

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\  
 Data File : BG036092.D  
 Acq On : 3 Aug 2018 13:41  
 Operator : JU/SJ  
 Sample : J3826-06MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 9:57:36 AM

Quant Time: Aug 03 18:45:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 36185    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 133760   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.64 | 164  | 92573    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 225829   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 268526   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 254643   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 299501  | 137.42 | ng | 0.00 |
| 7) Phenol-d6             | 7.19  | 99  | 404523  | 124.40 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 321769  | 100.49 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 193320  | 158.44 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.27 | 172 | 715313  | 103.52 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.99 | 244 | 1259276 | 103.37 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 36096  | 32.540  | ng | # 74   |
| 3) Pyridine                    | 3.93  | 79  | 66950  | 23.119  | ng | # 75   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 49060  | 39.455  | ng | # 86   |
| 6) Aniline                     | 7.35  | 93  | 83625  | 19.841  | ng | 96     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 104736 | 47.249  | ng | 96     |
| 9) Benzaldehyde                | 7.17  | 77  | 31706  | 15.891  | ng | 99     |
| 10) Phenol                     | 7.22  | 94  | 134883 | 41.057  | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 112087 | 43.565  | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 110689 | 41.350  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 114832 | 42.221  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 110343 | 42.231  | ng | 92     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 121575 | 41.171  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 119359 | 55.335  | ng | 76     |
| 17) 2-Methylphenol             | 8.47  | 107 | 101255 | 45.331  | ng | # 92   |
| 18) Hexachloroethane           | 9.10  | 117 | 42063  | 40.448  | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 106492 | 38.890  | ng | # 86   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 136849 | 44.163  | ng | 95     |
| 22) Acetophenone               | 8.85  | 105 | 194405 | 46.737  | ng | # 89   |
| 24) Nitrobenzene               | 9.23  | 77  | 159336 | 49.481  | ng | 90     |
| 25) Isophorone                 | 9.75  | 82  | 302738 | 50.933  | ng | 99     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 64057  | 56.011  | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 111464 | 57.578  | ng | 85     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 152557 | 46.579  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 122727 | 55.537  | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 133080 | 49.112  | ng | 96     |
| 31) Naphthalene                | 10.88 | 128 | 487429 | 69.956  | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 39412m | 30.242  | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 20948  | 6.898   | ng | # 88   |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 103127 | 48.806  | ng | 94     |
| 35) Caprolactam                | 11.78 | 113 | 28959m | 30.537  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 142710 | 48.179  | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 267865 | 51.602  | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 184575 | 52.826  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.82 | 237 | 209669 | 114.422 | ng | 93     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\  
 Data File : BG036092.D  
 Acq On : 3 Aug 2018 13:41  
 Operator : JU/SJ  
 Sample : J3826-06MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

Manual Integrations  
 APPROVED

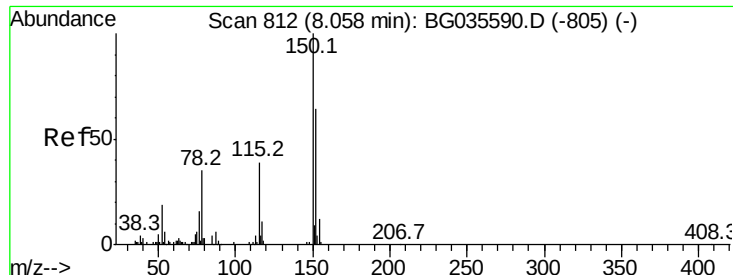
Sohil  
 8/6/2018 9:57:36 AM

Quant Time: Aug 03 18:45:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.08 | 196  | 113895   | 55.740 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.16 | 196  | 117596   | 51.445 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 362994   | 50.577 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 283897   | 50.853 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 93474    | 47.361 | nq    | 91       |
| 48) Acenaphthylene             | 14.37 | 152  | 462977   | 49.508 | nq    | 97       |
| 49) Dimethylphthalate          | 14.10 | 163  | 384435   | 47.398 | nq #  | 99       |
| 50) 2,6-Dinitrotoluene         | 14.22 | 165  | 88779    | 53.752 | nq    | 93       |
| 51) Acenaphthene               | 14.71 | 154  | 279667   | 48.008 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 46865    | 27.762 | nq #  | 92       |
| 53) 2,4-Dinitrophenol          | 14.77 | 184  | 45797    | 56.066 | nq #  | 71       |
| 54) Dibenzofuran               | 15.04 | 168  | 464711   | 50.159 | nq    | 93       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 89796    | 74.693 | nq #  | 81       |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 123760   | 52.230 | nq    | 89       |
| 57) Fluorene                   | 15.69 | 166  | 378484   | 48.742 | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 119724   | 54.627 | nq    | 90       |
| 59) Diethylphthalate           | 15.46 | 149  | 373683   | 44.806 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 220675   | 48.352 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.72 | 138  | 78619    | 44.522 | nq #  | 73       |
| 62) Azobenzene                 | 15.98 | 77   | 381446   | 46.368 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 59011    | 46.942 | nq    | 80       |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 325458   | 50.632 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 146897   | 56.068 | nq    | 95       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 150158   | 55.653 | nq    | 93       |
| 68) Atrazine                   | 16.85 | 200  | 121426   | 45.881 | nq    | 100      |
| 69) Pentachlorophenol          | 17.05 | 266  | 128863   | 78.412 | nq    | 97       |
| 70) Phenanthrene               | 17.43 | 178  | 579933   | 51.465 | nq    | 99       |
| 71) Anthracene                 | 17.53 | 178  | 582122   | 51.881 | nq    | 97       |
| 72) Carbazole                  | 17.80 | 167  | 550330   | 51.646 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.34 | 149  | 624889   | 49.625 | nq #  | 99       |
| 74) Fluoranthene               | 19.44 | 202  | 789779   | 52.033 | nq    | 98       |
| 76) Benzidine                  | 19.64 | 184  | 76034m   | 10.770 | nq    |          |
| 77) Pyrene                     | 19.80 | 202  | 803091   | 47.298 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.68 | 149  | 312669   | 51.495 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.63 | 228  | 852621   | 50.952 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 207467   | 35.557 | nq #  | 98       |
| 82) Chrysene                   | 21.70 | 228  | 804642   | 51.890 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 429690   | 52.054 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 22.73 | 149  | 729815   | 52.803 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.49 | 276  | 846174   | 49.287 | nq #  | 85       |
| 87) Benzo(b)fluoranthene       | 23.84 | 252  | 819236   | 52.932 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 778082   | 51.423 | nq #  | 95       |
| 89) Benzo(a)pyrene             | 24.70 | 252  | 779827   | 54.159 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 28.55 | 278  | 687891   | 48.663 | nq #  | 97       |
| 91) Benzo(g,h,i)perylene       | 29.63 | 276  | 670290   | 48.457 | nq #  | 94       |

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





#1

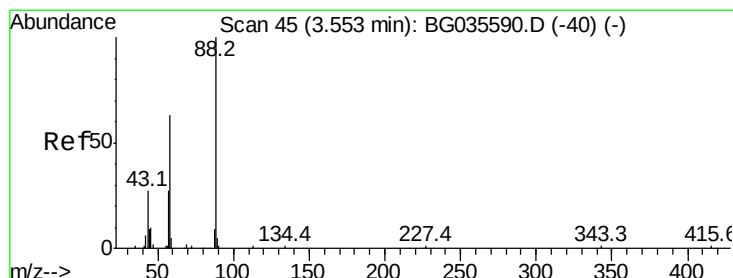
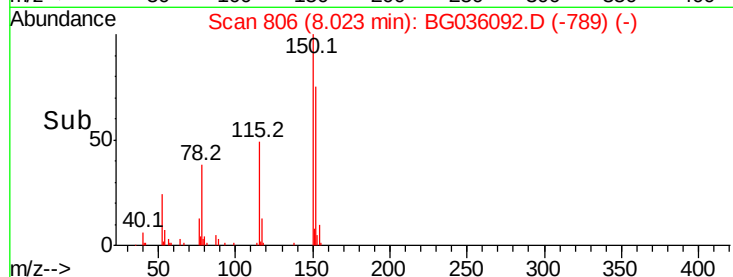
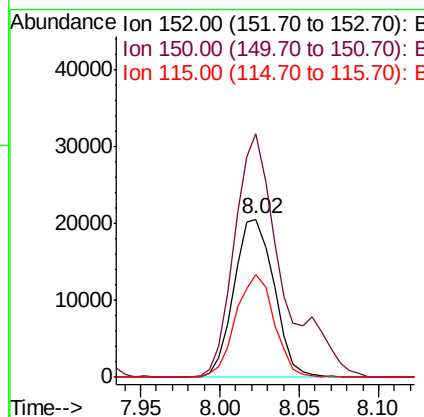
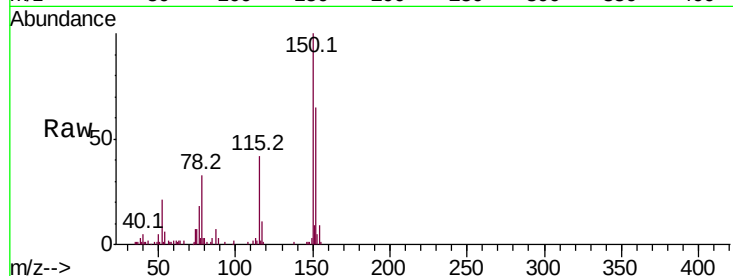
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 126.6 | 189.8 |
| 115     | 65.2  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

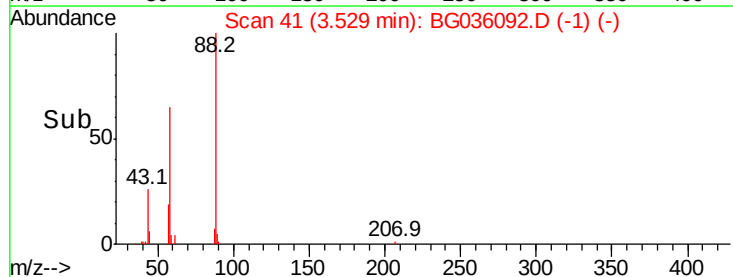
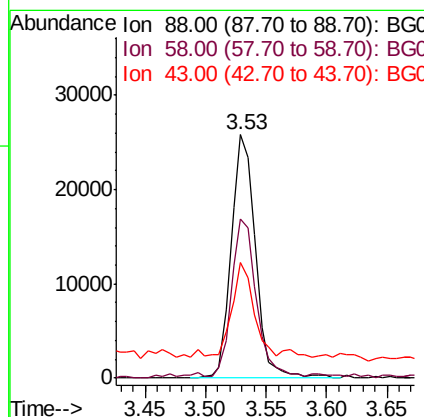
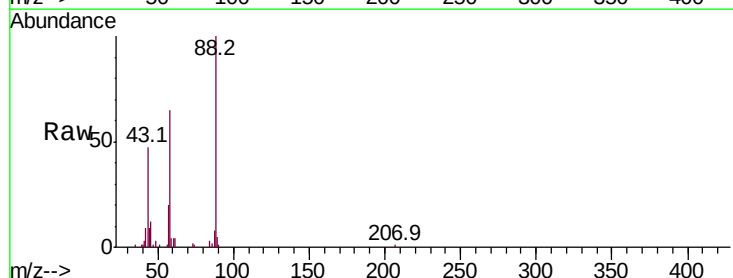
Sohil  
8/6/2018 9:57:36 AM

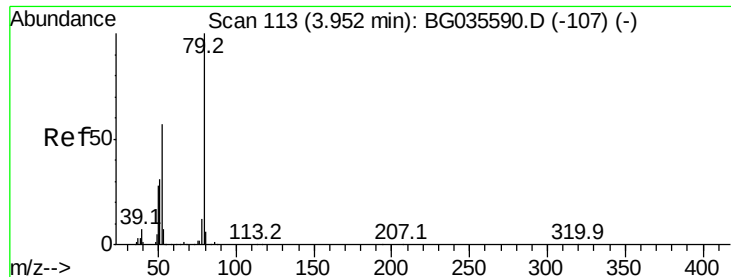


#2

1,4-Dioxane  
Concen: 32.540 ng  
RT: 3.53 min Scan# 41  
Delta R.T. 0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 65.3  | 79.6  | 119.4# |
| 43      | 33.6  | 27.4  | 41.0   |





#3

Pvridine

Concen: 23.119 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

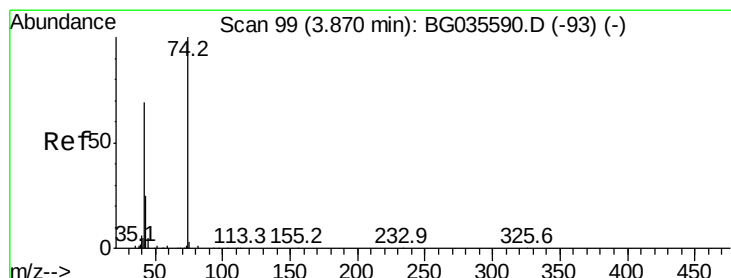
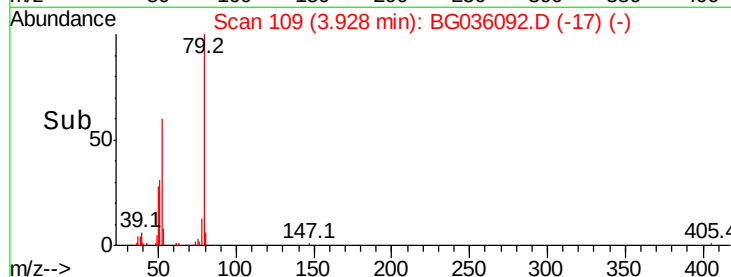
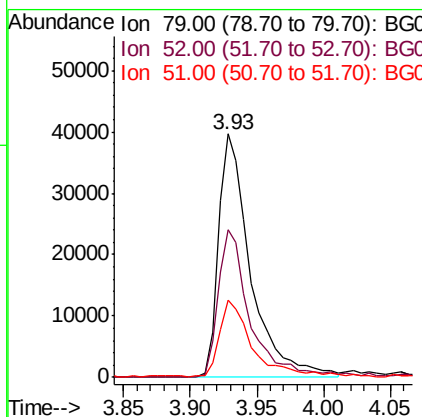
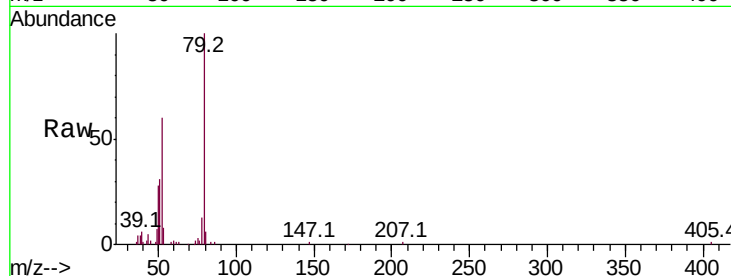
ClientSampleId :

OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 60.4  | 69.9  | 104.9# |
| 51      | 31.5  | 34.0  | 51.0#  |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#4

n-Nitrosodimethylamine

Concen: 39.455 ng

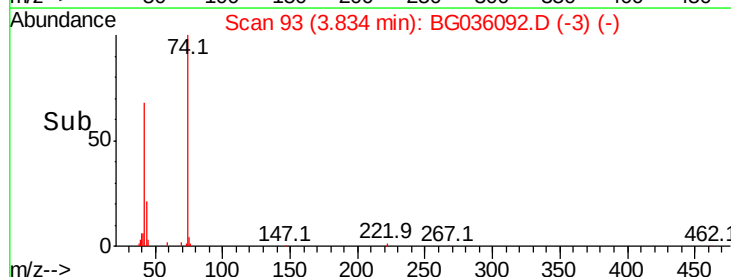
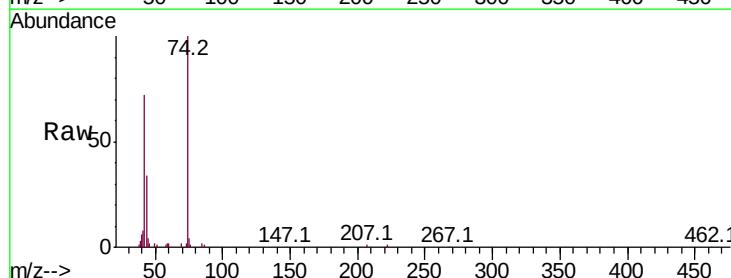
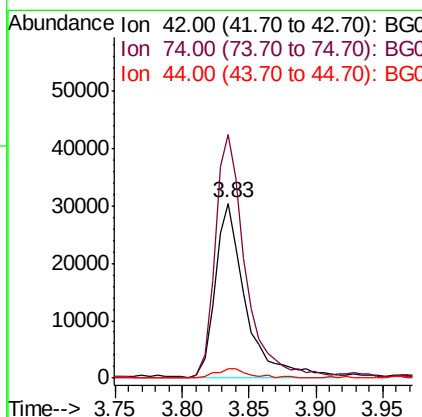
RT: 3.83 min Scan# 93

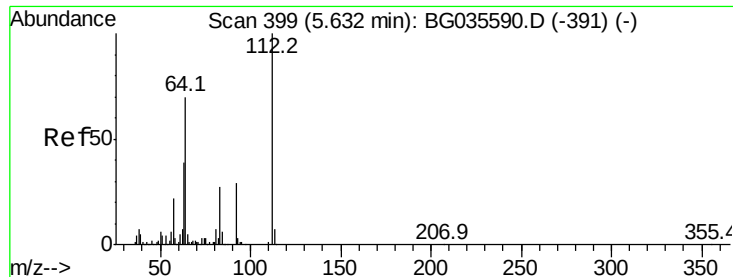
Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 139.1 | 102.5 | 153.7 |
| 44      | 5.5   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 137.417 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

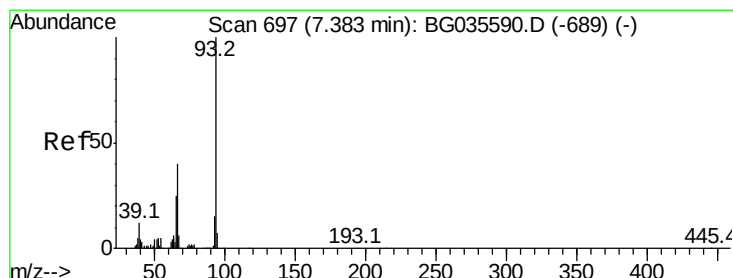
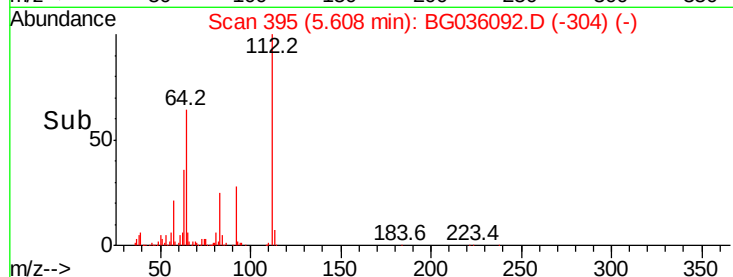
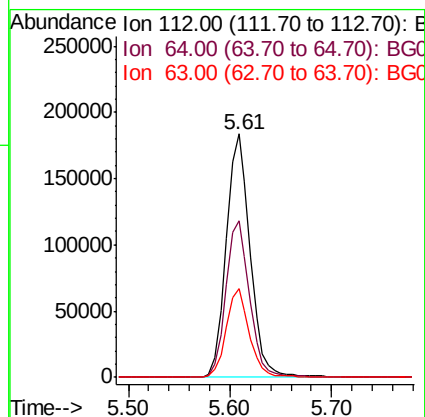
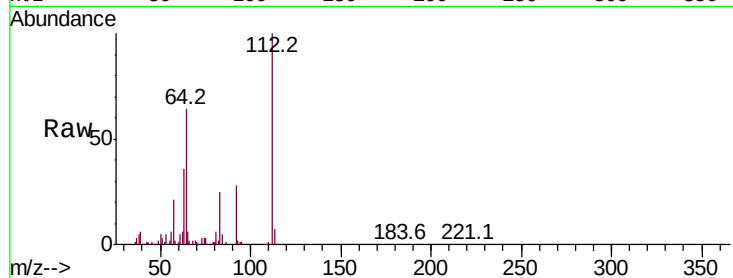
ClientSampleId :

OK-03-073118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 299501 |       |       |
| 64      | 64.4  | 56.3   | 84.5  |       |
| 63      | 36.2  | 30.1   | 45.1  |       |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#6

Aniline

Concen: 19.841 ng

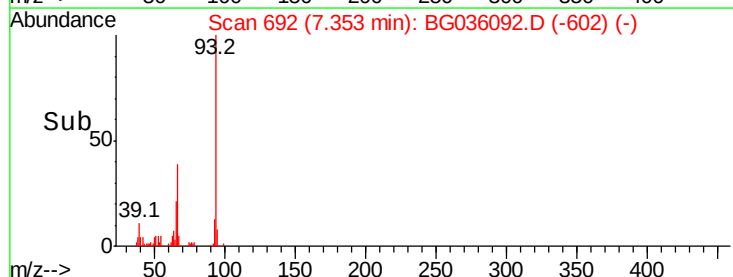
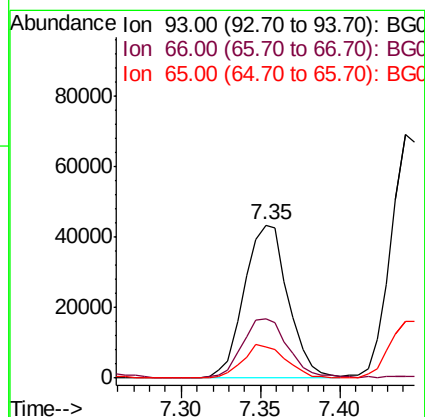
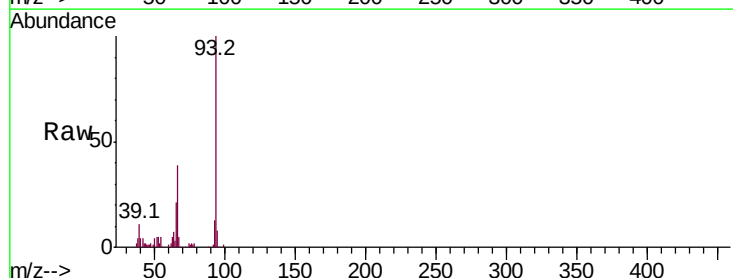
RT: 7.35 min Scan# 692

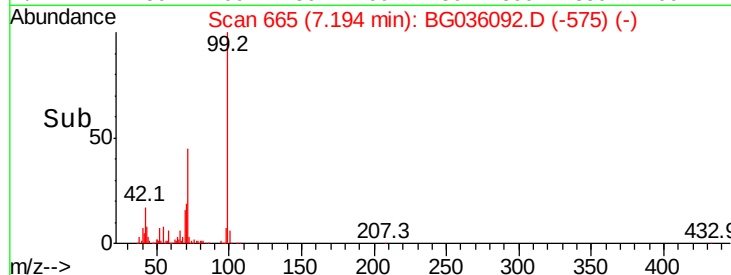
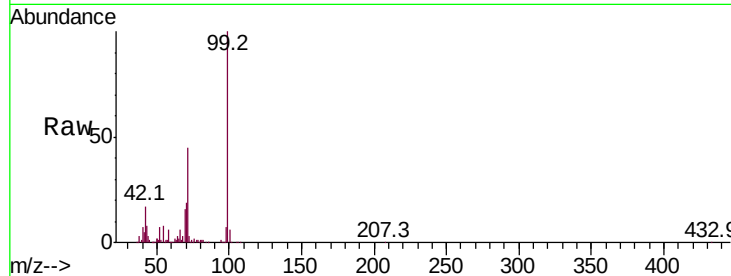
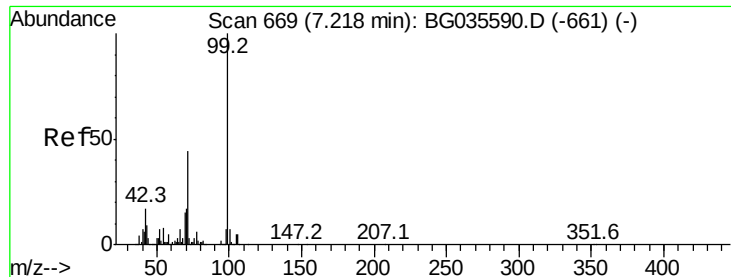
Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 83625 |       |       |
| 66      | 39.0  | 33.7  | 50.5  |       |
| 65      | 20.8  | 16.1  | 24.1  |       |





#7

Phenol-d6

Concen: 124.400 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 404523 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.1  | 14.1  | 21.1   |
| 71        | 44.7  | 26.1  | 39.1#  |

Instrument :

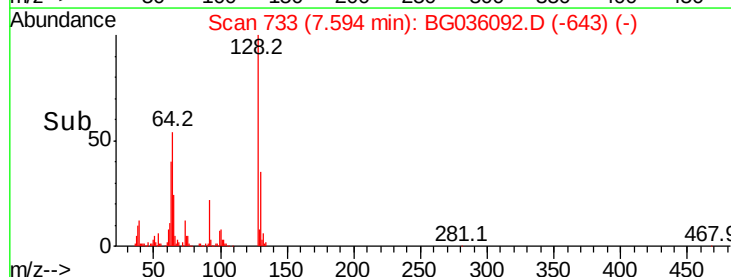
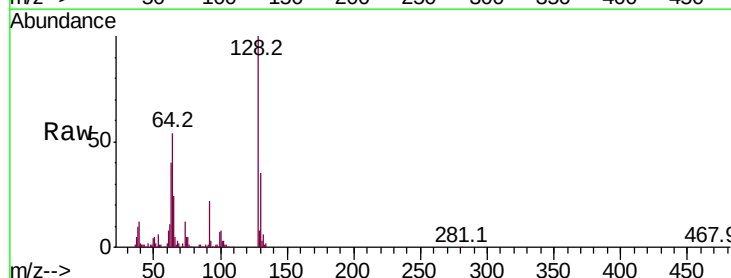
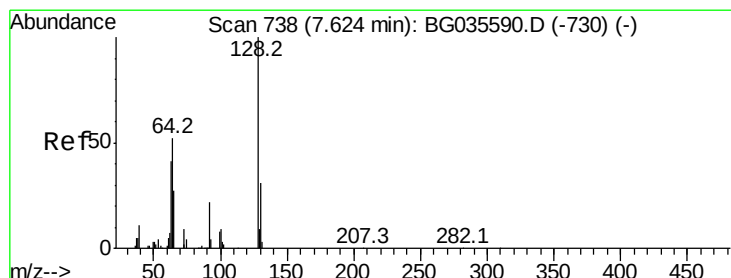
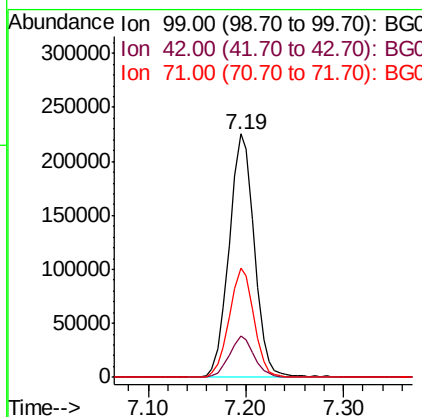
BNA\_G

ClientSampleId :

OK-03-073118MSD

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#8

2-Chlorophenol

Concen: 47.249 ng

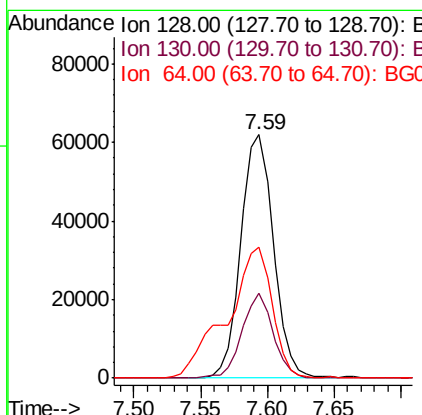
RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

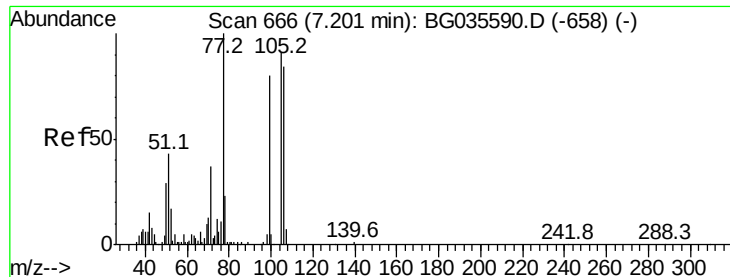
Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 104736 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.7  | 14.0  | 54.0   |
| 64        | 53.8  | 37.7  | 77.7   |







#9

Benzaldehyde

Concen: 15.891 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

ClientSampleId :

OK-03-073118MSD

Tot Ion: 77 Resp: 31706

Ion Ratio Lower Upper

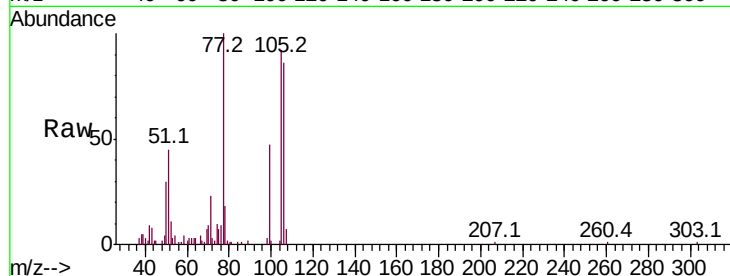
77 100

105 92.1 71.3 111.3

106 85.7 64.2 104.2

Manual Integrations  
APPROVED

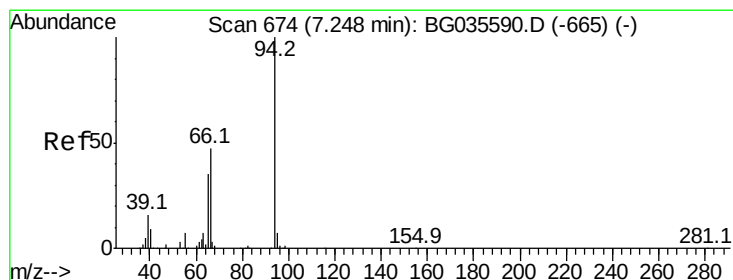
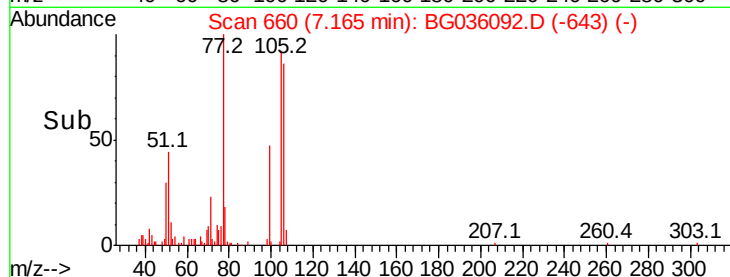
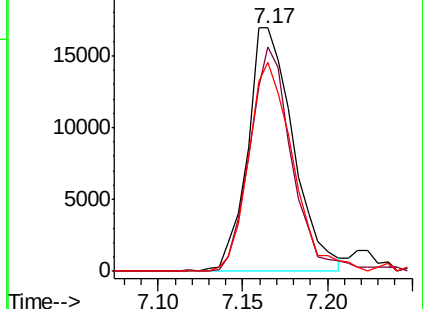
Sohil  
8/6/2018 9:57:36 AM



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: 41.057 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

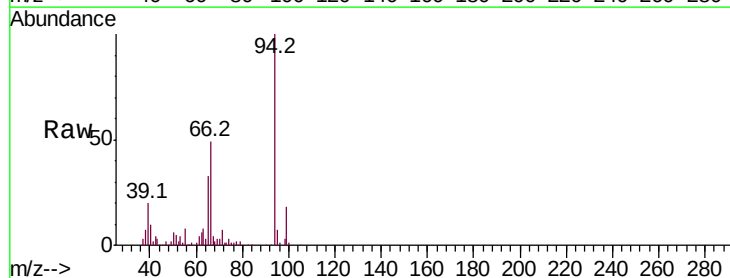
Tgt Ion: 94 Resp: 134883

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

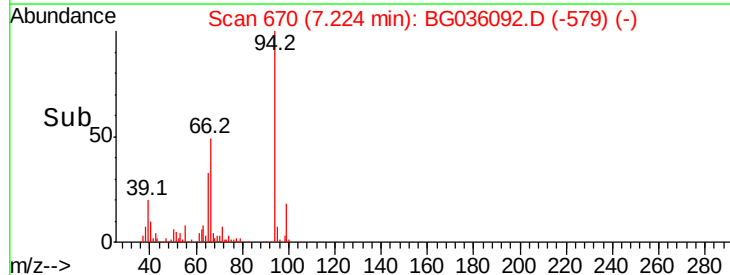
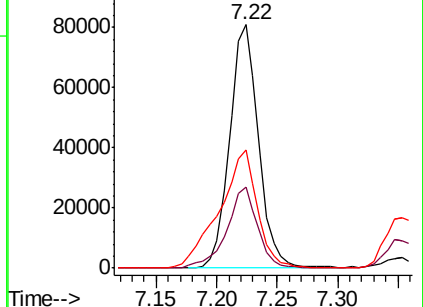
66 48.6 22.2 62.2



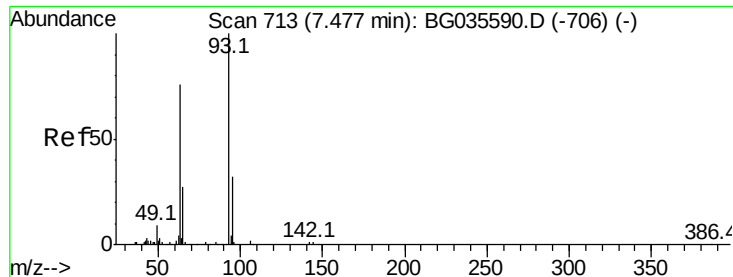
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







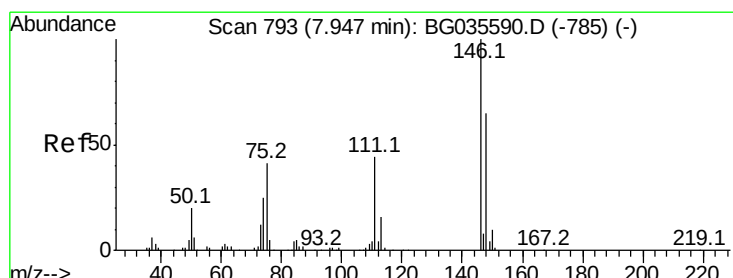
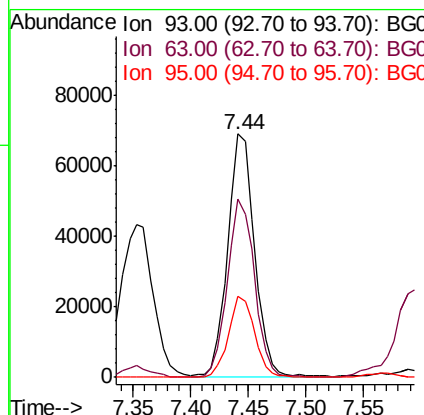
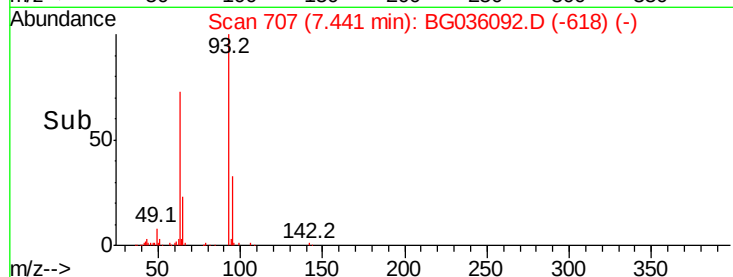
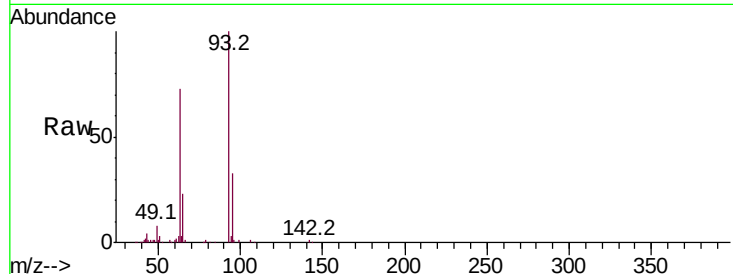
#11  
bis(2-Chloroethyl)ether  
Concen: 43.565 ng  
RT: 7.44 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 112087 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 73.0  | 67.1  | 107.1  |
| 95        | 33.3  | 11.5  | 51.5   |

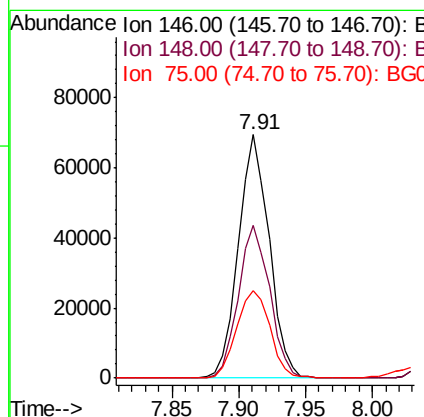
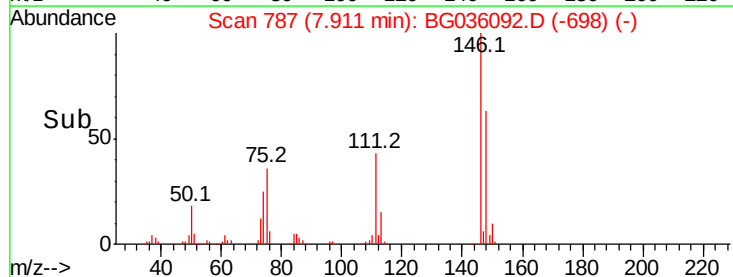
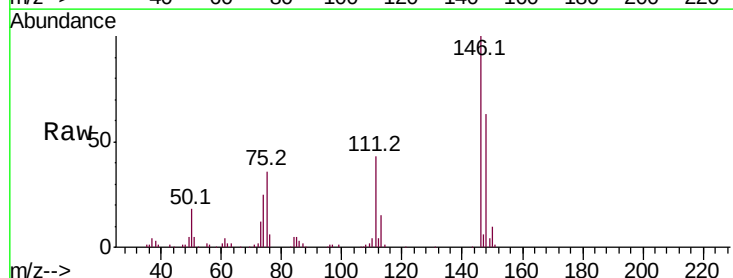
Manual Integrations  
APPROVED

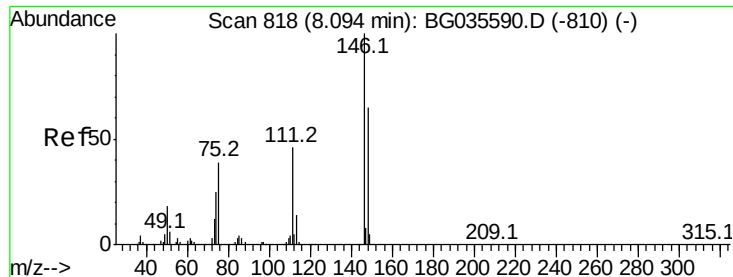
Sohil  
8/6/2018 9:57:36 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.350 ng  
RT: 7.91 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 110689 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.7  | 51.4  | 77.2   |
| 75        | 36.1  | 26.6  | 39.8   |





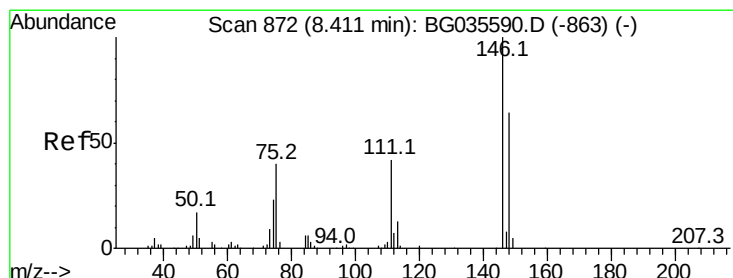
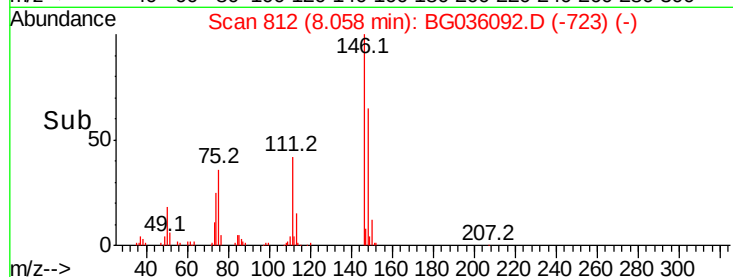
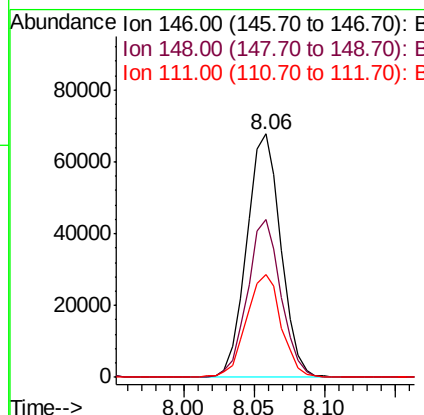
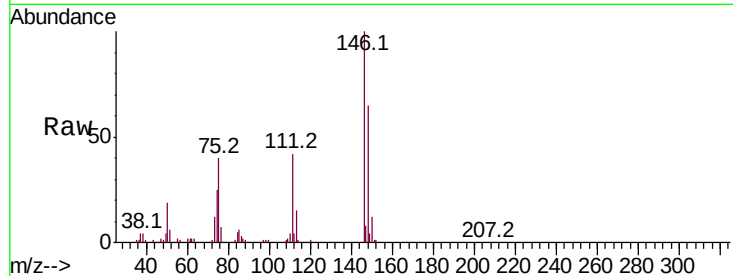
#13  
 1,4-Dichlorobenzene  
 Concen: 42.221 ng  
 RT: 8.06 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 53.7  | 80.5  |
| 111     | 42.1  | 35.2  | 52.8  |

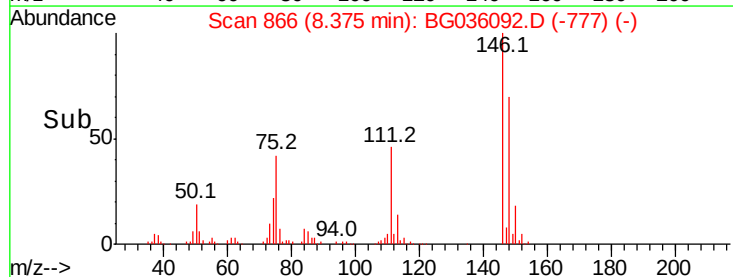
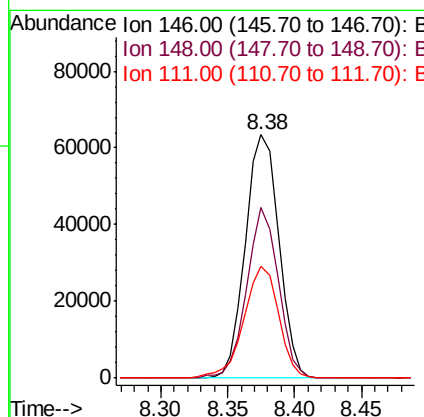
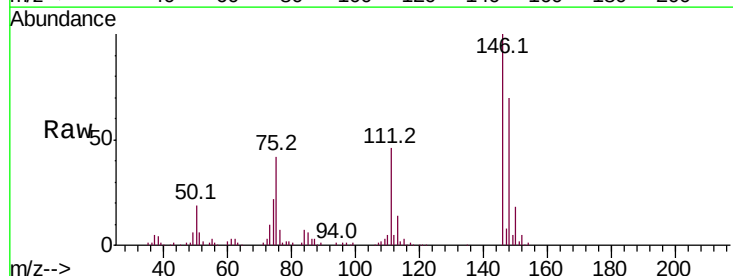
Manual Integrations  
 APPROVED

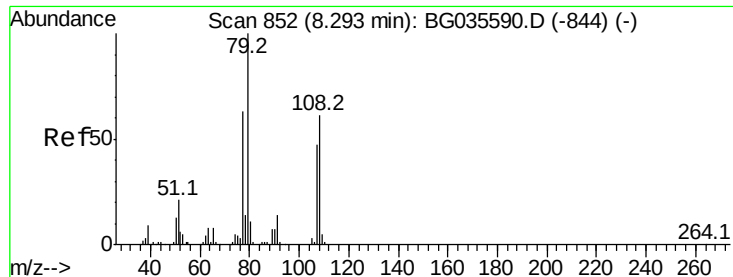
Sohil  
 8/6/2018 9:57:36 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 42.231 ng  
 RT: 8.38 min Scan# 866  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 69.9  | 49.3  | 73.9  |
| 111     | 46.1  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 41.171 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

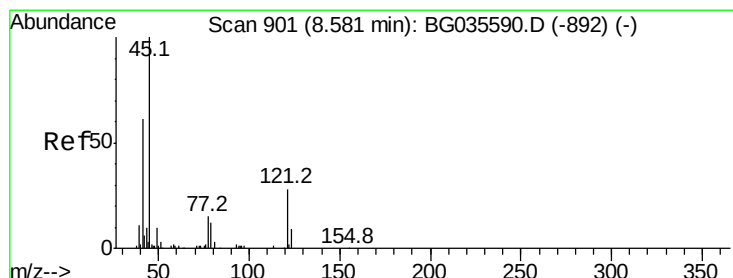
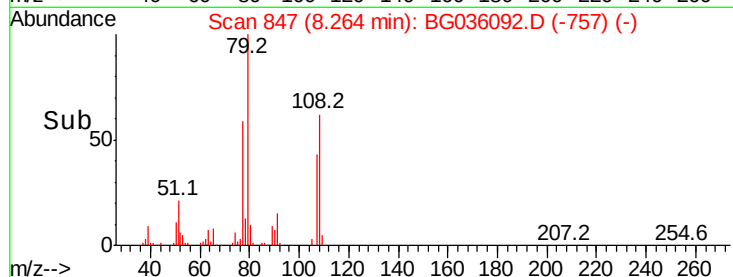
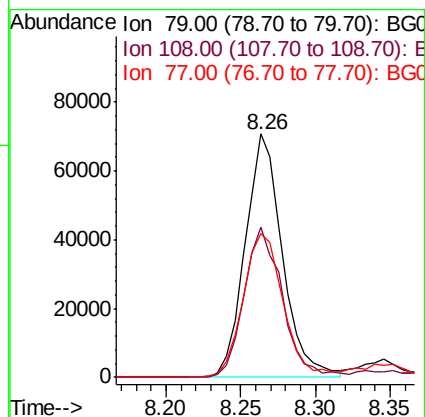
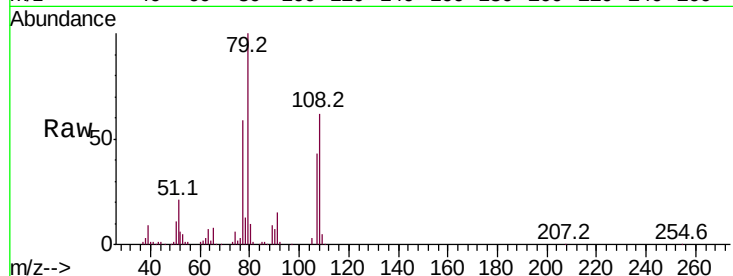
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 121575 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 61.9  | 57.2  | 85.8   |
| 77        | 58.9  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.335 ng

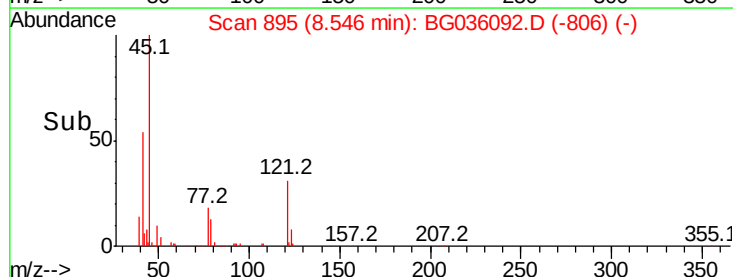
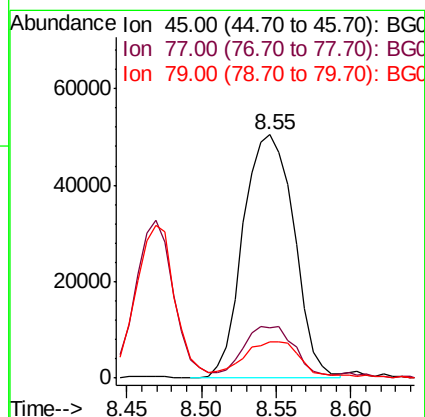
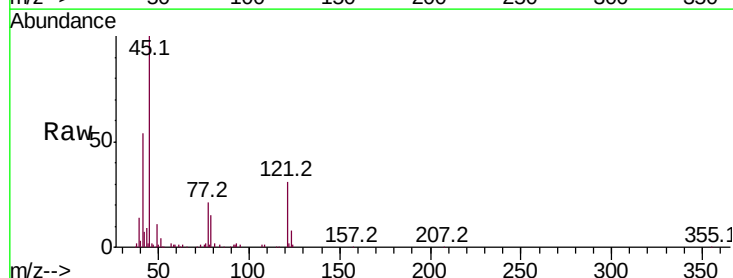
RT: 8.55 min Scan# 895

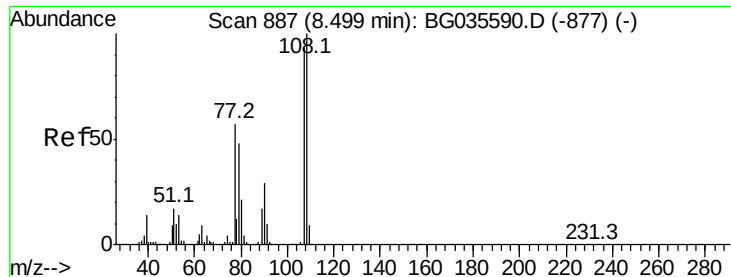
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 119359 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 20.5  | 0.0   | 30.2   |
| 79        | 14.9  | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 45.331 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

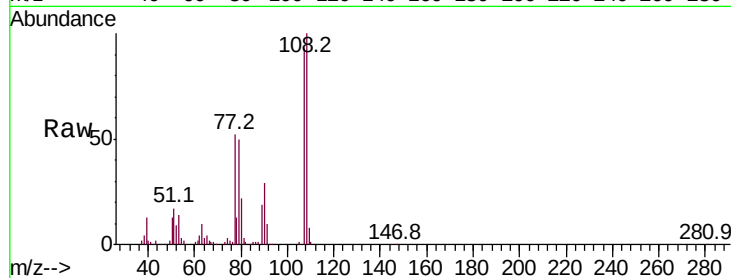
ClientSampleId :

OK-03-073118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 107.9 | 83.9 | 125.9 |       |
| 77      | 56.0  | 37.2 | 55.8  |       |
| 79      | 53.8  | 36.2 | 54.2  |       |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



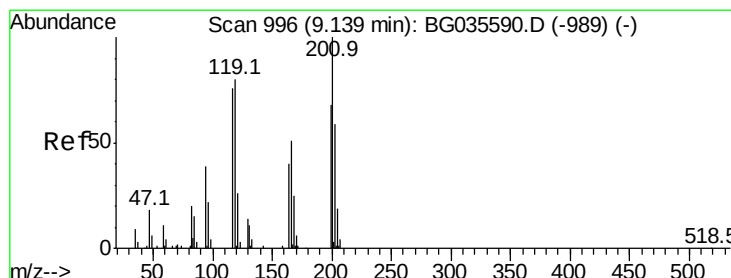
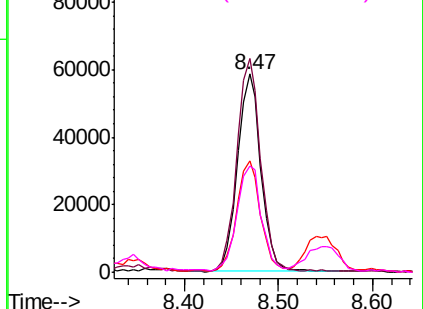
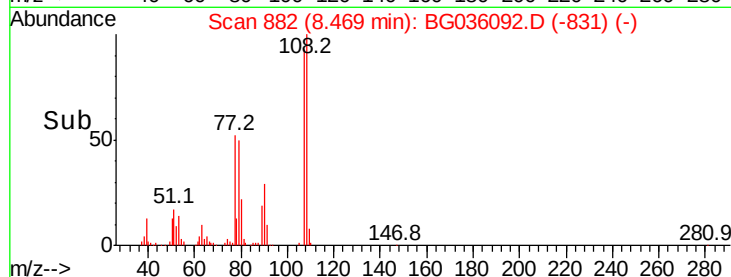
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.448 ng

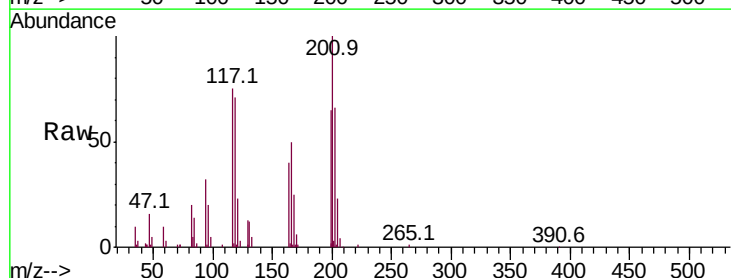
RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.4  | 76.7 | 115.1 |       |
| 201     | 133.4 | 95.7 | 143.5 |       |

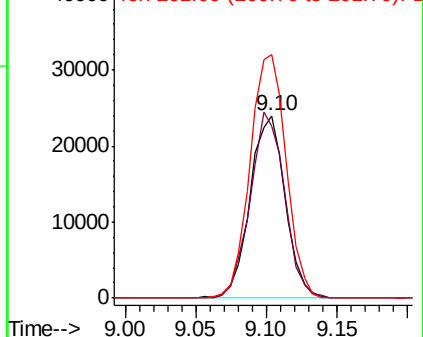
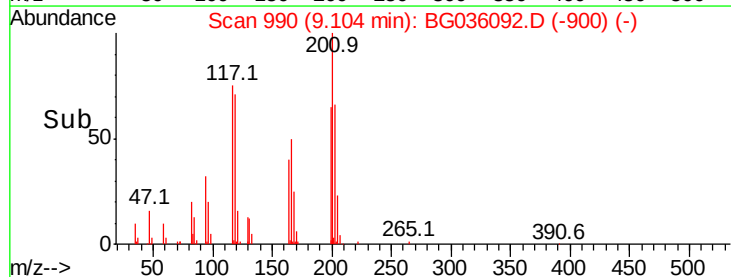


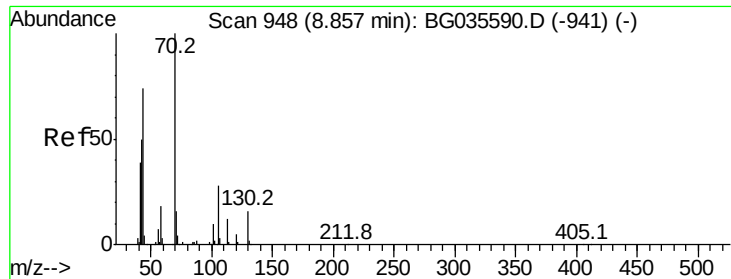
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





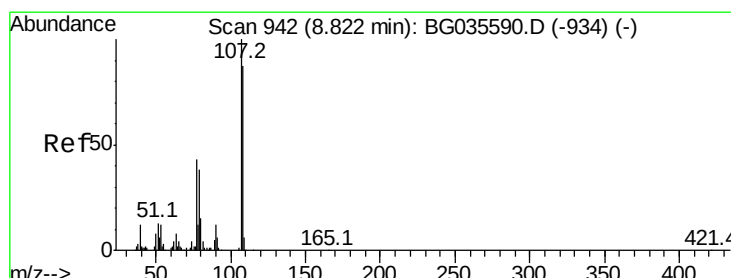
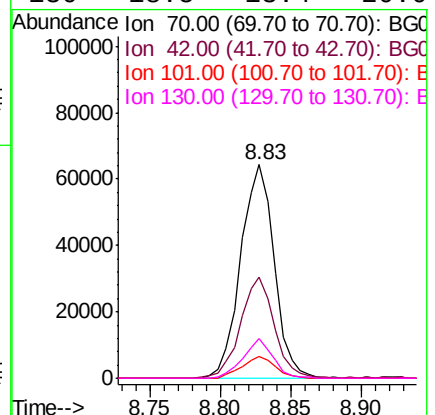
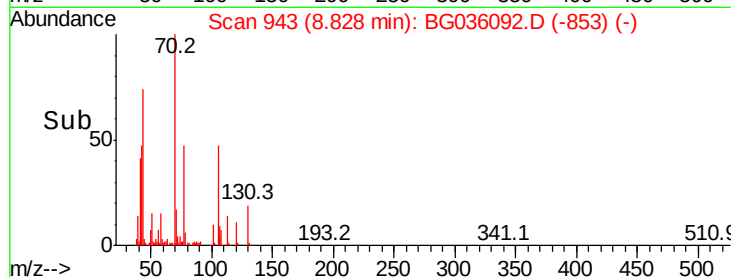
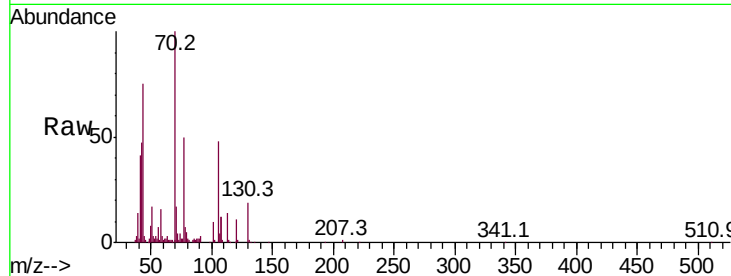
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.890 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.2  | 49.1  | 73.7# |
| 101     | 10.2  | 8.5   | 12.7  |
| 130     | 18.5  | 13.4  | 20.0  |

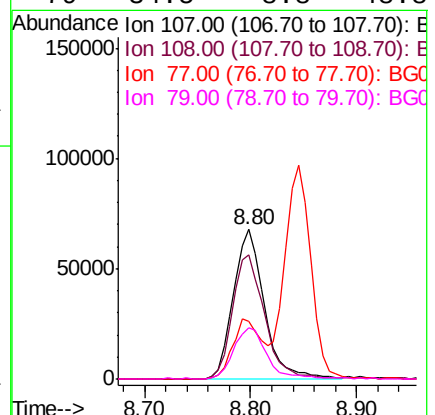
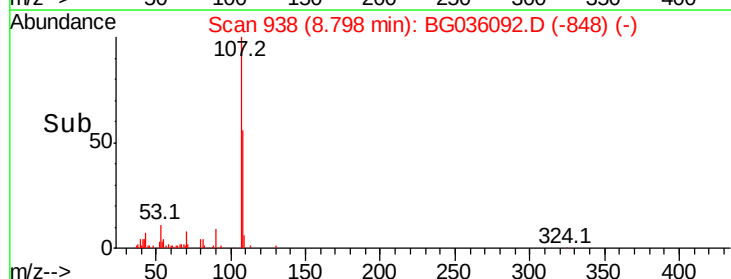
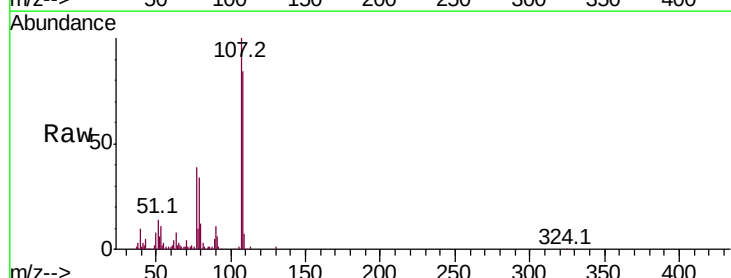
Manual Integrations  
APPROVED

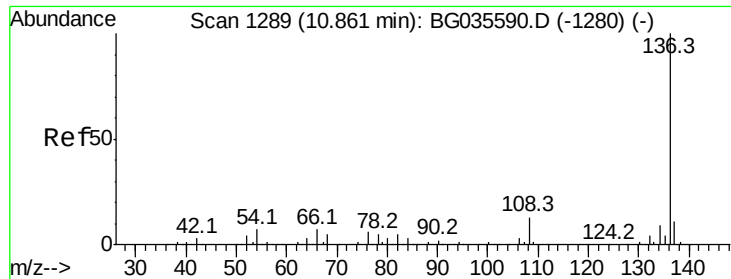
Sohil  
8/6/2018 9:57:36 AM



#20  
3+4-Methylphenols  
Concen: 44.163 ng  
RT: 8.80 min Scan# 938  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.5  | 61.6  | 101.6 |
| 77      | 38.7  | 13.9  | 53.9  |
| 79      | 34.5  | 8.8   | 48.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

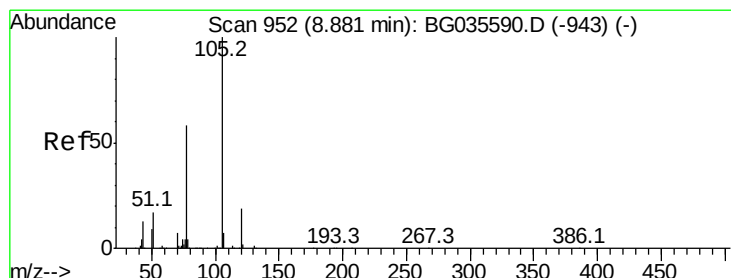
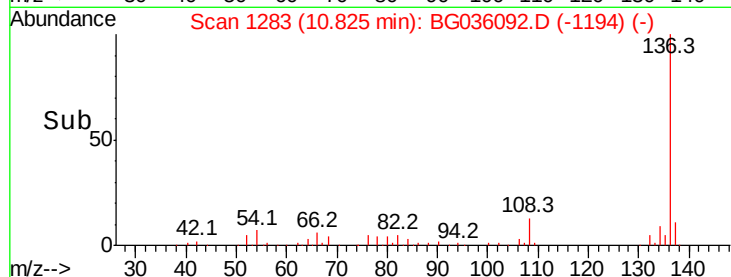
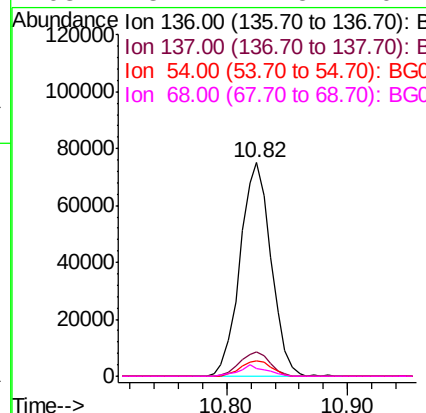
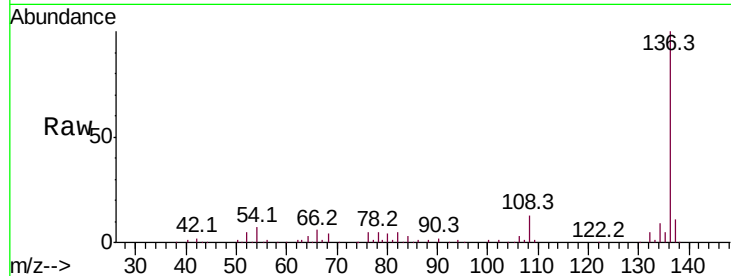
ClientSampleId :

OK-03-073118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 9.2  | 13.8  |       |
| 54      | 7.5   | 10.3 | 15.5# |       |
| 68      | 3.7   | 4.5  | 6.7#  |       |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#22

Acetophenone

Concen: 46.737 ng

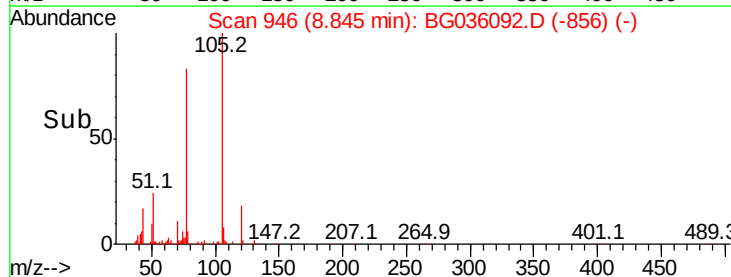
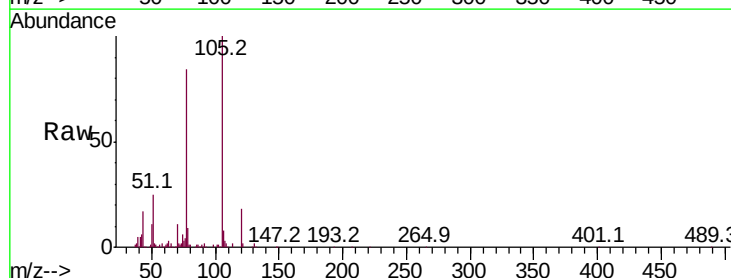
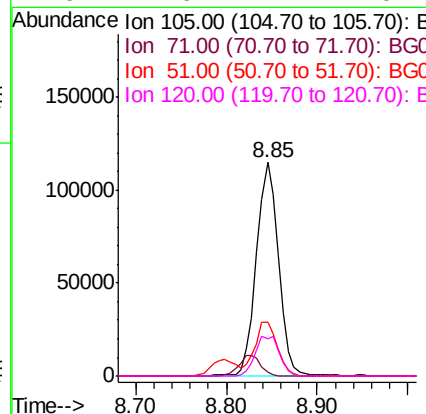
RT: 8.85 min Scan# 946

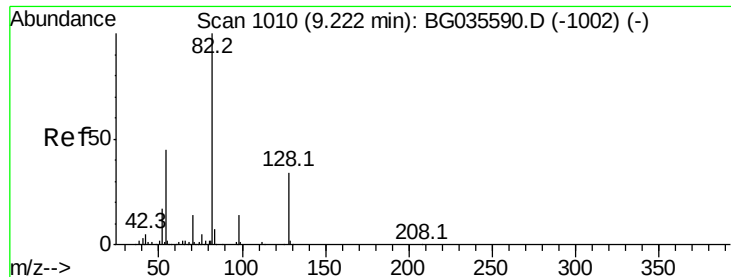
Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.6   | 3.0  | 4.4#  |       |
| 51      | 25.0  | 26.1 | 39.1# |       |
| 120     | 17.6  | 17.4 | 26.2  |       |





#23

Nitrobenzene-d5

Concen: 100.492 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

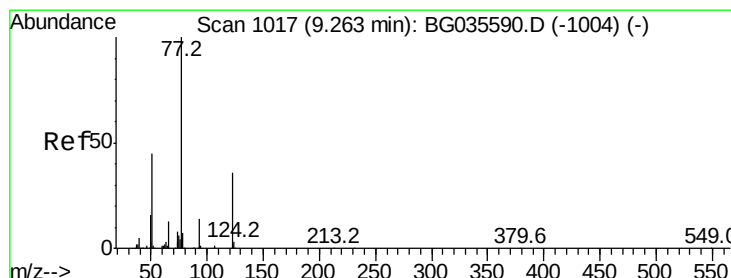
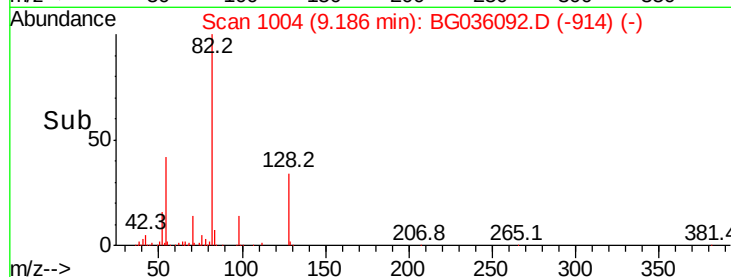
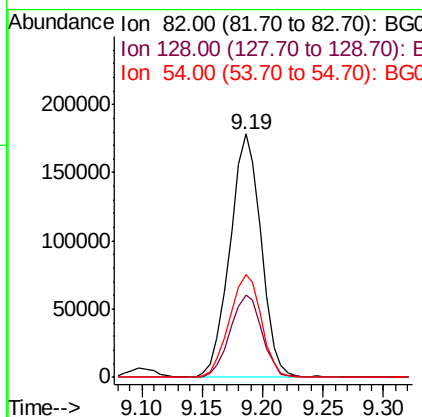
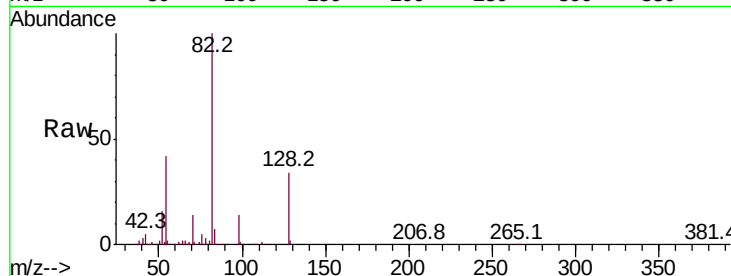
ClientSampleId :

OK-03-073118MSD

| Tot Ion | 82    | Resp  | 321769 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 34.1  | 29.7  | 44.5   |
| 54      | 42.1  | 43.1  | 64.7#  |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#24

Nitrobenzene

Concen: 49.481 ng

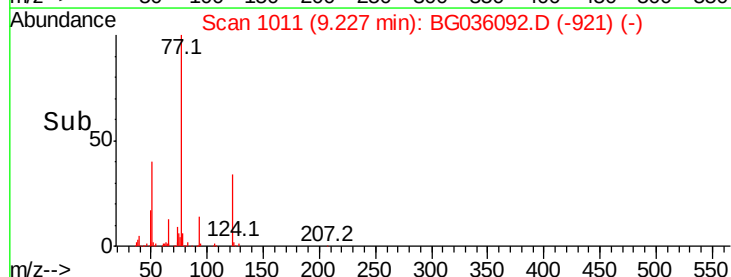
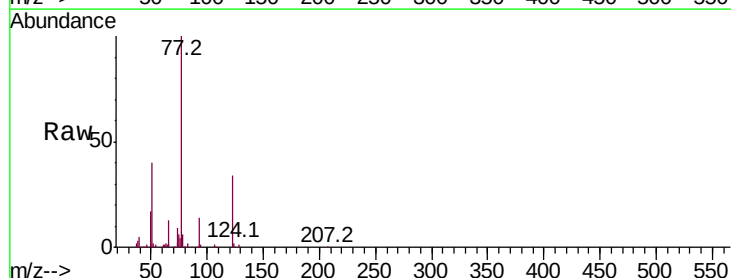
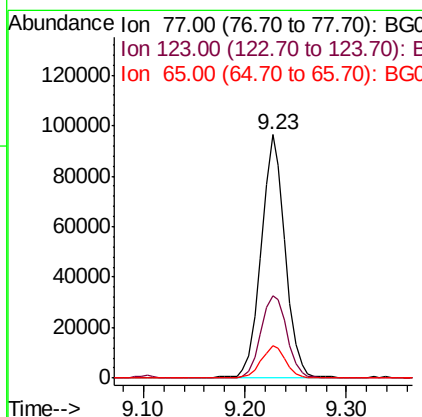
RT: 9.23 min Scan# 1011

Delta R.T. -0.00 min

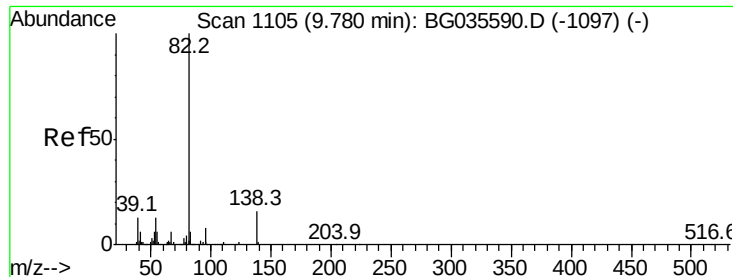
Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

| Tgt Ion | 77    | Resp  | 159336 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 33.9  | 33.0  | 49.6   |
| 65      | 13.4  | 13.0  | 19.6   |







#25

Isophorone

Concen: 50.933 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

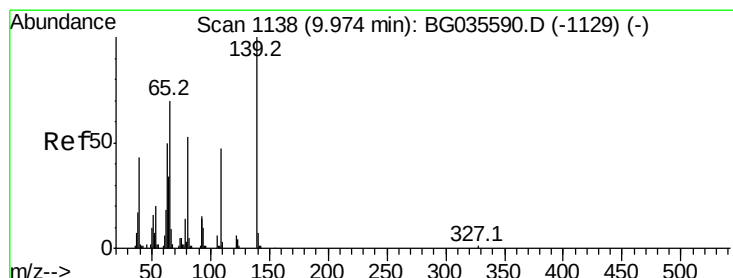
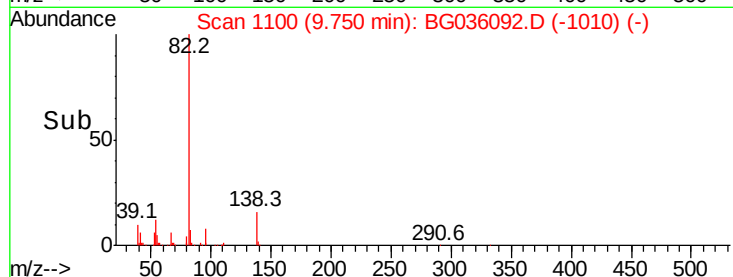
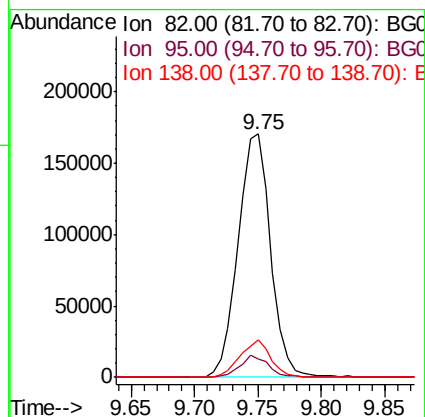
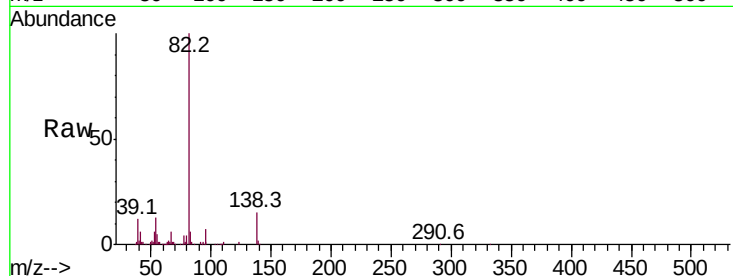
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 302738 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.5   | 6.2   | 9.2    |
| 138       | 15.5  | 12.1  | 18.1   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#26

2-Nitrophenol

Concen: 56.011 ng

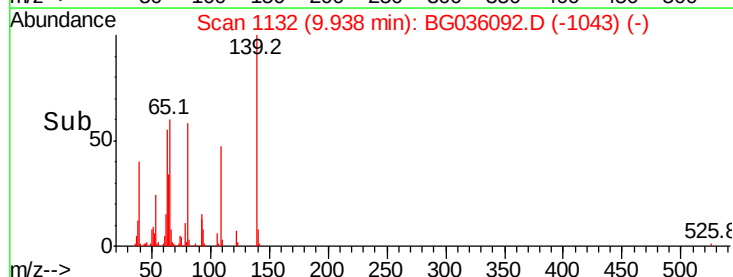
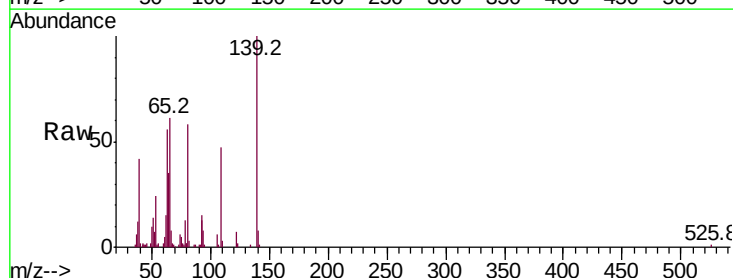
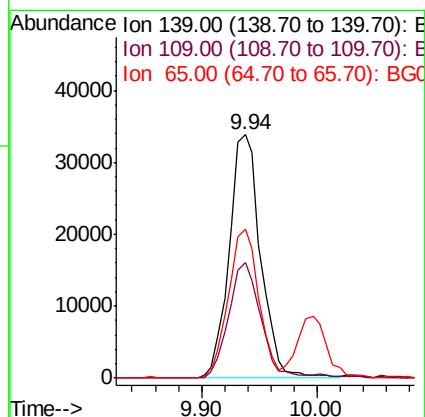
RT: 9.94 min Scan# 1132

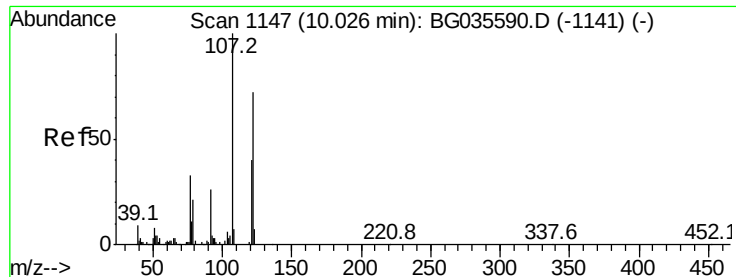
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 64057 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 47.5  | 24.2  | 36.2# |
| 65        | 61.3  | 47.4  | 71.0  |





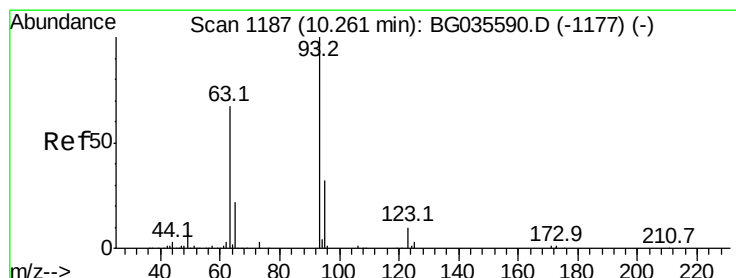
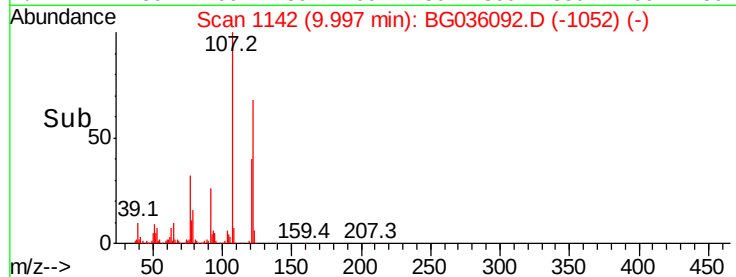
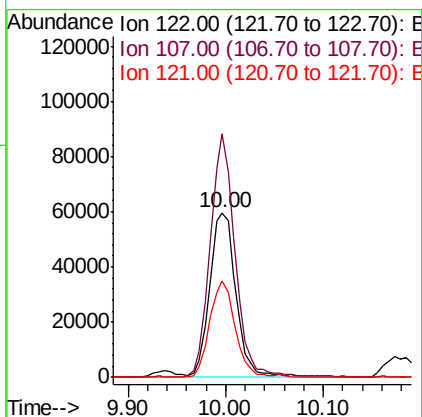
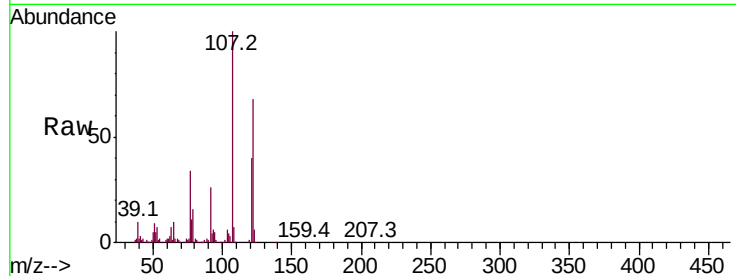
#27  
2,4-Dimethylphenol  
Concen: 57.578 ng  
RT: 10.00 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 147.9 | 100.2 | 150.2 |
| 121     | 58.9  | 44.4  | 66.6  |

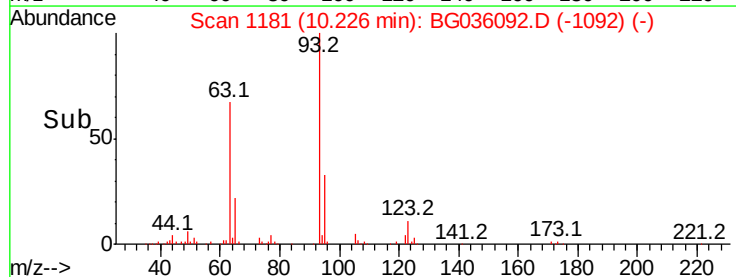
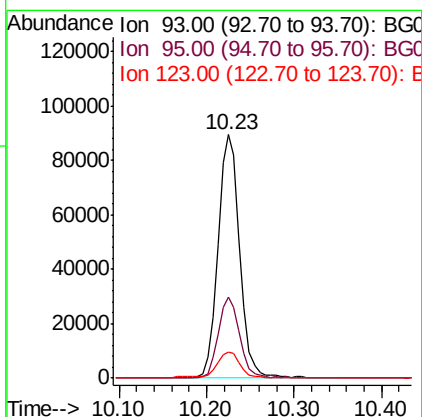
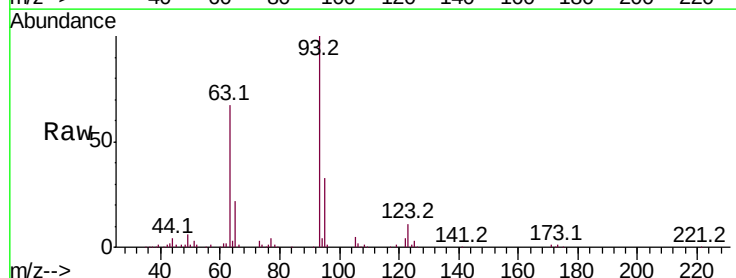
Manual Integrations  
APPROVED

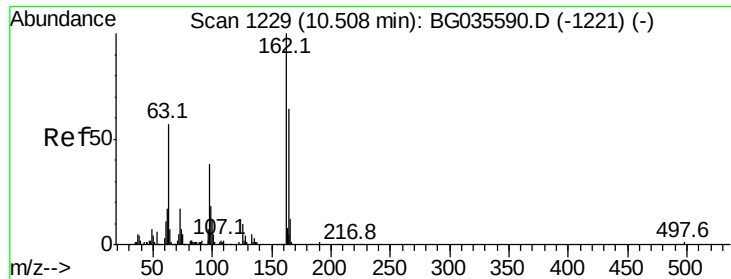
Sohil  
8/6/2018 9:57:36 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.579 ng  
RT: 10.23 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 24.3  | 36.5  |
| 123     | 10.9  | 8.4   | 12.6  |





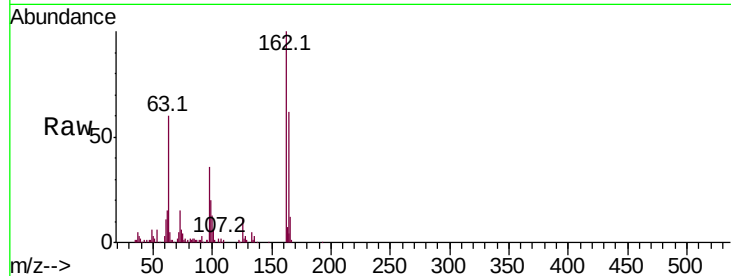
#29  
 2,4-Dichlorophenol  
 Concen: 55.537 ng  
 RT: 10.48 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

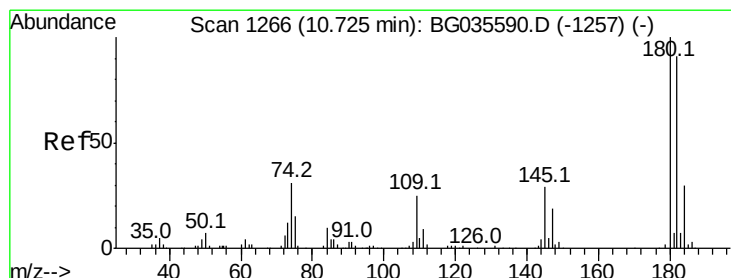
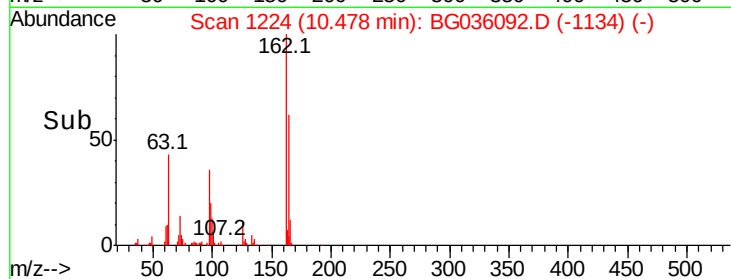
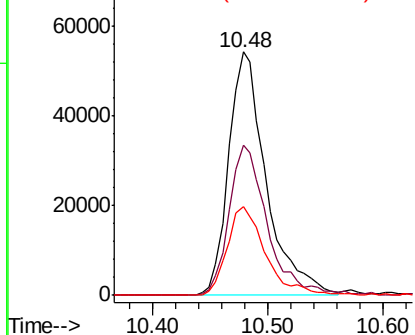
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 122727 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 61.7  | 48.0  | 88.0   |
| 98        | 36.3  | 21.1  | 61.1   |

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 9:57:36 AM

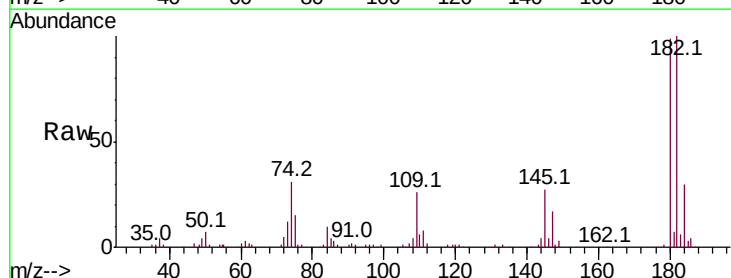


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

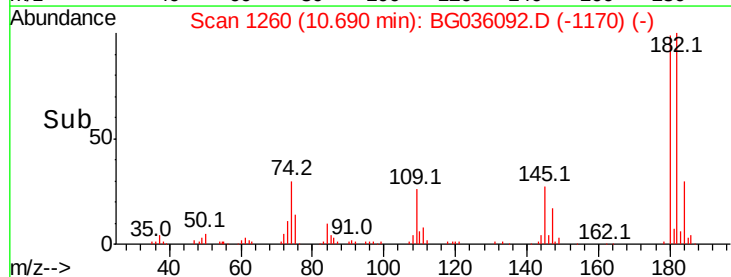
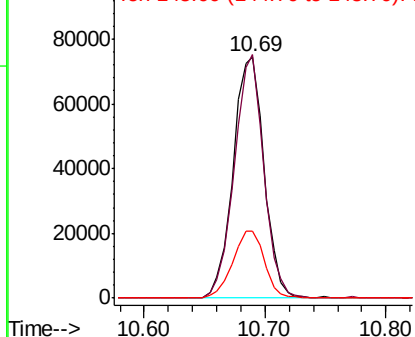


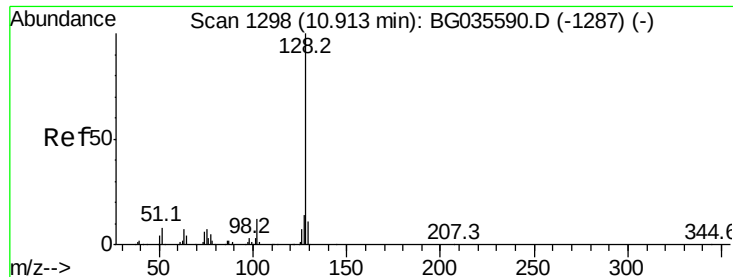
#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.112 ng  
 RT: 10.69 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 133080 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 100.8 | 77.5  | 116.3  |
| 145       | 27.6  | 23.4  | 35.2   |



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





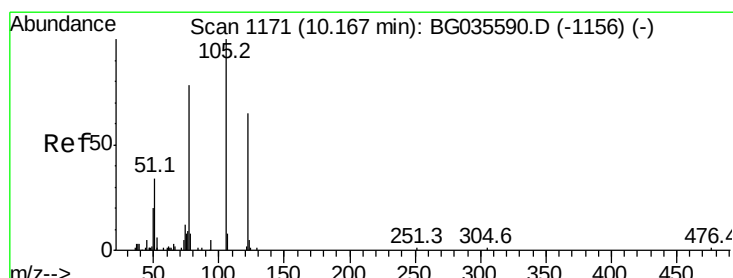
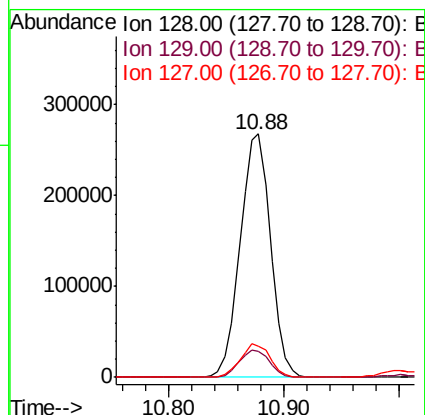
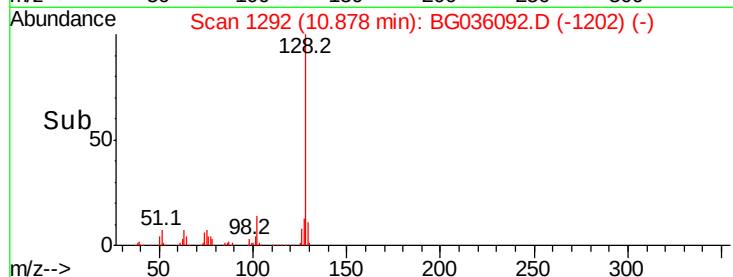
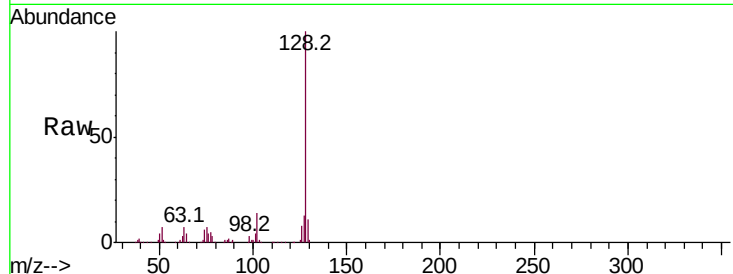
#31  
Naphthalene  
Concen: 69.956 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.8  | 8.6  | 12.8  |       |
| 127     | 13.0  | 11.6 | 17.4  |       |

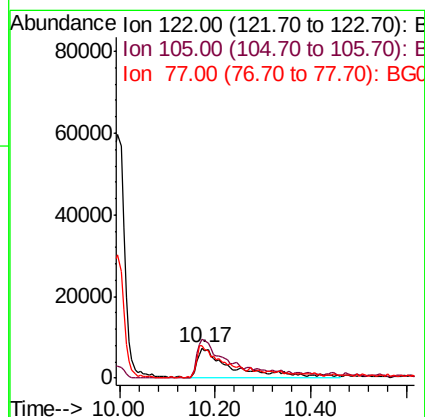
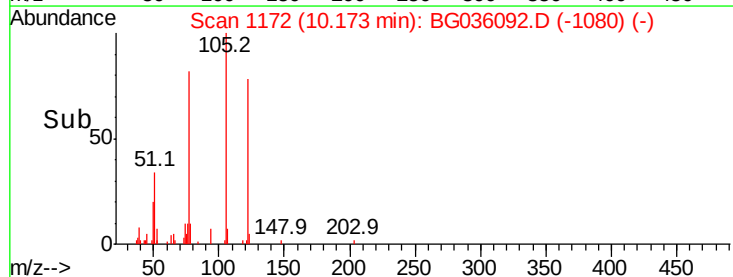
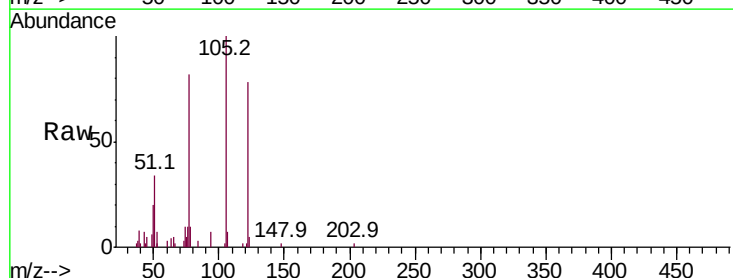
Manual Integrations  
APPROVED

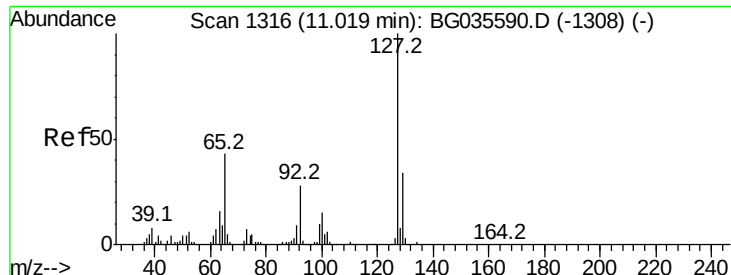
Sohil  
8/6/2018 9:57:36 AM



#32  
Benzoic acid  
Concen: 30.242 ng m  
RT: 10.17 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 128.5 | 123.5 | 163.5 |       |
| 77      | 105.7 | 85.7  | 125.7 |       |





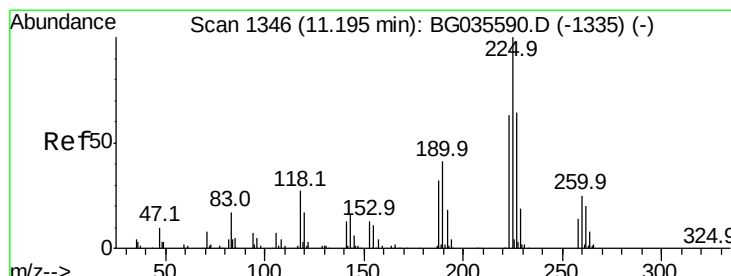
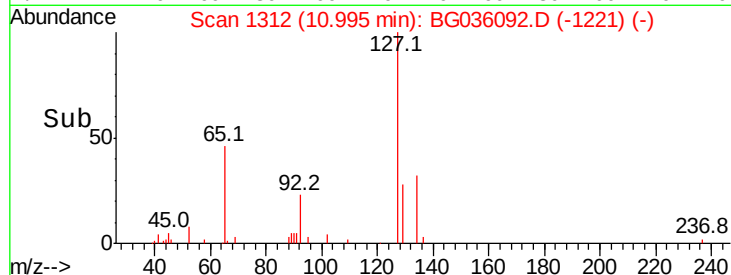
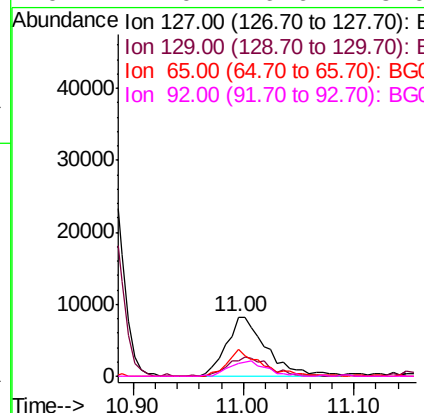
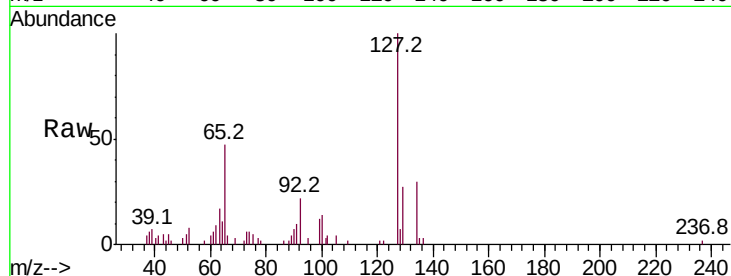
#33  
4-Chloroaniline  
Concen: 6.898 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 26.6  | 24.0  | 36.0  |
| 65      | 46.6  | 27.0  | 40.4  |
| 92      | 22.0  | 16.6  | 25.0  |

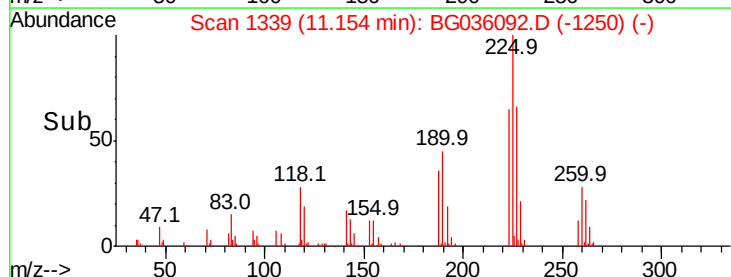
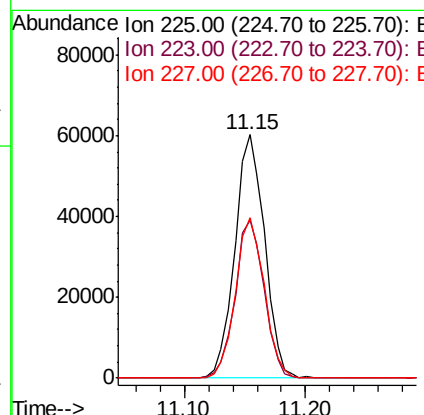
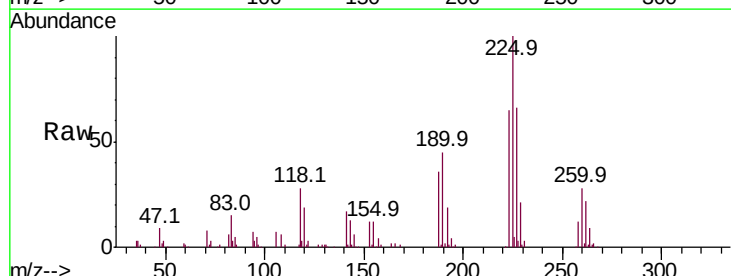
Manual Integrations  
APPROVED

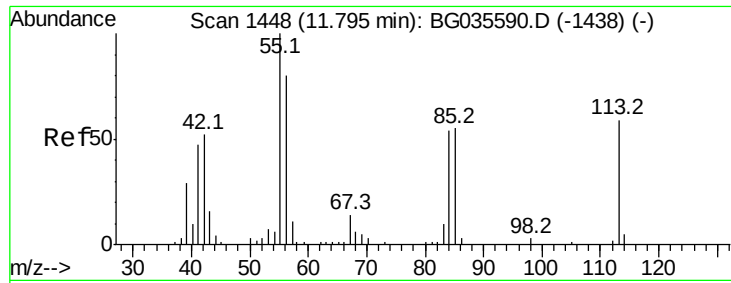
Sohil  
8/6/2018 9:57:36 AM



#34  
Hexachlorobutadiene  
Concen: 48.806 ng  
RT: 11.15 min Scan# 1339  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.7  | 49.7  | 74.5  |
| 227     | 66.1  | 48.1  | 72.1  |





#35

Caprolactam

Concen: 30.537 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

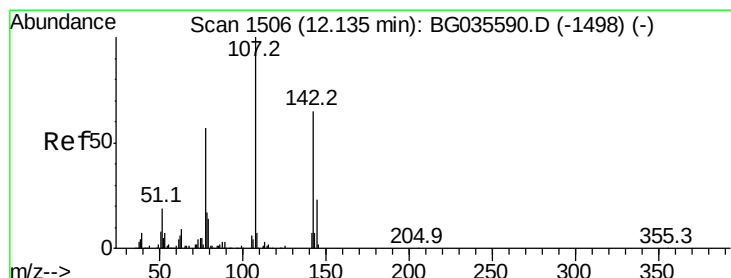
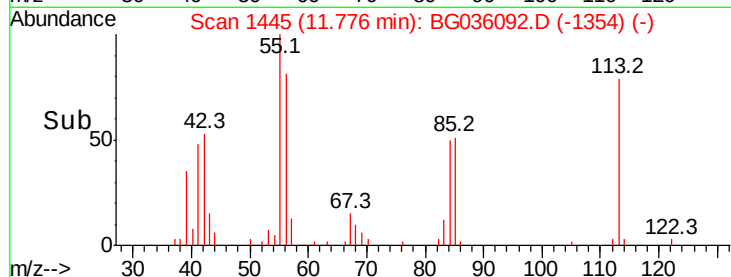
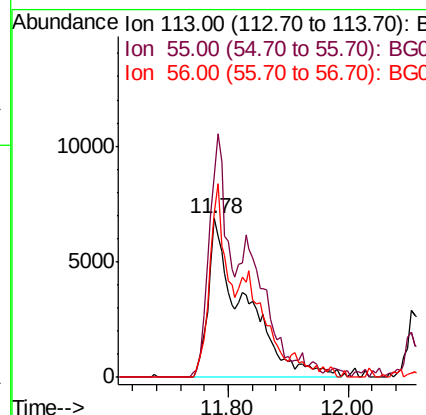
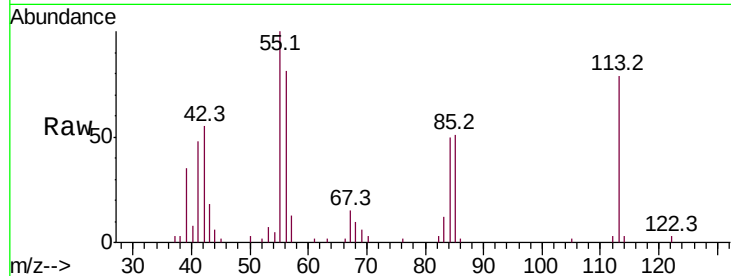
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 28959  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 126.6 | 186.9 | 226.9# |
| 56        | 103.1 | 130.9 | 170.9# |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#36

4-Chloro-3-methylphenol

Concen: 48.179 ng/ml

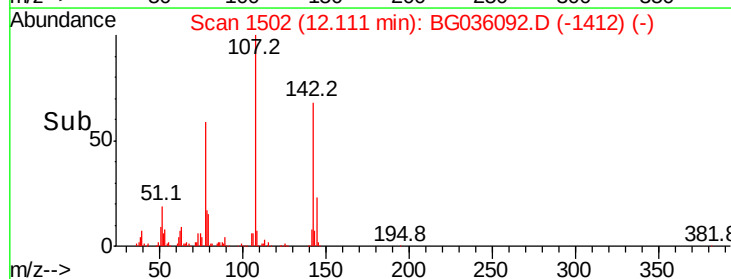
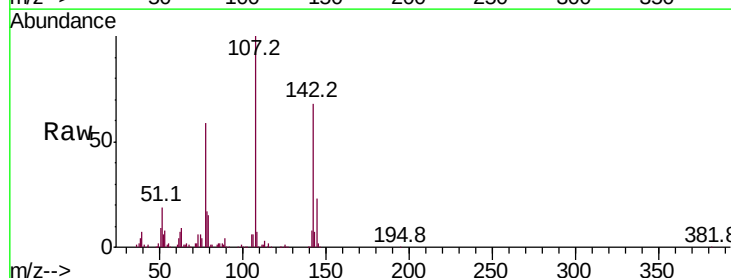
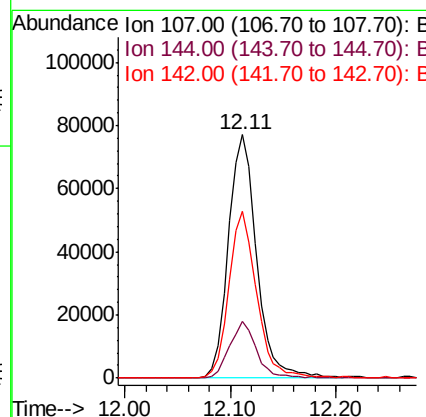
RT: 12.11 min Scan# 1502

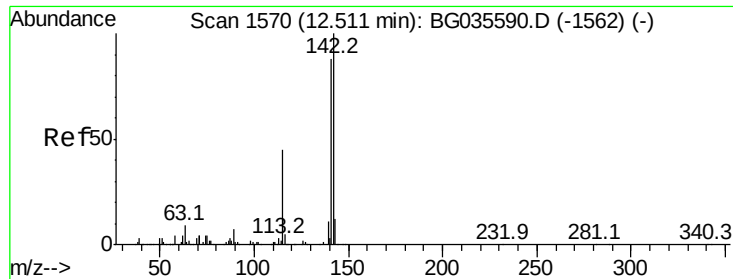
Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 142710 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.0  | 18.2  | 27.4   |
| 142       | 68.4  | 59.0  | 88.4   |





#37

2-Methylnaphthalene

Concen: 51.602 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

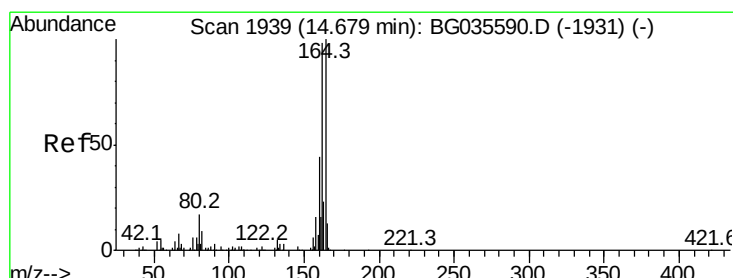
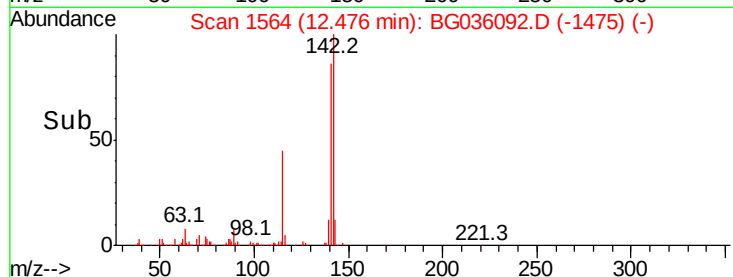
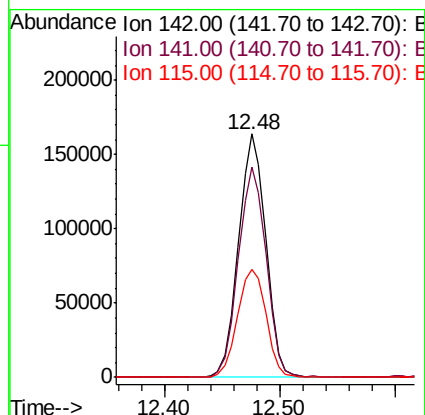
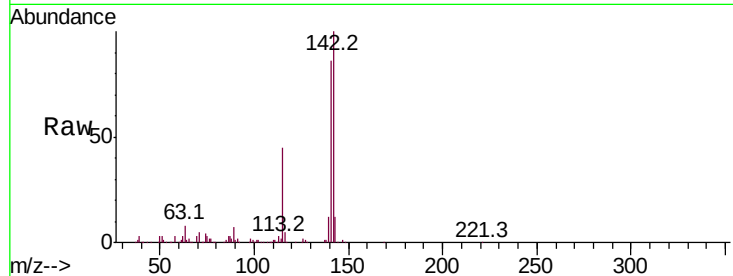
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 267865 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 86.3  | 67.1  | 100.7  |
| 115       | 44.5  | 30.7  | 46.1   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#38

Acenaphthene-d10

Concen: 20.000 ng

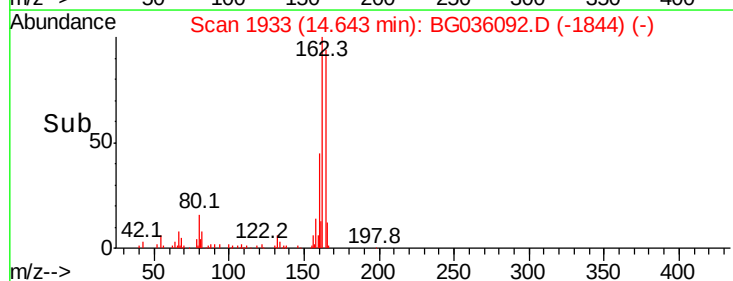
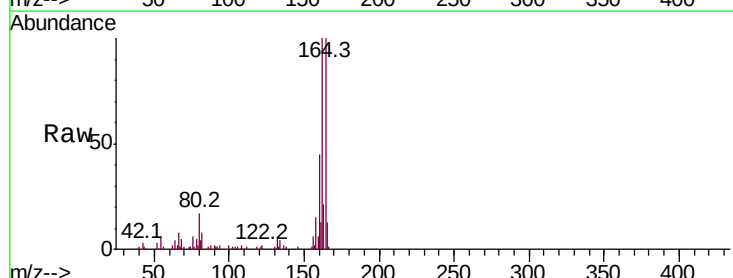
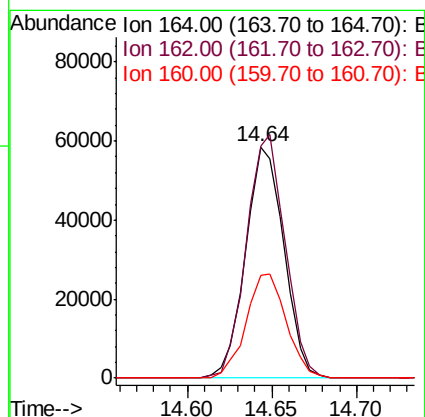
RT: 14.64 min Scan# 1933

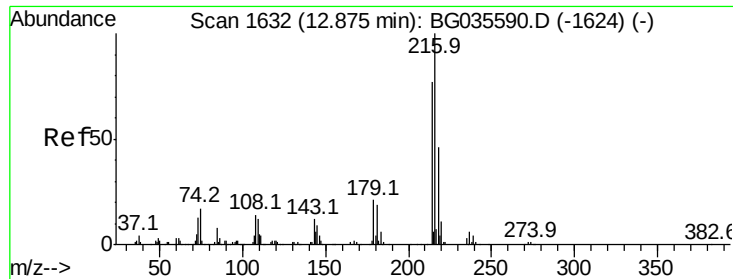
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 92573 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 100.3 | 78.8  | 118.2 |
| 160       | 44.7  | 35.4  | 53.0  |





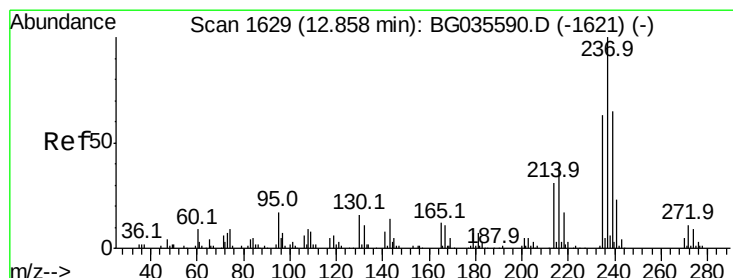
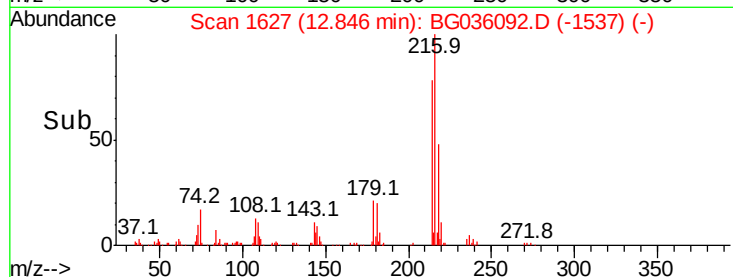
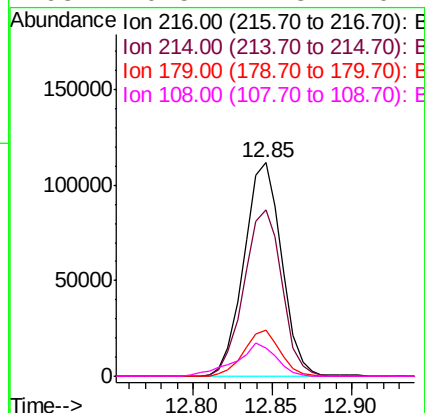
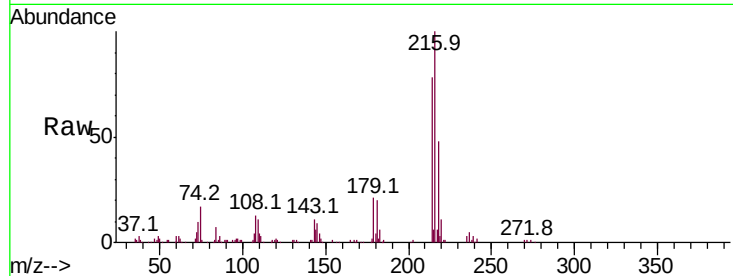
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 52.826 ng  
 RT: 12.85 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.5  | 63.0 | 94.4  |       |
| 179     | 20.7  | 17.0 | 25.6  |       |
| 108     | 16.5  | 12.8 | 19.2  |       |

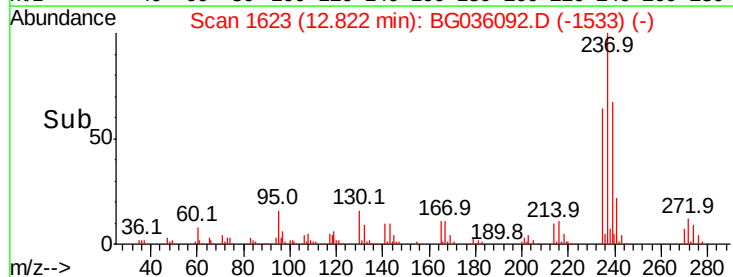
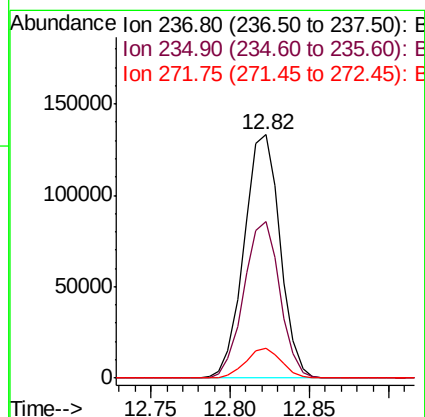
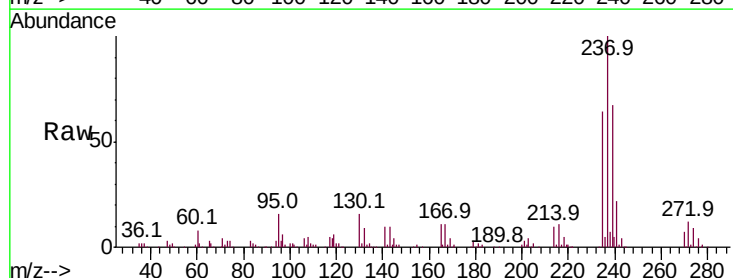
Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 9:57:36 AM

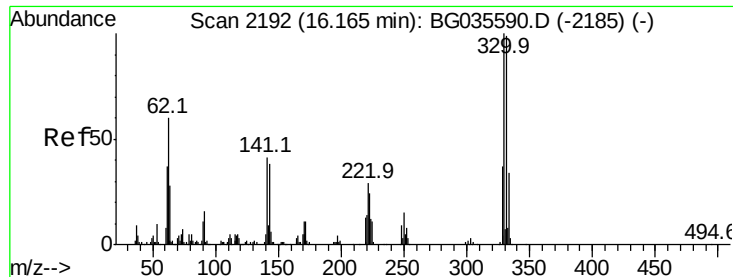


#40  
 Hexachlorocyclopentadiene  
 Concen: 114.422 ng  
 RT: 12.82 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 64.2  | 50.4 | 90.4  |       |
| 272     | 12.1  | 0.0  | 31.8  |       |







#41

2,4,6-Tribromophenol

Concen: 158.437 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

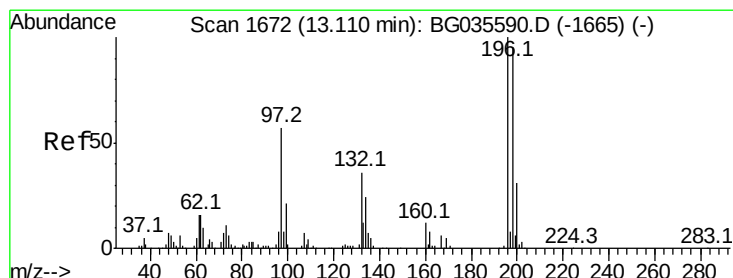
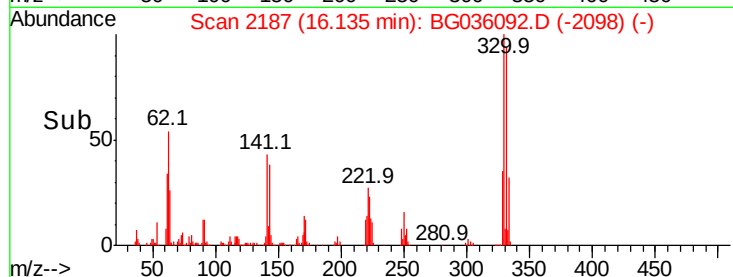
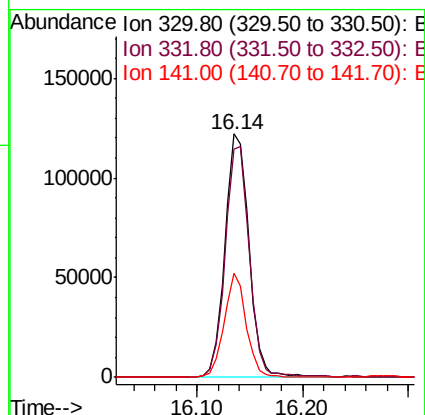
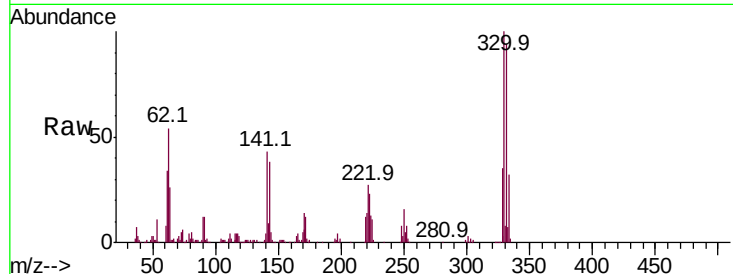
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 193320 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 77.0  | 115.6  |
| 141       | 39.3  | 25.2  | 37.8#  |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#42

2,4,6-Trichlorophenol

Concen: 55.740 ng

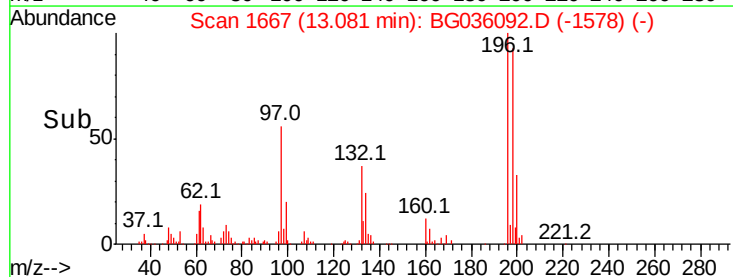
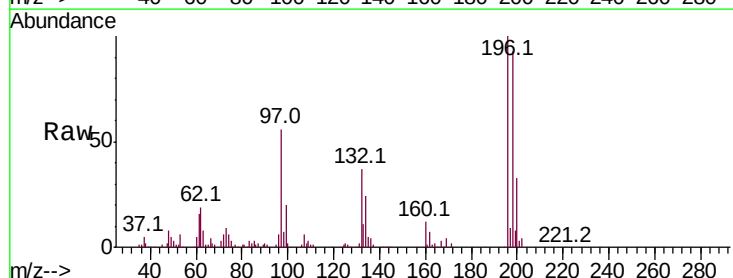
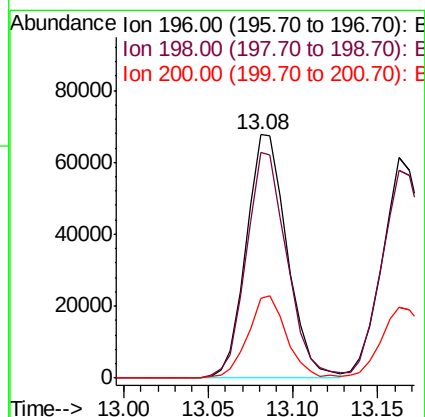
RT: 13.08 min Scan# 1667

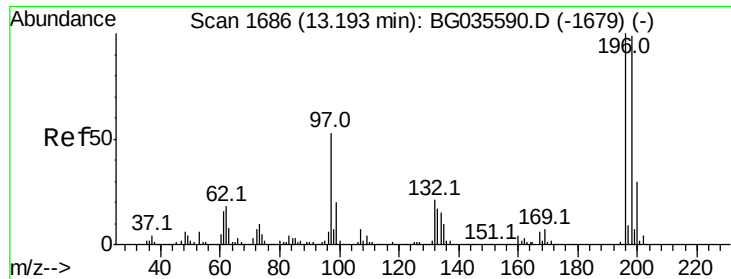
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 113895 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.6  | 78.2  | 117.2  |
| 200       | 32.8  | 24.6  | 36.8   |





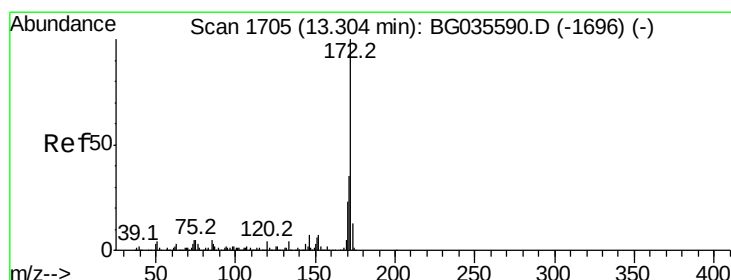
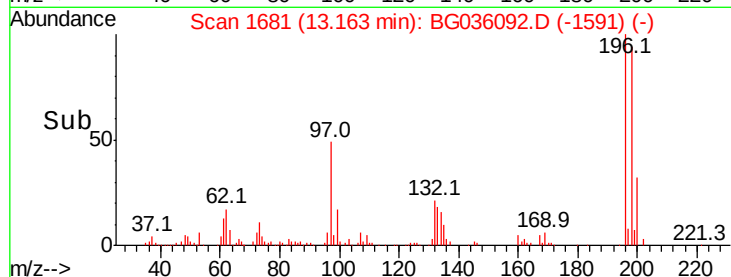
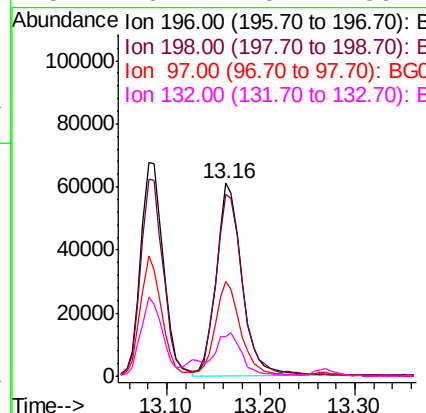
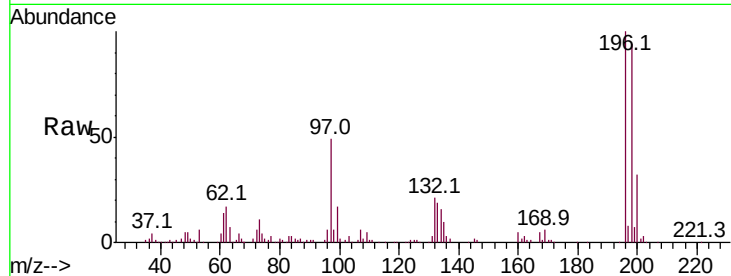
#43  
2,4,5-Trichlorophenol  
Concen: 51.445 ng  
RT: 13.16 min Scan# 1681  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion   | 196   | Resp  | 117596 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.3  | 76.2  | 114.4  |
| 97        | 49.0  | 38.7  | 58.1   |
| 132       | 20.7  | 20.2  | 30.2   |

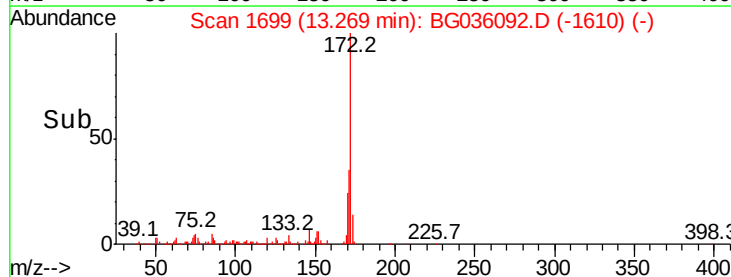
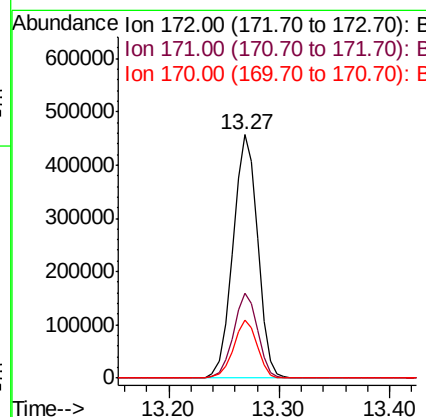
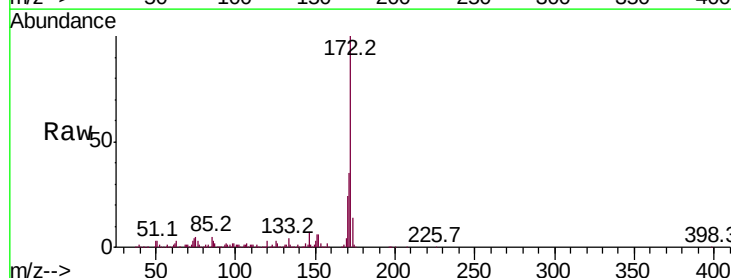
Manual Integrations  
APPROVED

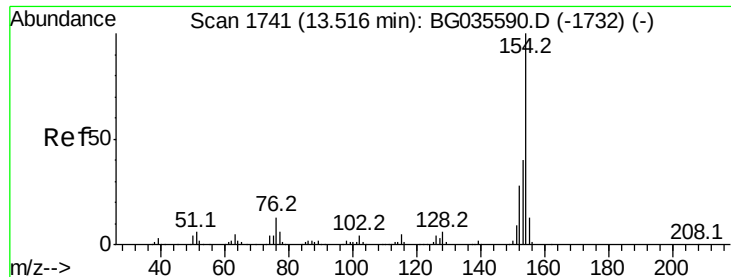
Sohil  
8/6/2018 9:57:36 AM



#44  
2-Fluorobiphenyl  
Concen: 103.522 ng  
RT: 13.27 min Scan# 1699  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion   | 172   | Resp  | 715313 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.6  | 30.0  | 45.0   |
| 170       | 23.7  | 19.5  | 29.3   |





#45

1,1'-Biphenyl

Concen: 50.577 ng

RT: 13.48 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

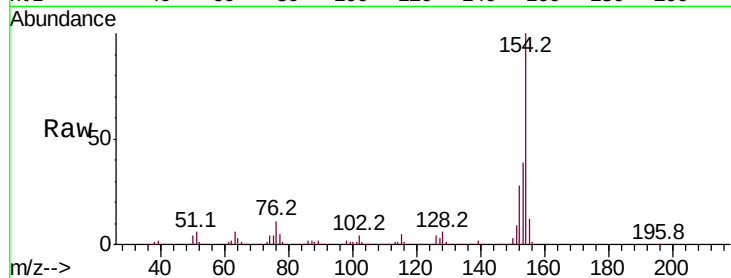
ClientSampleId :

OK-03-073118MSD

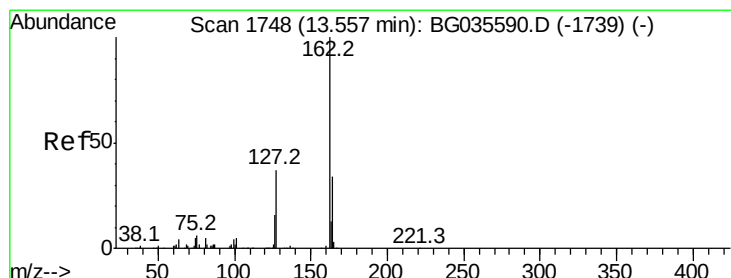
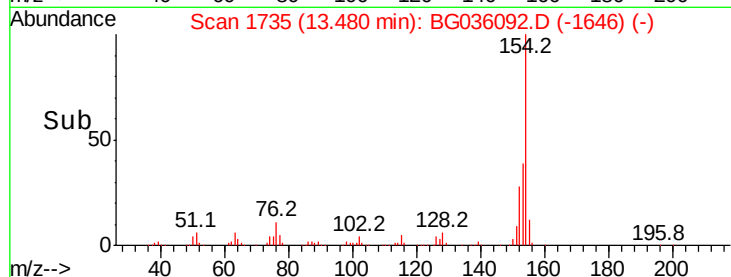
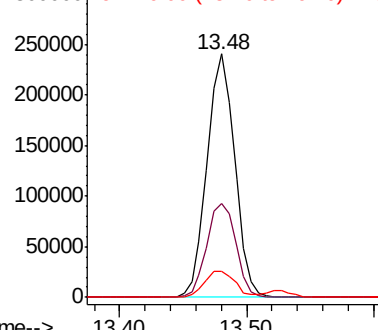
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 362994 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 38.6  | 19.8  | 59.8   |
| 76        | 10.7  | 0.0   | 31.9   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 50.853 ng

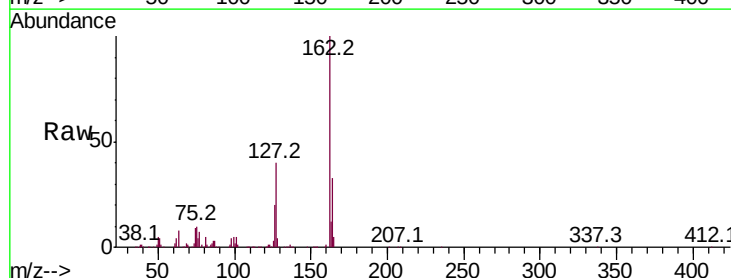
RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

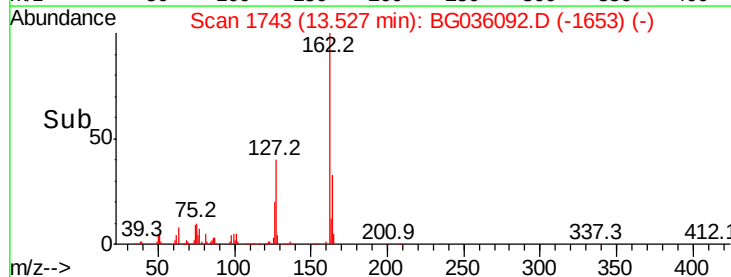
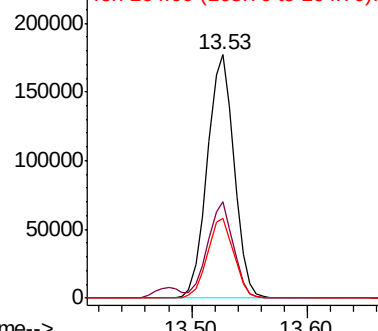
Lab File: BG036092.D

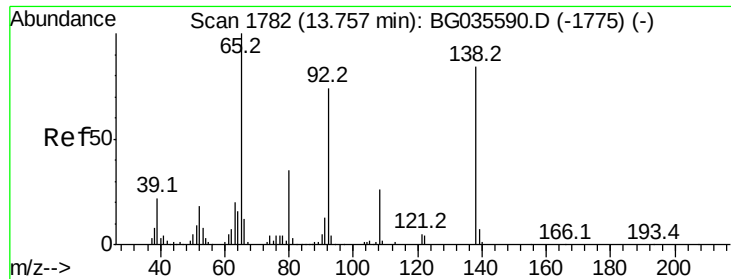
Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 283897 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.8  | 30.7  | 46.1   |
| 164       | 32.8  | 26.0  | 39.0   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.361 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

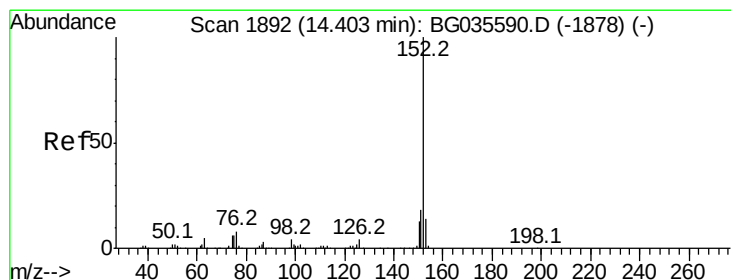
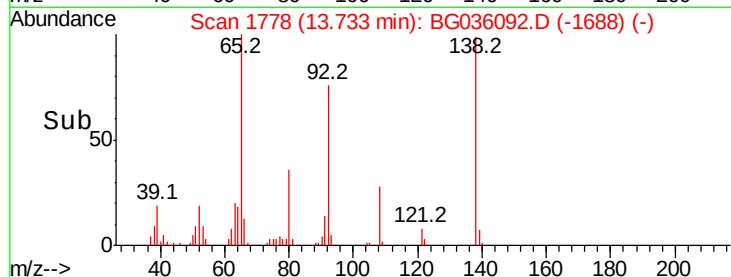
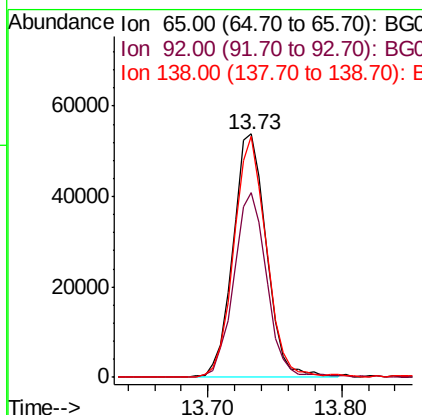
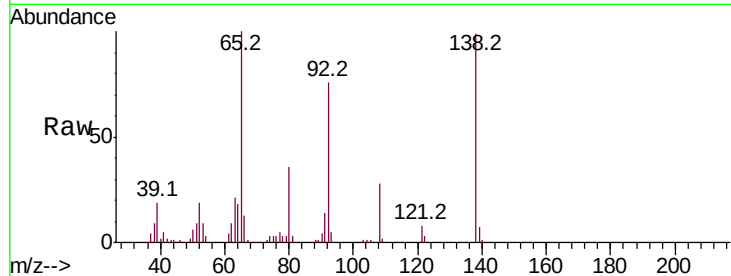
ClientSampleId :

OK-03-073118MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 93474 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 76.0  | 54.6  | 82.0  |
| 138       | 98.8  | 72.9  | 109.3 |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#48

Acenaphthylene

Concen: 49.508 ng

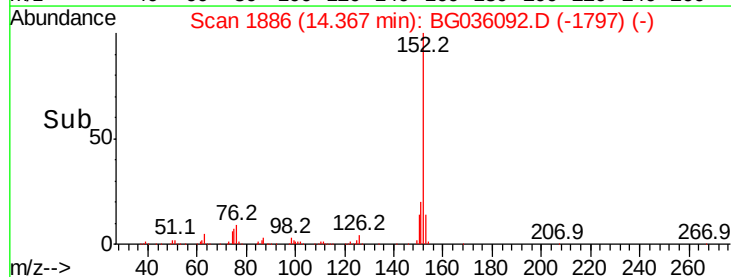
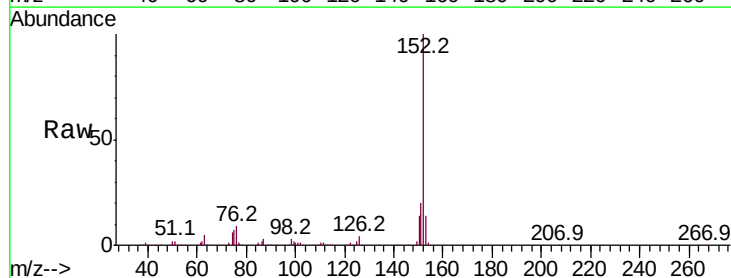
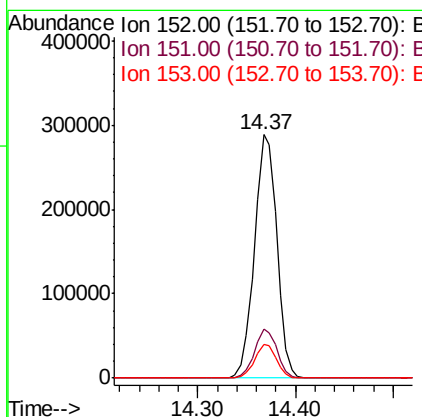
RT: 14.37 min Scan# 1886

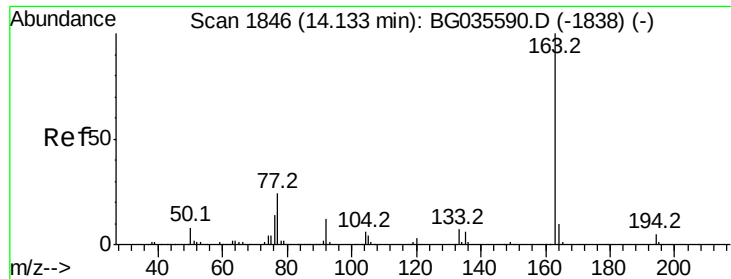
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 462977 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 17.2  | 25.8   |
| 153       | 13.9  | 10.2  | 15.4   |





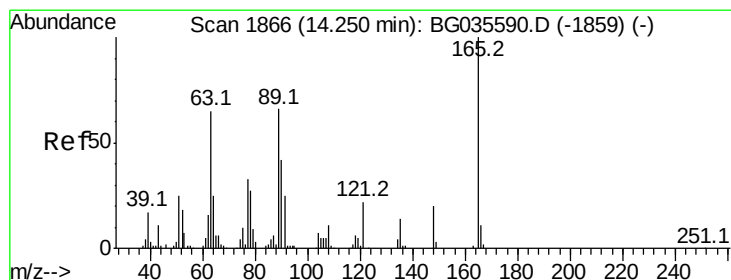
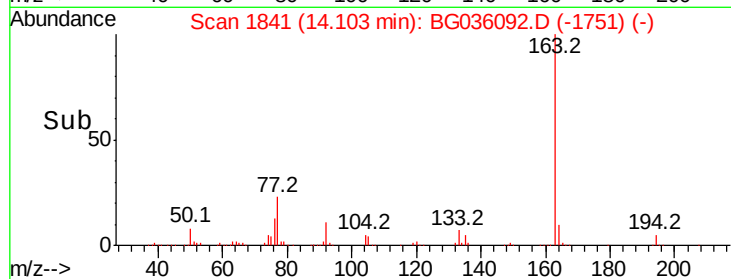
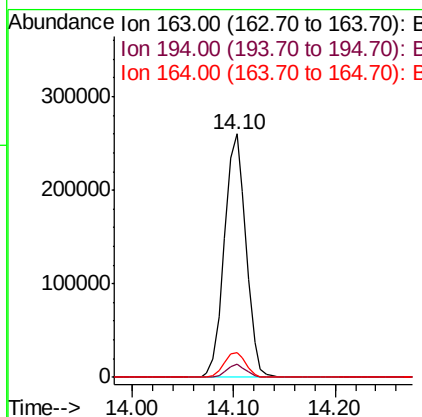
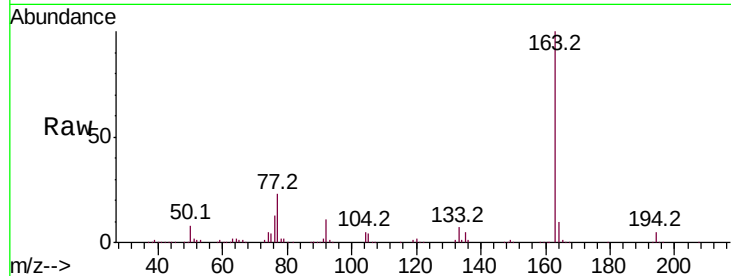
#49  
Dimethylphthalate  
Concen: 47.398 ng  
RT: 14.10 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 384435 |       |       |
| 194     | 5.3   | 3.4    | 5.2#  |       |
| 164     | 10.4  | 8.2    | 12.4  |       |

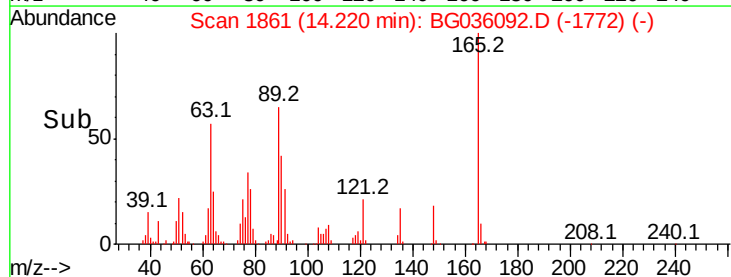
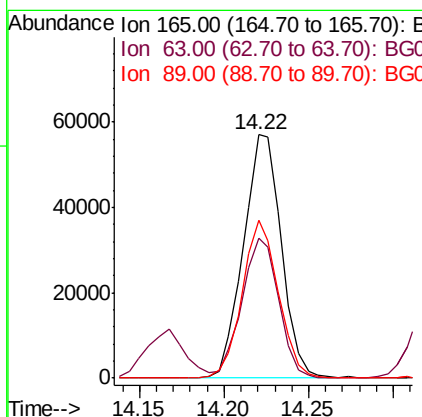
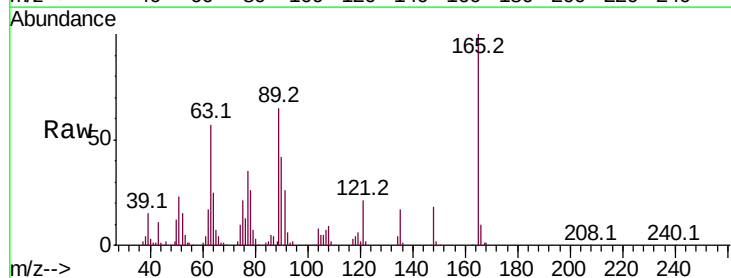
Manual Integrations  
APPROVED

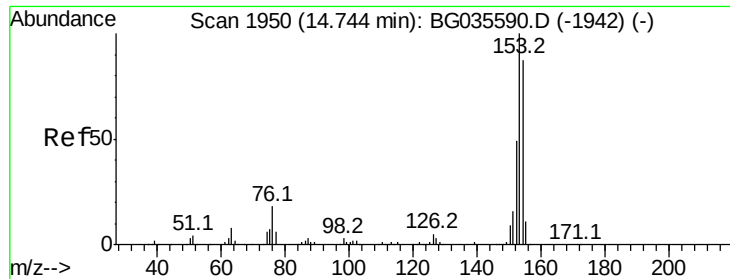
Sohil  
8/6/2018 9:57:36 AM



#50  
2,6-Dinitrotoluene  
Concen: 53.752 ng  
RT: 14.22 min Scan# 1861  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 88779 |       |       |
| 63      | 57.5  | 52.7  | 79.1  |       |
| 89      | 64.7  | 49.2  | 73.8  |       |





#51

Acenaphthene

Concen: 48.008 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

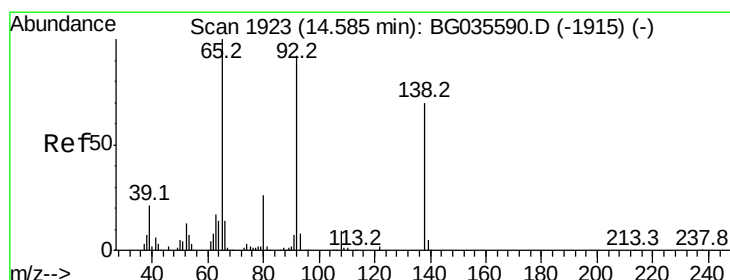
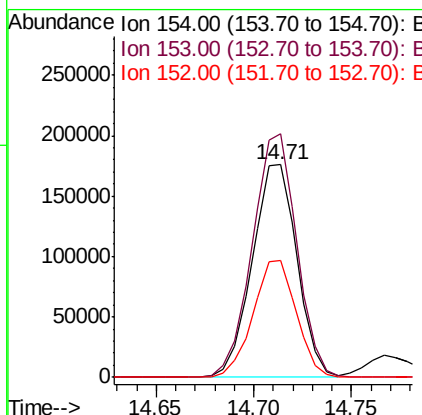
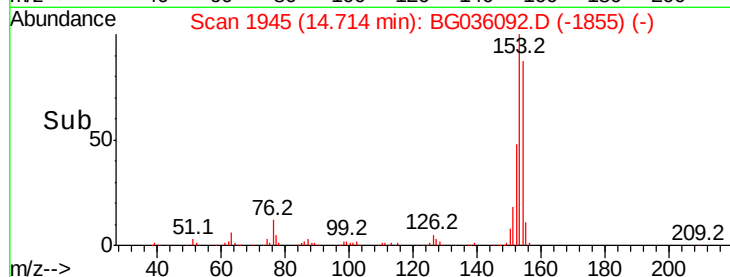
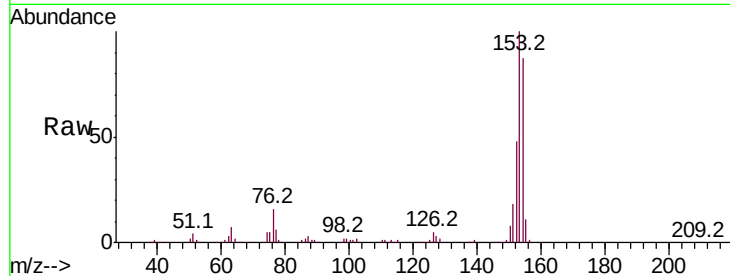
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 279667 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.6 | 90.4  | 135.6  |
| 152       | 54.8  | 41.6  | 62.4   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#52

3-Nitroaniline

Concen: 27.762 ng

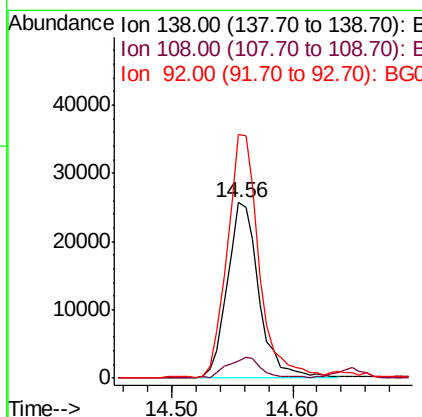
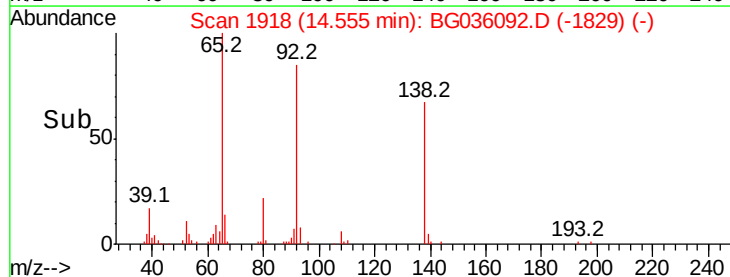
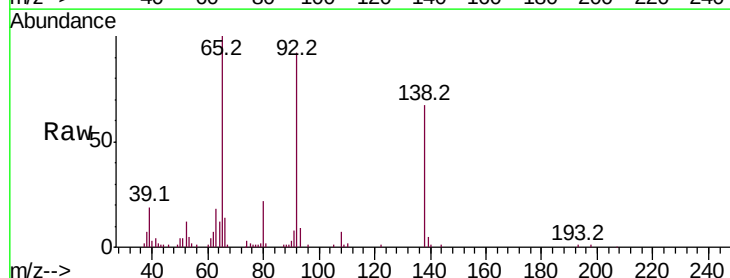
RT: 14.56 min Scan# 1918

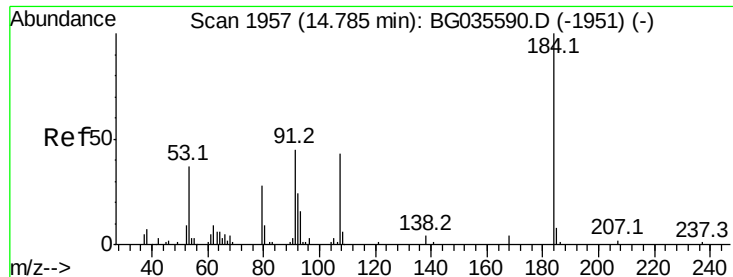
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 46865 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.8   | 17.5  | 26.3# |
| 92        | 138.6 | 105.8 | 158.8 |





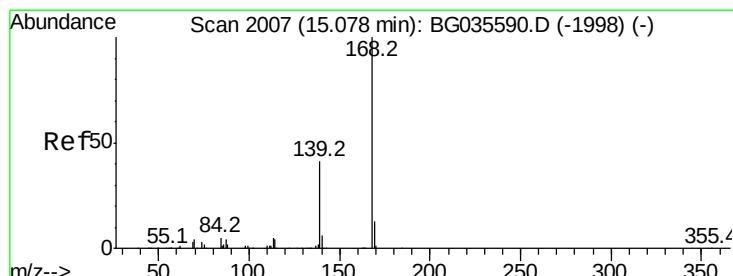
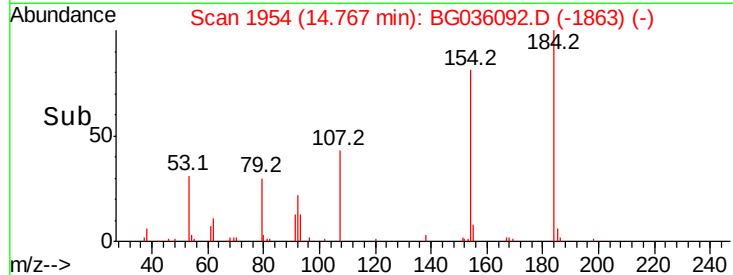
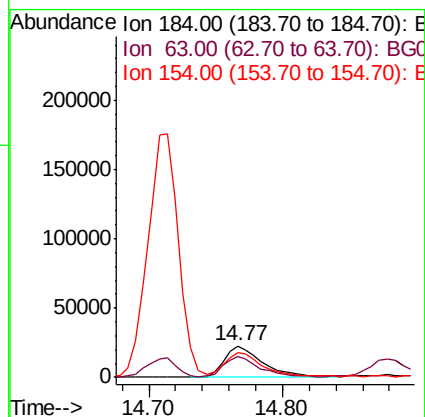
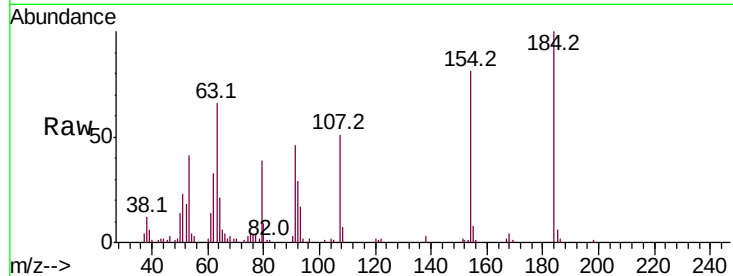
#53  
 2,4-Dinitrophenol  
 Concen: 56.066 ng  
 RT: 14.77 min Scan# 1954  
 Delta R.T. 0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   |       |       |       |
| 63      | 65.9  | 59.8  | 89.8  |       |
| 154     | 80.6  | 101.8 | 152.8 |       |

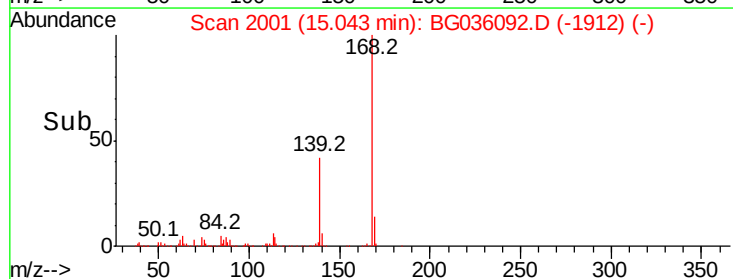
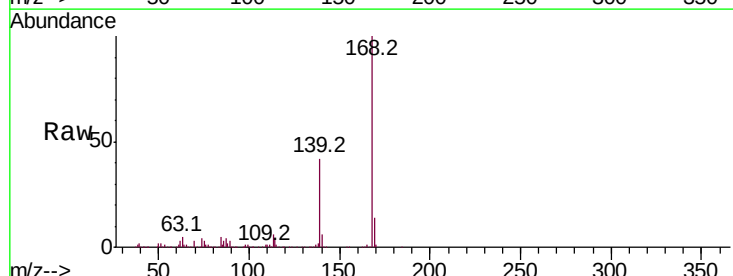
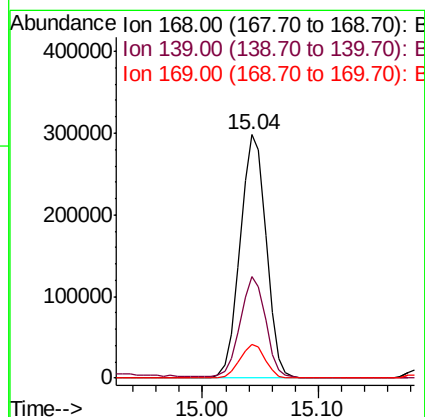
Manual Integrations  
 APPROVED

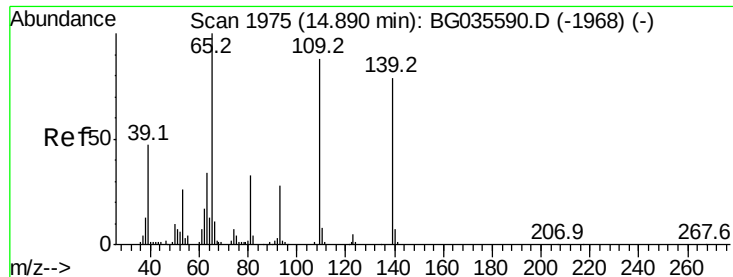
Sohil  
 8/6/2018 9:57:36 AM



#54  
 Dibenzofuran  
 Concen: 50.159 ng  
 RT: 15.04 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 41.5  | 28.6 | 43.0  |       |
| 169     | 13.7  | 11.2 | 16.8  |       |





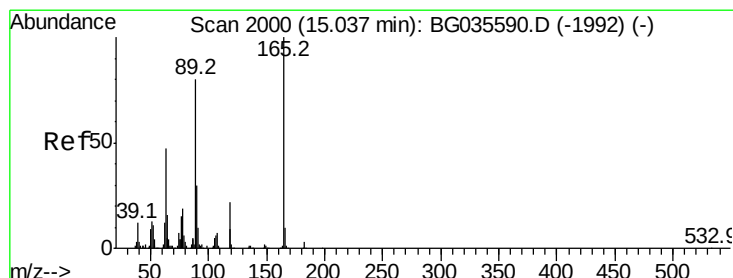
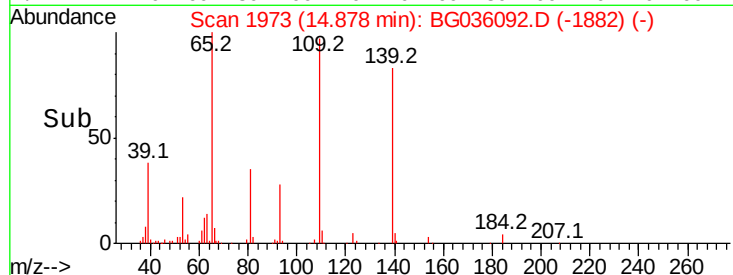
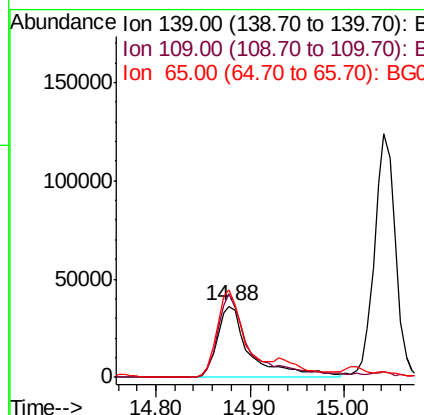
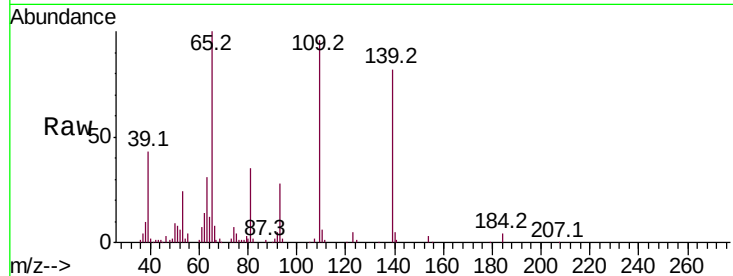
#55  
4-Nitrophenol  
Concen: 74.693 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 117.2 | 62.2  | 102.2# |
| 65      | 122.1 | 97.2  | 137.2  |

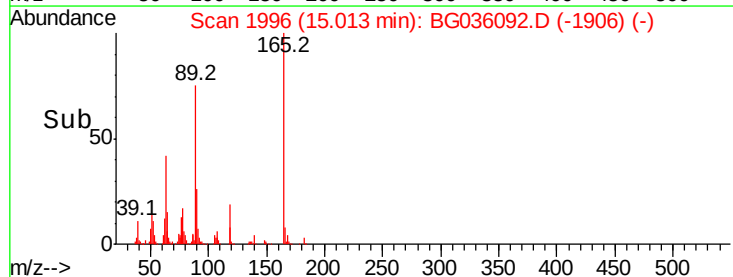
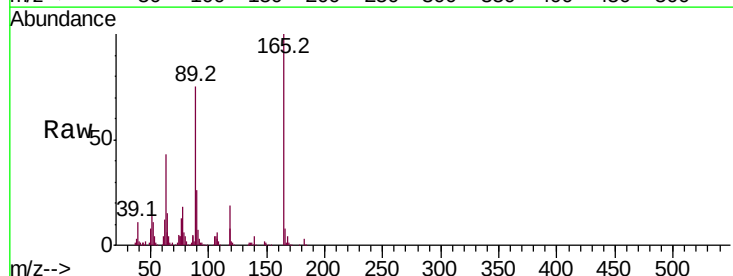
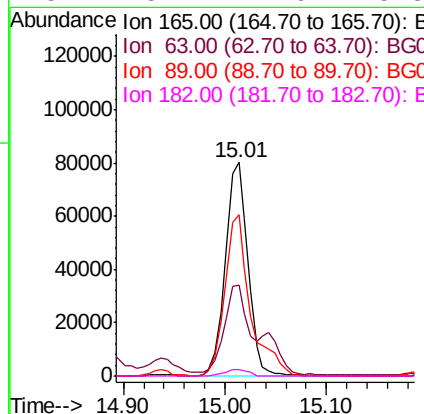
Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM

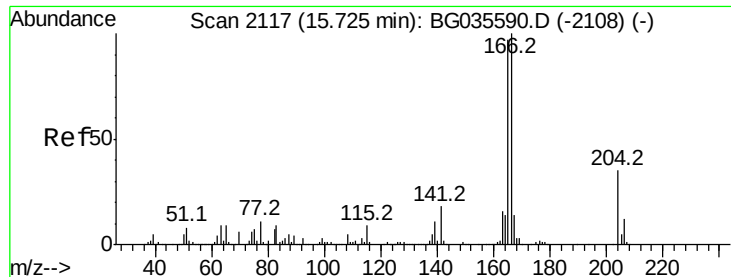


#56  
2,4-Dinitrotoluene  
Concen: 52.230 ng  
RT: 15.01 min Scan# 1996  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.6  | 42.0  | 63.0  |
| 89      | 75.3  | 66.9  | 100.3 |
| 182     | 3.2   | 2.6   | 3.8   |







#57

Fluorene

Concen: 48.742 ng

RT: 15.69 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

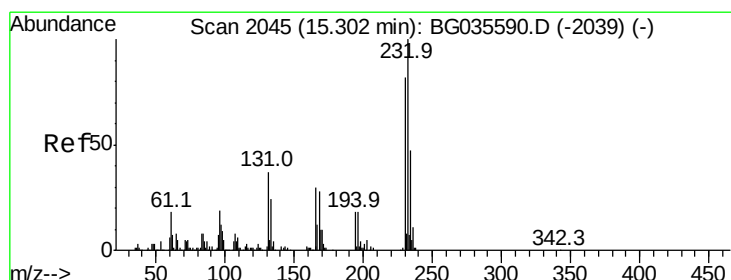
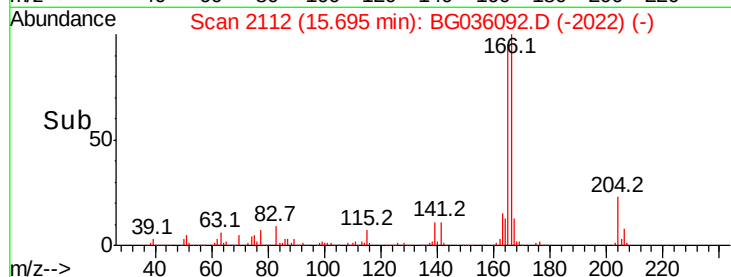
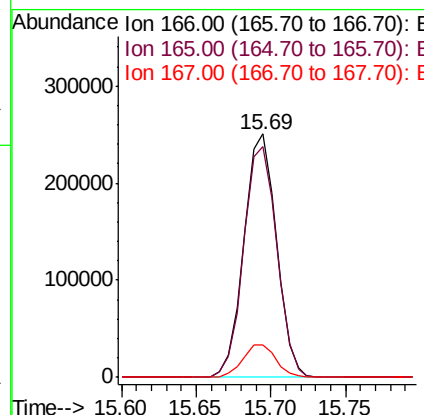
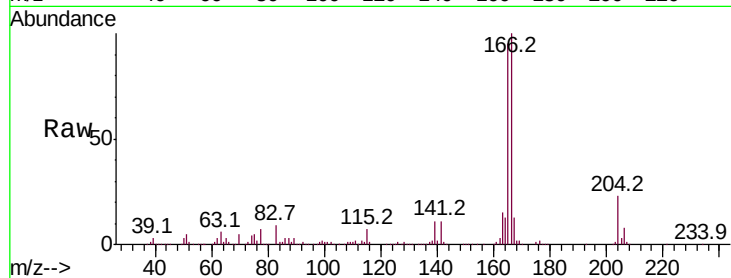
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 378484 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 94.8  | 80.6  | 121.0  |
| 167       | 13.1  | 10.4  | 15.6   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.627 ng

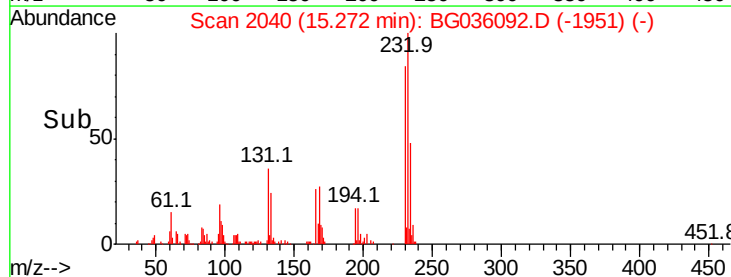
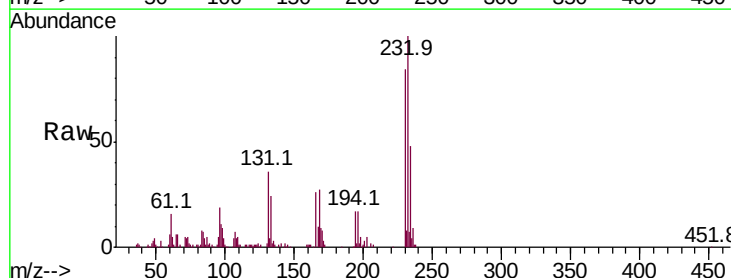
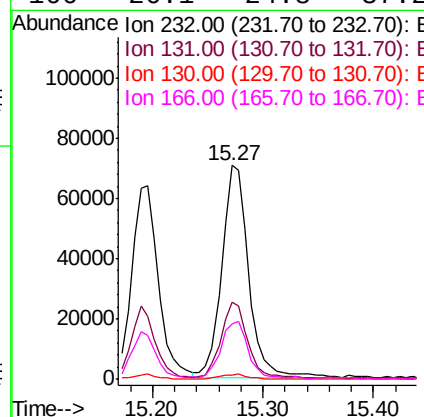
RT: 15.27 min Scan# 2040

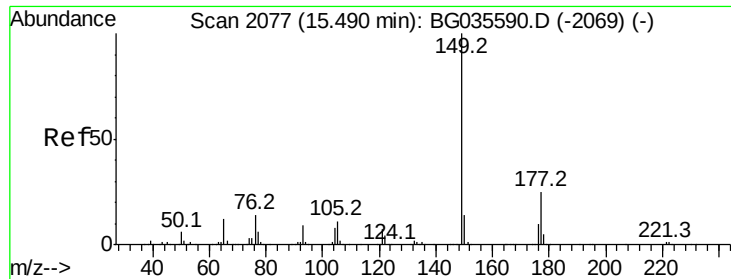
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 119724 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 35.1  | 33.5  | 50.3   |
| 130       | 2.2   | 2.2   | 3.2    |
| 166       | 26.1  | 24.8  | 37.2   |





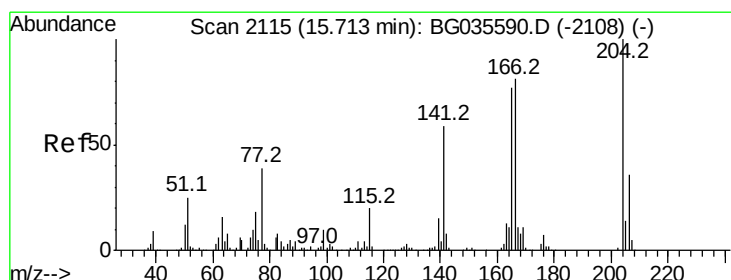
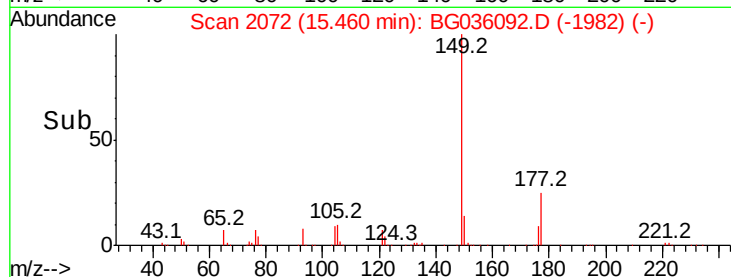
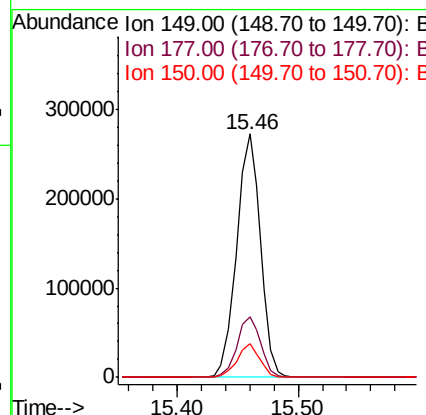
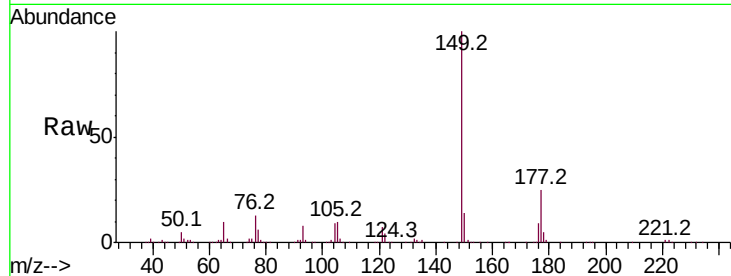
#59  
Diethylphthalate  
Concen: 44.806 ng  
RT: 15.46 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.9  | 18.5  | 27.7  |
| 150     | 13.7  | 10.2  | 15.2  |

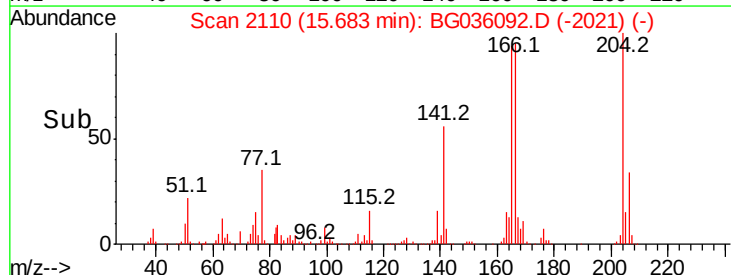
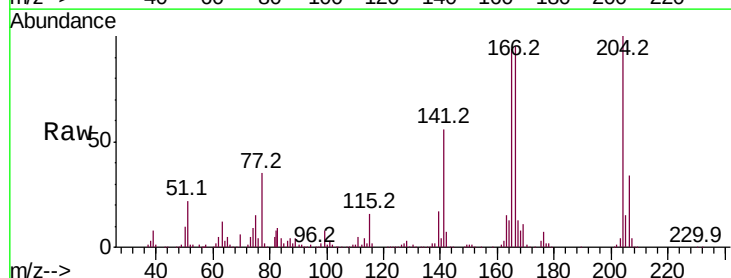
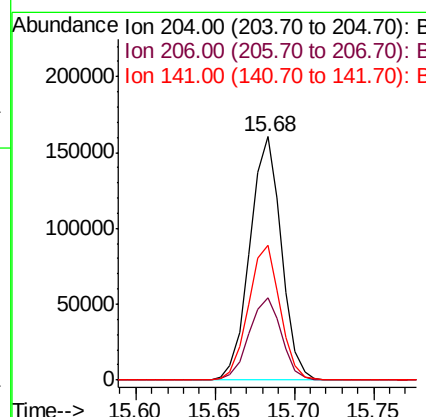
Manual Integrations  
APPROVED

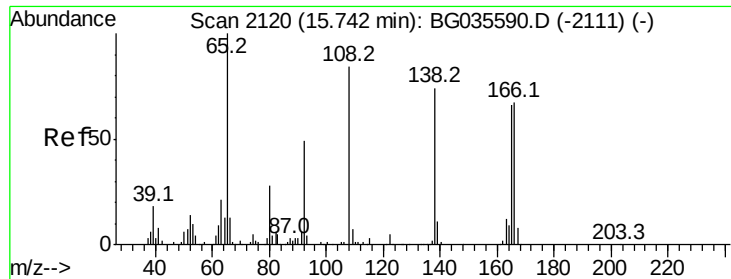
Sohil  
8/6/2018 9:57:36 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.352 ng  
RT: 15.68 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.8  | 26.2  | 39.2  |
| 141     | 55.6  | 45.8  | 68.6  |





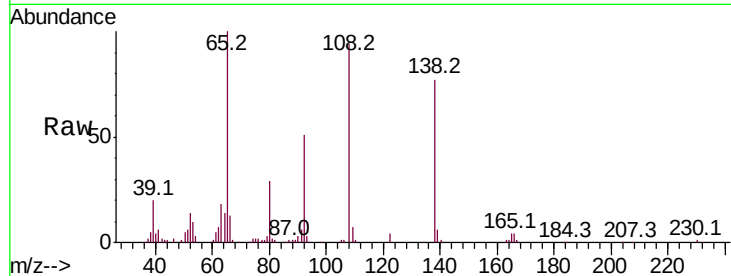
#61  
4-Nitroaniline  
Concen: 44.522 ng  
RT: 15.72 min Scan# 2117  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 65.9  | 40.1  | 80.1  |
| 108     | 122.6 | 65.4  | 105.4 |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM

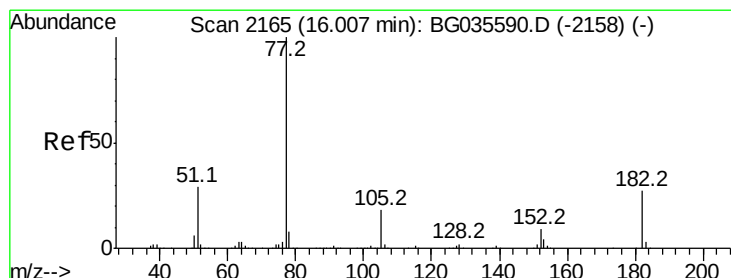
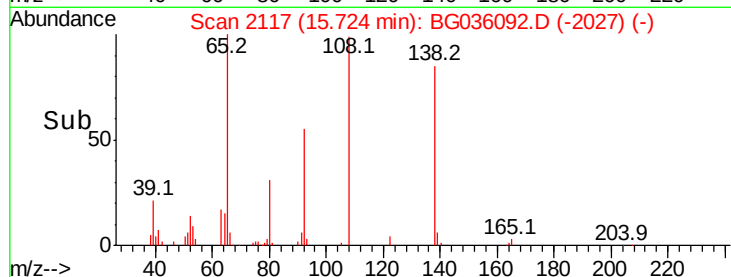
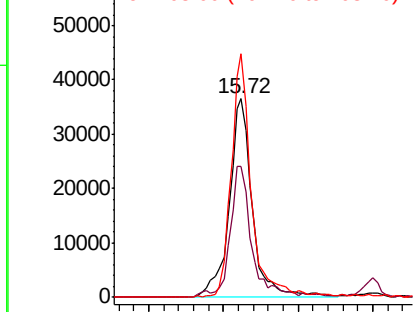


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62  
Azobenzene  
Concen: 46.368 ng  
RT: 15.98 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.3  | 7.4   | 47.4  |
| 105     | 18.6  | 0.3   | 40.3  |
| 51      | 25.7  | 11.6  | 51.6  |

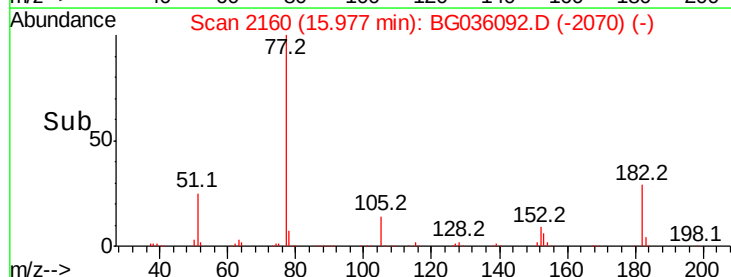
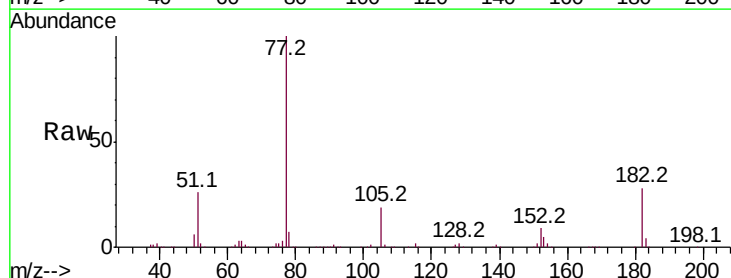
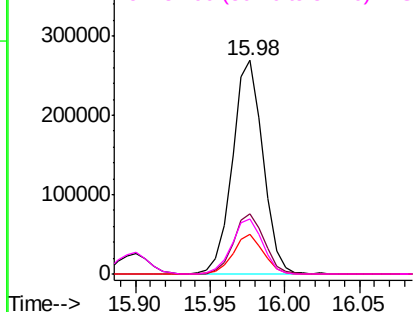
Abundance

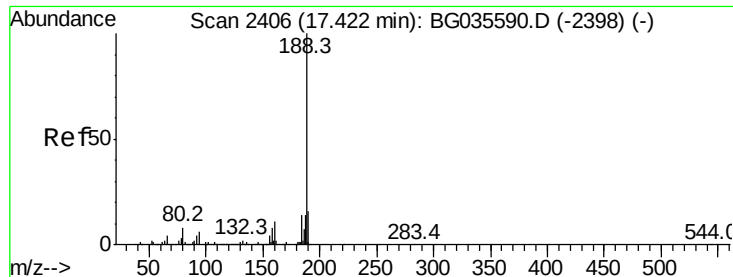
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

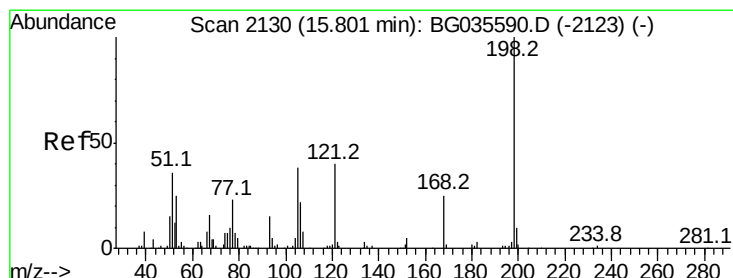
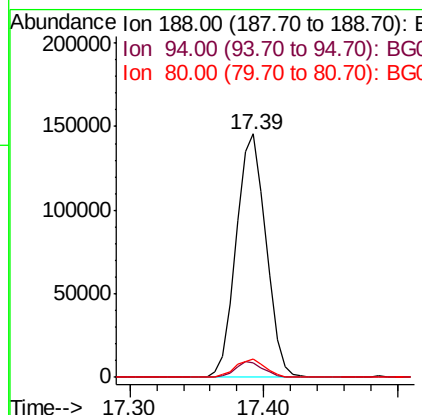
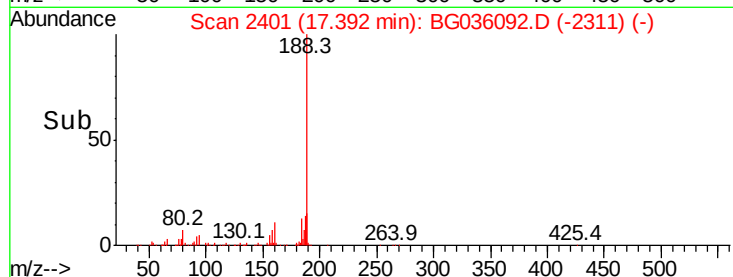
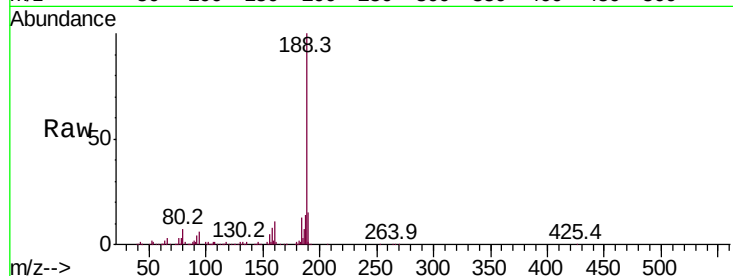
ClientSampleId :

OK-03-073118MSD

|             |       |        |
|-------------|-------|--------|
| Tot Ion:188 | Resp: | 225829 |
| Ion Ratio   | Lower | Upper  |
| 188 100     |       |        |
| 94 5.9      | 6.9   | 10.3#  |
| 80 7.3      | 7.7   | 11.5#  |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.942 ng

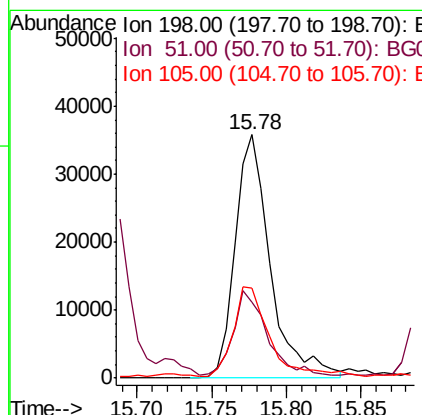
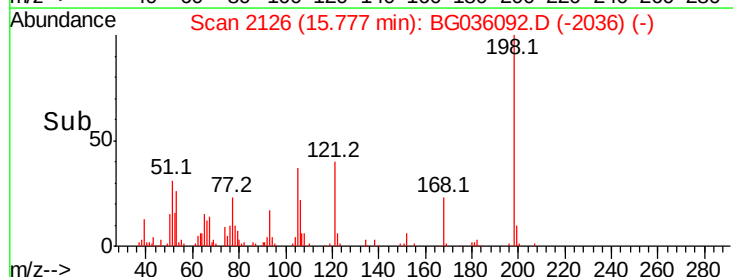
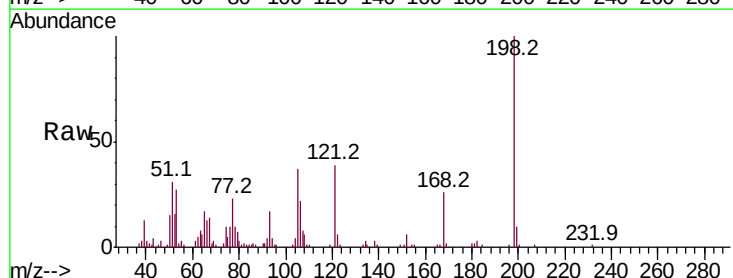
RT: 15.78 min Scan# 2126

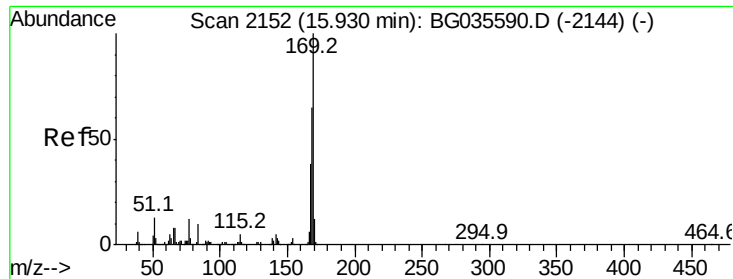
Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 59011 |
| Ion Ratio   | Lower | Upper |
| 198 100     |       |       |
| 51 31.2     | 30.6  | 70.6  |
| 105 36.8    | 23.8  | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 50.632 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

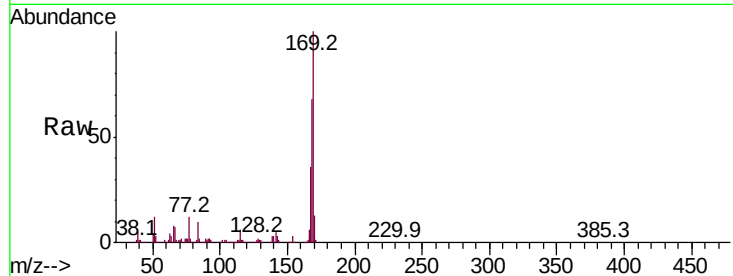
ClientSampleId :

OK-03-073118MSD

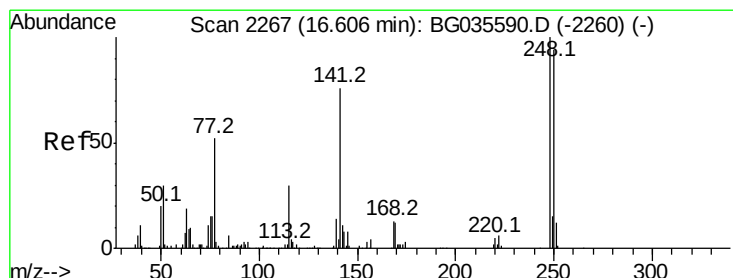
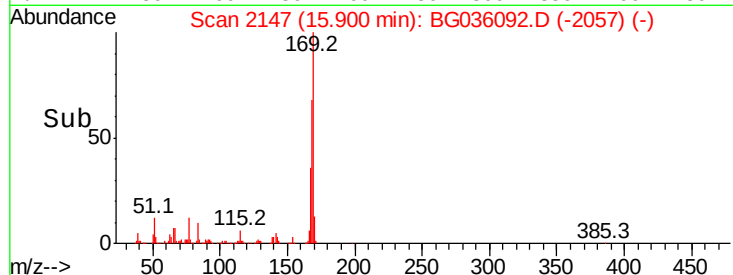
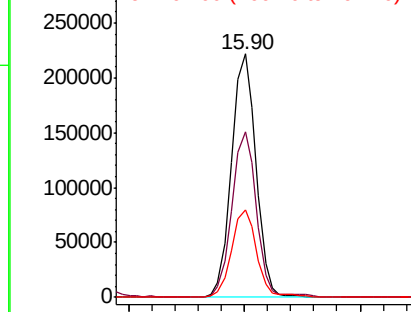
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 325458 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.8  | 55.7  | 83.5   |
| 167       | 36.1  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



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



#66

4-Bromophenyl-phenylether

Concen: 56.068 ng

RT: 16.58 min Scan# 2262

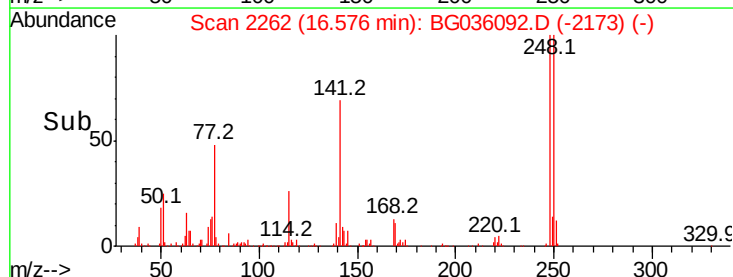
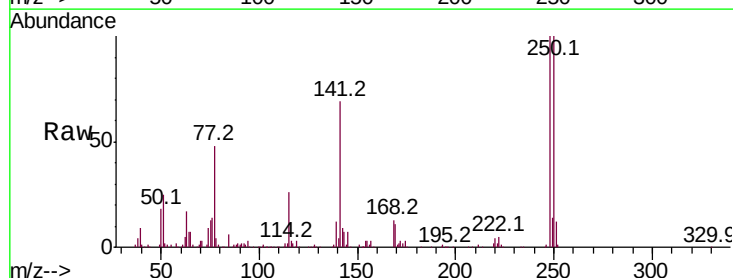
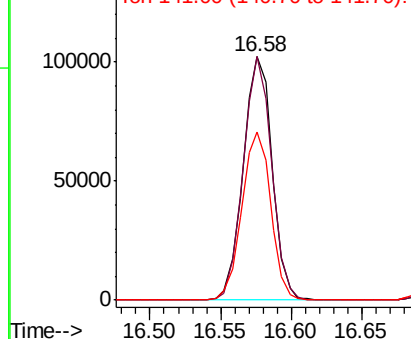
Delta R.T. -0.01 min

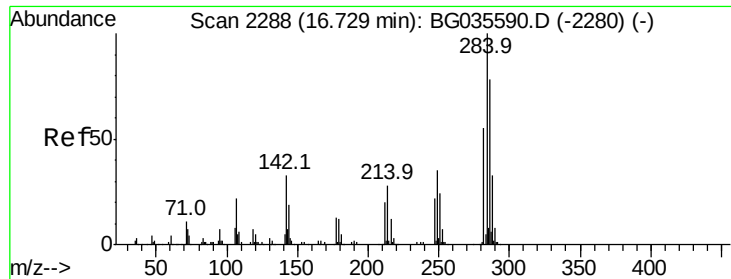
Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 146897 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.9  | 77.1  | 115.7  |
| 141       | 68.8  | 50.8  | 76.2   |

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





#67

Hexachlorobenzene

Concen: 55.653 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

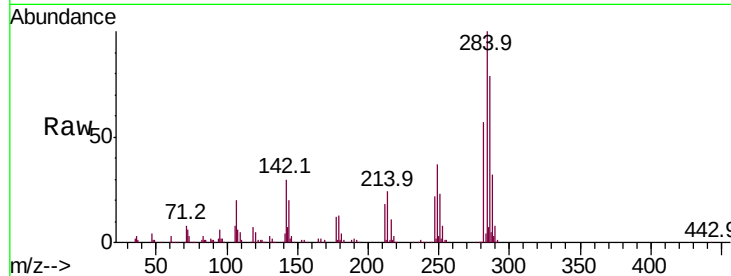
ClientSampleId :

OK-03-073118MSD

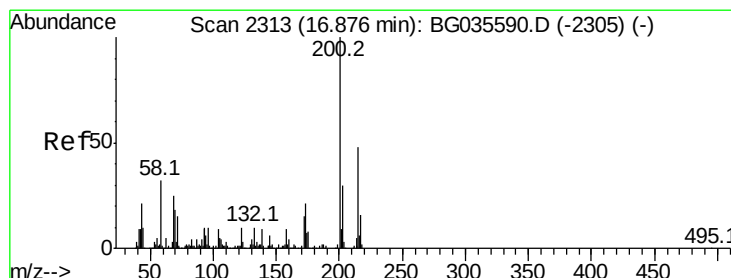
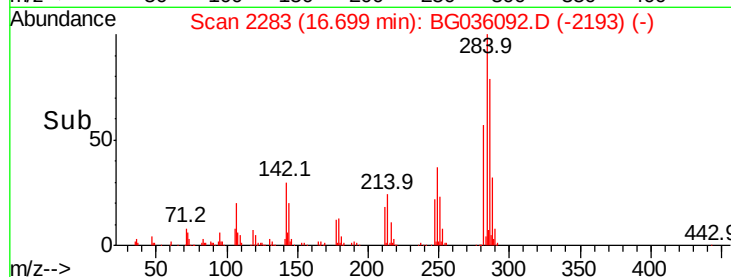
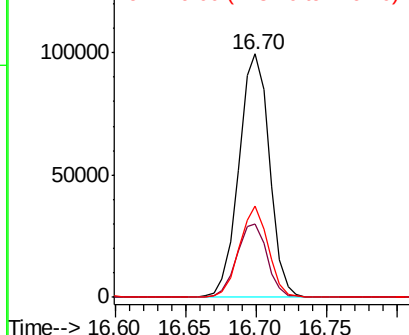
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 150158 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 30.0 | 26.8  | 40.2   |
| 249       | 37.5 | 26.3  | 39.5   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



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



#68

Atrazine

Concen: 45.881 ng

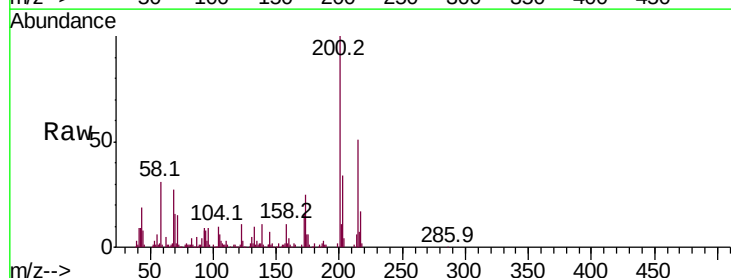
RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

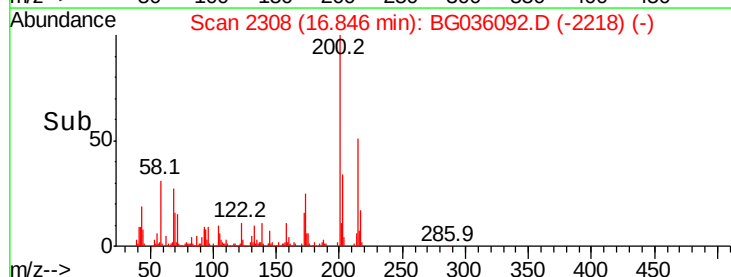
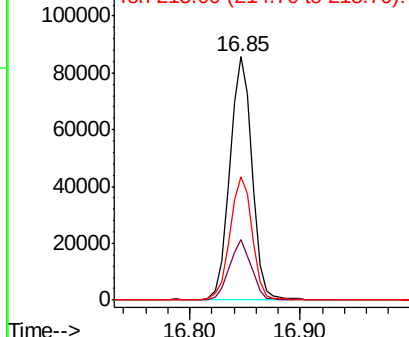
Lab File: BG036092.D

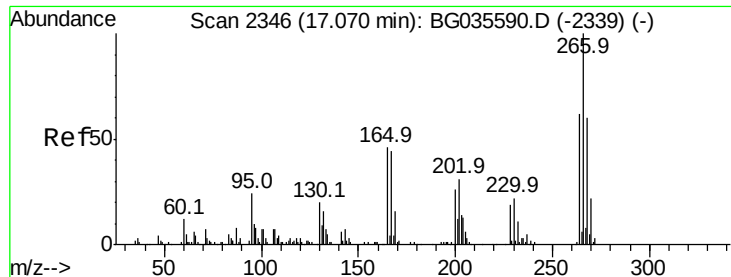
Acq: 3 Aug 2018 13:41

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 121426 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 24.9 | 5.2   | 45.2   |
| 215       | 50.7 | 30.4  | 70.4   |



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





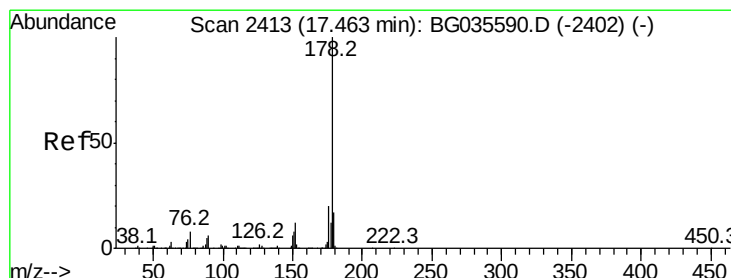
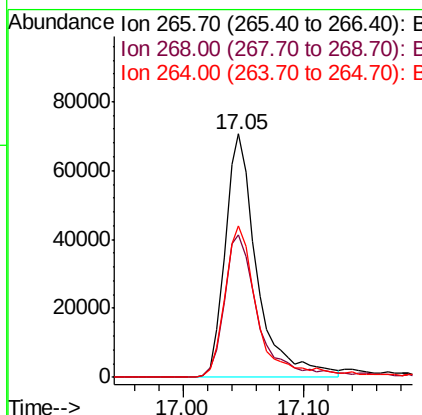
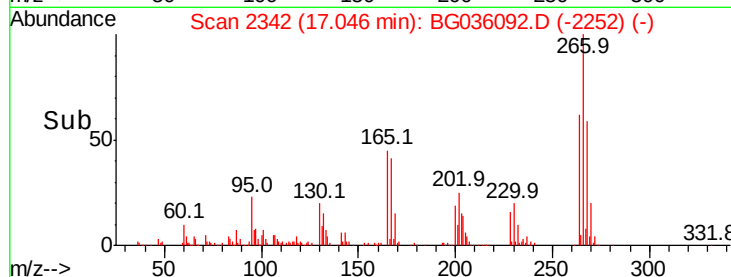
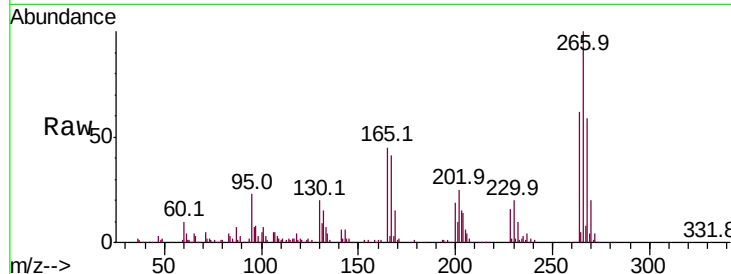
#69  
 Pentachlorophenol  
 Concen: 78.412 ng  
 RT: 17.05 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 58.7  |      | 51.1  | 76.7  |
| 264     | 62.1  |      | 49.6  | 74.4  |

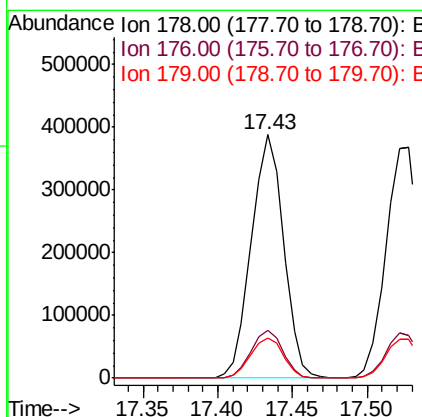
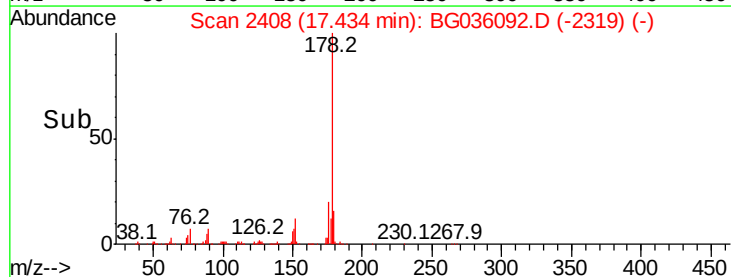
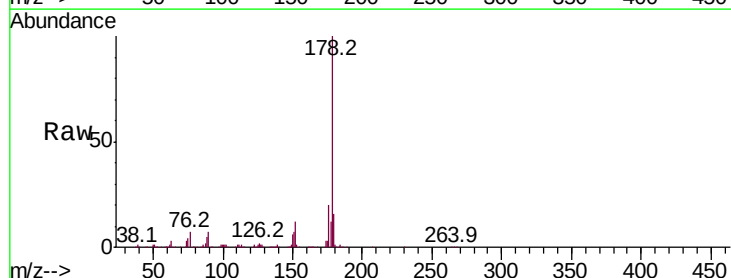
Manual Integrations  
 APPROVED

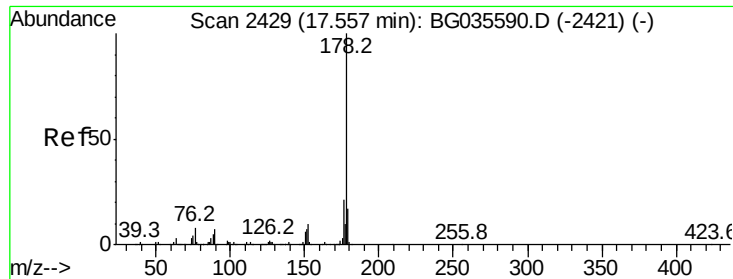
Sohil  
 8/6/2018 9:57:36 AM



#70  
 Phenanthrene  
 Concen: 51.465 ng  
 RT: 17.43 min Scan# 2408  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 178     | 100   |      |       |       |
| 176     | 19.9  |      | 15.7  | 23.5  |
| 179     | 16.2  |      | 12.5  | 18.7  |





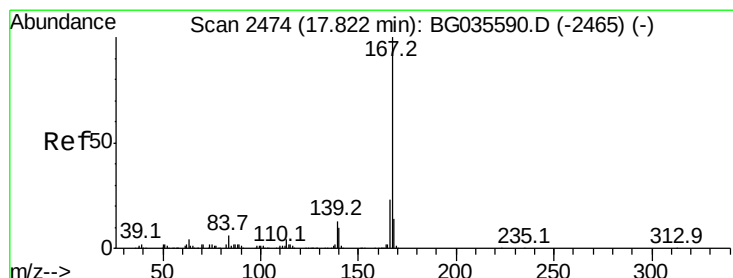
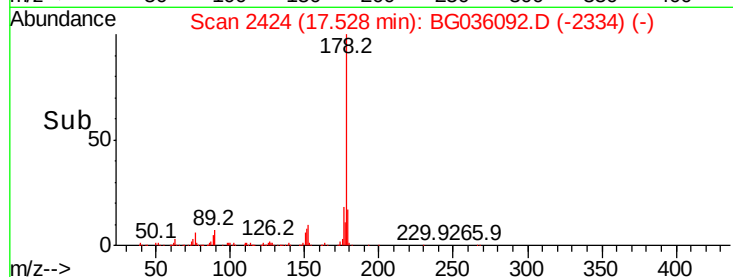
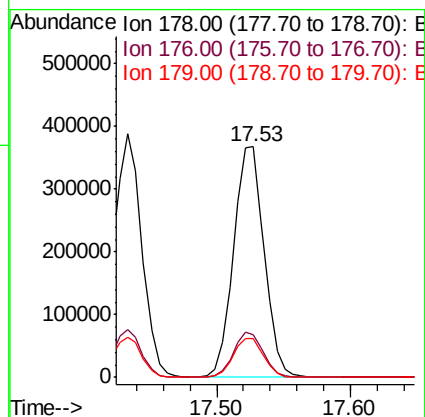
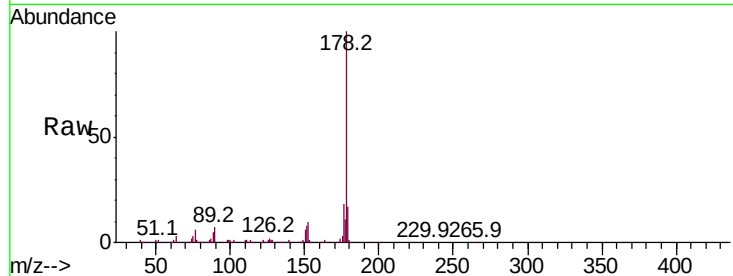
#71  
 Anthracene  
 Concen: 51.881 ng  
 RT: 17.53 min Scan# 2424  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 16.0  | 24.0  |
| 179     | 16.6  | 12.5  | 18.7  |

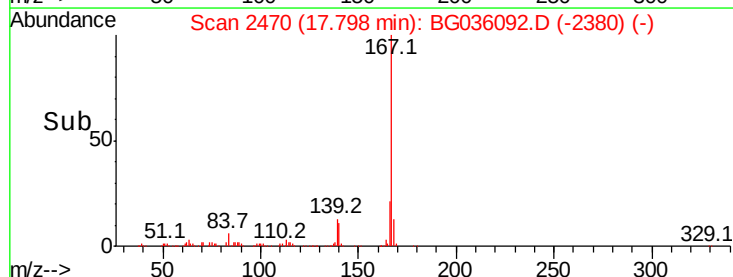
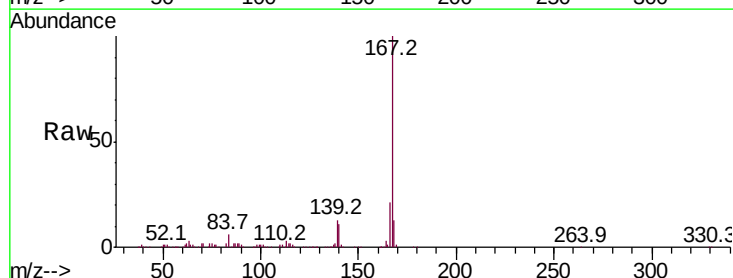
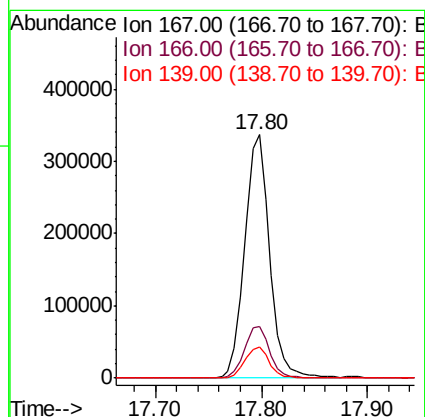
Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 9:57:36 AM

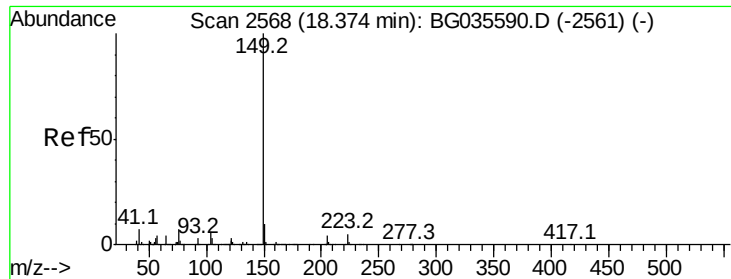


#72  
 Carbazole  
 Concen: 51.646 ng  
 RT: 17.80 min Scan# 2470  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 18.2  | 27.4  |
| 139     | 12.9  | 9.4   | 14.2  |







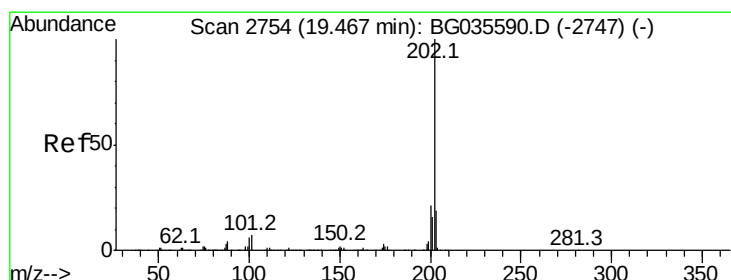
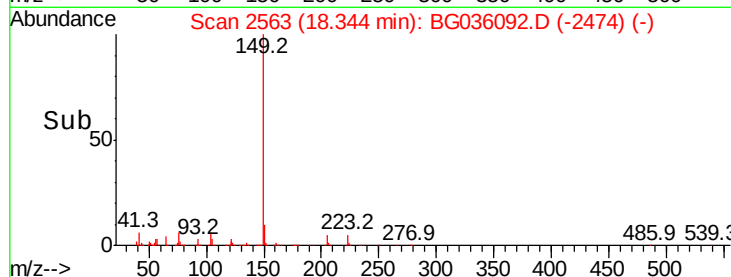
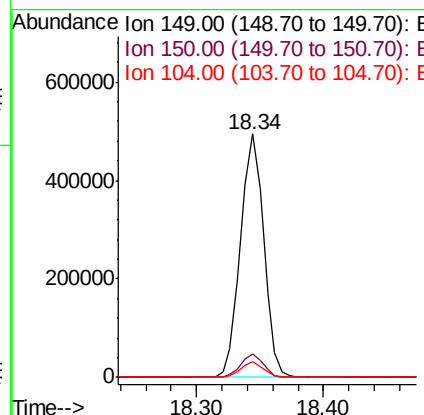
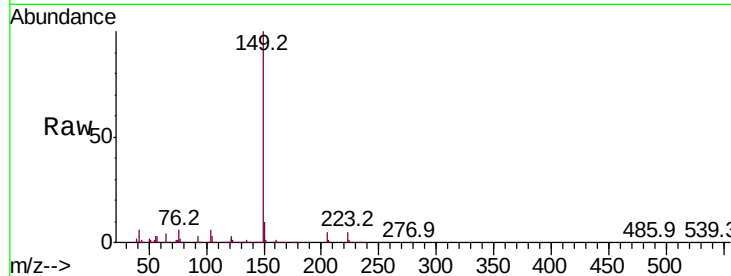
#73  
Di-n-butylphthalate  
Concen: 49.625 ng  
RT: 18.34 min Scan# 2563  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.8   | 11.6  |
| 104     | 6.3   | 3.9   | 5.9   |

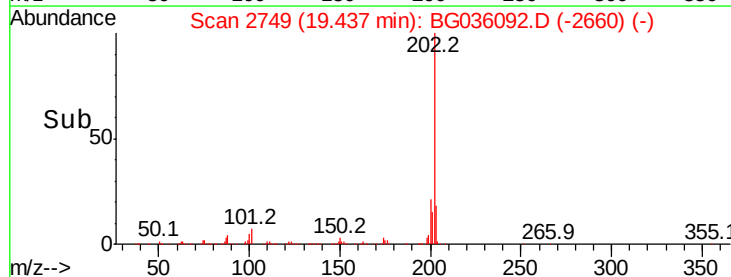
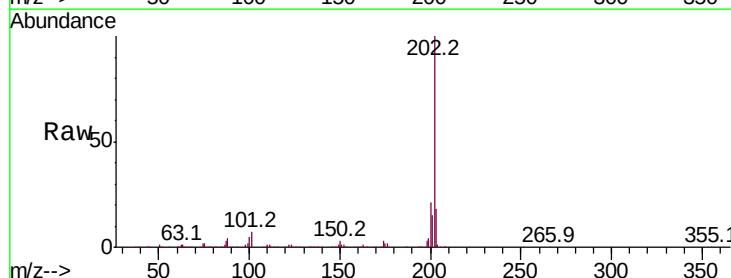
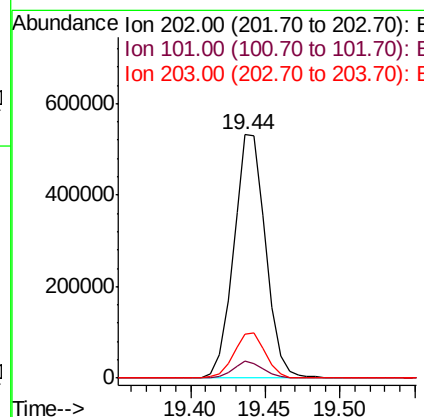
Manual Integrations  
APPROVED

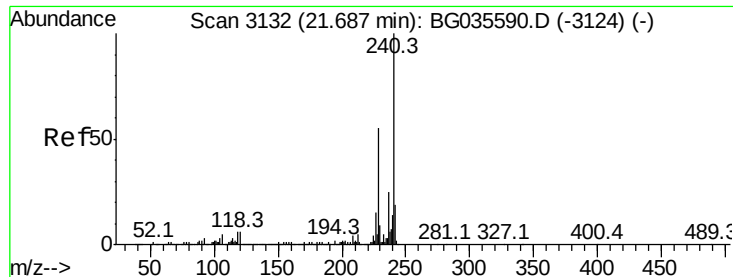
Sohil  
8/6/2018 9:57:36 AM



#74  
Fluoranthene  
Concen: 52.033 ng  
RT: 19.44 min Scan# 2749  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.0   | 0.0   | 28.9  |
| 203     | 17.8  | 0.0   | 37.5  |





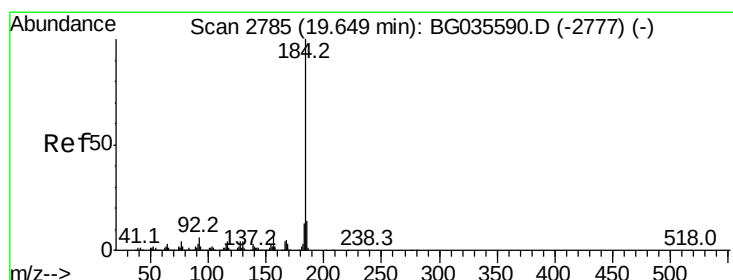
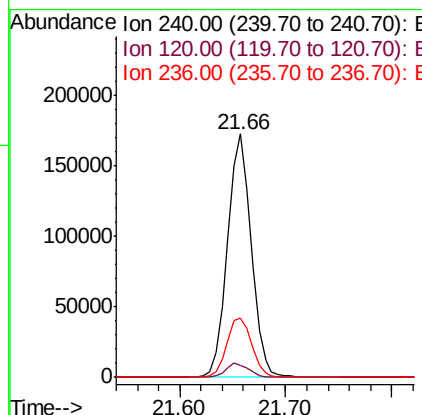
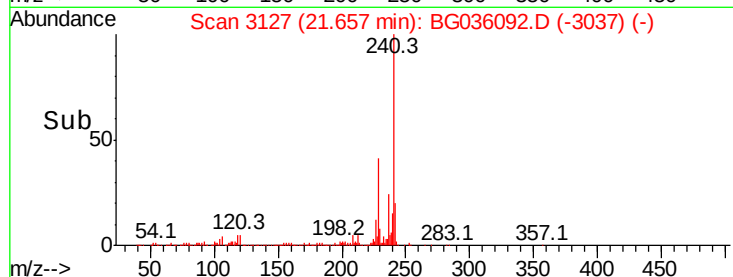
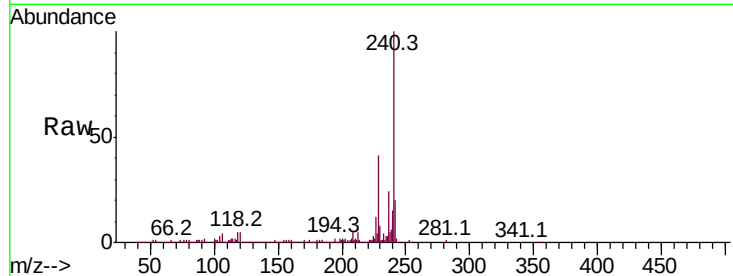
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.66 min Scan# 3127  
Delta R.T. -0.00 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 5.0   | 6.8        | 10.2# |
| 236     | 24.4  | 20.9       | 31.3  |

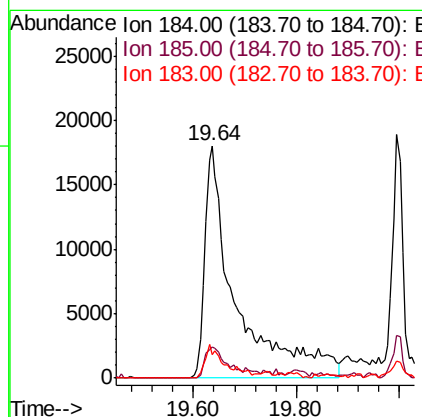
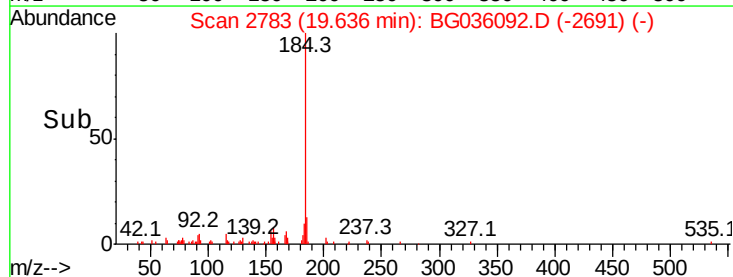
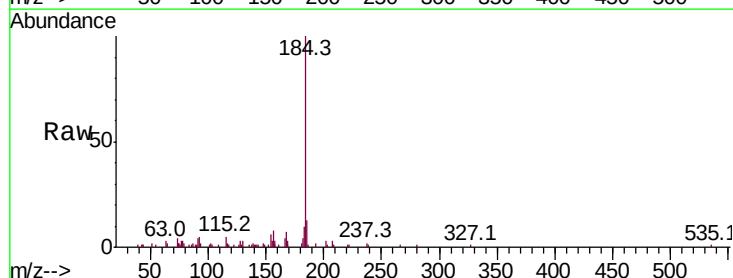
Manual Integrations  
APPROVED

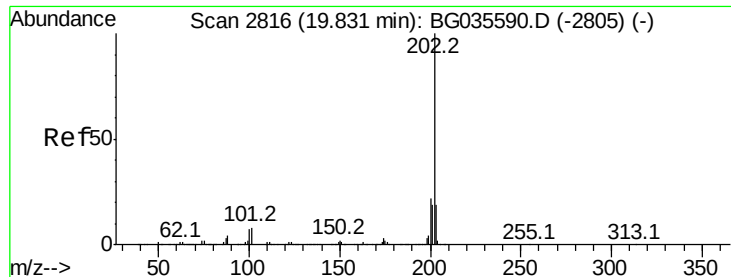
Sohil  
8/6/2018 9:57:36 AM



#76  
Benzidine  
Concen: 10.770 ng m  
RT: 19.64 min Scan# 2783  
Delta R.T. 0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 184     | 100   |            |       |
| 185     | 13.4  | 11.1       | 16.7  |
| 183     | 10.1  | 10.6       | 16.0# |





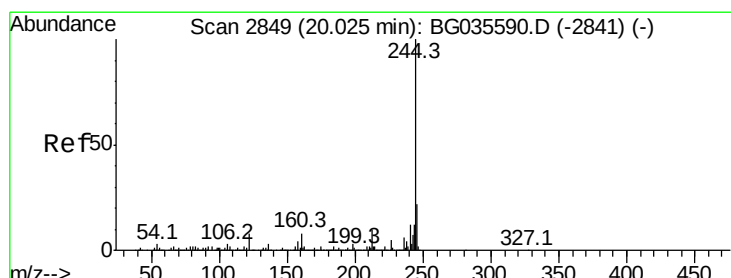
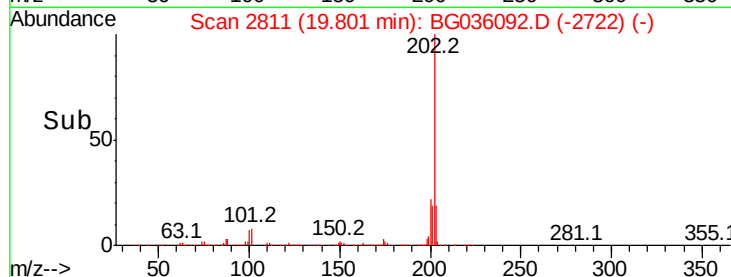
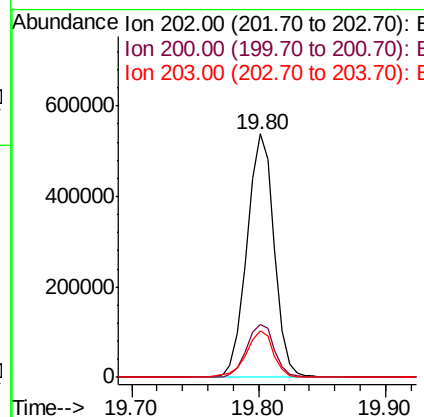
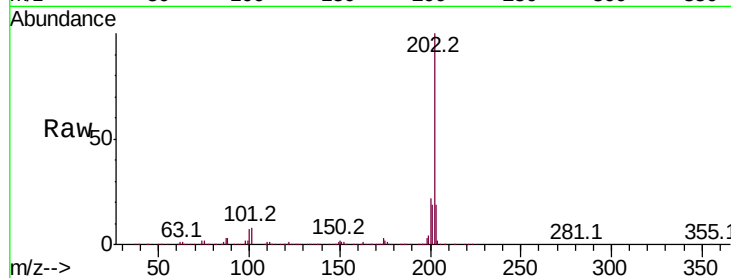
#77  
Pvrene  
Concen: 47.298 ng  
RT: 19.80 min Scan# 2811  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.7  | 16.9       | 25.3  |
| 203     | 19.0  | 13.9       | 20.9  |

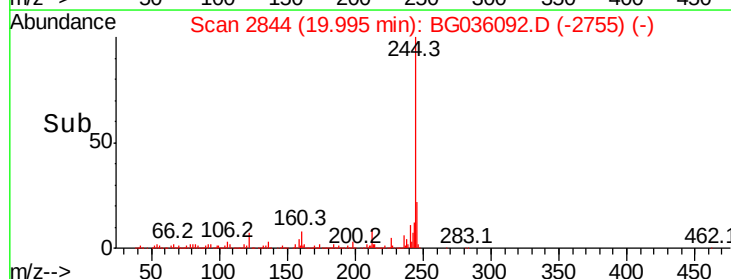
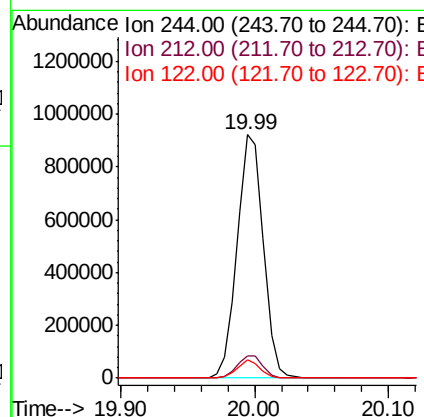
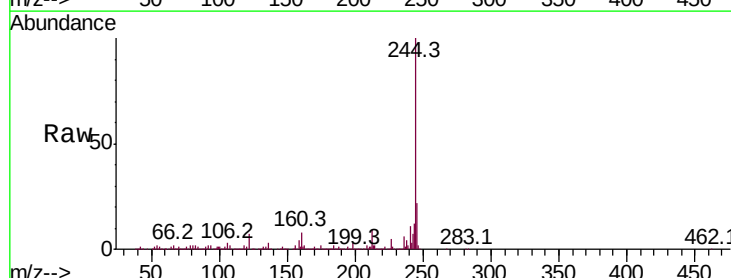
Manual Integrations  
APPROVED

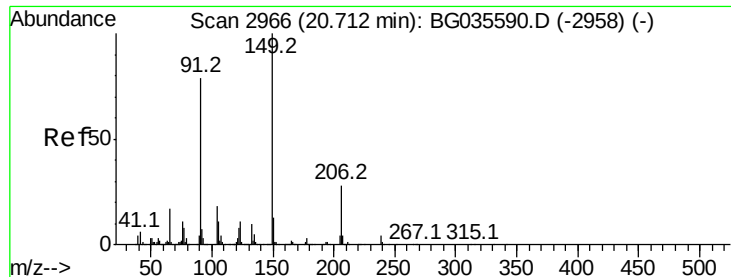
Sohil  
8/6/2018 9:57:36 AM



#78  
Terphenyl-d14  
Concen: 103.373 ng  
RT: 19.99 min Scan# 2844  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 9.4   | 5.8        | 8.8#  |
| 122     | 7.4   | 7.0        | 10.4  |





#79

Butylbenzylphthalate

Concen: 51.495 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

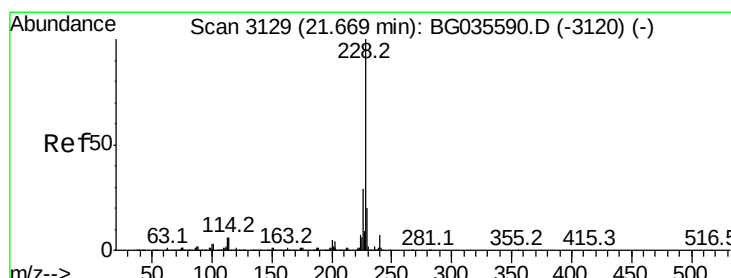
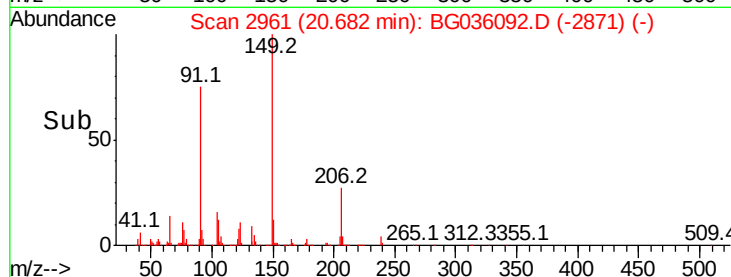
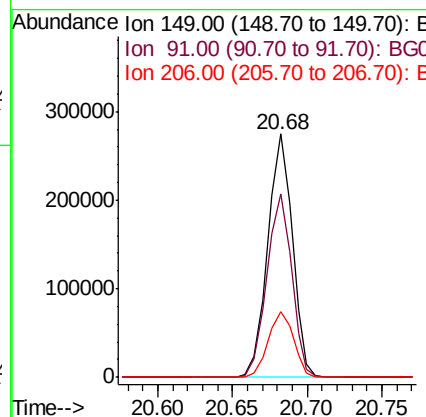
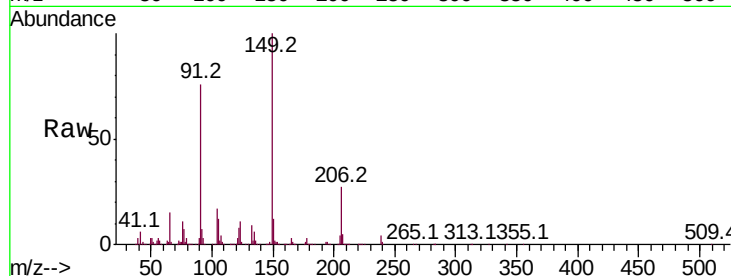
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 312669 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 75.5  | 62.2  | 93.2   |
| 206       | 27.1  | 18.6  | 27.8   |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#80

Benzo(a)anthracene

Concen: 50.952 ng

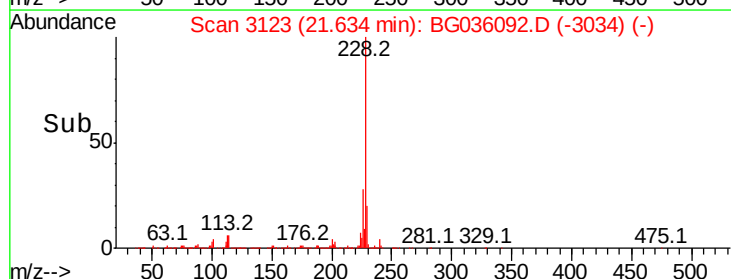
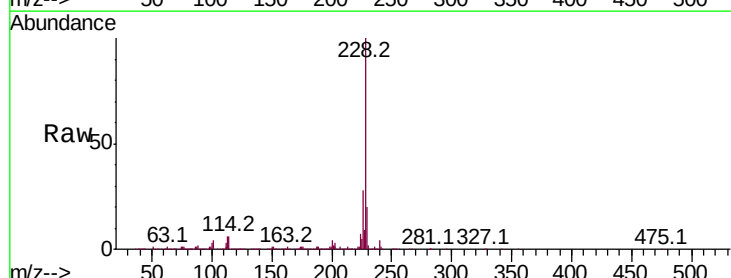
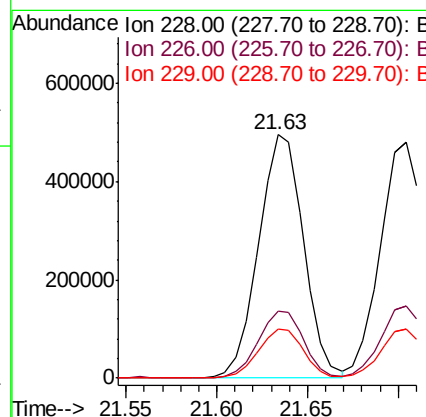
RT: 21.63 min Scan# 3123

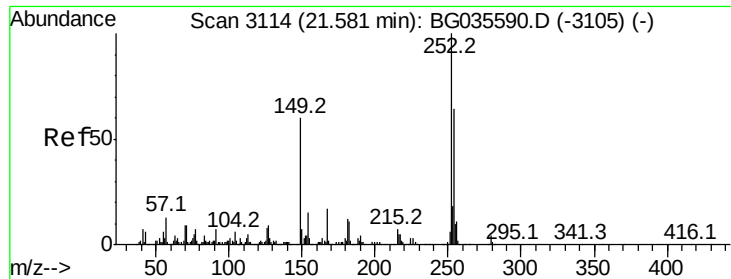
Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 852621 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.6  | 22.7  | 34.1   |
| 229       | 20.4  | 16.2  | 24.2   |





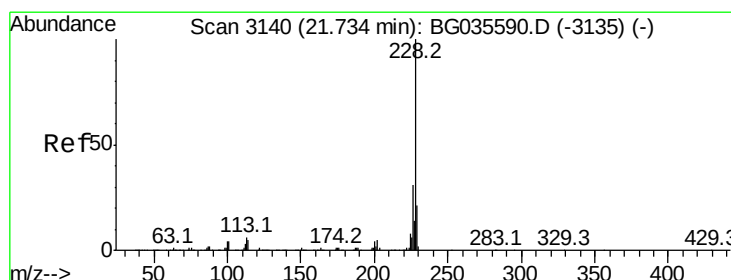
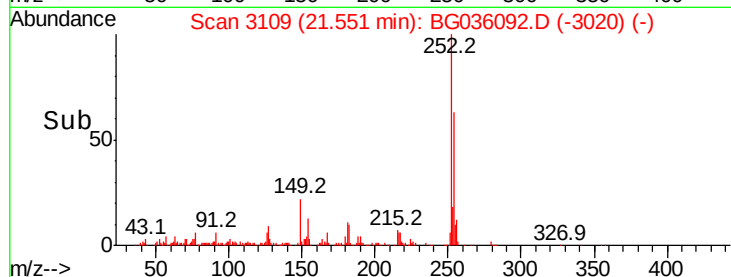
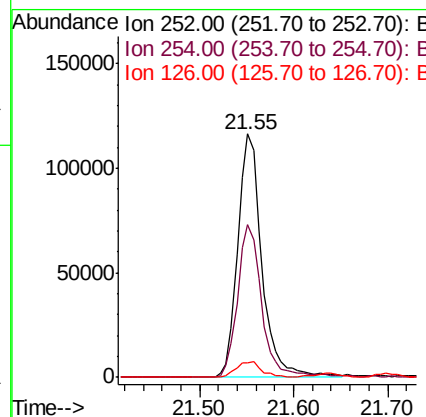
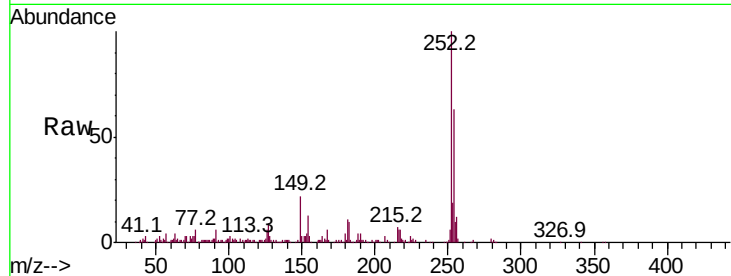
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.557 ng  
 RT: 21.55 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.7  | 50.8  | 76.2  |
| 126     | 6.1   | 7.4   | 11.2# |

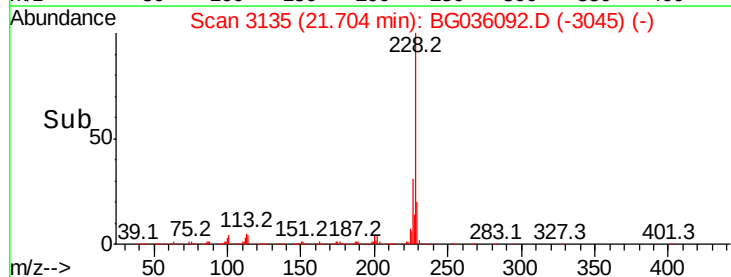
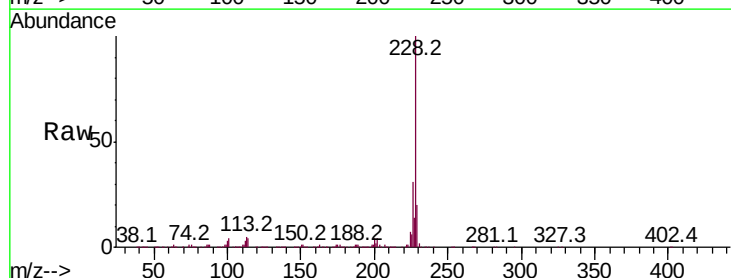
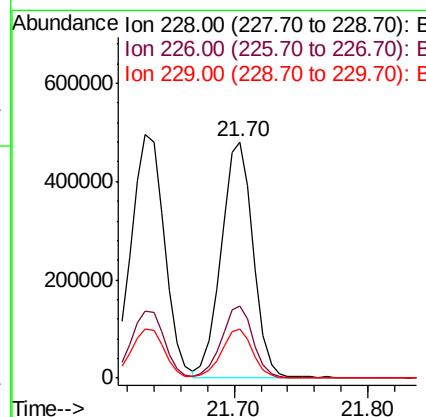
Manual Integrations  
 APPROVED

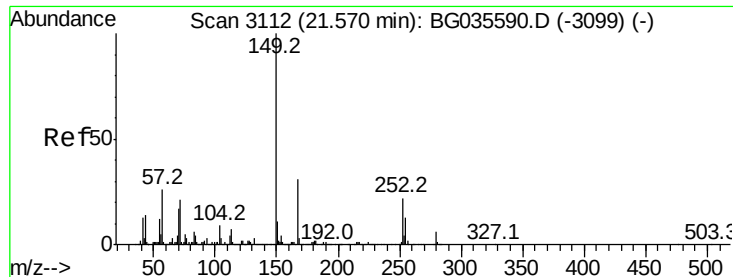
Sohil  
 8/6/2018 9:57:36 AM



#82  
 Chrysene  
 Concen: 51.890 ng  
 RT: 21.70 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 24.9  | 37.3  |
| 229     | 20.5  | 15.0  | 22.4  |





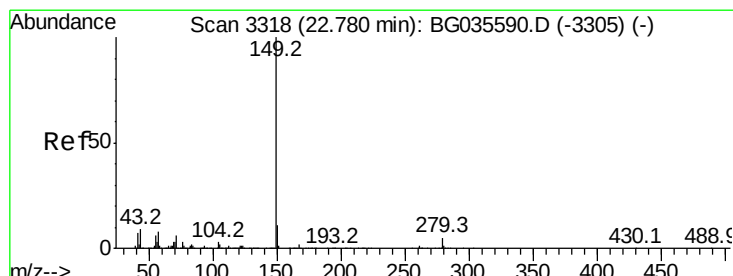
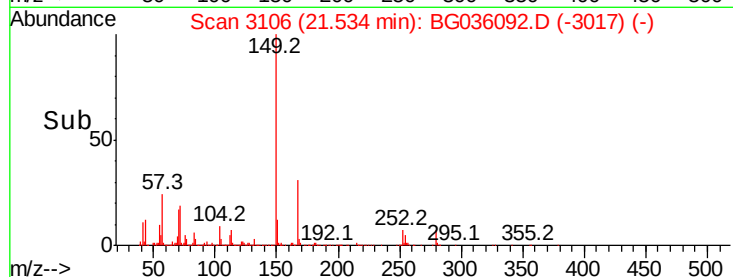
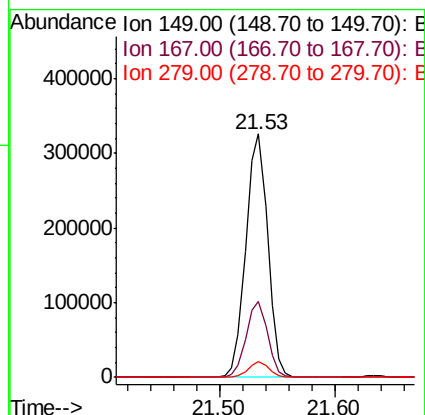
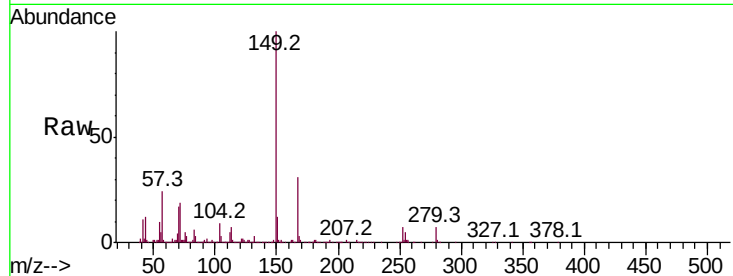
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.054 ng  
 RT: 21.53 min Scan# 3106  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.0  | 24.3  | 36.5  |
| 279     | 6.5   | 4.0   | 6.0#  |

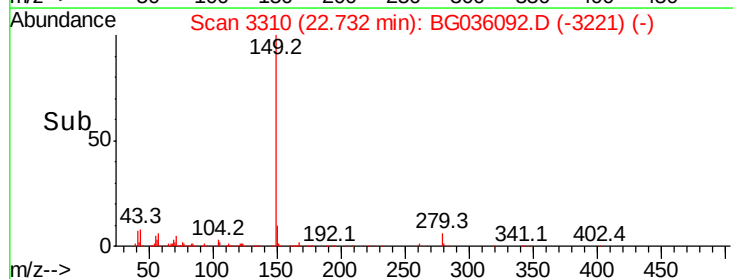
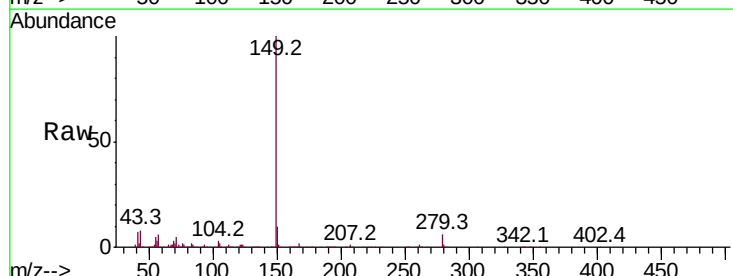
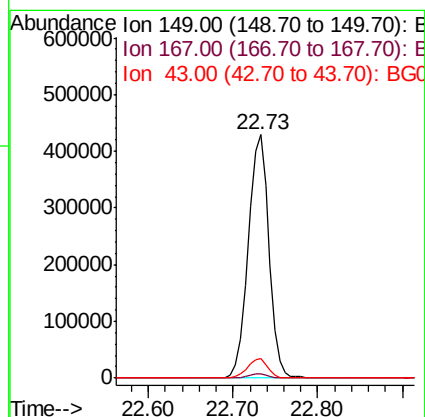
Manual Integrations  
 APPROVED

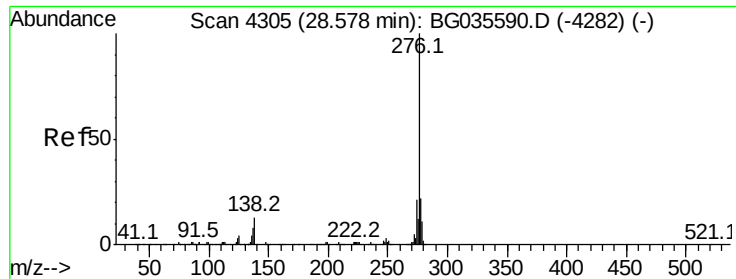
Sohil  
 8/6/2018 9:57:36 AM



#84  
 Di-n-octyl phthalate  
 Concen: 52.803 ng  
 RT: 22.73 min Scan# 3310  
 Delta R.T. -0.01 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 7.9   | 8.9   | 13.3# |





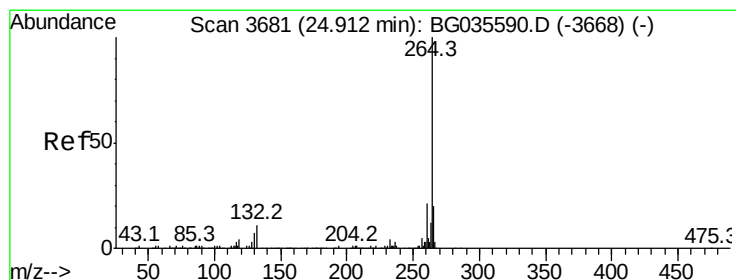
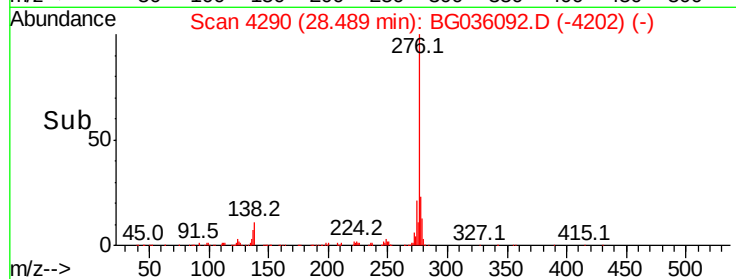
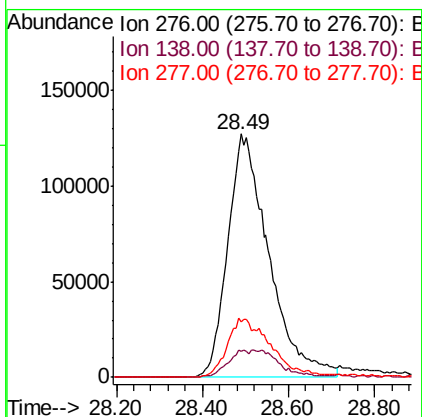
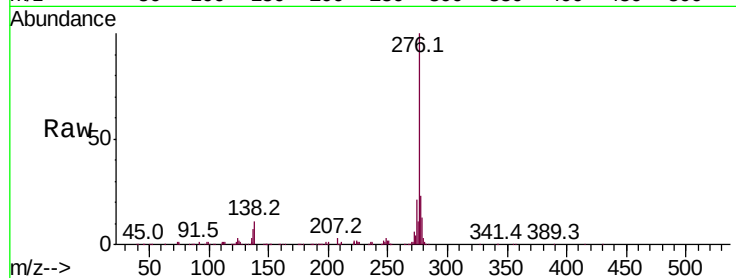
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 49.287 ng  
RT: 28.49 min Scan# 4290  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 5.6   | 16.0  | 24.0# |
| 277     | 25.8  | 20.0  | 30.0  |

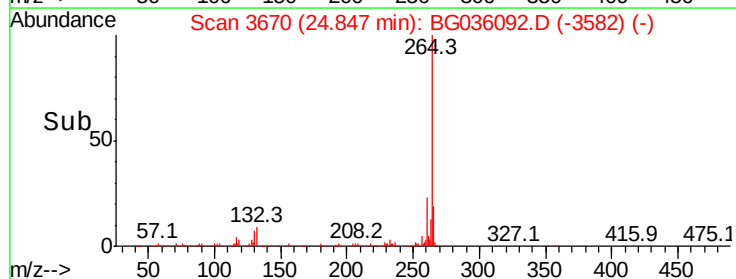
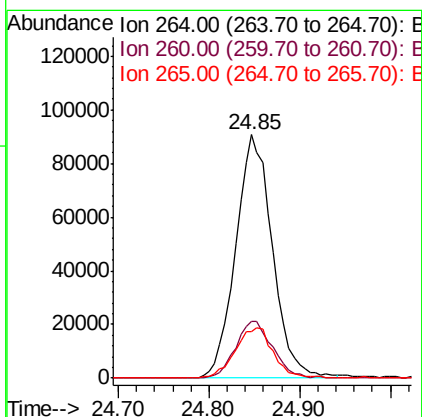
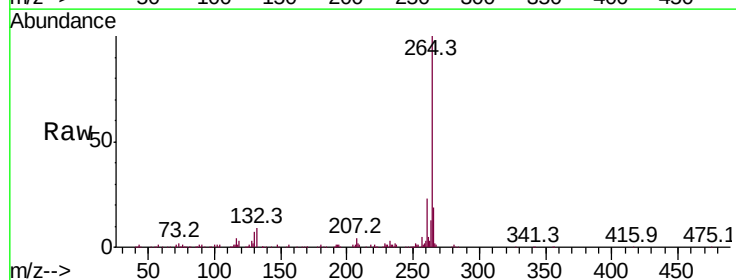
Manual Integrations  
APPROVED

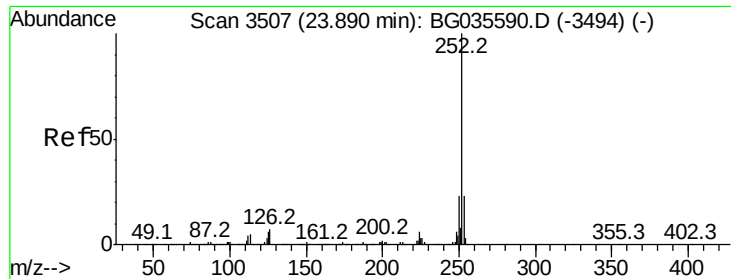
Sohil  
8/6/2018 9:57:36 AM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.85 min Scan# 3670  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 19.3  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 52.932 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

Instrument :

BNA\_G

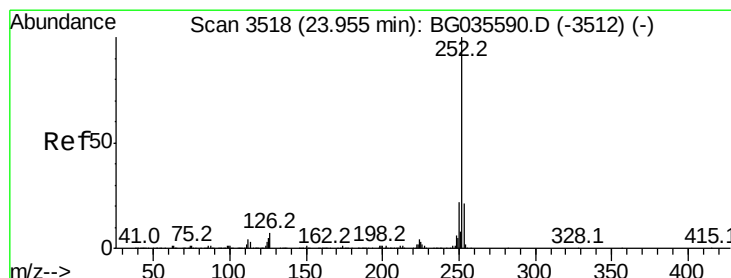
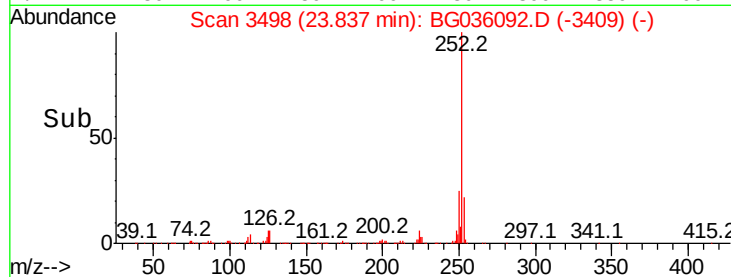
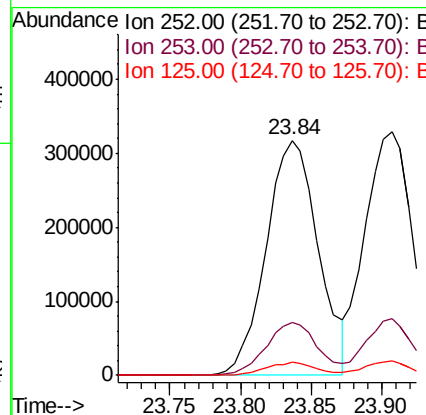
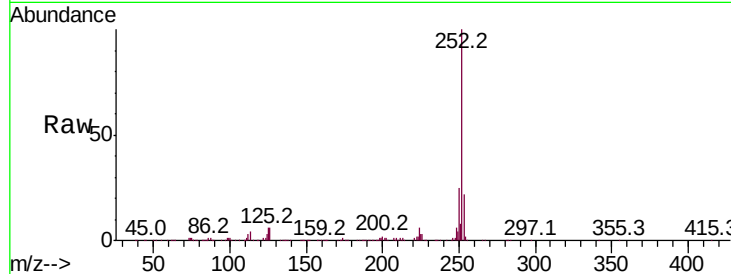
ClientSampleId :

OK-03-073118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 819236 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 18.2  | 27.4   |
| 125       | 5.8   | 7.2   | 10.8#  |

Manual Integrations  
APPROVED

Sohil  
8/6/2018 9:57:36 AM



#88

Benzo(k)fluoranthene

Concen: 51.423 ng

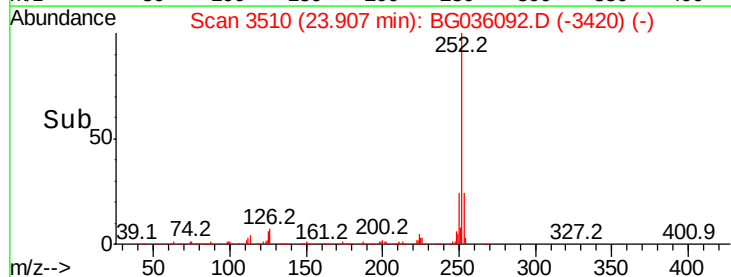
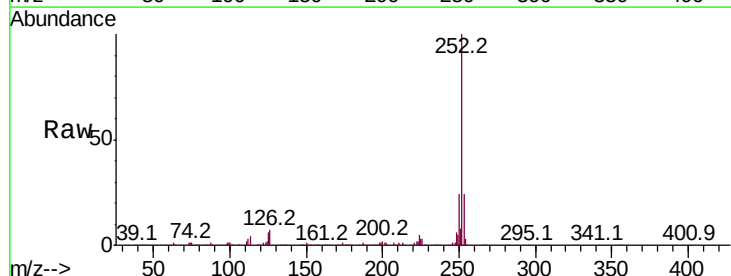
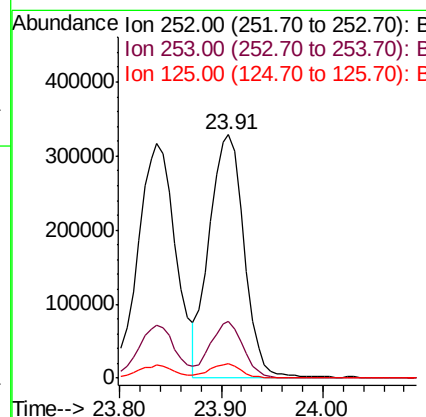
RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

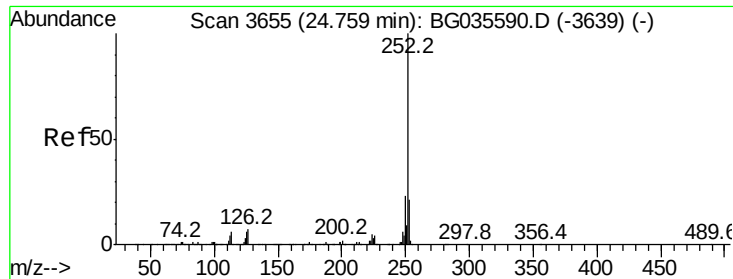
Lab File: BG036092.D

Acq: 3 Aug 2018 13:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 778082 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.5  | 17.4  | 26.2   |
| 125       | 5.8   | 6.6   | 9.8#   |







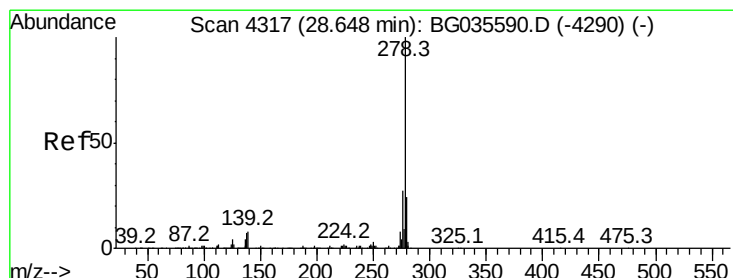
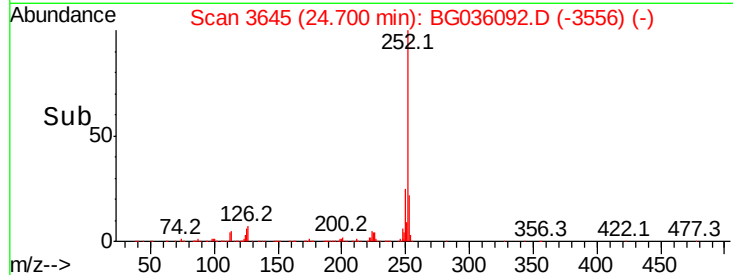
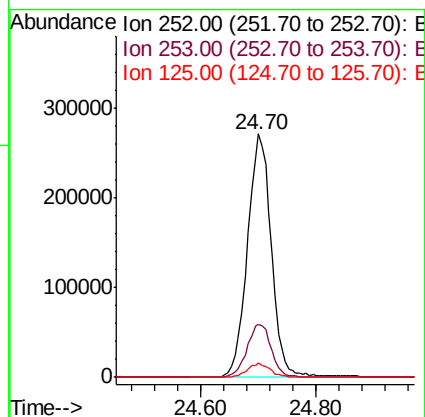
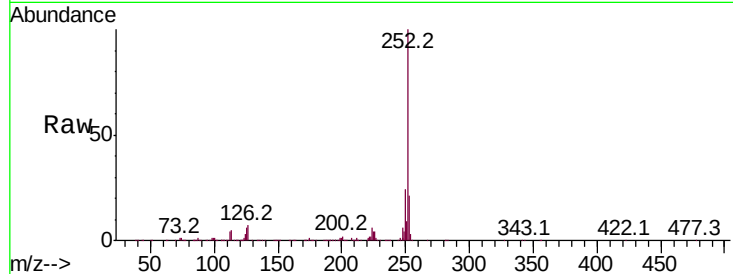
#89  
Benzo(a)pyrene  
Concen: 54.159 ng  
RT: 24.70 min Scan# 3645  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-073118MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.5  | 18.3       | 27.5       |
| 125     | 6.1   | 7.3        | 10.9       |

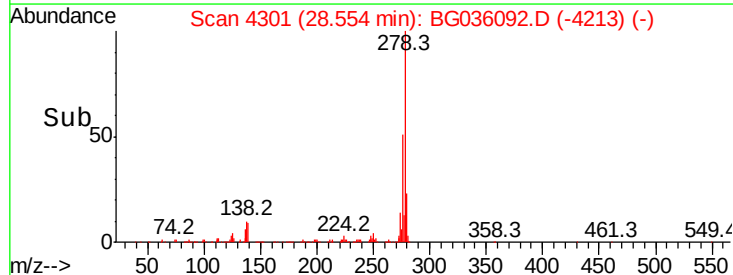
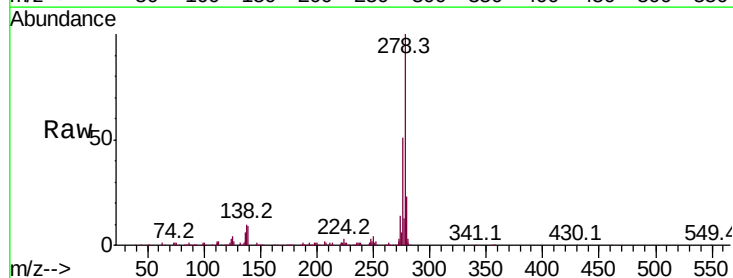
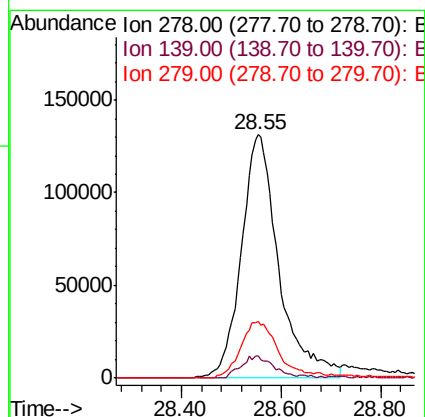
Manual Integrations  
APPROVED

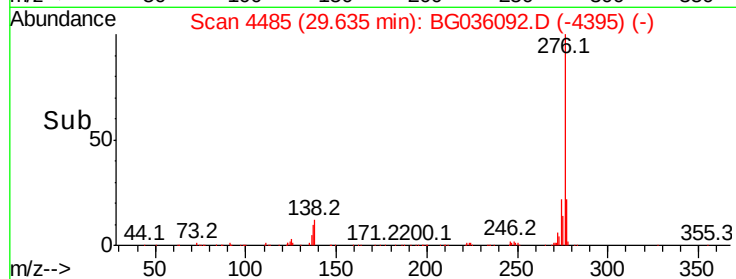
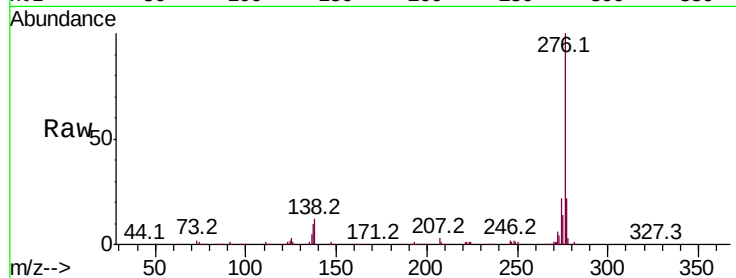
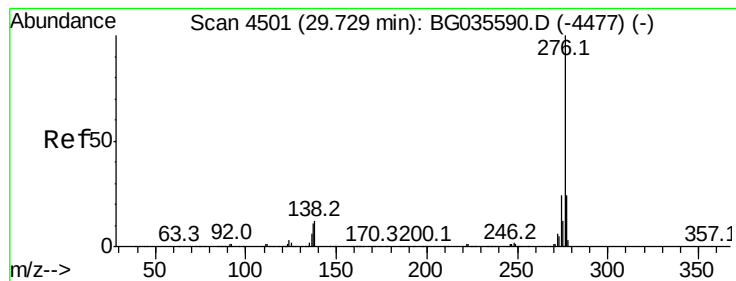
Sohil  
8/6/2018 9:57:36 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 48.663 ng  
RT: 28.55 min Scan# 4301  
Delta R.T. -0.01 min  
Lab File: BG036092.D  
Acq: 3 Aug 2018 13:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 9.3   | 9.8        | 14.6       |
| 279     | 23.3  | 18.4       | 27.6       |





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.457 ng  
 RT: 29.63 min Scan# 4485  
 Delta R.T. -0.00 min  
 Lab File: BG036092.D  
 Acq: 3 Aug 2018 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-073118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.4  | 18.3  | 27.5  |
| 138     | 12.0  | 13.9  | 20.9  |

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 9:57:36 AM

