

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\  
 Data File : BG032853.D  
 Acq On : 27 Feb 2018 13:55  
 Operator : SJ/JU  
 Sample : J1395-04MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:01:27 PM

Quant Time: Feb 28 02:53:56 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 17:50:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.92  | 152  | 92241    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.81 | 136  | 401598   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.54 | 164  | 225813   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.26 | 188  | 485154   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.63 | 240  | 440452   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.43 | 264  | 475813   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.34  | 112 | 679587  | 117.87 | ng | 0.00 |
| 7) Phenol-d6             | 8.02  | 99  | 839330  | 104.44 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.13 | 82  | 565144  | 96.18  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 322371  | 135.77 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.17 | 172 | 1243519 | 79.42  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.78 | 244 | 1680364 | 85.71  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.98  | 88  | 87658  | 35.032 | ng | 88     |
| 3) Pyridine                    | 4.45  | 79  | 179395 | 26.012 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 4.34  | 42  | 122606 | 44.341 | ng | # 95   |
| 6) Aniline                     | 8.21  | 93  | 191310 | 17.587 | ng | 94     |
| 8) 2-Chlorophenol              | 8.47  | 128 | 280043 | 44.376 | ng | 92     |
| 9) Benzaldehyde                | 8.02  | 77  | 98672  | 21.303 | ng | 94     |
| 10) Phenol                     | 8.05  | 94  | 309849 | 38.247 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 8.30  | 93  | 265775 | 40.121 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 8.81  | 146 | 270335 | 36.574 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.96  | 146 | 274906 | 36.949 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 9.29  | 146 | 263433 | 36.948 | ng | 98     |
| 15) Benzyl Alcohol             | 9.16  | 79  | 243490 | 41.213 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.45  | 45  | 427111 | 37.506 | ng | 95     |
| 17) 2-Methylphenol             | 9.35  | 107 | 237977 | 39.837 | ng | 94     |
| 18) Hexachloroethane           | 10.05 | 117 | 99621  | 39.325 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 9.74  | 70  | 219462 | 38.682 | ng | # 96   |
| 20) 3+4-Methylphenols          | 9.69  | 107 | 326789 | 39.343 | ng | 94     |
| 22) Acetophenone               | 9.77  | 105 | 403448 | 39.779 | ng | # 93   |
| 24) Nitrobenzene               | 10.17 | 77  | 297069 | 46.599 | ng | 90     |
| 25) Isophorone                 | 10.69 | 82  | 607677 | 43.110 | ng | # 94   |
| 26) 2-Nitrophenol              | 10.90 | 139 | 144531 | 59.017 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.92 | 122 | 302127 | 49.340 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 11.17 | 93  | 369164 | 44.956 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 11.43 | 162 | 261502 | 47.053 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.66 | 180 | 254518 | 39.069 | ng | 96     |
| 31) Naphthalene                | 11.86 | 128 | 840347 | 40.045 | ng | 98     |
| 32) Benzoic acid               | 11.01 | 122 | 83668m | 28.070 | ng |        |
| 33) 4-Chloroaniline            | 11.95 | 127 | 147821 | 15.754 | ng | 93     |
| 34) Hexachlorobutadiene        | 12.12 | 225 | 134038 | 36.681 | ng | 95     |
| 35) Caprolactam                | 12.69 | 113 | 79330  | 35.649 | ng | # 80   |
| 36) 4-Chloro-3-methylphenol    | 13.00 | 107 | 309225 | 47.813 | ng | 91     |
| 37) 2-Methylnaphthalene        | 13.41 | 142 | 625617 | 41.207 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.76 | 216 | 262785 | 39.202 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.74 | 237 | 316790 | 92.730 | ng | 93     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\  
 Data File : BG032853.D  
 Acq On : 27 Feb 2018 13:55  
 Operator : SJ/JU  
 Sample : J1395-04MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

Manual Integrations  
 APPROVED

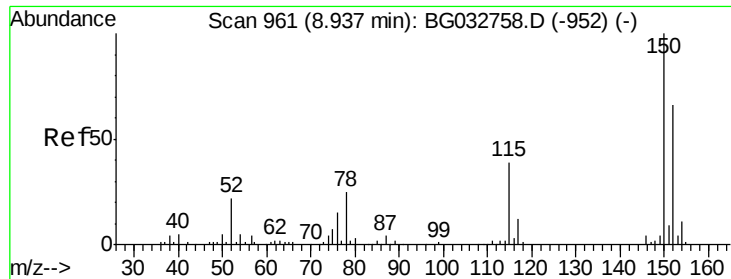
Sohil  
 2/28/2018 1:01:27 PM

Quant Time: Feb 28 02:53:56 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 17:50:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.98 | 196  | 201766   | 47.728 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 14.06 | 196  | 219643   | 44.892 | nq    | # 98     |
| 45) 1,1'-Biphenyl              | 14.38 | 154  | 782189   | 39.640 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 14.43 | 162  | 594646   | 40.342 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 203404   | 53.341 | nq    | 90       |
| 48) Acenaphthylene             | 15.27 | 152  | 957490   | 39.676 | nq    | 97       |
| 49) Dimethylphthalate          | 14.97 | 163  | 771986   | 40.263 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 15.09 | 165  | 172750   | 53.242 | nq    | 90       |
| 51) Acenaphthene               | 15.60 | 154  | 630700   | 41.964 | nq    | 98       |
| 52) 3-Nitroaniline             | 15.42 | 138  | 117966   | 32.868 | nq    | # 83     |
| 53) 2,4-Dinitrophenol          | 15.62 | 184  | 82147    | 81.414 | nq    | # 14     |
| 54) Dibenzofuran               | 15.93 | 168  | 898492   | 41.985 | nq    | 94       |
| 55) 4-Nitrophenol              | 15.69 | 139  | 265360   | 84.115 | nq    | # 80     |
| 56) 2,4-Dinitrotoluene         | 15.87 | 165  | 238839   | 60.113 | nq    | 85       |
| 57) Fluorene                   | 16.57 | 166  | 727065   | 41.163 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.14 | 232  | 186836m  | 49.185 | nq    |          |
| 59) Diethylphthalate           | 16.31 | 149  | 875842   | 43.309 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 16.55 | 204  | 362302   | 41.930 | nq    | 92       |
| 61) 4-Nitroaniline             | 16.58 | 138  | 187868   | 45.563 | nq    | 82       |
| 62) Azobenzene                 | 16.84 | 77   | 751963   | 41.564 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 16.62 | 198  | 77660    | 52.819 | nq    | 98       |
| 65) n-Nitrosodiphenylamine     | 16.76 | 169  | 675561   | 42.804 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.44 | 248  | 218365   | 42.566 | nq    | # 89     |
| 67) Hexachlorobenzene          | 17.57 | 284  | 226566   | 40.869 | nq    | 94       |
| 68) Atrazine                   | 17.68 | 200  | 226203   | 43.542 | nq    | 96       |
| 69) Pentachlorophenol          | 17.90 | 266  | 264607   | 75.777 | nq    | 97       |
| 70) Phenanthrene               | 18.31 | 178  | 1132402  | 41.837 | nq    | 97       |
| 71) Anthracene                 | 18.40 | 178  | 1156271  | 42.551 | nq    | 97       |
| 72) Carbazole                  | 18.65 | 167  | 1092056  | 40.773 | nq    | # 95     |
| 73) Di-n-butylphthalate        | 19.15 | 149  | 1371443  | 41.738 | nq    | 98       |
| 74) Fluoranthene               | 20.26 | 202  | 1254520  | 41.959 | nq    | 92       |
| 76) Benzidine                  | 20.41 | 184  | 156123   | 10.399 | nq    | 99       |
| 77) Pyrene                     | 20.62 | 202  | 1260974  | 40.597 | nq    | 95       |
| 79) Butylbenzylphthalate       | 21.48 | 149  | 638874   | 46.392 | nq    | 94       |
| 80) Benzo(a)anthracene         | 22.60 | 228  | 1214997  | 43.018 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 22.49 | 252  | 276572   | 26.439 | nq    | # 98     |
| 82) Chrysene                   | 22.68 | 228  | 1149407  | 42.602 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 22.44 | 149  | 915240   | 44.898 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 23.87 | 149  | 1560061  | 50.209 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.88 | 276  | 1432655  | 45.532 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 25.21 | 252  | 1247594  | 44.346 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 25.29 | 252  | 1201229  | 42.963 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 26.26 | 252  | 1199667  | 44.833 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 30.96 | 278  | 1199882  | 44.548 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 32.27 | 276  | 1172950  | 44.177 | nq    | # 89     |

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





#1

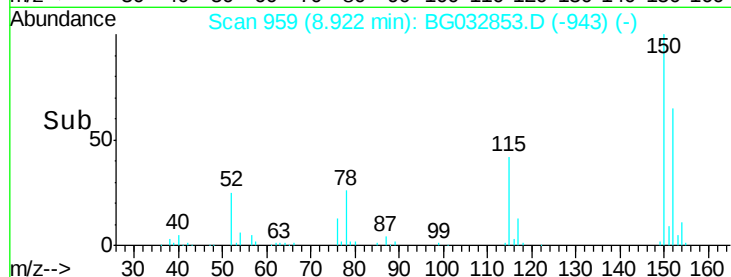
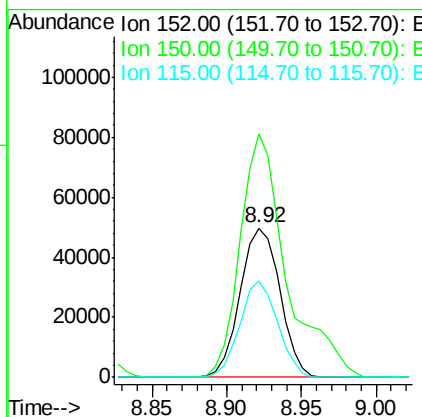
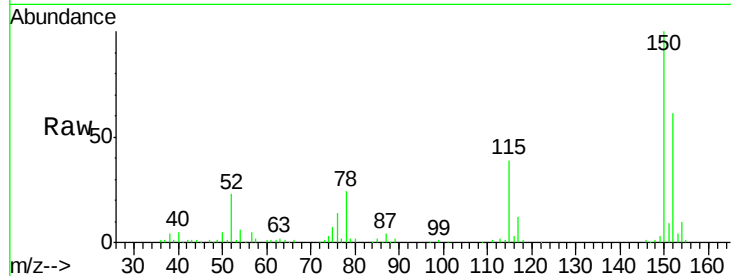
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.92 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.0 | 126.6 | 189.8 |
| 115     | 64.1  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

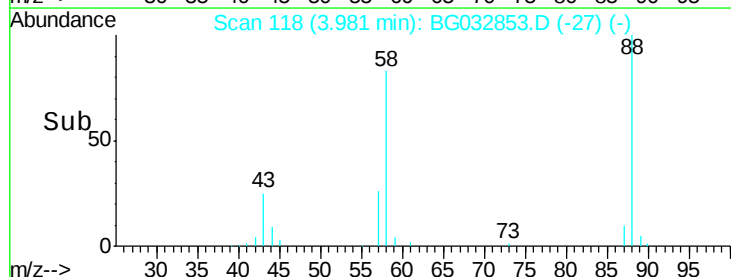
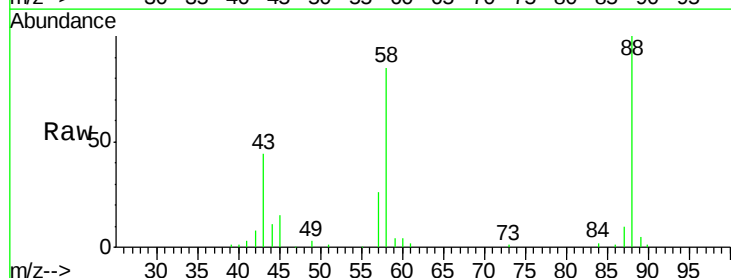
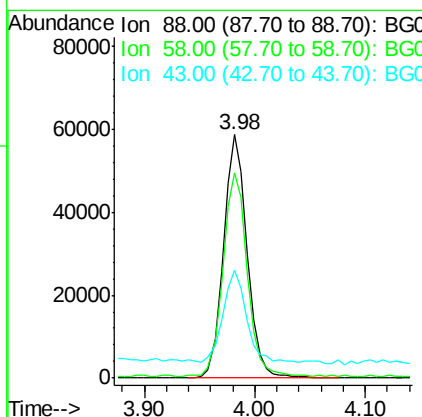
Sohil  
2/28/2018 1:01:27 PM

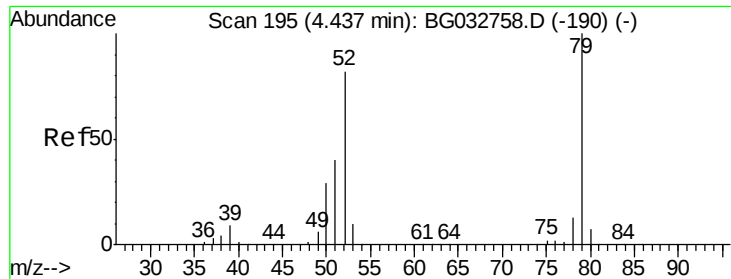


#2

1,4-Dioxane  
Concen: 35.032 ng  
RT: 3.98 min Scan# 118  
Delta R.T. 0.01 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.2  | 79.6  | 119.4 |
| 43      | 37.1  | 27.4  | 41.0  |





#3

Pvridine

Concen: 26.012 ng

RT: 4.45 min Scan# 197

Delta R.T. 0.01 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

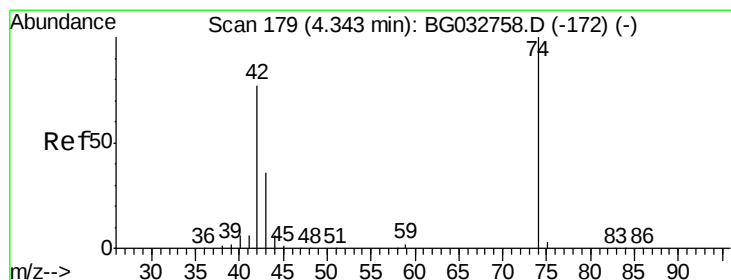
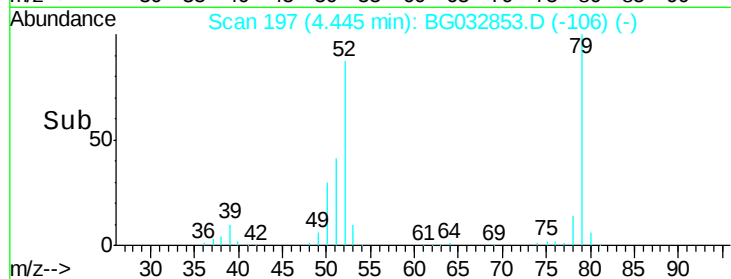
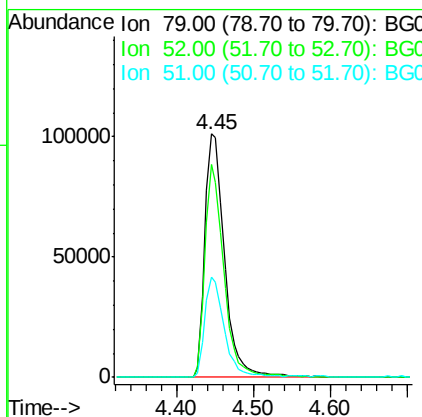
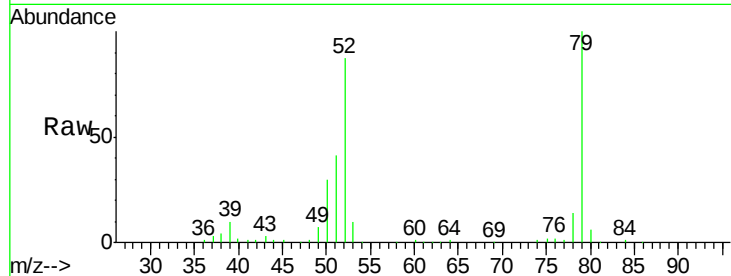
ClientSampleId :

NB-01-022318MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 179395 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 87.4  | 69.9  | 104.9  |
| 51       | 41.2  | 34.0  | 51.0   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#4

n-Nitrosodimethylamine

Concen: 44.341 ng

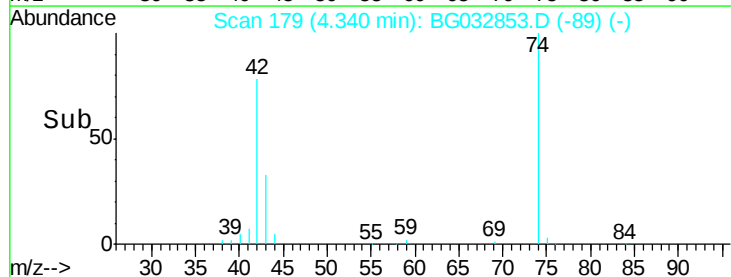
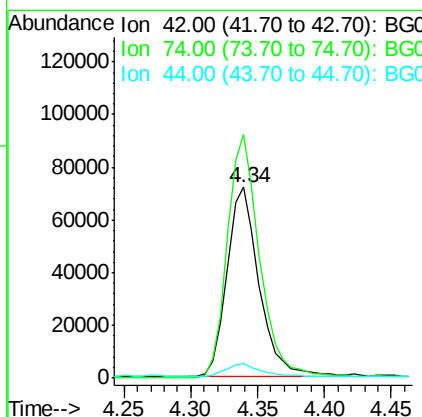
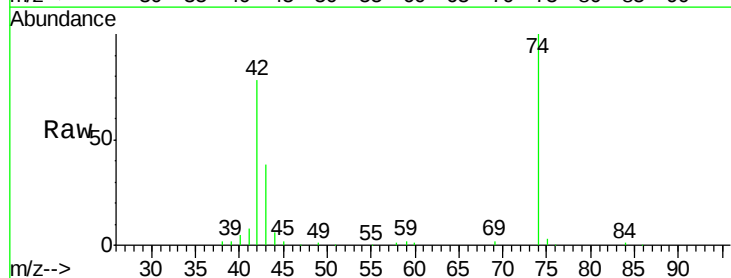
RT: 4.34 min Scan# 179

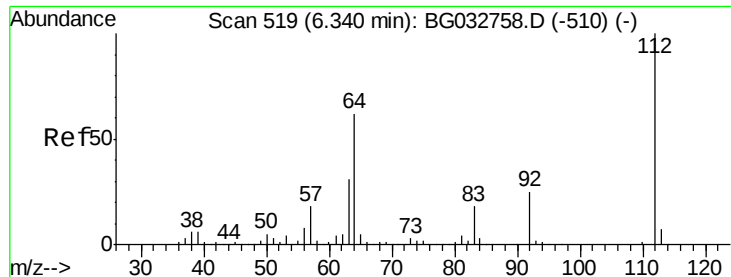
Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 122606 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 127.4 | 102.5 | 153.7  |
| 44       | 7.8   | 18.9  | 28.3   |





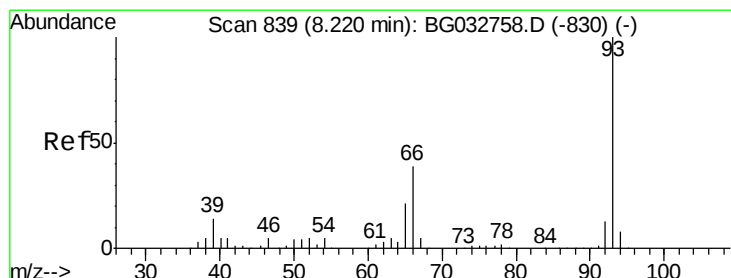
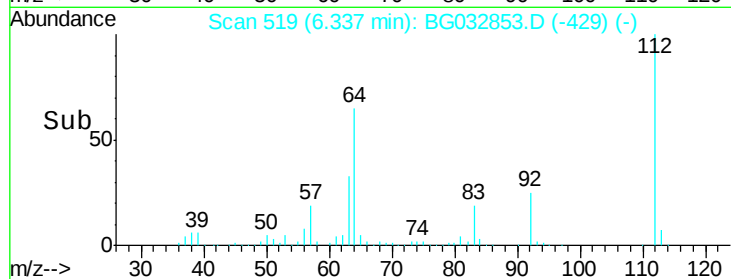
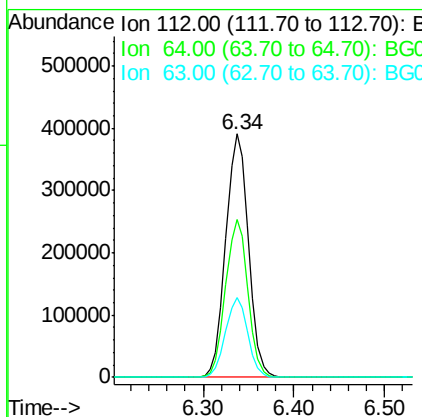
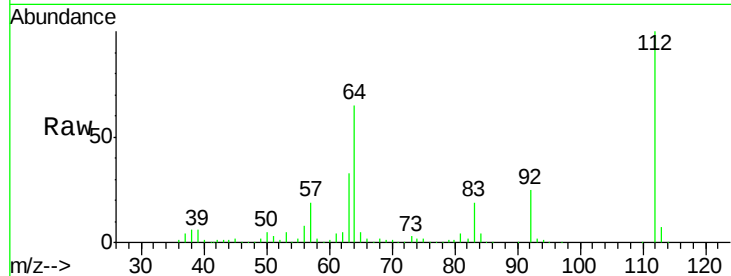
#5  
2-Fluorophenol  
Concen: 117.870 ng  
RT: 6.34 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 64.9  | 56.3       | 84.5  |
| 63      | 32.9  | 30.1       | 45.1  |

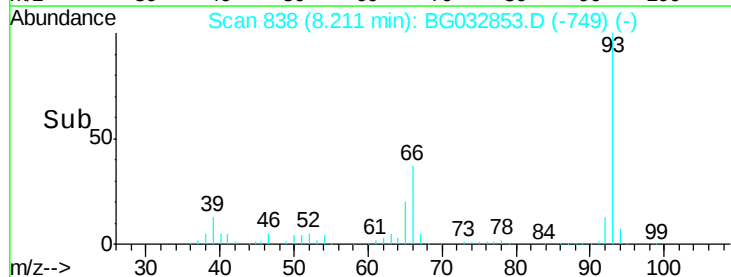
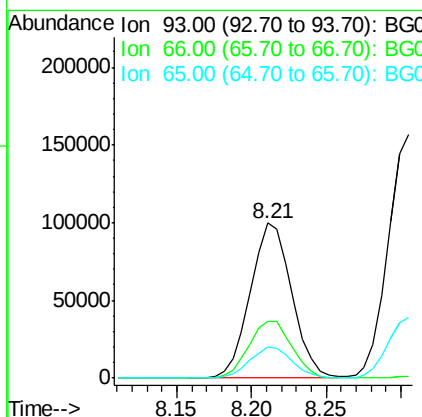
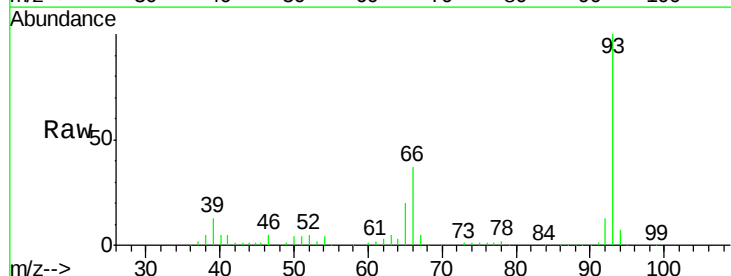
Manual Integrations  
APPROVED

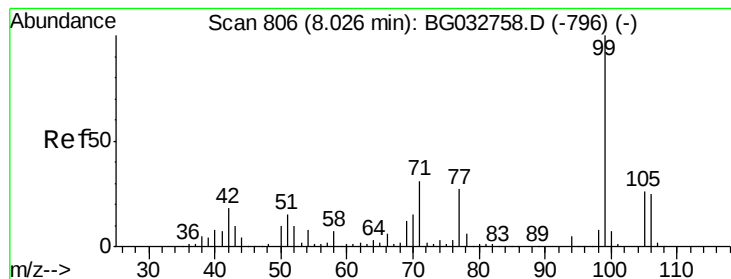
Sohil  
2/28/2018 1:01:27 PM



#6  
Aniline  
Concen: 17.587 ng  
RT: 8.21 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 36.7  | 33.7       | 50.5  |
| 65      | 19.8  | 16.1       | 24.1  |





#7

Phenol-d6

Concen: 104.441 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

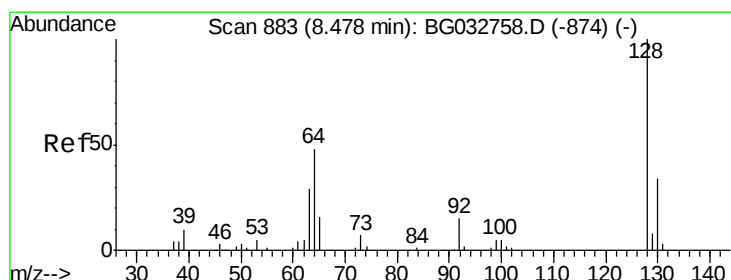
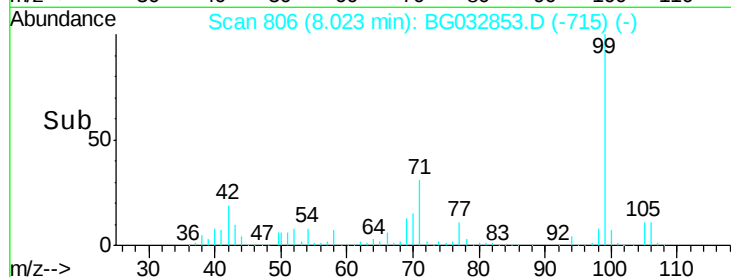
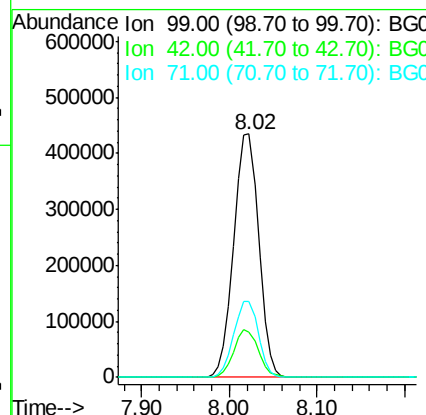
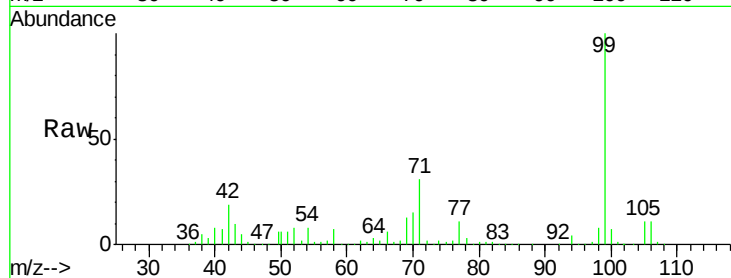
ClientSampleId :

NB-01-022318MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 839330 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.7  | 14.1  | 21.1   |
| 71        | 31.0  | 26.1  | 39.1   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#8

2-Chlorophenol

Concen: 44.376 ng

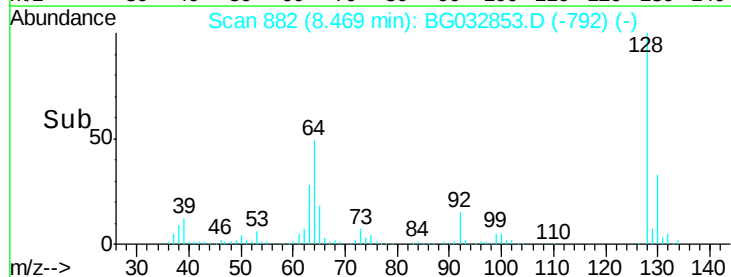
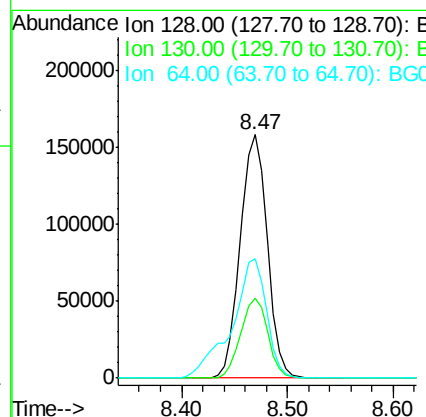
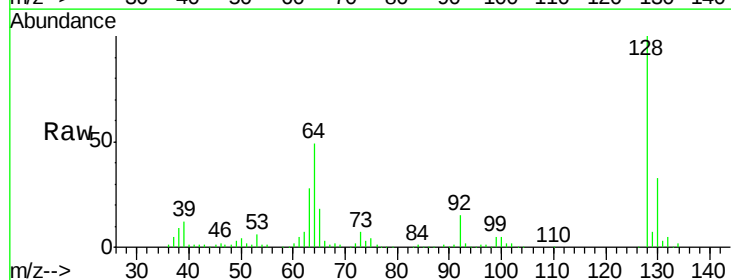
RT: 8.47 min Scan# 882

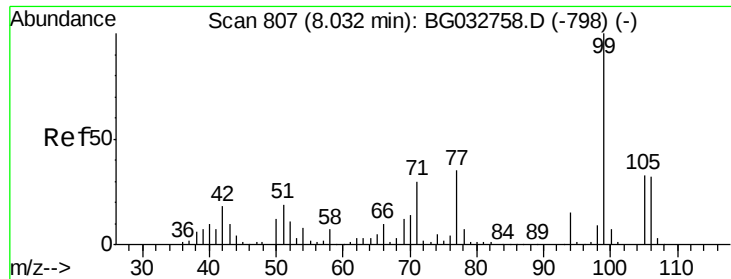
Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 280043 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.9  | 14.0  | 54.0   |
| 64        | 49.1  | 37.7  | 77.7   |





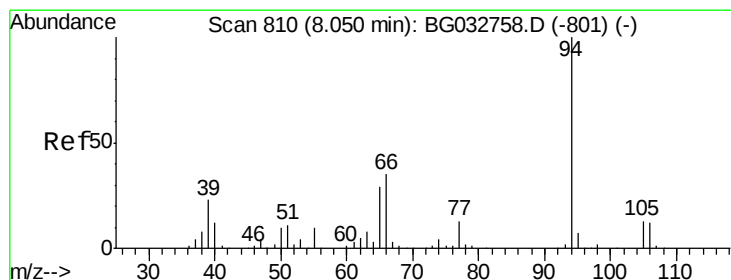
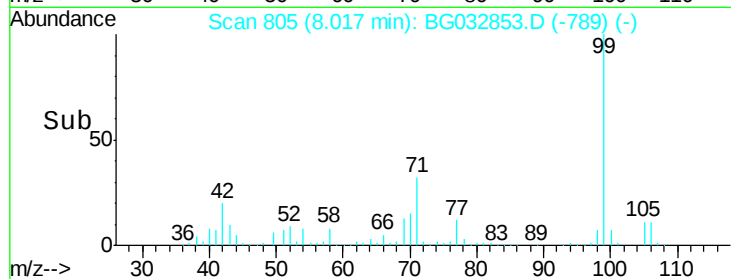
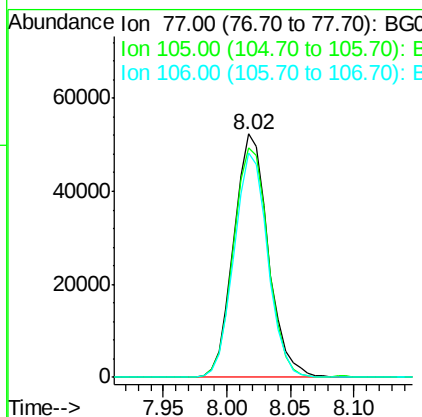
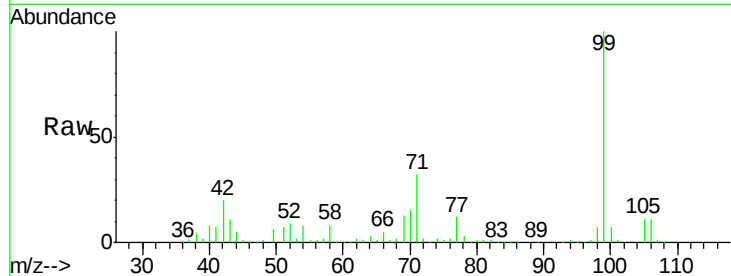
#9  
Benzaldehyde  
Concen: 21.303 ng  
RT: 8.02 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 94.3  | 71.3  | 111.3 |
| 106     | 91.9  | 64.2  | 104.2 |

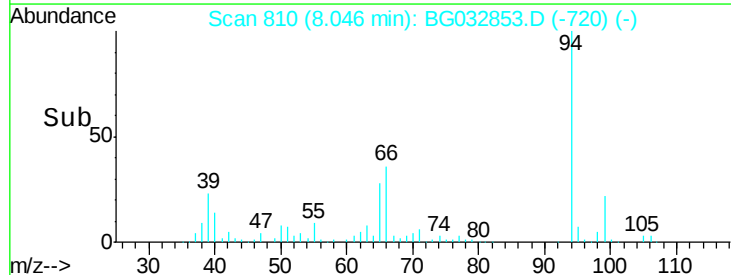
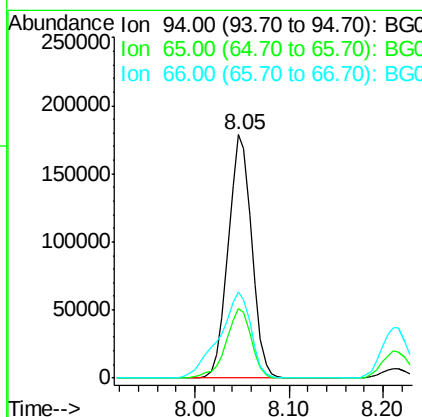
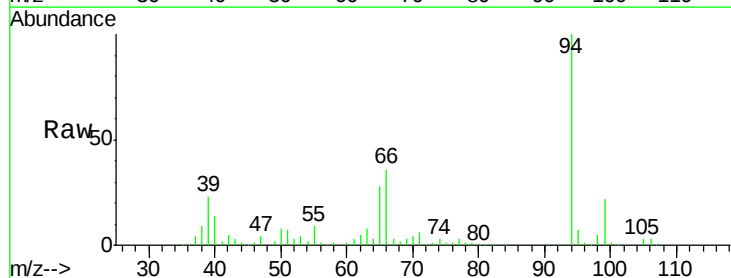
Manual Integrations  
APPROVED

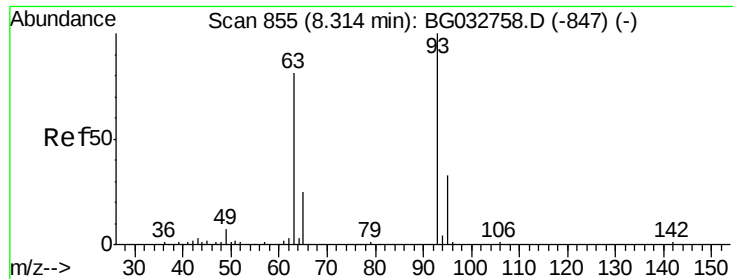
Sohil  
2/28/2018 1:01:27 PM



#10  
Phenol  
Concen: 38.247 ng  
RT: 8.05 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.4  | 11.9  | 51.9  |
| 66      | 35.6  | 22.2  | 62.2  |





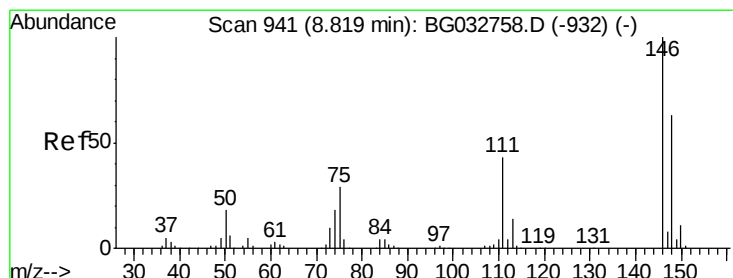
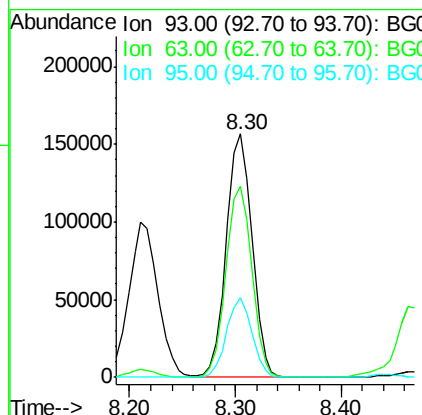
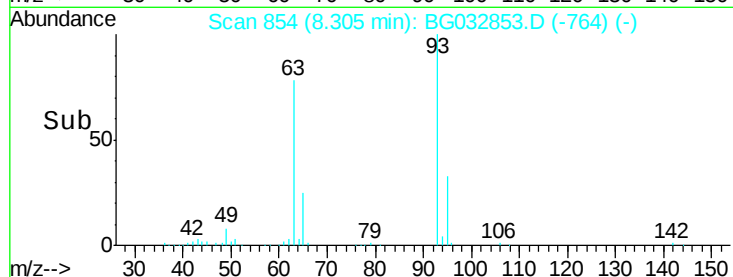
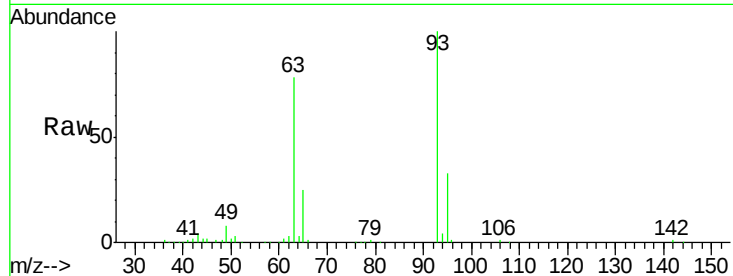
#11  
bis(2-Chloroethyl)ether  
Concen: 40.121 ng  
RT: 8.30 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.3  | 67.1  | 107.1 |
| 95      | 33.0  | 11.5  | 51.5  |

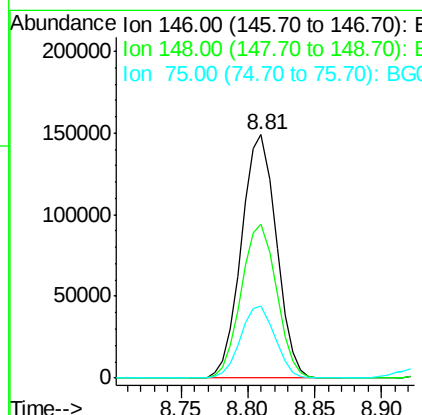
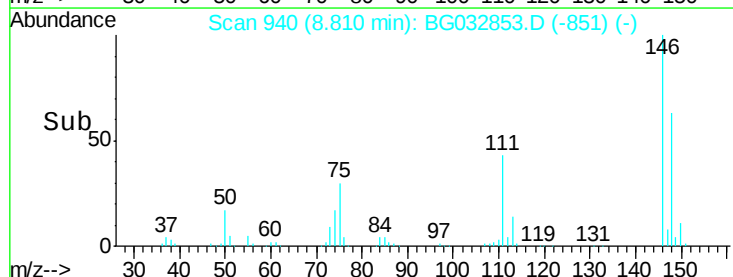
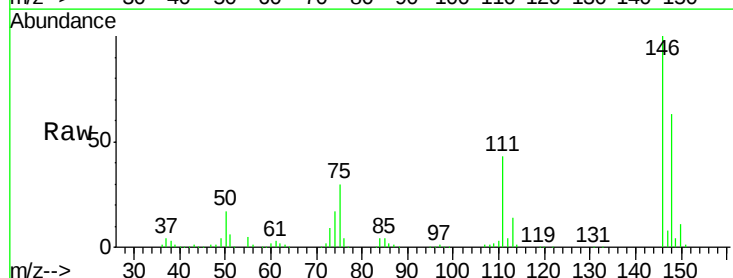
Manual Integrations  
APPROVED

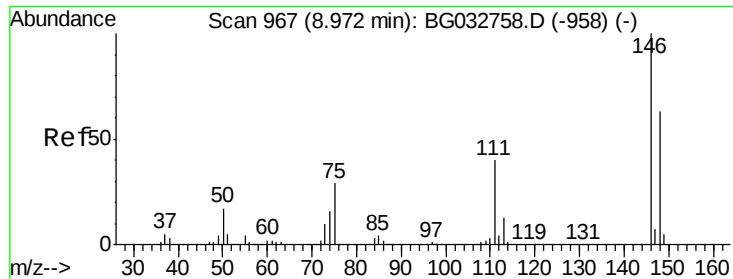
Sohil  
2/28/2018 1:01:27 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.574 ng  
RT: 8.81 min Scan# 940  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.4  | 77.2  |
| 75      | 29.6  | 26.6  | 39.8  |





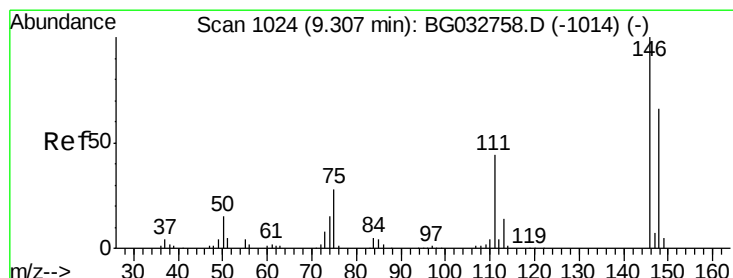
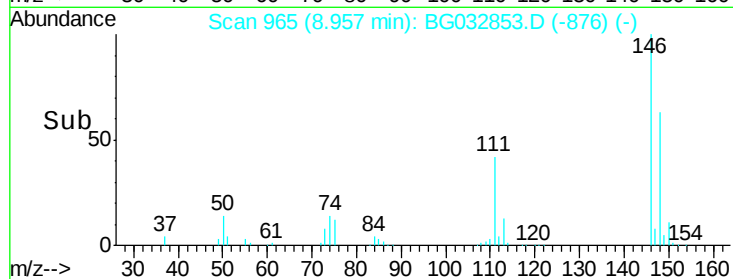
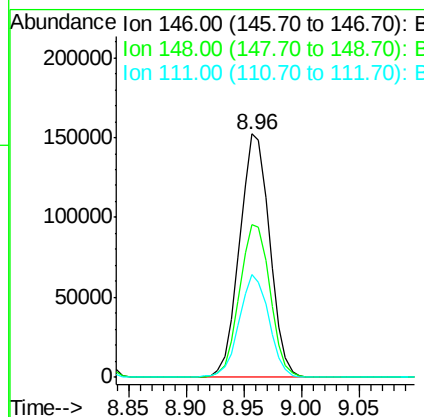
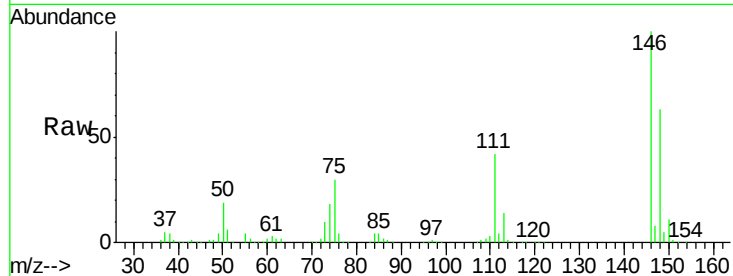
#13  
1,4-Dichlorobenzene  
Concen: 36.949 ng  
RT: 8.96 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 146     | 100  |       |       |       |
| 148     | 62.8 | 53.7  | 80.5  |       |
| 111     | 42.0 | 35.2  | 52.8  |       |

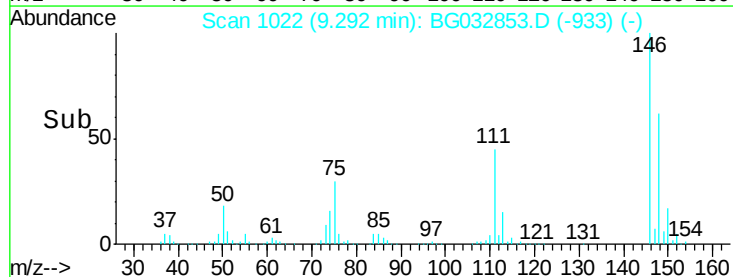
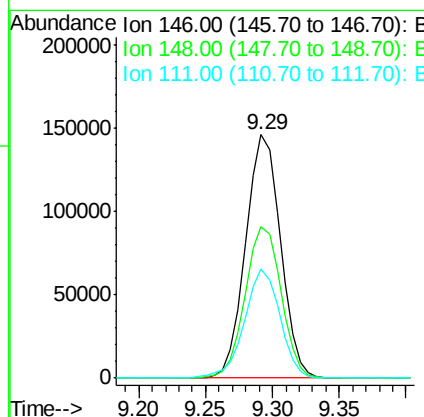
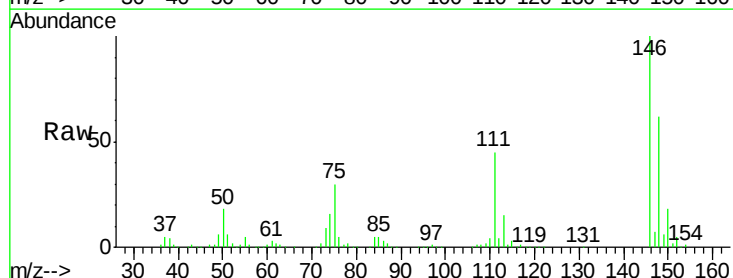
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#14  
1,2-Dichlorobenzene  
Concen: 36.948 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 146     | 100  |       |       |       |
| 148     | 62.3 | 49.3  | 73.9  |       |
| 111     | 44.9 | 34.3  | 51.5  |       |





#15

Benzyl Alcohol

Concen: 41.213 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

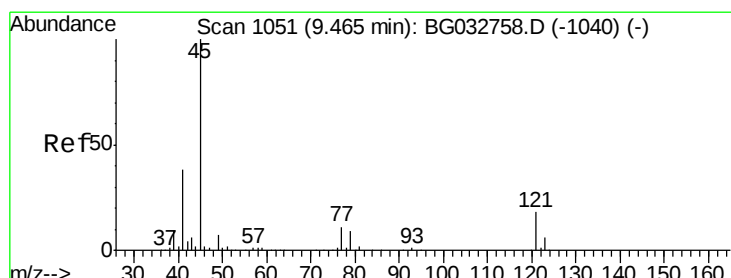
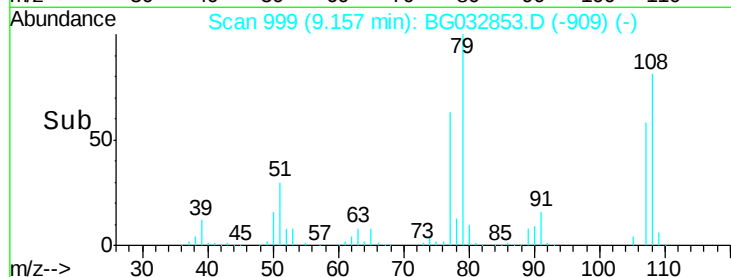
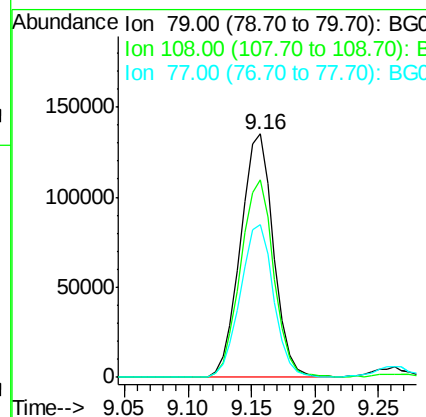
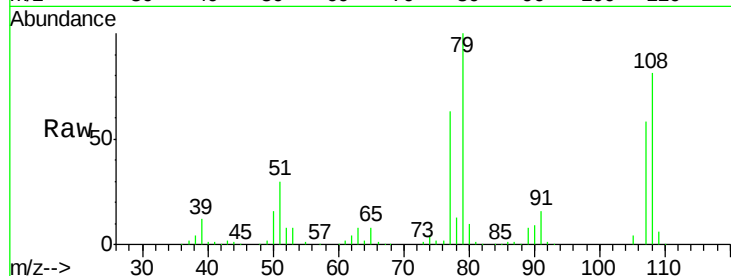
ClientSampleId :

NB-01-022318MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 243490 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.1  | 57.2  | 85.8   |
| 77        | 62.6  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.506 ng

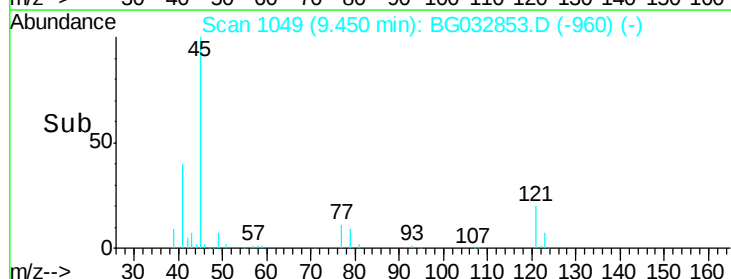
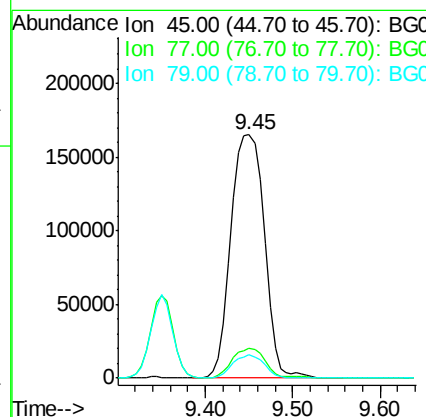
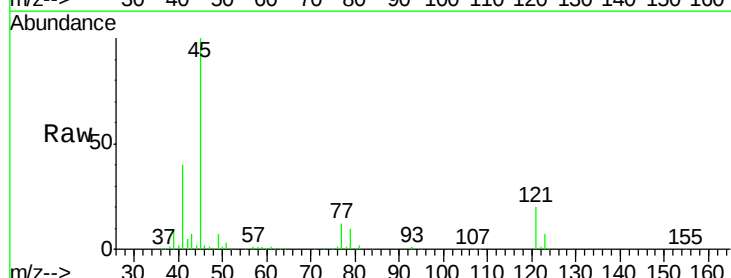
RT: 9.45 min Scan# 1049

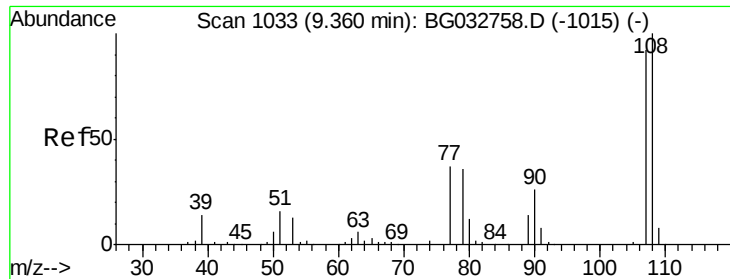
Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 427111 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.2  | 0.0   | 30.2   |
| 79        | 9.5   | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 39.837 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

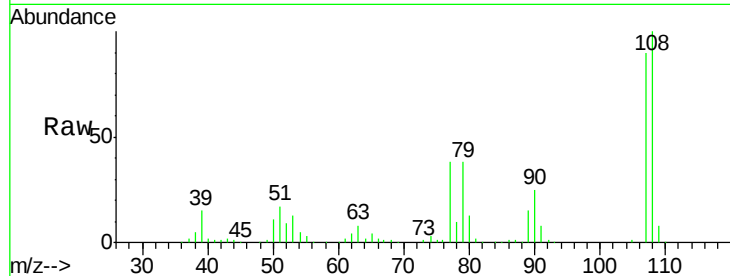
ClientSampleId :

NB-01-022318MS

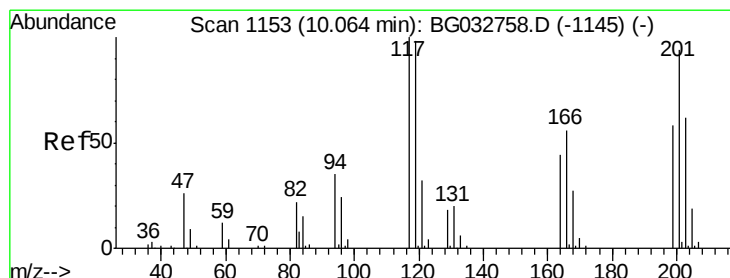
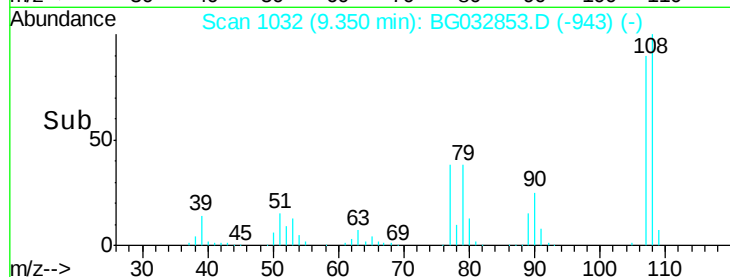
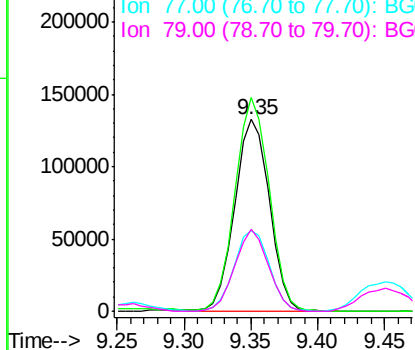
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 237977 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.6 | 83.9  | 125.9  |
| 77        | 42.4  | 37.2  | 55.8   |
| 79        | 42.8  | 36.2  | 54.2   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



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



#18

Hexachloroethane

Concen: 39.325 ng

RT: 10.05 min Scan# 1151

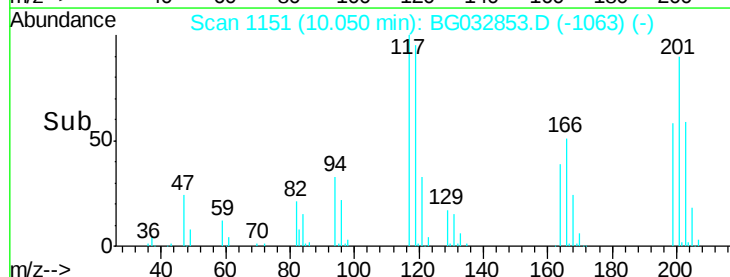
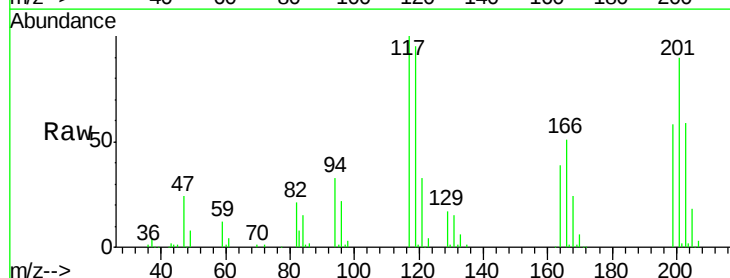
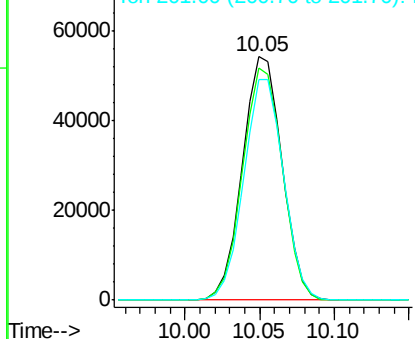
Delta R.T. -0.01 min

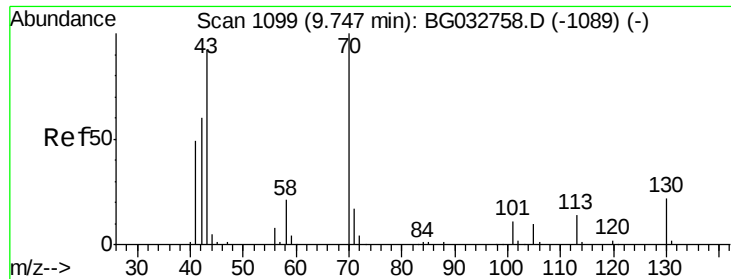
Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 99621  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.3  | 76.7  | 115.1  |
| 201       | 90.5  | 95.7  | 143.5# |

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





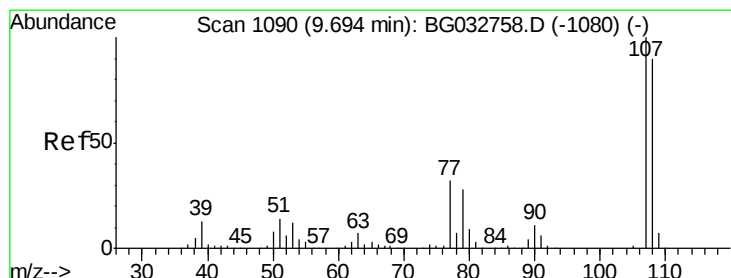
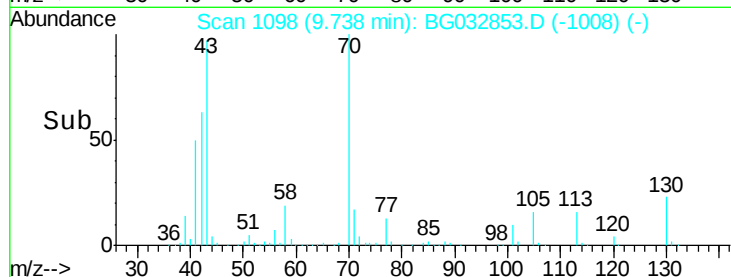
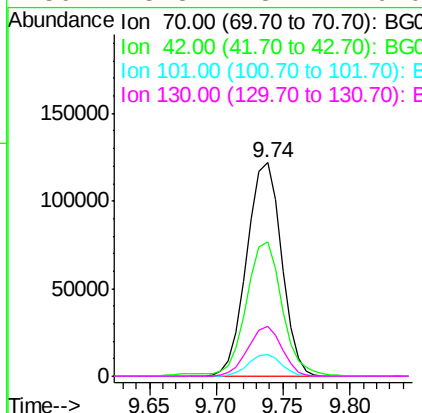
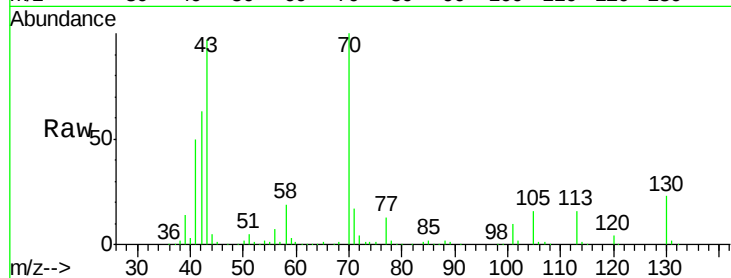
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.682 ng  
RT: 9.74 min Scan# 1098  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.0  | 49.1  | 73.7  |
| 101     | 10.2  | 8.5   | 12.7  |
| 130     | 23.3  | 13.4  | 20.0  |

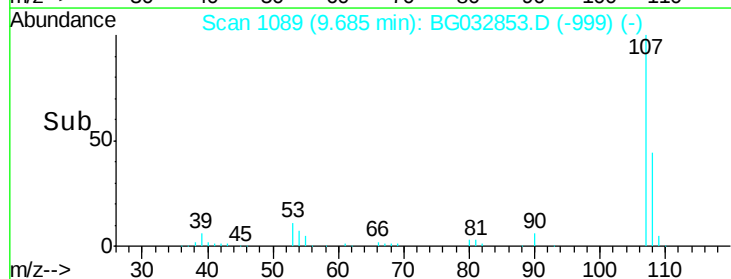
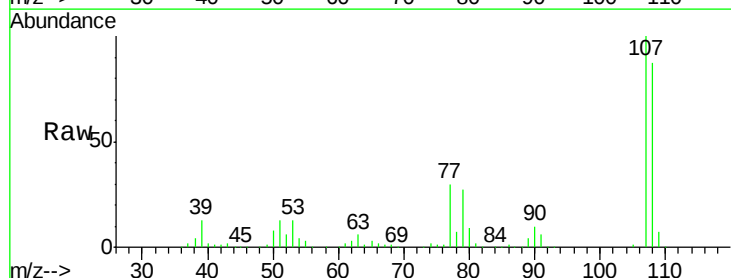
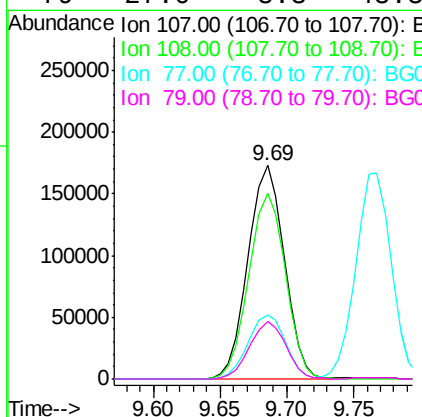
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#20  
3+4-Methylphenols  
Concen: 39.343 ng  
RT: 9.69 min Scan# 1089  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.0  | 61.6  | 101.6 |
| 77      | 30.3  | 13.9  | 53.9  |
| 79      | 27.0  | 8.8   | 48.8  |





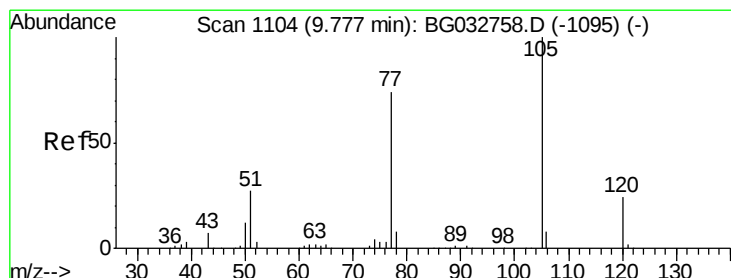
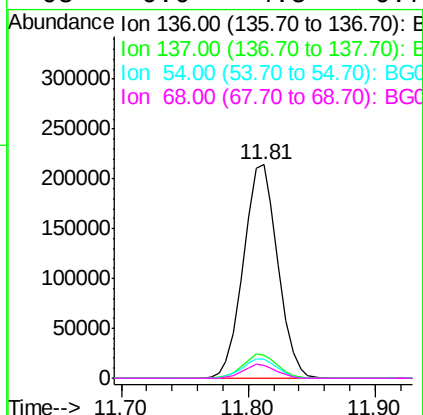
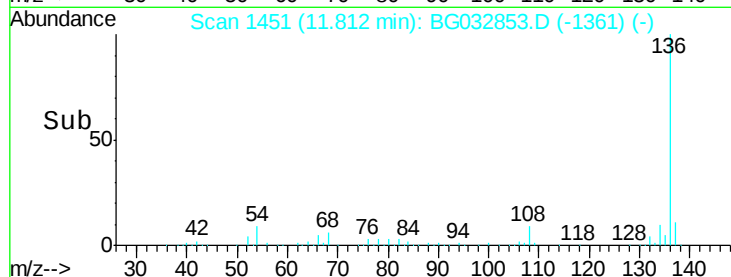
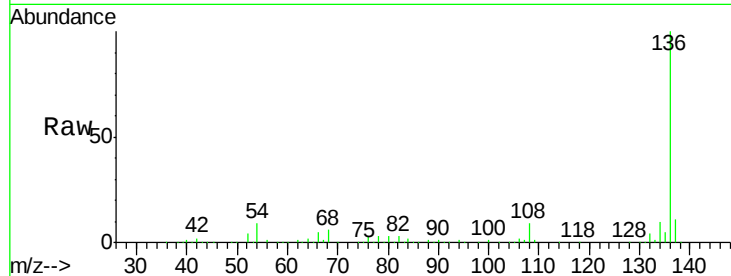
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.81 min Scan# 1451  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.0  | 9.2   | 13.8  |
| 54      | 9.1   | 10.3  | 15.5  |
| 68      | 6.0   | 4.5   | 6.7   |

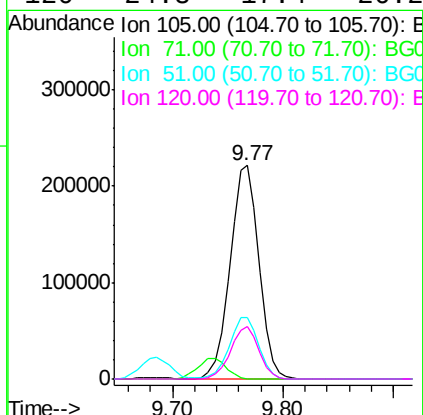
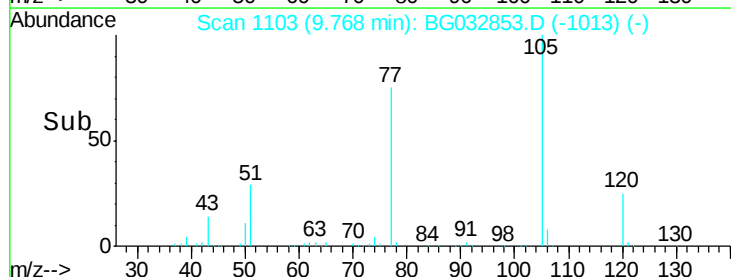
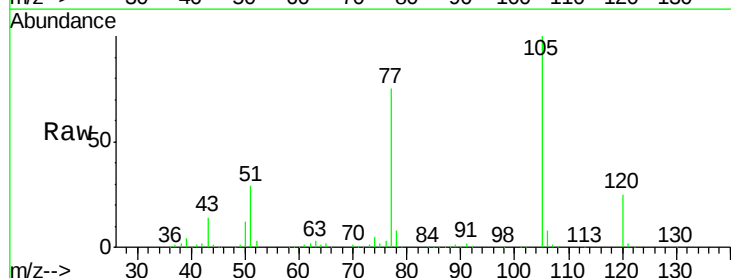
Manual Integrations  
APPROVED

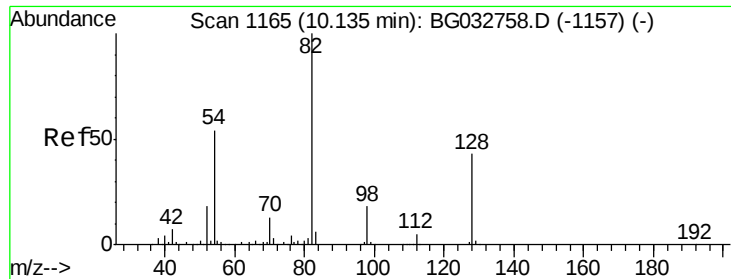
Sohil  
2/28/2018 1:01:27 PM



#22  
Acetophenone  
Concen: 39.779 ng  
RT: 9.77 min Scan# 1103  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.2   | 3.0   | 4.4   |
| 51      | 28.9  | 26.1  | 39.1  |
| 120     | 24.8  | 17.4  | 26.2  |





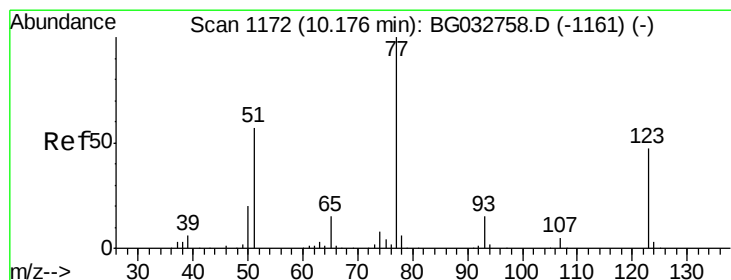
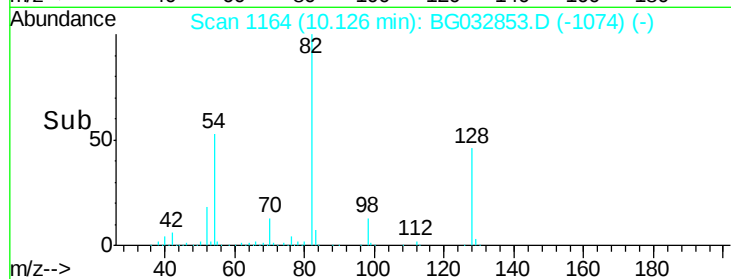
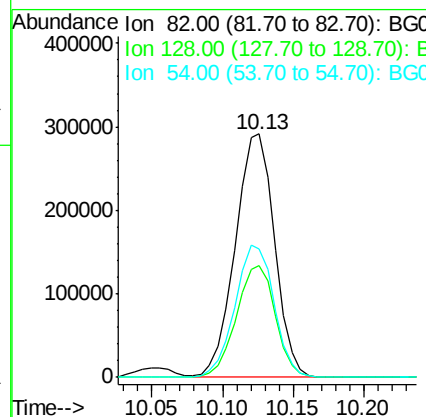
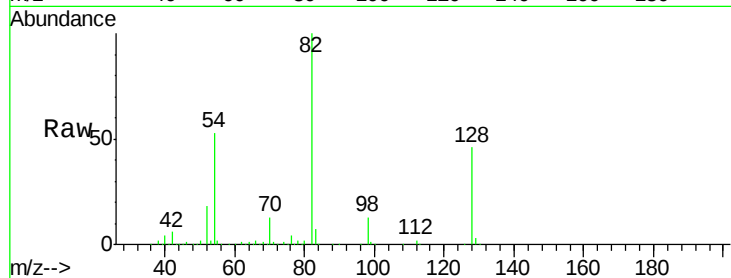
#23  
Nitrobenzene-d5  
Concen: 96.180 ng  
RT: 10.13 min Scan# 1164  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.0  | 29.7  | 44.5# |
| 54      | 52.9  | 43.1  | 64.7  |

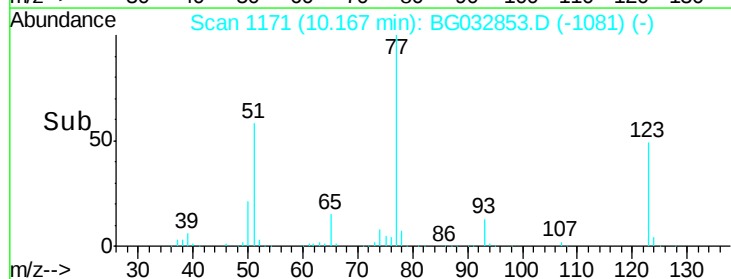
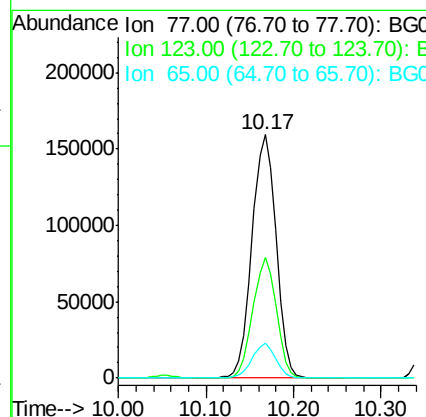
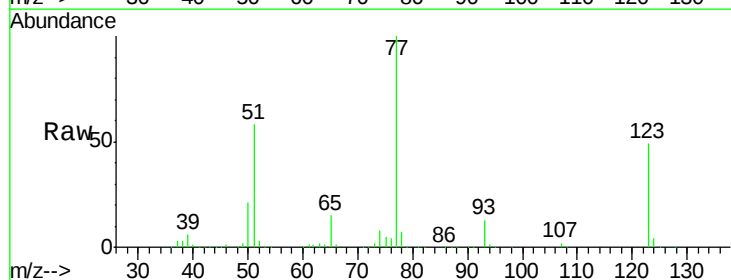
Manual Integrations  
APPROVED

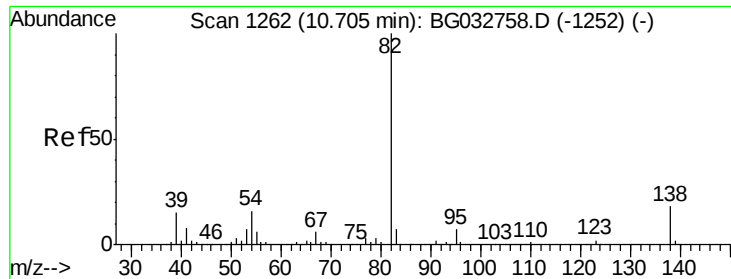
Sohil  
2/28/2018 1:01:27 PM



#24  
Nitrobenzene  
Concen: 46.599 ng  
RT: 10.17 min Scan# 1171  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.4  | 33.0  | 49.6  |
| 65      | 14.6  | 13.0  | 19.6  |





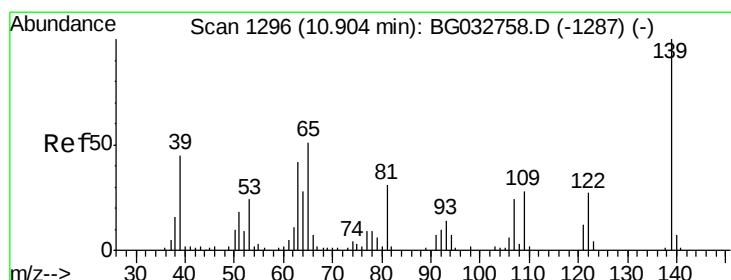
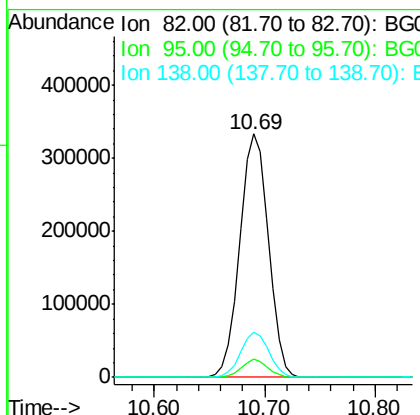
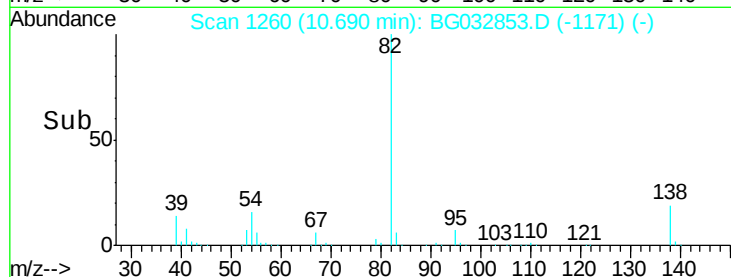
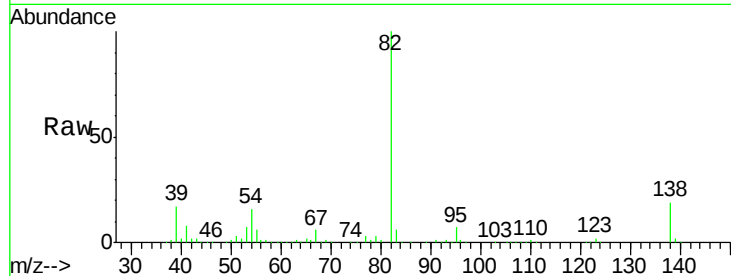
#25  
Isophorone  
Concen: 43.110 ng  
RT: 10.69 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | 82    | Resp  | 607677 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 95      | 7.3   | 6.2   | 9.2    |
| 138     | 18.7  | 12.1  | 18.1   |

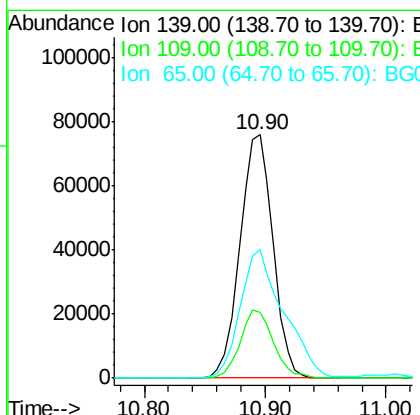
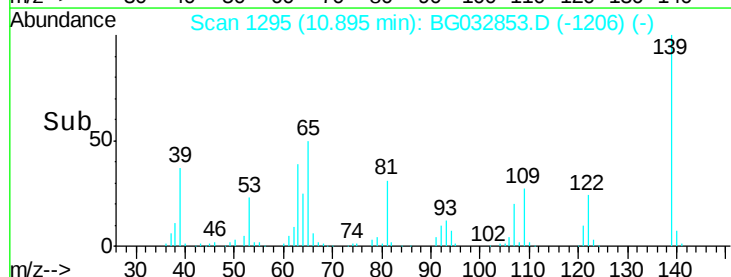
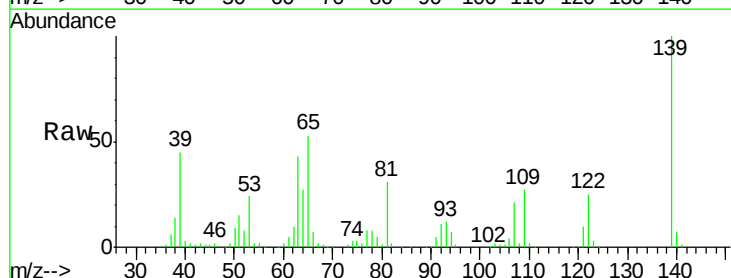
Manual Integrations  
APPROVED

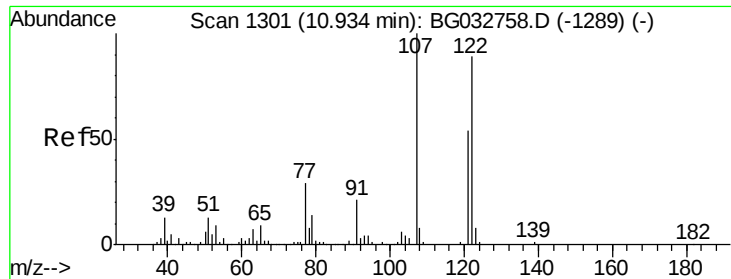
Sohil  
2/28/2018 1:01:27 PM



#26  
2-Nitrophenol  
Concen: 59.017 ng  
RT: 10.90 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | 139   | Resp  | 144531 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 139     | 100   |       |        |
| 109     | 26.9  | 24.2  | 36.2   |
| 65      | 52.8  | 47.4  | 71.0   |





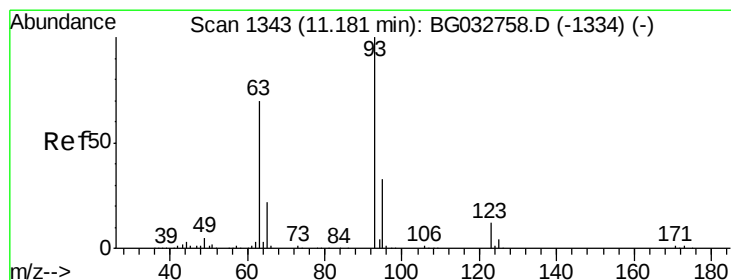
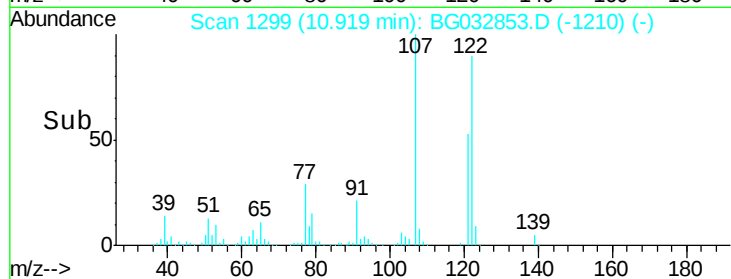
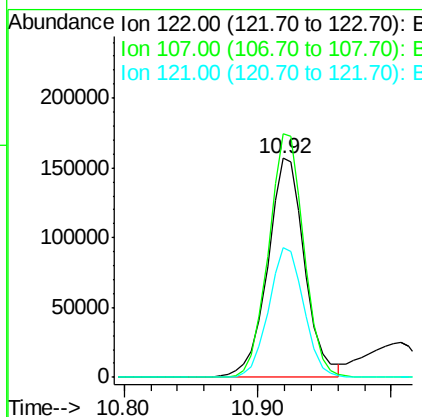
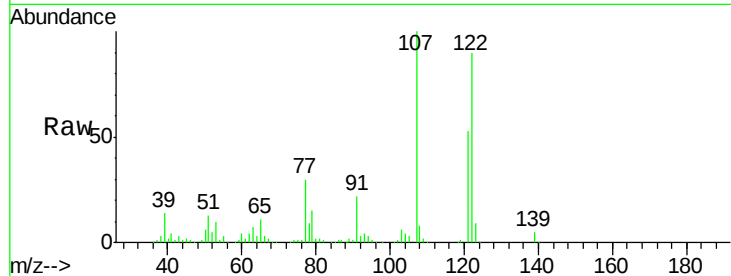
#27  
 2,4-Dimethylphenol  
 Concen: 49.340 ng  
 RT: 10.92 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.1 | 100.2 | 150.2 |
| 121     | 59.1  | 44.4  | 66.6  |

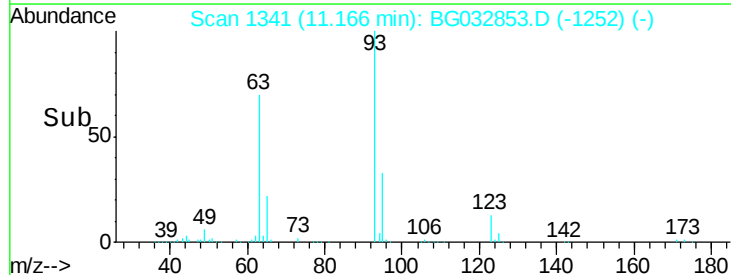
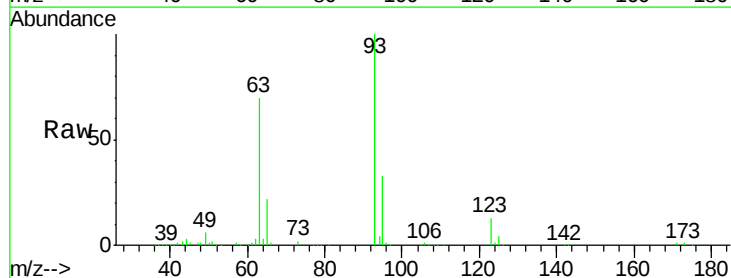
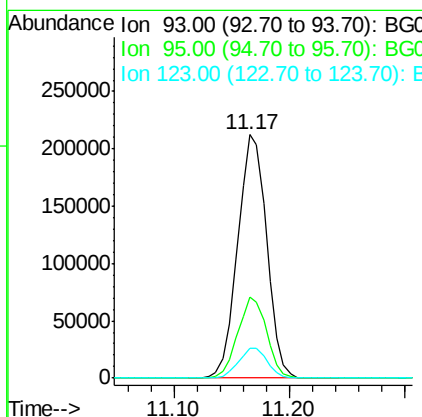
Manual Integrations  
 APPROVED

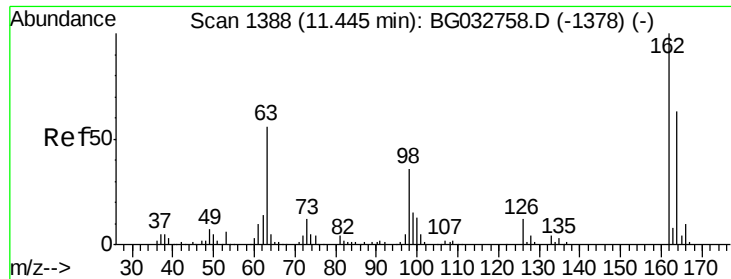
Sohil  
 2/28/2018 1:01:27 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.956 ng  
 RT: 11.17 min Scan# 1341  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 24.3  | 36.5  |
| 123     | 12.5  | 8.4   | 12.6  |





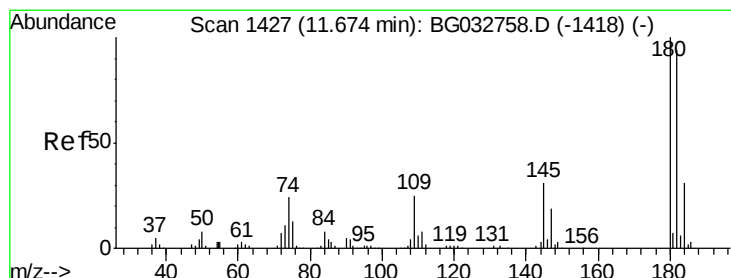
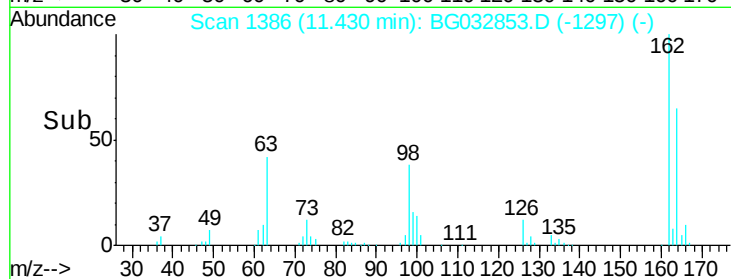
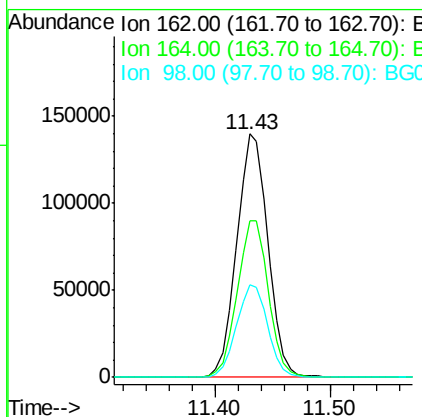
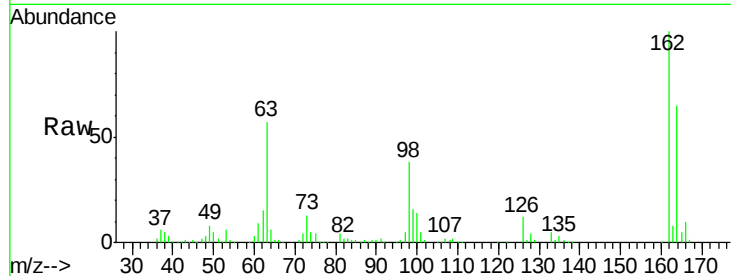
#29  
2,4-Dichlorophenol  
Concen: 47.053 ng  
RT: 11.43 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 261502 |       |       |
| 164     | 64.5  | 48.0   | 88.0  |       |
| 98      | 38.2  | 21.1   | 61.1  |       |

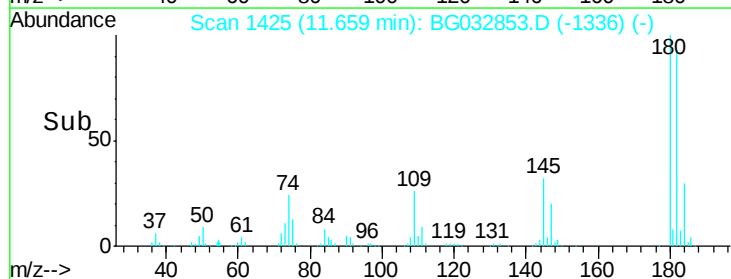
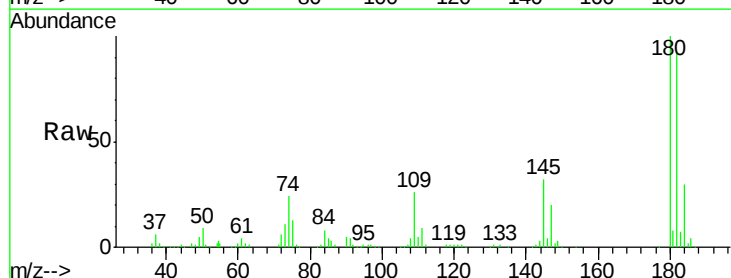
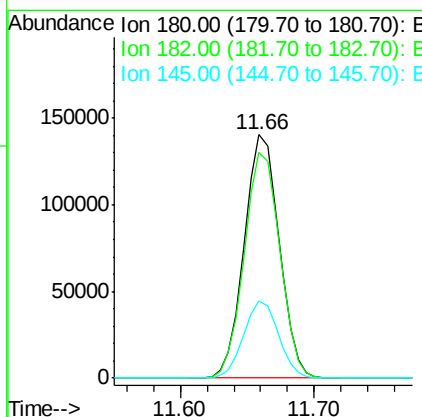
Manual Integrations  
APPROVED

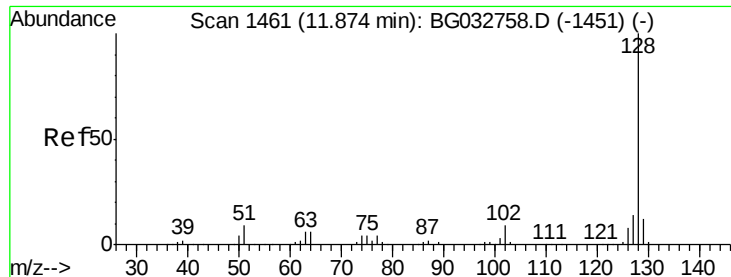
Sohil  
2/28/2018 1:01:27 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.069 ng  
RT: 11.66 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 254518 |       |       |
| 182     | 92.8  | 77.5   | 116.3 |       |
| 145     | 31.9  | 23.4   | 35.2  |       |





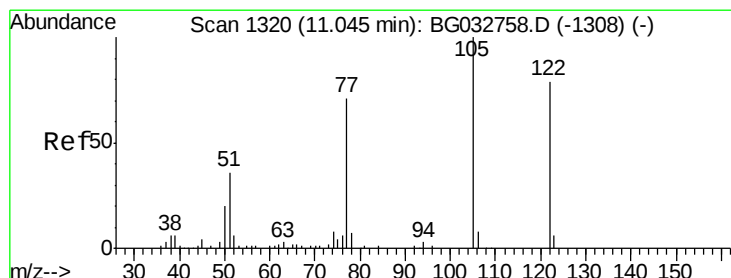
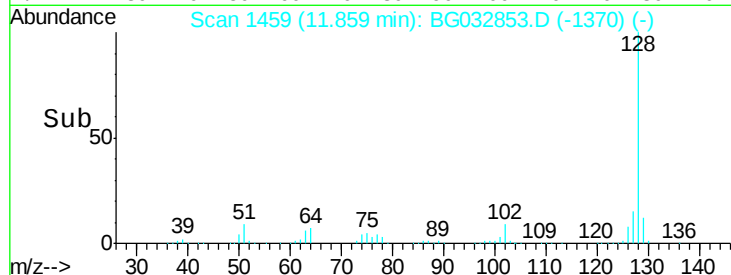
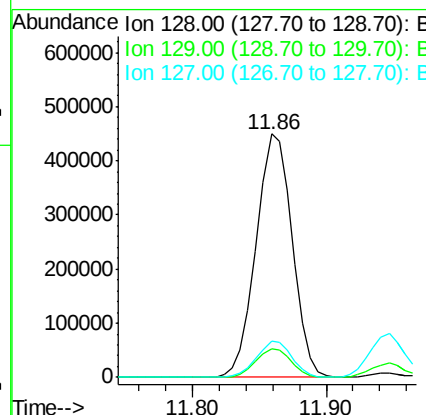
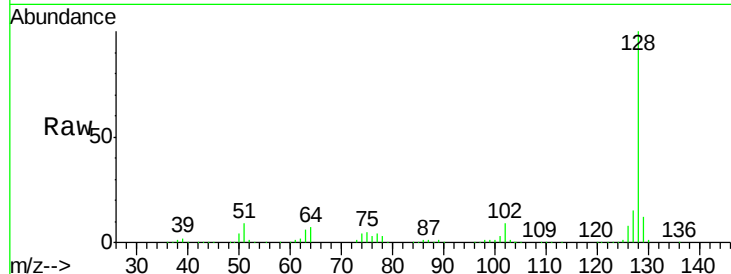
#31  
Naphthalene  
Concen: 40.045 ng  
RT: 11.86 min Scan# 1459  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 8.6   | 12.8  |
| 127     | 15.1  | 11.6  | 17.4  |

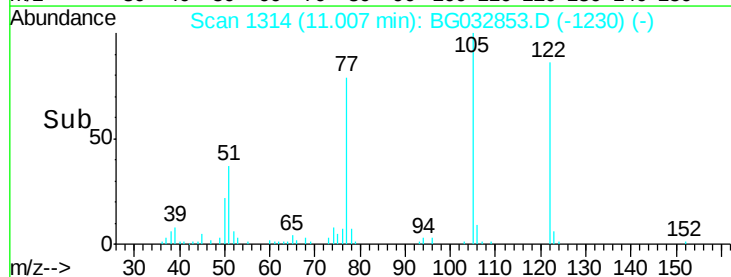
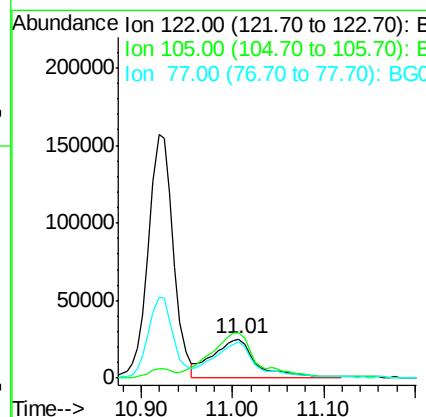
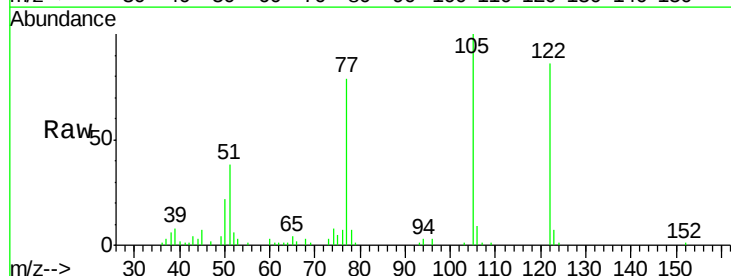
Manual Integrations  
APPROVED

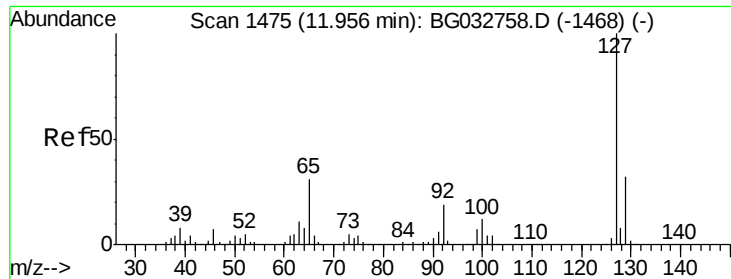
Sohil  
2/28/2018 1:01:27 PM



#32  
Benzoic acid  
Concen: 28.070 ng m  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.03 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 115.9 | 123.5 | 163.5# |
| 77      | 92.0  | 85.7  | 125.7  |





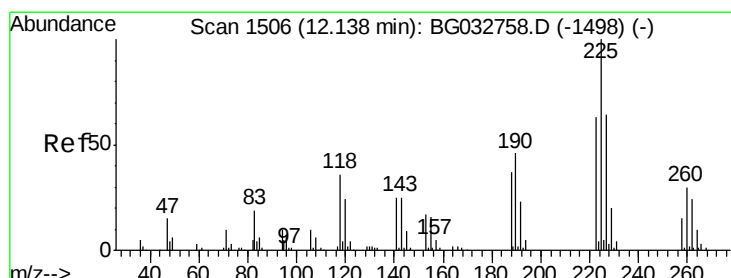
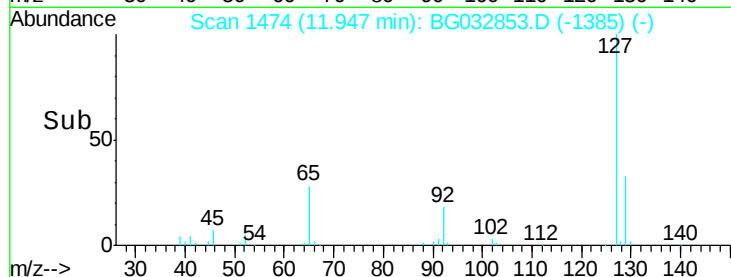
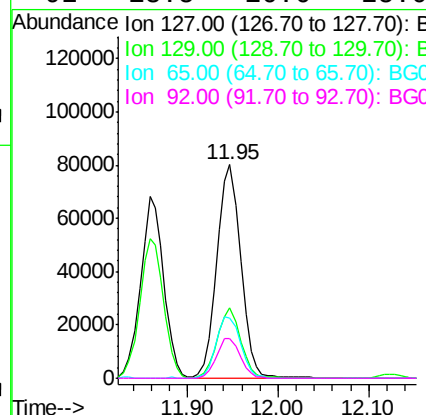
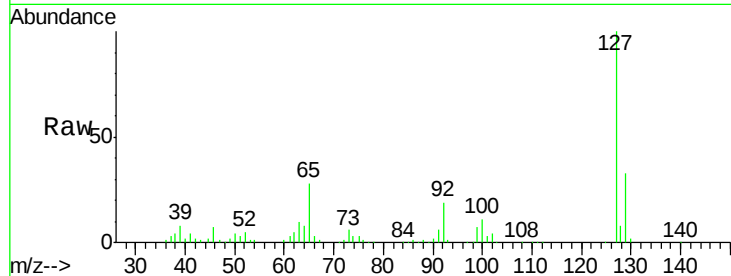
#33  
4-Chloroaniline  
Concen: 15.754 ng  
RT: 11.95 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 | 24.0  | 36.0 |       |       |
| 65      | 28.3 | 27.0  | 40.4 |       |       |
| 92      | 18.5 | 16.6  | 25.0 |       |       |

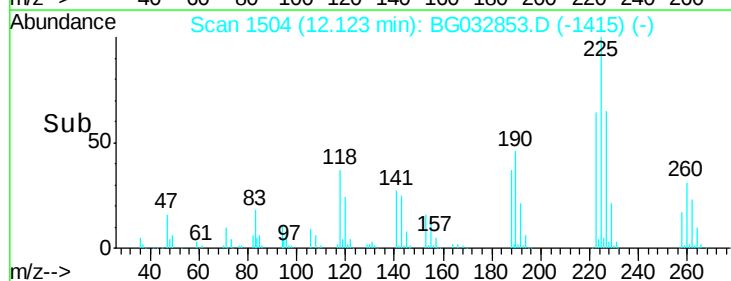
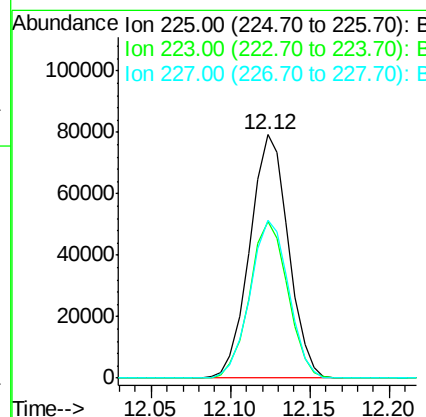
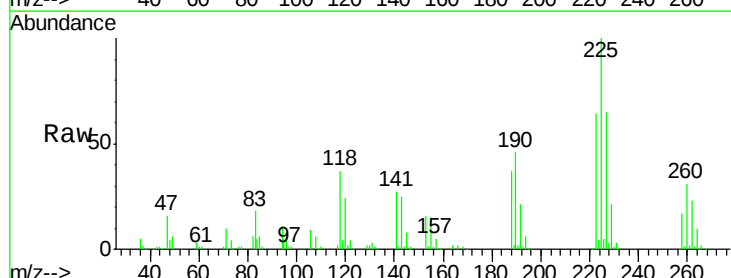
Manual Integrations  
APPROVED

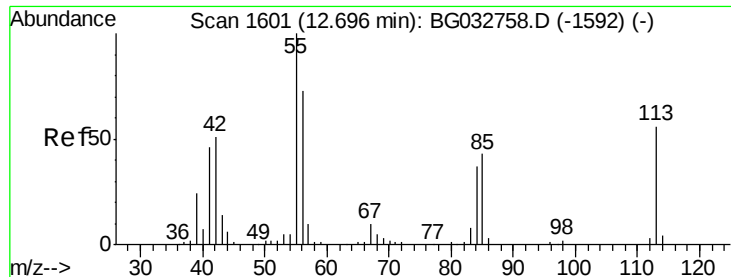
Sohil  
2/28/2018 1:01:27 PM



#34  
Hexachlorobutadiene  
Concen: 36.681 ng  
RT: 12.12 min Scan# 1504  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.2 | 49.7  | 74.5 |       |       |
| 227     | 64.9 | 48.1  | 72.1 |       |       |





#35

Caprolactam

Concen: 35.649 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

ClientSampleId :

NB-01-022318MS

Tot Ion:113 Resp: 79330

Ion Ratio Lower Upper

113 100

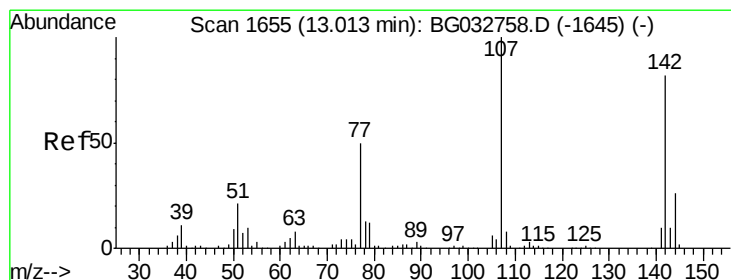
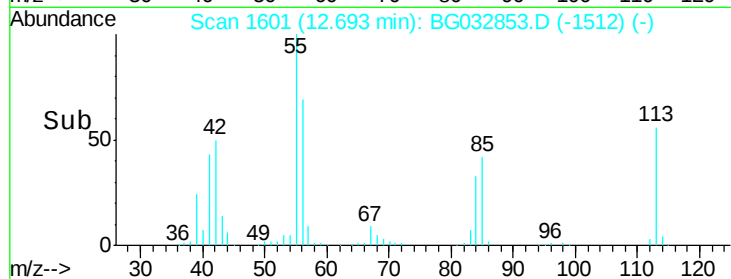
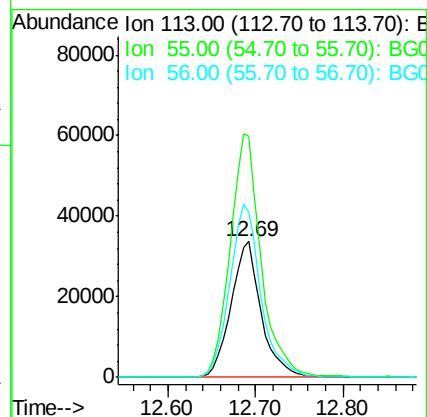
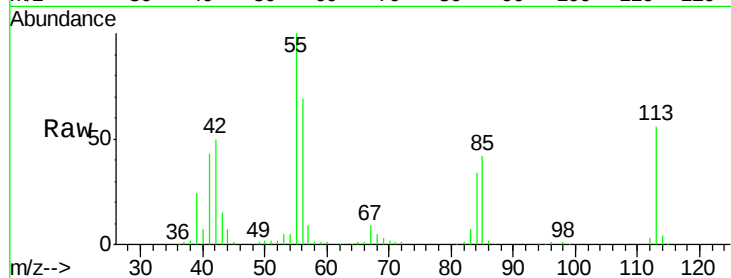
55 177.8 186.9 226.9#

56 121.9 130.9 170.9#

Manual Integrations  
APPROVED

Sohil

2/28/2018 1:01:27 PM



#36

4-Chloro-3-methylphenol

Concen: 47.813 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

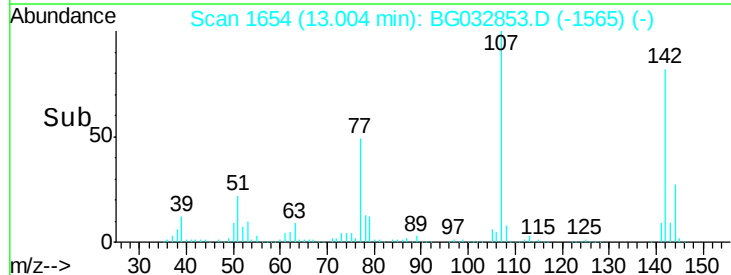
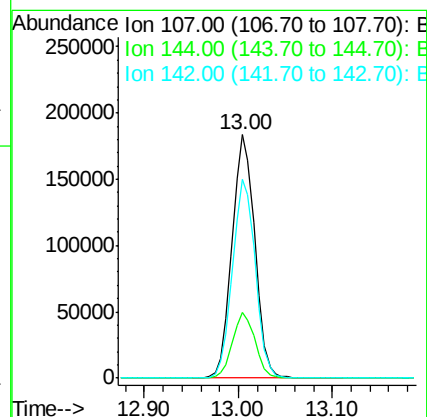
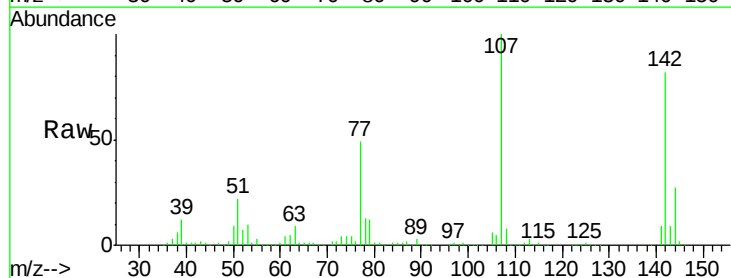
Tgt Ion:107 Resp: 309225

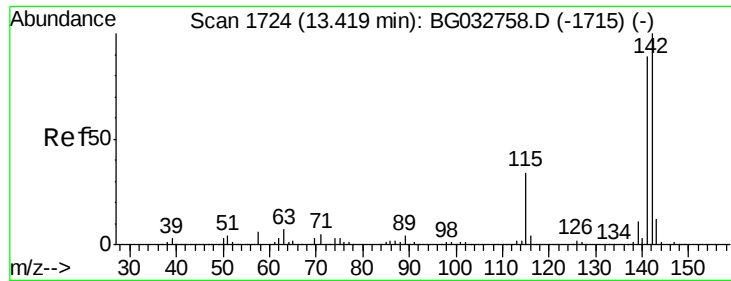
Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

142 81.7 59.0 88.4





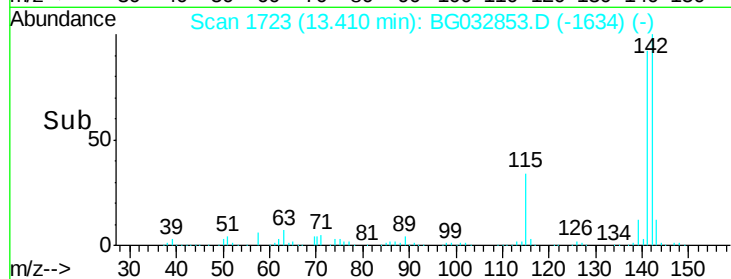
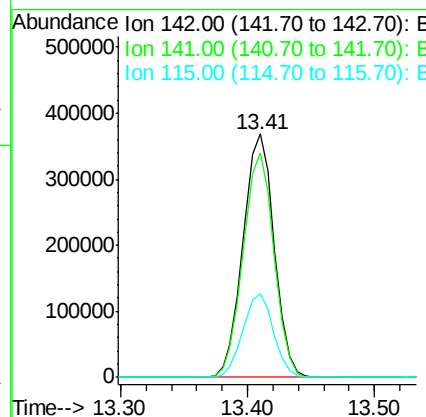
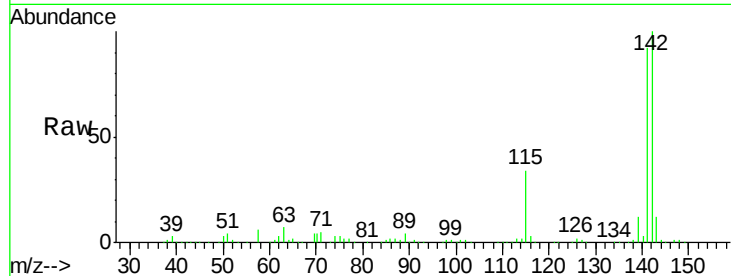
#37  
2-Methylnaphthalene  
Concen: 41.207 ng  
RT: 13.41 min Scan# 1723  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 67.1  | 100.7 |
| 115     | 34.4  | 30.7  | 46.1  |

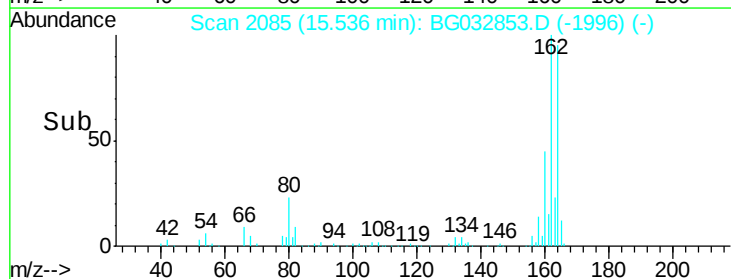
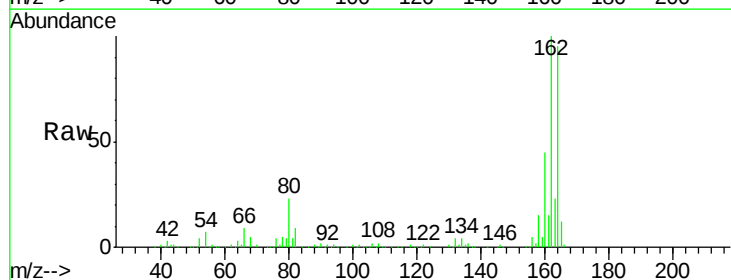
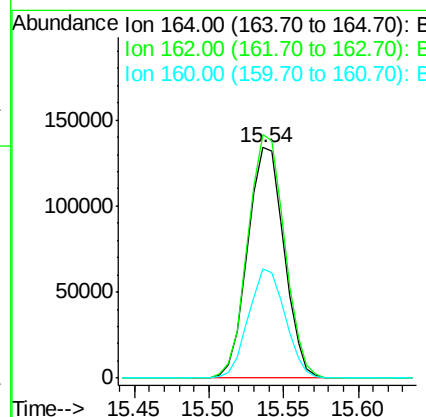
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2085  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.6 | 78.8  | 118.2 |
| 160     | 47.2  | 35.4  | 53.0  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.202 ng

RT: 13.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

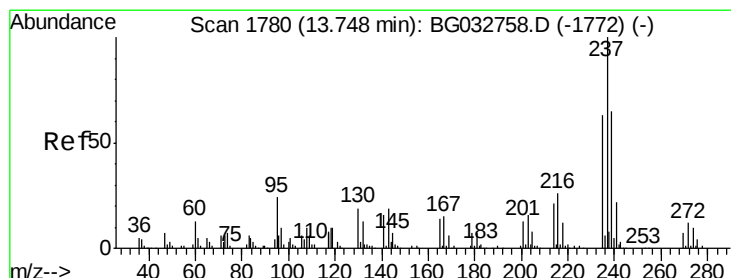
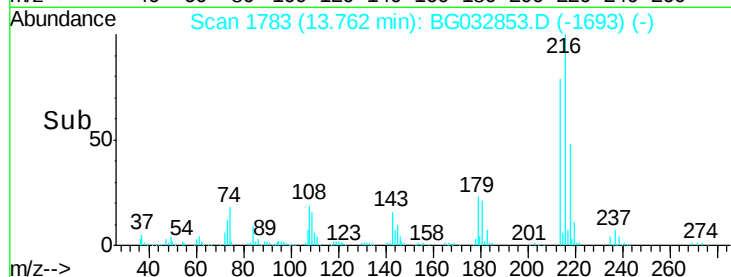
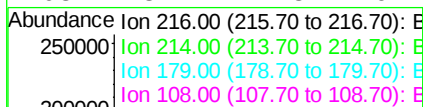
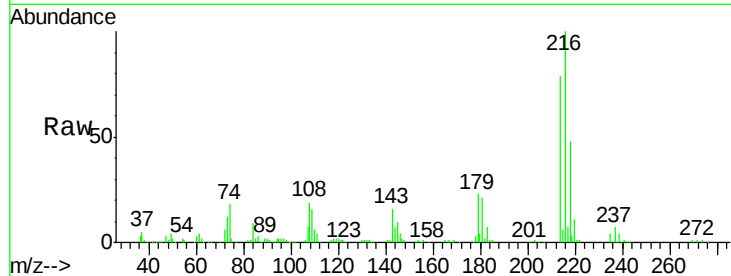
ClientSampleId :

NB-01-022318MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 262785 |       |       |
| 214     | 79.9 |       | 63.0   | 94.4  |       |
| 179     | 23.0 |       | 17.0   | 25.6  |       |
| 108     | 23.4 |       | 12.8   | 19.2  |       |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#40

Hexachlorocyclopentadiene

Concen: 92.730 ng

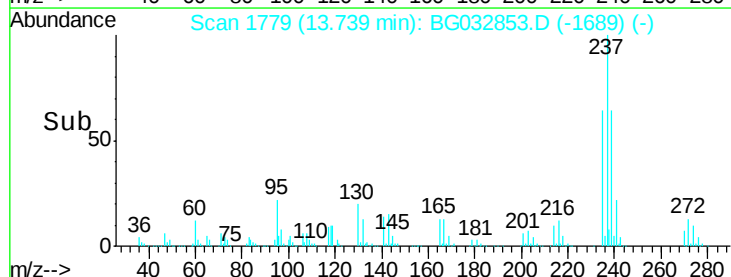
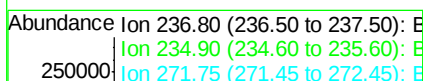
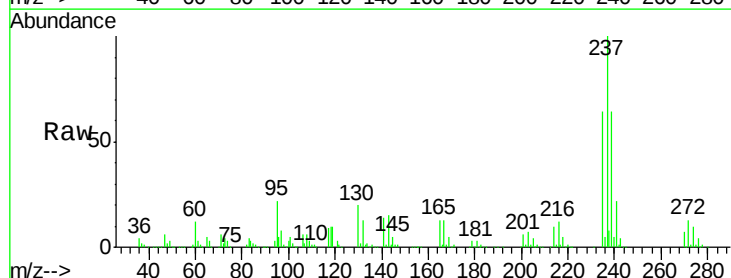
RT: 13.74 min Scan# 1779

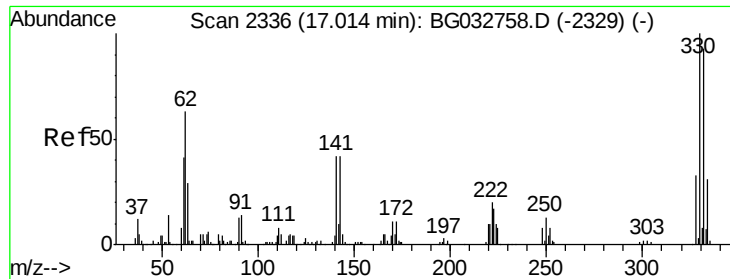
Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 316790 |       |       |
| 235     | 64.3 |       | 50.4   | 90.4  |       |
| 272     | 13.2 |       | 0.0    | 31.8  |       |





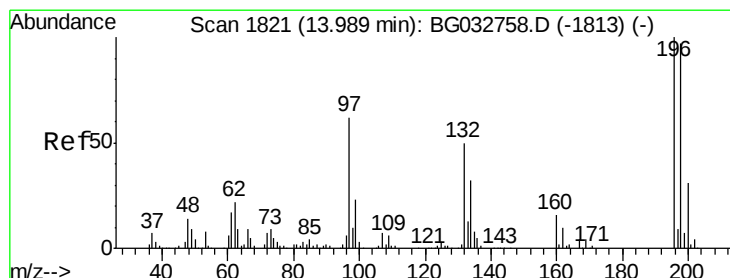
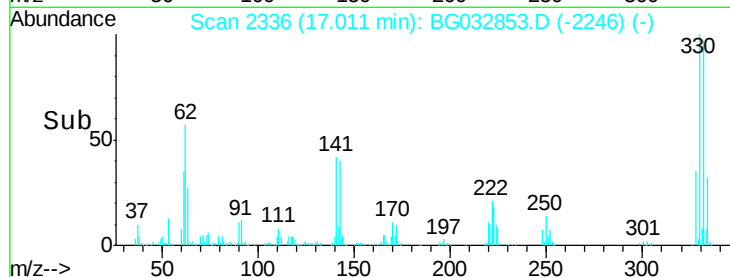
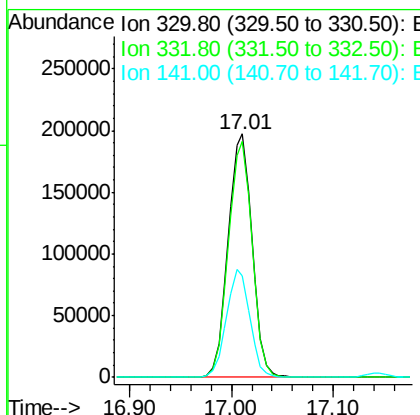
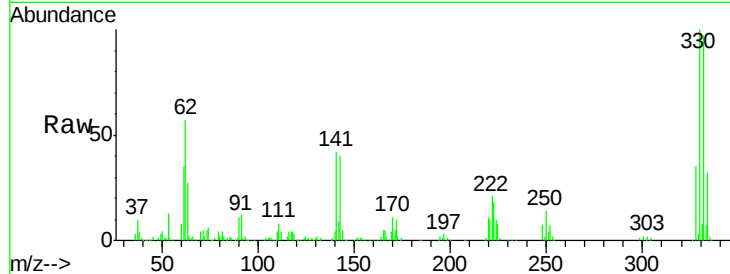
#41  
 2,4,6-Tribromophenol  
 Concen: 135.773 ng  
 RT: 17.01 min Scan# 2336  
 Delta R.T. 0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.0  | 115.6 |
| 141     | 43.3  | 25.2  | 37.8  |

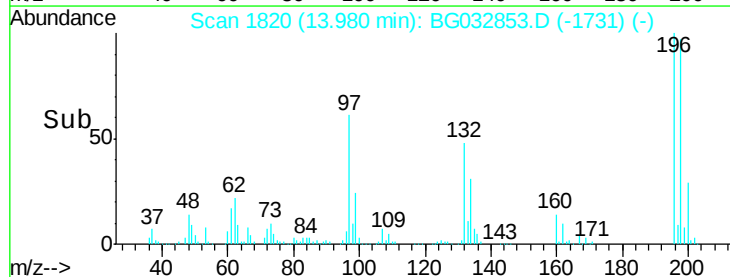
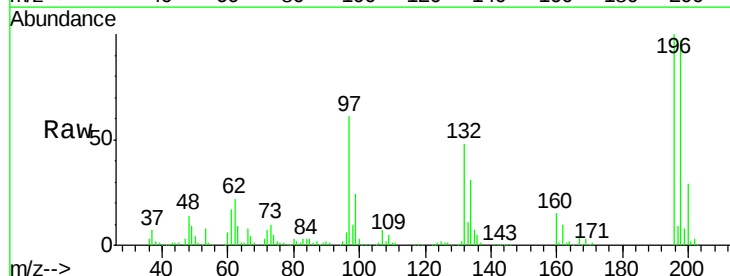
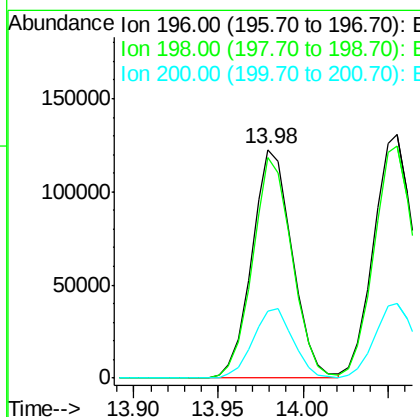
Manual Integrations  
 APPROVED

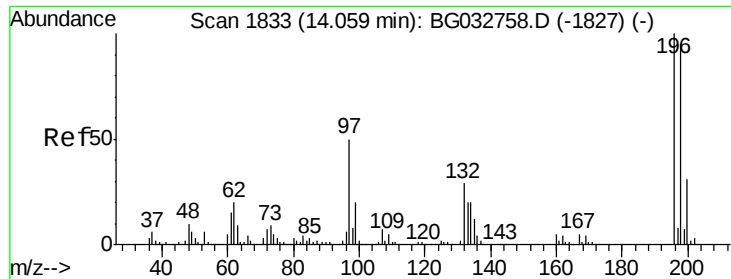
Sohil  
 2/28/2018 1:01:27 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 47.728 ng  
 RT: 13.98 min Scan# 1820  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 78.2  | 117.2 |
| 200     | 29.2  | 24.6  | 36.8  |





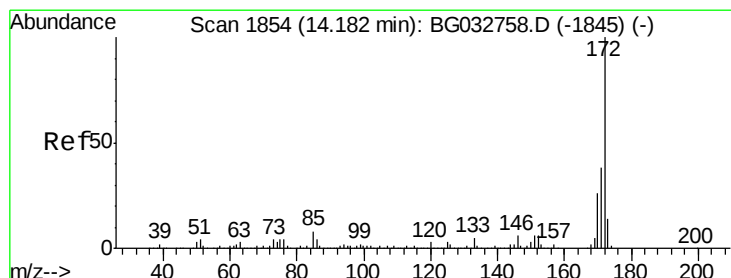
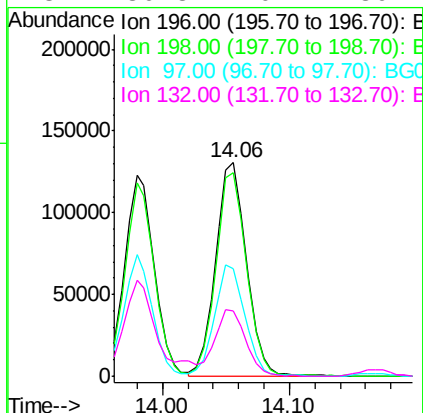
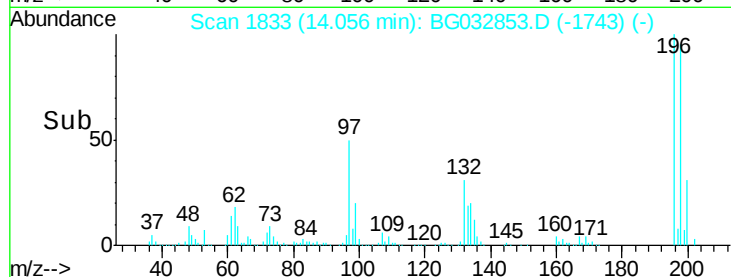
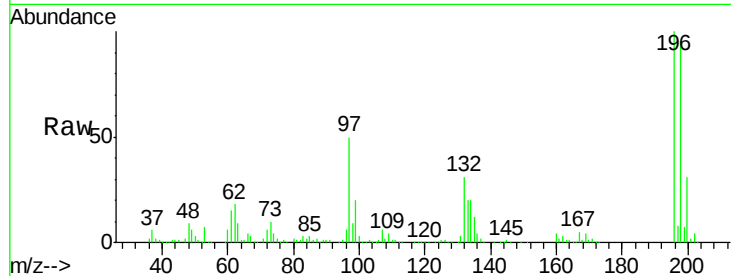
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.892 ng  
 RT: 14.06 min Scan# 1833  
 Delta R.T. 0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 219643 |       |       |
| 198     | 95.2  | 76.2   | 114.4 |       |
| 97      | 50.1  | 38.7   | 58.1  |       |
| 132     | 30.8  | 20.2   | 30.2  |       |

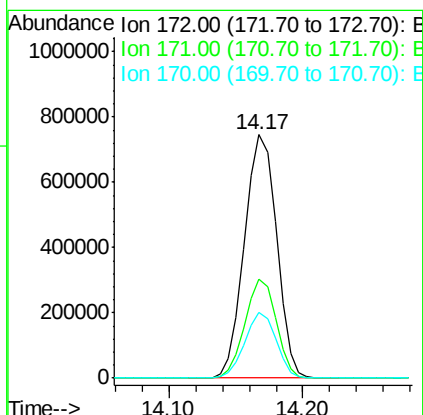
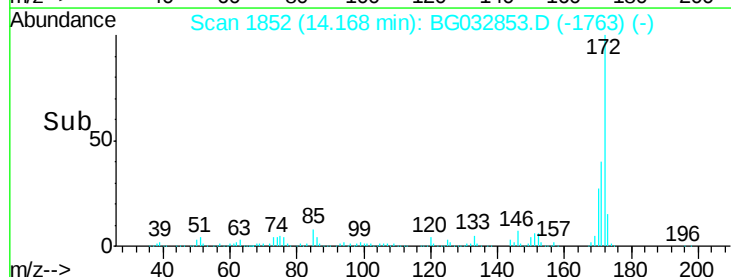
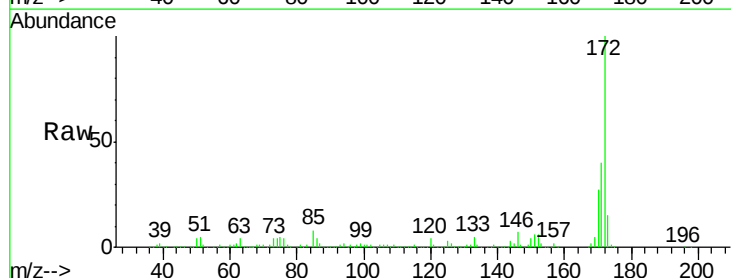
Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:01:27 PM



#44  
 2-Fluorobiphenyl  
 Concen: 79.423 ng  
 RT: 14.17 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1243519 |       |       |
| 171     | 40.5  | 30.0    | 45.0  |       |
| 170     | 26.8  | 19.5    | 29.3  |       |





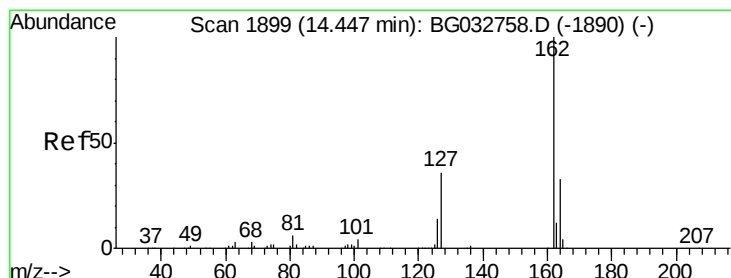
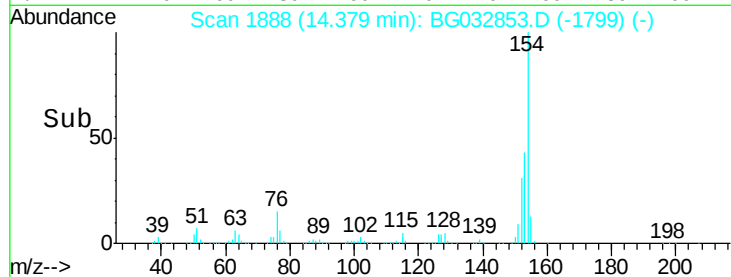
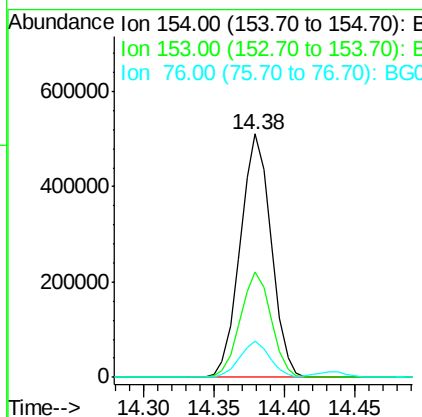
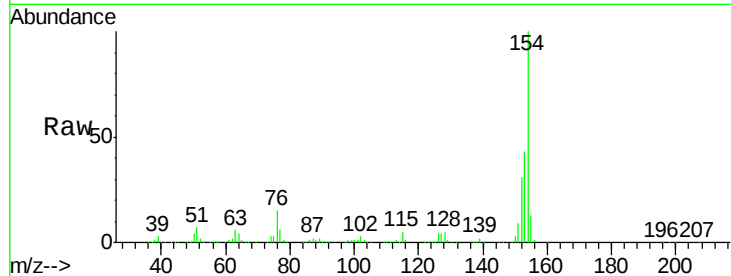
#45  
 1,1'-Biphenyl  
 Concen: 39.640 ng  
 RT: 14.38 min Scan# 1888  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 782189 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 43.4  | 19.8  | 59.8   |
| 76        | 14.8  | 0.0   | 31.9   |

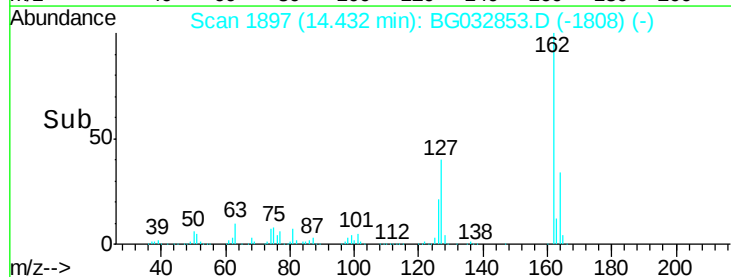
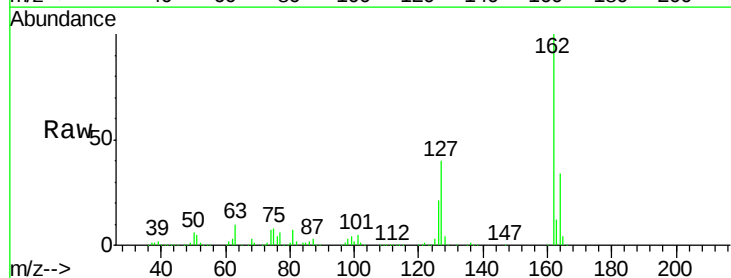
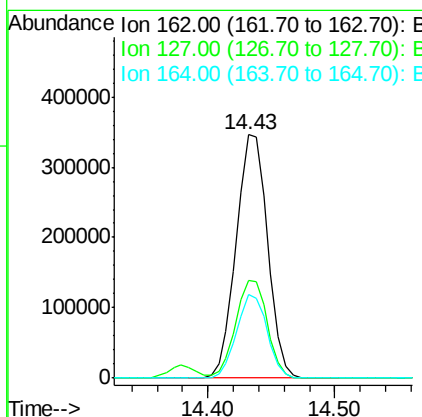
Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:01:27 PM



#46  
 2-Chloronaphthalene  
 Concen: 40.342 ng  
 RT: 14.43 min Scan# 1897  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 594646 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.3  | 30.7  | 46.1   |
| 164       | 34.2  | 26.0  | 39.0   |





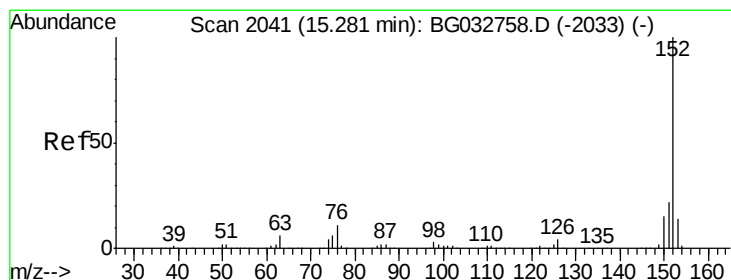
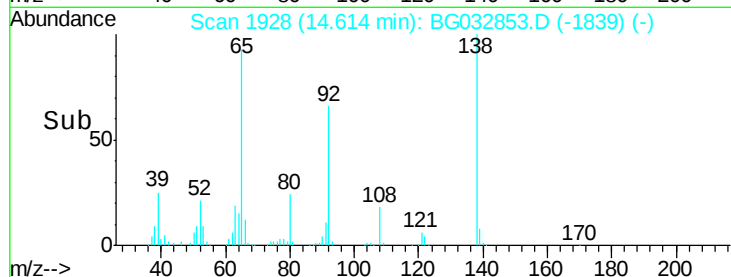
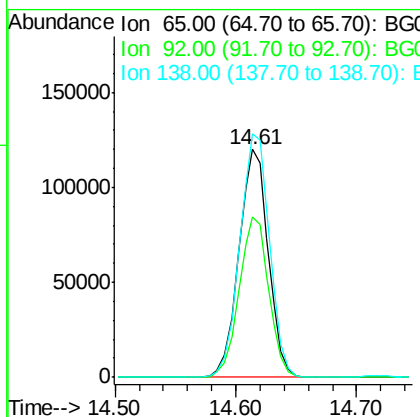
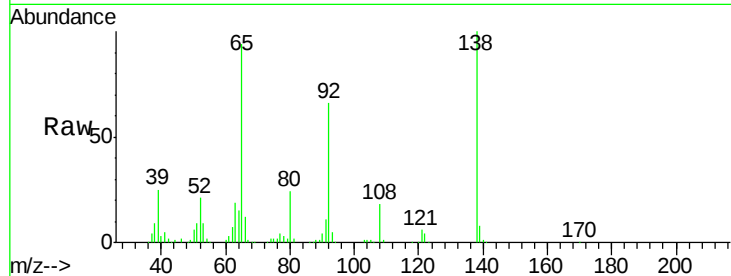
#47  
2-Nitroaniline  
Concen: 53.341 ng  
RT: 14.61 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.2  | 54.6  | 82.0  |
| 138     | 106.8 | 72.9  | 109.3 |

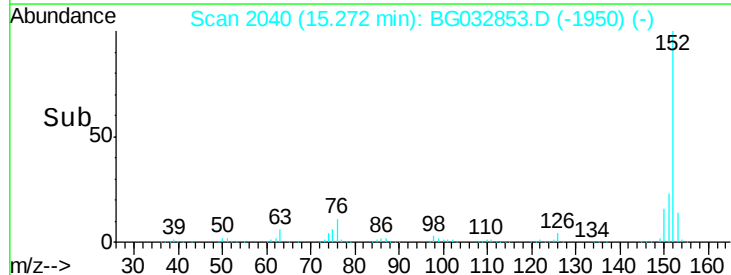
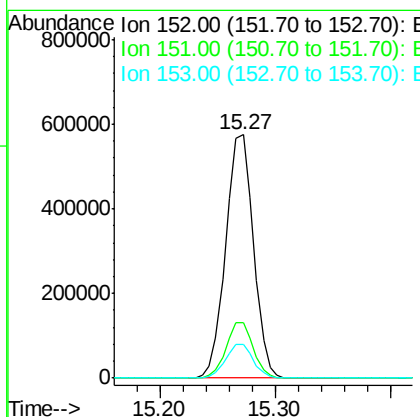
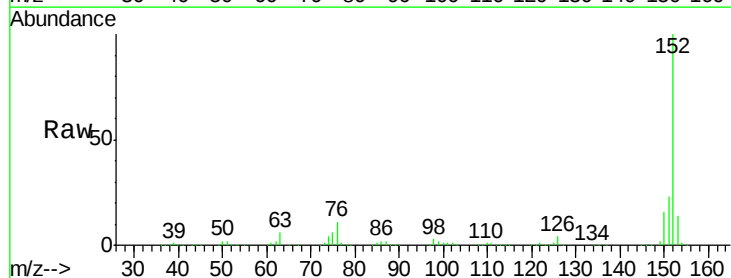
Manual Integrations  
APPROVED

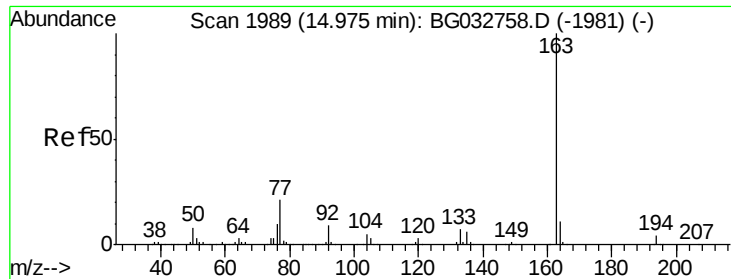
Sohil  
2/28/2018 1:01:27 PM



#48  
Acenaphthylene  
Concen: 39.676 ng  
RT: 15.27 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.7  | 17.2  | 25.8  |
| 153     | 14.1  | 10.2  | 15.4  |





#49

Dimethylphthalate

Concen: 40.263 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

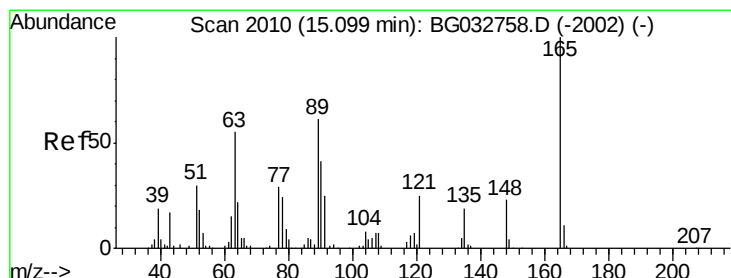
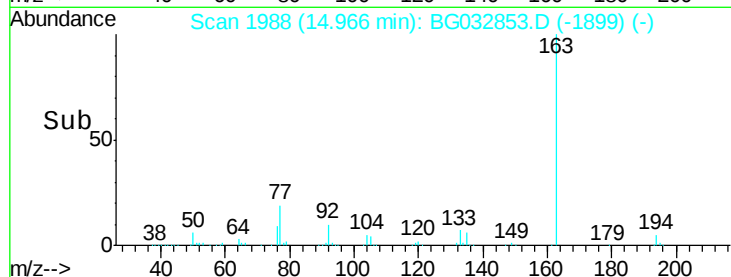
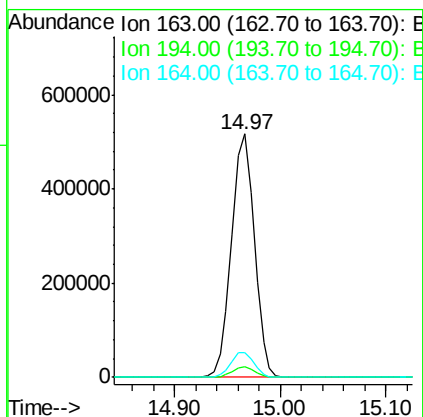
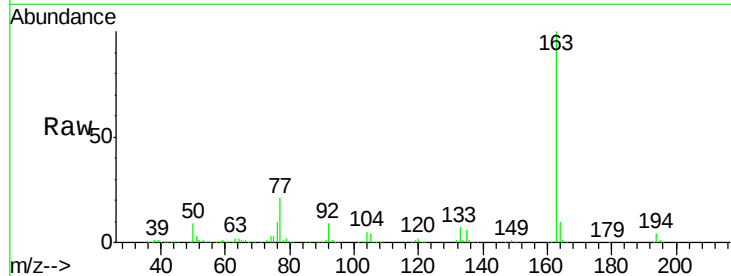
ClientSampleId :

NB-01-022318MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 771986 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.4   | 5.2    |
| 164       | 10.3  | 8.2   | 12.4   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#50

2,6-Dinitrotoluene

Concen: 53.242 ng

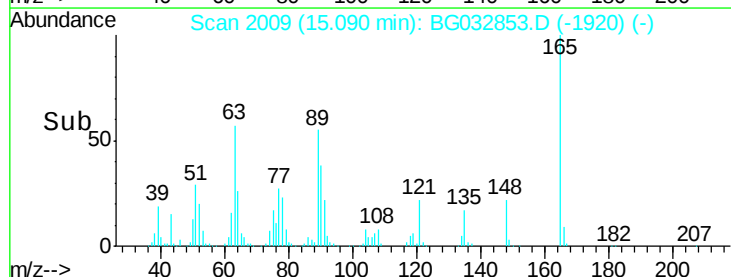
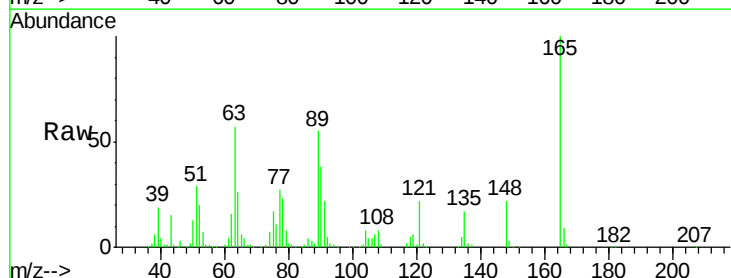
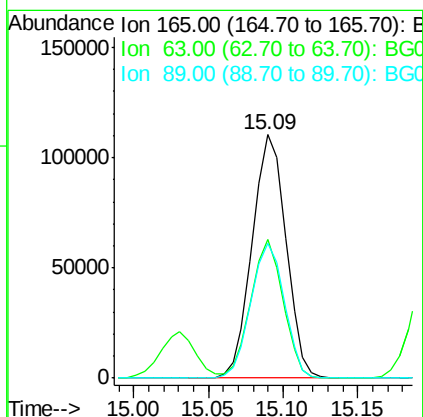
RT: 15.09 min Scan# 2009

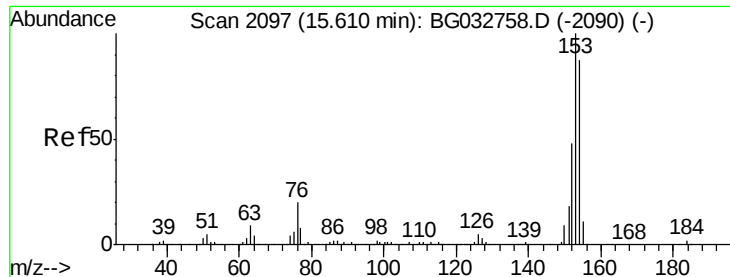
Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 172750 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 57.0  | 52.7  | 79.1   |
| 89        | 55.5  | 49.2  | 73.8   |





#51

Acenaphthene

Concen: 41.964 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

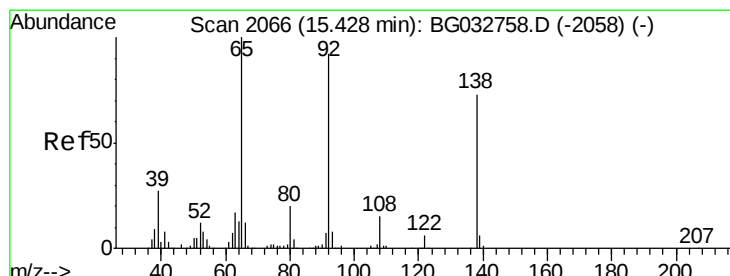
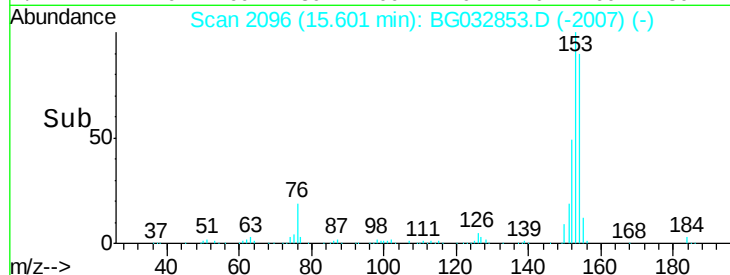
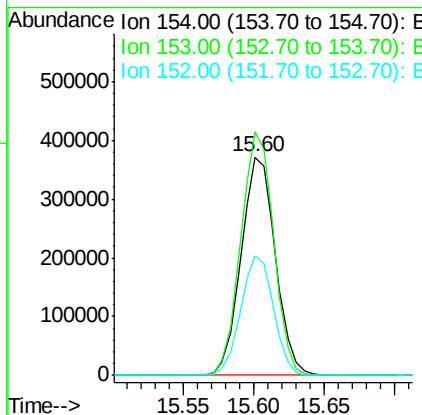
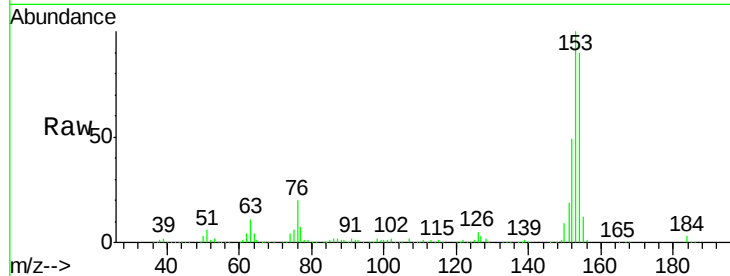
ClientSampleId :

NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.5 | 90.4  | 135.6 |
| 152     | 54.8  | 41.6  | 62.4  |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#52

3-Nitroaniline

Concen: 32.868 ng

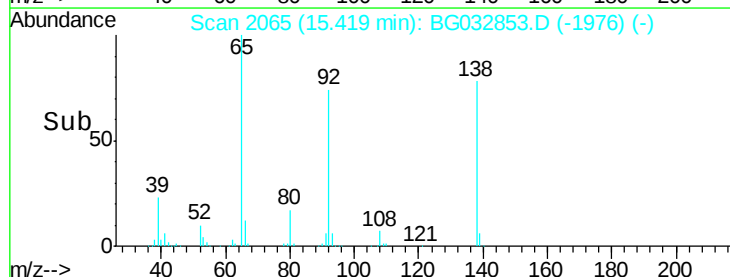
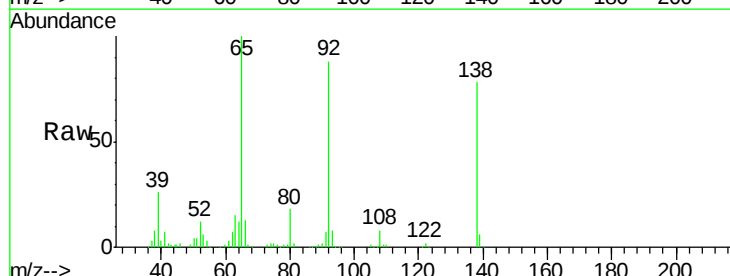
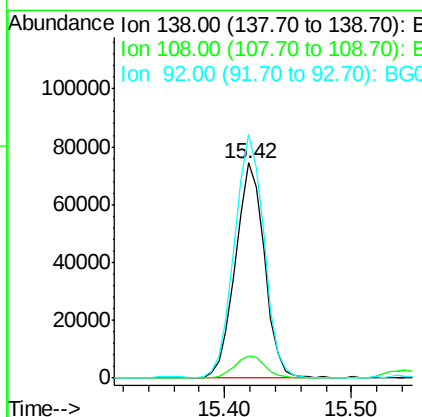
RT: 15.42 min Scan# 2065

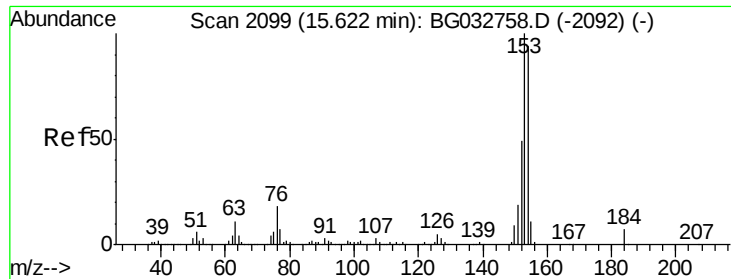
Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 17.5  | 26.3# |
| 92      | 113.0 | 105.8 | 158.8 |





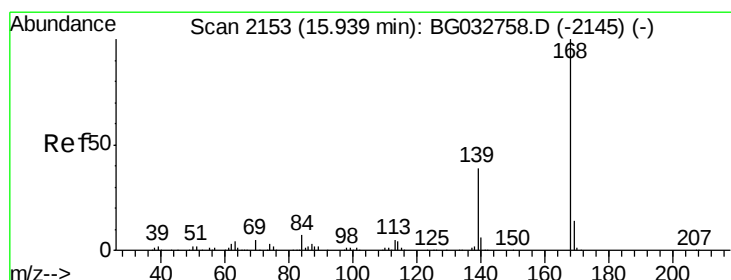
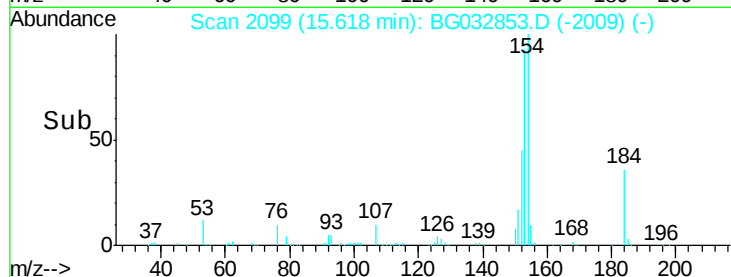
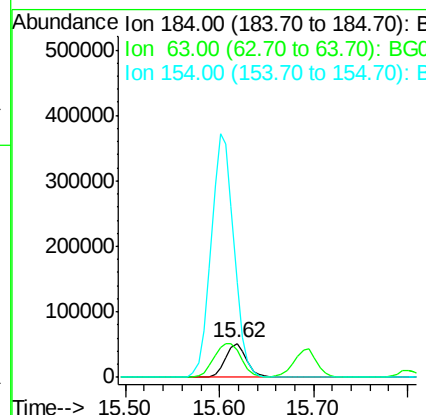
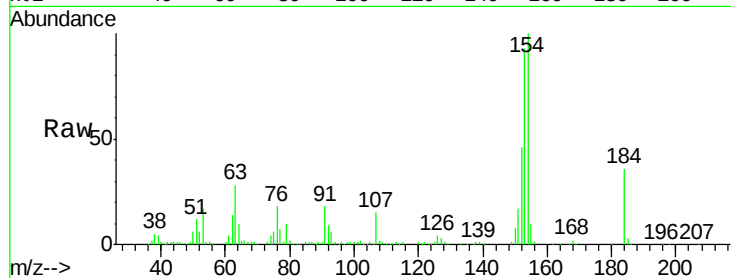
#53  
2,4-Dinitrophenol  
Concen: 81.414 ng  
RT: 15.62 min Scan# 2099  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 80.0  | 59.8  | 89.8   |
| 154     | 280.6 | 101.8 | 152.8# |

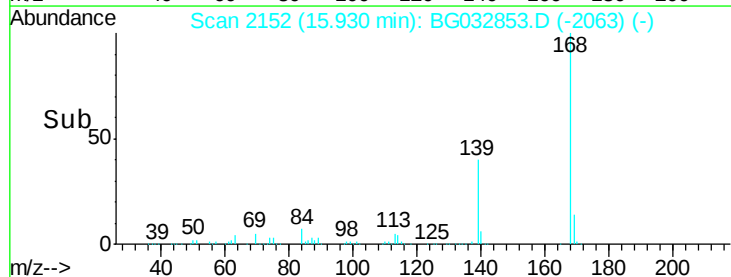
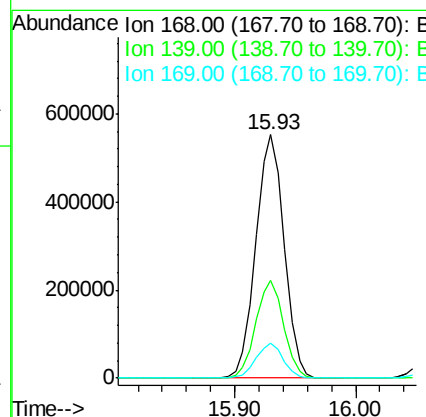
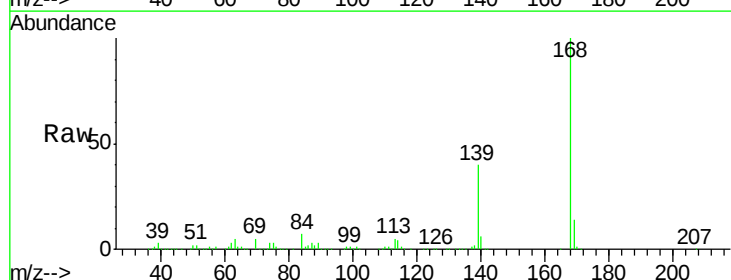
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#54  
Dibenzofuran  
Concen: 41.985 ng  
RT: 15.93 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.3  | 28.6  | 43.0  |
| 169     | 14.3  | 11.2  | 16.8  |





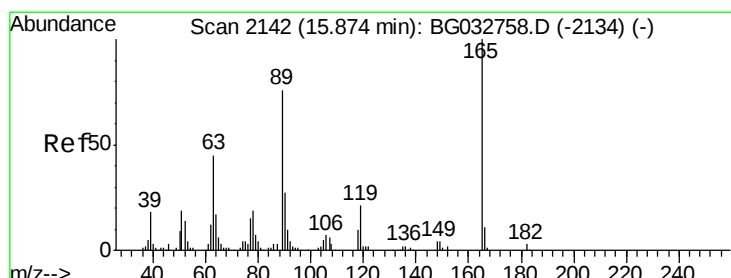
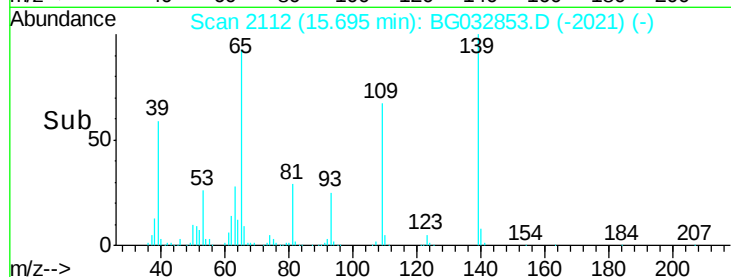
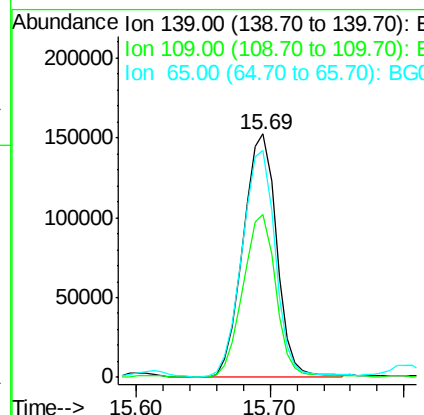
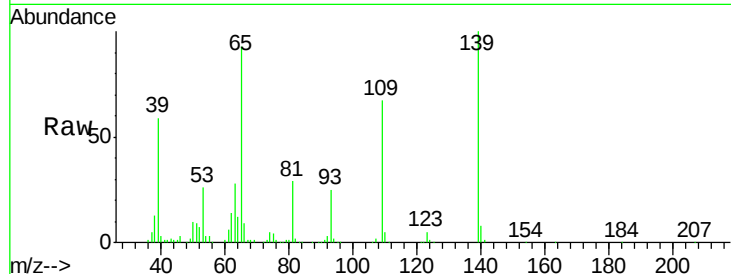
#55  
4-Nitrophenol  
Concen: 84.115 ng  
RT: 15.69 min Scan# 2112  
Delta R.T. 0.01 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 265360 |        |       |
| 109     | 66.9  | 62.2   | 102.2  |       |
| 65      | 93.2  | 97.2   | 137.2# |       |

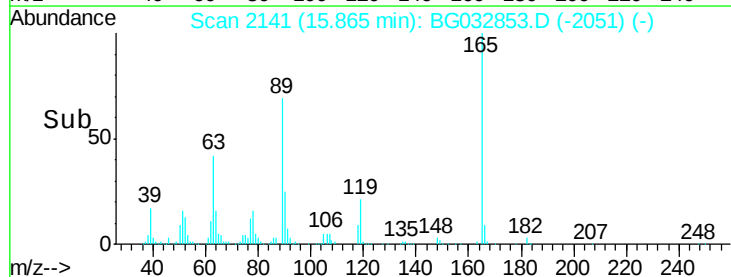
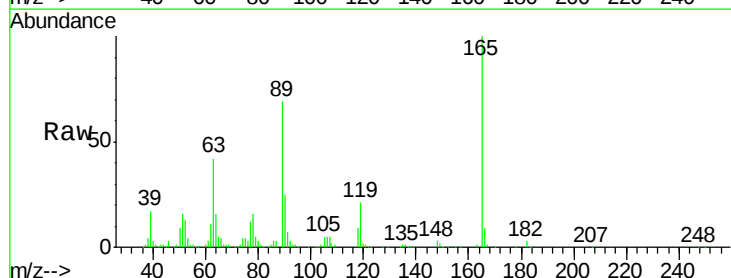
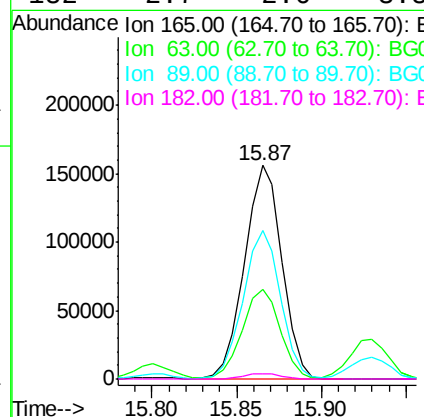
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#56  
2,4-Dinitrotoluene  
Concen: 60.113 ng  
RT: 15.87 min Scan# 2141  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 238839 |       |       |
| 63      | 42.2  | 42.0   | 63.0  |       |
| 89      | 69.3  | 66.9   | 100.3 |       |
| 182     | 2.7   | 2.6    | 3.8   |       |





#57

Fluorene

Concen: 41.163 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

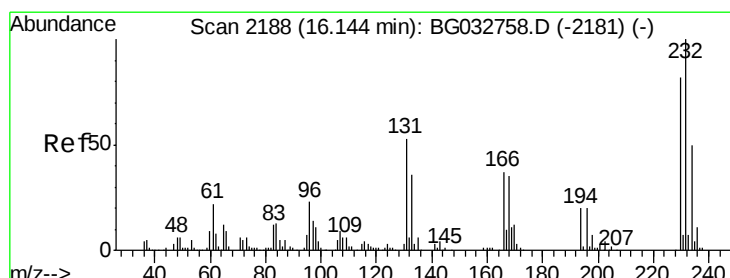
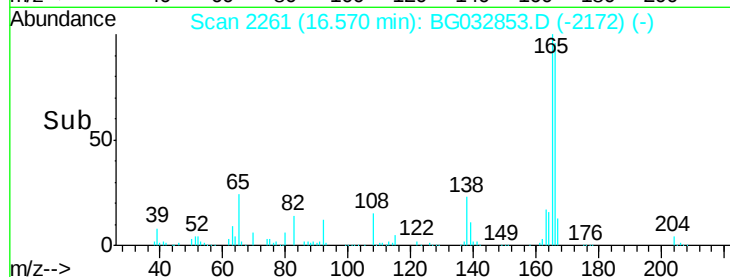
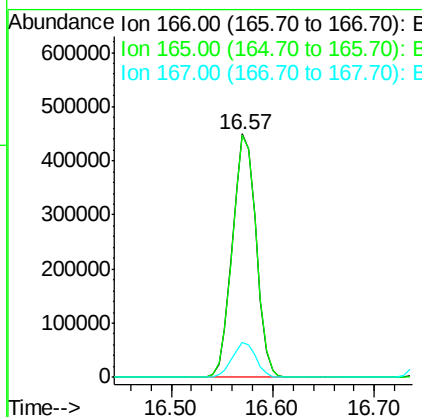
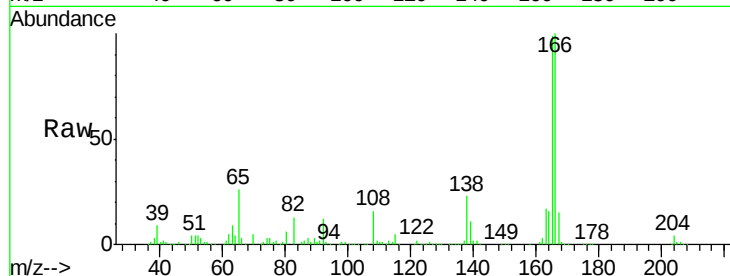
ClientSampleId :

NB-01-022318MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 166  | Resp: | 727065 |
| Ion Ratio |      | Lower | Upper  |
| 166       | 100  |       |        |
| 165       | 99.4 | 80.6  | 121.0  |
| 167       | 14.5 | 10.4  | 15.6   |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.185 ng m

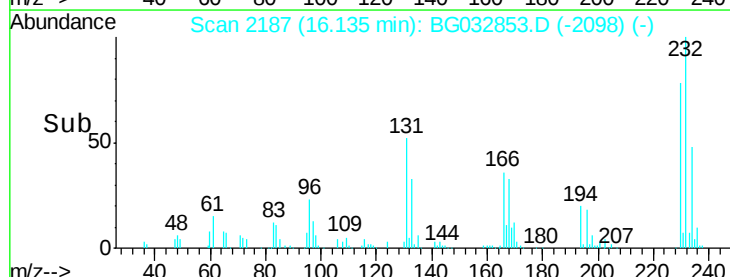
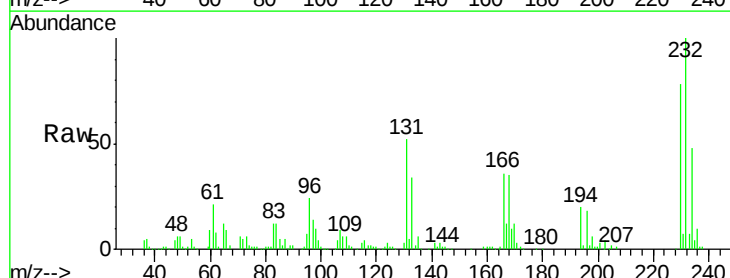
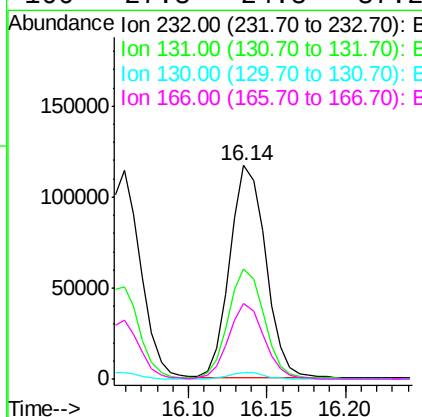
RT: 16.14 min Scan# 2187

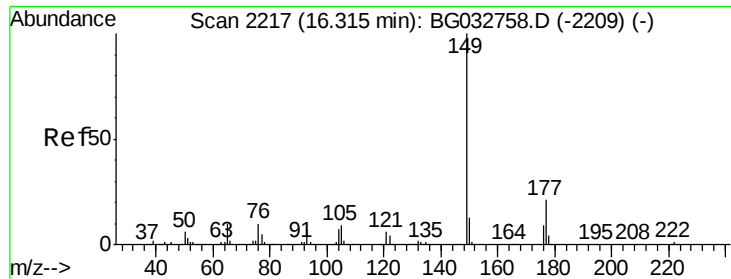
Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 232  | Resp: | 186836 |
| Ion Ratio |      | Lower | Upper  |
| 232       | 100  |       |        |
| 131       | 44.4 | 33.5  | 50.3   |
| 130       | 3.0  | 2.2   | 3.2    |
| 166       | 27.3 | 24.8  | 37.2   |





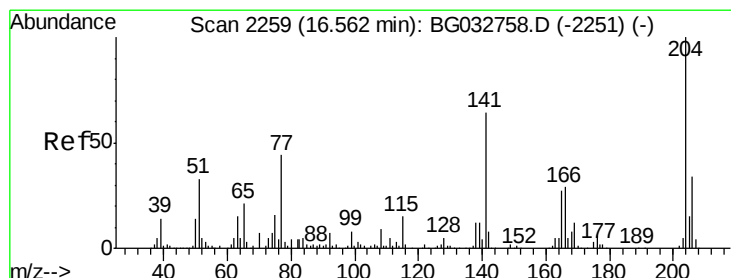
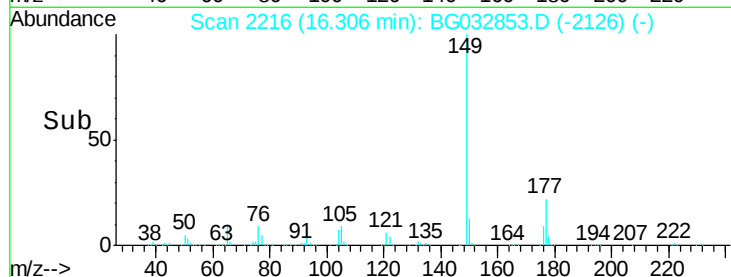
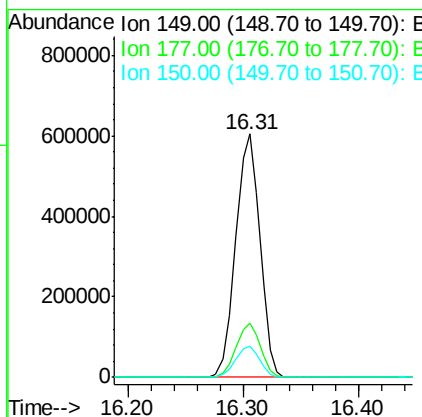
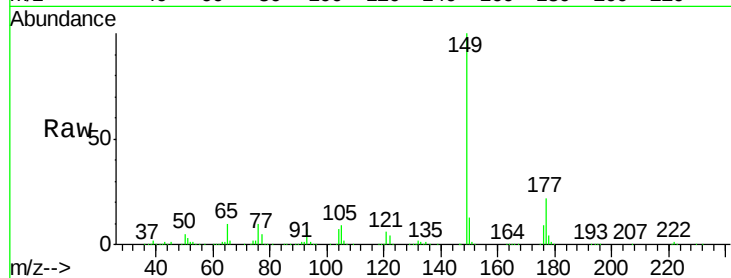
#59  
Diethylphthalate  
Concen: 43.309 ng  
RT: 16.31 min Scan# 2216  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 18.5  | 27.7  |
| 150     | 12.9  | 10.2  | 15.2  |

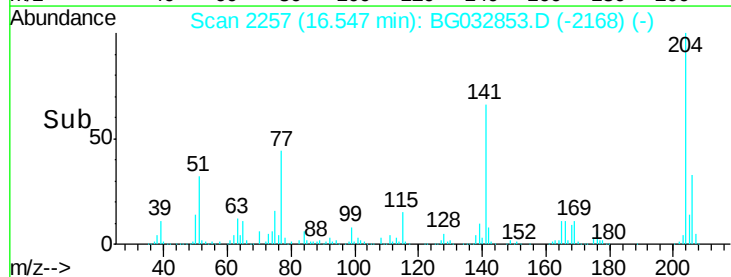
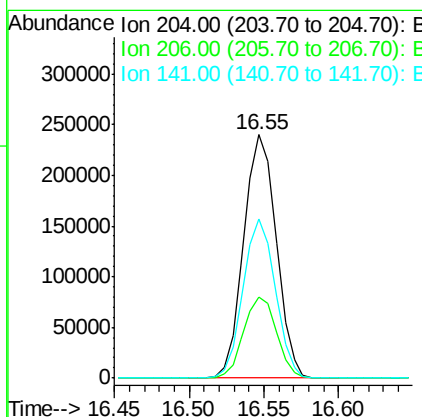
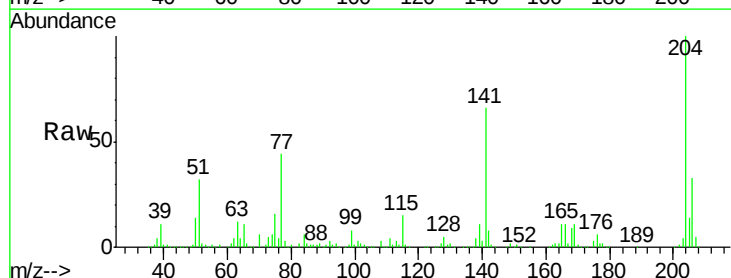
Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 41.930 ng  
RT: 16.55 min Scan# 2257  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 26.2  | 39.2  |
| 141     | 65.6  | 45.8  | 68.6  |





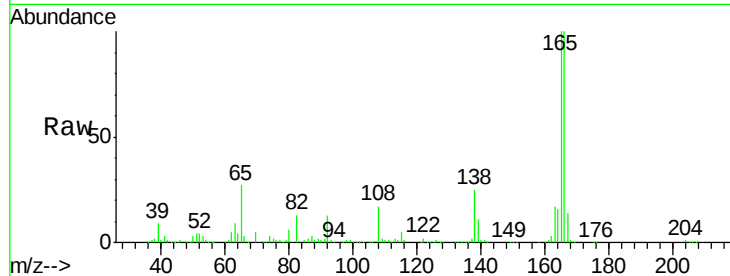
#61  
4-Nitroaniline  
Concen: 45.563 ng  
RT: 16.58 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.0  | 40.1  | 80.1  |
| 108     | 66.4  | 65.4  | 105.4 |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM

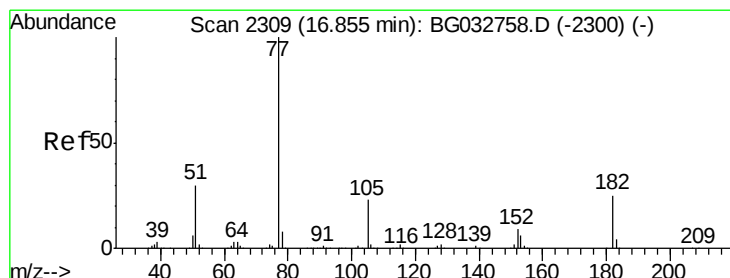
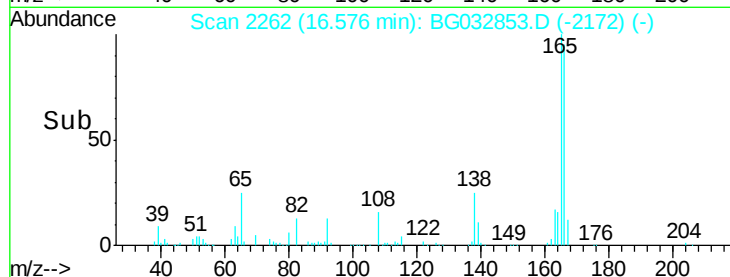
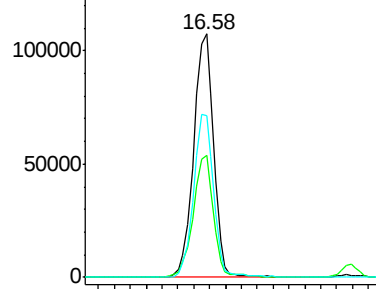


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62  
Azobenzene  
Concen: 41.564 ng  
RT: 16.84 min Scan# 2307  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 7.4   | 47.4  |
| 105     | 23.2  | 0.3   | 40.3  |
| 51      | 31.6  | 11.6  | 51.6  |

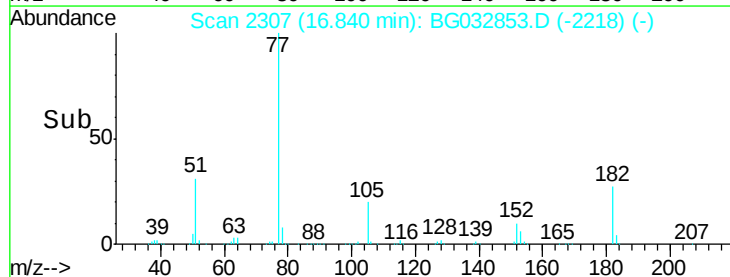
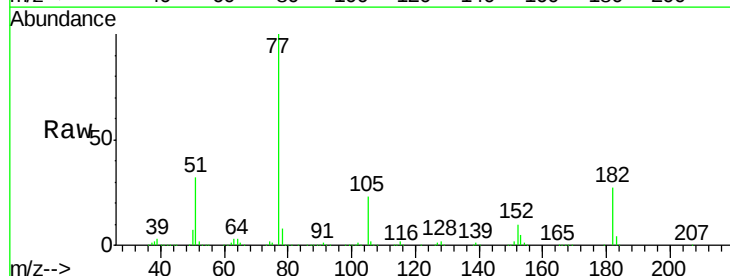
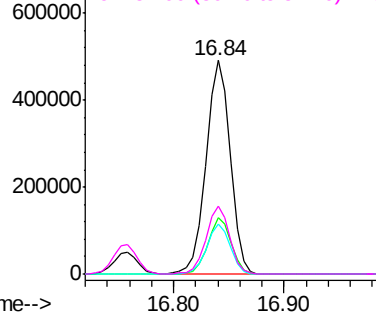
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





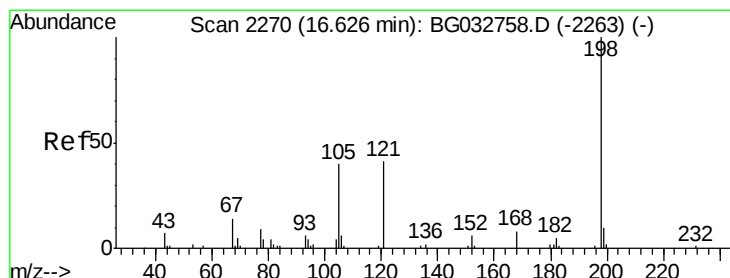
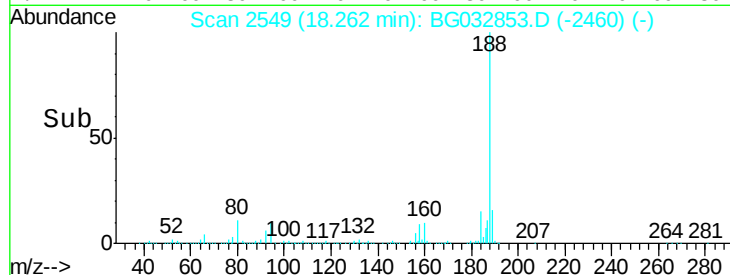
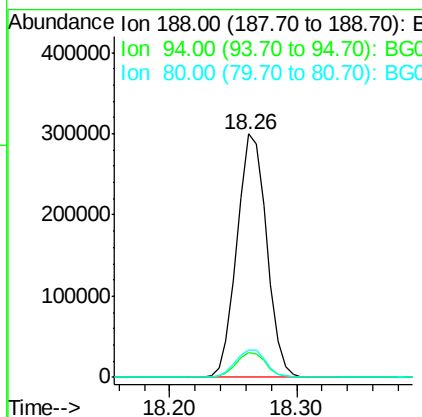
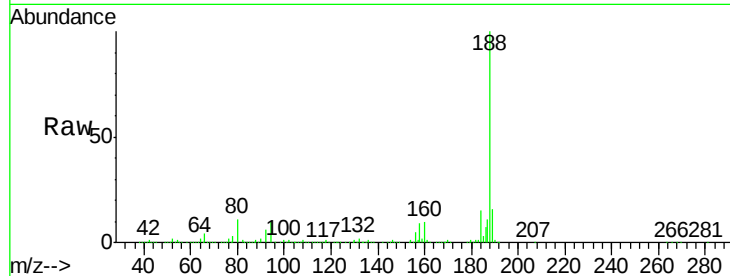
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.26 min Scan# 2549  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.2  | 6.9        | 10.3       |
| 80      | 11.2  | 7.7        | 11.5       |

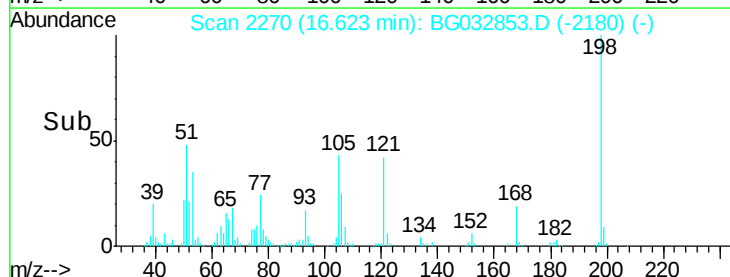
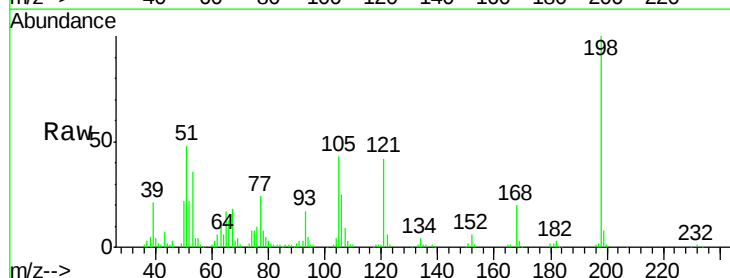
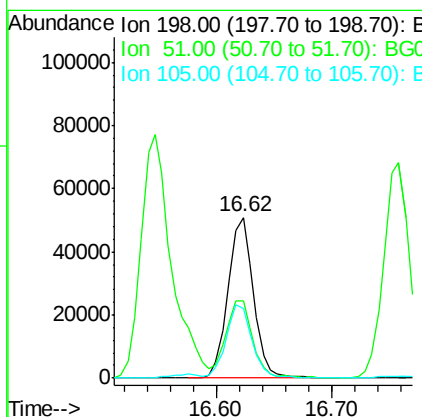
Manual Integrations  
APPROVED

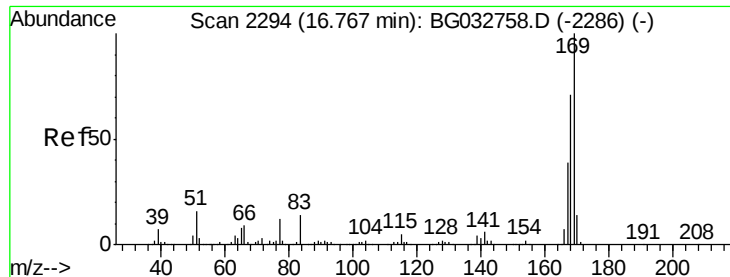
Sohil  
2/28/2018 1:01:27 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 52.819 ng  
RT: 16.62 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 48.2  | 30.6       | 70.6       |
| 105     | 43.5  | 23.8       | 63.8       |





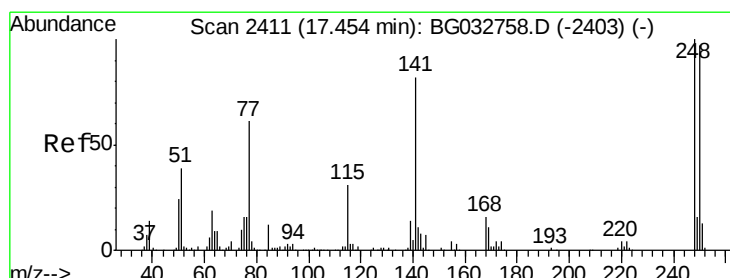
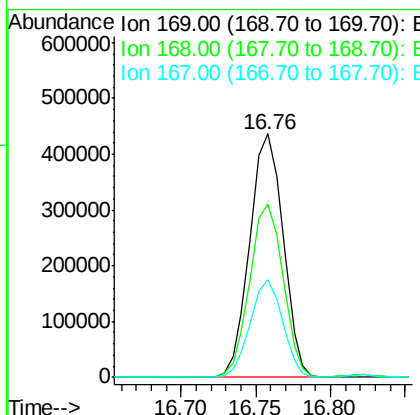
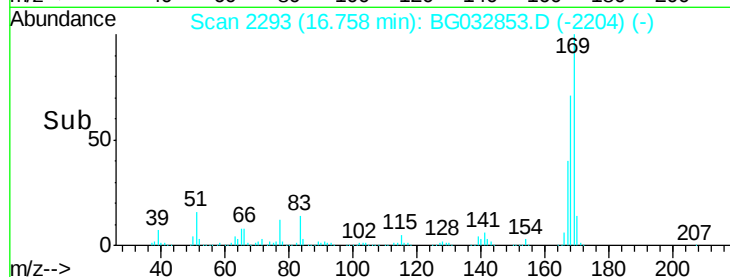
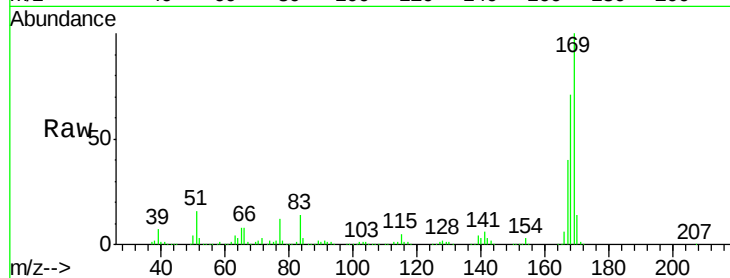
#65  
n-Nitrosodiphenylamine  
Concen: 42.804 ng  
RT: 16.76 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 169     | 100  |       | 675561 |       |       |
| 168     | 71.3 | 55.7  |        | 83.5  |       |
| 167     | 40.0 | 30.1  |        | 45.1  |       |

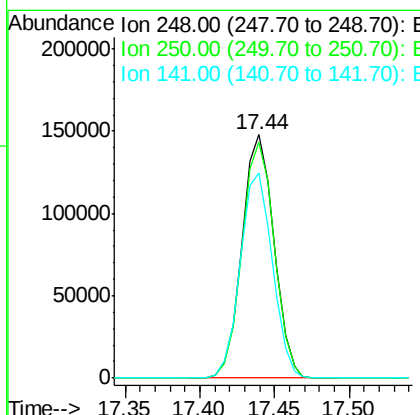
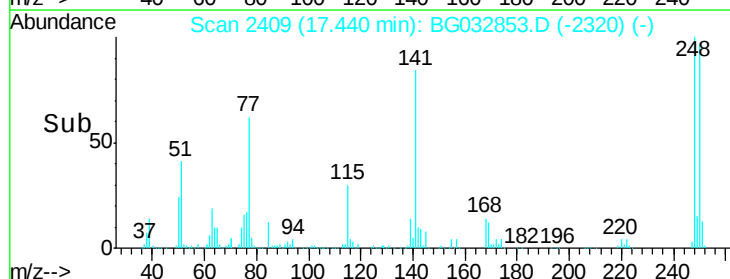
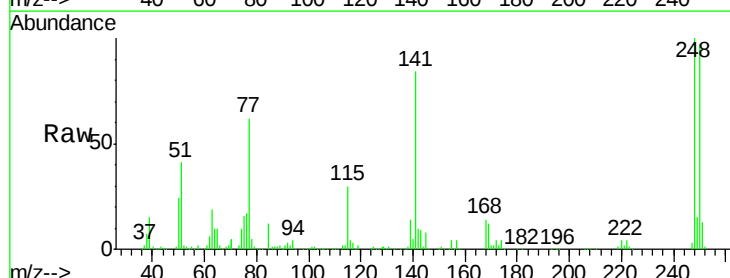
Manual Integrations  
APPROVED

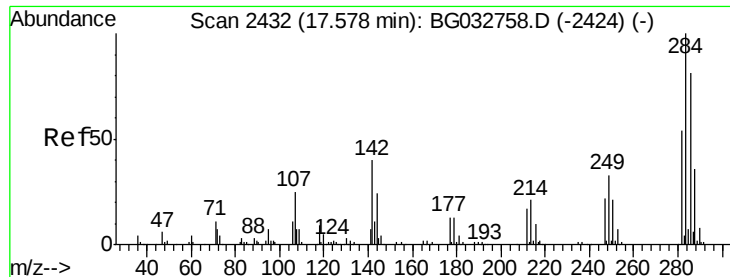
Sohil  
2/28/2018 1:01:27 PM



#66  
4-Bromophenyl-phenylether  
Concen: 42.566 ng  
RT: 17.44 min Scan# 2409  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 248     | 100  |       | 218365 |       |       |
| 250     | 96.8 | 77.1  |        | 115.7 |       |
| 141     | 84.1 | 50.8  |        | 76.2  |       |





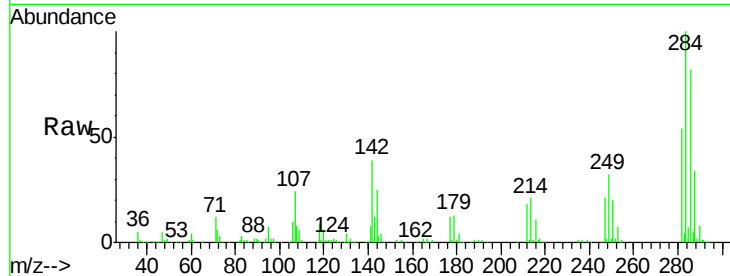
#67  
Hexachlorobenzene  
Concen: 40.869 ng  
RT: 17.57 min Scan# 2431  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

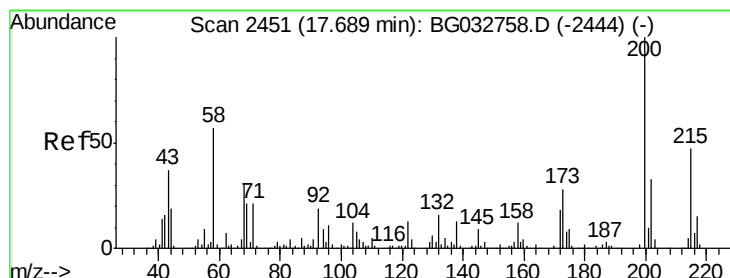
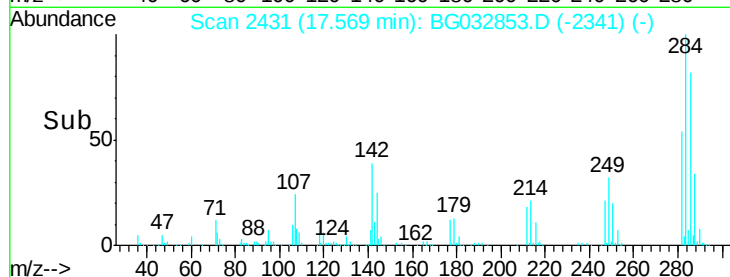
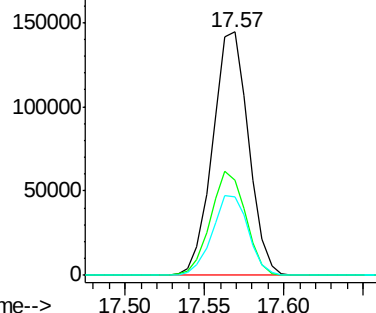
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 226566 |       |       |
| 142     | 39.3  | 26.8   | 40.2  |       |
| 249     | 32.4  | 26.3   | 39.5  |       |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM

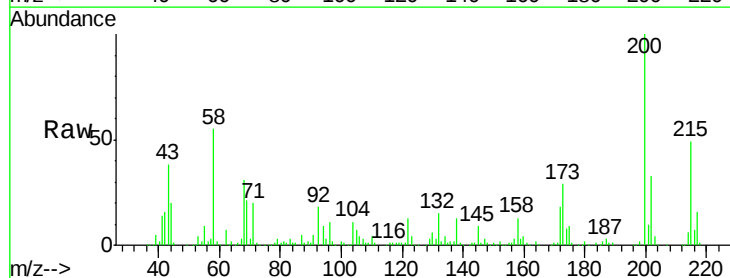


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

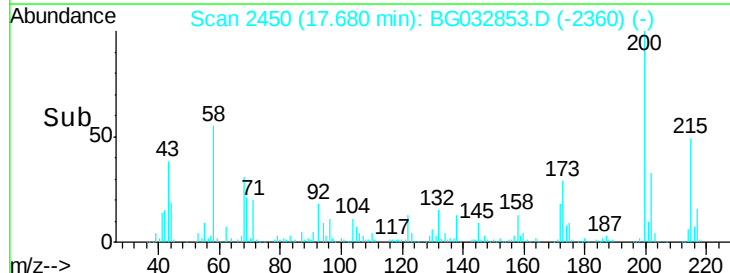
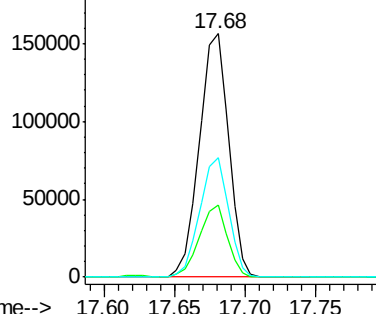


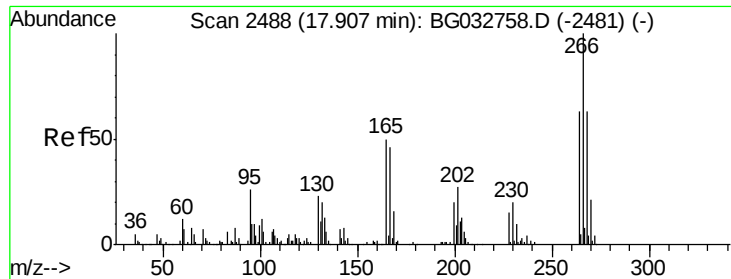
#68  
Atrazine  
Concen: 43.542 ng  
RT: 17.68 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 226203 |       |       |
| 173     | 29.4  | 5.2    | 45.2  |       |
| 215     | 49.1  | 30.4   | 70.4  |       |



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





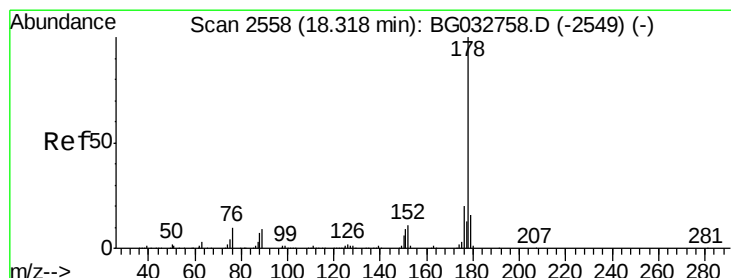
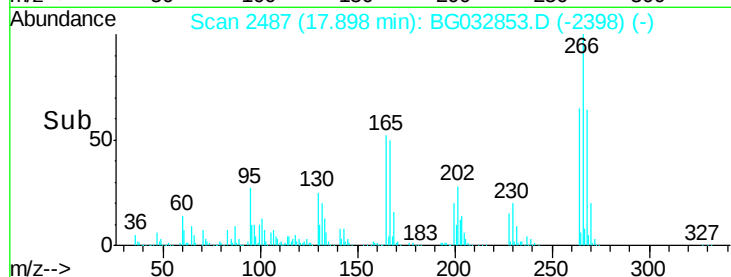
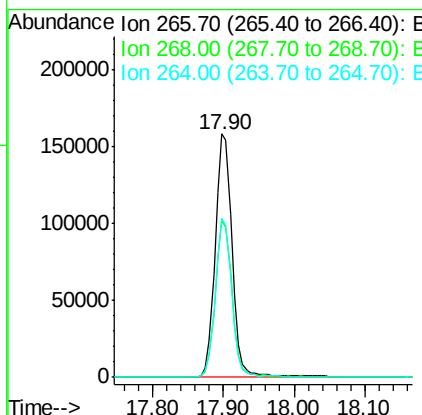
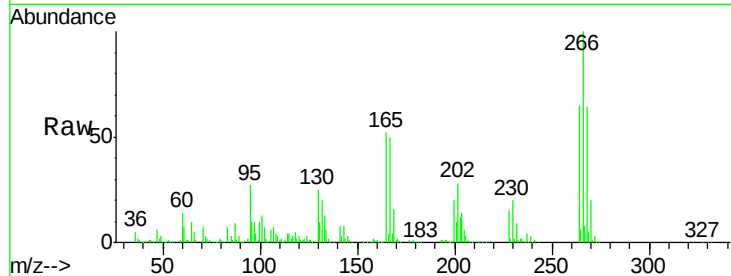
#69  
 Pentachlorophenol  
 Concen: 75.777 ng  
 RT: 17.90 min Scan# 2487  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.1  | 76.7  |
| 264     | 65.4  | 49.6  | 74.4  |

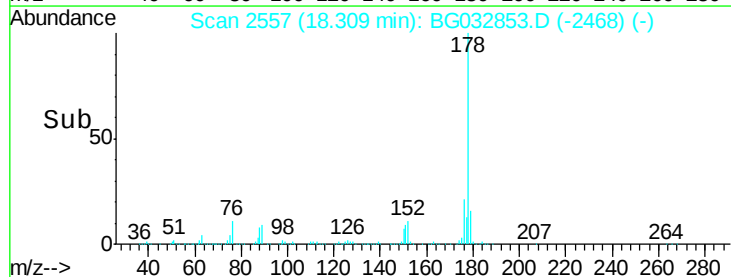
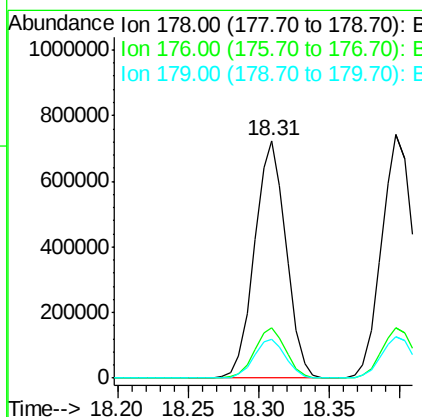
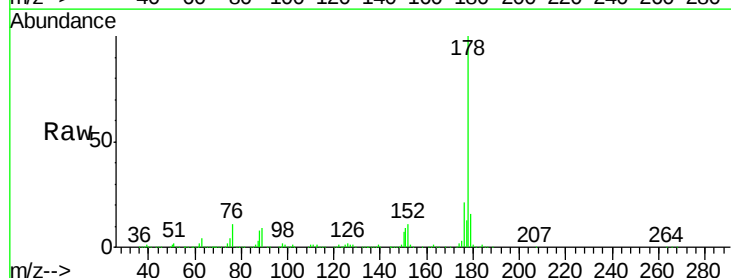
Manual Integrations  
 APPROVED

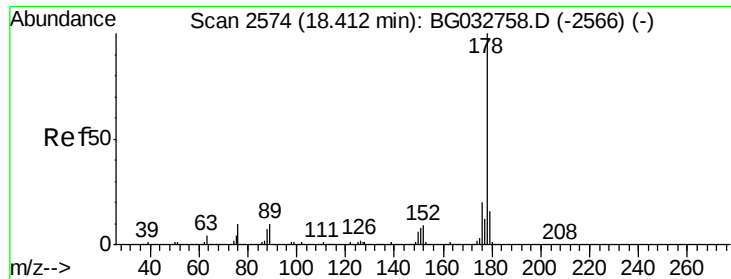
Sohil  
 2/28/2018 1:01:27 PM



#70  
 Phenanthrene  
 Concen: 41.837 ng  
 RT: 18.31 min Scan# 2557  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 15.7  | 23.5  |
| 179     | 16.5  | 12.5  | 18.7  |





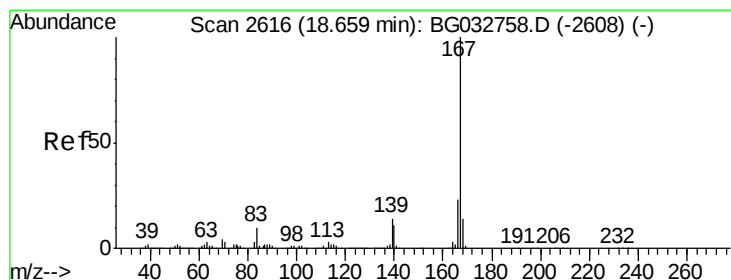
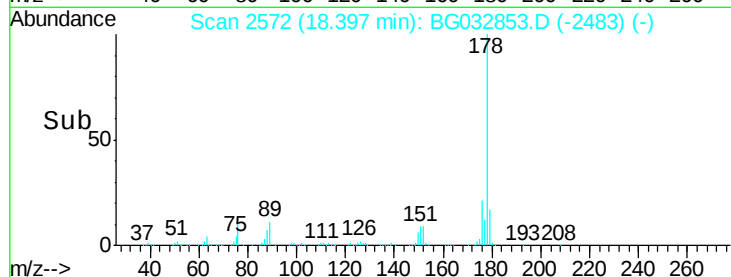
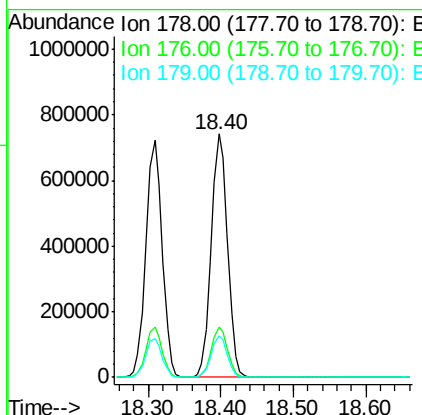
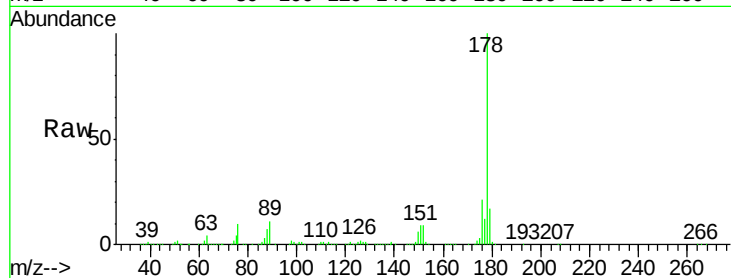
#71  
 Anthracene  
 Concen: 42.551 ng  
 RT: 18.40 min Scan# 2572  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.0  | 24.0  |
| 179     | 16.9  | 12.5  | 18.7  |

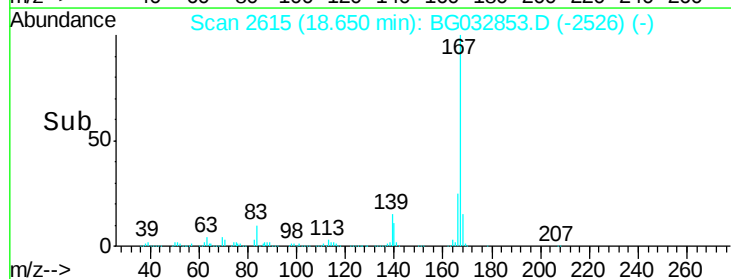
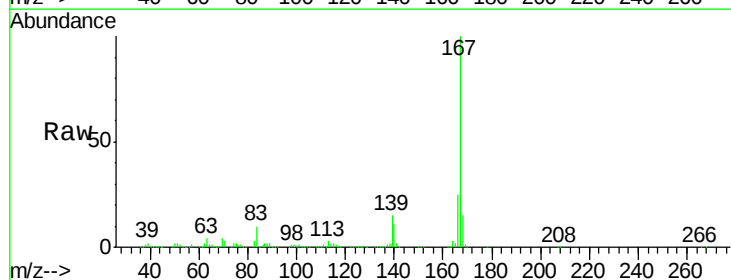
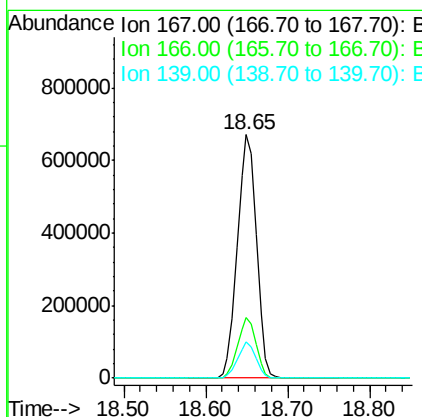
Manual Integrations  
 APPROVED

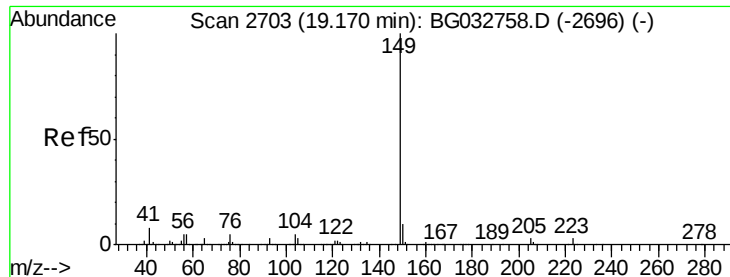
Sohil  
 2/28/2018 1:01:27 PM



#72  
 Carbazole  
 Concen: 40.773 ng  
 RT: 18.65 min Scan# 2615  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.6  | 18.2  | 27.4  |
| 139     | 14.8  | 9.4   | 14.2  |





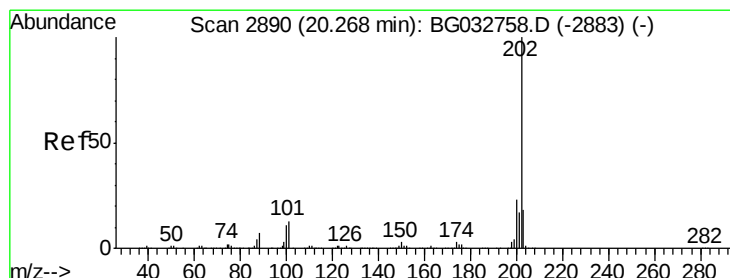
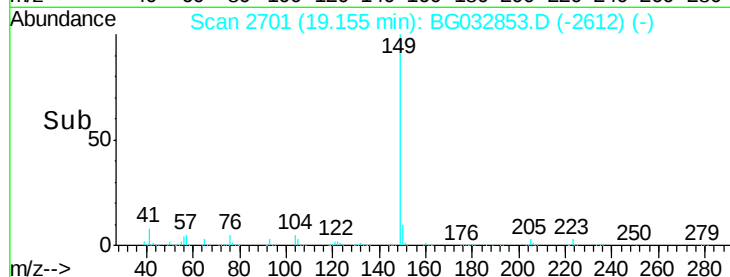
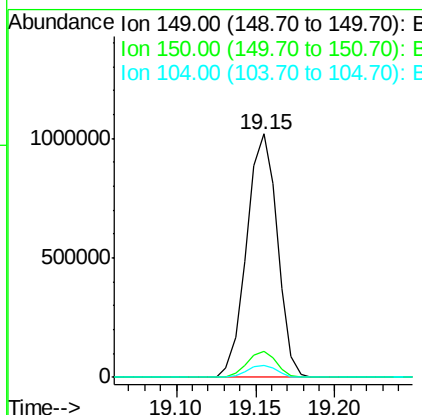
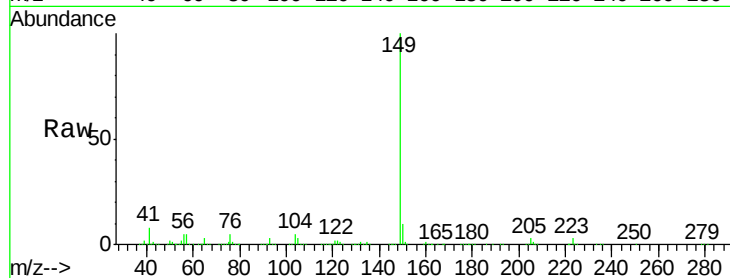
#73  
Di-n-butylphthalate  
Concen: 41.738 ng  
RT: 19.15 min Scan# 2701  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 7.8   | 11.6  |
| 104     | 5.1   | 3.9   | 5.9   |

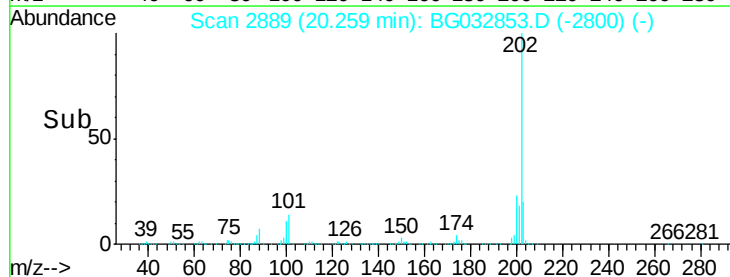
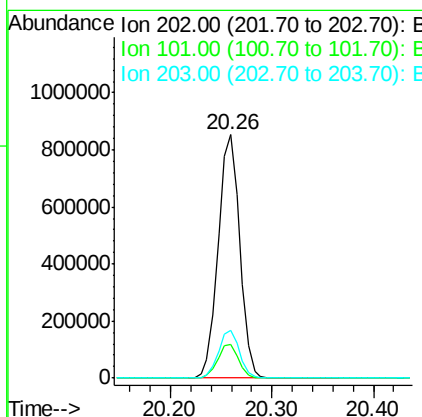
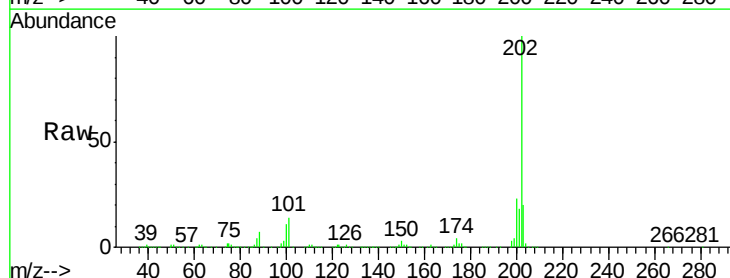
Manual Integrations  
APPROVED

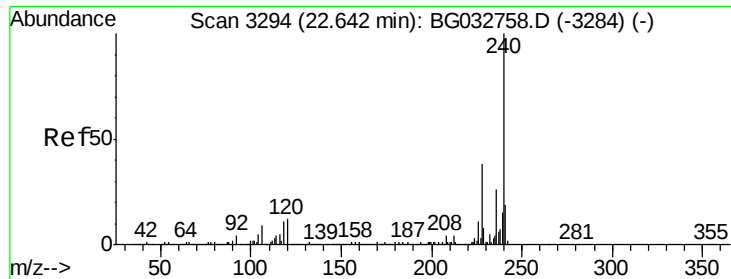
Sohil  
2/28/2018 1:01:27 PM



#74  
Fluoranthene  
Concen: 41.959 ng  
RT: 20.26 min Scan# 2889  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.0  | 0.0   | 28.9  |
| 203     | 19.8  | 0.0   | 37.5  |





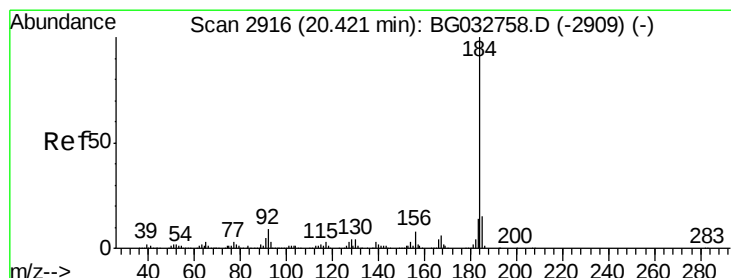
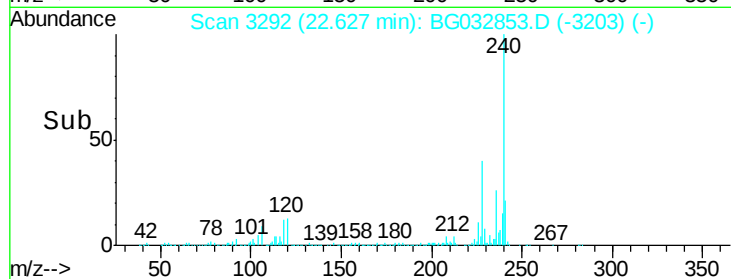
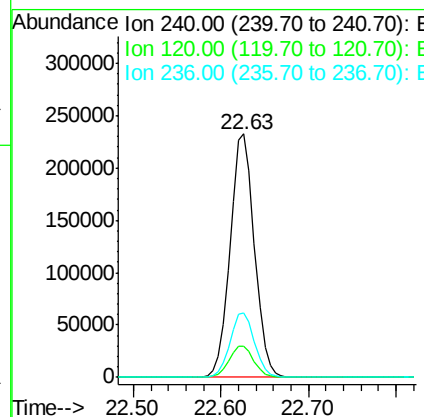
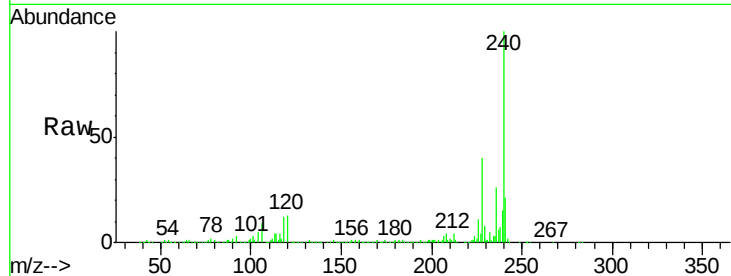
#75  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 22.63 min Scan# 3292  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.8  | 6.8   | 10.2# |
| 236     | 26.5  | 20.9  | 31.3  |

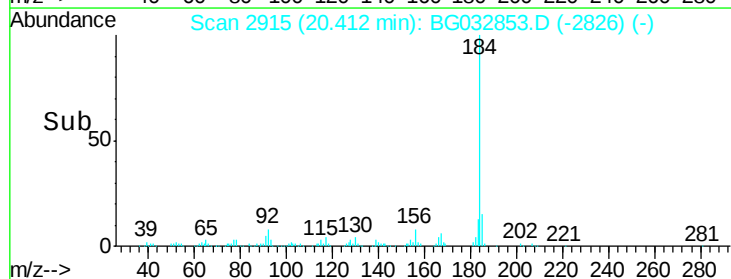
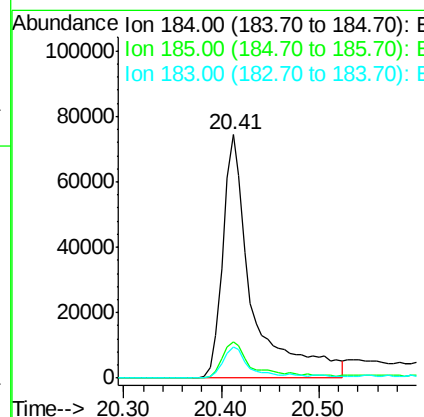
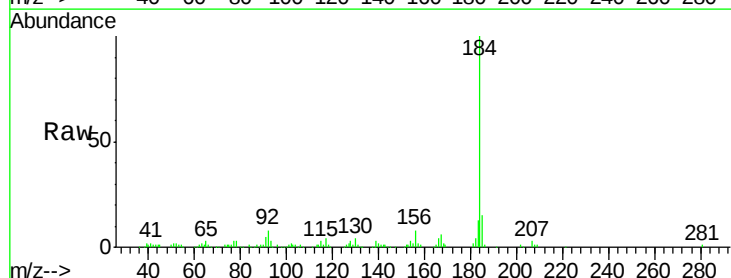
Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:01:27 PM



#76  
 Benzidine  
 Concen: 10.399 ng  
 RT: 20.41 min Scan# 2915  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 11.1  | 16.7  |
| 183     | 13.0  | 10.6  | 16.0  |





#77

Pvrene

Concen: 40.597 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

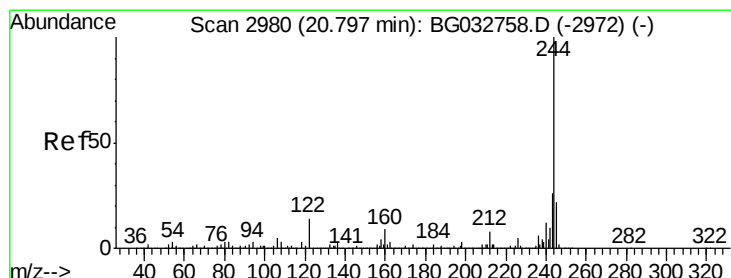
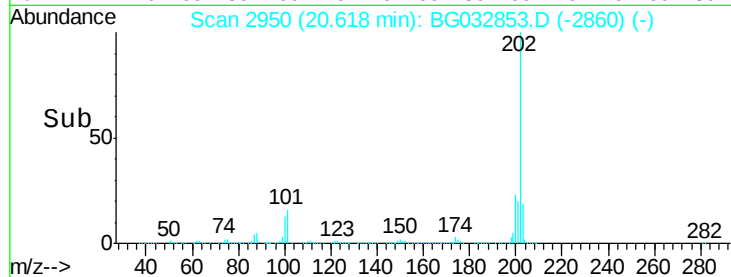
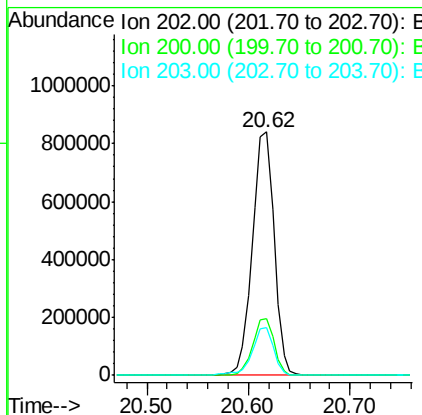
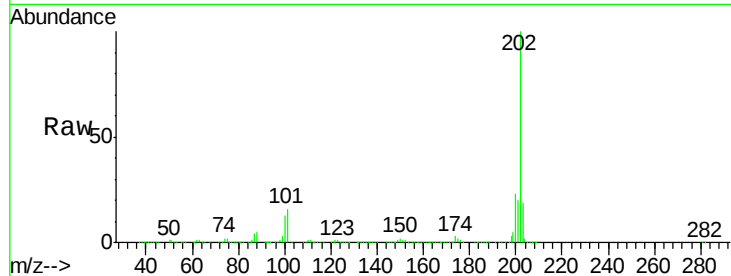
ClientSampleId :

NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.5  | 16.9  | 25.3  |
| 203     | 19.4  | 13.9  | 20.9  |

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:01:27 PM



#78

Terphenyl-d14

Concen: 85.715 ng

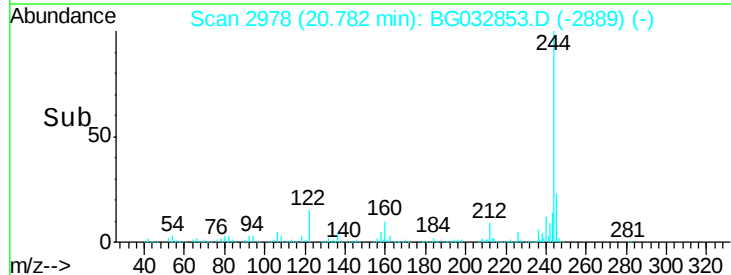
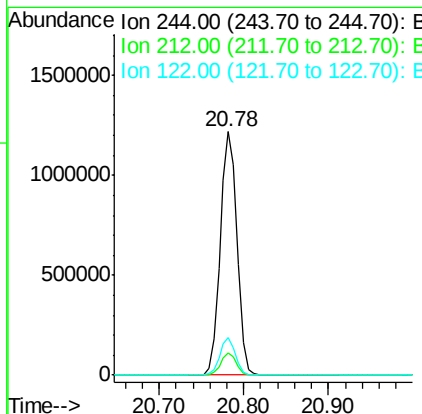
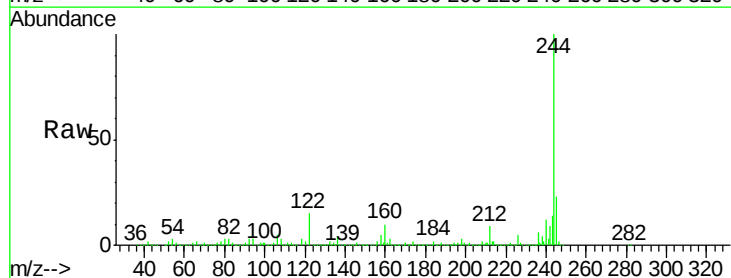
RT: 20.78 min Scan# 2978

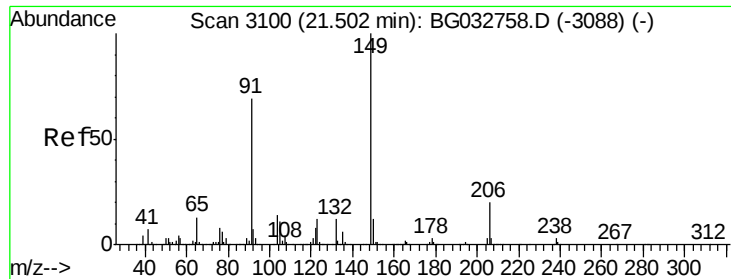
Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.9   | 5.8   | 8.8#  |
| 122     | 15.2  | 7.0   | 10.4# |





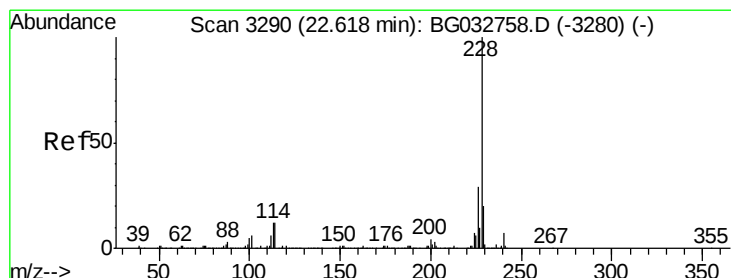
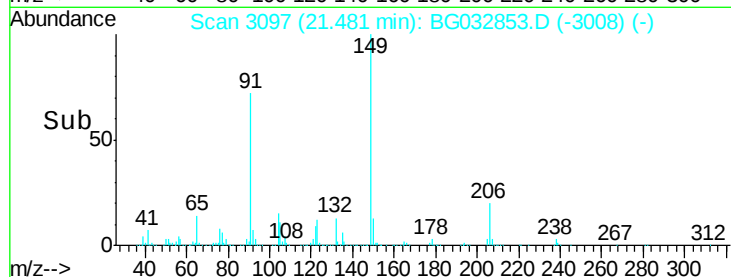
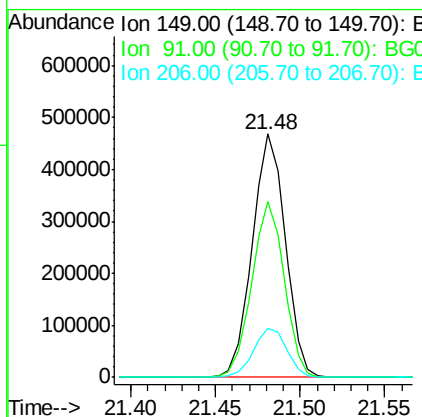
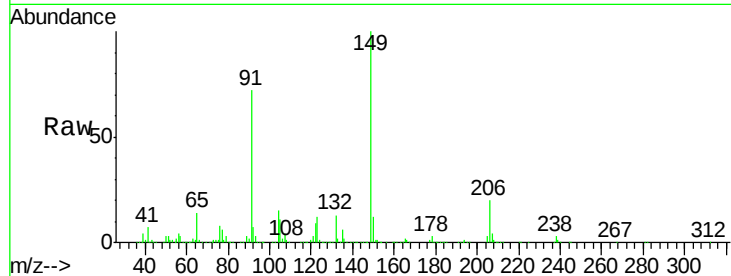
#79  
Butylbenzylphthalate  
Concen: 46.392 ng  
RT: 21.48 min Scan# 3097  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.4  | 62.2  | 93.2  |
| 206     | 20.1  | 18.6  | 27.8  |

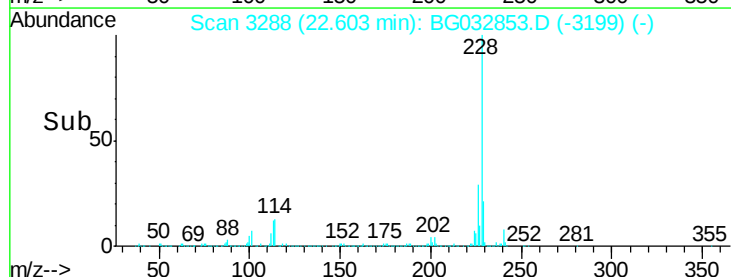
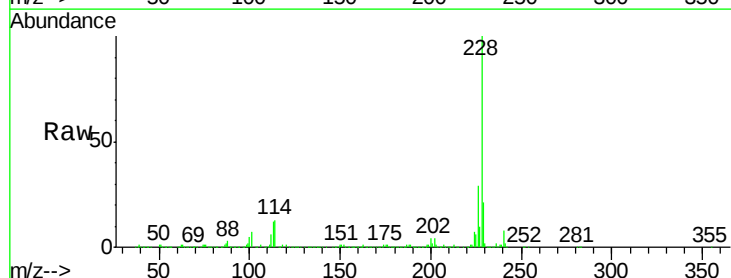
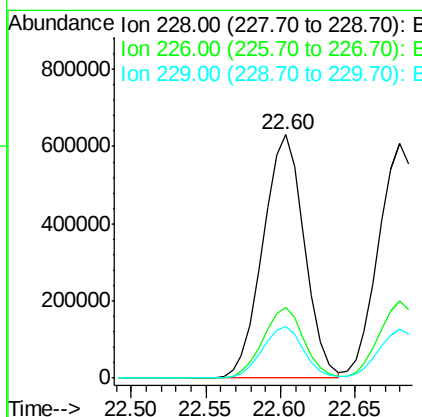
Manual Integrations  
APPROVED

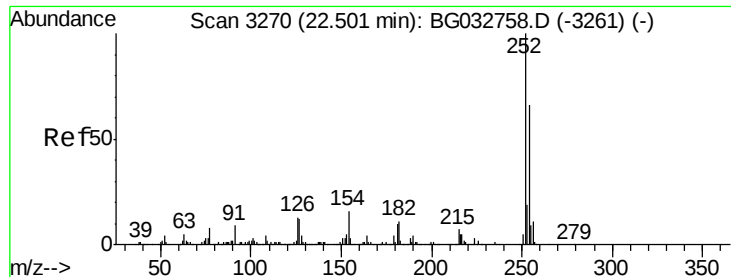
Sohil  
2/28/2018 1:01:27 PM



#80  
Benzo(a)anthracene  
Concen: 43.018 ng  
RT: 22.60 min Scan# 3288  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 22.7  | 34.1  |
| 229     | 21.1  | 16.2  | 24.2  |





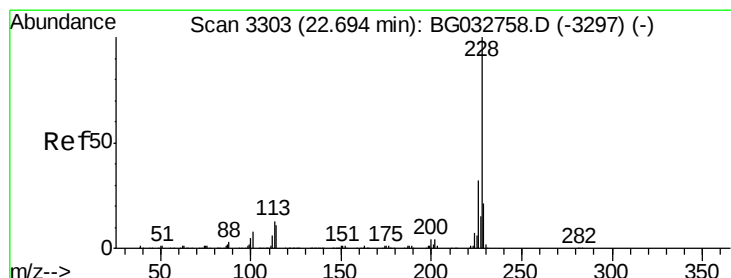
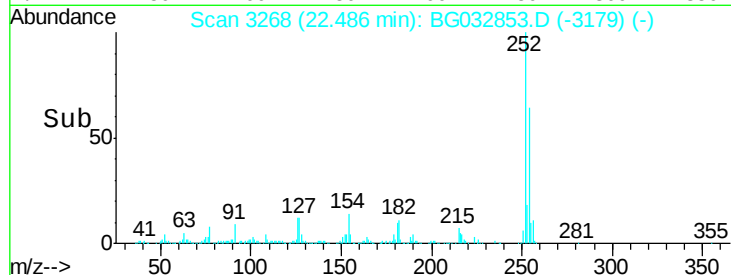
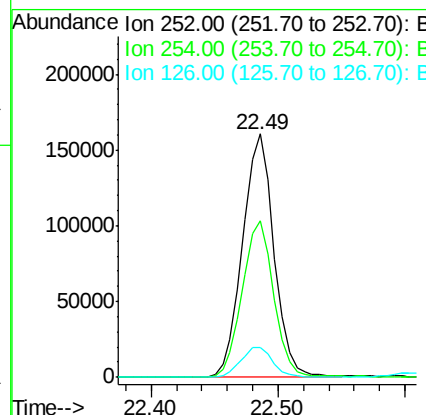
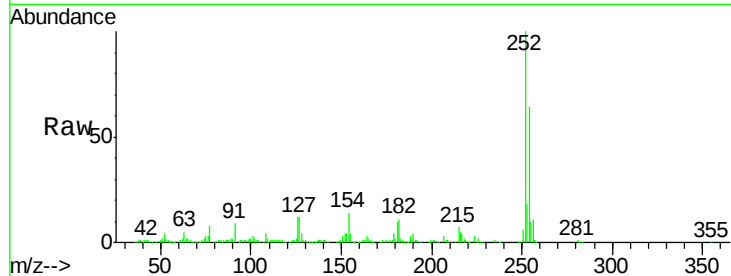
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.439 ng  
 RT: 22.49 min Scan# 3268  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.4  | 50.8  | 76.2  |
| 126     | 12.3  | 7.4   | 11.2  |

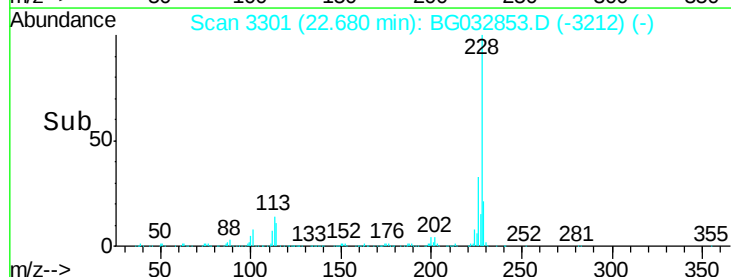
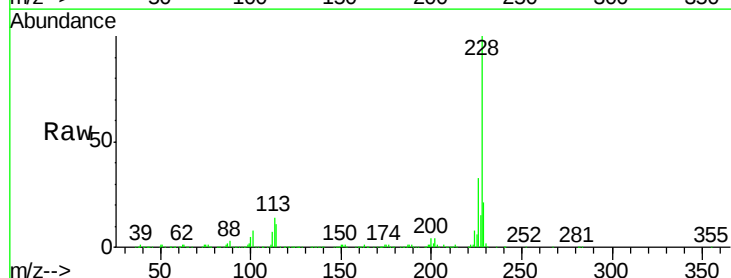
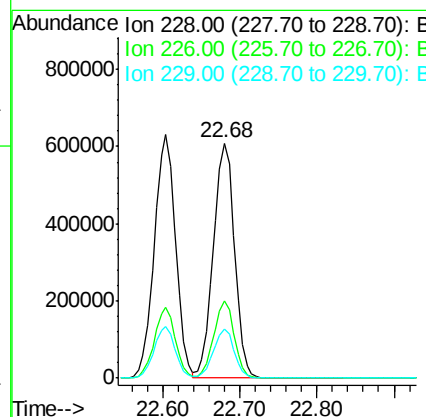
Manual Integrations  
 APPROVED

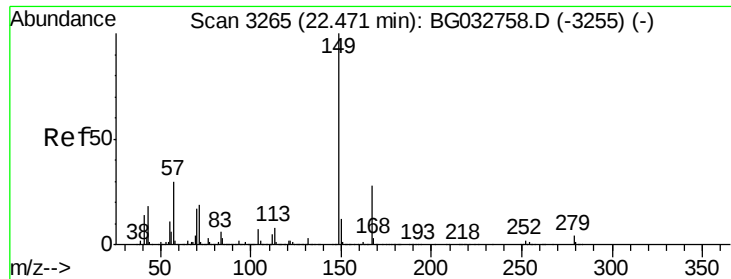
Sohil  
 2/28/2018 1:01:27 PM



#82  
 Chrysene  
 Concen: 42.602 ng  
 RT: 22.68 min Scan# 3301  
 Delta R.T. -0.00 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.9  | 24.9  | 37.3  |
| 229     | 21.0  | 15.0  | 22.4  |





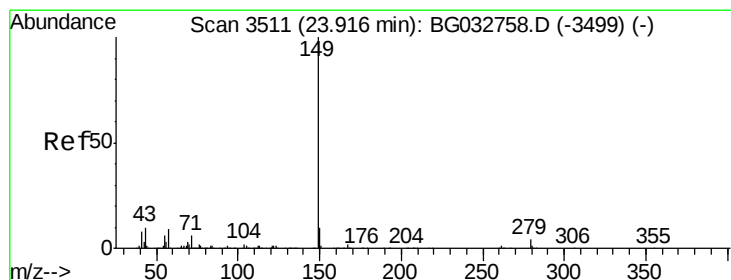
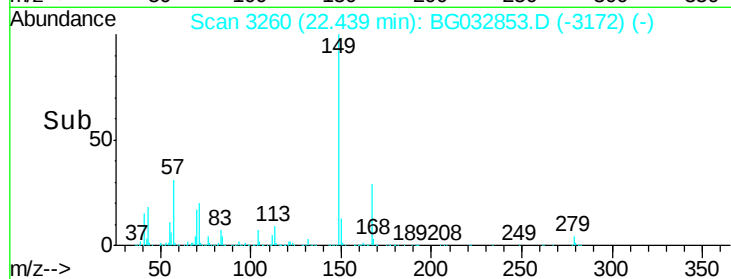
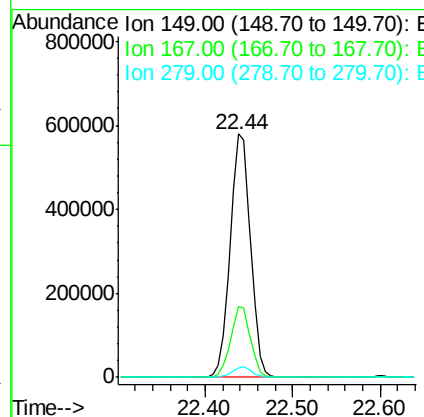
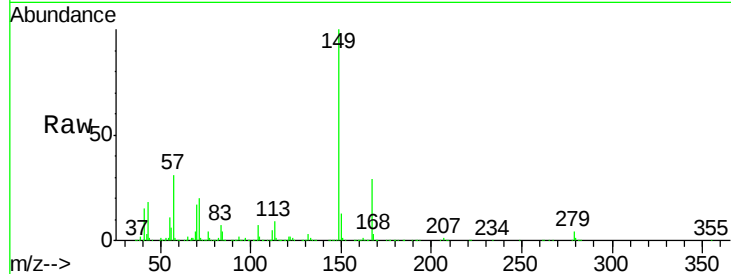
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.898 ng  
 RT: 22.44 min Scan# 3260  
 Delta R.T. -0.01 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.9  | 24.3  | 36.5  |
| 279     | 4.0   | 4.0   | 6.0   |

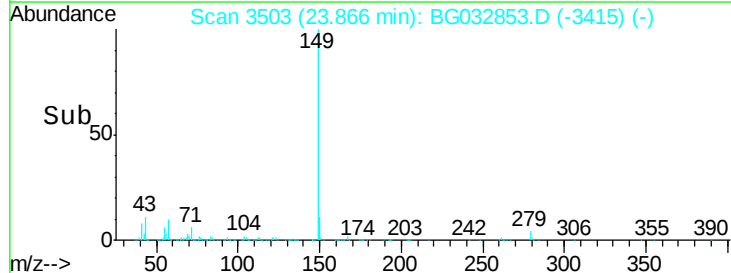
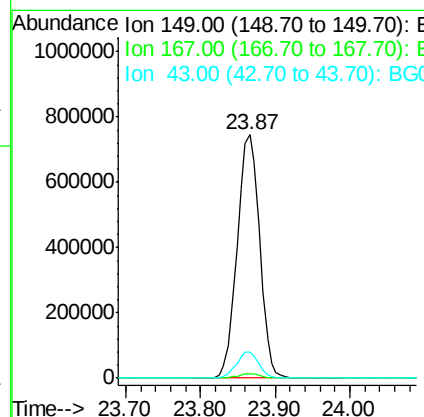
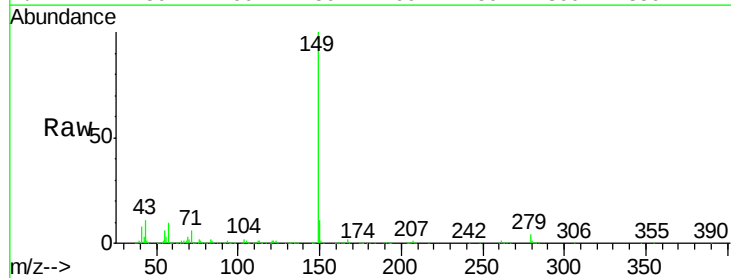
Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:01:27 PM



#84  
 Di-n-octyl phthalate  
 Concen: 50.209 ng  
 RT: 23.87 min Scan# 3503  
 Delta R.T. -0.01 min  
 Lab File: BG032853.D  
 Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 10.4  | 8.9   | 13.3  |





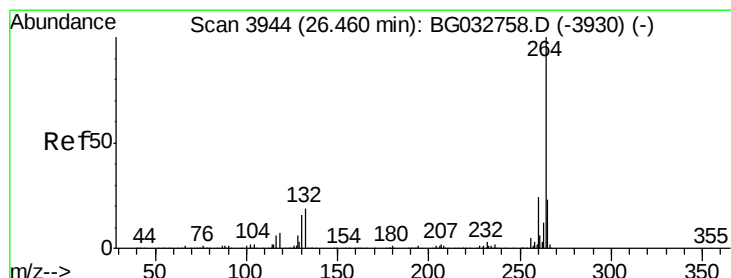
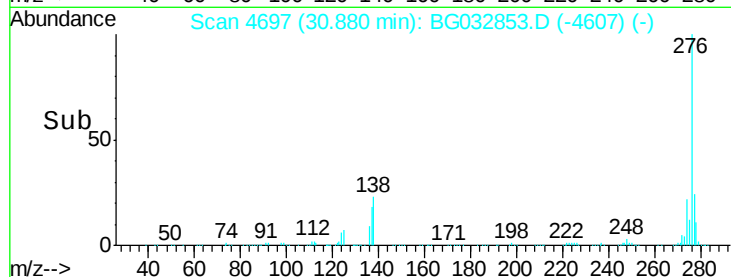
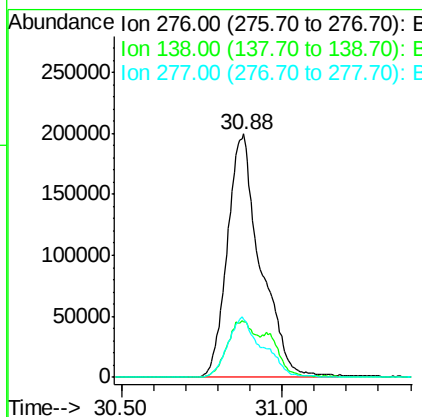
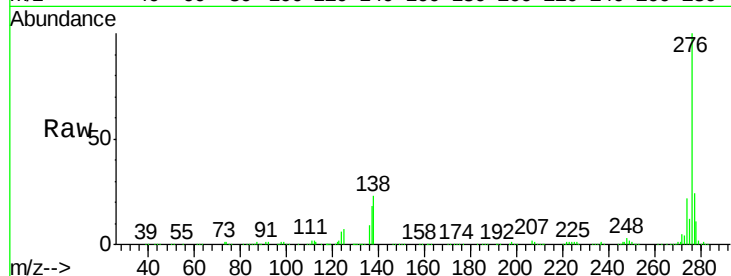
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.532 ng  
RT: 30.88 min Scan# 4697  
Delta R.T. 0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

Tot Ion:276 Resp: 1432655  
Ion Ratio Lower Upper  
276 100  
138 20.3 16.0 24.0  
277 25.9 20.0 30.0

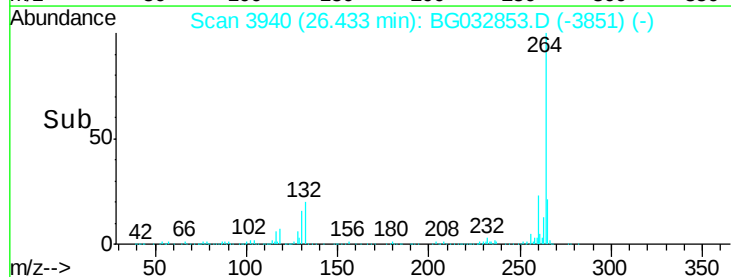
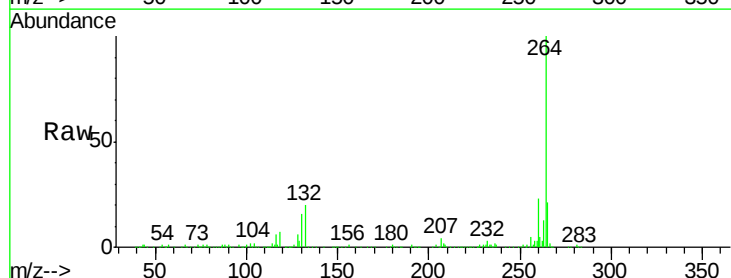
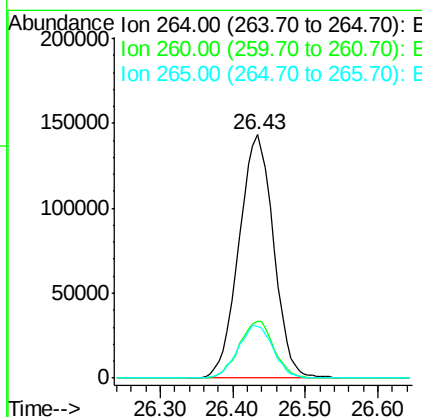
Manual Integrations  
APPROVED

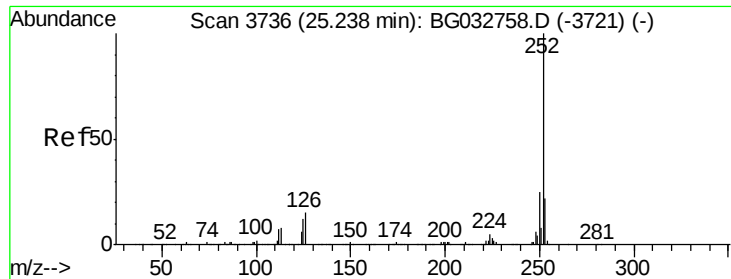
Sohil  
2/28/2018 1:01:27 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.43 min Scan# 3940  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Tgt Ion:264 Resp: 475813  
Ion Ratio Lower Upper  
264 100  
260 23.4 17.4 26.0  
265 21.5 17.7 26.5





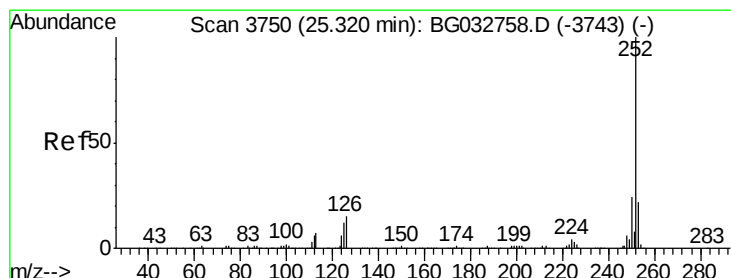
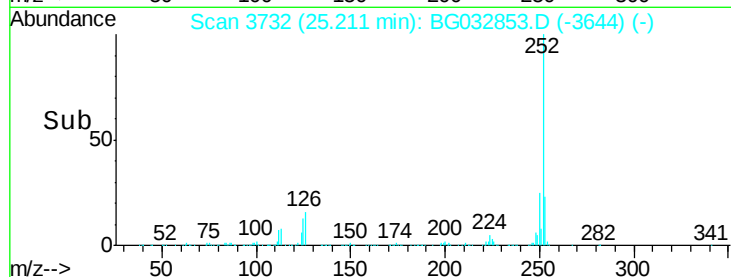
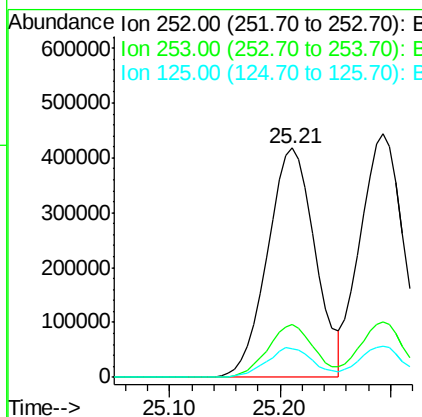
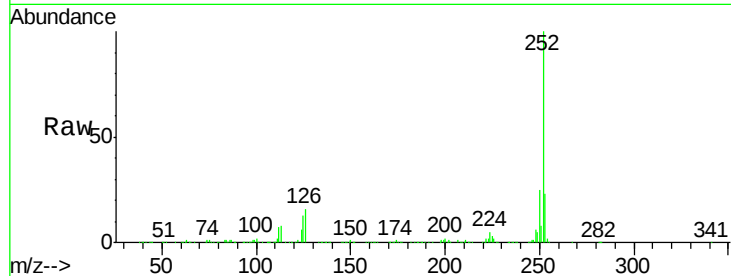
#87  
Benzo(b)fluoranthene  
Concen: 44.346 ng  
RT: 25.21 min Scan# 3732  
Delta R.T. -0.01 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.2  | 27.4  |
| 125     | 12.6  | 7.2   | 10.8  |

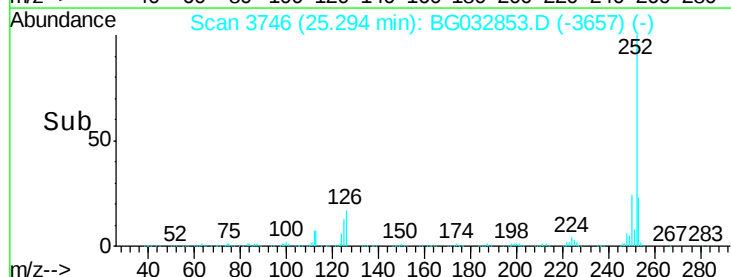
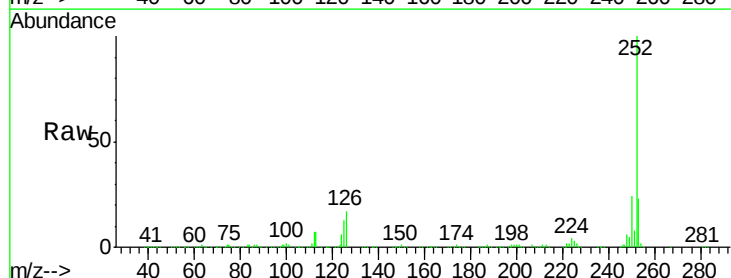
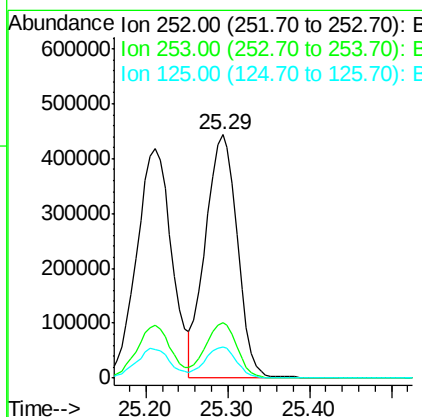
Manual Integrations  
APPROVED

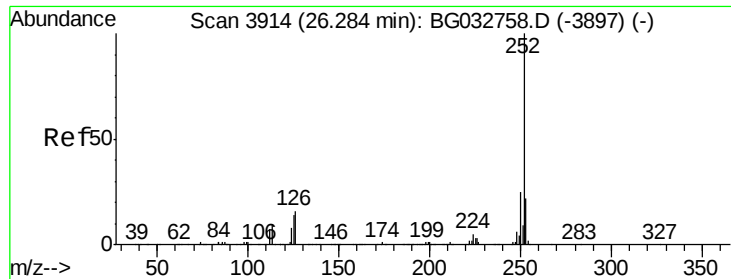
Sohil  
2/28/2018 1:01:27 PM



#88  
Benzo(k)fluoranthene  
Concen: 42.963 ng  
RT: 25.29 min Scan# 3746  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.4  | 26.2  |
| 125     | 12.6  | 6.6   | 9.8   |





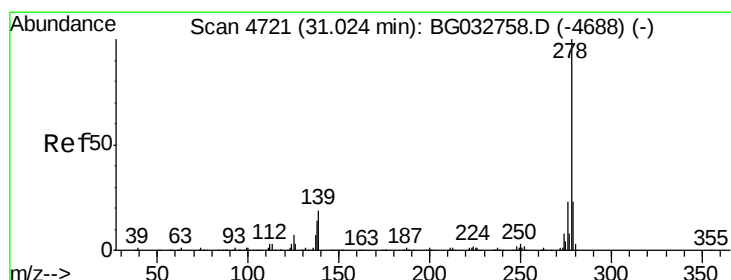
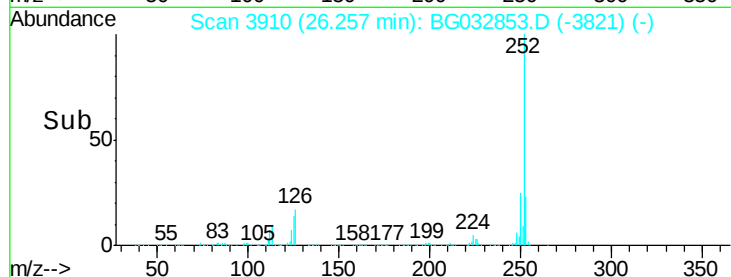
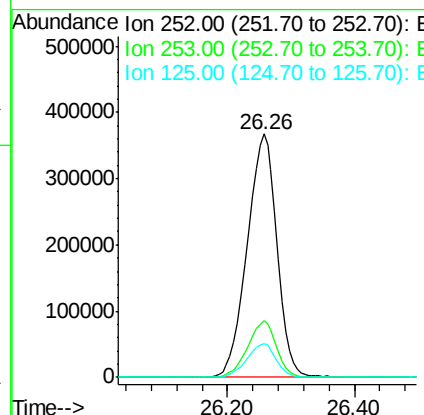
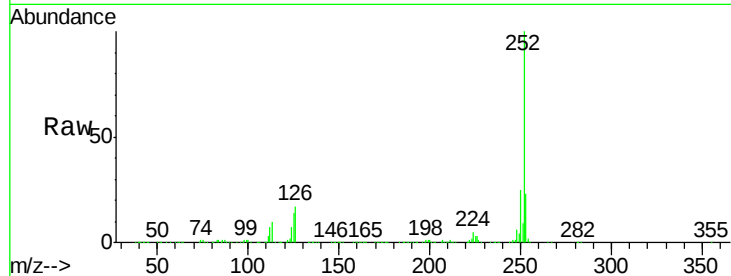
#89  
Benzo(a)pyrene  
Concen: 44.833 ng  
RT: 26.26 min Scan# 3910  
Delta R.T. -0.00 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-022318MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.3  | 27.5  |
| 125     | 13.8  | 7.3   | 10.9  |

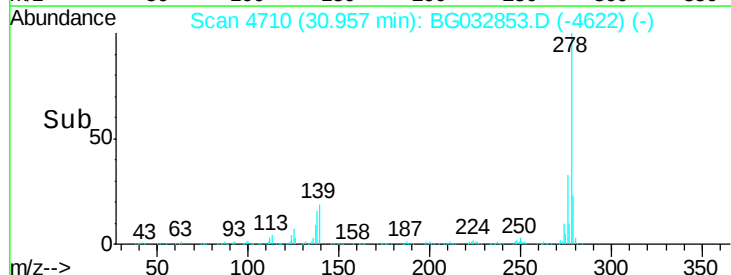
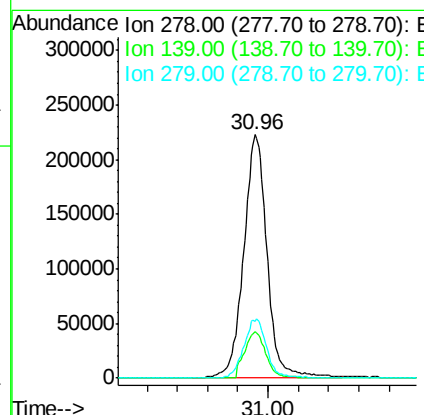
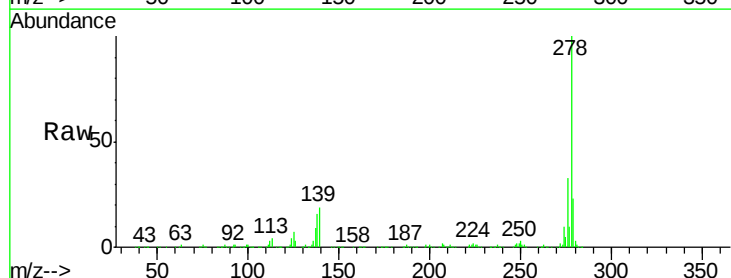
Manual Integrations  
APPROVED

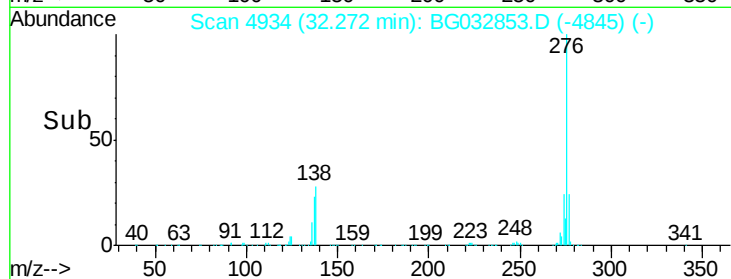
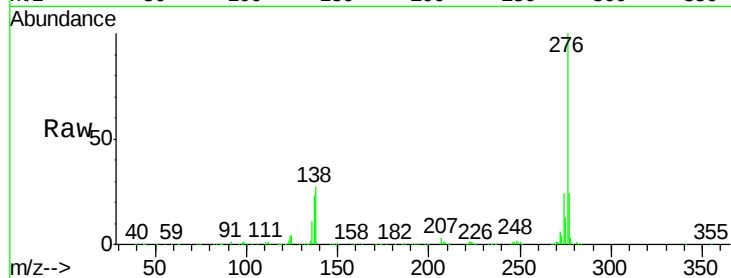
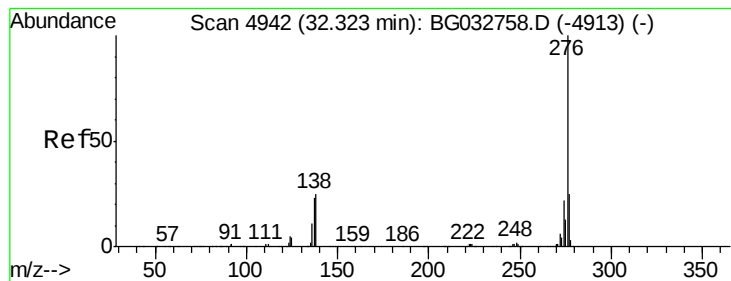
Sohil  
2/28/2018 1:01:27 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 44.548 ng  
RT: 30.96 min Scan# 4710  
Delta R.T. -0.01 min  
Lab File: BG032853.D  
Acq: 27 Feb 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.1  | 9.8   | 14.6  |
| 279     | 23.3  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 44.177 ng

RT: 32.27 min Scan# 4934

Delta R.T. -0.00 min

Lab File: BG032853.D

Acq: 27 Feb 2018 13:55

Instrument :

BNA\_G

ClientSampleId :

NB-01-022318MS

Tot Ion:276 Resp: 1172950

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 27.5 13.9 20.9#

Manual Integrations

APPROVED

Sohil

2/28/2018 1:01:27 PM

