

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\  
 Data File : BG039100.D  
 Acq On : 12 Jan 2019 00:40  
 Operator : JU/SJ  
 Sample : K1102-08MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

Manual Integrations  
 APPROVED

Sohil  
 1/17/2019 4:56:24 PM

Quant Time: Jan 12 03:16:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 29182    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 133682   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 104761   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 269266   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 210279   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.97 | 264  | 233415   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 223057 | 145.00 | ng | 0.00  |
| 7) Phenol-d6             | 7.19  | 99  | 341557 | 154.28 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 192549 | 78.82  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 194564 | 110.79 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 537169 | 70.17  | ng | 0.00  |
| 79) Terphenyl-d14        | 20.02 | 244 | 854765 | 75.20  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 19004  | 31.546 | ng | 98     |
| 3) Pyridine                    | 3.86  | 79  | 58494  | 35.734 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 31775  | 43.138 | ng | 94     |
| 6) Aniline                     | 7.36  | 93  | 43705  | 16.438 | ng | 94     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 91130  | 50.254 | ng | 98     |
| 9) Benzaldehyde                | 7.17  | 77  | 28358  | 22.211 | ng | 97     |
| 10) Phenol                     | 7.22  | 94  | 129924 | 58.535 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 74643  | 44.001 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 82946  | 38.177 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 85501  | 38.857 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 84832  | 40.435 | ng | 98     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 83164  | 49.882 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 136804 | 42.056 | ng | 99     |
| 17) 2-Methylphenol             | 8.47  | 107 | 81993  | 53.200 | ng | 93     |
| 18) Hexachloroethane           | 9.10  | 117 | 29058  | 38.871 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 67055  | 46.124 | ng | # 92   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 117156 | 53.316 | ng | 95     |
| 22) Acetophenone               | 8.85  | 105 | 135192 | 38.725 | ng | 96     |
| 24) Nitrobenzene               | 9.25  | 77  | 97177  | 39.353 | ng | 99     |
| 25) Isophorone                 | 9.76  | 82  | 203032 | 48.246 | ng | 99     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 52945  | 39.640 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 89747  | 47.760 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 108265 | 42.806 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 112330 | 48.118 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 102369 | 36.496 | ng | 99     |
| 31) Naphthalene                | 10.89 | 128 | 284823 | 42.481 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 6264m  | 13.801 | ng |        |
| 33) 4-Chloroaniline            | 11.02 | 127 | 32888  | 10.962 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 65047  | 33.703 | ng | 99     |
| 35) Caprolactam                | 11.80 | 113 | 39967m | 42.695 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 124451 | 49.843 | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 226372 | 45.033 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 230856 | 47.847 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 143447 | 36.460 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\  
 Data File : BG039100.D  
 Acq On : 12 Jan 2019 00:40  
 Operator : JU/SJ  
 Sample : K1102-08MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

Manual Integrations  
 APPROVED

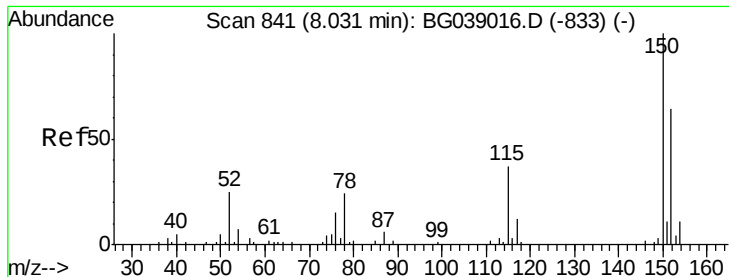
Sohil  
 1/17/2019 4:56:24 PM

Quant Time: Jan 12 03:16:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 113424   | 53.253 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 101738   | 41.086 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 110653   | 42.280 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.50 | 154  | 337931   | 40.710 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 271377   | 40.399 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 83448    | 44.342 | ng    | 97       |
| 49) Acenaphthylene             | 14.40 | 152  | 414487   | 41.052 | ng    | 99       |
| 50) Dimethylphthalate          | 14.12 | 163  | 491758   | 55.548 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 79000    | 39.914 | ng    | 95       |
| 52) Acenaphthene               | 14.73 | 154  | 238797   | 39.364 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 23775    | 11.841 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 25325    | 25.347 | ng    | 94       |
| 55) Dibenzofuran               | 15.07 | 168  | 418027   | 39.017 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 101354   | 70.157 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 114761   | 40.415 | ng    | 96       |
| 58) Fluorene                   | 15.71 | 166  | 337453   | 41.844 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 97964    | 39.654 | ng    | 100      |
| 60) Diethylphthalate           | 15.47 | 149  | 365548   | 40.077 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 187412   | 36.887 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 74813    | 35.768 | ng    | 94       |
| 63) Azobenzene                 | 15.99 | 77   | 293025   | 41.081 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 43345    | 21.728 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 328142   | 41.108 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 132677   | 38.332 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 136372   | 36.107 | ng    | 100      |
| 69) Atrazine                   | 16.86 | 200  | 125671   | 37.060 | ng    | 96       |
| 70) Pentachlorophenol          | 17.06 | 266  | 104126   | 47.186 | ng    | 98       |
| 71) Phenanthrene               | 17.46 | 178  | 567240   | 39.855 | ng    | 98       |
| 72) Anthracene                 | 17.55 | 178  | 578390   | 41.102 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 507727   | 36.549 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 595499   | 38.533 | ng    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 624903   | 35.418 | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 120730   | 18.771 | ng    | 98       |
| 78) Pyrene                     | 19.83 | 202  | 627991   | 46.862 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 213558   | 41.900 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 535091   | 41.802 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 84268    | 16.157 | ng    | 97       |
| 83) Chrysene                   | 21.74 | 228  | 497402   | 40.856 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 294140   | 41.563 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 519125   | 43.381 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.71 | 276  | 618930   | 42.545 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.92 | 252  | 550439   | 42.768 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 542372   | 42.621 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.81 | 252  | 551664   | 44.345 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene     | 28.77 | 278  | 512209   | 41.394 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.90 | 276  | 534838   | 43.660 | ng    | # 95     |

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





#1

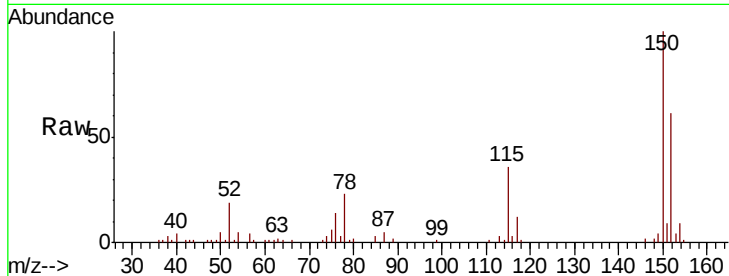
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

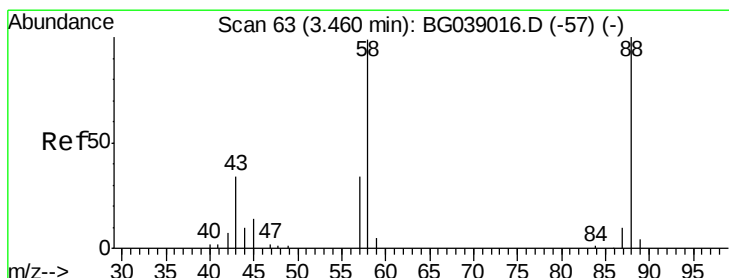
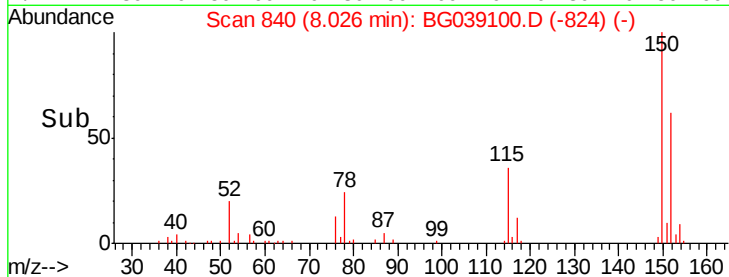
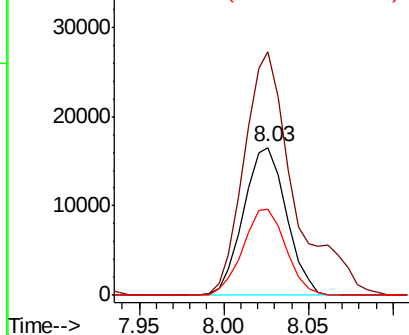
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 164.2 | 124.7 | 187.1 |
| 115     | 58.5  | 46.5  | 69.7  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



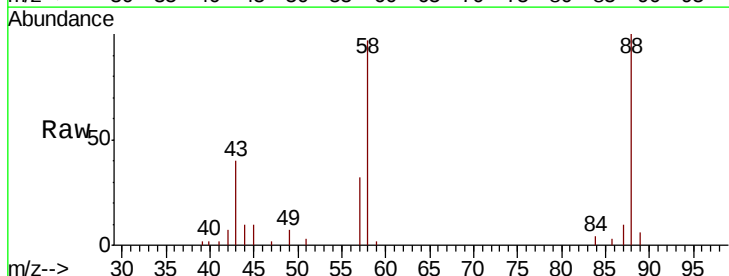
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



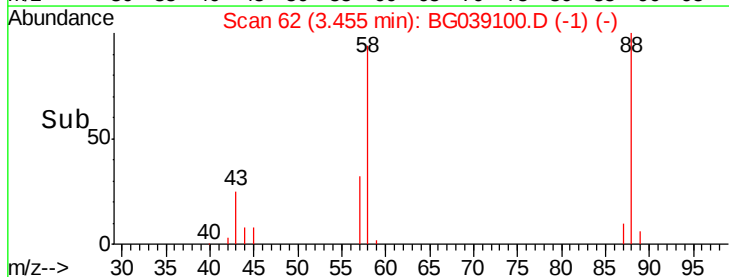
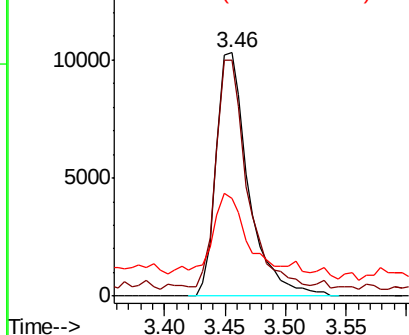
#2

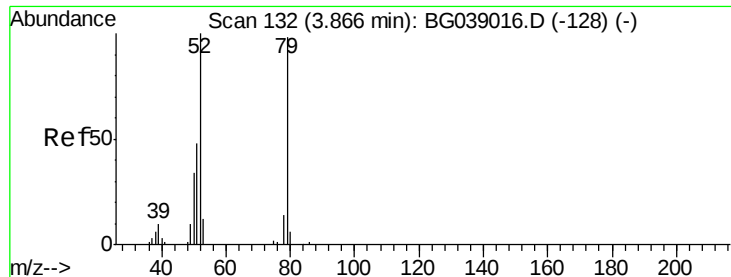
1,4-Dioxane  
Concen: 31.546 ng  
RT: 3.46 min Scan# 62  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.7  | 72.4  | 108.6 |
| 43      | 34.0  | 27.6  | 41.4  |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.734 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

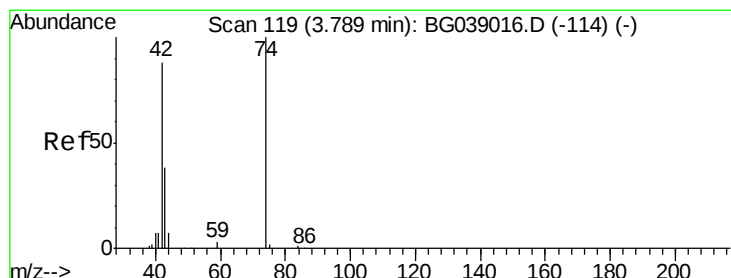
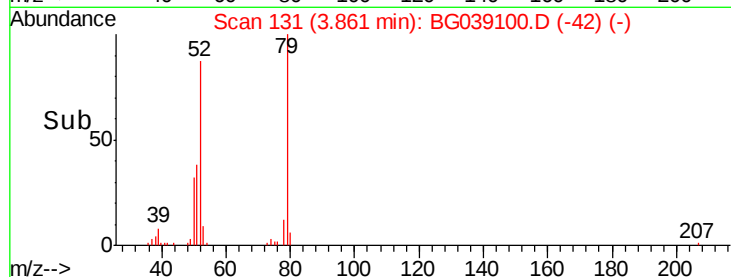
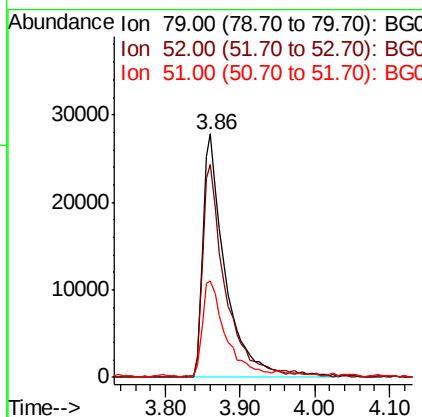
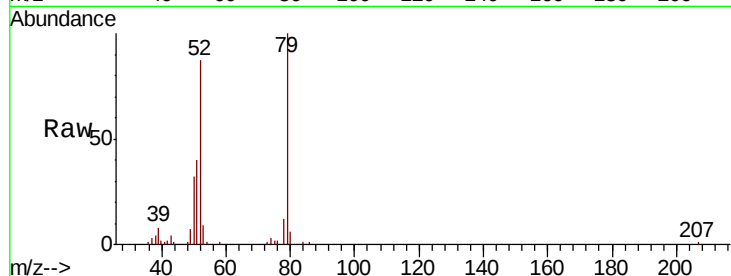
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 58494 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 87.2  | 81.5  | 122.3 |
| 51        | 39.6  | 39.8  | 59.6# |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#4

n-Nitrosodimethylamine

Concen: 43.138 ng

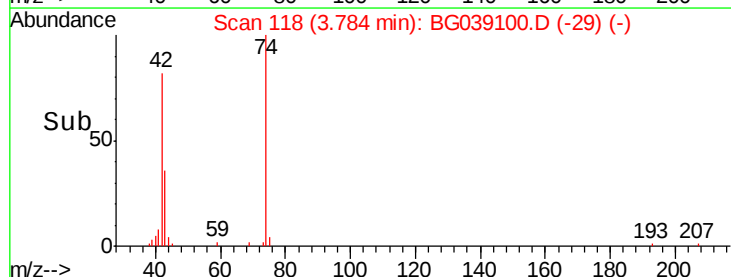
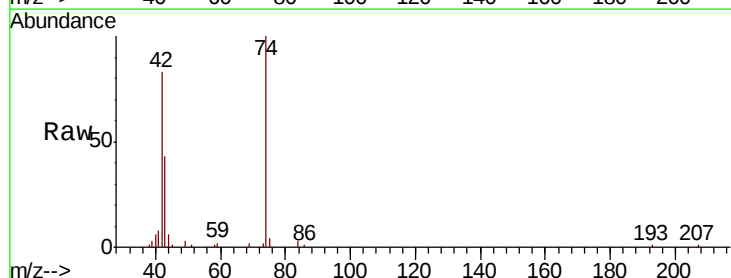
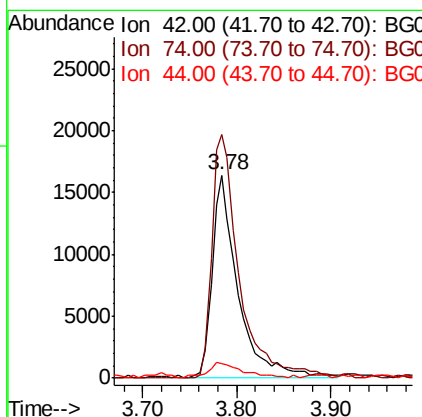
RT: 3.78 min Scan# 118

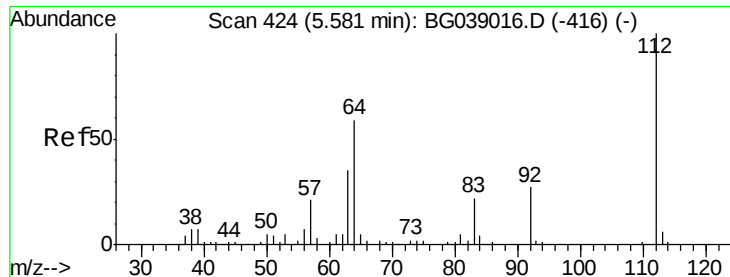
Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 31775 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 120.0 | 90.7  | 136.1 |
| 44        | 7.2   | 6.5   | 9.7   |





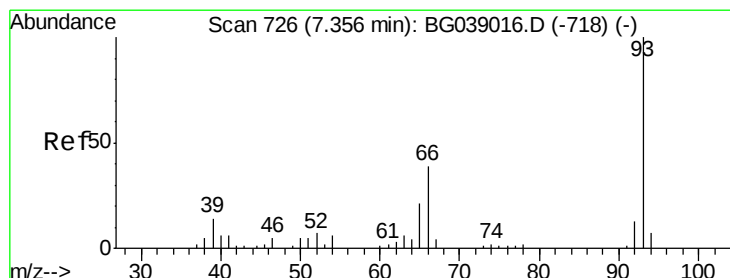
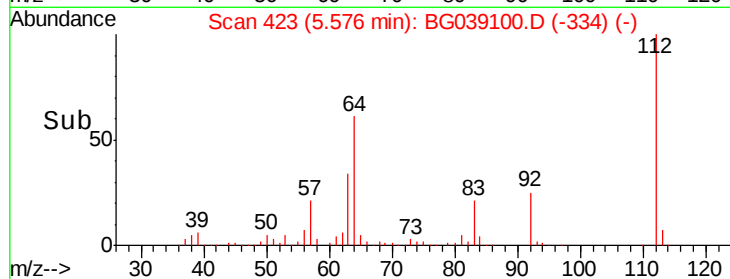
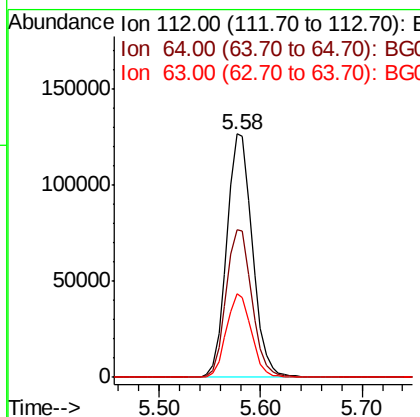
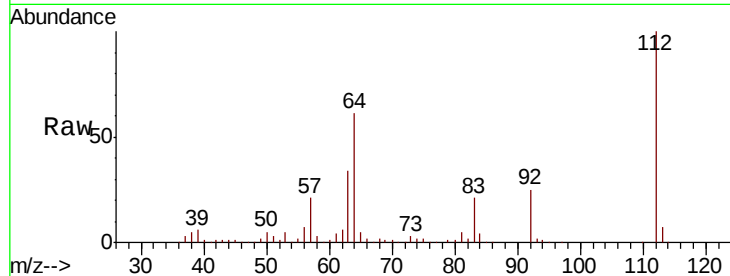
#5  
2-Fluorophenol  
Concen: 144.999 ng  
RT: 5.58 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 223057 |       |       |
| 64      | 60.7  | 47.0   | 70.6  |       |
| 63      | 34.1  | 28.0   | 42.0  |       |

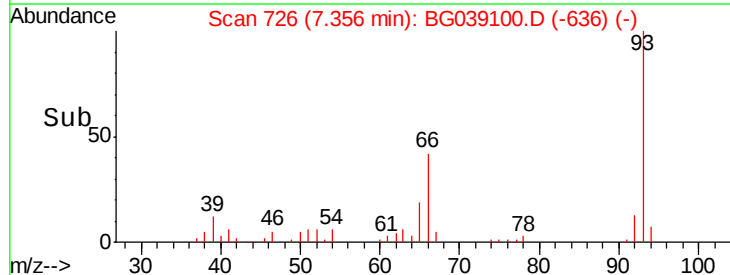
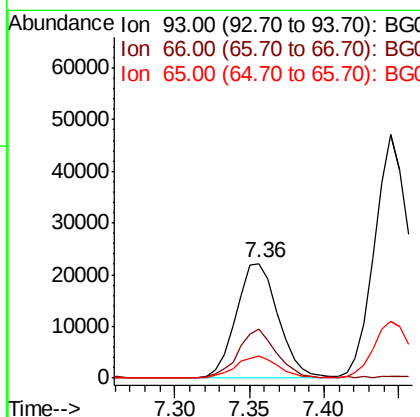
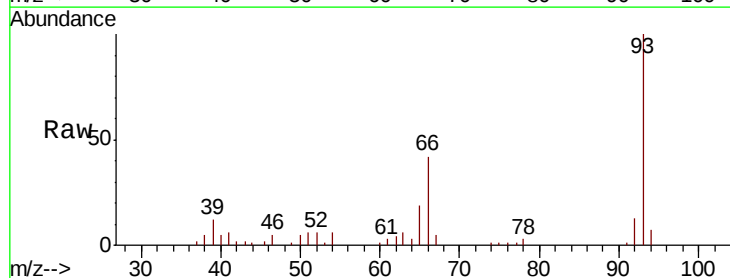
Manual Integrations  
APPROVED

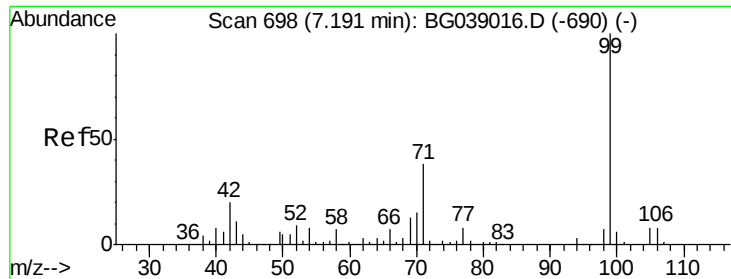
Sohil  
1/17/2019 4:56:24 PM



#6  
Aniline  
Concen: 16.438 ng  
RT: 7.36 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 43705 |       |       |
| 66      | 42.4  | 30.9  | 46.3  |       |
| 65      | 19.3  | 17.0  | 25.4  |       |





#7

Phenol-d6

Concen: 154.281 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

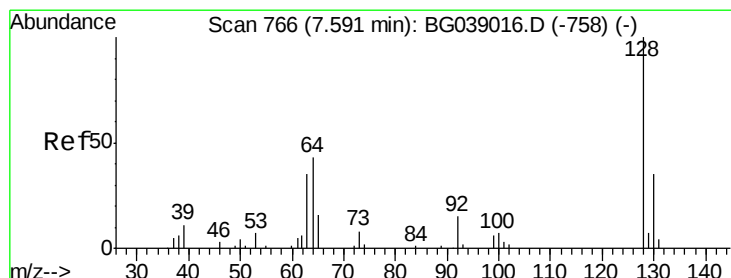
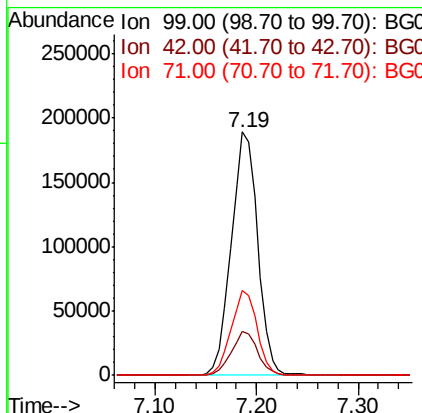
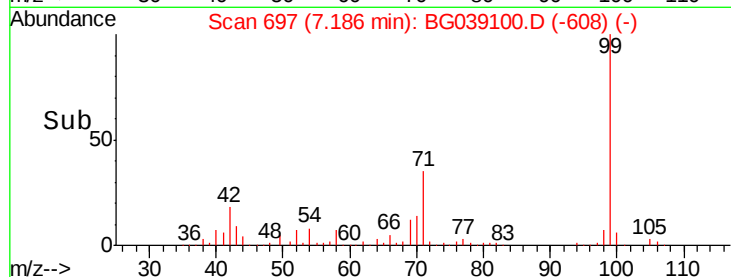
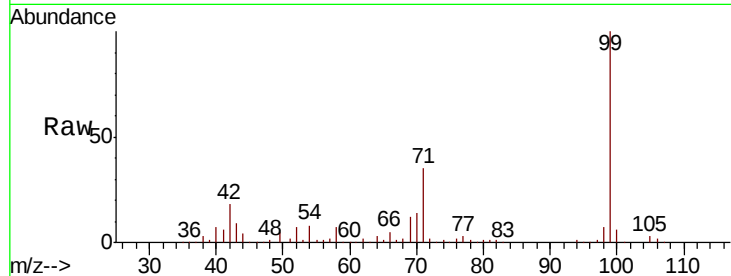
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 341557 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.9  | 15.8  | 23.6   |
| 71        | 35.0  | 30.2  | 45.4   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#8

2-Chlorophenol

Concen: 50.254 ng

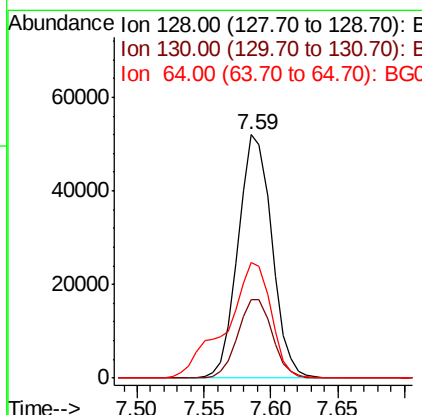
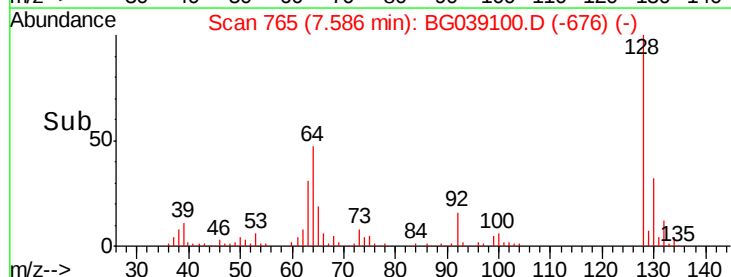
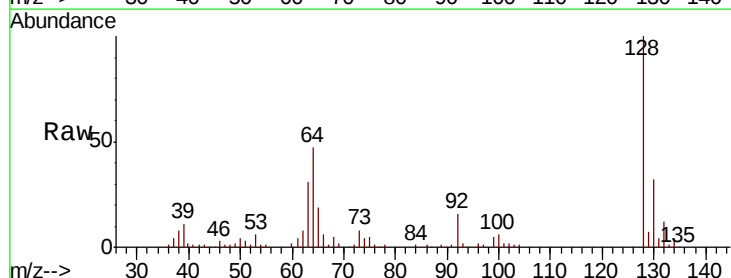
RT: 7.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 91130 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.1  | 14.5  | 54.5  |
| 64        | 47.5  | 27.3  | 67.3  |





#9

Benzaldehyde

Concen: 22.211 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

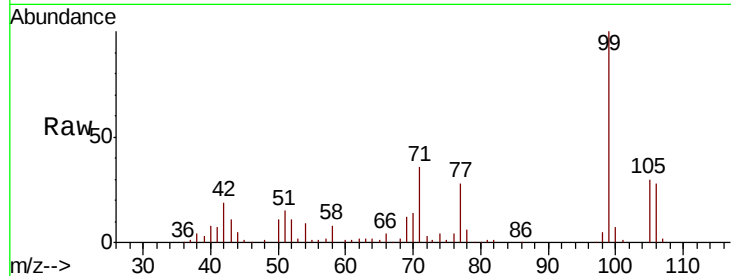
ClientSampleId :

CPSB-14(15-20)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 28358 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 106.2 | 82.4  | 122.4 |
| 106      | 100.0 | 82.8  | 122.8 |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM

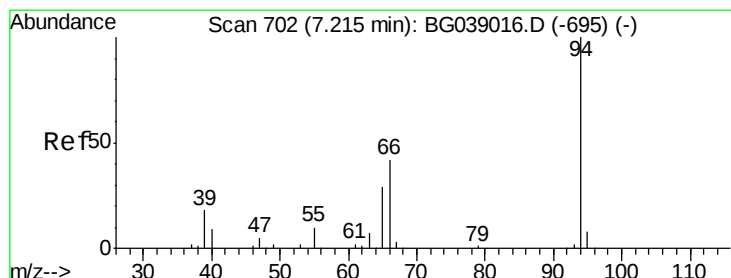
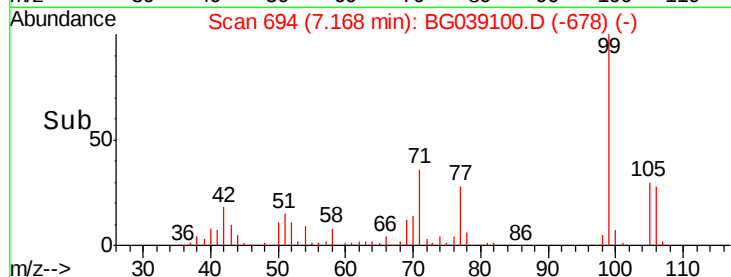
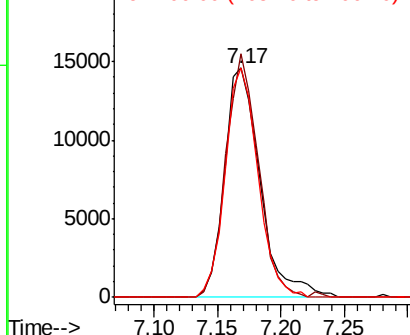


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 58.535 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

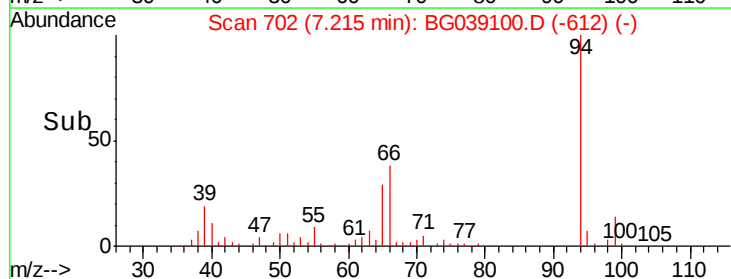
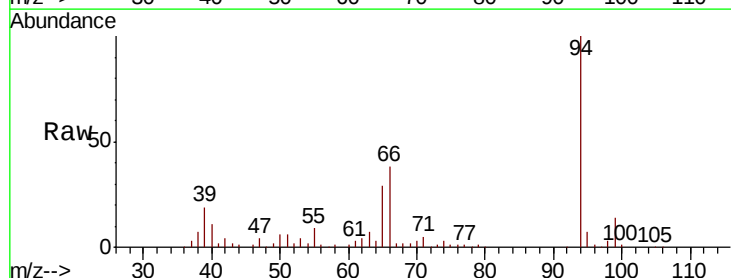
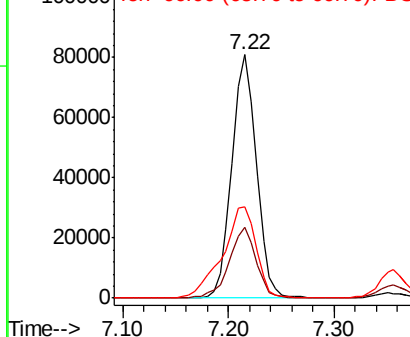
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 129924 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.9  | 10.3  | 50.3   |
| 66       | 37.6  | 25.1  | 65.1   |

Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.001 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

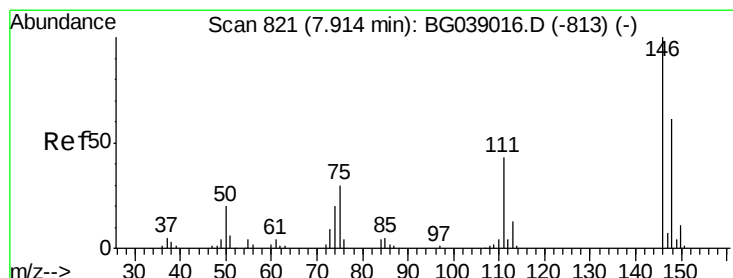
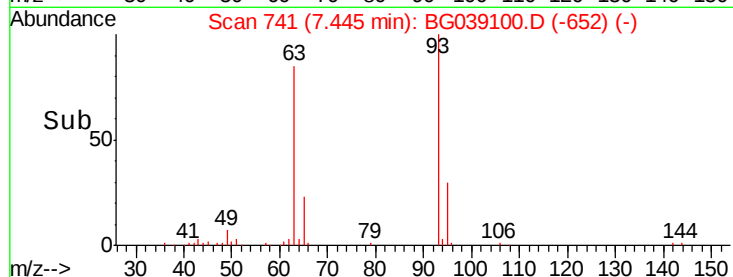
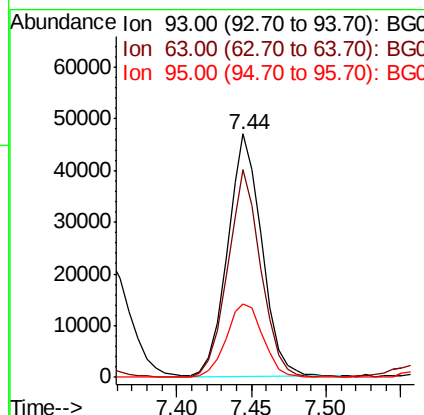
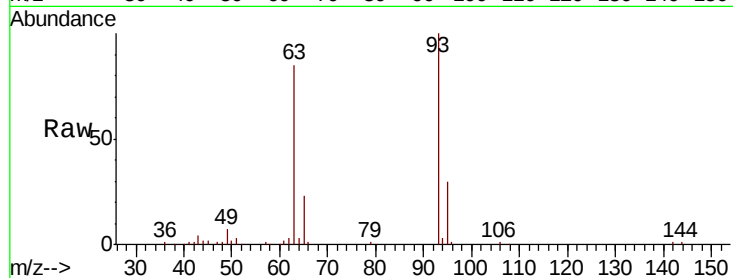
ClientSampleId :

CPSB-14(15-20)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 74643 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 85.5  | 63.2  | 103.2 |
| 95       | 29.9  | 11.2  | 51.2  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#12

1,3-Dichlorobenzene

Concen: 38.177 ng

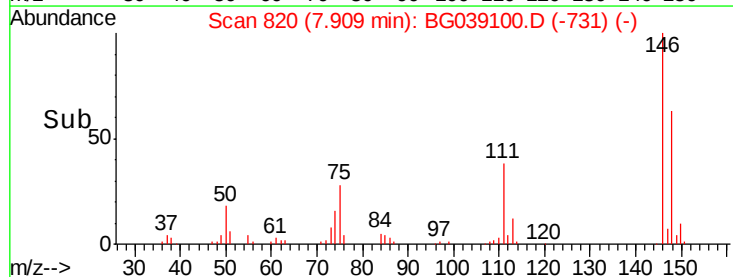
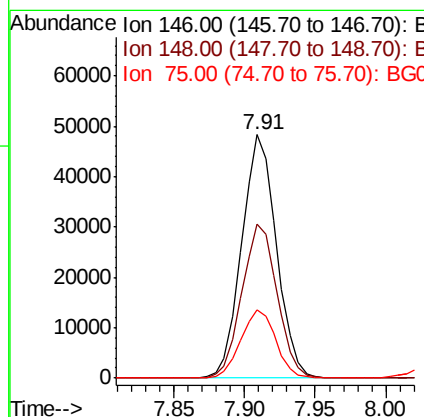
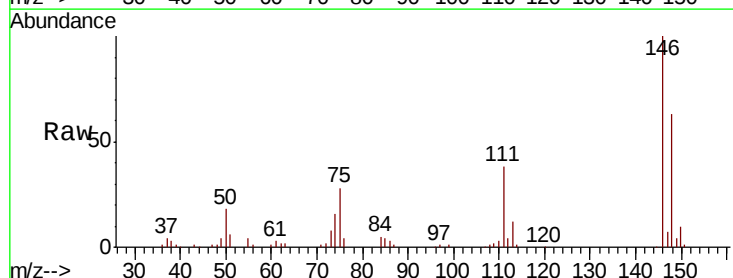
RT: 7.91 min Scan# 820

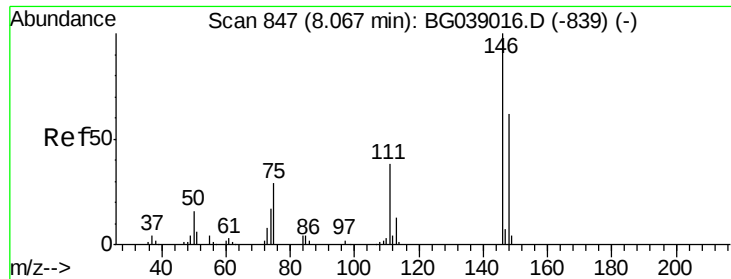
Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 82946 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 63.1  | 49.1  | 73.7  |
| 75       | 28.2  | 23.9  | 35.9  |





#13

1,4-Dichlorobenzene

Concen: 38.857 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

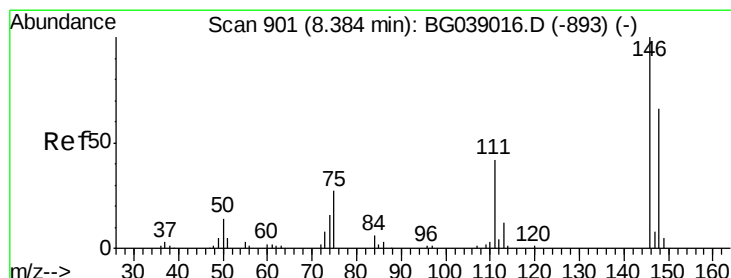
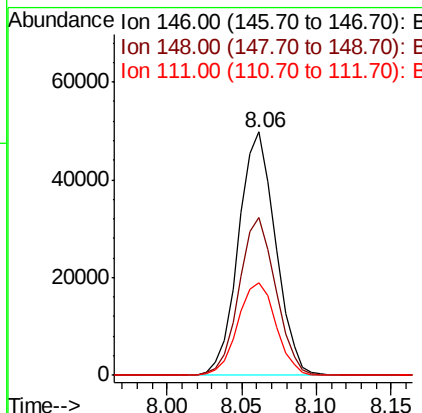
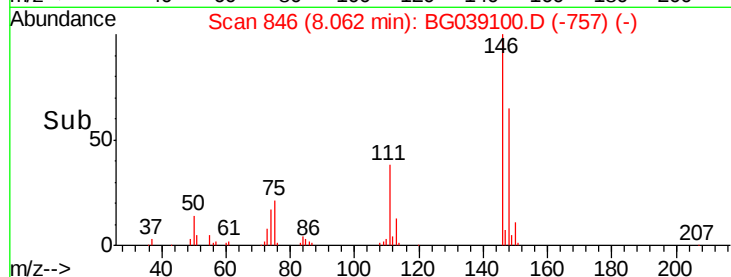
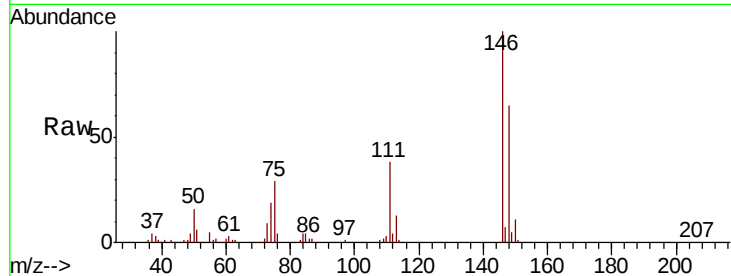
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 85501 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.9  | 49.8  | 74.6  |
| 111       | 38.0  | 30.6  | 45.8  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#14

1,2-Dichlorobenzene

Concen: 40.435 ng

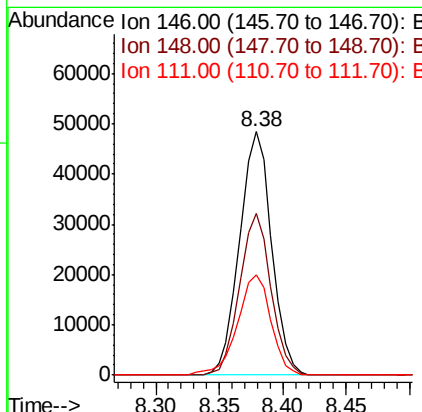
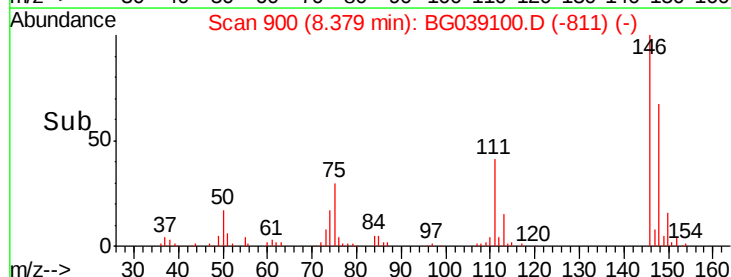
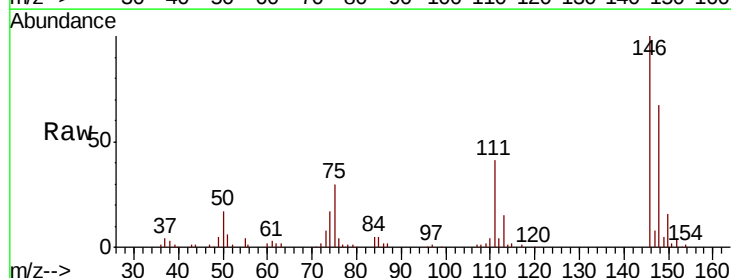
RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 84832 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 66.7  | 52.6  | 79.0  |
| 111       | 41.0  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 49.882 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

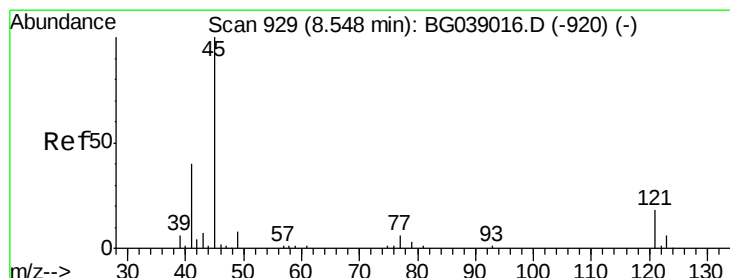
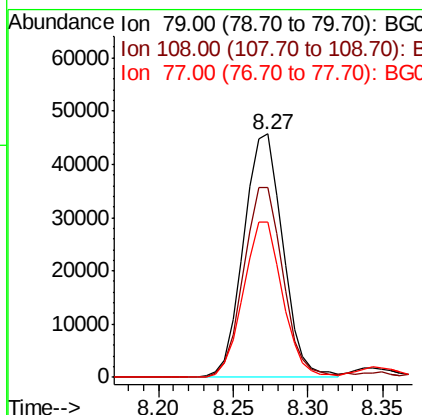
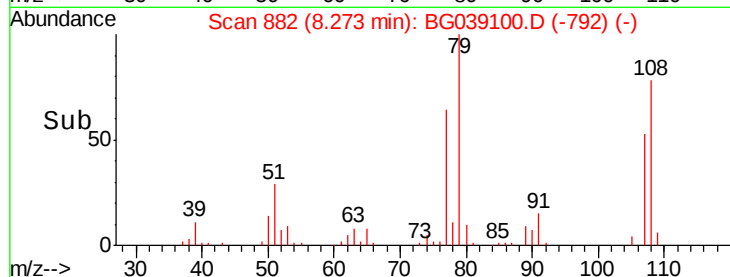
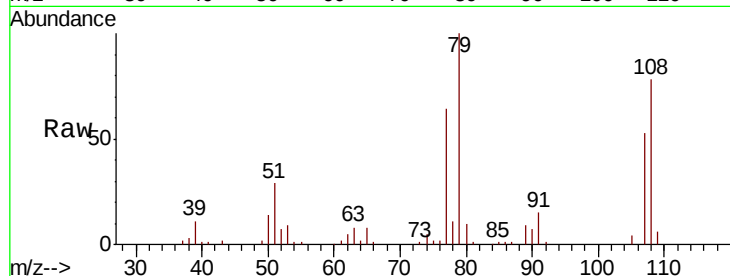
ClientSampleId :

CPSB-14(15-20)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 83164 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 77.9  | 62.0  | 93.0  |
| 77       | 64.0  | 50.1  | 75.1  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.056 ng

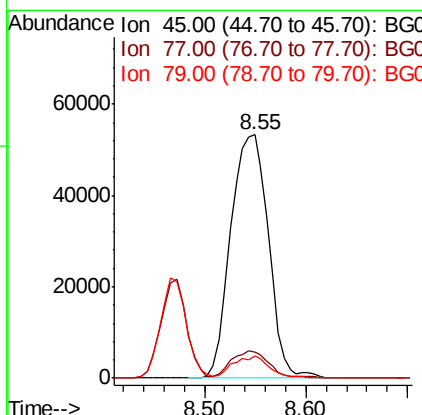
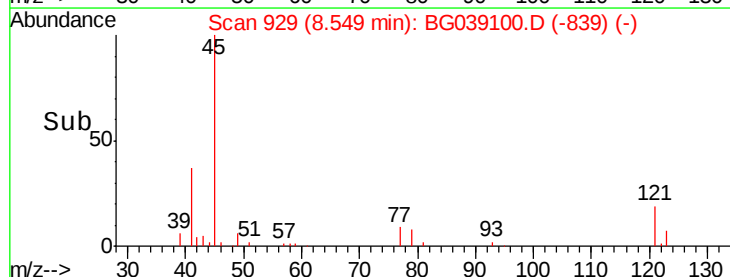
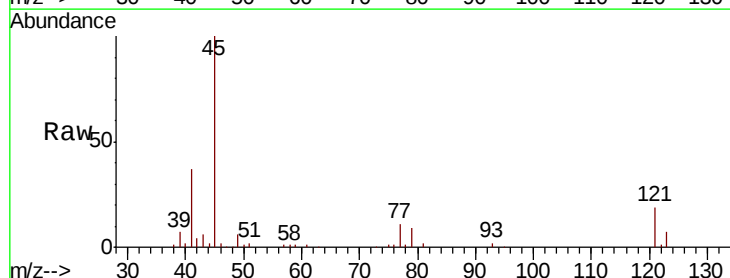
RT: 8.55 min Scan# 929

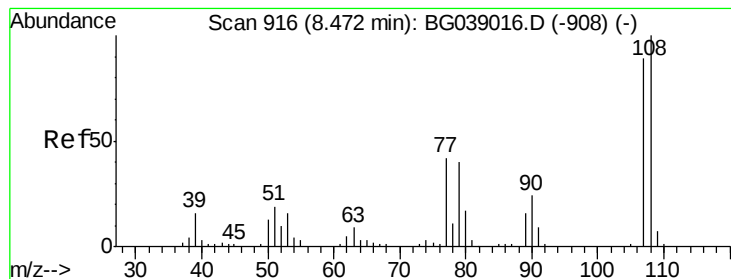
Delta R.T. 0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 136804 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.6  | 0.0   | 30.7   |
| 79       | 9.1   | 0.0   | 28.5   |





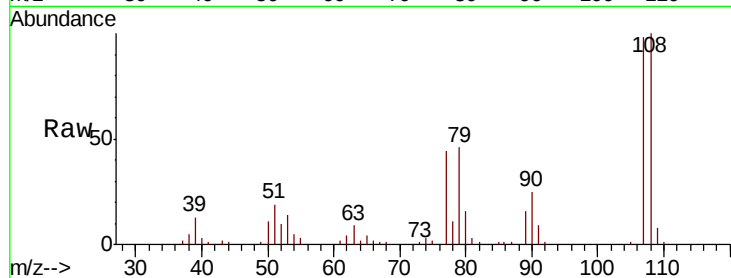
#17  
2-Methylphenol  
Concen: 53.200 ng  
RT: 8.47 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

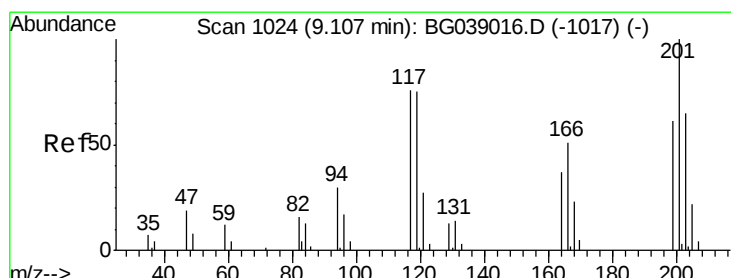
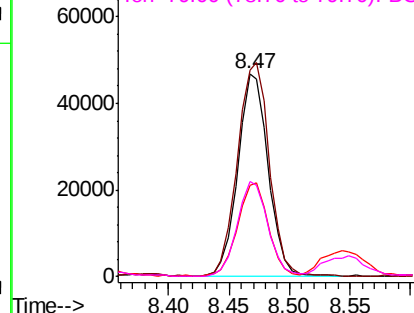
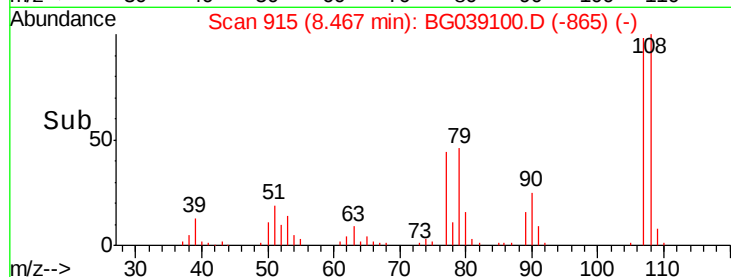
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 81993 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 101.8 | 90.3  | 135.5 |
| 77        | 44.6  | 38.3  | 57.5  |
| 79        | 46.6  | 35.8  | 53.6  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM

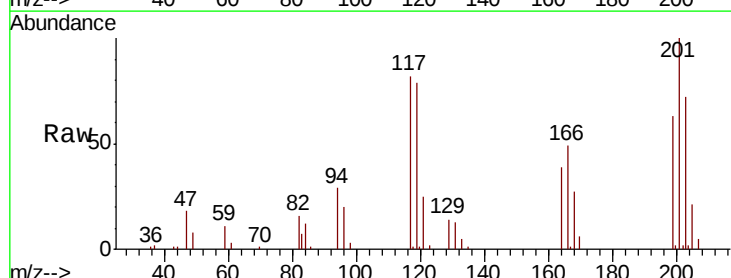


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

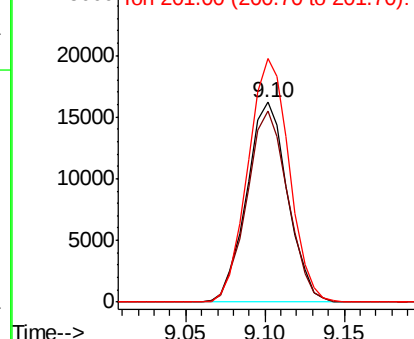
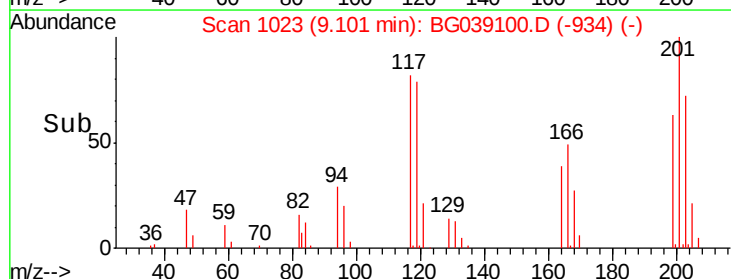


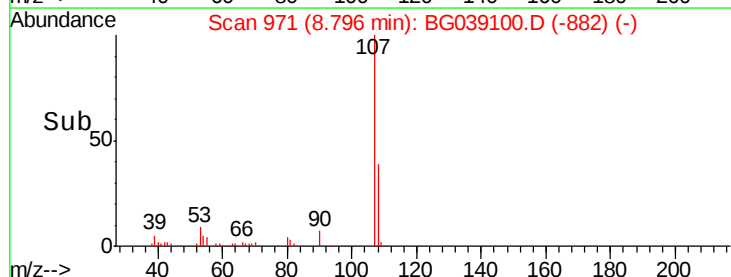
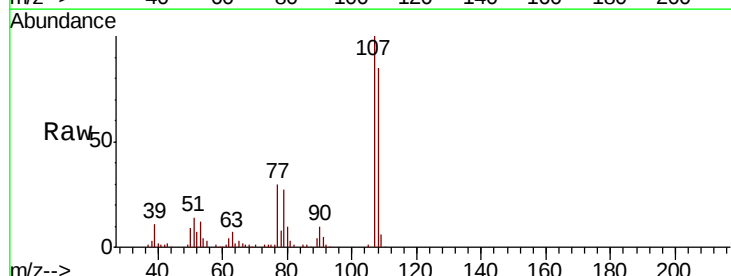
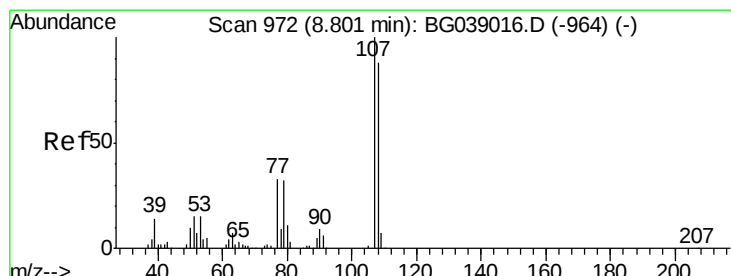
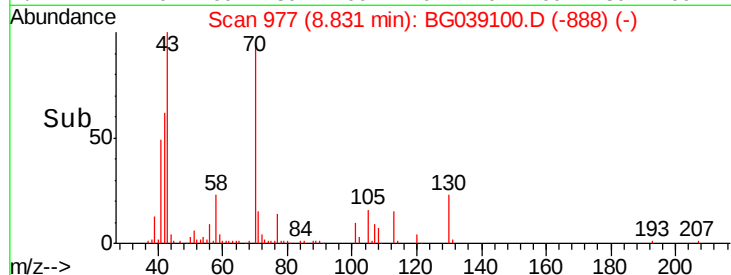
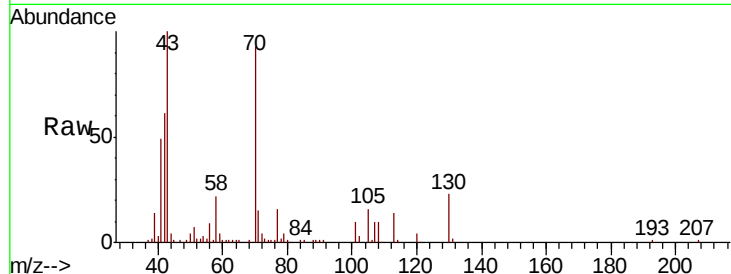
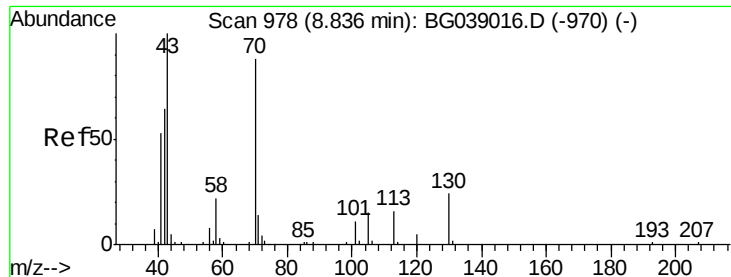
#18  
Hexachloroethane  
Concen: 38.871 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 29058 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 95.7  | 78.7  | 118.1 |
| 201       | 121.7 | 108.1 | 162.1 |



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





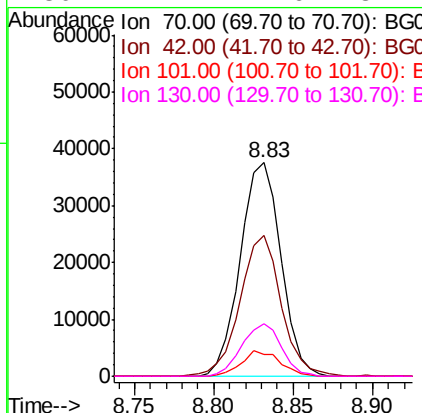
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.124 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 65.7  | 59.0  | 88.4  |
| 101     | 10.3  | 10.4  | 15.6  |
| 130     | 24.7  | 21.6  | 32.4  |

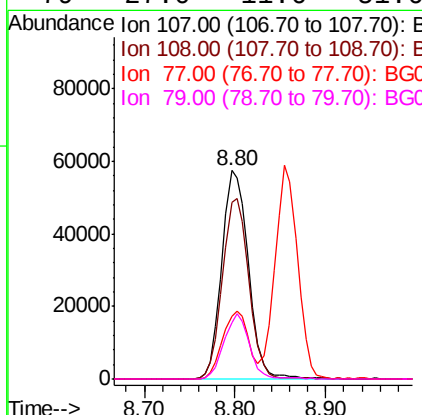
Manual Integrations  
APPROVED

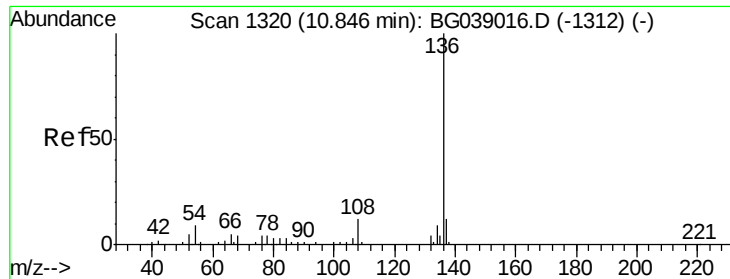
Sohil  
1/17/2019 4:56:24 PM



#20  
3+4-Methylphenols  
Concen: 53.316 ng  
RT: 8.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.8  | 68.4  | 108.4 |
| 77      | 30.3  | 13.3  | 53.3  |
| 79      | 27.0  | 11.6  | 51.6  |





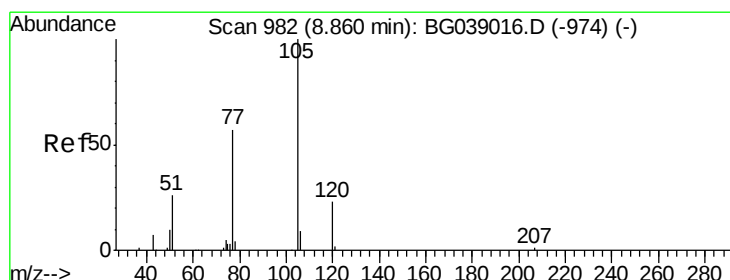
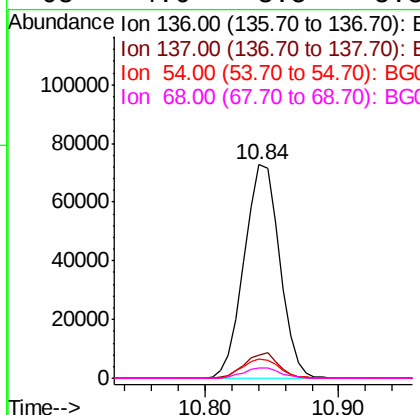
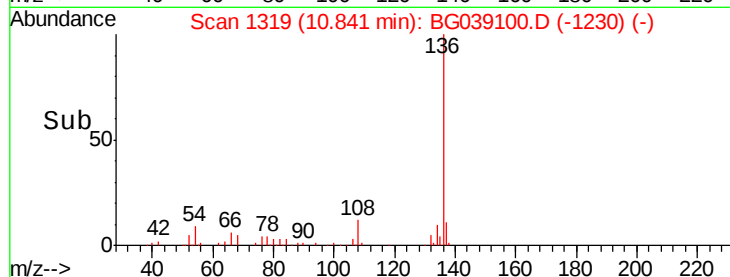
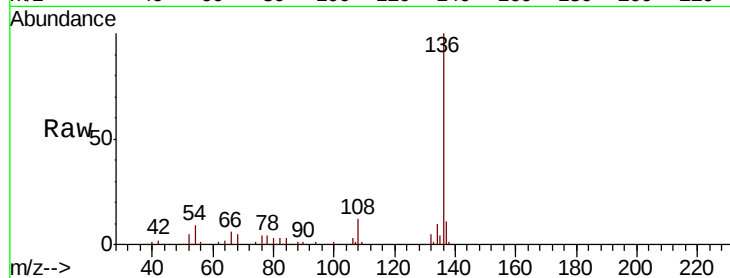
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 133682 |       |       |
| 137     | 11.1  | 9.4    | 14.2  |       |
| 54      | 9.1   | 7.2    | 10.8  |       |
| 68      | 4.6   | 3.5    | 5.3   |       |

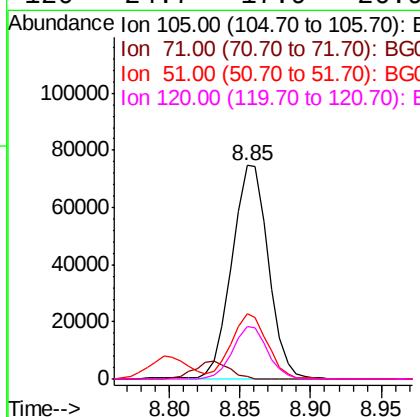
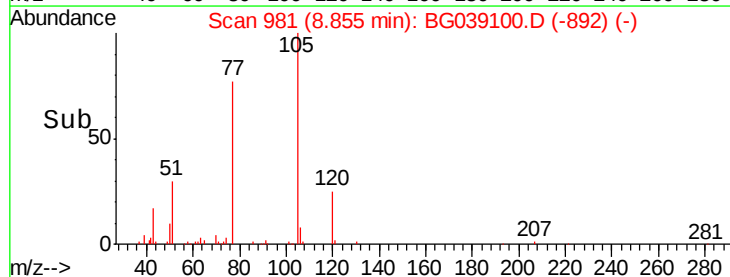
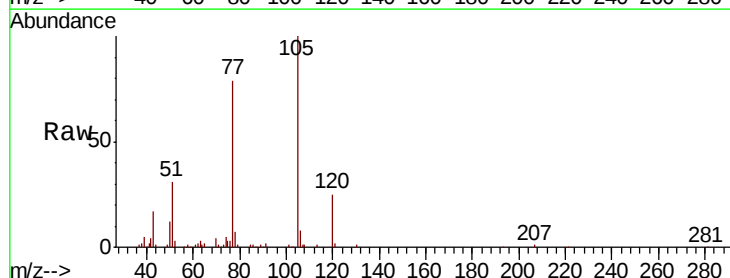
Manual Integrations  
APPROVED

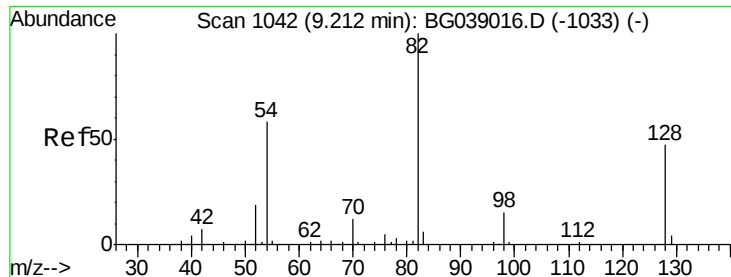
Sohil  
1/17/2019 4:56:24 PM



#22  
Acetophenone  
Concen: 38.725 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 135192 |       |       |
| 71      | 0.9   | 0.6    | 1.0   |       |
| 51      | 30.7  | 26.6   | 39.8  |       |
| 120     | 24.7  | 17.9   | 26.9  |       |





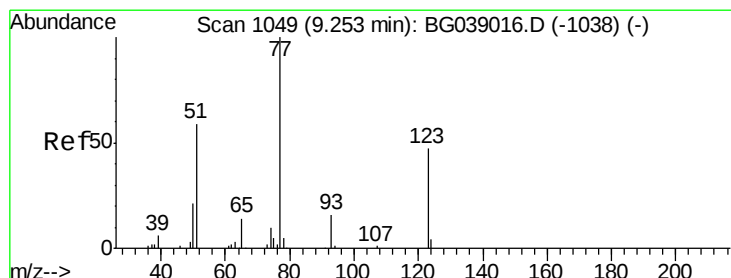
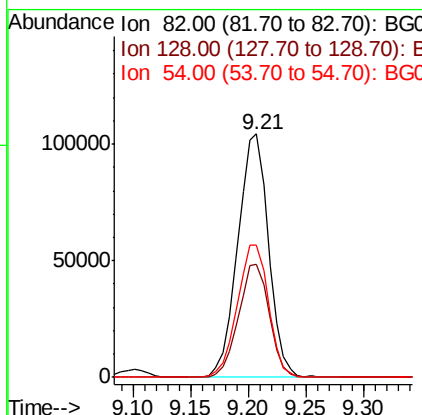
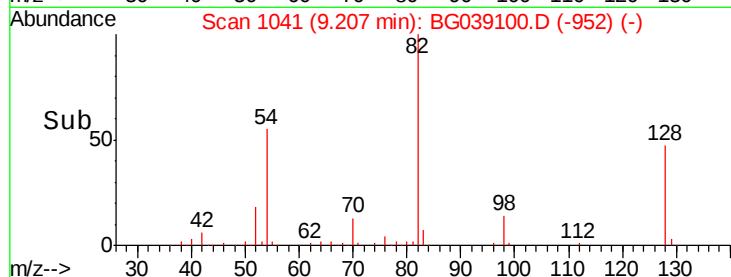
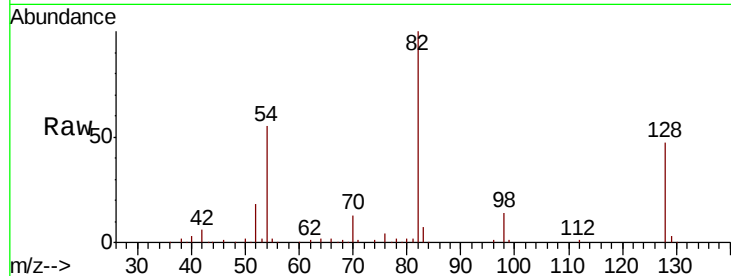
#23  
Nitrobenzene-d5  
Concen: 78.815 ng  
RT: 9.21 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 192549 |       |       |
| 128     | 46.7  | 37.3   | 55.9  |       |
| 54      | 54.6  | 46.4   | 69.6  |       |

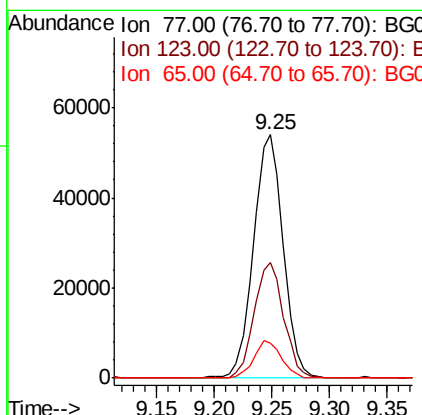
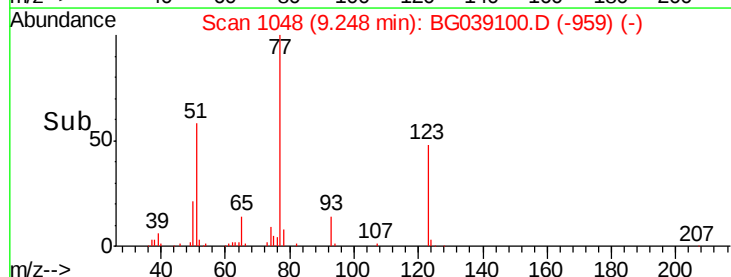
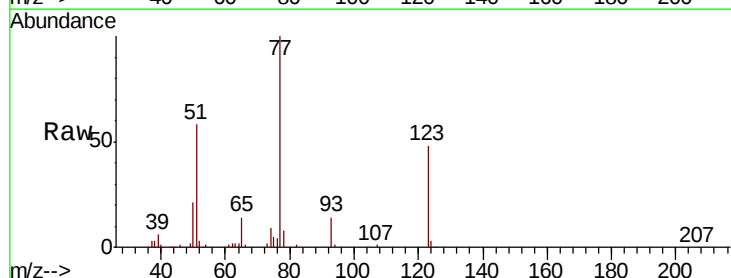
Manual Integrations  
APPROVED

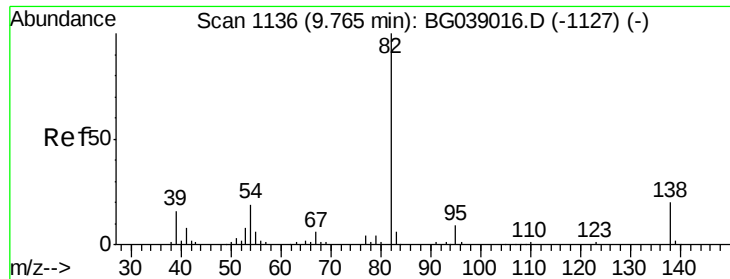
Sohil  
1/17/2019 4:56:24 PM



#24  
Nitrobenzene  
Concen: 39.353 ng  
RT: 9.25 min Scan# 1048  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 97177 |       |       |
| 123     | 47.7  | 37.6  | 56.4  |       |
| 65      | 14.5  | 11.0  | 16.6  |       |





#25

Isophorone

Concen: 48.246 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

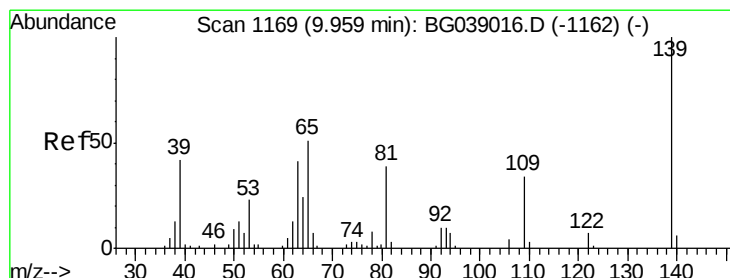
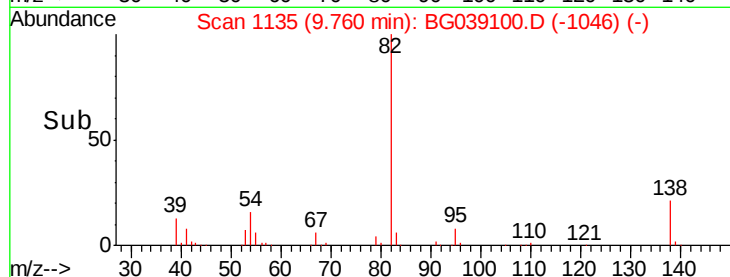
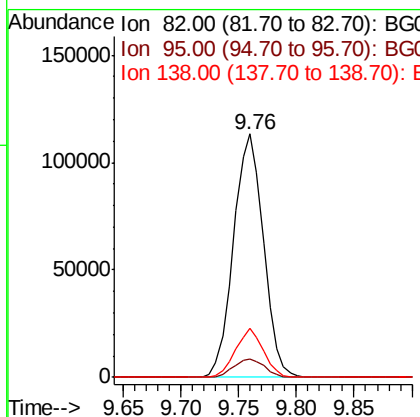
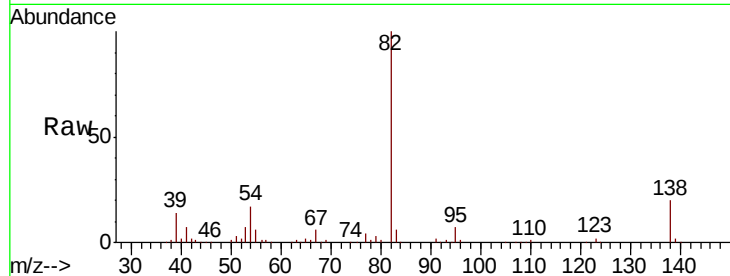
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 203032 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 7.0   | 10.6   |
| 138       | 20.3  | 16.2  | 24.4   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#26

2-Nitrophenol

Concen: 39.640 ng

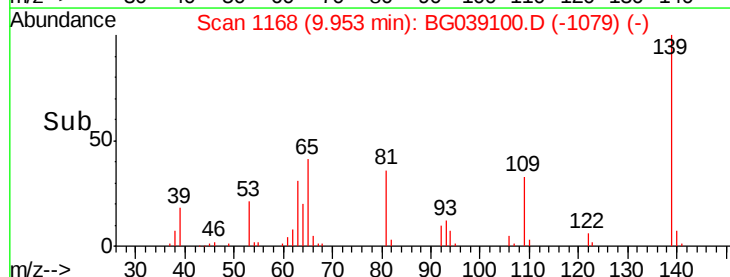
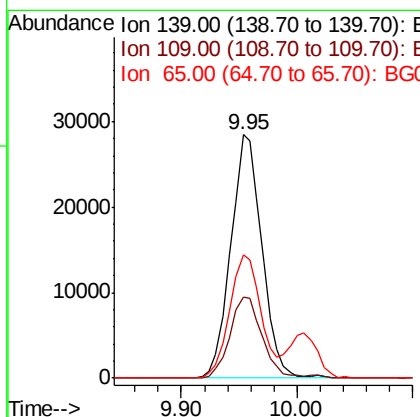
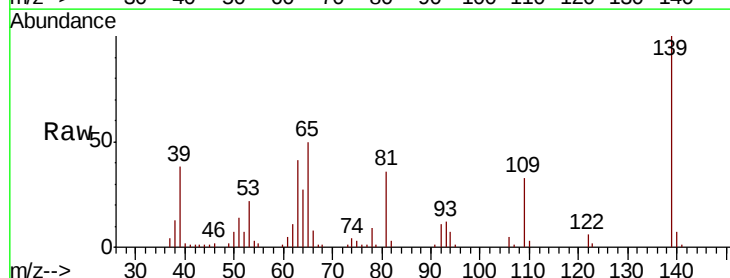
RT: 9.95 min Scan# 1168

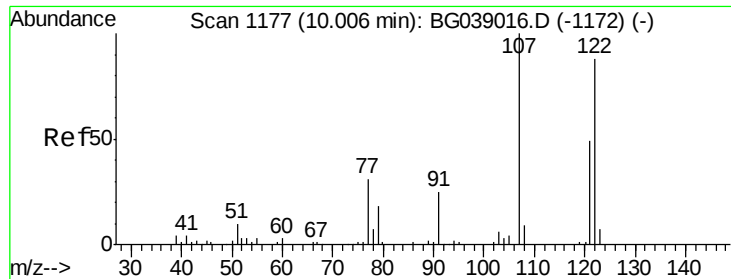
Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 52945 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 33.4  | 27.3  | 40.9  |
| 65        | 50.5  | 40.6  | 61.0  |





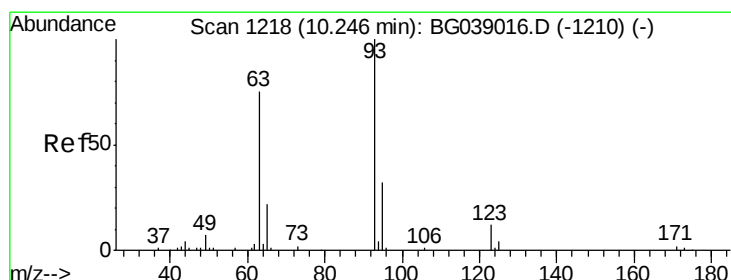
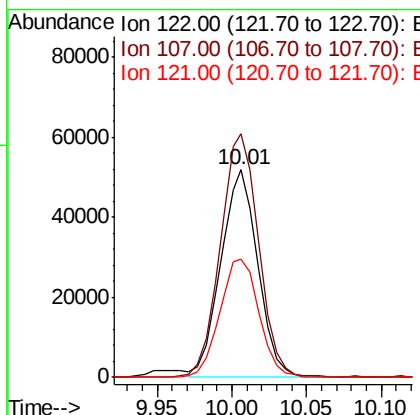
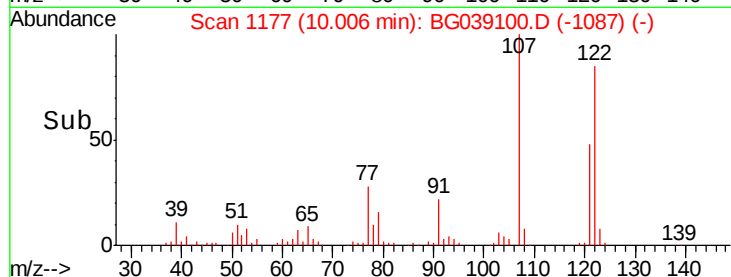
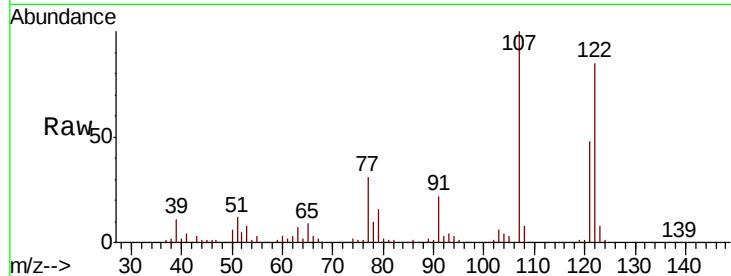
#27  
 2,4-Dimethylphenol  
 Concen: 47.760 ng  
 RT: 10.01 min Scan# 1177  
 Delta R.T. 0.00 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.4 | 88.8  | 133.2 |
| 121     | 56.8  | 43.1  | 64.7  |

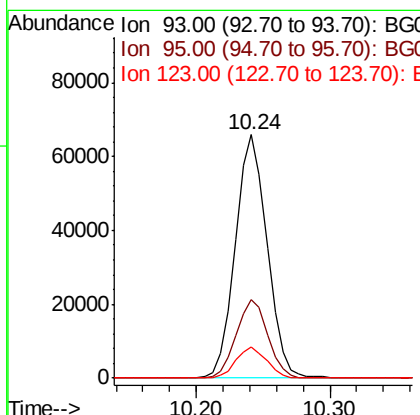
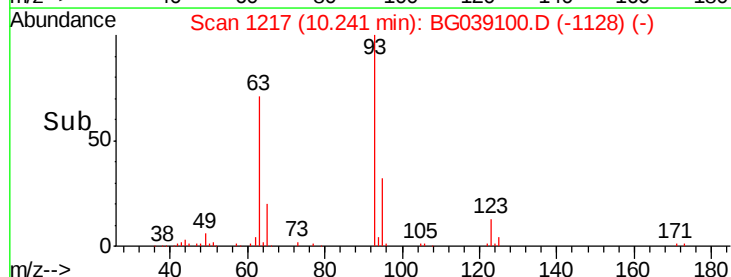
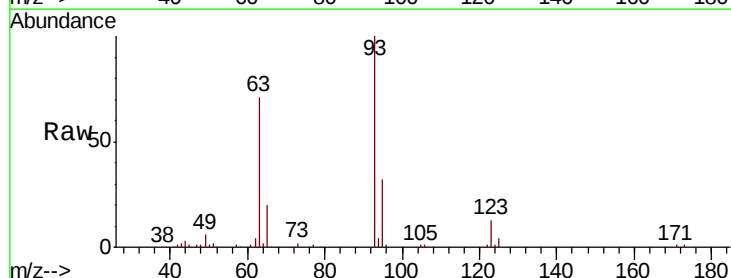
Manual Integrations  
 APPROVED

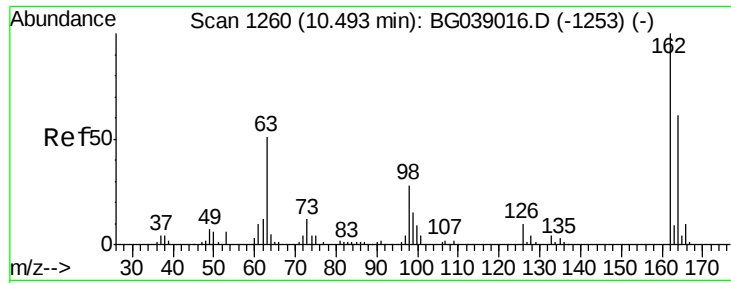
Sohil  
 1/17/2019 4:56:24 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.806 ng  
 RT: 10.24 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.6  | 38.4  |
| 123     | 12.9  | 10.1  | 15.1  |





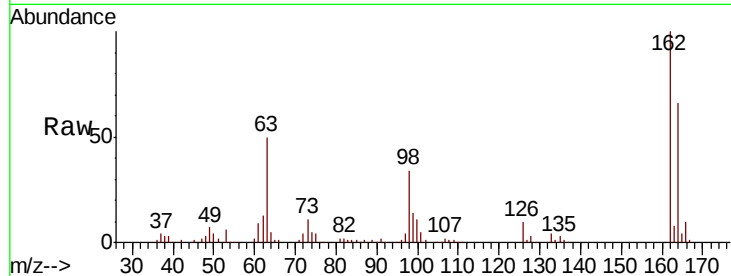
#29  
 2,4-Dichlorophenol  
 Concen: 48.118 ng  
 RT: 10.49 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 65.7  | 41.3       | 81.3  |
| 98      | 33.9  | 8.3        | 48.3  |

Manual Integrations  
 APPROVED

Sohil  
 1/17/2019 4:56:24 PM

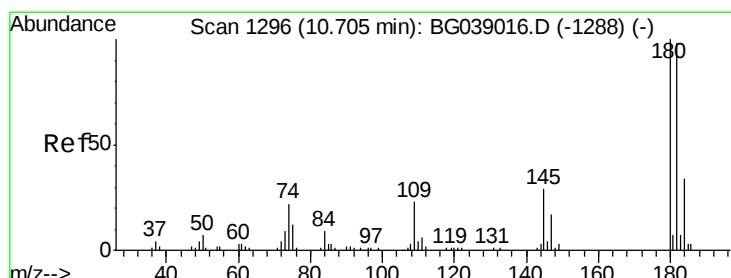
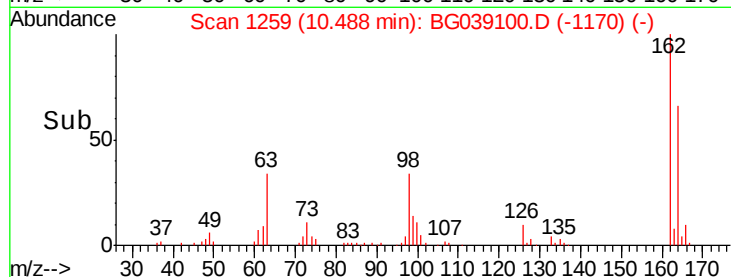
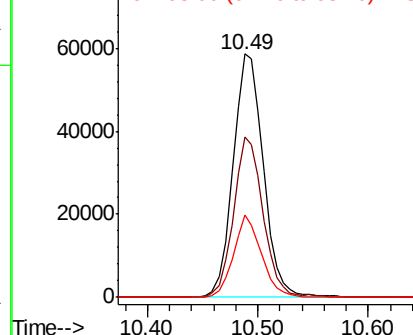


Abundance

Ion 162.00 (161.70 to 162.70): E

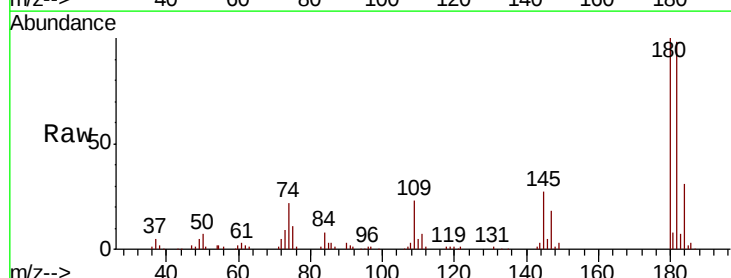
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.496 ng  
 RT: 10.70 min Scan# 1295  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 98.1  | 78.1       | 117.1 |
| 145     | 27.3  | 23.1       | 34.7  |

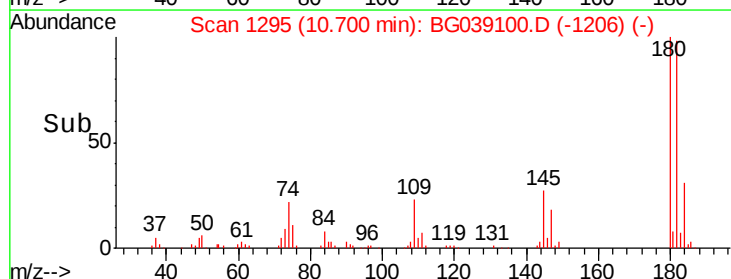
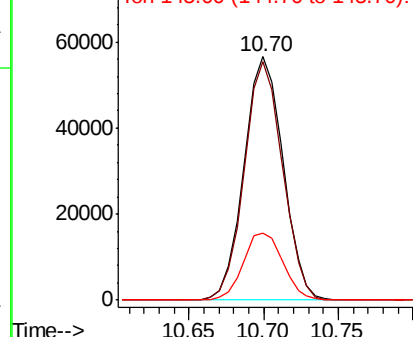


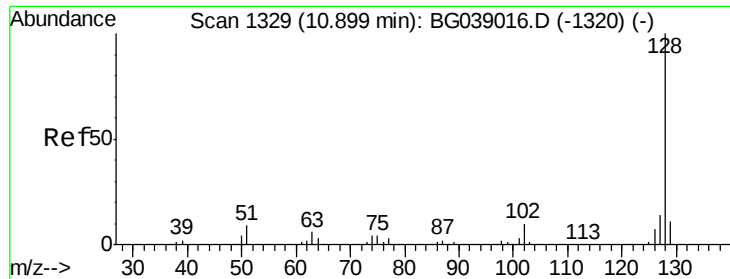
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





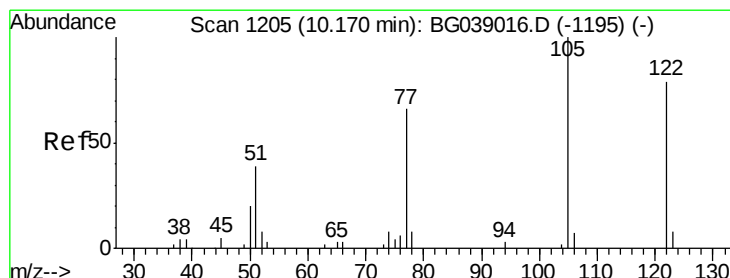
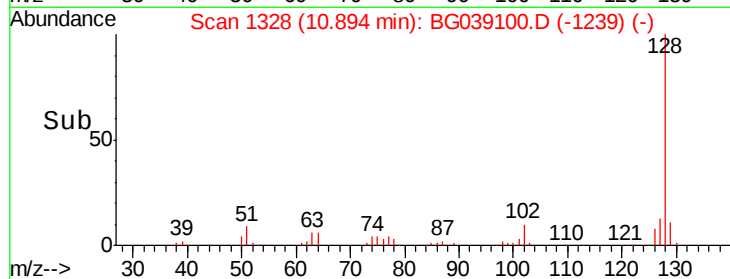
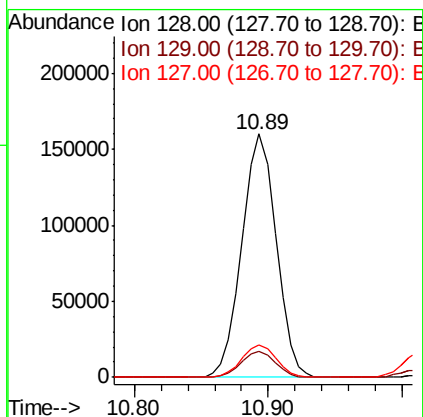
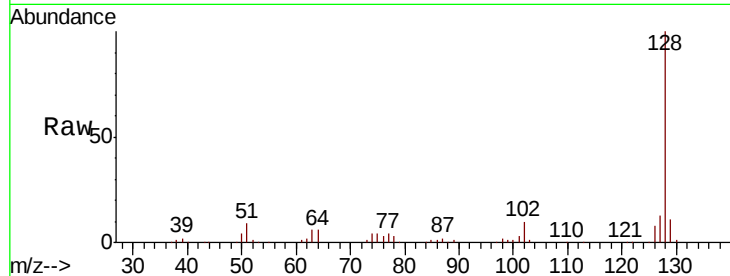
#31  
Naphthalene  
Concen: 42.481 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.1   | 13.7  |
| 127     | 13.5  | 11.2  | 16.8  |

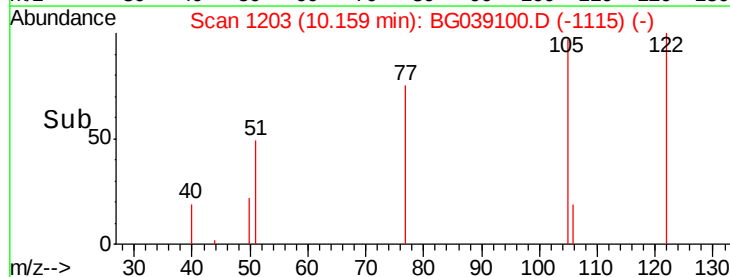
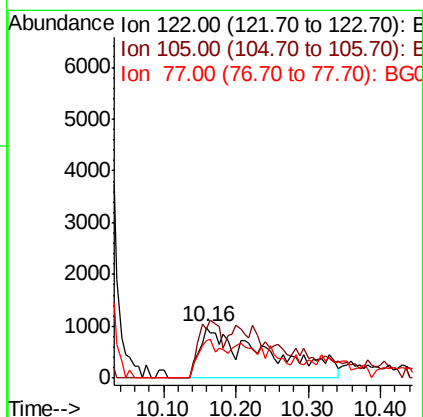
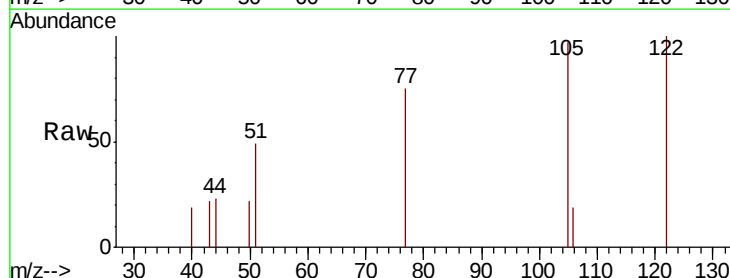
Manual Integrations  
APPROVED

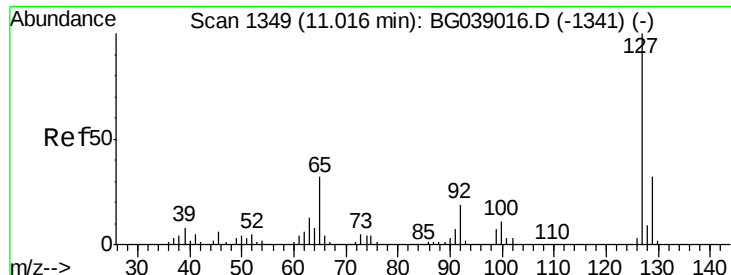
Sohil  
1/17/2019 4:56:24 PM



#32  
Benzoic acid  
Concen: 13.801 ng m  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 96.5  | 106.4 | 146.4# |
| 77      | 75.3  | 63.6  | 103.6  |





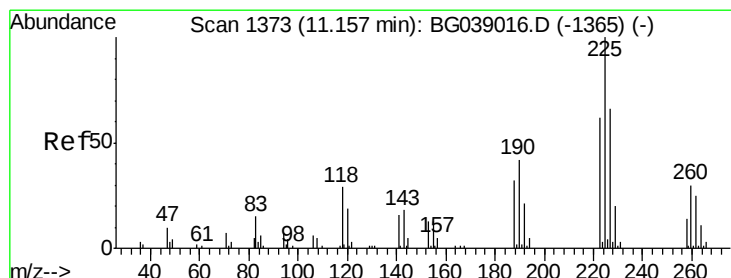
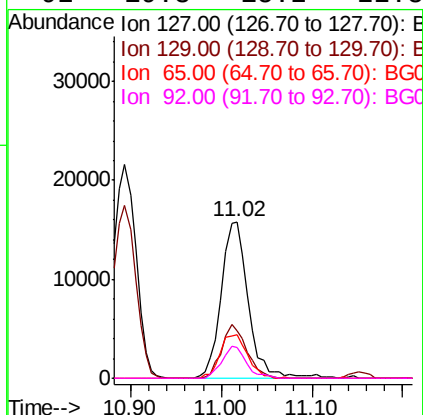
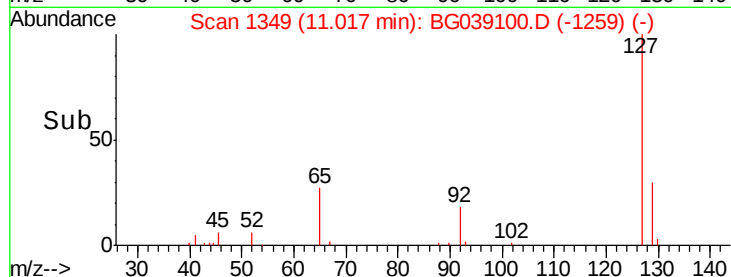
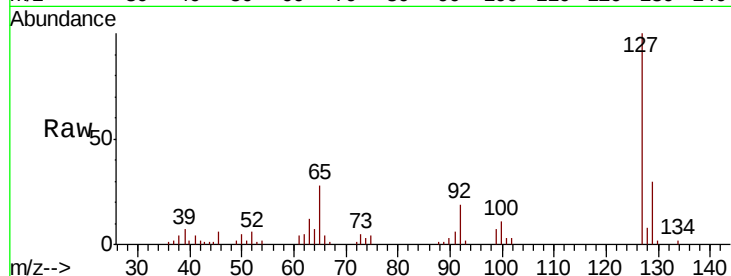
#33  
4-Chloroaniline  
Concen: 10.962 ng  
RT: 11.02 min Scan# 1349  
Delta R.T. 0.00 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 32888 |       |       |
| 129     | 30.4 | 25.4  | 38.0  |       |       |
| 65      | 27.8 | 25.4  | 38.0  |       |       |
| 92      | 19.3 | 15.2  | 22.8  |       |       |

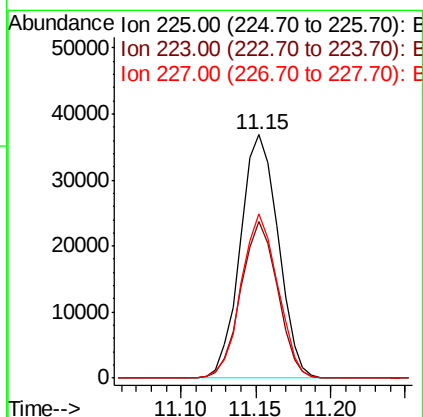
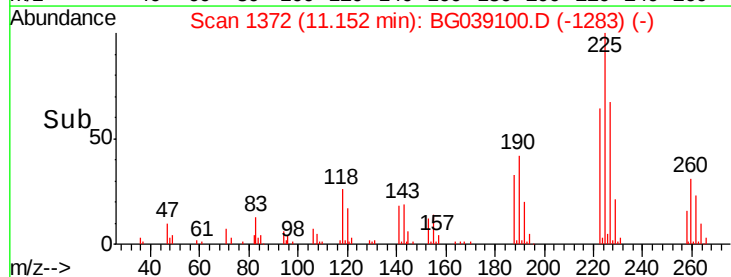
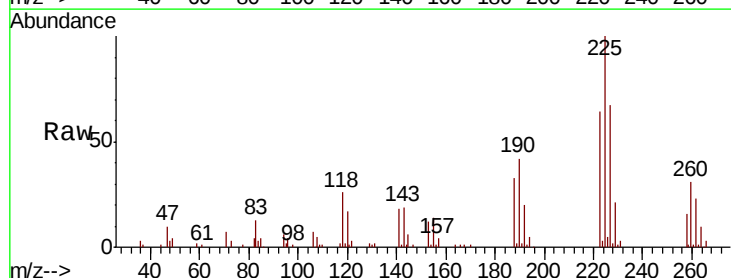
Manual Integrations  
APPROVED

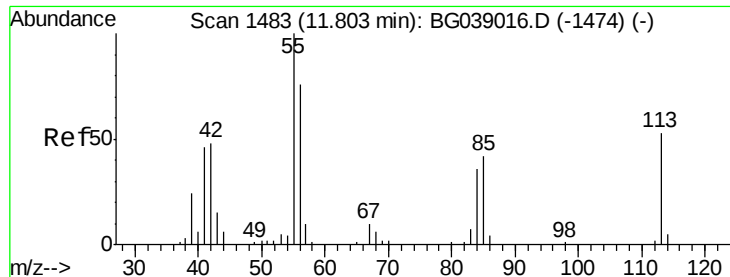
Sohil  
1/17/2019 4:56:24 PM



#34  
Hexachlorobutadiene  
Concen: 33.703 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 65047 |       |       |
| 223     | 61.0 | 50.2  | 75.4  |       |       |
| 227     | 66.4 | 53.2  | 79.8  |       |       |





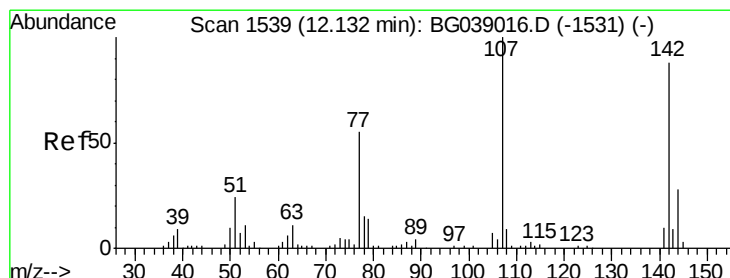
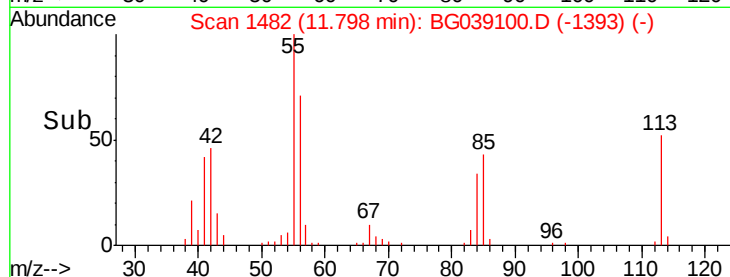
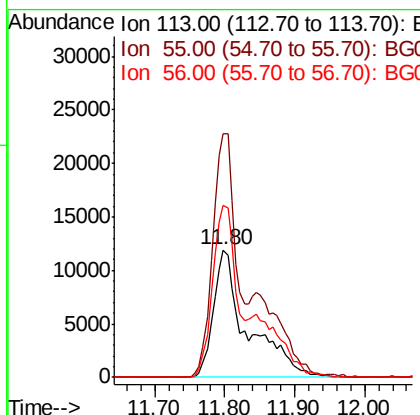
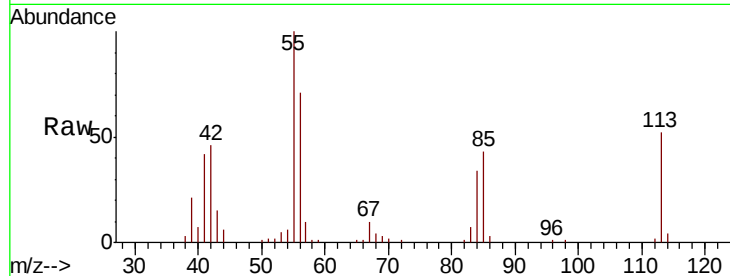
#35  
 Caprolactam  
 Concen: 42.695 ng/ml  
 RT: 11.80 min Scan# 1482  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

Tot Ion: 113 Resp: 39967  
 Ion Ratio Lower Upper  
 113 100  
 55 190.8 168.6 208.6  
 56 135.0 123.2 163.2

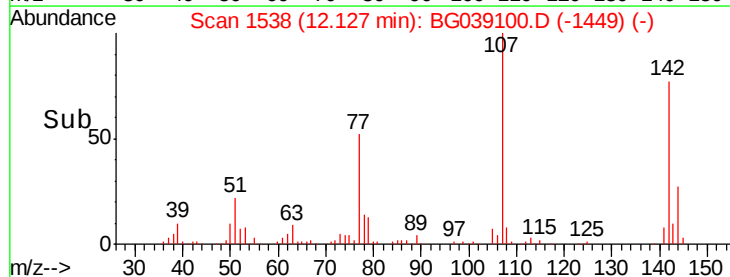
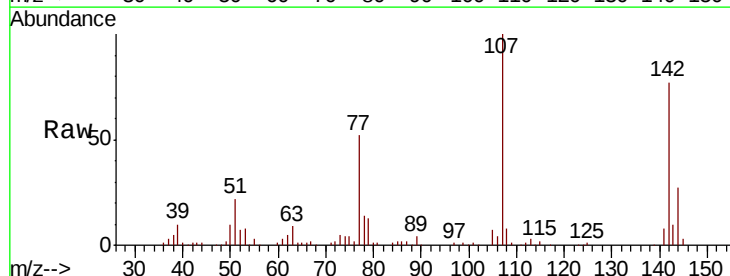
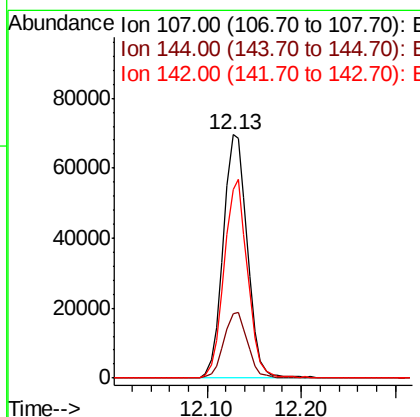
Manual Integrations  
 APPROVED

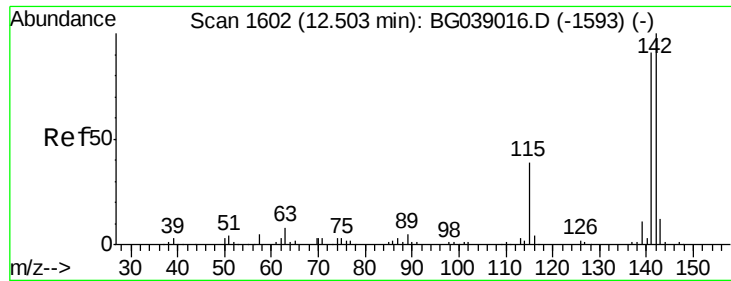
Sohil  
 1/17/2019 4:56:24 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.843 ng/ml  
 RT: 12.13 min Scan# 1538  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Tgt Ion: 107 Resp: 124451  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 22.6 34.0  
 142 77.4 70.2 105.4





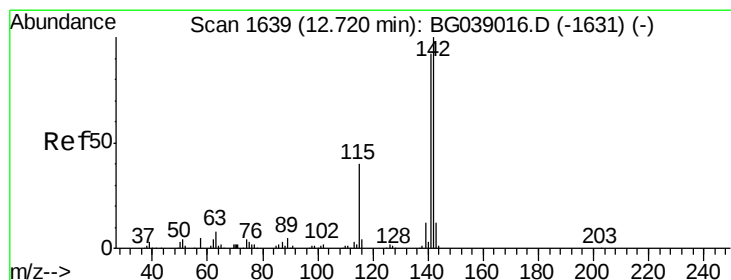
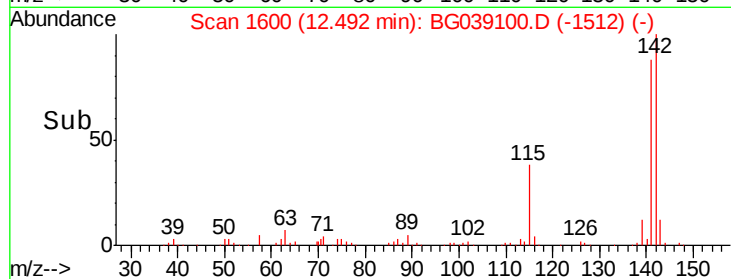
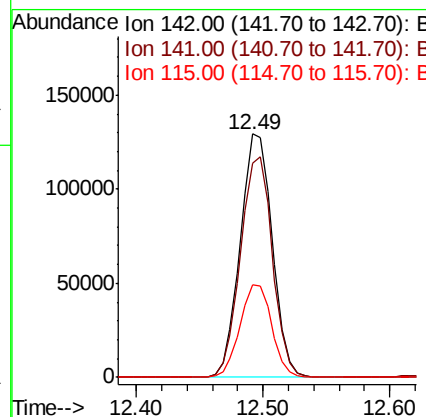
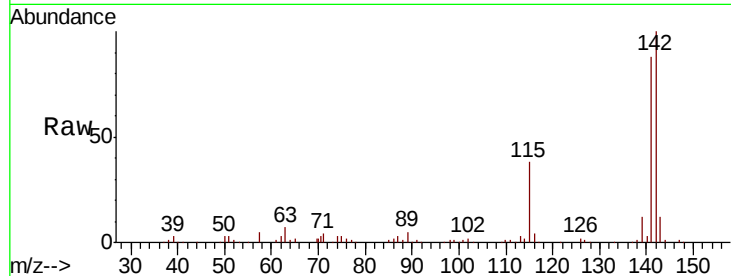
#37  
2-Methylnaphthalene  
Concen: 45.033 ng  
RT: 12.49 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.9  | 72.6  | 109.0 |
| 115     | 37.8  | 31.1  | 46.7  |

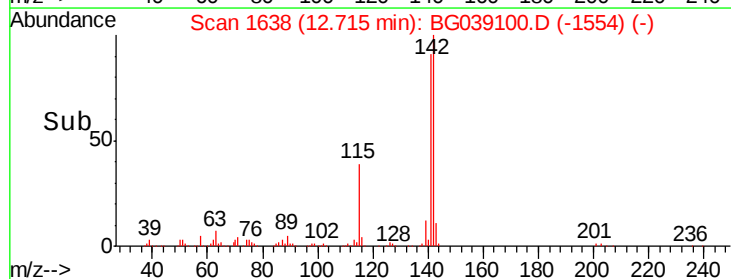
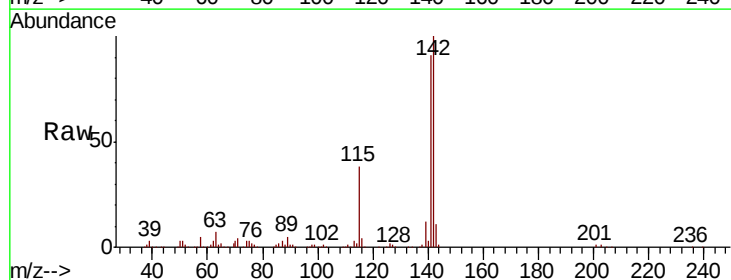
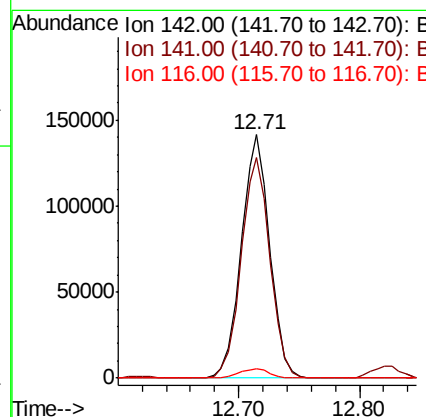
Manual Integrations  
APPROVED

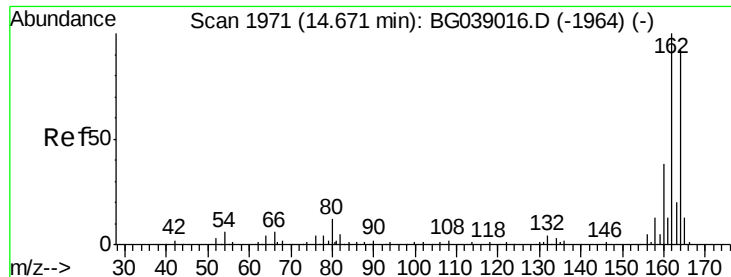
Sohil  
1/17/2019 4:56:24 PM



#38  
1-Methylnaphthalene  
Concen: 47.847 ng  
RT: 12.71 min Scan# 1638  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 73.3  | 109.9 |
| 116     | 4.0   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

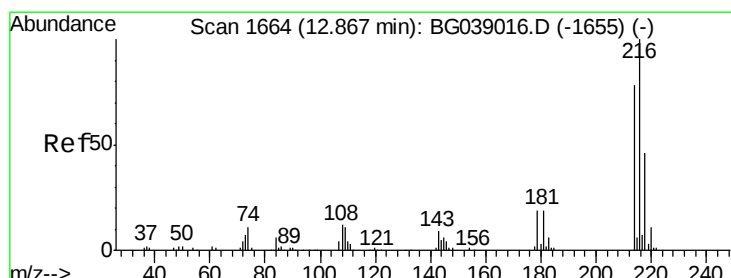
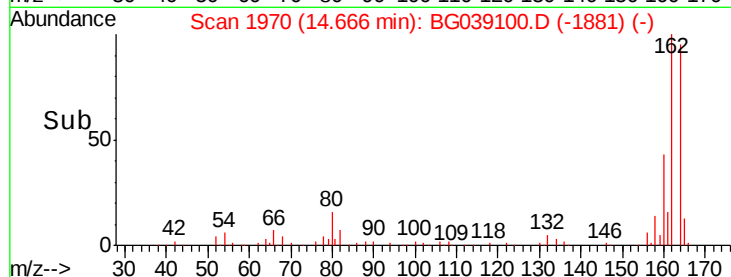
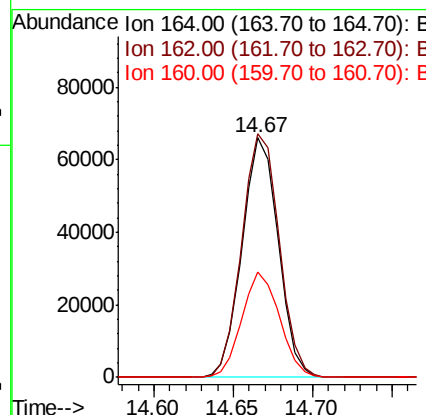
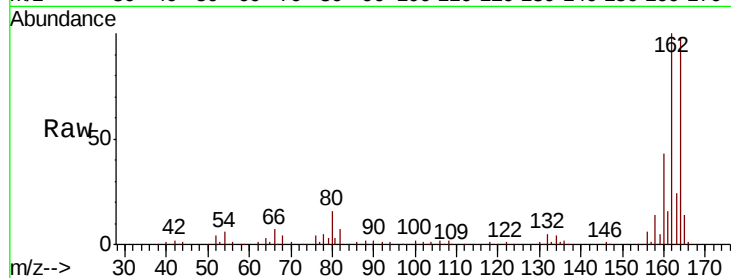
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 104761 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.6 | 87.2  | 130.8  |
| 160       | 44.2  | 33.3  | 49.9   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.460 ng

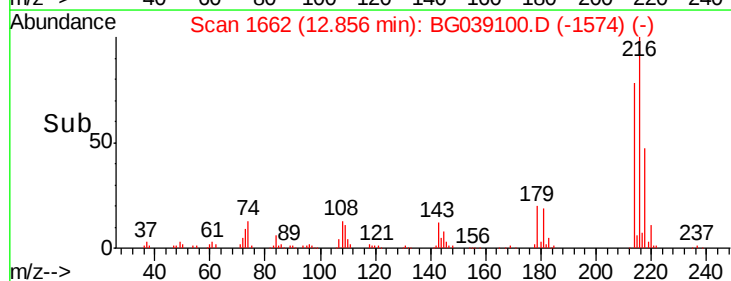
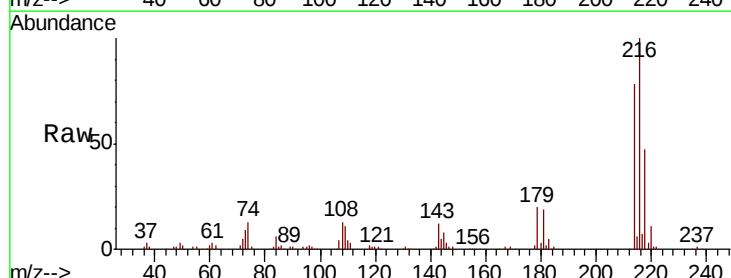
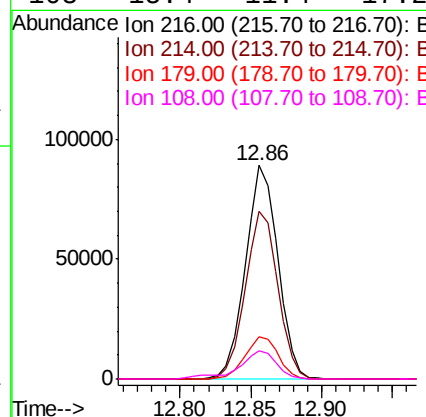
RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 143447 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.7  | 63.4  | 95.2   |
| 179       | 20.1  | 15.5  | 23.3   |
| 108       | 15.4  | 11.4  | 17.2   |





#41

Hexachlorocyclopentadiene

Concen: 53.253 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

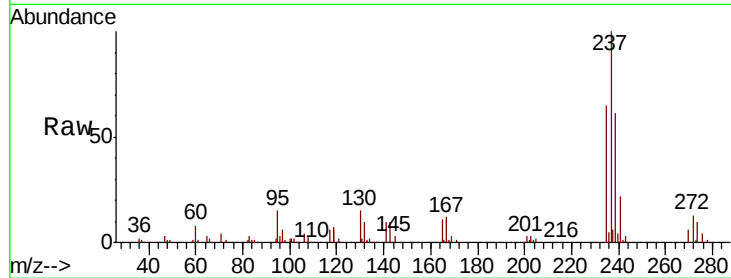
ClientSampleId :

CPSB-14(15-20)MS

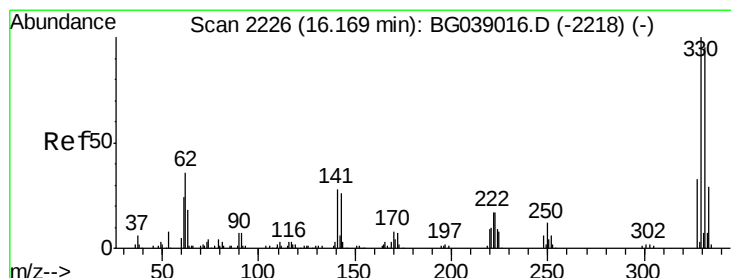
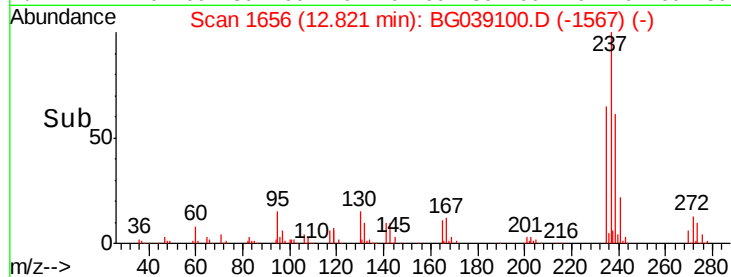
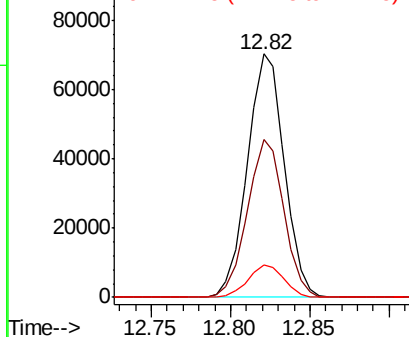
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 113424 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.7  | 41.7  | 81.7   |
| 272       | 13.3  | 0.0   | 32.1   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.794 ng

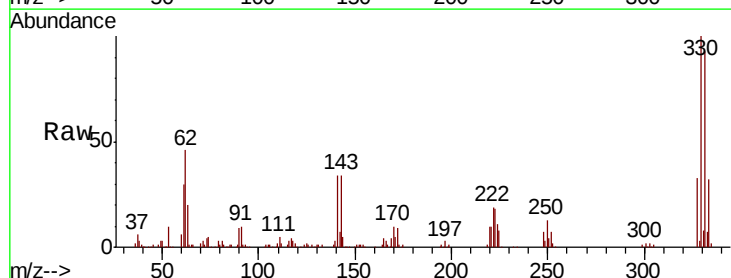
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

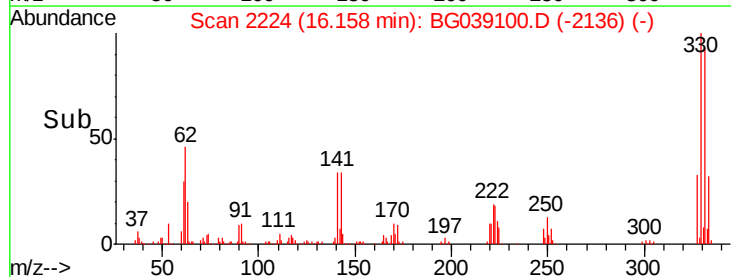
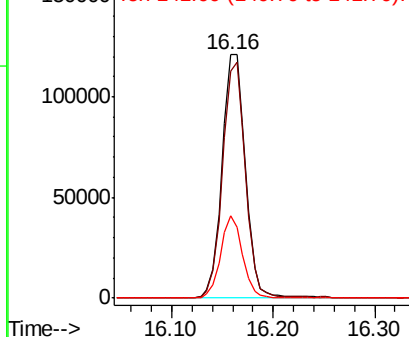
Lab File: BG039100.D

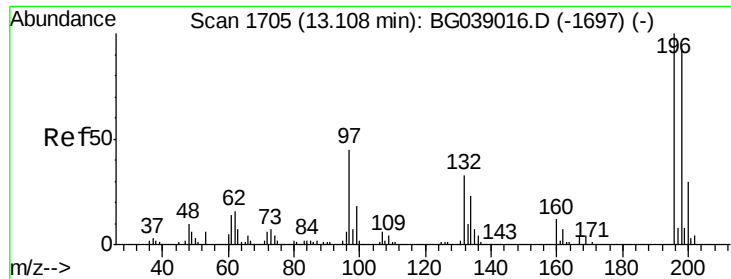
Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 194564 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.1  | 75.7  | 113.5  |
| 141       | 31.4  | 24.9  | 37.3   |



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





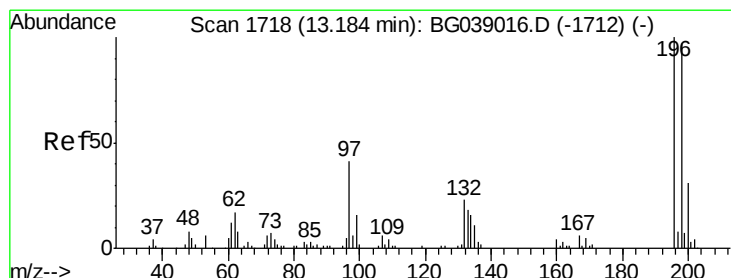
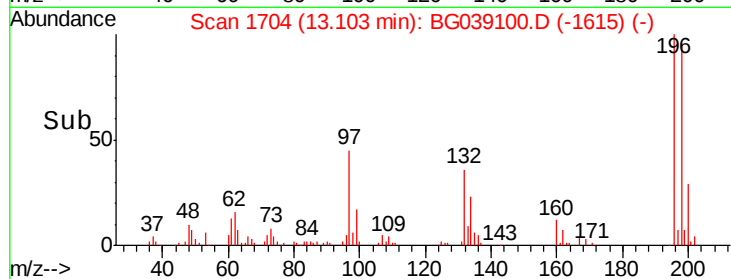
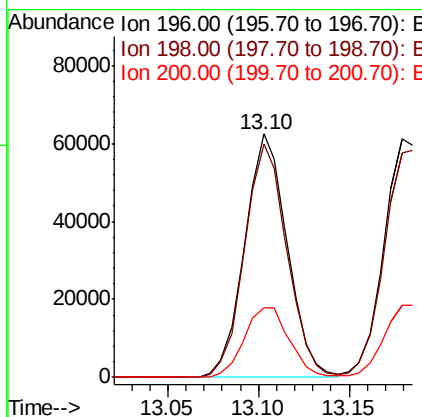
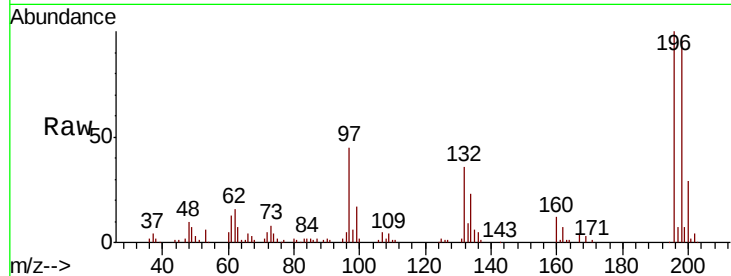
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.086 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 101738 |       |       |
| 198     | 95.8  | 74.5   | 111.7 |       |
| 200     | 28.7  | 23.8   | 35.6  |       |

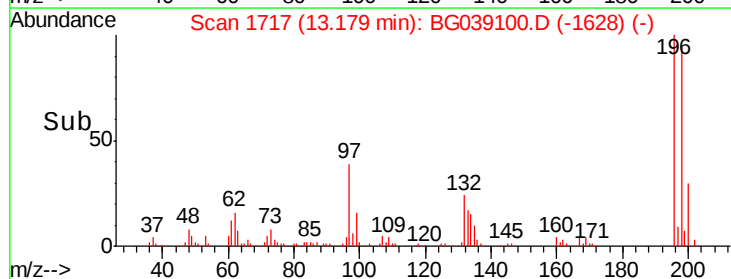
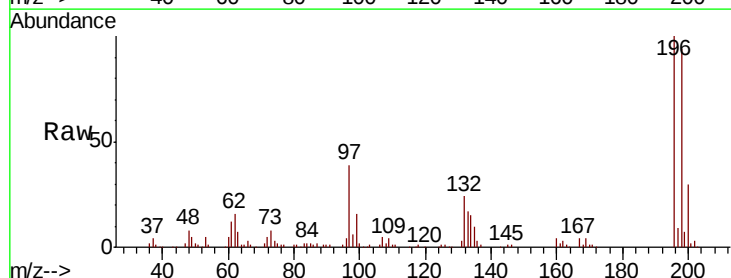
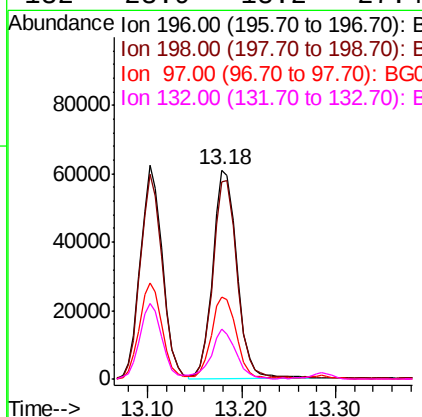
Manual Integrations  
 APPROVED

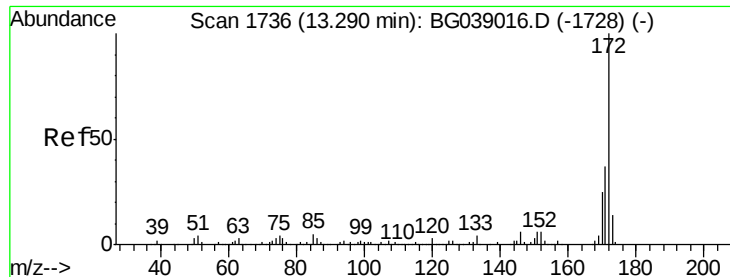
Sohil  
 1/17/2019 4:56:24 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.280 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 110653 |       |       |
| 198     | 94.1  | 78.1   | 117.1 |       |
| 97      | 39.1  | 33.2   | 49.8  |       |
| 132     | 23.9  | 18.2   | 27.4  |       |





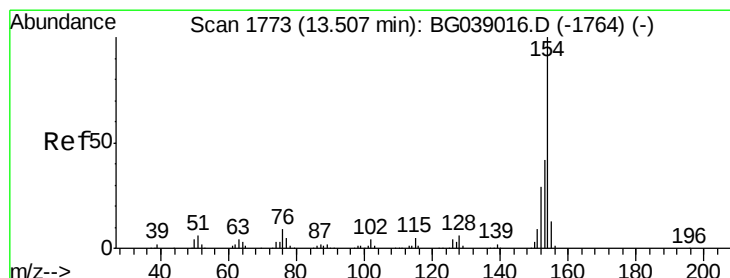
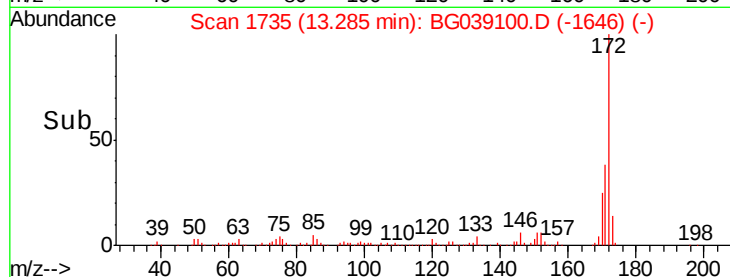
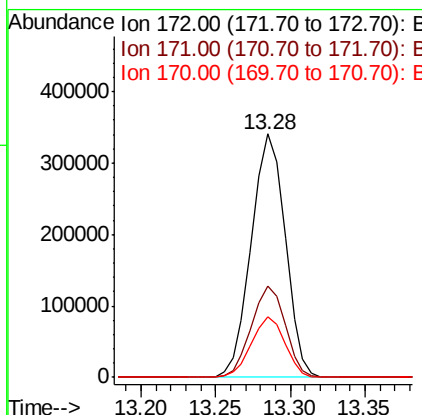
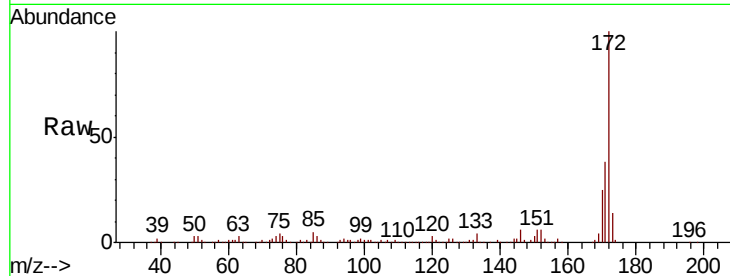
#45  
2-Fluorobiphenyl  
Concen: 70.174 ng  
RT: 13.28 min Scan# 1735  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.5  | 29.4  | 44.0  |
| 170     | 24.9  | 20.1  | 30.1  |

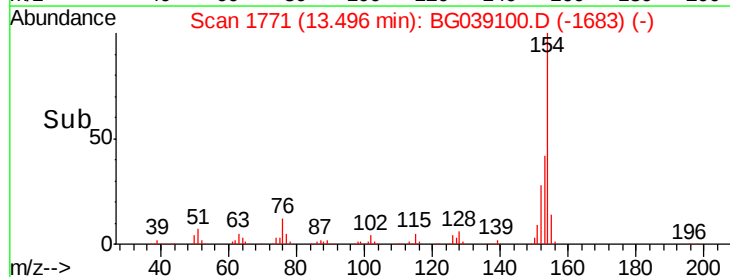
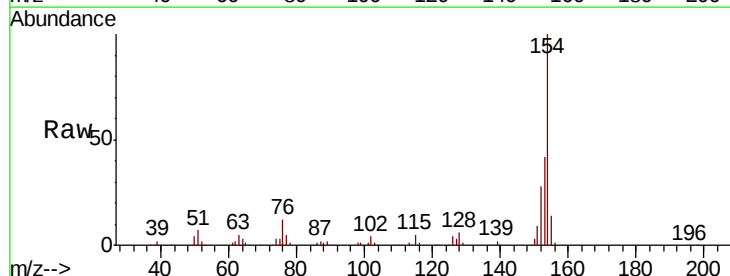
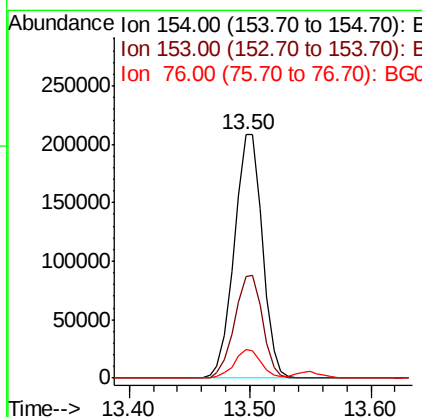
Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#46  
1,1'-Biphenyl  
Concen: 40.710 ng  
RT: 13.50 min Scan# 1771  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.8  | 22.4  | 62.4  |
| 76      | 12.0  | 0.0   | 29.4  |





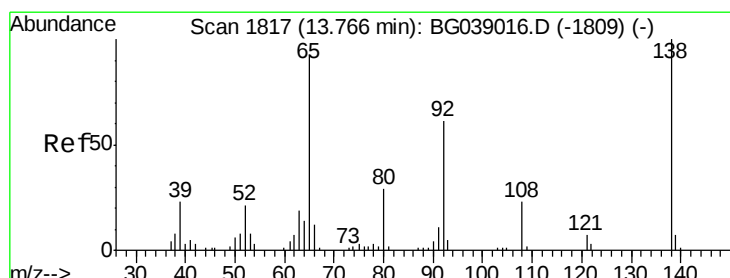
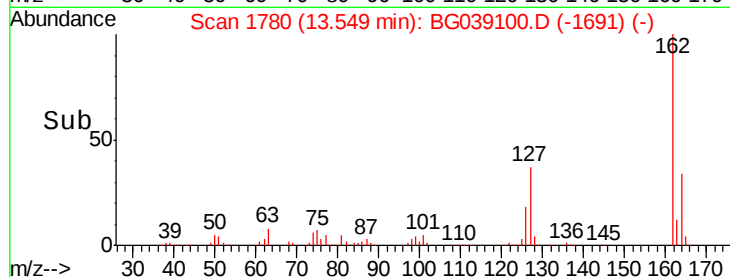
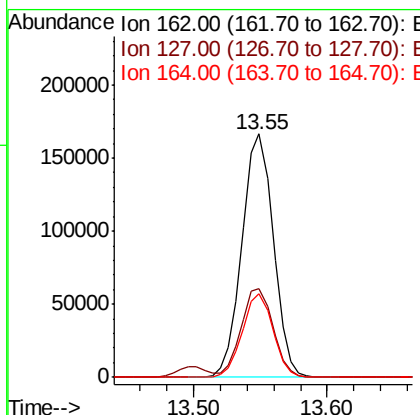
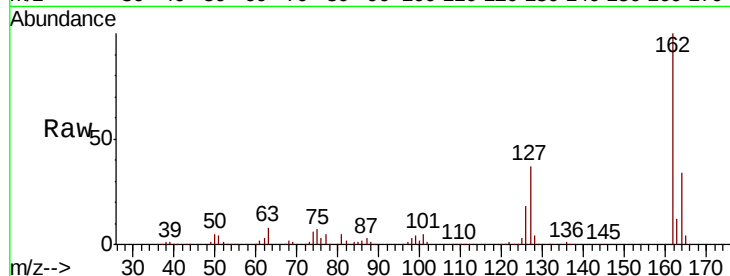
#47  
 2-Chloronaphthalene  
 Concen: 40.399 ng  
 RT: 13.55 min Scan# 1780  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.7  | 28.4  | 42.6  |
| 164     | 34.1  | 26.3  | 39.5  |

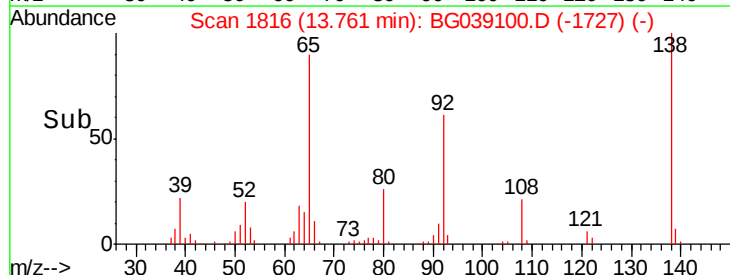
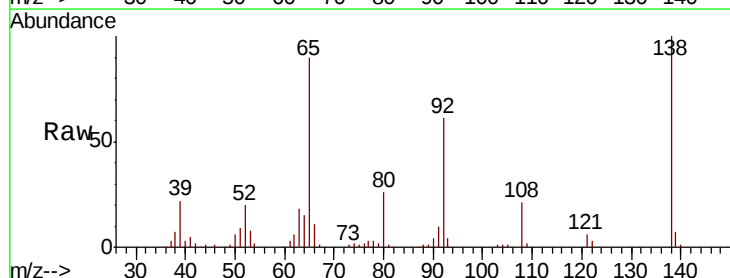
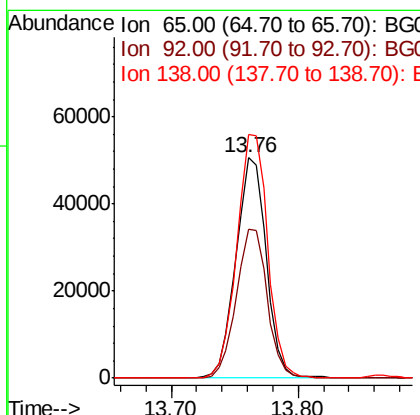
Manual Integrations  
 APPROVED

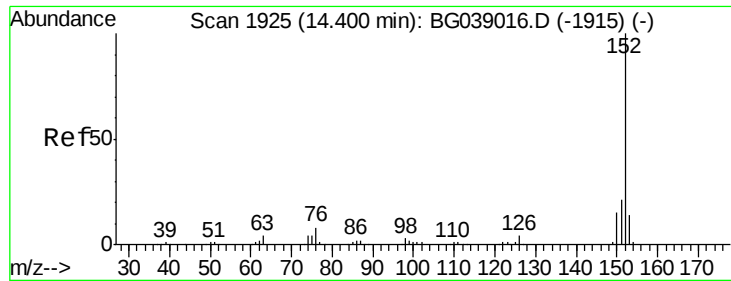
Sohil  
 1/17/2019 4:56:24 PM



#48  
 2-Nitroaniline  
 Concen: 44.342 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.4  | 52.2  | 78.4  |
| 138     | 110.5 | 86.0  | 129.0 |





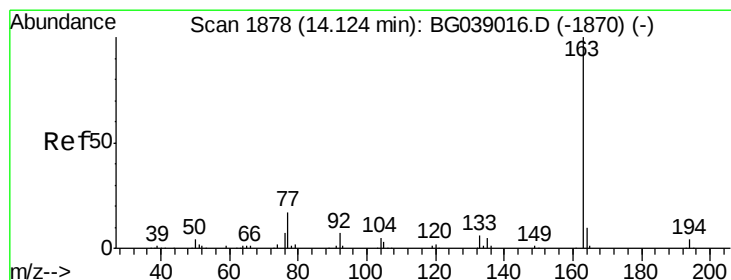
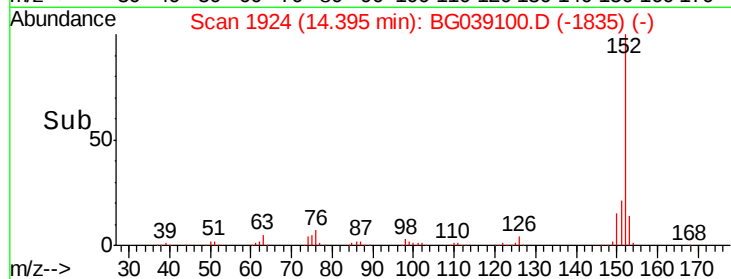
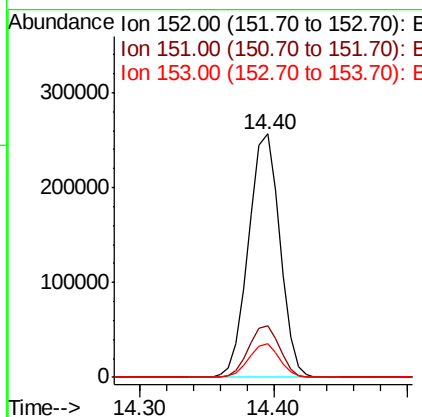
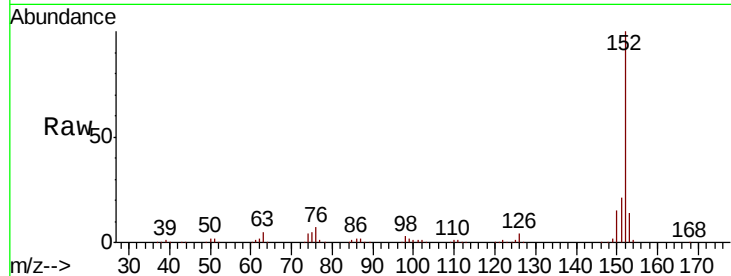
#49  
Acenaphthylene  
Concen: 41.052 ng  
RT: 14.40 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 414487 |       |       |
| 151     | 21.4 | 17.0  | 25.4   |       |       |
| 153     | 13.6 | 11.2  | 16.8   |       |       |

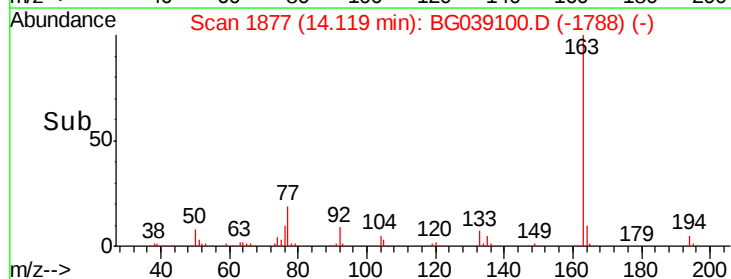
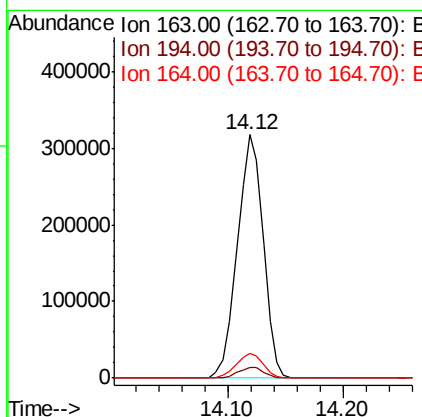
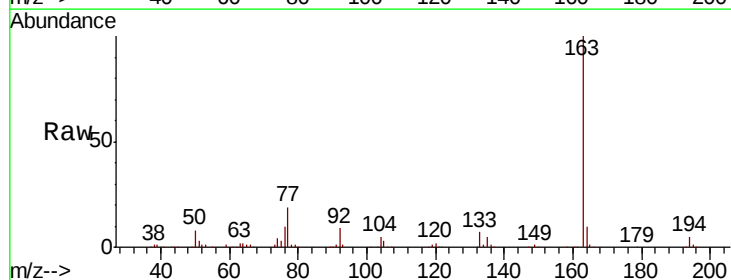
Manual Integrations  
APPROVED

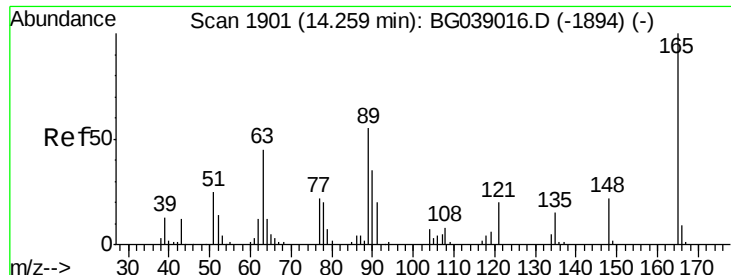
Sohil  
1/17/2019 4:56:24 PM



#50  
Dimethylphthalate  
Concen: 55.548 ng  
RT: 14.12 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 491758 |       |       |
| 194     | 4.6  | 3.6   | 5.4    |       |       |
| 164     | 10.3 | 8.2   | 12.2   |       |       |





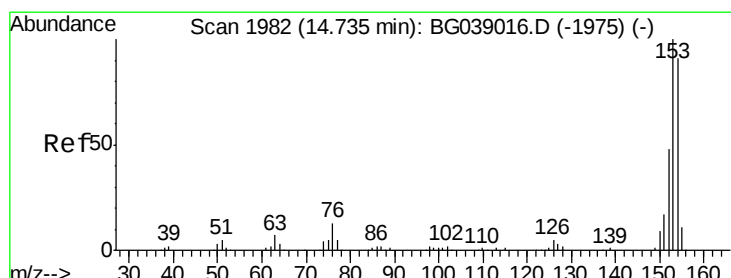
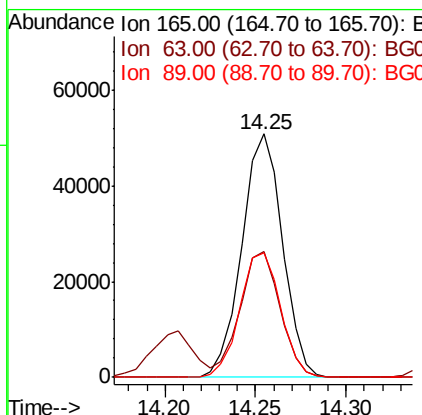
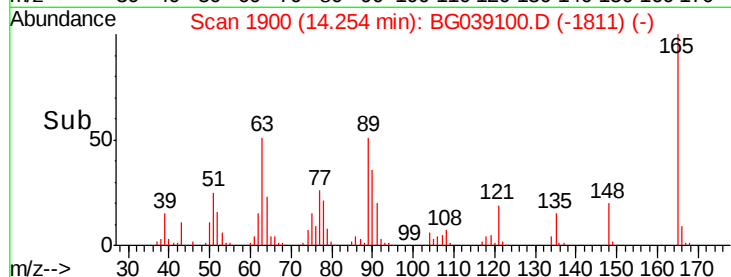
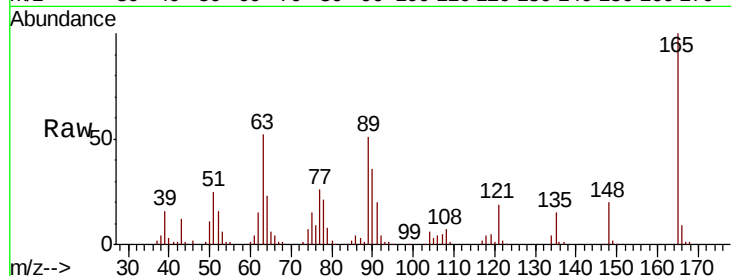
#51  
2,6-Dinitrotoluene  
Concen: 39.914 ng  
RT: 14.25 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.7  | 43.6  | 65.4  |
| 89      | 51.0  | 43.7  | 65.5  |

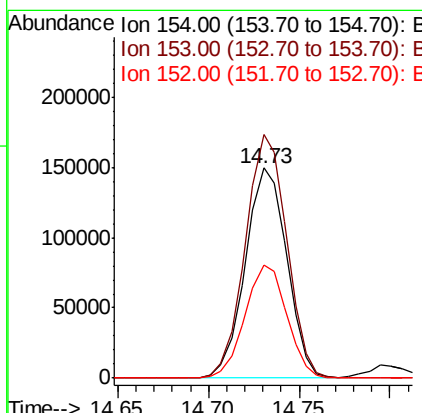
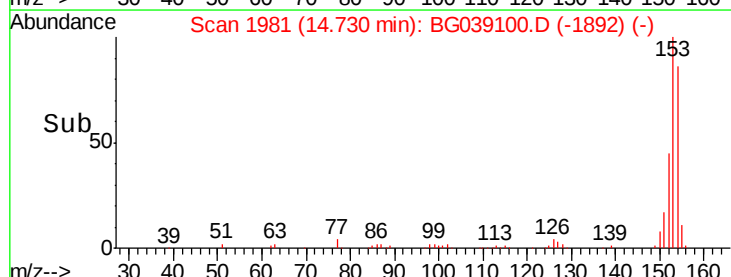
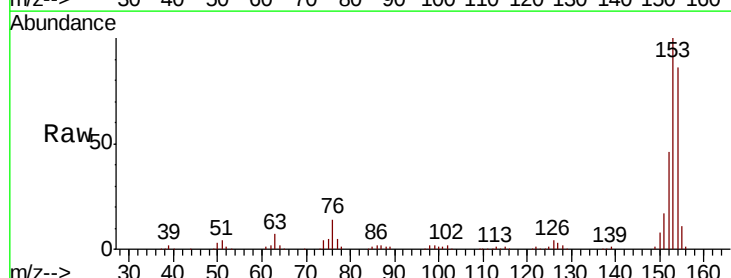
Manual Integrations  
APPROVED

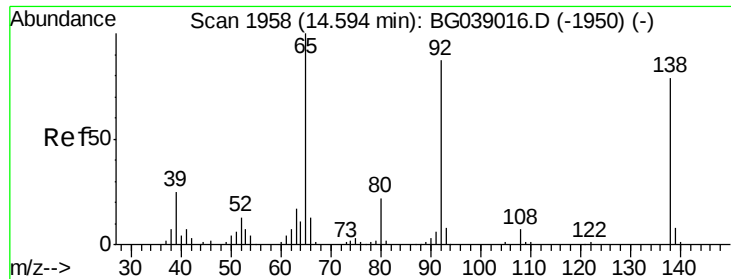
Sohil  
1/17/2019 4:56:24 PM



#52  
Acenaphthene  
Concen: 39.364 ng  
RT: 14.73 min Scan# 1981  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.0 | 87.9  | 131.9 |
| 152     | 53.7  | 42.2  | 63.2  |





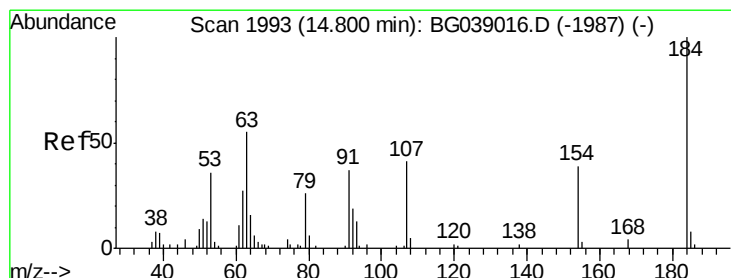
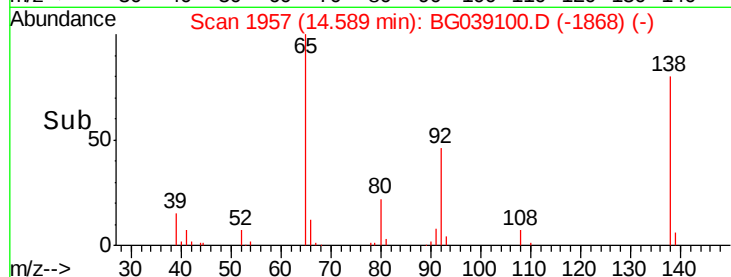
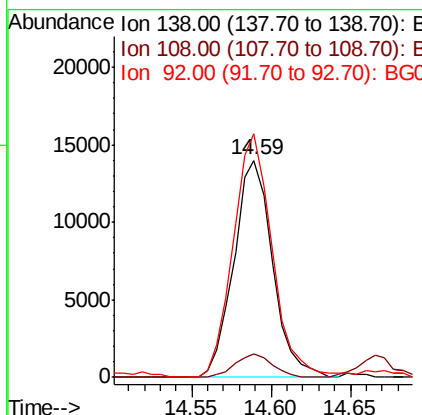
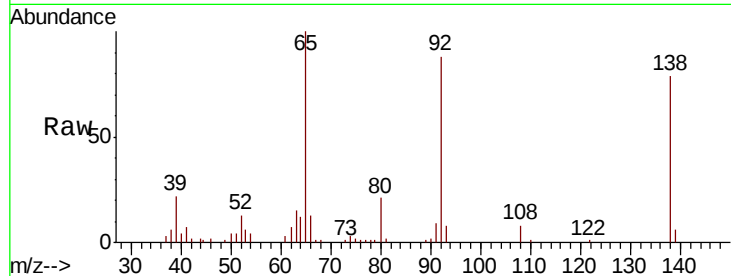
#53  
3-Nitroaniline  
Concen: 11.841 ng  
RT: 14.59 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.7  | 7.4   | 11.0  |
| 92      | 112.3 | 88.2  | 132.4 |

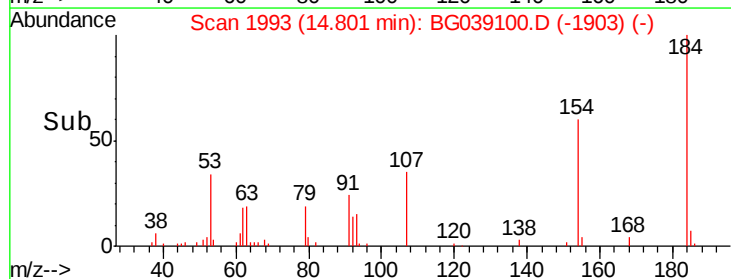
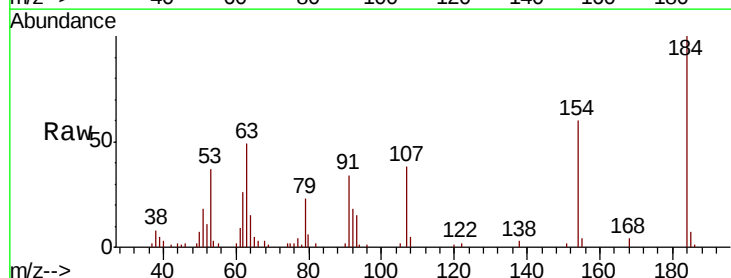
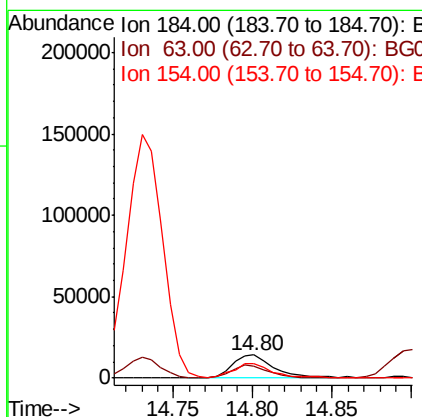
Manual Integrations  
APPROVED

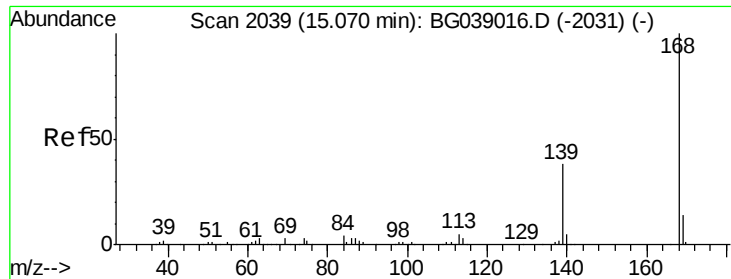
Sohil  
1/17/2019 4:56:24 PM



#54  
2,4-Dinitrophenol  
Concen: 25.347 ng  
RT: 14.80 min Scan# 1993  
Delta R.T. 0.00 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 48.7  | 44.0  | 66.0  |
| 154     | 59.8  | 46.1  | 69.1  |





#55

Dibenzenofuran

Concen: 39.017 ng

RT: 15.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

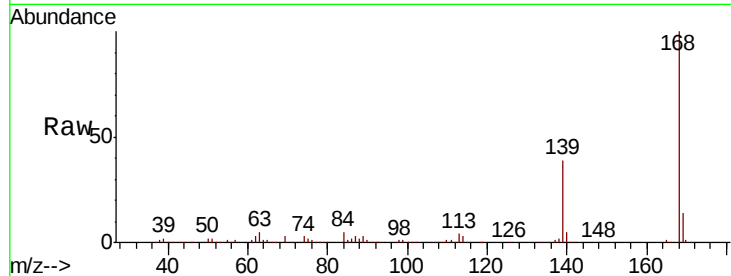
ClientSampleId :

CPSB-14(15-20)MS

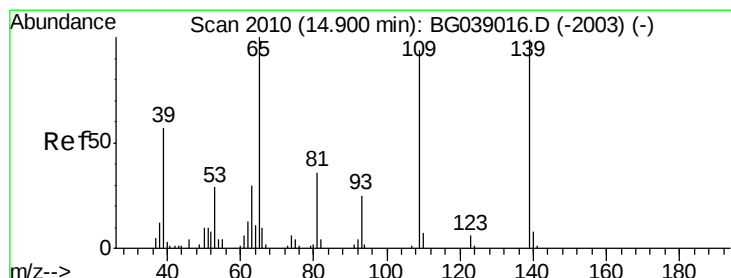
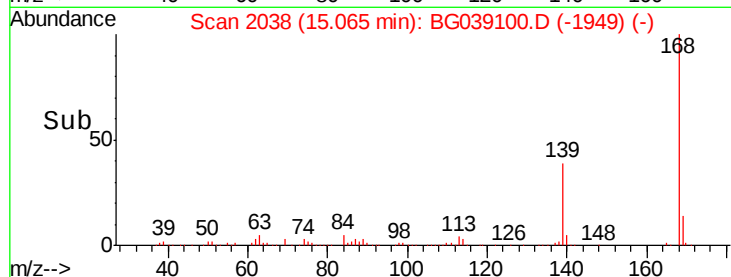
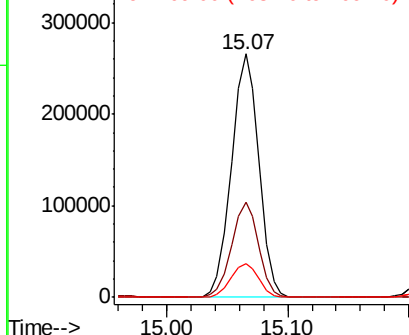
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 418027 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.1  | 30.1  | 45.1   |
| 169       | 13.9  | 10.9  | 16.3   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



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



#56

4-Nitrophenol

Concen: 70.157 ng

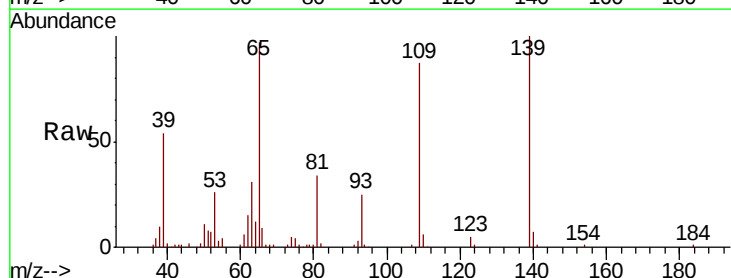
RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

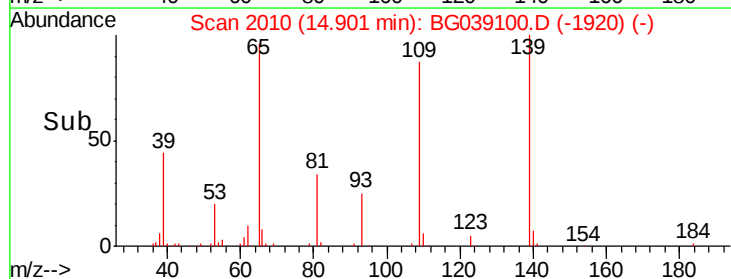
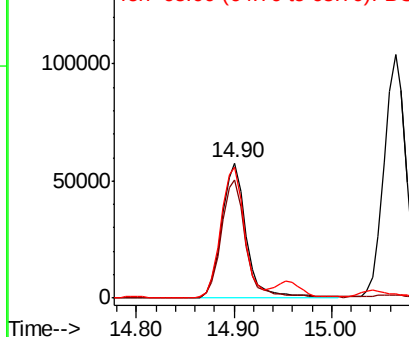
Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 101354 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 87.2  | 75.6  | 115.6  |
| 65        | 97.2  | 81.2  | 121.2  |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC





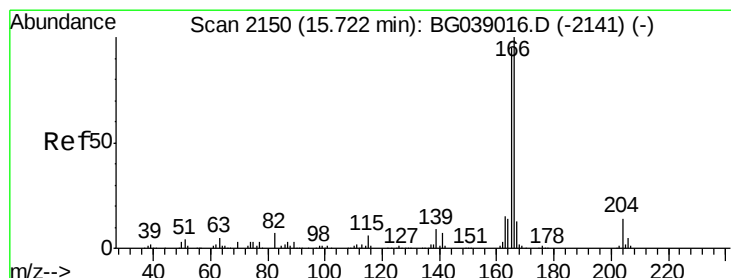
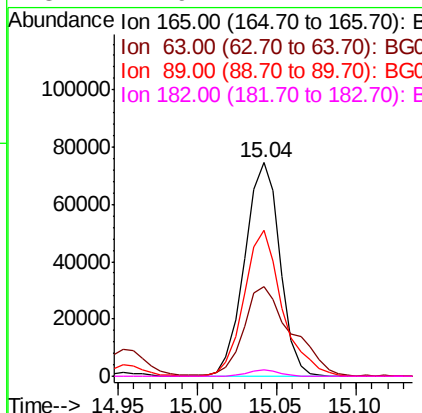
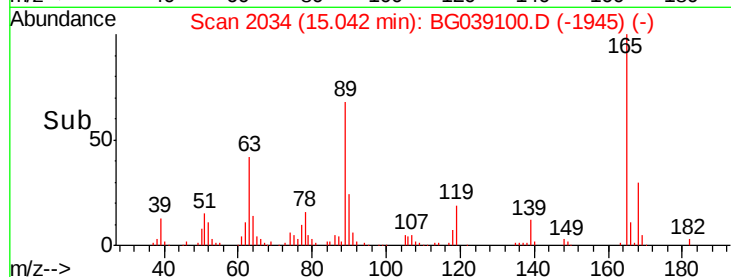
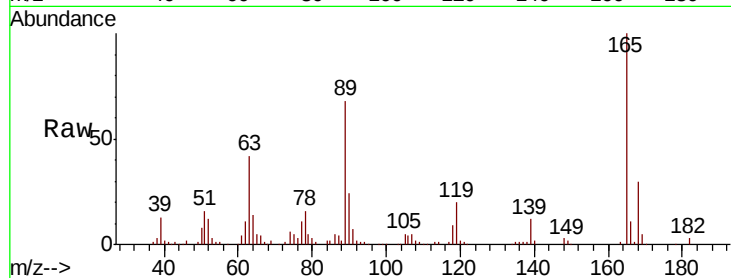
#57  
 2,4-Dinitrotoluene  
 Concen: 40.415 ng  
 RT: 15.04 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 114761 |       |       |
| 63      | 42.0  | 30.2   | 45.4  |       |
| 89      | 68.3  | 53.2   | 79.8  |       |
| 182     | 2.9   | 2.7    | 4.1   |       |

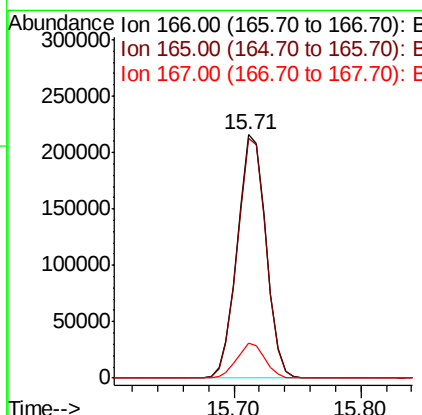
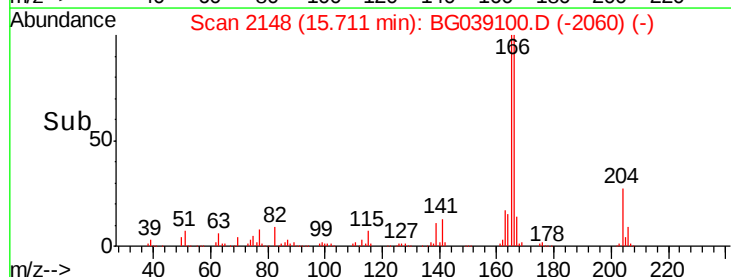
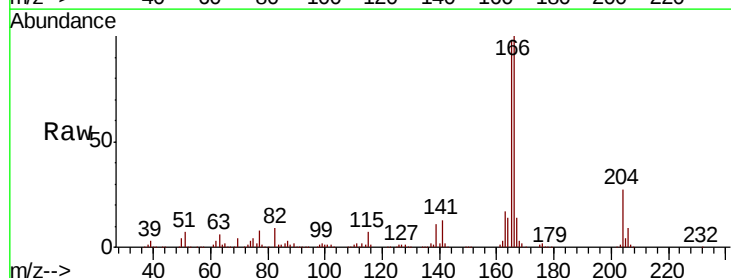
Manual Integrations  
 APPROVED

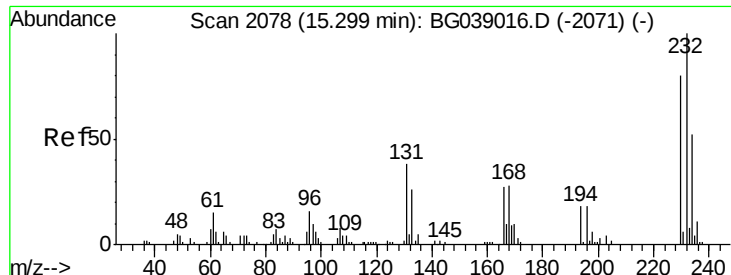
Sohil  
 1/17/2019 4:56:24 PM



#58  
 Fluorene  
 Concen: 41.844 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 337453 |       |       |
| 165     | 98.4  | 76.2   | 114.2 |       |
| 167     | 14.2  | 10.6   | 16.0  |       |





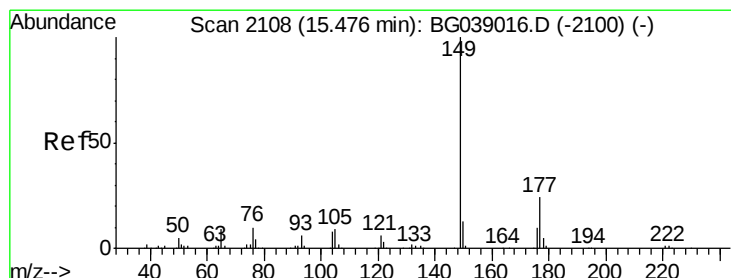
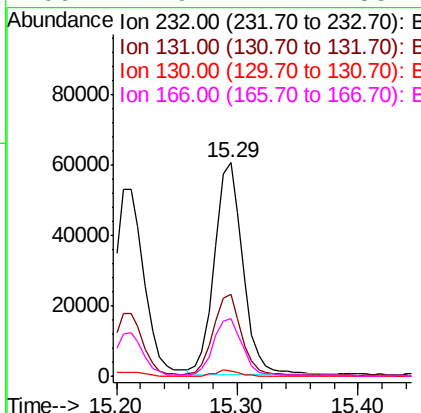
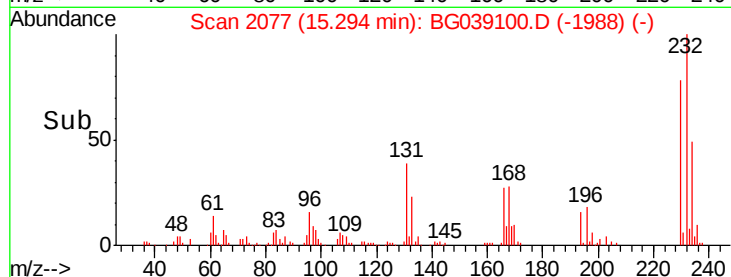
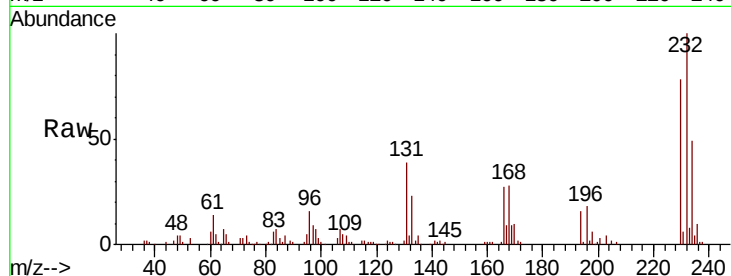
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.654 ng  
 RT: 15.29 min Scan# 2077  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 97964     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 38.7  | 30.9 46.3 |
| 130         | 2.3   | 1.9 2.9   |
| 166         | 27.6  | 22.1 33.1 |

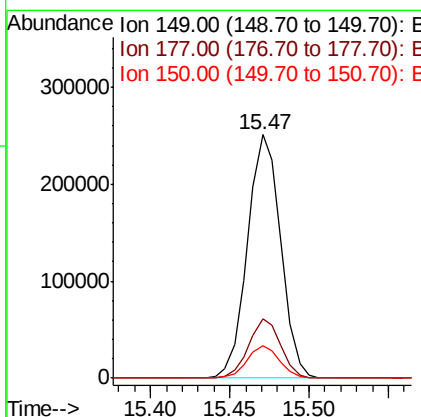
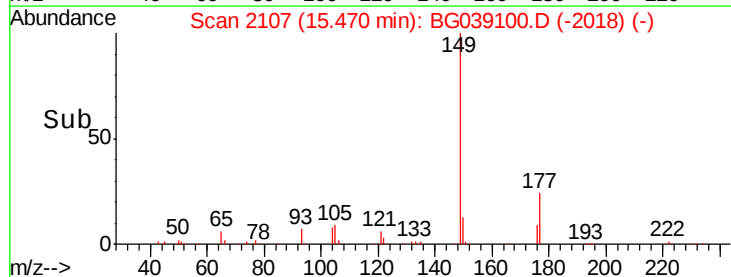
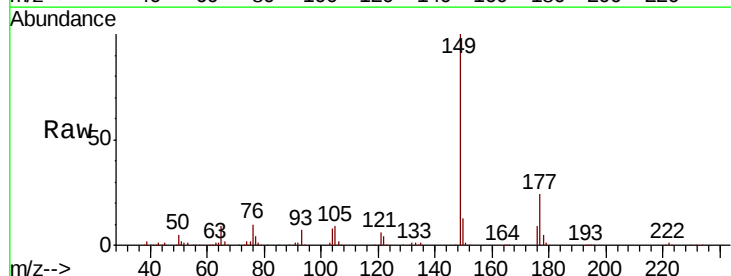
Manual Integrations  
 APPROVED

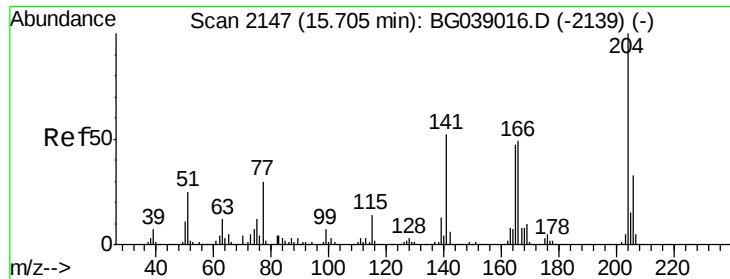
Sohil  
 1/17/2019 4:56:24 PM



#60  
 Diethylphthalate  
 Concen: 40.077 ng  
 RT: 15.47 min Scan# 2107  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 365548    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.3  | 19.0 28.6 |
| 150         | 13.1  | 10.2 15.4 |





#61

4-Chlorophenyl-phenylether

Concen: 36.887 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

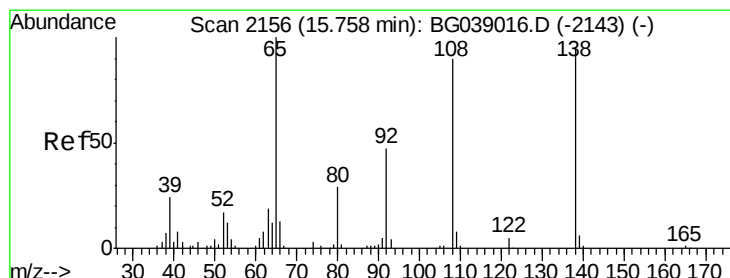
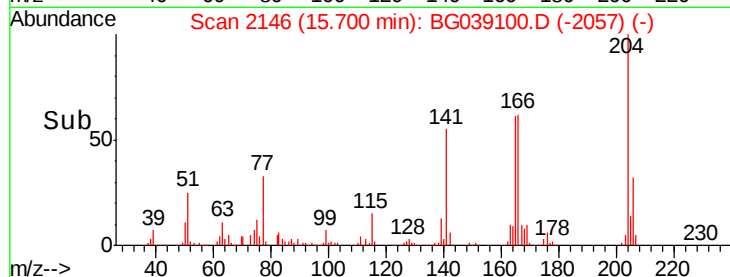
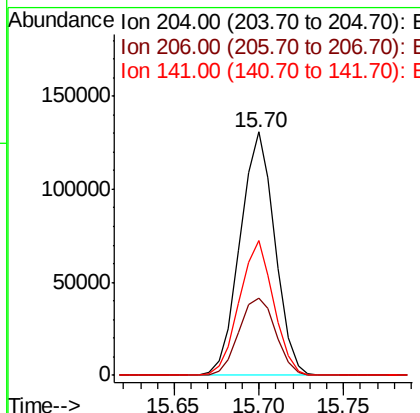
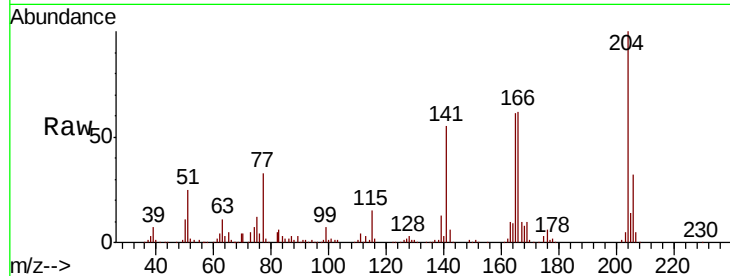
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 187412 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 31.9  | 26.6  | 39.8   |
| 141       | 55.3  | 41.4  | 62.0   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#62

4-Nitroaniline

Concen: 35.768 ng

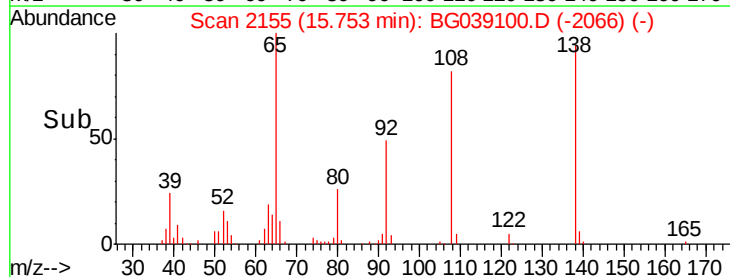
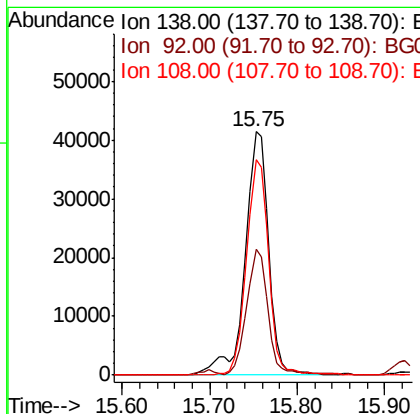
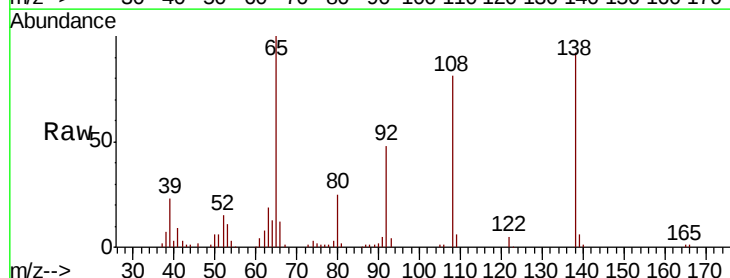
RT: 15.75 min Scan# 2155

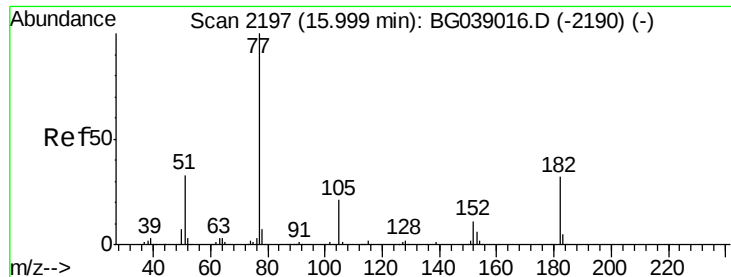
Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 74813 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 51.7  | 29.7  | 69.7  |
| 108       | 88.3  | 75.7  | 115.7 |





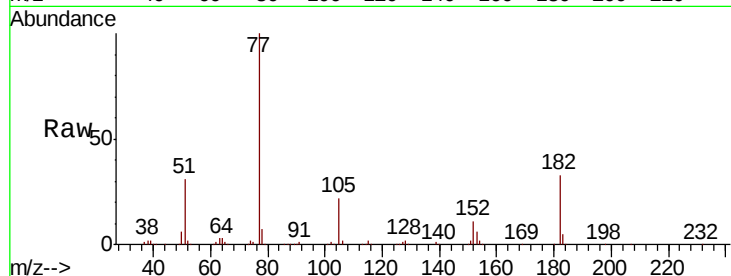
#63  
Azobenzene  
Concen: 41.081 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

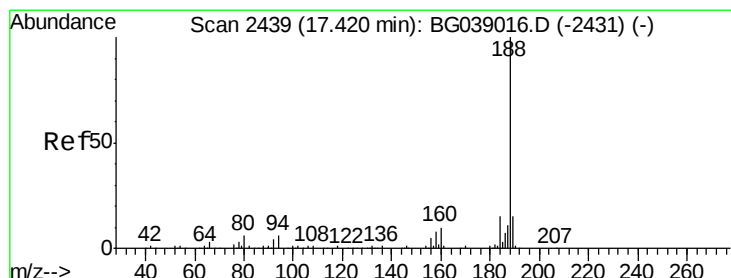
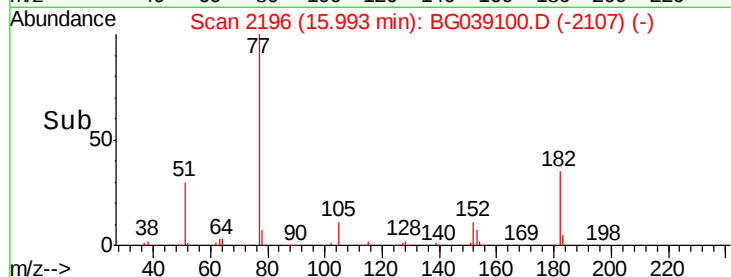
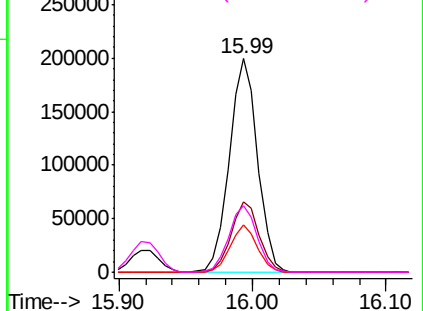
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 293025 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 33.0  | 12.2  | 52.2   |
| 105       | 22.2  | 1.2   | 41.2   |
| 51        | 31.4  | 13.4  | 53.4   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



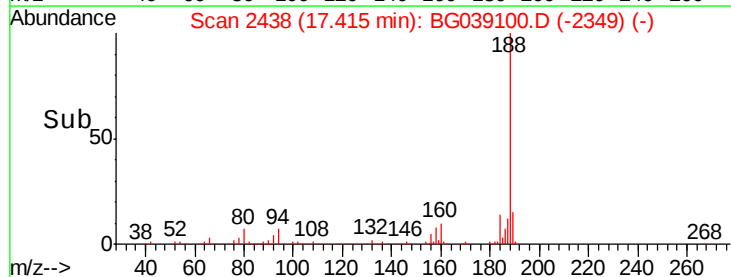
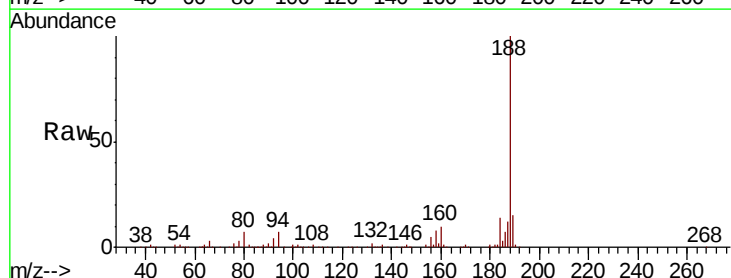
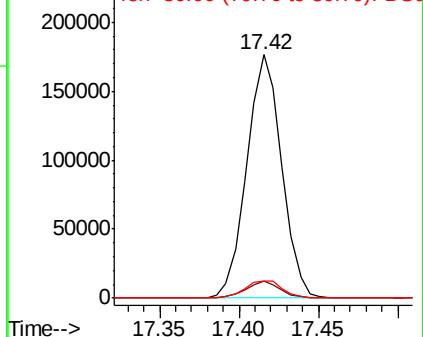
Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 269266 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.7   | 5.0   | 7.4    |
| 80        | 7.1   | 4.7   | 7.1#   |

Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 21.728 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

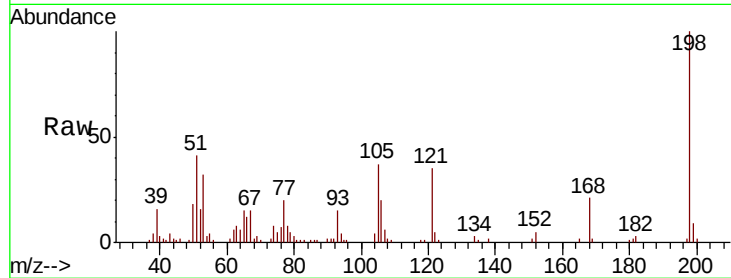
ClientSampleId :

CPSB-14(15-20)MS

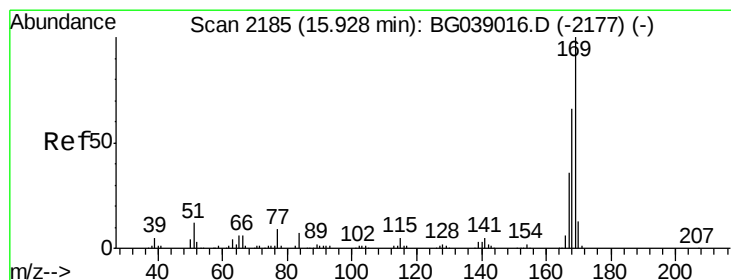
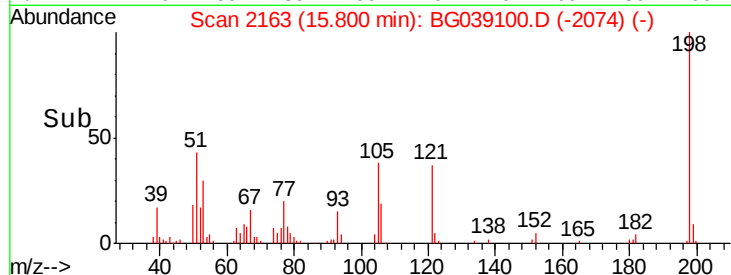
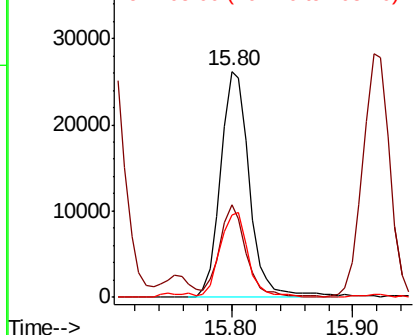
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 43345 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 40.8  | 20.8  | 60.8  |
| 105       | 36.5  | 16.1  | 56.1  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.108 ng

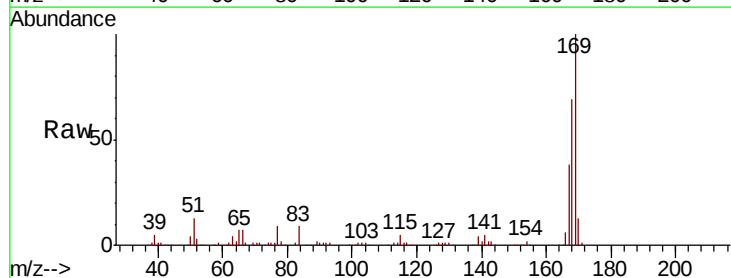
RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

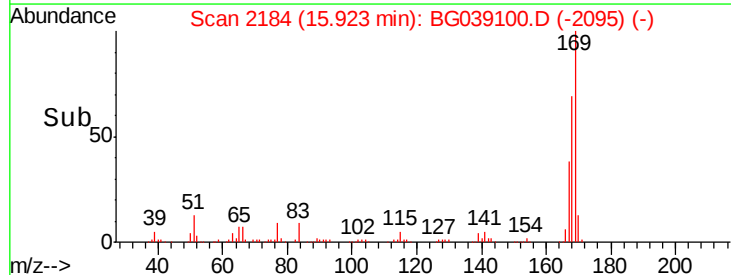
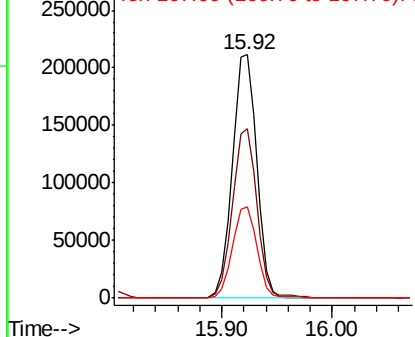
Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 328142 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.4  | 53.2  | 79.8   |
| 167       | 37.7  | 29.1  | 43.7   |



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





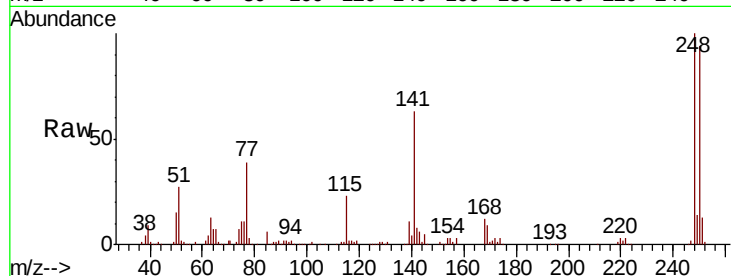
#67  
4-Bromophenyl-phenylether  
Concen: 38.332 ng  
RT: 16.60 min Scan# 2299  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.4  | 79.9  | 119.9 |
| 141     | 63.2  | 52.7  | 79.1  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM

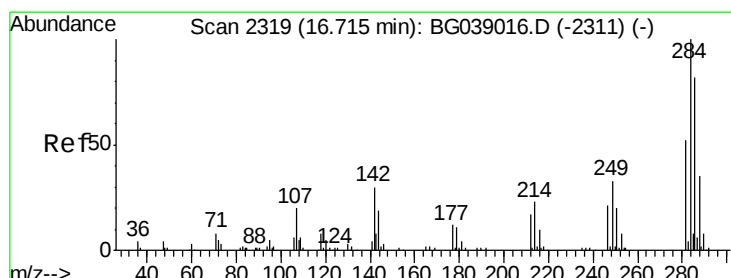
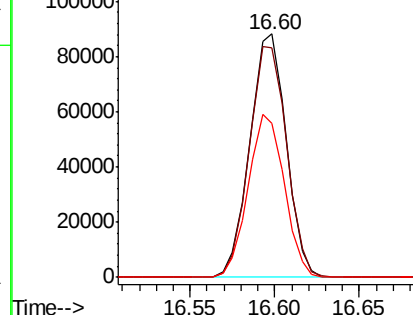
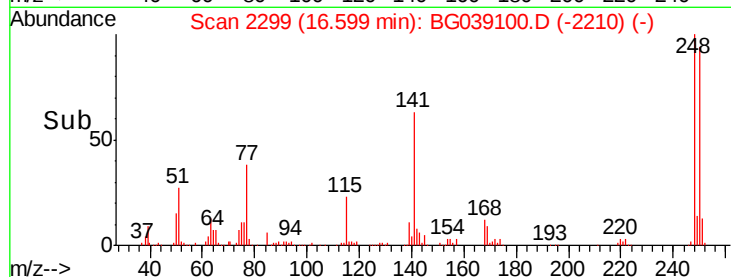


Abundance

Ion 248.00 (247.70 to 248.70): E

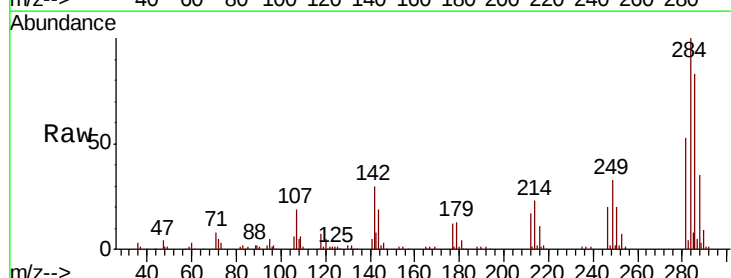
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 36.107 ng  
RT: 16.71 min Scan# 2318  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.0  | 24.3  | 36.5  |
| 249     | 34.9  | 27.8  | 41.8  |

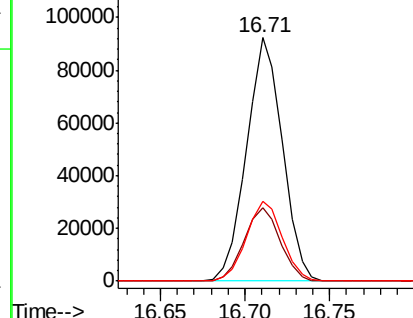
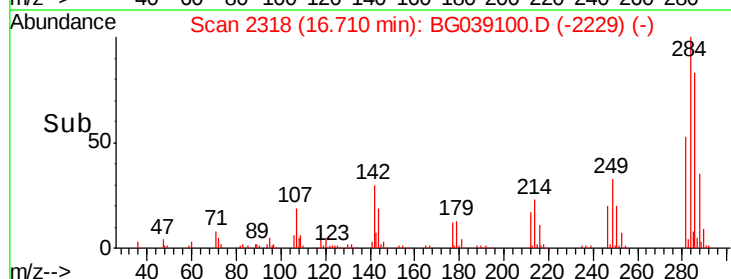


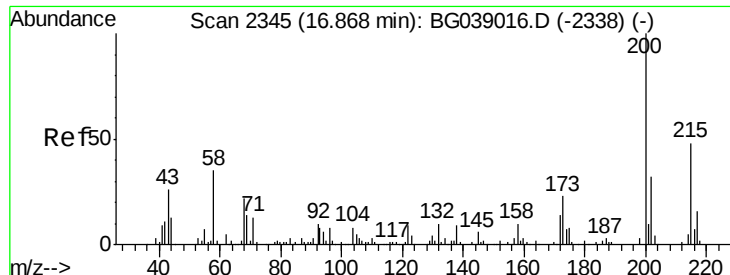
Abundance

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





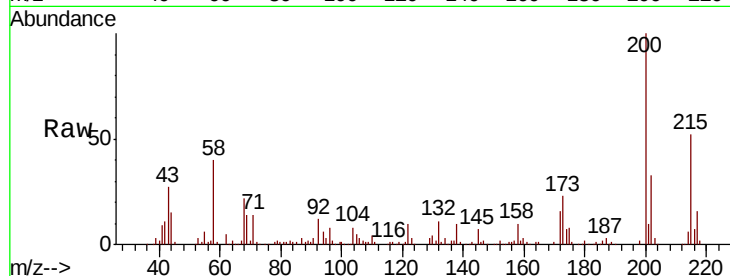
#69  
Atrazine  
Concen: 37.060 ng  
RT: 16.86 min Scan# 2344  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.0  | 2.6        | 42.6  |
| 215     | 51.6  | 28.0       | 68.0  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM

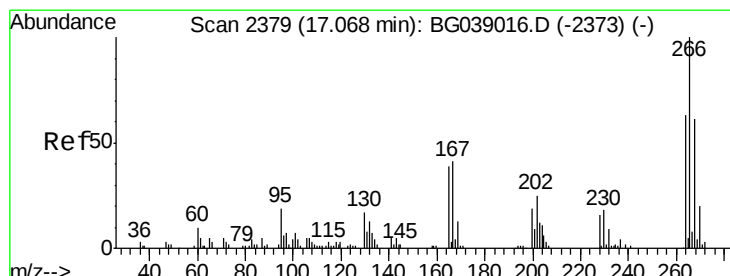
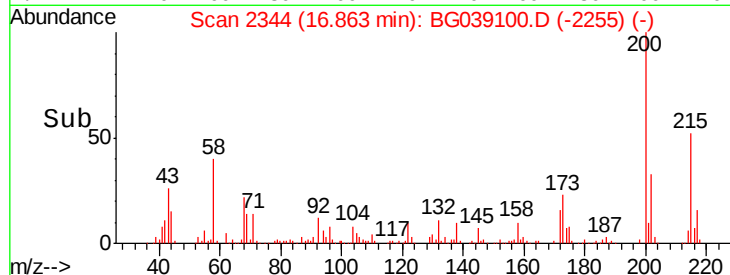
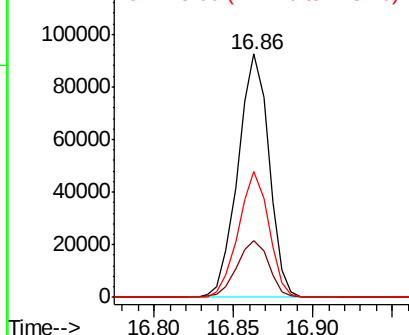


Abundance

Ion 200.00 (199.70 to 200.70): E

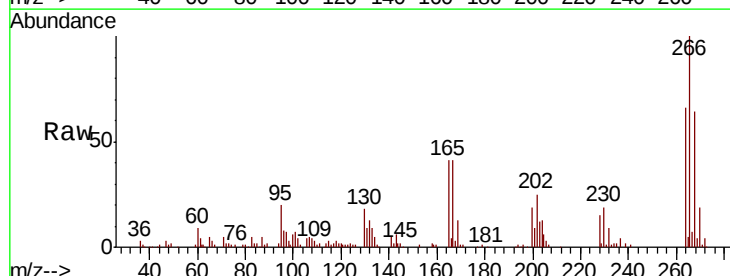
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 47.186 ng  
RT: 17.06 min Scan# 2378  
Delta R.T. -0.00 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.1  | 52.0       | 78.0  |
| 264     | 65.8  | 54.6       | 81.8  |

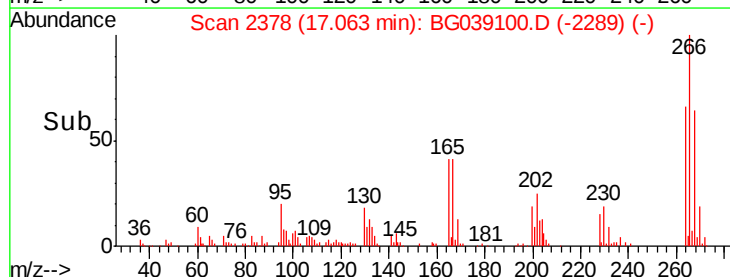
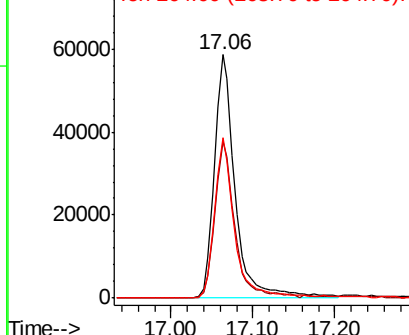


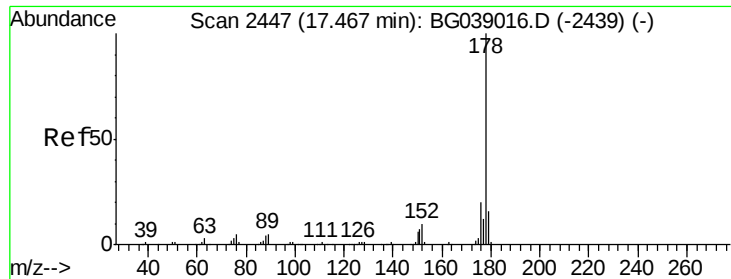
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





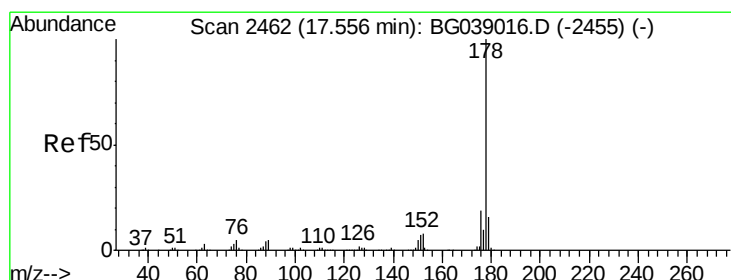
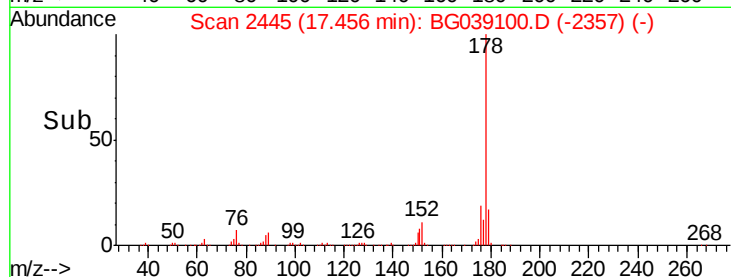
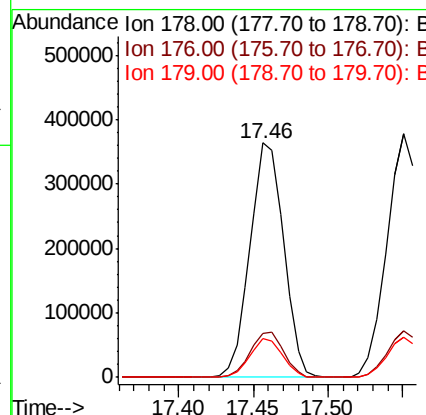
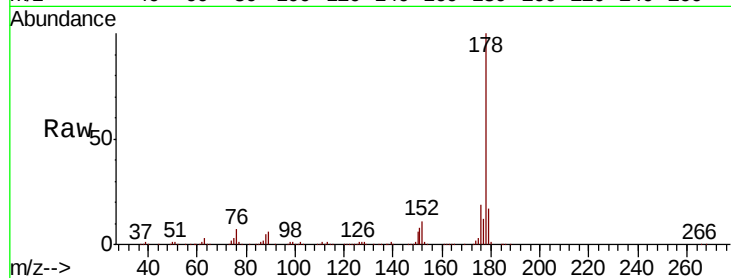
#71  
Phenanthrene  
Concen: 39.855 ng  
RT: 17.46 min Scan# 2445  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 18.8 | 15.7  | 23.5  |       |
| 179     | 16.7 | 12.9  | 19.3  |       |

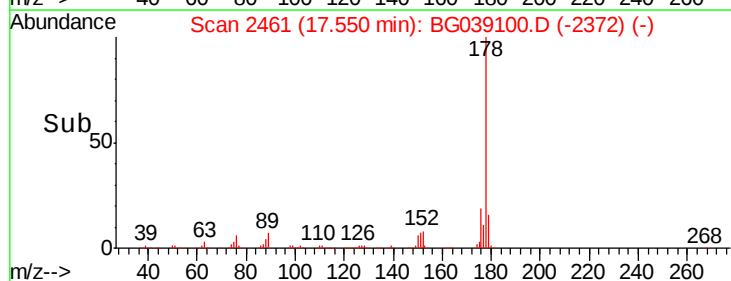
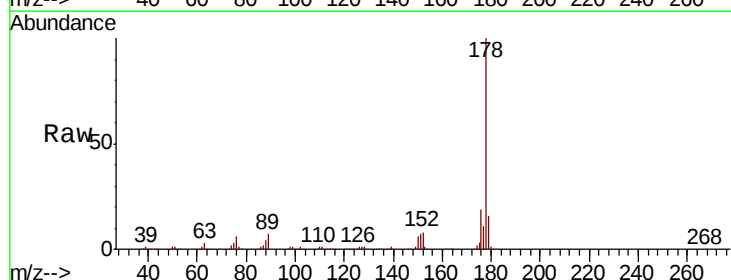
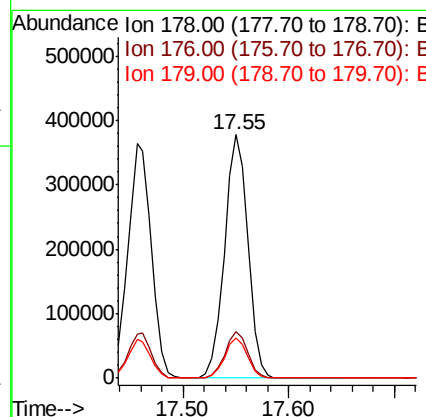
Manual Integrations  
APPROVED

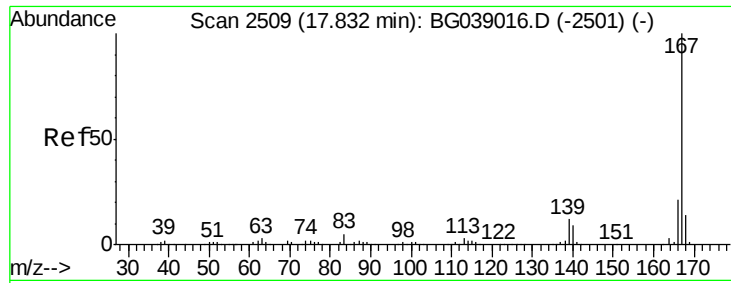
Sohil  
1/17/2019 4:56:24 PM



#72  
Anthracene  
Concen: 41.102 ng  
RT: 17.55 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 19.1 | 14.9  | 22.3  |       |
| 179     | 16.4 | 13.0  | 19.4  |       |





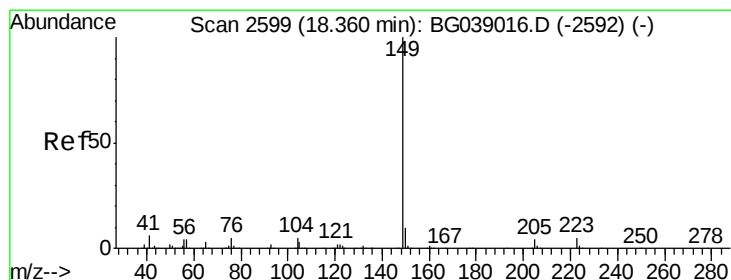
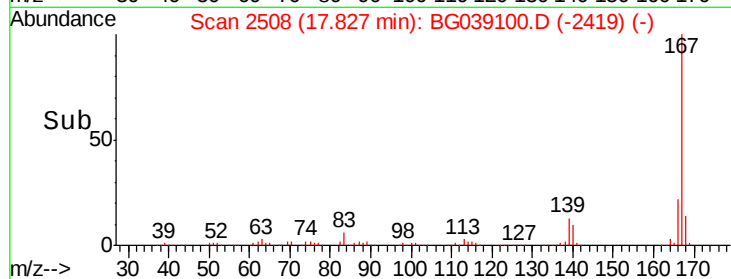
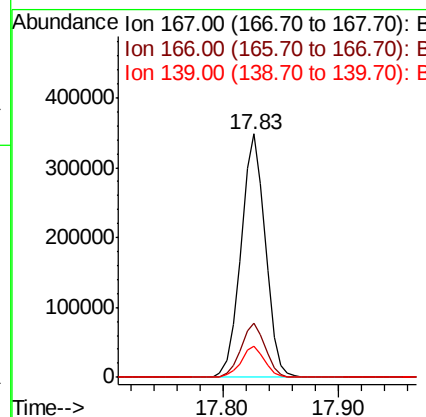
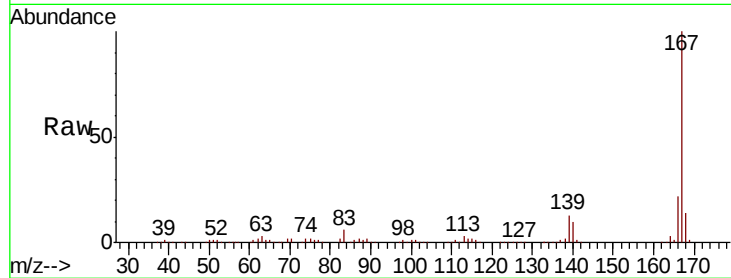
#73  
 Carbazole  
 Concen: 36.549 ng  
 RT: 17.83 min Scan# 2508  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 507727 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.1  | 16.9  | 25.3   |
| 139       | 12.6  | 10.0  | 15.0   |

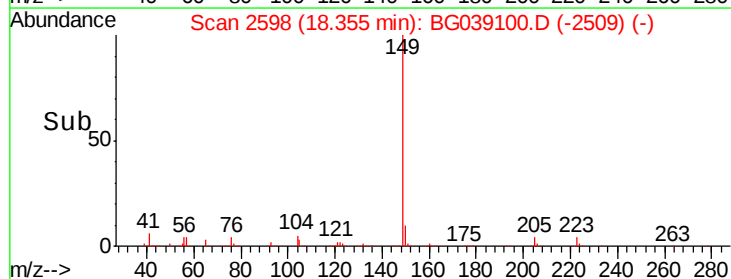
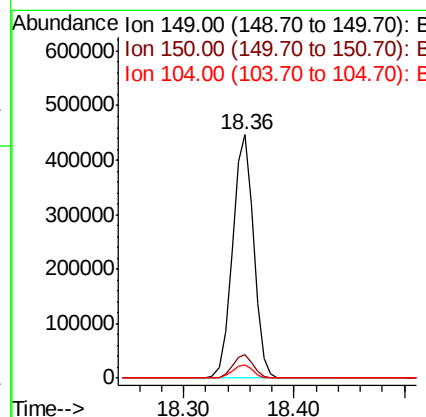
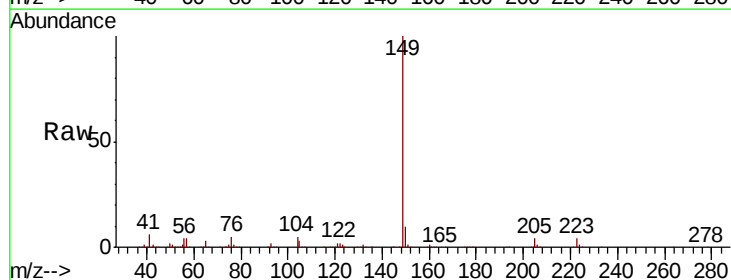
Manual Integrations  
 APPROVED

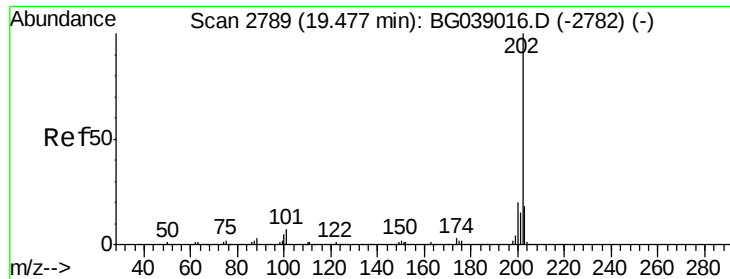
Sohil  
 1/17/2019 4:56:24 PM



#74  
 Di-n-butylphthalate  
 Concen: 38.533 ng  
 RT: 18.36 min Scan# 2598  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 595499 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 7.9   | 11.9   |
| 104       | 5.2   | 4.2   | 6.2    |





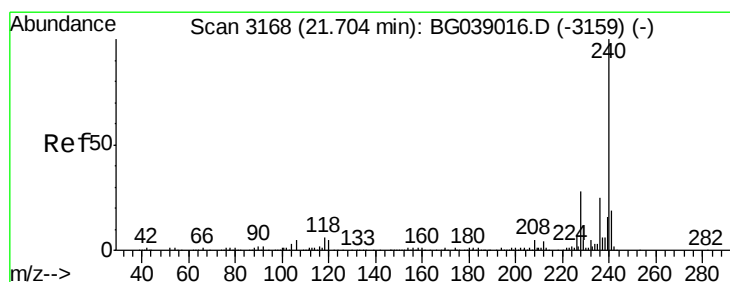
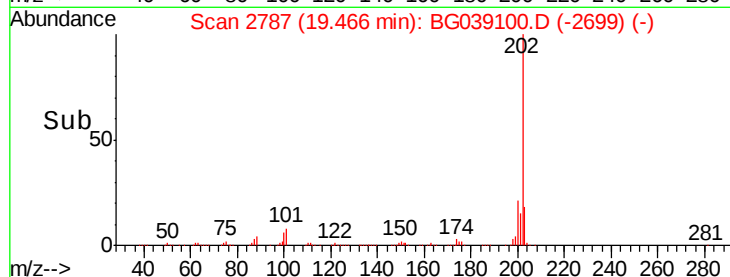
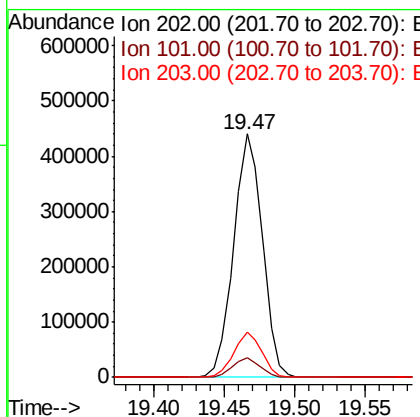
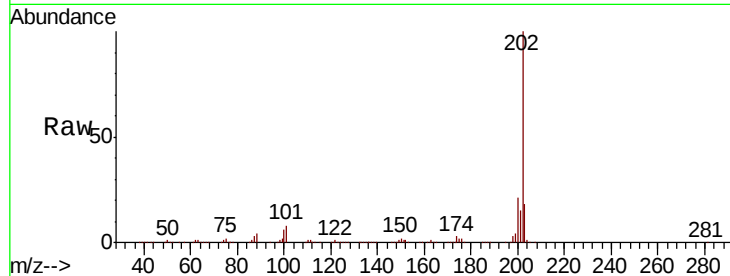
#75  
 Fluoranthene  
 Concen: 35.418 ng  
 RT: 19.47 min Scan# 2787  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPSB-14(15-20)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 8.1   | 0.0        | 26.9  |
| 203     | 18.4  | 0.0        | 38.1  |

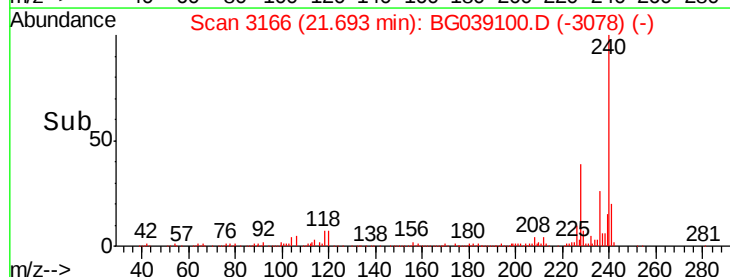
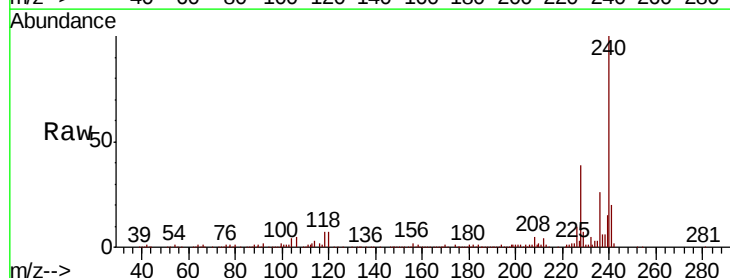
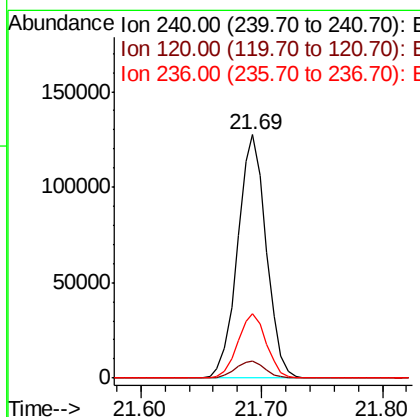
Manual Integrations  
 APPROVED

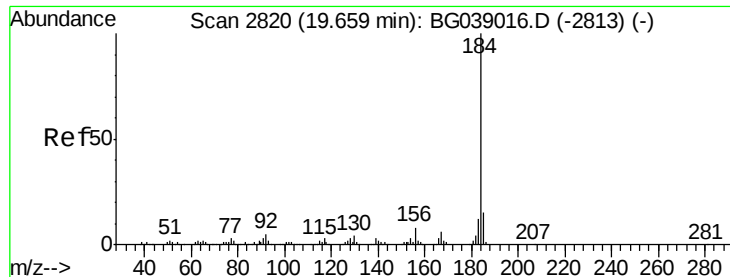
Sohil  
 1/17/2019 4:56:24 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG039100.D  
 Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 6.8   | 4.3        | 6.5#  |
| 236     | 26.5  | 20.1       | 30.1  |





#77

Benzidine

Concen: 18.771 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

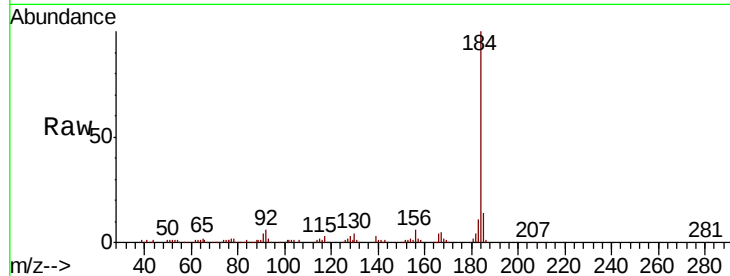
ClientSampleId :

CPSB-14(15-20)MS

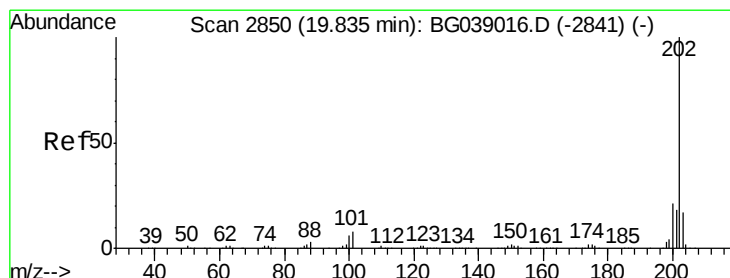
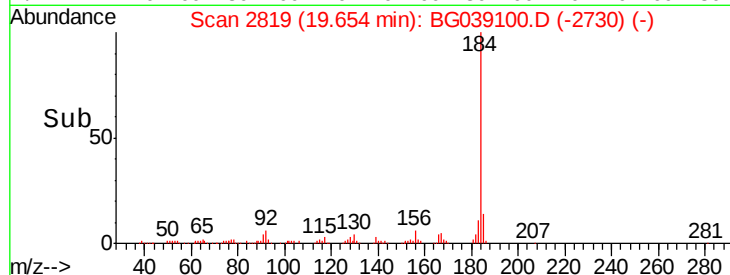
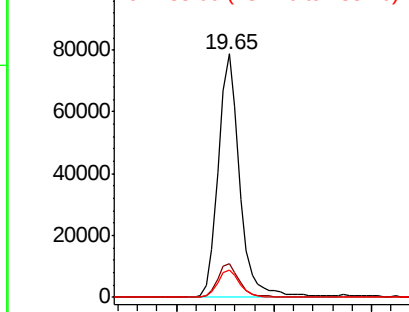
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 120730 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 12.1  | 18.1   |
| 183       | 11.5  | 9.5   | 14.3   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



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



#78

Pyrene

Concen: 46.862 ng

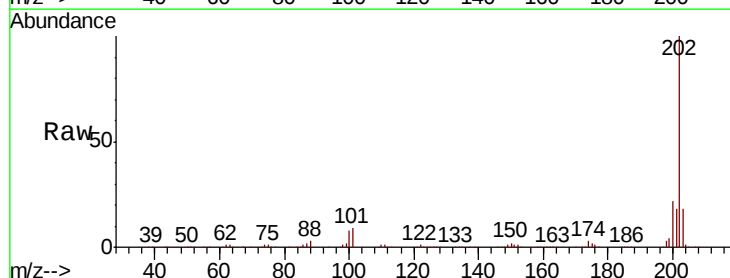
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

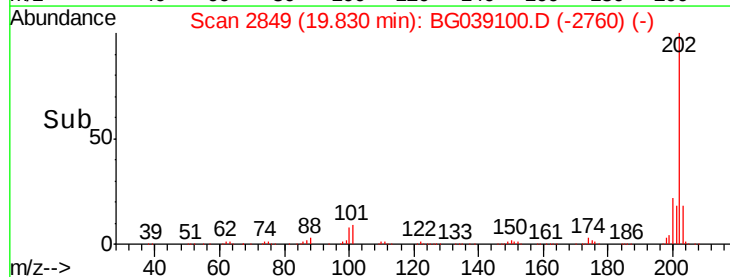
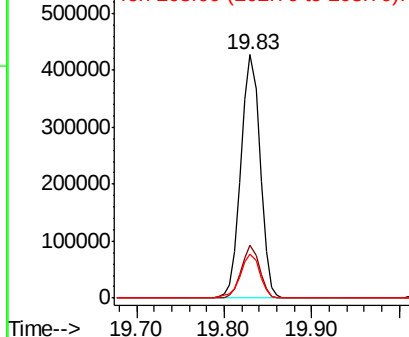
Lab File: BG039100.D

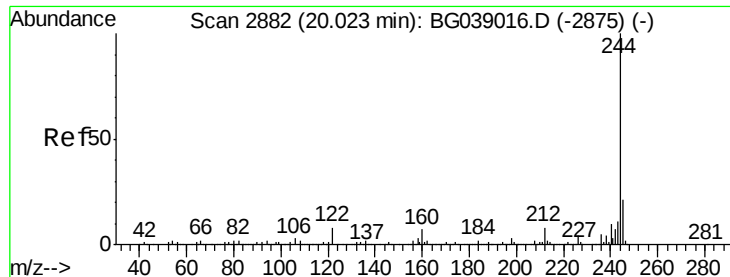
Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 627991 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.8  | 17.0  | 25.6   |
| 203       | 17.9  | 14.0  | 21.0   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.196 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

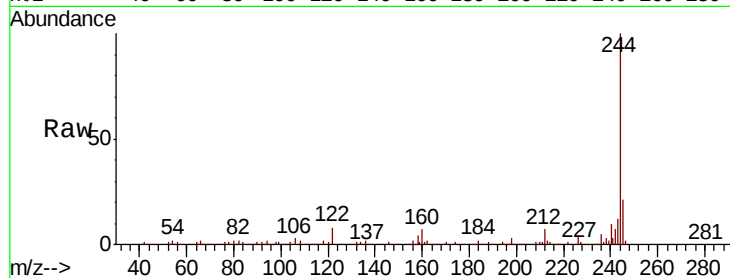
ClientSampleId :

CPSB-14(15-20)MS

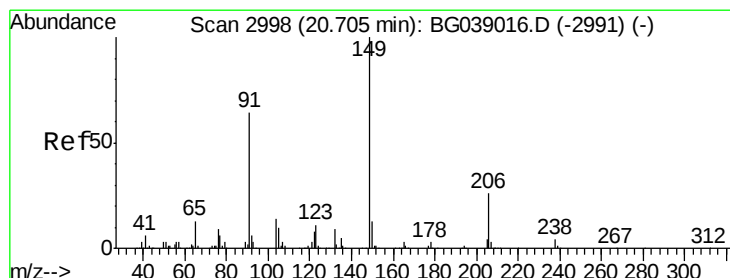
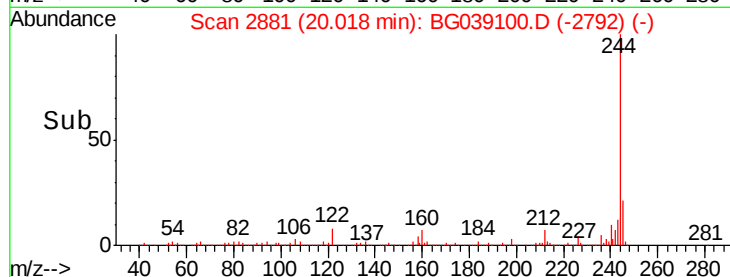
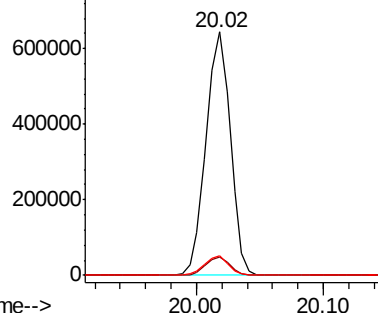
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 854765 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 7.5 | 6.1   | 9.1    |
| 122       | 7.9 | 6.1   | 9.1    |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.900 ng

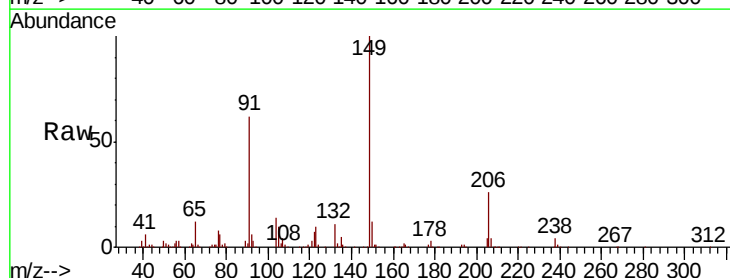
RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

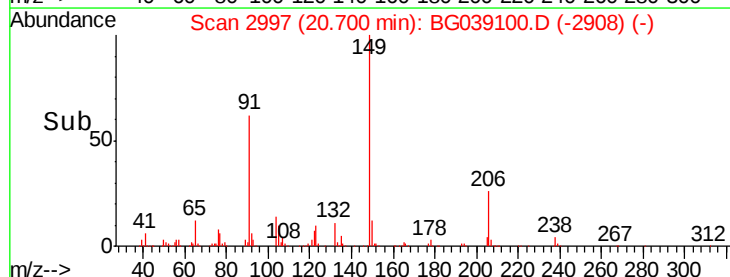
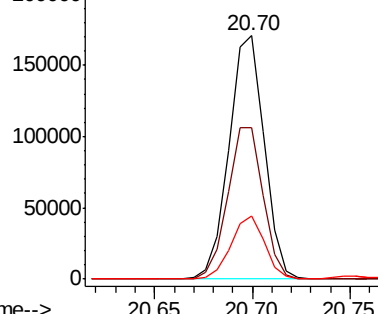
Lab File: BG039100.D

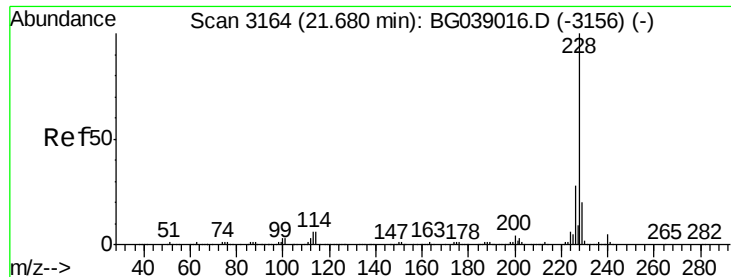
Acq: 12 Jan 2019 00:40

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 213558 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 62.4 | 51.4  | 77.0   |
| 206       | 25.9 | 20.4  | 30.6   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





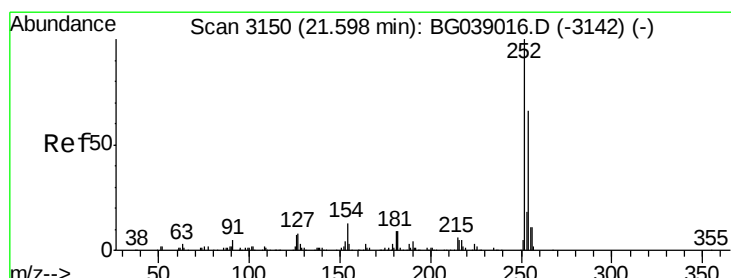
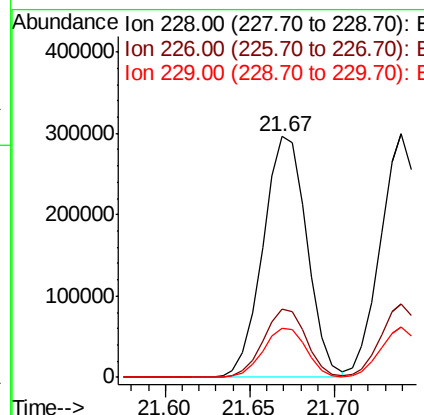
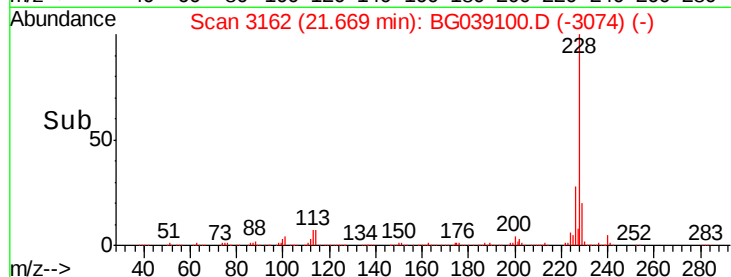
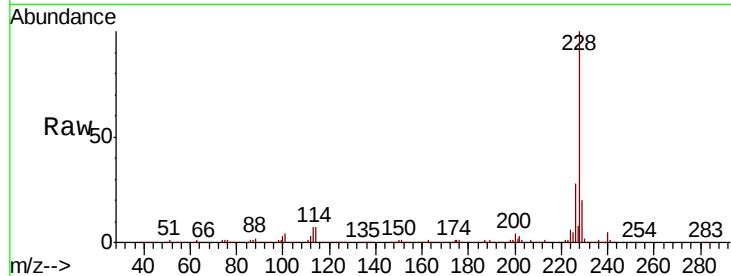
#81  
Benzo(a)anthracene  
Concen: 41.802 ng  
RT: 21.67 min Scan# 3162  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 22.4  | 33.6  |
| 229     | 20.5  | 16.2  | 24.2  |

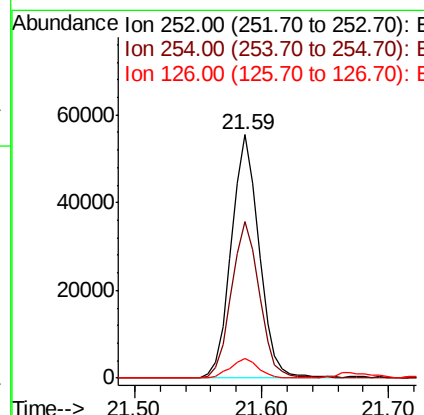
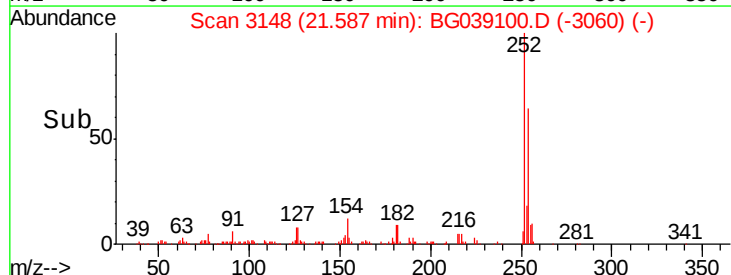
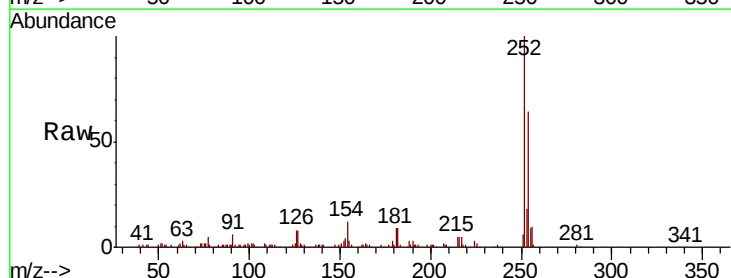
Manual Integrations  
APPROVED

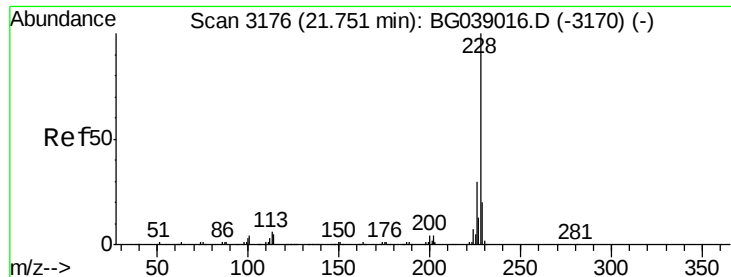
Sohil  
1/17/2019 4:56:24 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 16.157 ng  
RT: 21.59 min Scan# 3148  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.1  | 53.0  | 79.6  |
| 126     | 8.0   | 6.0   | 9.0   |





#83

Chrysene

Concen: 40.856 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

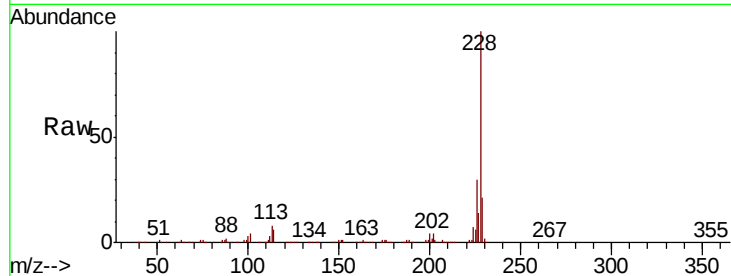
ClientSampleId :

CPSB-14(15-20)MS

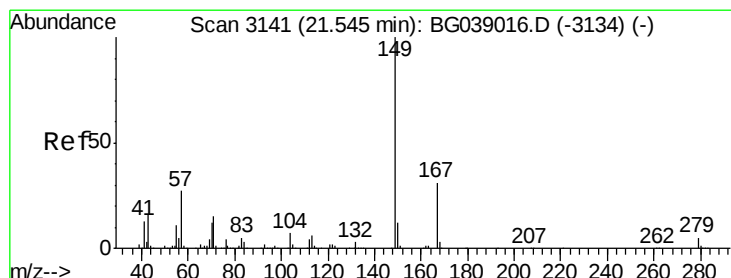
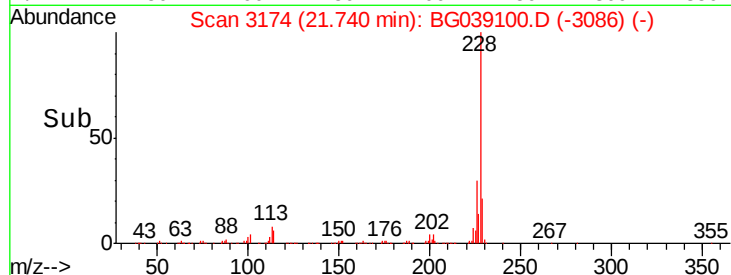
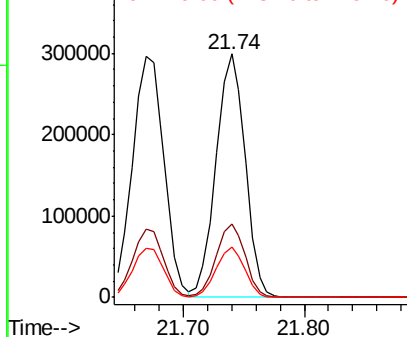
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 497402 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.0  | 24.1  | 36.1   |
| 229       | 20.6  | 16.0  | 24.0   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.563 ng

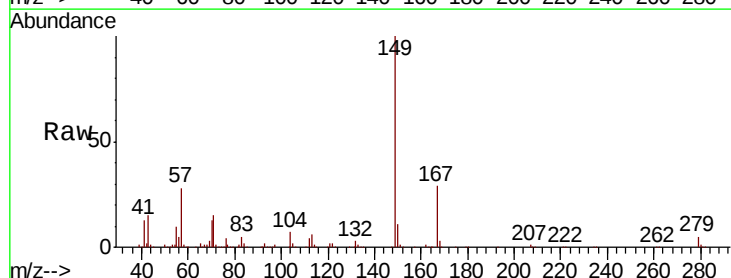
RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

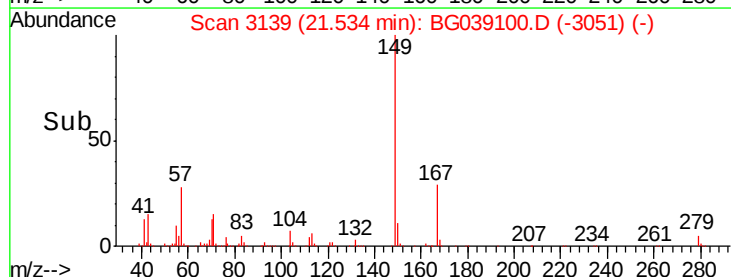
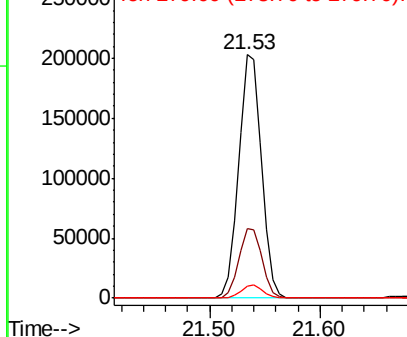
Lab File: BG039100.D

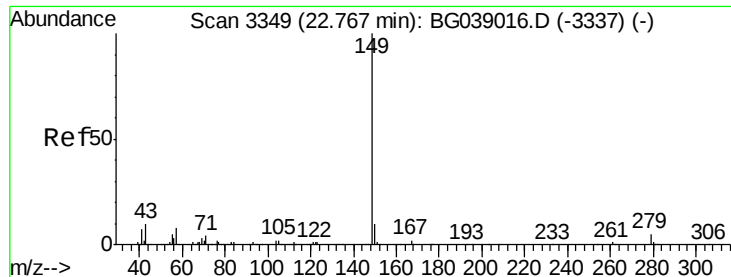
Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 294140 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.7  | 25.0  | 37.4   |
| 279       | 4.9   | 4.3   | 6.5    |



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





#85

Di-n-octyl phthalate

Concen: 43.381 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

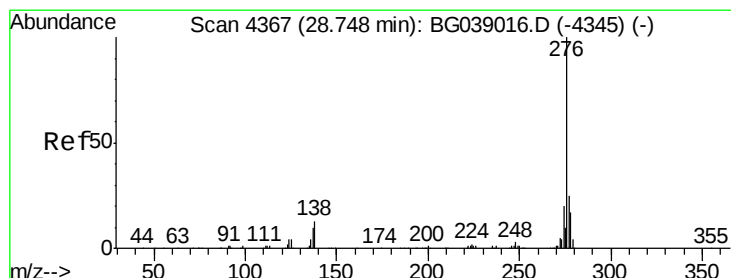
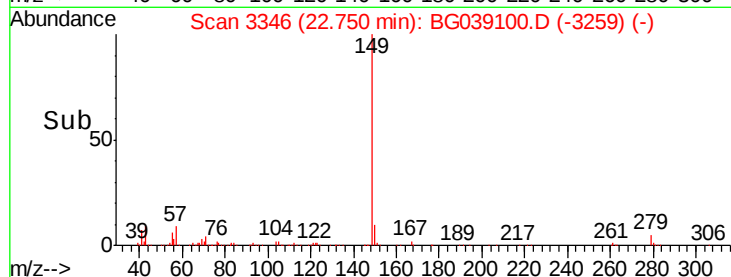
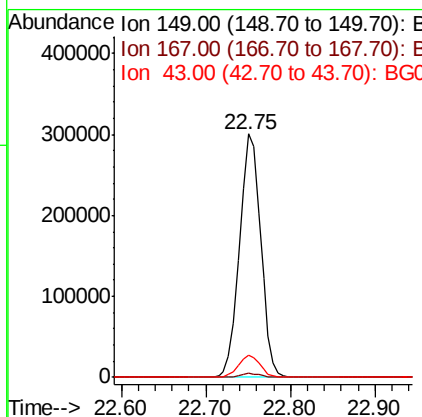
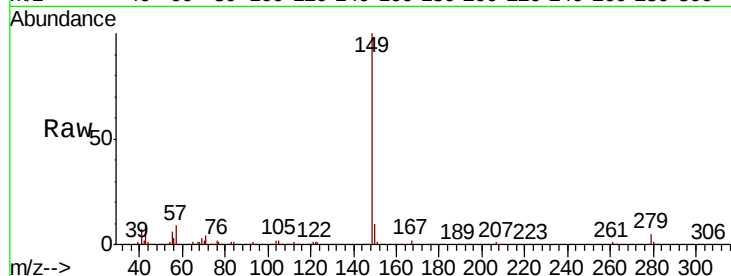
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 519125 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.3   | 1.9    |
| 43        | 9.0   | 7.5   | 11.3   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.545 ng

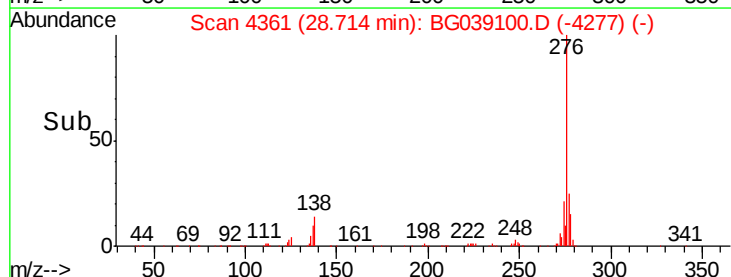
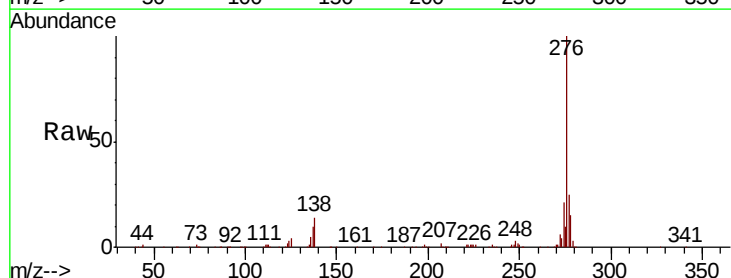
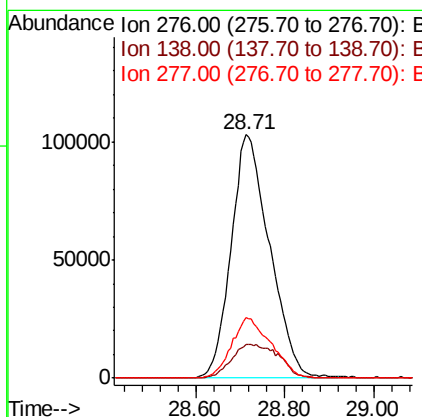
RT: 28.71 min Scan# 4361

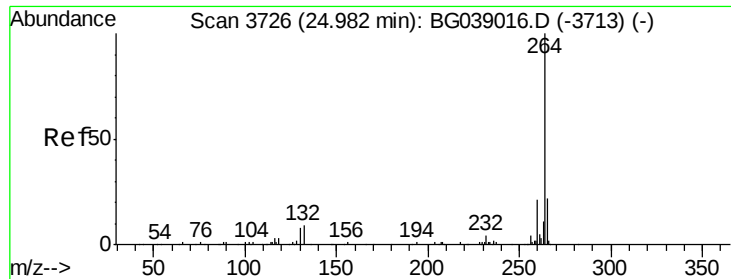
Delta R.T. -0.03 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 618930 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 17.0  | 8.0   | 12.0#  |
| 277       | 25.5  | 20.3  | 30.5   |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

Instrument :

BNA\_G

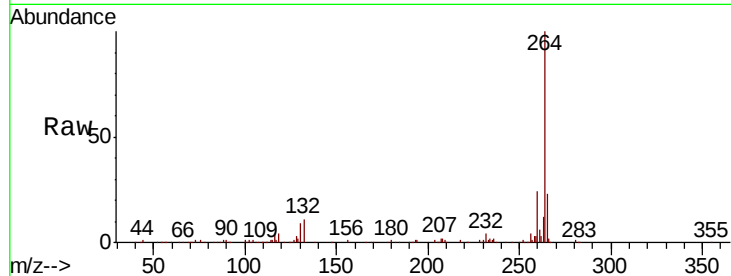
ClientSampleId :

CPSB-14(15-20)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 233415 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.9  | 17.0  | 25.6   |
| 265       | 22.6  | 17.2  | 25.8   |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM

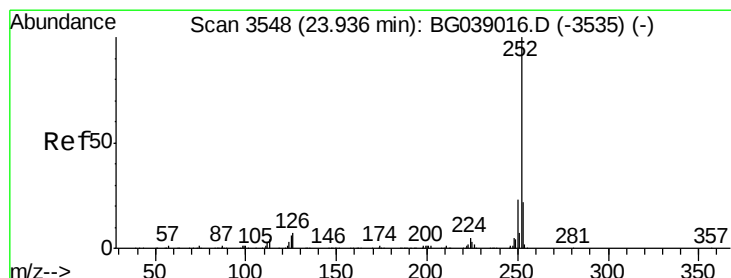
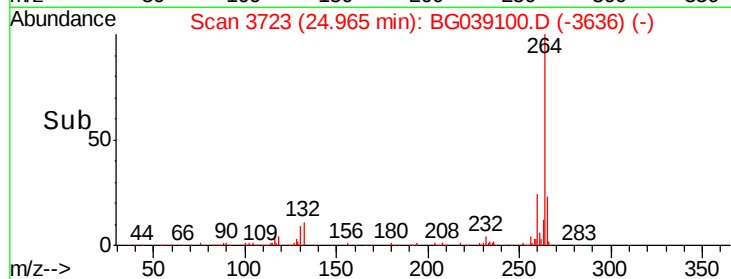
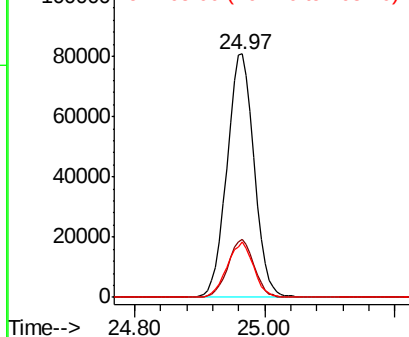


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.768 ng

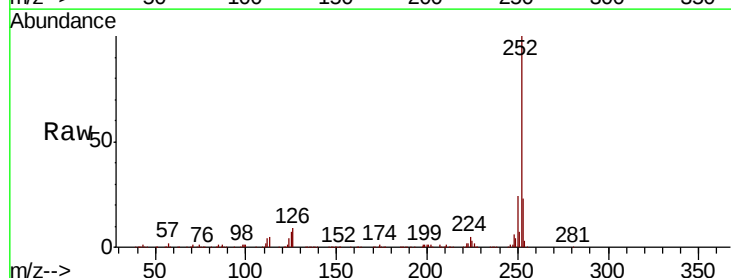
RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039100.D

Acq: 12 Jan 2019 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 550439 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 17.8  | 26.6   |
| 125       | 6.9   | 4.9   | 7.3    |

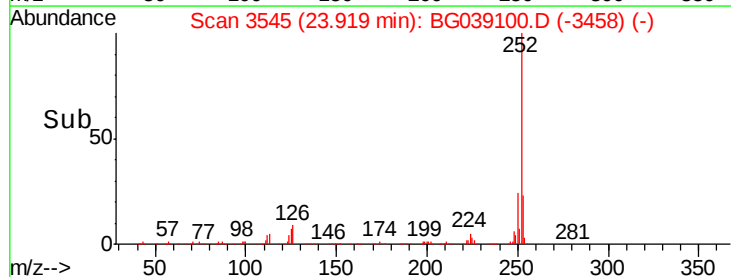
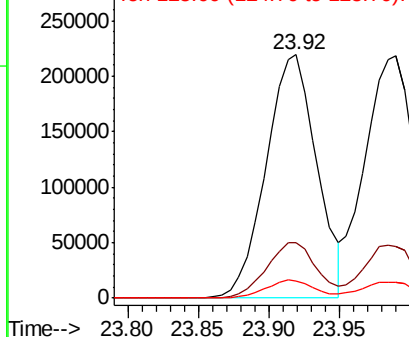


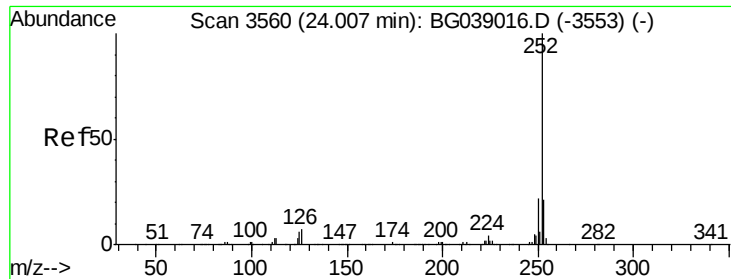
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





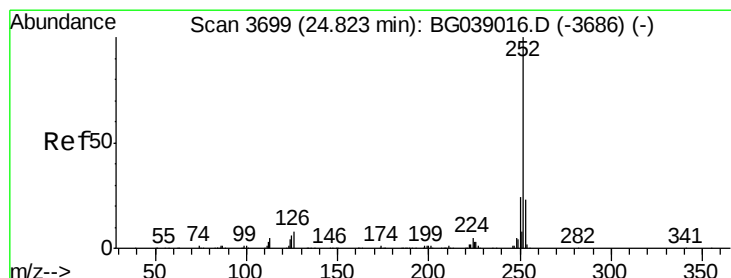
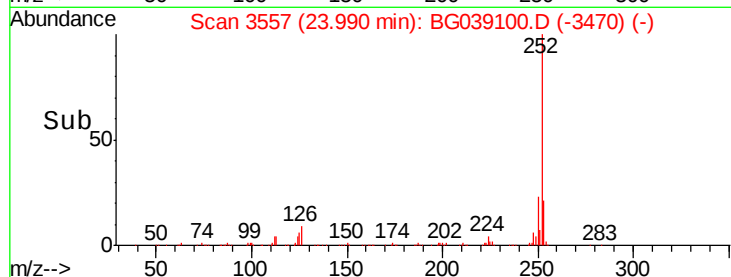
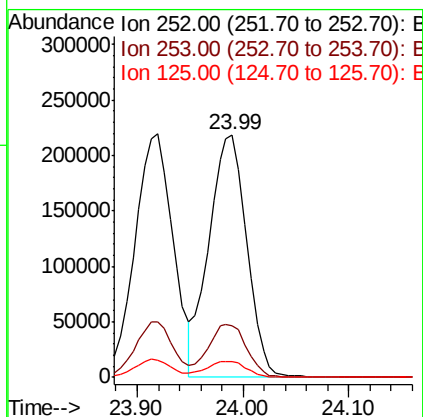
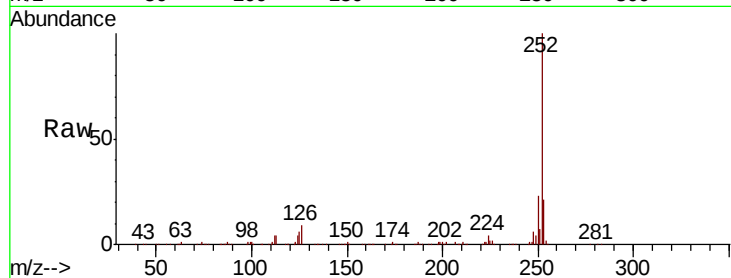
#89  
Benzo(k)fluoranthene  
Concen: 42.621 ng  
RT: 23.99 min Scan# 3557  
Delta R.T. -0.02 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.1  | 25.7  |
| 125     | 6.3   | 4.6   | 7.0   |

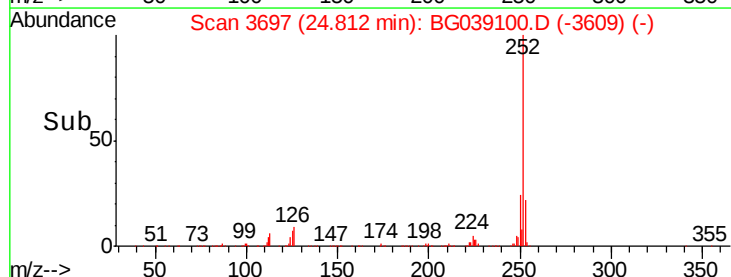
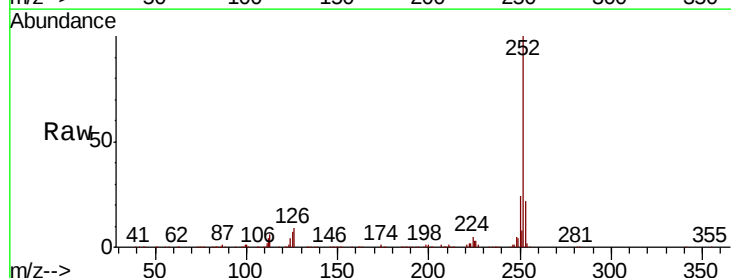
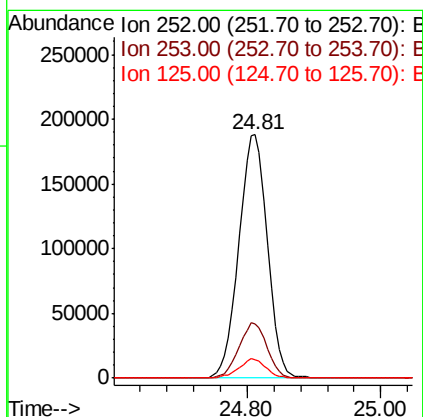
Manual Integrations  
APPROVED

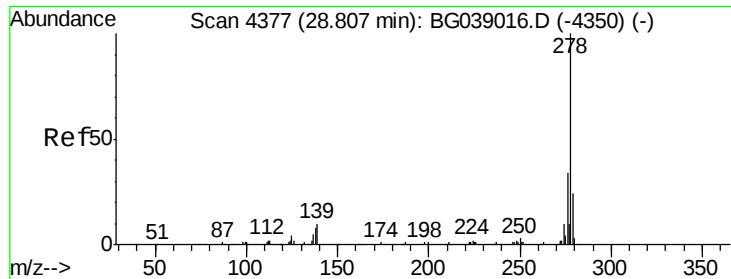
Sohil  
1/17/2019 4:56:24 PM



#90  
Benzo(a)pyrene  
Concen: 44.345 ng  
RT: 24.81 min Scan# 3697  
Delta R.T. -0.01 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.3  | 27.5  |
| 125     | 7.3   | 4.9   | 7.3#  |





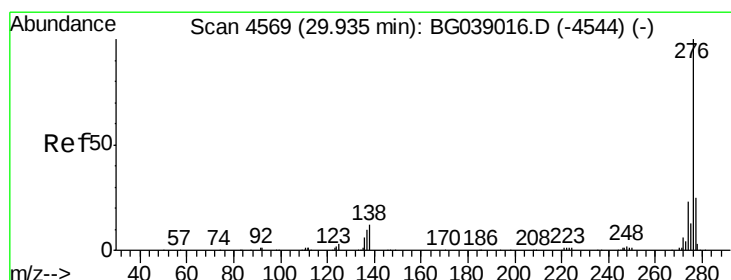
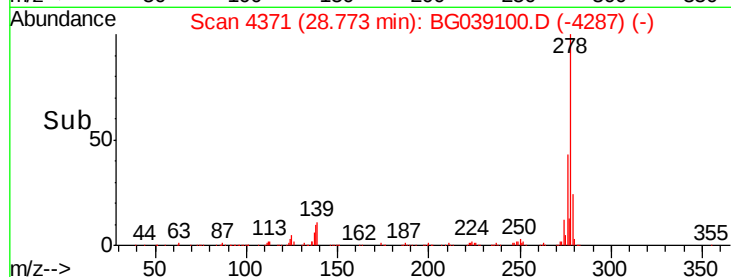
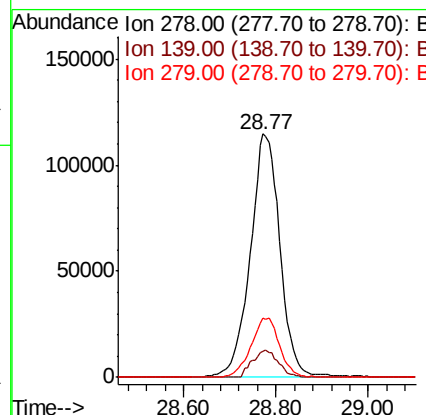
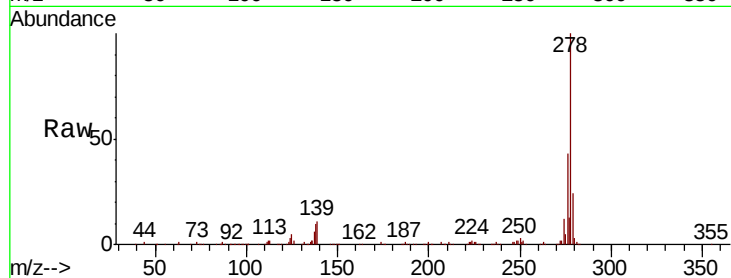
#91  
Dibenzo(a,h)anthracene  
Concen: 41.394 ng  
RT: 28.77 min Scan# 4371  
Delta R.T. -0.03 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

Instrument :  
BNA\_G  
ClientSampleId :  
CPSB-14(15-20)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.8  | 7.9   | 11.9  |
| 279     | 24.2  | 19.3  | 28.9  |

Manual Integrations  
APPROVED

Sohil  
1/17/2019 4:56:24 PM



#92  
Benzo(g,h,i)perylene  
Concen: 43.660 ng  
RT: 29.90 min Scan# 4563  
Delta R.T. -0.03 min  
Lab File: BG039100.D  
Acq: 12 Jan 2019 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 20.3  | 30.5  |
| 138     | 14.7  | 9.4   | 14.2# |

