

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG091517\  
 Data File : BG028768.D  
 Acq On : 15 Sep 2017 15:23  
 Operator : SJ/JU  
 Sample : PB102295BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

Manual Integrations  
 APPROVED

Sohil  
 9/18/2017 3:31:37 PM

Quant Time: Sep 16 05:22:32 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  | 26505    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 11.11 | 136  | 115229   | 20.00 | ng    | -0.04    |
| 38) Acenaphthene-d10      | 14.90 | 164  | 90485    | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10      | 17.66 | 188  | 268126   | 20.00 | ng    | -0.04    |
| 75) Chrysene-d12          | 21.98 | 240  | 315462   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 25.44 | 264  | 316357   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.86  | 112 | 223660  | 139.24 | ng | -0.05 |
| 7) Phenol-d6             | 7.45  | 99  | 306933  | 126.91 | ng | -0.04 |
| 23) Nitrobenzene-d5      | 9.46  | 82  | 186872  | 77.58  | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 16.40 | 330 | 223467  | 149.32 | ng | -0.04 |
| 44) 2-Fluorobiphenyl     | 13.52 | 172 | 530801  | 78.22  | ng | -0.04 |
| 78) Terphenyl-d14        | 20.24 | 244 | 1108208 | 74.92  | ng | -0.04 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.78  | 88  | 21106  | 32.446 | ng | 95     |
| 3) Pyridine                    | 4.17  | 79  | 63463  | 34.201 | ng | # 90   |
| 4) n-Nitrosodimethylamine      | 4.09  | 42  | 29829  | 35.339 | ng | # 67   |
| 6) Aniline                     | 7.61  | 93  | 85904  | 30.520 | ng | 96     |
| 8) 2-Chlorophenol              | 7.85  | 128 | 74572  | 41.645 | ng | 96     |
| 9) Benzaldehyde                | 7.43  | 77  | 40205  | 26.795 | ng | 95     |
| 10) Phenol                     | 7.47  | 94  | 109566 | 42.927 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.69  | 93  | 64451  | 35.171 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.18  | 146 | 73001  | 37.860 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.32  | 146 | 75813  | 38.237 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.65  | 146 | 73568  | 37.557 | ng | 93     |
| 15) Benzyl Alcohol             | 8.52  | 79  | 77767  | 41.191 | ng | # 91   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.81  | 45  | 115822 | 34.777 | ng | 99     |
| 17) 2-Methylphenol             | 8.72  | 107 | 70581  | 42.318 | ng | 91     |
| 18) Hexachloroethane           | 9.38  | 117 | 27629  | 38.020 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 9.09  | 70  | 61723  | 36.002 | ng | 90     |
| 20) 3+4-Methylphenols          | 9.05  | 107 | 97374  | 41.740 | ng | 94     |
| 22) Acetophenone               | 9.11  | 105 | 116774 | 34.659 | ng | # 89   |
| 24) Nitrobenzene               | 9.50  | 77  | 96325  | 36.113 | ng | # 90   |
| 25) Isophorone                 | 10.02 | 82  | 178804 | 36.686 | ng | 99     |
| 26) 2-Nitrophenol              | 10.22 | 139 | 41898  | 36.908 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.26 | 122 | 83061  | 40.029 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.49 | 93  | 100640 | 38.024 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.76 | 162 | 90180  | 43.679 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.97 | 180 | 85855  | 36.452 | ng | 92     |
| 31) Naphthalene                | 11.16 | 128 | 229249 | 38.092 | ng | 97     |
| 32) Benzoic acid               | 10.40 | 122 | 46959  | 33.911 | ng | # 91   |
| 33) 4-Chloroaniline            | 11.27 | 127 | 48037  | 19.054 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.43 | 225 | 61265  | 35.316 | ng | 97     |
| 35) Caprolactam                | 12.04 | 113 | 36311m | 49.045 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 112229 | 41.769 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.74 | 142 | 186676 | 41.546 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.11 | 216 | 121764 | 32.728 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.08 | 237 | 112674 | 78.152 | ng | 94     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG091517\  
 Data File : BG028768.D  
 Acq On : 15 Sep 2017 15:23  
 Operator : SJ/JU  
 Sample : PB102295BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB102295BS

Manual Integrations  
 APPROVED

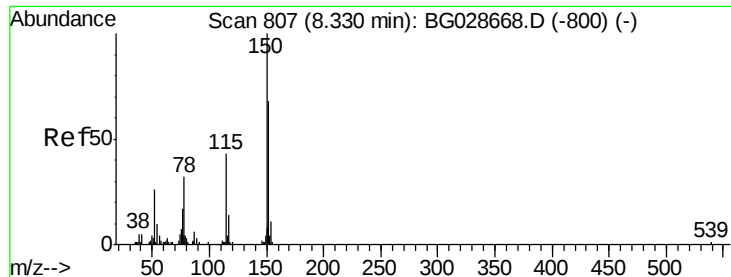
Sohil  
 9/18/2017 3:31:37 PM

Quant Time: Sep 16 05:22:32 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  | 89243    | 37.794 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.42 | 196  | 98602    | 41.556 | ng    | 92       |
| 45) 1,1'-Biphenyl              | 13.73 | 154  | 262802   | 35.079 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.79 | 162  | 204039   | 37.340 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.99 | 65   | 85857    | 42.277 | ng    | 90       |
| 48) Acenaphthylene             | 14.63 | 152  | 343495   | 39.346 | ng    | 96       |
| 49) Dimethylphthalate          | 14.35 | 163  | 313484   | 41.315 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.48 | 165  | 71434    | 42.310 | ng    | 85       |
| 51) Acenaphthene               | 14.97 | 154  | 208209   | 39.261 | ng    | 91       |
| 52) 3-Nitroaniline             | 14.82 | 138  | 45727    | 30.627 | ng #  | 85       |
| 53) 2,4-Dinitrophenol          | 15.03 | 184  | 67854    | 76.645 | ng    | 94       |
| 54) Dibenzofuran               | 15.30 | 168  | 367714   | 43.480 | ng    | 95       |
| 55) 4-Nitrophenol              | 15.13 | 139  | 102855   | 94.028 | ng #  | 72       |
| 56) 2,4-Dinitrotoluene         | 15.27 | 165  | 111583   | 47.003 | ng #  | 83       |
| 57) Fluorene                   | 15.95 | 166  | 319953   | 42.377 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.53 | 232  | 108427   | 51.849 | ng #  | 91       |
| 59) Diethylphthalate           | 15.70 | 149  | 340747   | 43.700 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.93 | 204  | 181135   | 42.132 | ng    | 88       |
| 61) 4-Nitroaniline             | 15.98 | 138  | 72222    | 45.660 | ng    | 91       |
| 62) Azobenzene                 | 16.23 | 77   | 305251   | 46.547 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.04 | 198  | 61980    | 35.824 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 16.15 | 169  | 291423   | 37.915 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.83 | 248  | 132066   | 38.279 | ng    | 96       |
| 67) Hexachlorobenzene          | 16.96 | 284  | 140218   | 35.709 | ng #  | 89       |
| 68) Atrazine                   | 17.10 | 200  | 133456   | 40.438 | ng    | 98       |
| 69) Pentachlorophenol          | 17.31 | 266  | 143496   | 80.881 | ng    | 96       |
| 70) Phenanthrene               | 17.70 | 178  | 573270   | 41.810 | ng    | 94       |
| 71) Anthracene                 | 17.79 | 178  | 582558   | 42.059 | ng    | 96       |
| 72) Carbazole                  | 18.06 | 167  | 509272   | 40.825 | ng #  | 93       |
| 73) Di-n-butylphthalate        | 18.59 | 149  | 616823   | 40.326 | ng #  | 93       |
| 74) Fluoranthene               | 19.70 | 202  | 710339   | 42.429 | ng    | 94       |
| 76) Benzidine                  | 19.87 | 184  | 255279   | 31.205 | ng    | 98       |
| 77) Pyrene                     | 20.06 | 202  | 738176   | 40.568 | ng    | 95       |
| 79) Butylbenzylphthalate       | 20.93 | 149  | 275950   | 37.551 | ng    | 88       |
| 80) Benzo(a)anthracene         | 21.96 | 228  | 771896   | 40.650 | ng    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.86 | 252  | 188255   | 24.453 | ng    | 98       |
| 82) Chrysene                   | 22.03 | 228  | 714204   | 39.640 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 21.81 | 149  | 392250   | 37.545 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 23.10 | 149  | 676064   | 37.037 | ng #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.43 | 276  | 904883   | 39.089 | ng #  | 99       |
| 87) Benzo(b)fluoranthene       | 24.33 | 252  | 796058   | 42.000 | ng #  | 99       |
| 88) Benzo(k)fluoranthene       | 24.41 | 252  | 753606   | 39.805 | ng    | 95       |
| 89) Benzo(a)pyrene             | 25.29 | 252  | 755796   | 42.010 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.49 | 278  | 768608   | 40.978 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.69 | 276  | 748565   | 40.903 | ng    | 98       |

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





#1

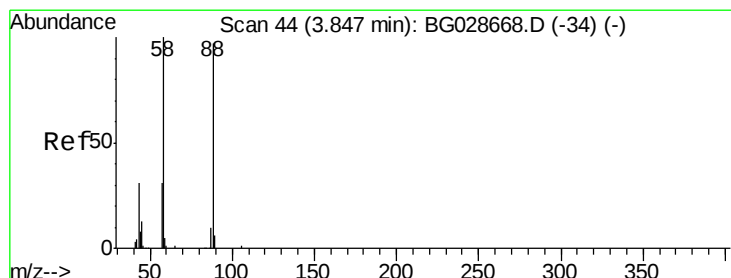
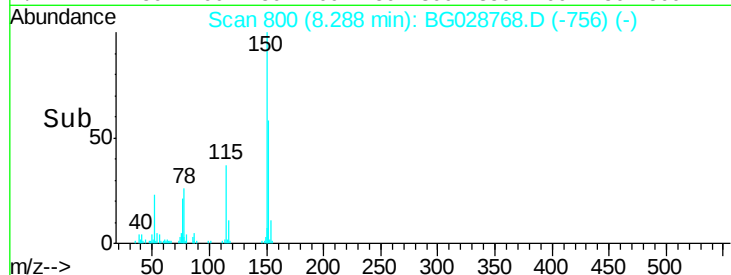
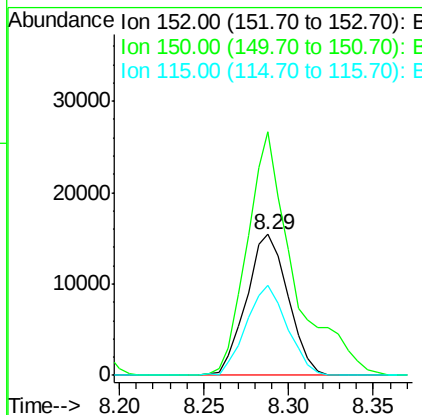
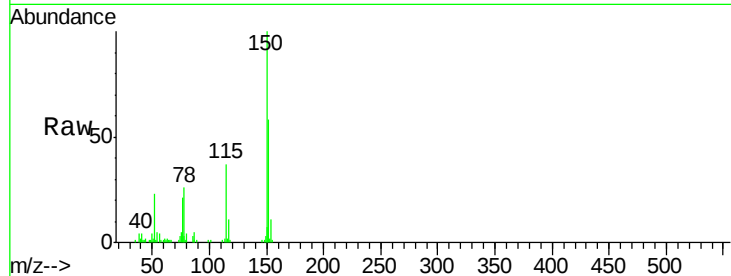
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.29 min Scan# 800  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 173.0 | 114.0 | 171.0# |
| 115     | 64.2  | 48.1  | 72.1   |

Manual Integrations  
APPROVED

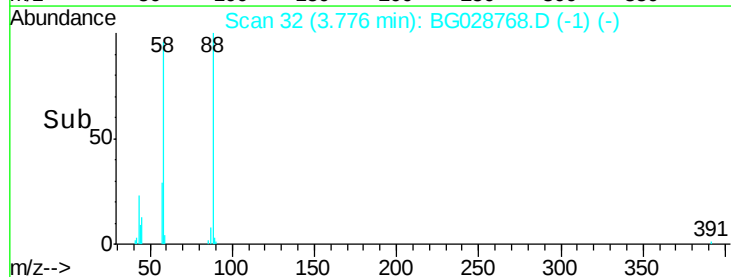
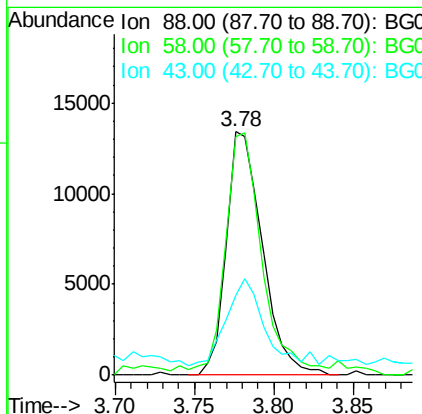
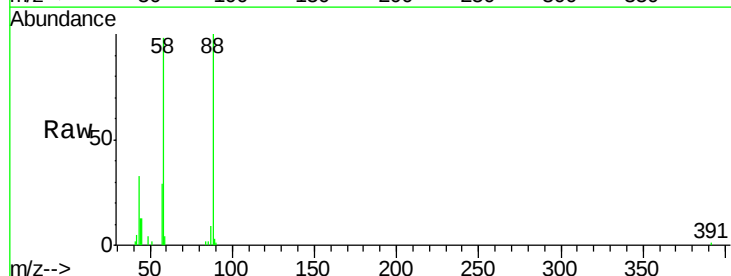
Sohil  
9/18/2017 3:31:37 PM

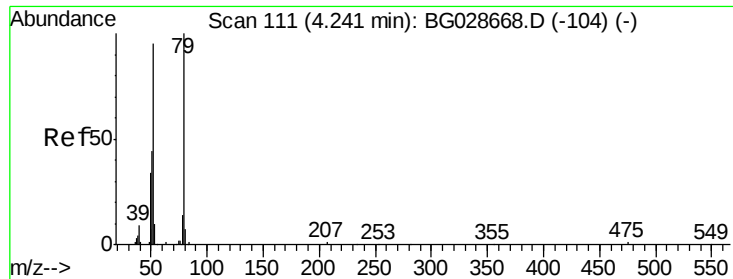


#2

1,4-Dioxane  
Concen: 32.446 ng  
RT: 3.78 min Scan# 32  
Delta R.T. -0.07 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.8  | 79.4  | 119.2 |
| 43      | 35.9  | 33.8  | 50.6  |





#3

Pyridine

Concen: 34.201 ng

RT: 4.17 min Scan# 99

Delta R.T. -0.07 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

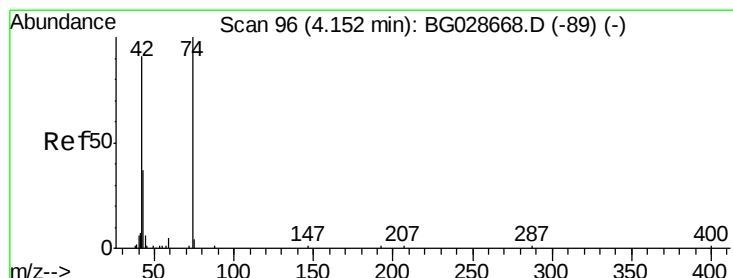
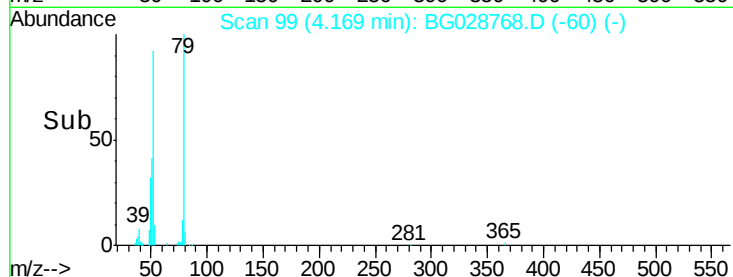
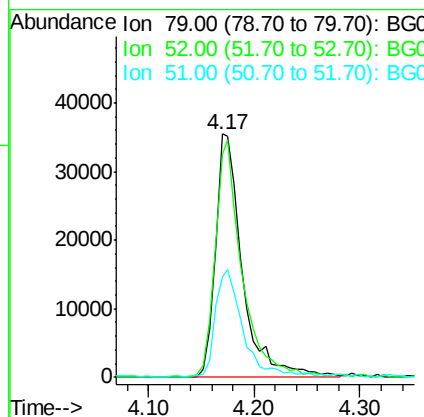
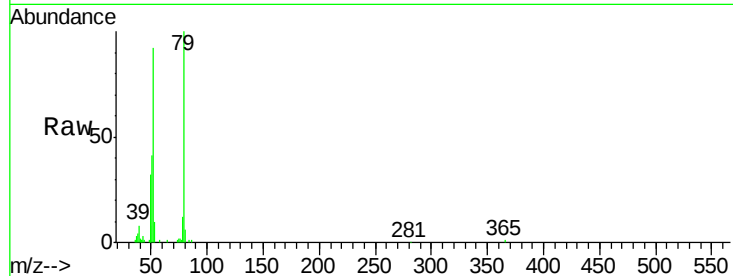
ClientSampleId :

PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 91.8  | 77.8  | 116.6 |
| 51      | 41.2  | 43.2  | 64.8  |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#4

n-Nitrosodimethylamine

Concen: 35.339 ng

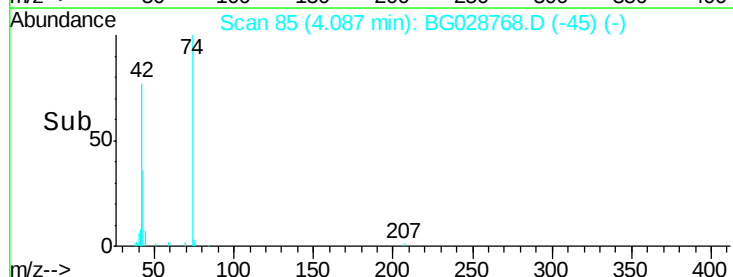
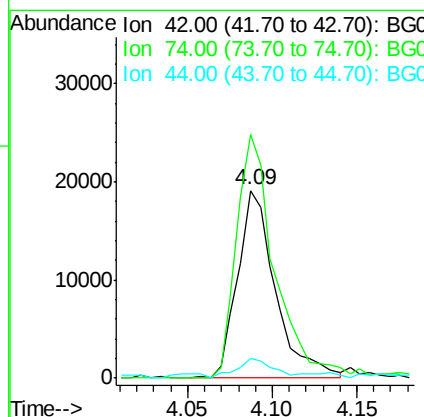
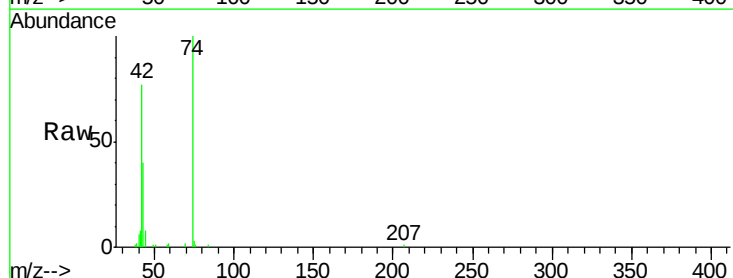
RT: 4.09 min Scan# 85

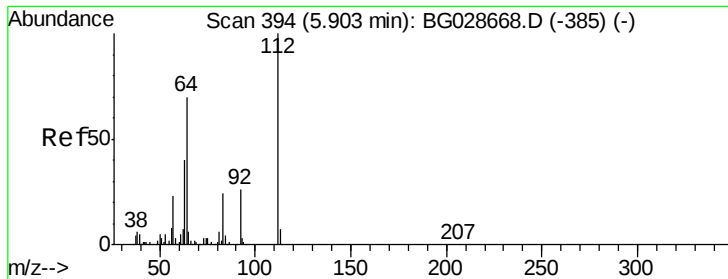
Delta R.T. -0.07 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 130.0 | 76.7  | 115.1 |
| 44      | 10.4  | 6.1   | 9.1   |





#5

2-Fluorophenol

Concen: 139.238 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

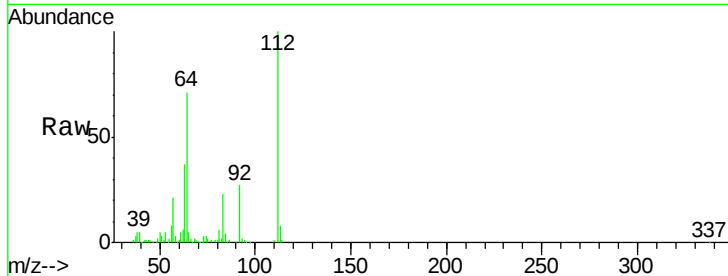
ClientSampleId :

PB102295BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 223660 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.8  | 61.8  | 92.6   |
| 63        | 36.8  | 37.2  | 55.8#  |

Manual Integrations  
APPROVED

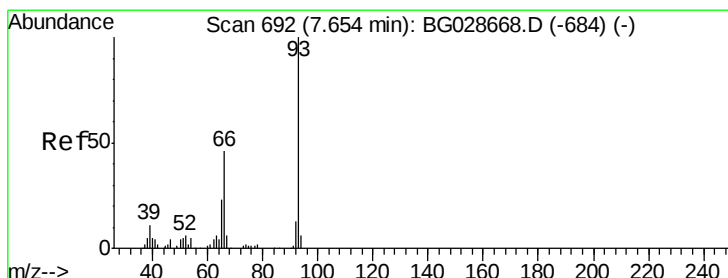
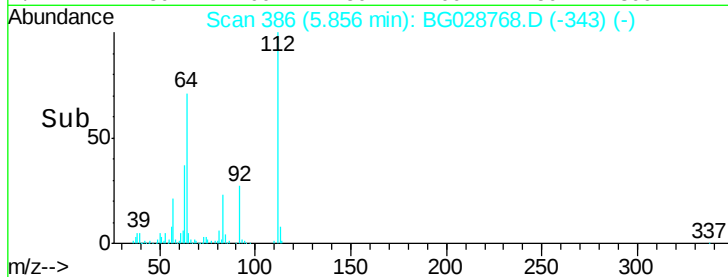
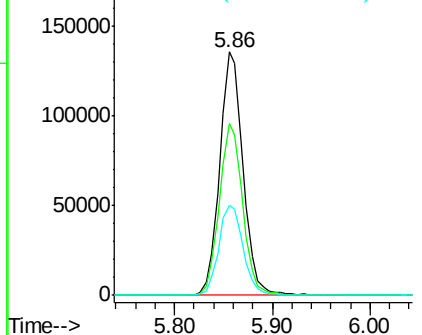
Sohil  
9/18/2017 3:31:37 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.520 ng

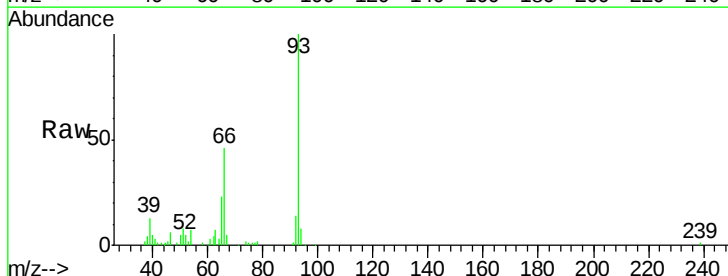
RT: 7.61 min Scan# 685

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

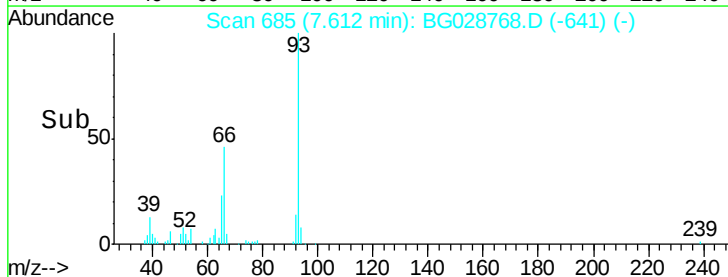
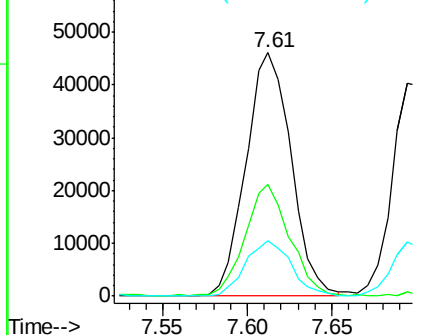
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 85904 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 45.9  | 35.4  | 53.2  |
| 65        | 23.0  | 21.2  | 31.8  |

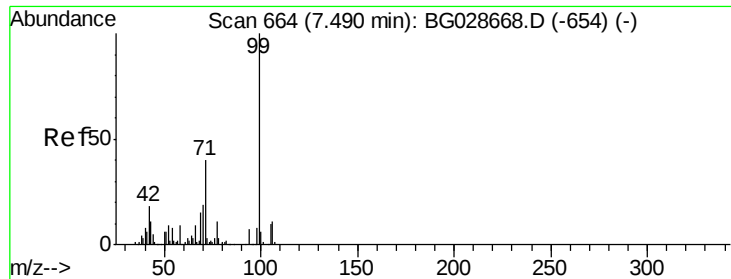


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.910 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

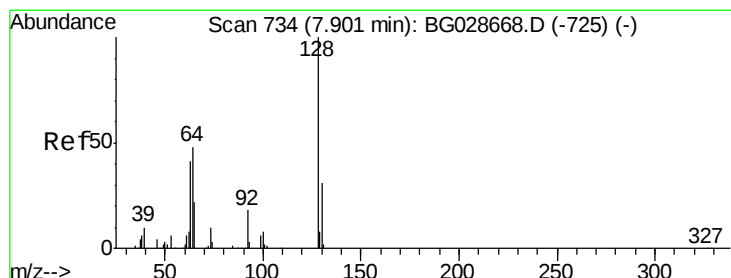
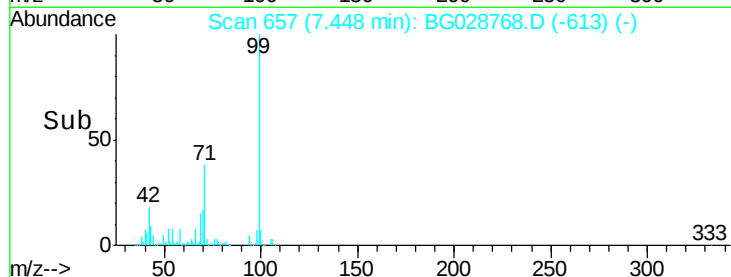
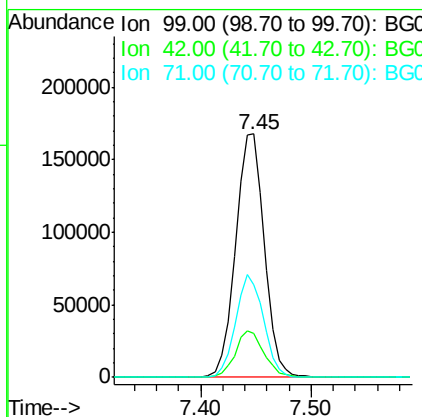
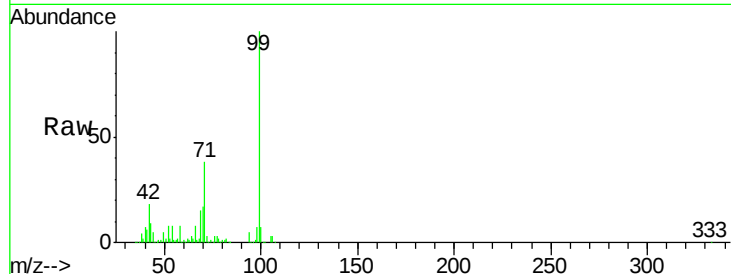
ClientSampleId :

PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 306933 |       |       |
| 42      | 18.1  | 20.5   | 30.7# |       |
| 71      | 38.2  | 37.6   | 56.4  |       |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#8

2-Chlorophenol

Concen: 41.645 ng

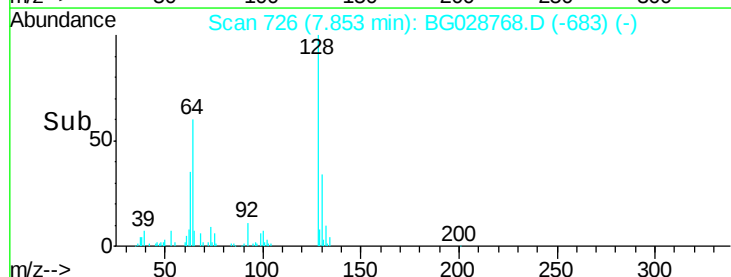
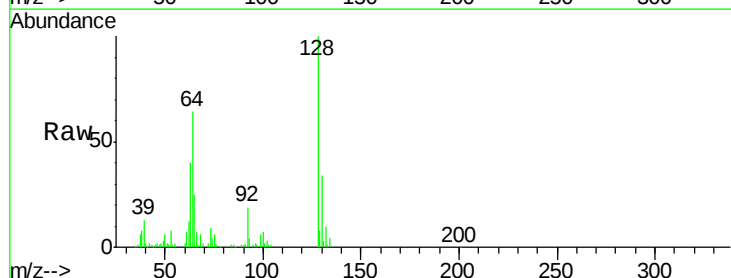
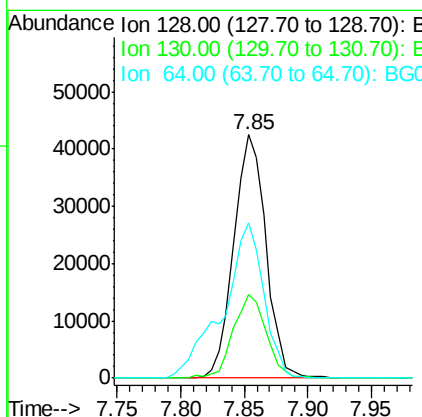
RT: 7.85 min Scan# 726

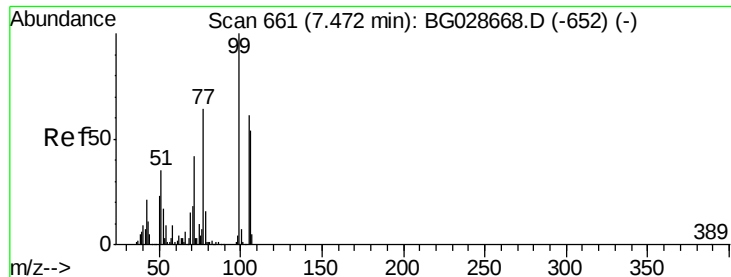
Delta R.T. -0.05 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 74572 |       |       |
| 130     | 34.2  | 11.4  | 51.4  |       |
| 64      | 63.5  | 46.6  | 86.6  |       |





#9

Benzaldehyde

Concen: 26.795 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

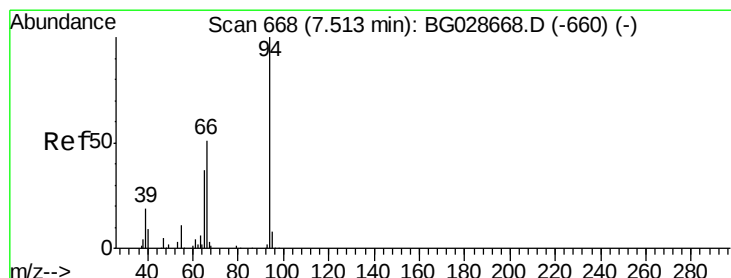
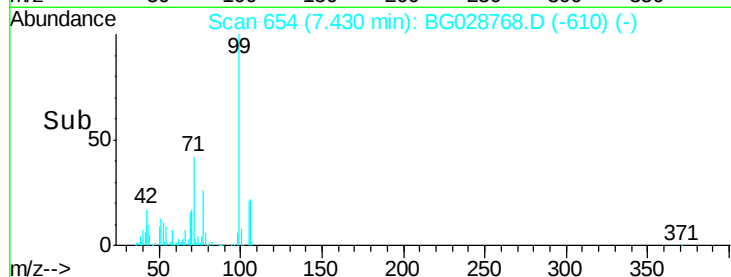
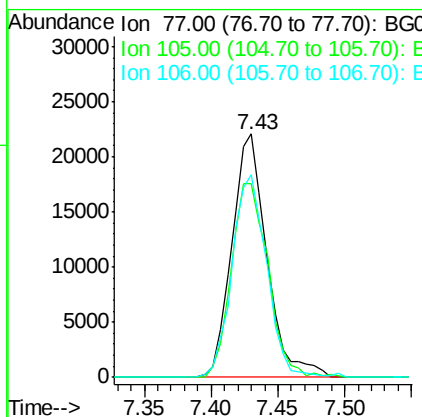
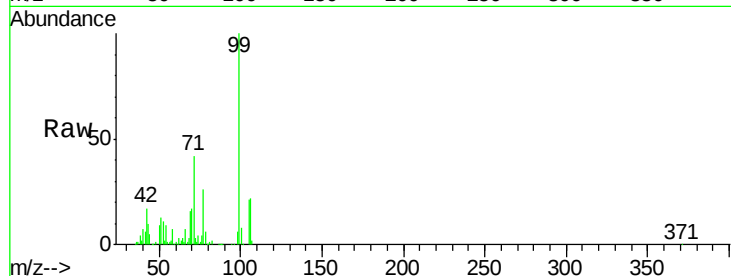
ClientSampleId :

PB102295BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 40205 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 79.6  | 60.9  | 100.9 |
| 106       | 83.0  | 55.1  | 95.1  |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#10

Phenol

Concen: 42.927 ng

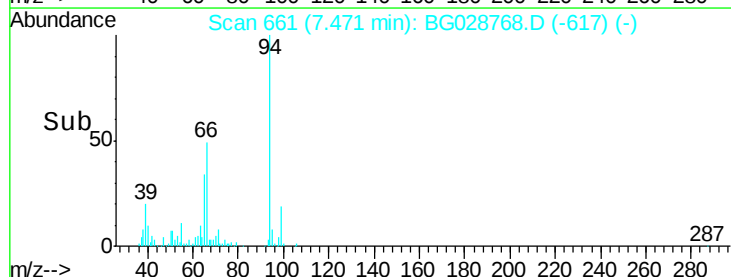
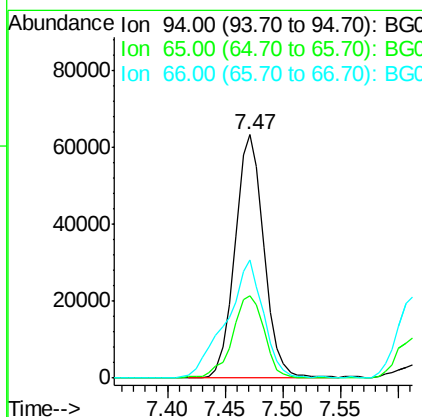
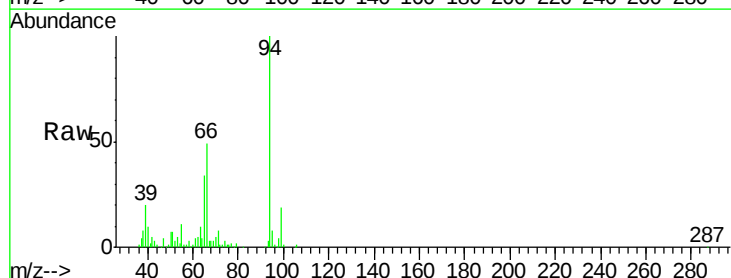
RT: 7.47 min Scan# 661

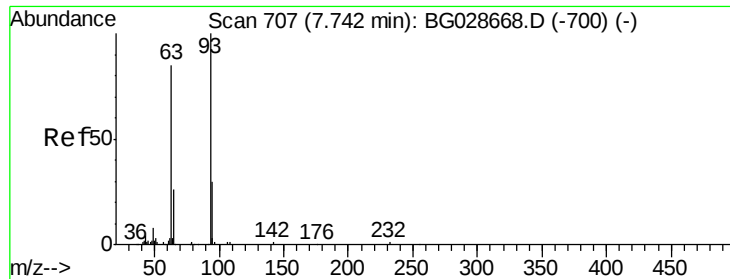
Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 109566 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.6  | 20.6  | 60.6   |
| 66        | 48.8  | 35.5  | 75.5   |





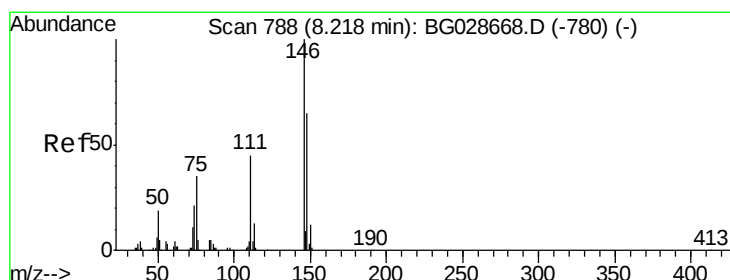
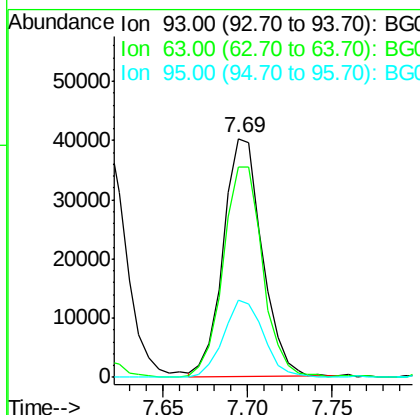
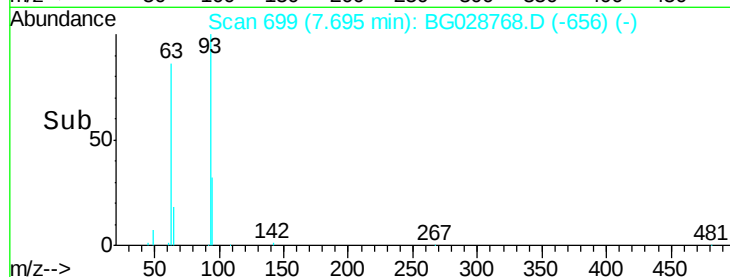
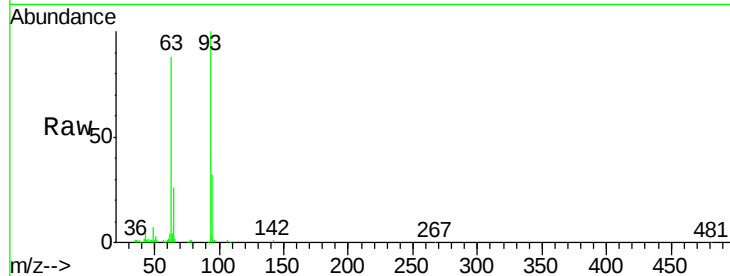
#11  
bis(2-Chloroethyl)ether  
Concen: 35.171 ng  
RT: 7.69 min Scan# 699  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampled :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.9  | 78.5  | 118.5 |
| 95      | 32.2  | 9.8   | 49.8  |

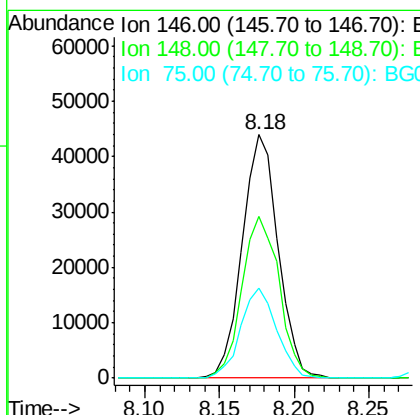
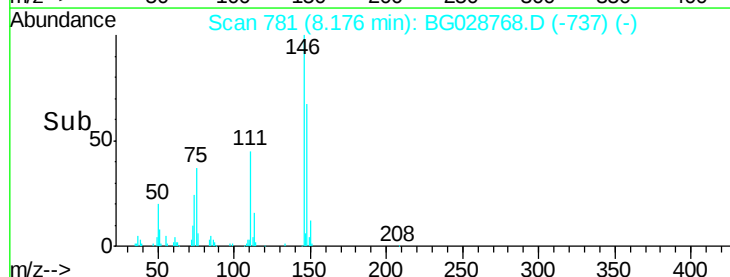
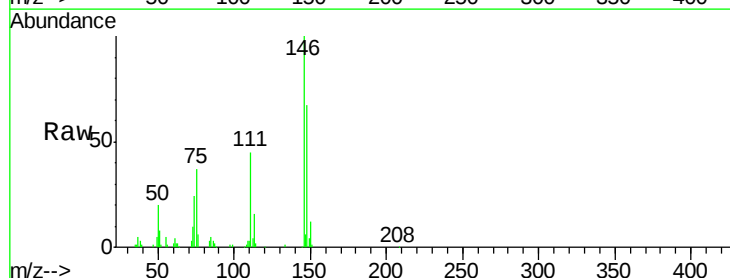
Manual Integrations  
APPROVED

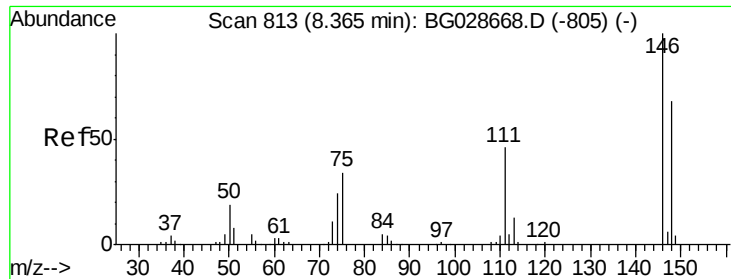
Sohil  
9/18/2017 3:31:37 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.860 ng  
RT: 8.18 min Scan# 781  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.7  | 49.2  | 73.8  |
| 75      | 37.1  | 33.4  | 50.2  |





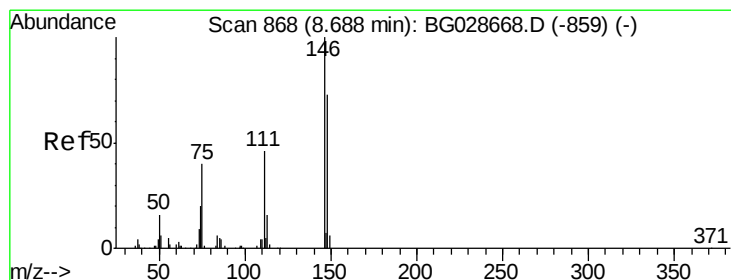
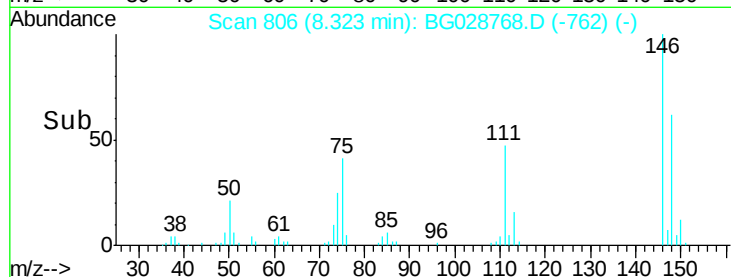
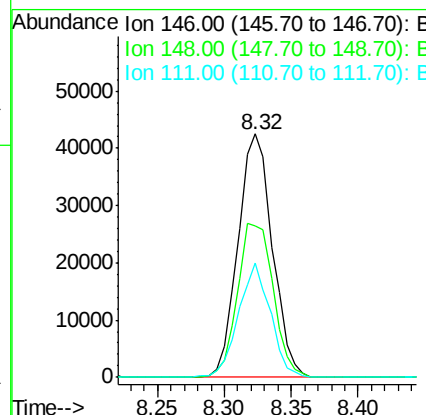
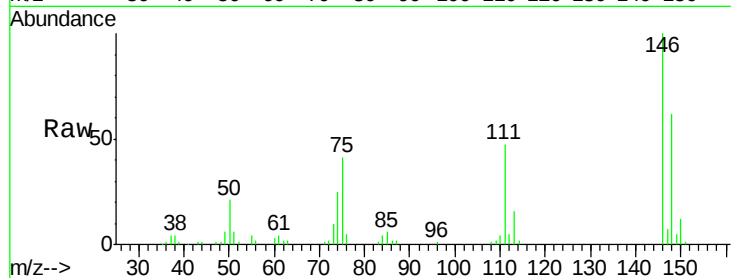
#13  
 1,4-Dichlorobenzene  
 Concen: 38.237 ng  
 RT: 8.32 min Scan# 806  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 52.2  | 78.2  |
| 111     | 47.0  | 37.0  | 55.6  |

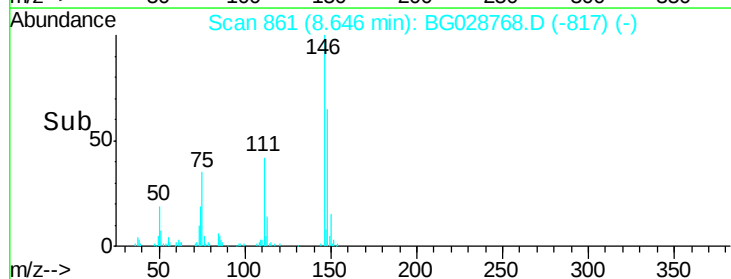
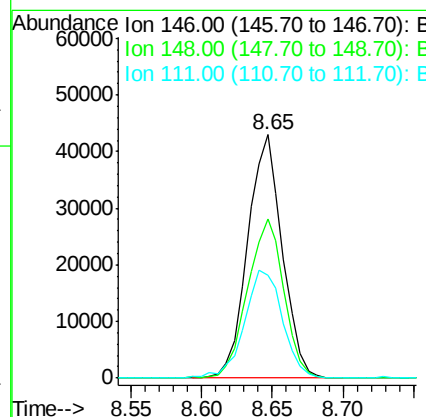
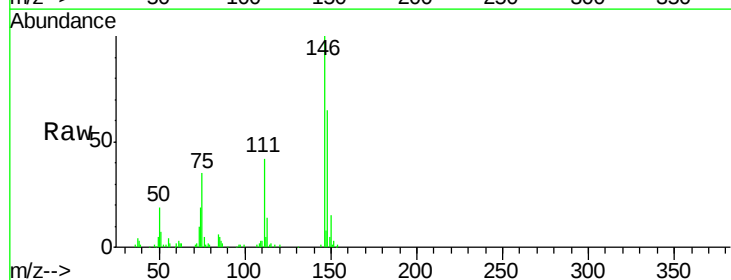
Manual Integrations  
 APPROVED

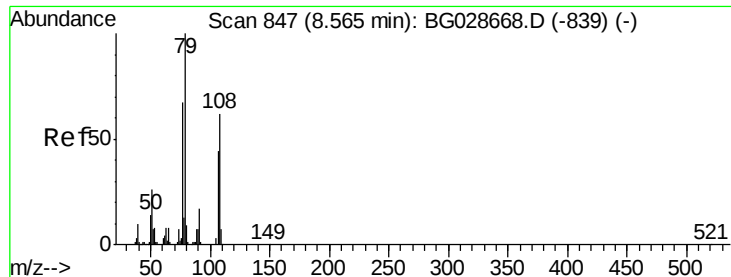
Sohil  
 9/18/2017 3:31:37 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 37.557 ng  
 RT: 8.65 min Scan# 861  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 54.6  | 81.8  |
| 111     | 42.0  | 39.7  | 59.5  |





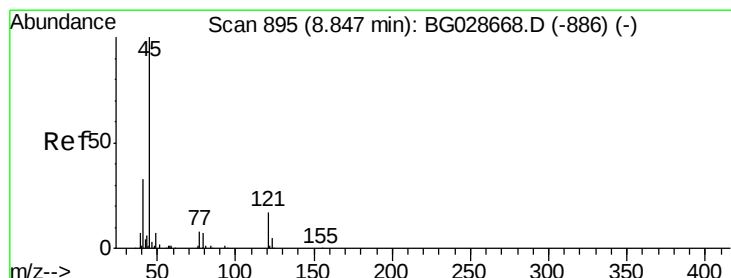
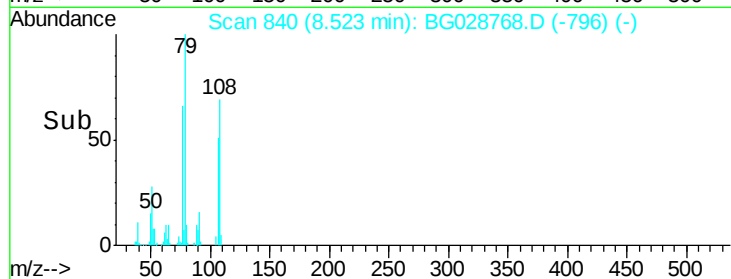
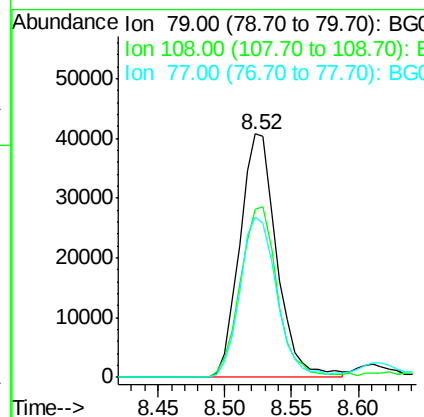
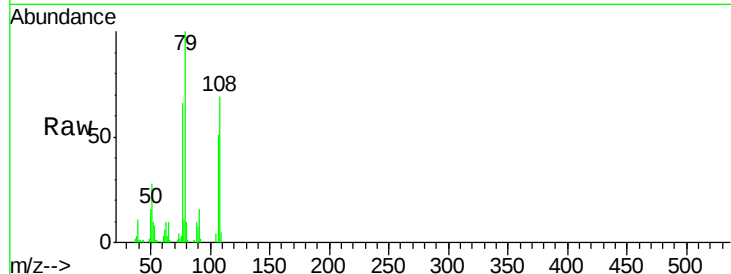
#15  
Benzyl Alcohol  
Concen: 41.191 ng  
RT: 8.52 min Scan# 840  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampled :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.1  | 45.5  | 68.3# |
| 77      | 66.1  | 54.3  | 81.5  |

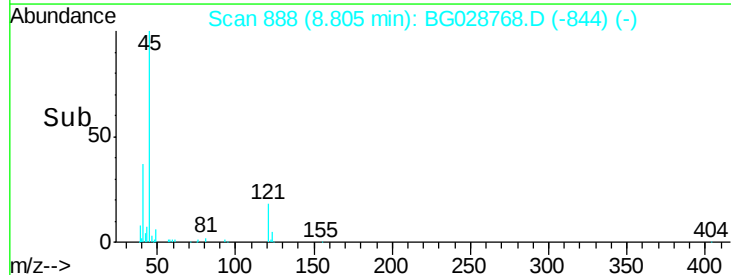
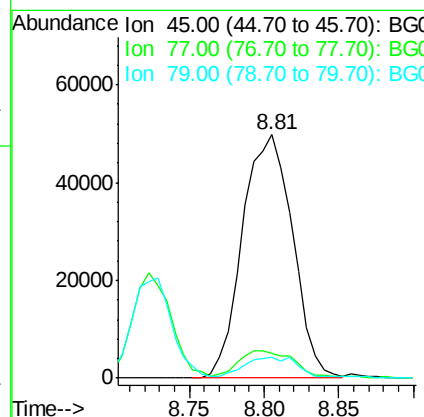
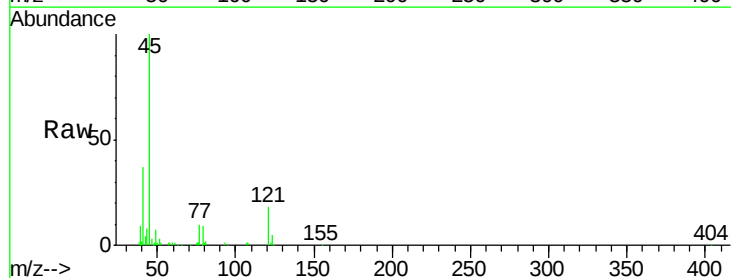
Manual Integrations  
APPROVED

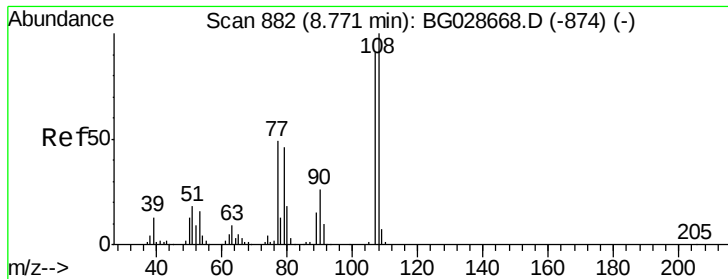
Sohil  
9/18/2017 3:31:37 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.777 ng  
RT: 8.81 min Scan# 888  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 9.9   | 0.0   | 30.6  |
| 79      | 8.7   | 0.0   | 28.5  |





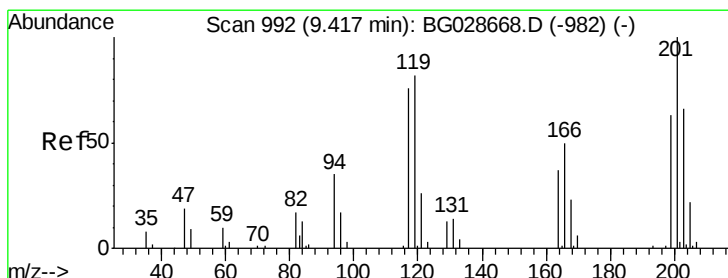
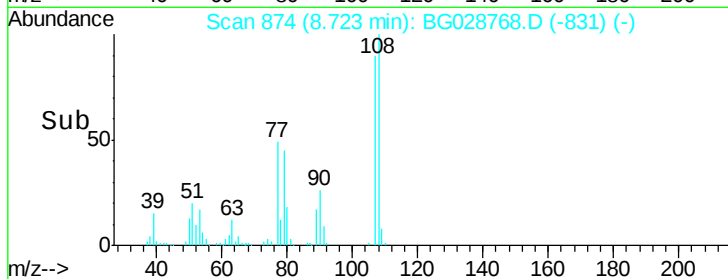
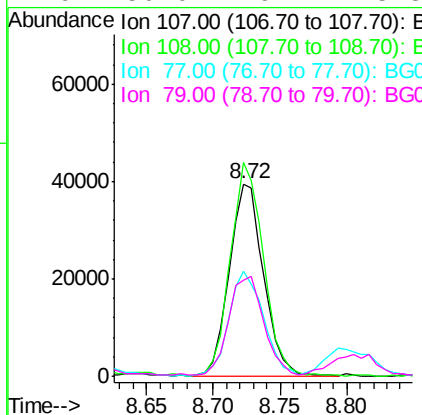
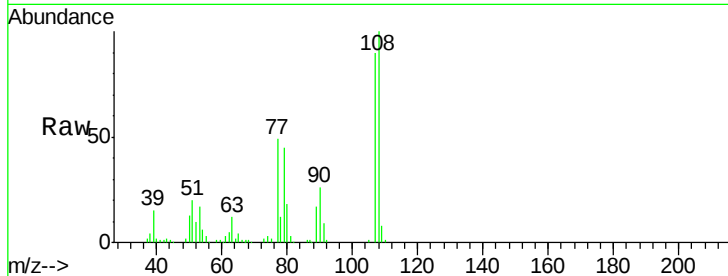
#17  
2-Methylphenol  
Concen: 42.318 ng  
RT: 8.72 min Scan# 874  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 70581 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 111.0 | 85.6  | 128.4 |
| 77        | 54.6  | 51.4  | 77.2  |
| 79        | 50.0  | 49.2  | 73.8  |

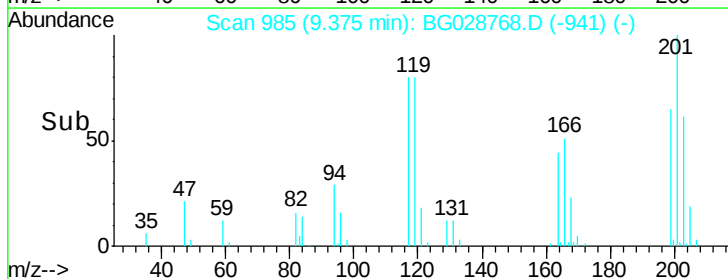
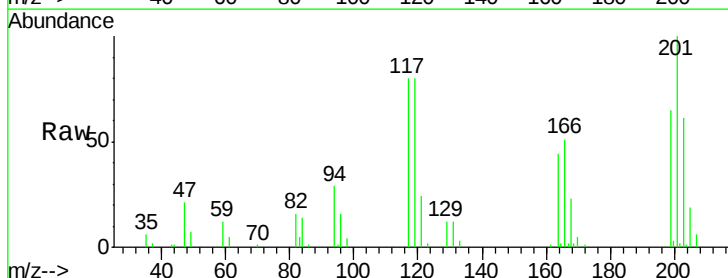
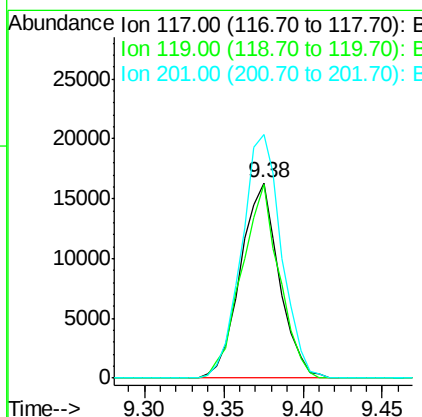
Manual Integrations  
APPROVED

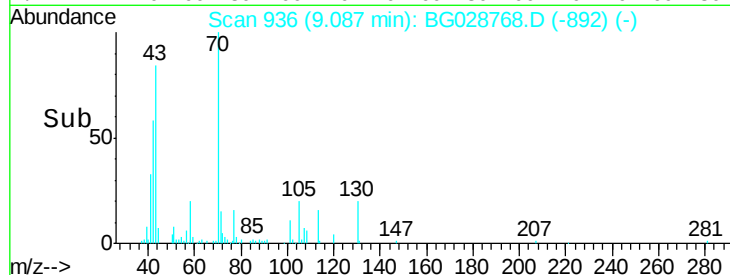
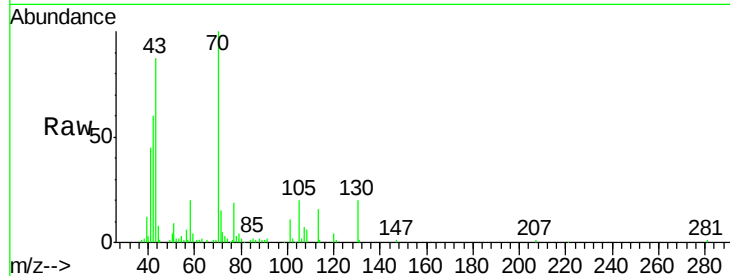
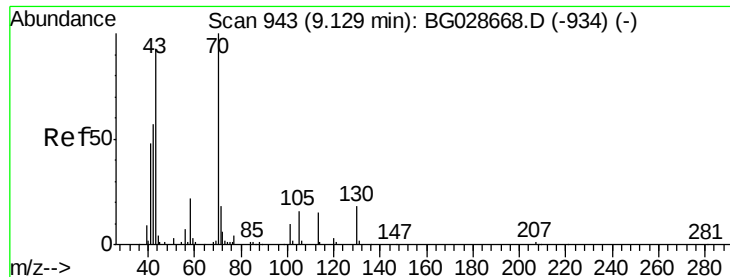
Sohil  
9/18/2017 3:31:37 PM



#18  
Hexachloroethane  
Concen: 38.020 ng  
RT: 9.38 min Scan# 985  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 27629 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.4  | 69.8  | 104.6 |
| 201       | 124.6 | 95.4  | 143.0 |





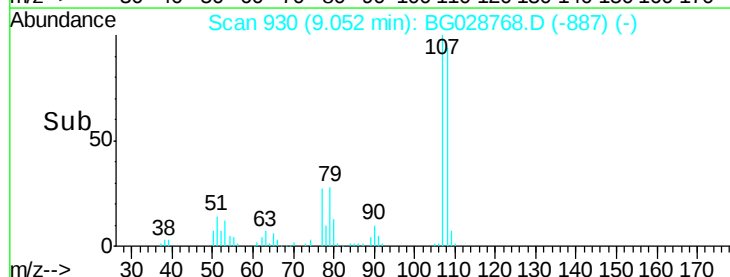
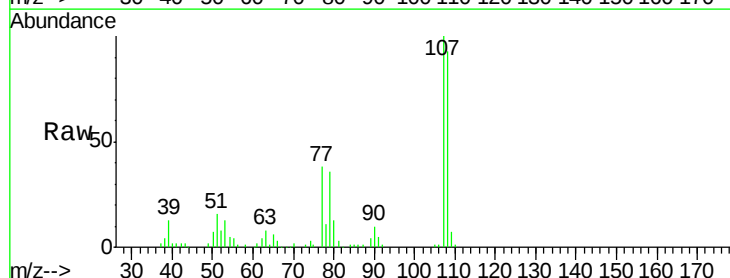
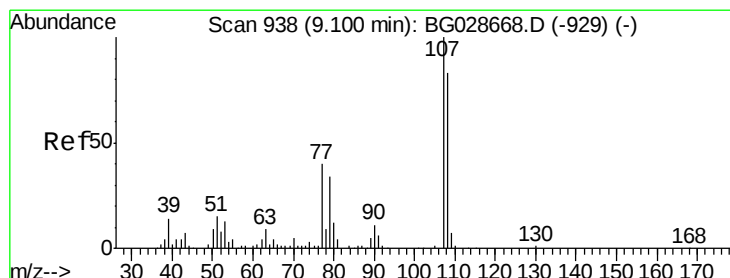
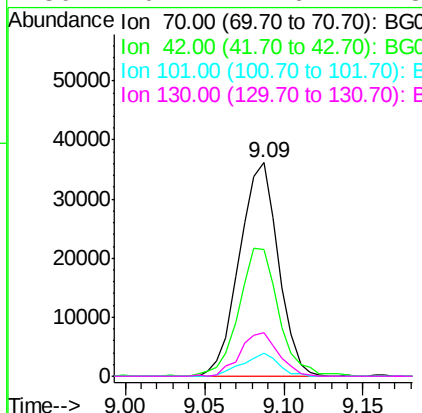
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.002 ng  
RT: 9.09 min Scan# 936  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 59.6  | 56.1  | 84.1  |
| 101     | 10.6  | 7.5   | 11.3  |
| 130     | 20.2  | 14.6  | 21.8  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

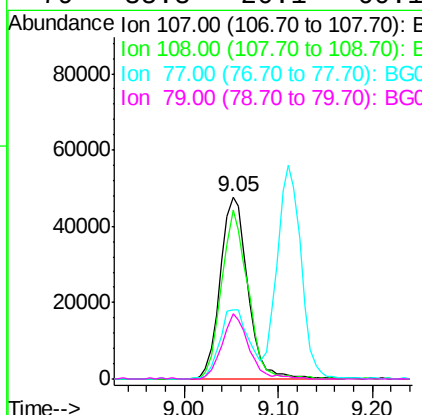
Manual Integrations  
APPROVED

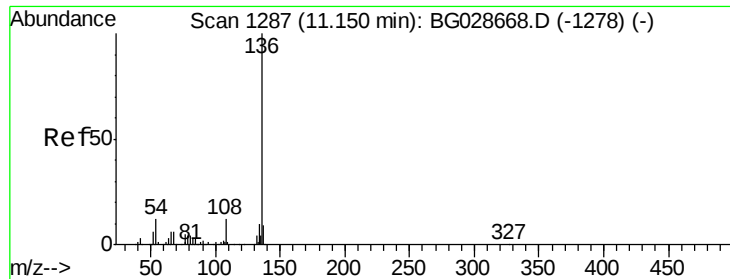
Sohil  
9/18/2017 3:31:37 PM



#20  
3+4-Methylphenols  
Concen: 41.740 ng  
RT: 9.05 min Scan# 930  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 92.8  | 70.8  | 110.8 |
| 77      | 38.3  | 25.8  | 65.8  |
| 79      | 35.8  | 20.1  | 60.1  |





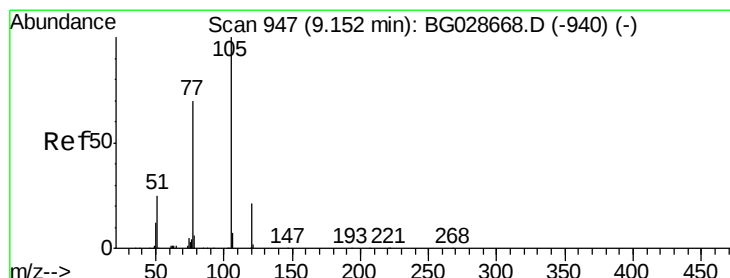
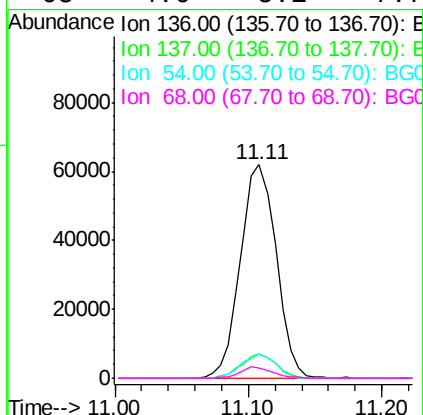
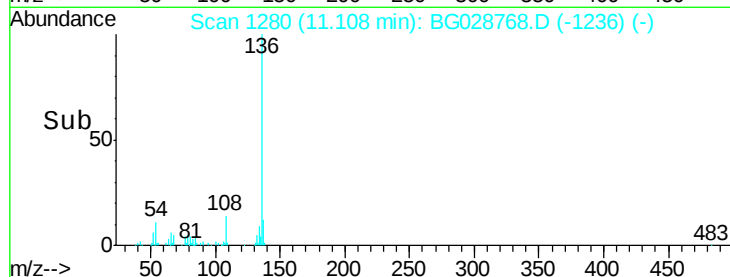
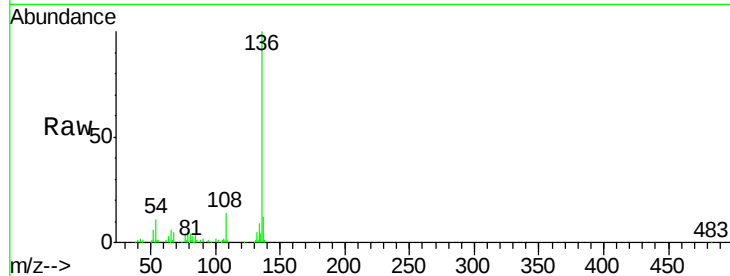
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.11 min Scan# 1280  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 115229 |       |       |
| 137     | 11.6  | 8.9    | 13.3  |       |
| 54      | 11.5  | 9.3    | 13.9  |       |
| 68      | 4.6   | 5.1    | 7.7#  |       |

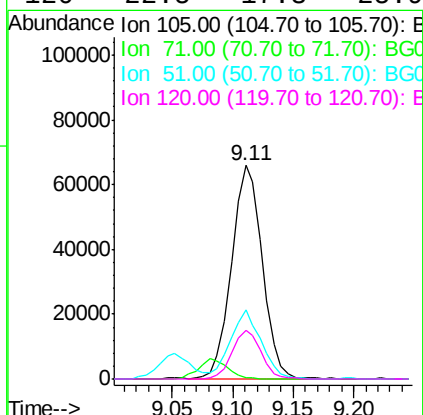
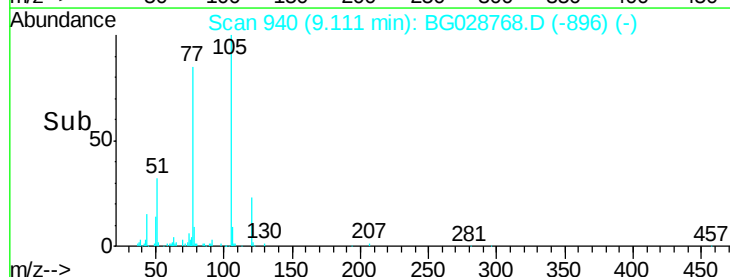
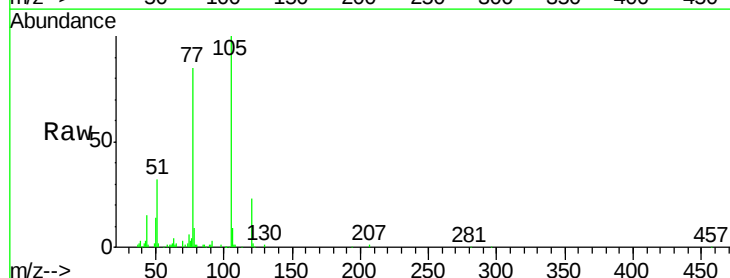
Manual Integrations  
APPROVED

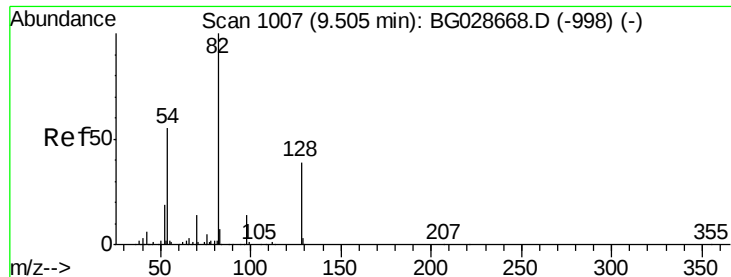
Sohil  
9/18/2017 3:31:37 PM



#22  
Acetophenone  
Concen: 34.659 ng  
RT: 9.11 min Scan# 940  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 116774 |       |       |
| 71      | 0.5   | 0.9    | 1.3#  |       |
| 51      | 32.1  | 34.0   | 51.0# |       |
| 120     | 22.5  | 17.3   | 25.9  |       |





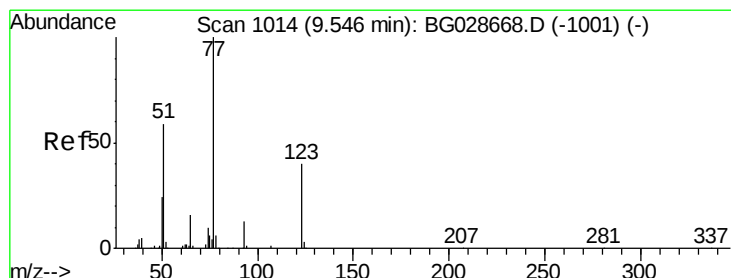
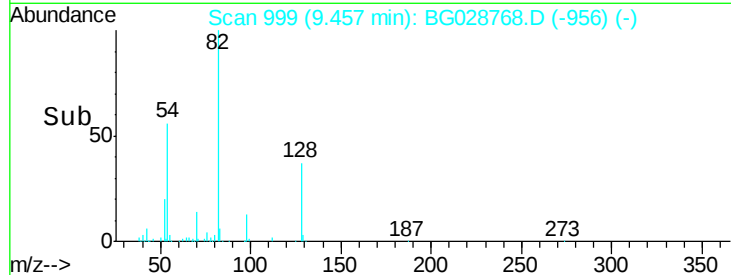
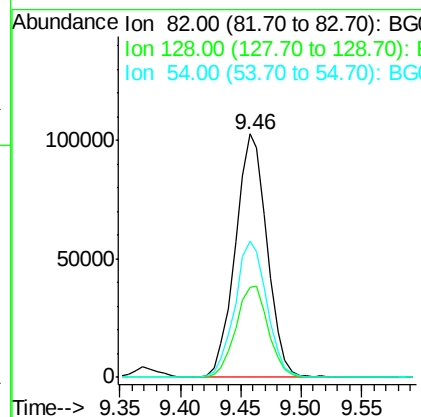
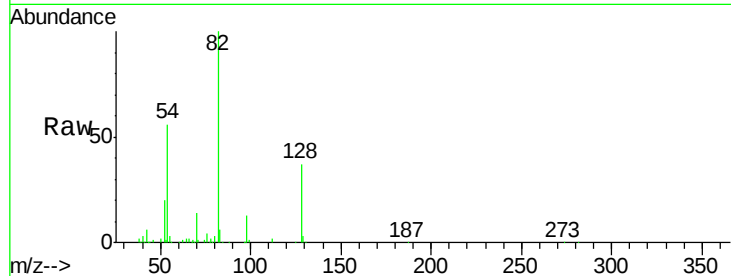
#23  
 Nitrobenzene-d5  
 Concen: 77.580 ng  
 RT: 9.46 min Scan# 999  
 Delta R.T. -0.05 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 186872 |       |       |
| 128     | 36.8  | 26.4   | 39.6  |       |
| 54      | 55.7  | 49.4   | 74.2  |       |

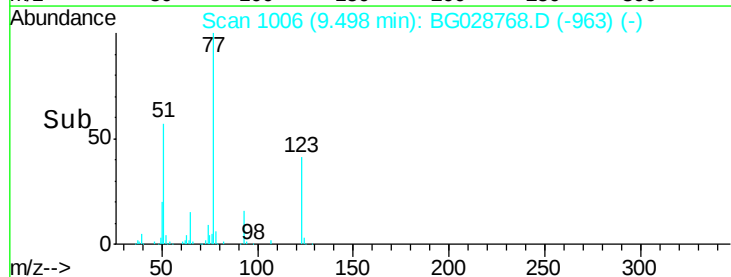
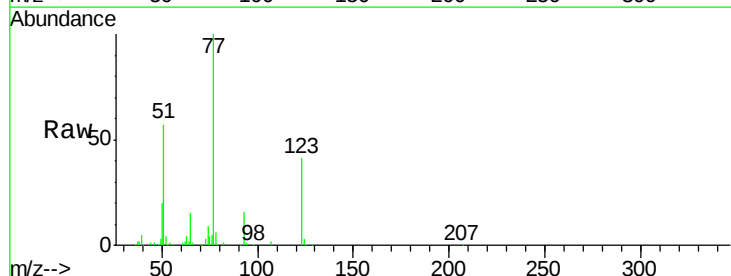
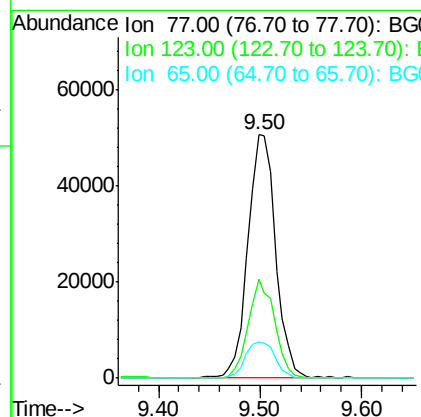
Manual Integrations  
 APPROVED

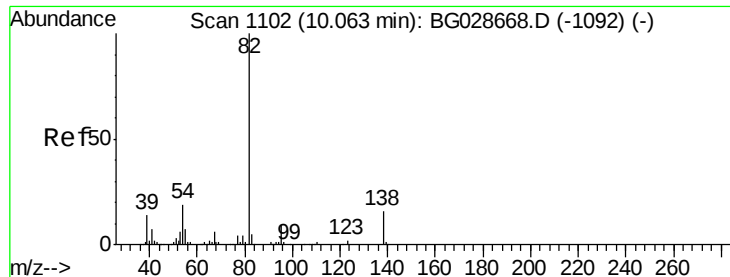
Sohil  
 9/18/2017 3:31:37 PM



#24  
 Nitrobenzene  
 Concen: 36.113 ng  
 RT: 9.50 min Scan# 1006  
 Delta R.T. -0.05 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 96325 |       |       |
| 123     | 40.9  | 26.1  | 39.1# |       |
| 65      | 15.1  | 12.4  | 18.6  |       |





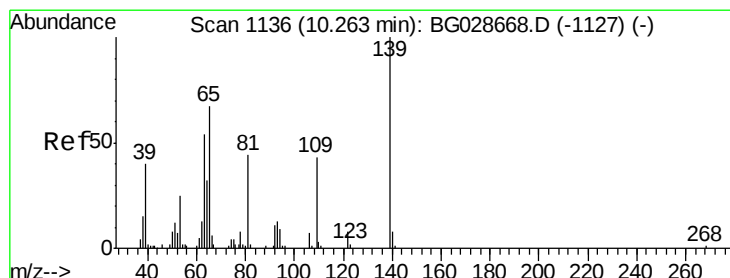
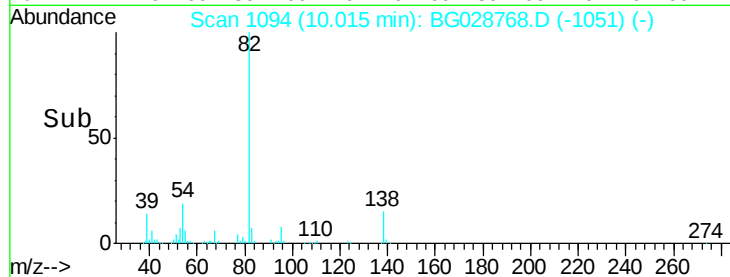
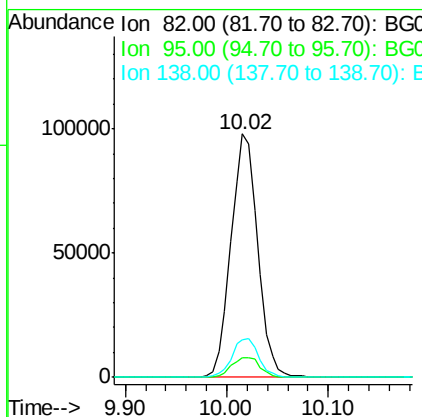
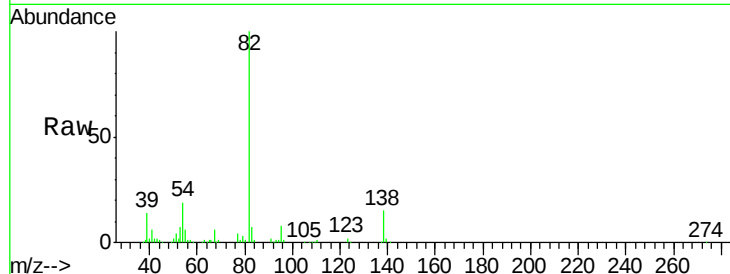
#25  
Isophorone  
Concen: 36.686 ng  
RT: 10.02 min Scan# 1094  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 178804 |       |       |
| 95      | 8.1   | 7.5    | 11.3  |       |
| 138     | 15.5  | 12.3   | 18.5  |       |

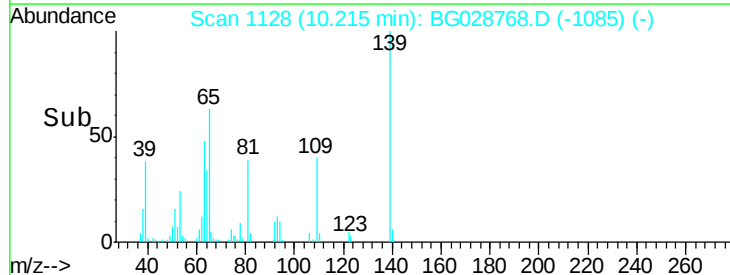
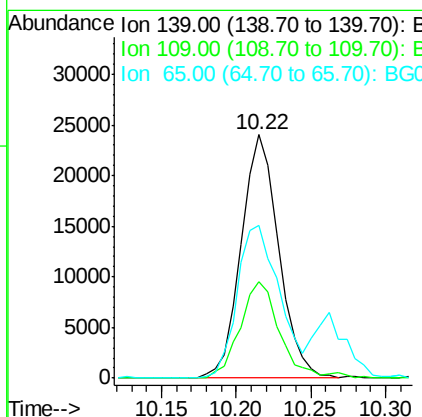
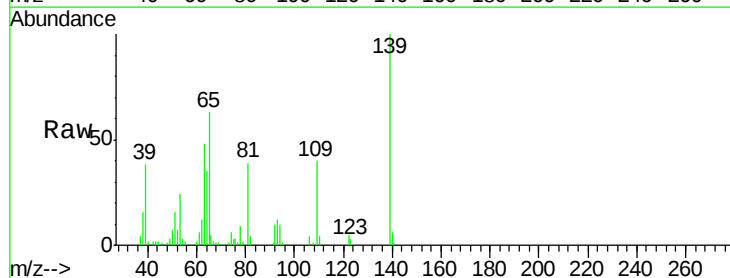
Manual Integrations  
APPROVED

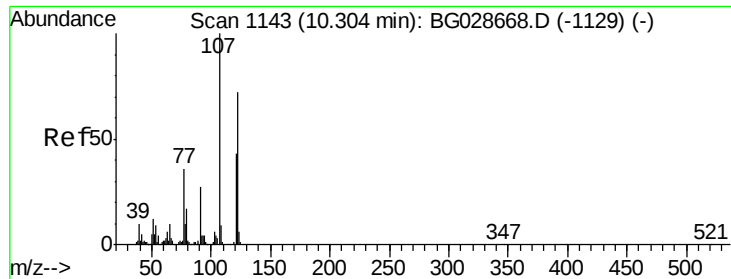
Sohil  
9/18/2017 3:31:37 PM



#26  
2-Nitrophenol  
Concen: 36.908 ng  
RT: 10.22 min Scan# 1128  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 41898 |       |       |
| 109     | 39.8  | 38.6  | 58.0  |       |
| 65      | 62.9  | 57.1  | 85.7  |       |





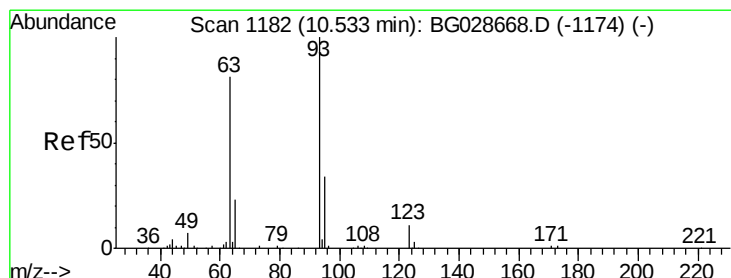
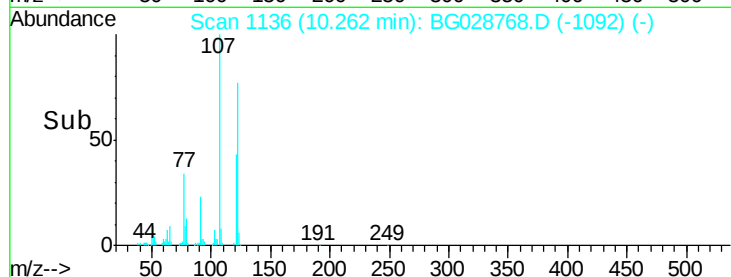
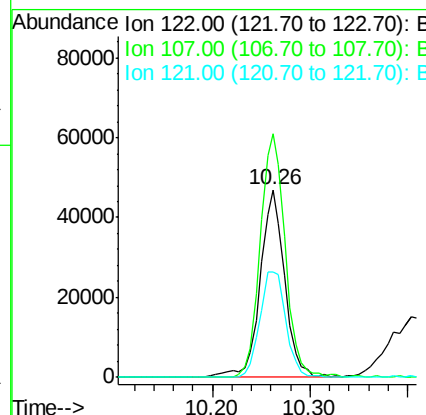
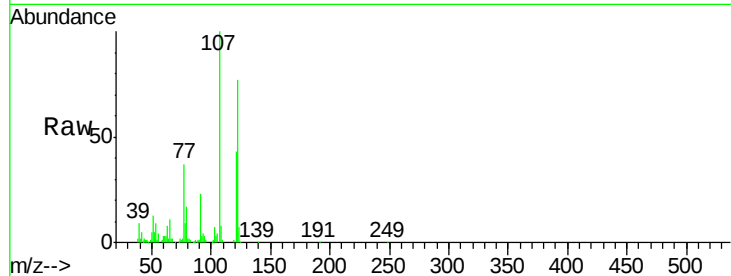
#27  
 2,4-Dimethylphenol  
 Concen: 40.029 ng  
 RT: 10.26 min Scan# 1136  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 129.6 | 104.2 | 156.4 |
| 121     | 55.8  | 46.0  | 69.0  |

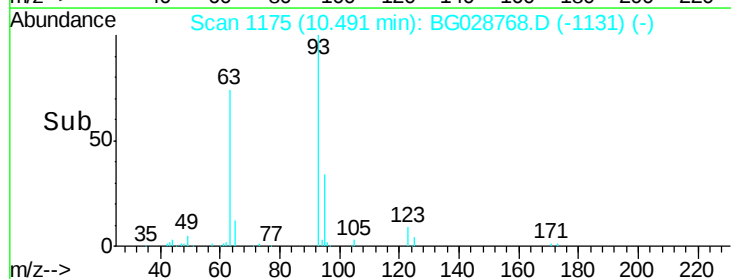
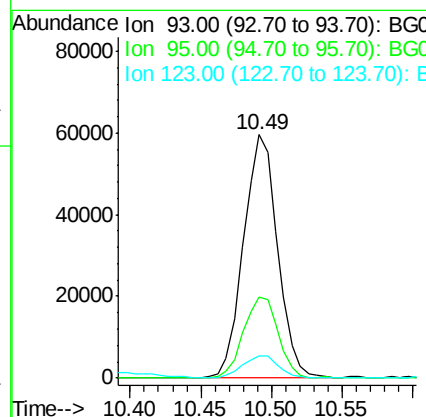
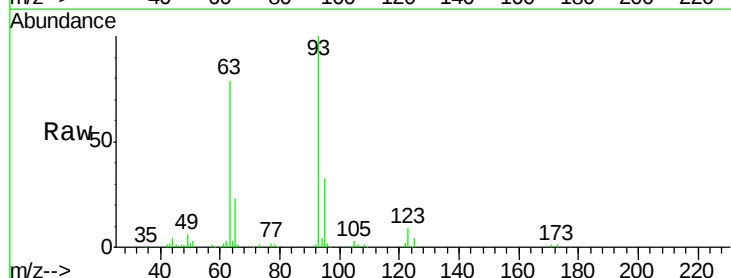
Manual Integrations  
 APPROVED

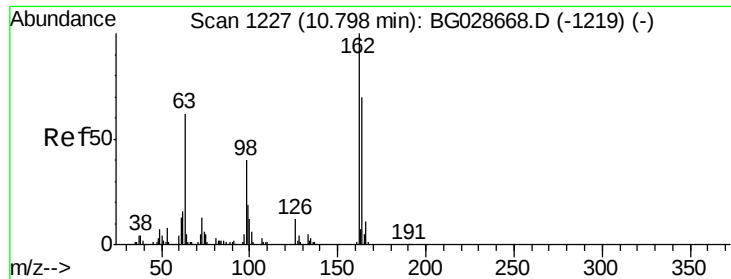
Sohil  
 9/18/2017 3:31:37 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.024 ng  
 RT: 10.49 min Scan# 1175  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 25.7  | 38.5  |
| 123     | 9.3   | 8.3   | 12.5  |





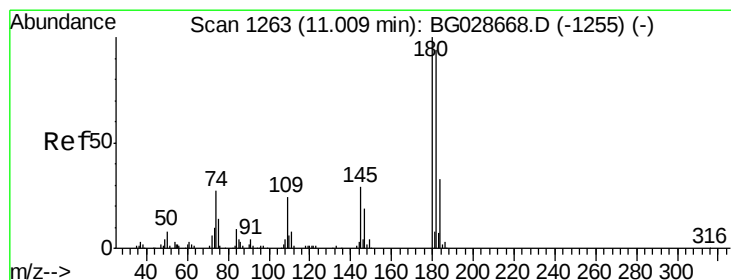
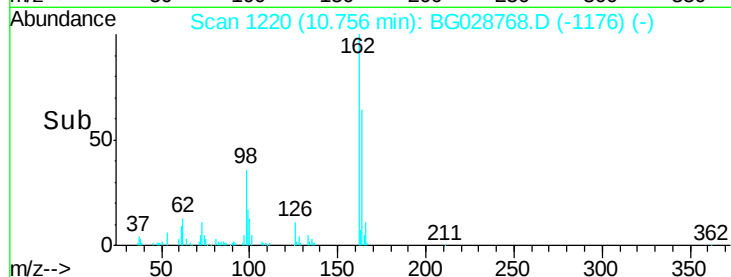
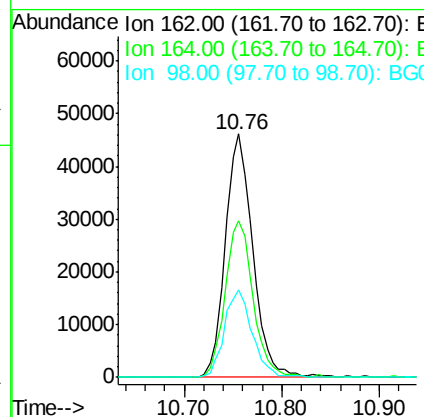
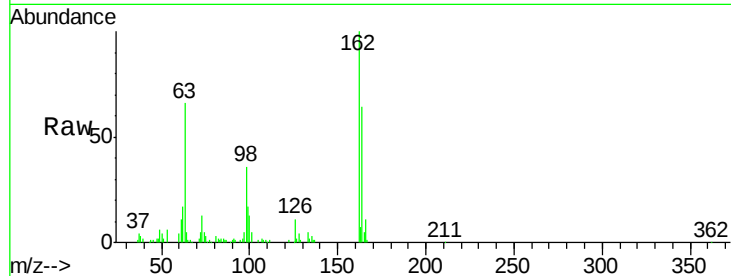
#29  
 2,4-Dichlorophenol  
 Concen: 43.679 ng  
 RT: 10.76 min Scan# 1220  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.5  | 42.4       | 82.4       |
| 98      | 35.9  | 20.3       | 60.3       |

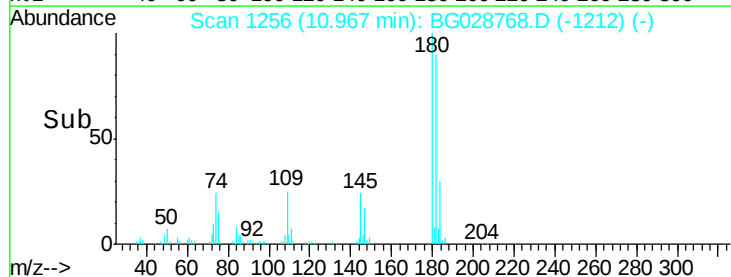
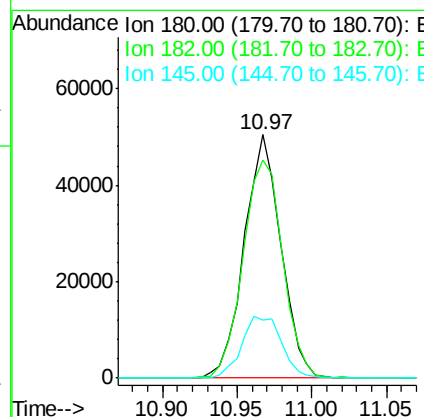
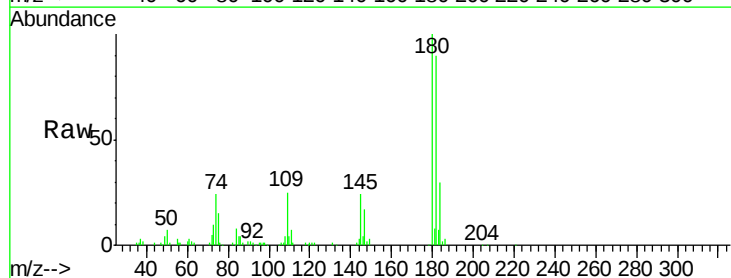
Manual Integrations  
 APPROVED

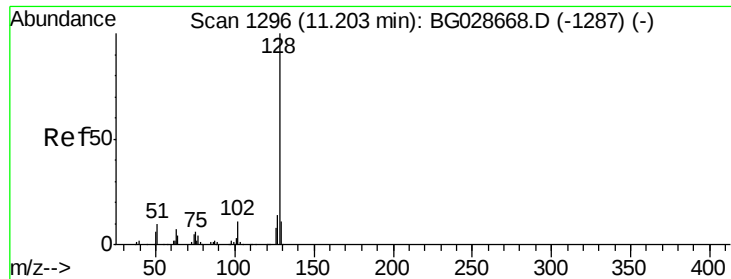
Sohil  
 9/18/2017 3:31:37 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.452 ng  
 RT: 10.97 min Scan# 1256  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 89.7  | 77.0       | 115.4      |
| 145     | 23.7  | 23.4       | 35.0       |





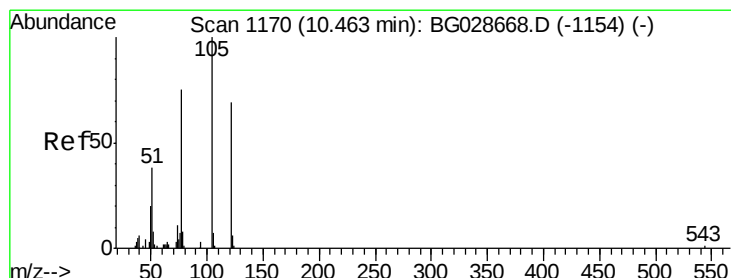
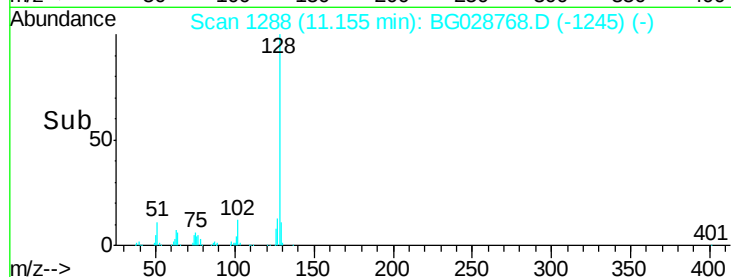
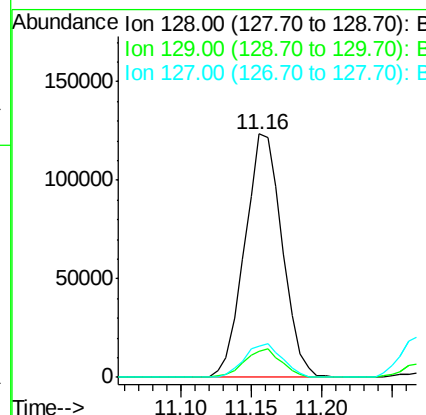
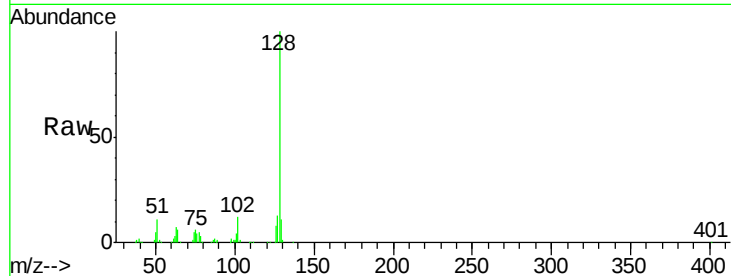
#31  
Naphthalene  
Concen: 38.092 ng  
RT: 11.16 min Scan# 1288  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 229249 |       |       |
| 129     | 10.9  | 9.3    | 13.9  |       |
| 127     | 12.8  | 11.4   | 17.0  |       |

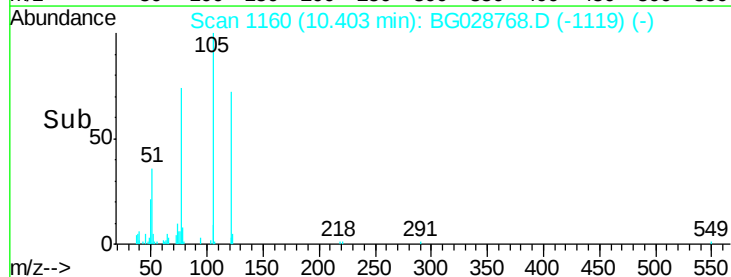
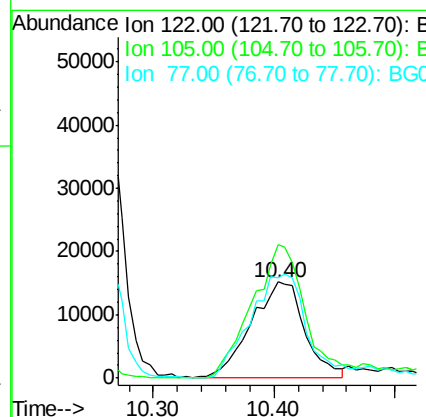
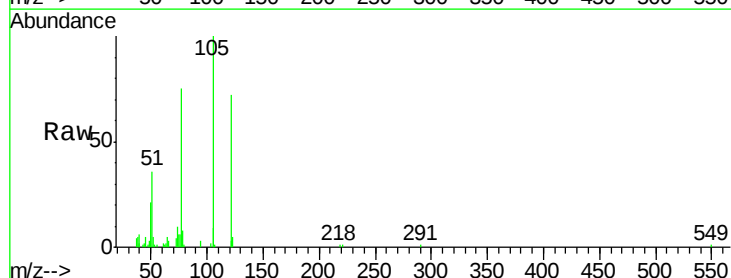
Manual Integrations  
APPROVED

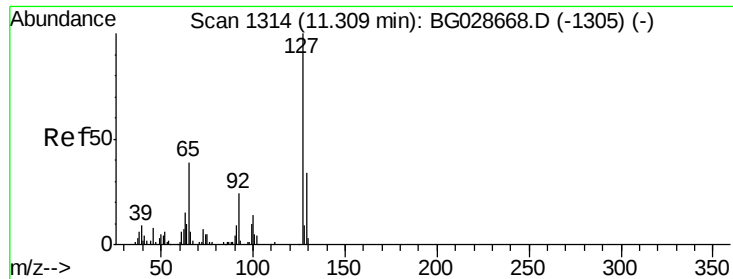
Sohil  
9/18/2017 3:31:37 PM



#32  
Benzoic acid  
Concen: 33.911 ng  
RT: 10.40 min Scan# 1160  
Delta R.T. -0.06 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 46959 |       |       |
| 105     | 138.8 | 120.1 | 160.1 |       |
| 77      | 104.3 | 104.6 | 144.6 |       |





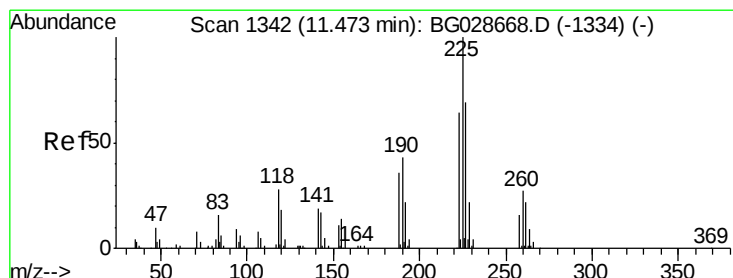
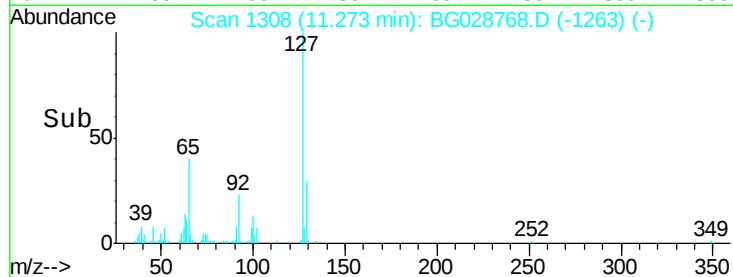
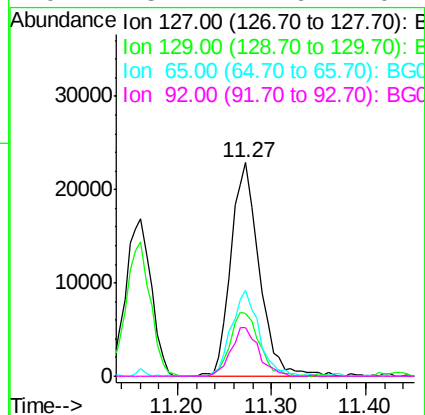
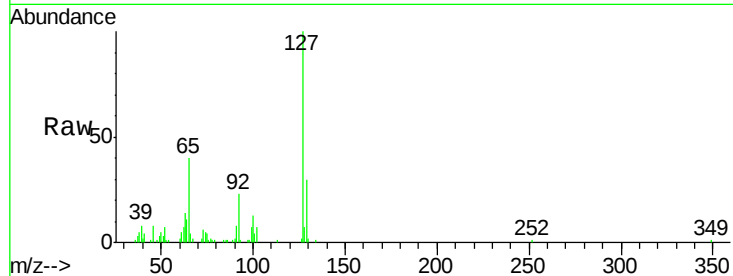
#33  
 4-Chloroaniline  
 Concen: 19.054 ng  
 RT: 11.27 min Scan# 1308  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 48037 |       |       |
| 129     | 29.6  | 23.6  | 35.4  |       |
| 65      | 40.0  | 37.7  | 56.5  |       |
| 92      | 23.1  | 17.6  | 26.4  |       |

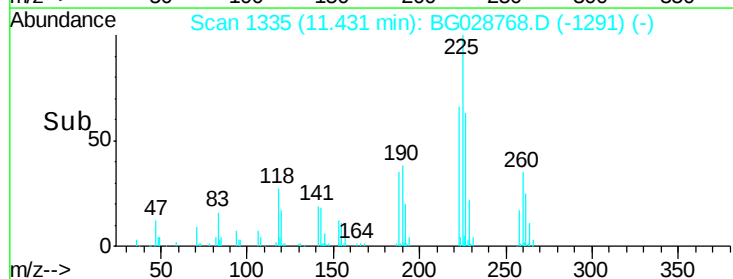
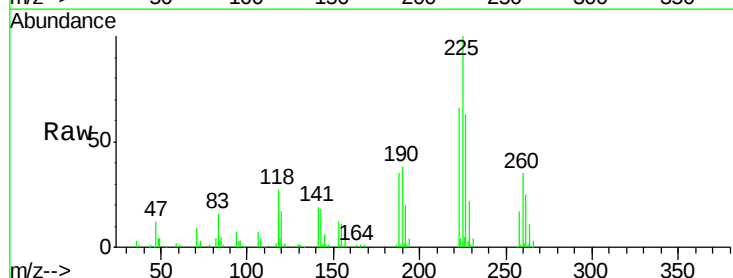
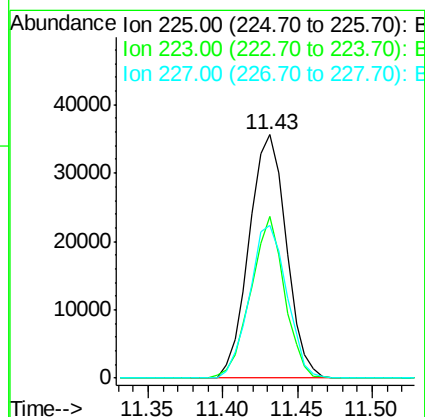
Manual Integrations  
 APPROVED

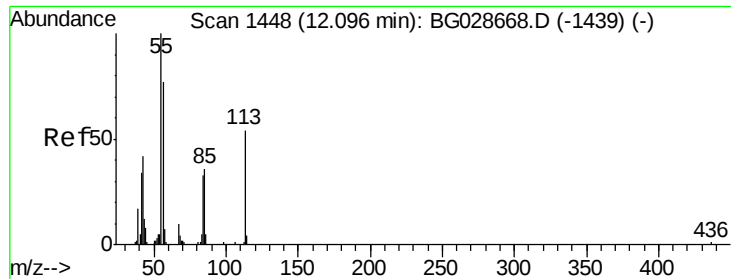
Sohil  
 9/18/2017 3:31:37 PM



#34  
 Hexachlorobutadiene  
 Concen: 35.316 ng  
 RT: 11.43 min Scan# 1335  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61265 |       |       |
| 223     | 66.3  | 50.7  | 76.1  |       |
| 227     | 62.9  | 49.0  | 73.6  |       |





#35

Caprolactam

Concen: 49.045 ng m

RT: 12.04 min Scan# 1439

Delta R.T. -0.05 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

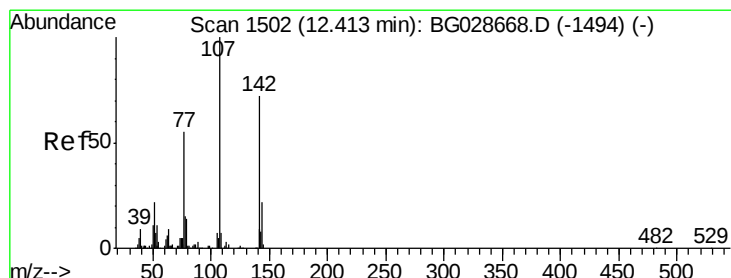
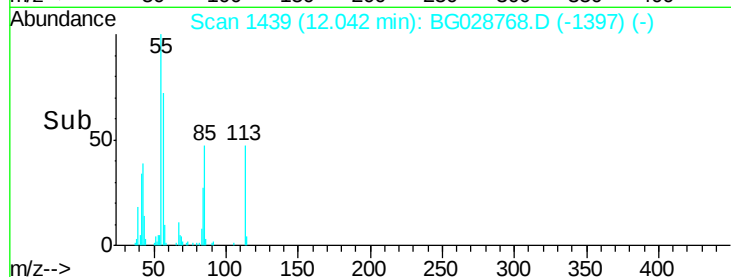
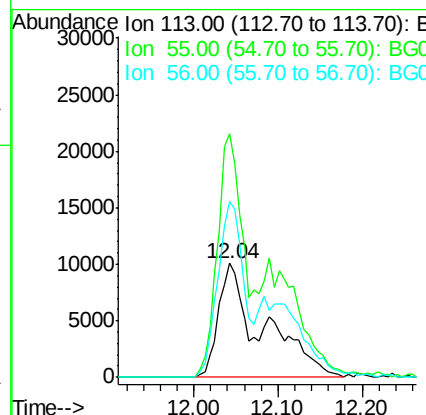
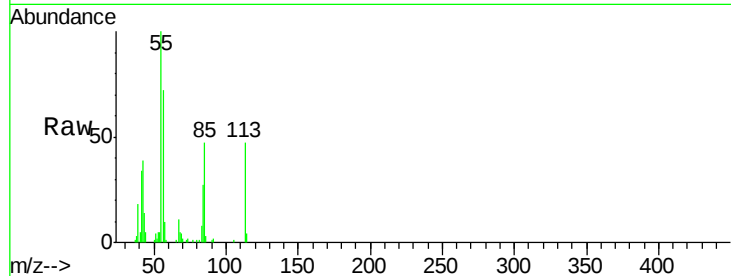
ClientSampleId :

PB102295BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 36311 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 214.1 | 198.6 | 238.6 |
| 56        | 154.9 | 140.4 | 180.4 |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#36

4-Chloro-3-methylphenol

Concen: 41.769 ng

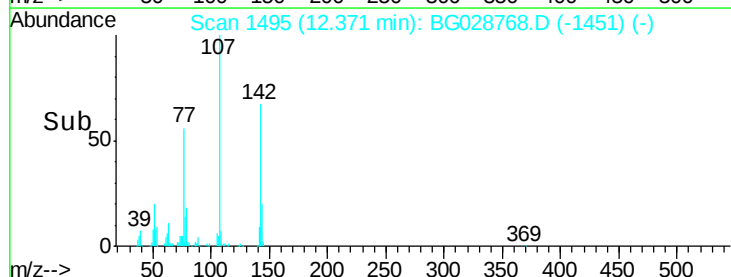
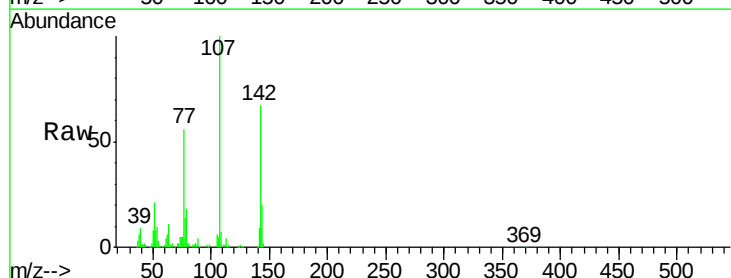
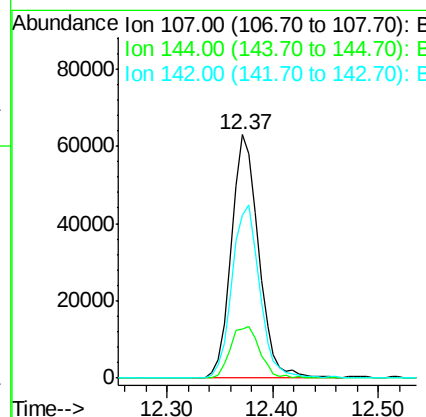
RT: 12.37 min Scan# 1495

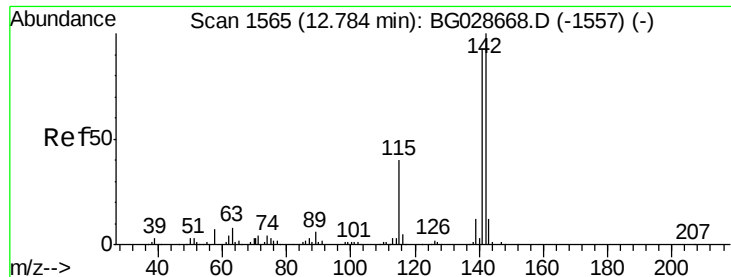
Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 112229 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 20.1  | 17.4  | 26.0   |
| 142       | 67.2  | 54.1  | 81.1   |





#37

2-Methylnaphthalene

Concen: 41.546 ng

RT: 12.74 min Scan# 1558

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

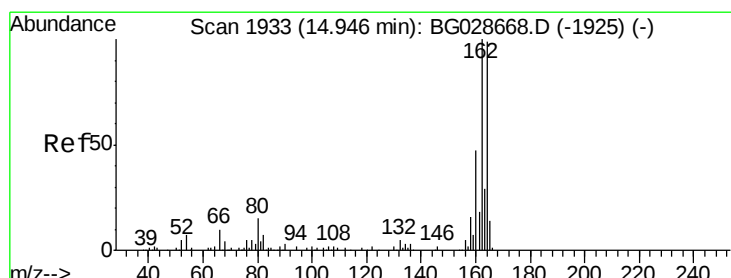
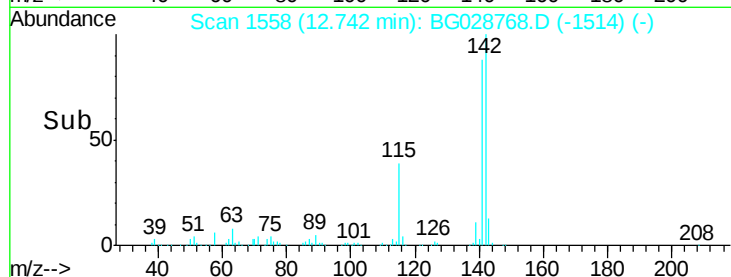
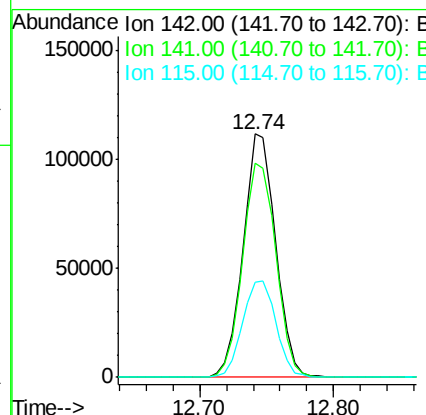
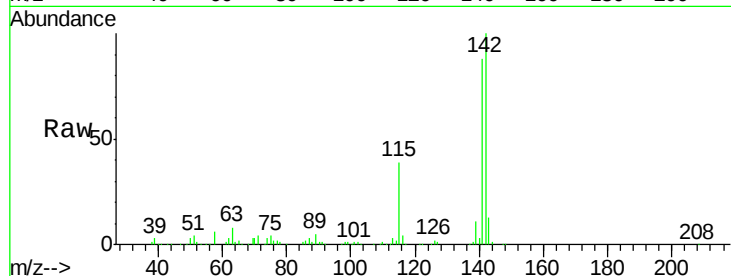
ClientSampleId :

PB102295BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 186676 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.1  | 70.4  | 105.6  |
| 115       | 39.3  | 35.5  | 53.3   |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

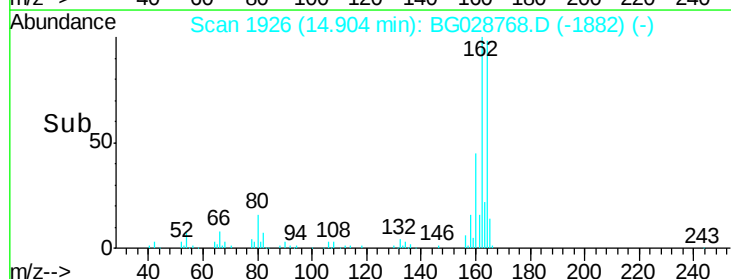
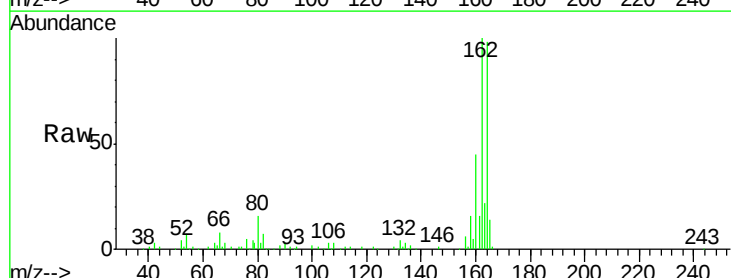
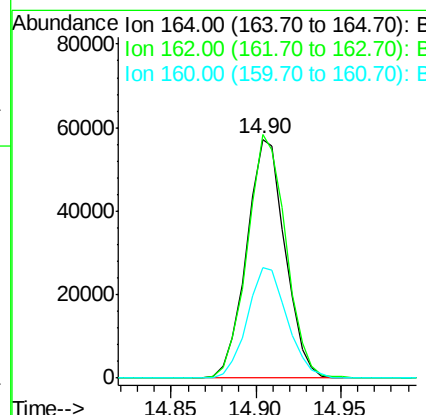
RT: 14.90 min Scan# 1926

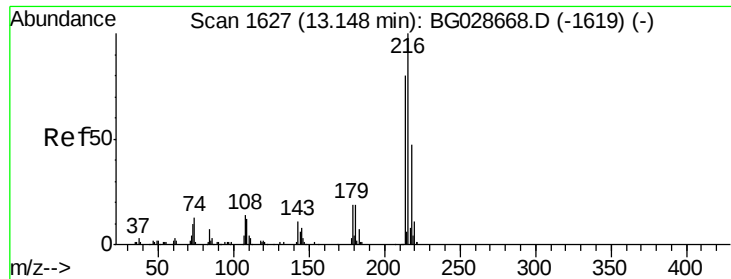
Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 90485 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.0 | 85.1  | 127.7 |
| 160       | 46.1  | 34.7  | 52.1  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.728 ng

RT: 13.11 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BG028768.D

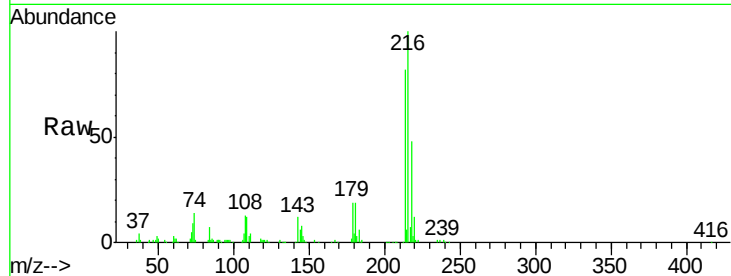
Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

ClientSampleId :

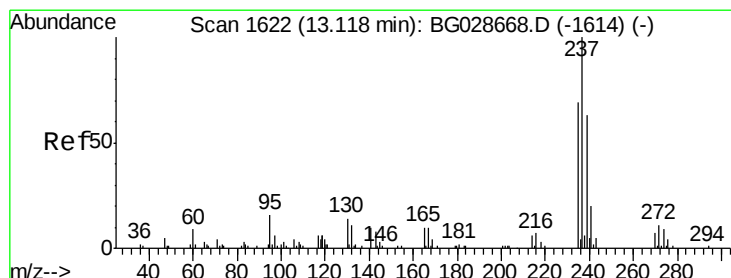
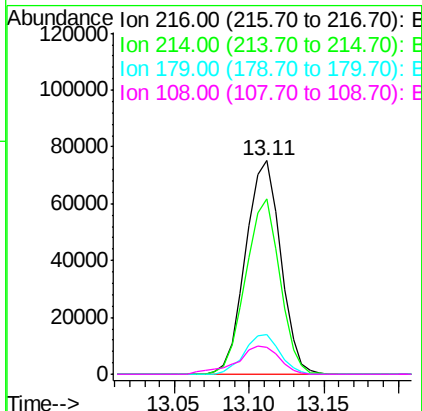
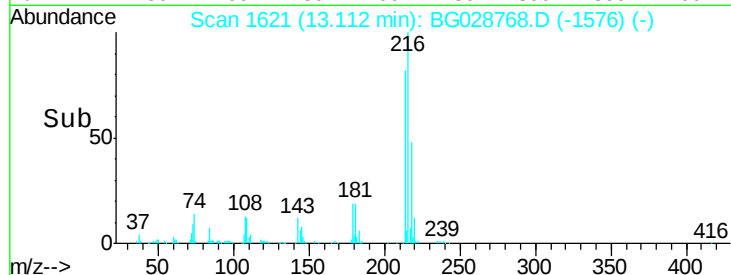
PB102295BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 121764 |       |       |
| 214     | 80.1  | 64.4   | 96.6  |       |
| 179     | 19.0  | 17.4   | 26.0  |       |
| 108     | 15.8  | 15.6   | 23.4  |       |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



#40

Hexachlorocyclopentadiene

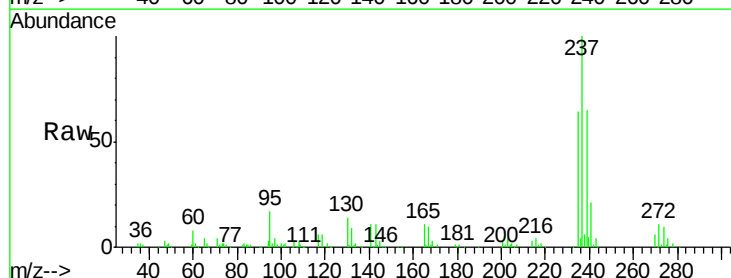
Concen: 78.152 ng

RT: 13.08 min Scan# 1616

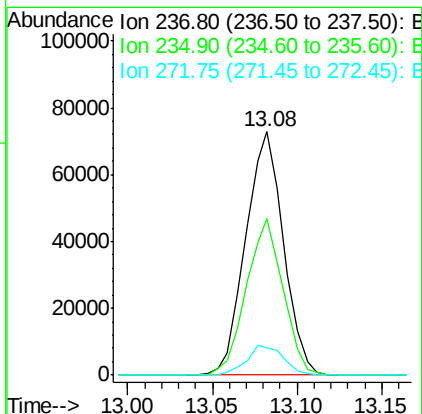
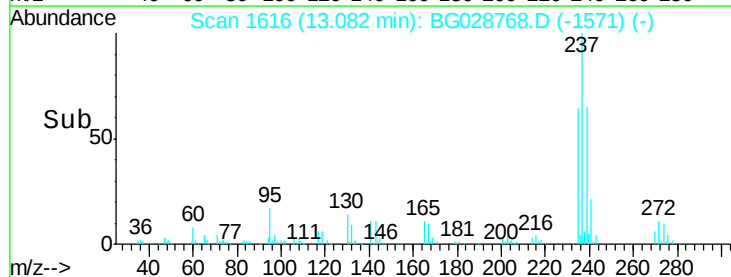
Delta R.T. -0.04 min

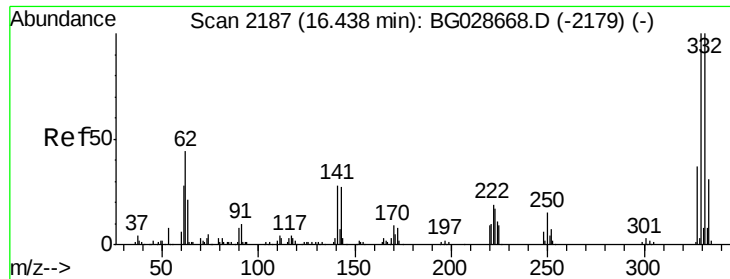
Lab File: BG028768.D

Acq: 15 Sep 2017 15:23



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 112674 |       |       |
| 235     | 64.5  | 39.4   | 79.4  |       |
| 272     | 11.2  | 0.0    | 32.0  |       |





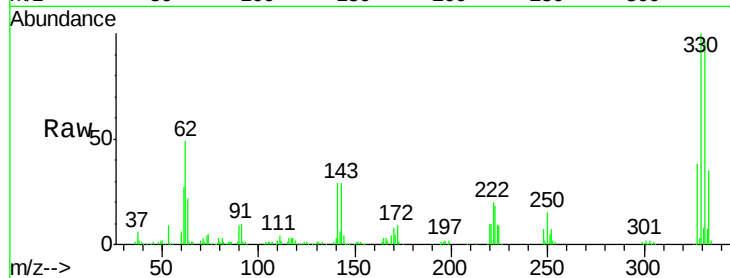
#41  
 2,4,6-Tribromophenol  
 Concen: 149.320 ng  
 RT: 16.40 min Scan# 2180  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

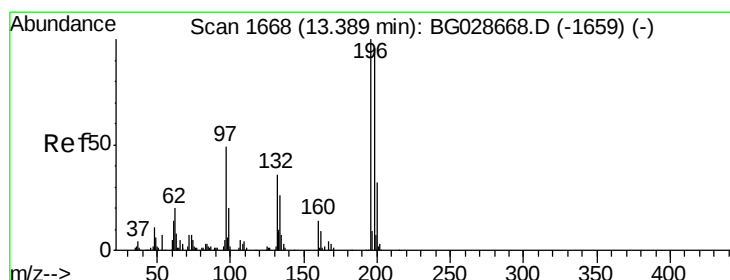
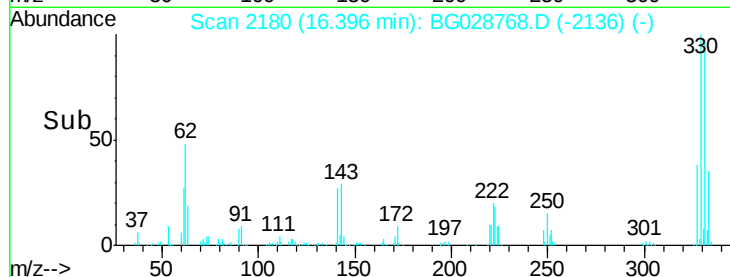
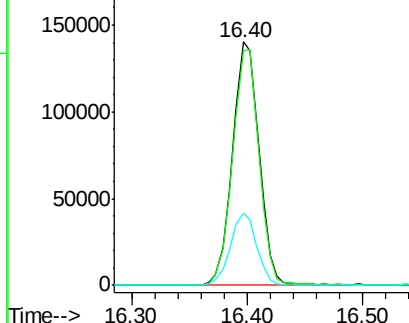
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 223467 |       |       |
| 332     | 97.1  | 77.3   | 115.9 |       |
| 141     | 29.5  | 32.1   | 48.1# |       |

Manual Integrations  
 APPROVED

Sohil  
 9/18/2017 3:31:37 PM

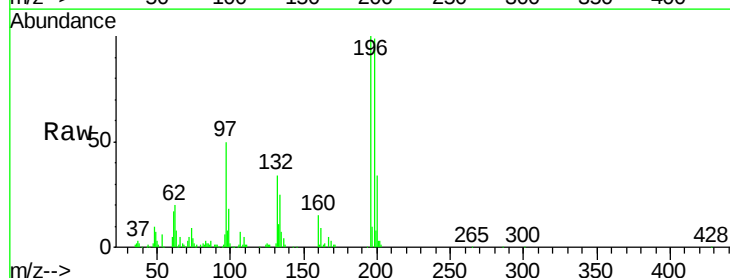


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

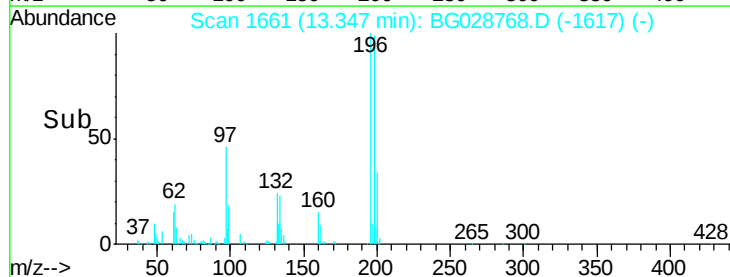
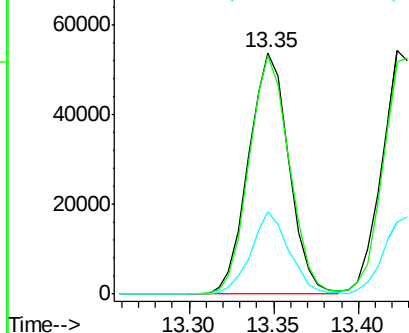


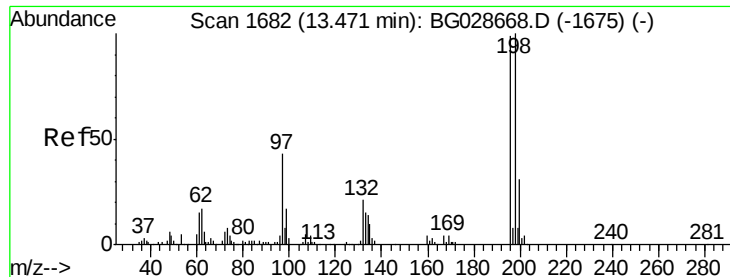
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.794 ng  
 RT: 13.35 min Scan# 1661  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 89243 |       |       |
| 198     | 99.2  | 81.4  | 122.2 |       |
| 200     | 34.1  | 27.0  | 40.6  |       |



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





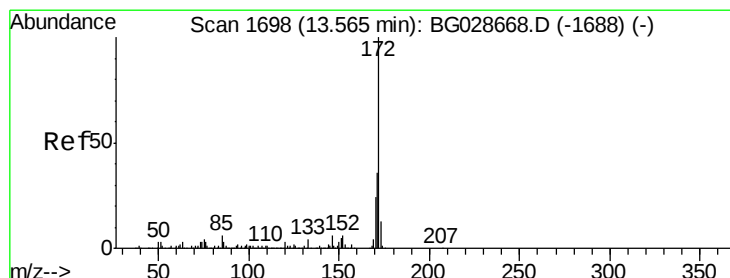
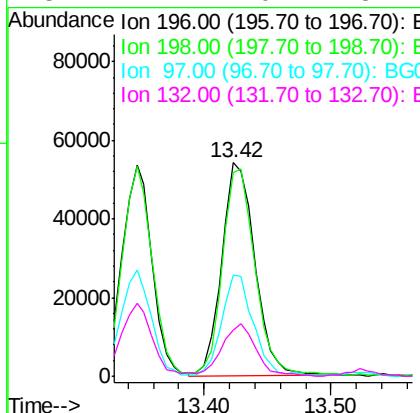
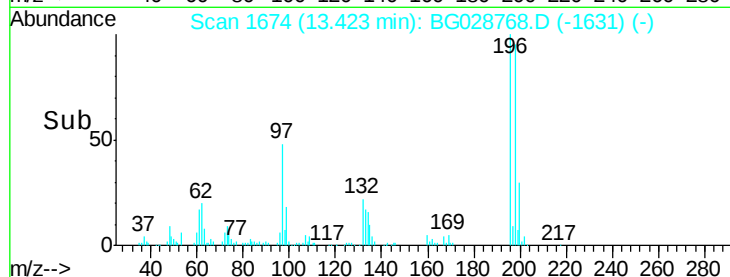
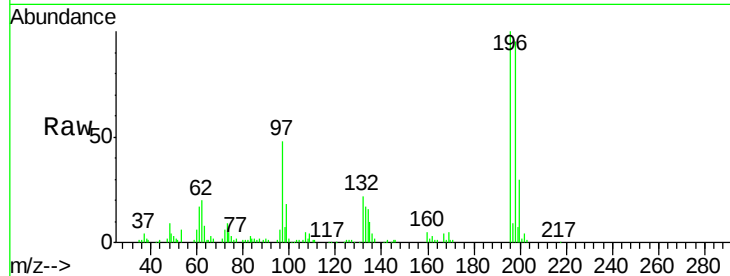
#43  
2,4,5-Trichlorophenol  
Concen: 41.556 ng  
RT: 13.42 min Scan# 1674  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 98602 |       |       |
| 198     | 95.3  | 79.9  | 119.9 |       |
| 97      | 47.5  | 45.4  | 68.0  |       |
| 132     | 21.7  | 20.7  | 31.1  |       |

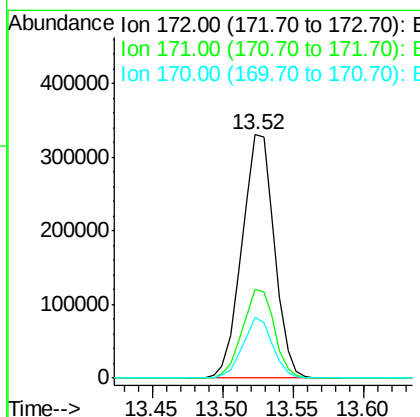
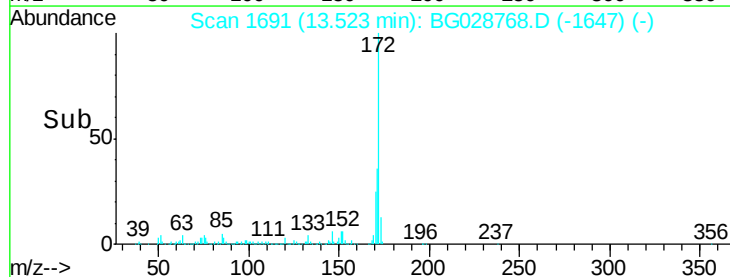
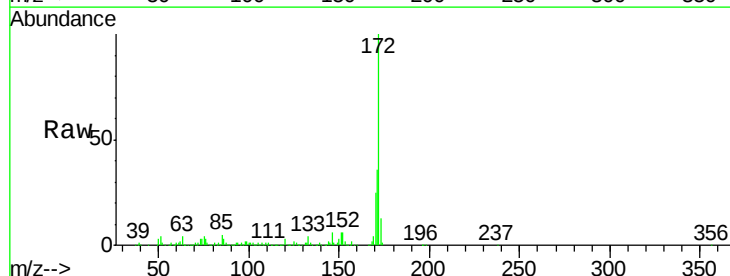
Manual Integrations  
APPROVED

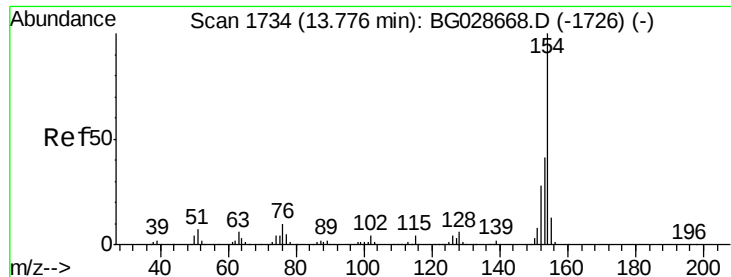
Sohil  
9/18/2017 3:31:37 PM



#44  
2-Fluorobiphenyl  
Concen: 78.221 ng  
RT: 13.52 min Scan# 1691  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 530801 |       |       |
| 171     | 36.3  | 32.2   | 48.2  |       |
| 170     | 24.6  | 21.8   | 32.6  |       |





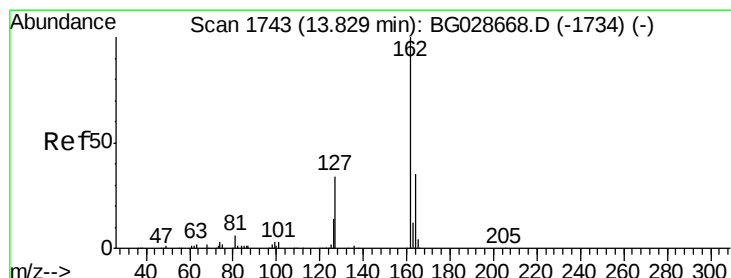
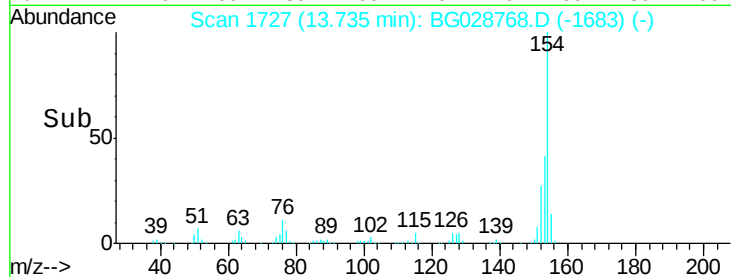
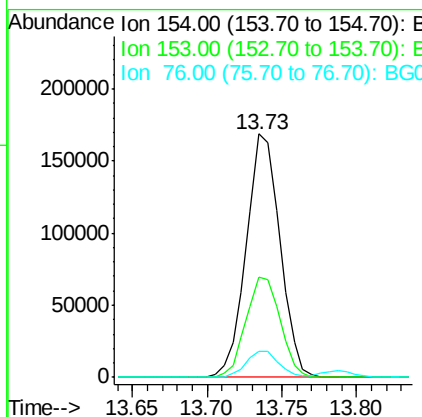
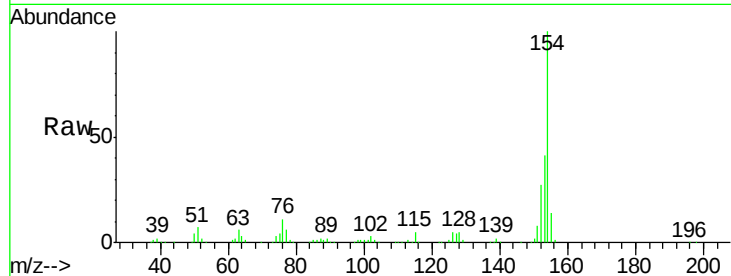
#45  
 1,1'-Biphenyl  
 Concen: 35.079 ng  
 RT: 13.73 min Scan# 1727  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 41.0  | 23.0       | 63.0       |
| 76      | 10.9  | 0.0        | 33.5       |

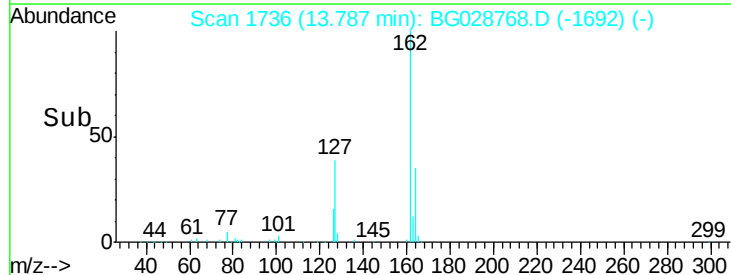
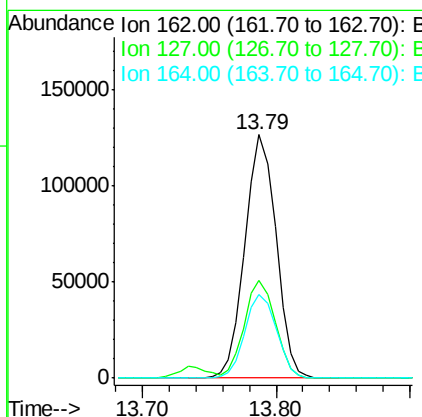
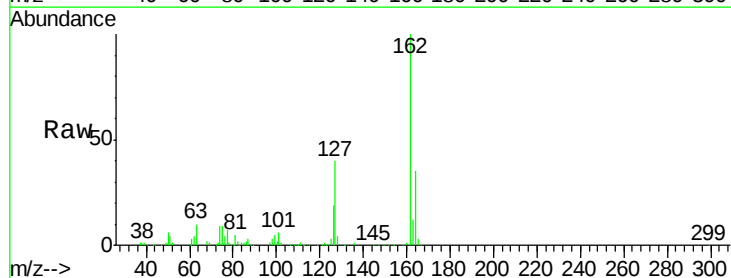
Manual Integrations  
 APPROVED

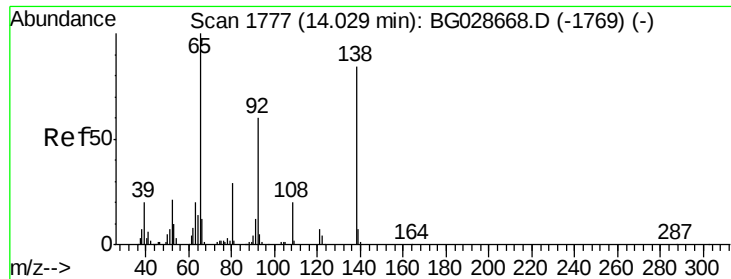
Sohil  
 9/18/2017 3:31:37 PM



#46  
 2-Chloronaphthalene  
 Concen: 37.340 ng  
 RT: 13.79 min Scan# 1736  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 40.0  | 32.2       | 48.4       |
| 164     | 34.6  | 27.3       | 40.9       |





#47

2-Nitroaniline

Concen: 42.277 ng

RT: 13.99 min Scan# 1771

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

ClientSampleId :

PB102295BS

Tgt Ion: 65 Resp: 85857  
Ion Ratio Lower Upper

65 100

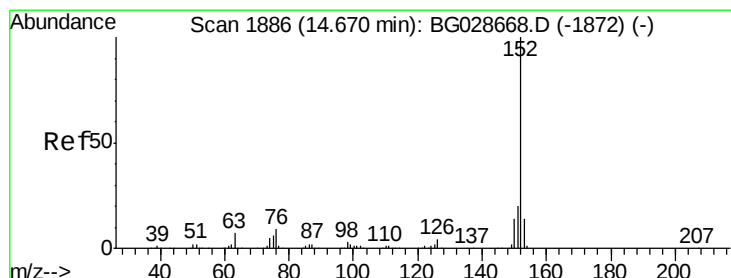
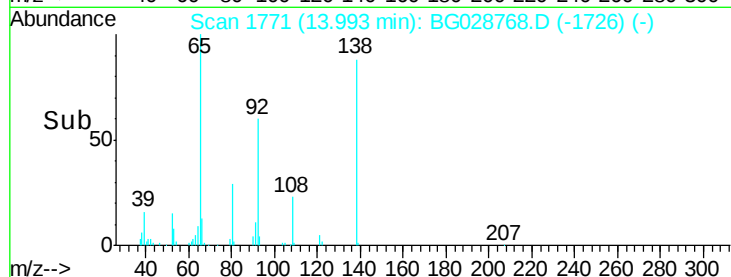
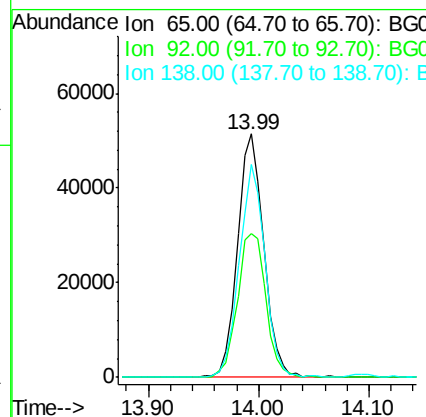
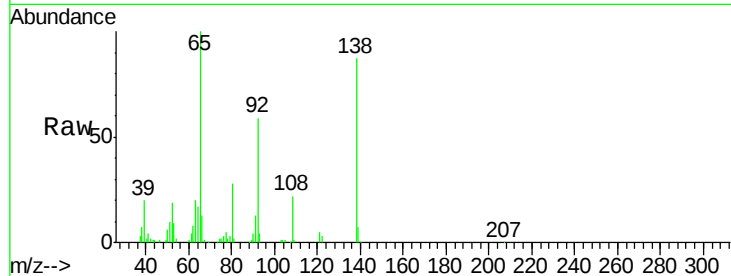
92 59.1 49.0 73.4

138 87.2 58.6 87.8

Manual Integrations  
APPROVED

Sohil

9/18/2017 3:31:37 PM



#48

Acenaphthylene

Concen: 39.346 ng

RT: 14.63 min Scan# 1880

Delta R.T. -0.04 min

Lab File: BG028768.D

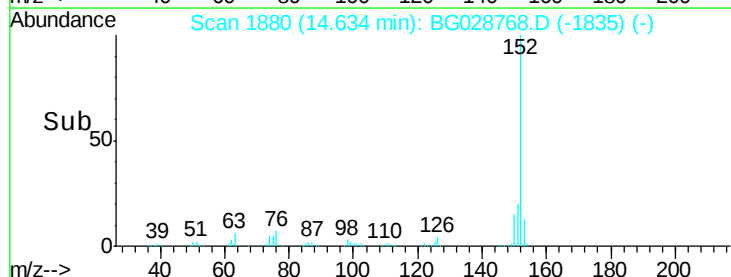
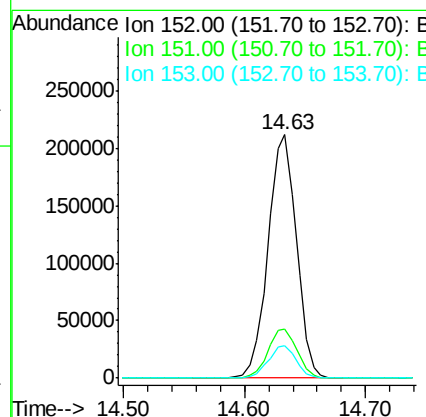
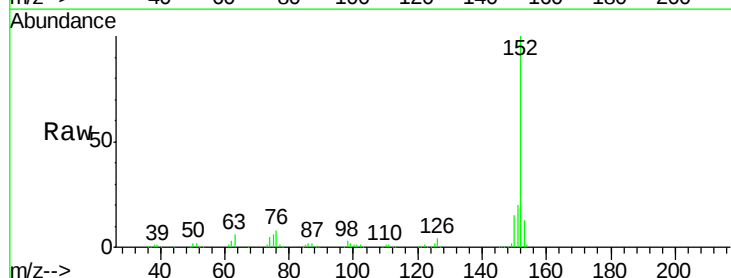
Acq: 15 Sep 2017 15:23

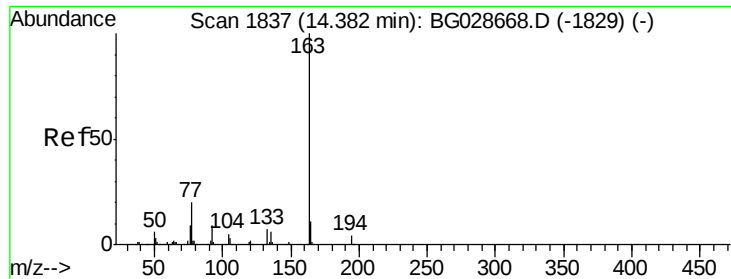
Tgt Ion: 152 Resp: 343495  
Ion Ratio Lower Upper

152 100

151 20.3 18.2 27.2

153 13.4 11.3 16.9





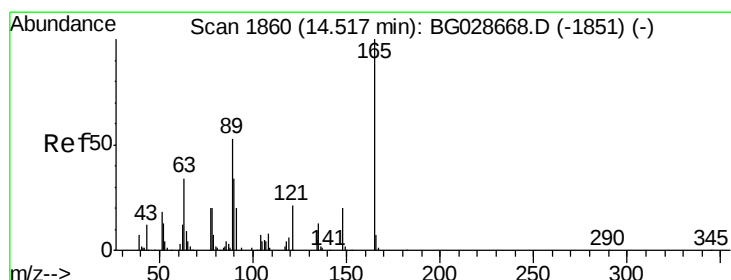
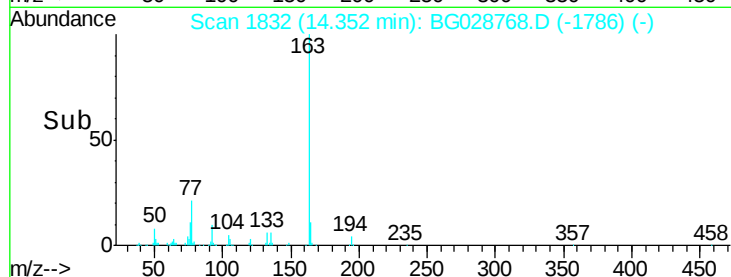
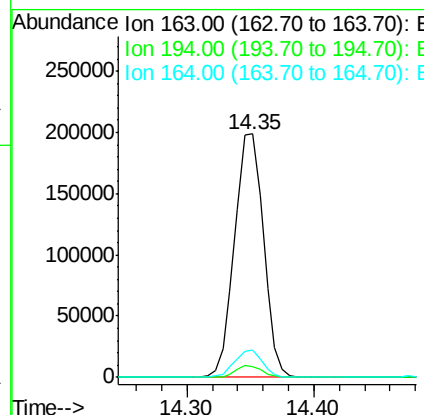
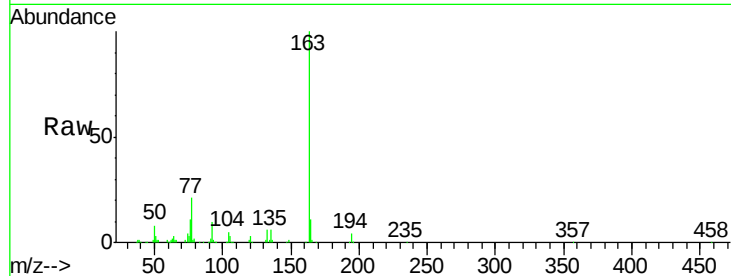
#49  
Dimethylphthalate  
Concen: 41.315 ng  
RT: 14.35 min Scan# 1832  
Delta R.T. -0.03 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 313484 |       |       |
| 194     | 4.4   | 3.8    | 5.6   |       |
| 164     | 11.2  | 9.3    | 13.9  |       |

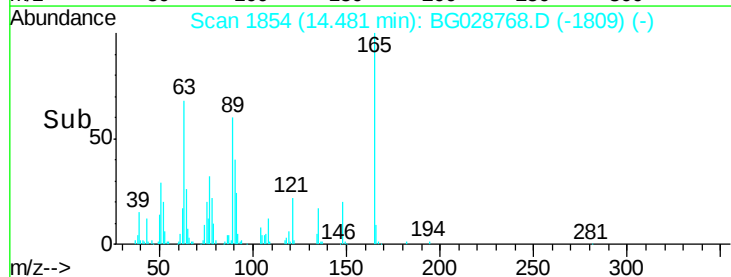
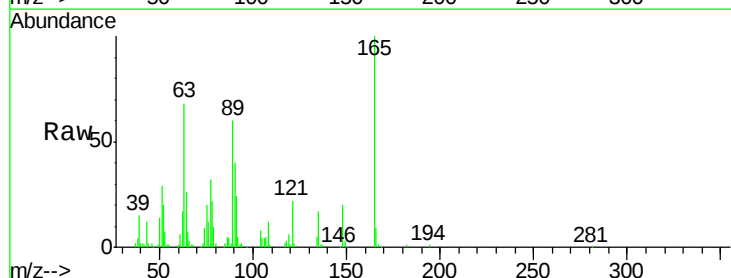
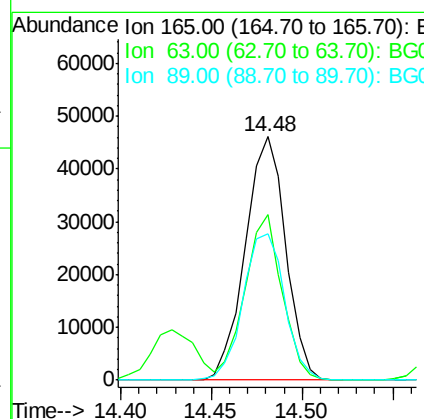
Manual Integrations  
APPROVED

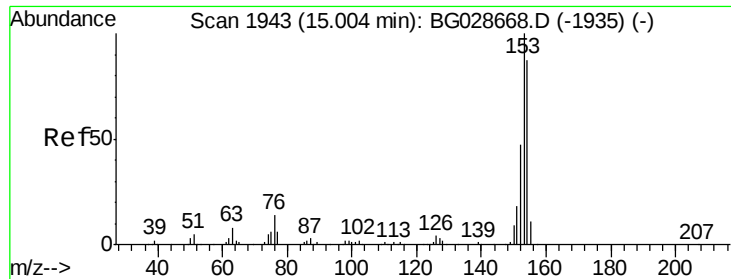
Sohil  
9/18/2017 3:31:37 PM



#50  
2,6-Dinitrotoluene  
Concen: 42.310 ng  
RT: 14.48 min Scan# 1854  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 71434 |       |       |
| 63      | 67.9  | 63.9  | 95.9  |       |
| 89      | 59.9  | 58.6  | 88.0  |       |





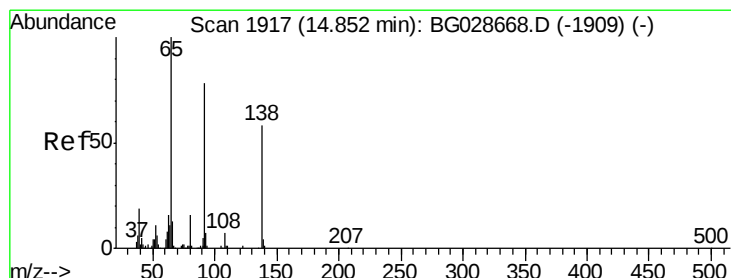
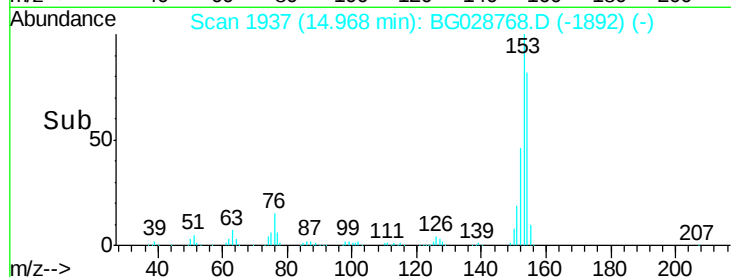
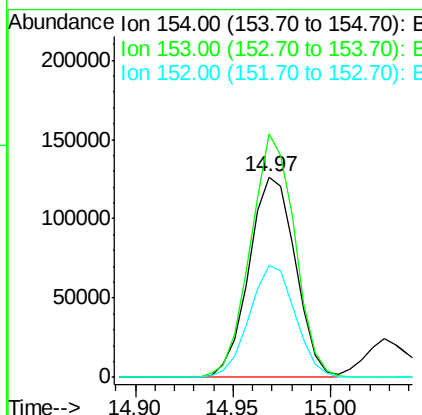
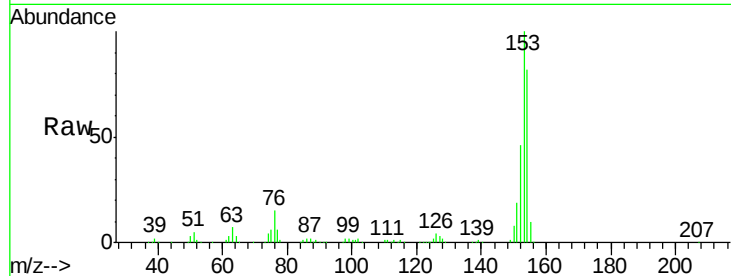
#51  
Acenaphthene  
Concen: 39.261 ng  
RT: 14.97 min Scan# 1937  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 208209 |       |       |
| 153     | 121.3 | 87.8   | 131.6 |       |
| 152     | 56.0  | 42.2   | 63.4  |       |

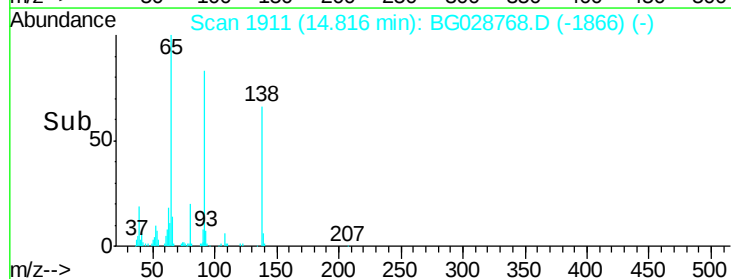
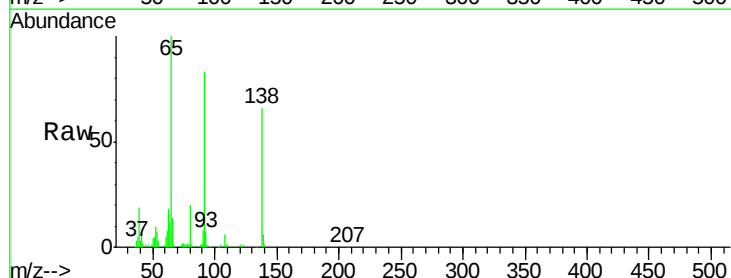
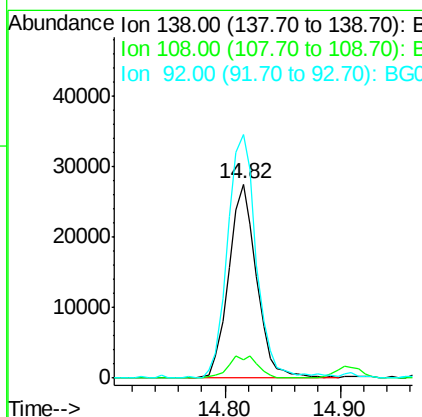
Manual Integrations  
APPROVED

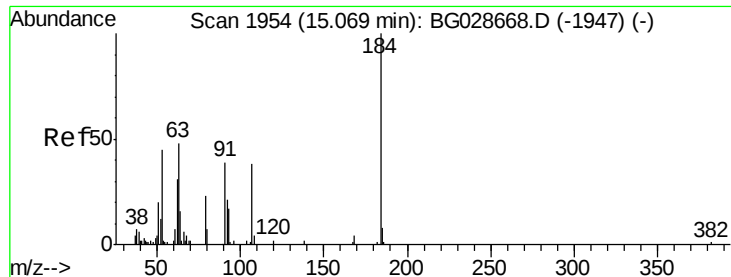
Sohil  
9/18/2017 3:31:37 PM



#52  
3-Nitroaniline  
Concen: 30.627 ng  
RT: 14.82 min Scan# 1911  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 45727 |       |       |
| 108     | 9.3   | 10.9  | 16.3# |       |
| 92      | 125.4 | 115.3 | 172.9 |       |





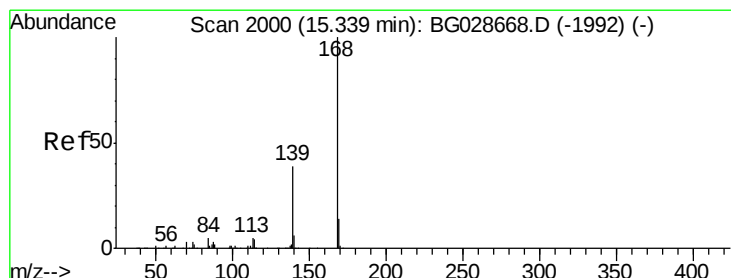
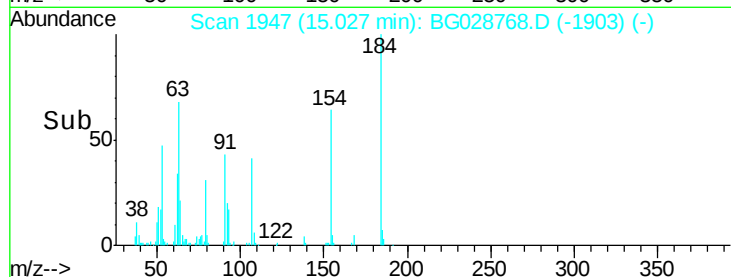
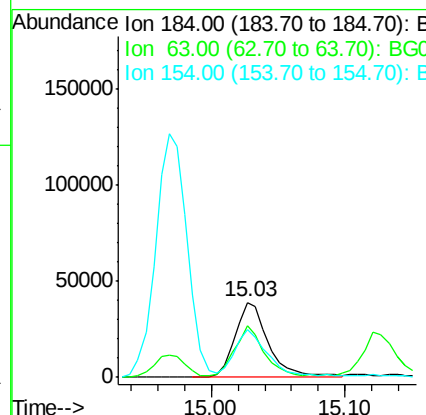
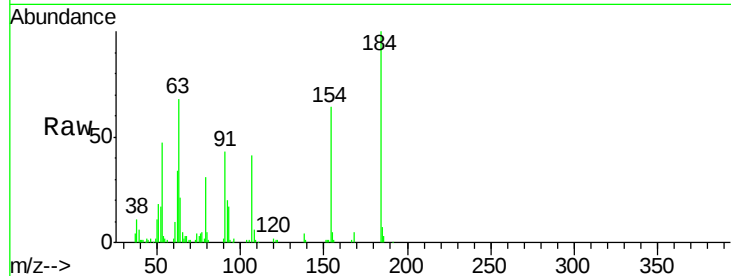
#53  
2,4-Dinitrophenol  
Concen: 76.645 ng  
RT: 15.03 min Scan# 1947  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 67854 |       |       |
| 63      | 68.2  | 52.7  | 79.1  |       |
| 154     | 63.9  | 57.3  | 85.9  |       |

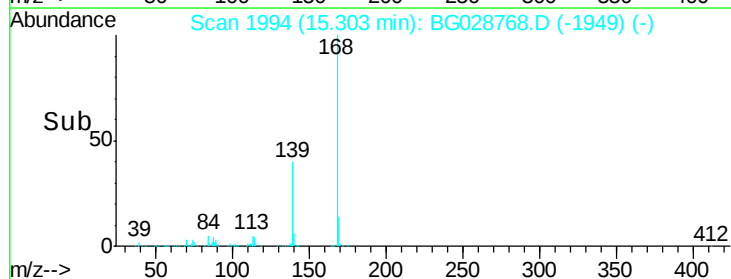
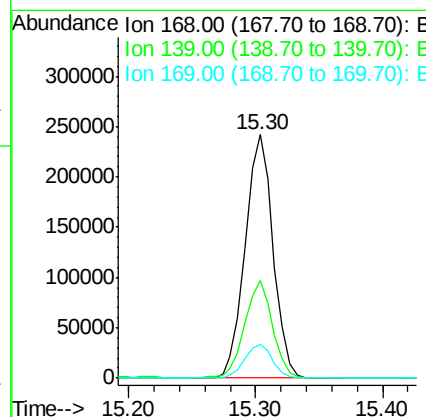
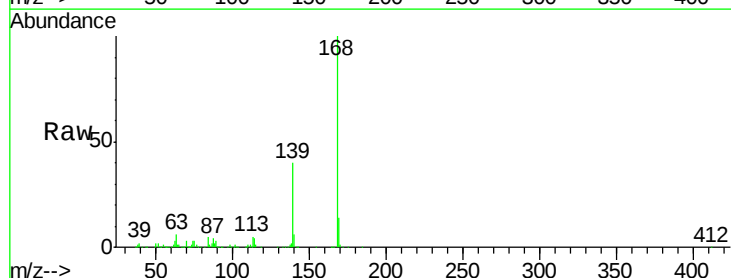
Manual Integrations  
APPROVED

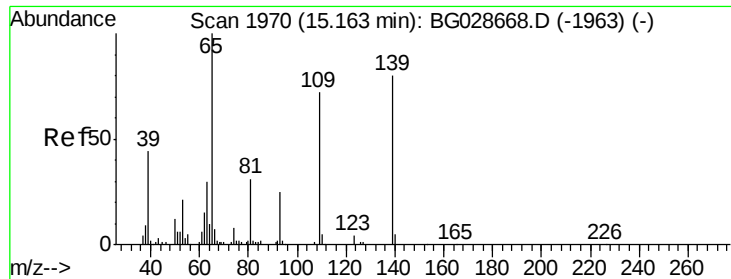
Sohil  
9/18/2017 3:31:37 PM



#54  
Dibenzofuran  
Concen: 43.480 ng  
RT: 15.30 min Scan# 1994  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 367714 |       |       |
| 139     | 40.1  | 35.3   | 52.9  |       |
| 169     | 13.8  | 11.5   | 17.3  |       |





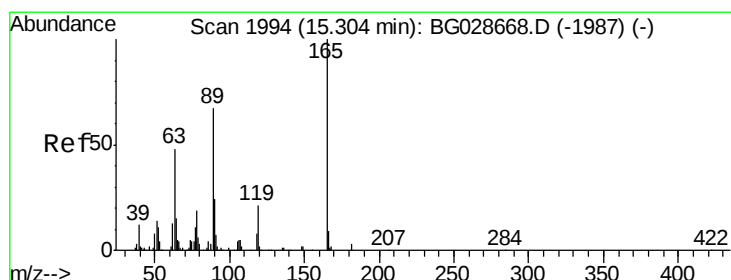
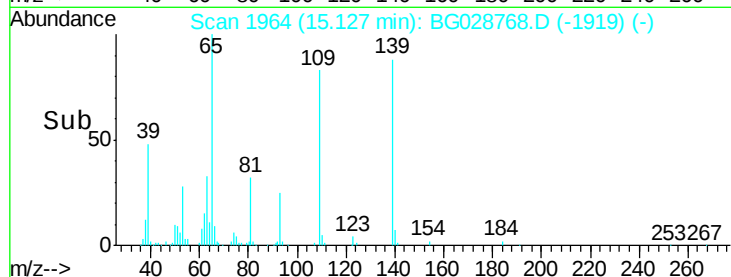
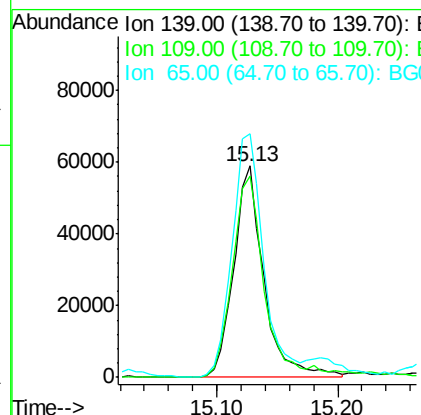
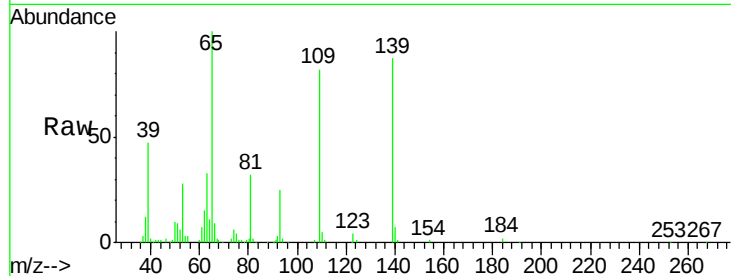
#55  
4-Nitrophenol  
Concen: 94.028 ng  
RT: 15.13 min Scan# 1964  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 94.9  | 101.2 | 141.2# |       |
| 65      | 115.1 | 135.3 | 175.3# |       |

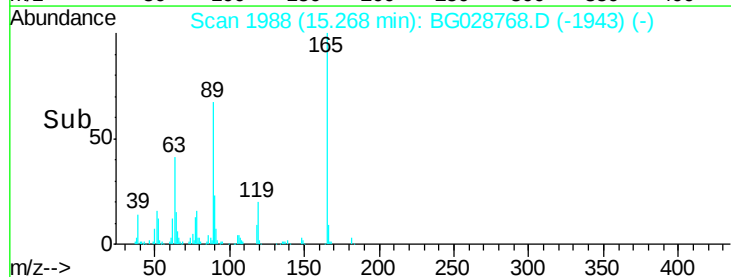
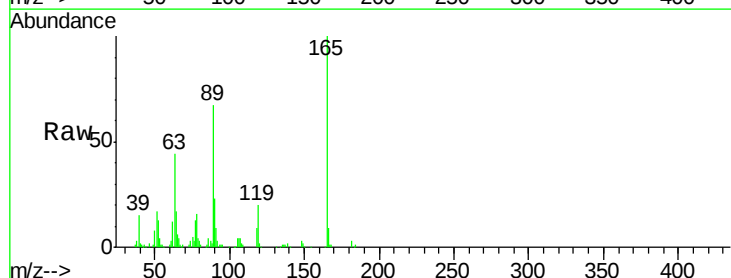
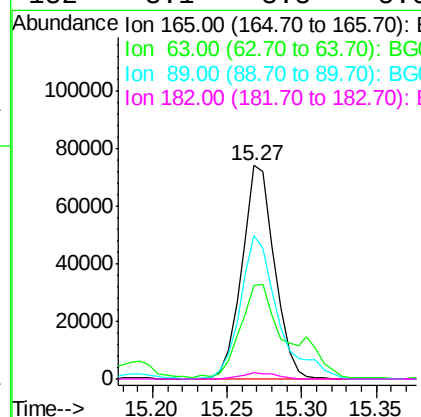
Manual Integrations  
APPROVED

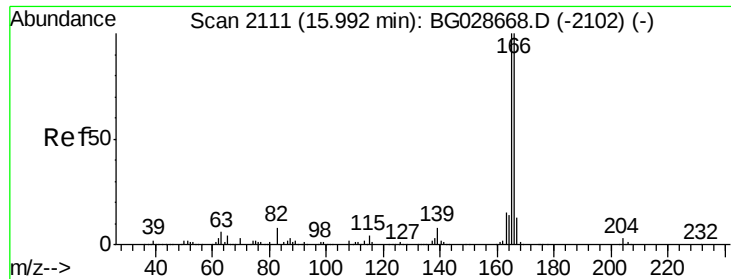
Sohil  
9/18/2017 3:31:37 PM



#56  
2,4-Dinitrotoluene  
Concen: 47.003 ng  
RT: 15.27 min Scan# 1988  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 165     | 100   |      |        |       |
| 63      | 44.0  | 44.0 | 66.0#  |       |
| 89      | 67.1  | 67.3 | 100.9# |       |
| 182     | 3.1   | 3.8  | 5.6#   |       |





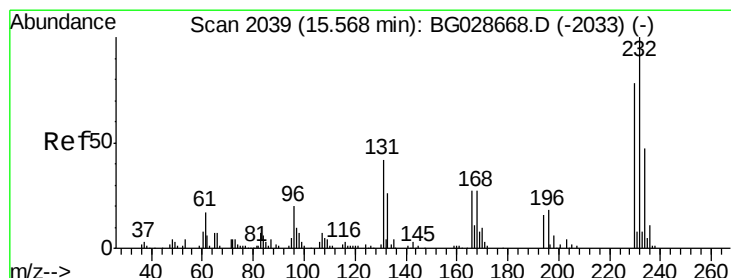
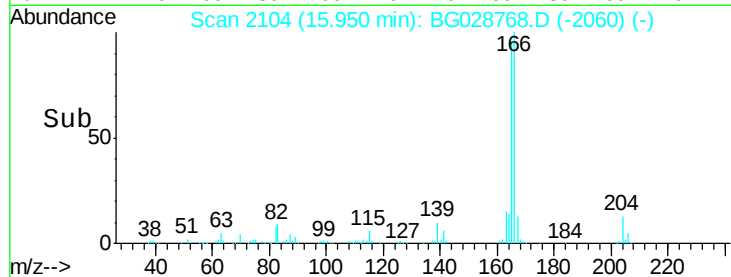
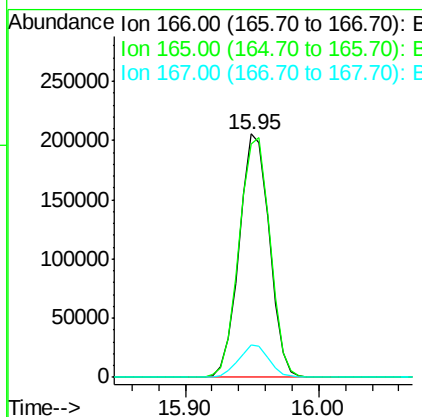
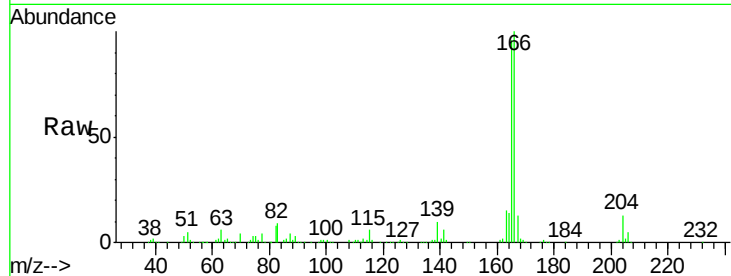
#57  
 Fluorene  
 Concen: 42.377 ng  
 RT: 15.95 min Scan# 2104  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 319953 |       |       |
| 165     | 96.0  |        | 78.6  | 117.8 |
| 167     | 13.4  |        | 11.6  | 17.4  |

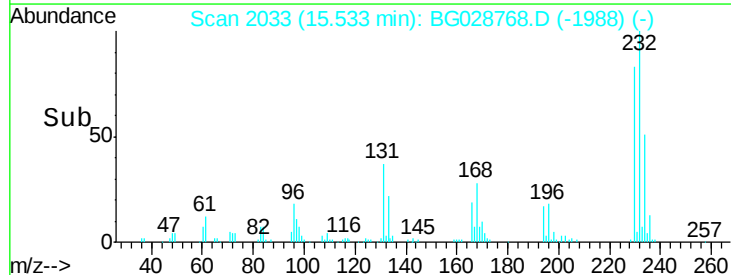
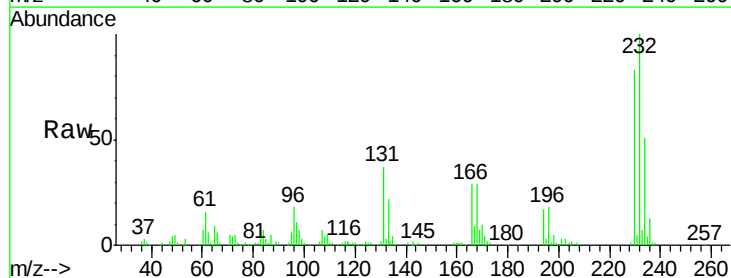
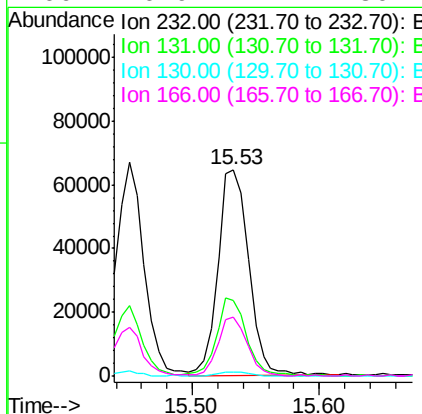
Manual Integrations  
 APPROVED

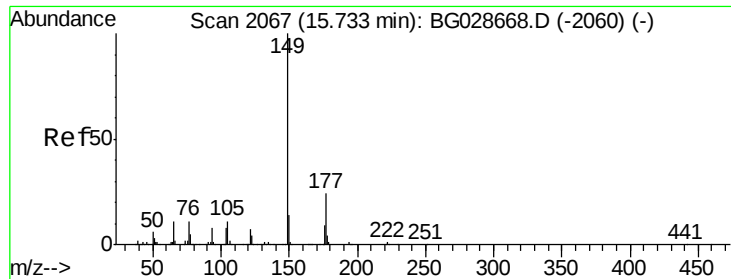
Sohil  
 9/18/2017 3:31:37 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.849 ng  
 RT: 15.53 min Scan# 2033  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 108427 |       |       |
| 131     | 36.4  |        | 34.9  | 52.3  |
| 130     | 2.1   |        | 2.3   | 3.5#  |
| 166     | 26.9  |        | 24.2  | 36.4  |





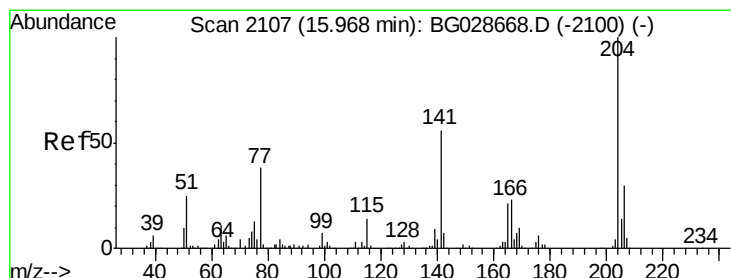
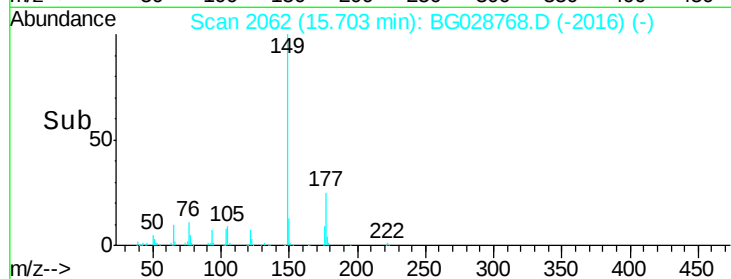
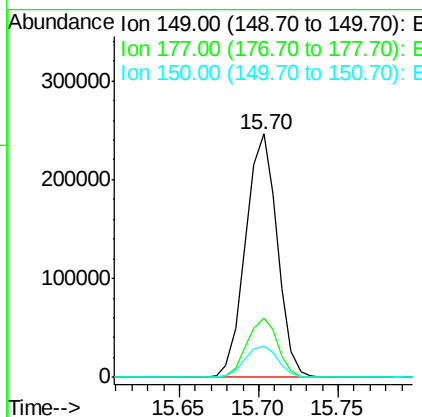
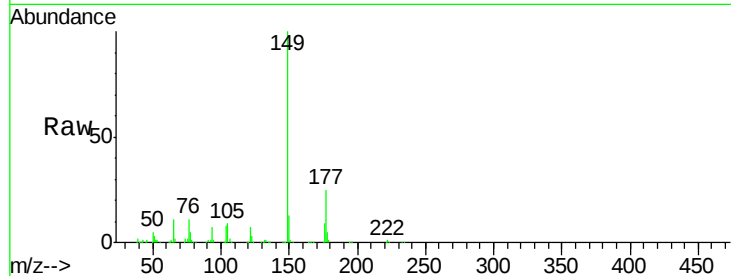
#59  
Diethylphthalate  
Concen: 43.700 ng  
RT: 15.70 min Scan# 2062  
Delta R.T. -0.03 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.5  | 20.1       | 30.1       |
| 150     | 12.6  | 10.2       | 15.2       |

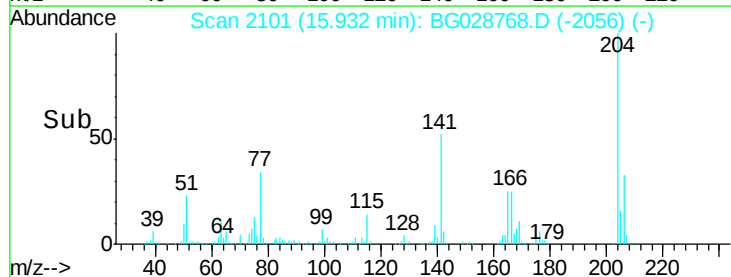
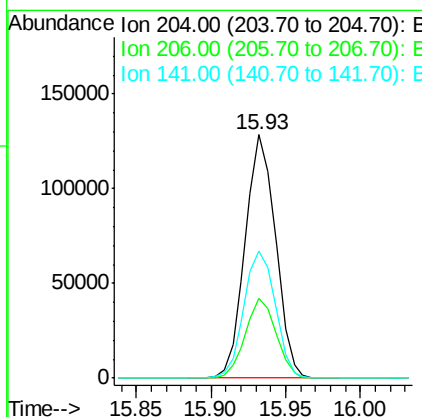
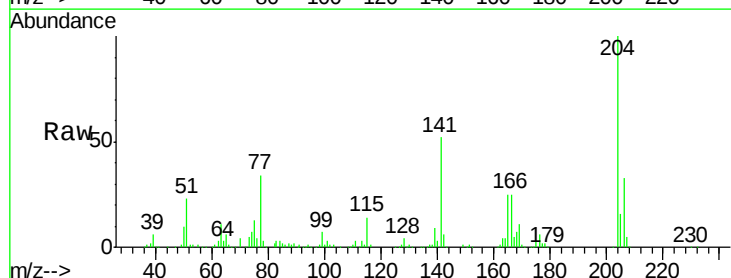
Manual Integrations  
APPROVED

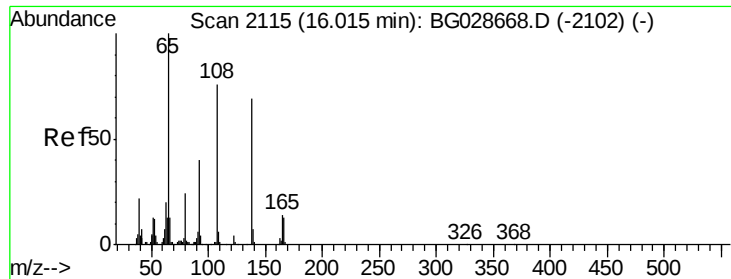
Sohil  
9/18/2017 3:31:37 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.132 ng  
RT: 15.93 min Scan# 2101  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 32.7  | 30.1       | 45.1       |
| 141     | 52.2  | 50.6       | 76.0       |





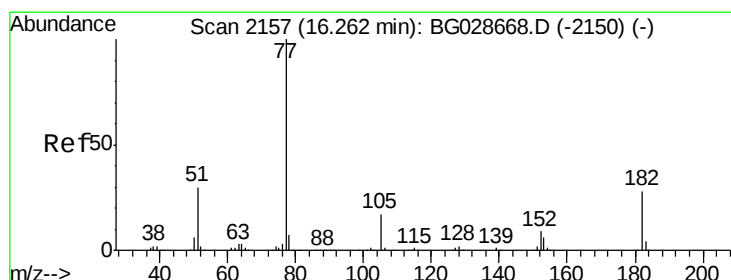
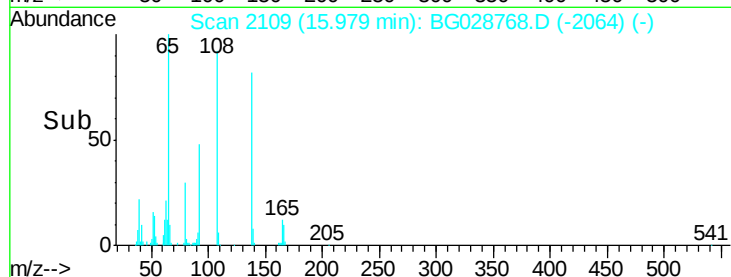
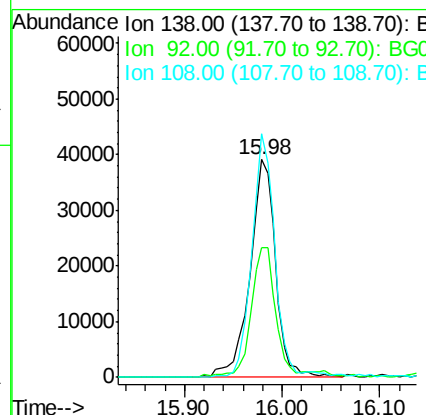
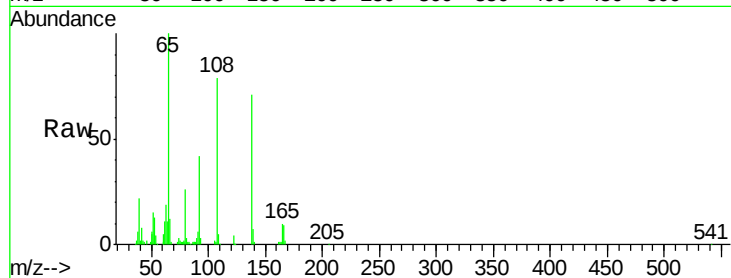
#61  
4-Nitroaniline  
Concen: 45.660 ng  
RT: 15.98 min Scan# 2109  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 59.8  | 44.2  | 84.2  |
| 108     | 112.0 | 104.8 | 144.8 |

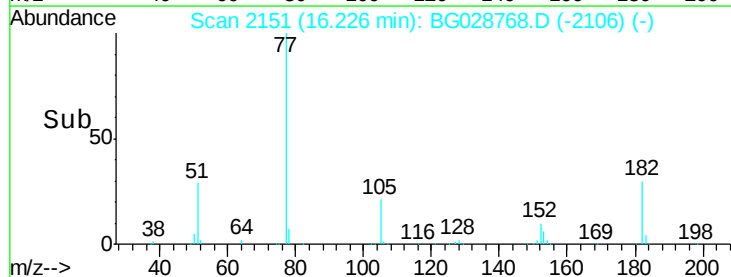
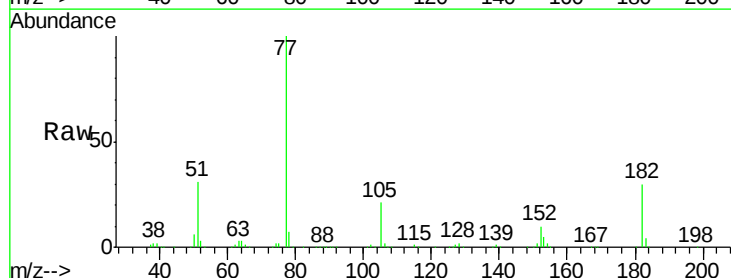
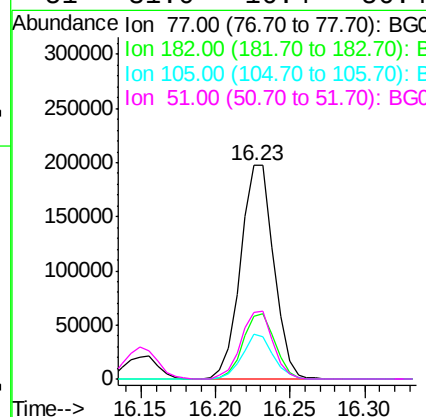
Manual Integrations  
APPROVED

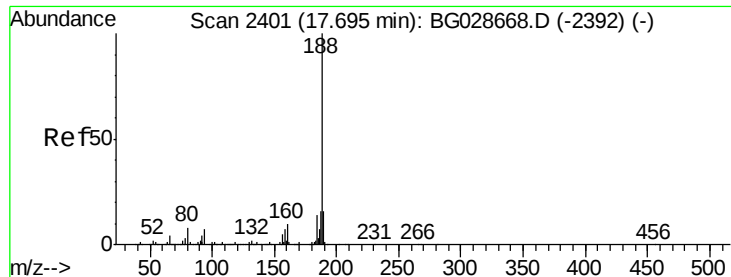
Sohil  
9/18/2017 3:31:37 PM



#62  
Azobenzene  
Concen: 46.547 ng  
RT: 16.23 min Scan# 2151  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.5  | 4.7   | 44.7  |
| 105     | 21.0  | 0.0   | 36.3  |
| 51      | 31.0  | 16.4  | 56.4  |





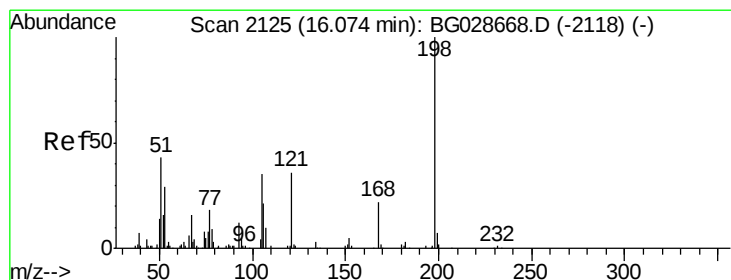
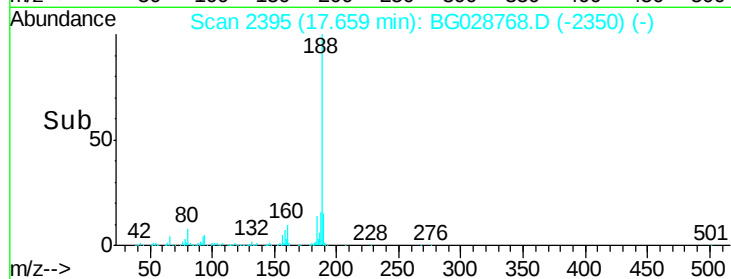
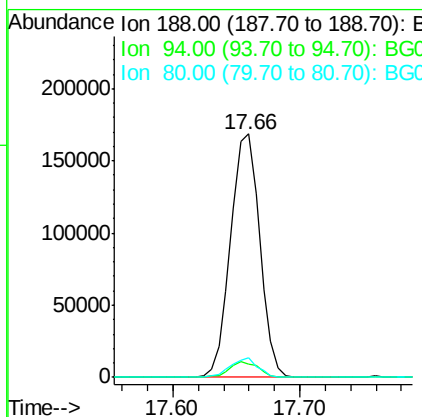
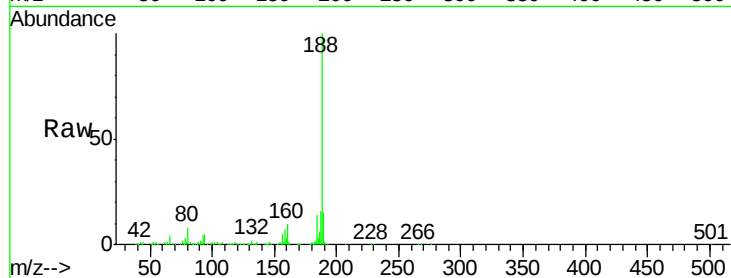
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.66 min Scan# 2395  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 5.5   | 5.8        | 8.8#       |
| 80      | 8.2   | 7.5        | 11.3       |

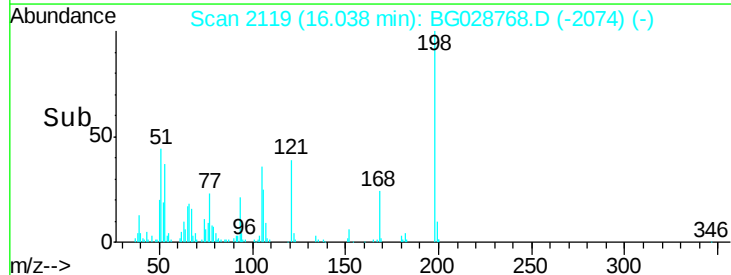
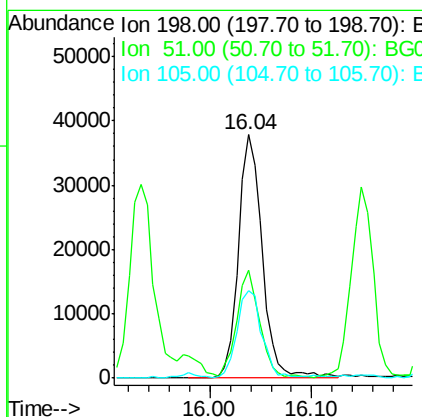
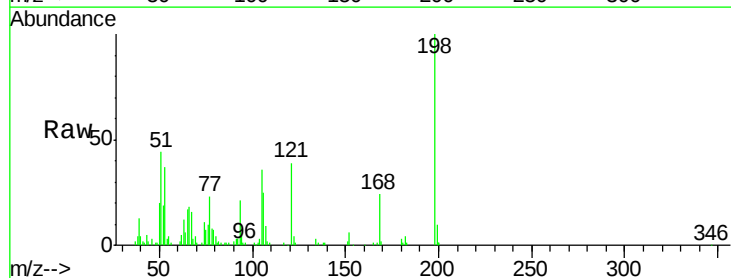
Manual Integrations  
APPROVED

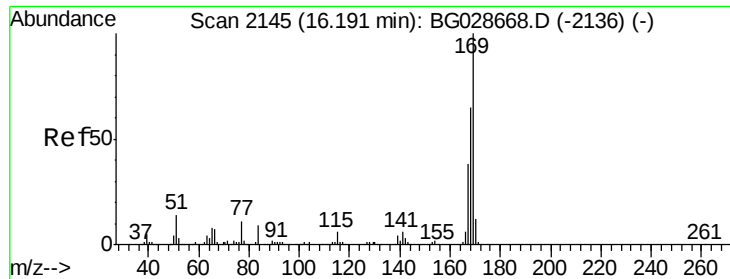
Sohil  
9/18/2017 3:31:37 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 35.824 ng  
RT: 16.04 min Scan# 2119  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 44.2  | 22.6       | 62.6       |
| 105     | 35.9  | 14.4       | 54.4       |





#65

n-Nitrosodiphenylamine

Concen: 37.915 ng

RT: 16.15 min Scan# 2138

Delta R.T. -0.04 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

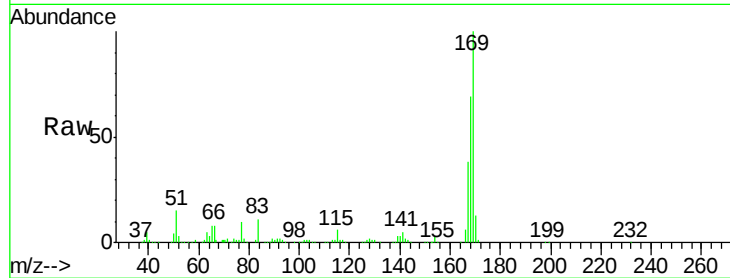
ClientSampleId :

PB102295BS

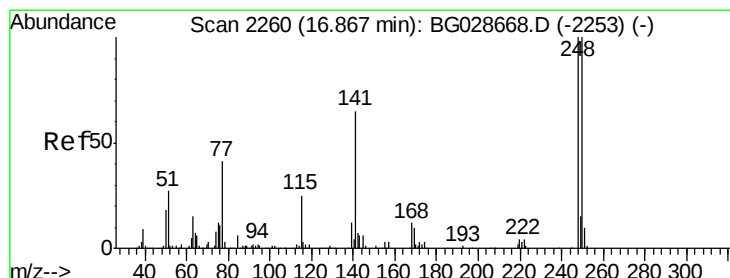
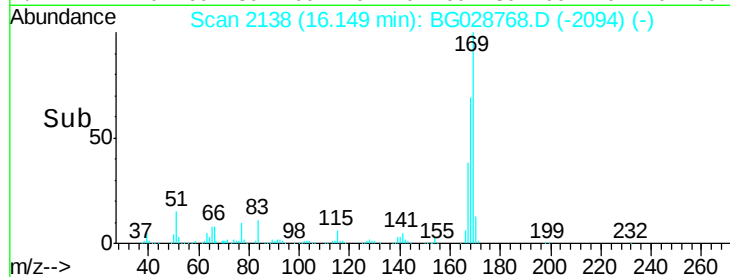
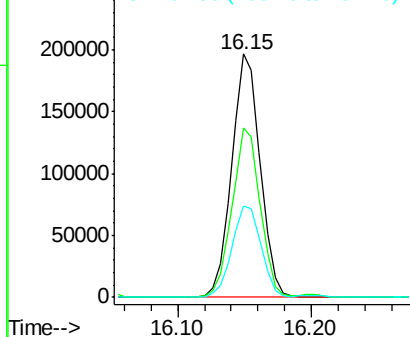
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 169  | Resp: | 291423 |
| Ion Ratio |      | Lower | Upper  |
| 169       | 100  |       |        |
| 168       | 69.4 | 55.7  | 83.5   |
| 167       | 37.5 | 29.8  | 44.6   |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.279 ng

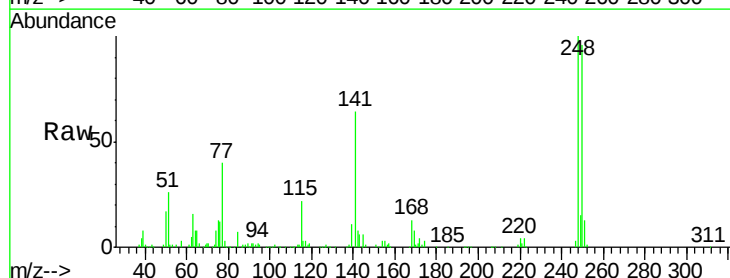
RT: 16.83 min Scan# 2254

Delta R.T. -0.04 min

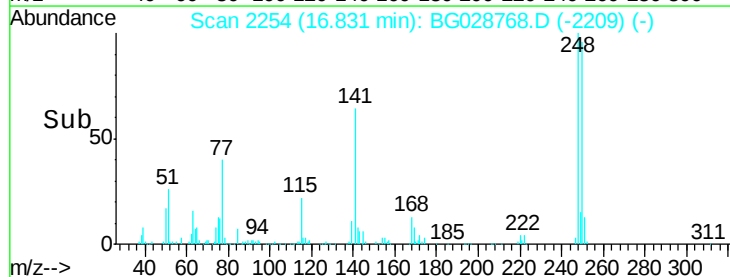
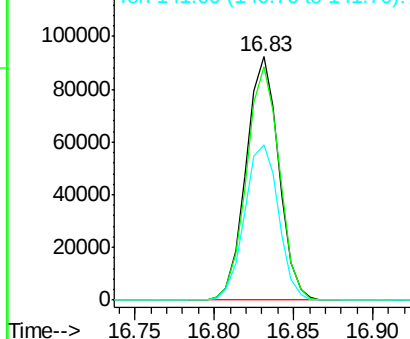
Lab File: BG028768.D

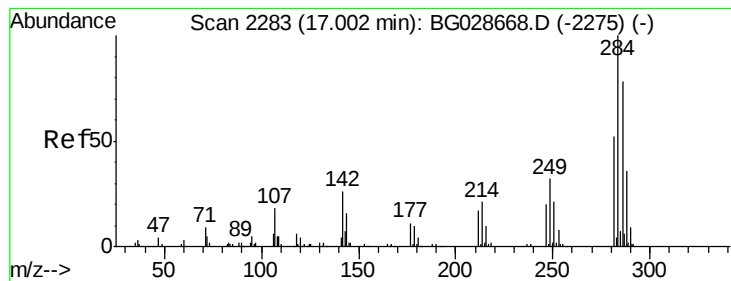
Acq: 15 Sep 2017 15:23

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 248  | Resp: | 132066 |
| Ion Ratio |      | Lower | Upper  |
| 248       | 100  |       |        |
| 250       | 95.9 | 75.0  | 112.6  |
| 141       | 63.6 | 55.2  | 82.8   |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





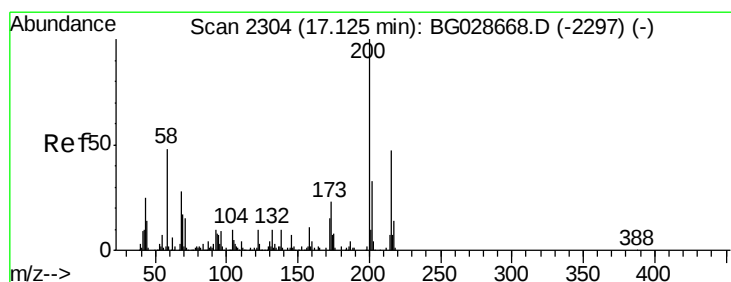
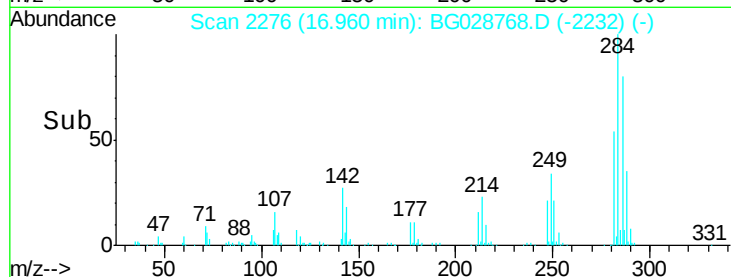
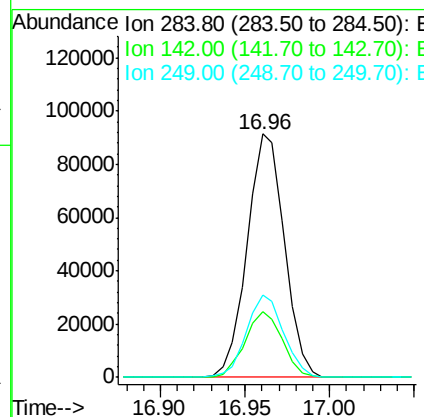
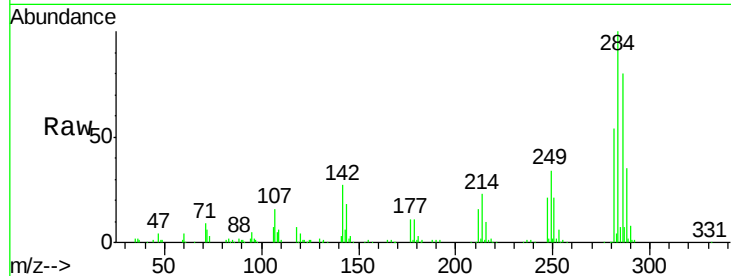
#67  
Hexachlorobenzene  
Concen: 35.709 ng  
RT: 16.96 min Scan# 2276  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 27.2  | 29.9       | 44.9#      |
| 249     | 33.6  | 29.2       | 43.8       |

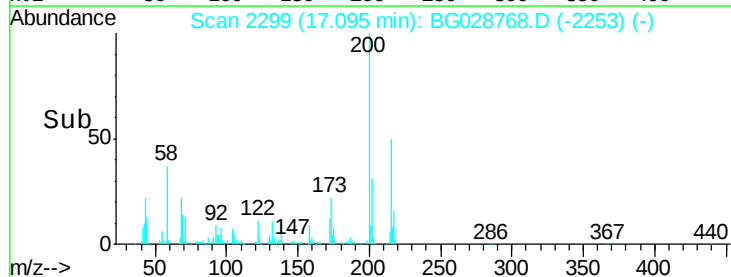
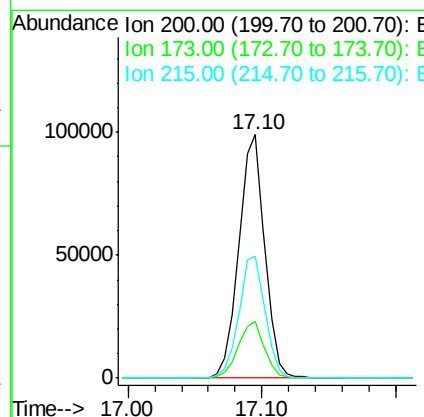
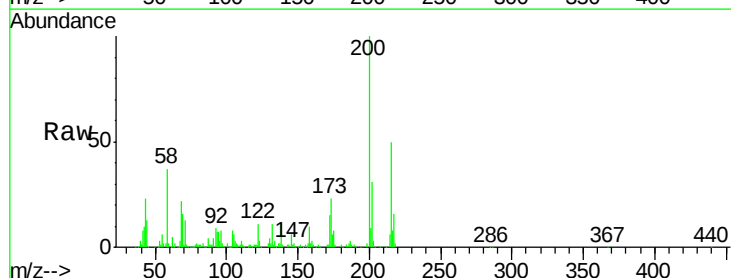
Manual Integrations  
APPROVED

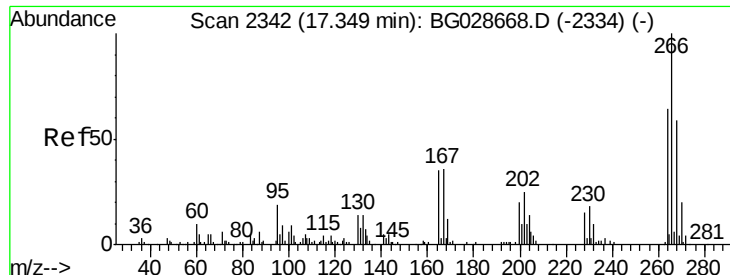
Sohil  
9/18/2017 3:31:37 PM



#68  
Atrazine  
Concen: 40.438 ng  
RT: 17.10 min Scan# 2299  
Delta R.T. -0.03 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 23.3  | 3.0        | 43.0       |
| 215     | 50.3  | 28.4       | 68.4       |





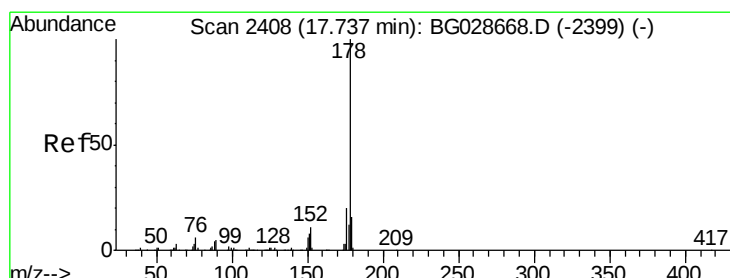
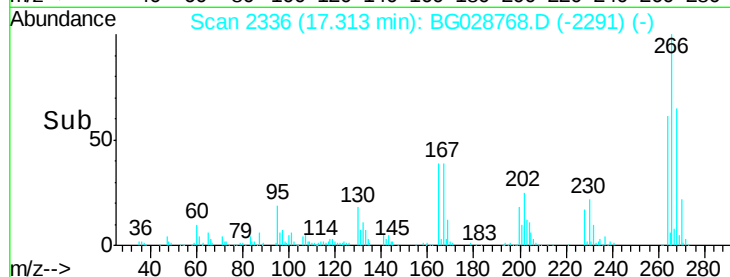
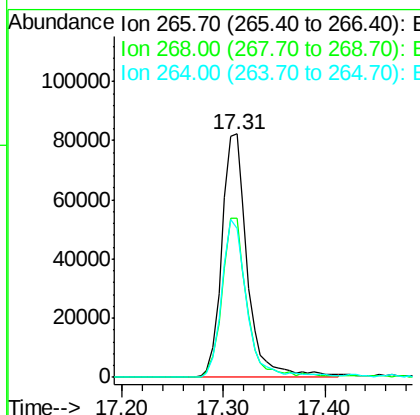
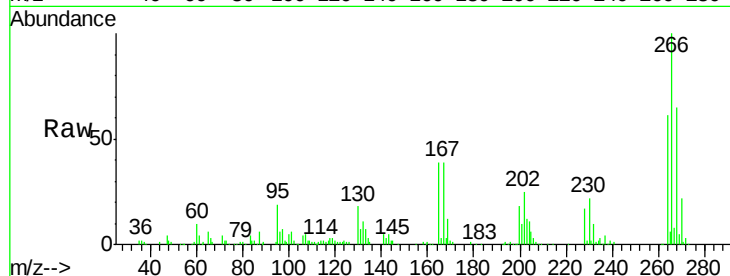
#69  
 Pentachlorophenol  
 Concen: 80.881 ng  
 RT: 17.31 min Scan# 2336  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 143496 |       |       |
| 268     | 65.3  | 48.6   | 72.8  |       |
| 264     | 61.3  | 50.1   | 75.1  |       |

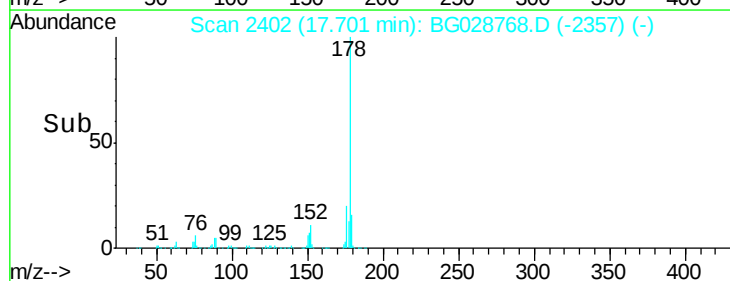
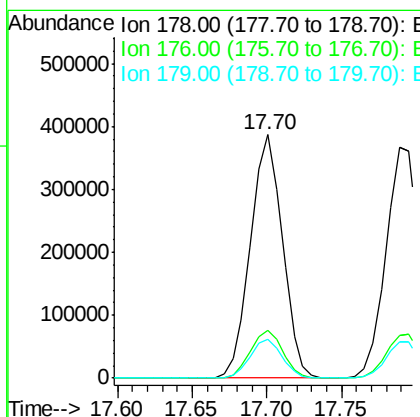
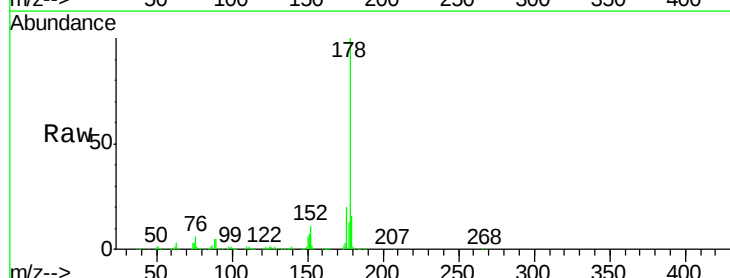
Manual Integrations  
 APPROVED

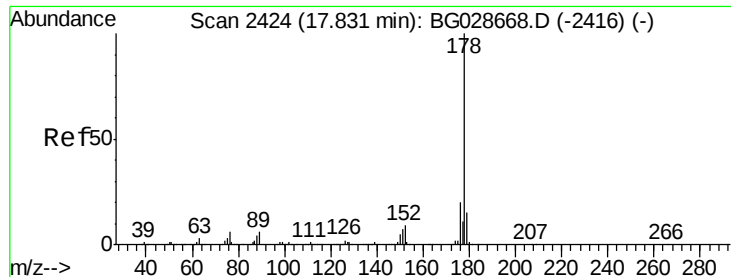
Sohil  
 9/18/2017 3:31:37 PM



#70  
 Phenanthrene  
 Concen: 41.810 ng  
 RT: 17.70 min Scan# 2402  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 573270 |       |       |
| 176     | 19.7  | 17.7   | 26.5  |       |
| 179     | 15.8  | 15.0   | 22.6  |       |





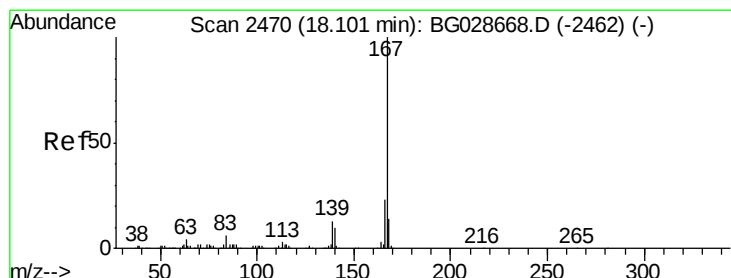
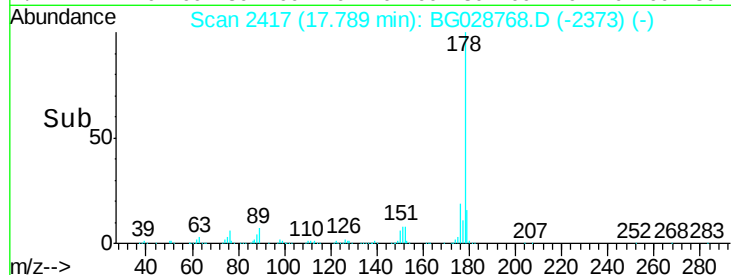
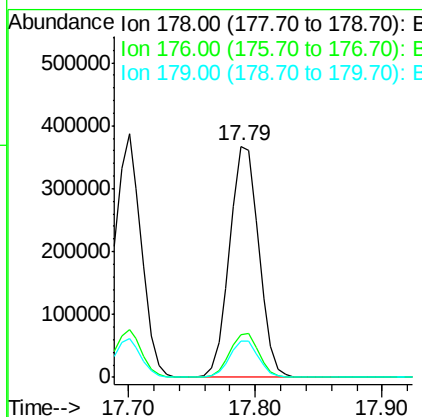
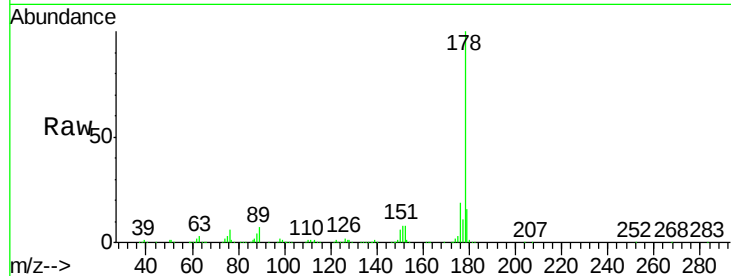
#71  
 Anthracene  
 Concen: 42.059 ng  
 RT: 17.79 min Scan# 2417  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 582558 |       |       |
| 176     | 18.6  | 16.4   | 24.6  |       |
| 179     | 15.8  | 13.8   | 20.8  |       |

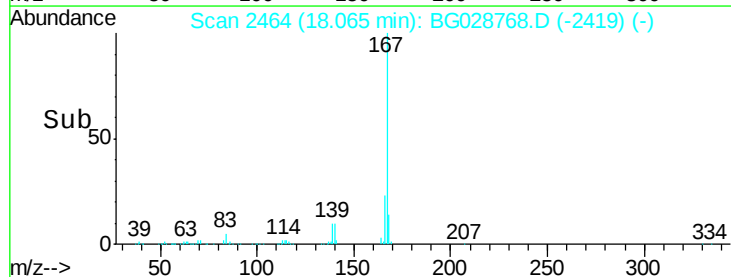
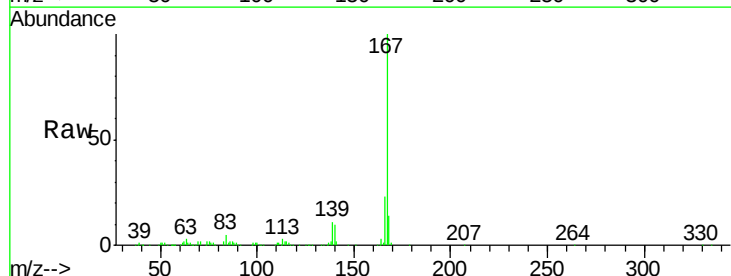
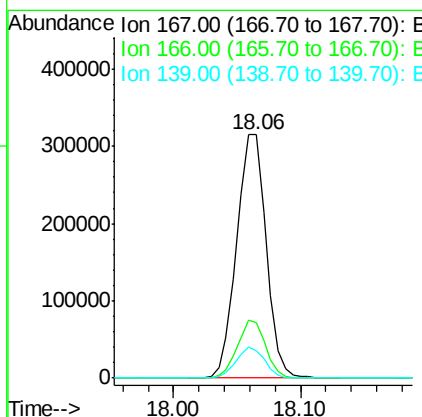
Manual Integrations  
 APPROVED

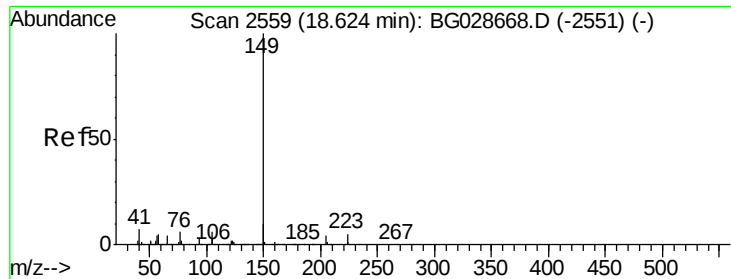
Sohil  
 9/18/2017 3:31:37 PM



#72  
 Carbazole  
 Concen: 40.825 ng  
 RT: 18.06 min Scan# 2464  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 509272 |       |       |
| 166     | 22.6  | 20.2   | 30.2  |       |
| 139     | 11.3  | 12.8   | 19.2  |       |





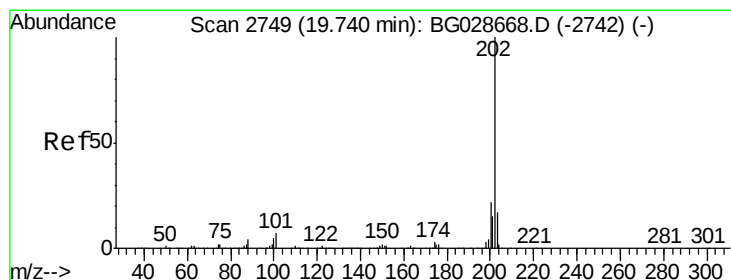
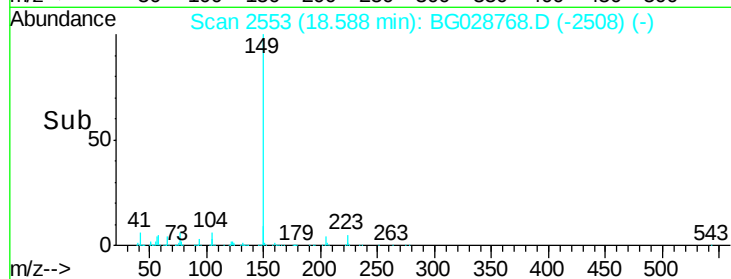
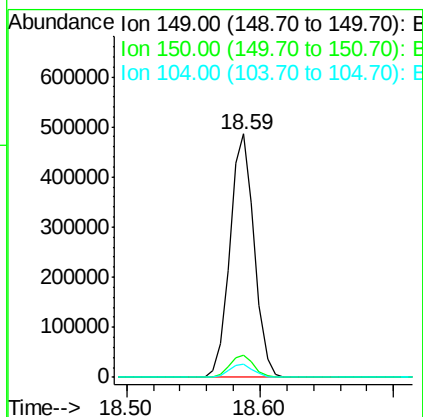
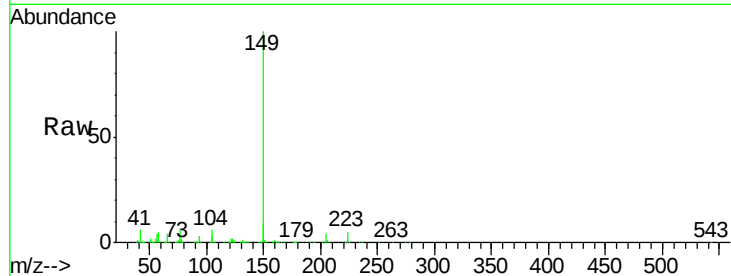
#73  
Di-n-butylphthalate  
Concen: 40.326 ng  
RT: 18.59 min Scan# 2553  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 9.1   | 9.1        | 13.7#      |
| 104     | 5.7   | 6.7        | 10.1#      |

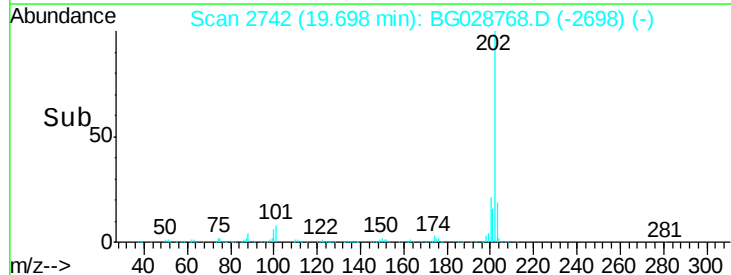
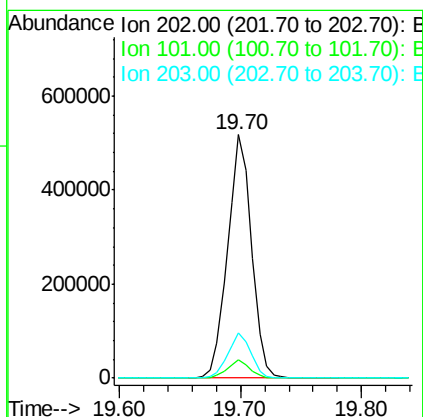
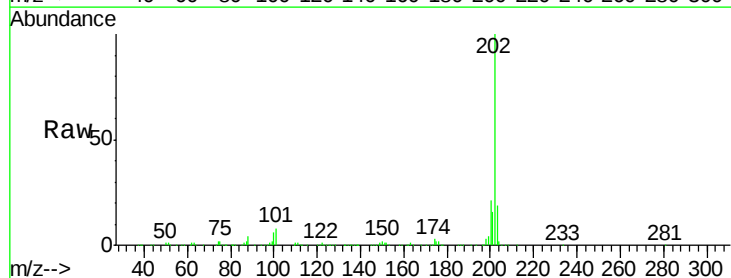
Manual Integrations  
APPROVED

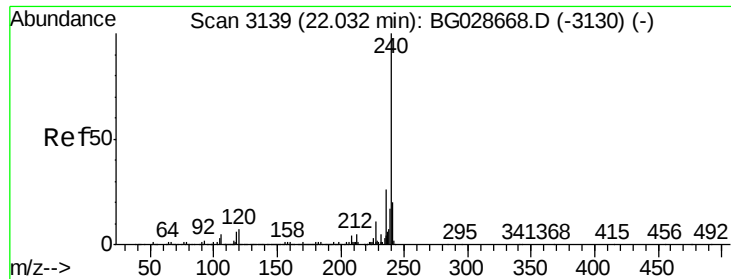
Sohil  
9/18/2017 3:31:37 PM



#74  
Fluoranthene  
Concen: 42.429 ng  
RT: 19.70 min Scan# 2742  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 7.5   | 0.0        | 30.1       |
| 203     | 18.6  | 1.3        | 41.3       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

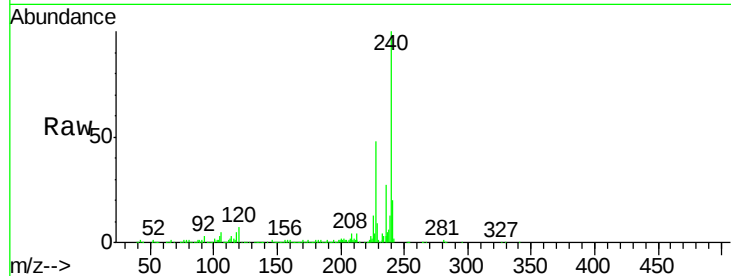
ClientSampleId :

PB102295BS

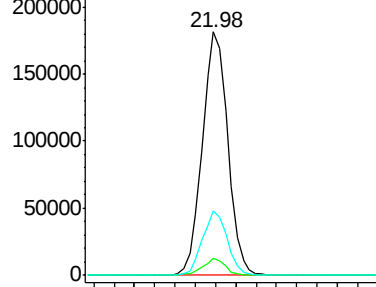
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:240 | Resp: | 315462 |
| Ion | Ratio   | Lower | Upper  |
| 240 | 100     |       |        |
| 120 | 7.0     | 5.7   | 8.5    |
| 236 | 26.5    | 22.2  | 33.4   |

Manual Integrations  
APPROVED

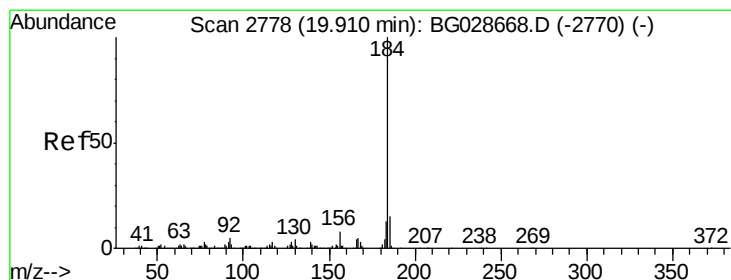
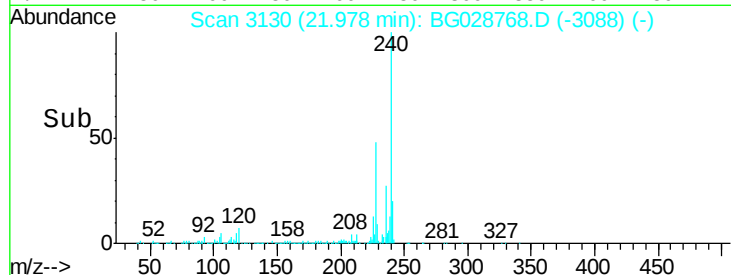
Sohil  
9/18/2017 3:31:37 PM



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 31.205 ng

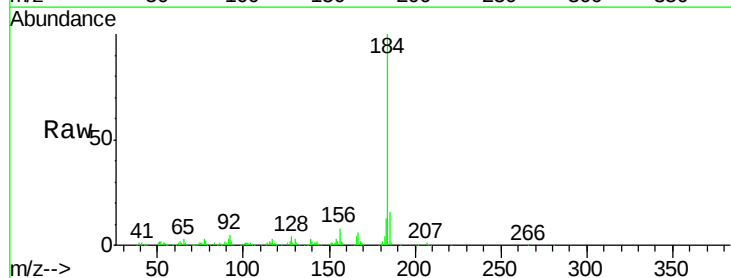
RT: 19.87 min Scan# 2771

Delta R.T. -0.04 min

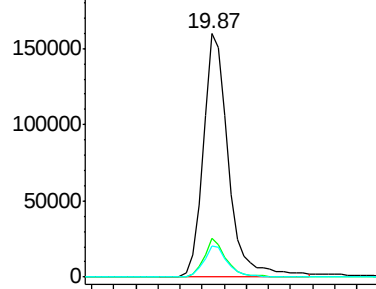
Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

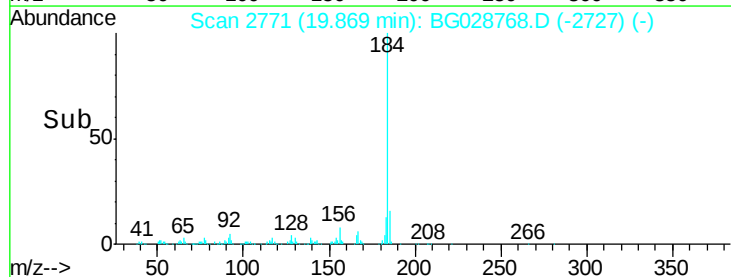
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:184 | Resp: | 255279 |
| Ion | Ratio   | Lower | Upper  |
| 184 | 100     |       |        |
| 185 | 15.8    | 13.0  | 19.6   |
| 183 | 12.9    | 11.0  | 16.6   |

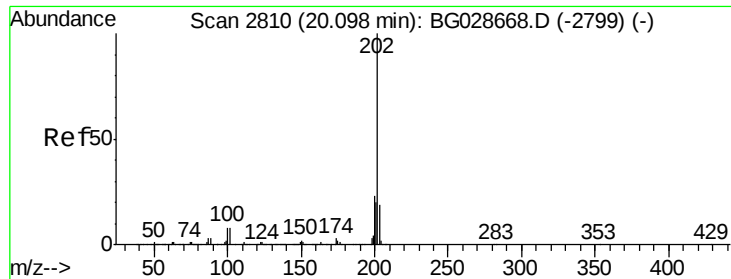


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



Time-->





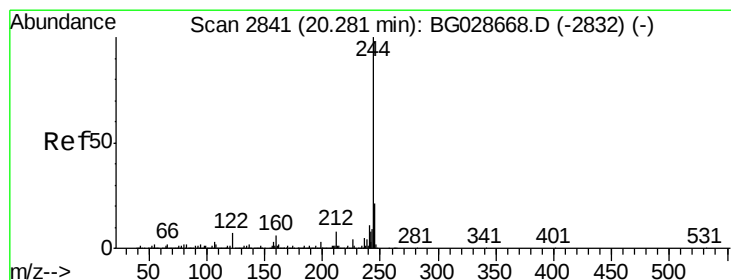
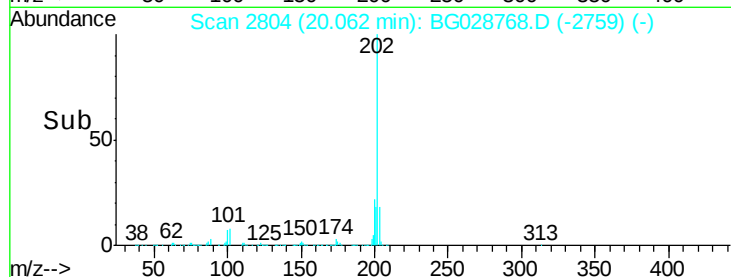
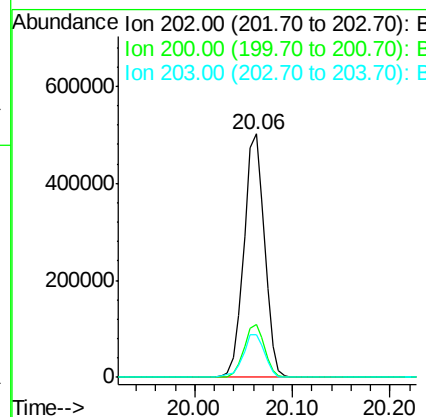
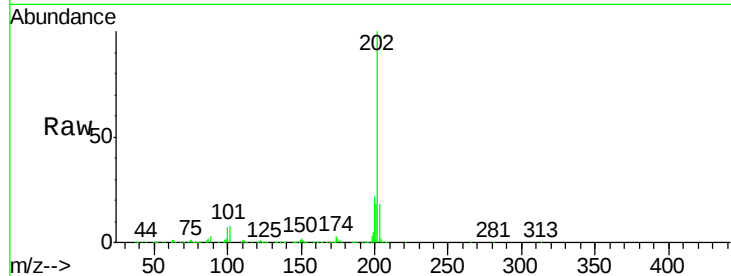
#77  
 Pyrene  
 Concen: 40.568 ng  
 RT: 20.06 min Scan# 2804  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.9  | 19.6       | 29.4       |
| 203     | 17.6  | 15.8       | 23.8       |

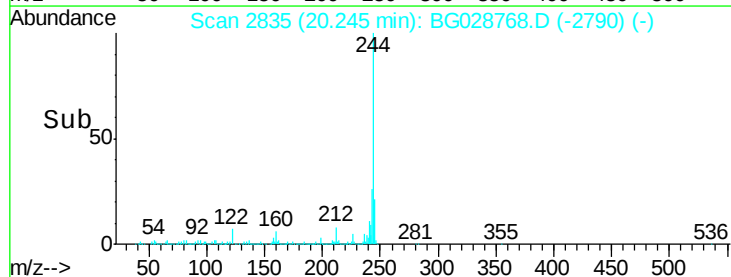
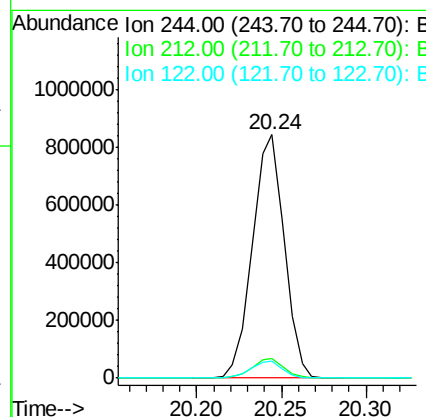
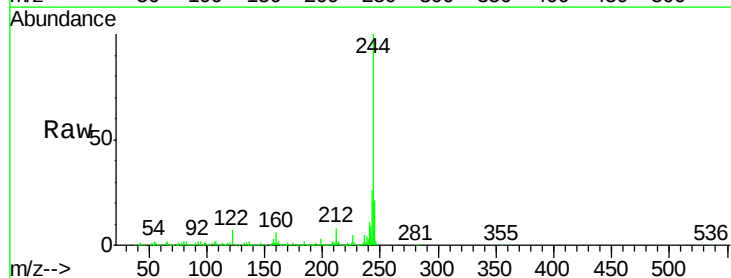
Manual Integrations  
 APPROVED

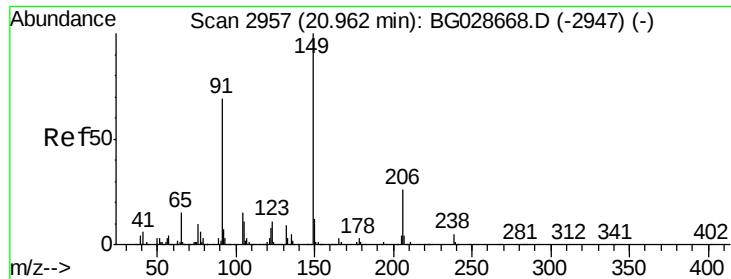
Sohil  
 9/18/2017 3:31:37 PM



#78  
 Terphenyl-d14  
 Concen: 74.916 ng  
 RT: 20.24 min Scan# 2835  
 Delta R.T. -0.04 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 8.2   | 10.0       | 15.0#      |
| 122     | 7.1   | 8.6        | 12.8#      |





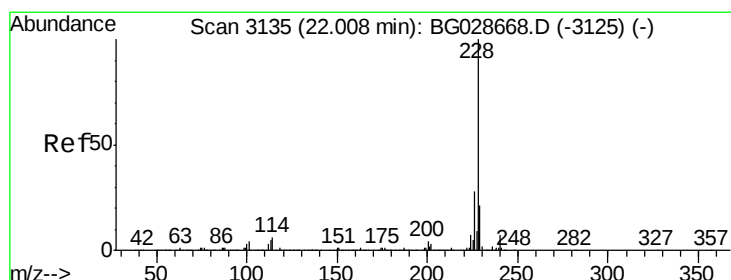
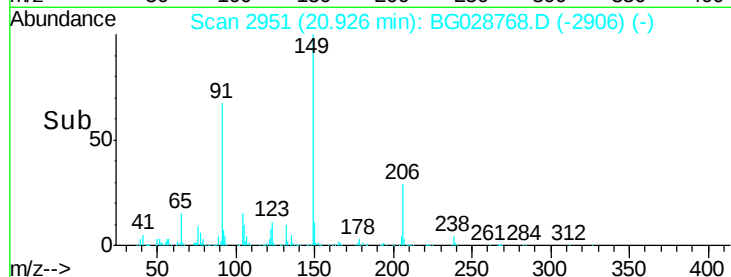
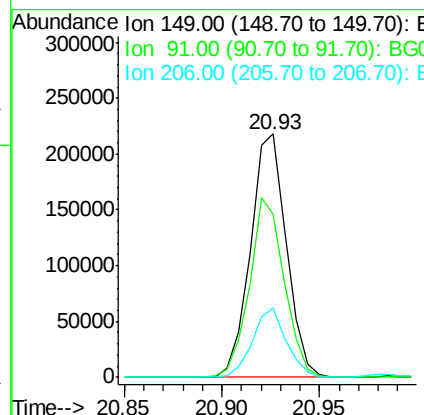
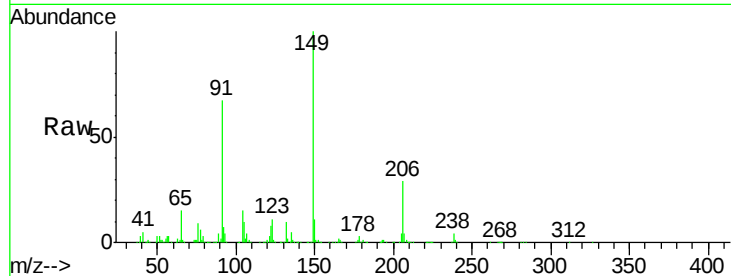
#79  
Butylbenzylphthalate  
Concen: 37.551 ng  
RT: 20.93 min Scan# 2951  
Delta R.T. -0.04 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 66.9  | 63.5       | 95.3       |
| 206     | 28.6  | 21.0       | 31.6       |

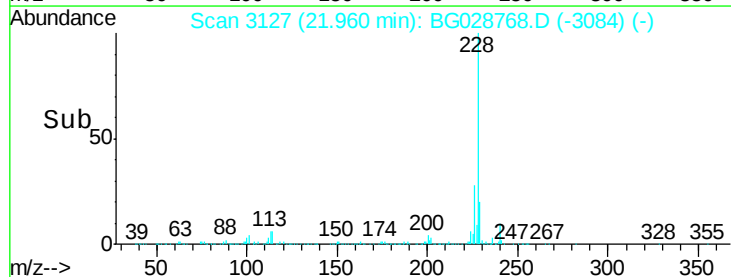
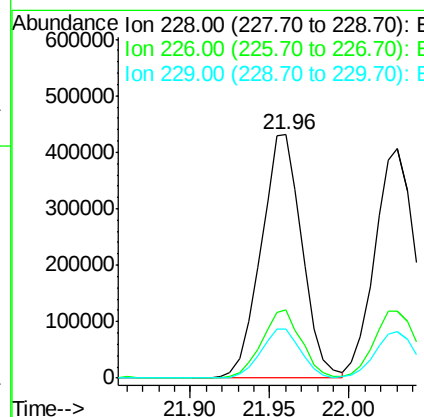
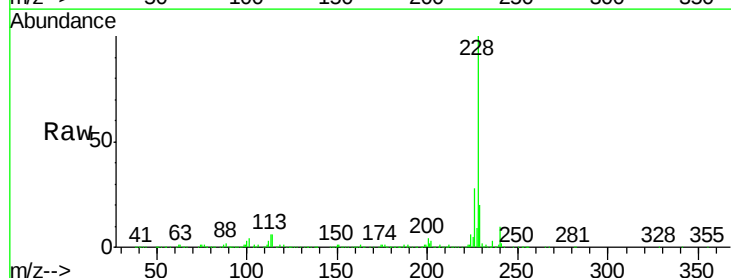
Manual Integrations  
APPROVED

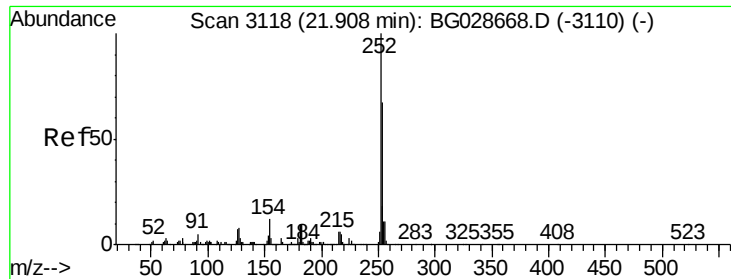
Sohil  
9/18/2017 3:31:37 PM



#80  
Benzo(a)anthracene  
Concen: 40.650 ng  
RT: 21.96 min Scan# 3127  
Delta R.T. -0.05 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 28.1  | 24.9       | 37.3       |
| 229     | 20.4  | 18.2       | 27.2       |





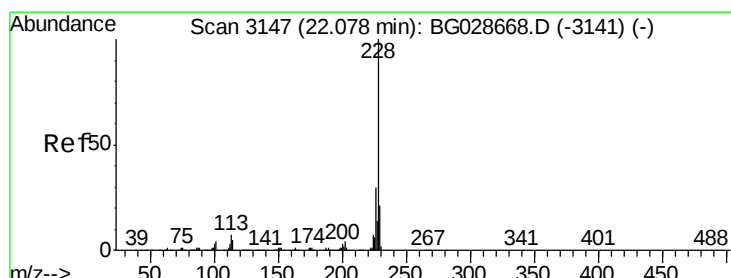
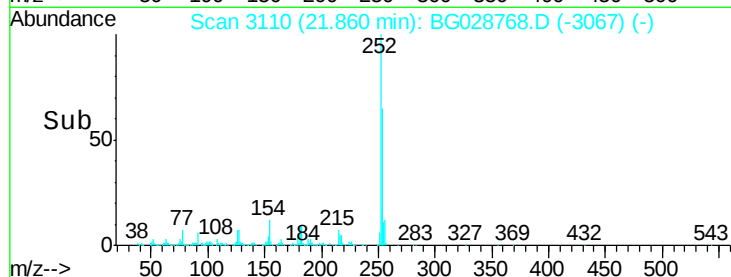
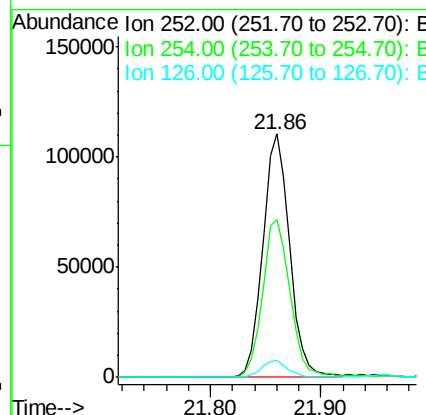
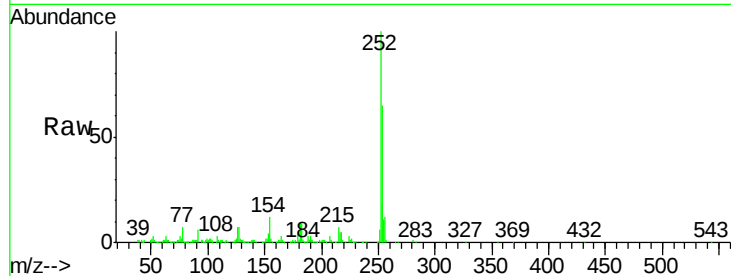
#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.453 ng  
 RT: 21.86 min Scan# 3110  
 Delta R.T. -0.05 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB102295BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.9  | 53.1       | 79.7       |
| 126     | 7.2   | 7.0        | 10.4       |

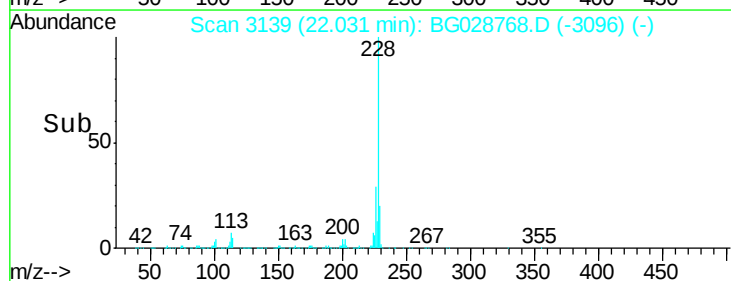
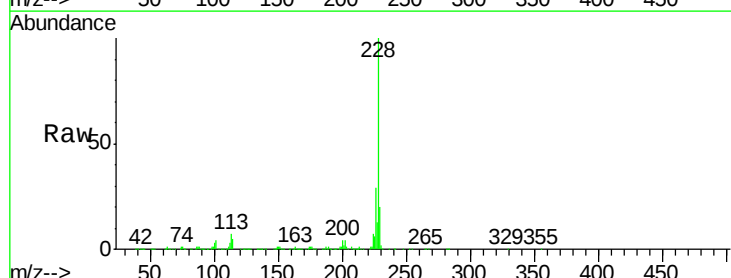
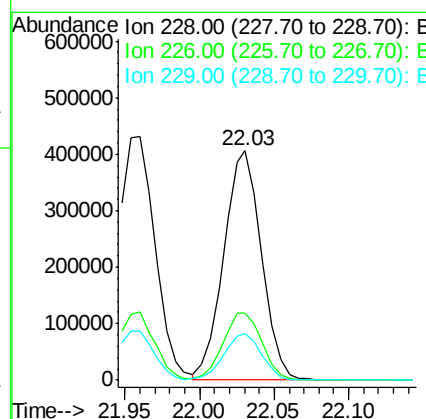
Manual Integrations  
 APPROVED

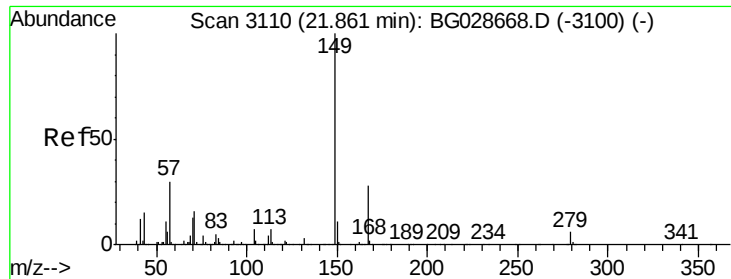
Sohil  
 9/18/2017 3:31:37 PM



#82  
 Chrysene  
 Concen: 39.640 ng  
 RT: 22.03 min Scan# 3139  
 Delta R.T. -0.05 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.2  | 27.0       | 40.4       |
| 229     | 20.1  | 17.8       | 26.6       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.545 ng

RT: 21.81 min Scan# 3102

Delta R.T. -0.05 min

Lab File: BG028768.D

Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

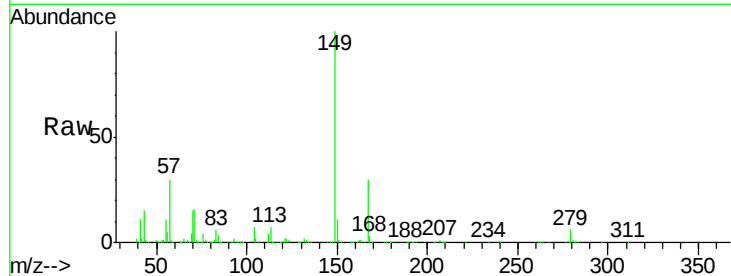
ClientSampleId :

PB102295BS

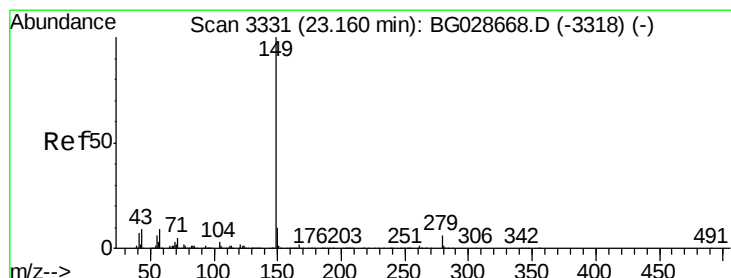
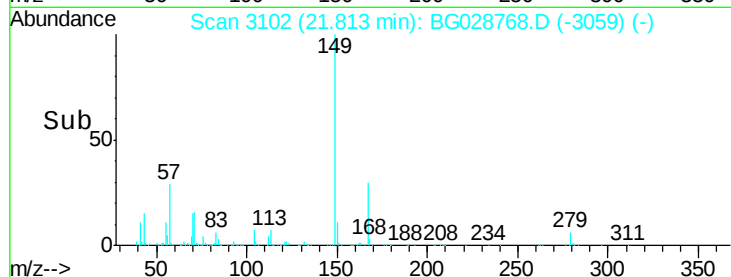
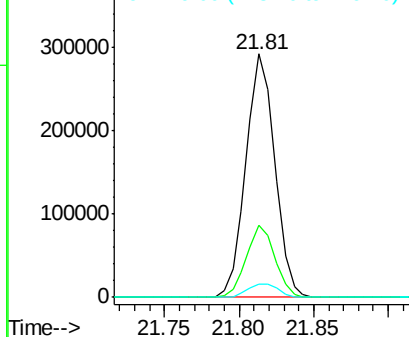
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 392250 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 29.8 | 23.7  | 35.5   |
| 279       | 5.5  | 4.6   | 6.8    |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM



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: 37.037 ng

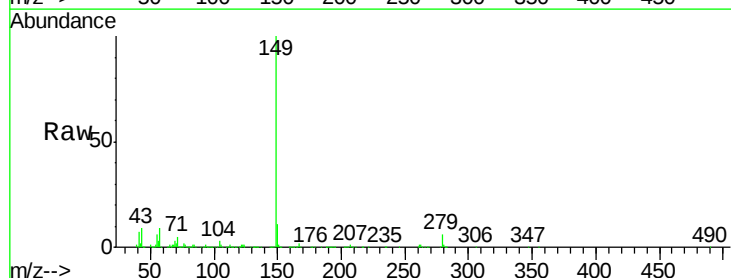
RT: 23.10 min Scan# 3321

Delta R.T. -0.06 min

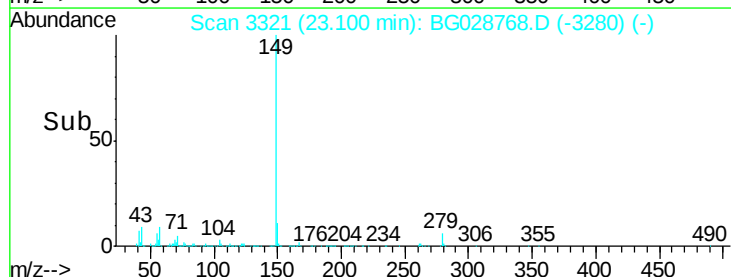
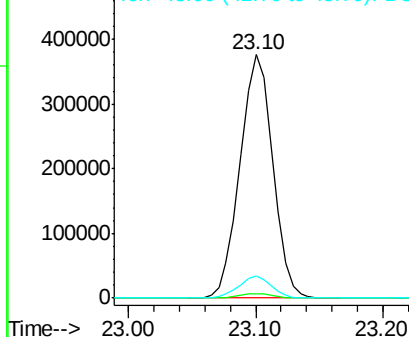
Lab File: BG028768.D

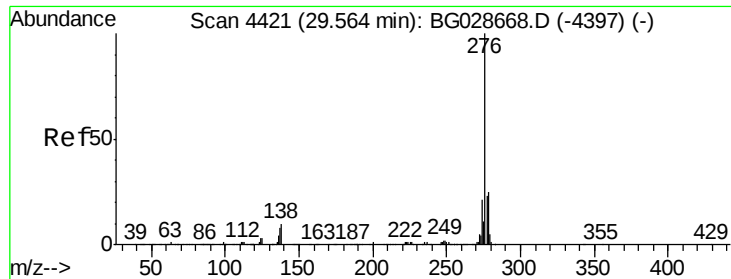
Acq: 15 Sep 2017 15:23

|           |     |       |        |
|-----------|-----|-------|--------|
| Tgt Ion:  | 149 | Resp: | 676064 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.7 | 1.4   | 2.2    |
| 43        | 9.0 | 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





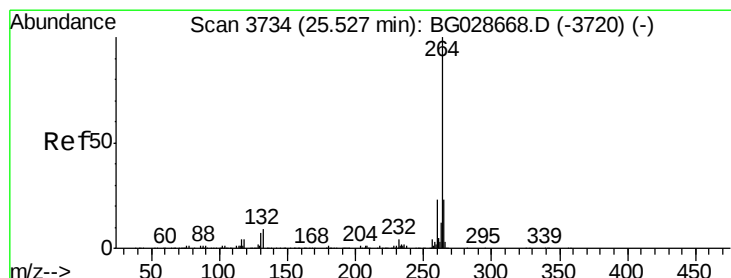
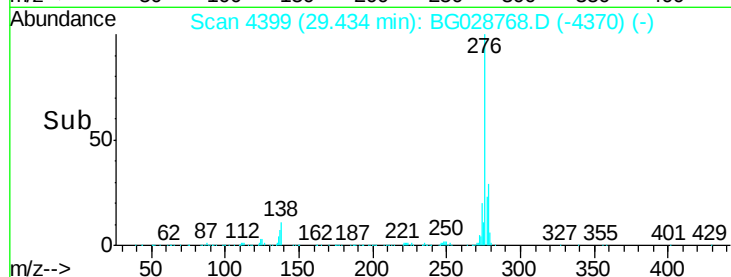
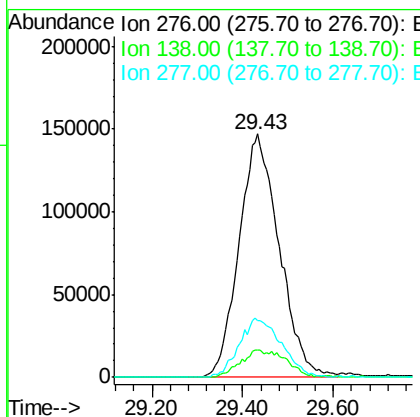
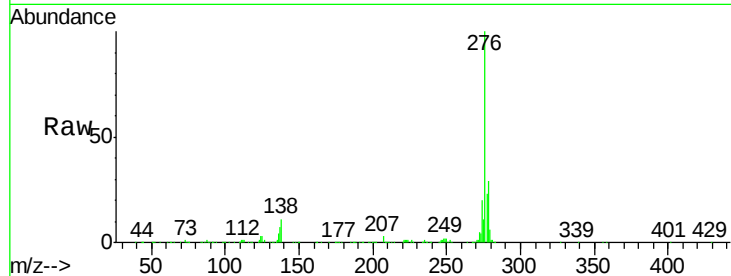
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.089 ng  
 RT: 29.43 min Scan# 4399  
 Delta R.T. -0.13 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.6   | 4.7   | 7.1#  |
| 277     | 25.5  | 20.6  | 31.0  |

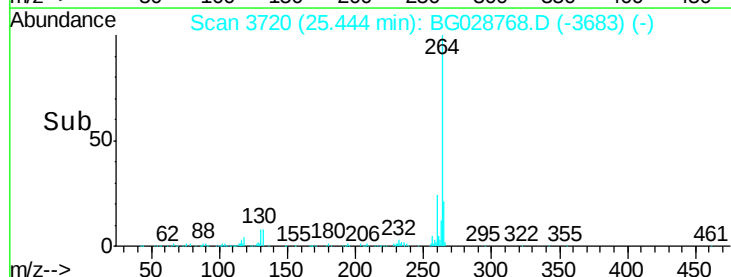
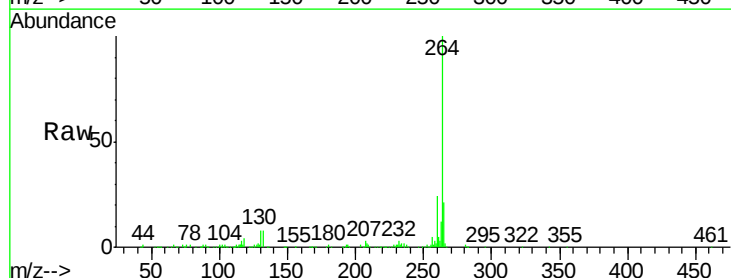
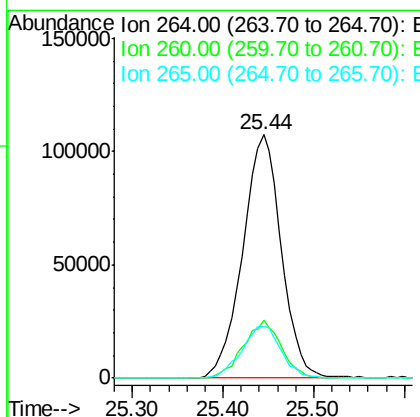
Manual Integrations  
 APPROVED

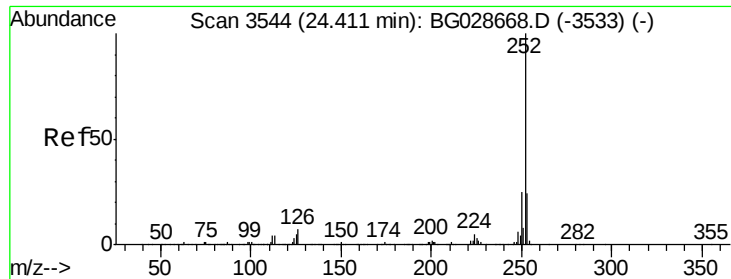
Sohil  
 9/18/2017 3:31:37 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.44 min Scan# 3720  
 Delta R.T. -0.08 min  
 Lab File: BG028768.D  
 Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 21.8  | 32.8  |
| 265     | 21.3  | 18.2  | 27.4  |





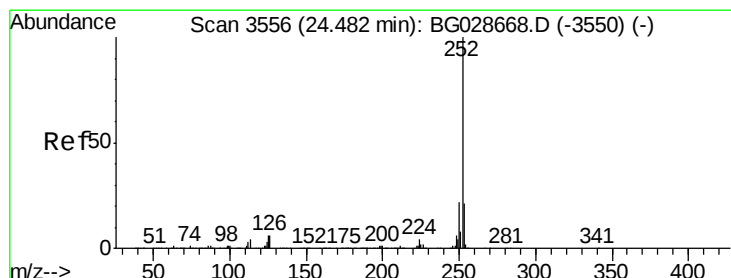
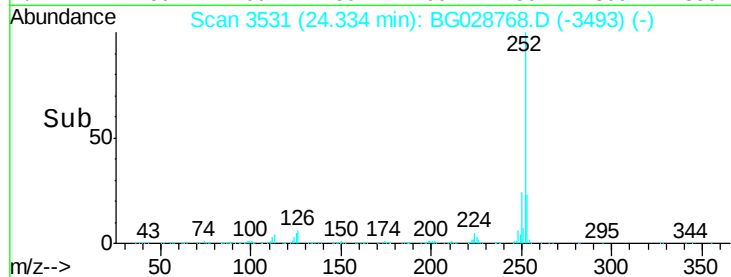
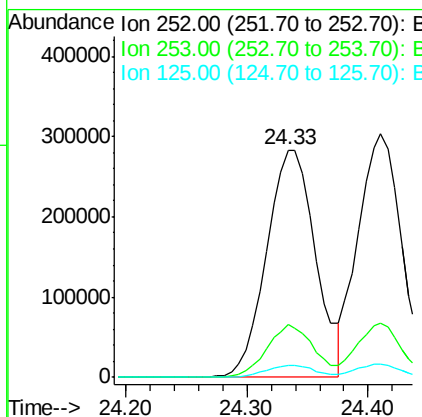
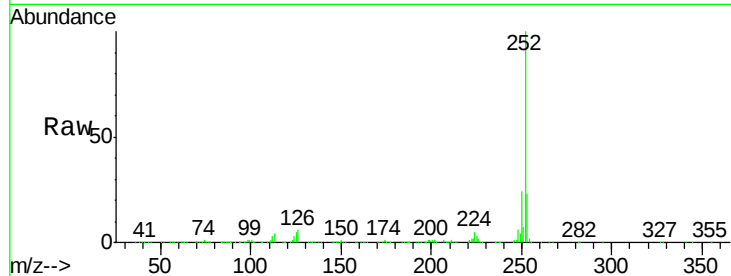
#87  
Benzo(b)fluoranthene  
Concen: 42.000 ng  
RT: 24.33 min Scan# 3531  
Delta R.T. -0.08 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.7  | 28.1  |
| 125     | 5.2   | 5.3   | 7.9   |

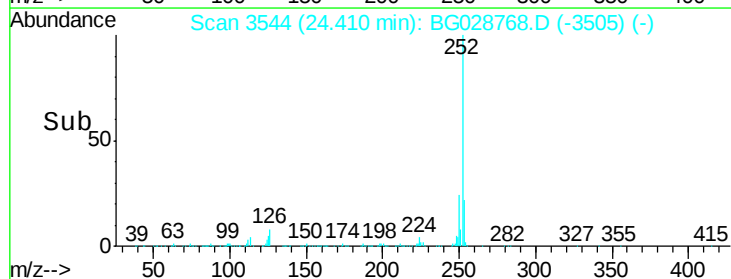
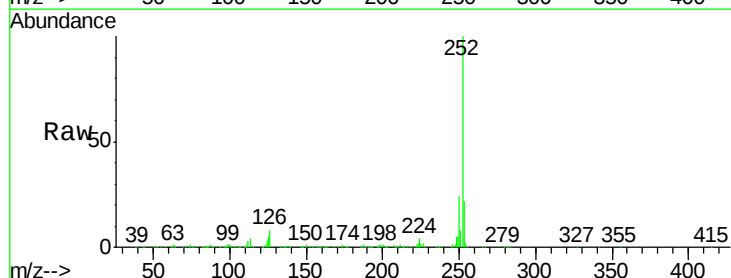
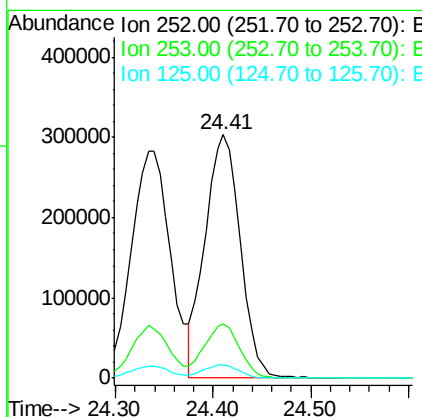
Manual Integrations  
APPROVED

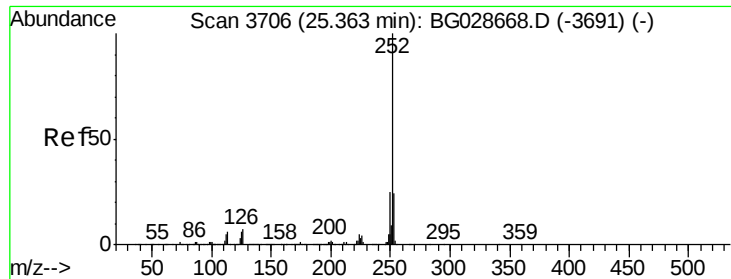
Sohil  
9/18/2017 3:31:37 PM



#88  
Benzo(k)fluoranthene  
Concen: 39.805 ng  
RT: 24.41 min Scan# 3544  
Delta R.T. -0.07 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 20.2  | 30.2  |
| 125     | 5.2   | 5.1   | 7.7   |





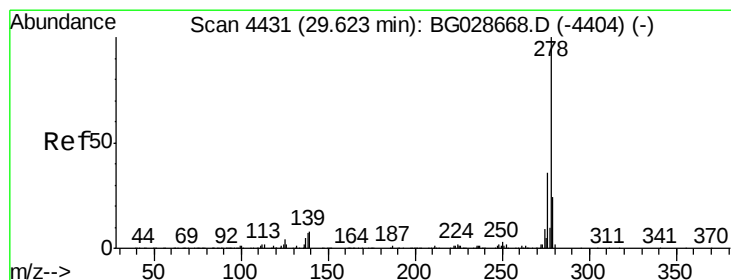
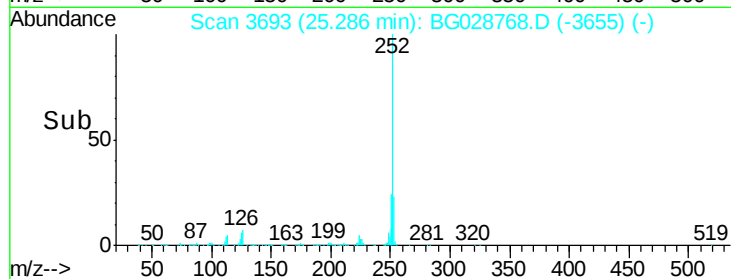
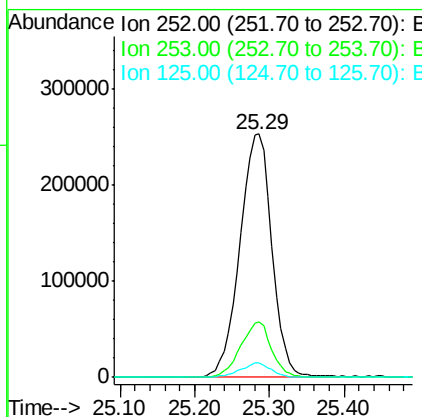
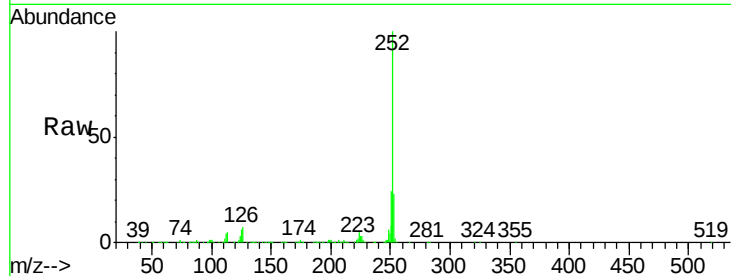
#89  
Benzo(a)pyrene  
Concen: 42.010 ng  
RT: 25.29 min Scan# 3693  
Delta R.T. -0.08 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

Instrument :  
BNA\_G  
ClientSampleId :  
PB102295BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 19.2  | 28.8  |
| 125     | 6.2   | 5.4   | 8.0   |

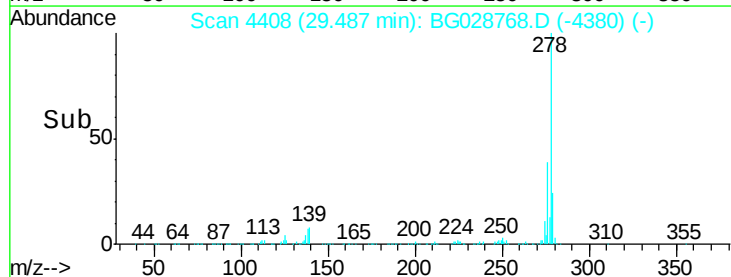
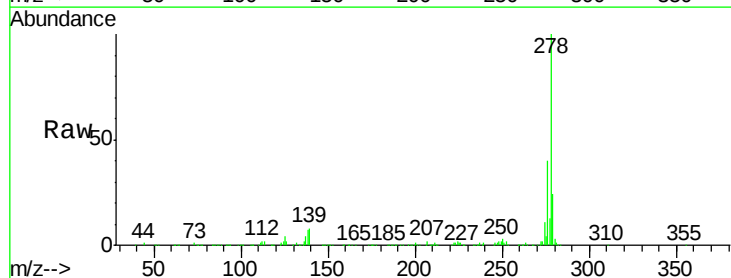
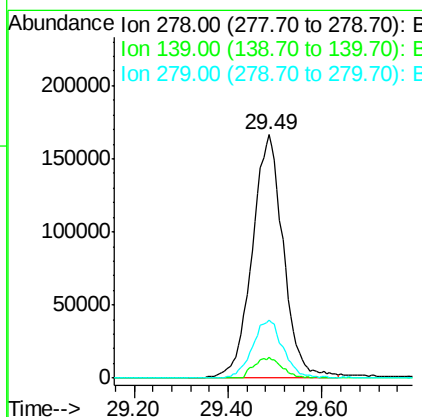
Manual Integrations  
APPROVED

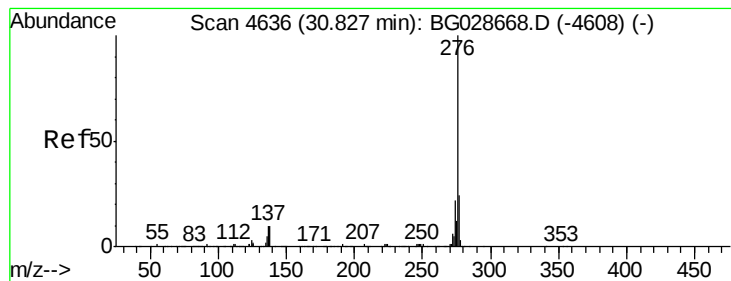
Sohil  
9/18/2017 3:31:37 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 40.978 ng  
RT: 29.49 min Scan# 4408  
Delta R.T. -0.14 min  
Lab File: BG028768.D  
Acq: 15 Sep 2017 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.5   | 7.7   | 11.5  |
| 279     | 23.7  | 19.1  | 28.7  |





#91

Benzo(g,h,i)perylene

Concen: 40.903 ng

RT: 30.69 min Scan# 4612

Delta R.T. -0.14 min

Lab File: BG028768.D

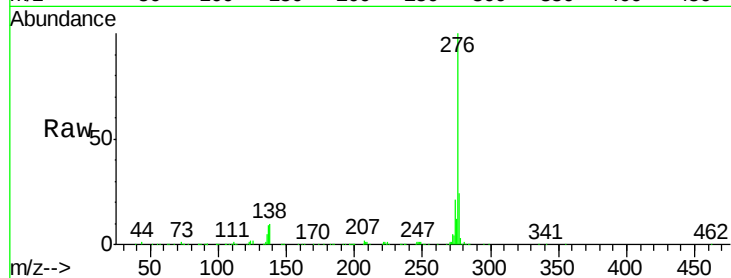
Acq: 15 Sep 2017 15:23

Instrument :

BNA\_G

ClientSampleId :

PB102295BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 748565 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.2  | 18.6  | 27.8   |
| 138       | 9.7   | 8.1   | 12.1   |

Manual Integrations  
APPROVED

Sohil  
9/18/2017 3:31:37 PM

