

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\  
 Data File : BG036425.D  
 Acq On : 27 Aug 2018 10:53  
 Operator : JU/SJ  
 Sample : PB112371BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM

Quant Time: Aug 28 11:34:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 23 12:07:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 60243    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 288433   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.69 | 164  | 189476   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.44 | 188  | 471562   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.70 | 240  | 433145   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.92 | 264  | 454008   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.63  | 112 | 418262  | 110.14 | ng | 0.00  |
| 7) Phenol-d6                | 7.22  | 99  | 577526  | 106.21 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.23  | 82  | 326889  | 61.49  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 16.18 | 330 | 245165  | 108.44 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.32 | 172 | 866385  | 65.29  | ng | 0.00  |
| 78) Terphenyl-d14           | 20.04 | 244 | 1318695 | 71.16  | ng | -0.01 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.54  | 88  | 47993   | 27.079 ng | 97     |
| 3) Pyridine                    | 3.93  | 79  | 149859  | 30.123 ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 77486   | 34.969 ng | 99     |
| 6) Aniline                     | 7.38  | 93  | 228246  | 33.071 ng | 98     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 168911  | 41.014 ng | 96     |
| 9) Benzaldehyde                | 7.20  | 77  | 110310  | 29.461 ng | 95     |
| 10) Phenol                     | 7.25  | 94  | 238028  | 41.832 ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 163440  | 36.231 ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 165838  | 35.265 ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 170395  | 35.889 ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 162406  | 35.817 ng | 97     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 172374  | 39.325 ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 307774  | 33.831 ng | 96     |
| 17) 2-Methylphenol             | 8.50  | 107 | 161549  | 42.757 ng | 99     |
| 18) Hexachloroethane           | 9.15  | 117 | 59013   | 34.667 ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 145698  | 35.854 ng | 96     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 221066  | 41.908 ng | 99     |
| 22) Acetophenone               | 8.89  | 105 | 268270  | 35.419 ng | 96     |
| 24) Nitrobenzene               | 9.27  | 77  | 199637  | 34.826 ng | 96     |
| 25) Isophorone                 | 9.79  | 82  | 414529  | 39.252 ng | 97     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 76348   | 33.610 ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 185508  | 44.110 ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 239601  | 36.968 ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 189706  | 41.159 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 186755  | 34.636 ng | 99     |
| 31) Naphthalene                | 10.93 | 128 | 540580  | 37.492 ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 110450m | 36.597 ng |        |
| 33) 4-Chloroaniline            | 11.03 | 127 | 152781  | 23.124 ng | 99     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 125136  | 34.542 ng | 98     |
| 35) Caprolactam                | 11.80 | 113 | 73354m  | 39.951 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 213211  | 39.811 ng | 98     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 433986  | 41.136 ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 244725  | 36.497 ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 288663  | 82.740 ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\  
 Data File : BG036425.D  
 Acq On : 27 Aug 2018 10:53  
 Operator : JU/SJ  
 Sample : PB112371BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM

Quant Time: Aug 28 11:34:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 23 12:07:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 164282   | 40.220 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 184320   | 42.308 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.53 | 154  | 569249   | 36.193 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.57 | 162  | 438638   | 36.532 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 141135   | 37.432 | ng    | 98       |
| 48) Acenaphthylene             | 14.41 | 152  | 752735   | 40.114 | ng    | 100      |
| 49) Dimethylphthalate          | 14.15 | 163  | 609496   | 39.394 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 125554   | 39.437 | ng    | 95       |
| 51) Acenaphthene               | 14.76 | 154  | 485605   | 40.407 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.59 | 138  | 98866    | 28.817 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 94254    | 78.161 | ng    | 97       |
| 54) Dibenzofuran               | 15.09 | 168  | 710424   | 37.732 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 210442   | 75.020 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.05 | 165  | 174458   | 42.045 | ng    | 92       |
| 57) Fluorene                   | 15.74 | 166  | 569120   | 40.434 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 176434   | 43.104 | ng    | 97       |
| 59) Diethylphthalate           | 15.51 | 149  | 597756   | 38.337 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204  | 330091   | 37.979 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 135573   | 37.763 | ng    | 93       |
| 62) Azobenzene                 | 16.03 | 77   | 581485   | 36.653 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 75802    | 36.593 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 530919   | 37.891 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.63 | 248  | 215225   | 38.983 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.74 | 284  | 213000   | 37.730 | ng    | 99       |
| 68) Atrazine                   | 16.89 | 200  | 208197   | 39.587 | ng    | 99       |
| 69) Pentachlorophenol          | 17.08 | 266  | 252023   | 65.685 | ng    | 97       |
| 70) Phenanthrene               | 17.48 | 178  | 945772   | 39.471 | ng    | 99       |
| 71) Anthracene                 | 17.57 | 178  | 952815   | 39.891 | ng    | 98       |
| 72) Carbazole                  | 17.84 | 167  | 819082   | 34.337 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.39 | 149  | 934818   | 35.192 | ng    | 100      |
| 74) Fluoranthene               | 19.48 | 202  | 1087892  | 37.239 | ng    | 99       |
| 76) Benzidine                  | 19.66 | 184  | 575240   | 41.626 | ng    | 99       |
| 77) Pyrene                     | 19.84 | 202  | 1057821  | 39.714 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.73 | 149  | 399231   | 37.662 | ng    | 92       |
| 80) Benzo(a)anthracene         | 21.68 | 228  | 1054090  | 40.170 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 253650   | 24.254 | ng    | 99       |
| 82) Chrysene                   | 21.75 | 228  | 981375   | 39.456 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 557003   | 37.550 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.82 | 149  | 934824   | 37.730 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.58 | 276  | 1203290  | 41.652 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 1066299  | 42.295 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 993409   | 40.333 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.77 | 252  | 1015403  | 41.914 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.65 | 278  | 972544   | 41.583 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 29.72 | 276  | 990470   | 42.143 | ng    | 98       |

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





#1

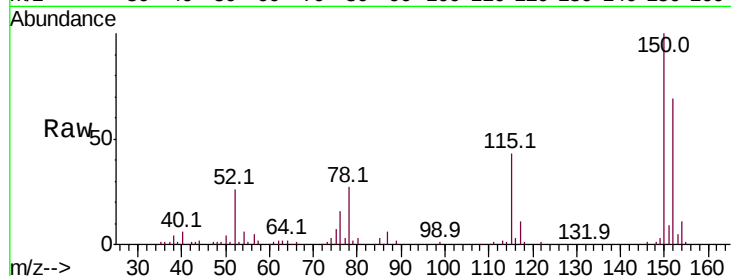
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.07 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampled :  
PB112371BS

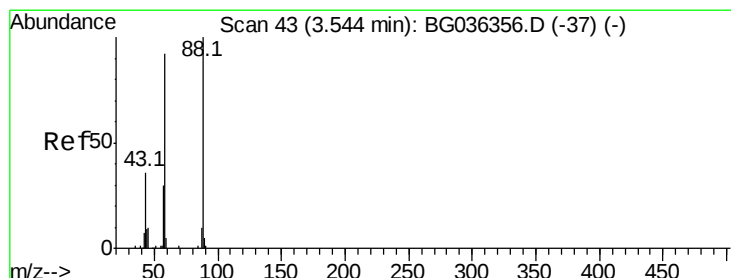
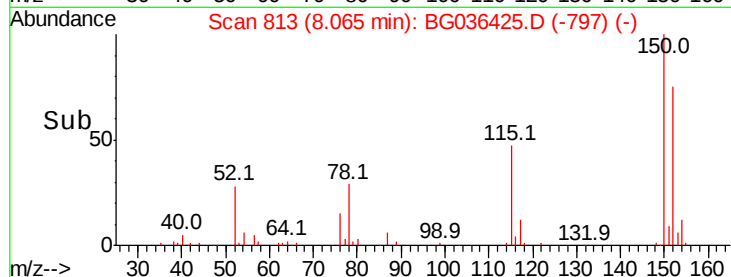
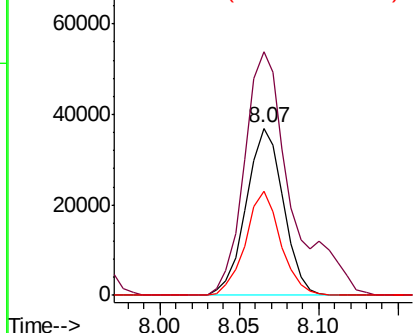
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.9 | 119.5 | 179.3 |
| 115     | 62.5  | 44.5  | 66.7  |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



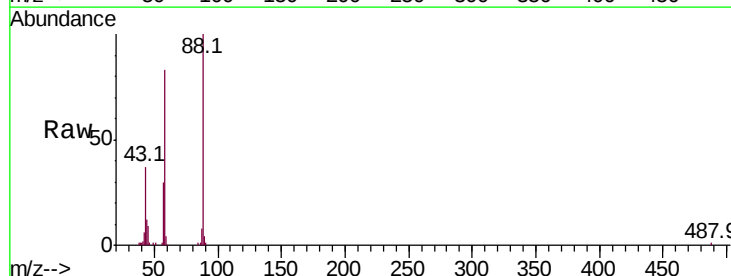
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



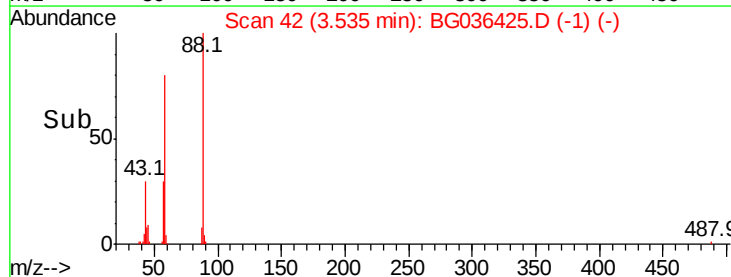
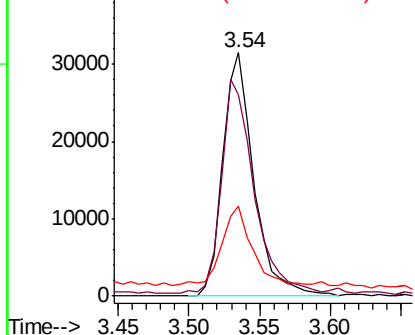
#2

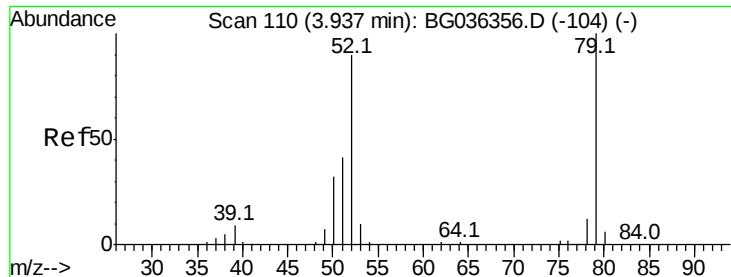
1,4-Dioxane  
Concen: 27.079 ng  
RT: 3.54 min Scan# 42  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.5  | 72.6  | 109.0 |
| 43      | 32.2  | 29.0  | 43.4  |



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





#3

Pvridine

Concen: 30.123 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

ClientSampled :

PB112371BS

Tot Ion: 79 Resp: 149859

Ion Ratio Lower Upper

79 100

52 82.8 72.3 108.5

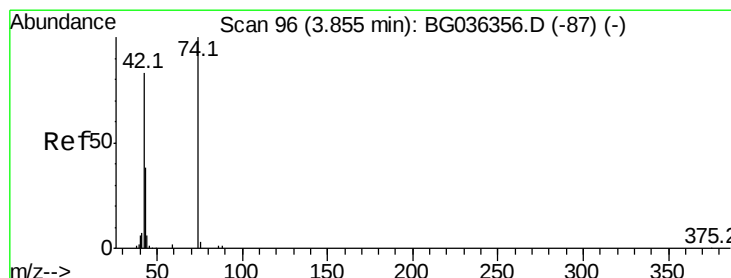
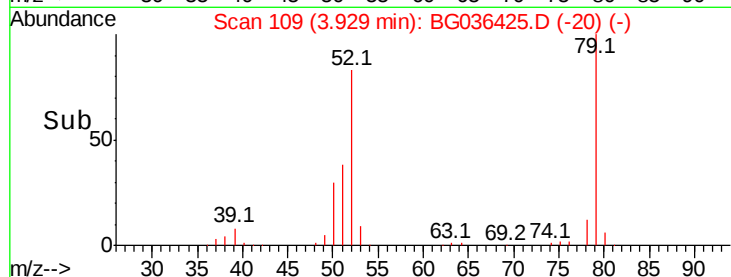
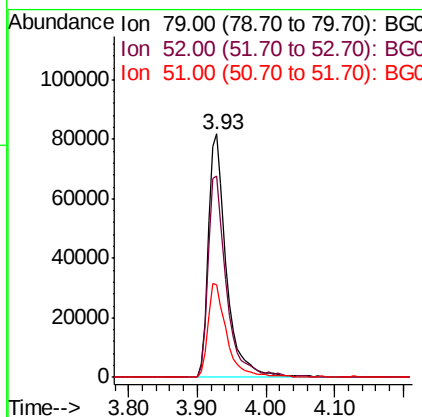
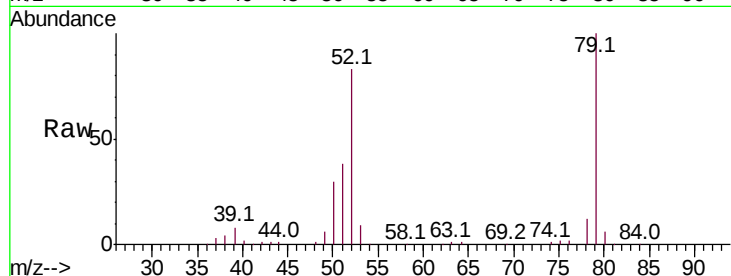
51 38.0 33.8 50.6

Manual Integrations

APPROVED

Sohil

8/28/2018 12:12:42 PM



#4

n-Nitrosodimethylamine

Concen: 34.969 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

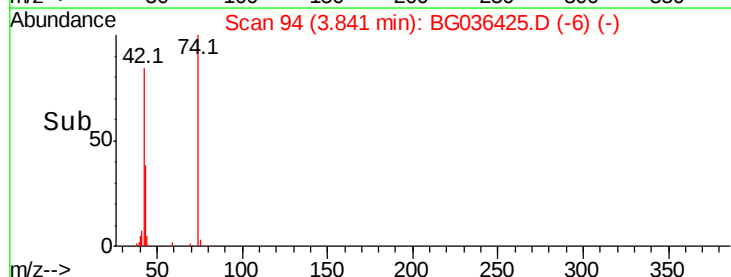
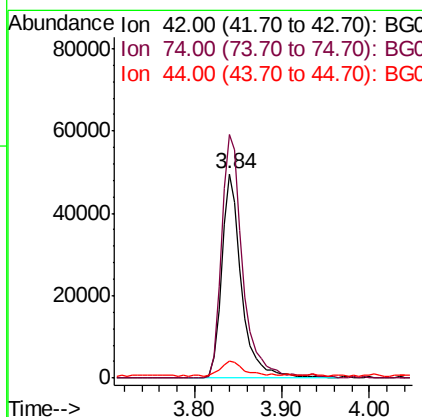
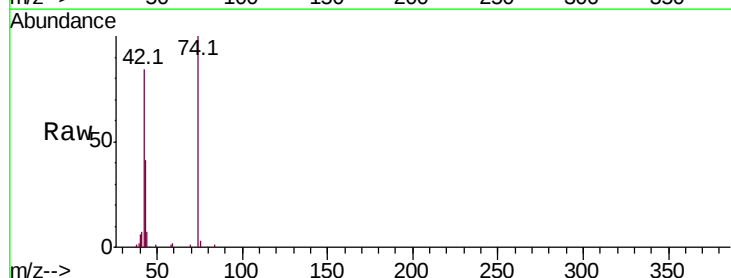
Tgt Ion: 42 Resp: 77486

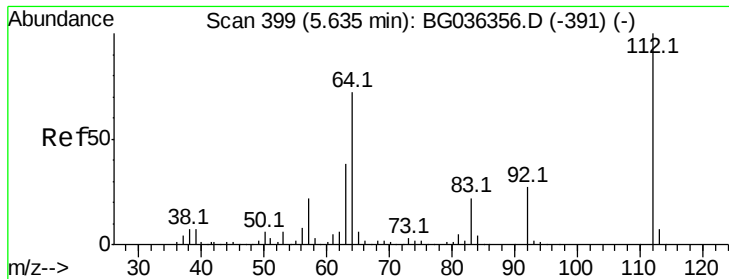
Ion Ratio Lower Upper

42 100

74 119.1 96.6 145.0

44 8.5 7.0 10.4





#5

2-Fluorophenol

Concen: 110.135 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

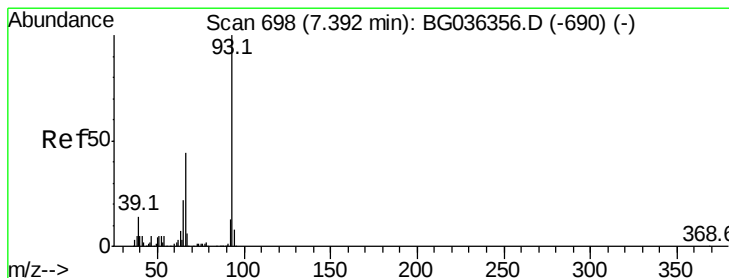
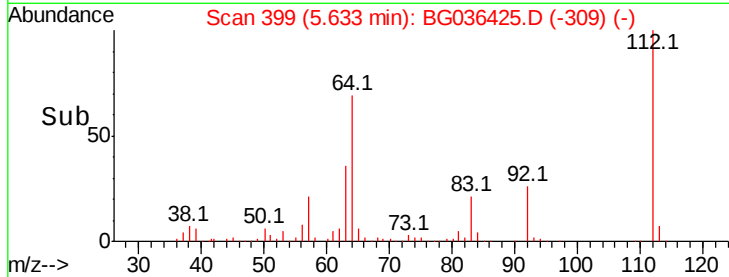
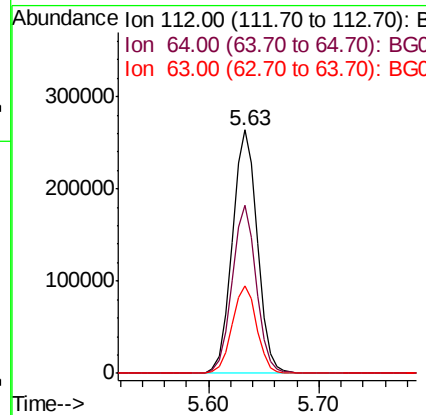
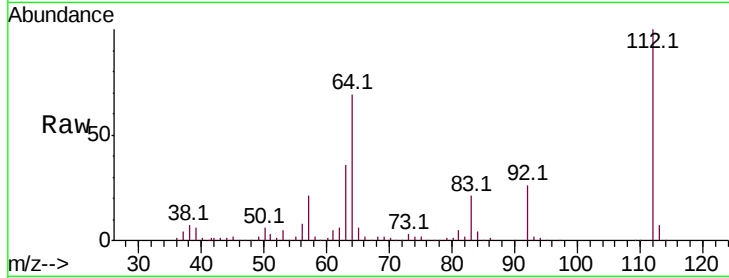
ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 418262 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.1  | 57.2  | 85.8   |
| 63        | 35.7  | 30.8  | 46.2   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#6

Aniline

Concen: 33.071 ng

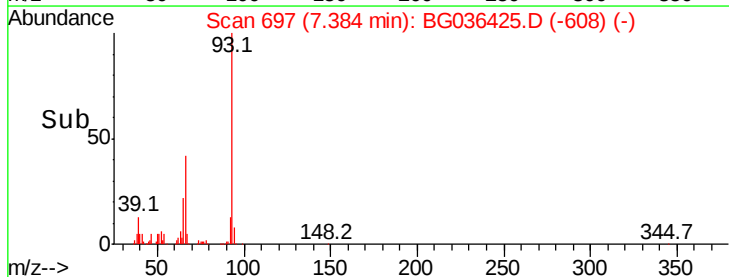
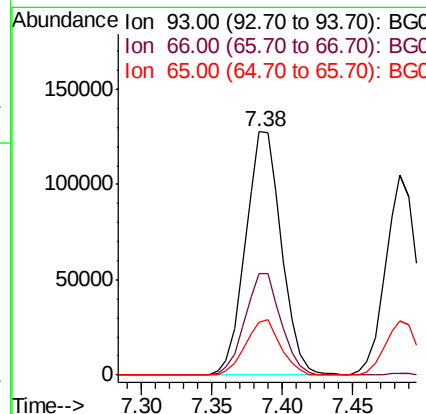
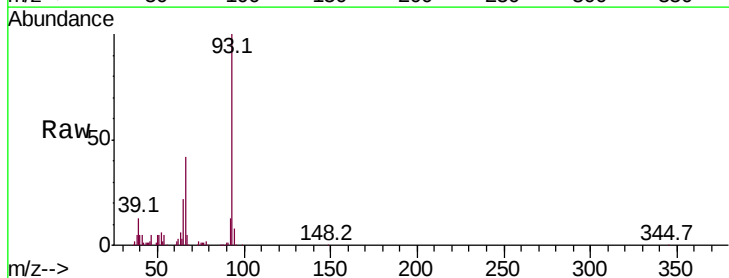
RT: 7.38 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 228246 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.8  | 35.0  | 52.4   |
| 65        | 21.7  | 17.6  | 26.4   |





#7

Phenol-d6

Concen: 106.214 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

ClientSampleId :

PB112371BS

Tot Ion: 99 Resp: 577526

Ion Ratio Lower Upper

99 100

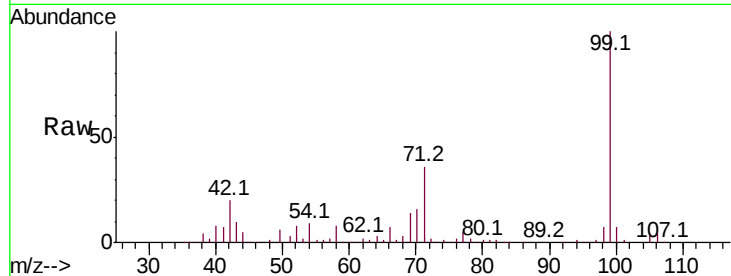
42 20.3 16.5 24.7

71 36.2 29.4 44.2

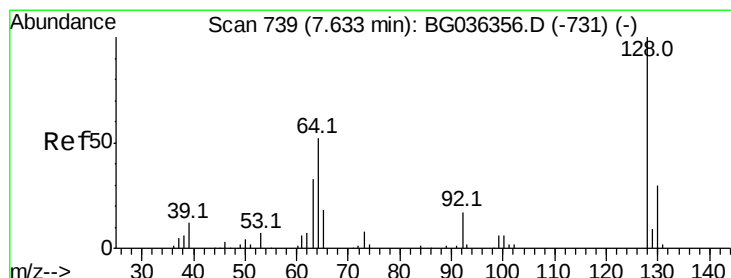
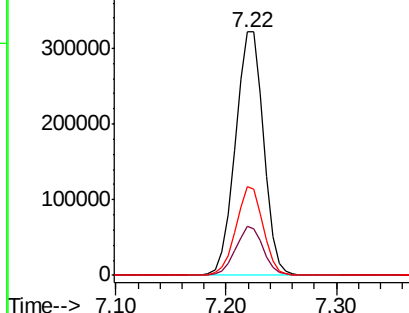
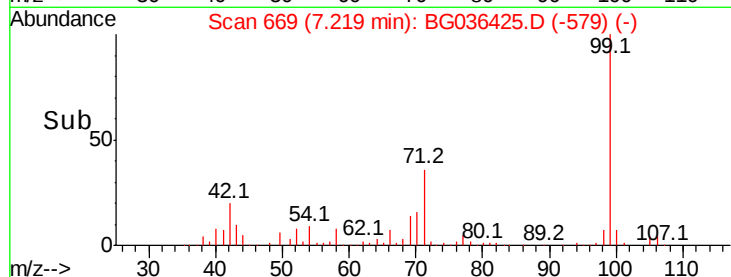
Manual Integrations  
APPROVED

Sohil

8/28/2018 12:12:42 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.014 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

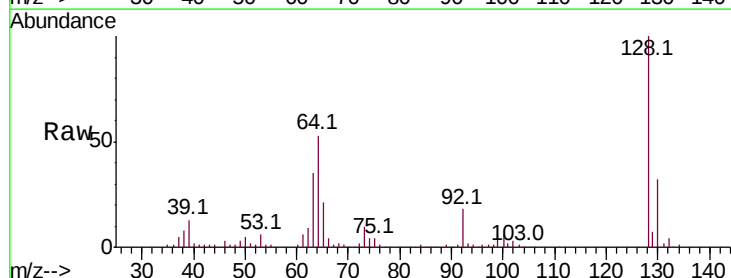
Tgt Ion:128 Resp: 168911

Ion Ratio Lower Upper

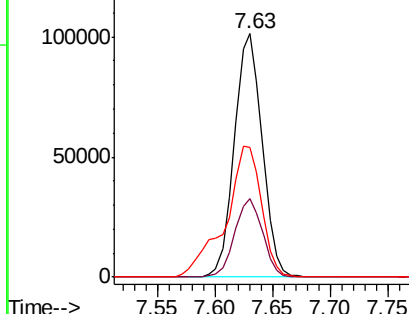
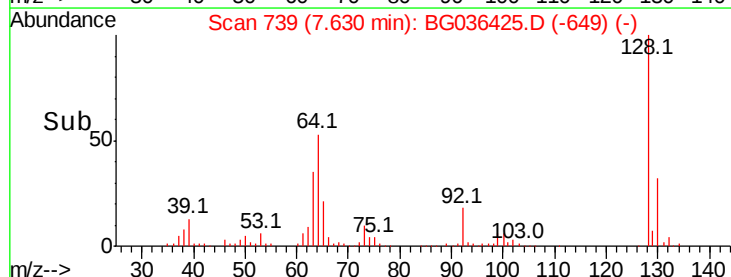
128 100

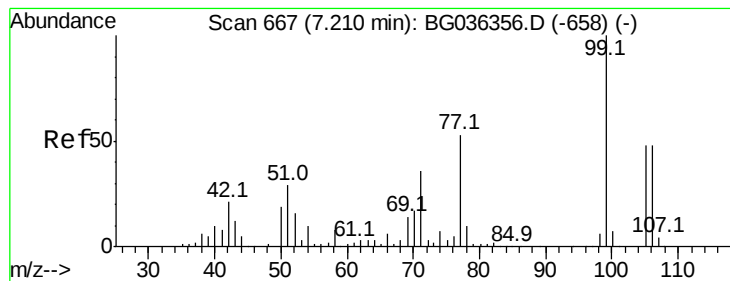
130 32.1 10.0 50.0

64 53.4 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.461 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

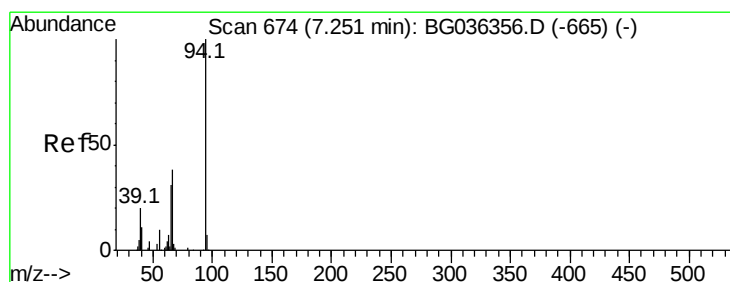
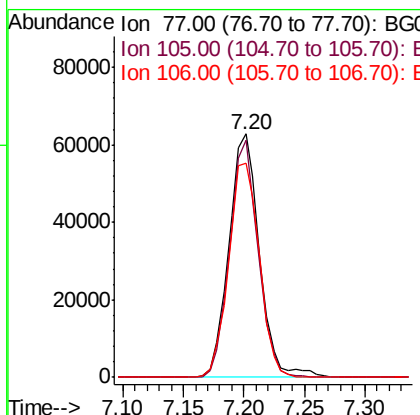
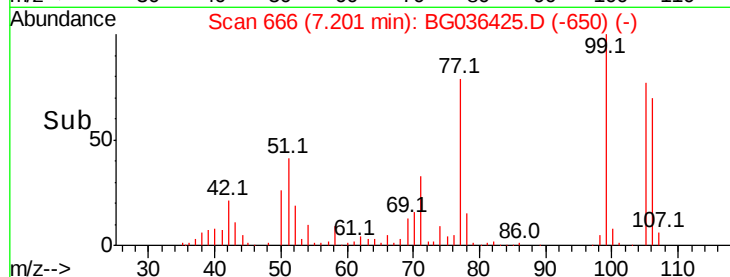
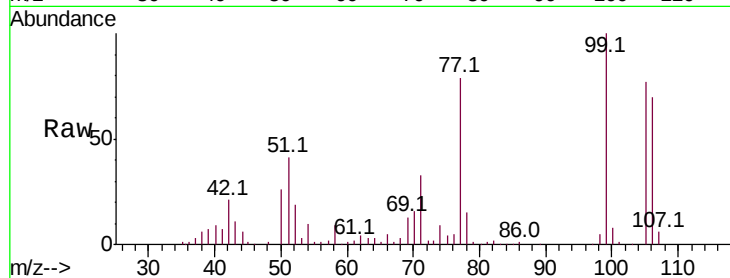
ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 110310 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 97.2  | 70.5  | 110.5  |
| 106       | 88.0  | 69.8  | 109.8  |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#10

Phenol

Concen: 41.832 ng

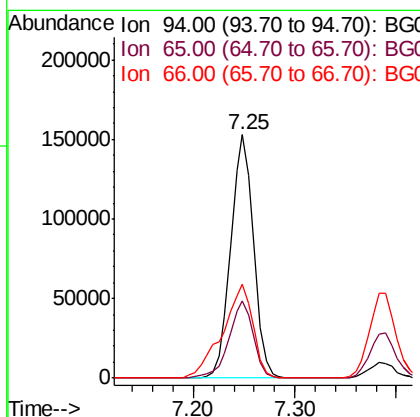
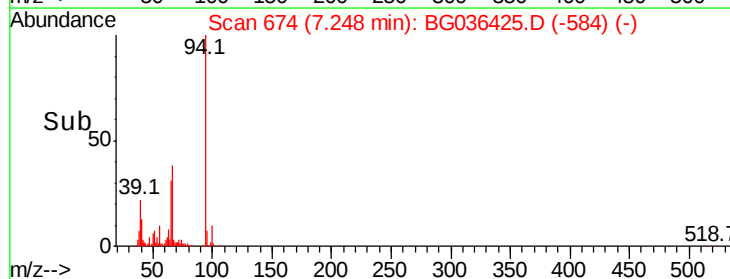
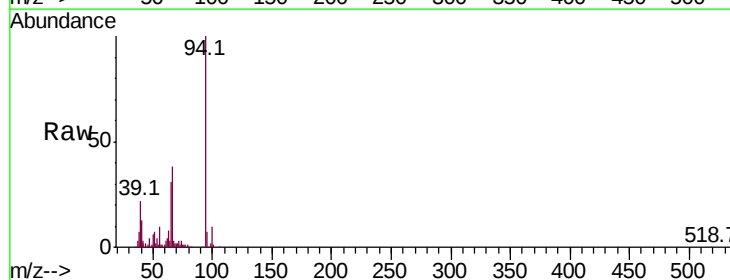
RT: 7.25 min Scan# 674

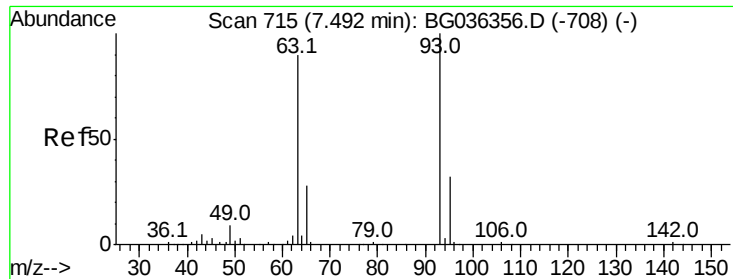
Delta R.T. -0.00 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 238028 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 31.5  | 11.5  | 51.5   |
| 66        | 38.4  | 19.5  | 59.5   |





#11

bis(2-Chloroethyl)ether

Concen: 36.231 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

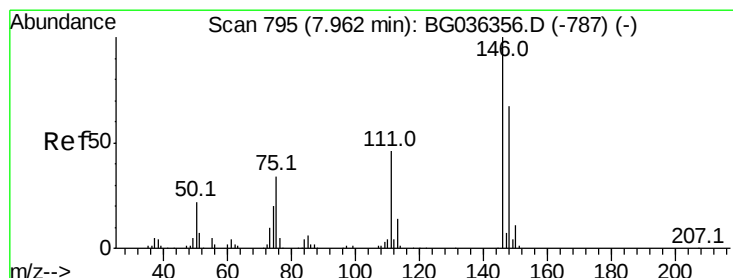
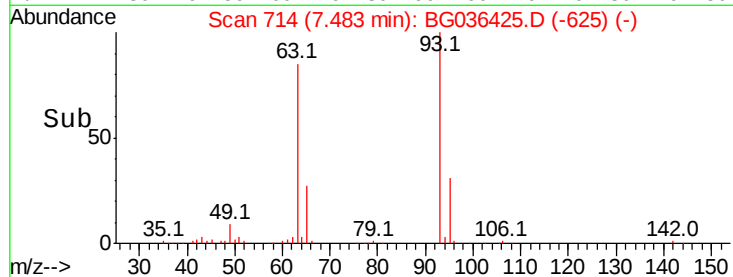
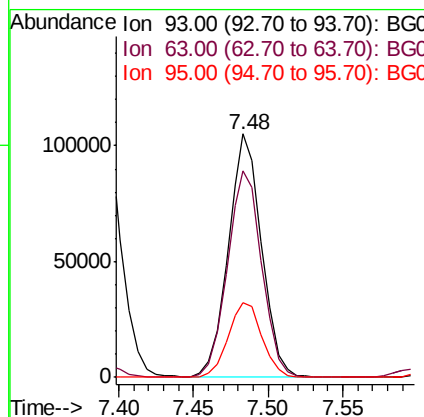
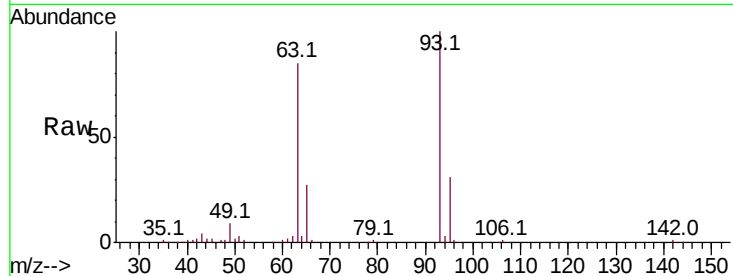
ClientSampled :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 163440 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 85.0  | 69.9  | 109.9  |
| 95        | 30.7  | 11.7  | 51.7   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#12

1,3-Dichlorobenzene

Concen: 35.265 ng

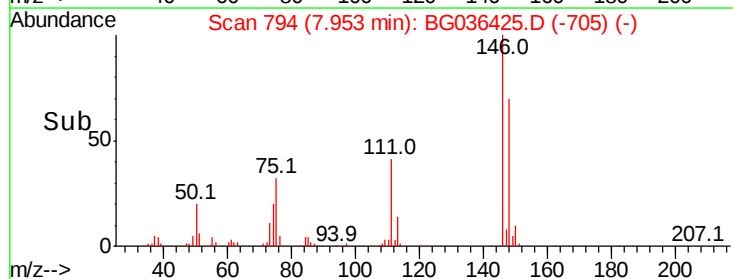
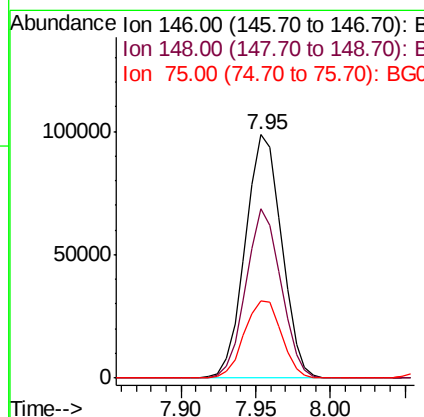
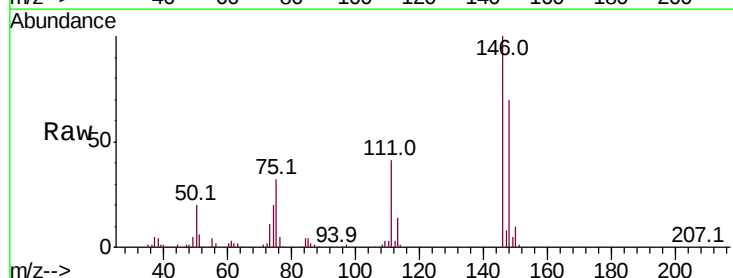
RT: 7.95 min Scan# 794

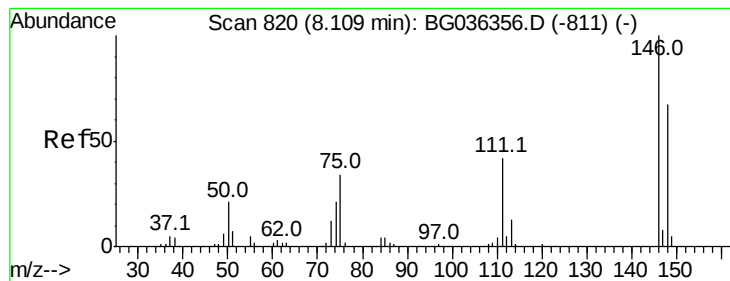
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 165838 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 69.5  | 53.8  | 80.6   |
| 75        | 31.5  | 27.2  | 40.8   |





#13

1,4-Dichlorobenzene

Concen: 35.889 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

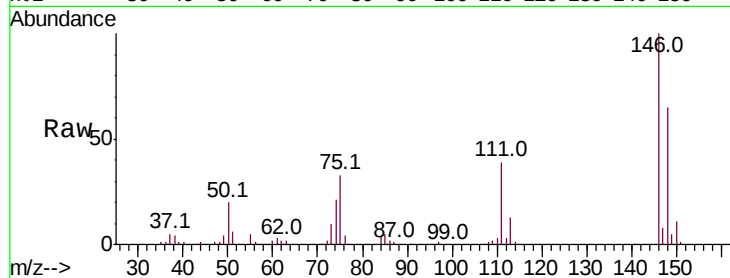
ClientSampleId :

PB112371BS

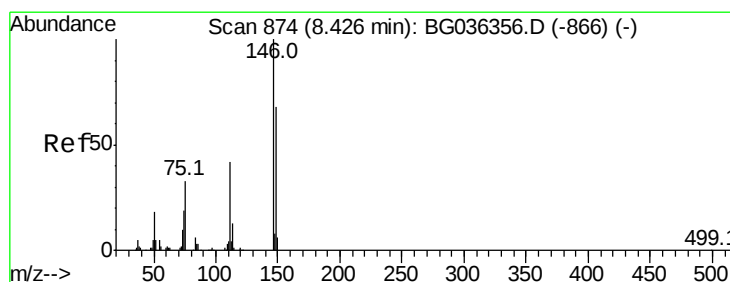
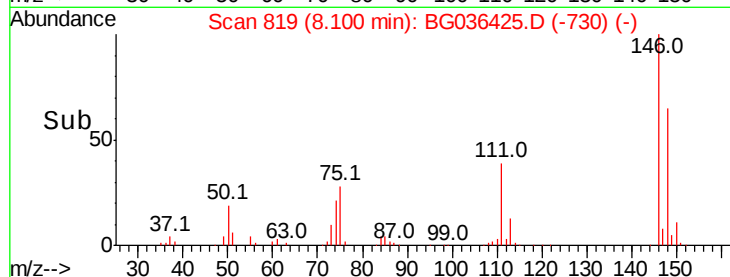
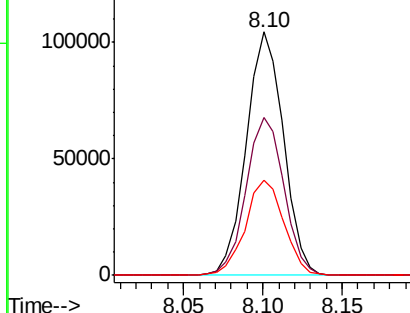
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 170395 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 53.9  | 80.9   |
| 111       | 39.2  | 33.8  | 50.6   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.817 ng

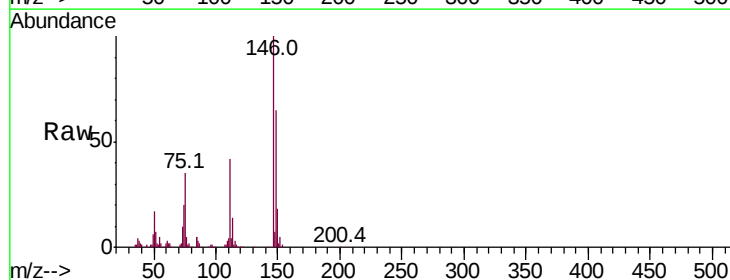
RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

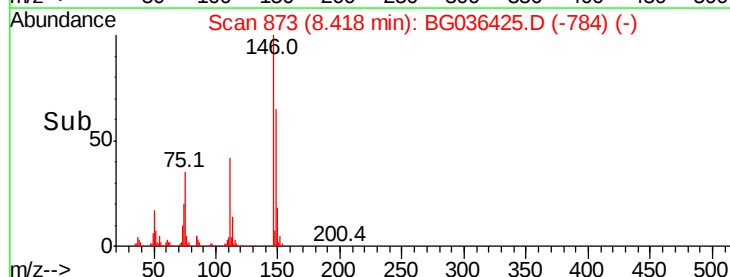
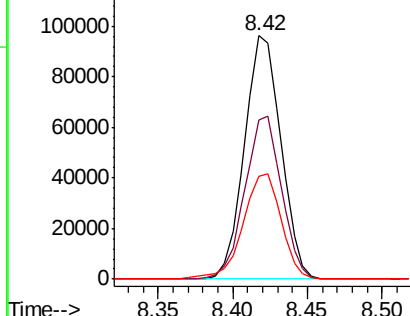
Lab File: BG036425.D

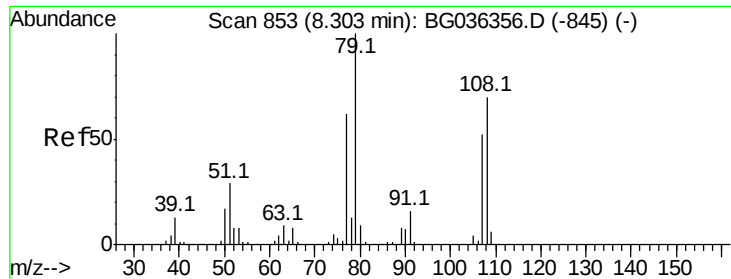
Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 162406 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.2  | 55.0  | 82.6   |
| 111       | 42.2  | 34.6  | 51.8   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





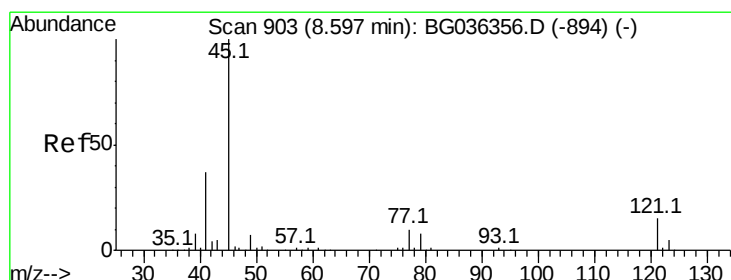
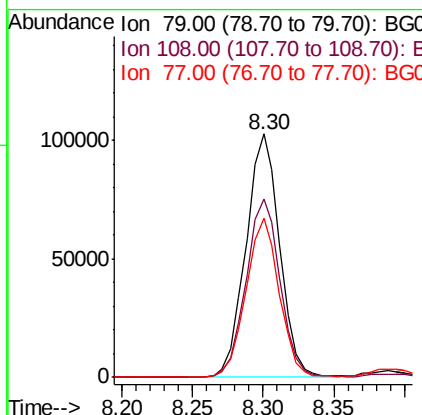
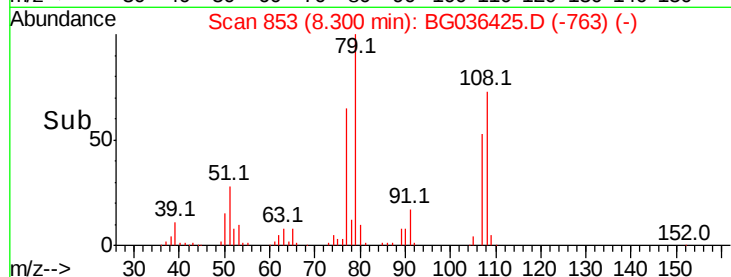
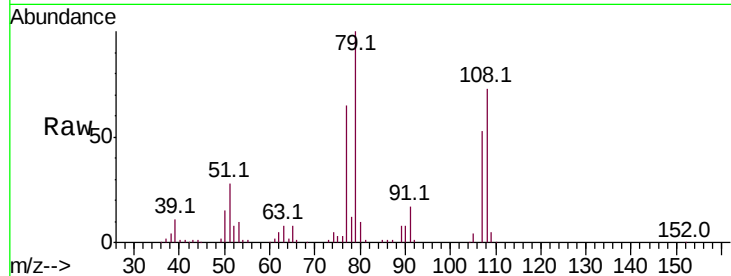
#15  
Benzyl Alcohol  
Concen: 39.325 ng  
RT: 8.30 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 172374 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 73.4  | 55.9  | 83.9   |
| 77        | 65.2  | 50.0  | 75.0   |

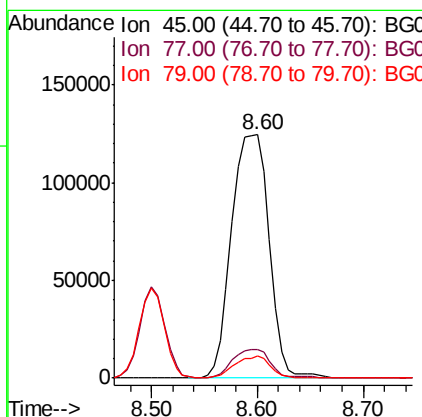
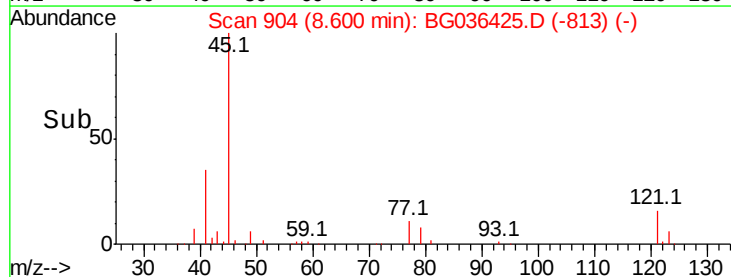
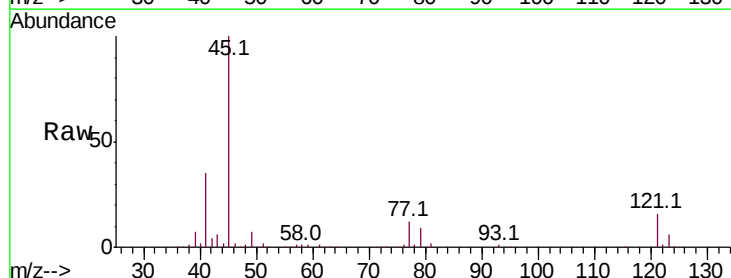
Manual Integrations  
APPROVED

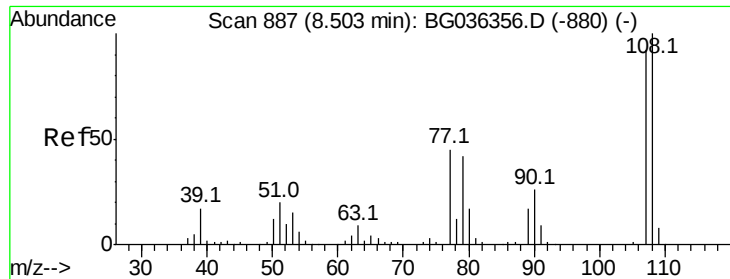
Sohil  
8/28/2018 12:12:42 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.831 ng  
RT: 8.60 min Scan# 904  
Delta R.T. 0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 307774 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.8  | 0.0   | 30.5   |
| 79        | 9.2   | 0.0   | 27.9   |





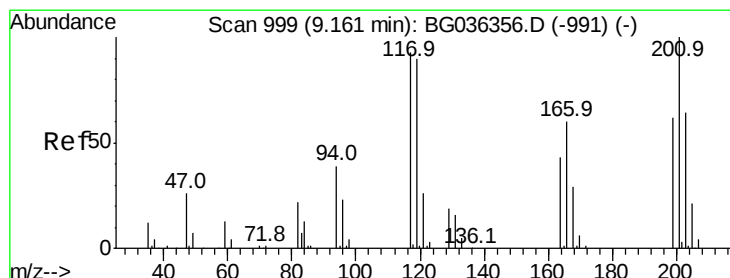
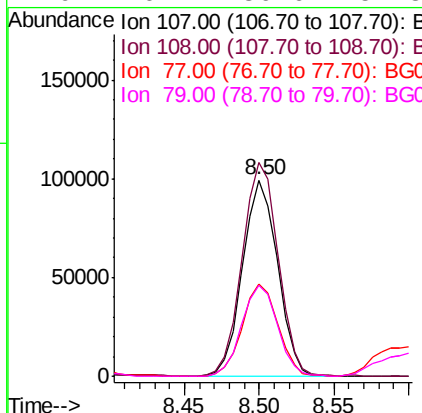
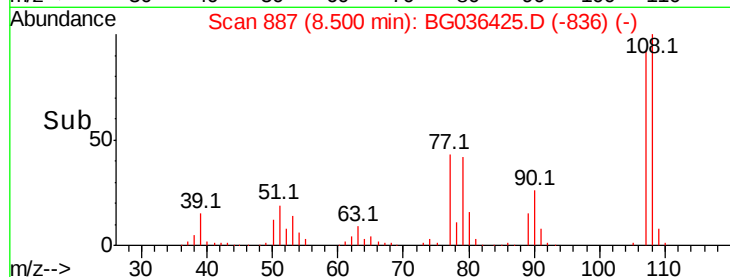
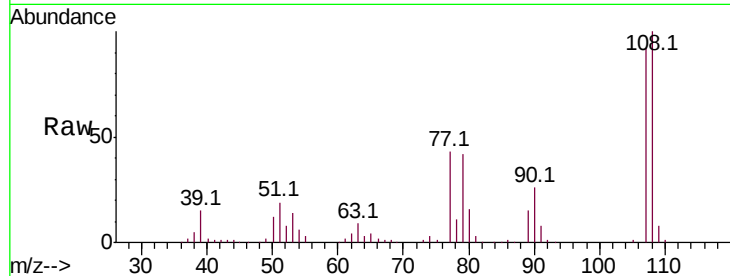
#17  
2-Methylphenol  
Concen: 42.757 ng  
RT: 8.50 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 161549 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.1 | 86.7  | 130.1  |
| 77        | 47.1  | 39.0  | 58.4   |
| 79        | 46.1  | 36.6  | 54.8   |

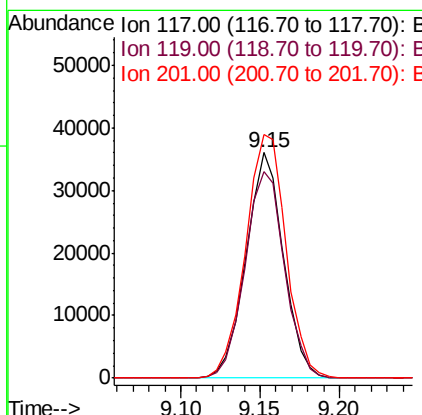
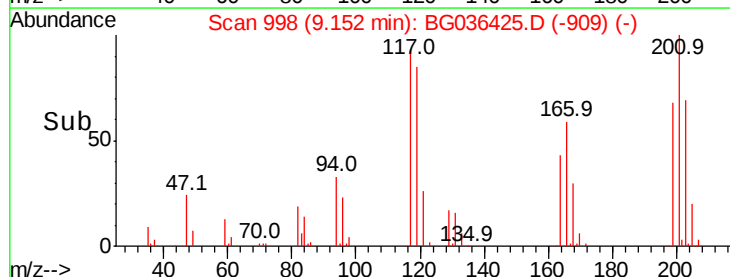
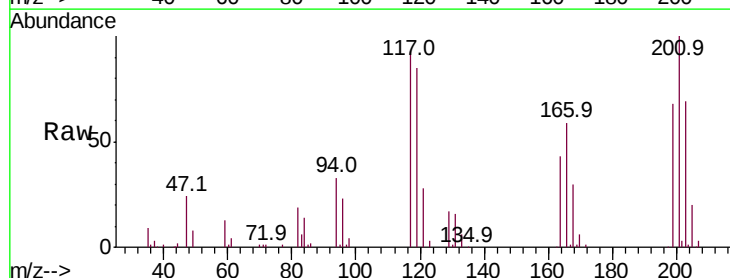
Manual Integrations  
APPROVED

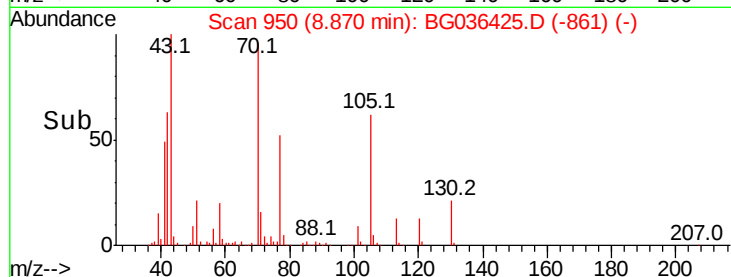
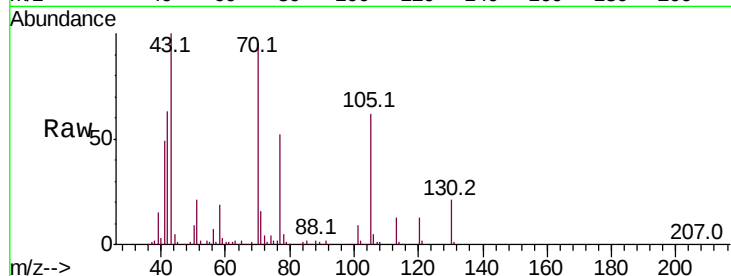
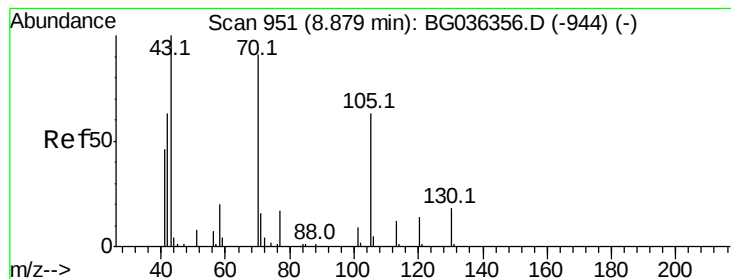
Sohil  
8/28/2018 12:12:42 PM



#18  
Hexachloroethane  
Concen: 34.667 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 59013 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 91.7  | 76.8  | 115.2 |
| 201       | 108.0 | 85.7  | 128.5 |





#19

n-Nitroso-di-n-propylamine

Concen: 35.854 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 65.8 | 56.2  | 84.4  |       |
| 101     | 9.6  | 7.8   | 11.6  |       |
| 130     | 21.6 | 16.2  | 24.2  |       |

Instrument :

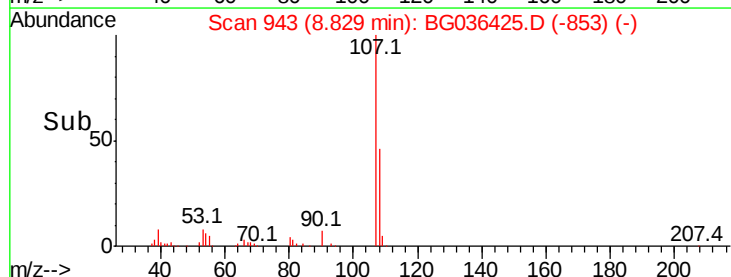
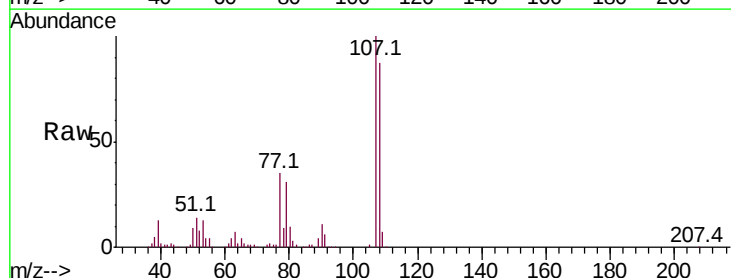
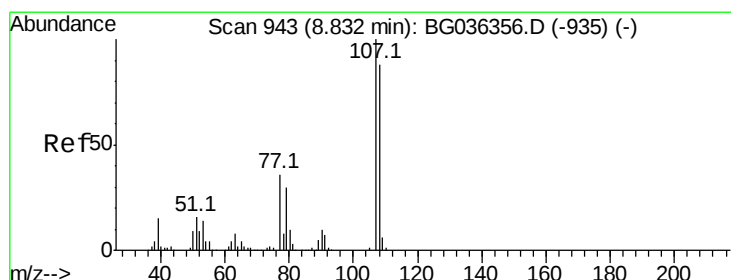
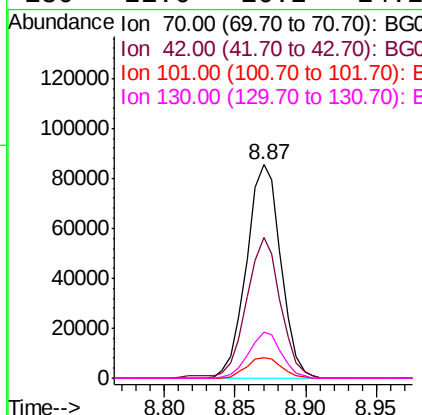
BNA\_G

ClientSampleId :

PB112371BS

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#20

3+4-Methylphenols

Concen: 41.908 ng

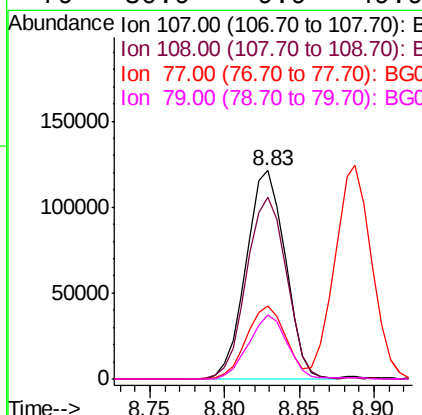
RT: 8.83 min Scan# 943

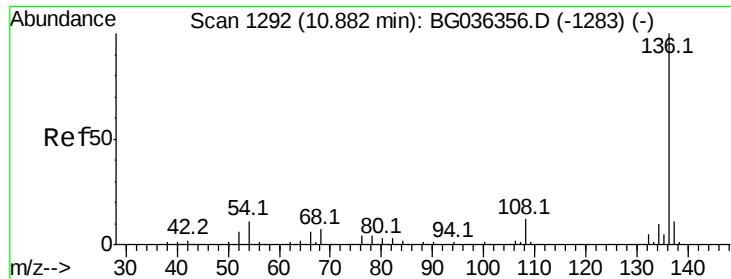
Delta R.T. -0.00 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.3 | 68.0  | 108.0 |       |
| 77      | 35.0 | 15.6  | 55.6  |       |
| 79      | 30.9 | 9.9   | 49.9  |       |





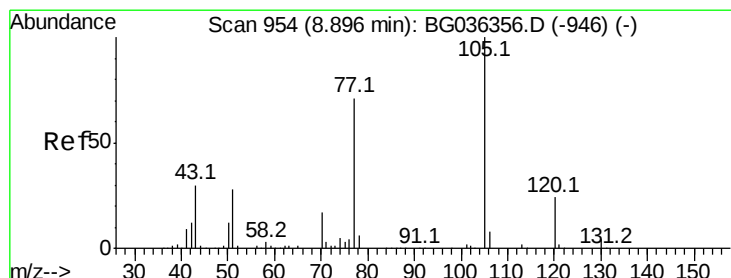
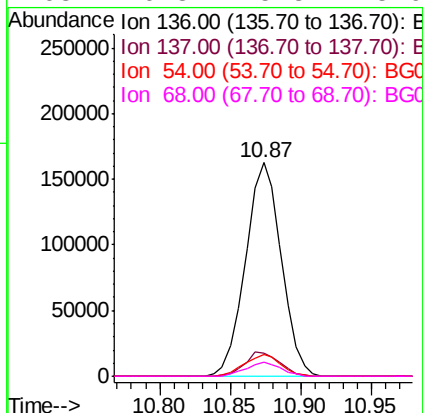
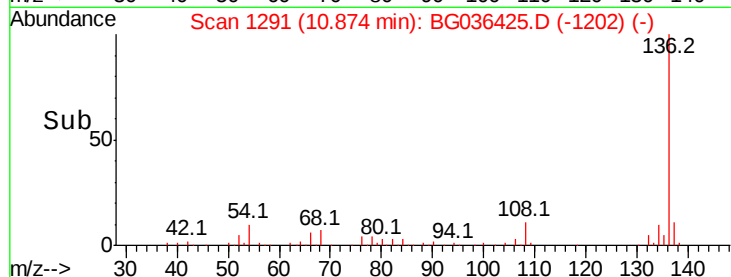
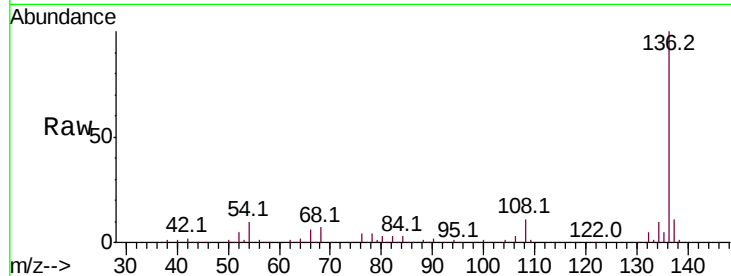
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 8.8  | 13.2  |       |
| 54      | 10.4  | 9.2  | 13.8  |       |
| 68      | 6.8   | 5.8  | 8.6   |       |

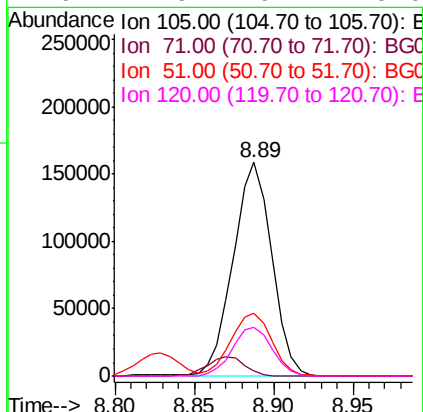
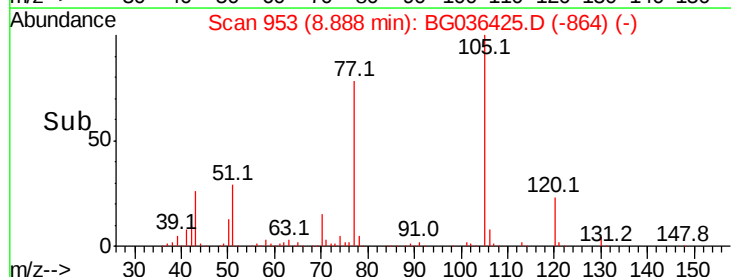
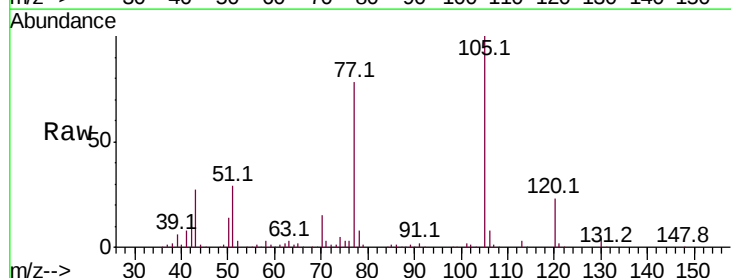
Manual Integrations  
APPROVED

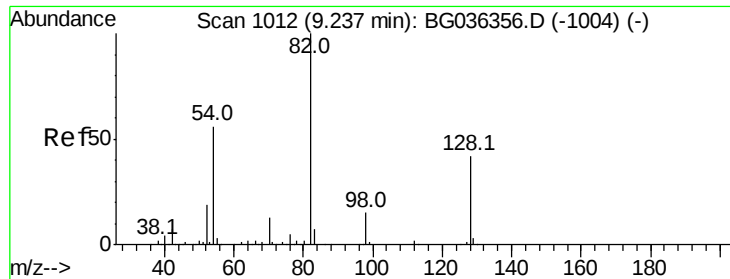
Sohil  
8/28/2018 12:12:42 PM



#22  
Acetophenone  
Concen: 35.419 ng  
RT: 8.89 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.7   | 2.4  | 3.6   |       |
| 51      | 29.4  | 25.9 | 38.9  |       |
| 120     | 22.9  | 19.4 | 29.0  |       |





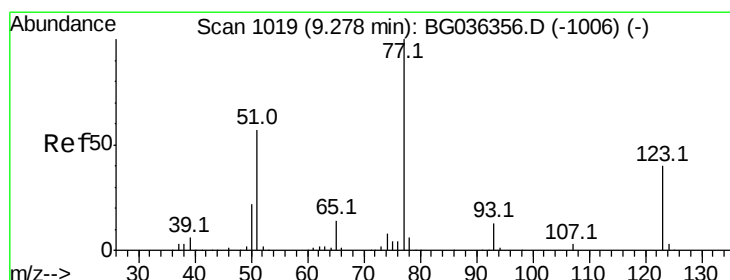
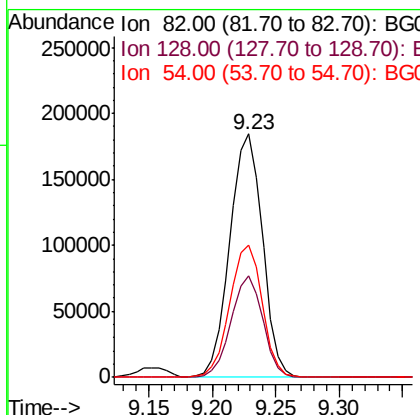
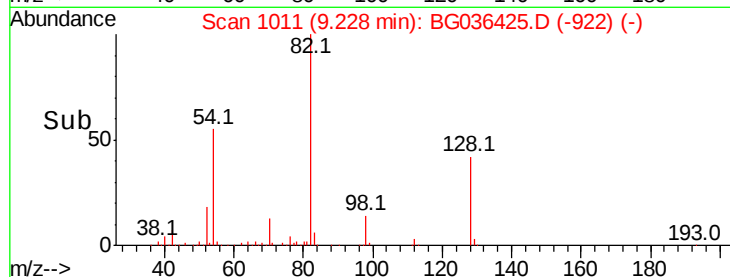
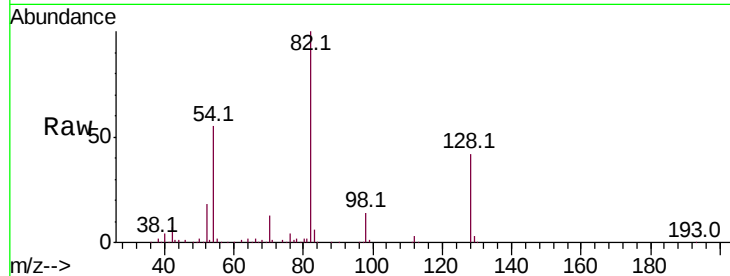
#23  
Nitrobenzene-d5  
Concen: 61.491 ng  
RT: 9.23 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampled :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.9  | 33.3  | 49.9  |
| 54      | 54.6  | 45.1  | 67.7  |

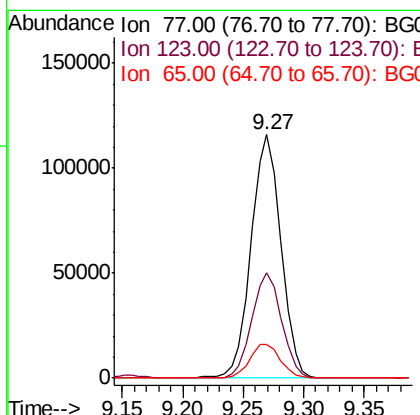
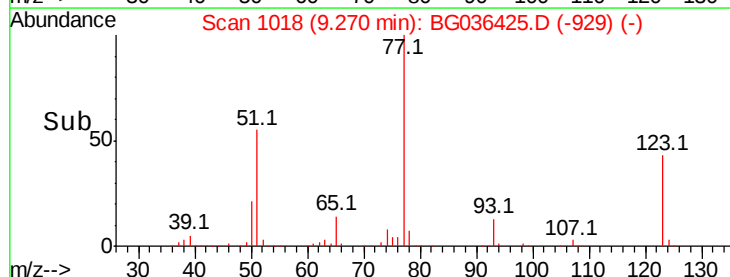
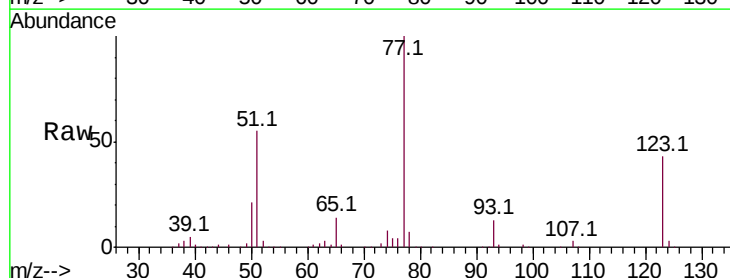
Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#24  
Nitrobenzene  
Concen: 34.826 ng  
RT: 9.27 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.3  | 32.4  | 48.6  |
| 65      | 14.0  | 11.5  | 17.3  |





#25

Isophorone

Concen: 39.252 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

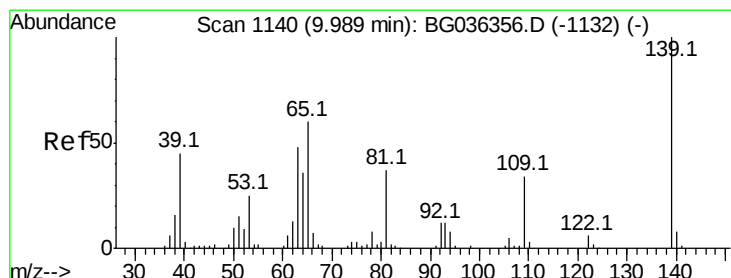
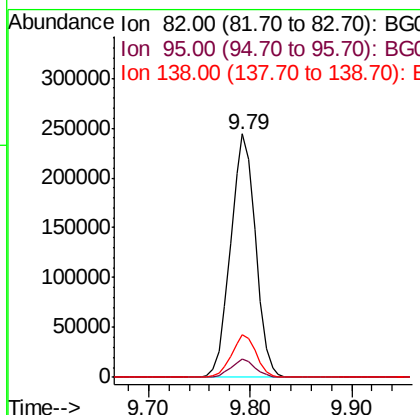
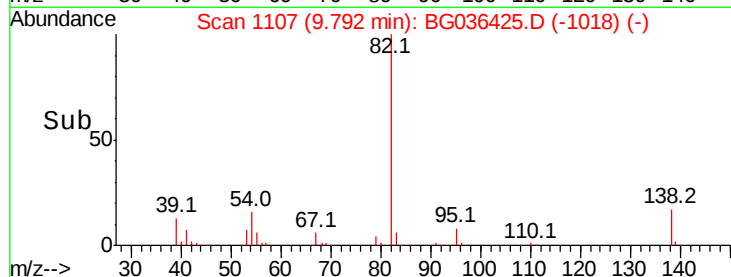
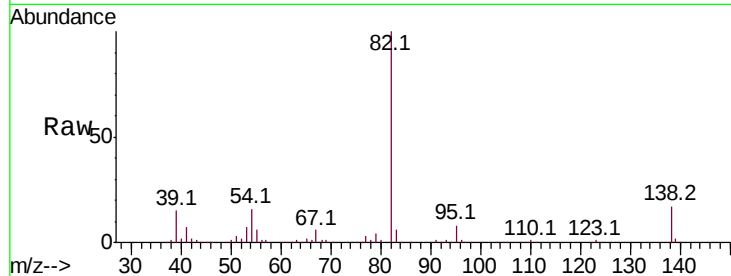
ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 414529 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 5.8   | 8.8    |
| 138       | 17.4  | 12.9  | 19.3   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#26

2-Nitrophenol

Concen: 33.610 ng

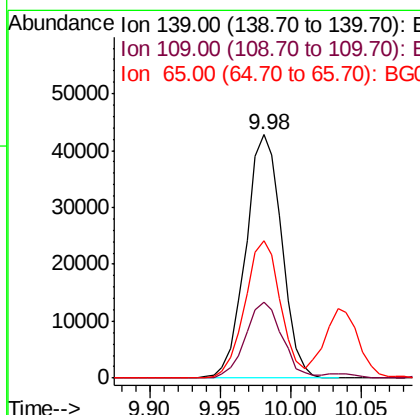
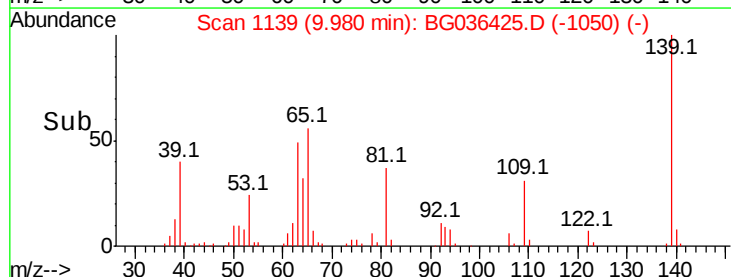
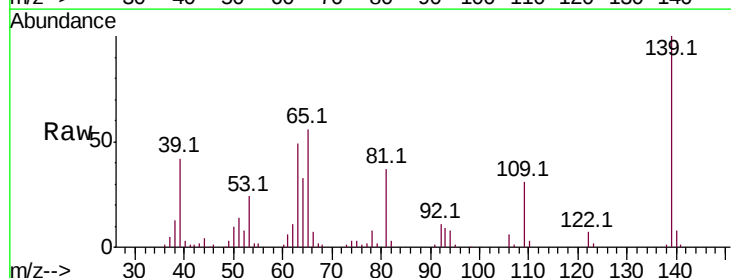
RT: 9.98 min Scan# 1139

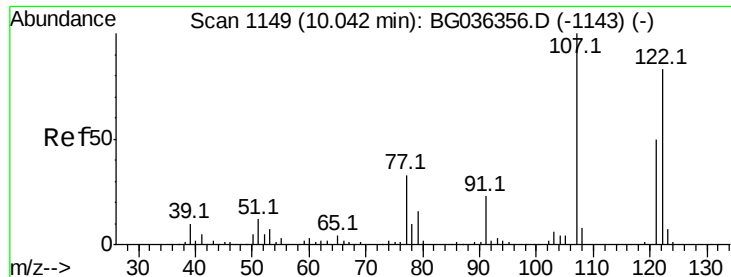
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 76348 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.4  | 27.4  | 41.0  |
| 65        | 56.3  | 47.8  | 71.6  |





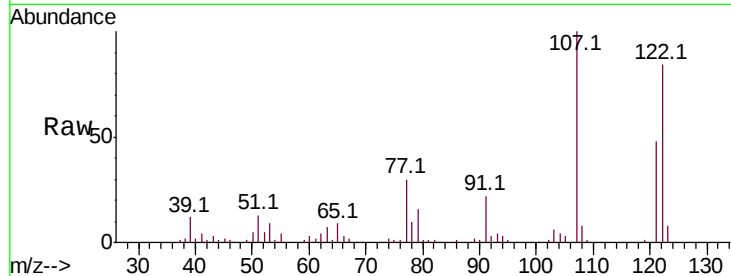
#27  
 2,4-Dimethylphenol  
 Concen: 44.110 ng  
 RT: 10.04 min Scan# 1149  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 185508 |       |       |
| 107     | 119.4 | 96.0   | 144.0 |       |
| 121     | 57.3  | 48.2   | 72.4  |       |

Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM

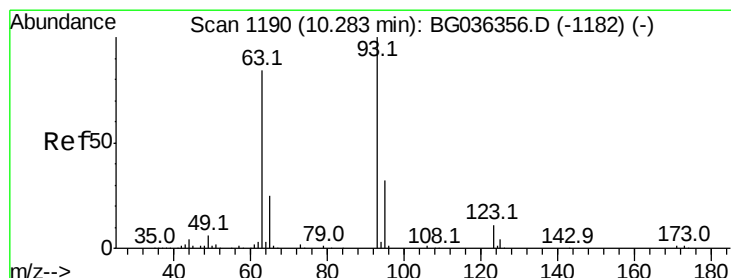
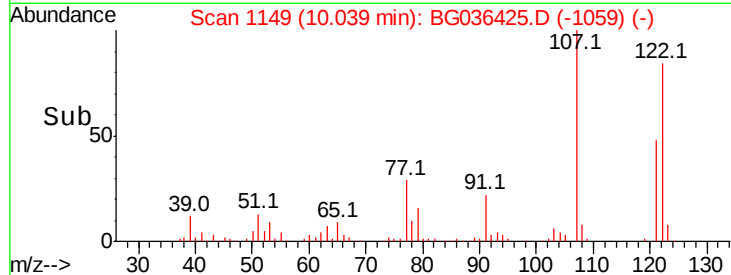
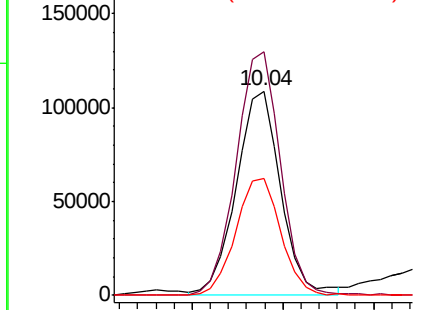


Abundance

Ion 122.00 (121.70 to 122.70): E

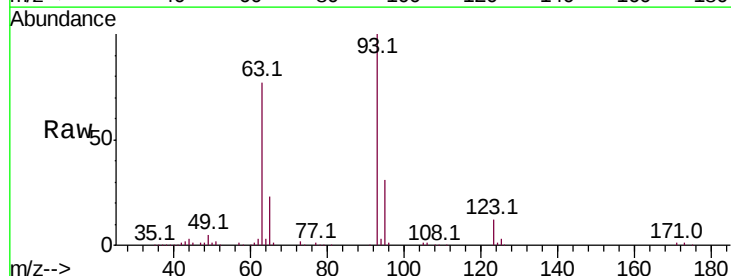
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.968 ng  
 RT: 10.28 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 239601 |       |       |
| 95      | 31.0  | 25.2   | 37.8  |       |
| 123     | 11.9  | 8.6    | 12.8  |       |

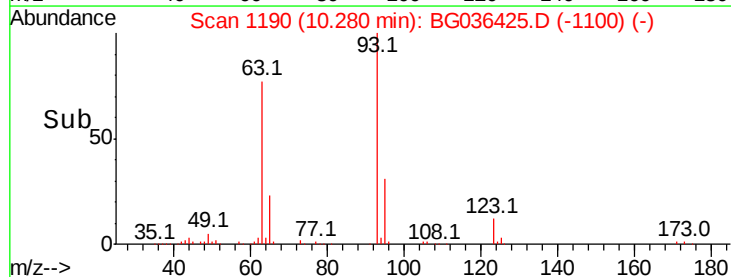
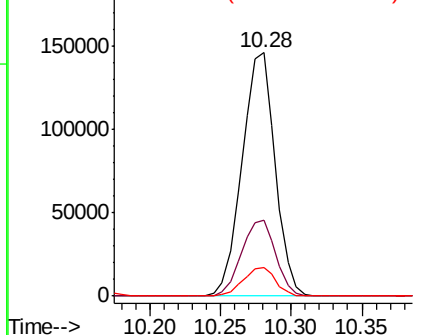


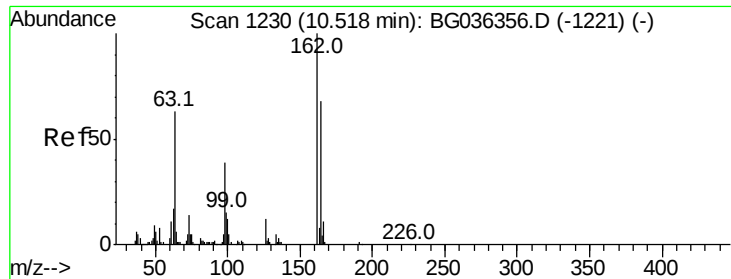
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





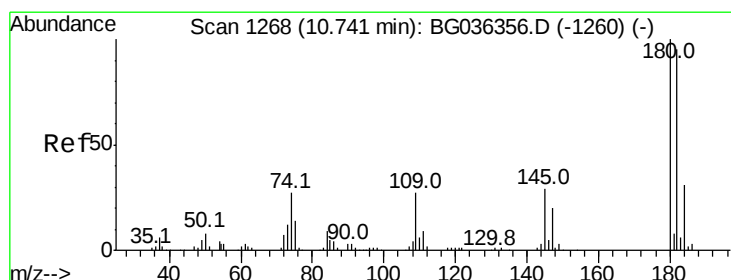
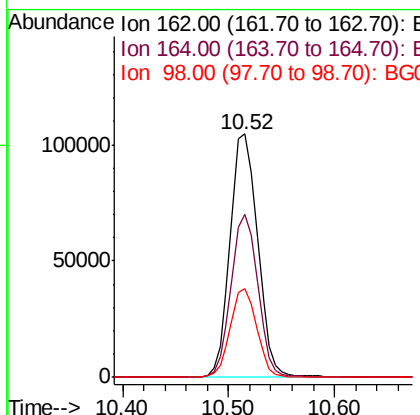
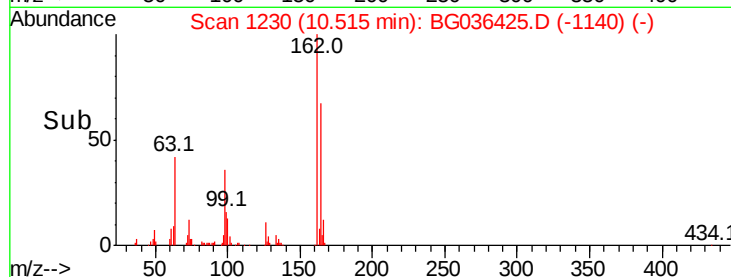
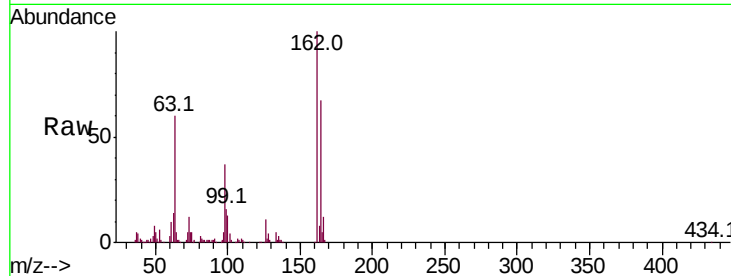
#29  
 2,4-Dichlorophenol  
 Concen: 41.159 ng  
 RT: 10.52 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion   | 162   | Resp  | 189706 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.8  | 47.6  | 87.6   |
| 98        | 36.5  | 19.2  | 59.2   |

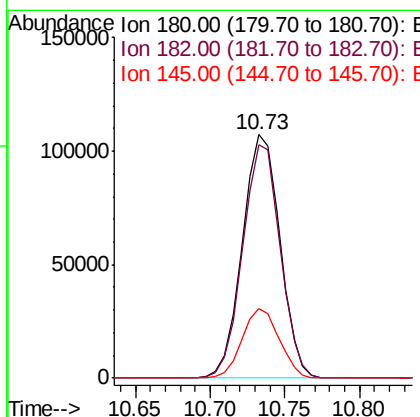
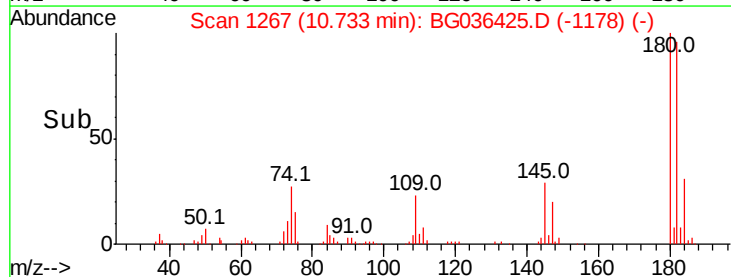
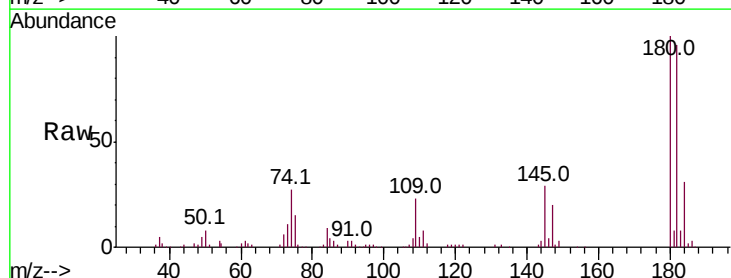
Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 34.636 ng  
 RT: 10.73 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion   | 180   | Resp  | 186755 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 76.0  | 114.0  |
| 145       | 28.7  | 22.9  | 34.3   |





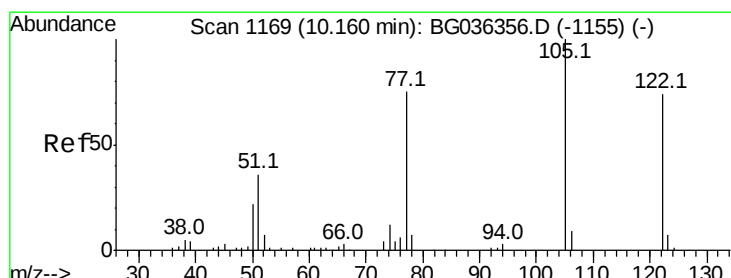
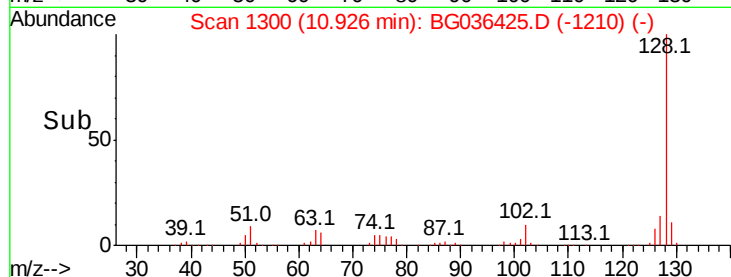
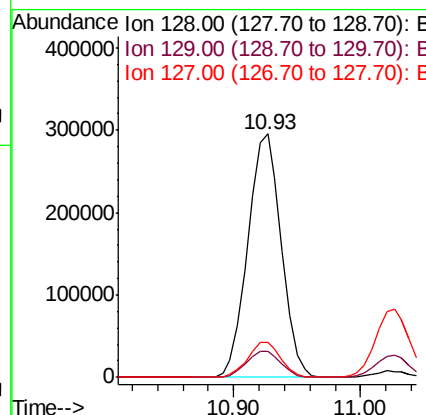
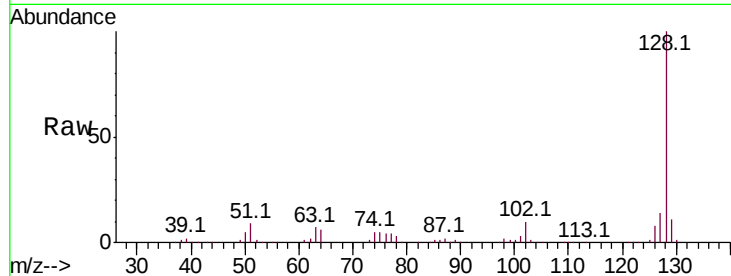
#31  
Naphthalene  
Concen: 37.492 ng  
RT: 10.93 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.4   | 14.2  |
| 127     | 14.3  | 11.0  | 16.4  |

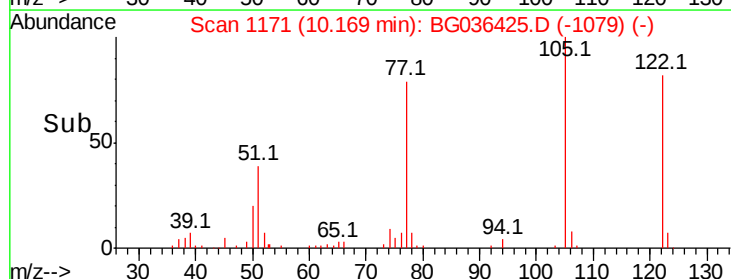
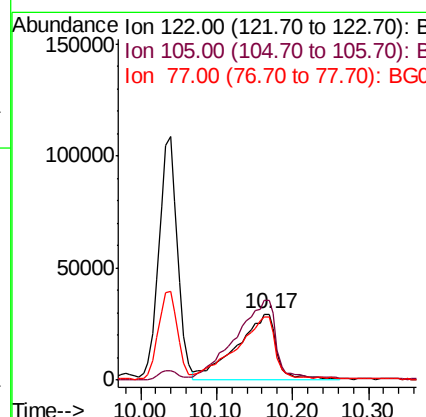
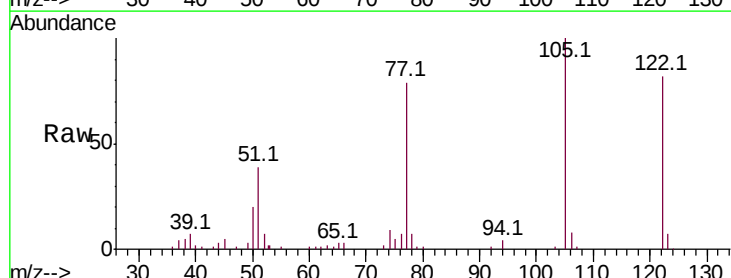
Manual Integrations  
APPROVED

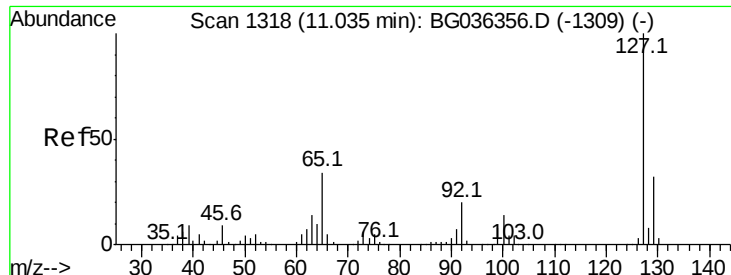
Sohil  
8/28/2018 12:12:42 PM



#32  
Benzoic acid  
Concen: 36.597 ng m  
RT: 10.17 min Scan# 1171  
Delta R.T. 0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.4 | 108.1 | 148.1 |
| 77      | 95.4  | 76.3  | 116.3 |





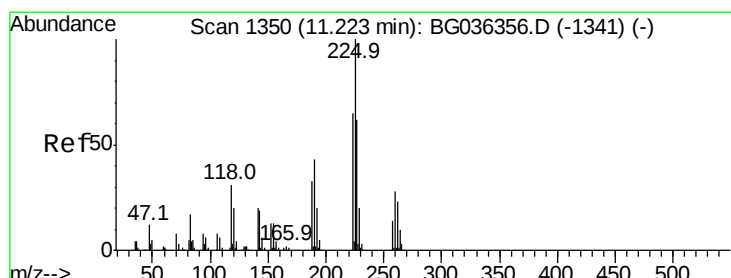
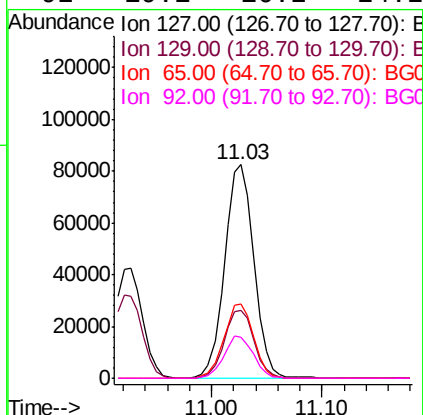
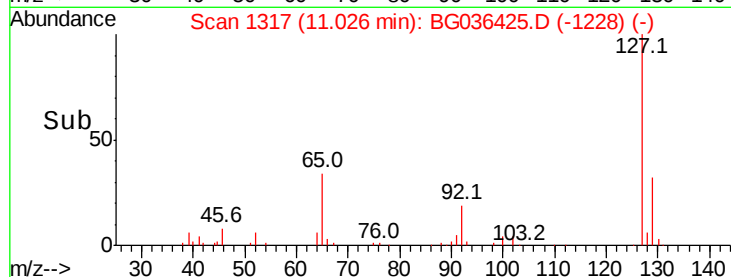
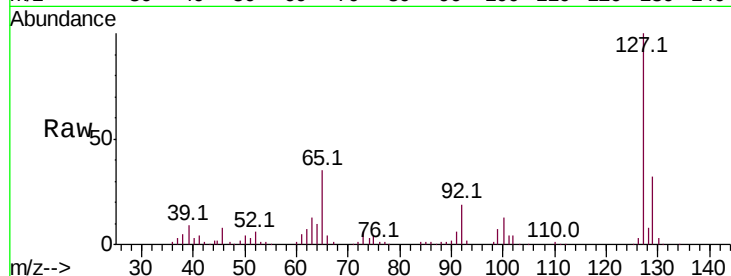
#33  
4-Chloroaniline  
Concen: 23.124 ng  
RT: 11.03 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.9  | 25.9  | 38.9  |
| 65      | 35.0  | 27.5  | 41.3  |
| 92      | 19.1  | 16.2  | 24.2  |

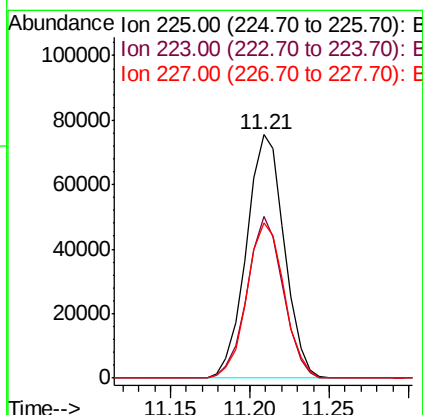
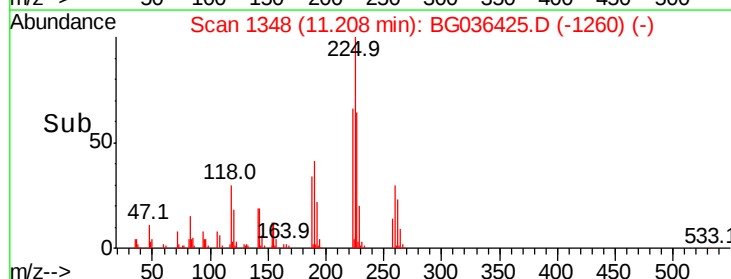
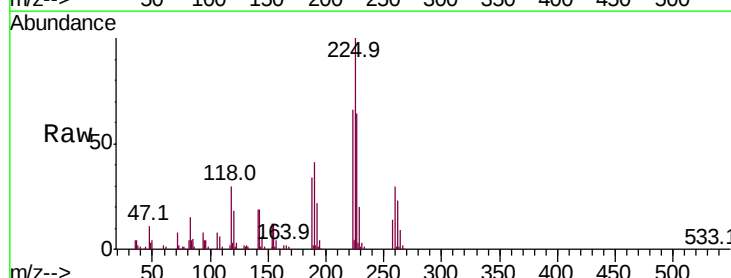
Manual Integrations  
APPROVED

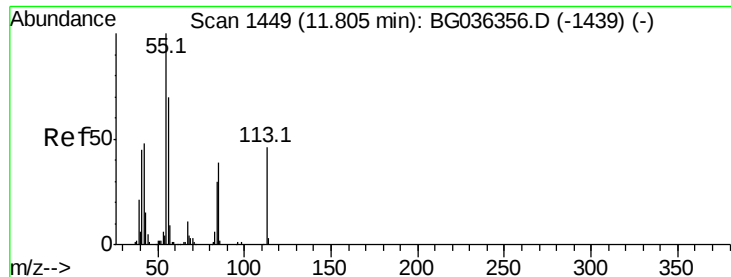
Sohil  
8/28/2018 12:12:42 PM



#34  
Hexachlorobutadiene  
Concen: 34.542 ng  
RT: 11.21 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.4  | 51.8  | 77.8  |
| 227     | 64.0  | 49.8  | 74.6  |





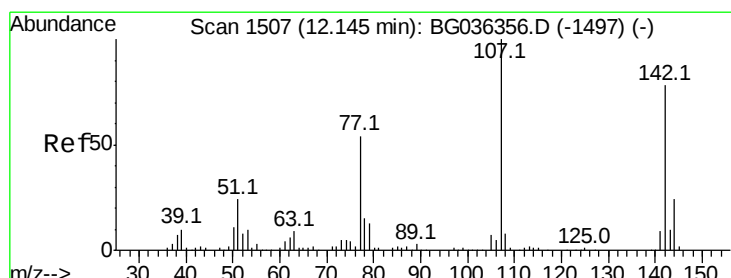
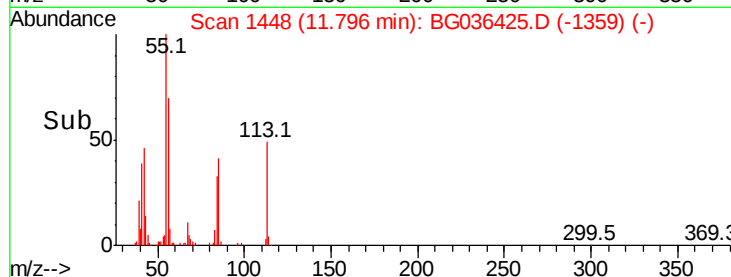
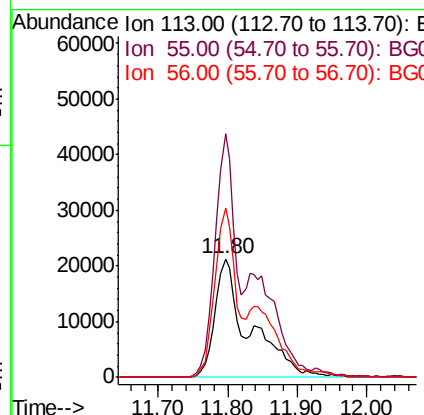
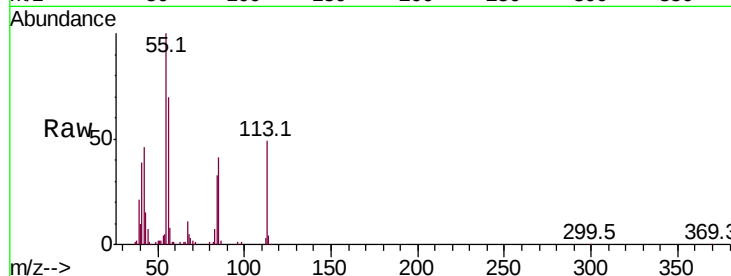
#35  
 Caprolactam  
 Concen: 39.951 ng/ml  
 RT: 11.80 min Scan# 1448  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 205.8 | 197.7 | 237.7 |
| 56      | 143.4 | 131.7 | 171.7 |

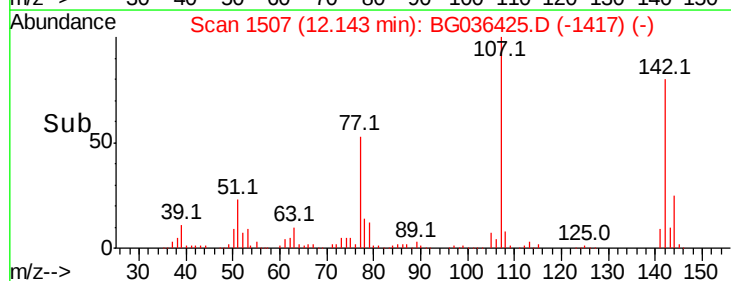
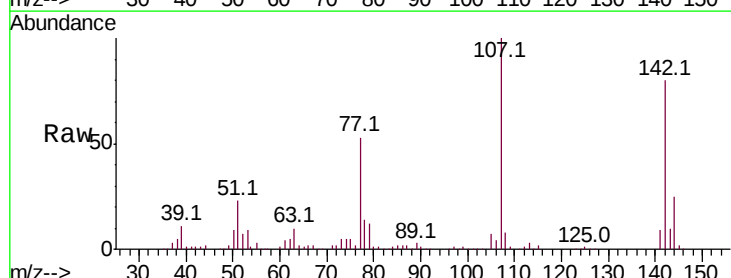
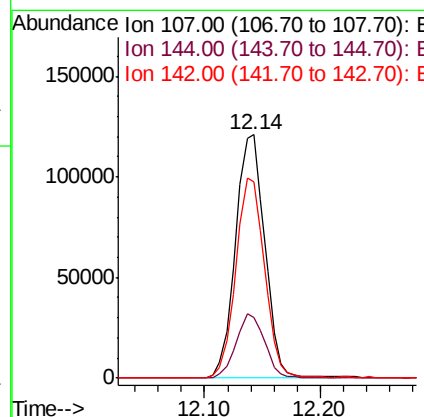
Manual Integrations  
 APPROVED

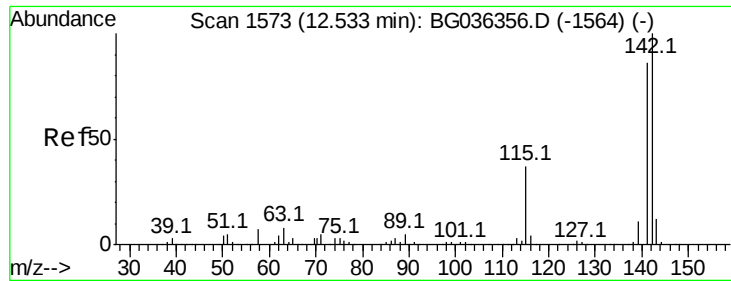
Sohil  
 8/28/2018 12:12:42 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.811 ng/ml  
 RT: 12.14 min Scan# 1507  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.0  | 19.5  | 29.3  |
| 142     | 80.5  | 62.4  | 93.6  |





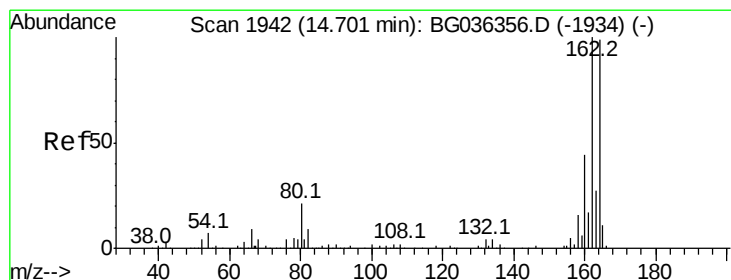
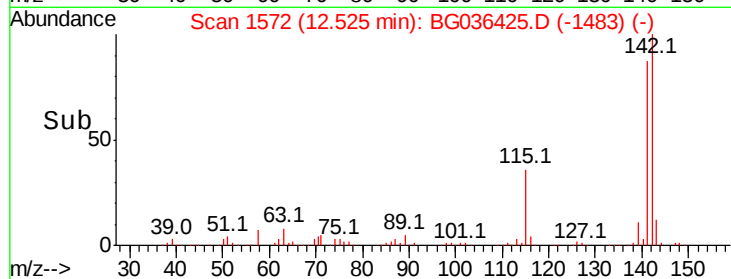
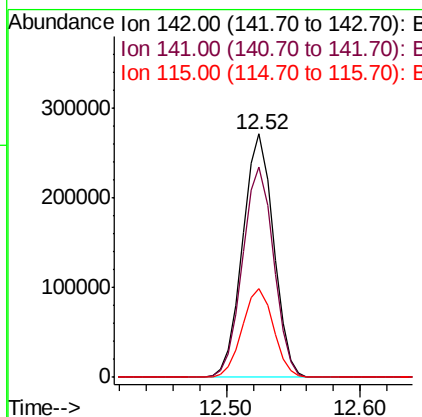
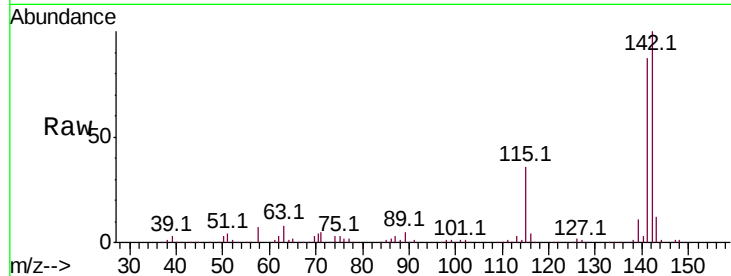
#37  
2-Methylnaphthalene  
Concen: 41.136 ng  
RT: 12.52 min Scan# 1572  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.6  | 68.5  | 102.7 |
| 115     | 36.3  | 29.8  | 44.8  |

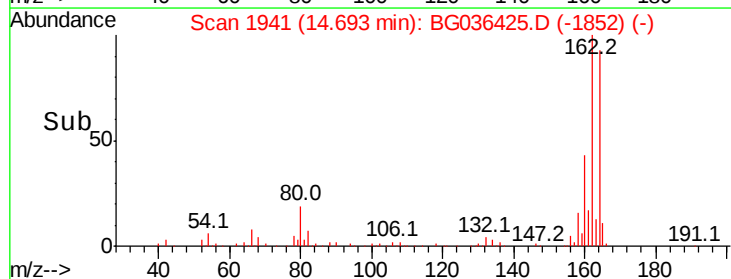
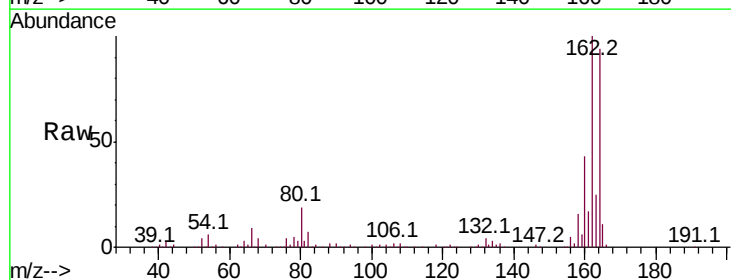
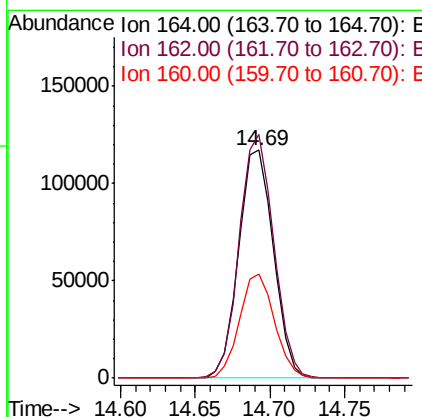
Manual Integrations  
APPROVED

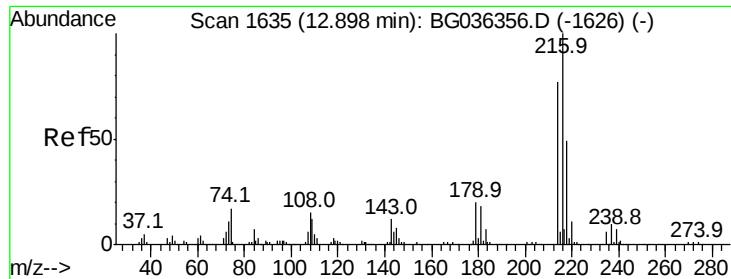
Sohil  
8/28/2018 12:12:42 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1941  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.9 | 80.7  | 121.1 |
| 160     | 45.6  | 35.3  | 52.9  |





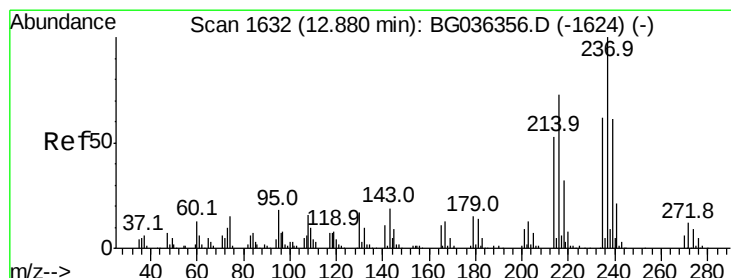
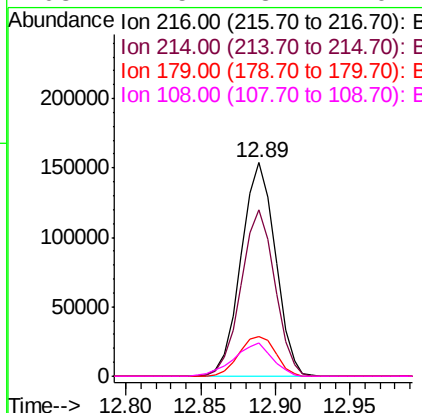
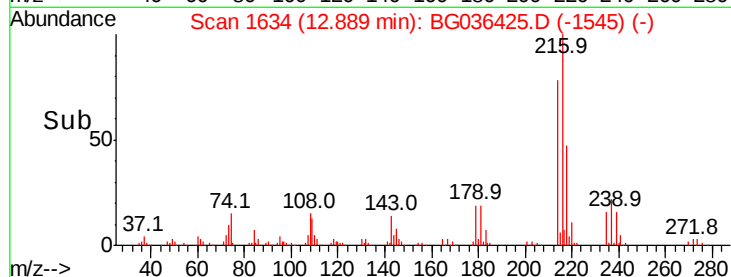
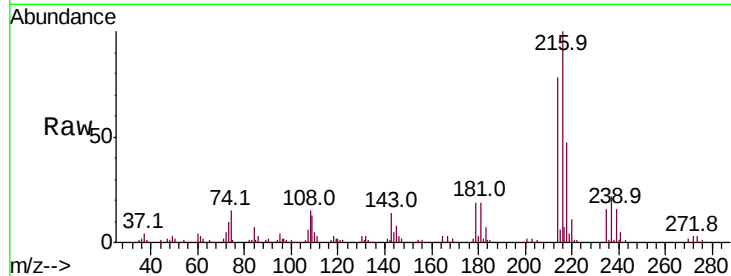
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.497 ng  
 RT: 12.89 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 244725 |       |       |
| 214     | 76.9  | 61.0   | 91.6  |       |
| 179     | 20.0  | 15.7   | 23.5  |       |
| 108     | 17.5  | 13.1   | 19.7  |       |

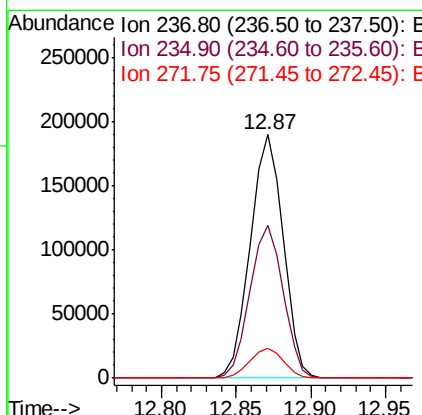
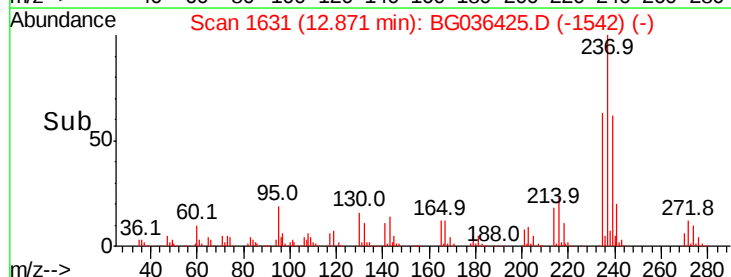
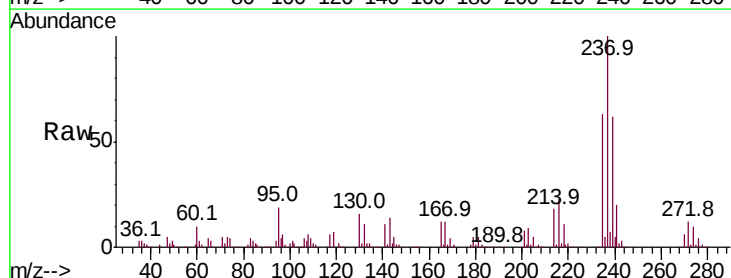
Manual Integrations  
 APPROVED

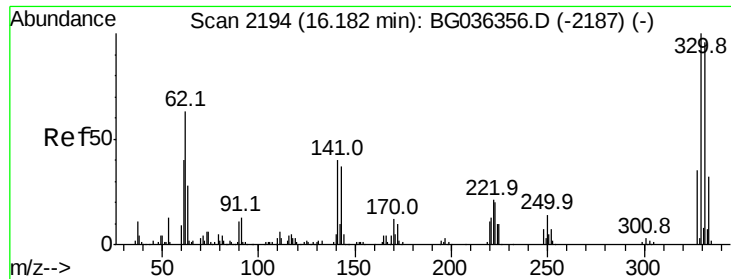
Sohil  
 8/28/2018 12:12:42 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 82.740 ng  
 RT: 12.87 min Scan# 1631  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 288663 |       |       |
| 235     | 63.0  | 42.2   | 82.2  |       |
| 272     | 12.2  | 0.0    | 32.1  |       |





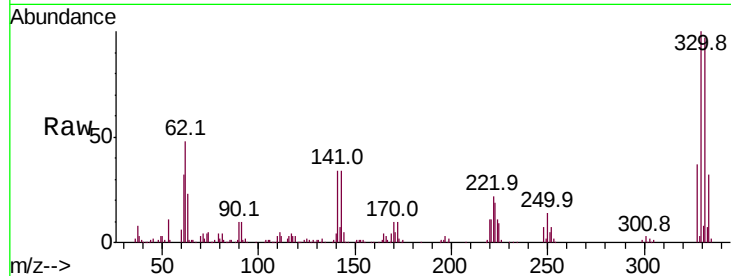
#41  
 2,4,6-Tribromophenol  
 Concen: 108.438 ng  
 RT: 16.18 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

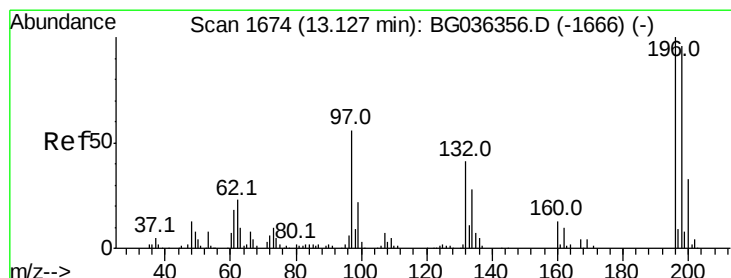
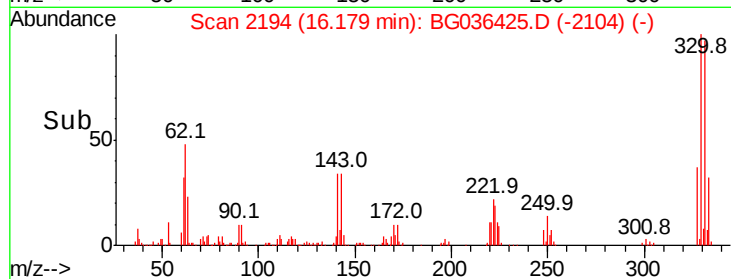
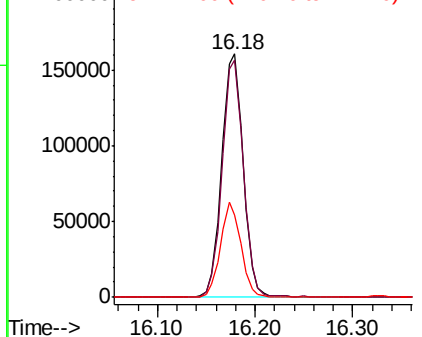
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 245165 |       |       |
| 332     | 96.7  | 75.4   | 113.2 |       |
| 141     | 36.9  | 30.7   | 46.1  |       |

Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM



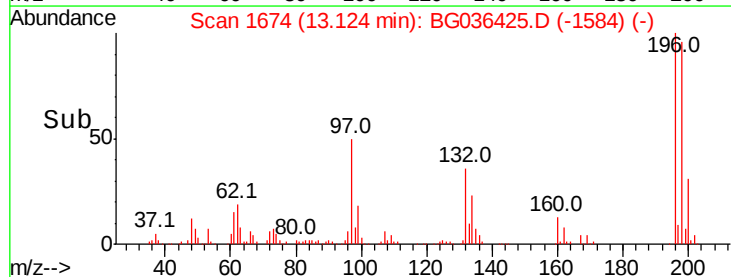
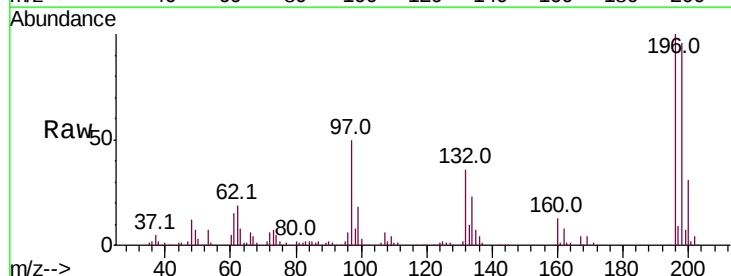
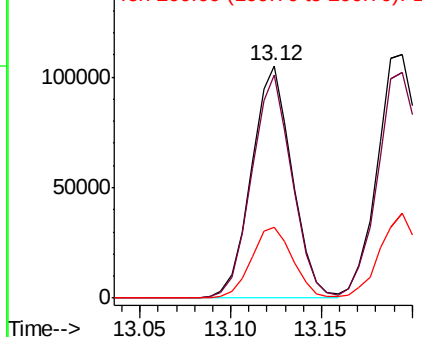
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.220 ng  
 RT: 13.12 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 164282 |       |       |
| 198     | 95.7  | 77.2   | 115.8 |       |
| 200     | 30.6  | 26.3   | 39.5  |       |

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





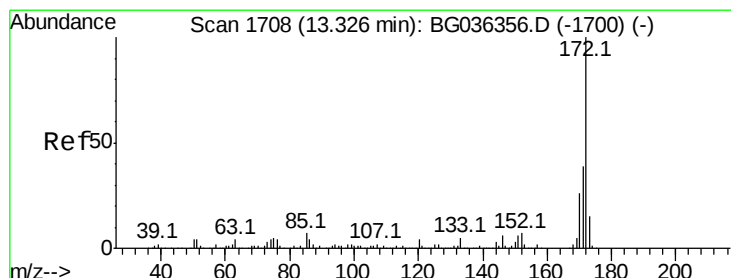
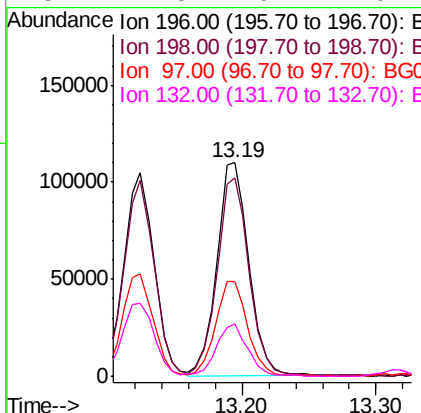
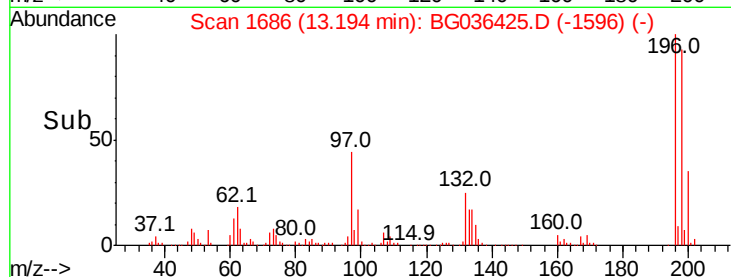
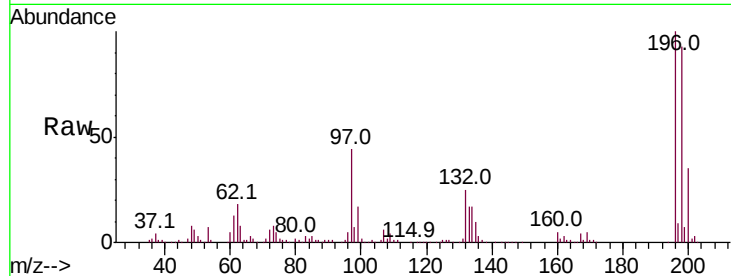
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.308 ng  
 RT: 13.19 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 184320 |       |       |
| 198     | 92.7 | 75.6  | 113.4  |       |       |
| 97      | 44.1 | 37.2  | 55.8   |       |       |
| 132     | 24.8 | 19.4  | 29.2   |       |       |

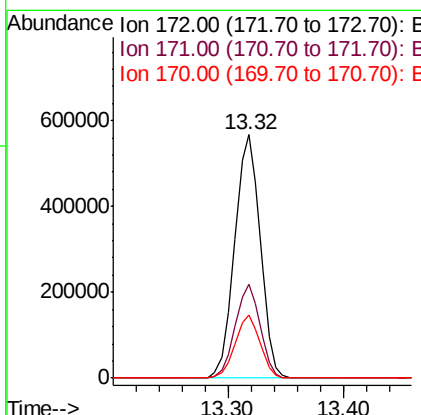
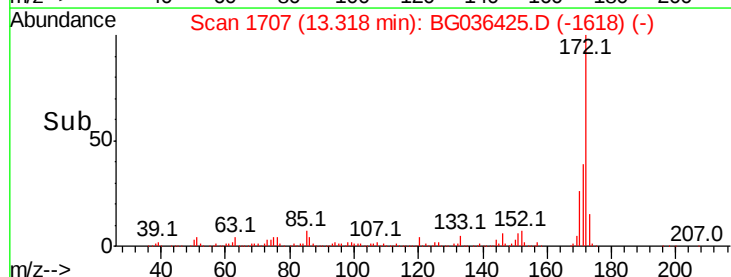
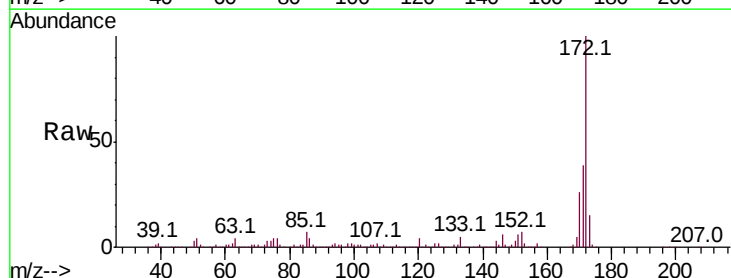
Manual Integrations  
 APPROVED

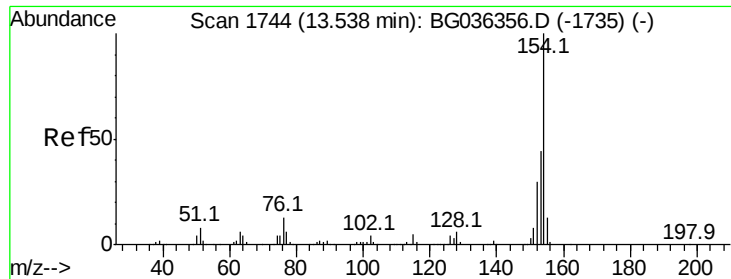
Sohil  
 8/28/2018 12:12:42 PM



#44  
 2-Fluorobiphenyl  
 Concen: 65.287 ng  
 RT: 13.32 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 866385 |       |       |
| 171     | 38.8 | 31.3  | 46.9   |       |       |
| 170     | 25.8 | 21.0  | 31.6   |       |       |





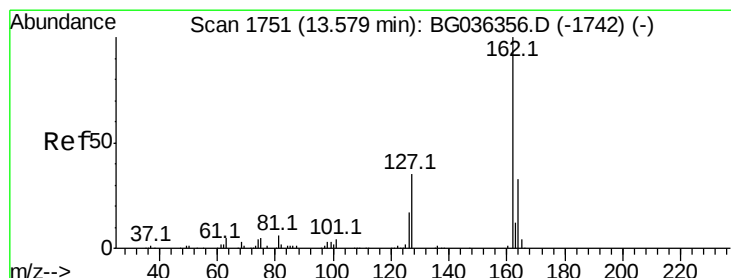
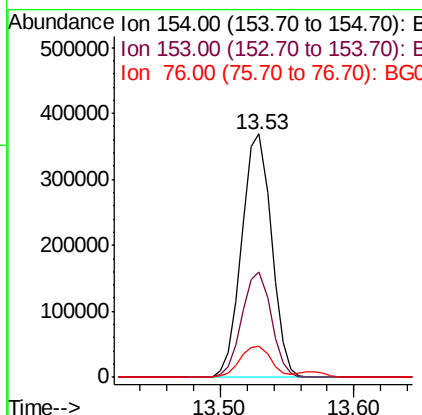
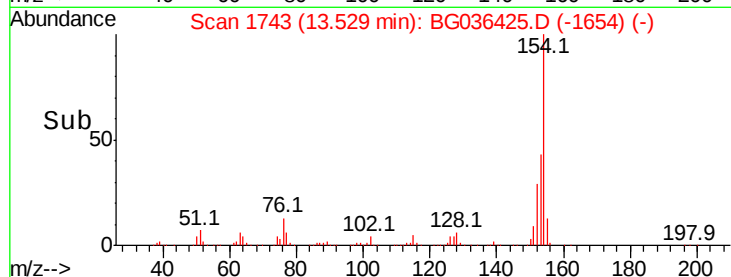
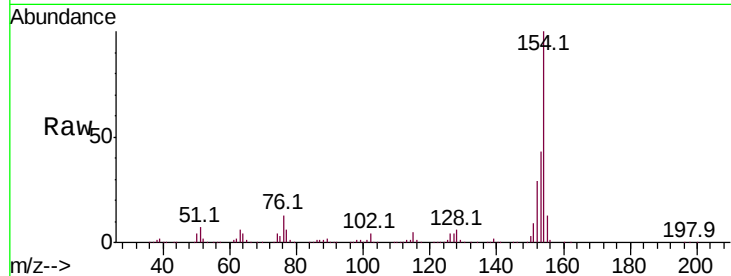
#45  
 1,1'-Biphenyl  
 Concen: 36.193 ng  
 RT: 13.53 min Scan# 1743  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB112371BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 43.4  | 24.0 | 64.0  |       |
| 76      | 12.8  | 0.0  | 32.9  |       |

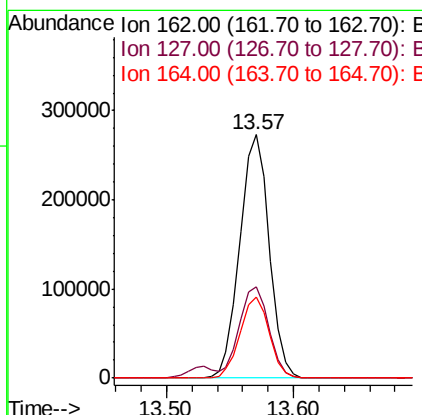
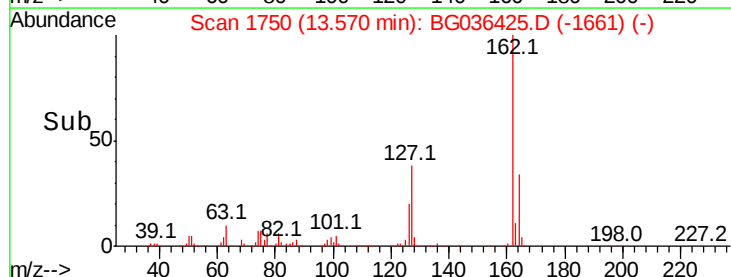
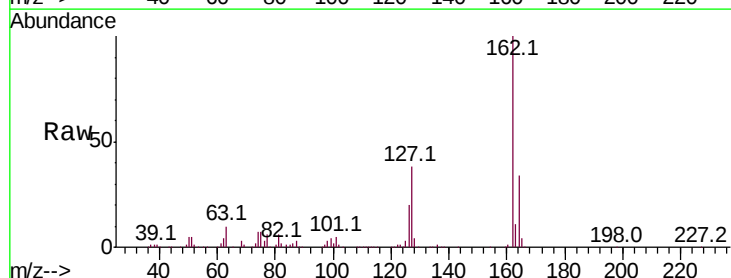
Manual Integrations  
 APPROVED

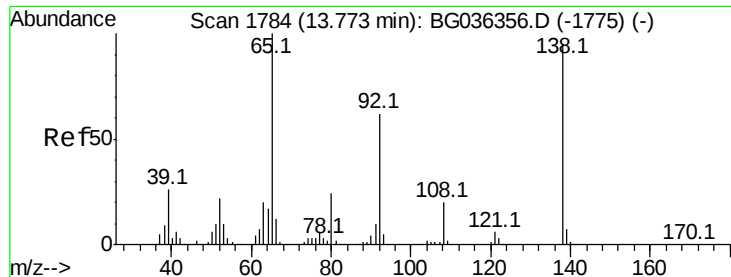
Sohil  
 8/28/2018 12:12:42 PM



#46  
 2-Chloronaphthalene  
 Concen: 36.532 ng  
 RT: 13.57 min Scan# 1750  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 37.5  | 30.7 | 46.1  |       |
| 164     | 33.5  | 26.7 | 40.1  |       |





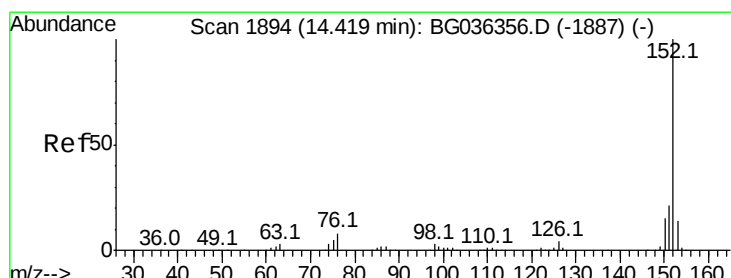
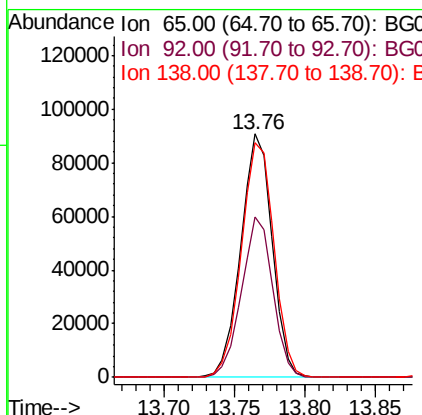
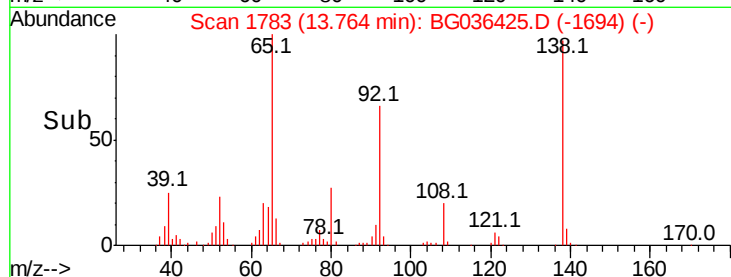
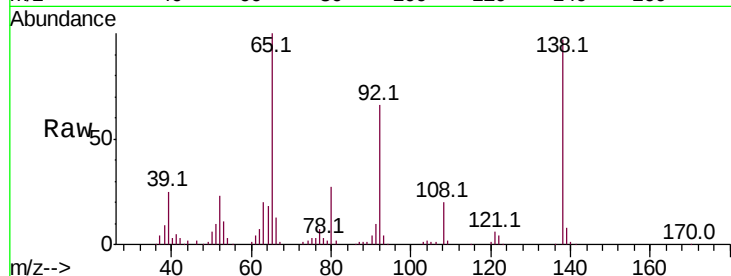
#47  
2-Nitroaniline  
Concen: 37.432 ng  
RT: 13.76 min Scan# 1783  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.6  | 49.9  | 74.9  |
| 138     | 96.6  | 76.2  | 114.4 |

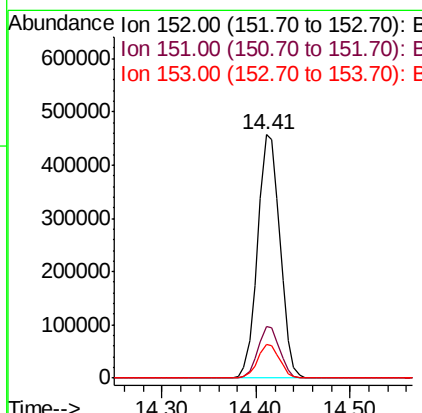
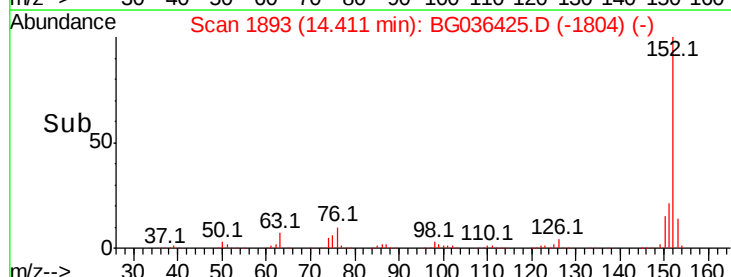
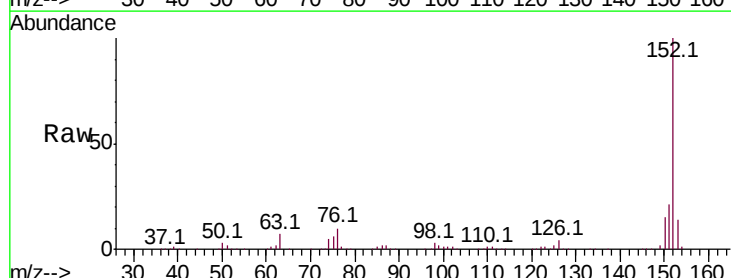
Manual Integrations  
APPROVED

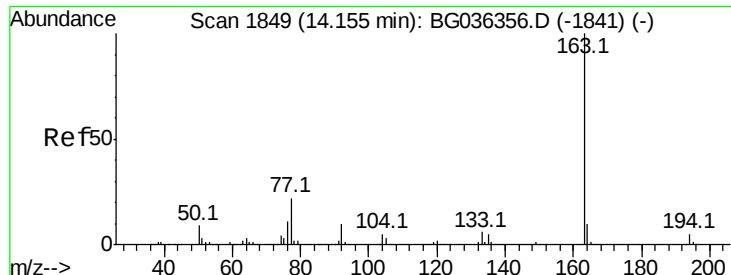
Sohil  
8/28/2018 12:12:42 PM



#48  
Acenaphthylene  
Concen: 40.114 ng  
RT: 14.41 min Scan# 1893  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.2  | 16.9  | 25.3  |
| 153     | 13.8  | 11.2  | 16.8  |





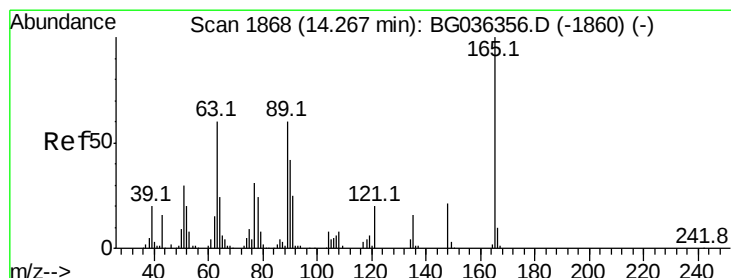
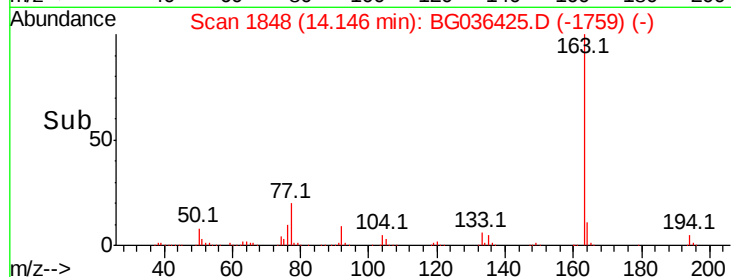
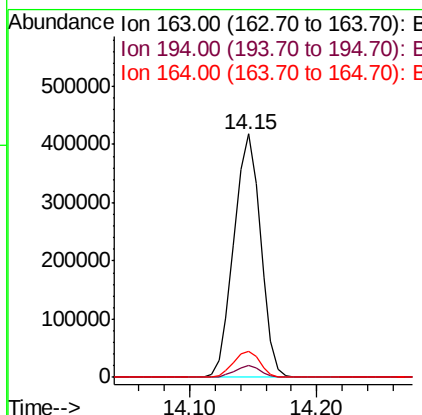
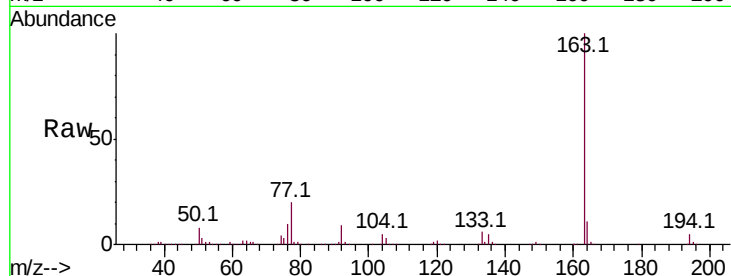
#49  
Dimethylphthalate  
Concen: 39.394 ng  
RT: 14.15 min Scan# 1848  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleID :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 609496 |       |       |
| 194     | 5.1   |        | 4.0   | 6.0   |
| 164     | 10.6  |        | 8.1   | 12.1  |

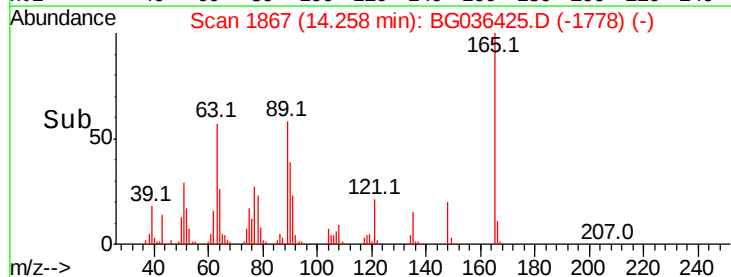
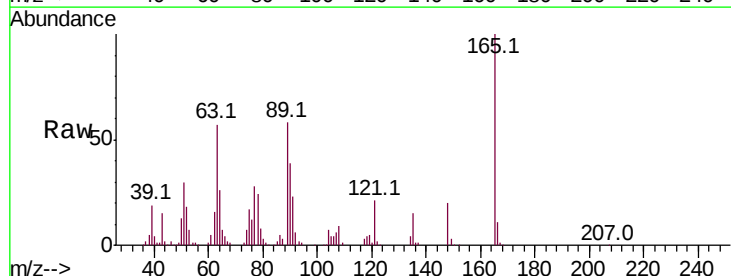
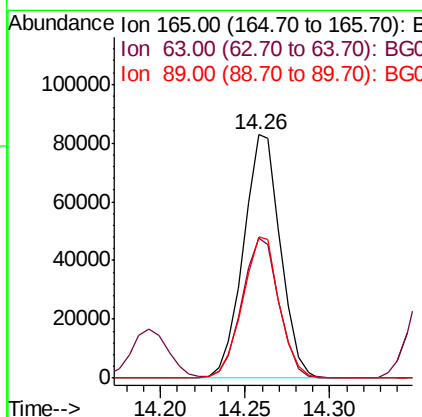
Manual Integrations  
APPROVED

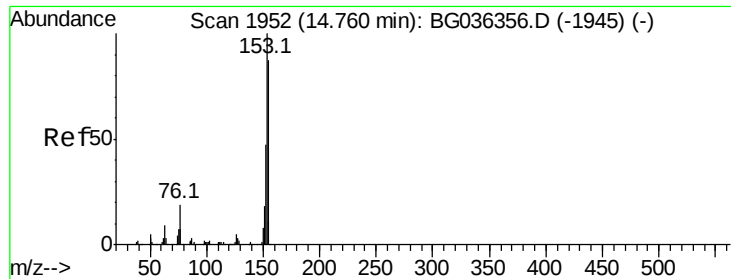
Sohil  
8/28/2018 12:12:42 PM



#50  
2,6-Dinitrotoluene  
Concen: 39.437 ng  
RT: 14.26 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 125554 |       |       |
| 63      | 57.2  |        | 50.1  | 75.1  |
| 89      | 58.0  |        | 47.8  | 71.6  |





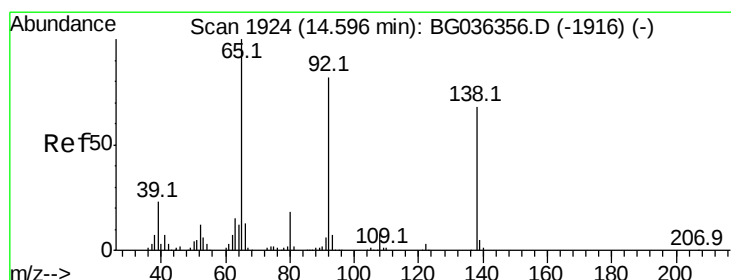
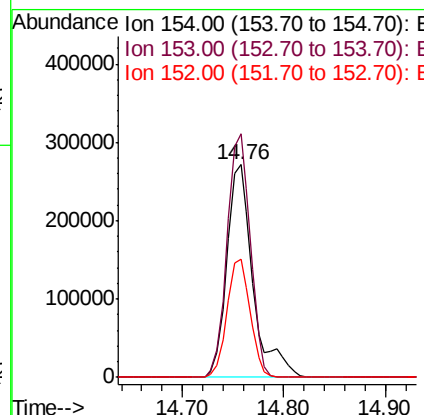
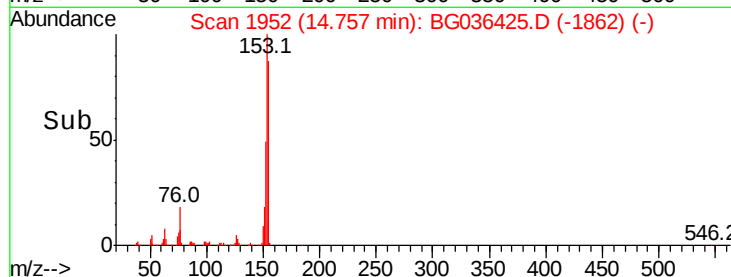
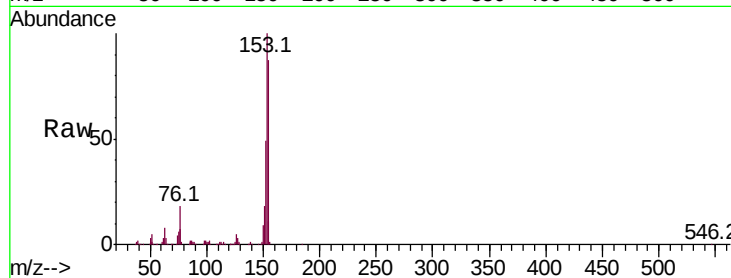
#51  
Acenaphthene  
Concen: 40.407 ng  
RT: 14.76 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 485605 |       |       |
| 153     | 114.5 | 91.8   | 137.6 |       |
| 152     | 55.8  | 43.5   | 65.3  |       |

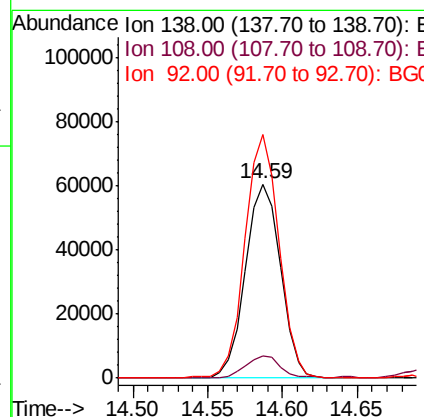
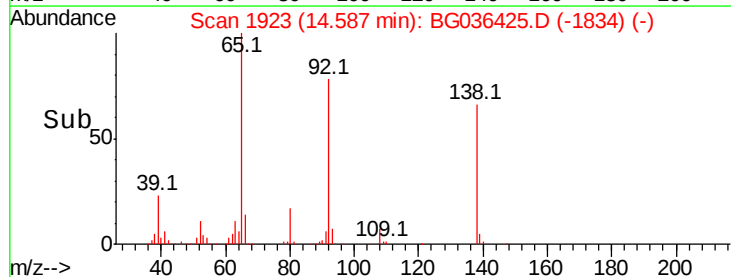
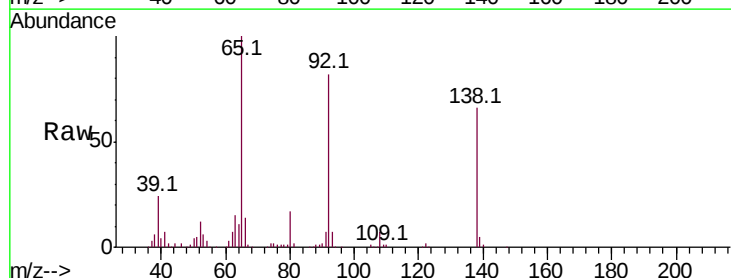
Manual Integrations  
APPROVED

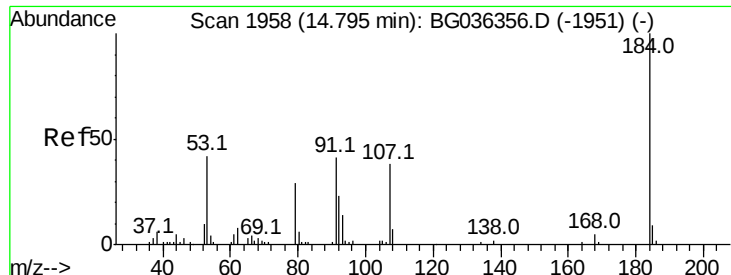
Sohil  
8/28/2018 12:12:42 PM



#52  
3-Nitroaniline  
Concen: 28.817 ng  
RT: 14.59 min Scan# 1923  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 98866 |       |       |
| 108     | 11.2  | 9.4   | 14.2  |       |
| 92      | 125.3 | 96.8  | 145.2 |       |





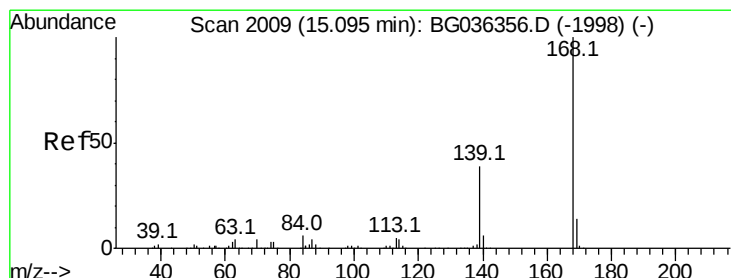
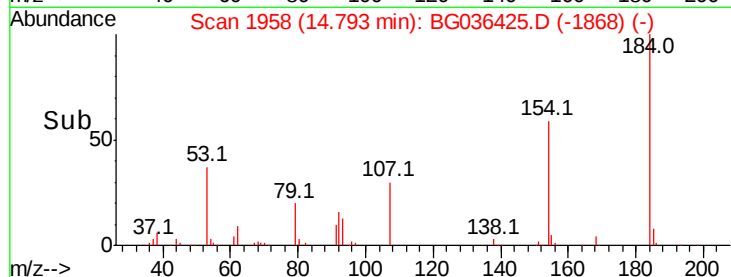
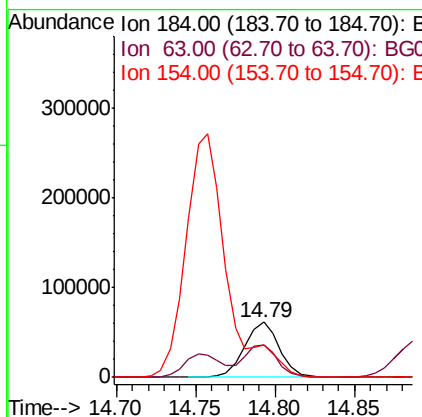
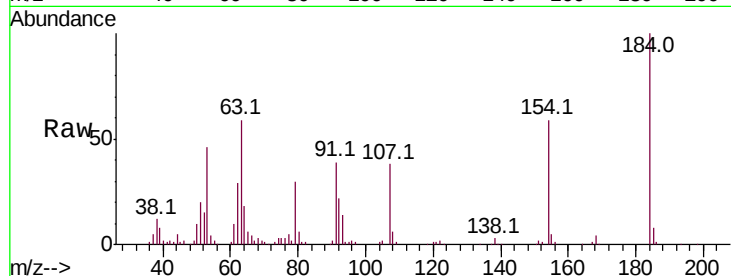
#53  
 2,4-Dinitrophenol  
 Concen: 78.161 ng  
 RT: 14.79 min Scan# 1958  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.0  | 47.3  | 70.9  |
| 154     | 59.3  | 51.1  | 76.7  |

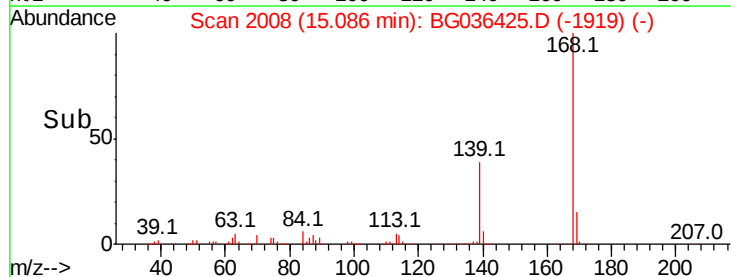
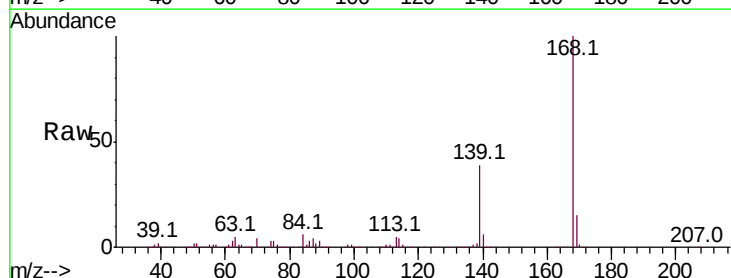
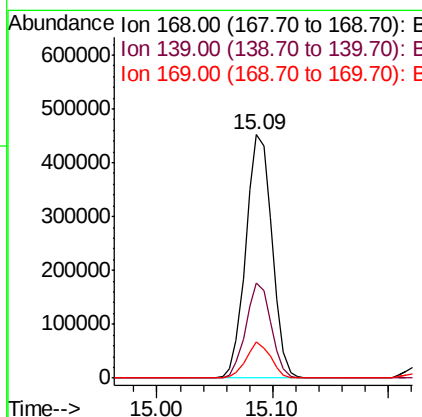
Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM



#54  
 Dibenzofuran  
 Concen: 37.732 ng  
 RT: 15.09 min Scan# 2008  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.2  | 31.0  | 46.6  |
| 169     | 14.7  | 11.1  | 16.7  |





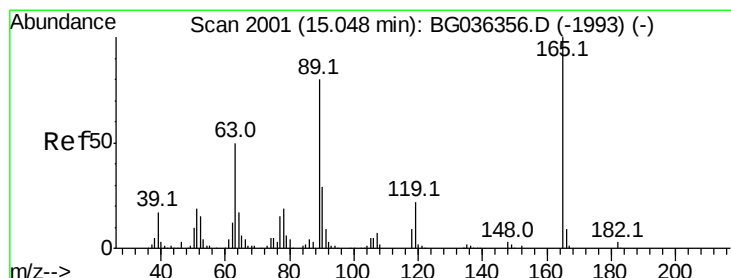
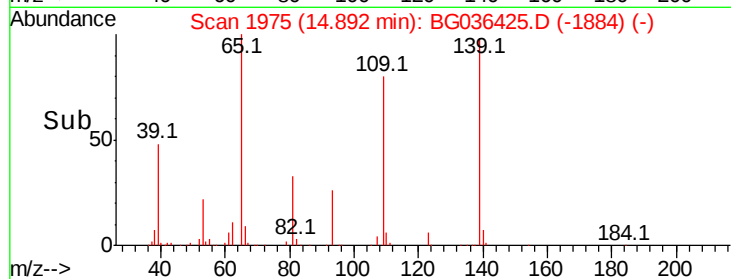
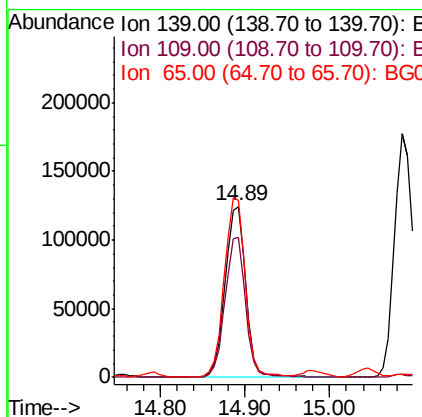
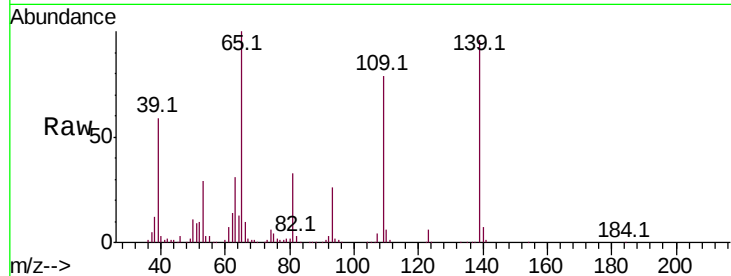
#55  
4-Nitrophenol  
Concen: 75.020 ng  
RT: 14.89 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 210442 |       |       |
| 109     | 81.7  | 63.9   | 103.9 |       |
| 65      | 103.8 | 90.0   | 130.0 |       |

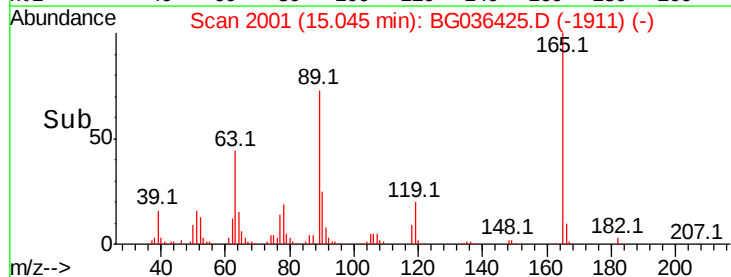
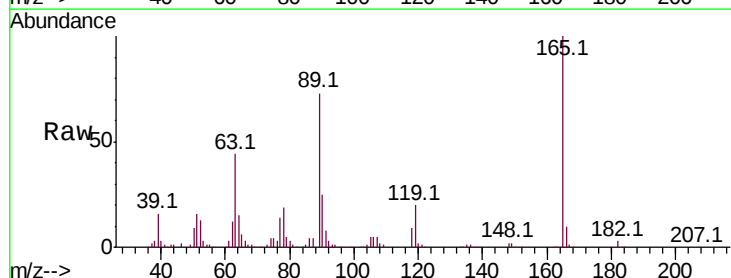
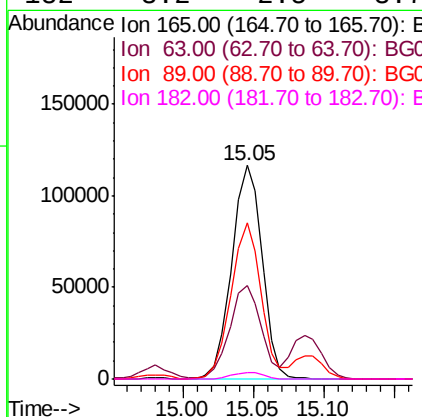
Manual Integrations  
APPROVED

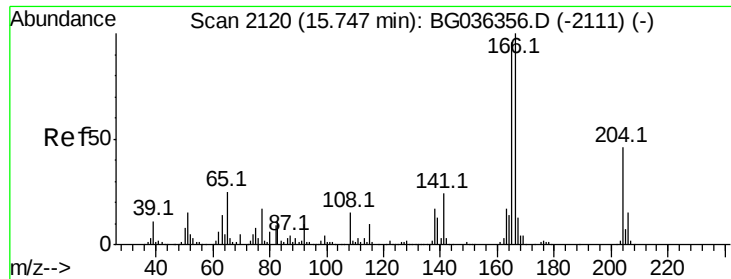
Sohil  
8/28/2018 12:12:42 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.045 ng  
RT: 15.05 min Scan# 2001  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 174458 |       |       |
| 63      | 43.8  | 40.1   | 60.1  |       |
| 89      | 72.8  | 63.7   | 95.5  |       |
| 182     | 3.2   | 2.5    | 3.7   |       |





#57

Fluorene

Concen: 40.434 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

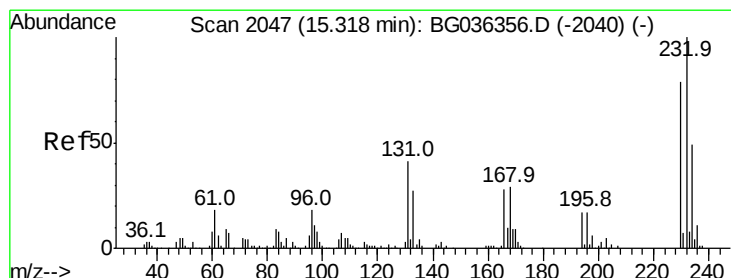
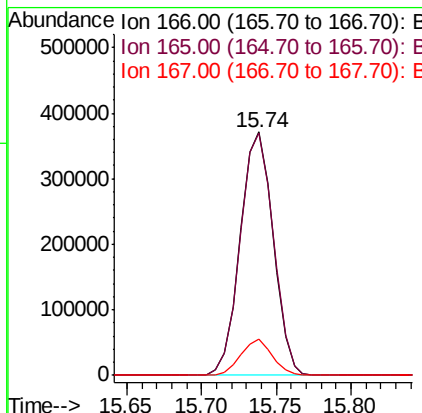
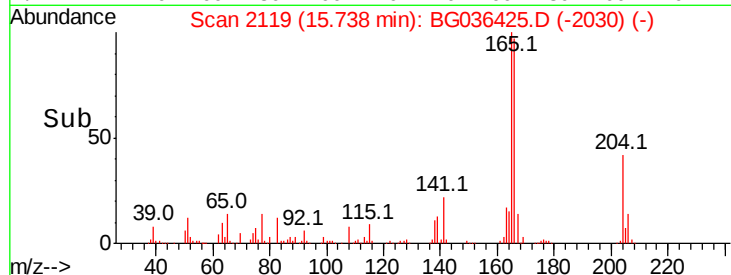
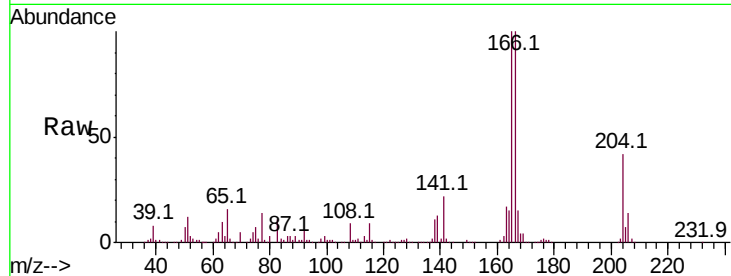
ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 569120 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.6  | 77.0  | 115.4  |
| 167       | 14.8  | 10.6  | 16.0   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.104 ng

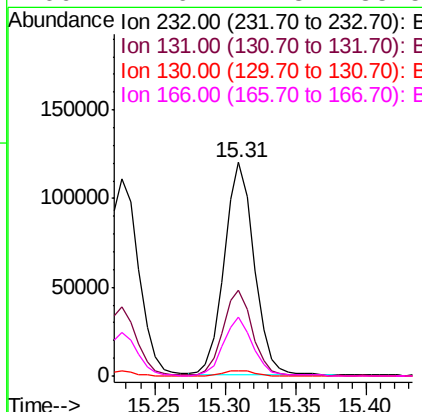
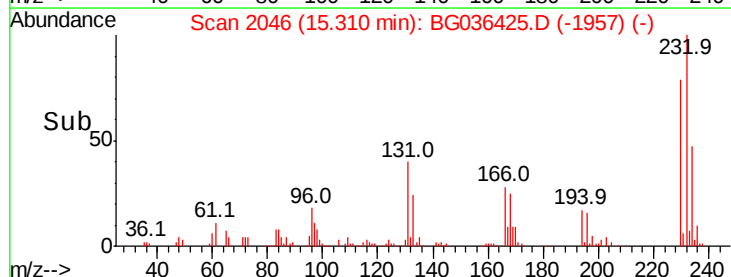
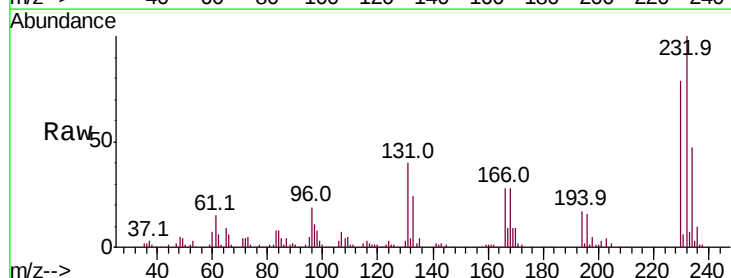
RT: 15.31 min Scan# 2046

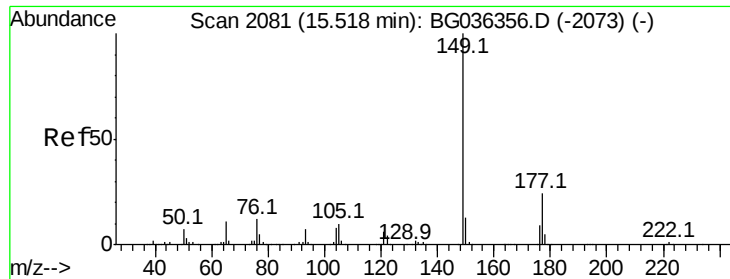
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 176434 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 38.9  | 33.8  | 50.8   |
| 130       | 2.5   | 2.1   | 3.1    |
| 166       | 27.6  | 22.3  | 33.5   |





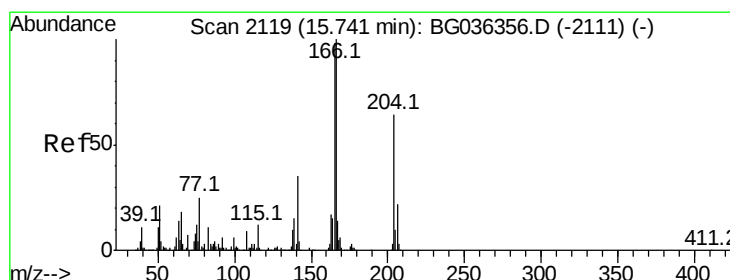
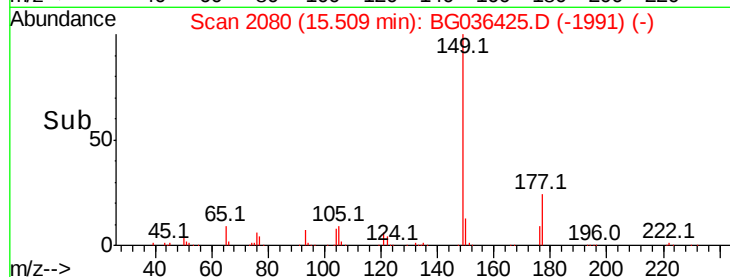
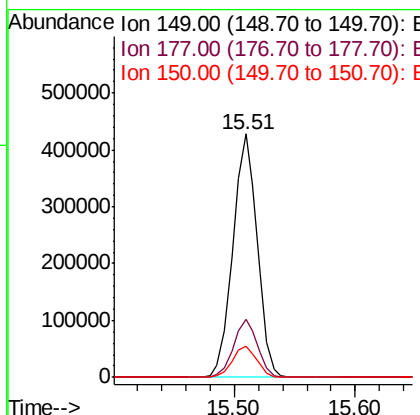
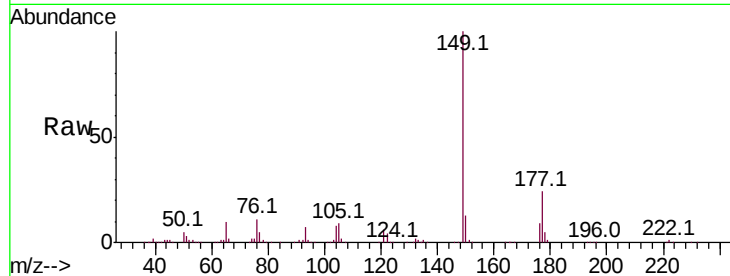
#59  
Diethylphthalate  
Concen: 38.337 ng  
RT: 15.51 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampled :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 597756 |       |       |
| 177     | 23.9  | 19.1   | 28.7  |       |
| 150     | 12.8  | 10.7   | 16.1  |       |

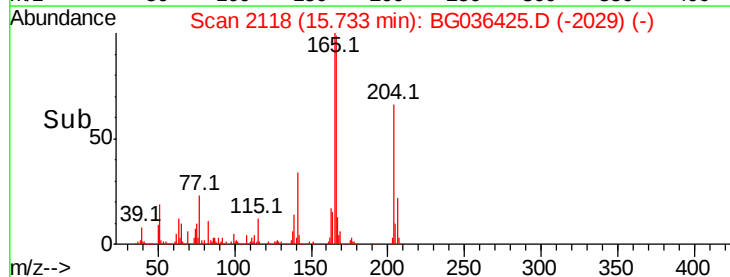
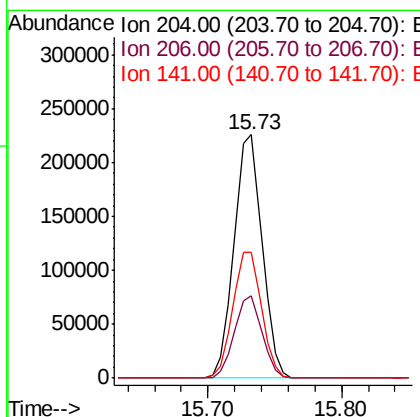
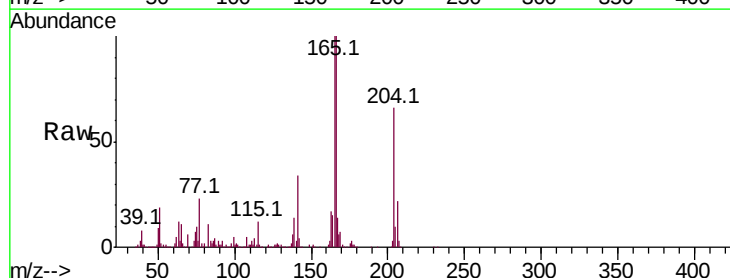
Manual Integrations  
APPROVED

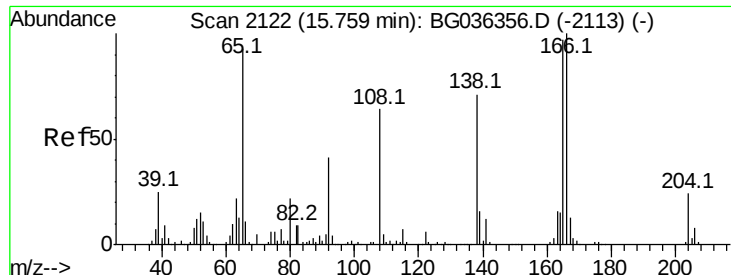
Sohil  
8/28/2018 12:12:42 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.979 ng  
RT: 15.73 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 330091 |       |       |
| 206     | 33.6  | 27.0   | 40.4  |       |
| 141     | 51.9  | 43.8   | 65.6  |       |





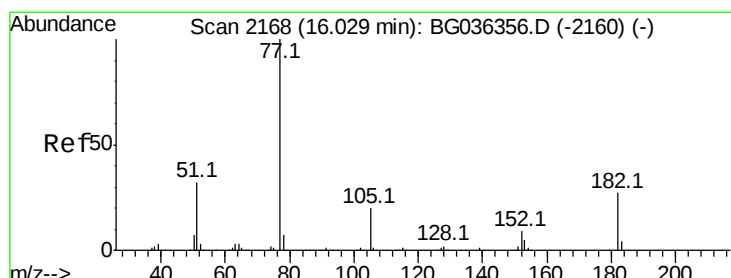
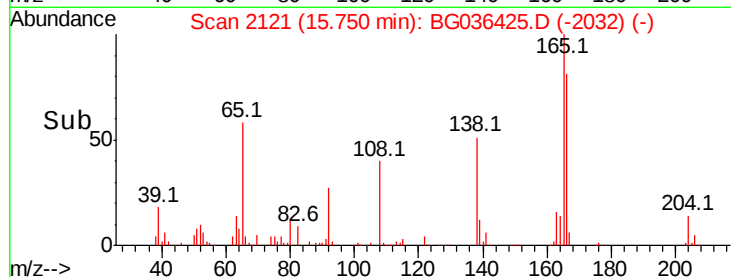
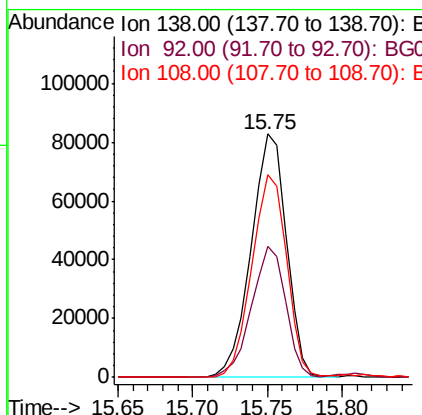
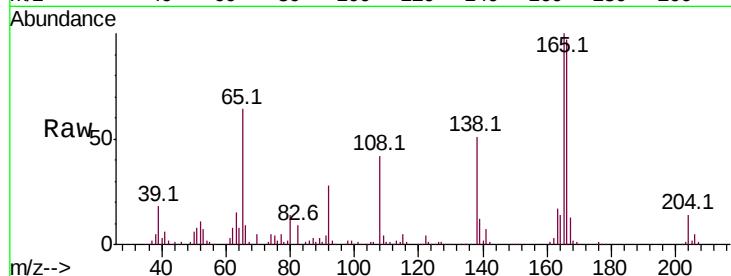
#61  
4-Nitroaniline  
Concen: 37.763 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampled :  
PB112371BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 54.0  | 38.5 | 78.5  |       |
| 108     | 83.1  | 70.3 | 110.3 |       |

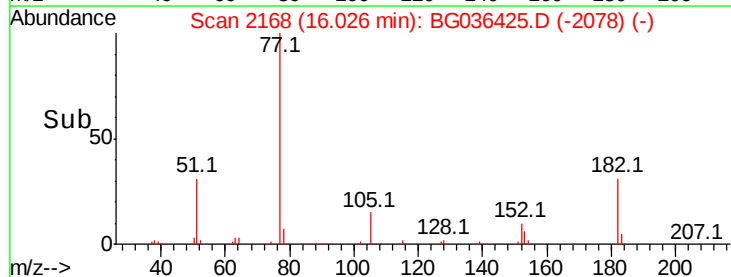
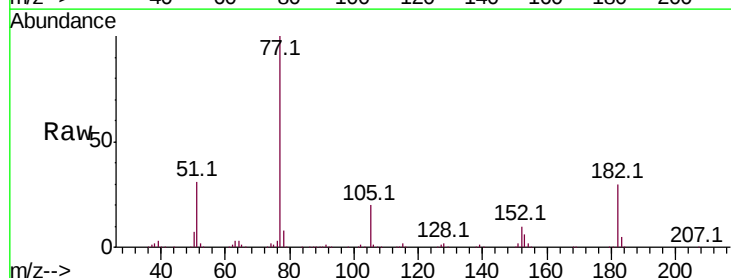
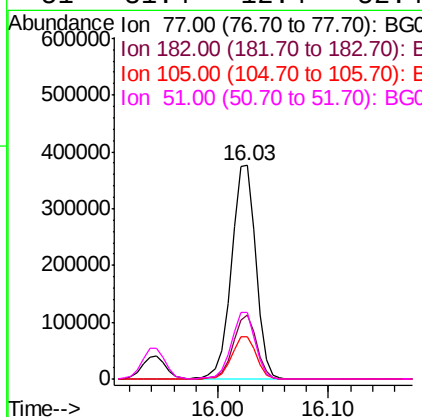
Manual Integrations  
APPROVED

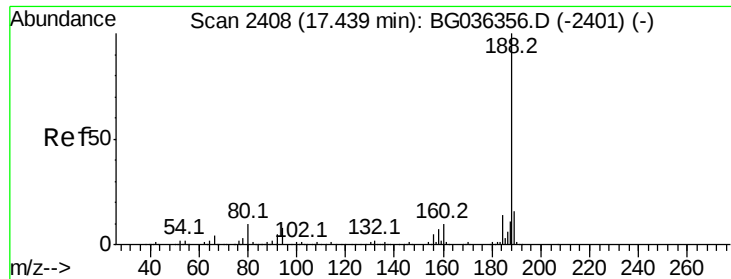
Sohil  
8/28/2018 12:12:42 PM



#62  
Azobenzene  
Concen: 36.653 ng  
RT: 16.03 min Scan# 2168  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 182     | 30.2  | 6.7  | 46.7  |       |
| 105     | 20.0  | 0.0  | 39.8  |       |
| 51      | 31.4  | 12.4 | 52.4  |       |





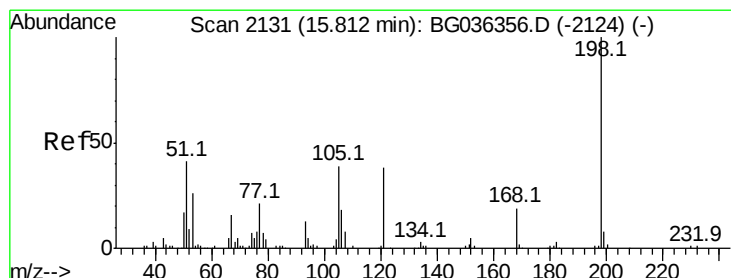
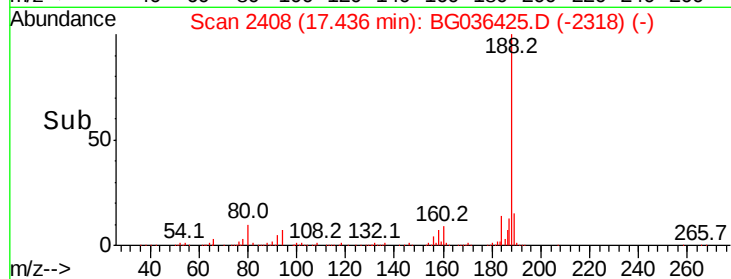
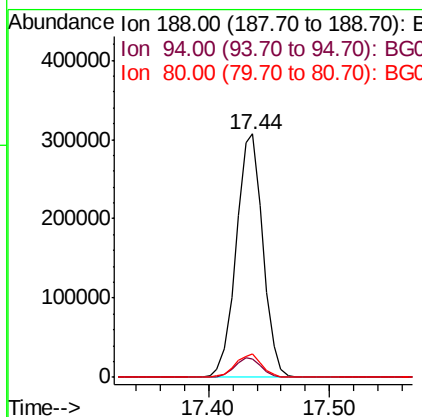
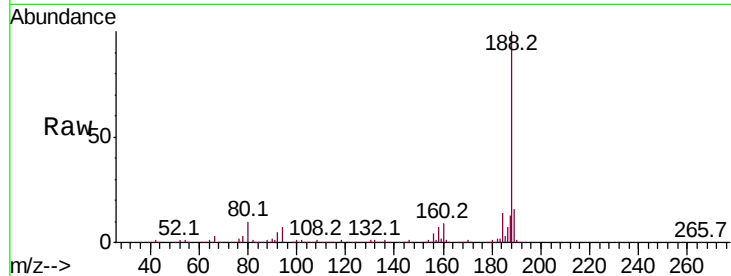
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2408  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 471562 |       |       |
| 94      | 7.4   | 6.7    | 10.1  |       |
| 80      | 9.8   | 8.1    | 12.1  |       |

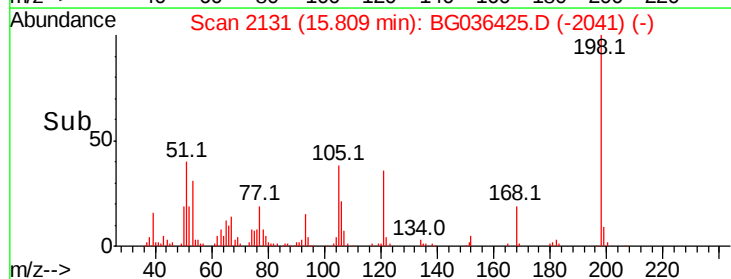
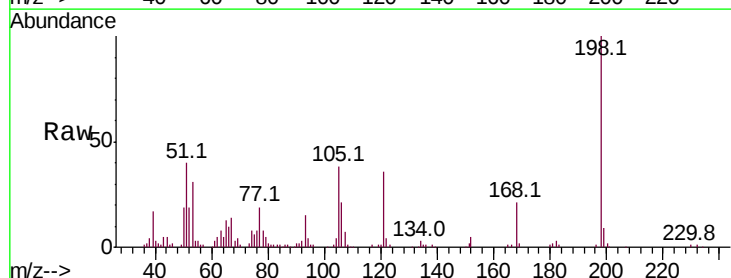
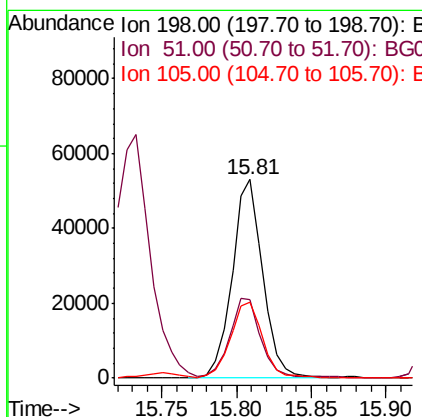
Manual Integrations  
APPROVED

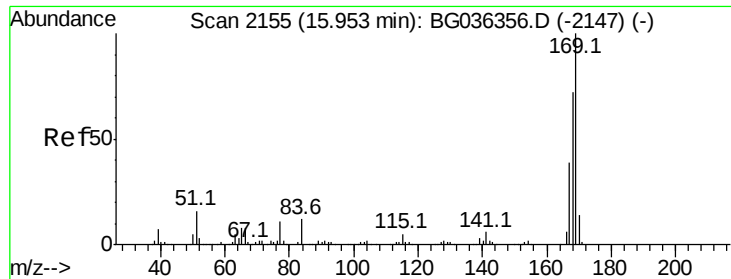
Sohil  
8/28/2018 12:12:42 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.593 ng  
RT: 15.81 min Scan# 2131  
Delta R.T. -0.00 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 75802 |       |       |
| 51      | 39.7  | 26.5  | 66.5  |       |
| 105     | 37.9  | 20.2  | 60.2  |       |





#65

n-Nitrosodiphenylamine

Concen: 37.891 ng

RT: 15.94 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

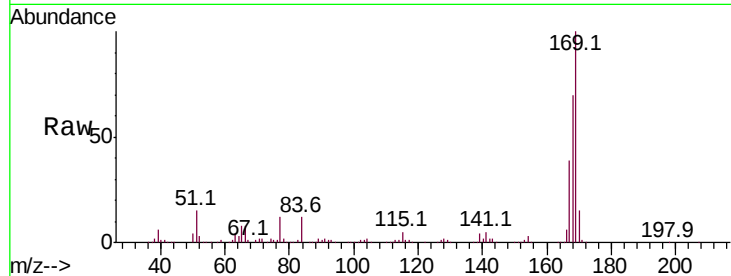
ClientSampleId :

PB112371BS

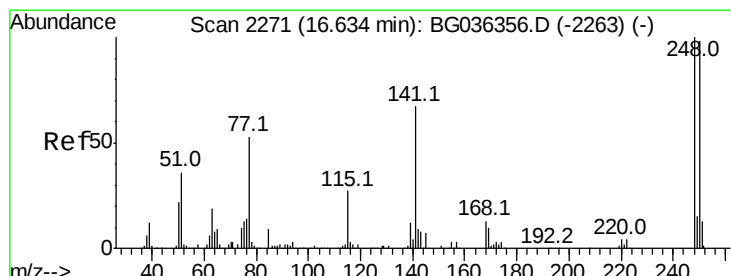
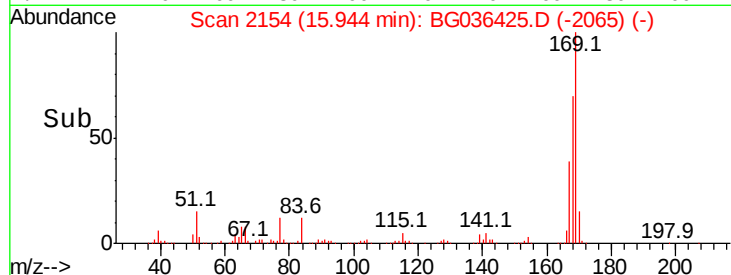
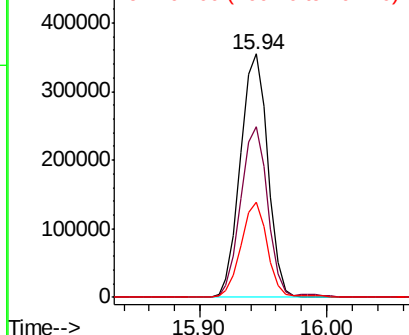
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 530919 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 70.3  | 57.6  | 86.4   |
| 167       | 38.9  | 31.0  | 46.4   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



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



#66

4-Bromophenyl-phenylether

Concen: 38.983 ng

RT: 16.63 min Scan# 2270

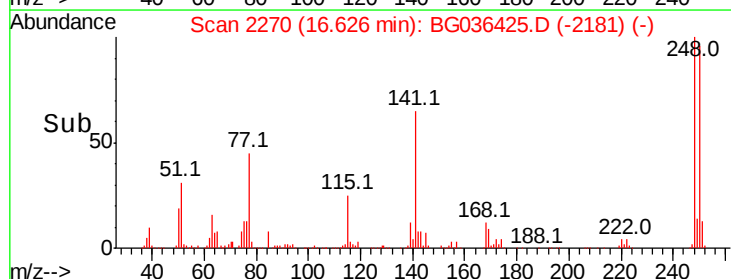
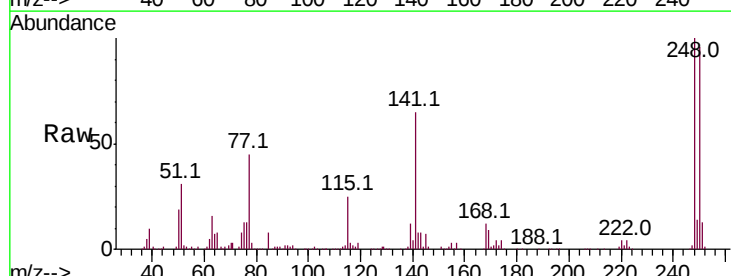
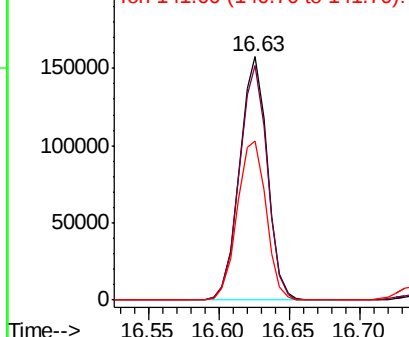
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 215225 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.2  | 78.1  | 117.1  |
| 141       | 65.2  | 53.7  | 80.5   |

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: 37.730 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

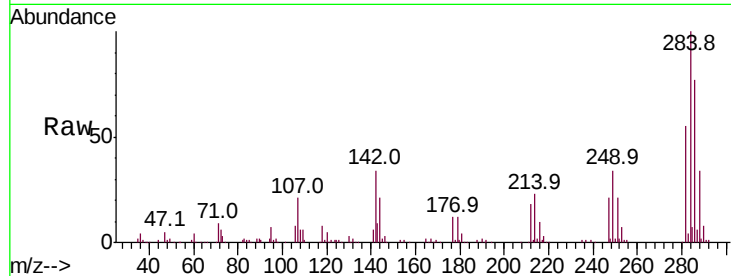
ClientSampleId :

PB112371BS

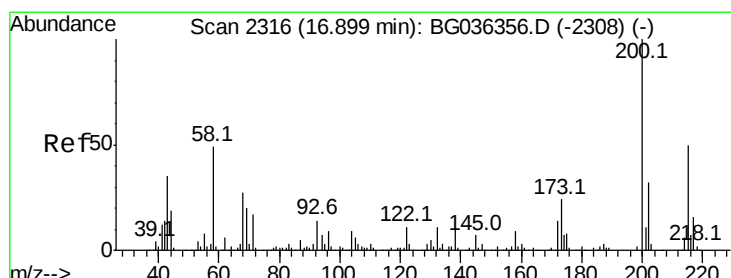
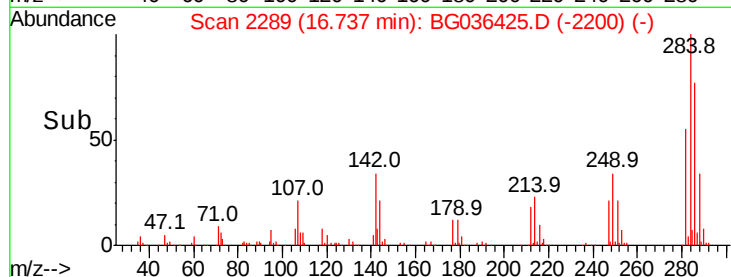
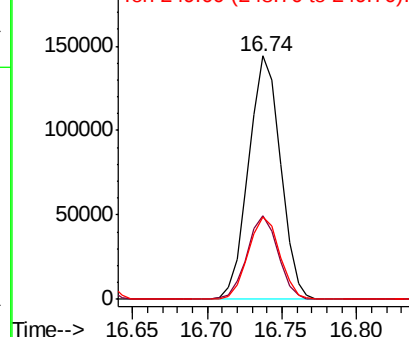
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 213000 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 34.2 | 27.8  | 41.6   |
| 249       | 33.8 | 27.4  | 41.2   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



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



#68

Atrazine

Concen: 39.587 ng

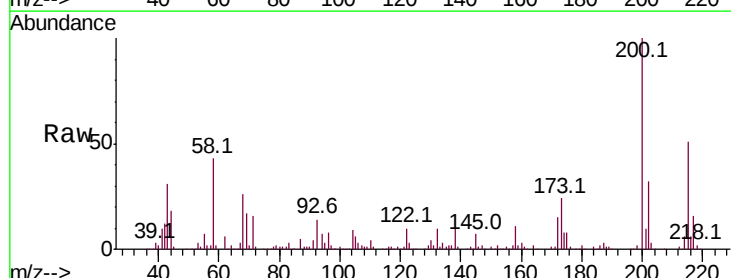
RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

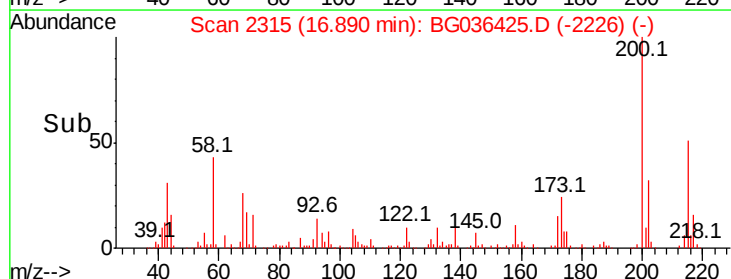
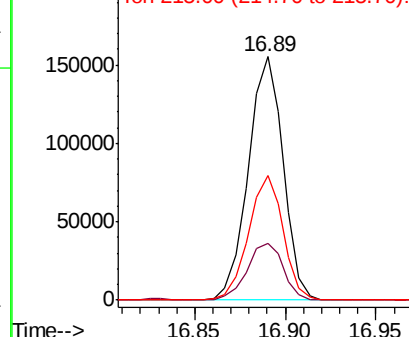
Lab File: BG036425.D

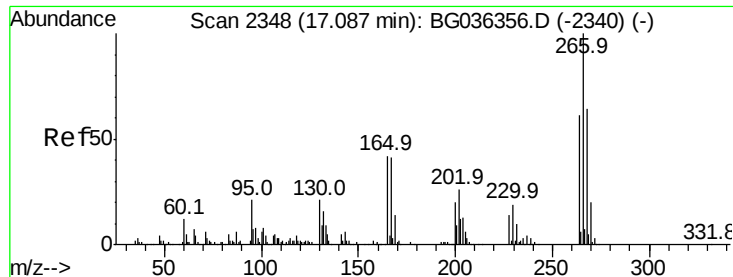
Acq: 27 Aug 2018 10:53

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 208197 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 23.5 | 3.9   | 43.9   |
| 215       | 51.3 | 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





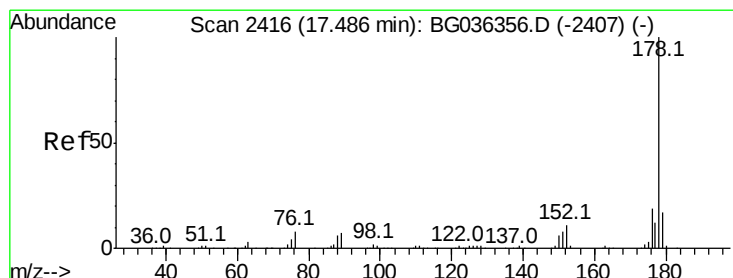
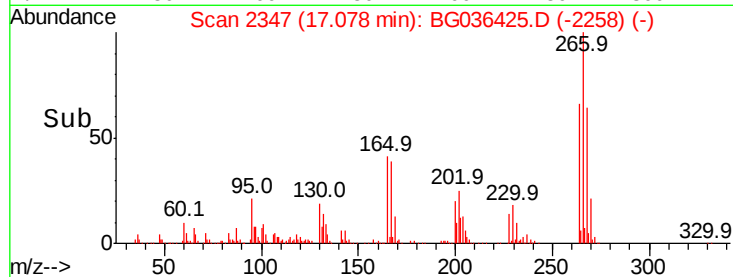
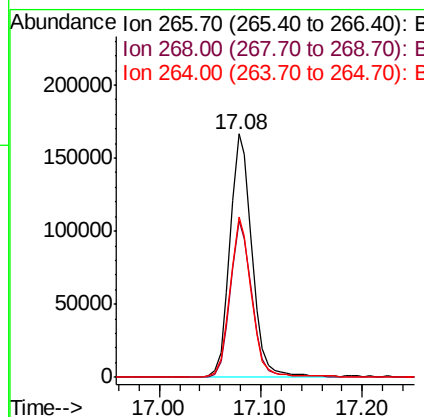
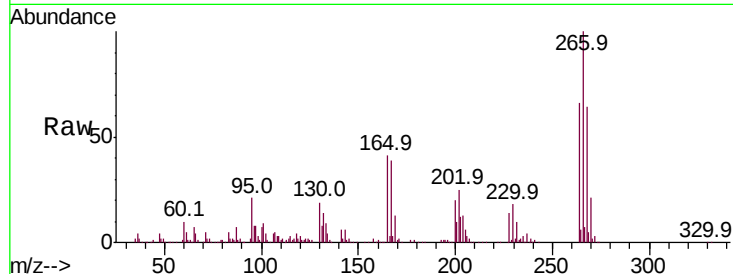
#69  
 Pentachlorophenol  
 Concen: 65.685 ng  
 RT: 17.08 min Scan# 2347  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 252023 |       |       |
| 268     | 64.2  |        | 51.4  | 77.2  |
| 264     | 65.8  |        | 48.9  | 73.3  |

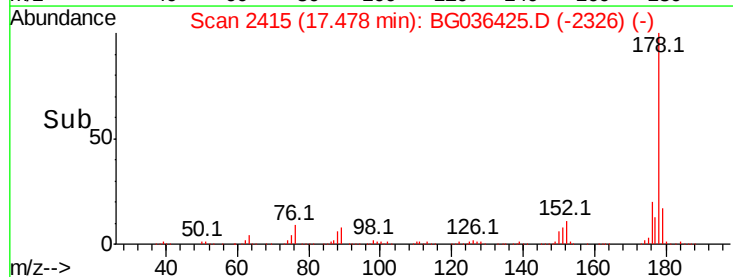
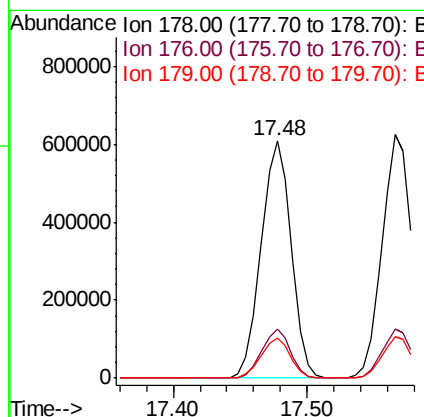
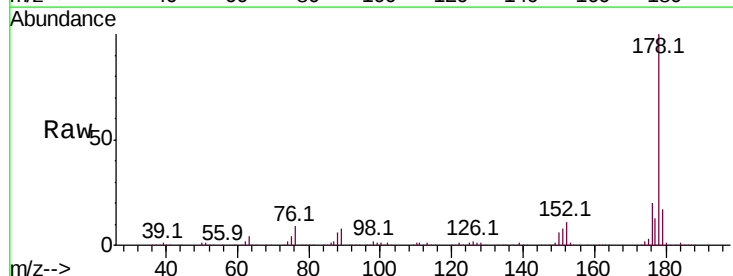
Manual Integrations  
 APPROVED

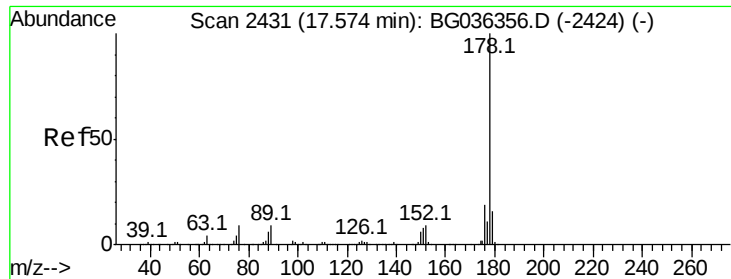
Sohil  
 8/28/2018 12:12:42 PM



#70  
 Phenanthrene  
 Concen: 39.471 ng  
 RT: 17.48 min Scan# 2415  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 945772 |       |       |
| 176     | 20.4  |        | 15.4  | 23.2  |
| 179     | 16.7  |        | 13.4  | 20.2  |





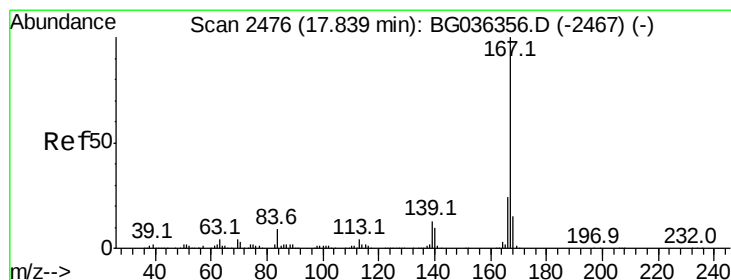
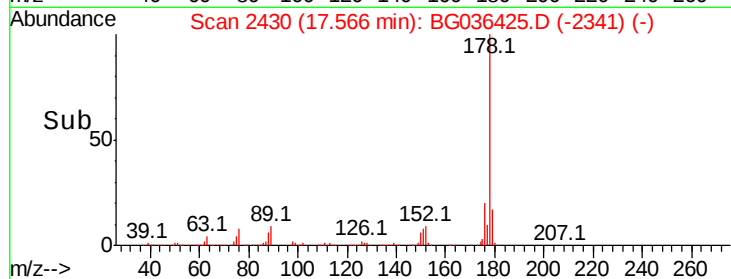
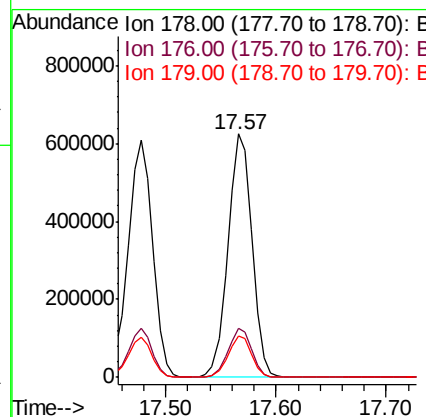
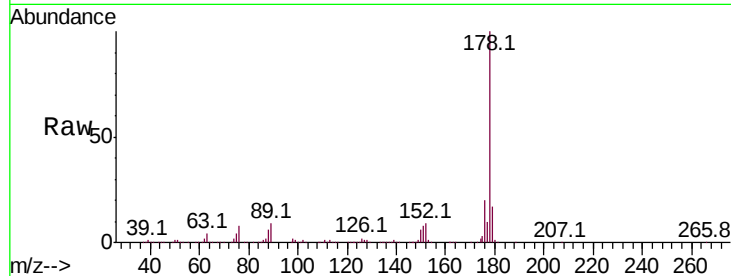
#71  
 Anthracene  
 Concen: 39.891 ng  
 RT: 17.57 min Scan# 2430  
 Delta R.T. -0.01 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 178     | 100  |       |      |       |       |
| 176     | 20.1 | 15.4  | 23.2 |       |       |
| 179     | 16.8 | 13.0  | 19.4 |       |       |

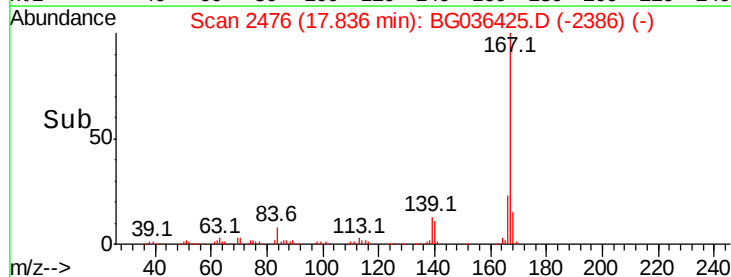
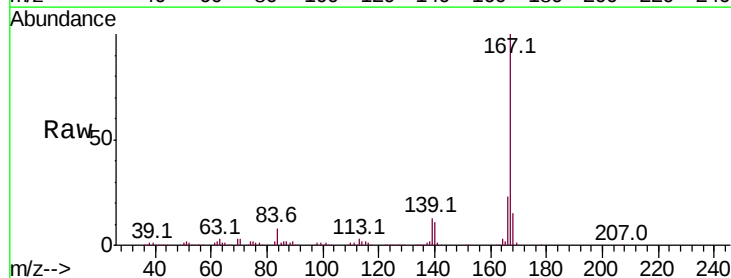
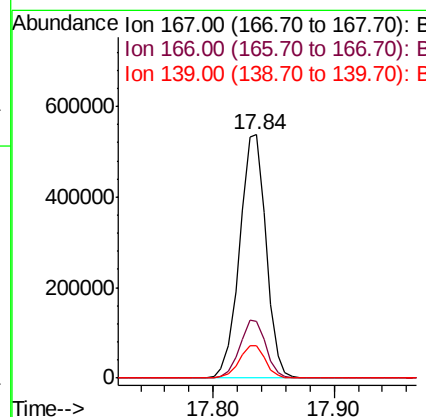
Manual Integrations  
 APPROVED

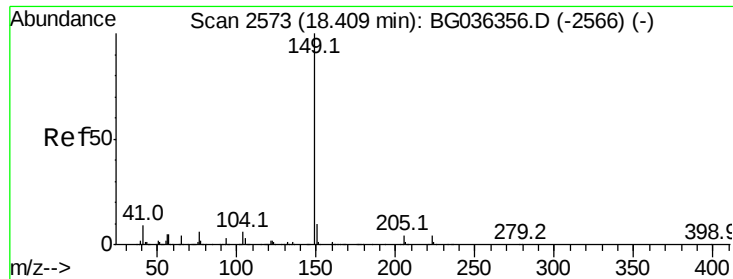
Sohil  
 8/28/2018 12:12:42 PM



#72  
 Carbazole  
 Concen: 34.337 ng  
 RT: 17.84 min Scan# 2476  
 Delta R.T. -0.00 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 167     | 100  |       |      |       |       |
| 166     | 23.4 | 19.5  | 29.3 |       |       |
| 139     | 13.2 | 10.7  | 16.1 |       |       |





#73

Di-n-butylphthalate

Concen: 35.192 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

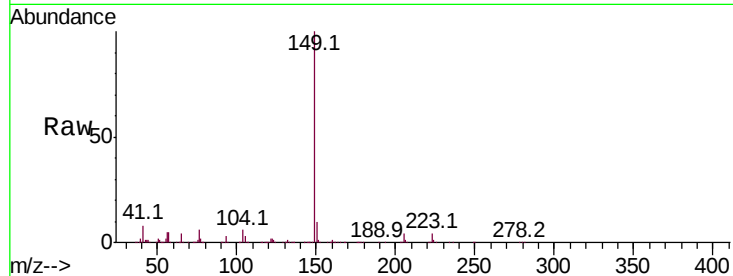
ClientSampleId :

PB112371BS

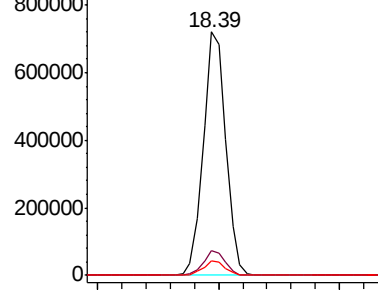
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 934818 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.9   | 8.1   | 12.1   |
| 104       | 5.8   | 4.6   | 6.8    |

Manual Integrations  
APPROVED

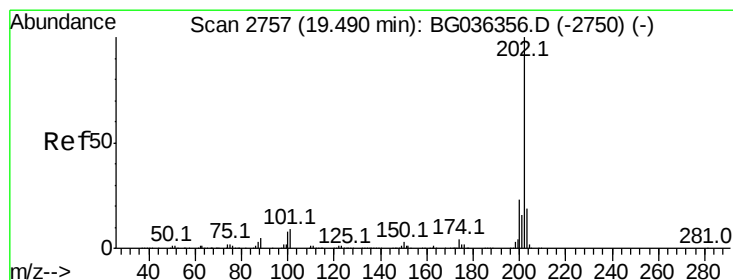
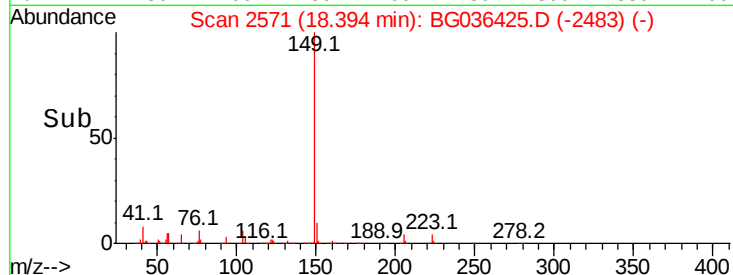
Sohil  
8/28/2018 12:12:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
1000000 Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40 18.50



#74

Fluoranthene

Concen: 37.239 ng

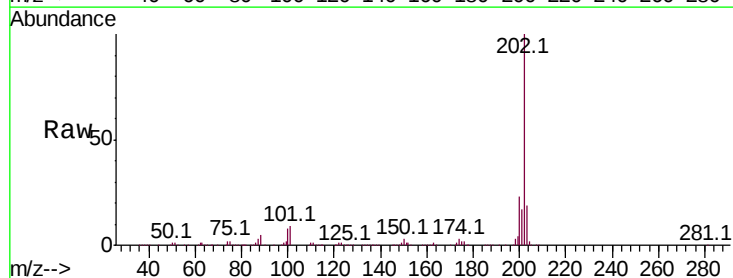
RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

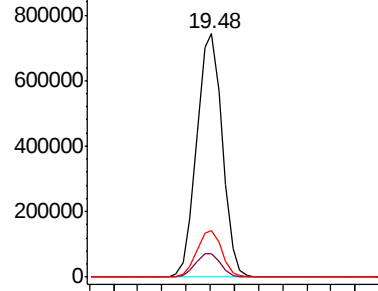
Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

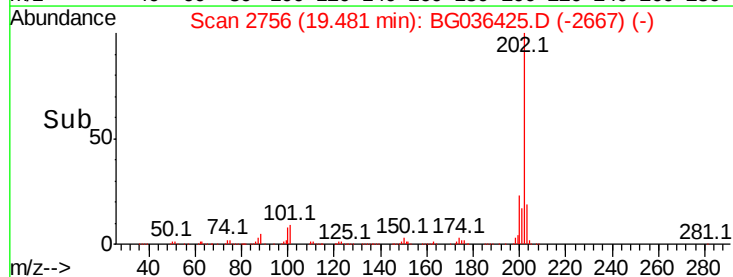
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1087892 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.5   | 0.0   | 29.4    |
| 203       | 19.2  | 0.0   | 38.9    |

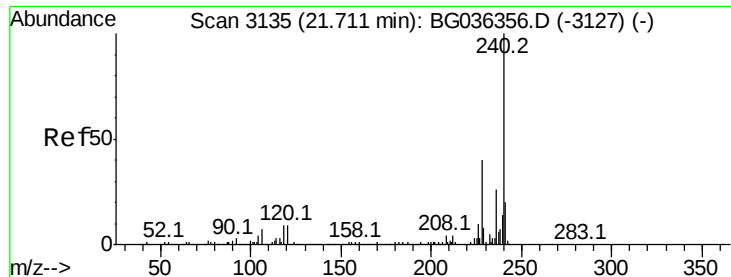


Abundance Ion 202.00 (201.70 to 202.70): E  
1000000 Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

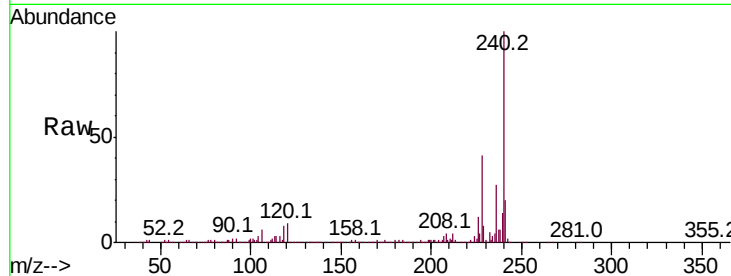
ClientSampleId :

PB112371BS

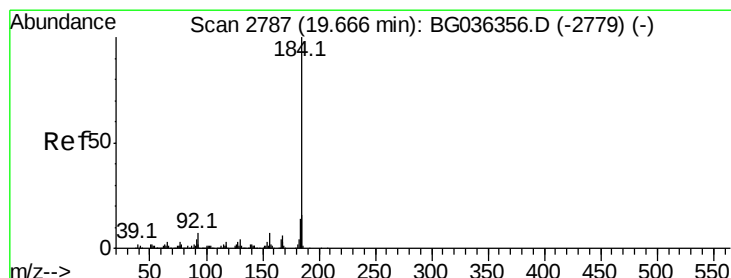
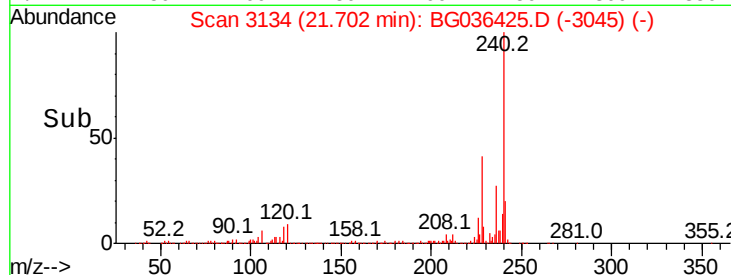
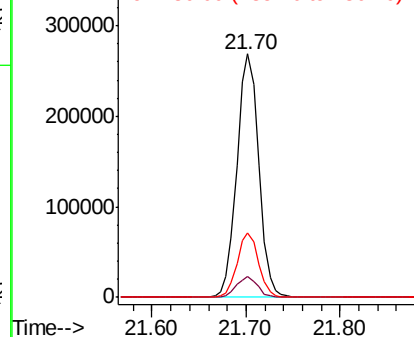
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 433145 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.6   | 6.9   | 10.3   |
| 236       | 26.7  | 21.2  | 31.8   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



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



#76

Benzidine

Concen: 41.626 ng

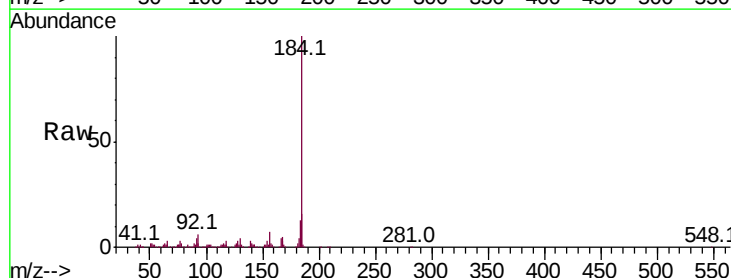
RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

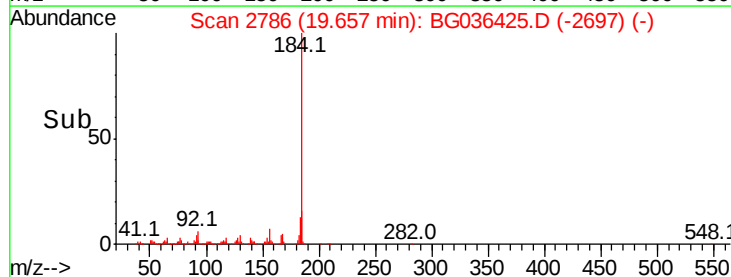
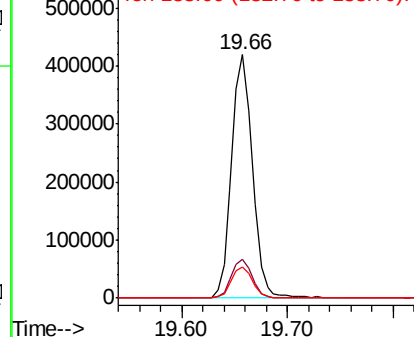
Lab File: BG036425.D

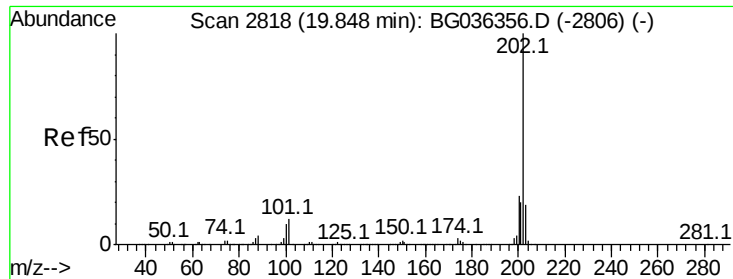
Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 575240 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.7  | 12.6  | 18.8   |
| 183       | 13.0  | 10.9  | 16.3   |



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





#77

Pvrene

Concen: 39.714 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

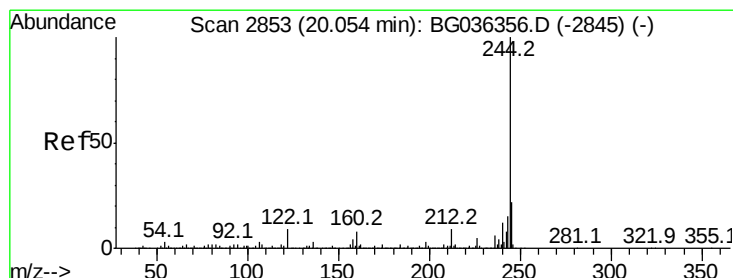
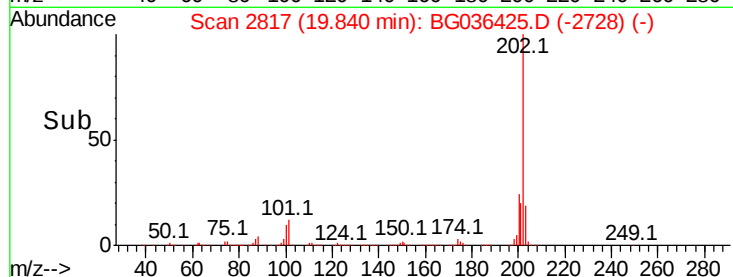
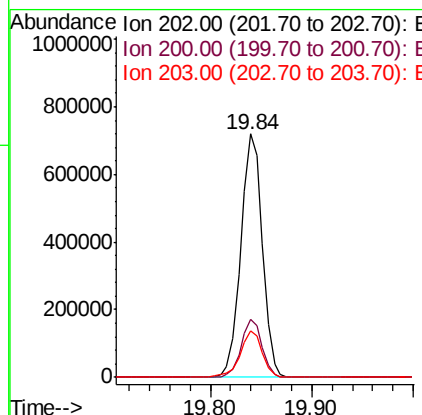
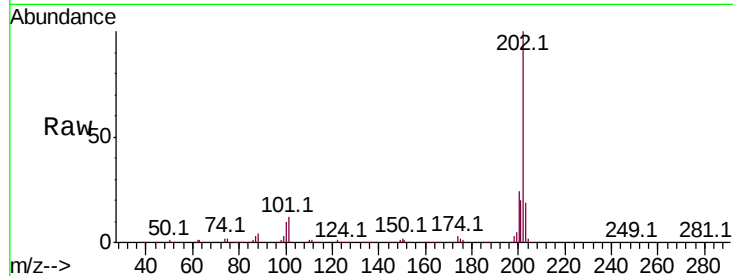
ClientSampleId :

PB112371BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1057821 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.7  | 18.3  | 27.5    |
| 203       | 18.9  | 15.1  | 22.7    |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#78

Terphenyl-d14

Concen: 71.160 ng

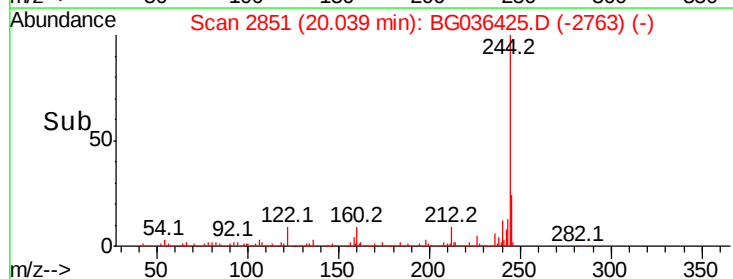
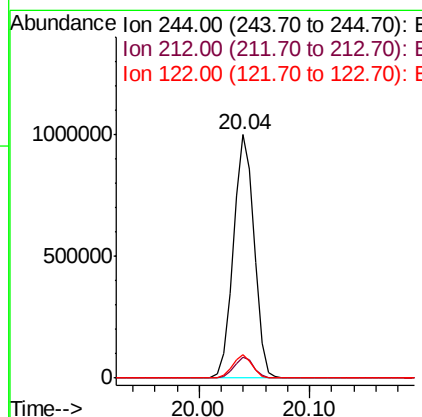
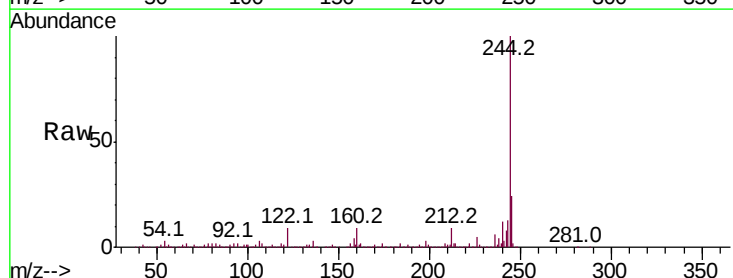
RT: 20.04 min Scan# 2851

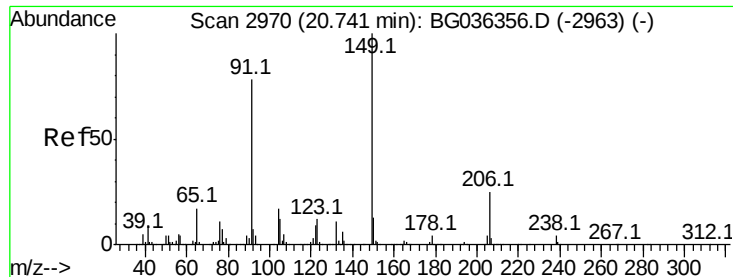
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1318695 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 8.6   | 7.0   | 10.6    |
| 122       | 9.4   | 7.1   | 10.7    |





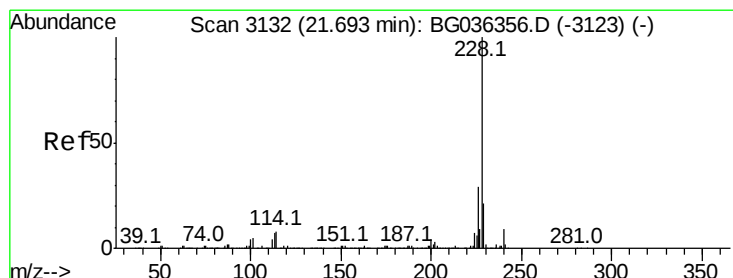
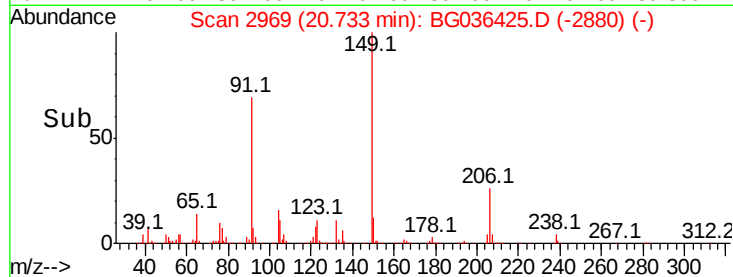
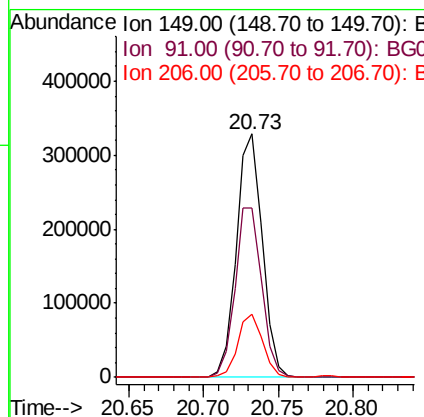
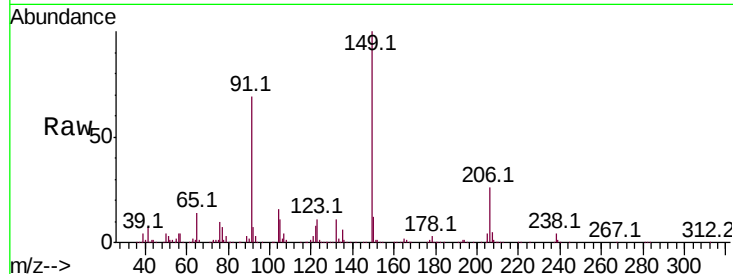
#79  
Butylbenzylphthalate  
Concen: 37.662 ng  
RT: 20.73 min Scan# 2969  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 399231 |       |       |
| 91      | 69.4  | 62.0   | 93.0  |       |
| 206     | 26.2  | 19.6   | 29.4  |       |

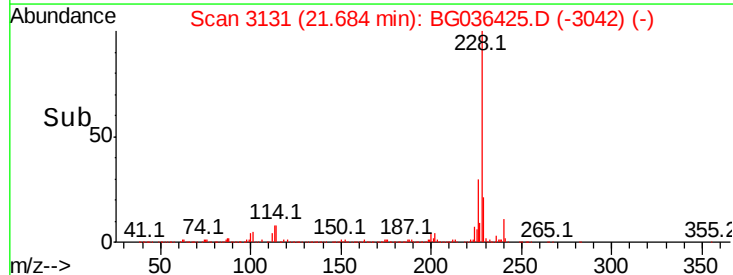
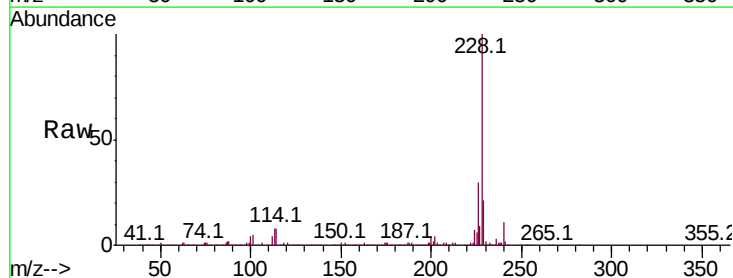
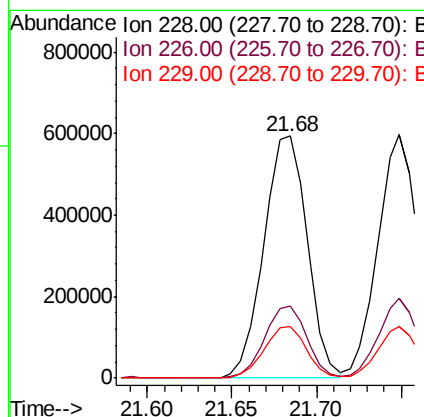
Manual Integrations  
APPROVED

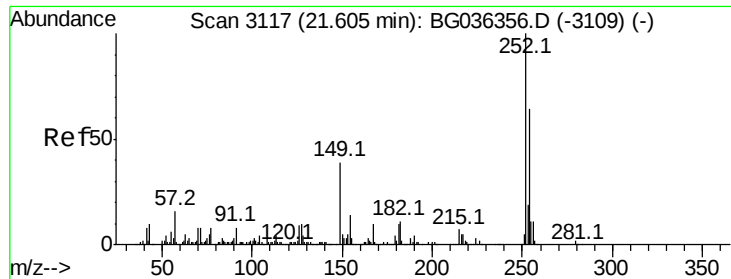
Sohil  
8/28/2018 12:12:42 PM



#80  
Benzo(a)anthracene  
Concen: 40.170 ng  
RT: 21.68 min Scan# 3131  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1054090 |       |       |
| 226     | 29.7  | 23.4    | 35.2  |       |
| 229     | 21.3  | 17.1    | 25.7  |       |





#81

3,3'-Dichlorobenzidine

Concen: 24.254 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

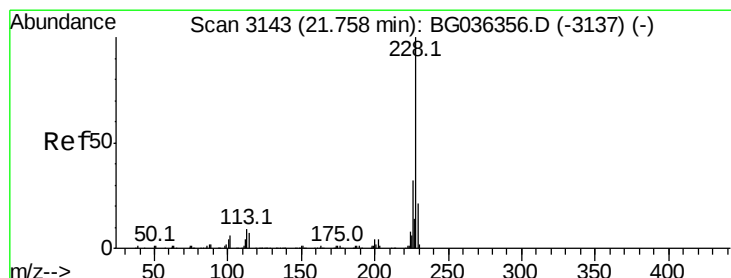
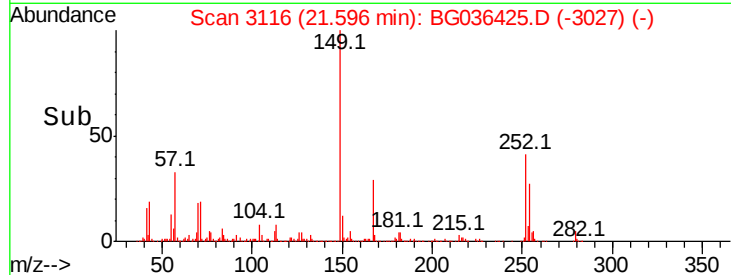
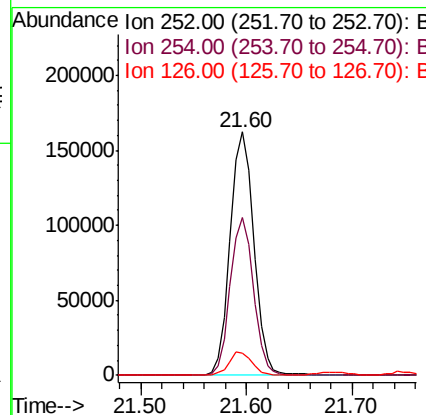
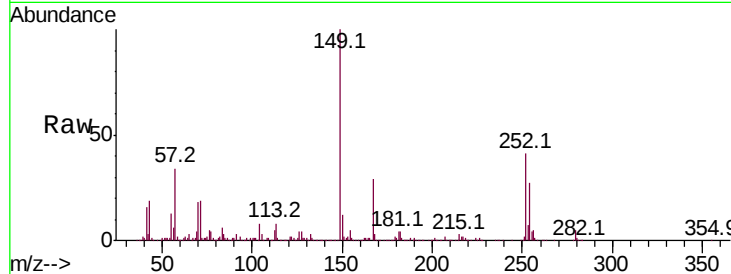
ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 253650 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.9  | 51.0  | 76.4   |
| 126       | 9.2   | 7.4   | 11.0   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM



#82

Chrysene

Concen: 39.456 ng

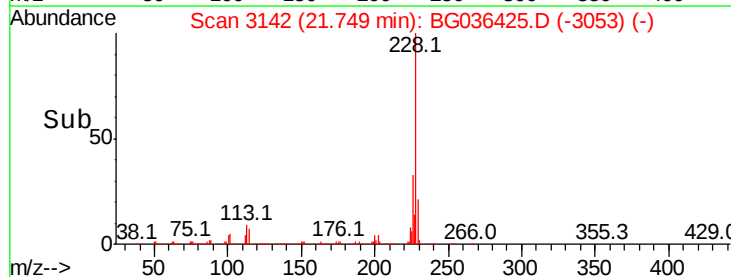
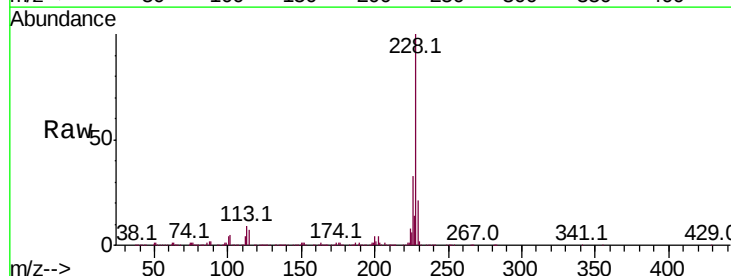
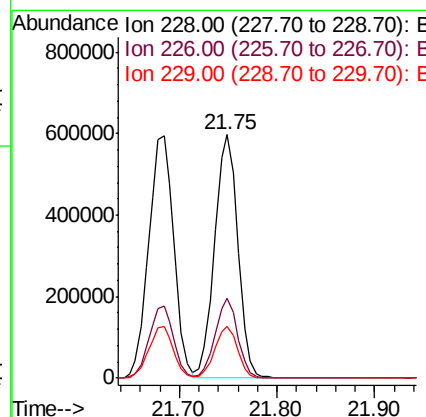
RT: 21.75 min Scan# 3142

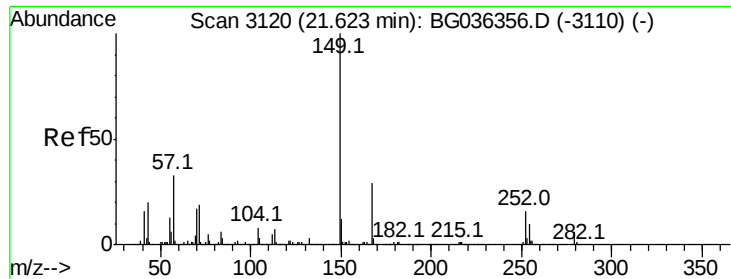
Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 981375 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.8  | 25.5  | 38.3   |
| 229       | 21.3  | 16.9  | 25.3   |





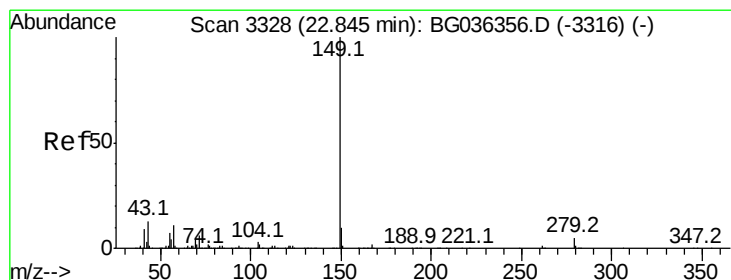
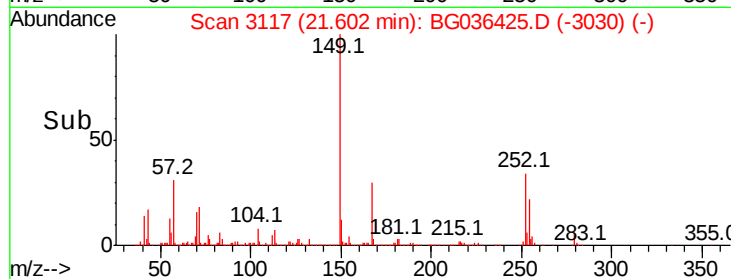
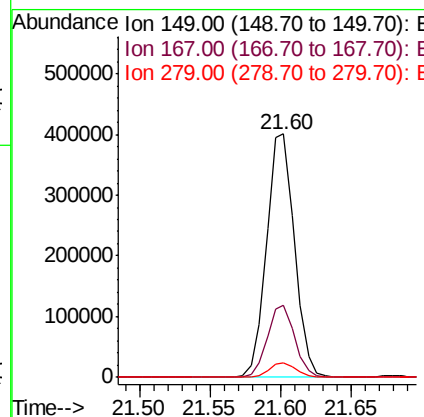
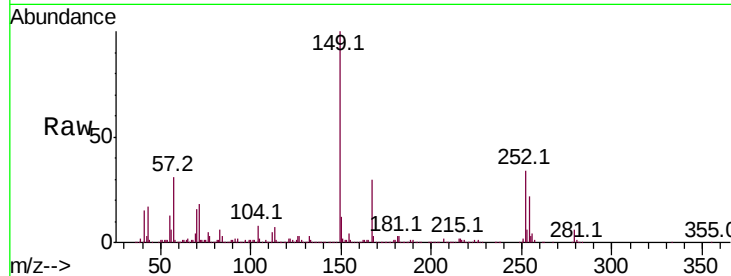
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.550 ng  
 RT: 21.60 min Scan# 3117  
 Delta R.T. -0.02 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB112371BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 29.5  | 23.4 | 35.0  |       |
| 279     | 6.2   | 4.6  | 7.0   |       |

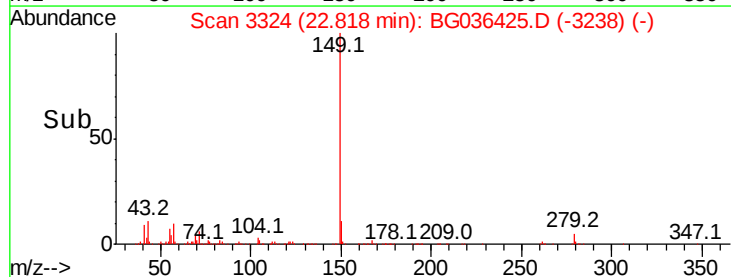
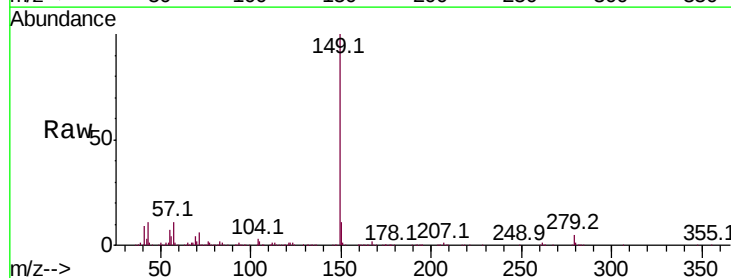
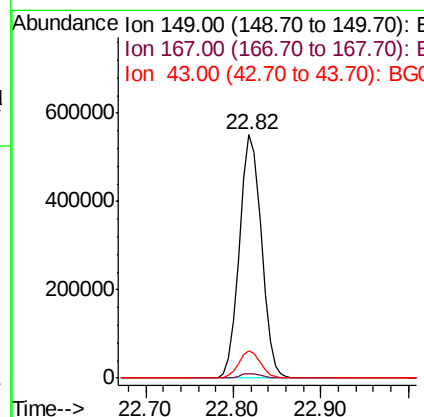
Manual Integrations  
 APPROVED

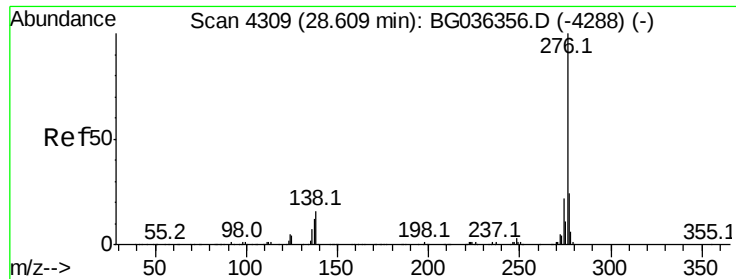
Sohil  
 8/28/2018 12:12:42 PM



#84  
 Di-n-octyl phthalate  
 Concen: 37.730 ng  
 RT: 22.82 min Scan# 3324  
 Delta R.T. -0.03 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.7   | 1.3  | 1.9   |       |
| 43      | 11.1  | 10.0 | 15.0  |       |





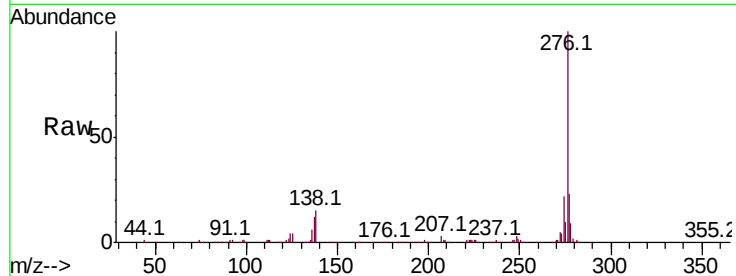
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.652 ng  
 RT: 28.58 min Scan# 4305  
 Delta R.T. -0.03 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.8  | 10.6  | 15.8  |
| 277     | 25.9  | 20.6  | 30.8  |

Manual Integrations  
 APPROVED

Sohil  
 8/28/2018 12:12:42 PM

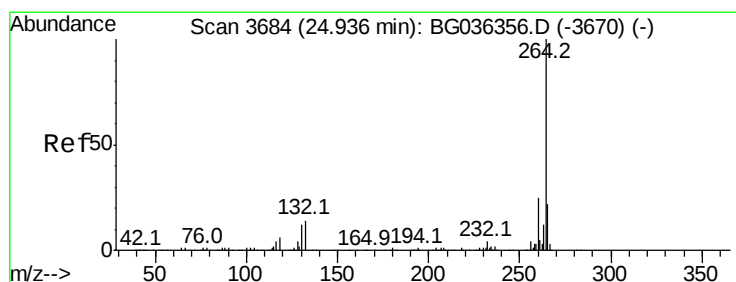
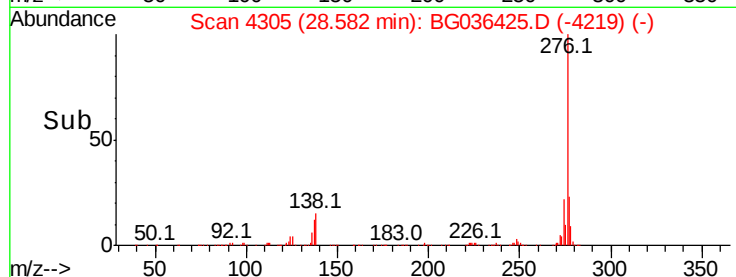
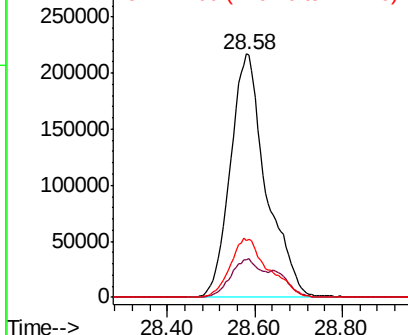


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.92 min Scan# 3681  
 Delta R.T. -0.02 min  
 Lab File: BG036425.D  
 Acq: 27 Aug 2018 10:53

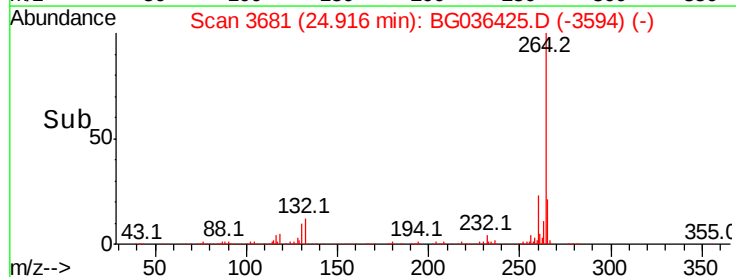
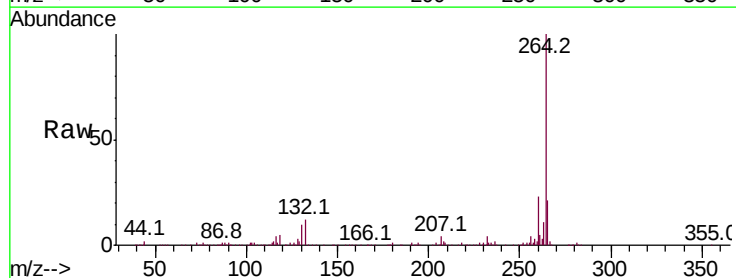
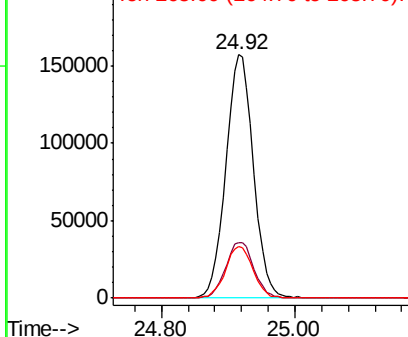
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.6  | 29.4  |
| 265     | 21.1  | 17.4  | 26.0  |

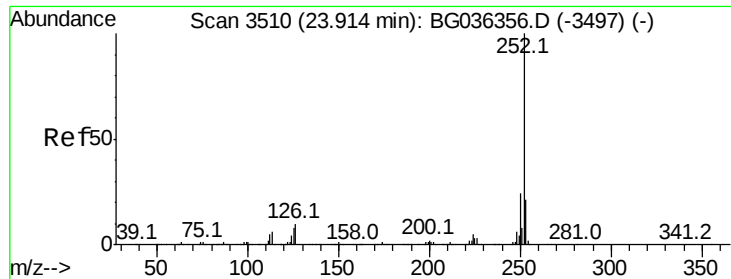
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





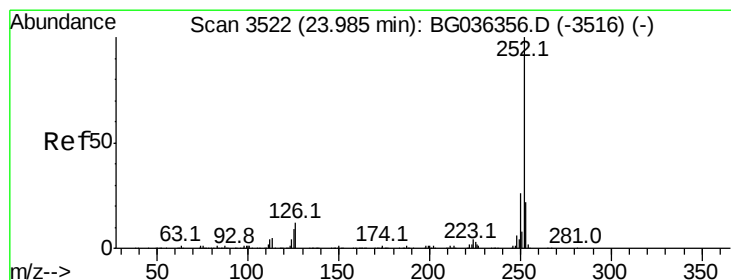
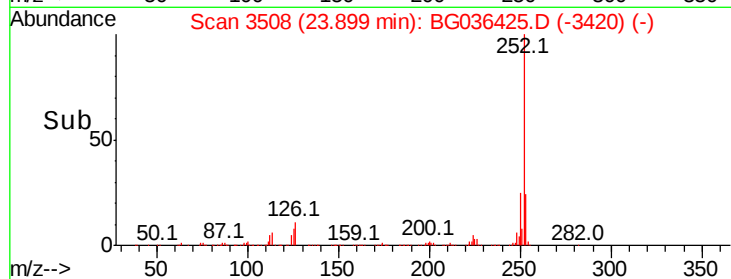
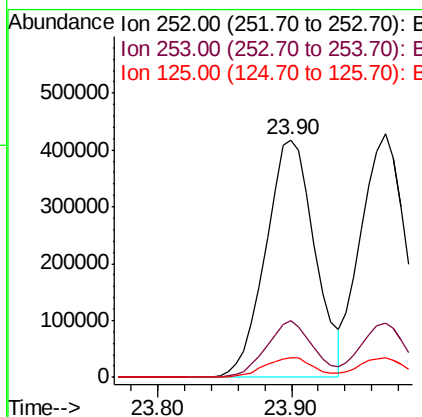
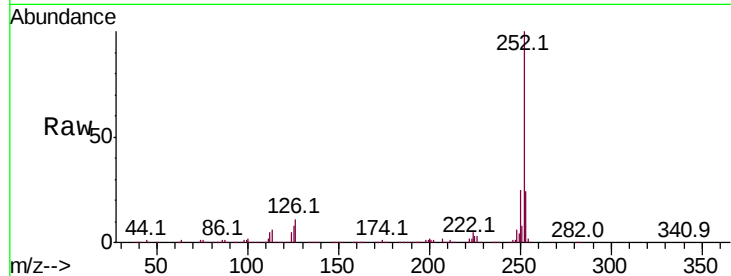
#87  
Benzo(b)fluoranthene  
Concen: 42.295 ng  
RT: 23.90 min Scan# 3508  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB112371BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 17.1  | 25.7  |
| 125     | 8.5   | 6.6   | 10.0  |

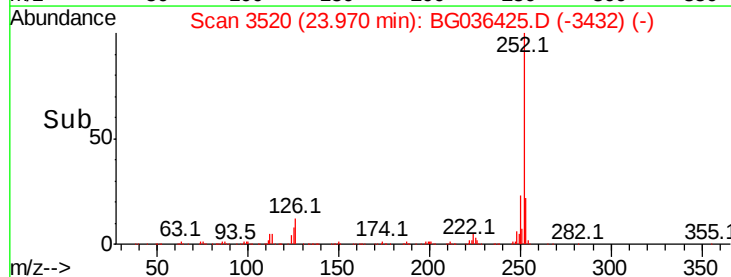
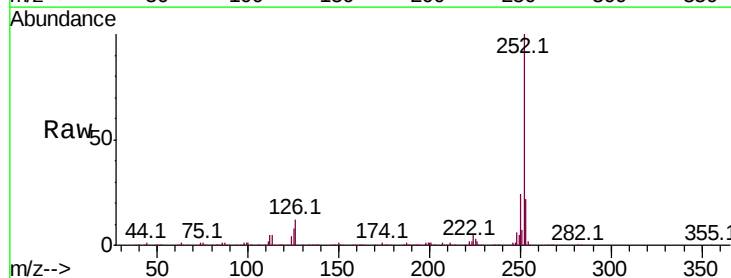
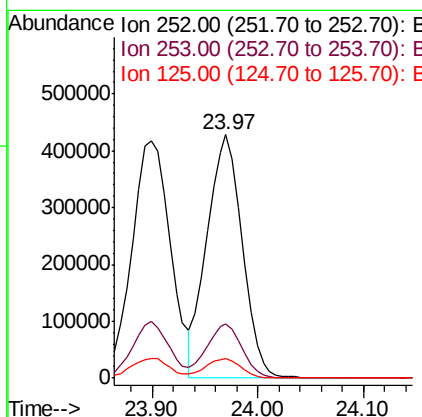
Manual Integrations  
APPROVED

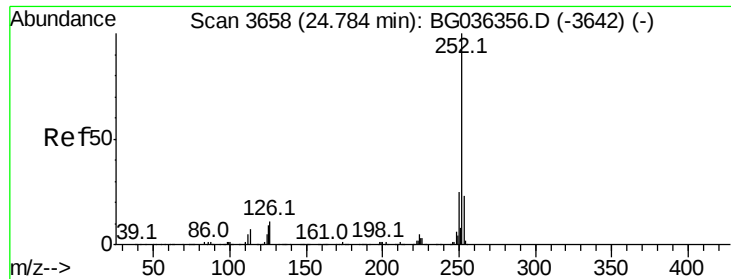
Sohil  
8/28/2018 12:12:42 PM



#88  
Benzo(k)fluoranthene  
Concen: 40.333 ng  
RT: 23.97 min Scan# 3520  
Delta R.T. -0.01 min  
Lab File: BG036425.D  
Acq: 27 Aug 2018 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.0  | 27.0  |
| 125     | 8.2   | 7.0   | 10.6  |





#89

Benzo(a)pyrene

Concen: 41.914 ng

RT: 24.77 min Scan# 3656

Delta R.T. -0.01 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

ClientSampled :

PB112371BS

Tot Ion:252 Resp: 1015403

Ion Ratio Lower Upper

252 100

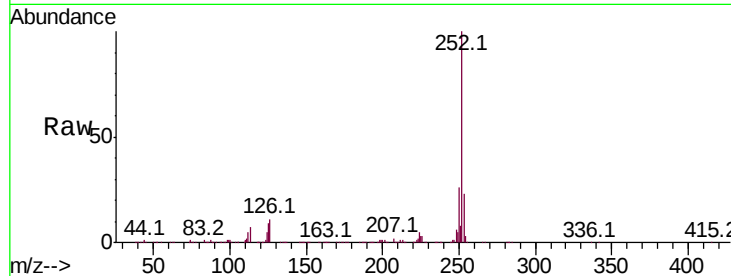
253 23.2 18.2 27.2

125 9.2 7.3 10.9

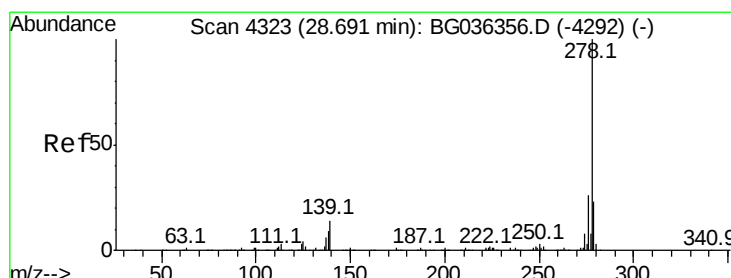
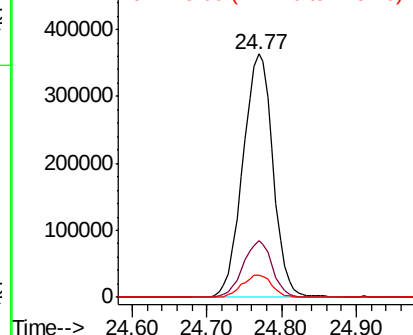
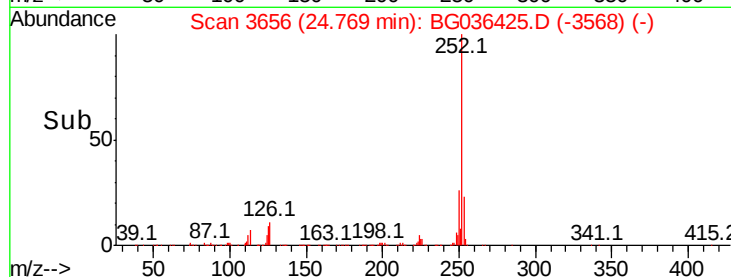
Manual Integrations  
APPROVED

Sohil

8/28/2018 12:12:42 PM



Abundance Ion 252.00 (251.70 to 252.70): E  
500000  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.583 ng

RT: 28.65 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

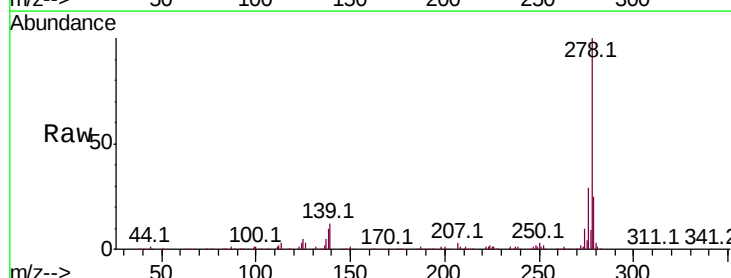
Tgt Ion:278 Resp: 972544

Ion Ratio Lower Upper

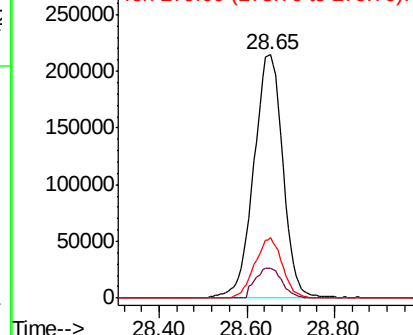
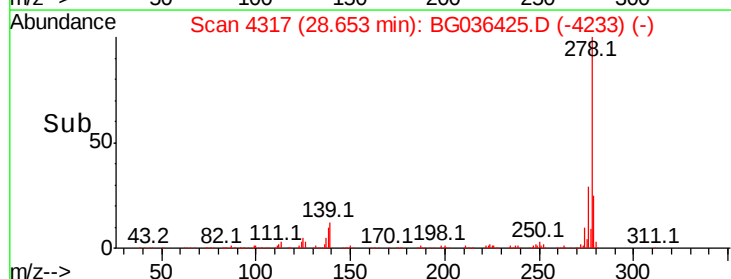
278 100

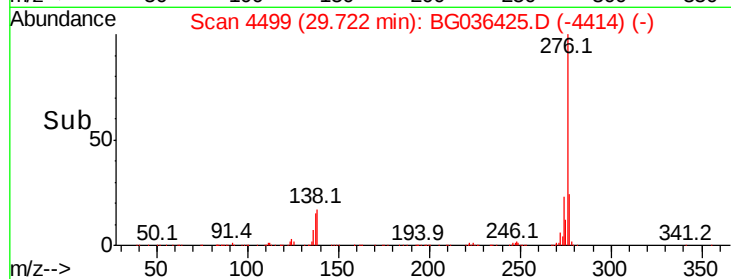
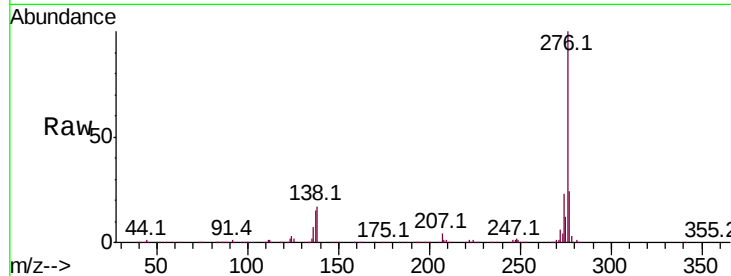
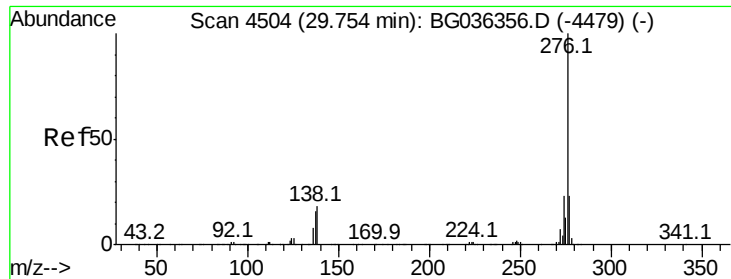
139 12.1 11.0 16.4

279 25.0 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E  
300000  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.143 ng

RT: 29.72 min Scan# 4499

Delta R.T. -0.03 min

Lab File: BG036425.D

Acq: 27 Aug 2018 10:53

Instrument :

BNA\_G

ClientSampleId :

PB112371BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 990470 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 18.4  | 27.6   |
| 138       | 17.2  | 14.6  | 22.0   |

Manual Integrations  
APPROVED

Sohil  
8/28/2018 12:12:42 PM

