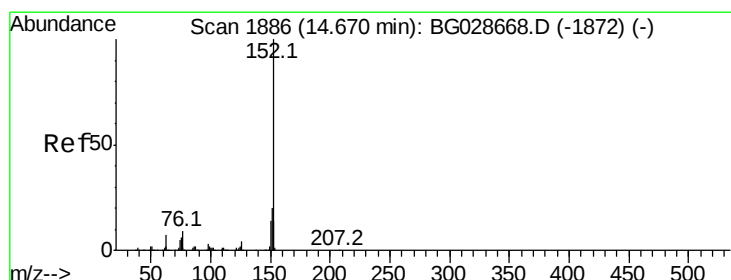
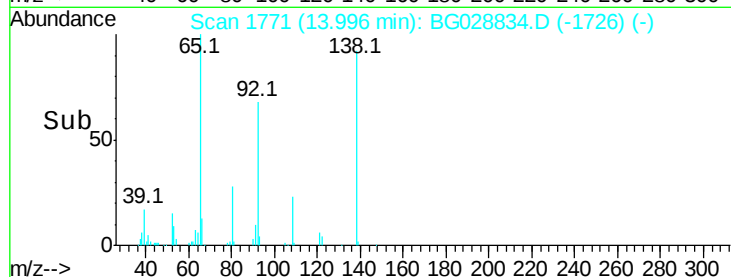
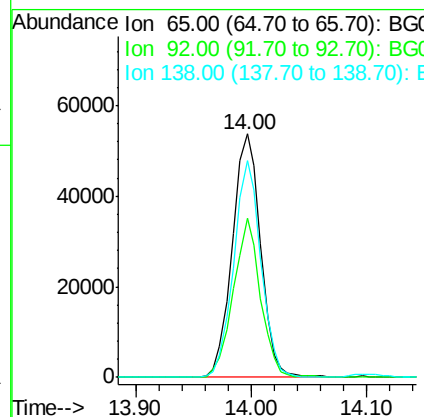
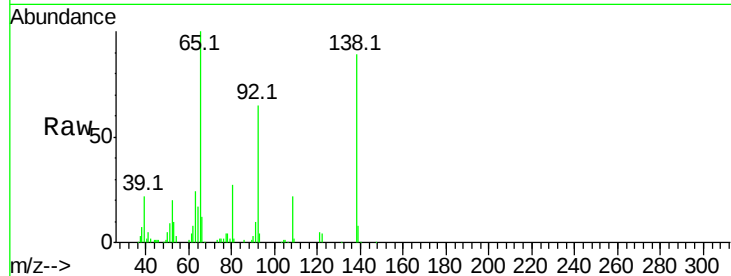
PB102477BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 91350 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 65.2  | 49.0  | 73.4  |
| 138       | 89.3  | 58.6  | 87.8  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 41.161 ng

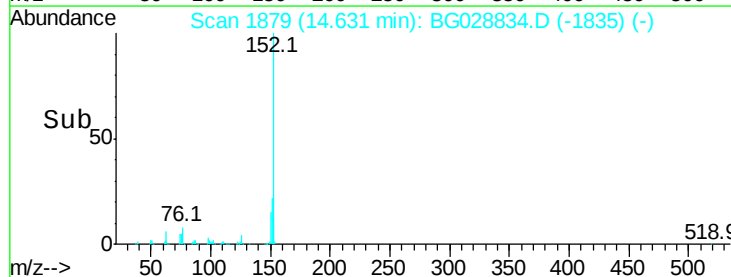
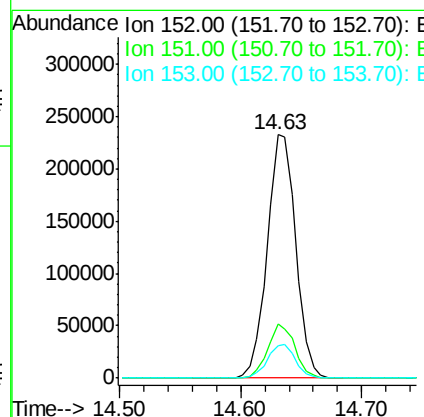
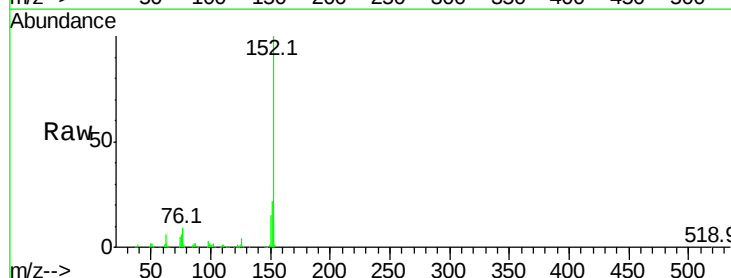
RT: 14.63 min Scan# 1879

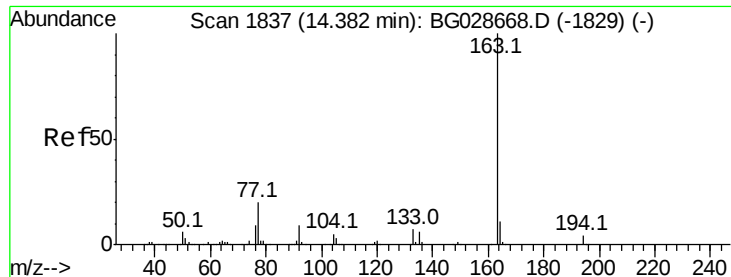
Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 382928 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.5  | 18.2  | 27.2   |
| 153       | 13.4  | 11.3  | 16.9   |





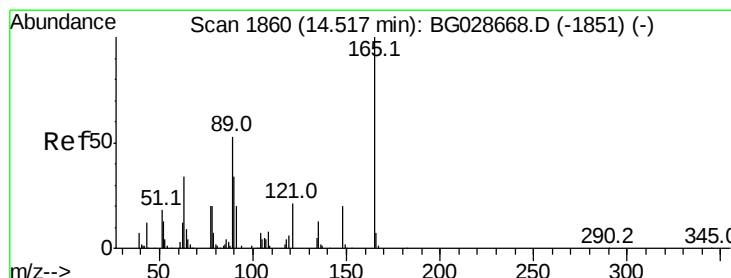
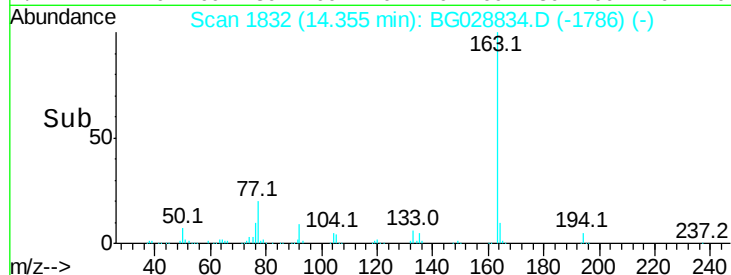
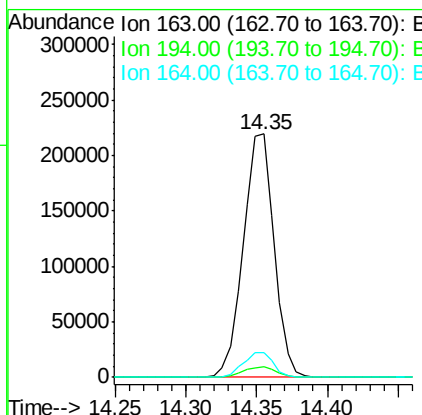
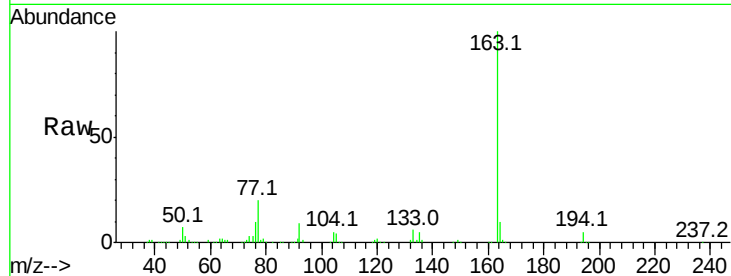
#49  
Dimethylphthalate  
Concen: 41.505 ng  
RT: 14.35 min Scan# 1832  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 335599 |       |       |
| 194     | 4.5   |        | 3.8   | 5.6   |
| 164     | 10.1  |        | 9.3   | 13.9  |

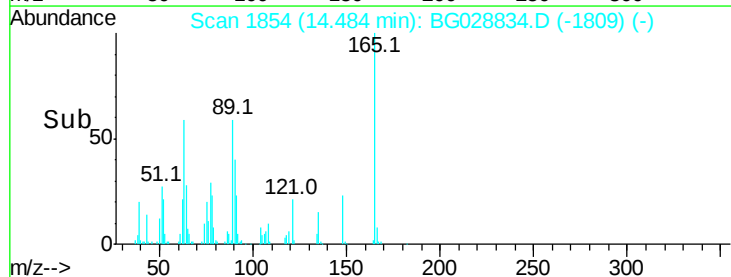
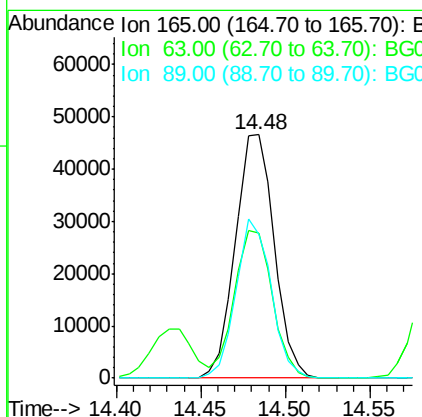
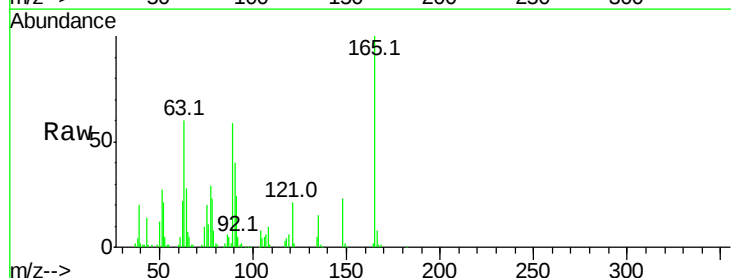
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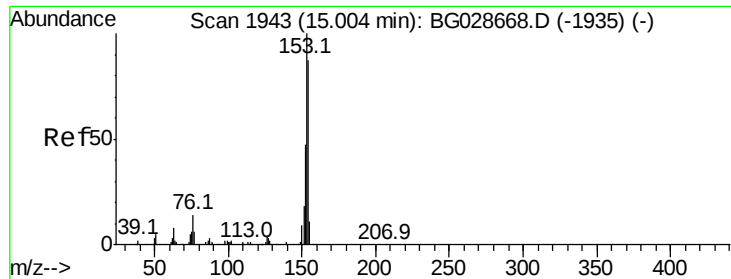
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#50  
2,6-Dinitrotoluene  
Concen: 41.520 ng  
RT: 14.48 min Scan# 1854  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 74701 |       |       |
| 63      | 59.6  |       | 63.9  | 95.9# |
| 89      | 59.3  |       | 58.6  | 88.0  |





#51

Acenaphthene

Concen: 41.168 ng

RT: 14.97 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

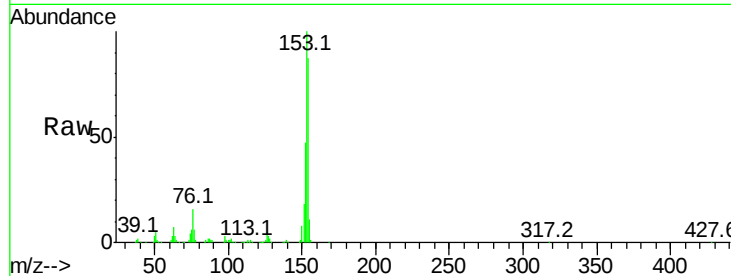
ClientSampleId :

PB102477BS

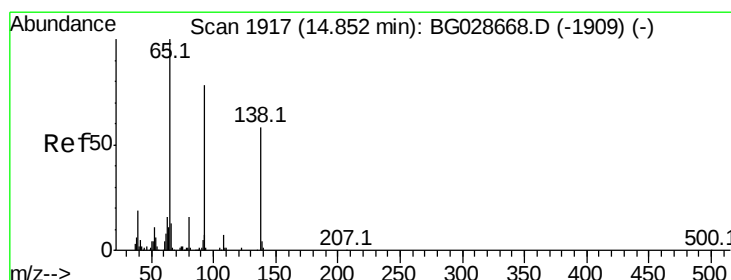
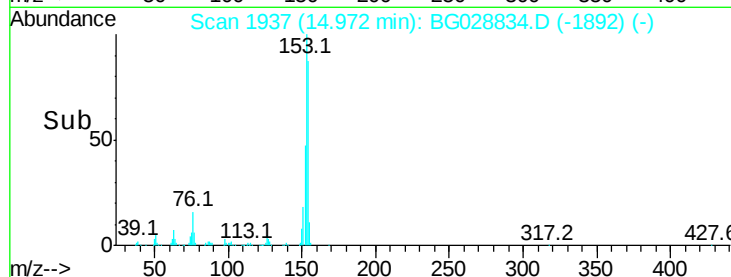
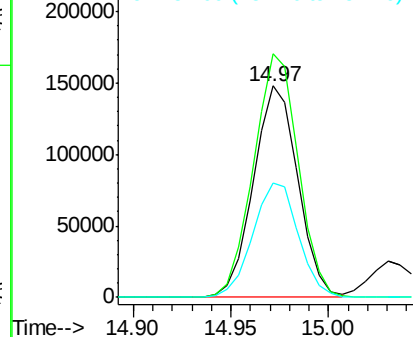
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 232651 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.2 | 87.8  | 131.6  |
| 152       | 54.0  | 42.2  | 63.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.969 ng

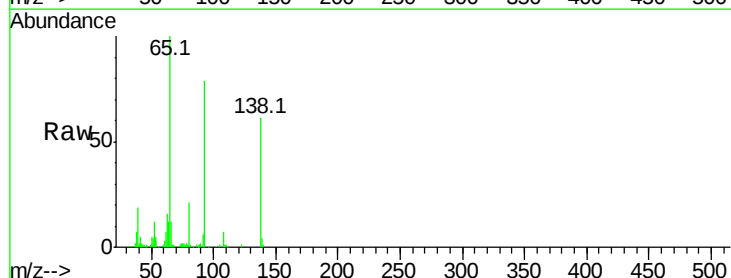
RT: 14.82 min Scan# 1911

Delta R.T. -0.03 min

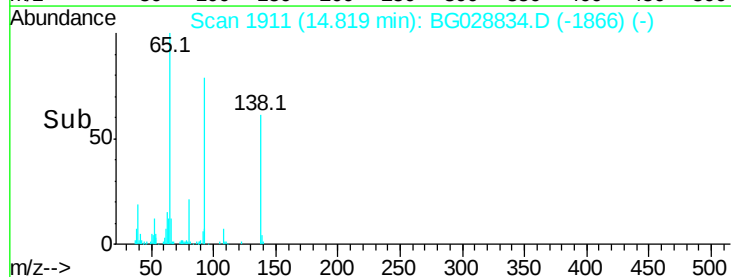
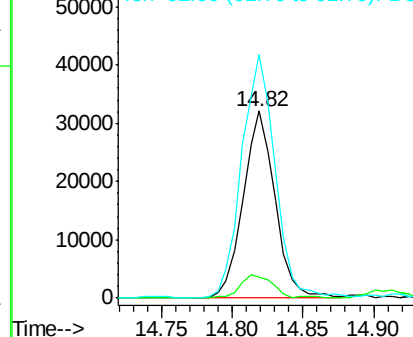
Lab File: BG028834.D

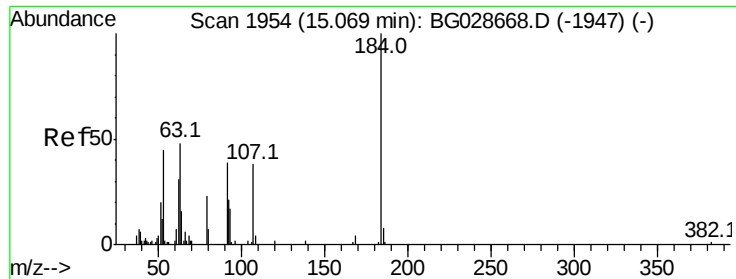
Acq: 20 Sep 2017 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 50864 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.9  | 10.9  | 16.3  |
| 92        | 130.2 | 115.3 | 172.9 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BG





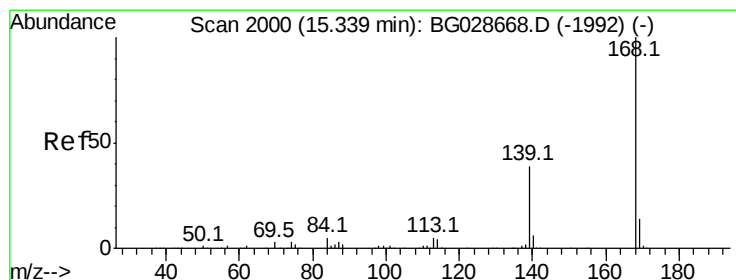
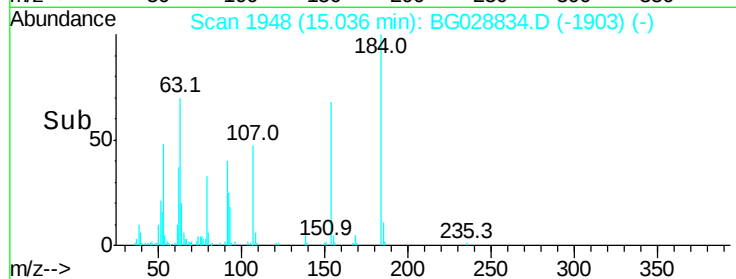
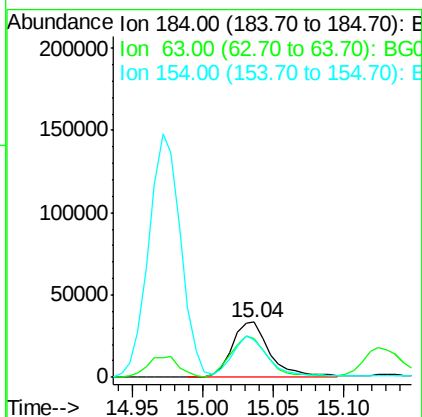
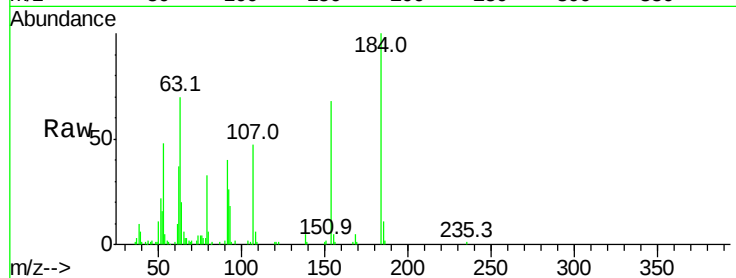
#53  
 2,4-Dinitrophenol  
 Concen: 68.279 ng  
 RT: 15.04 min Scan# 1948  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 70.3  | 52.7  | 79.1  |
| 154     | 68.0  | 57.3  | 85.9  |

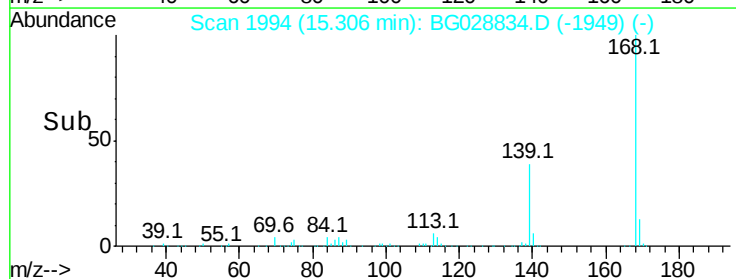
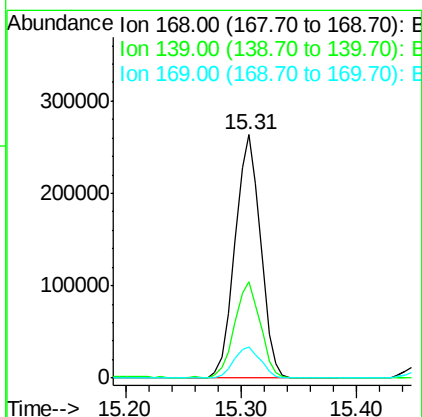
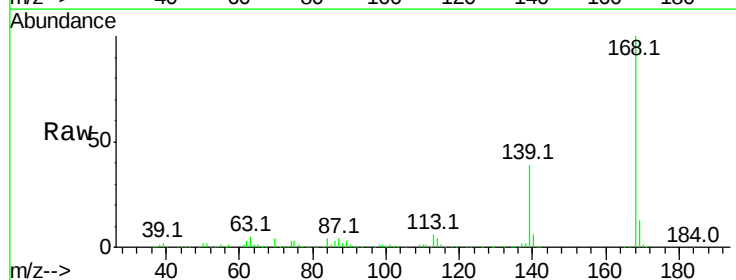
Manual Integrations  
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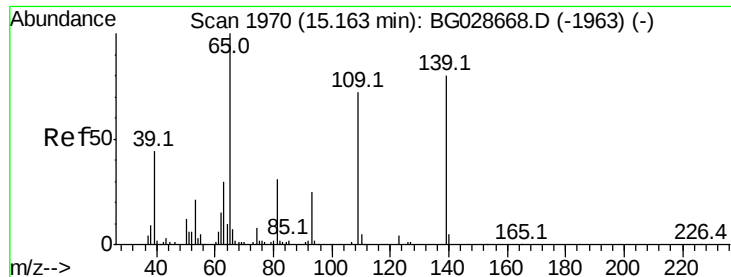
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#54  
 Dibenzofuran  
 Concen: 44.664 ng  
 RT: 15.31 min Scan# 1994  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 35.3  | 52.9  |
| 169     | 13.0  | 11.5  | 17.3  |





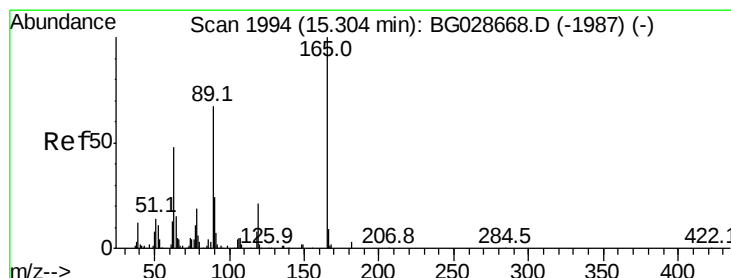
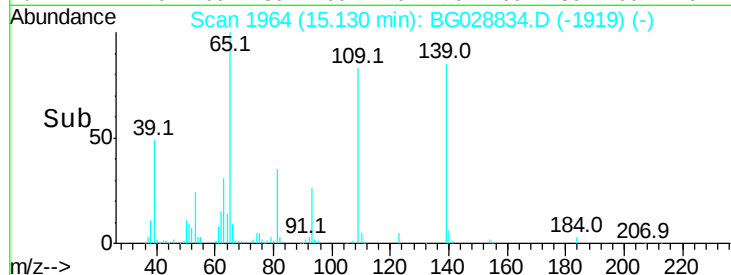
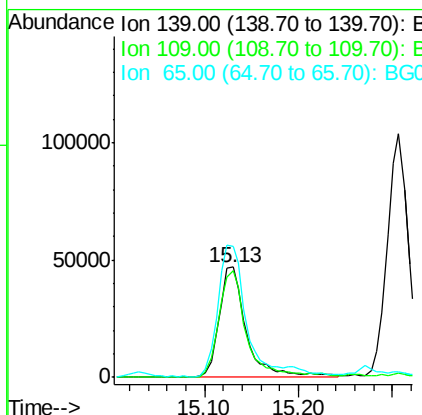
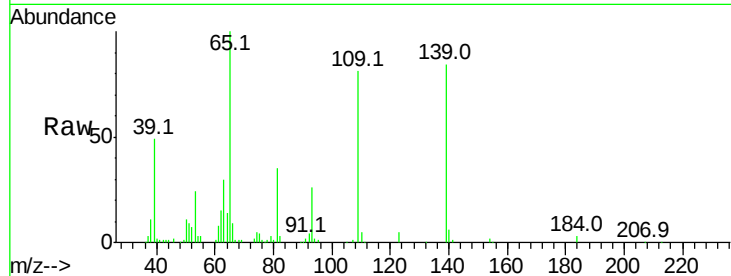
#55  
4-Nitrophenol  
Concen: 81.795 ng  
RT: 15.13 min Scan# 1964  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampled :  
PB102477BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 96.8  | 101.2 | 141.2# |
| 65      | 118.8 | 135.3 | 175.3# |

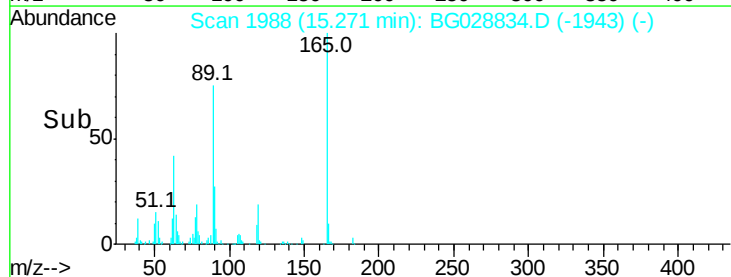
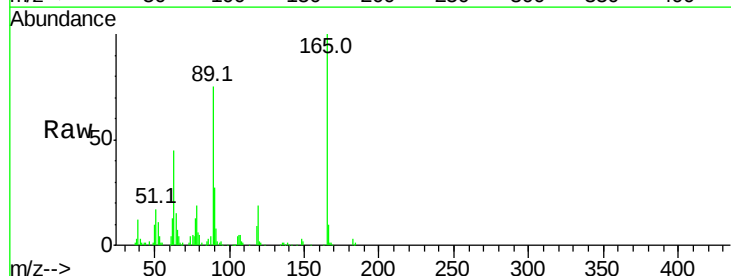
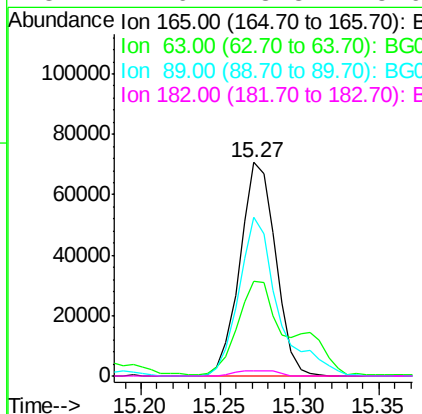
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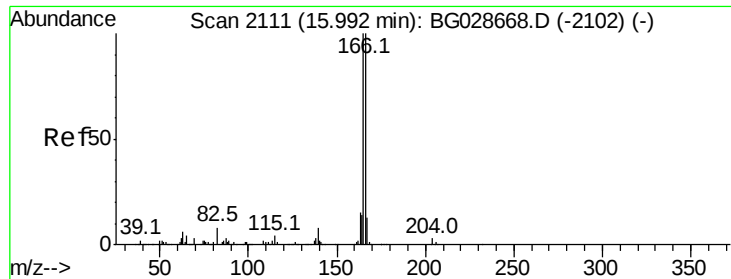
Sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 43.693 ng  
RT: 15.27 min Scan# 1988  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.6  | 44.0  | 66.0  |
| 89      | 74.5  | 67.3  | 100.9 |
| 182     | 2.6   | 3.8   | 5.6#  |





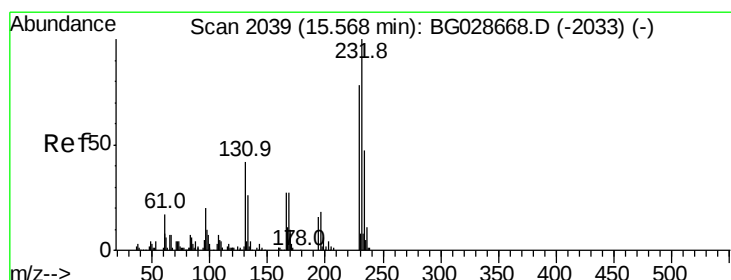
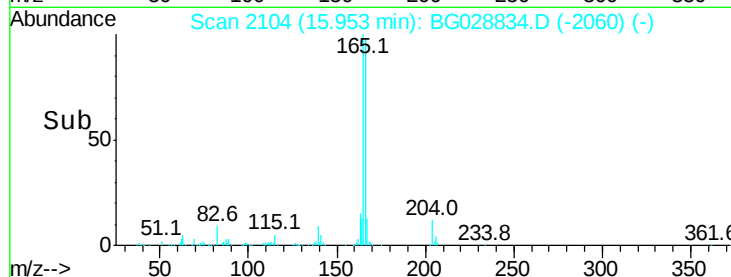
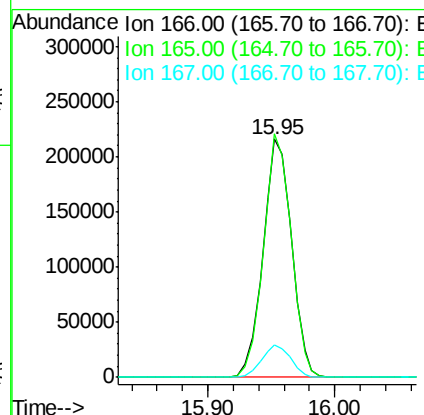
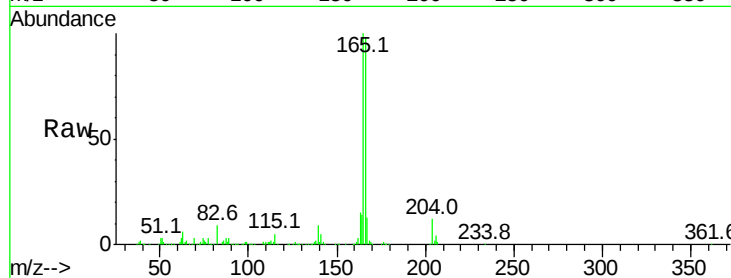
#57  
**Fluorene**  
 Concen: 42.115 ng  
 RT: 15.95 min Scan# 2104  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 102.2 | 78.6 | 117.8 |       |
| 167     | 13.4  | 11.6 | 17.4  |       |

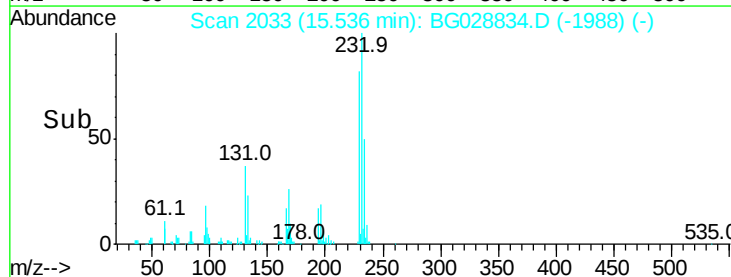
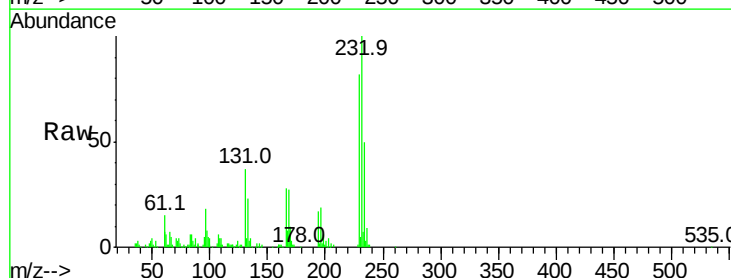
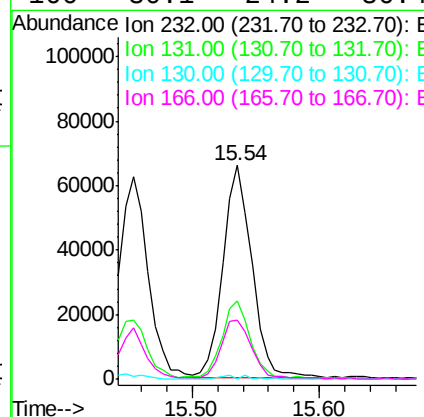
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 46.940 ng  
 RT: 15.54 min Scan# 2033  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 36.1  | 34.9 | 52.3  |       |
| 130     | 1.5   | 2.3  | 3.5#  |       |
| 166     | 30.1  | 24.2 | 36.4  |       |





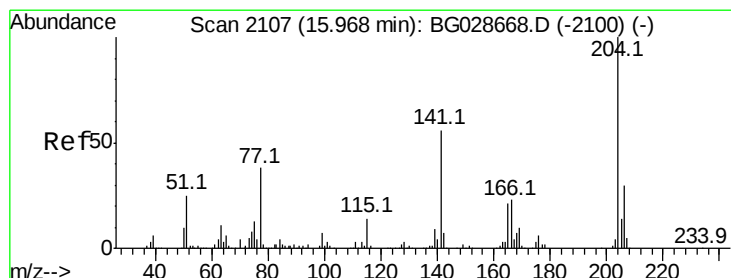
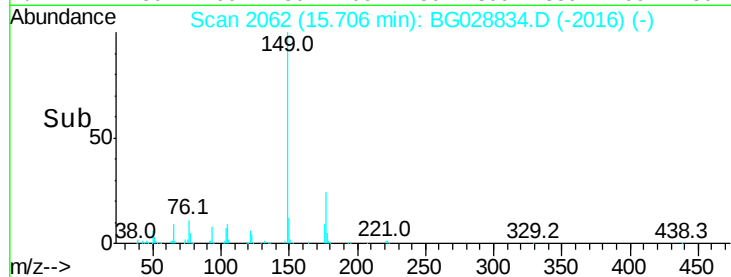
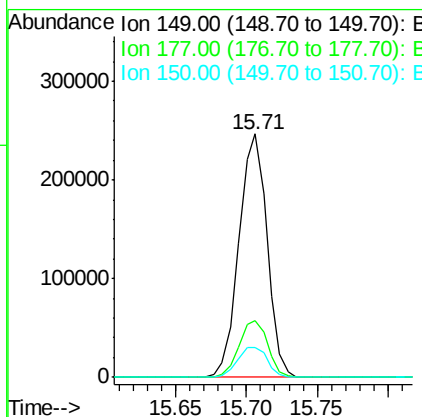
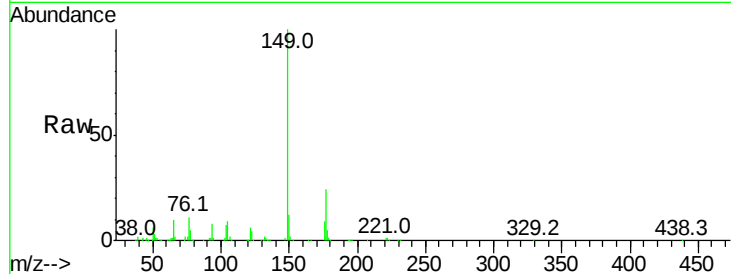
#59  
Diethylphthalate  
Concen: 41.148 ng  
RT: 15.71 min Scan# 2062  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 23.5  | 20.1 | 30.1  |       |
| 150     | 12.1  | 10.2 | 15.2  |       |

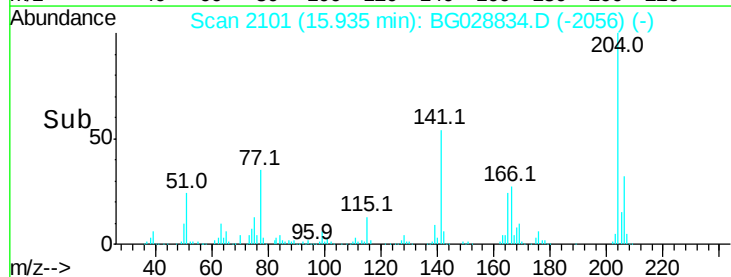
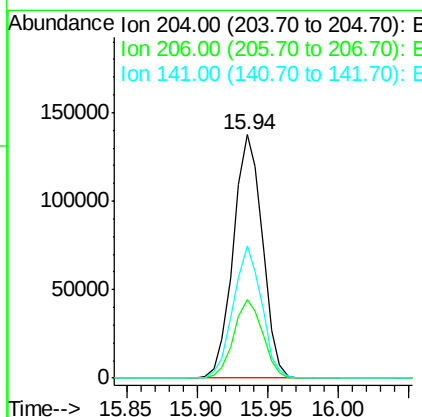
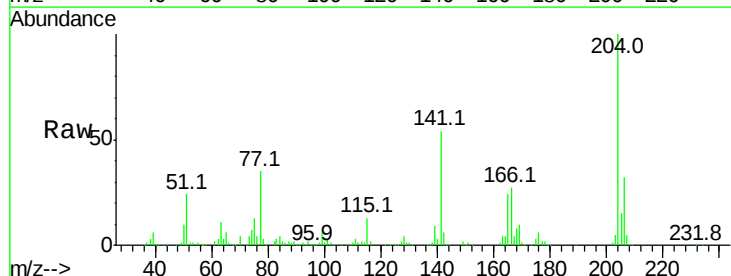
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#60  
4-Chlorophenyl-phenylether  
Concen: 42.936 ng  
RT: 15.94 min Scan# 2101  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.4  | 30.1 | 45.1  |       |
| 141     | 54.2  | 50.6 | 76.0  |       |





#61

4-Nitroaniline

Concen: 42.228 ng

RT: 15.98 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

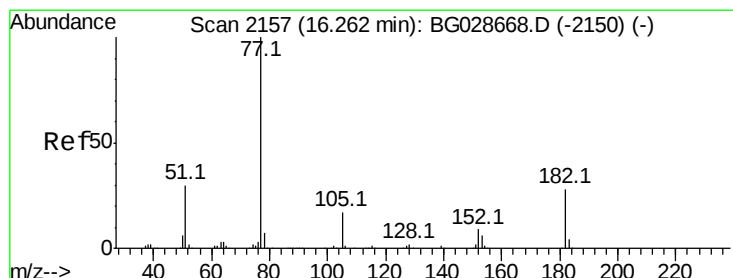
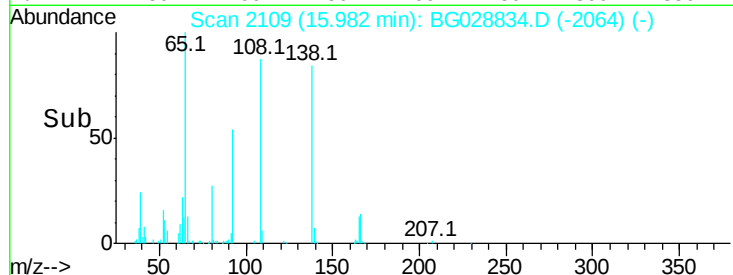
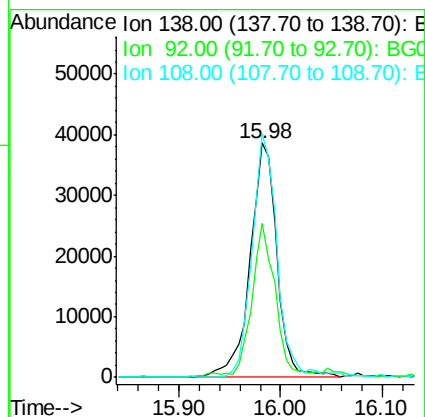
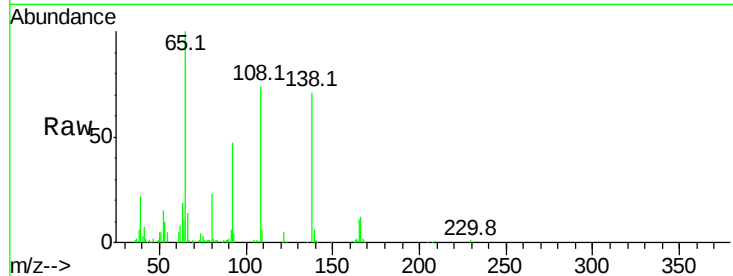
ClientSampleId :

PB102477BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 138   | Resp: | 71178  |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 65.9  | 44.2  | 84.2   |
| 108      | 103.9 | 104.8 | 144.8# |

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#62

Azobenzene

Concen: 44.643 ng

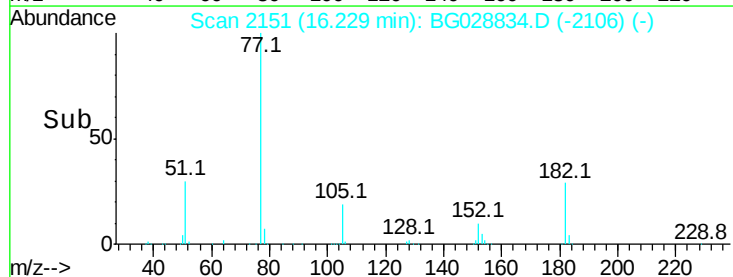
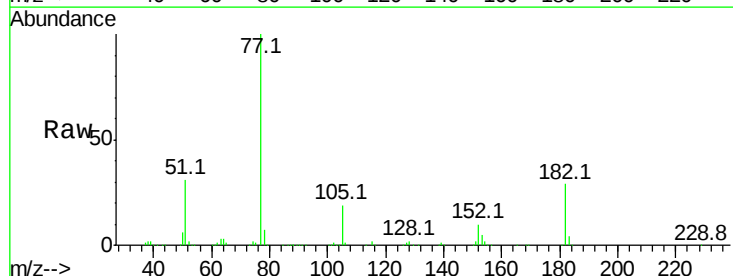
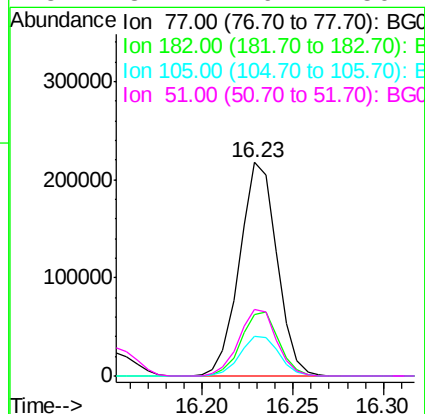
RT: 16.23 min Scan# 2151

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 311979 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.1  | 4.7   | 44.7   |
| 105      | 18.6  | 0.0   | 36.3   |
| 51       | 31.1  | 16.4  | 56.4   |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

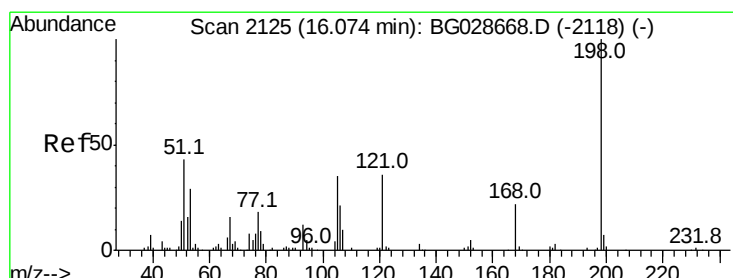
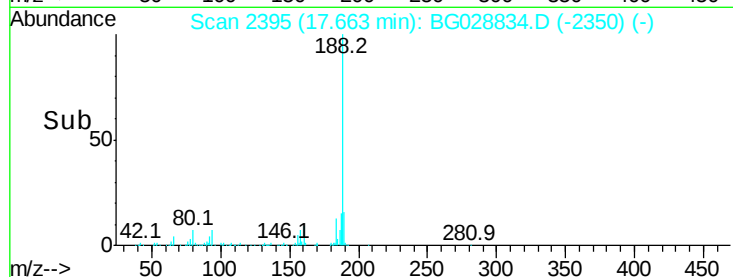
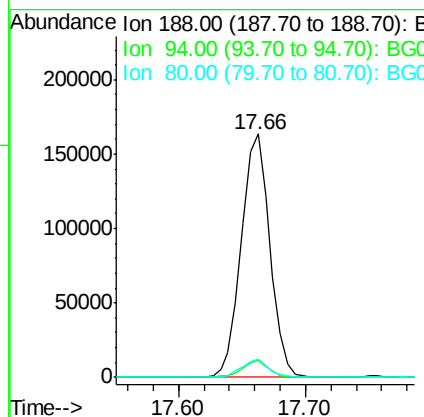
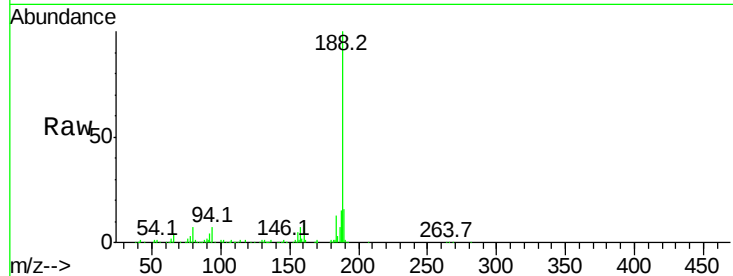
ClientSampleId :

PB102477BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 255347 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.0   | 5.8   | 8.8    |
| 80        | 7.4   | 7.5   | 11.3#  |

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.043 ng

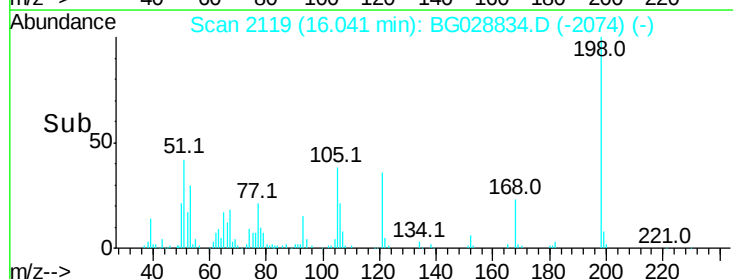
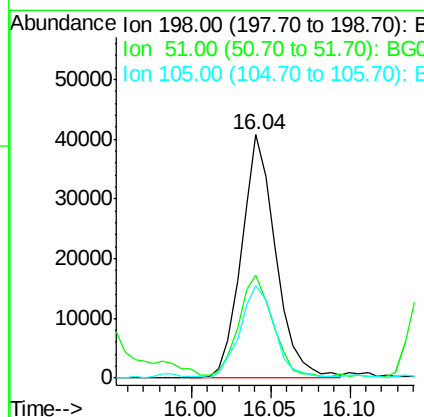
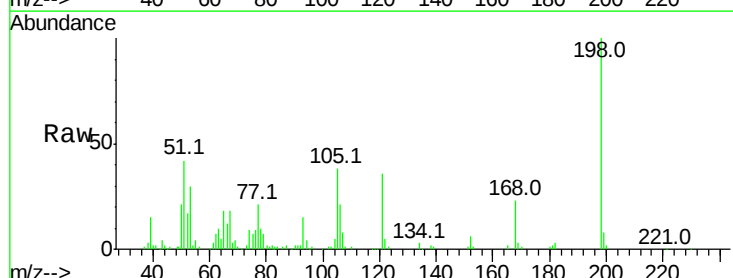
RT: 16.04 min Scan# 2119

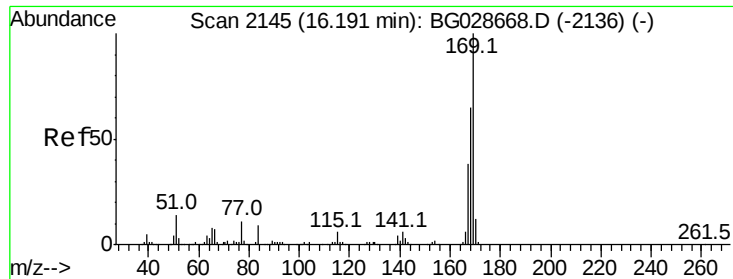
Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 61035 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 42.3  | 22.6  | 62.6  |
| 105       | 38.0  | 14.4  | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 39.938 ng

RT: 16.15 min Scan# 2138

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

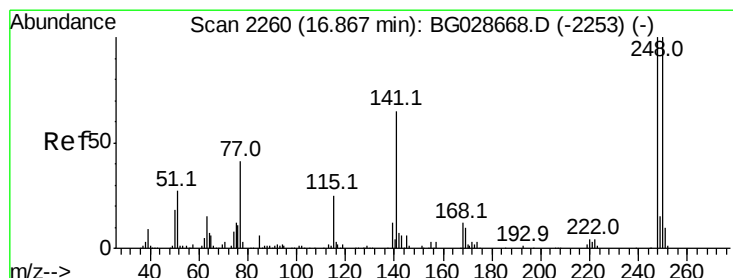
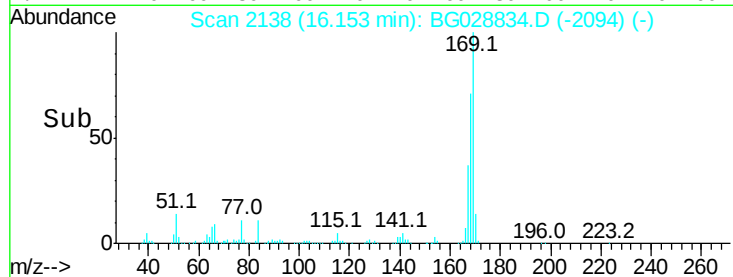
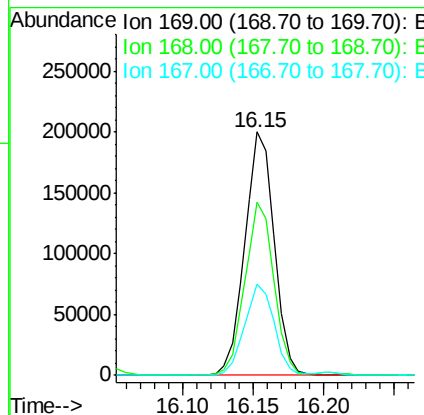
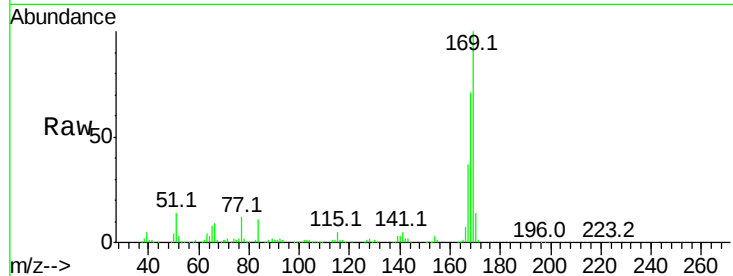
ClientSampled :

PB102477BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 292346 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.1  | 55.7  | 83.5   |
| 167       | 37.3  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 41.222 ng

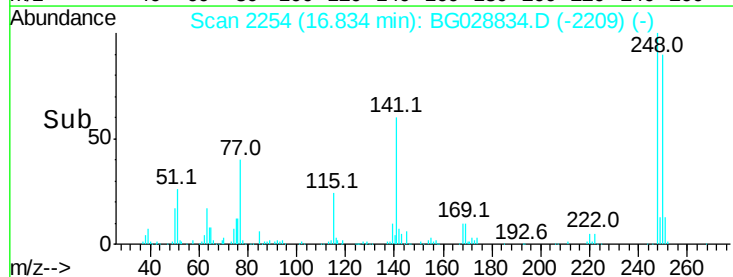
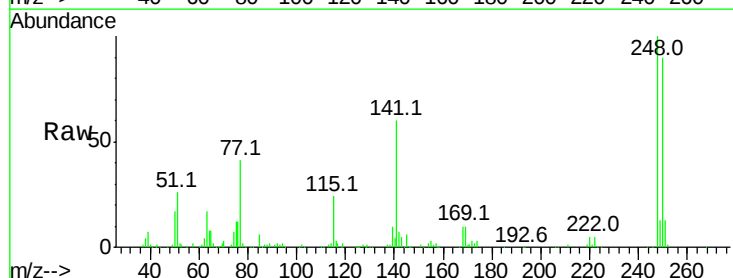
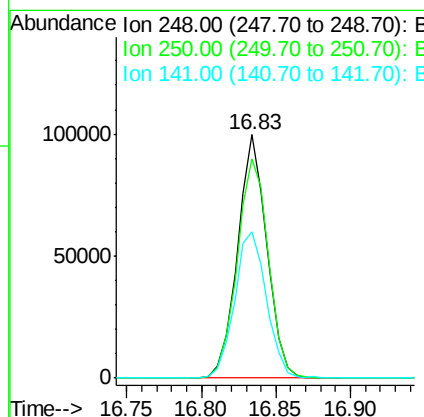
RT: 16.83 min Scan# 2254

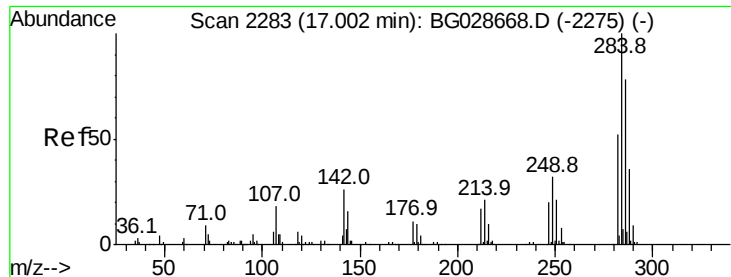
Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 135440 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 89.9  | 75.0  | 112.6  |
| 141       | 60.1  | 55.2  | 82.8   |





#67

Hexachlorobenzene

Concen: 38.069 ng

RT: 16.97 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

ClientSampleId :

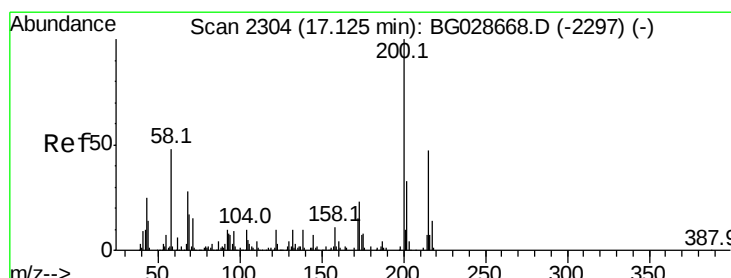
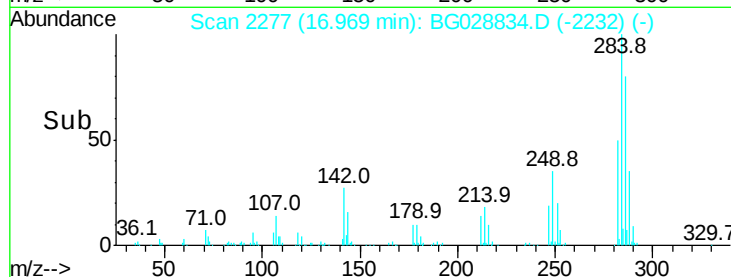
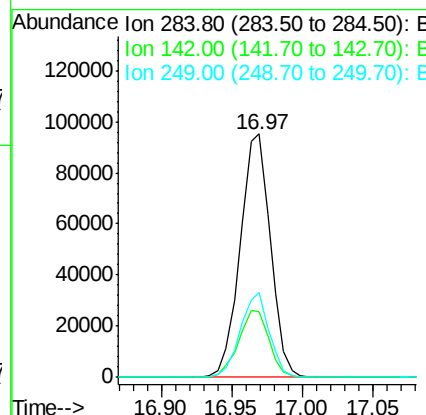
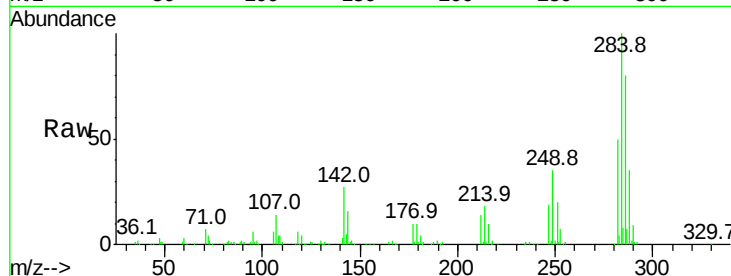
PB102477BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 27.2  | 29.9 | 44.9  | #     |
| 249     | 34.6  | 29.2 | 43.8  |       |

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#68

Atrazine

Concen: 41.096 ng

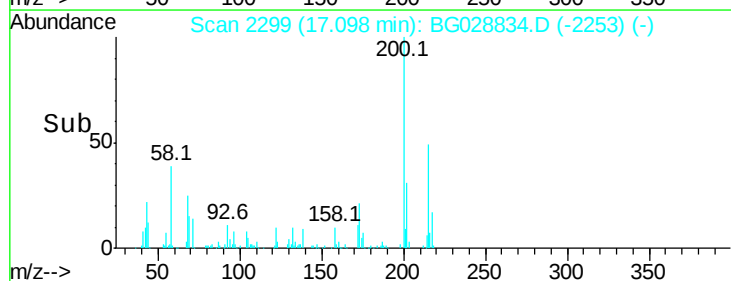
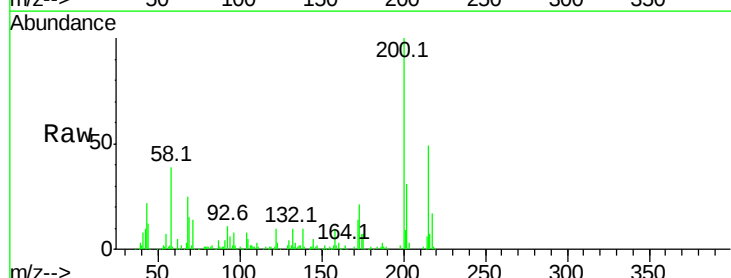
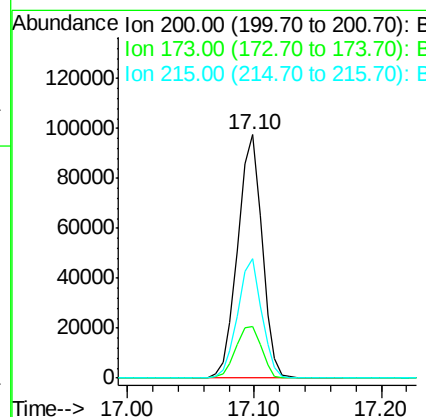
RT: 17.10 min Scan# 2299

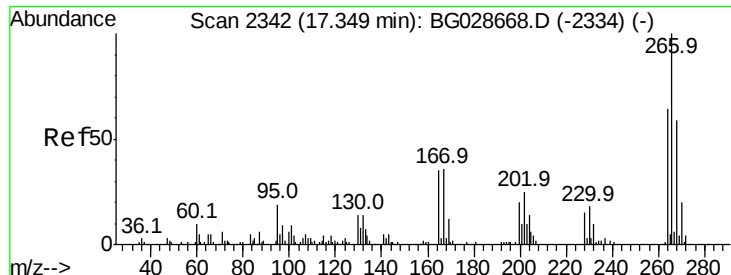
Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 21.4  | 3.0  | 43.0  |       |
| 215     | 49.1  | 28.4 | 68.4  |       |





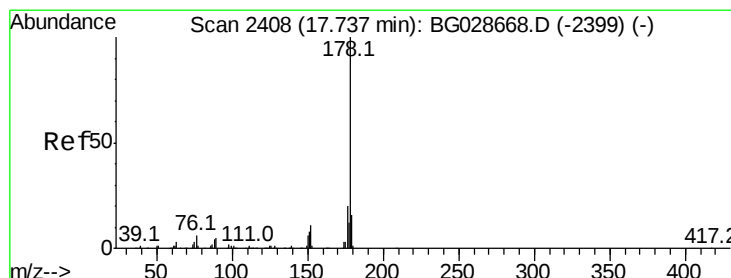
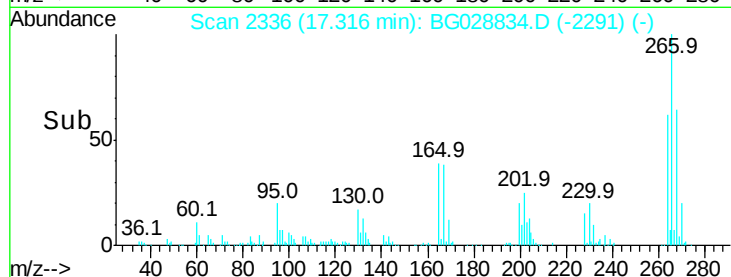
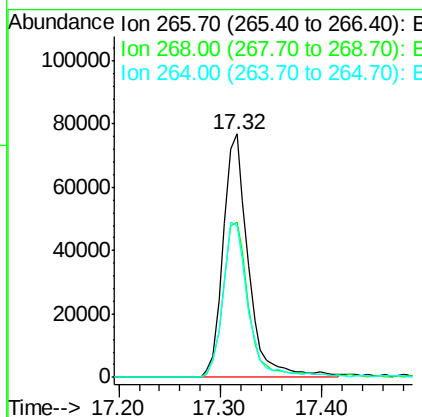
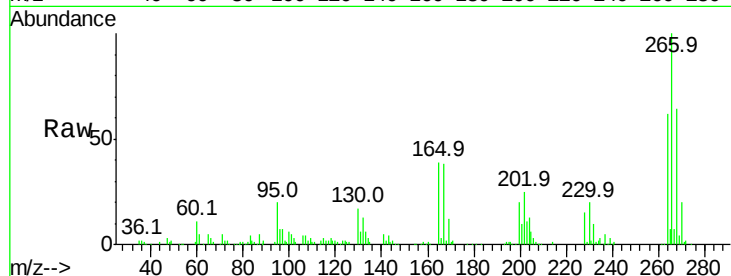
#69  
 Pentachlorophenol  
 Concen: 78.804 ng  
 RT: 17.32 min Scan# 2336  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 133146 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 63.9 | 48.6  | 72.8   |
| 264       | 62.0 | 50.1  | 75.1   |

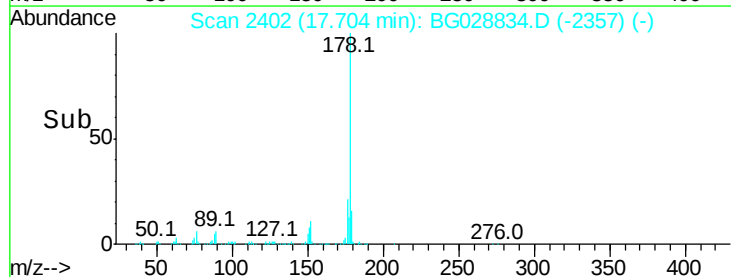
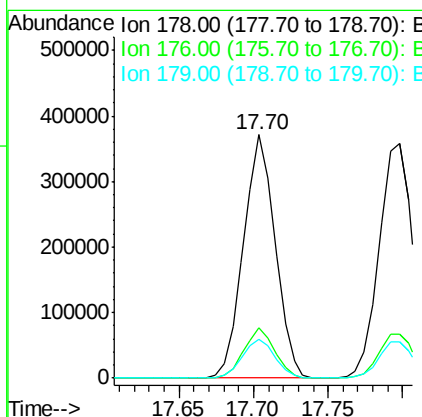
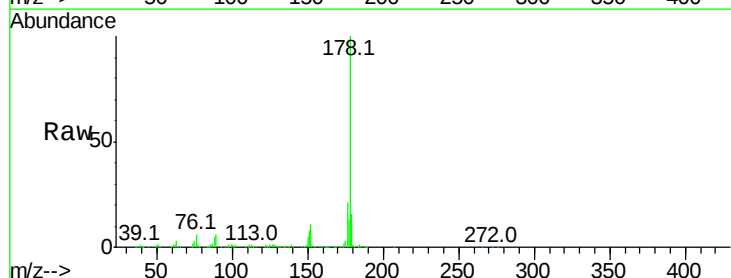
Manual Integrations  
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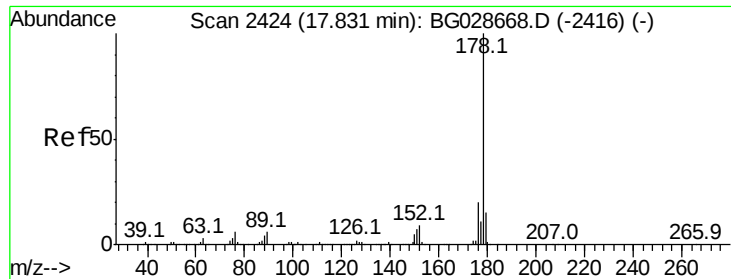
Sohil  
 9/22/2017 3:58:13 PM



#70  
 Phenanthrene  
 Concen: 41.900 ng  
 RT: 17.70 min Scan# 2402  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 178  | Resp: | 547123 |
| Ion Ratio |      | Lower | Upper  |
| 178       | 100  |       |        |
| 176       | 20.6 | 17.7  | 26.5   |
| 179       | 15.9 | 15.0  | 22.6   |





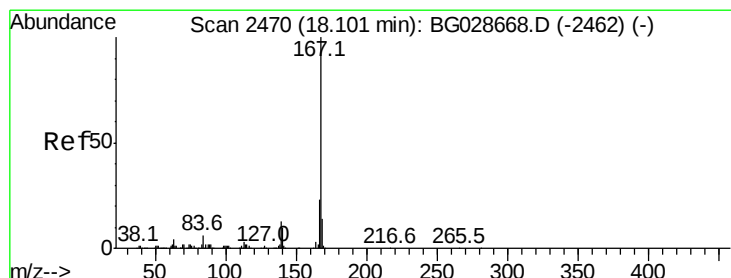
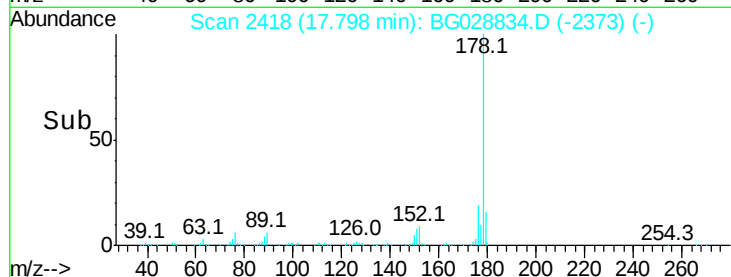
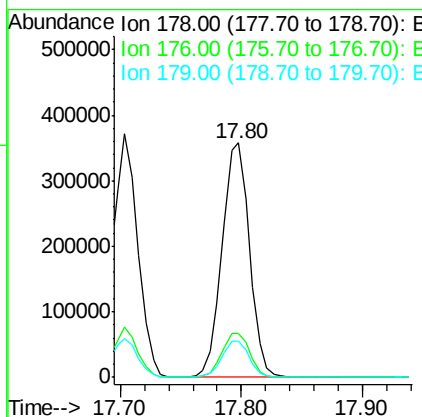
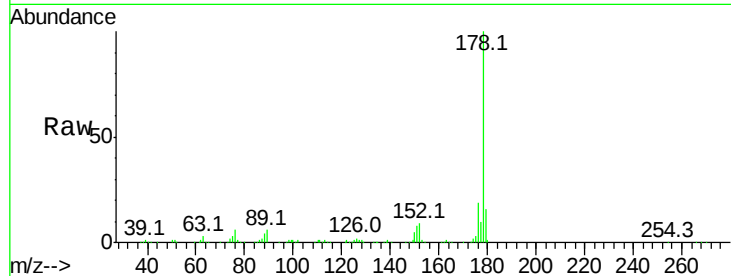
#71  
 Anthracene  
 Concen: 42.604 ng  
 RT: 17.80 min Scan# 2418  
 Delta R.T. -0.03 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 16.4  | 24.6  |
| 179     | 15.5  | 13.8  | 20.8  |

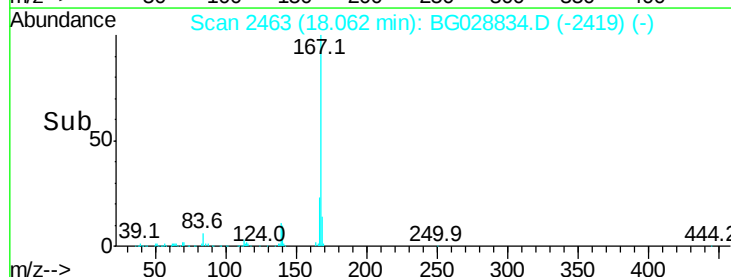
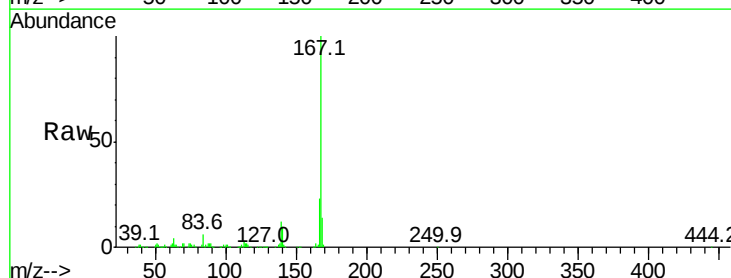
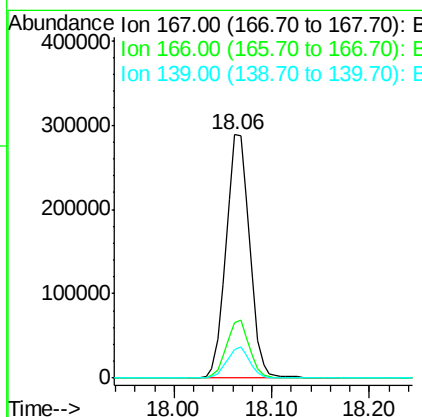
Manual Integrations  
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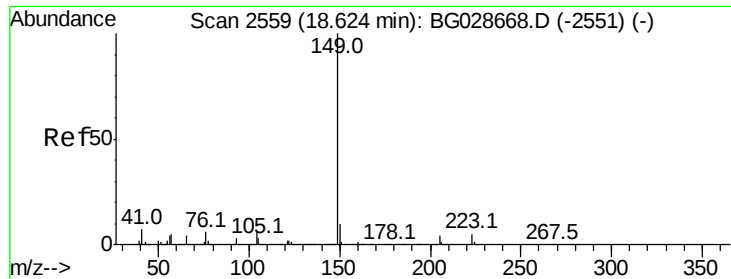
Sohil  
 9/22/2017 3:58:13 PM



#72  
 Carbazole  
 Concen: 40.762 ng  
 RT: 18.06 min Scan# 2463  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 20.2  | 30.2  |
| 139     | 11.7  | 12.8  | 19.2# |





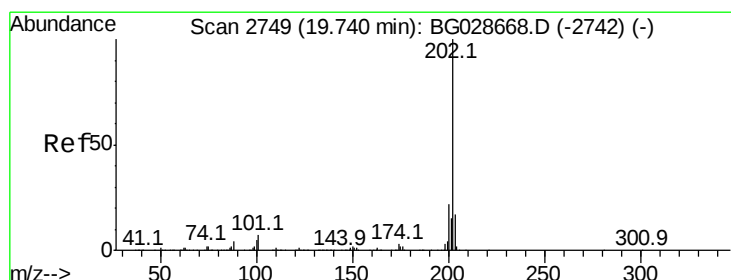
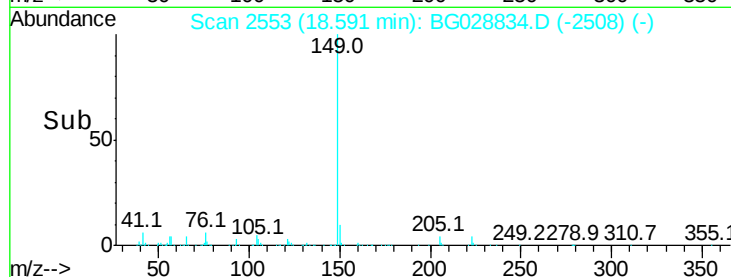
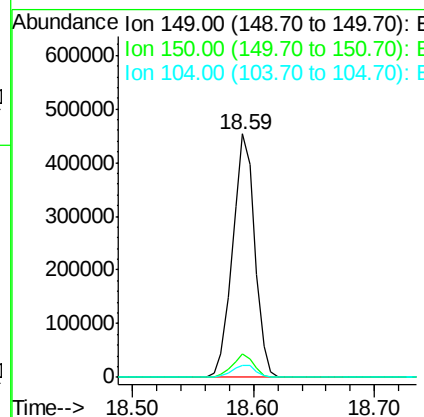
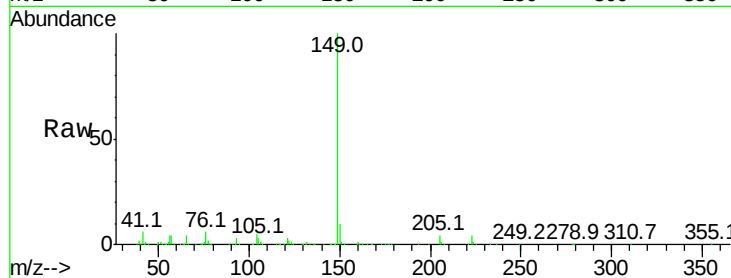
#73  
Di-n-butylphthalate  
Concen: 39.582 ng  
RT: 18.59 min Scan# 2553  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 9.7   | 9.1        | 13.7  |
| 104     | 5.1   | 6.7        | 10.1  |

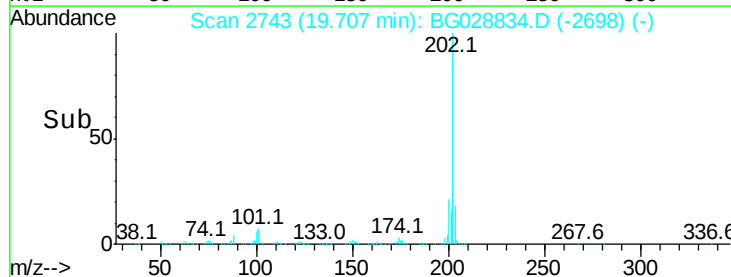
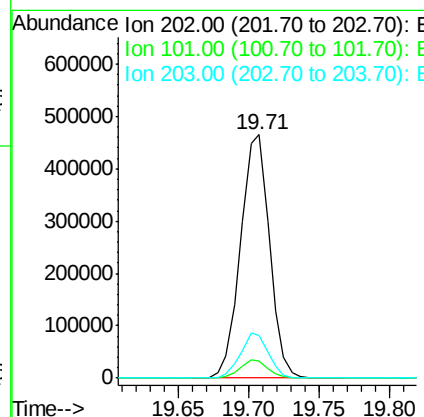
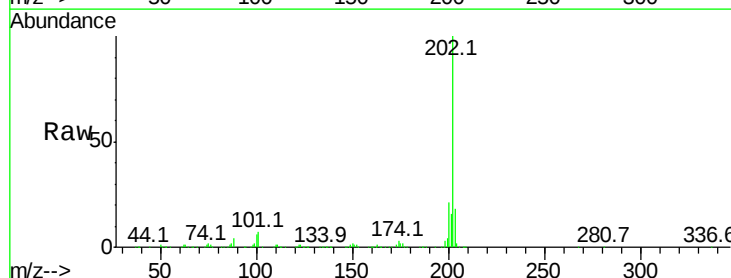
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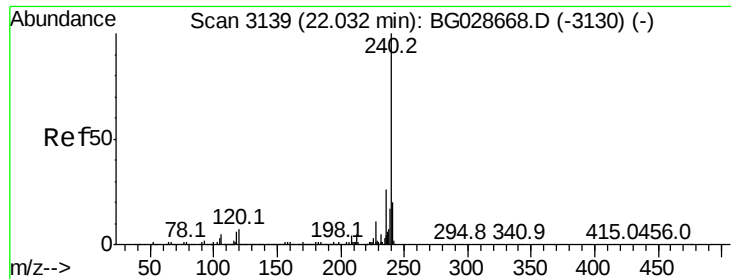
Sohil  
9/22/2017 3:58:13 PM



#74  
Fluoranthene  
Concen: 41.846 ng  
RT: 19.71 min Scan# 2743  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.0   | 0.0        | 30.1  |
| 203     | 17.8  | 1.3        | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

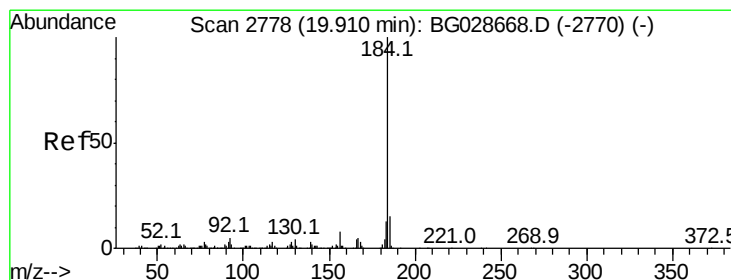
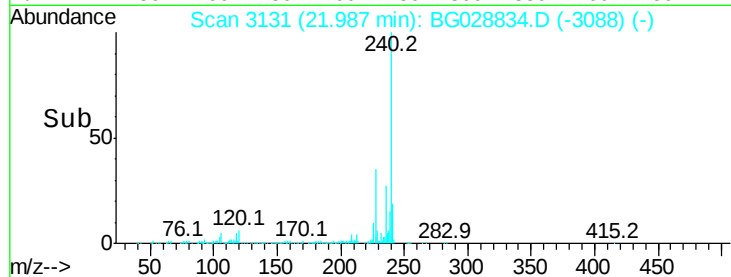
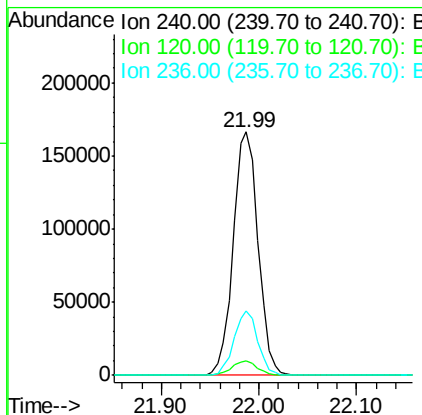
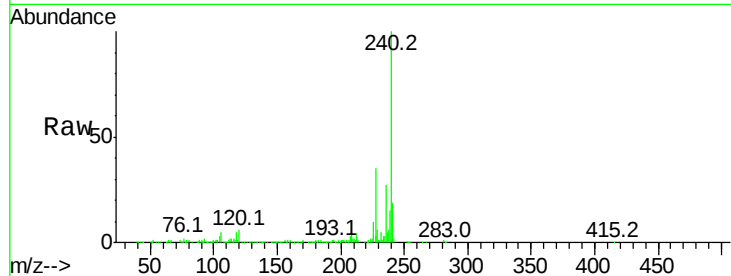
ClientSampleId :

PB102477BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 293656 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.0   | 5.7   | 8.5    |
| 236       | 26.5  | 22.2  | 33.4   |

Manual Integrations  
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#76

Benzidine

Concen: 27.243 ng

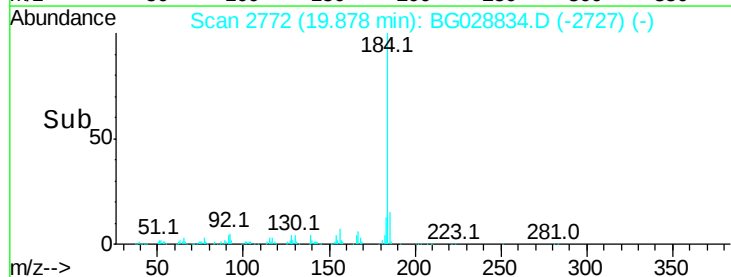
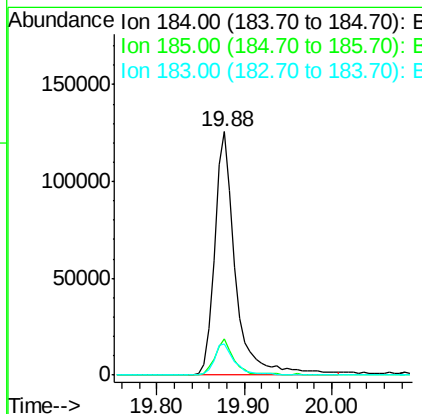
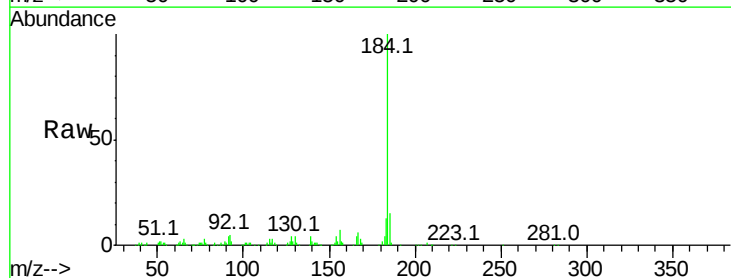
RT: 19.88 min Scan# 2772

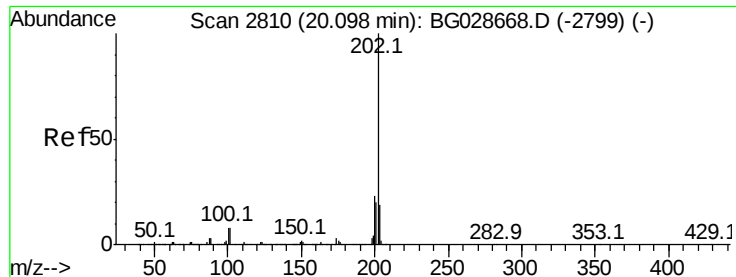
Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 207461 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 13.0  | 19.6   |
| 183       | 12.9  | 11.0  | 16.6   |





#77

Pvrene

Concen: 41.297 ng

RT: 20.07 min Scan# 2804

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

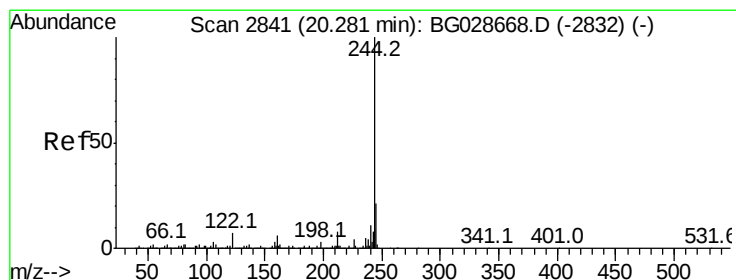
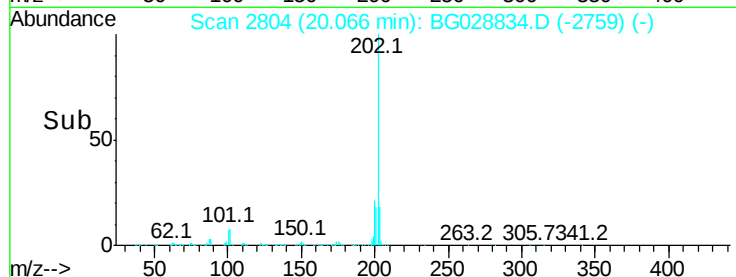
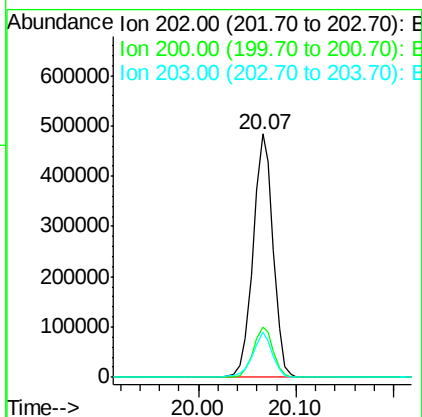
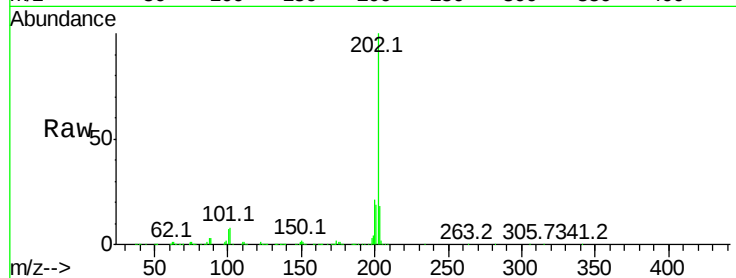
ClientSampleId :

PB102477BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 699497 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 20.9 | 19.6  | 29.4   |
| 203       | 18.4 | 15.8  | 23.8   |

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#78

Terphenyl-d14

Concen: 78.107 ng

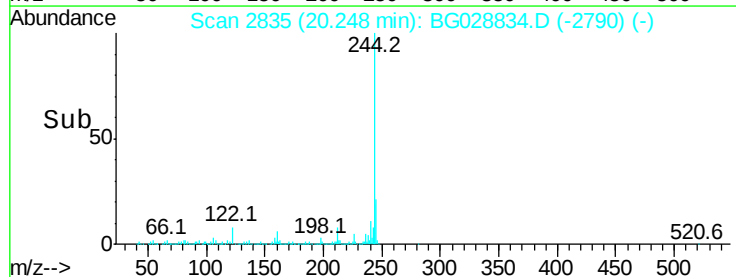
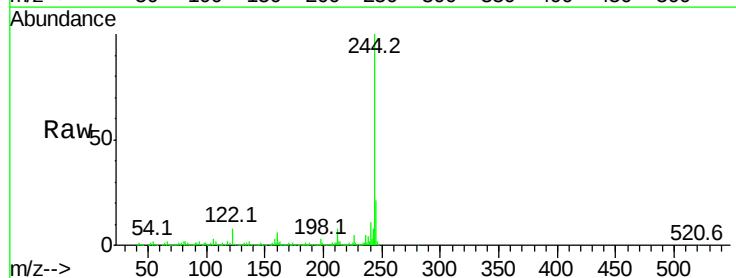
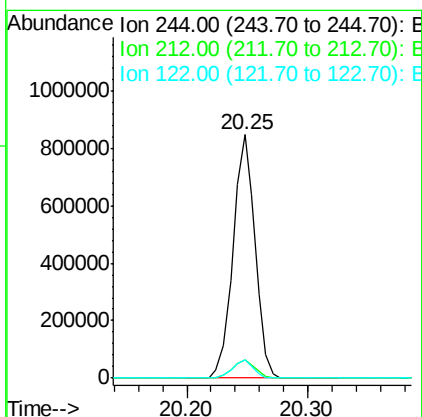
RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1075534 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 7.5 | 10.0  | 15.0#   |
| 122       | 7.6 | 8.6   | 12.8#   |





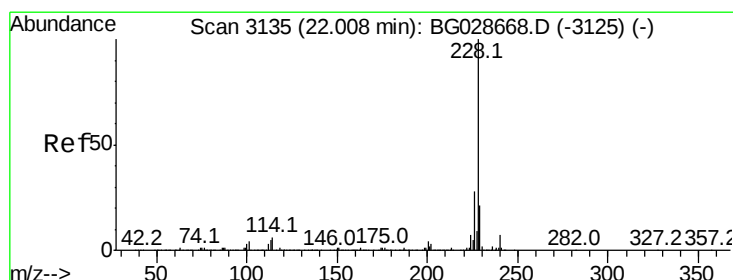
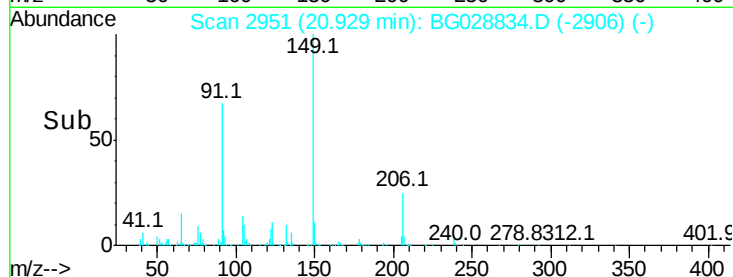
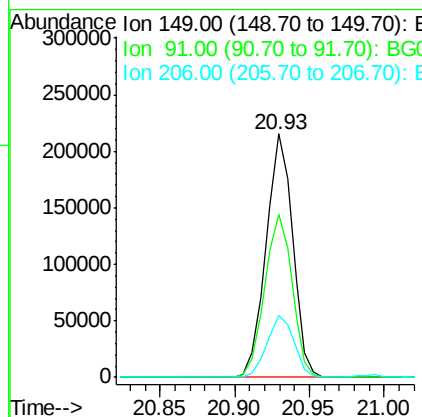
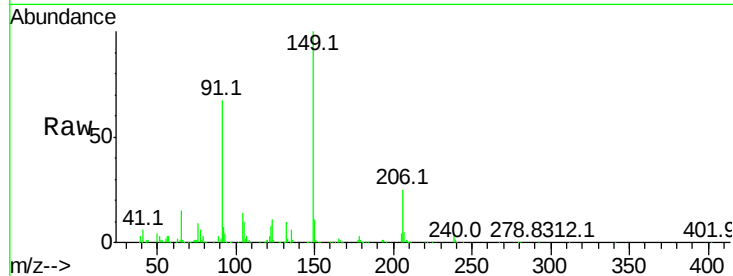
#79  
Butylbenzylphthalate  
Concen: 38.764 ng  
RT: 20.93 min Scan# 2951  
Delta R.T. -0.03 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 265174 |       |       |
| 91      | 66.8  | 63.5   | 95.3  |       |
| 206     | 25.5  | 21.0   | 31.6  |       |

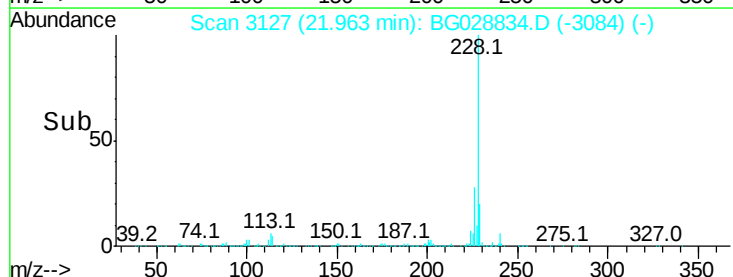
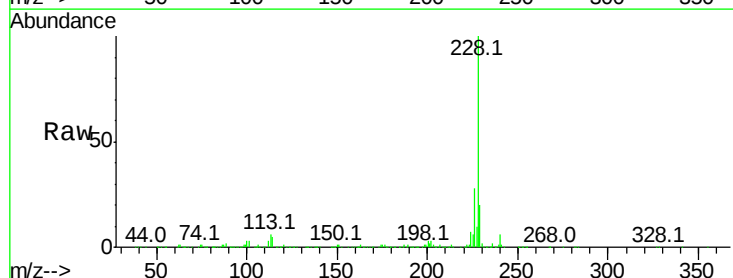
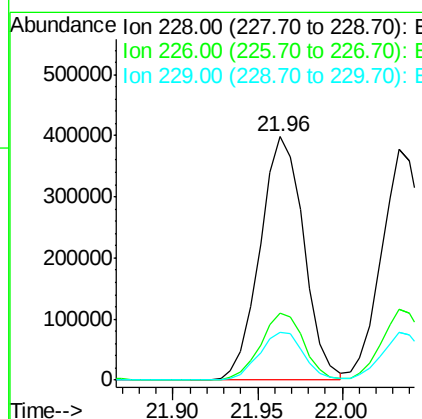
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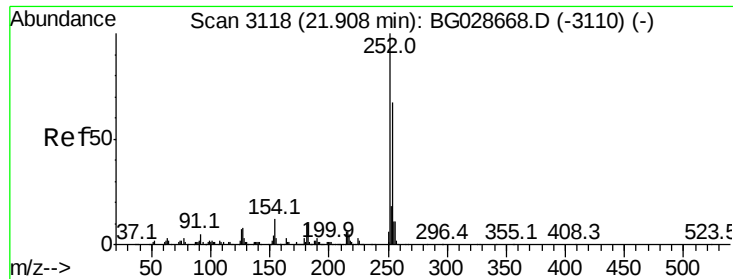
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 40.567 ng  
RT: 21.96 min Scan# 3127  
Delta R.T. -0.04 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 717059 |       |       |
| 226     | 27.8  | 24.9   | 37.3  |       |
| 229     | 19.6  | 18.2   | 27.2  |       |





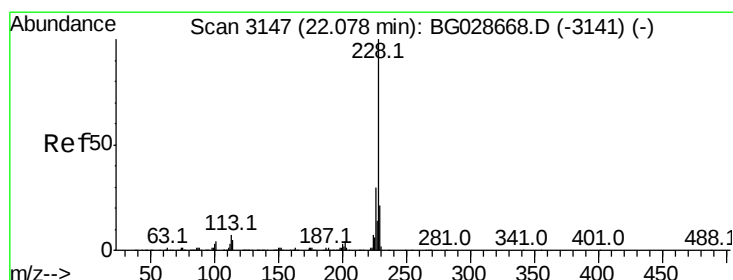
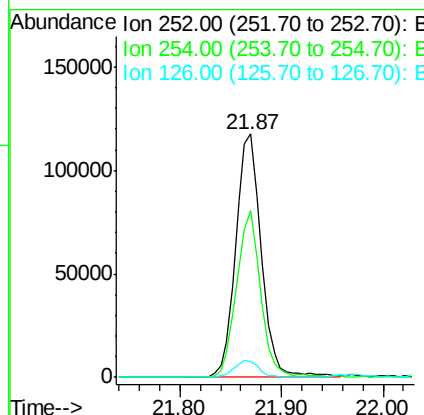
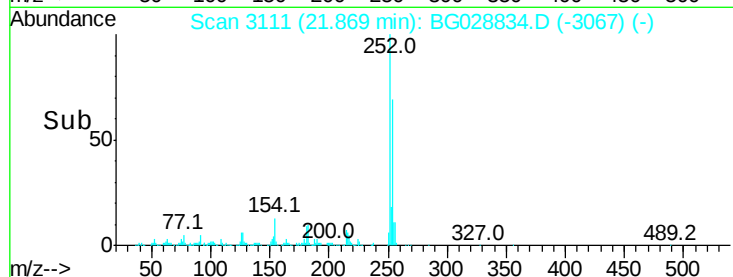
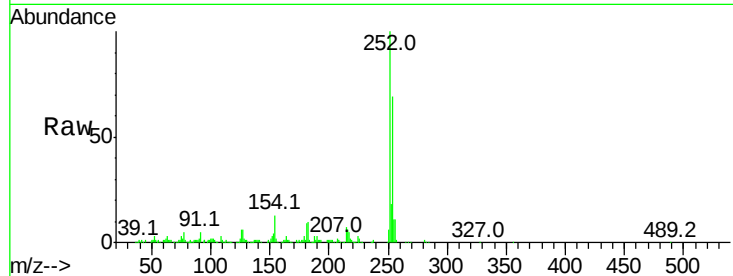
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.797 ng  
 RT: 21.87 min Scan# 3111  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 68.5  | 53.1       | 79.7  |
| 126     | 6.4   | 7.0        | 10.4  |

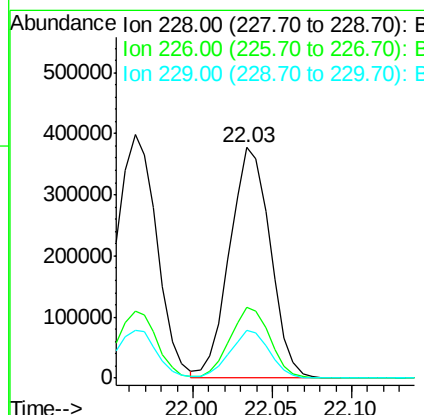
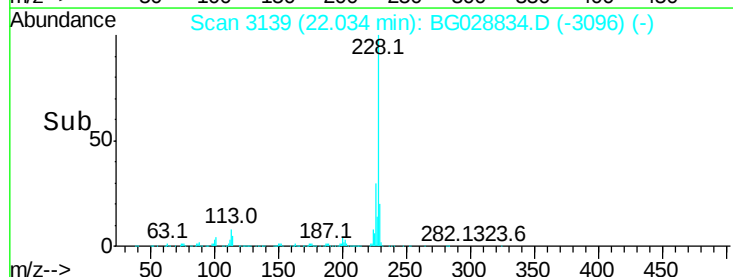
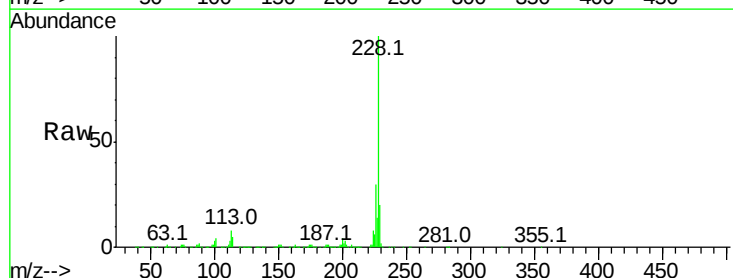
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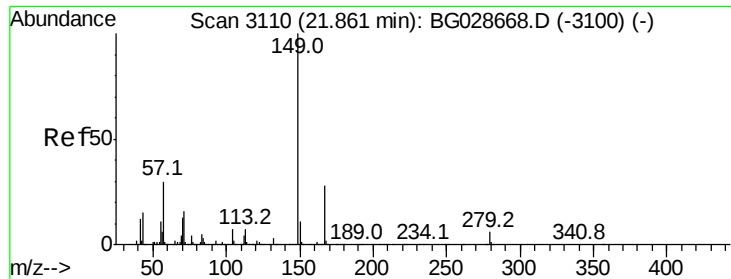
Sohil  
 9/22/2017 3:58:13 PM



#82  
 Chrysene  
 Concen: 39.808 ng  
 RT: 22.03 min Scan# 3139  
 Delta R.T. -0.04 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.4  | 27.0       | 40.4  |
| 229     | 20.4  | 17.8       | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.656 ng

RT: 21.82 min Scan# 3103

Delta R.T. -0.04 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

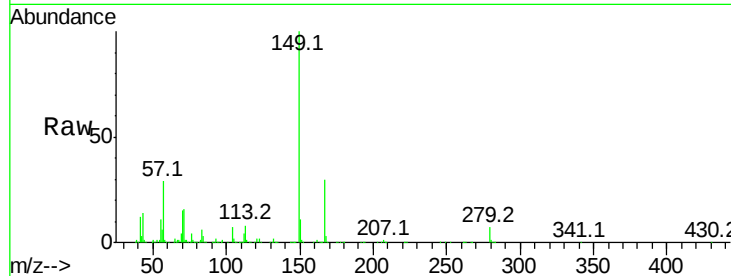
ClientSampleId :

PB102477BS

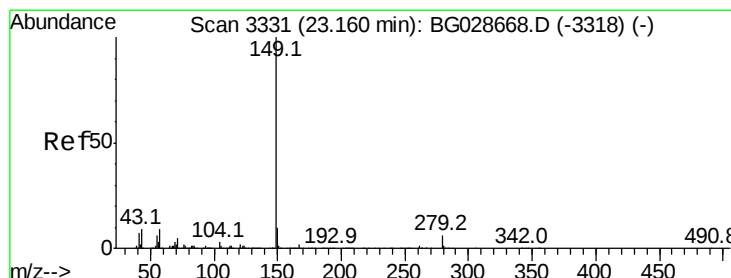
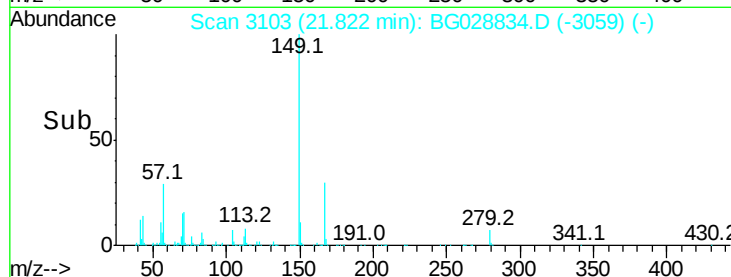
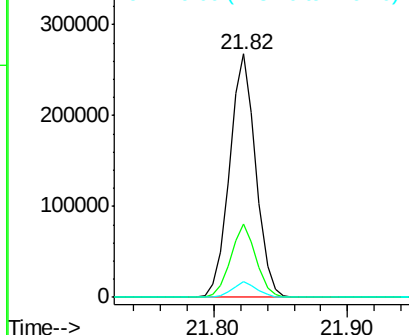
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 366214 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.0  | 23.7  | 35.5   |
| 279       | 6.6   | 4.6   | 6.8    |

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



#84

Di-n-octyl phthalate

Concen: 37.491 ng

RT: 23.11 min Scan# 3322

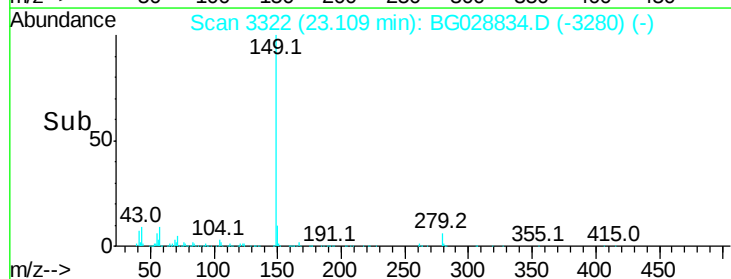
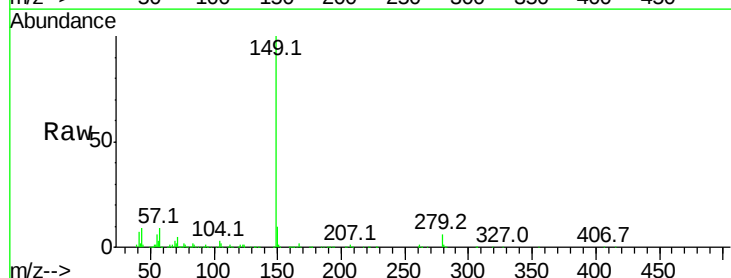
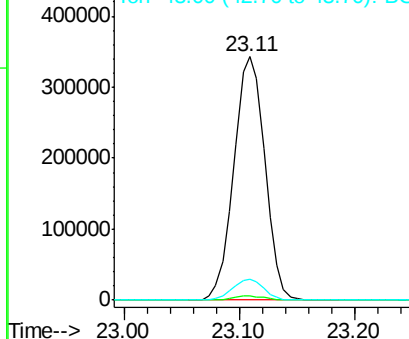
Delta R.T. -0.05 min

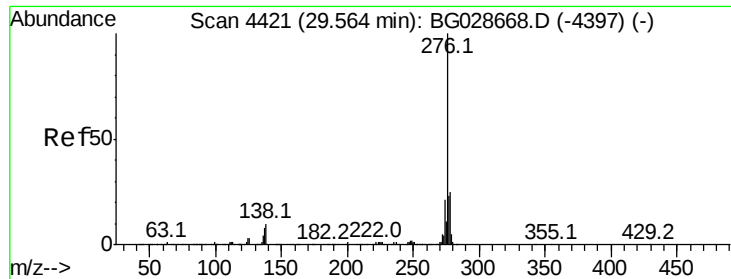
Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 637036 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.2    |
| 43        | 8.8   | 11.8  | 17.6#  |

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





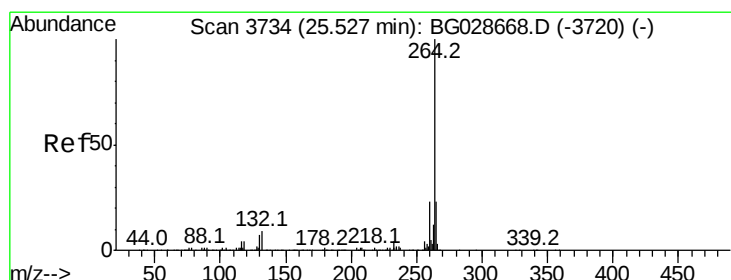
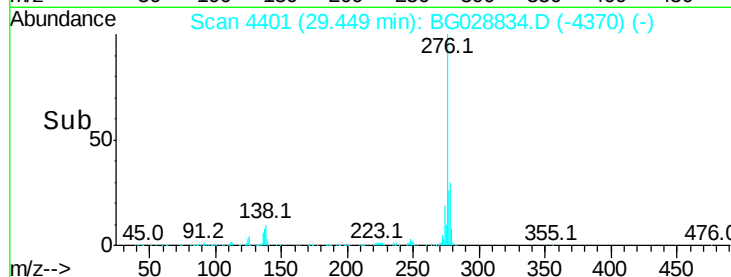
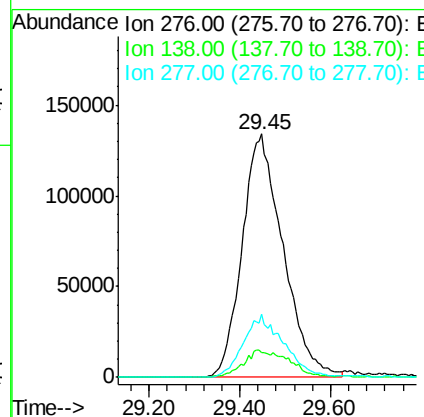
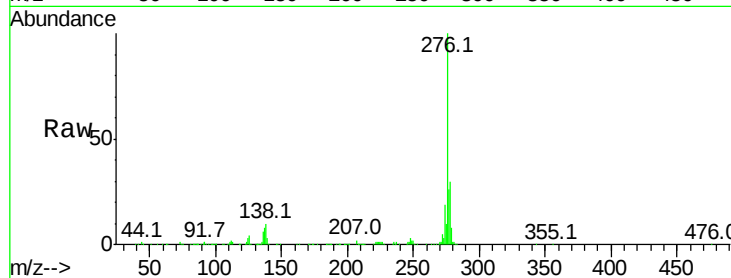
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.961 ng  
RT: 29.45 min Scan# 4401  
Delta R.T. -0.12 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.5  | 4.7   | 7.1#  |
| 277     | 25.2  | 20.6  | 31.0  |

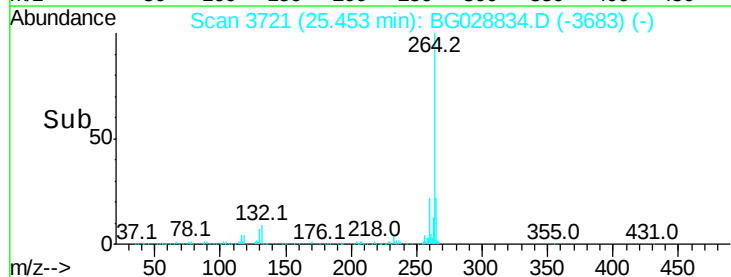
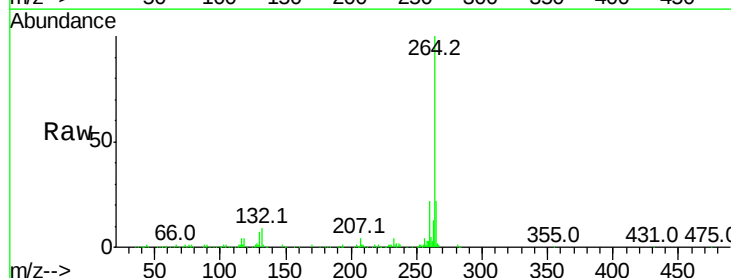
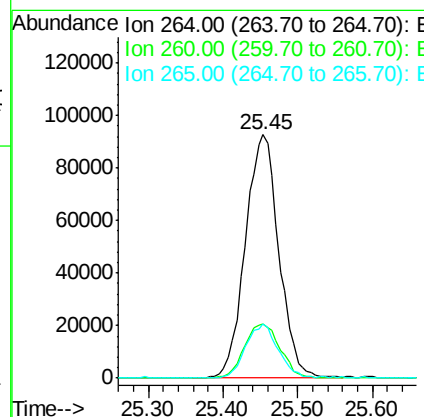
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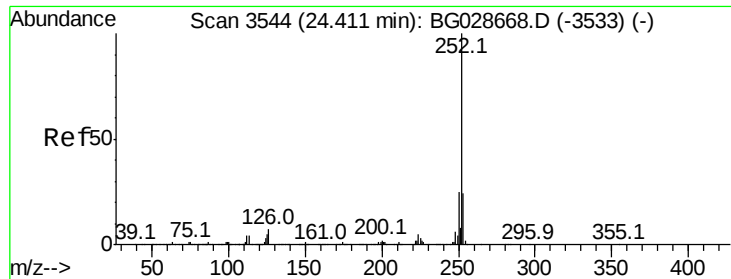
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.45 min Scan# 3721  
Delta R.T. -0.07 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 21.8  | 32.8  |
| 265     | 22.2  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 41.552 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

Instrument :

BNA\_G

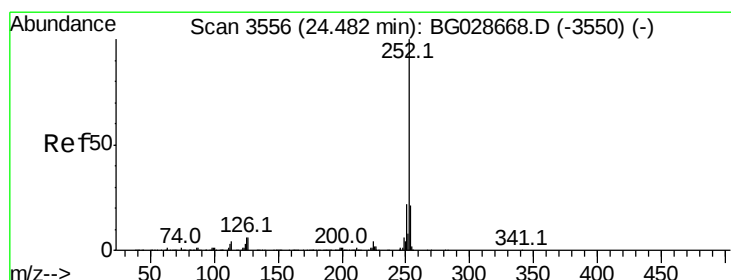
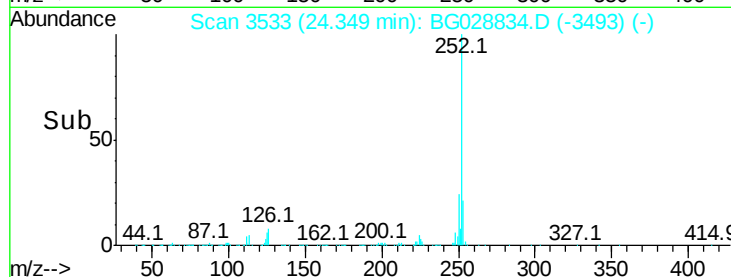
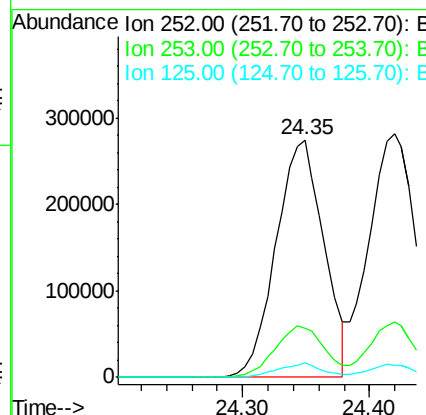
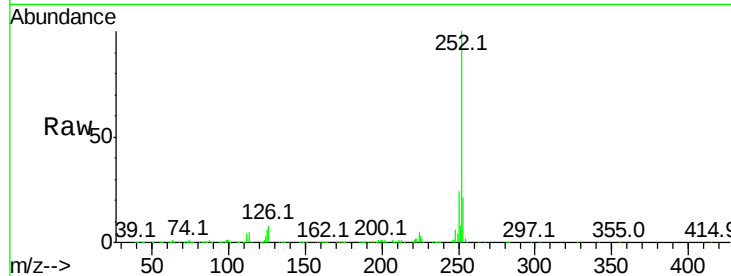
ClientSampleId :

PB102477BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:252 | Resp: | 718163 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 20.6    | 18.7  | 28.1   |
| 125 6.1     | 5.3   | 7.9    |

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#88

Benzo(k)fluoranthene

Concen: 41.057 ng

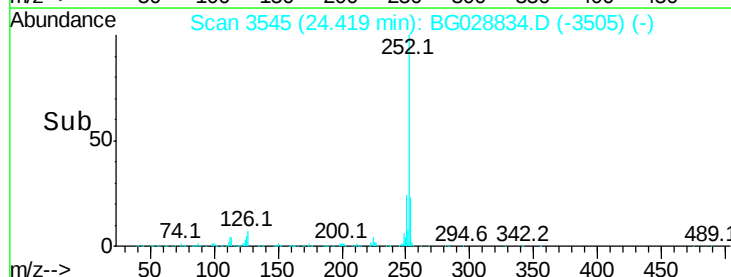
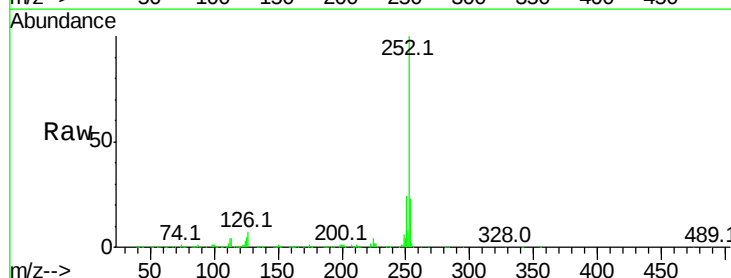
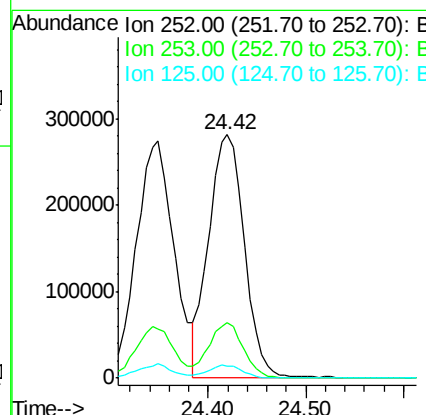
RT: 24.42 min Scan# 3545

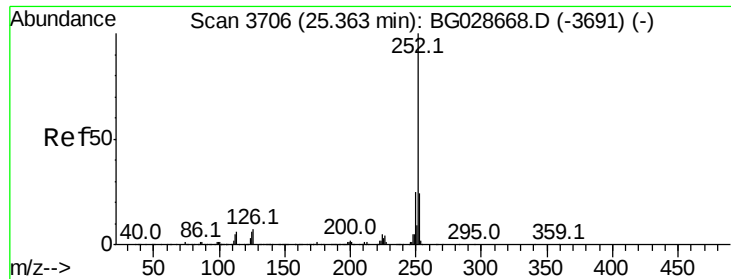
Delta R.T. -0.06 min

Lab File: BG028834.D

Acq: 20 Sep 2017 16:35

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:252 | Resp: | 708812 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.9    | 20.2  | 30.2   |
| 125 5.2     | 5.1   | 7.7    |





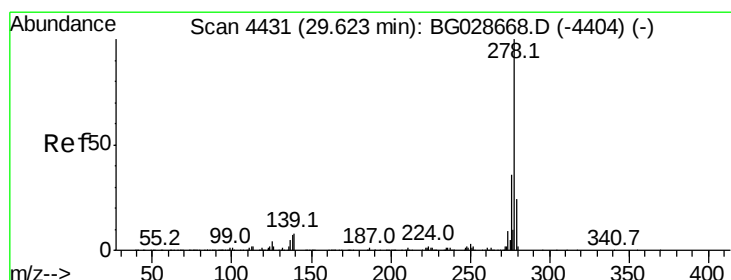
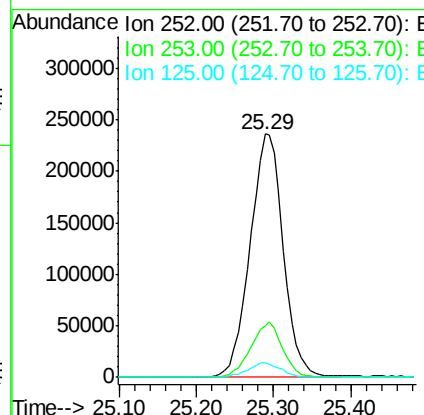
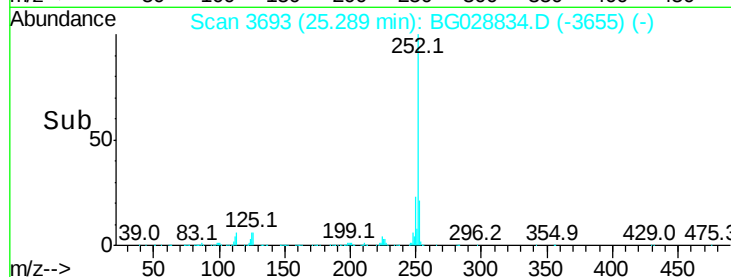
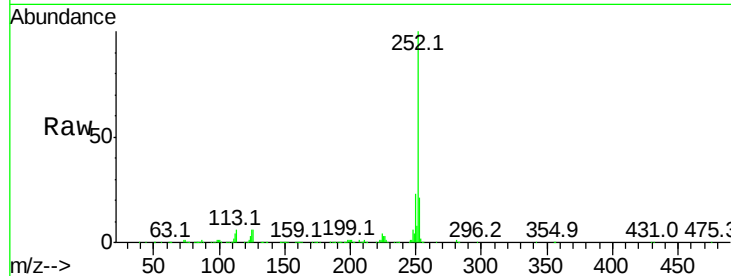
#89  
Benzo(a)pyrene  
Concen: 43.207 ng  
RT: 25.29 min Scan# 3693  
Delta R.T. -0.07 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB102477BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 19.2  | 28.8  |
| 125     | 5.9   | 5.4   | 8.0   |

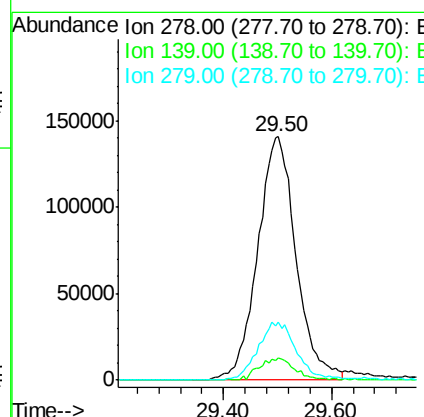
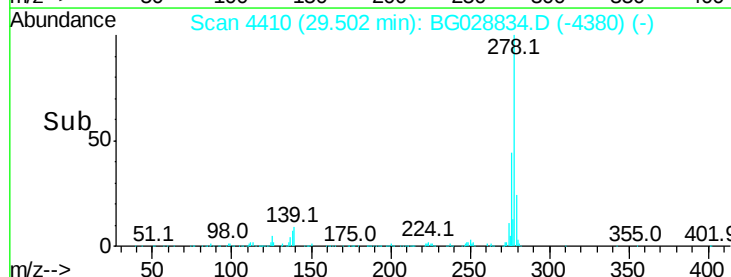
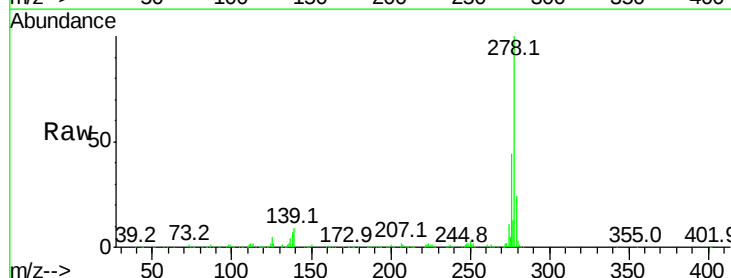
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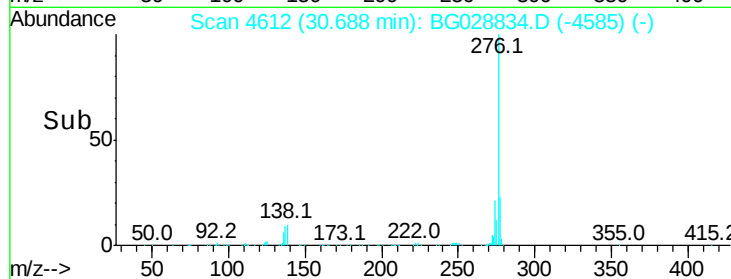
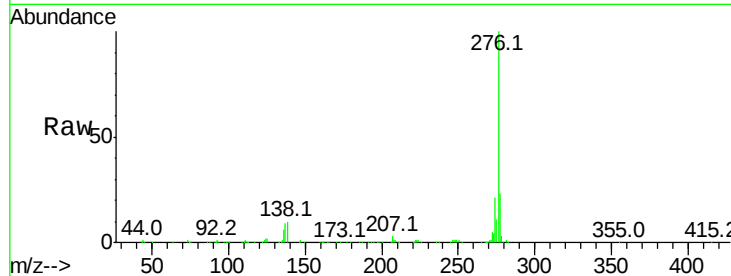
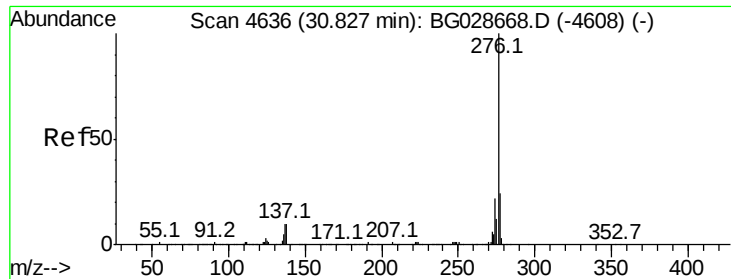
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.446 ng  
RT: 29.50 min Scan# 4410  
Delta R.T. -0.12 min  
Lab File: BG028834.D  
Acq: 20 Sep 2017 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.1   | 7.7   | 11.5  |
| 279     | 23.8  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.023 ng  
 RT: 30.69 min Scan# 4612  
 Delta R.T. -0.14 min  
 Lab File: BG028834.D  
 Acq: 20 Sep 2017 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 684613 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.6  | 18.6  | 27.8   |
| 138       | 10.4  | 8.1   | 12.1   |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102477BS

Manual Integrations  
 APPROVED

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