

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\  
 Data File : BG033210.D  
 Acq On : 16 Mar 2018 21:47  
 Operator : SJ/JU  
 Sample : PB107389BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

Manual Integrations  
 APPROVED

Sohil  
 3/19/2018 2:20:36 PM

Quant Time: Mar 17 05:44:59 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 13:59:34 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.89  | 152  | 42459    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.78 | 136  | 172543   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.51 | 164  | 128452   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.24 | 188  | 335991   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.60 | 240  | 338006   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.40 | 264  | 361554   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.31  | 112 | 386007  | 145.45 | ng | 0.00  |
| 7) Phenol-d6             | 8.00  | 99  | 587451  | 158.80 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 10.10 | 82  | 365561  | 139.79 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.99 | 330 | 285726  | 211.55 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 14.14 | 172 | 865763  | 97.21  | ng | 0.00  |
| 78) Terphenyl-d14        | 20.76 | 244 | 1537092 | 102.17 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.94  | 88  | 41280  | 35.840  | ng | 95     |
| 3) Pyridine                    | 4.41  | 79  | 117574 | 37.036  | ng | 93     |
| 4) n-Nitrosodimethylamine      | 4.32  | 42  | 66222  | 52.030  | ng | # 93   |
| 6) Aniline                     | 8.19  | 93  | 89017  | 17.778  | ng | # 94   |
| 8) 2-Chlorophenol              | 8.44  | 128 | 129416 | 44.551  | ng | 93     |
| 9) Benzaldehyde                | 7.99  | 77  | 59578  | 27.945  | ng | 95     |
| 10) Phenol                     | 8.03  | 94  | 195589 | 52.451  | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 8.28  | 93  | 126936 | 41.629  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.78  | 146 | 134983 | 39.673  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.93  | 146 | 137338 | 40.101  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 9.26  | 146 | 130247 | 39.687  | ng | 96     |
| 15) Benzyl Alcohol             | 9.13  | 79  | 153092 | 56.294  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.42  | 45  | 219552 | 41.884  | ng | 90     |
| 17) 2-Methylphenol             | 9.33  | 107 | 128707 | 46.806  | ng | # 93   |
| 18) Hexachloroethane           | 10.02 | 117 | 52669  | 45.168  | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 9.70  | 70  | 123333 | 47.226  | ng | # 98   |
| 20) 3+4-Methylphenols          | 9.66  | 107 | 183385 | 47.964  | ng | 93     |
| 22) Acetophenone               | 9.74  | 105 | 214564 | 49.240  | ng | # 96   |
| 24) Nitrobenzene               | 10.14 | 77  | 186803 | 65.245  | ng | 92     |
| 25) Isophorone                 | 10.66 | 82  | 348531 | 57.550  | ng | 99     |
| 26) 2-Nitrophenol              | 10.87 | 139 | 78752  | 69.811  | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 10.90 | 122 | 132254 | 50.270  | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 11.14 | 93  | 193208 | 54.763  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 11.41 | 162 | 152420 | 63.834  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 11.63 | 180 | 151342 | 54.071  | ng | 96     |
| 31) Naphthalene                | 11.83 | 128 | 405400 | 44.964  | ng | 99     |
| 32) Benzoic acid               | 10.99 | 122 | 44331m | 32.374  | ng |        |
| 33) 4-Chloroaniline            | 11.93 | 127 | 75381  | 18.699  | ng | 92     |
| 34) Hexachlorobutadiene        | 12.09 | 225 | 108182 | 68.906  | ng | 99     |
| 35) Caprolactam                | 12.68 | 113 | 54310  | 56.804  | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.99 | 107 | 192903 | 69.423  | ng | 93     |
| 37) 2-Methylnaphthalene        | 13.38 | 142 | 315290 | 48.336  | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.73 | 216 | 201771 | 52.915  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.71 | 237 | 257091 | 132.295 | ng | 92     |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\  
 Data File : BG033210.D  
 Acq On : 16 Mar 2018 21:47  
 Operator : SJ/JU  
 Sample : PB107389BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

Manual Integrations  
 APPROVED

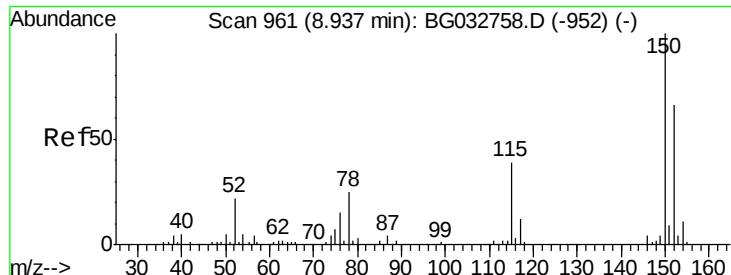
Sohil  
 3/19/2018 2:20:36 PM

Quant Time: Mar 17 05:44:59 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 13:59:34 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.96 | 196  | 141166   | 58.704 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 14.04 | 196  | 162497   | 58.386 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 14.35 | 154  | 434036   | 38.668 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 14.41 | 162  | 342517   | 40.850 | ng    | 96       |
| 47) 2-Nitroaniline             | 14.60 | 65   | 146466   | 64.907 | ng    | 92       |
| 48) Acenaphthylene             | 15.24 | 152  | 566281   | 41.251 | ng    | 99       |
| 49) Dimethylphthalate          | 14.94 | 163  | 511200   | 46.870 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.07 | 165  | 108805   | 57.997 | ng    | 97       |
| 51) Acenaphthene               | 15.58 | 154  | 360670   | 42.186 | ng    | 95       |
| 52) 3-Nitroaniline             | 15.41 | 138  | 60251    | 30.282 | ng    | # 91     |
| 53) 2,4-Dinitrophenol          | 15.61 | 184  | 35412    | 66.557 | ng    | 95       |
| 54) Dibenzofuran               | 15.90 | 168  | 559524   | 45.963 | ng    | 93       |
| 55) 4-Nitrophenol              | 15.69 | 139  | 171799   | 94.756 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 15.85 | 165  | 162447   | 68.647 | ng    | 89       |
| 57) Fluorene                   | 16.55 | 166  | 471081   | 46.885 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.12 | 232  | 160458   | 74.257 | ng    | 97       |
| 59) Diethylphthalate           | 16.28 | 149  | 502667   | 43.696 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.52 | 204  | 267377   | 54.399 | ng    | 97       |
| 61) 4-Nitroaniline             | 16.56 | 138  | 99564    | 42.811 | ng    | 87       |
| 62) Azobenzene                 | 16.82 | 77   | 503309   | 48.906 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 16.61 | 198  | 43915    | 45.841 | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.74 | 169  | 439832   | 40.240 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.41 | 248  | 176777   | 49.758 | ng    | # 91     |
| 67) Hexachlorobenzene          | 17.54 | 284  | 181208   | 47.198 | ng    | # 93     |
| 68) Atrazine                   | 17.65 | 200  | 180908   | 50.282 | ng    | 99       |
| 69) Pentachlorophenol          | 17.88 | 266  | 209825   | 86.765 | ng    | 97       |
| 70) Phenanthrene               | 18.29 | 178  | 792056   | 42.254 | ng    | 98       |
| 71) Anthracene                 | 18.38 | 178  | 821485   | 43.652 | ng    | 99       |
| 72) Carbazole                  | 18.63 | 167  | 715255   | 38.560 | ng    | 95       |
| 73) Di-n-butylphthalate        | 19.13 | 149  | 834492   | 36.671 | ng    | # 98     |
| 74) Fluoranthene               | 20.24 | 202  | 1011649  | 48.857 | ng    | 97       |
| 76) Benzidine                  | 20.40 | 184  | 215166   | 18.675 | ng    | 99       |
| 77) Pyrene                     | 20.60 | 202  | 1018192  | 42.716 | ng    | 99       |
| 79) Butylbenzylphthalate       | 21.45 | 149  | 387120   | 36.631 | ng    | 96       |
| 80) Benzo(a)anthracene         | 22.58 | 228  | 994925   | 45.903 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 22.46 | 252  | 180461   | 22.480 | ng    | 99       |
| 82) Chrysene                   | 22.65 | 228  | 934778   | 45.148 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.40 | 149  | 518324   | 33.134 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 23.81 | 149  | 902369   | 37.844 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.82 | 276  | 1118797  | 46.334 | ng    | # 90     |
| 87) Benzo(b)fluoranthene       | 25.18 | 252  | 982974   | 45.982 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 25.26 | 252  | 950794   | 44.752 | ng    | # 98     |
| 89) Benzo(a)pyrene             | 26.22 | 252  | 957038   | 47.068 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 30.89 | 278  | 924731   | 45.183 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 32.21 | 276  | 928646   | 46.029 | ng    | # 96     |

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





#1

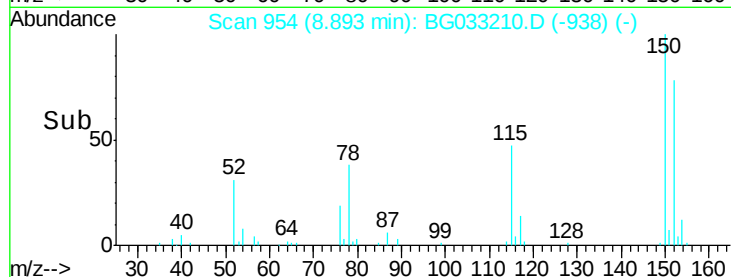
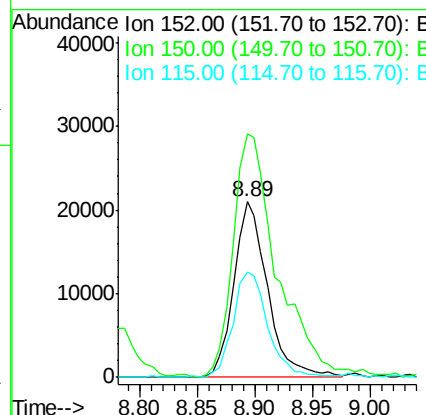
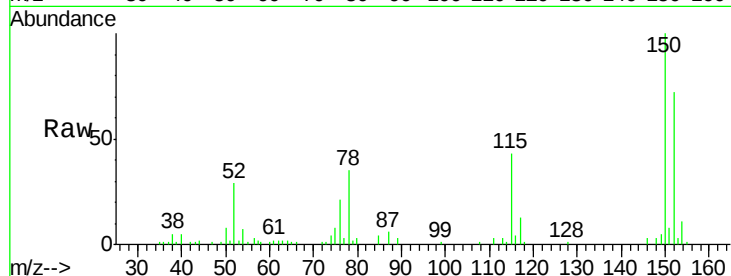
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.89 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 138.6 | 126.6 | 189.8 |
| 115     | 59.7  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

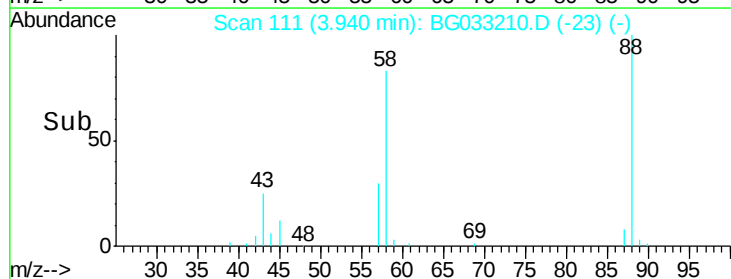
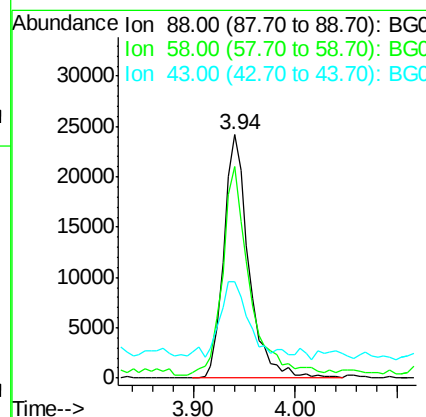
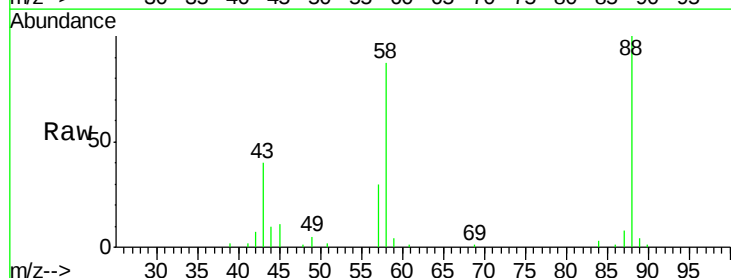
Sohil  
3/19/2018 2:20:36 PM

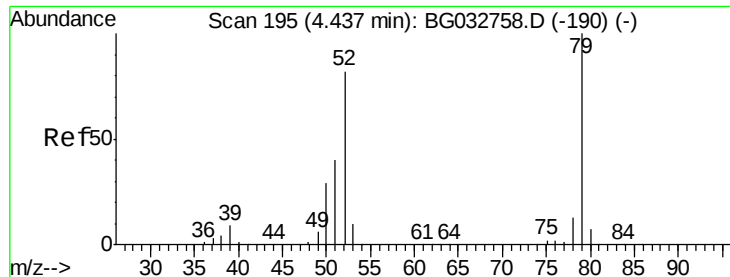


#2

1,4-Dioxane  
Concen: 35.840 ng  
RT: 3.94 min Scan# 111  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.0  | 79.6  | 119.4 |
| 43      | 35.4  | 27.4  | 41.0  |





#3

Pvridine

Concen: 37.036 ng

RT: 4.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

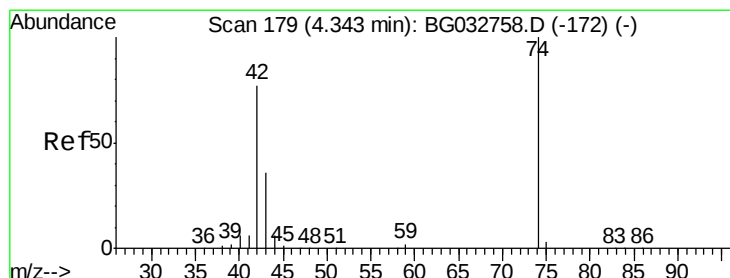
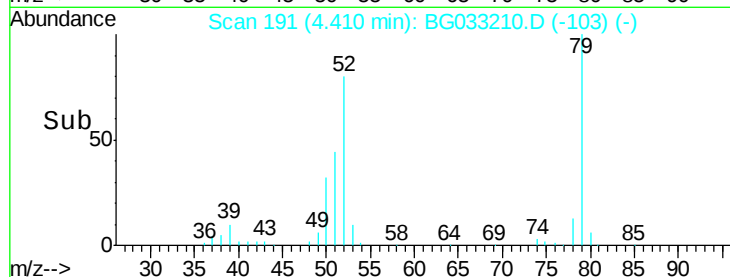
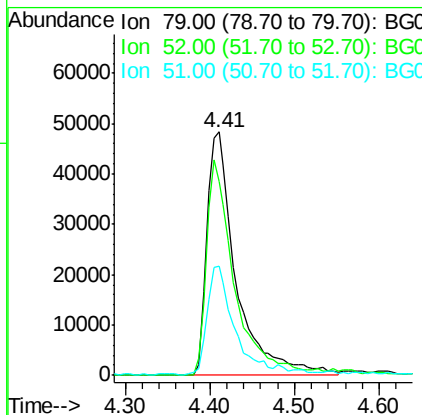
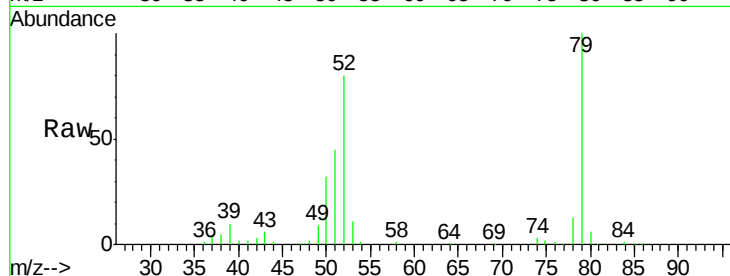
ClientSampleId :

PB107389BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 117574 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 79.7  | 69.9  | 104.9  |
| 51       | 45.0  | 34.0  | 51.0   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#4

n-Nitrosodimethylamine

Concen: 52.030 ng

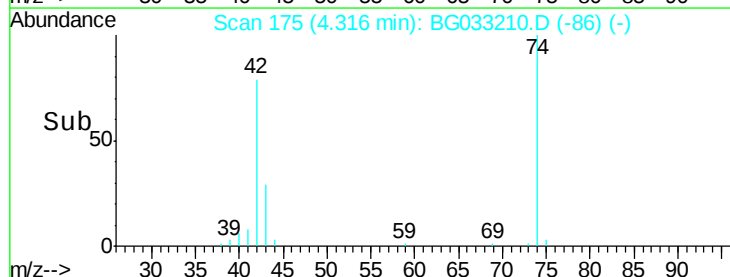
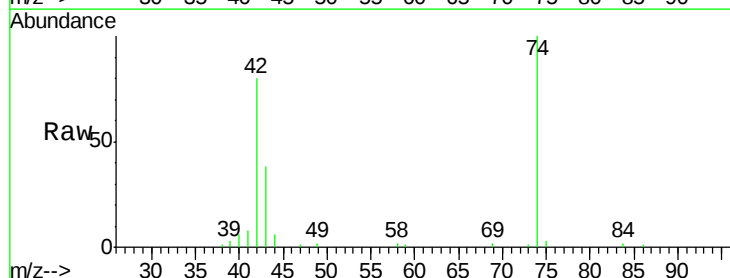
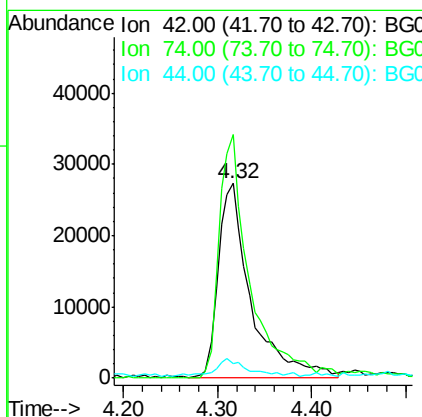
RT: 4.32 min Scan# 175

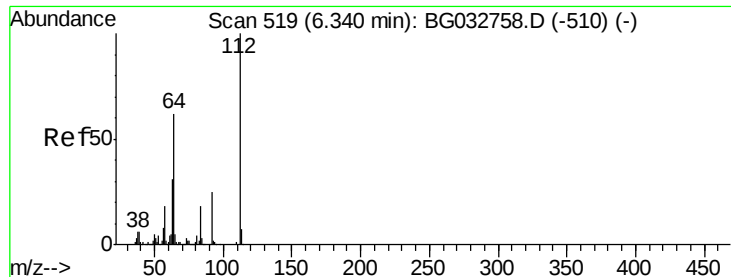
Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 66222 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 125.1 | 102.5 | 153.7 |
| 44       | 7.4   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 145.447 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

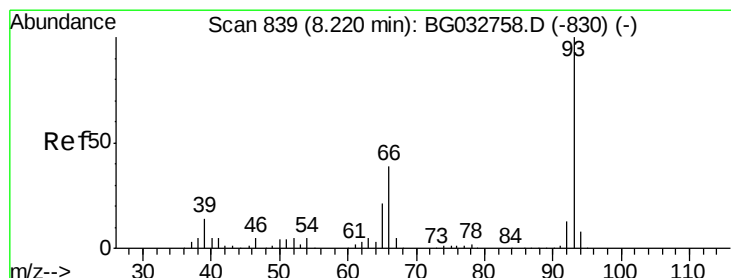
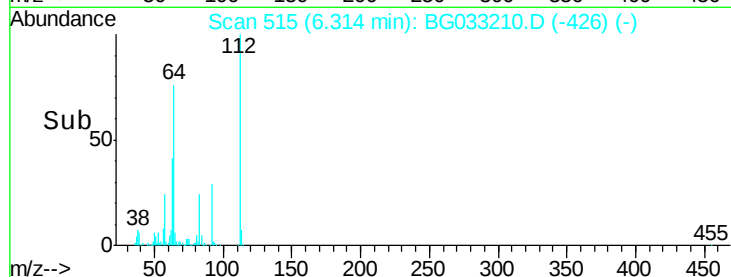
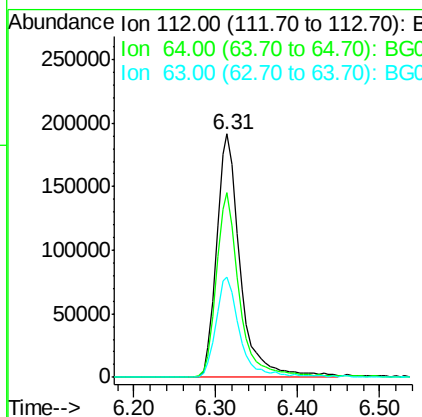
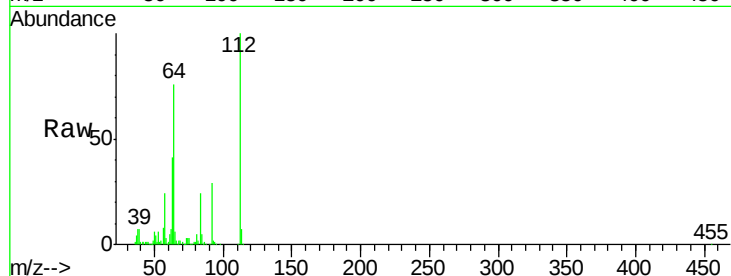
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 386007 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 76.1  | 56.3  | 84.5   |
| 63        | 41.4  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#6

Aniline

Concen: 17.778 ng

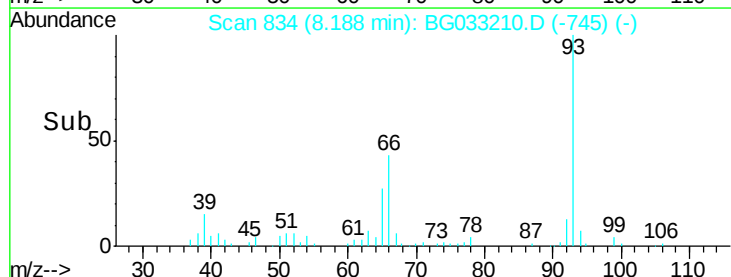
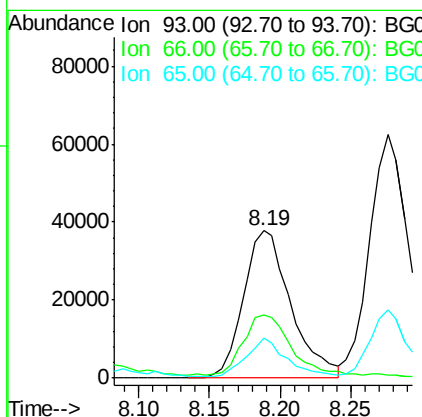
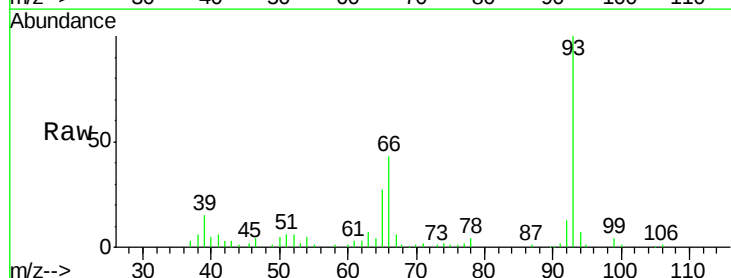
RT: 8.19 min Scan# 834

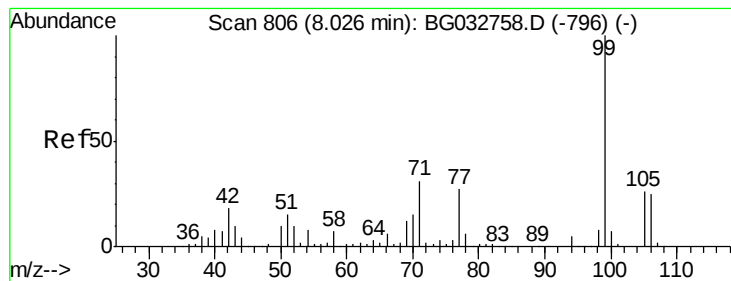
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 89017 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.1  | 33.7  | 50.5  |
| 65        | 26.8  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 158.805 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

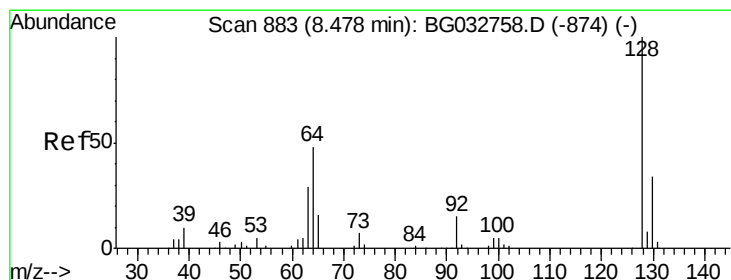
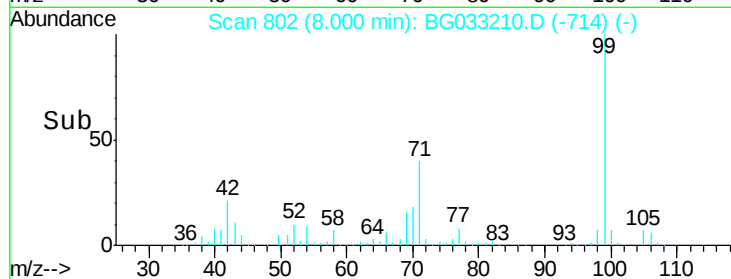
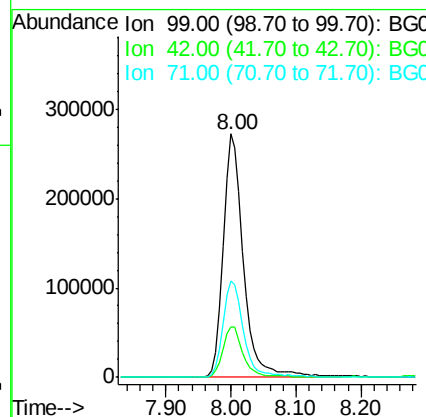
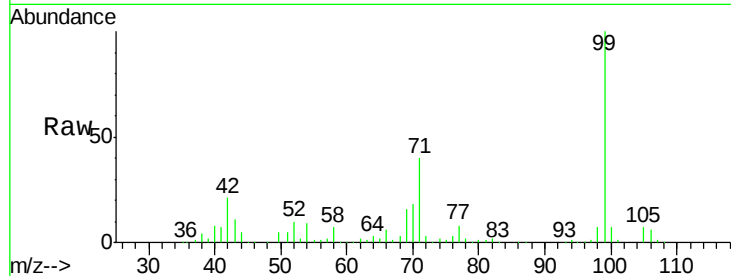
ClientSampleId :

PB107389BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 587451 |       |       |
| 42      | 20.6 | 14.1  | 21.1   |       |       |
| 71      | 39.8 | 26.1  | 39.1#  |       |       |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#8

2-Chlorophenol

Concen: 44.551 ng

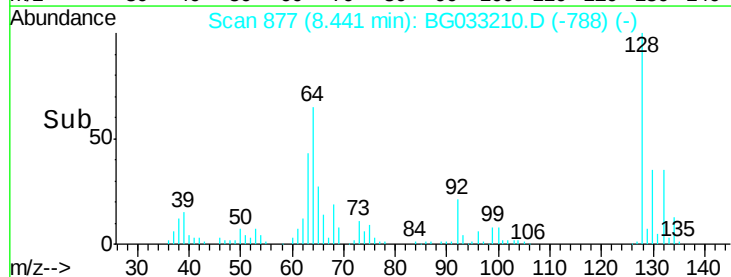
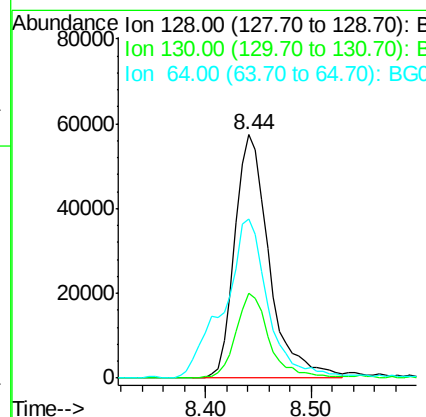
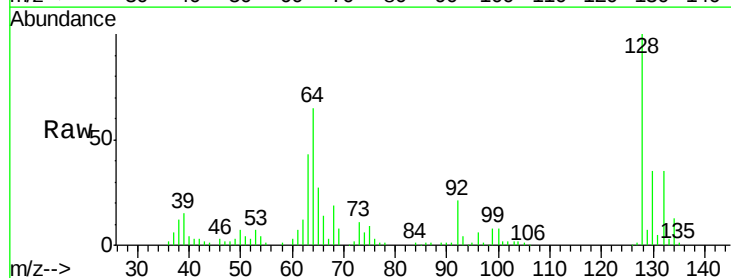
RT: 8.44 min Scan# 877

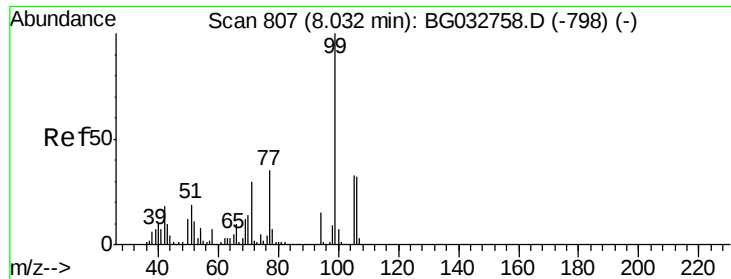
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 129416 |       |       |
| 130     | 34.6 | 14.0  | 54.0   |       |       |
| 64      | 65.1 | 37.7  | 77.7   |       |       |





#9

Benzaldehyde

Concen: 27.945 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

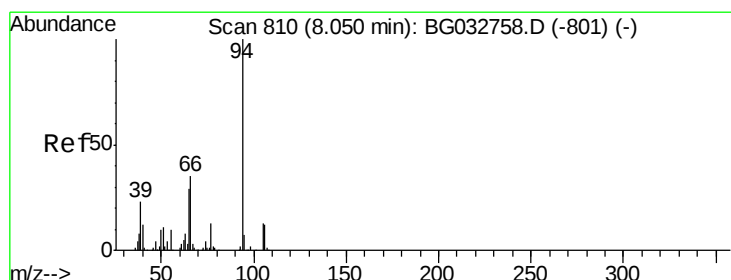
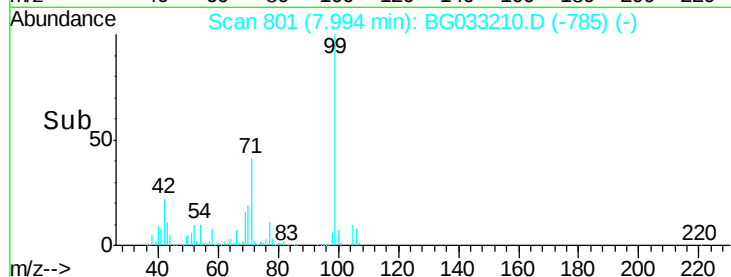
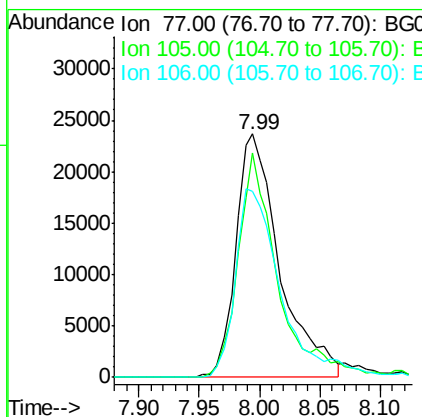
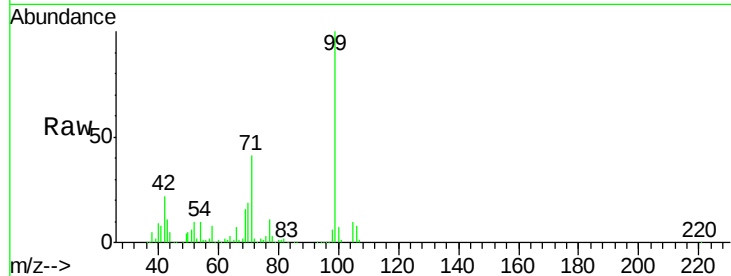
ClientSampleId :

PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 92.1  | 71.3  | 111.3 |
| 106     | 76.4  | 64.2  | 104.2 |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#10

Phenol

Concen: 52.451 ng

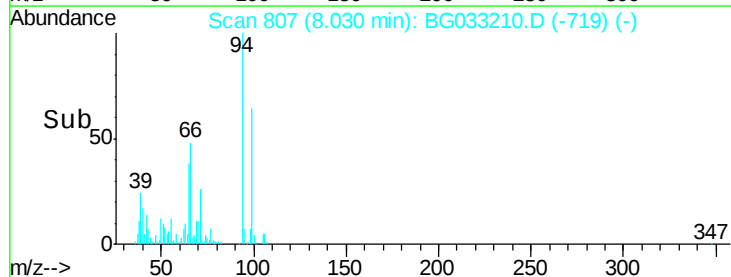
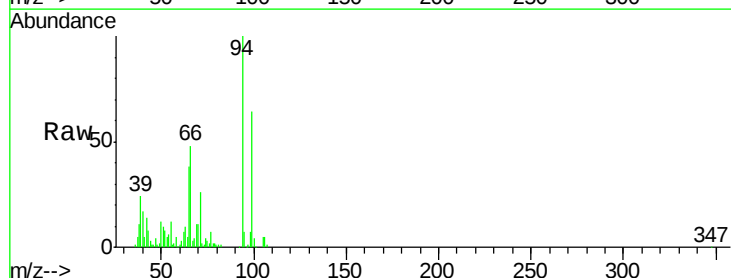
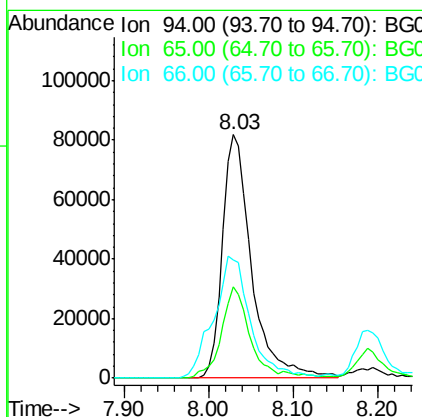
RT: 8.03 min Scan# 807

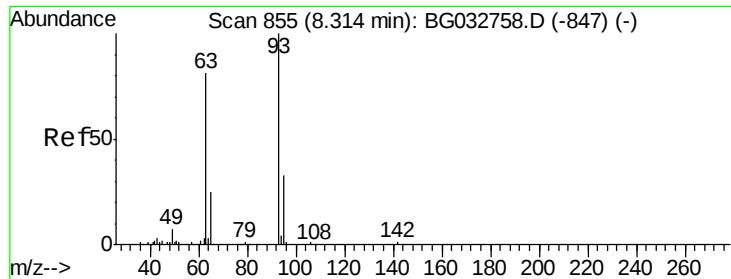
Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 37.7  | 11.9  | 51.9  |
| 66      | 48.3  | 22.2  | 62.2  |





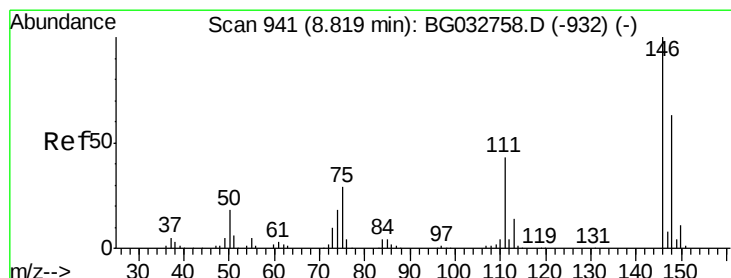
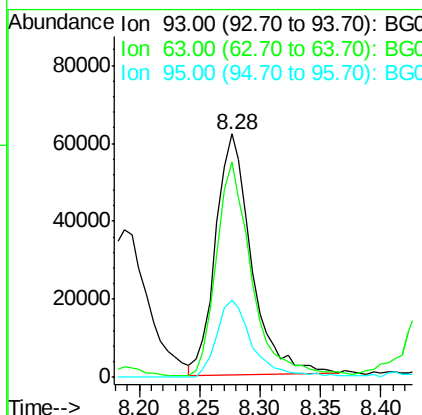
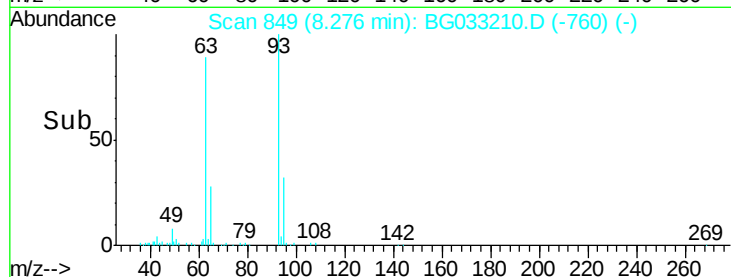
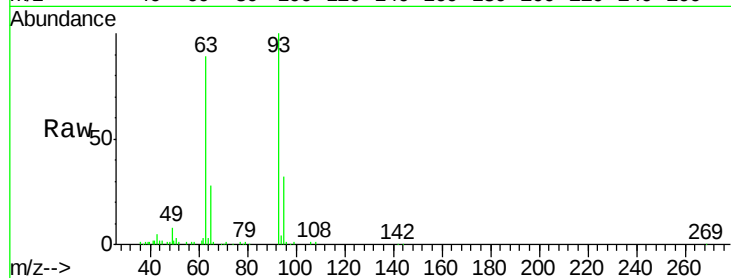
#11  
bis(2-Chloroethyl)ether  
Concen: 41.629 ng  
RT: 8.28 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.6  | 67.1  | 107.1 |
| 95      | 31.8  | 11.5  | 51.5  |

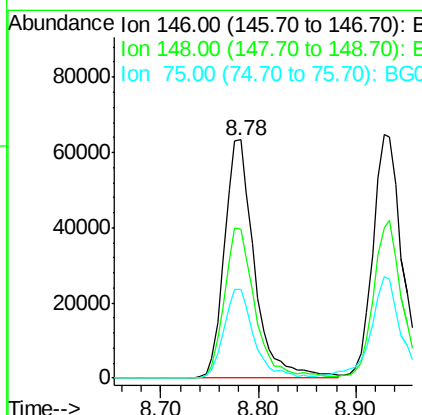
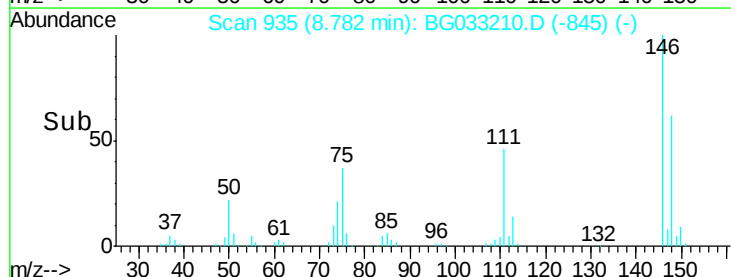
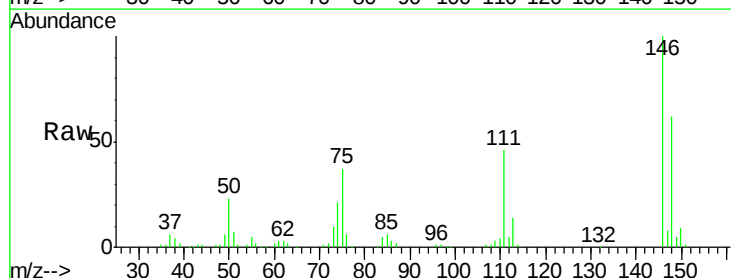
Manual Integrations  
APPROVED

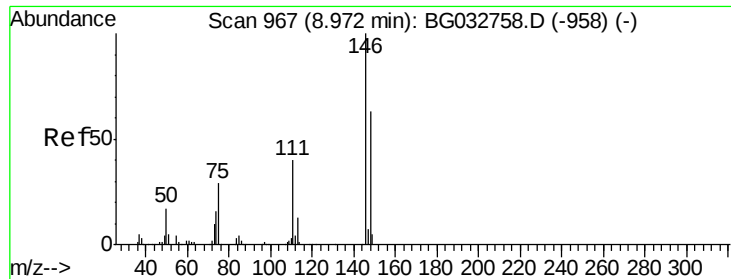
Sohil  
3/19/2018 2:20:36 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.673 ng  
RT: 8.78 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 51.4  | 77.2  |
| 75      | 37.3  | 26.6  | 39.8  |





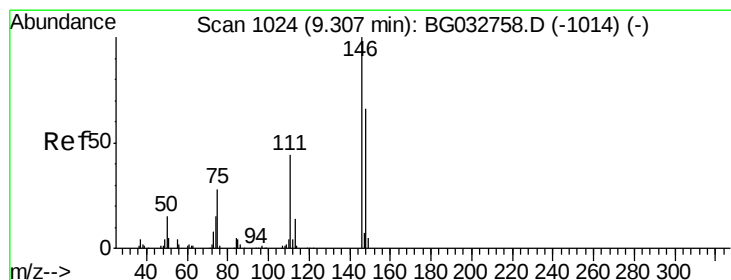
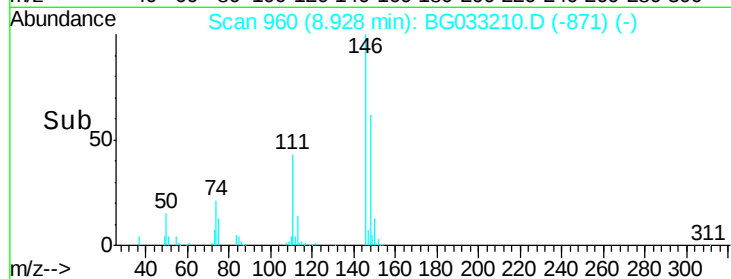
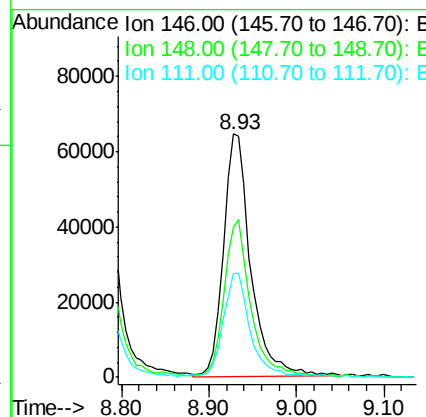
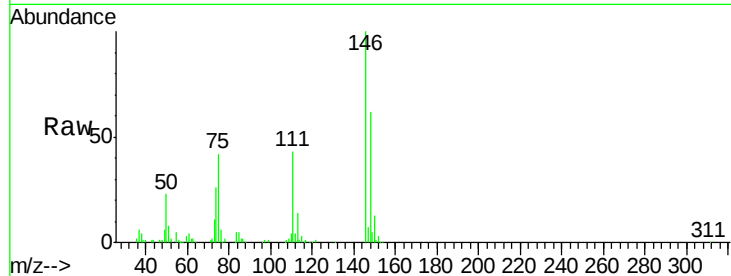
#13  
 1,4-Dichlorobenzene  
 Concen: 40.101 ng  
 RT: 8.93 min Scan# 960  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.6  | 53.7  | 80.5  |
| 111     | 42.9  | 35.2  | 52.8  |

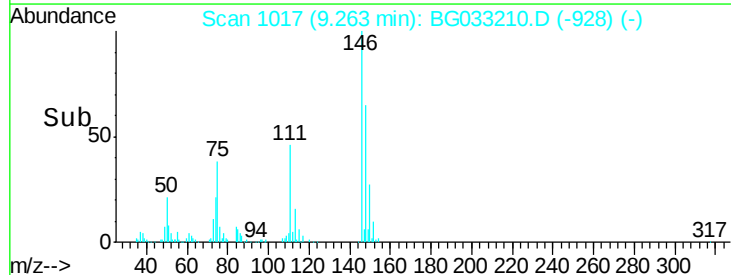
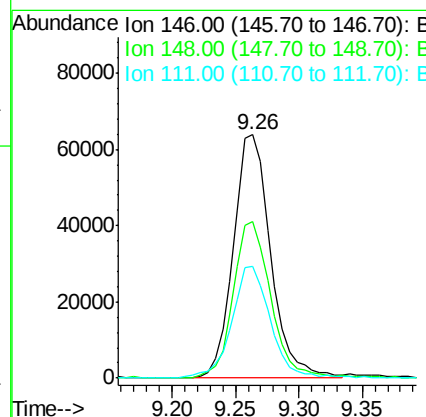
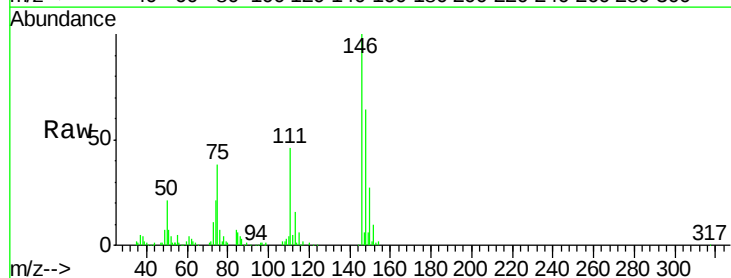
Manual Integrations  
 APPROVED

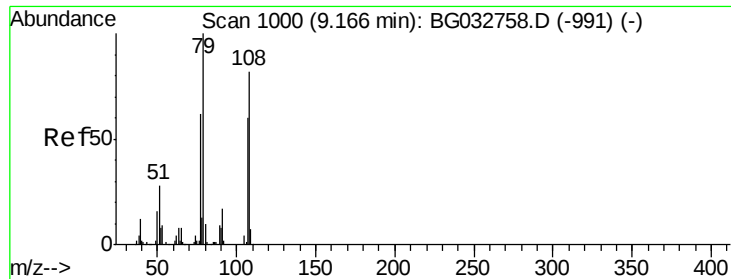
Sohil  
 3/19/2018 2:20:36 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 39.687 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 49.3  | 73.9  |
| 111     | 46.1  | 34.3  | 51.5  |





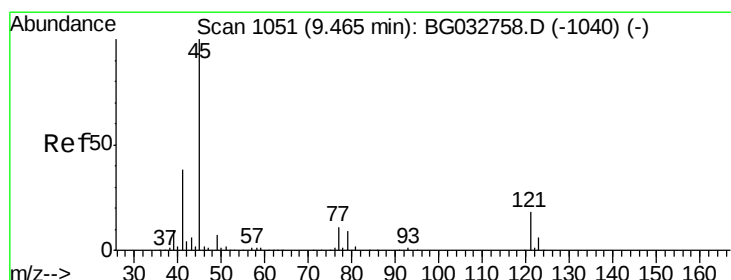
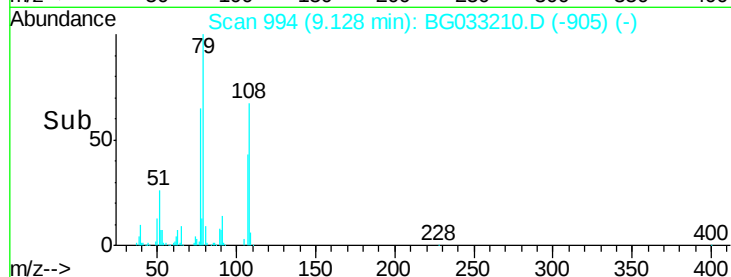
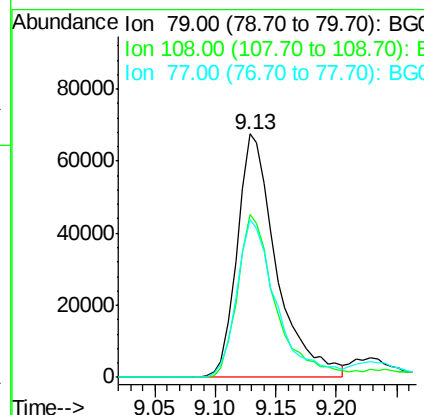
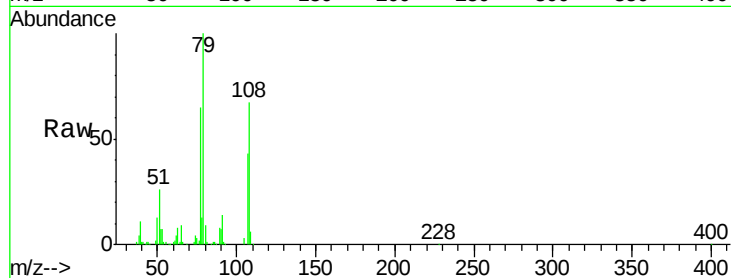
#15  
Benzyl Alcohol  
Concen: 56.294 ng  
RT: 9.13 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 66.8  | 57.2  | 85.8  |
| 77      | 64.7  | 46.1  | 69.1  |

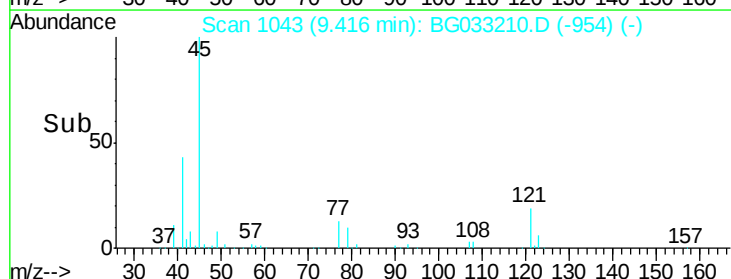
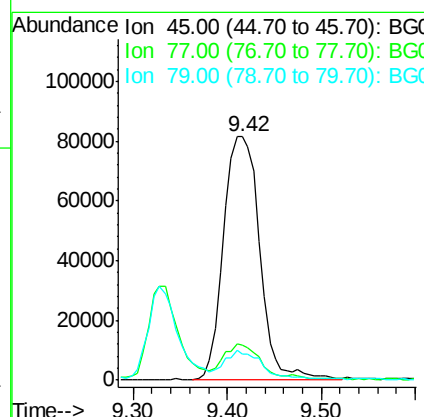
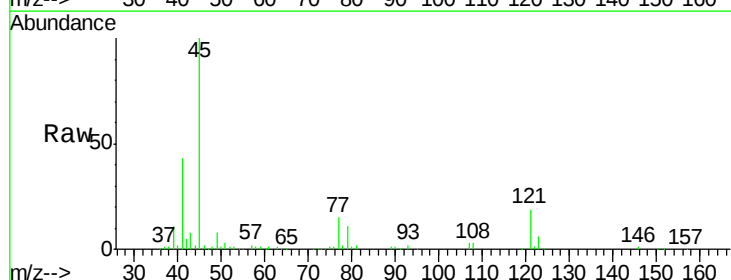
Manual Integrations  
APPROVED

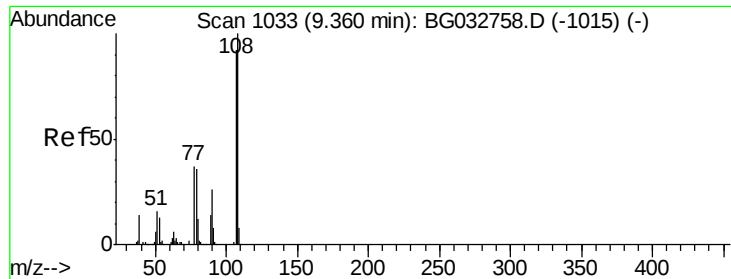
Sohil  
3/19/2018 2:20:36 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.884 ng  
RT: 9.42 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.5  | 0.0   | 30.2  |
| 79      | 10.7  | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 46.806 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

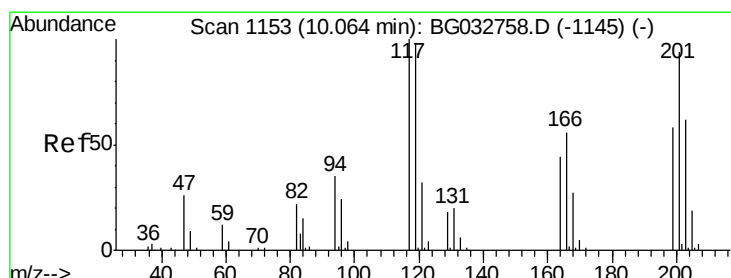
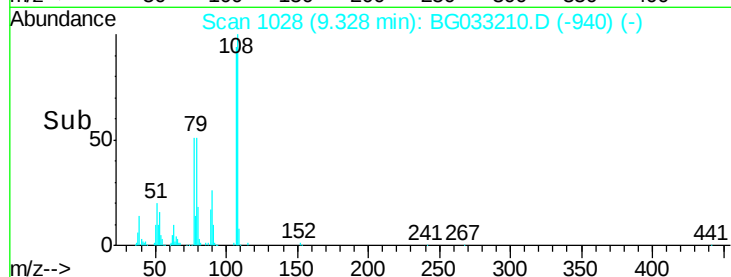
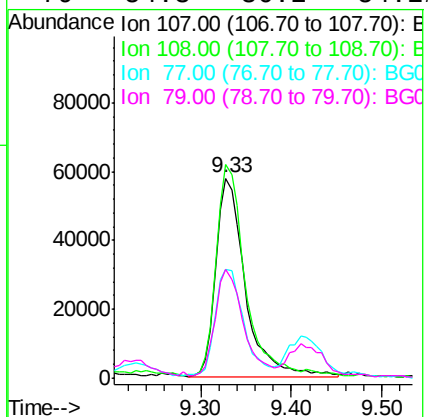
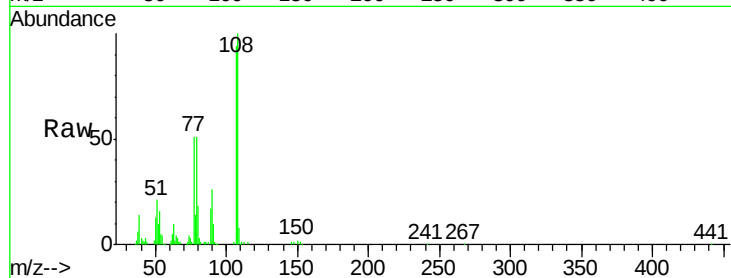
ClientSampleId :

PB107389BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 106.9 | 83.9 | 125.9 |       |
| 77      | 54.3  | 37.2 | 55.8  |       |
| 79      | 54.3  | 36.2 | 54.2  |       |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#18

Hexachloroethane

Concen: 45.168 ng

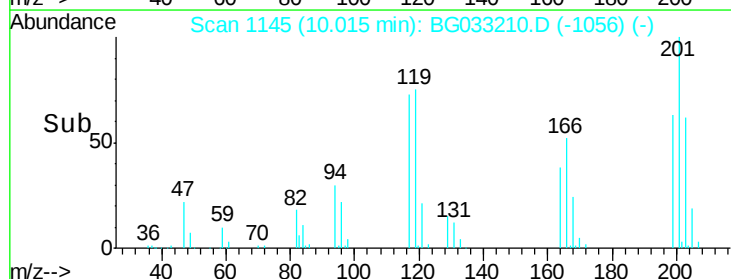
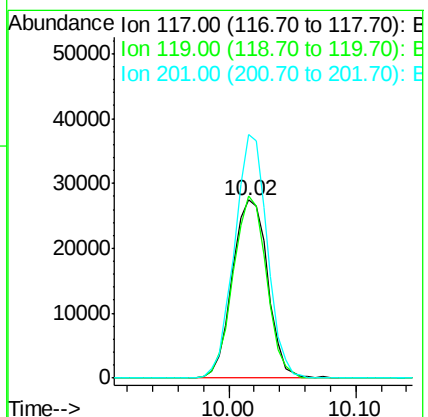
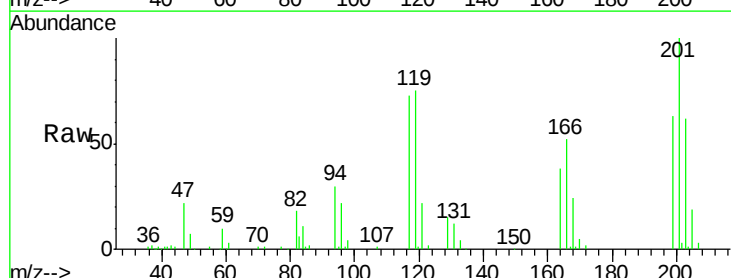
RT: 10.02 min Scan# 1145

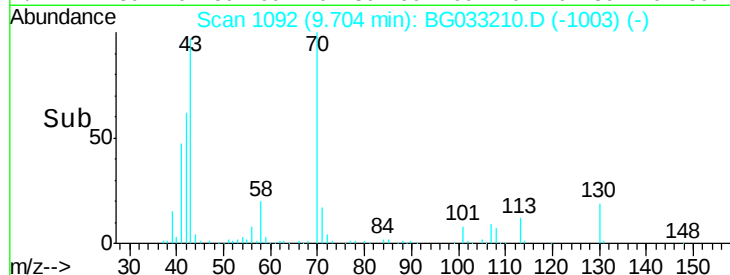
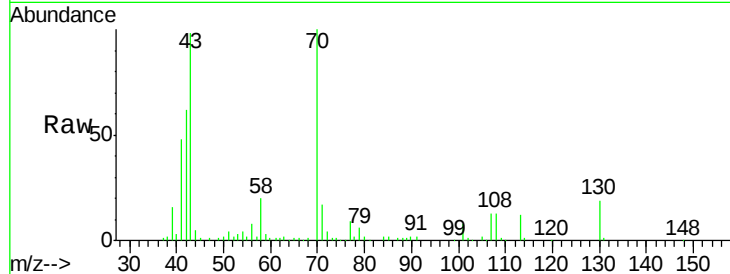
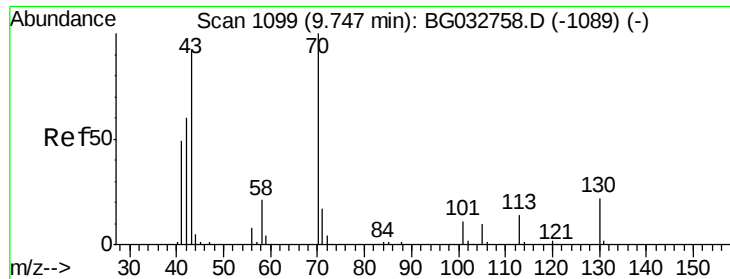
Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 102.6 | 76.7 | 115.1 |       |
| 201     | 136.8 | 95.7 | 143.5 |       |





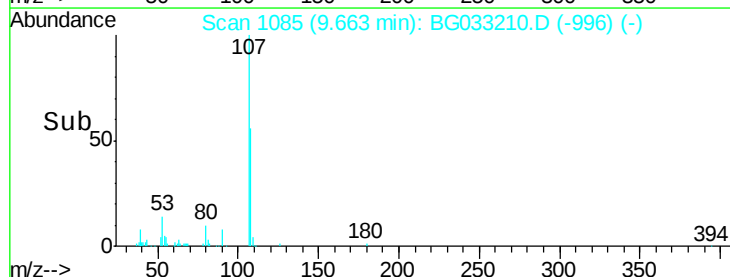
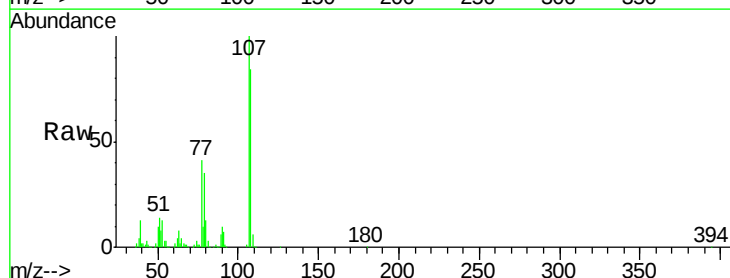
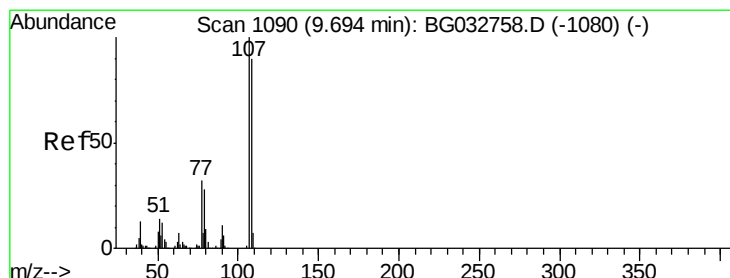
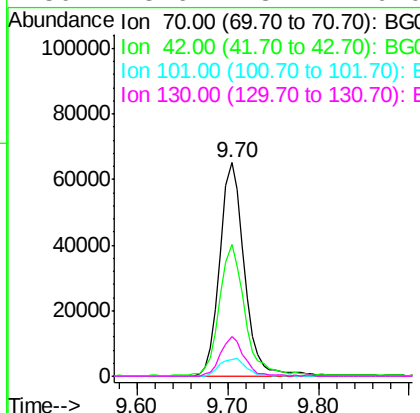
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.226 ng  
RT: 9.70 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 61.7 | 49.1  | 73.7 |       |       |
| 101     | 7.8  | 8.5   | 12.7 |       |       |
| 130     | 18.6 | 13.4  | 20.0 |       |       |

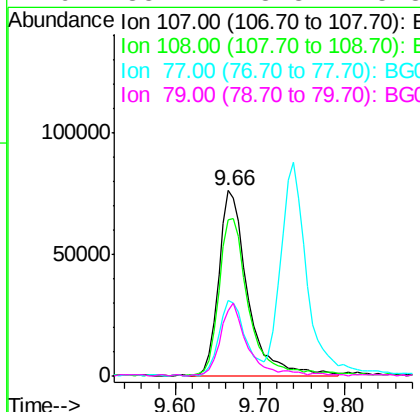
Manual Integrations  
APPROVED

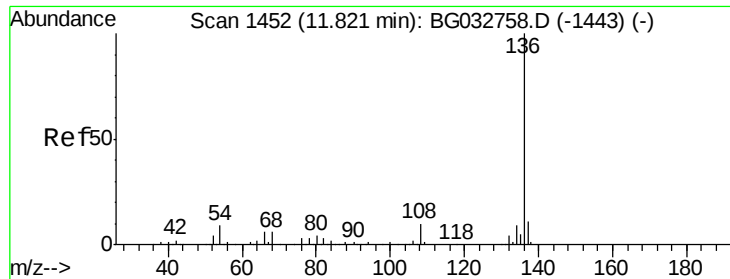
Sohil  
3/19/2018 2:20:36 PM



#20  
3+4-Methylphenols  
Concen: 47.964 ng  
RT: 9.66 min Scan# 1085  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 84.3 | 61.6  | 101.6 |       |       |
| 77      | 40.9 | 13.9  | 53.9  |       |       |
| 79      | 35.2 | 8.8   | 48.8  |       |       |





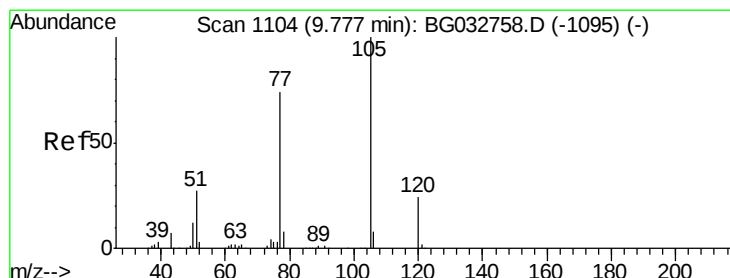
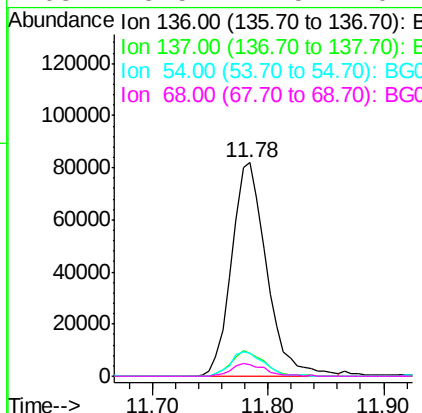
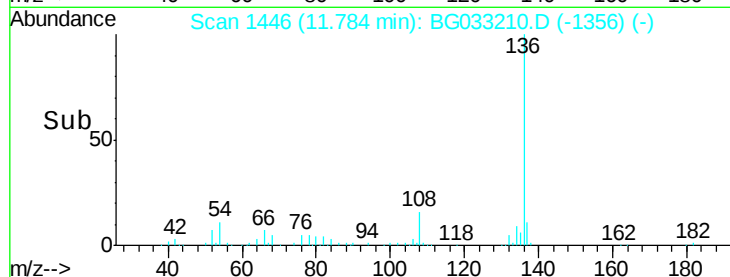
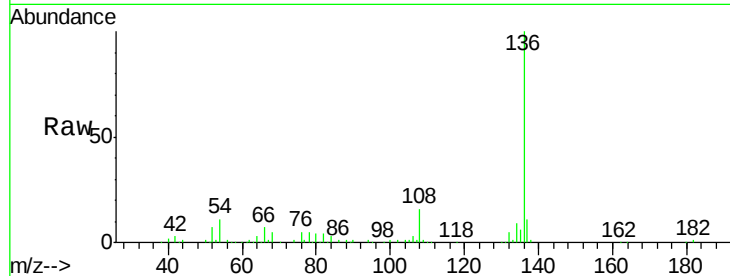
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.78 min Scan# 1446  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.7  | 9.2   | 13.8  |
| 54      | 10.7  | 10.3  | 15.5  |
| 68      | 5.5   | 4.5   | 6.7   |

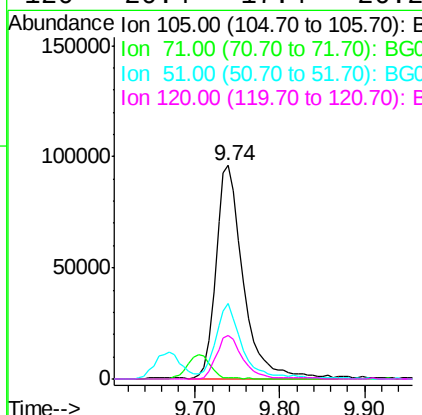
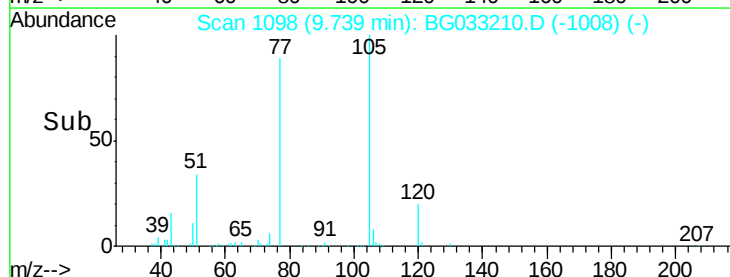
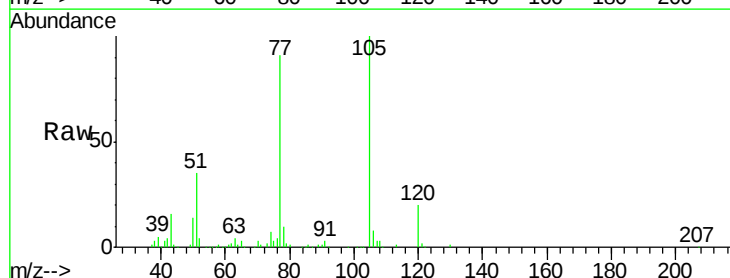
Manual Integrations  
APPROVED

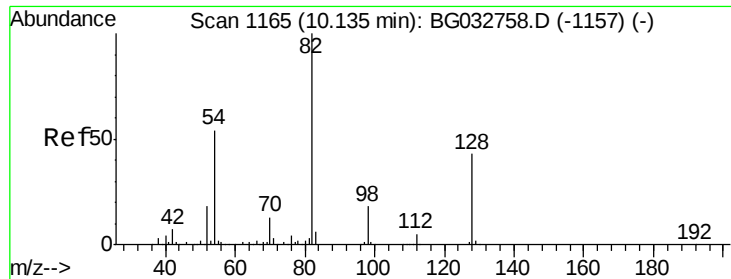
Sohil  
3/19/2018 2:20:36 PM



#22  
Acetophenone  
Concen: 49.240 ng  
RT: 9.74 min Scan# 1098  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.8   | 3.0   | 4.4#  |
| 51      | 35.2  | 26.1  | 39.1  |
| 120     | 20.4  | 17.4  | 26.2  |





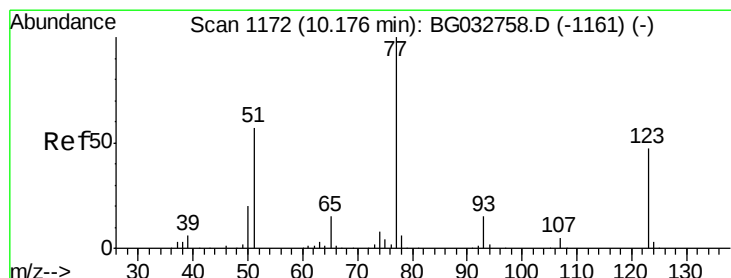
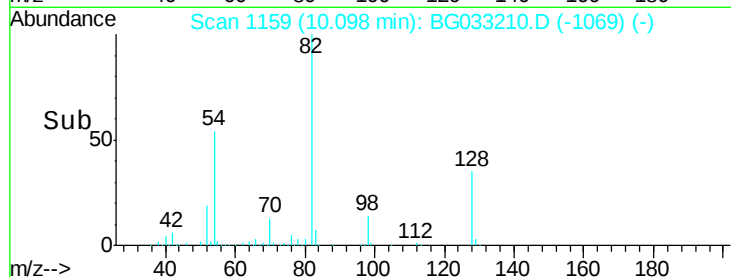
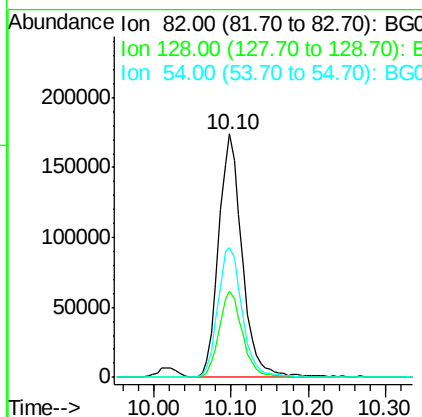
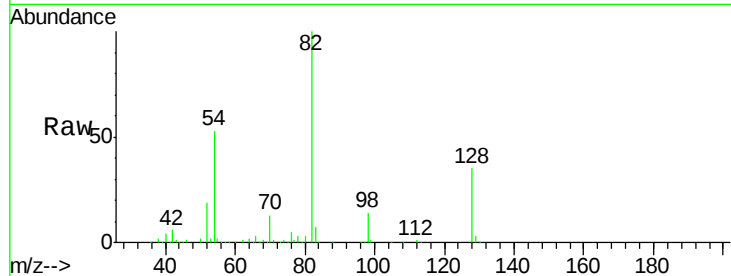
#23  
 Nitrobenzene-d5  
 Concen: 139.792 ng  
 RT: 10.10 min Scan# 1159  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.2  | 29.7  | 44.5  |
| 54      | 53.5  | 43.1  | 64.7  |

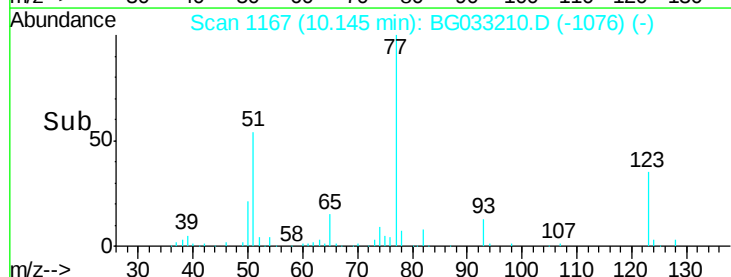
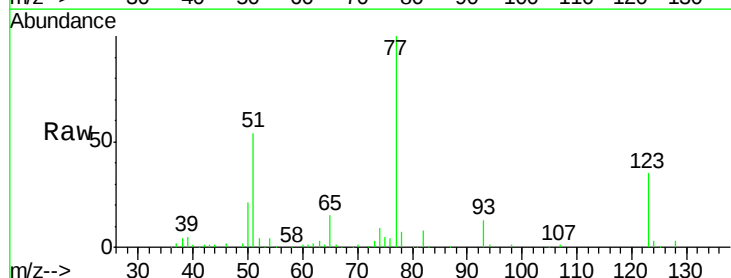
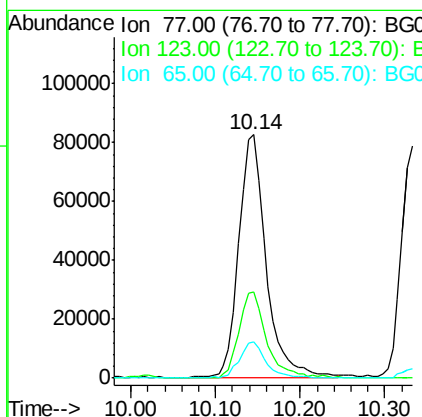
Manual Integrations  
 APPROVED

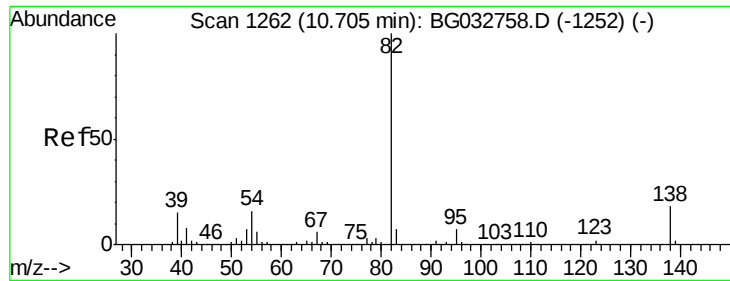
Sohil  
 3/19/2018 2:20:36 PM



#24  
 Nitrobenzene  
 Concen: 65.245 ng  
 RT: 10.14 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.3  | 33.0  | 49.6  |
| 65      | 15.1  | 13.0  | 19.6  |





#25

Isophorone

Concen: 57.550 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

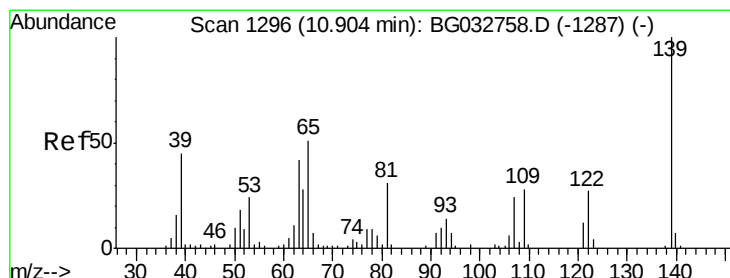
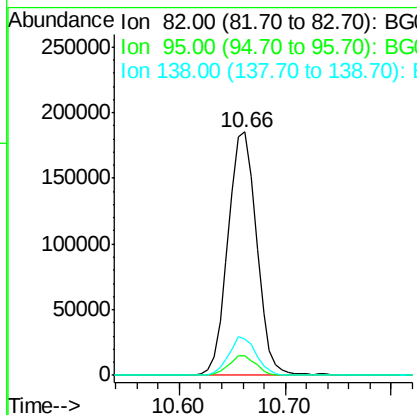
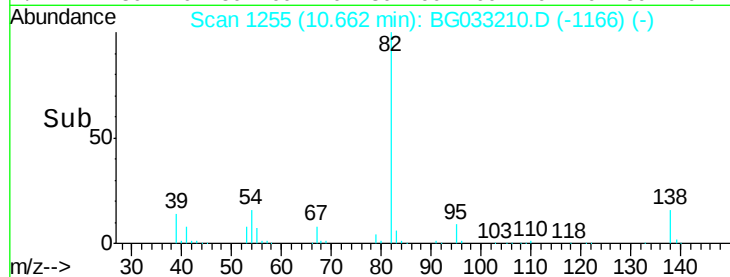
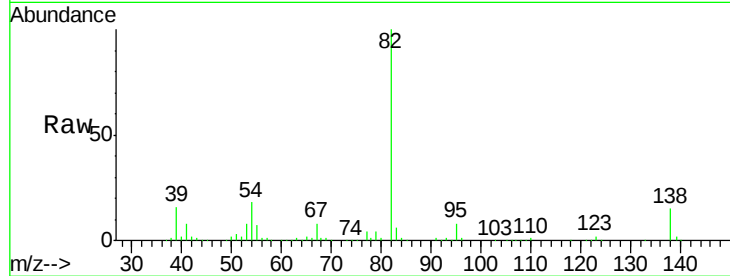
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 348531 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.2   | 6.2   | 9.2    |
| 138       | 15.0  | 12.1  | 18.1   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#26

2-Nitrophenol

Concen: 69.811 ng

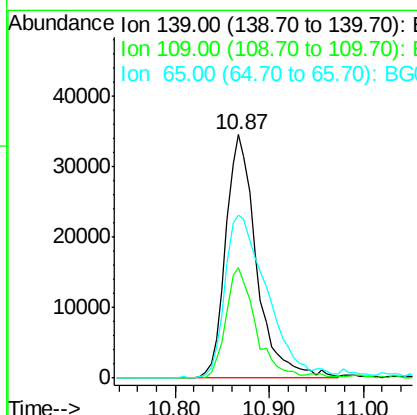
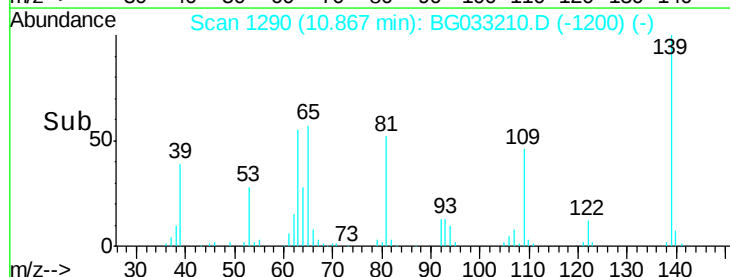
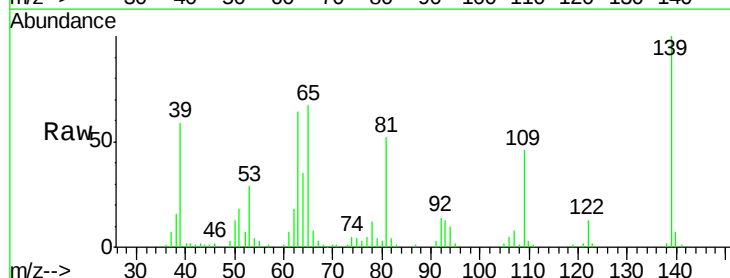
RT: 10.87 min Scan# 1290

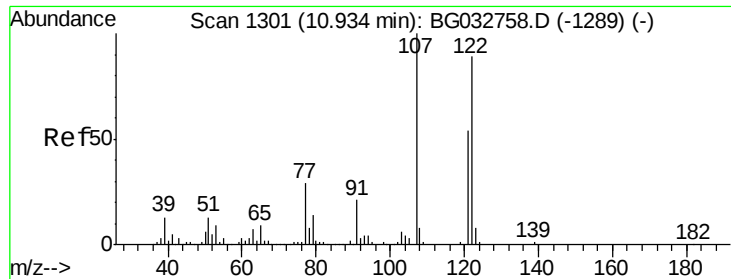
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 78752 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 45.6  | 24.2  | 36.2# |
| 65        | 66.8  | 47.4  | 71.0  |





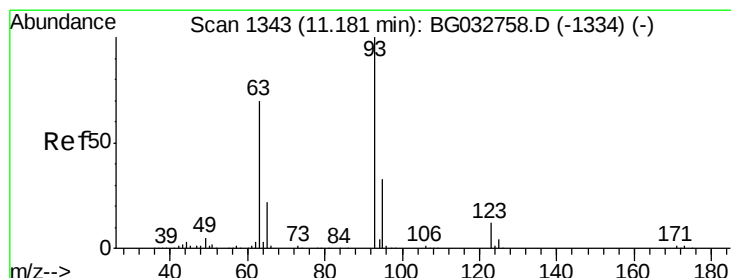
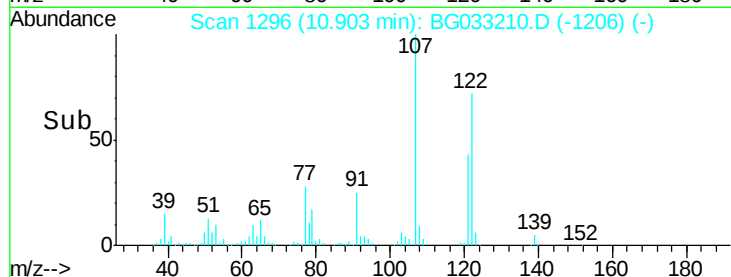
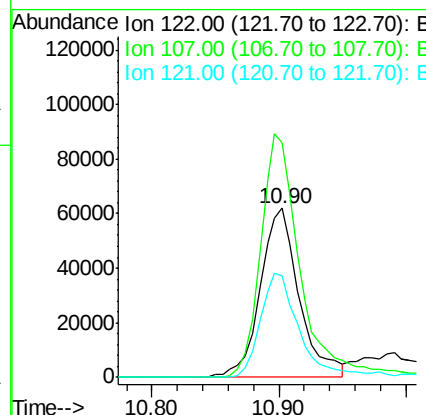
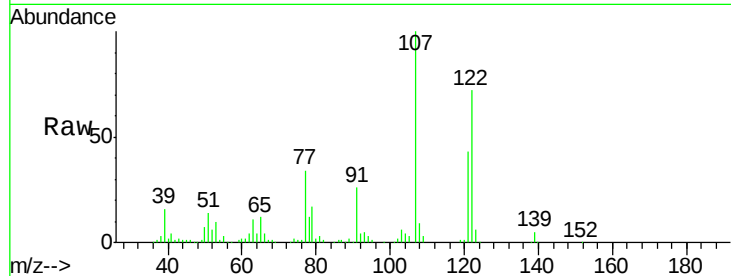
#27  
 2,4-Dimethylphenol  
 Concen: 50.270 ng  
 RT: 10.90 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.9 | 100.2 | 150.2 |
| 121     | 59.8  | 44.4  | 66.6  |

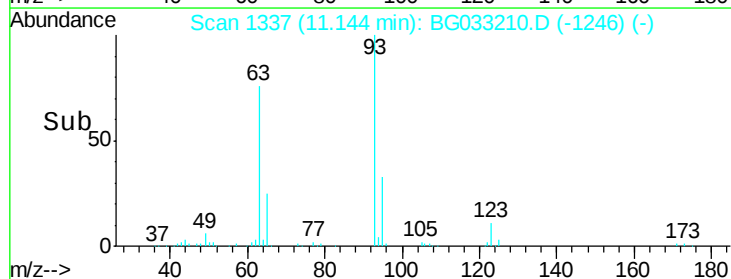
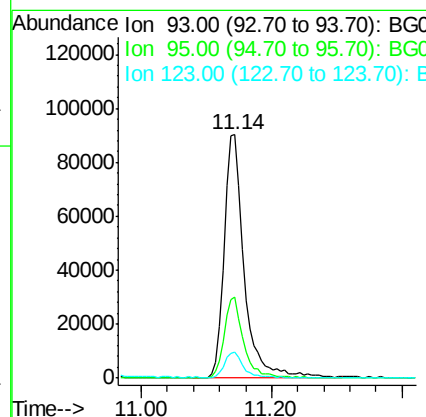
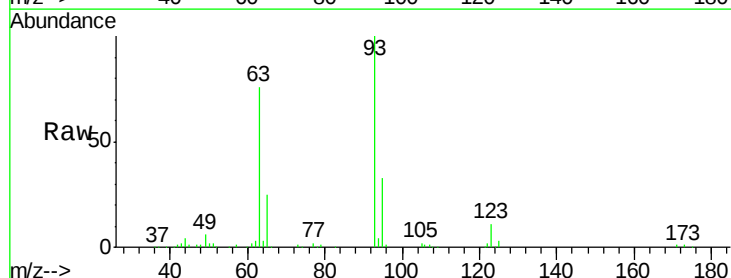
Manual Integrations  
 APPROVED

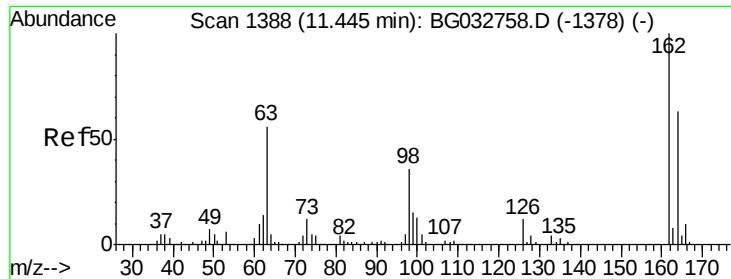
Sohil  
 3/19/2018 2:20:36 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 54.763 ng  
 RT: 11.14 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 24.3  | 36.5  |
| 123     | 10.6  | 8.4   | 12.6  |





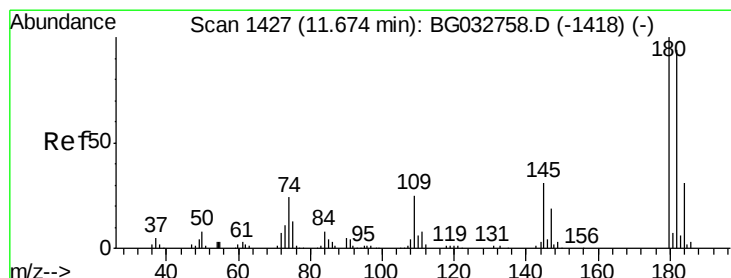
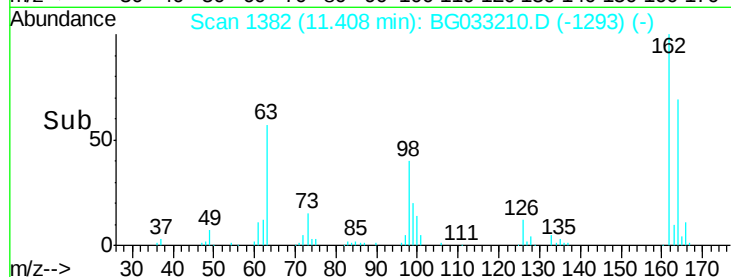
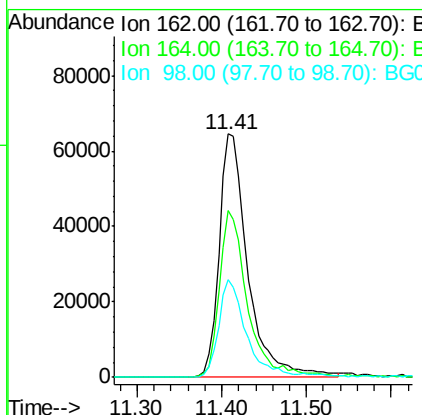
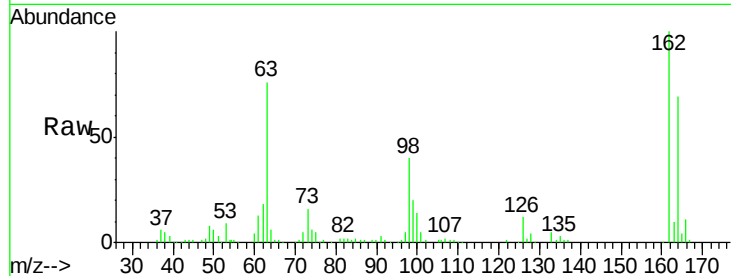
#29  
 2,4-Dichlorophenol  
 Concen: 63.834 ng  
 RT: 11.41 min Scan# 1382  
 Delta R.T. -0.01 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 152420 |       |       |
| 164     | 68.6  | 48.0   | 88.0  |       |
| 98      | 40.2  | 21.1   | 61.1  |       |

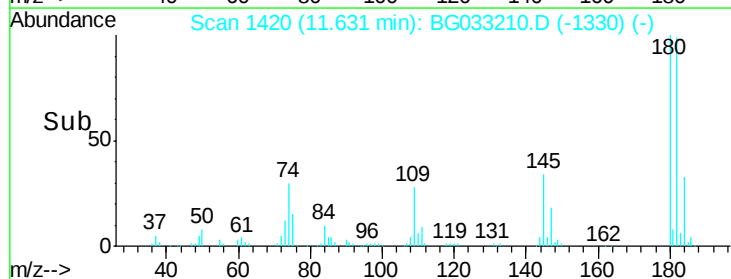
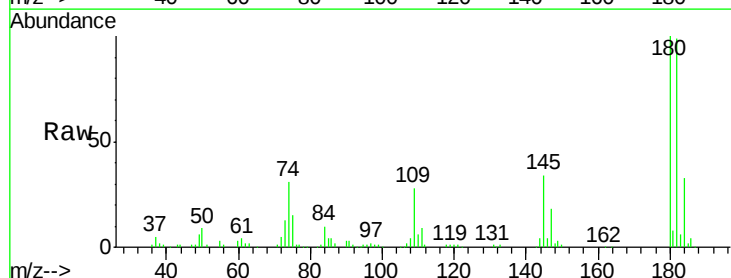
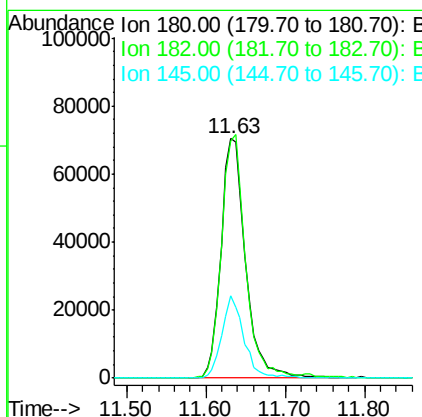
Manual Integrations  
 APPROVED

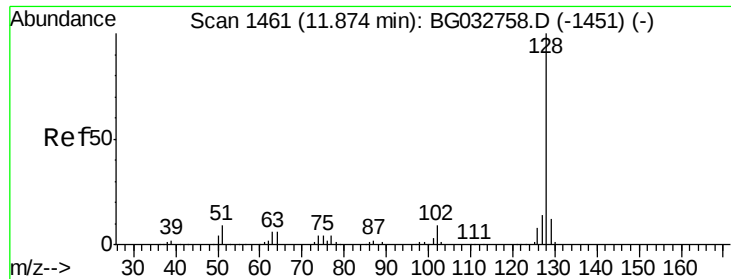
Sohil  
 3/19/2018 2:20:36 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 54.071 ng  
 RT: 11.63 min Scan# 1420  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 151342 |       |       |
| 182     | 98.9  | 77.5   | 116.3 |       |
| 145     | 34.4  | 23.4   | 35.2  |       |





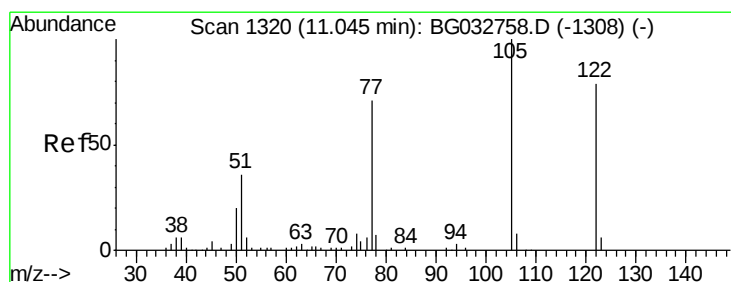
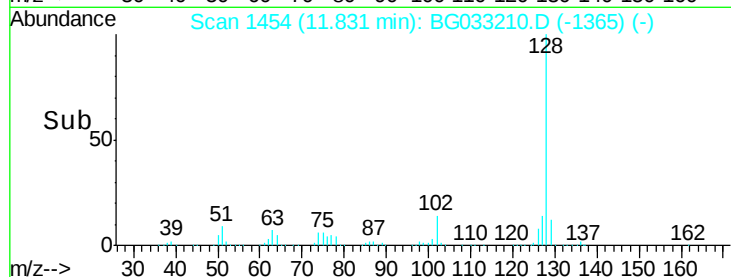
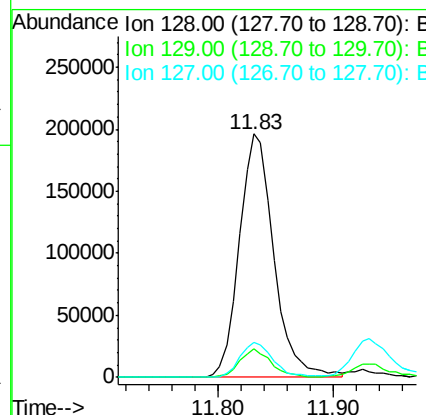
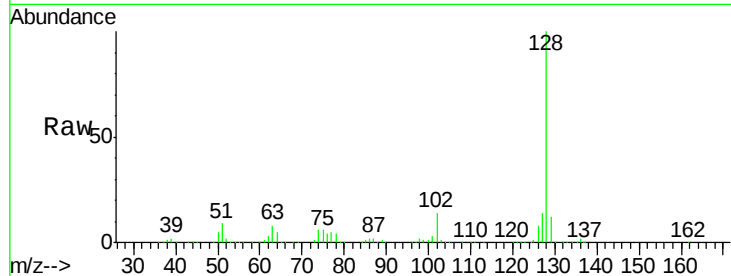
#31  
Naphthalene  
Concen: 44.964 ng  
RT: 11.83 min Scan# 1454  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampled :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 8.6   | 12.8  |
| 127     | 14.5  | 11.6  | 17.4  |

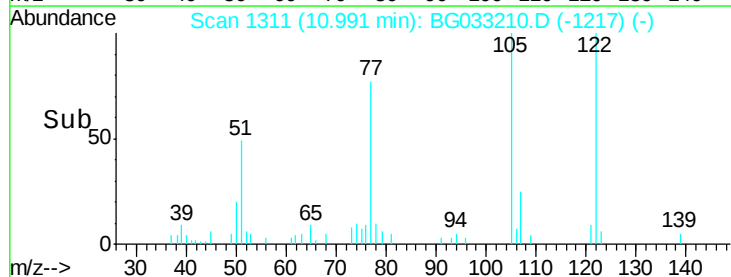
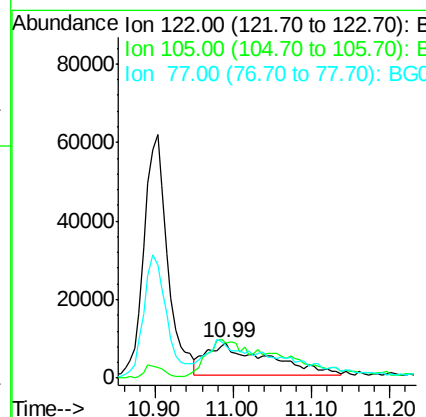
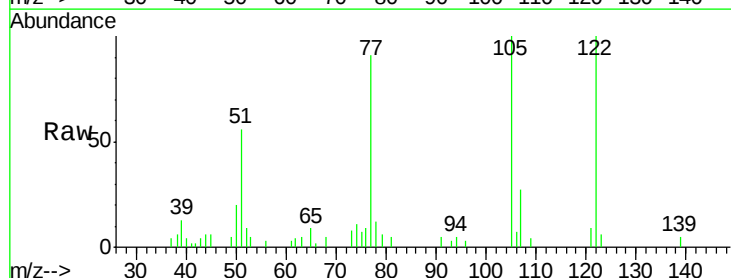
Manual Integrations  
APPROVED

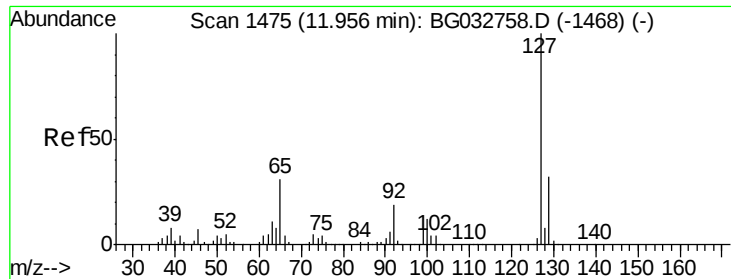
Sohil  
3/19/2018 2:20:36 PM



#32  
Benzoic acid  
Concen: 32.374 ng m  
RT: 10.99 min Scan# 1311  
Delta R.T. 0.02 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 100.0 | 123.5 | 163.5# |
| 77      | 90.6  | 85.7  | 125.7  |





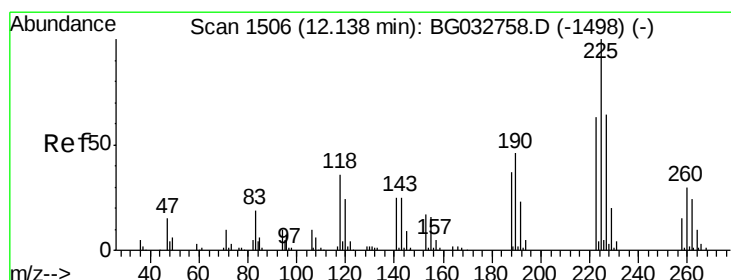
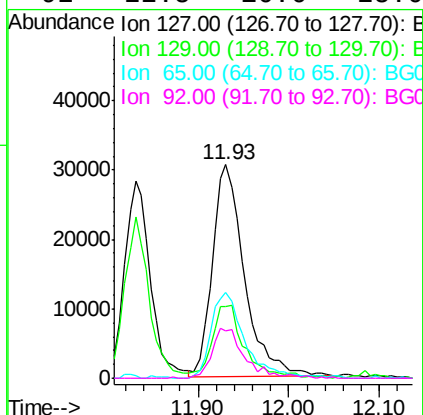
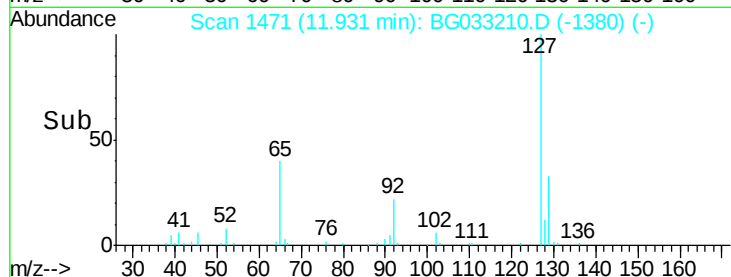
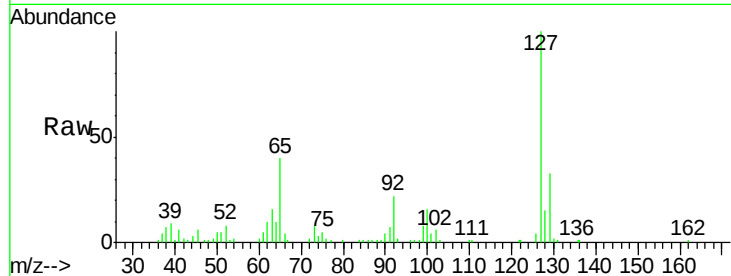
#33  
4-Chloroaniline  
Concen: 18.699 ng  
RT: 11.93 min Scan# 1471  
Delta R.T. 0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.5 | 24.0  | 36.0 |       |       |
| 65      | 40.4 | 27.0  | 40.4 |       |       |
| 92      | 22.5 | 16.6  | 25.0 |       |       |

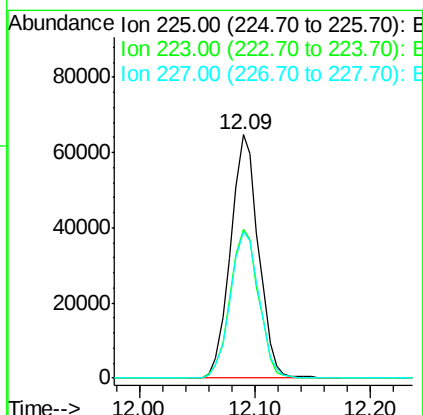
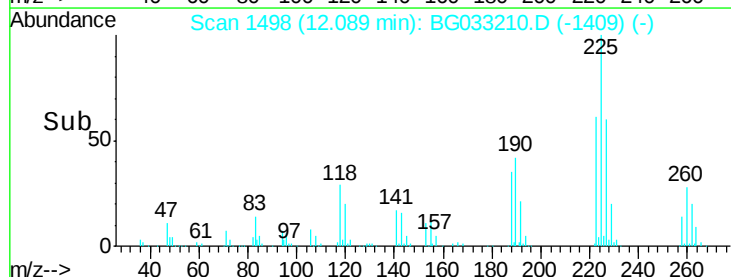
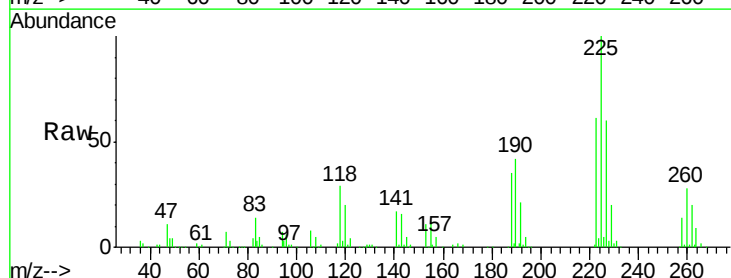
Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#34  
Hexachlorobutadiene  
Concen: 68.906 ng  
RT: 12.09 min Scan# 1498  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.3 | 49.7  | 74.5 |       |       |
| 227     | 59.9 | 48.1  | 72.1 |       |       |





#35

Caprolactam

Concen: 56.804 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

ClientSampleId :

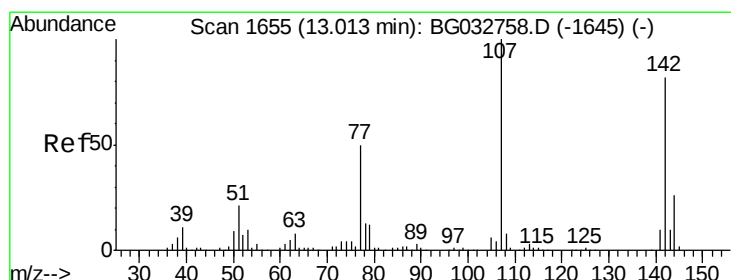
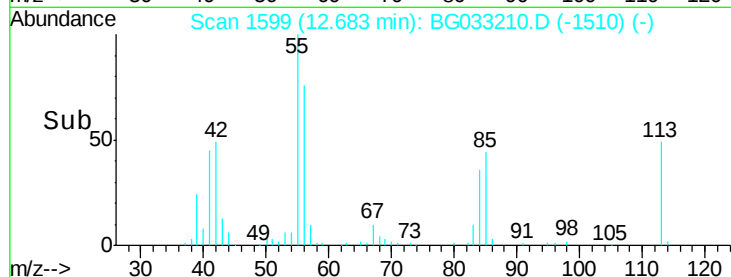
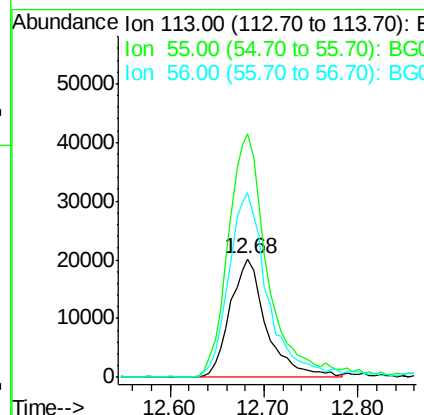
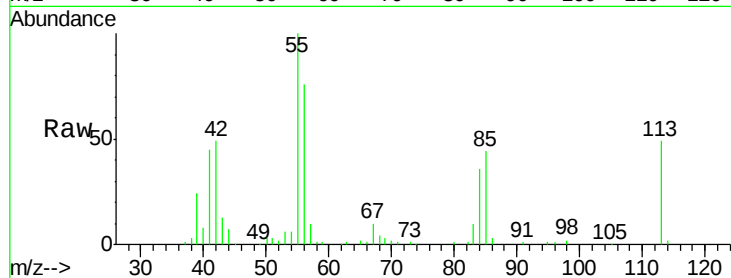
PB107389BS

Tot Ion:113 Resp: 54310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 55  | 206.0 | 186.9 | 226.9 |
| 56  | 156.4 | 130.9 | 170.9 |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#36

4-Chloro-3-methylphenol

Concen: 69.423 ng

RT: 12.99 min Scan# 1651

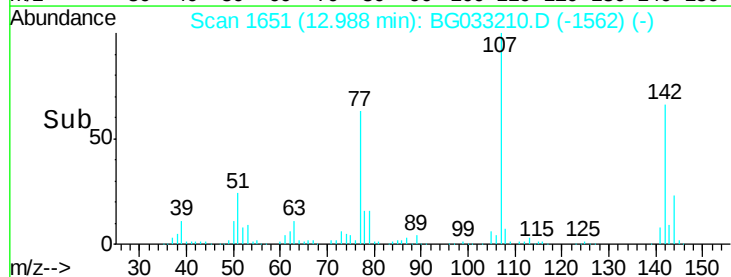
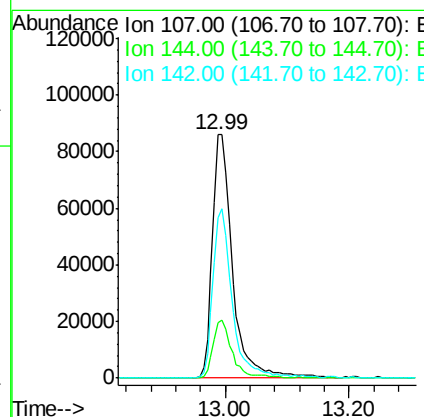
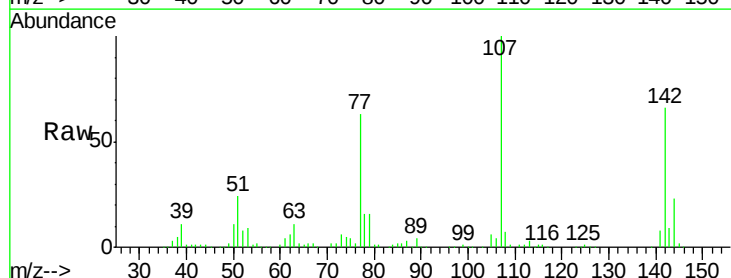
Delta R.T. -0.01 min

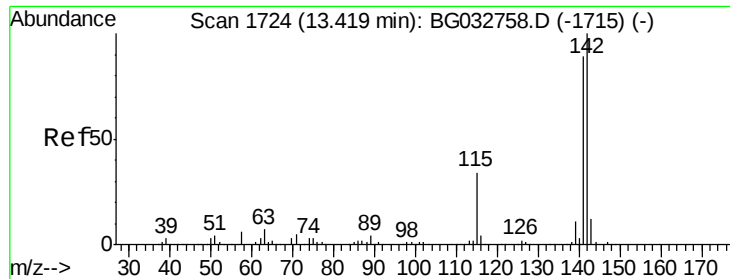
Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Tgt Ion:107 Resp: 192903

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 22.9  | 18.2  | 27.4  |
| 142 | 66.0  | 59.0  | 88.4  |





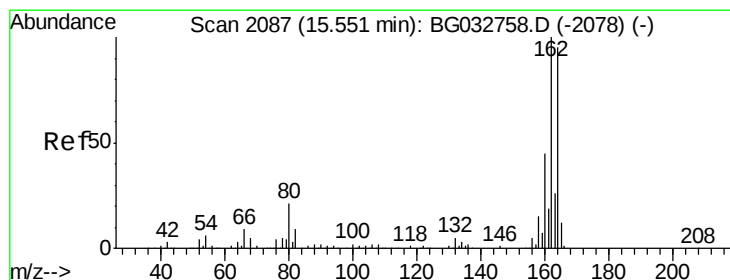
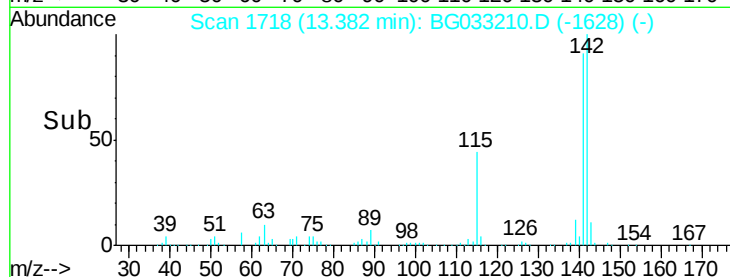
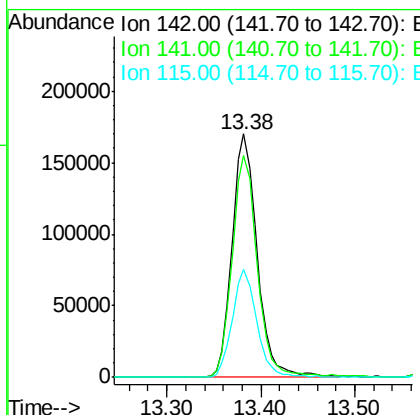
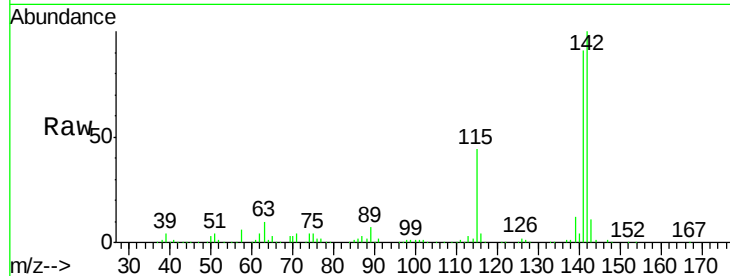
#37  
2-Methylnaphthalene  
Concen: 48.336 ng  
RT: 13.38 min Scan# 1718  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 67.1  | 100.7 |
| 115     | 44.2  | 30.7  | 46.1  |

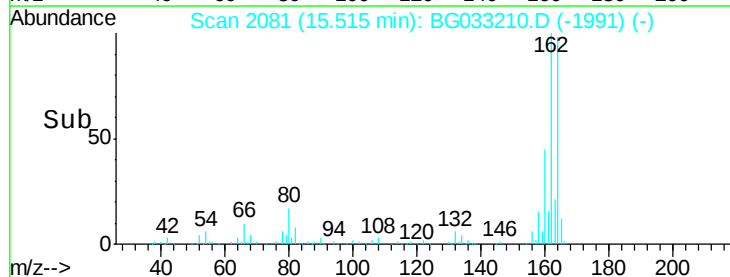
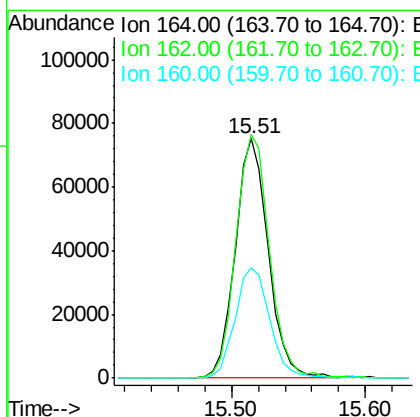
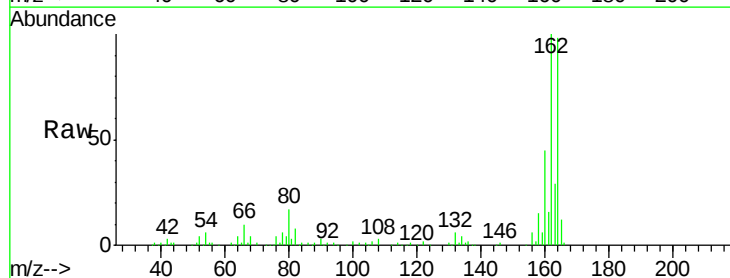
Manual Integrations  
APPROVED

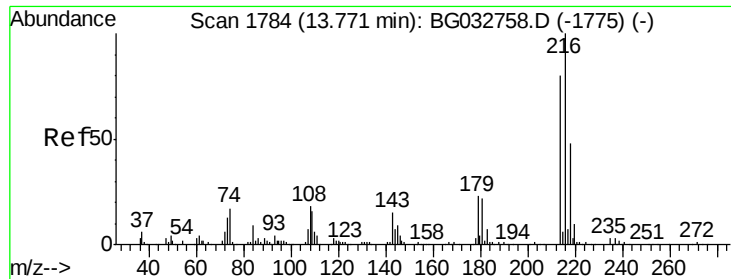
Sohil  
3/19/2018 2:20:36 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.51 min Scan# 2081  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 78.8  | 118.2 |
| 160     | 46.1  | 35.4  | 53.0  |





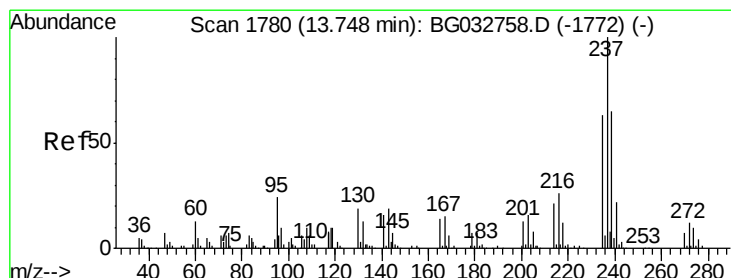
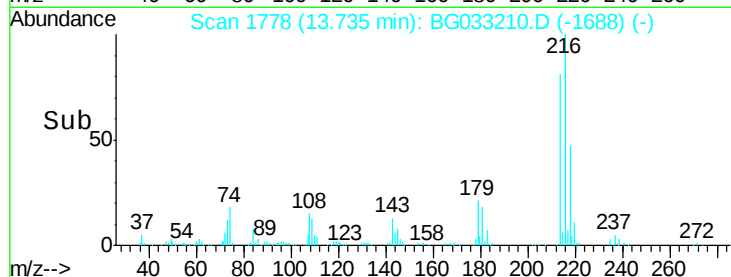
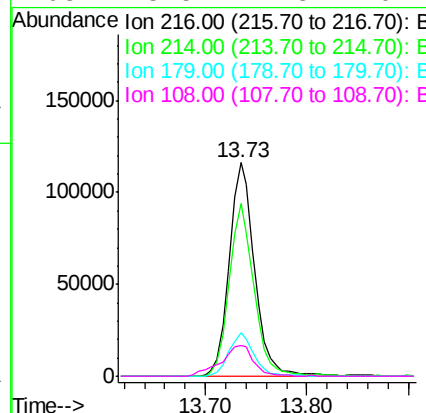
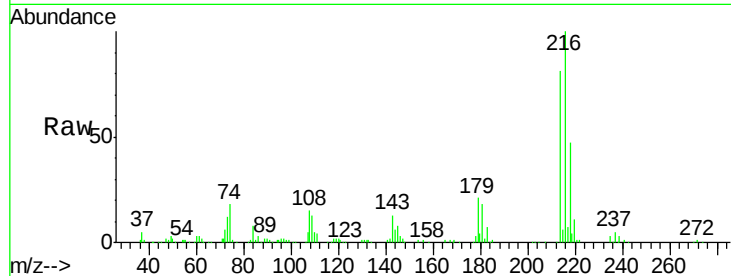
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 52.915 ng  
 RT: 13.73 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 201771 |       |       |
| 214     | 79.1 | 63.0  | 94.4   |       |       |
| 179     | 20.2 | 17.0  | 25.6   |       |       |
| 108     | 18.5 | 12.8  | 19.2   |       |       |

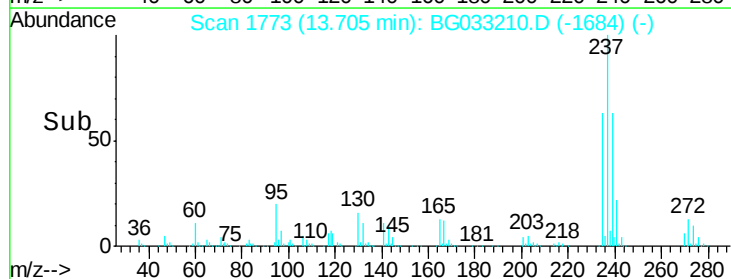
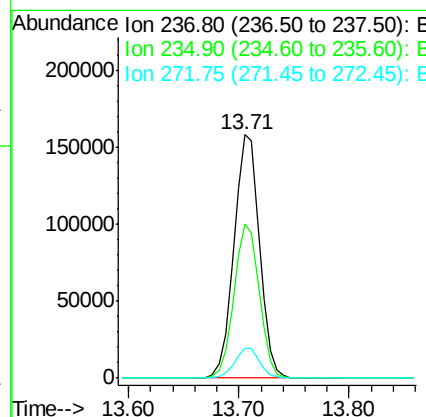
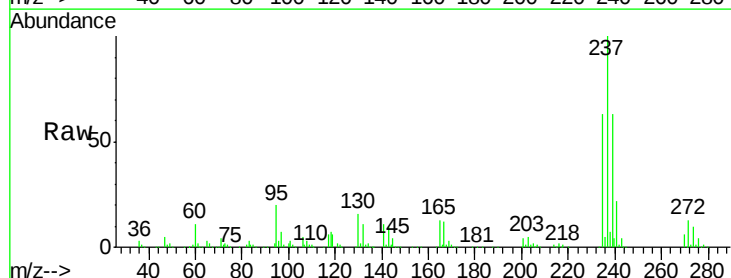
Manual Integrations  
 APPROVED

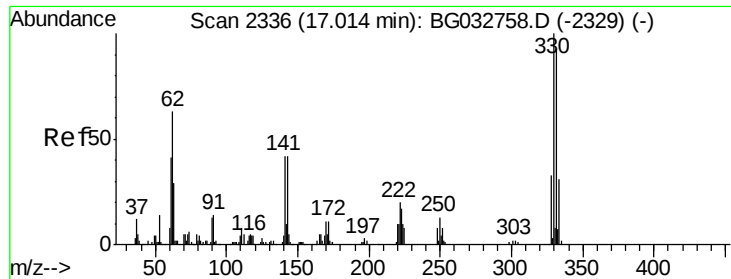
Sohil  
 3/19/2018 2:20:36 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 132.295 ng  
 RT: 13.71 min Scan# 1773  
 Delta R.T. -0.01 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 257091 |       |       |
| 235     | 63.3 | 50.4  | 90.4   |       |       |
| 272     | 12.5 | 0.0   | 31.8   |       |       |





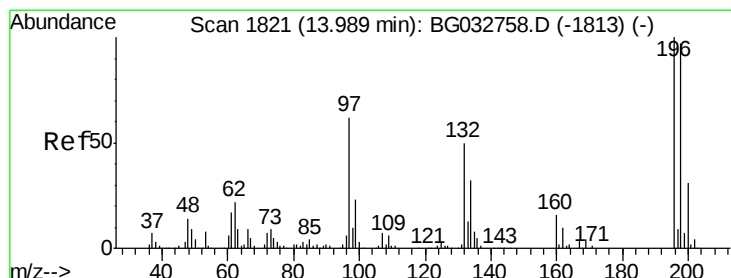
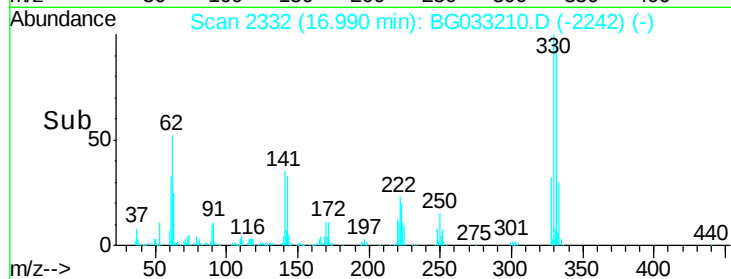
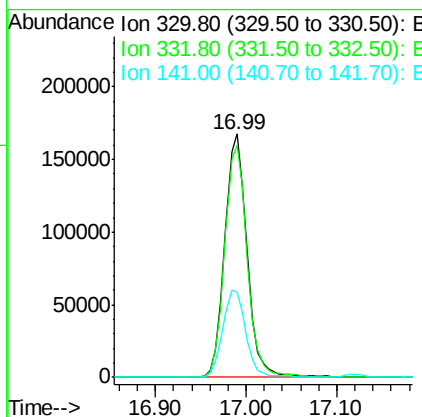
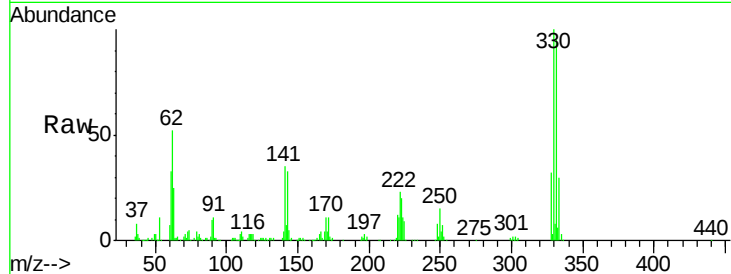
#41  
 2,4,6-Tribromophenol  
 Concen: 211.550 ng  
 RT: 16.99 min Scan# 2332  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 77.0  | 115.6 |
| 141     | 36.8  | 25.2  | 37.8  |

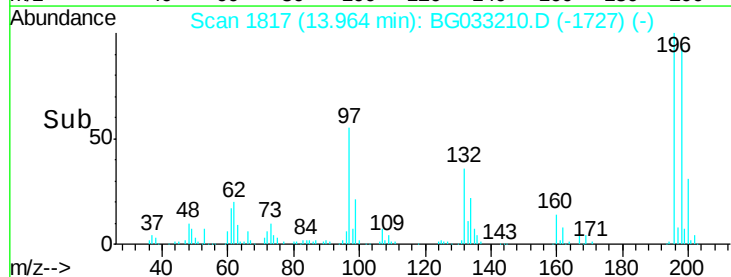
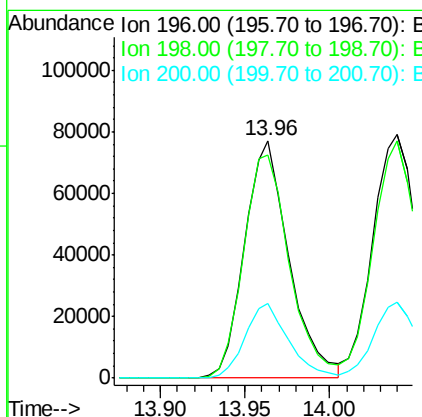
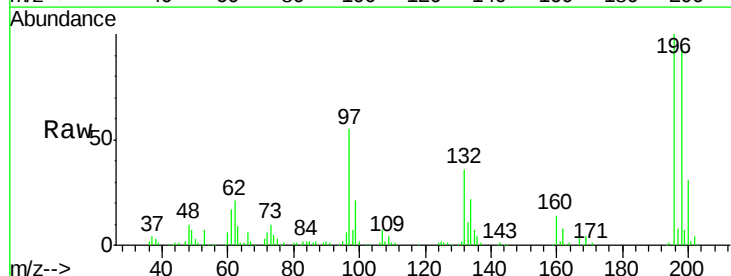
Manual Integrations  
 APPROVED

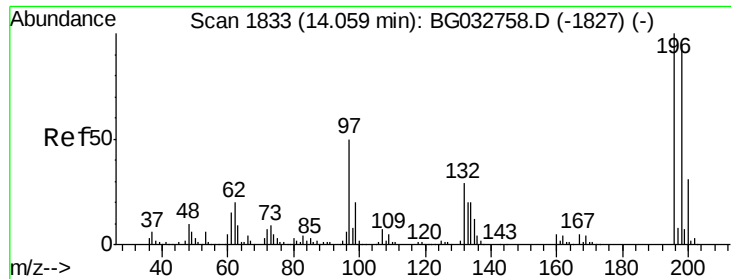
Sohil  
 3/19/2018 2:20:36 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 58.704 ng  
 RT: 13.96 min Scan# 1817  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.8  | 78.2  | 117.2 |
| 200     | 31.3  | 24.6  | 36.8  |





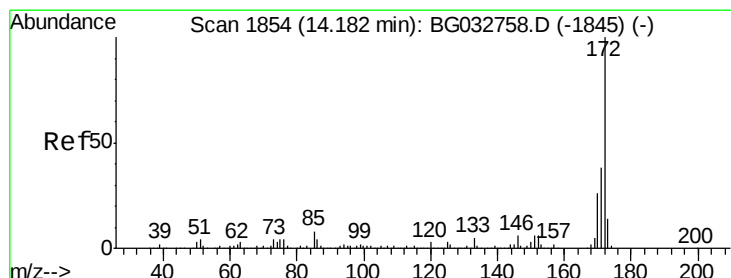
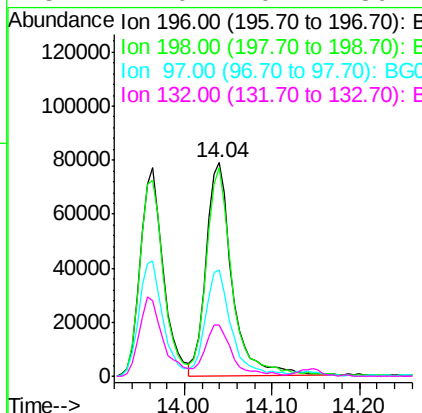
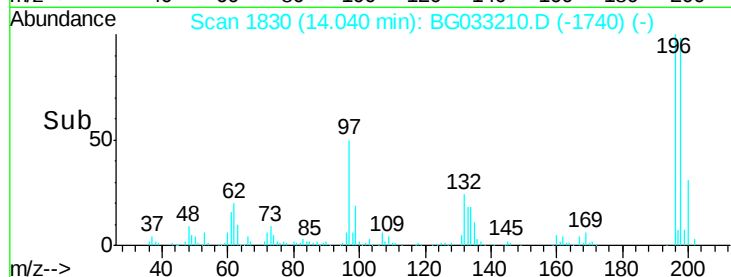
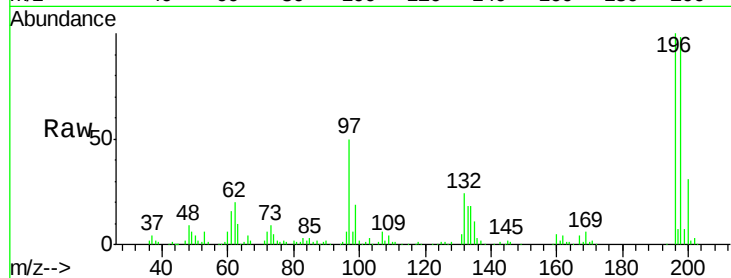
#43  
 2,4,5-Trichlorophenol  
 Concen: 58.386 ng  
 RT: 14.04 min Scan# 1830  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 162497 |       |       |
| 198     | 97.6 | 76.2  | 114.4  |       |       |
| 97      | 49.8 | 38.7  | 58.1   |       |       |
| 132     | 24.0 | 20.2  | 30.2   |       |       |

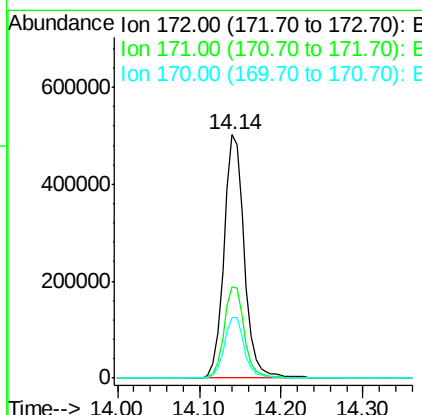
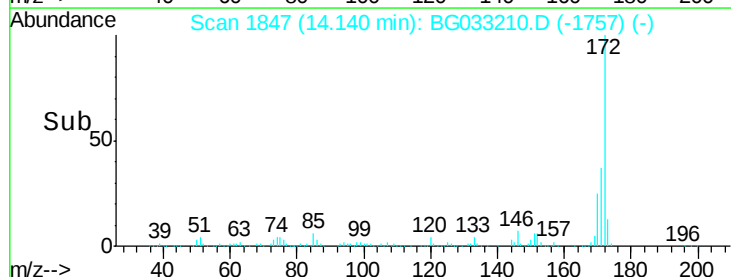
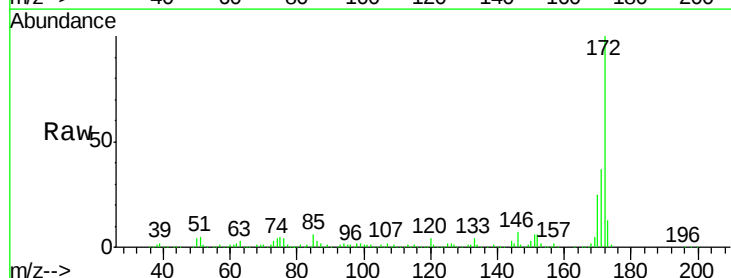
Manual Integrations  
 APPROVED

Sohil  
 3/19/2018 2:20:36 PM



#44  
 2-Fluorobiphenyl  
 Concen: 97.207 ng  
 RT: 14.14 min Scan# 1847  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 865763 |       |       |
| 171     | 37.4 | 30.0  | 45.0   |       |       |
| 170     | 24.7 | 19.5  | 29.3   |       |       |





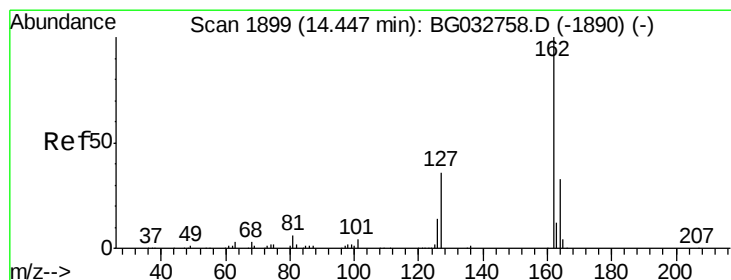
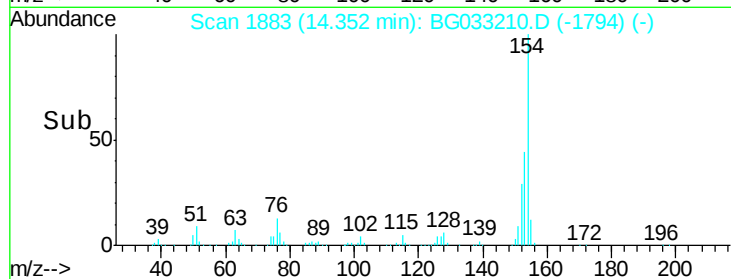
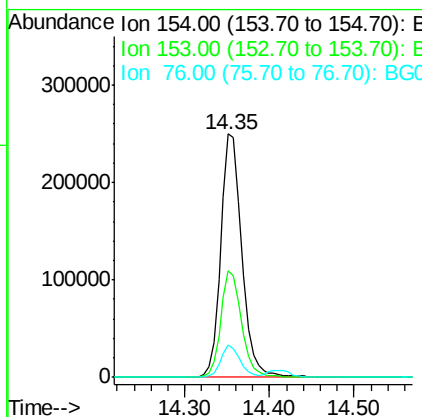
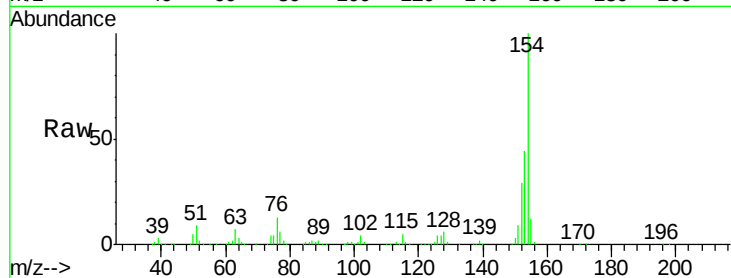
#45  
 1,1'-Biphenyl  
 Concen: 38.668 ng  
 RT: 14.35 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.7  | 19.8  | 59.8  |
| 76      | 13.1  | 0.0   | 31.9  |

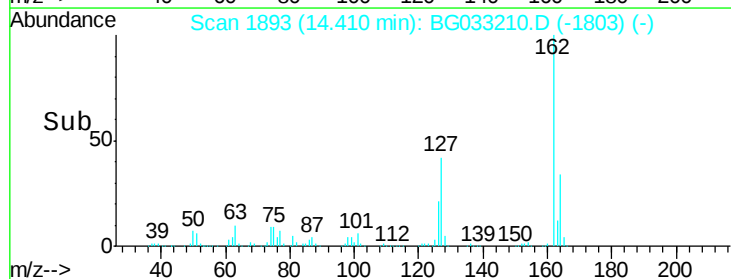
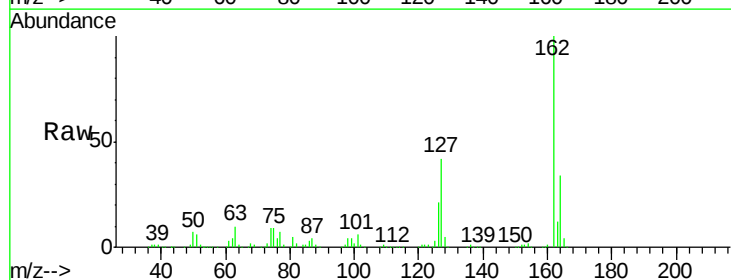
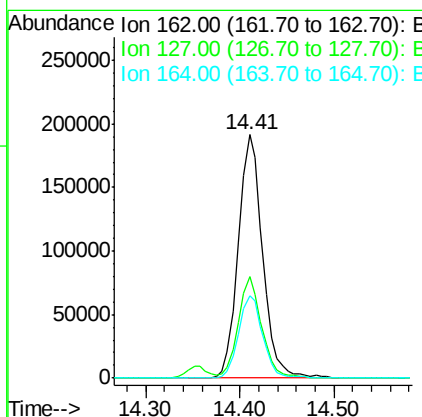
Manual Integrations  
 APPROVED

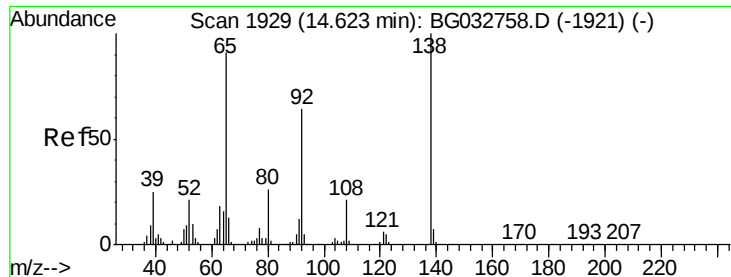
Sohil  
 3/19/2018 2:20:36 PM



#46  
 2-Chloronaphthalene  
 Concen: 40.850 ng  
 RT: 14.41 min Scan# 1893  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.9  | 30.7  | 46.1  |
| 164     | 33.9  | 26.0  | 39.0  |





#47

2-Nitroaniline

Concen: 64.907 ng

RT: 14.60 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

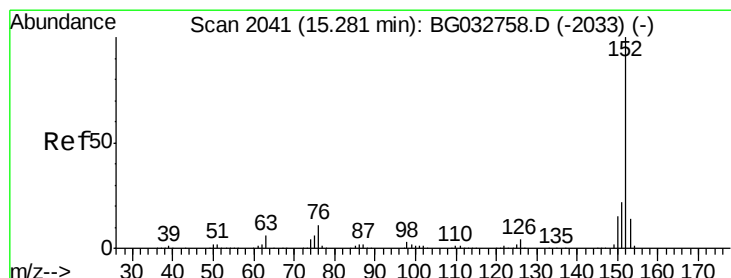
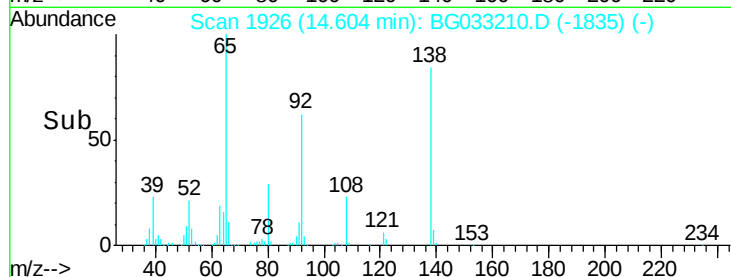
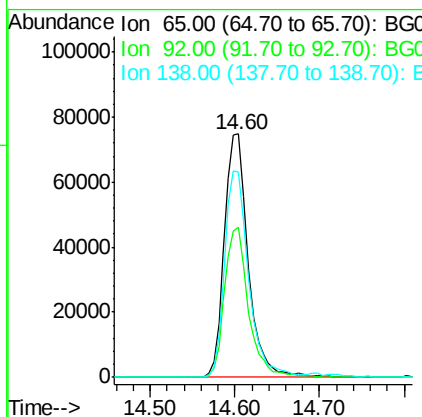
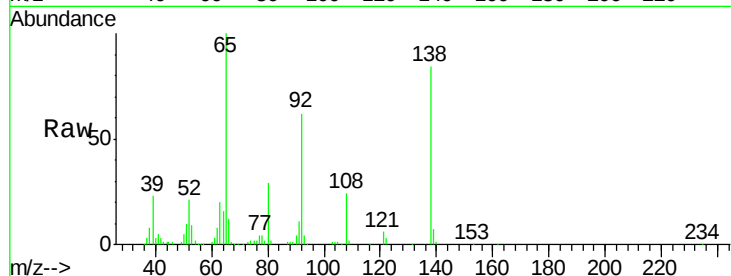
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 146466 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 61.6  | 54.6  | 82.0   |
| 138       | 84.1  | 72.9  | 109.3  |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#48

Acenaphthylene

Concen: 41.251 ng

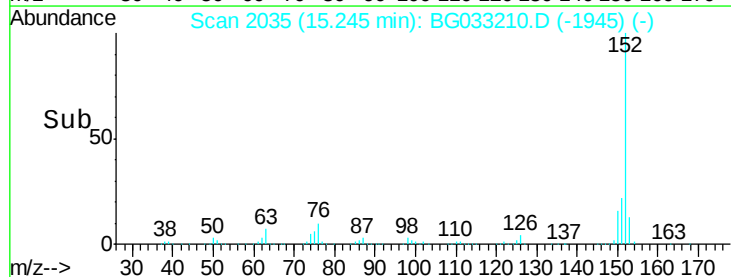
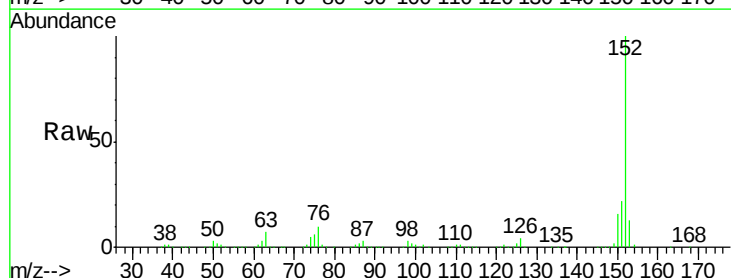
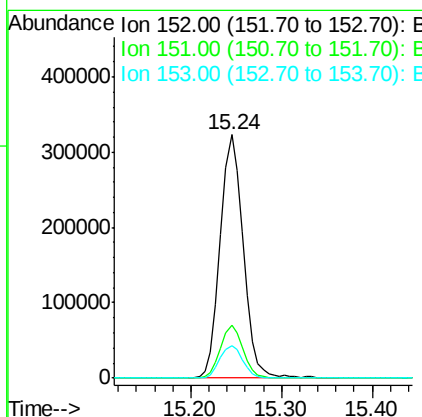
RT: 15.24 min Scan# 2035

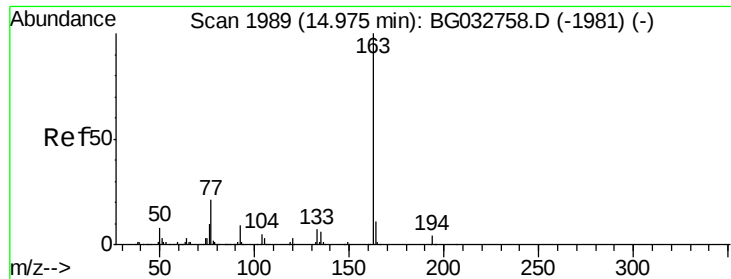
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 566281 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.7  | 17.2  | 25.8   |
| 153       | 13.3  | 10.2  | 15.4   |





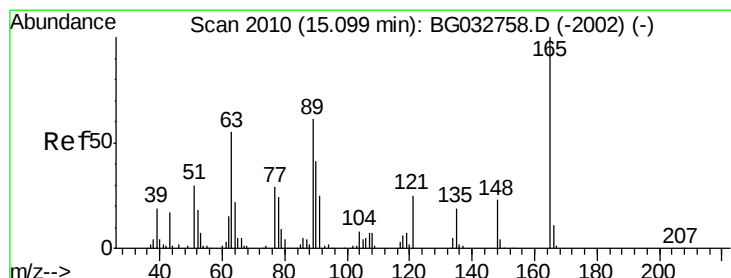
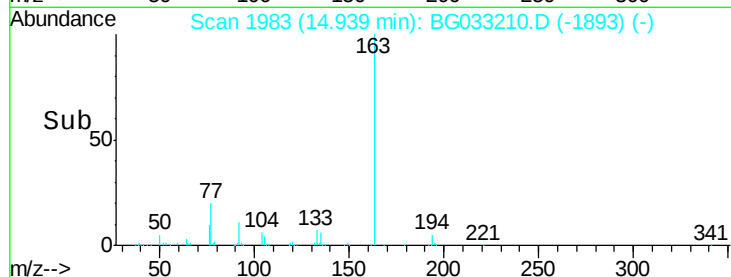
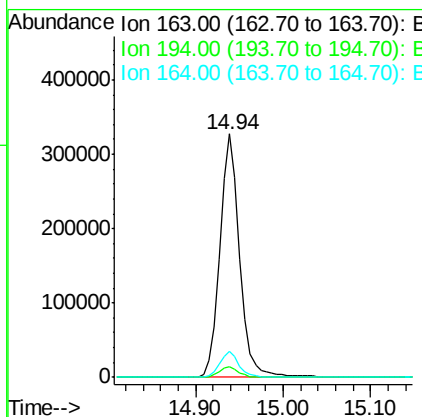
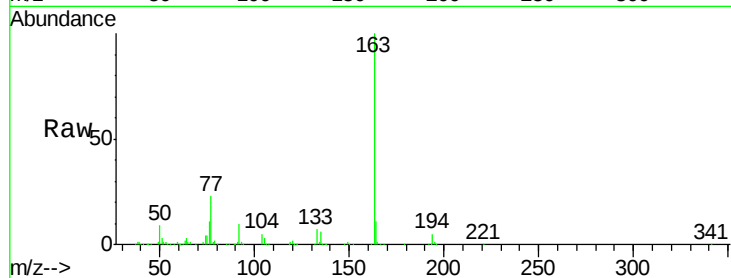
#49  
Dimethylphthalate  
Concen: 46.870 ng  
RT: 14.94 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampled :  
PB107389BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 511200 |       |       |
| 194     | 4.5   |        | 3.4   | 5.2   |
| 164     | 10.6  |        | 8.2   | 12.4  |

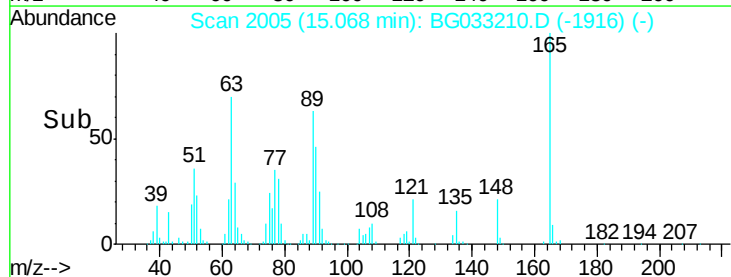
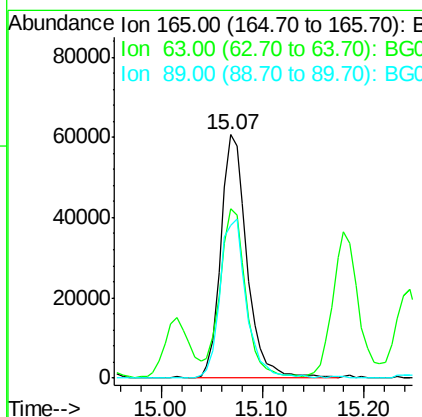
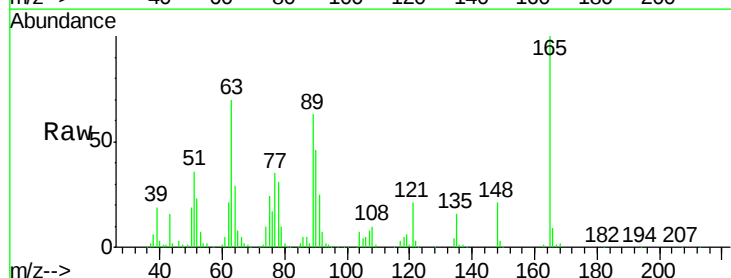
Manual Integrations  
APPROVED

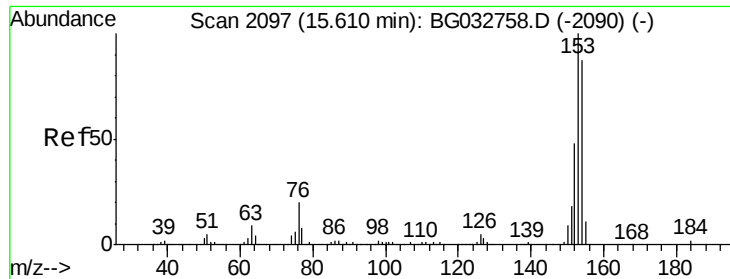
Sohil  
3/19/2018 2:20:36 PM



#50  
2,6-Dinitrotoluene  
Concen: 57.997 ng  
RT: 15.07 min Scan# 2005  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 108805 |       |       |
| 63      | 69.8  |        | 52.7  | 79.1  |
| 89      | 62.6  |        | 49.2  | 73.8  |





#51

Acenaphthene

Concen: 42.186 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

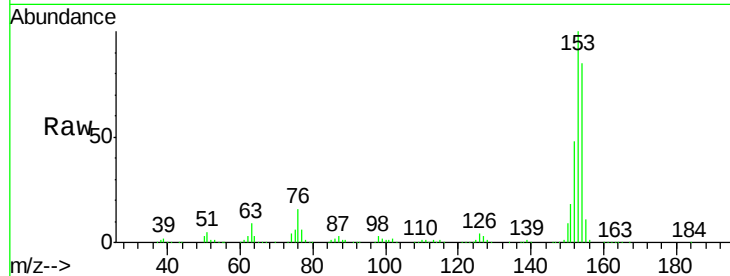
ClientSampleId :

PB107389BS

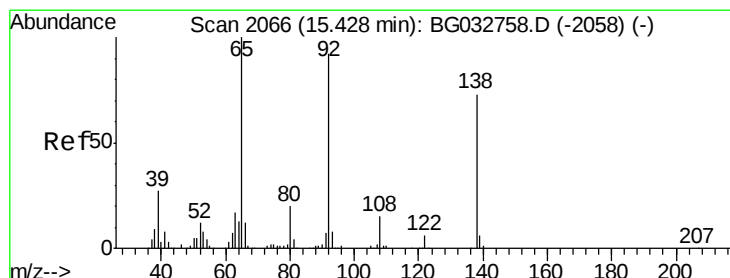
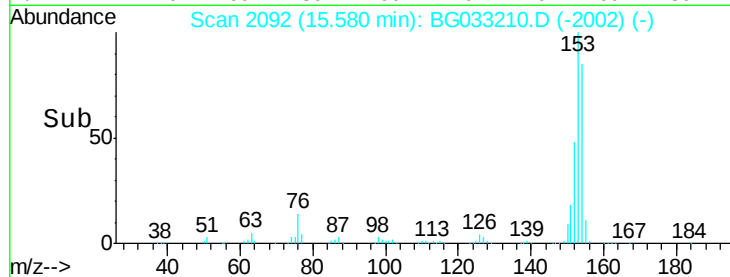
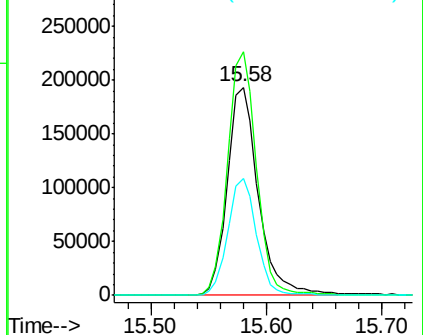
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 360670 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 117.2 | 90.4  | 135.6  |
| 152       | 56.4  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



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



#52

3-Nitroaniline

Concen: 30.282 ng

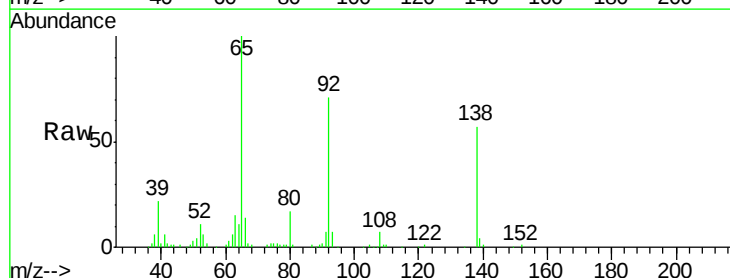
RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

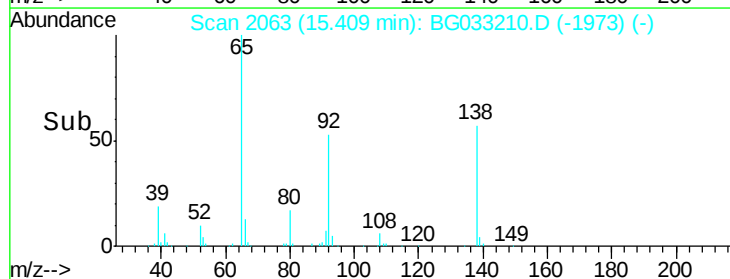
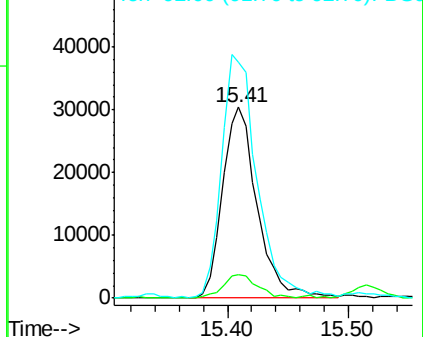
Lab File: BG033210.D

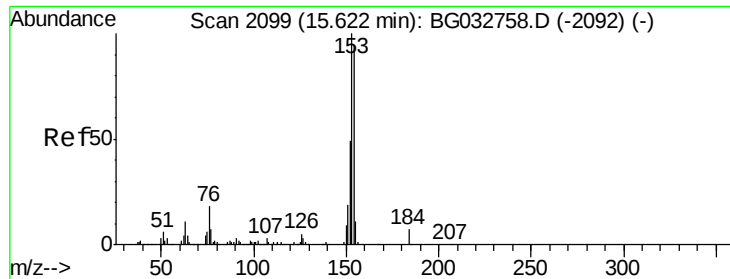
Acq: 16 Mar 2018 21:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 60251 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 12.3  | 17.5  | 26.3# |
| 92        | 123.6 | 105.8 | 158.8 |



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





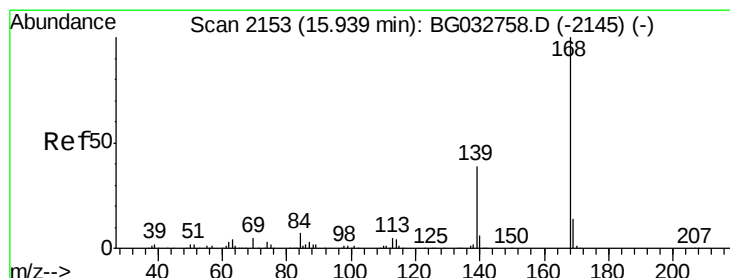
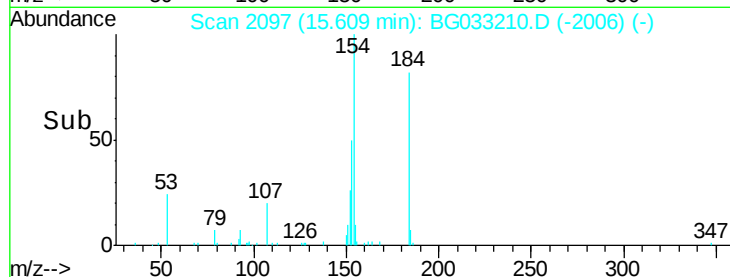
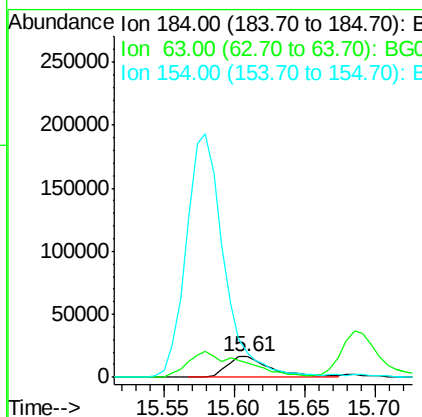
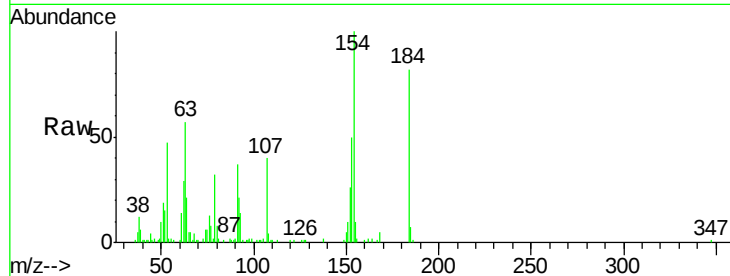
#53  
2,4-Dinitrophenol  
Concen: 66.557 ng  
RT: 15.61 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.5  | 59.8  | 89.8  |
| 154     | 122.1 | 101.8 | 152.8 |

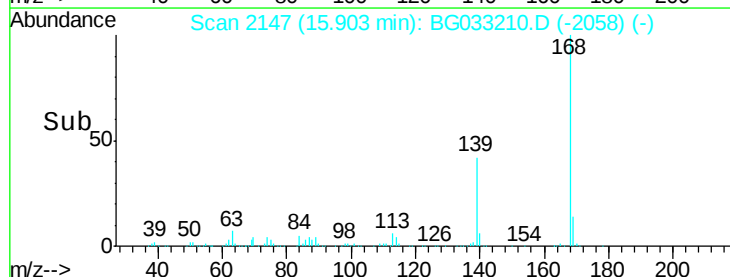
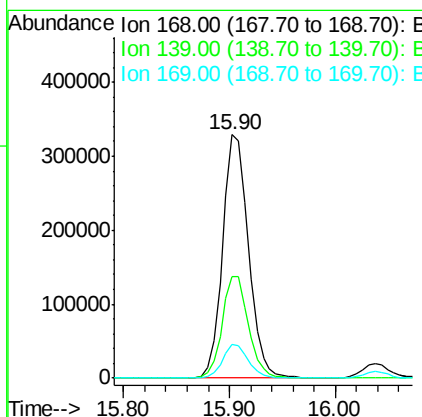
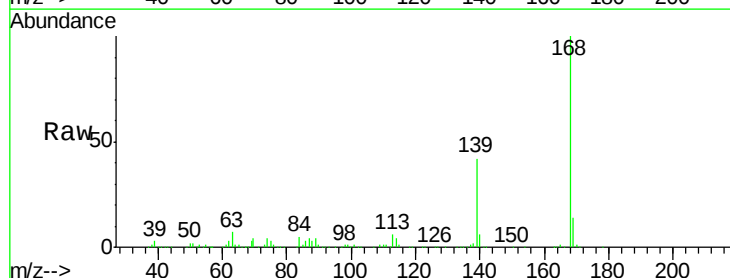
Manual Integrations  
APPROVED

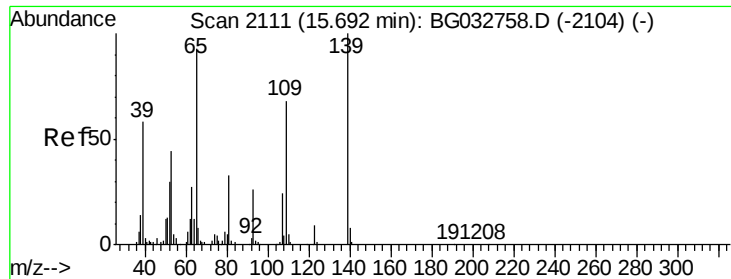
Sohil  
3/19/2018 2:20:36 PM



#54  
Dibenzofuran  
Concen: 45.963 ng  
RT: 15.90 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.6  | 28.6  | 43.0  |
| 169     | 14.1  | 11.2  | 16.8  |





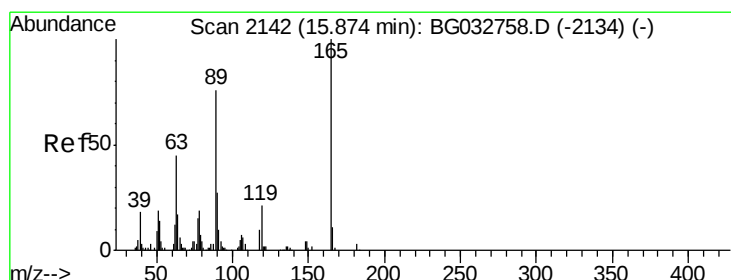
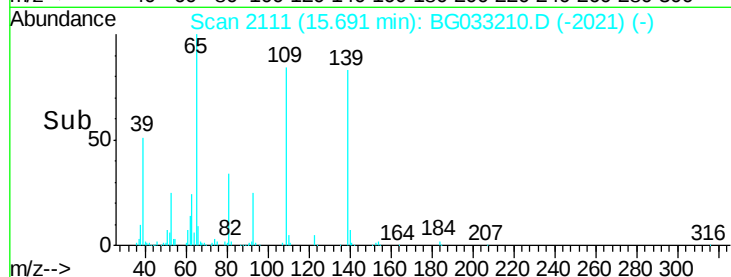
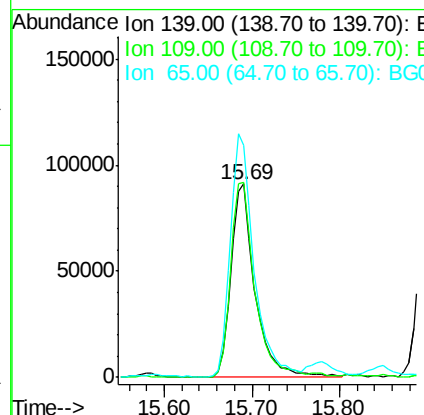
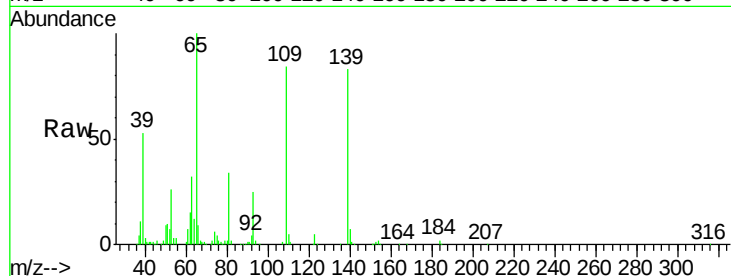
#55  
4-Nitrophenol  
Concen: 94.756 ng  
RT: 15.69 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 171799 |       |       |
| 109     | 100.7 | 62.2   | 102.2 |       |
| 65      | 120.4 | 97.2   | 137.2 |       |

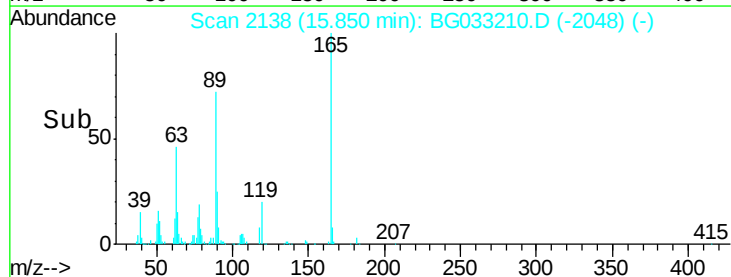
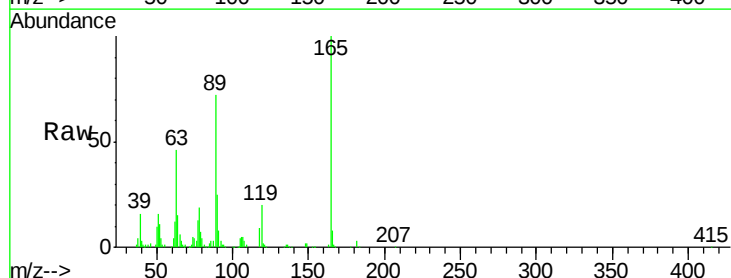
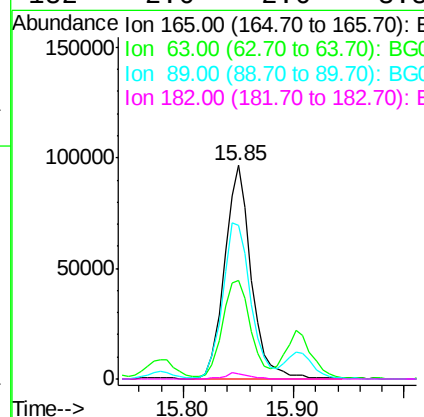
Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#56  
2,4-Dinitrotoluene  
Concen: 68.647 ng  
RT: 15.85 min Scan# 2138  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 162447 |       |       |
| 63      | 46.2  | 42.0   | 63.0  |       |
| 89      | 71.8  | 66.9   | 100.3 |       |
| 182     | 2.6   | 2.6    | 3.8   |       |





#57

Fluorene

Concen: 46.885 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

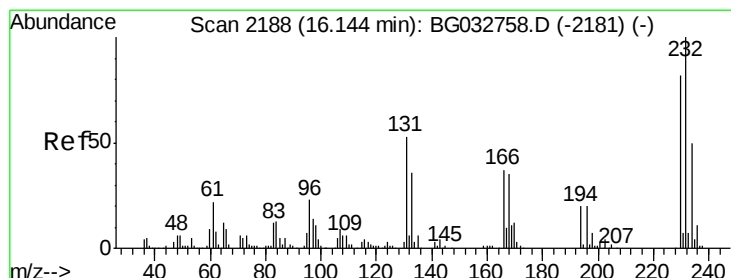
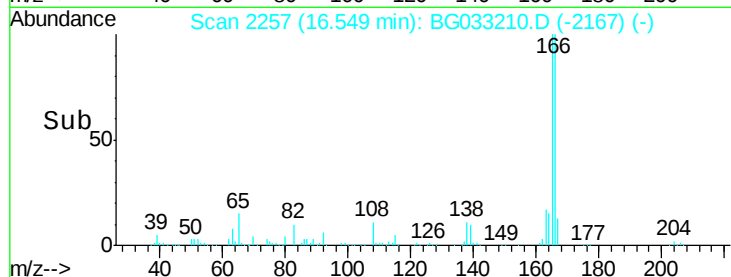
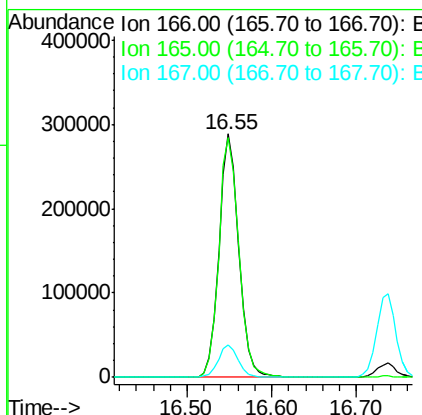
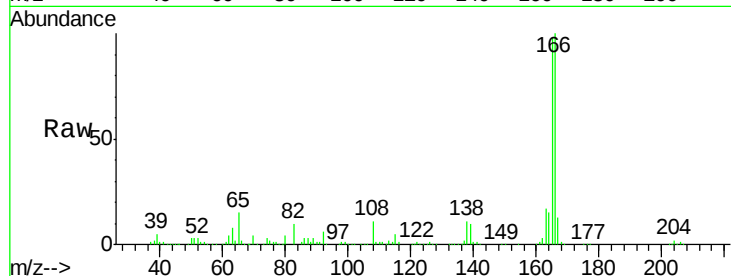
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 471081 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.4  | 80.6  | 121.0  |
| 167       | 13.2  | 10.4  | 15.6   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 74.257 ng

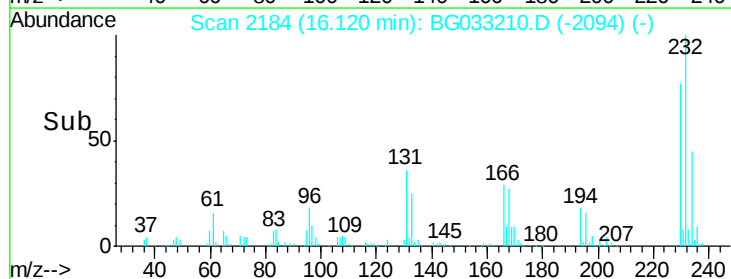
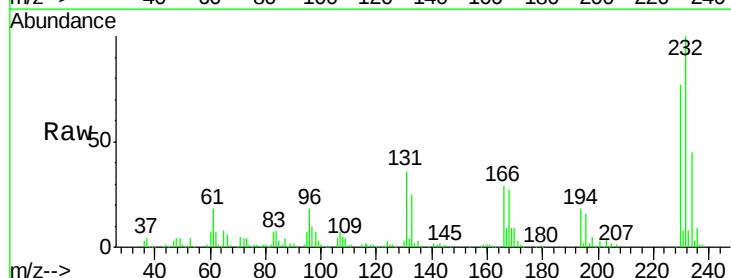
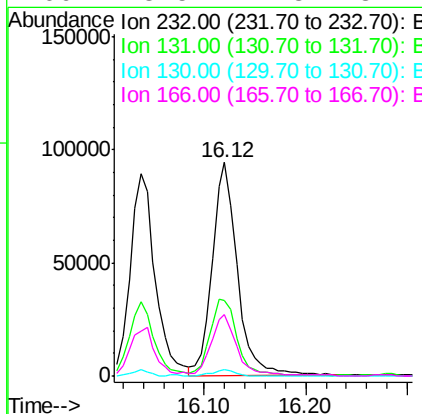
RT: 16.12 min Scan# 2184

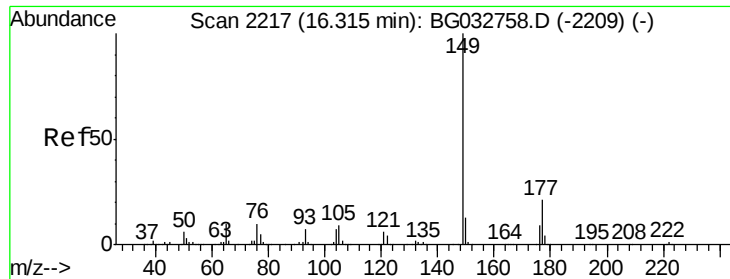
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 160458 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 40.4  | 33.5  | 50.3   |
| 130       | 2.6   | 2.2   | 3.2    |
| 166       | 28.5  | 24.8  | 37.2   |





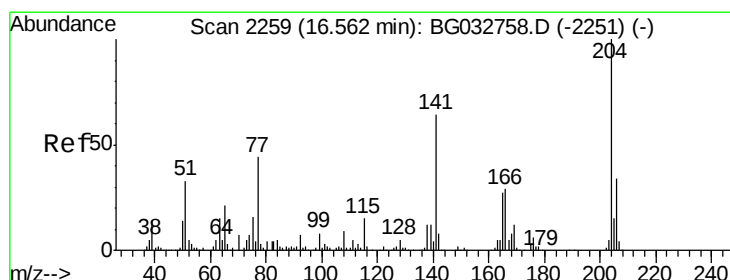
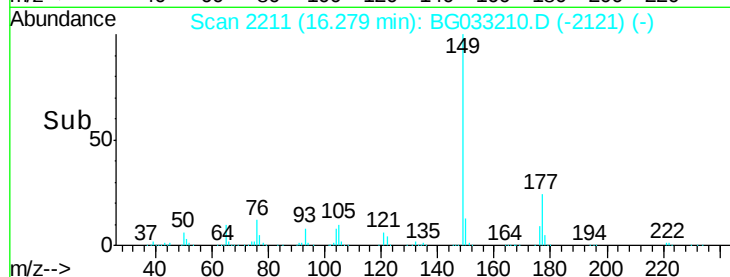
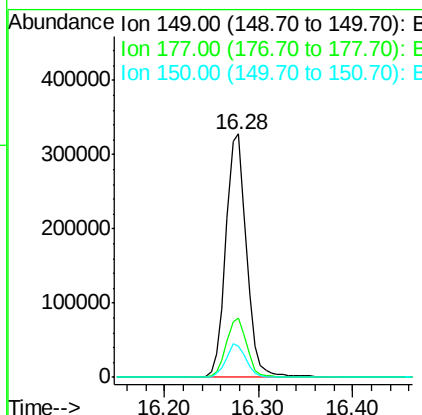
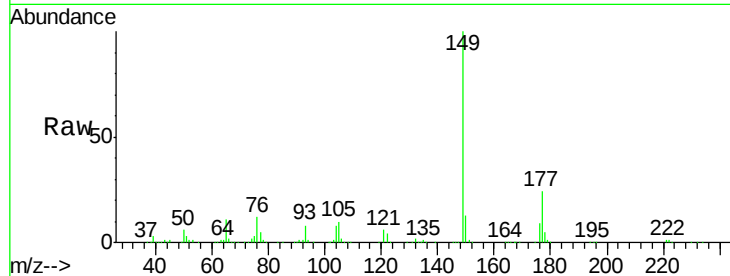
#59  
Diethylphthalate  
Concen: 43.696 ng  
RT: 16.28 min Scan# 2211  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 18.5  | 27.7  |
| 150     | 12.7  | 10.2  | 15.2  |

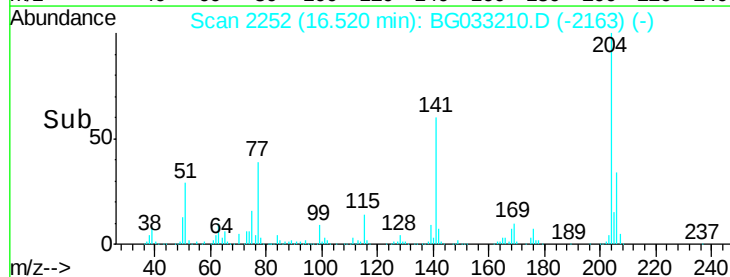
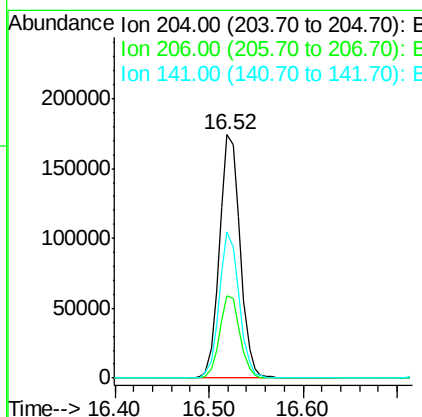
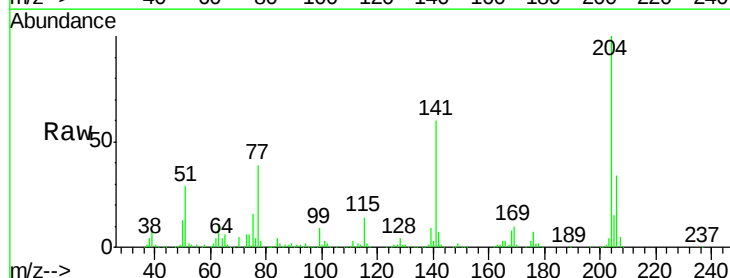
Manual Integrations  
APPROVED

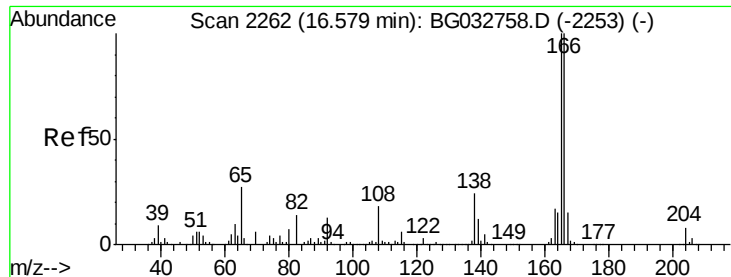
Sohil  
3/19/2018 2:20:36 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 54.399 ng  
RT: 16.52 min Scan# 2252  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 26.2  | 39.2  |
| 141     | 60.1  | 45.8  | 68.6  |





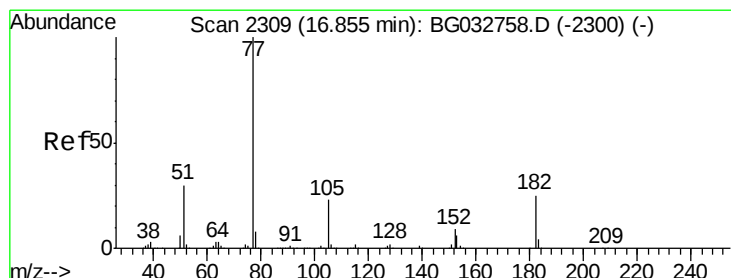
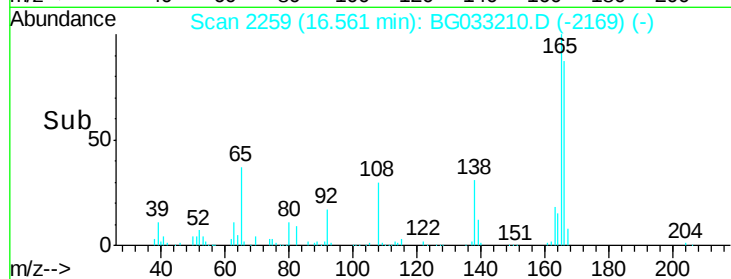
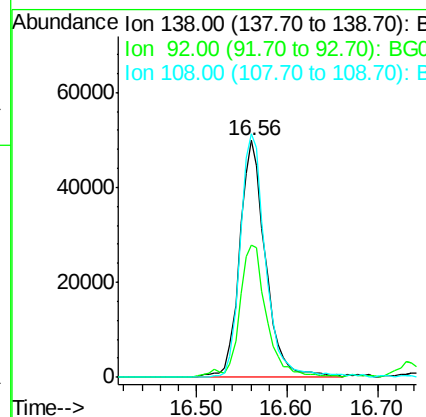
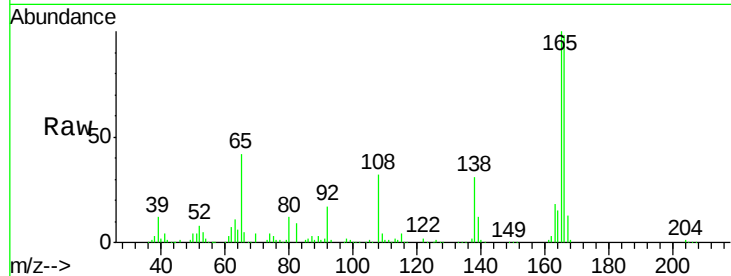
#61  
4-Nitroaniline  
Concen: 42.811 ng  
RT: 16.56 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.1  | 40.1  | 80.1  |
| 108     | 102.8 | 65.4  | 105.4 |

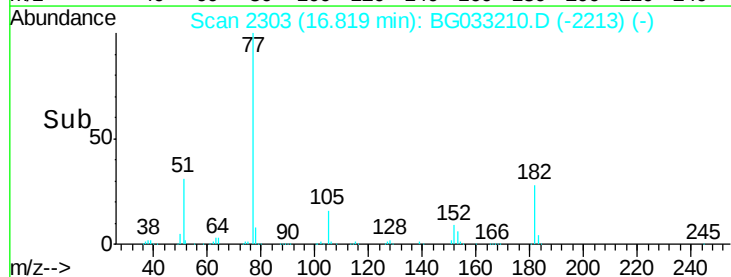
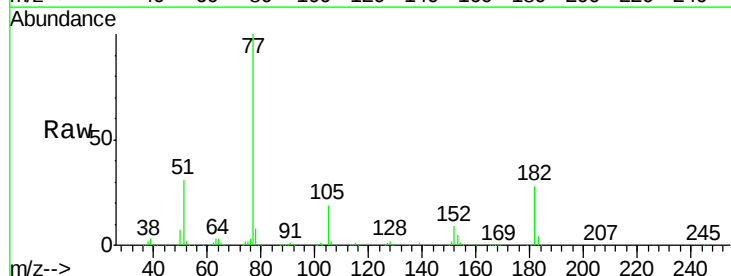
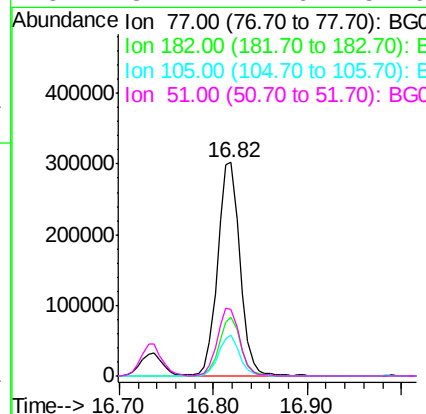
Manual Integrations  
APPROVED

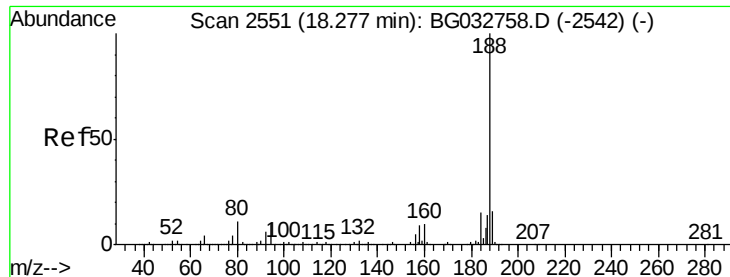
Sohil  
3/19/2018 2:20:36 PM



#62  
Azobenzene  
Concen: 48.906 ng  
RT: 16.82 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.7  | 7.4   | 47.4  |
| 105     | 19.2  | 0.3   | 40.3  |
| 51      | 31.2  | 11.6  | 51.6  |





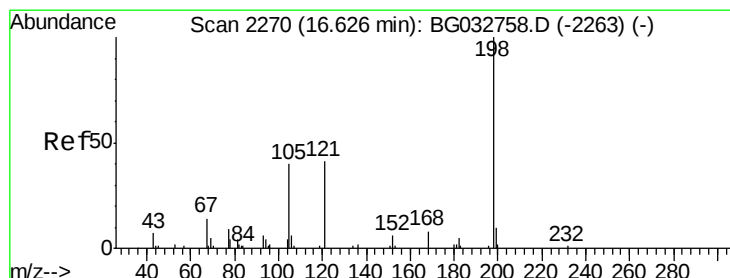
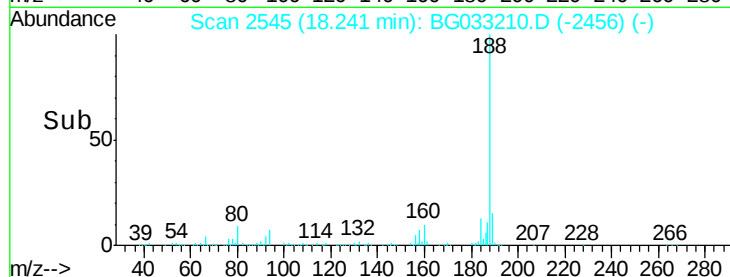
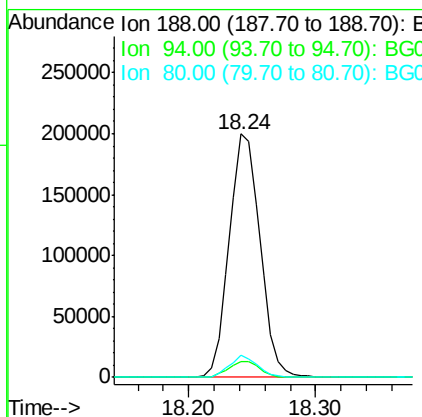
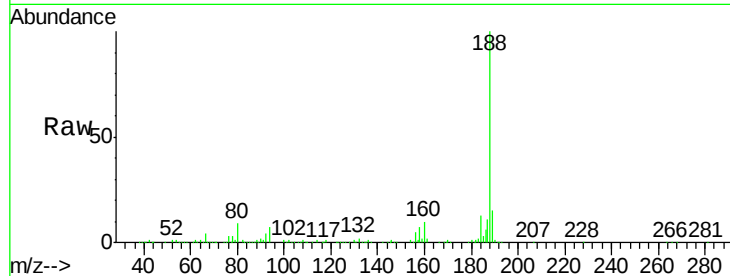
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.24 min Scan# 2545  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 6.6   | 6.9        | 10.3# |
| 80      | 9.0   | 7.7        | 11.5  |

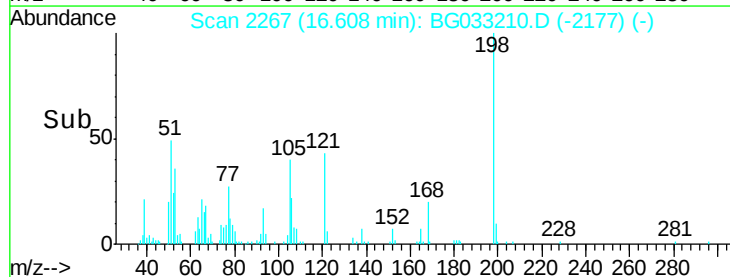
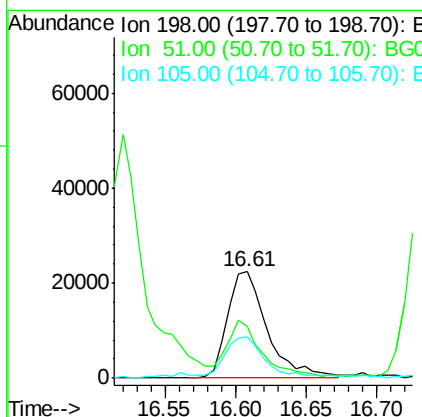
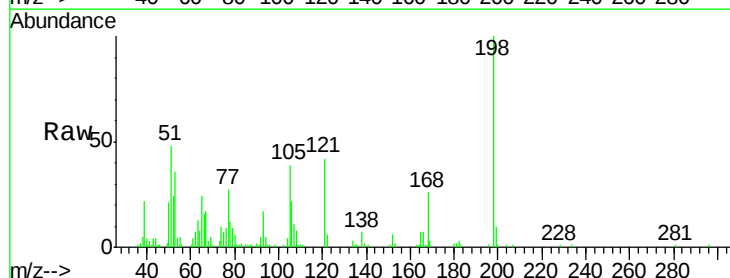
Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.841 ng  
RT: 16.61 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 48.3  | 30.6       | 70.6  |
| 105     | 39.4  | 23.8       | 63.8  |





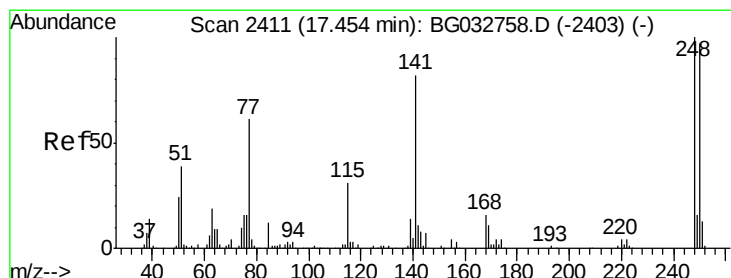
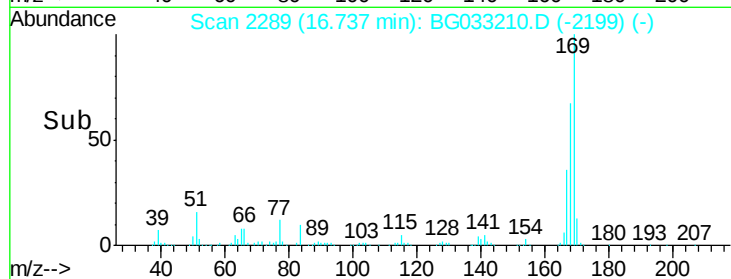
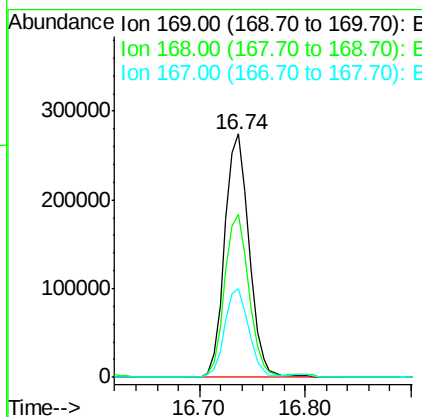
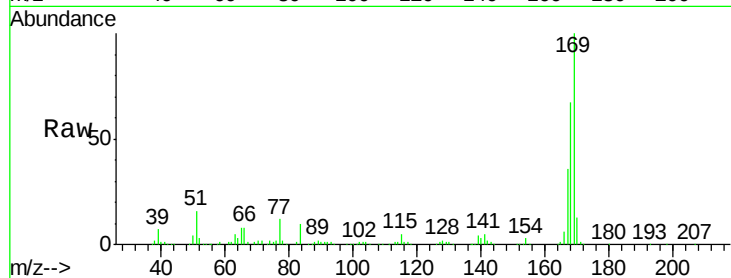
#65  
n-Nitrosodiphenylamine  
Concen: 40.240 ng  
RT: 16.74 min Scan# 2289  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 55.7  | 83.5  |
| 167     | 36.4  | 30.1  | 45.1  |

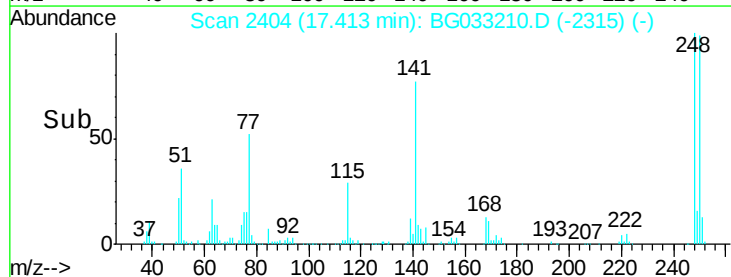
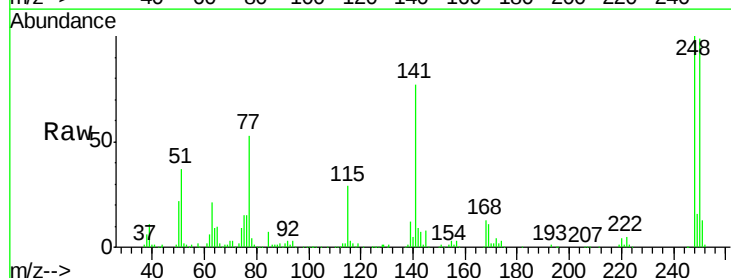
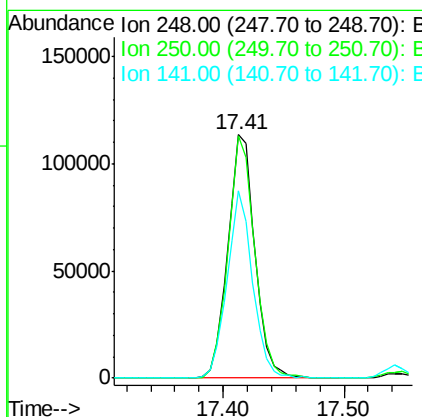
Manual Integrations  
APPROVED

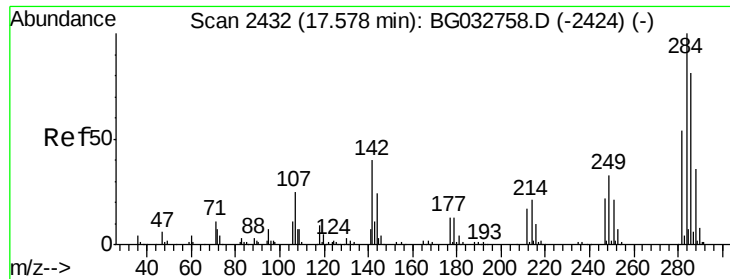
Sohil  
3/19/2018 2:20:36 PM



#66  
4-Bromophenyl-phenylether  
Concen: 49.758 ng  
RT: 17.41 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.5  | 77.1  | 115.7 |
| 141     | 76.8  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 47.198 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

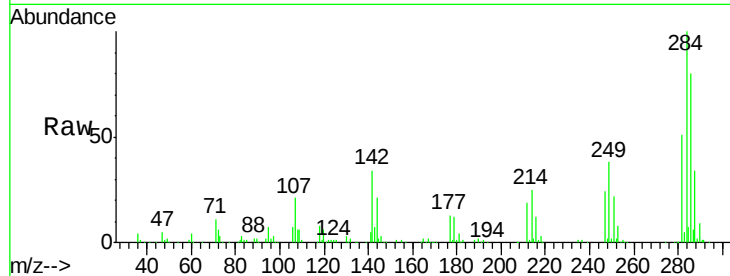
ClientSampleId :

PB107389BS

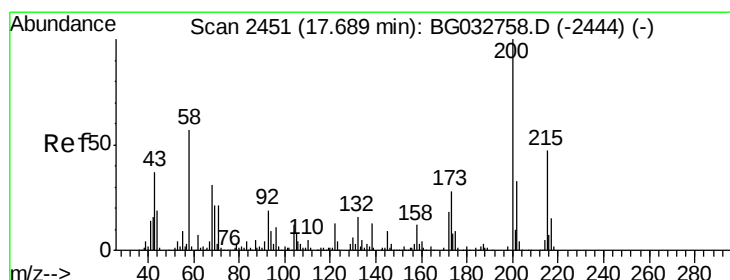
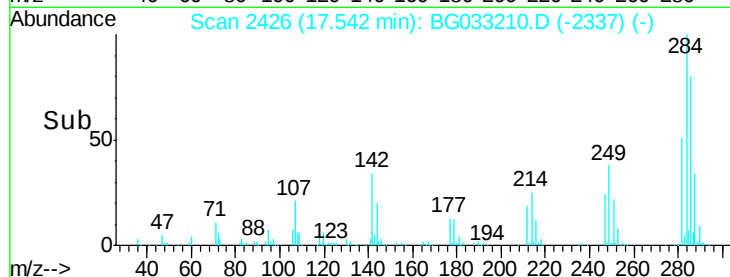
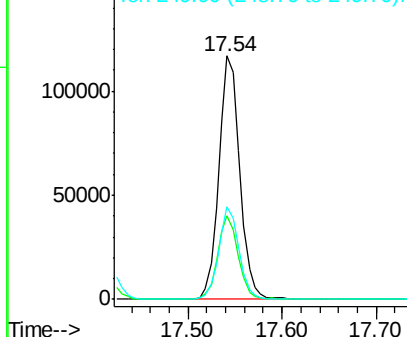
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 181208 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 34.4  | 26.8  | 40.2   |
| 249       | 40.3  | 26.3  | 39.5#  |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 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: 50.282 ng

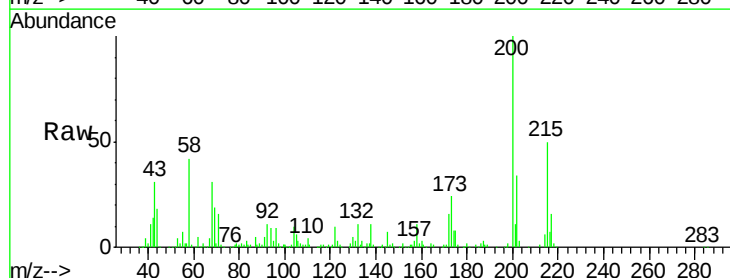
RT: 17.65 min Scan# 2445

Delta R.T. -0.01 min

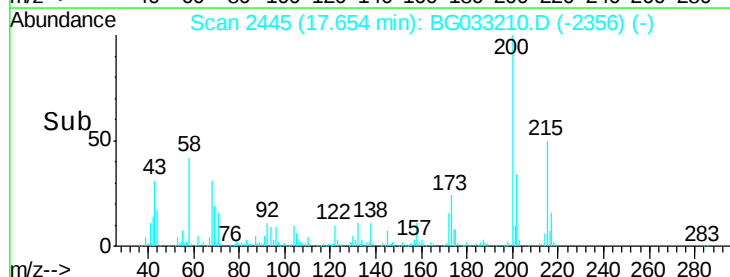
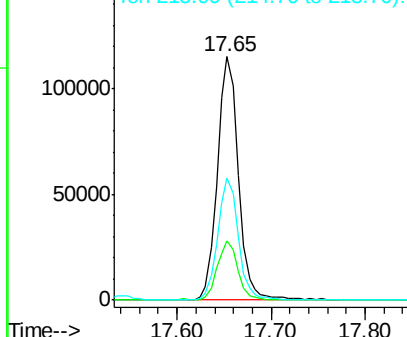
Lab File: BG033210.D

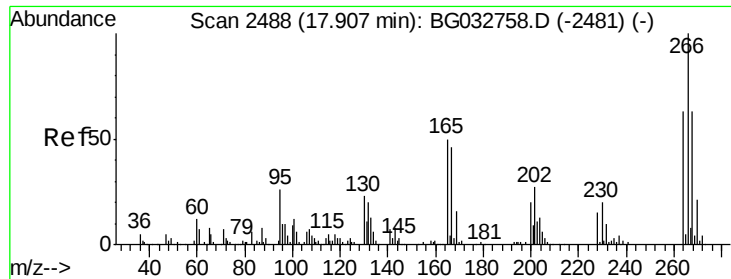
Acq: 16 Mar 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 180908 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.1  | 5.2   | 45.2   |
| 215       | 49.9  | 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





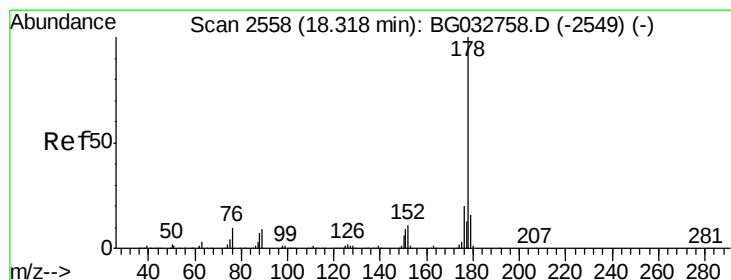
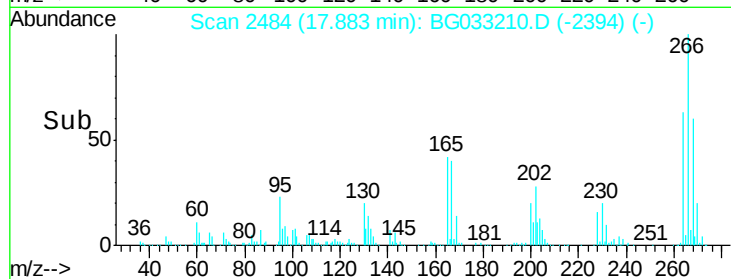
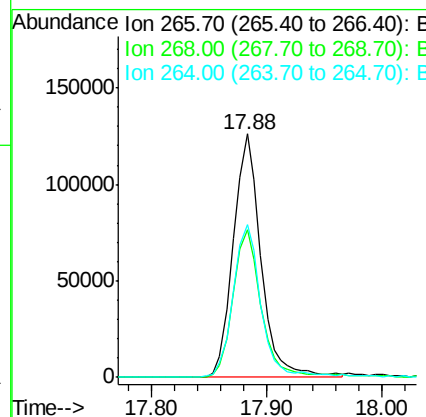
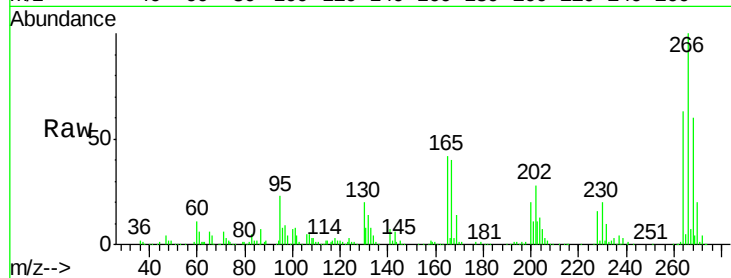
#69  
 Pentachlorophenol  
 Concen: 86.765 ng  
 RT: 17.88 min Scan# 2484  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 60.4  | 51.1  | 76.7  |
| 264     | 62.8  | 49.6  | 74.4  |

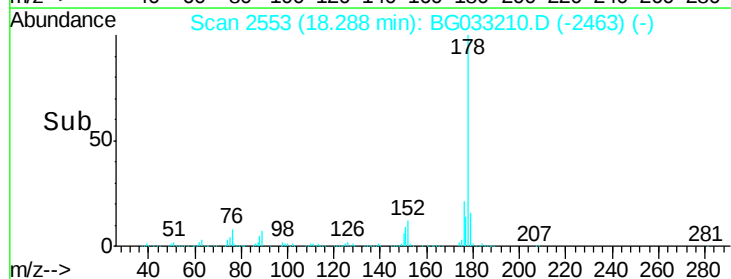
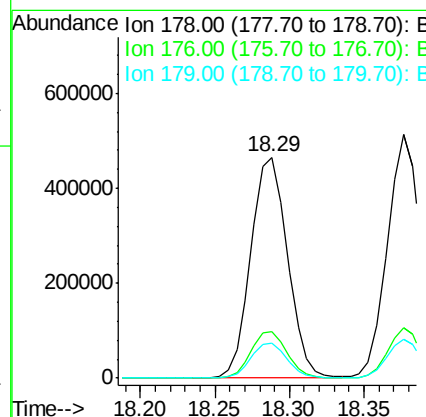
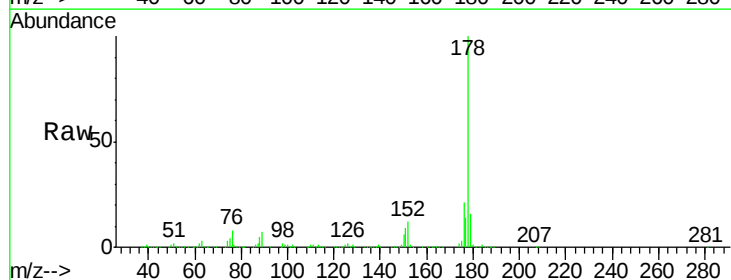
Manual Integrations  
 APPROVED

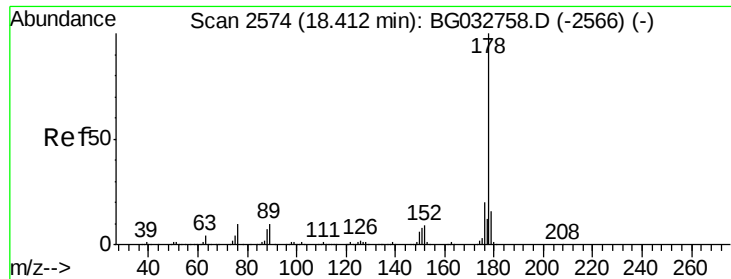
Sohil  
 3/19/2018 2:20:36 PM



#70  
 Phenanthrene  
 Concen: 42.254 ng  
 RT: 18.29 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 15.7  | 23.5  |
| 179     | 15.9  | 12.5  | 18.7  |





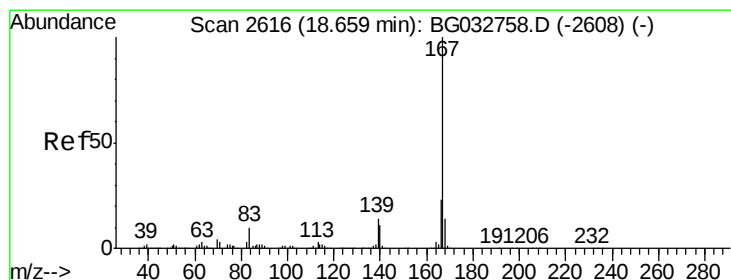
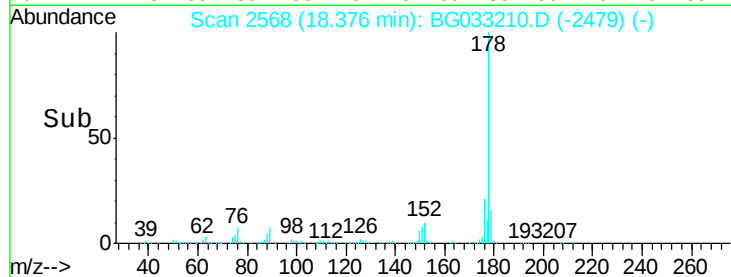
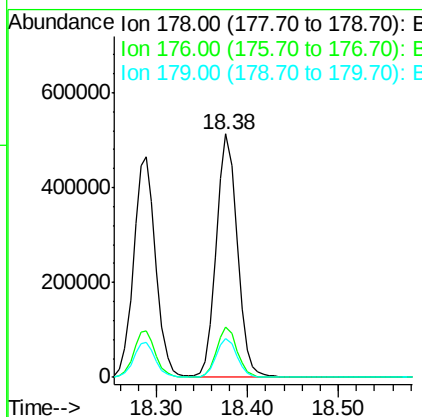
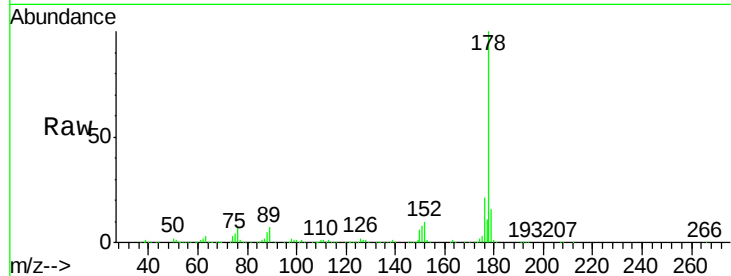
#71  
 Anthracene  
 Concen: 43.652 ng  
 RT: 18.38 min Scan# 2568  
 Delta R.T. -0.01 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 16.0  | 24.0  |
| 179     | 16.1  | 12.5  | 18.7  |

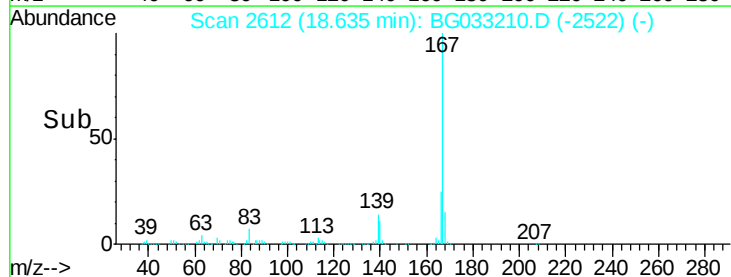
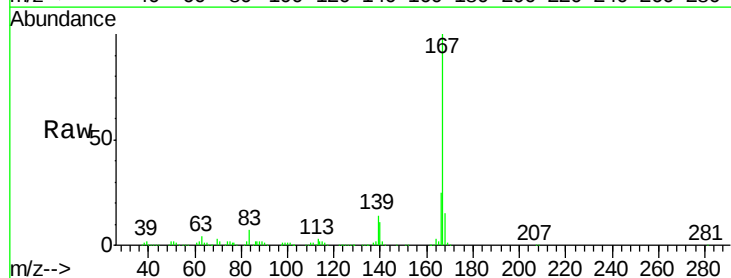
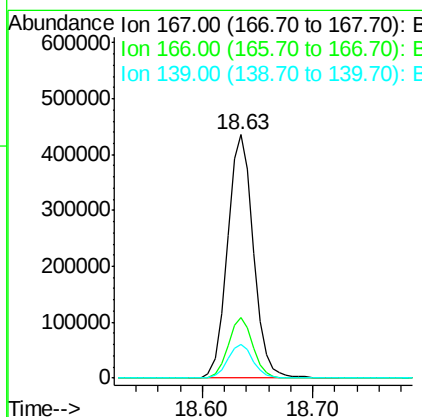
Manual Integrations  
 APPROVED

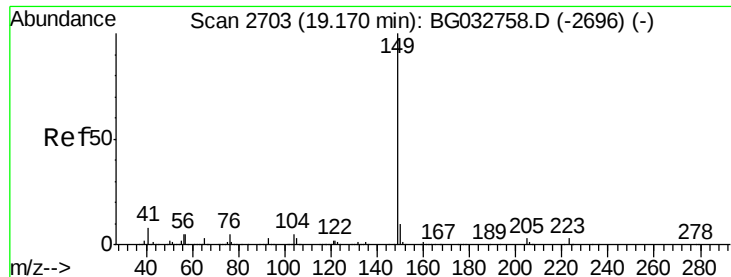
Sohil  
 3/19/2018 2:20:36 PM



#72  
 Carbazole  
 Concen: 38.560 ng  
 RT: 18.63 min Scan# 2612  
 Delta R.T. -0.00 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.8  | 18.2  | 27.4  |
| 139     | 13.9  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 36.671 ng

RT: 19.13 min Scan# 2696

Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

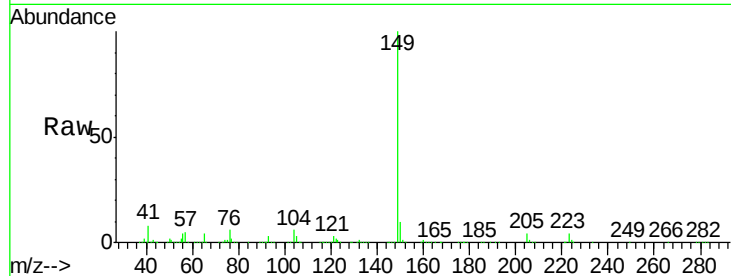
ClientSampleId :

PB107389BS

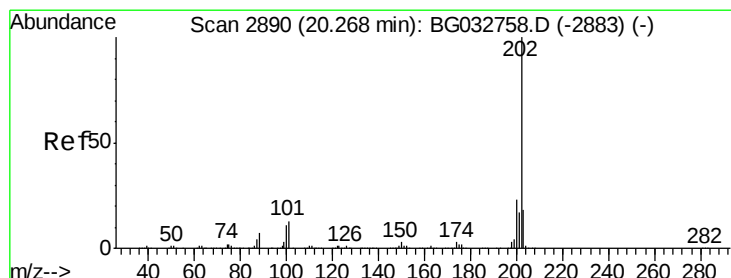
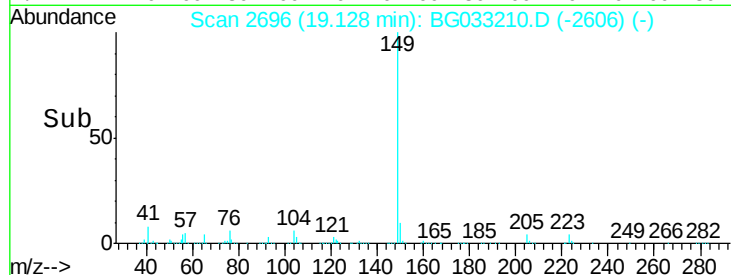
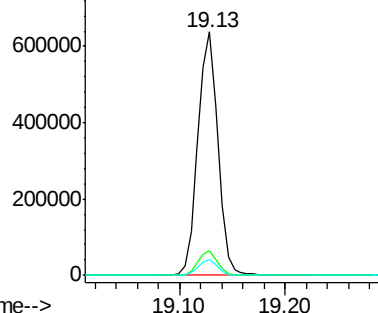
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 834492 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.9   | 7.8   | 11.6   |
| 104       | 6.4   | 3.9   | 5.9    |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.857 ng

RT: 20.24 min Scan# 2885

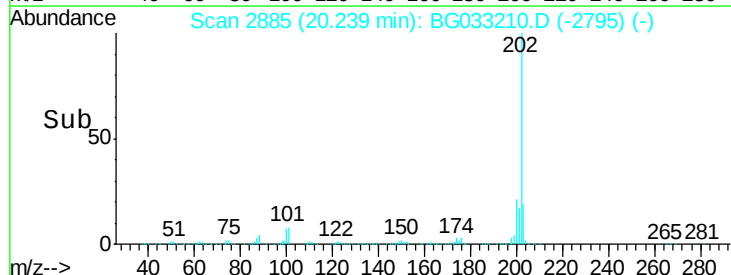
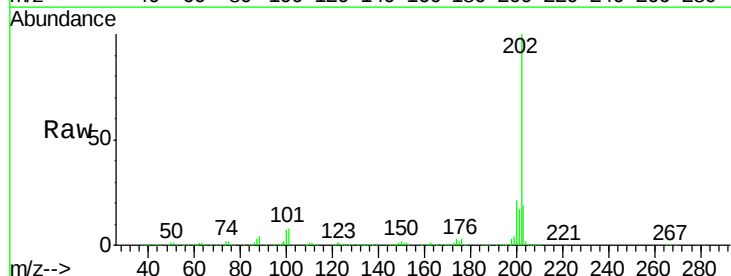
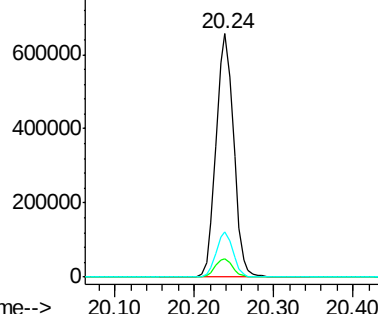
Delta R.T. -0.00 min

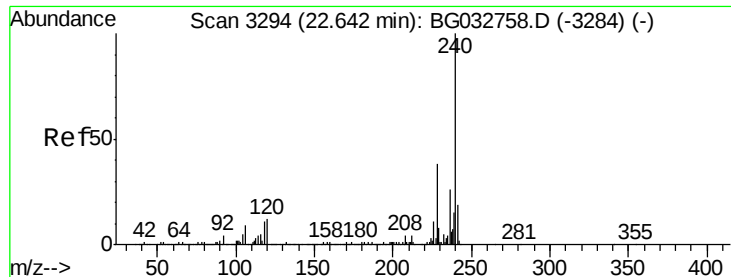
Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1011649 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 7.7   | 0.0   | 28.9    |
| 203       | 18.8  | 0.0   | 37.5    |

Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

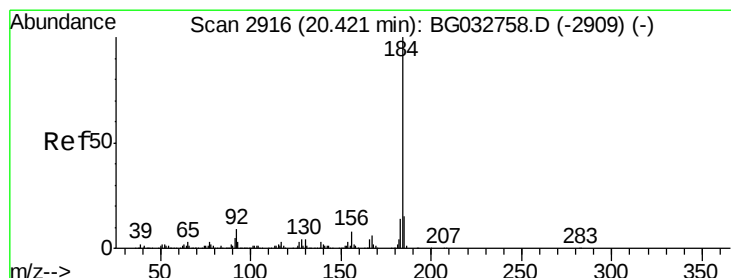
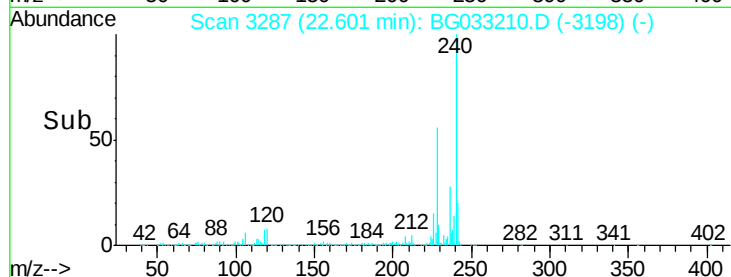
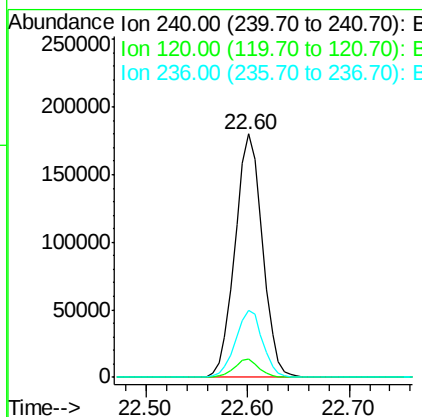
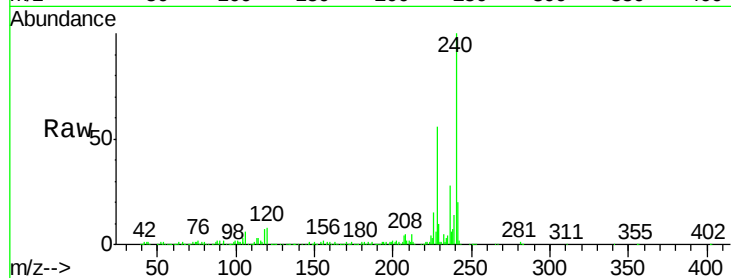
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 338006 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.5   | 6.8   | 10.2   |
| 236       | 27.8  | 20.9  | 31.3   |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#76

Benzidine

Concen: 18.675 ng

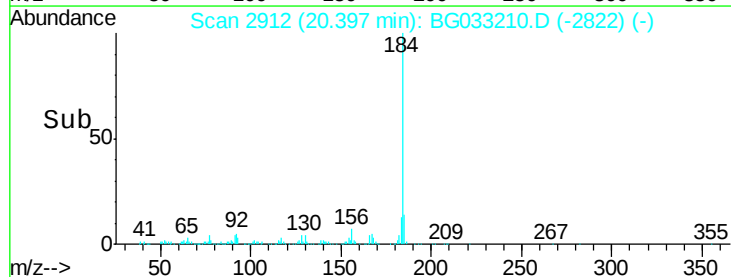
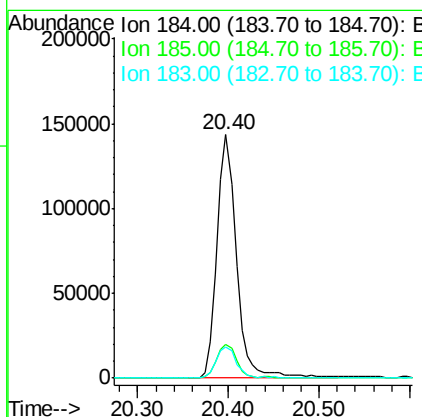
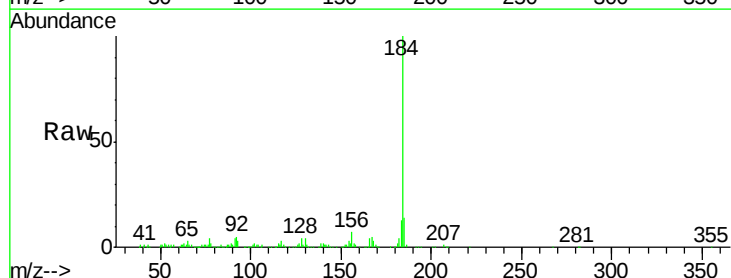
RT: 20.40 min Scan# 2912

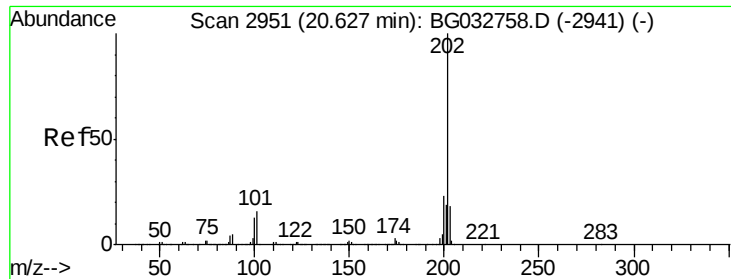
Delta R.T. -0.00 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 215166 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.0  | 11.1  | 16.7   |
| 183       | 12.9  | 10.6  | 16.0   |





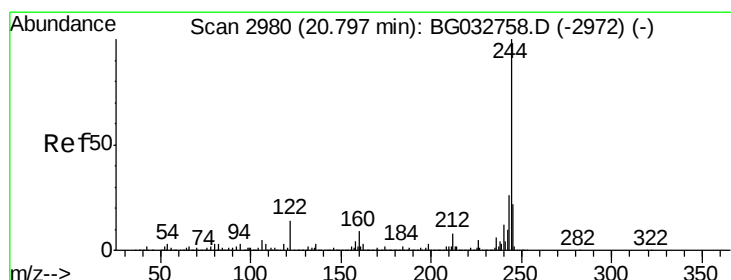
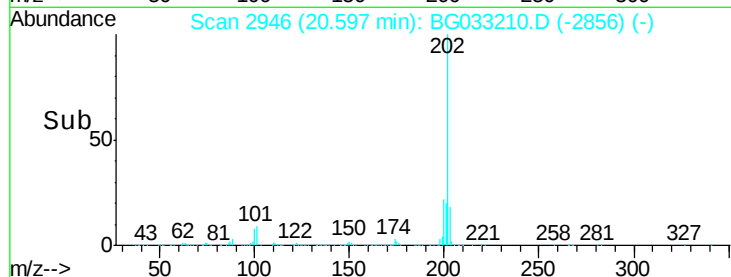
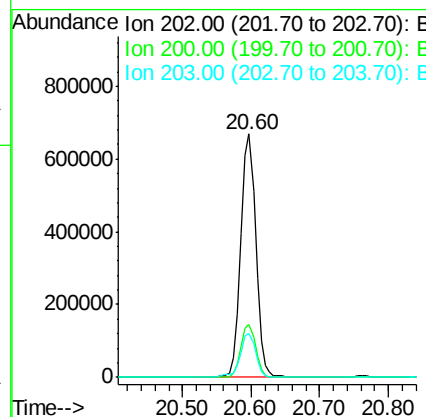
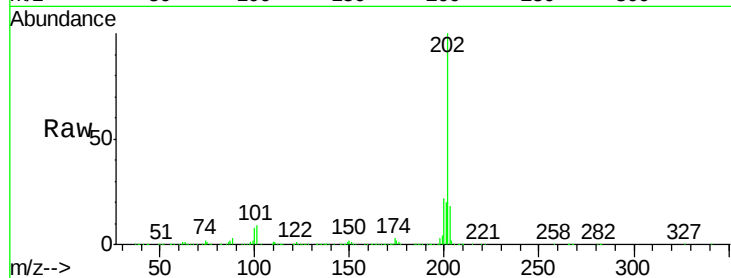
#77  
Pvrene  
Concen: 42.716 ng  
RT: 20.60 min Scan# 2946  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 16.9  | 25.3  |
| 203     | 17.9  | 13.9  | 20.9  |

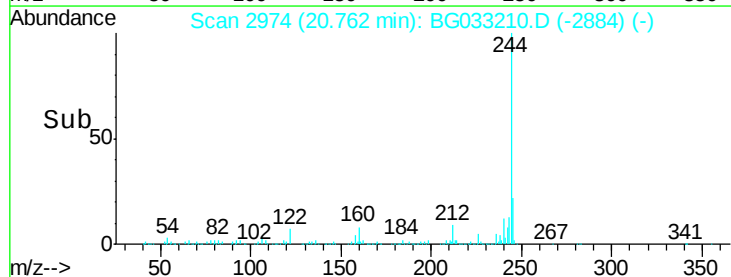
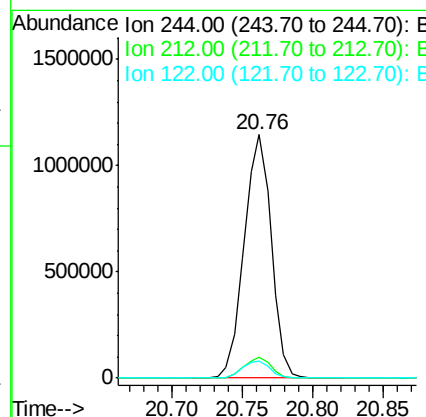
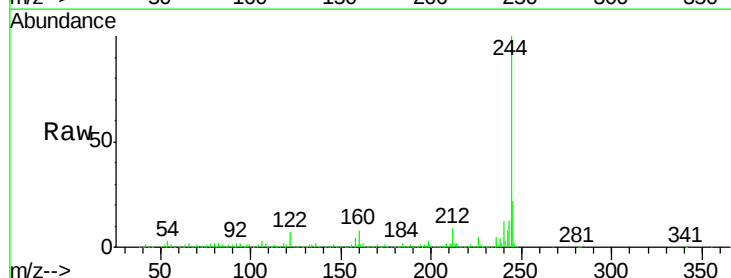
Manual Integrations  
APPROVED

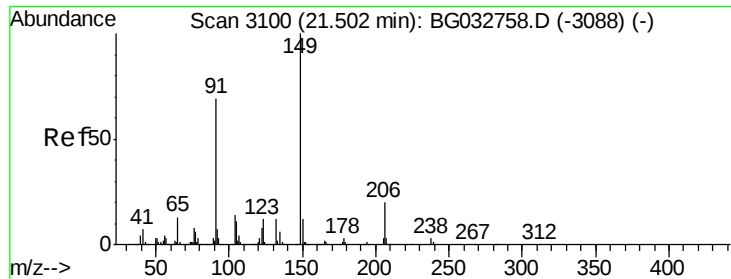
Sohil  
3/19/2018 2:20:36 PM



#78  
Terphenyl-d14  
Concen: 102.171 ng  
RT: 20.76 min Scan# 2974  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.6   | 5.8   | 8.8   |
| 122     | 7.0   | 7.0   | 10.4  |





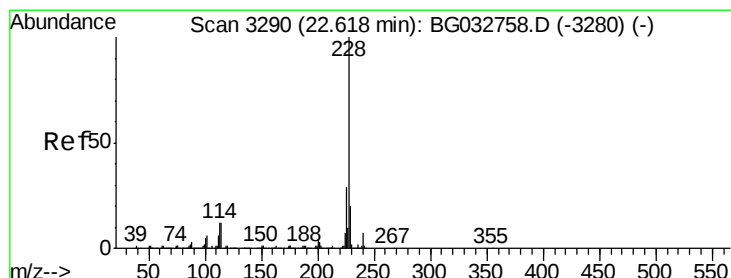
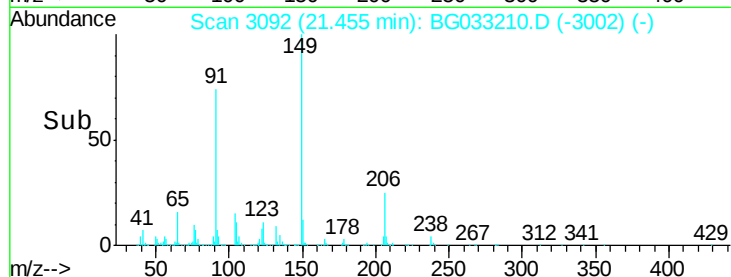
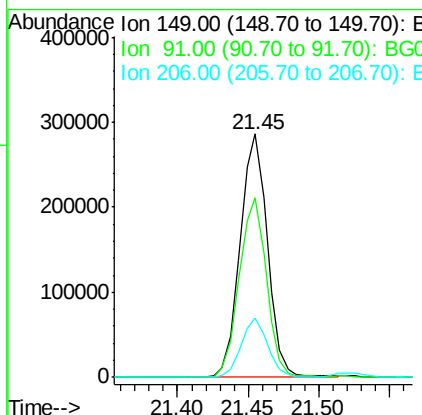
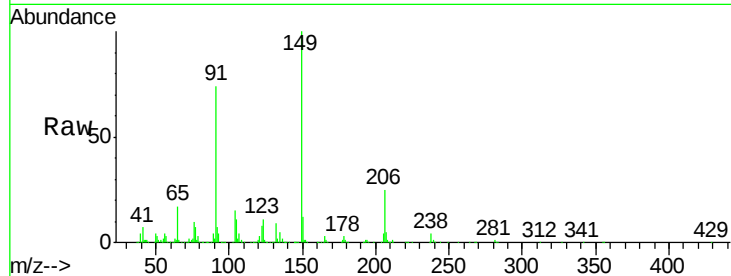
#79  
Butylbenzylphthalate  
Concen: 36.631 ng  
RT: 21.45 min Scan# 3092  
Delta R.T. -0.00 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 387120 |       |       |
| 91      | 74.0  | 62.2   | 93.2  |       |
| 206     | 24.5  | 18.6   | 27.8  |       |

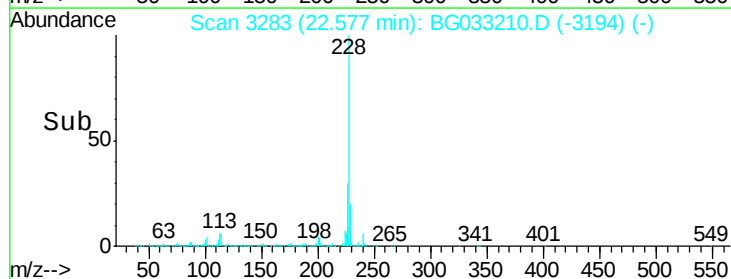
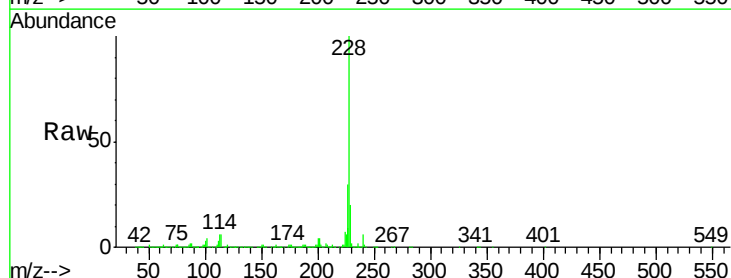
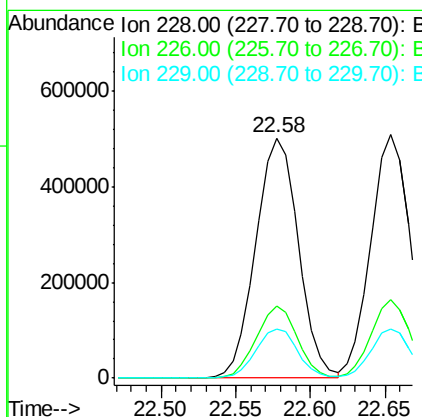
Manual Integrations  
APPROVED

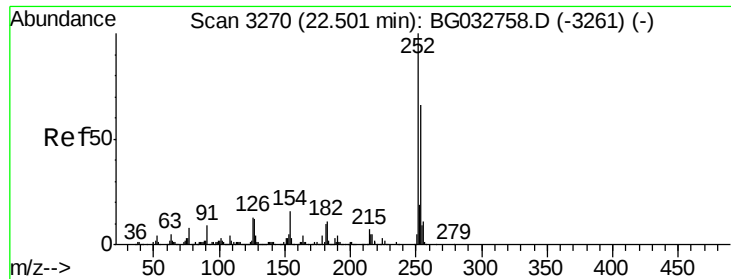
Sohil  
3/19/2018 2:20:36 PM



#80  
Benzo(a)anthracene  
Concen: 45.903 ng  
RT: 22.58 min Scan# 3283  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 994925 |       |       |
| 226     | 29.9  | 22.7   | 34.1  |       |
| 229     | 20.5  | 16.2   | 24.2  |       |





#81

3,3'-Dichlorobenzidine

Concen: 22.480 ng

RT: 22.46 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

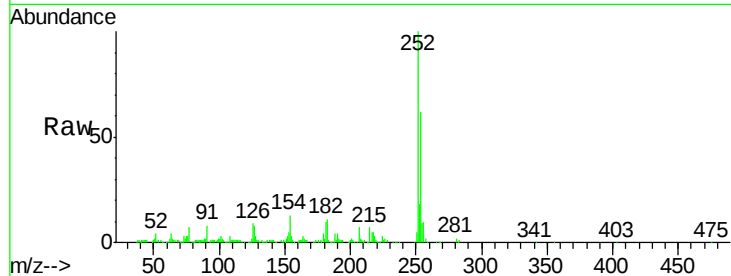
ClientSampleId :

PB107389BS

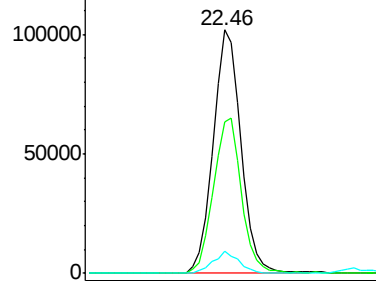
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 180461 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 62.5  | 50.8  | 76.2   |
| 126       | 9.0   | 7.4   | 11.2   |

Manual Integrations  
APPROVED

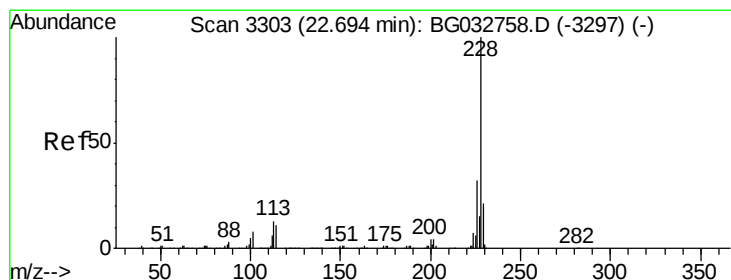
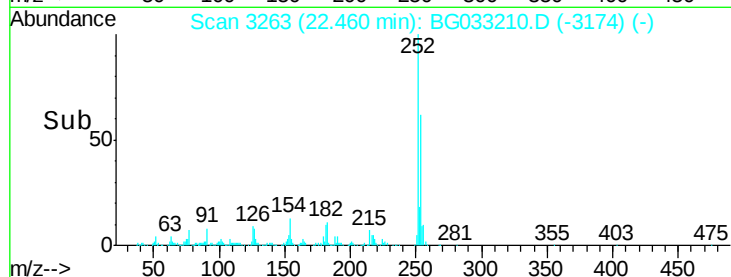
Sohil  
3/19/2018 2:20:36 PM



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



Time-->



#82

Chrysene

Concen: 45.148 ng

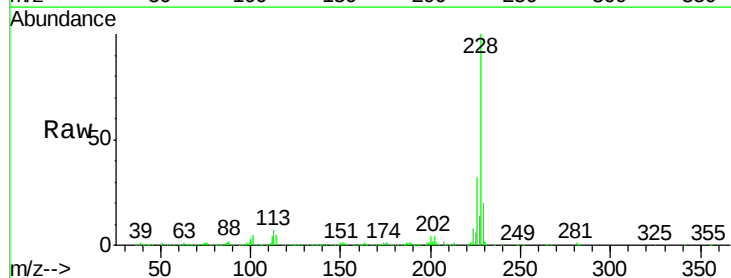
RT: 22.65 min Scan# 3296

Delta R.T. -0.01 min

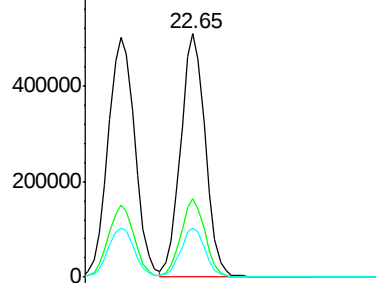
Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

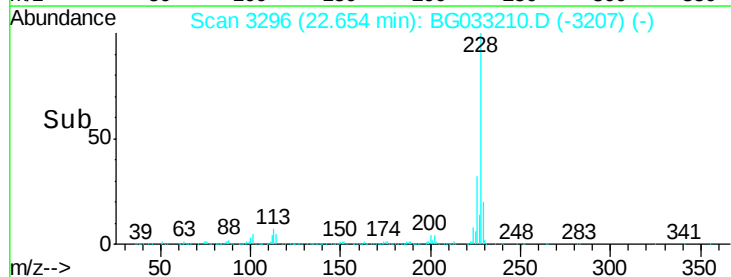
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 934778 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.5  | 24.9  | 37.3   |
| 229       | 20.0  | 15.0  | 22.4   |

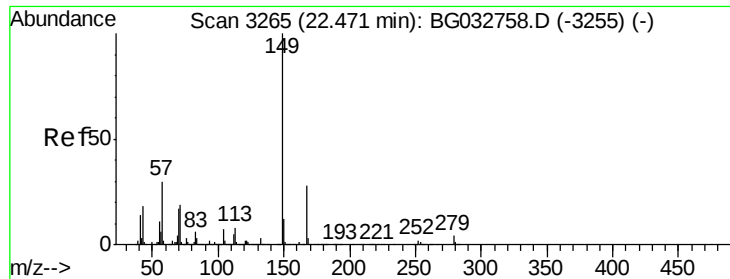


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.134 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

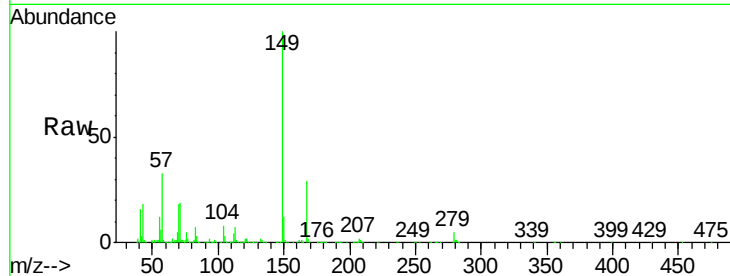
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 518324 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 29.0  | 24.3  | 36.5   |
| 279       | 5.5   | 4.0   | 6.0    |

Manual Integrations  
APPROVED

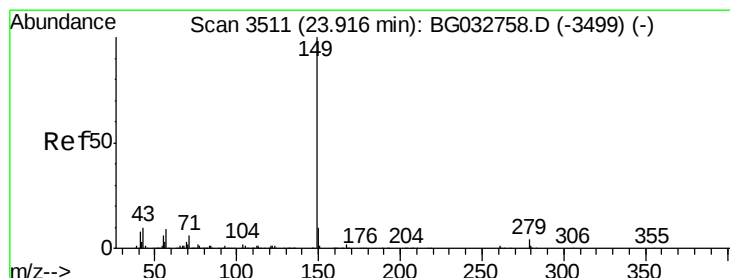
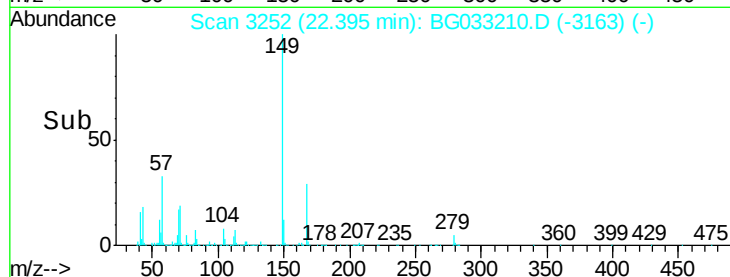
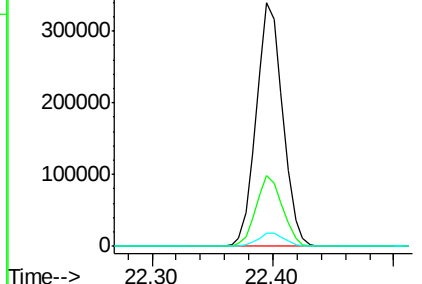
Sohil  
3/19/2018 2:20:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.844 ng

RT: 23.81 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BG033210.D

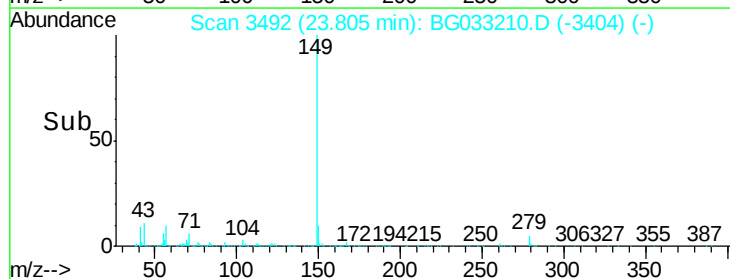
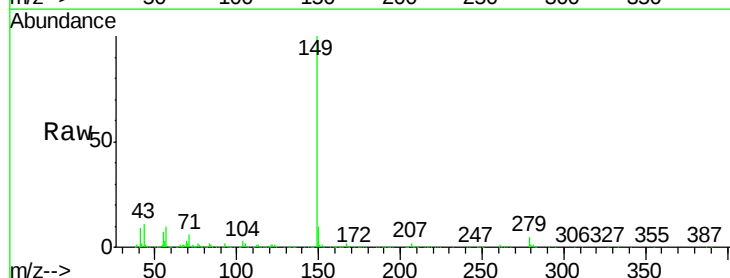
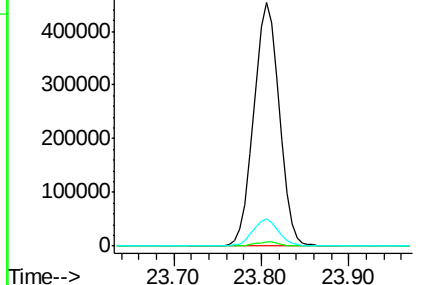
Acq: 16 Mar 2018 21:47

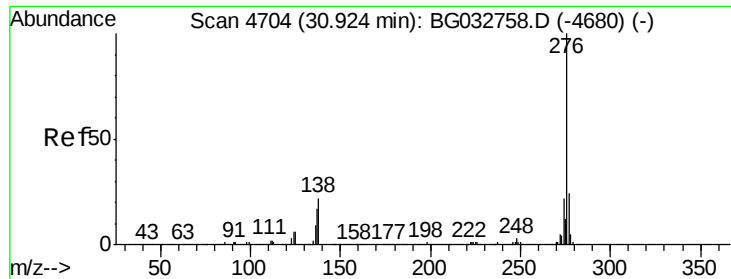
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 902369 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 10.6  | 8.9   | 13.3   |

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





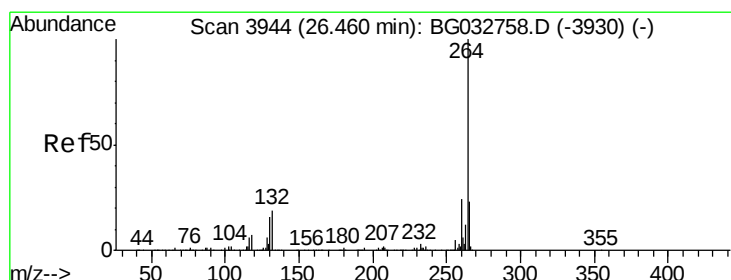
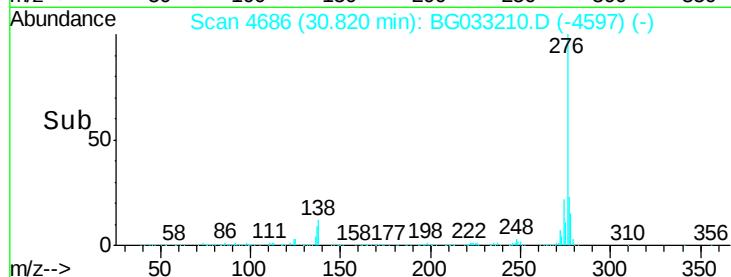
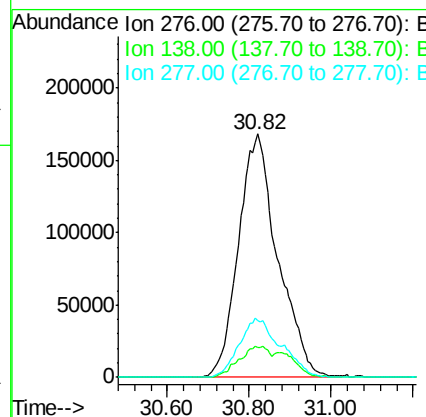
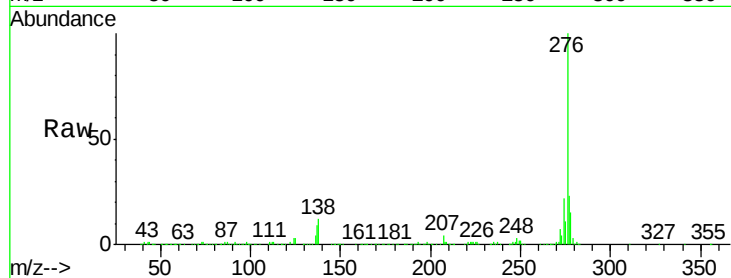
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 46.334 ng  
RT: 30.82 min Scan# 4686  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB107389BS

Tot Ion:276 Resp: 1118797  
Ion Ratio Lower Upper  
276 100  
138 9.9 16.0 24.0#  
277 25.4 20.0 30.0

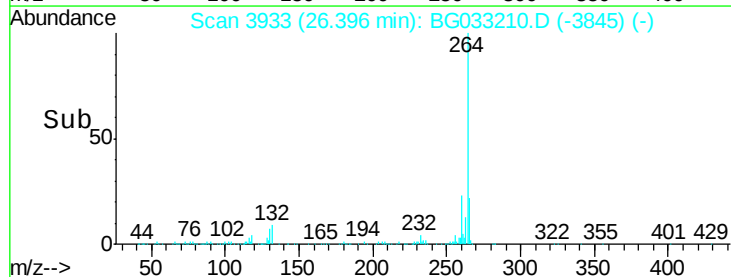
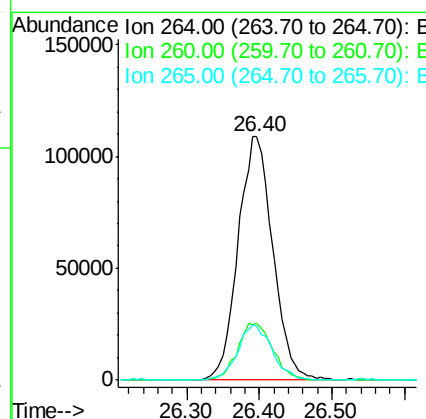
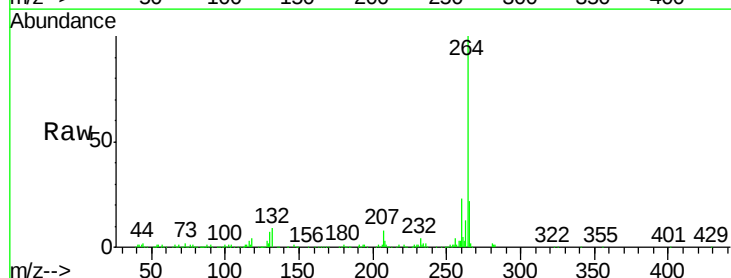
Manual Integrations  
APPROVED

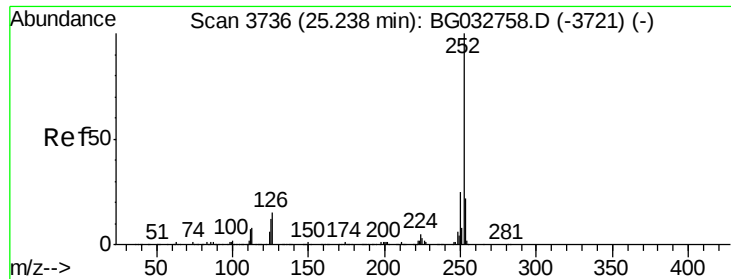
Sohil  
3/19/2018 2:20:36 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.40 min Scan# 3933  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Tgt Ion:264 Resp: 361554  
Ion Ratio Lower Upper  
264 100  
260 23.4 17.4 26.0  
265 22.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 45.982 ng

RT: 25.18 min Scan# 3726

Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

Instrument :

BNA\_G

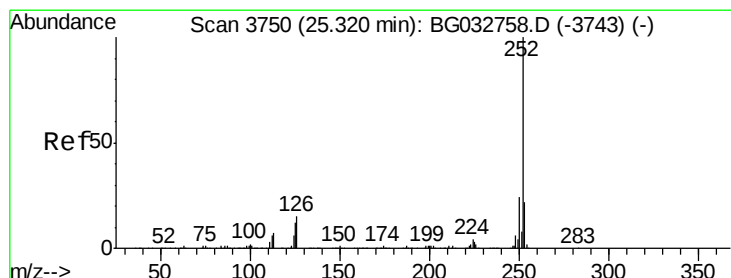
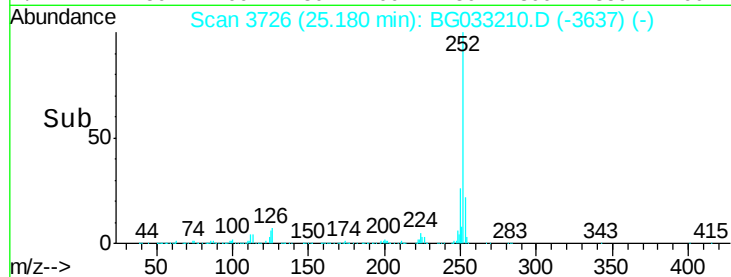
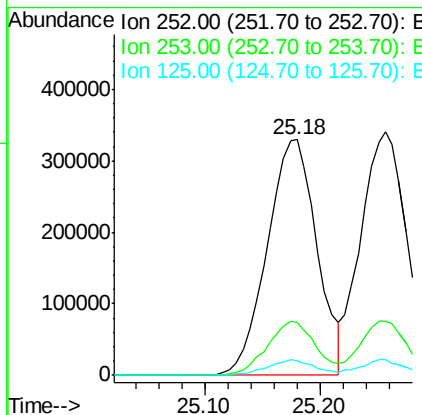
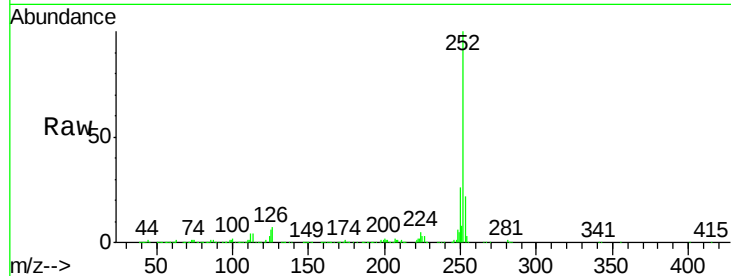
ClientSampleId :

PB107389BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 982974 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 18.2  | 27.4   |
| 125       | 6.0   | 7.2   | 10.8#  |

Manual Integrations  
APPROVED

Sohil  
3/19/2018 2:20:36 PM



#88

Benzo(k)fluoranthene

Concen: 44.752 ng

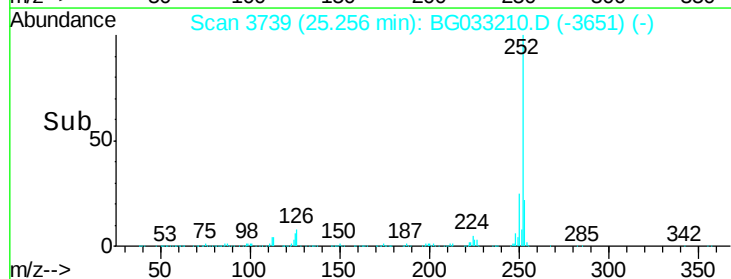
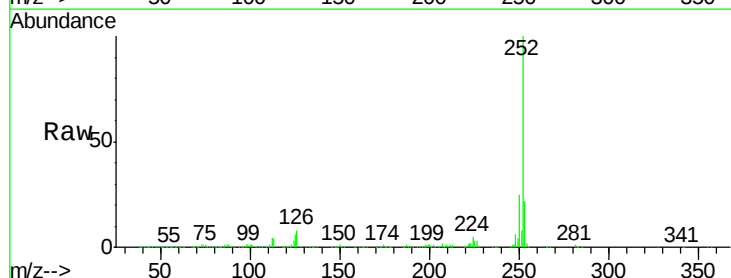
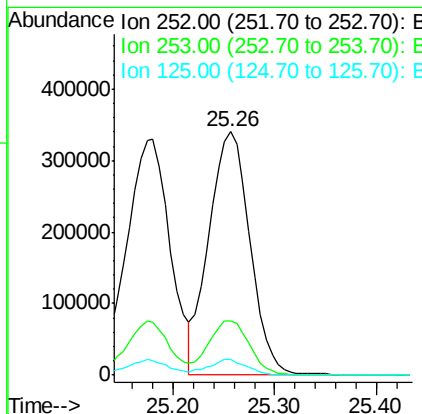
RT: 25.26 min Scan# 3739

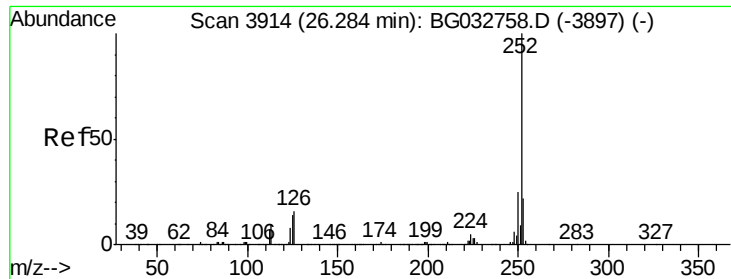
Delta R.T. -0.01 min

Lab File: BG033210.D

Acq: 16 Mar 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 950794 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.4  | 26.2   |
| 125       | 6.4   | 6.6   | 9.8#   |





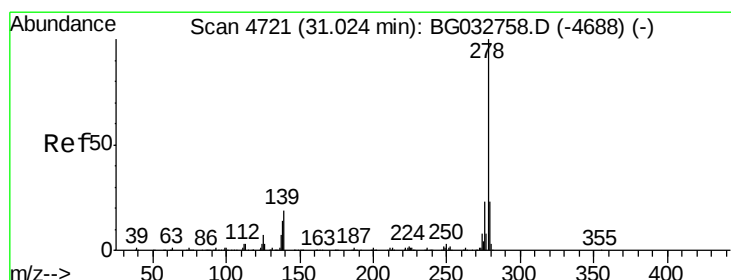
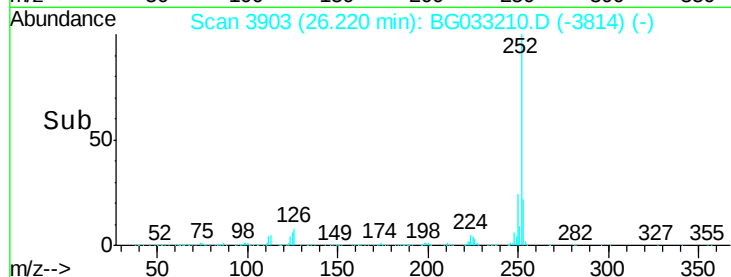
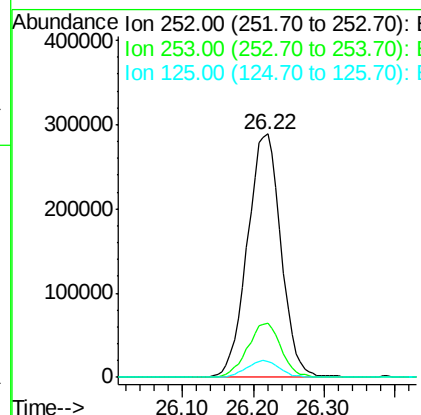
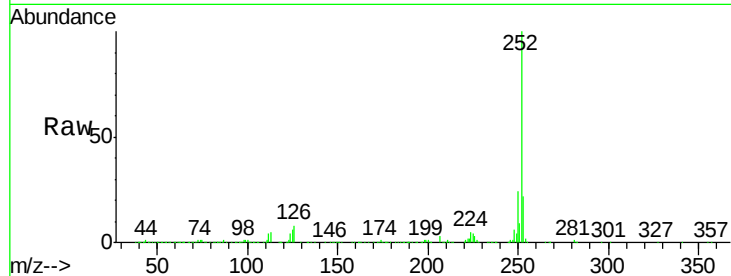
#89  
Benzo(a)pyrene  
Concen: 47.068 ng  
RT: 26.22 min Scan# 3903  
Delta R.T. -0.01 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

Instrument :  
BNA\_G  
Client Sampled :  
PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.3  | 27.5  |
| 125     | 6.3   | 7.3   | 10.9  |

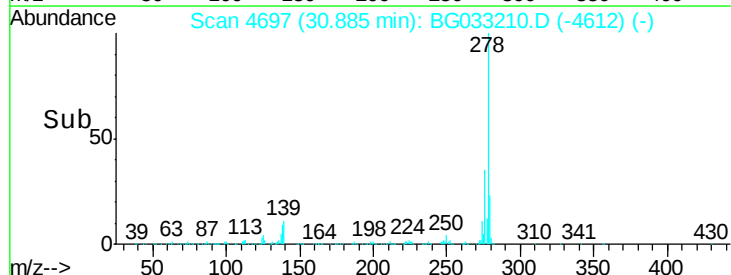
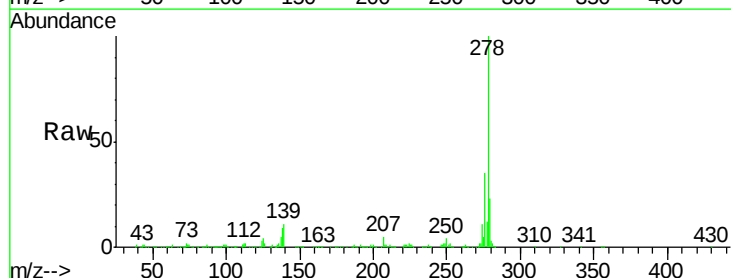
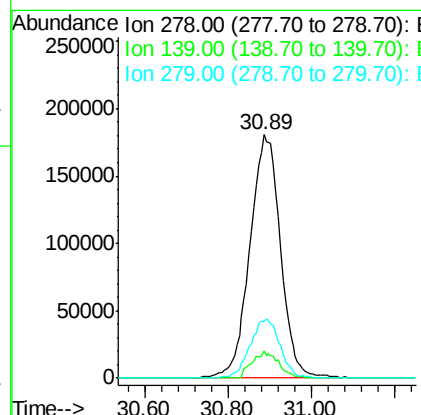
Manual Integrations  
APPROVED

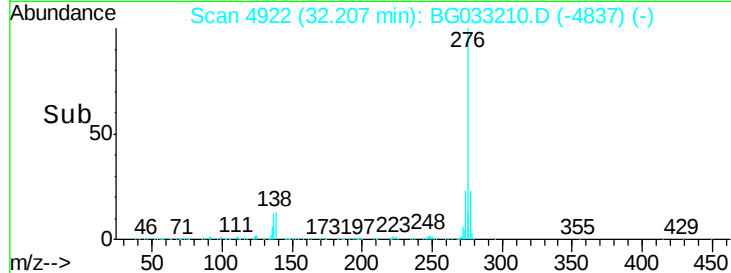
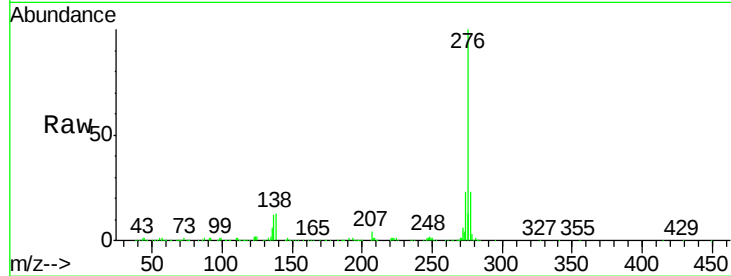
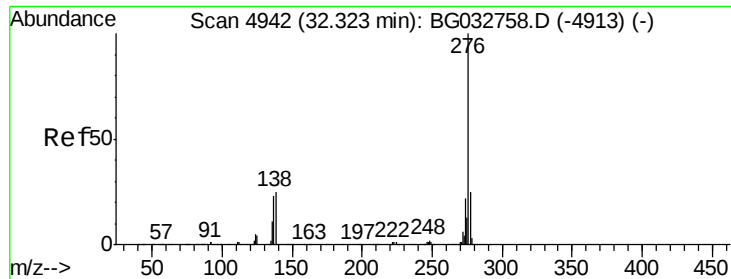
Sohil  
3/19/2018 2:20:36 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 45.183 ng  
RT: 30.89 min Scan# 4697  
Delta R.T. -0.03 min  
Lab File: BG033210.D  
Acq: 16 Mar 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.0  | 9.8   | 14.6  |
| 279     | 23.2  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.029 ng  
 RT: 32.21 min Scan# 4922  
 Delta R.T. -0.03 min  
 Lab File: BG033210.D  
 Acq: 16 Mar 2018 21:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB107389BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 18.3  | 27.5  |
| 138     | 13.5  | 13.9  | 20.9  |

Manual Integrations  
 APPROVED

Sohil  
 3/19/2018 2:20:36 PM

