

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\  
 Data File : BG039055.D  
 Acq On : 10 Jan 2019 16:43  
 Operator : JU/SJ  
 Sample : PB116291BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

Manual Integrations  
 APPROVED

Sohil  
 1/11/2019 4:44:27 PM

Quant Time: Jan 11 05:22:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 20768    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 103747   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 81981    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 217610   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 185688   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.97 | 264  | 170792   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.58  | 112 | 159056 | 145.28 | ng | 0.00 |
| 7) Phenol-d6                | 7.19  | 99  | 230008 | 145.99 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.20  | 82  | 119112 | 62.82  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330 | 164050 | 119.38 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.29 | 172 | 370796 | 61.90  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.02 | 244 | 700304 | 69.77  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.45  | 88  | 18958  | 44.220 | ng | 98   |
| 3) Pyridine                    | 3.86  | 79  | 35509  | 30.481 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 23681  | 45.175 | ng | # 92 |
| 6) Aniline                     | 7.36  | 93  | 72320  | 38.220 | ng | 98   |
| 8) 2-Chlorophenol              | 7.59  | 128 | 69385  | 53.765 | ng | 95   |
| 9) Benzaldehyde                | 7.17  | 77  | 8342   | 9.181  | ng | 96   |
| 10) Phenol                     | 7.22  | 94  | 90638  | 57.380 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 54863  | 45.443 | ng | 97   |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 60342  | 39.026 | ng | 95   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 64514  | 41.198 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 64054  | 42.900 | ng | 95   |
| 15) Benzyl Alcohol             | 8.27  | 79  | 66224  | 55.814 | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 107983 | 46.645 | ng | 99   |
| 17) 2-Methylphenol             | 8.47  | 107 | 62780  | 57.237 | ng | 97   |
| 18) Hexachloroethane           | 9.10  | 117 | 22005  | 41.362 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 50594  | 48.901 | ng | 96   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 89619  | 57.308 | ng | 97   |
| 22) Acetophenone               | 8.86  | 105 | 103518 | 38.208 | ng | 98   |
| 24) Nitrobenzene               | 9.25  | 77  | 76666  | 40.005 | ng | 99   |
| 25) Isophorone                 | 9.76  | 82  | 154430 | 47.285 | ng | 96   |
| 26) 2-Nitrophenol              | 9.96  | 139 | 44259  | 42.698 | ng | 93   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 78983  | 54.160 | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 85929  | 43.778 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 89370  | 49.329 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 84976  | 39.037 | ng | 96   |
| 31) Naphthalene                | 10.90 | 128 | 227021 | 43.630 | ng | 98   |
| 32) Benzoic acid               | 10.19 | 122 | 34438  | 40.286 | ng | 91   |
| 33) 4-Chloroaniline            | 11.01 | 127 | 75787  | 32.551 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 54910  | 36.659 | ng | 98   |
| 35) Caprolactam                | 11.80 | 113 | 31170m | 42.905 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 94675  | 48.859 | ng | 94   |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 187508 | 48.065 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 178405 | 47.645 | ng | 96   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 120855 | 39.253 | ng | 99   |

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 Sample : PB116291BS  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

Manual Integrations  
 APPROVED

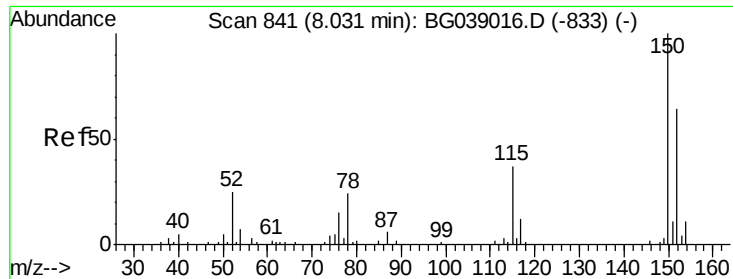
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Quant Time: Jan 11 05:22:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 120755   | 70.381 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 85614    | 44.182 | nq    | 93       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 93123    | 45.469 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 258546   | 39.801 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 212022   | 40.333 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 65518    | 44.489 | nq    | 96       |
| 49) Acenaphthylene             | 14.40 | 152  | 352450   | 44.607 | nq    | 99       |
| 50) Dimethylphthalate          | 14.12 | 163  | 296318   | 42.773 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 67699    | 43.709 | nq    | 93       |
| 52) Acenaphthene               | 14.73 | 154  | 202286   | 42.612 | nq    | 95       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 51559    | 32.814 | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 82929    | 88.911 | nq    | 93       |
| 55) Dibenzofuran               | 15.07 | 168  | 355224   | 42.368 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 96256    | 85.142 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 97186    | 43.736 | nq    | 96       |
| 58) Fluorene                   | 15.72 | 166  | 289546   | 45.880 | nq    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 93071    | 48.141 | nq    | 97       |
| 60) Diethylphthalate           | 15.47 | 149  | 310718   | 43.532 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 165057   | 41.514 | nq    | 95       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 68863    | 42.071 | nq    | 96       |
| 63) Azobenzene                 | 16.00 | 77   | 241076   | 43.189 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 63498    | 39.386 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 269943   | 41.845 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 115509   | 41.293 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 123497   | 40.460 | nq    | 96       |
| 69) Atrazine                   | 16.87 | 200  | 109293   | 39.881 | nq    | 96       |
| 70) Pentachlorophenol          | 17.07 | 266  | 121794   | 65.699 | nq    | 95       |
| 71) Phenanthrene               | 17.47 | 178  | 500696   | 43.531 | nq    | 100      |
| 72) Anthracene                 | 17.55 | 178  | 503148   | 44.242 | nq    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 421405   | 37.536 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 509899   | 40.826 | nq    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 553923   | 38.847 | nq    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 192901   | 33.965 | nq    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 540650   | 45.687 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 192999   | 42.881 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 504875   | 44.664 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 152181   | 33.042 | nq    | 98       |
| 83) Chrysene                   | 21.74 | 228  | 466191   | 43.363 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 268002   | 42.885 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 459971   | 43.528 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.73 | 276  | 584361   | 45.489 | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 511923   | 54.359 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.00 | 252  | 476049   | 51.126 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.82 | 252  | 492472   | 54.102 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.80 | 278  | 489934   | 54.111 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.93 | 276  | 484124   | 54.010 | nq    | 98       |

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





#1

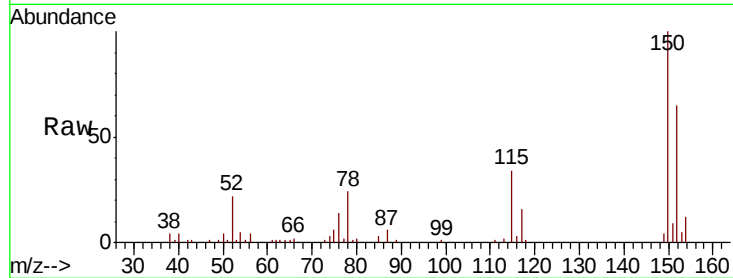
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleID :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 124.7 | 187.1 |
| 115     | 52.7  | 46.5  | 69.7  |

Manual Integrations  
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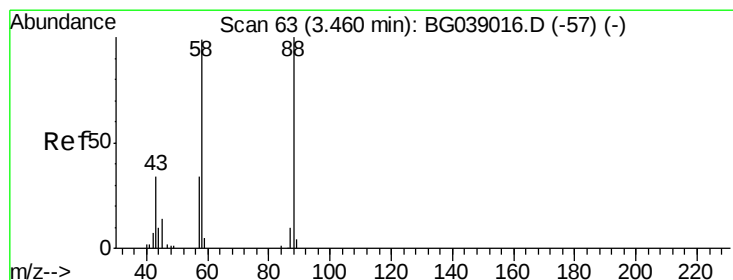
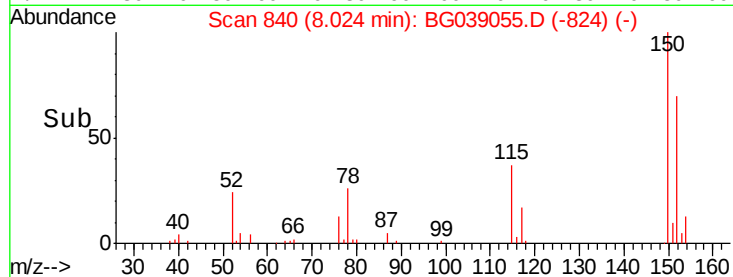
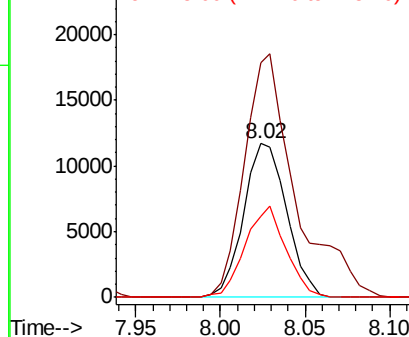


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

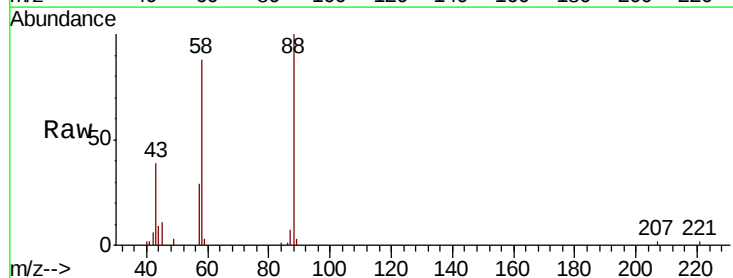
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 44.220 ng  
RT: 3.45 min Scan# 62  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 91.6  | 72.4  | 108.6 |
| 43      | 36.4  | 27.6  | 41.4  |

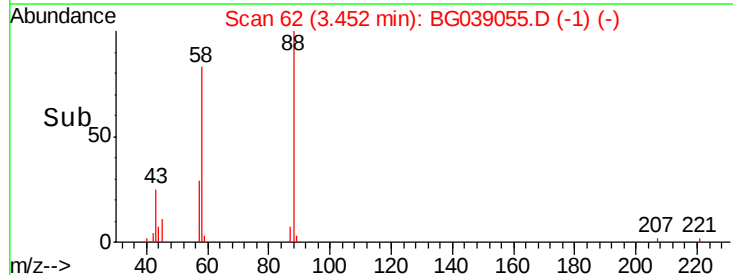
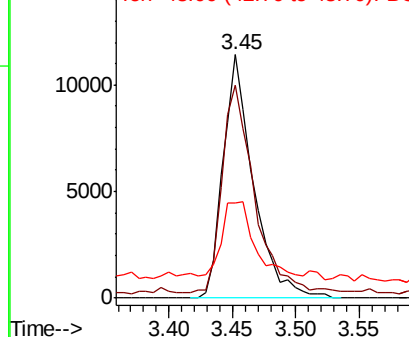


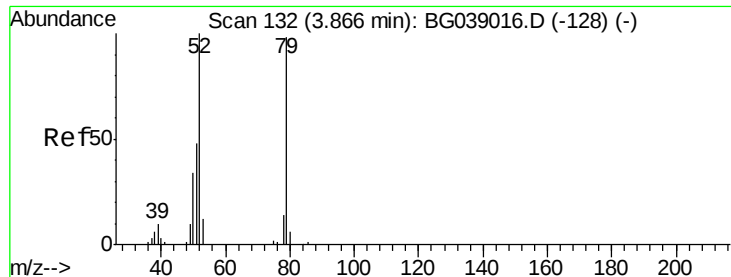
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

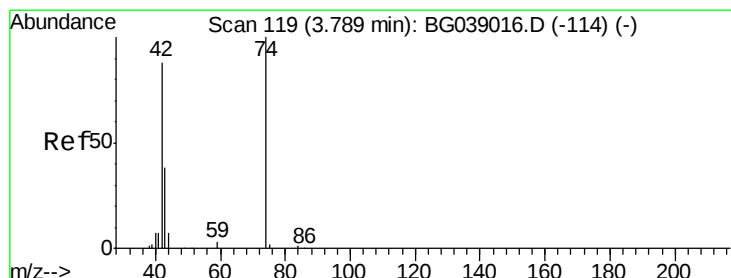
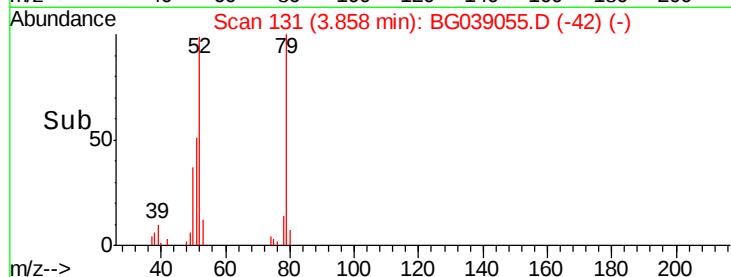
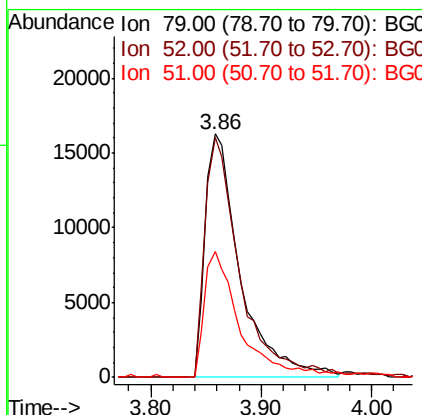
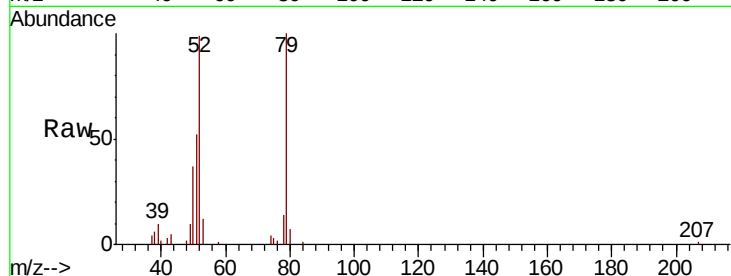
Pvridine  
 Concen: 30.481 ng  
 RT: 3.86 min Scan# 131  
 Delta R.T. -0.01 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 98.6  | 81.5  | 122.3 |
| 51      | 51.7  | 39.8  | 59.6  |

Manual Integrations  
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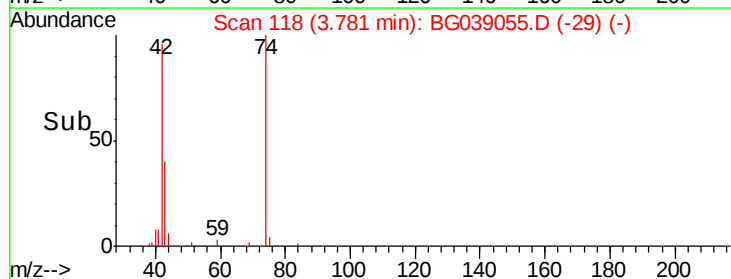
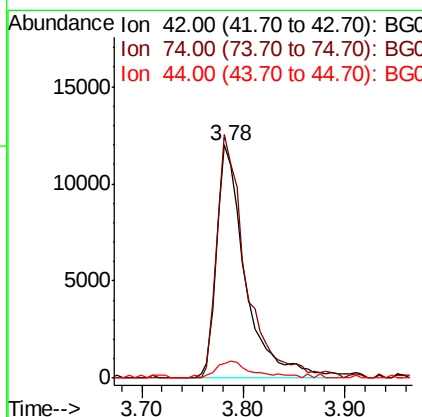
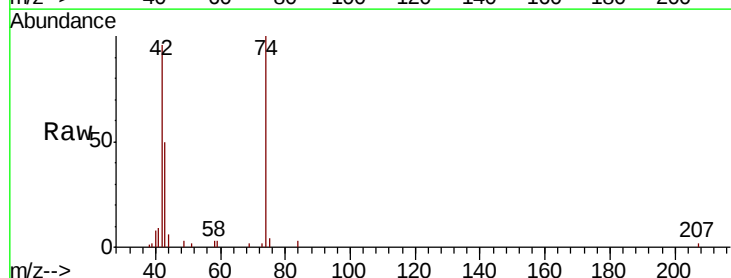
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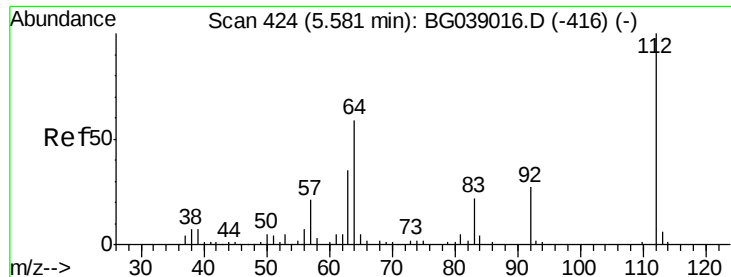


#4

n-Nitrosodimethylamine  
 Concen: 45.175 ng  
 RT: 3.78 min Scan# 118  
 Delta R.T. -0.01 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 104.4 | 90.7  | 136.1 |
| 44      | 6.1   | 6.5   | 9.7#  |





#5

2-Fluorophenol

Concen: 145.284 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

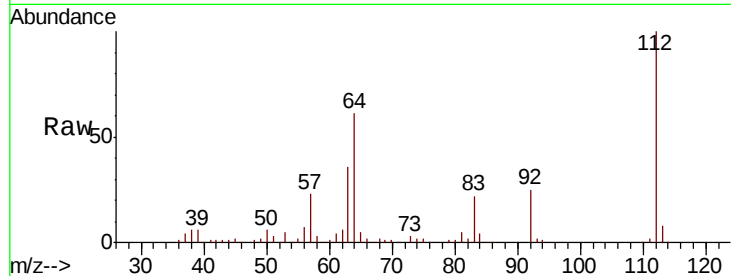
ClientSampleId :

PB116291BS

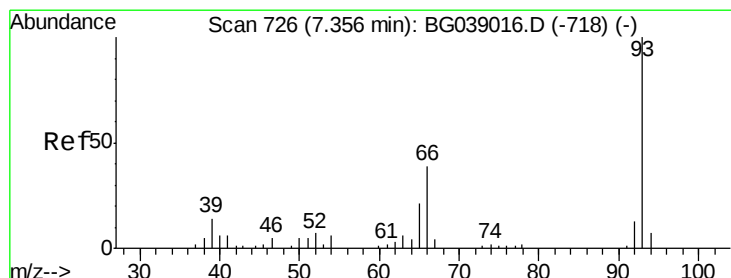
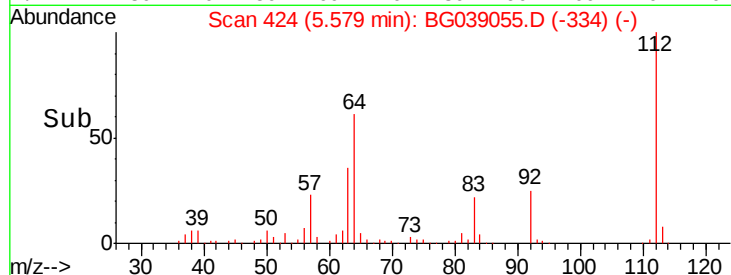
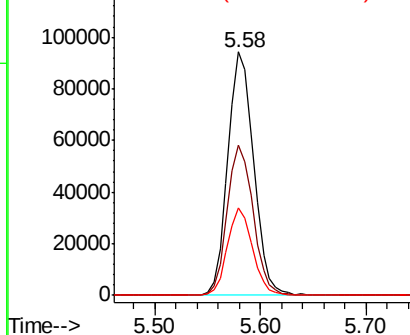
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 159056 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.4  | 47.0  | 70.6   |
| 63        | 35.9  | 28.0  | 42.0   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.220 ng

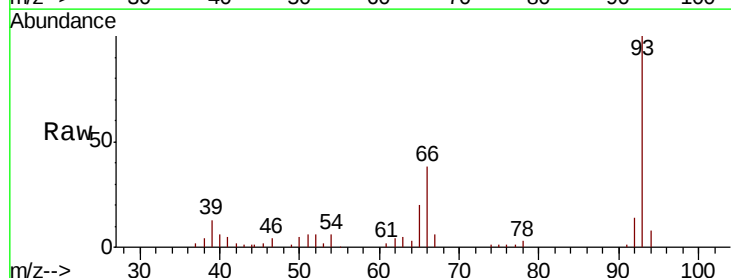
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

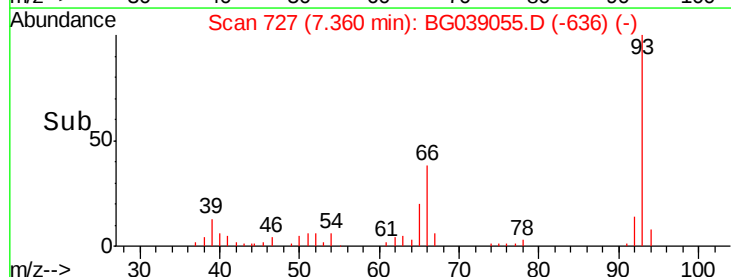
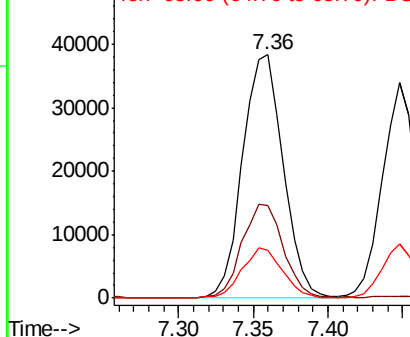
Lab File: BG039055.D

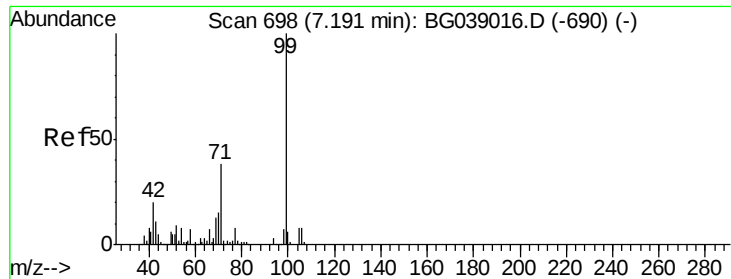
Acq: 10 Jan 2019 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 72320 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 37.9  | 30.9  | 46.3  |
| 65        | 19.7  | 17.0  | 25.4  |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.986 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

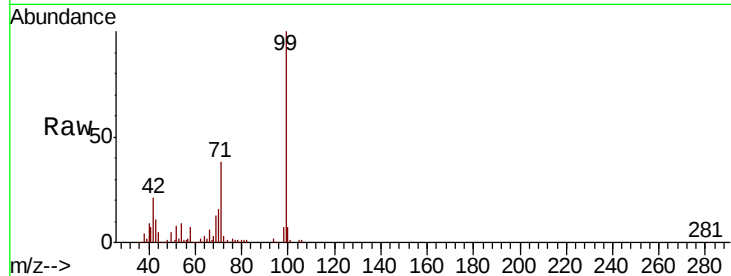
ClientSampleId :

PB116291BS

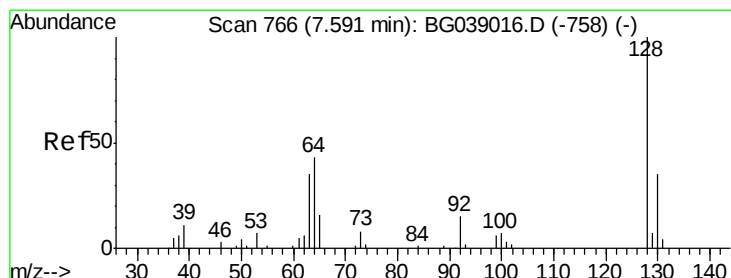
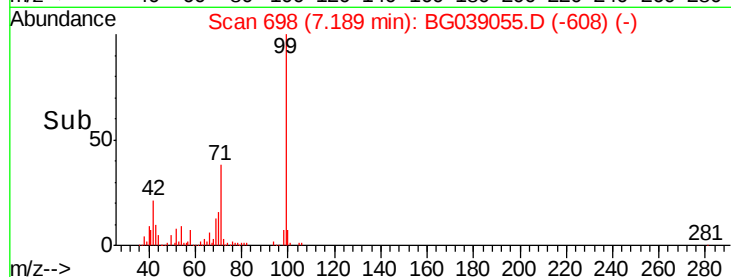
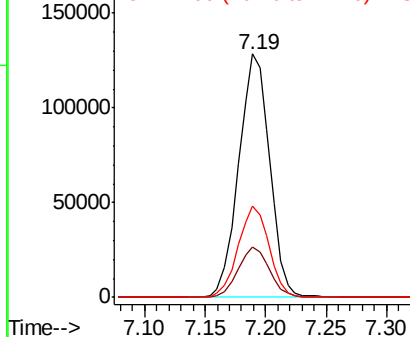
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 230008 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.9  | 15.8  | 23.6   |
| 71        | 37.7  | 30.2  | 45.4   |

Manual Integrations  
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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: 53.765 ng

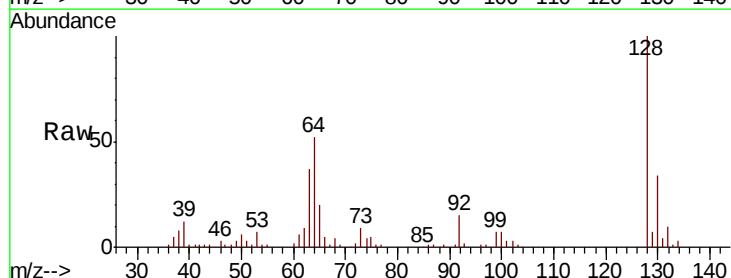
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

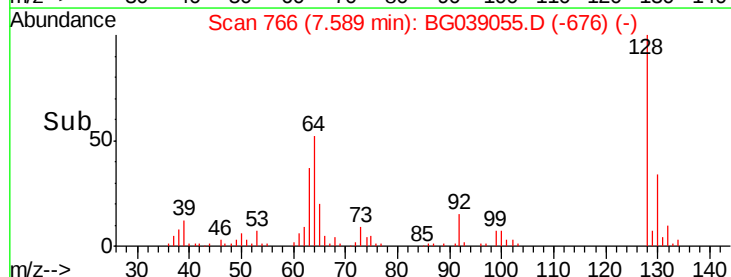
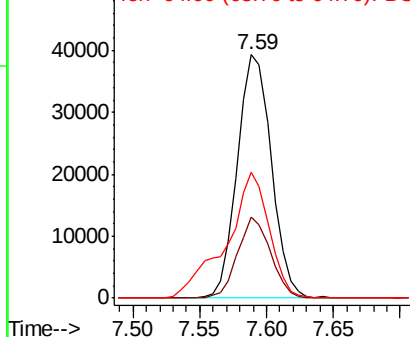
Lab File: BG039055.D

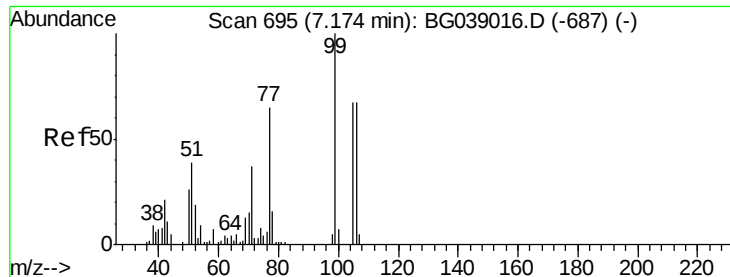
Acq: 10 Jan 2019 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 69385 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.6  | 14.5  | 54.5  |
| 64        | 51.8  | 27.3  | 67.3  |



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





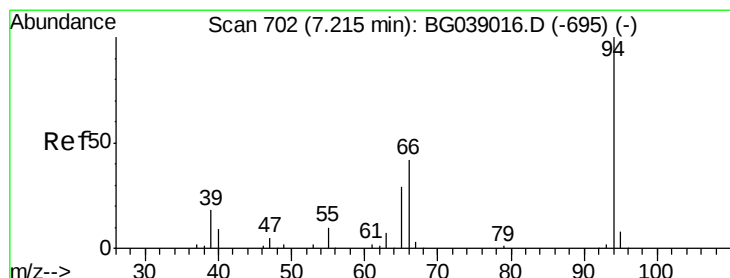
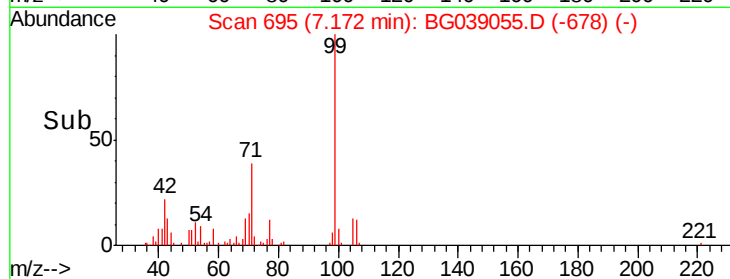
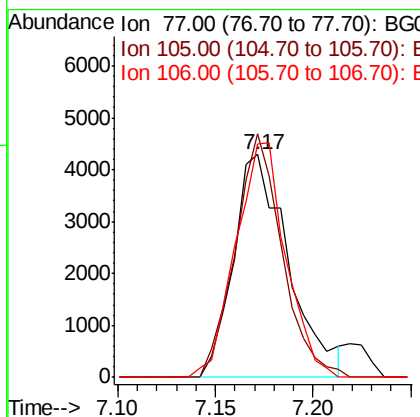
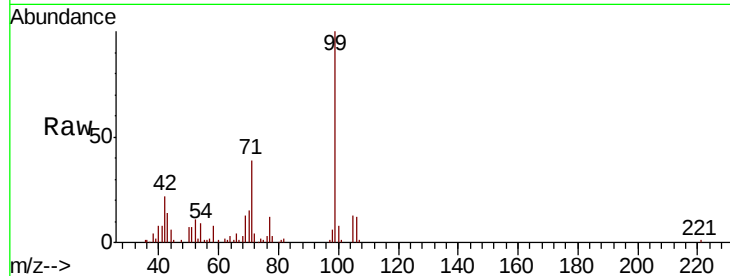
#9  
Benzaldehyde  
Concen: 9.181 ng  
RT: 7.17 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 109.3 | 82.4  | 122.4 |
| 106     | 104.7 | 82.8  | 122.8 |

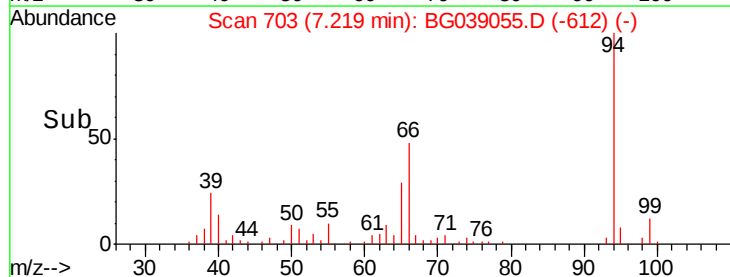
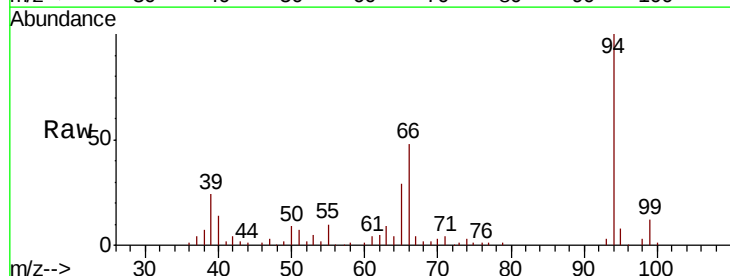
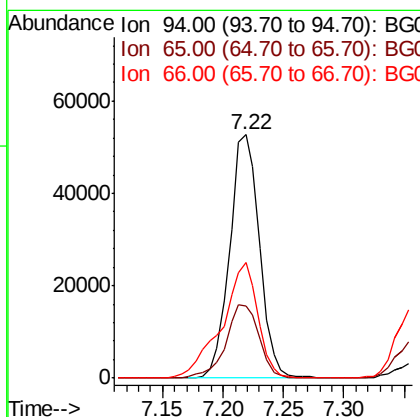
Manual Integrations  
APPROVED

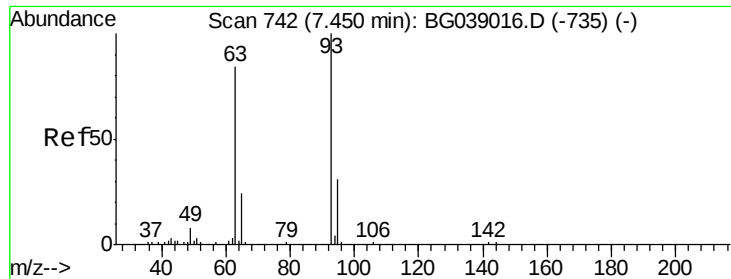
Sohil  
1/11/2019 4:44:27 PM



#10  
Phenol  
Concen: 57.380 ng  
RT: 7.22 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.5  | 10.3  | 50.3  |
| 66      | 47.5  | 25.1  | 65.1  |





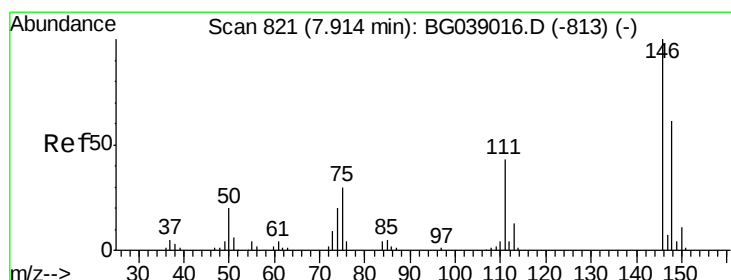
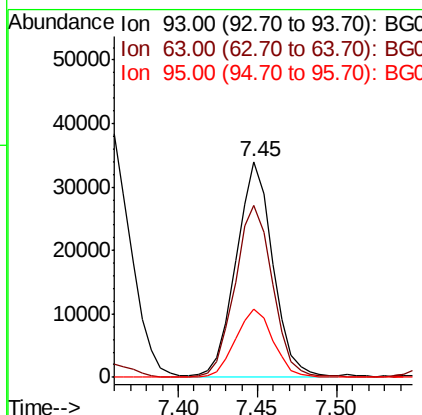
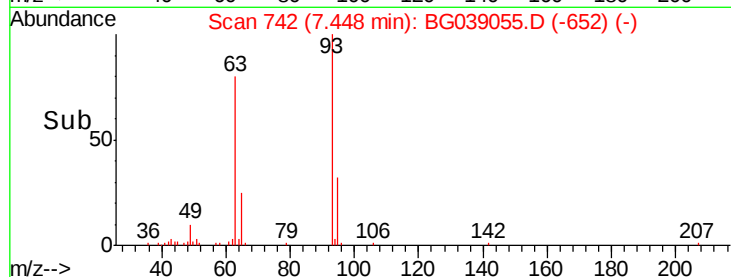
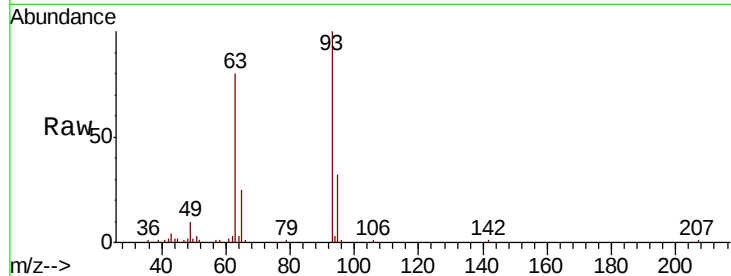
#11  
bis(2-Chloroethyl)ether  
Concen: 45.443 ng  
RT: 7.45 min Scan# 742  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 63      | 79.8 | 63.2  | 103.2 |       |
| 95      | 31.7 | 11.2  | 51.2  |       |

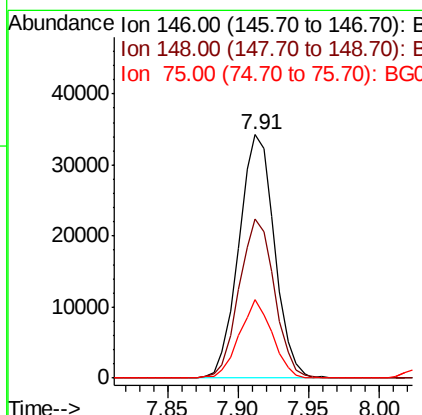
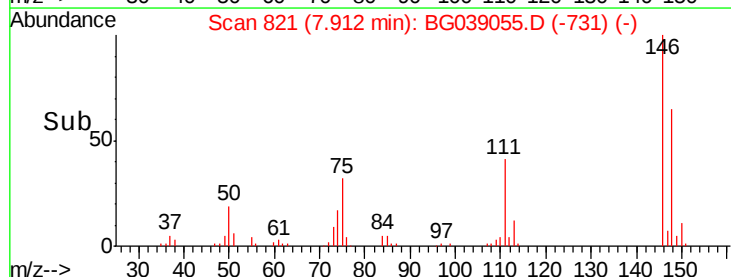
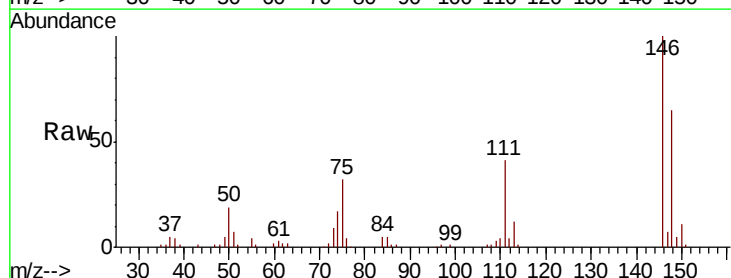
Manual Integrations  
APPROVED

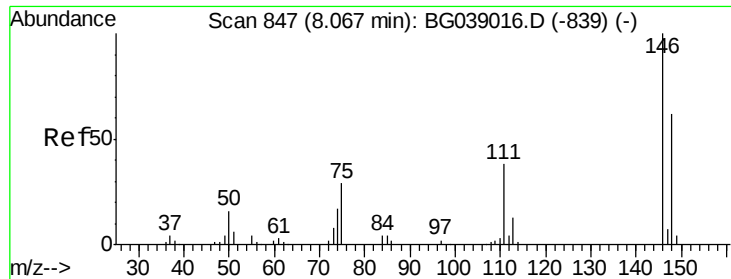
Sohil  
1/11/2019 4:44:27 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.026 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 146     | 100  |       |       |       |
| 148     | 65.3 | 49.1  | 73.7  |       |
| 75      | 32.2 | 23.9  | 35.9  |       |





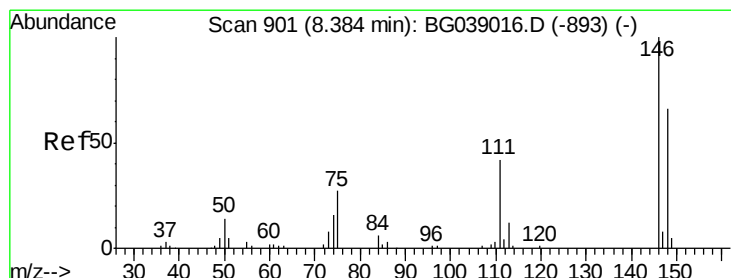
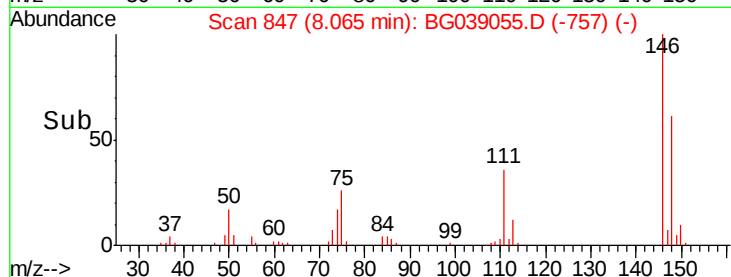
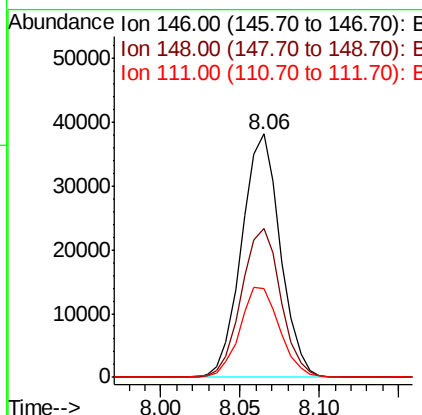
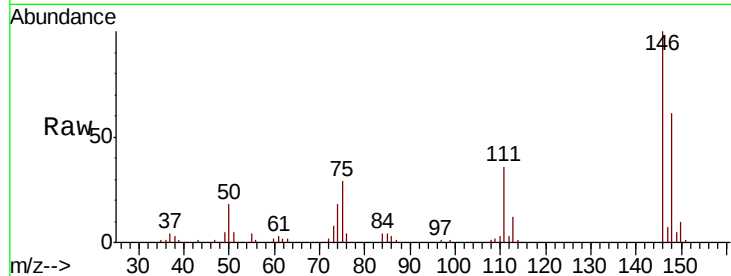
#13  
 1,4-Dichlorobenzene  
 Concen: 41.198 ng  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.1  | 49.8  | 74.6  |
| 111     | 36.4  | 30.6  | 45.8  |

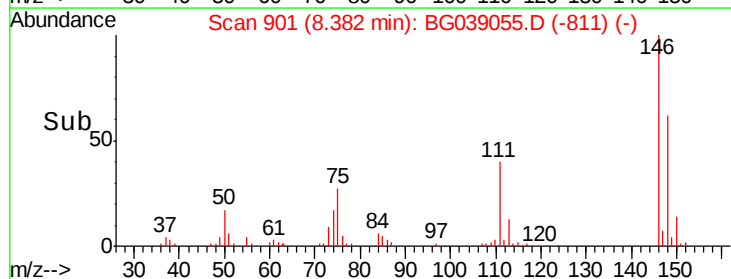
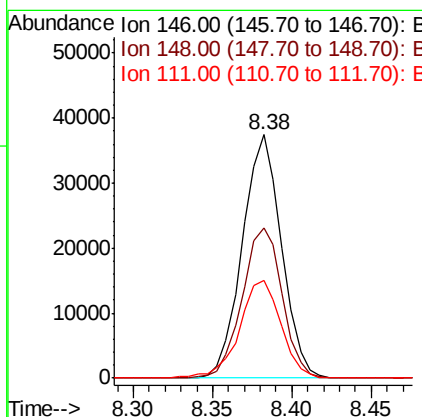
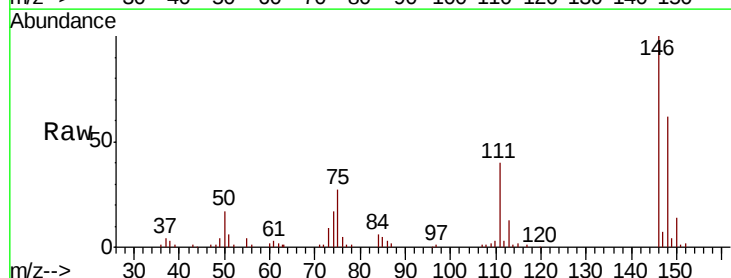
Manual Integrations  
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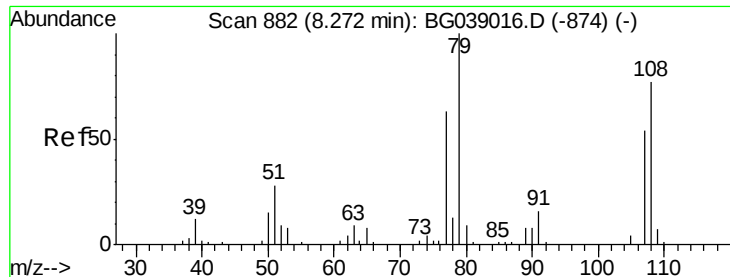
Sohil  
 1/11/2019 4:44:27 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 42.900 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.5  | 52.6  | 79.0  |
| 111     | 40.1  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 55.814 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

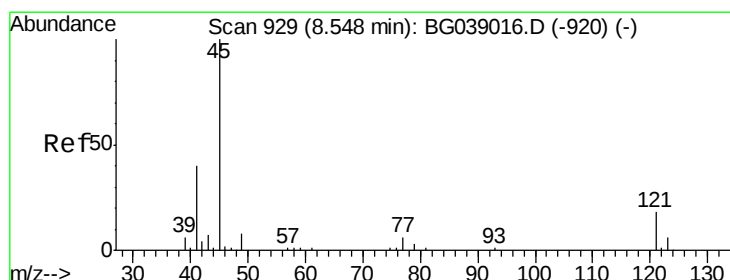
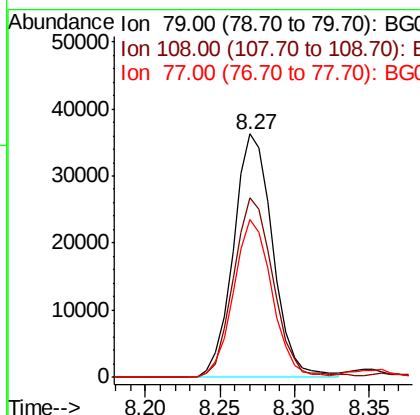
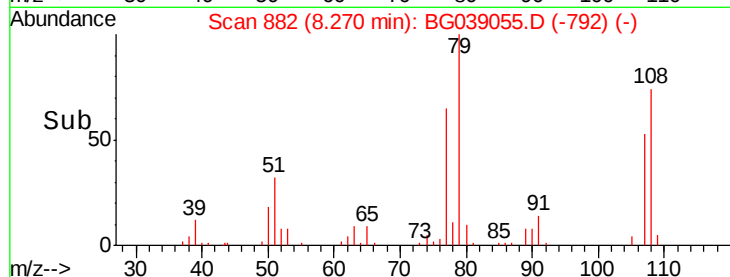
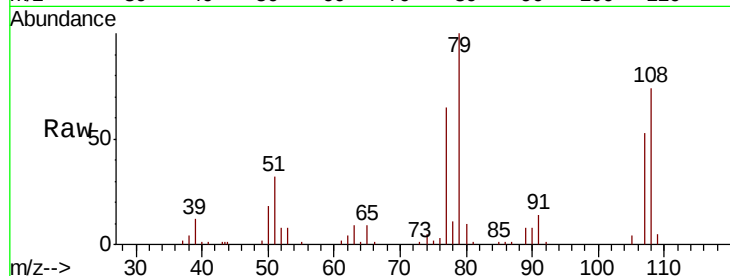
ClientSampled :

PB116291BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 66224 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 73.8  | 62.0  | 93.0  |
| 77       | 64.7  | 50.1  | 75.1  |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.645 ng

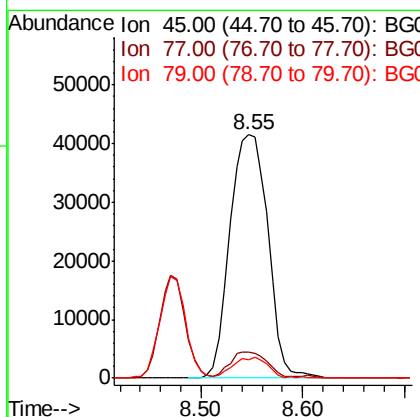
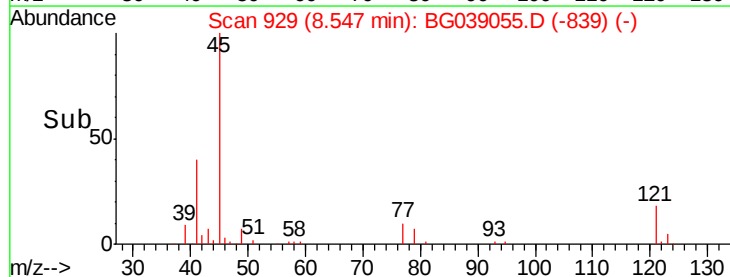
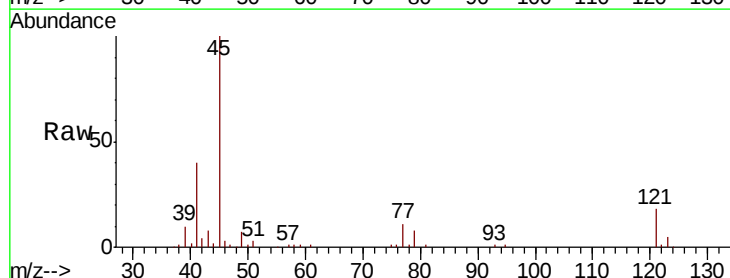
RT: 8.55 min Scan# 929

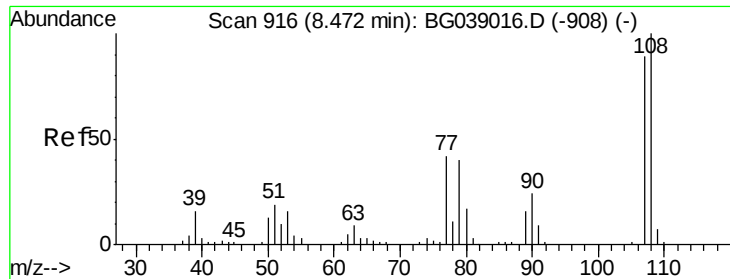
Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 107983 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.7  | 0.0   | 30.7   |
| 79       | 7.6   | 0.0   | 28.5   |





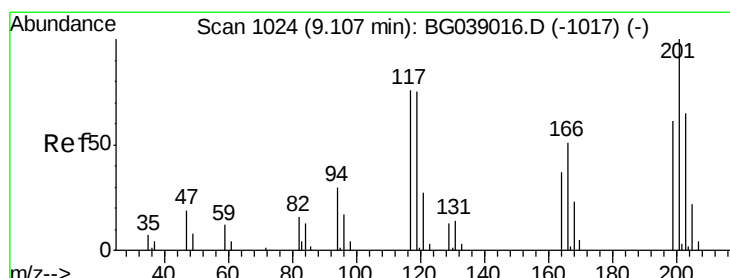
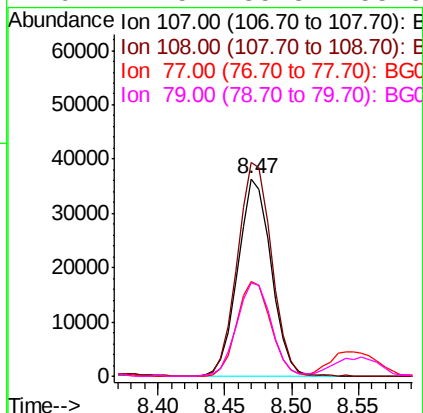
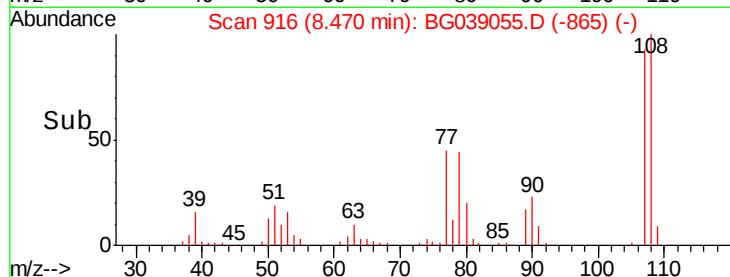
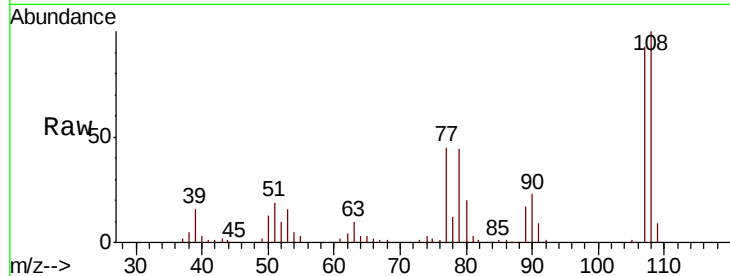
#17  
2-Methylphenol  
Concen: 57.237 ng  
RT: 8.47 min Scan# 916  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.0 | 90.3  | 135.5 |
| 77      | 48.2  | 38.3  | 57.5  |
| 79      | 47.5  | 35.8  | 53.6  |

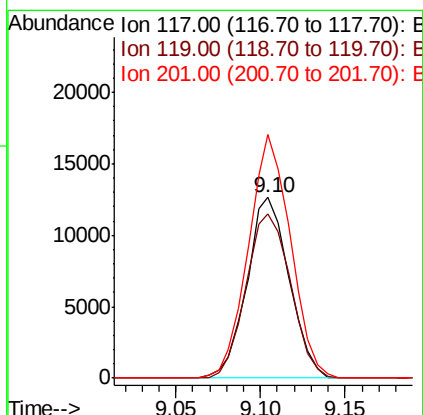
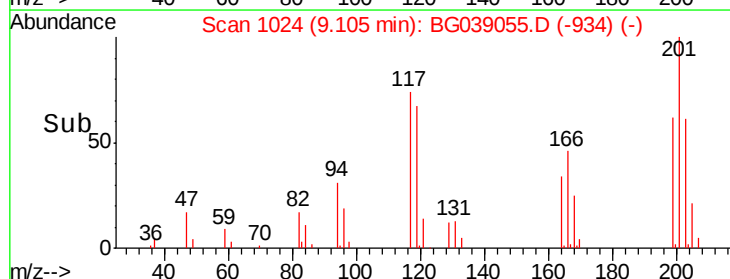
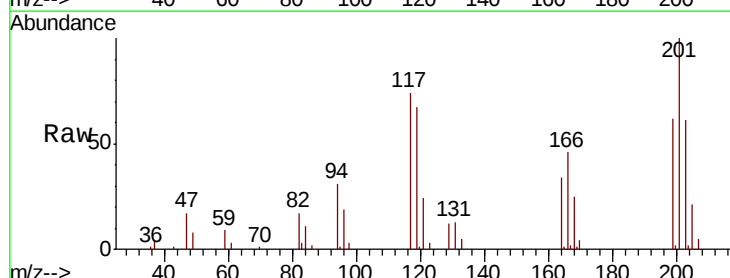
Manual Integrations  
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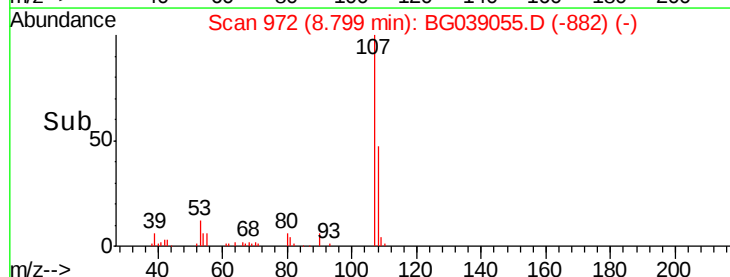
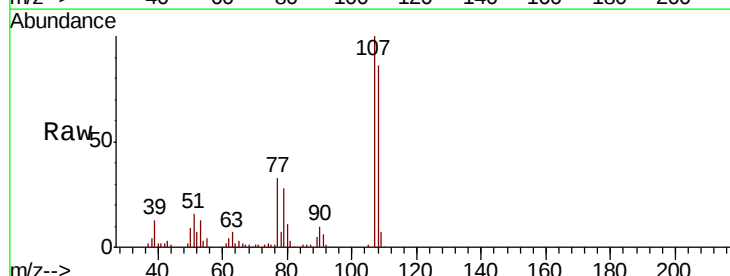
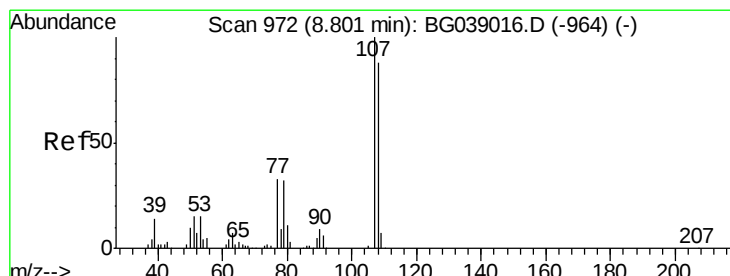
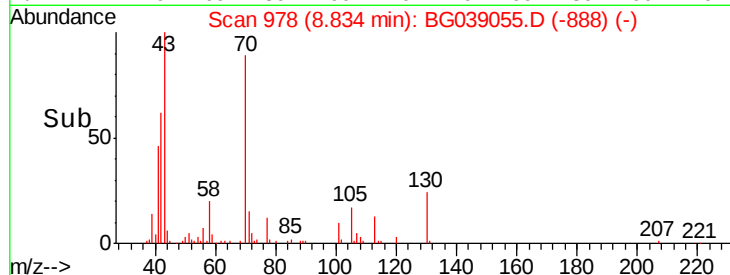
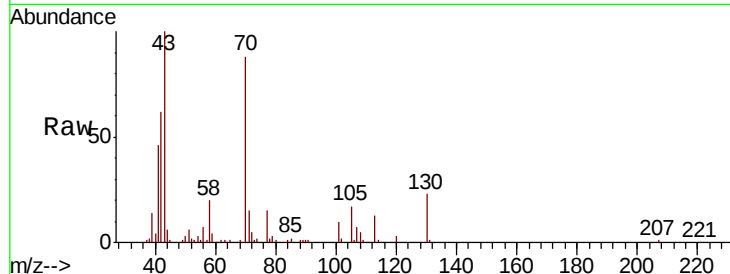
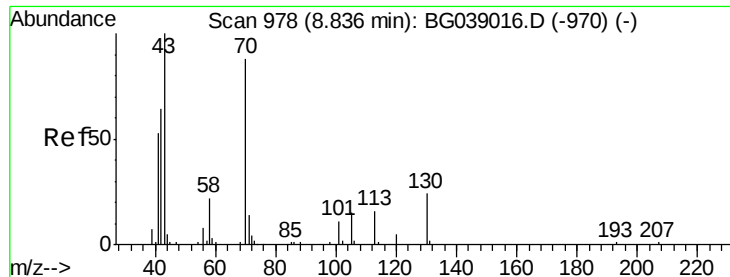
Sohil  
1/11/2019 4:44:27 PM



#18  
Hexachloroethane  
Concen: 41.362 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

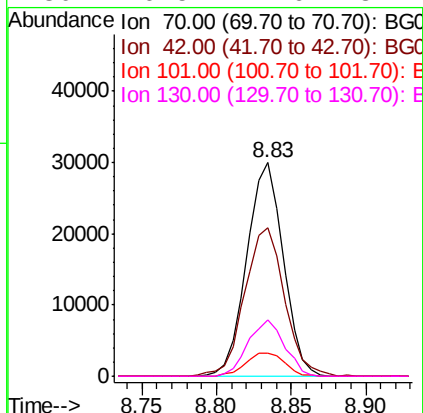
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.6  | 78.7  | 118.1 |
| 201     | 134.6 | 108.1 | 162.1 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 48.901 ng  
RT: 8.83 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.8  | 59.0  | 88.4  |
| 101     | 11.1  | 10.4  | 15.6  |
| 130     | 26.5  | 21.6  | 32.4  |



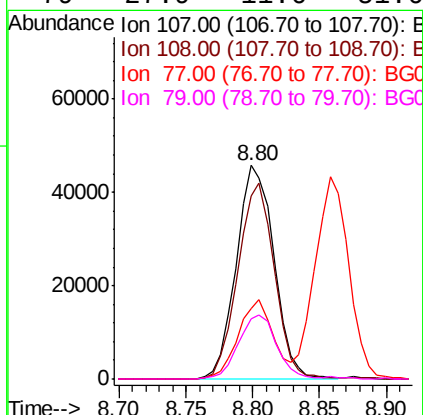
Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

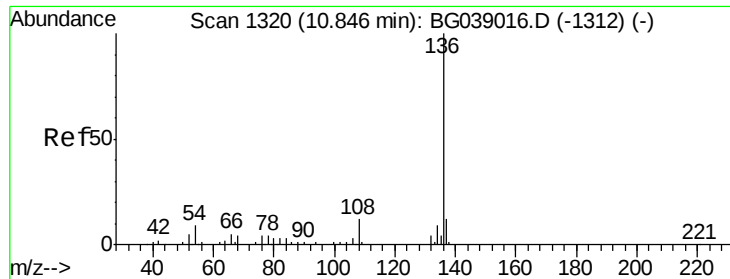
Manual Integrations  
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1/11/2019 4:44:27 PM

#20  
3+4-Methylphenols  
Concen: 57.308 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.7  | 68.4  | 108.4 |
| 77      | 32.9  | 13.3  | 53.3  |
| 79      | 27.9  | 11.6  | 51.6  |





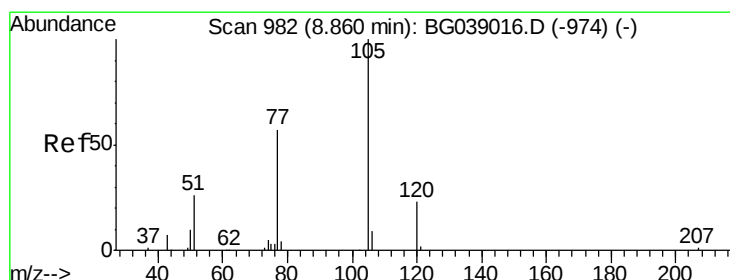
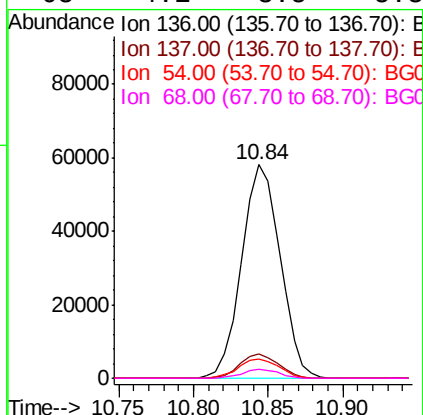
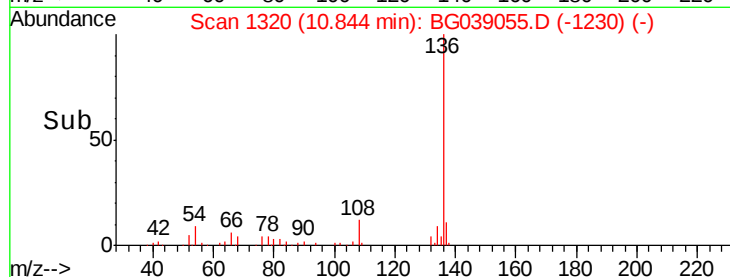
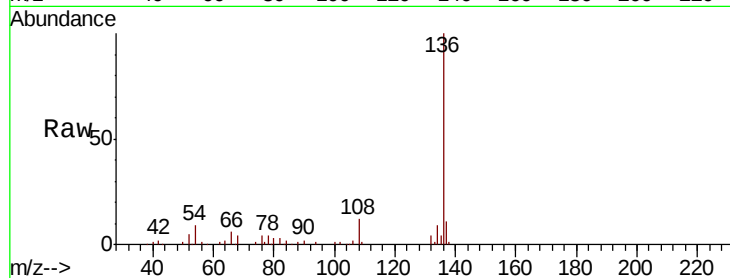
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.3  | 9.4   | 14.2  |
| 54      | 8.8   | 7.2   | 10.8  |
| 68      | 4.1   | 3.5   | 5.3   |

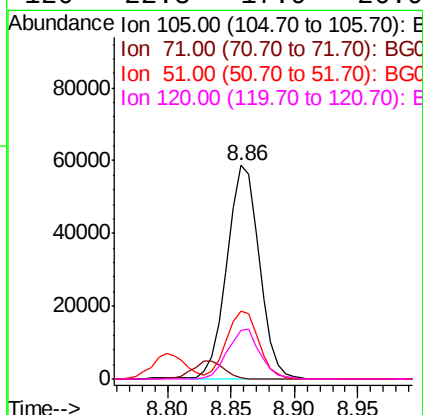
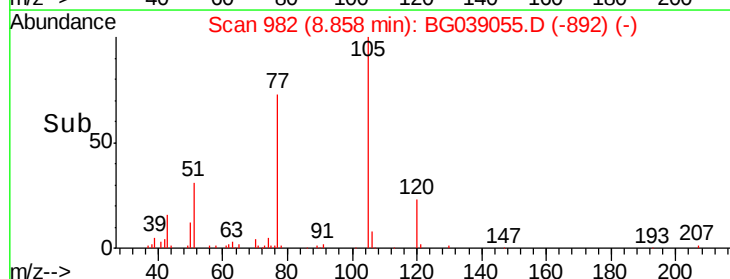
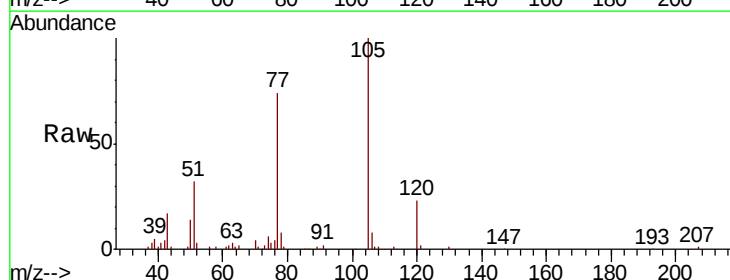
Manual Integrations  
APPROVED

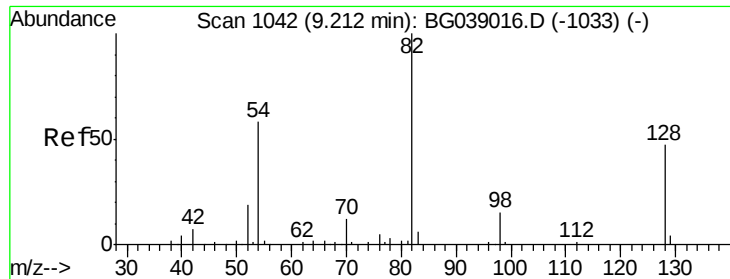
Sohil  
1/11/2019 4:44:27 PM



#22  
Acetophenone  
Concen: 38.208 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.8   | 0.6   | 1.0   |
| 51      | 31.8  | 26.6  | 39.8  |
| 120     | 22.8  | 17.9  | 26.9  |





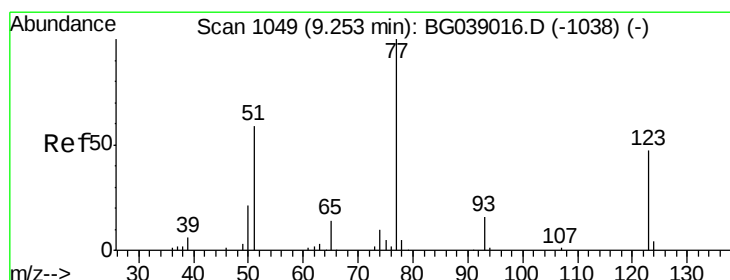
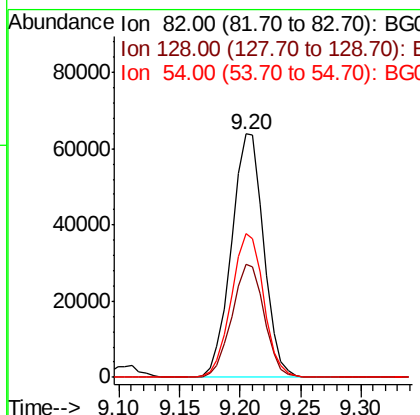
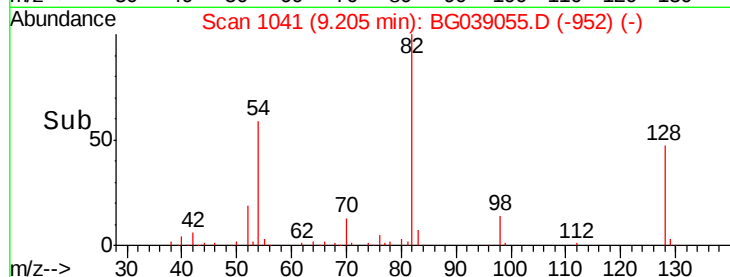
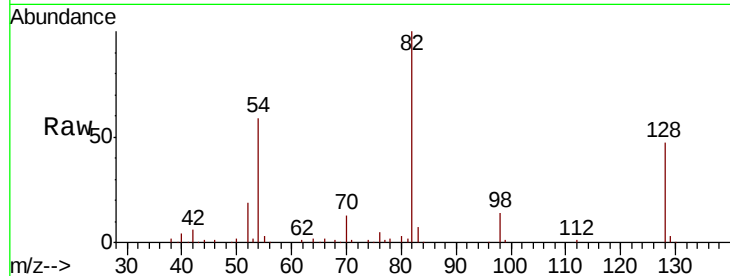
#23  
Nitrobenzene-d5  
Concen: 62.823 ng  
RT: 9.20 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion   | 82   | Resp  | 119112 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 46.5 | 37.3  | 55.9   |
| 54        | 59.1 | 46.4  | 69.6   |

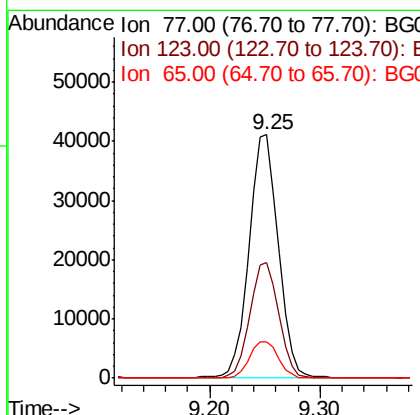
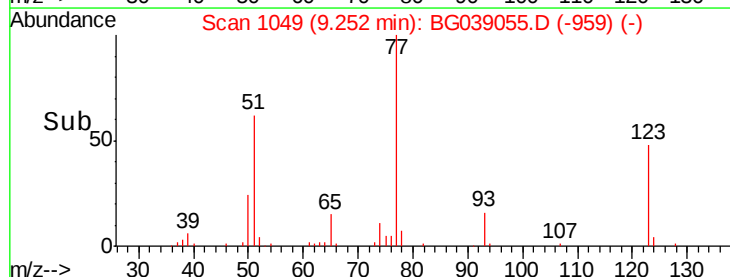
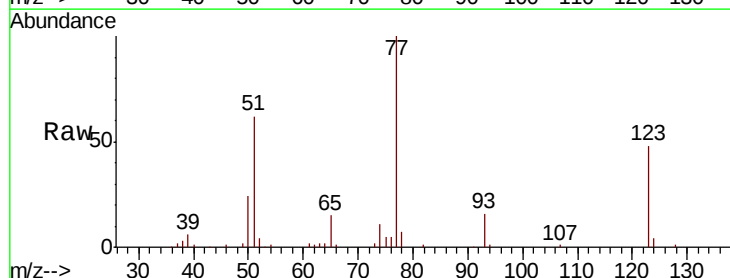
Manual Integrations  
APPROVED

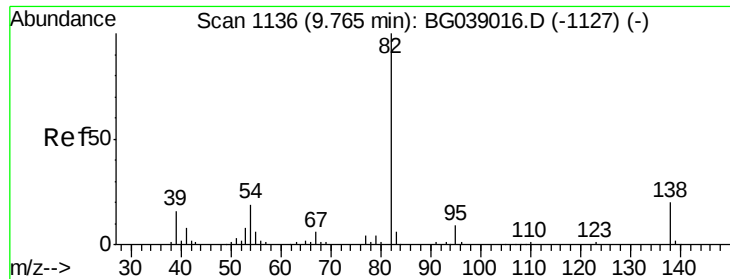
Sohil  
1/11/2019 4:44:27 PM



#24  
Nitrobenzene  
Concen: 40.005 ng  
RT: 9.25 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion   | 77   | Resp  | 76666 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 100  |       |       |
| 123       | 47.6 | 37.6  | 56.4  |
| 65        | 15.0 | 11.0  | 16.6  |





#25

Isophorone

Concen: 47.285 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

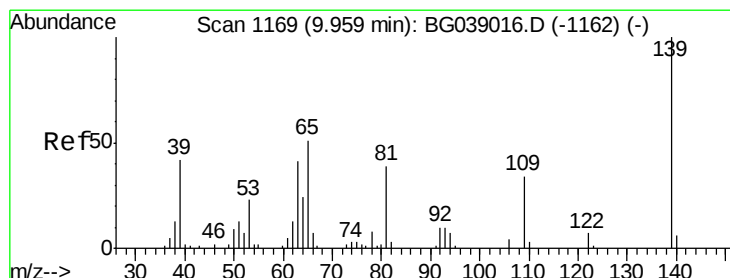
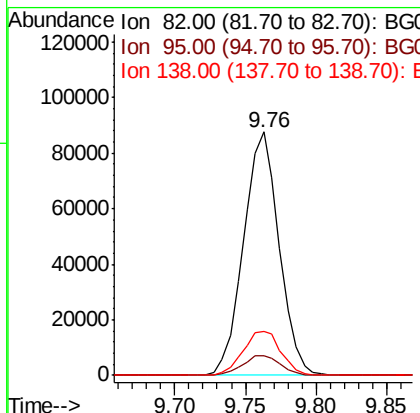
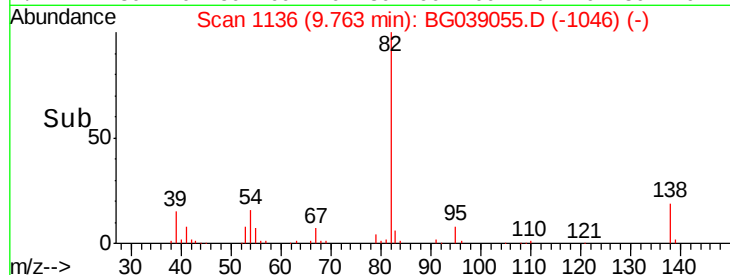
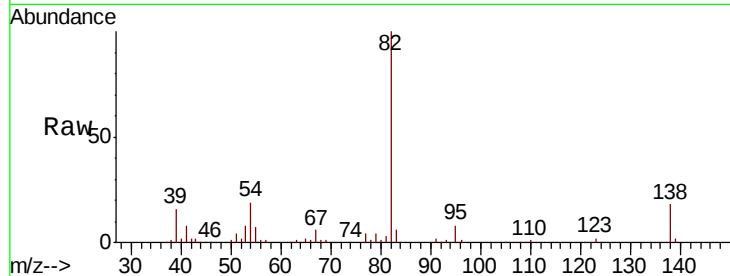
ClientSampleId :

PB116291BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 154430 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 8.1   | 7.0   | 10.6   |
| 138      | 18.1  | 16.2  | 24.4   |

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#26

2-Nitrophenol

Concen: 42.698 ng

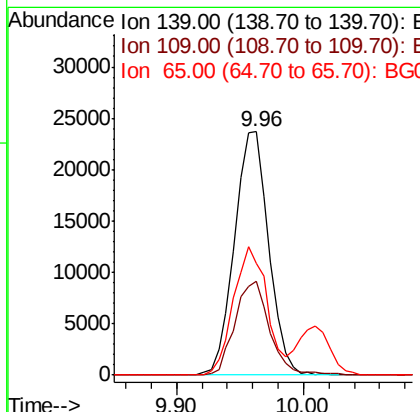
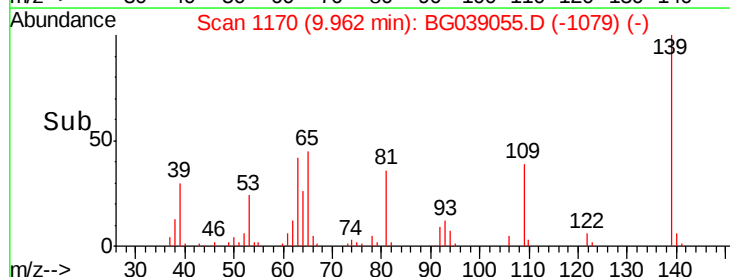
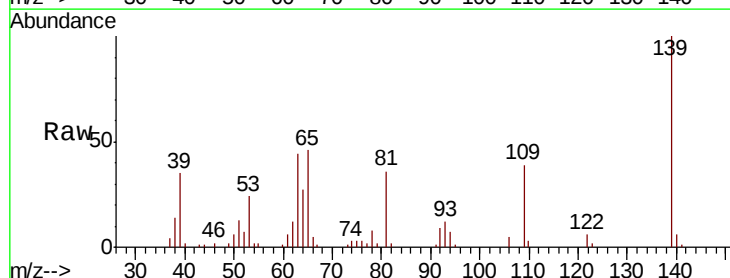
RT: 9.96 min Scan# 1170

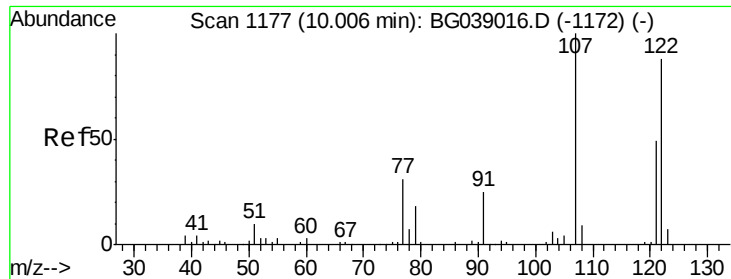
Delta R.T. 0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 44259 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 38.6  | 27.3  | 40.9  |
| 65       | 45.9  | 40.6  | 61.0  |





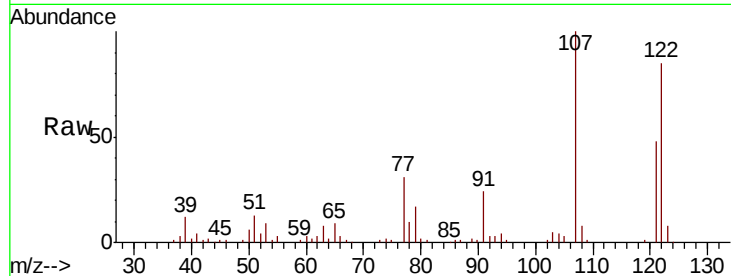
#27  
2,4-Dimethylphenol  
Concen: 54.160 ng  
RT: 10.01 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.3 | 88.8  | 133.2 |
| 121     | 56.9  | 43.1  | 64.7  |

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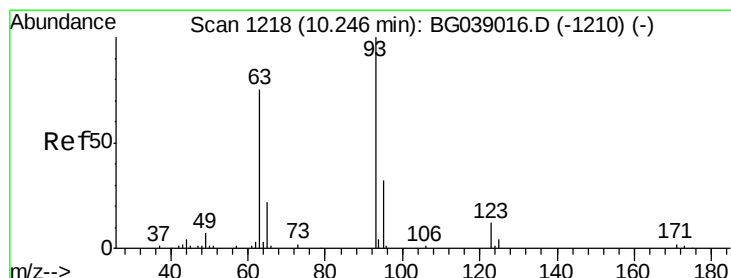
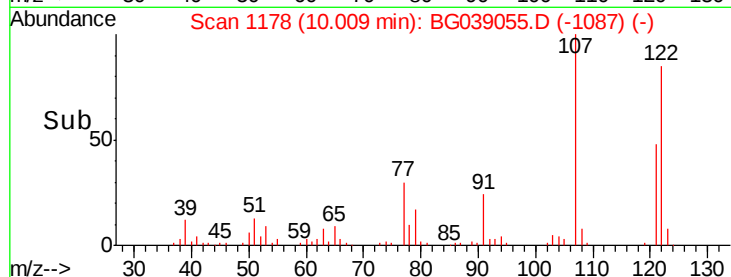
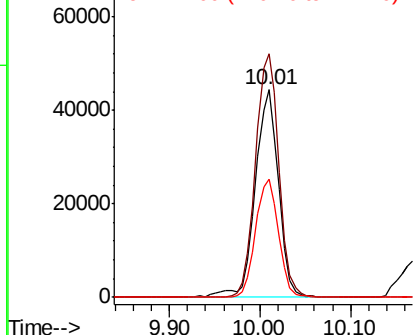


Abundance

Ion 122.00 (121.70 to 122.70): E

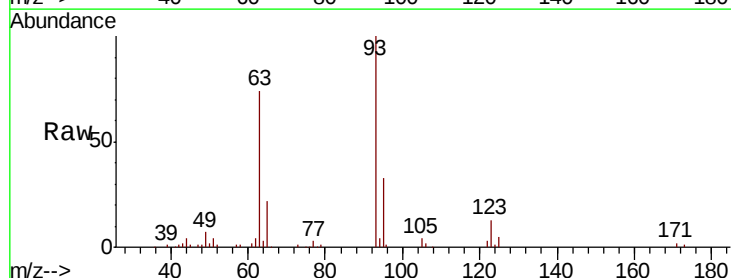
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.778 ng  
RT: 10.24 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.6  | 38.4  |
| 123     | 12.7  | 10.1  | 15.1  |

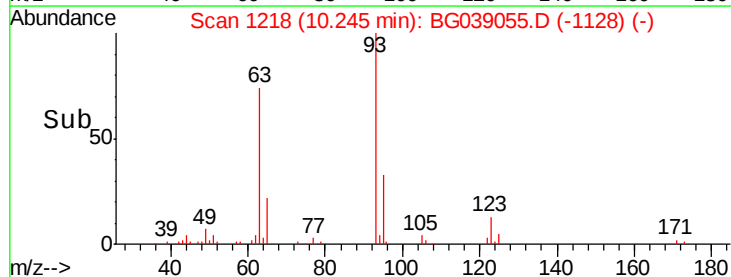
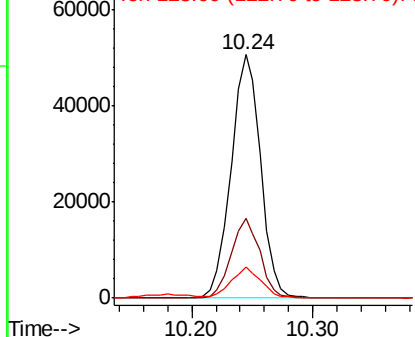


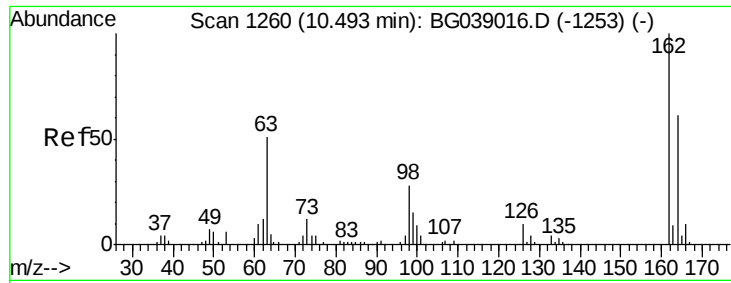
Abundance

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





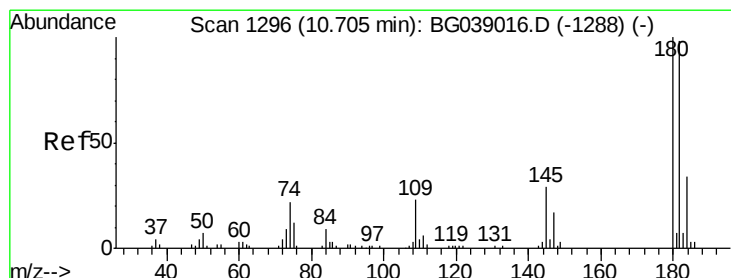
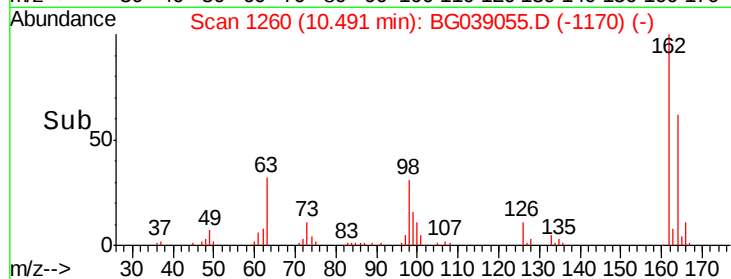
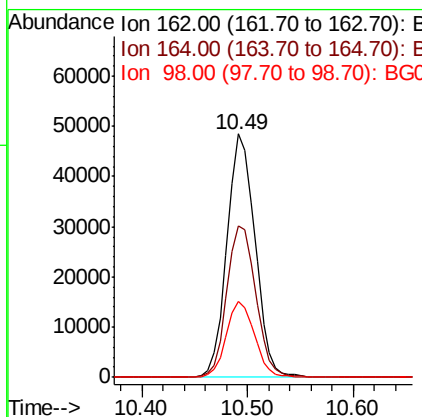
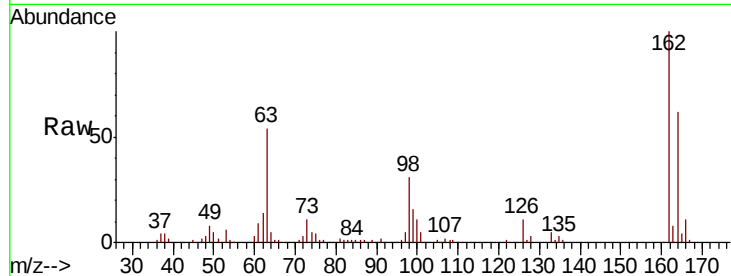
#29  
 2,4-Dichlorophenol  
 Concen: 49.329 ng  
 RT: 10.49 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.0  | 41.3  | 81.3  |
| 98      | 31.3  | 8.3   | 48.3  |

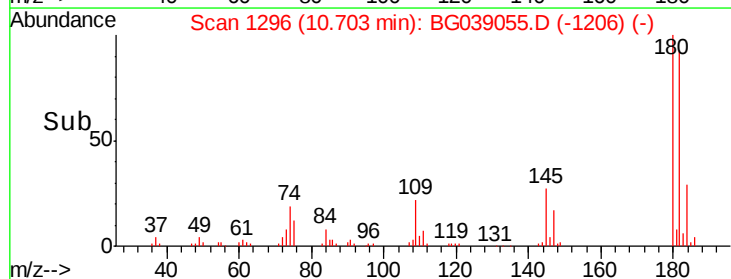
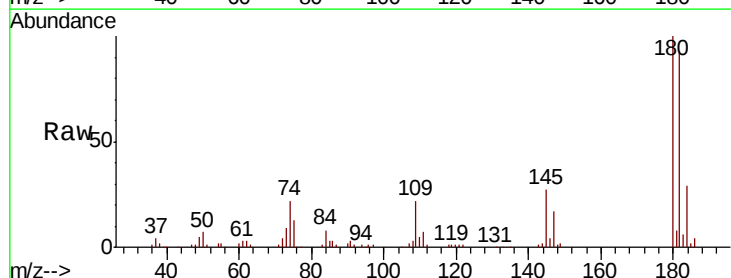
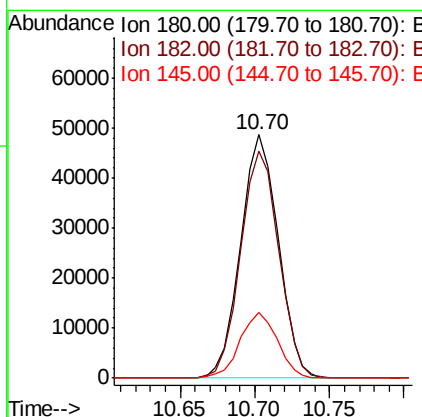
Manual Integrations  
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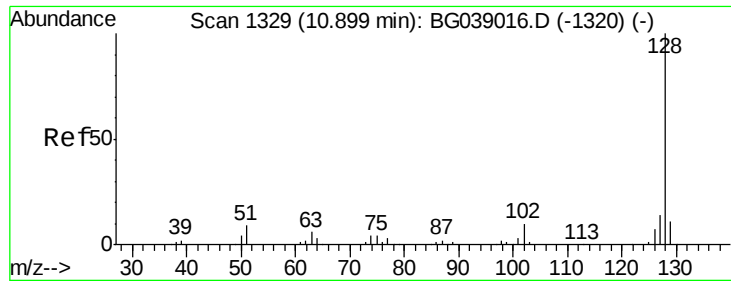
Sohil  
 1/11/2019 4:44:27 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.037 ng  
 RT: 10.70 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.3  | 78.1  | 117.1 |
| 145     | 26.8  | 23.1  | 34.7  |





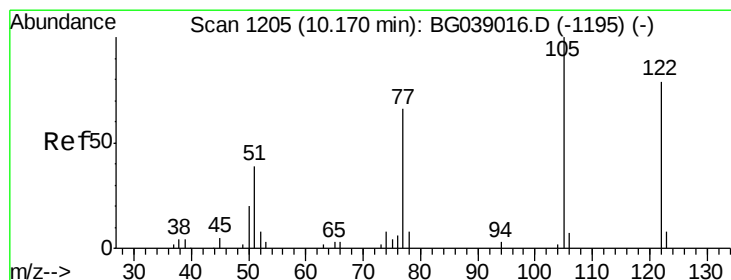
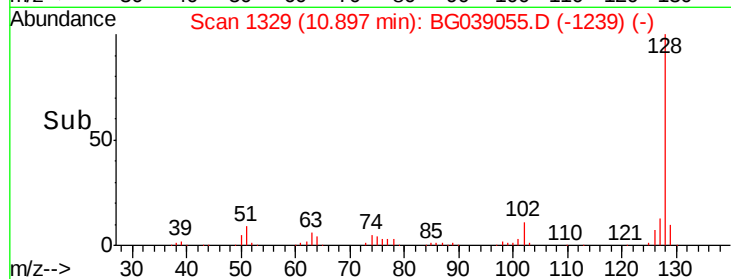
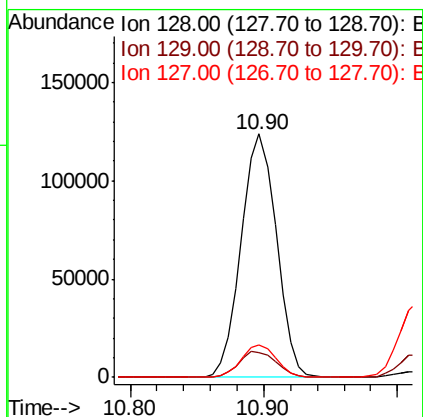
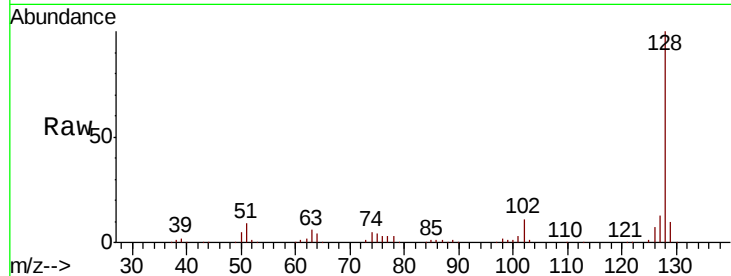
#31  
Naphthalene  
Concen: 43.630 ng  
RT: 10.90 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.1   | 13.7  |
| 127     | 13.2  | 11.2  | 16.8  |

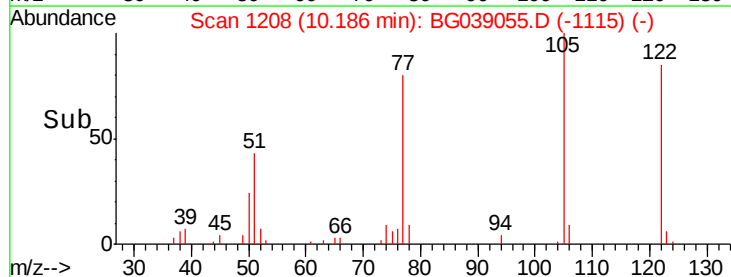
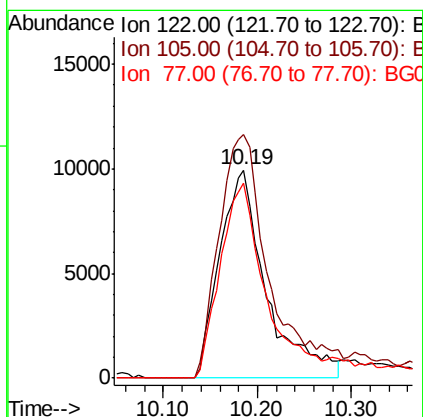
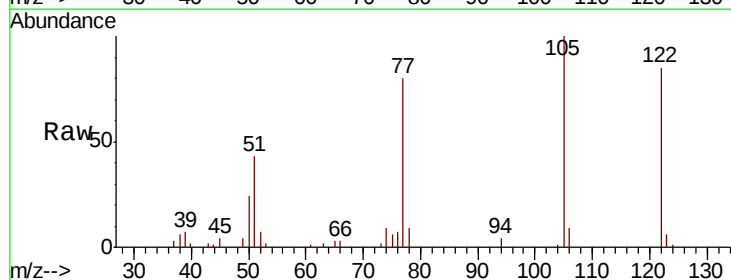
Manual Integrations  
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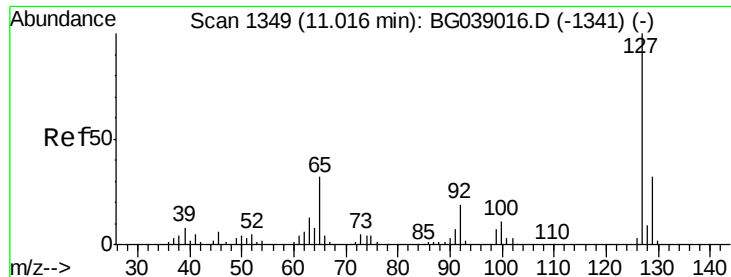
Sohil  
1/11/2019 4:44:27 PM



#32  
Benzoic acid  
Concen: 40.286 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. 0.02 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.1 | 106.4 | 146.4 |
| 77      | 93.9  | 63.6  | 103.6 |





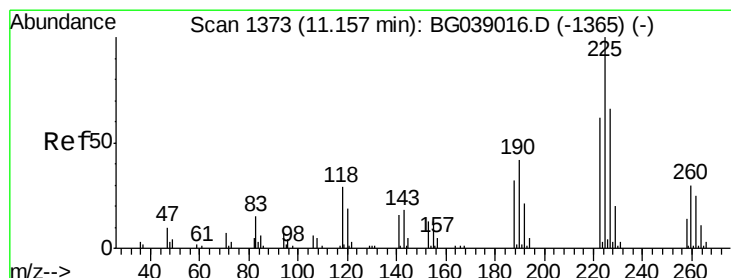
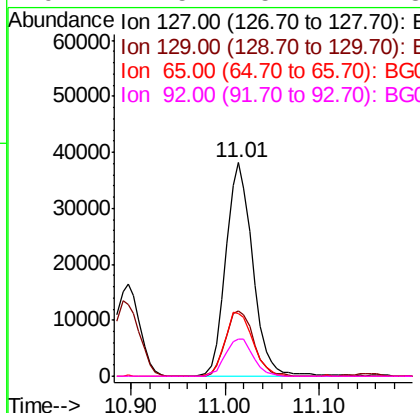
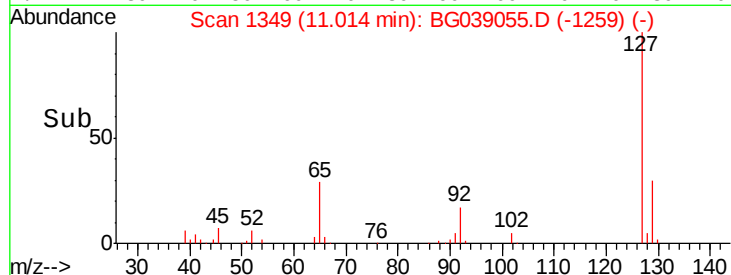
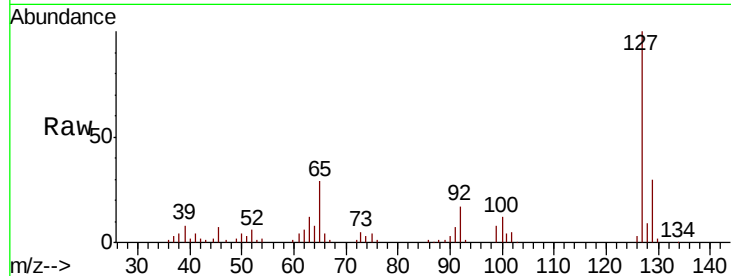
#33  
4-Chloroaniline  
Concen: 32.551 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.3  | 25.4  | 38.0  |
| 65      | 29.5  | 25.4  | 38.0  |
| 92      | 17.5  | 15.2  | 22.8  |

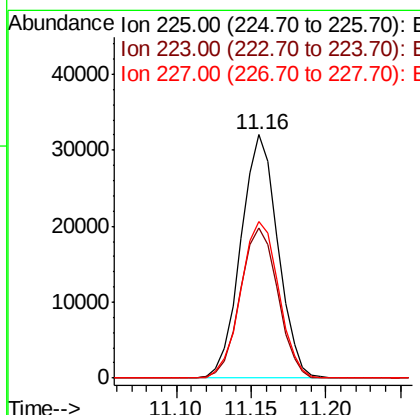
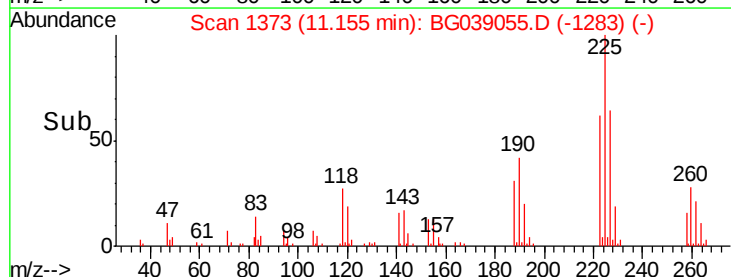
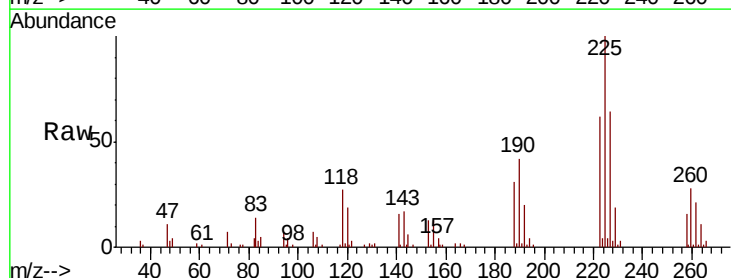
Manual Integrations  
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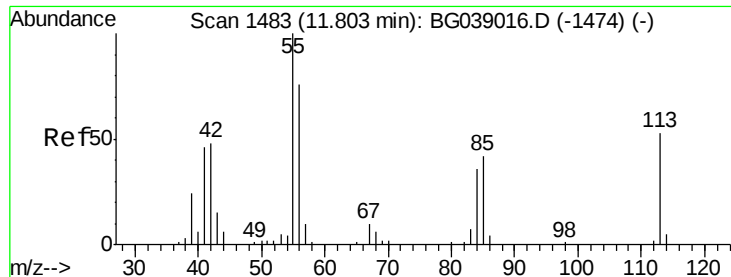
Sohil  
1/11/2019 4:44:27 PM



#34  
Hexachlorobutadiene  
Concen: 36.659 ng  
RT: 11.16 min Scan# 1373  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.4  | 50.2  | 75.4  |
| 227     | 67.1  | 53.2  | 79.8  |





#35

Caprolactam

Concen: 42.905 ng/mL

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

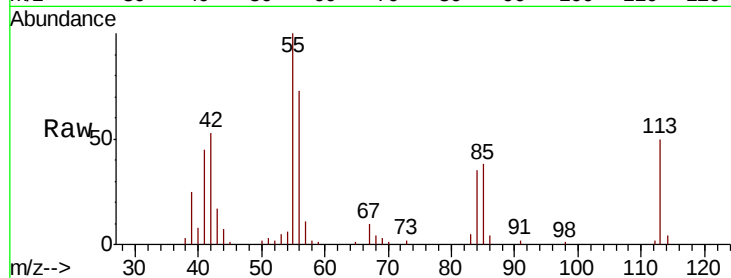
ClientSampled :

PB116291BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 31170 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 199.5 | 168.6 | 208.6 |
| 56       | 145.2 | 123.2 | 163.2 |

Manual Integrations  
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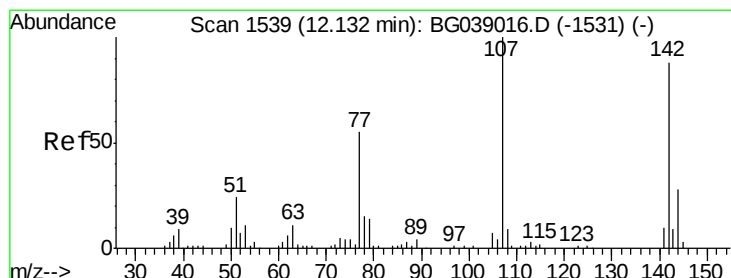
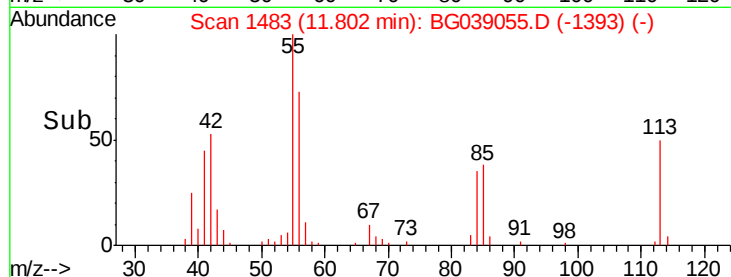
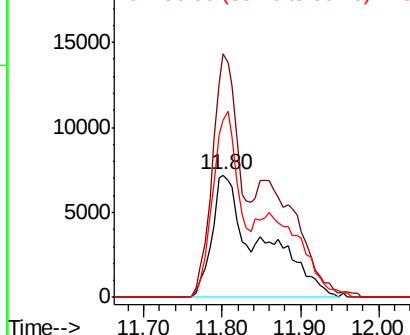


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.859 ng/mL

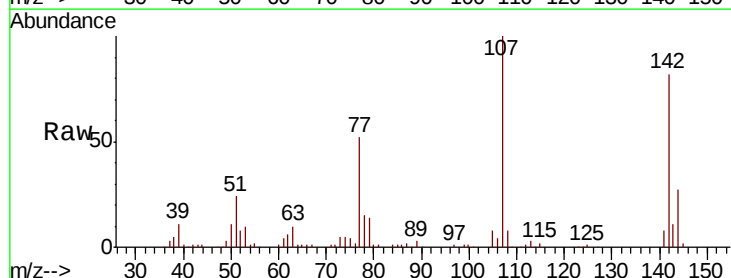
RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 94675 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 26.9  | 22.6  | 34.0  |
| 142      | 81.7  | 70.2  | 105.4 |

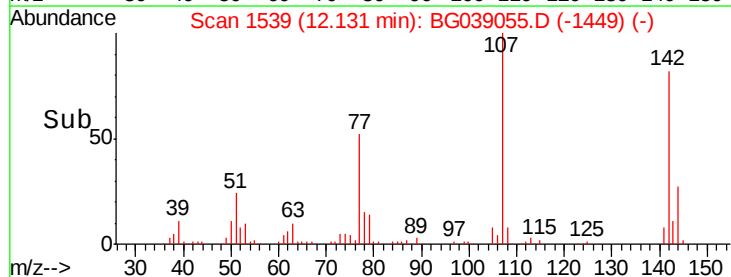
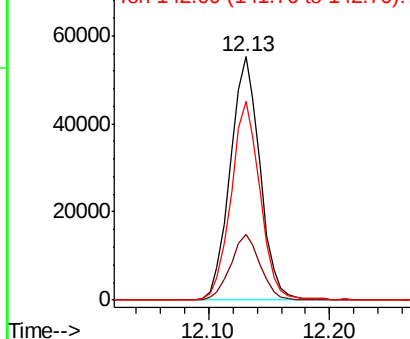


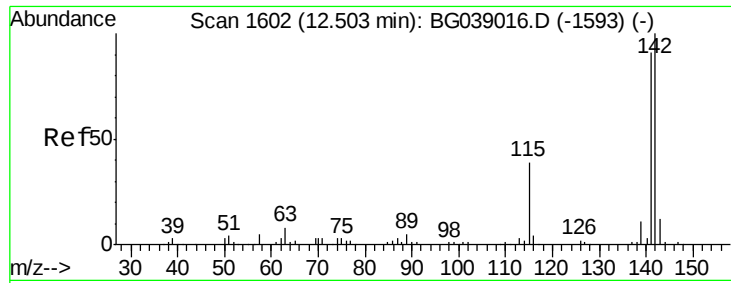
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





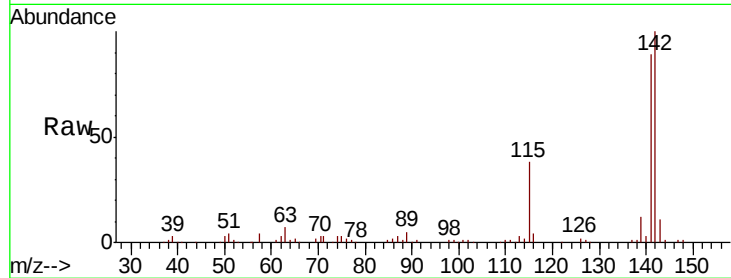
#37  
2-Methylnaphthalene  
Concen: 48.065 ng  
RT: 12.50 min Scan# 1602  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 72.6  | 109.0 |
| 115     | 37.7  | 31.1  | 46.7  |

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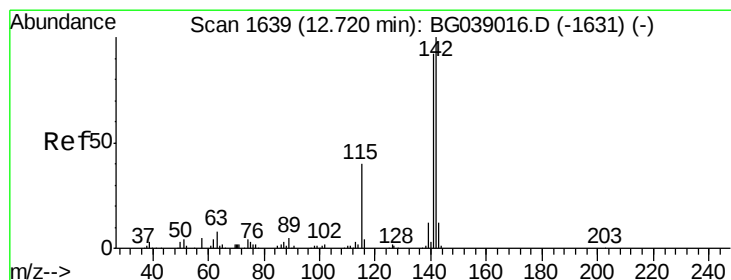
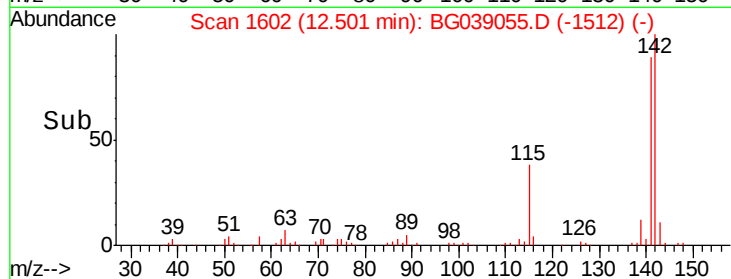
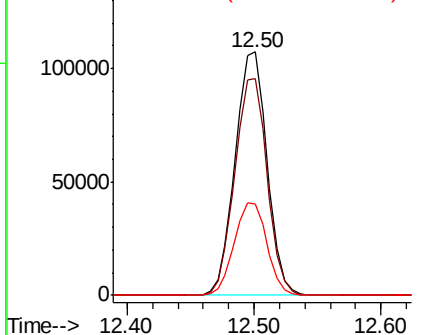


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 47.645 ng  
RT: 12.72 min Scan# 1639  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

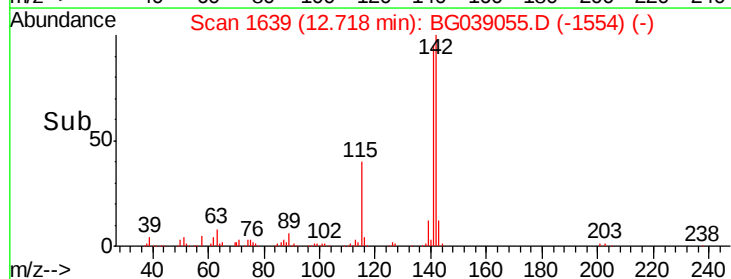
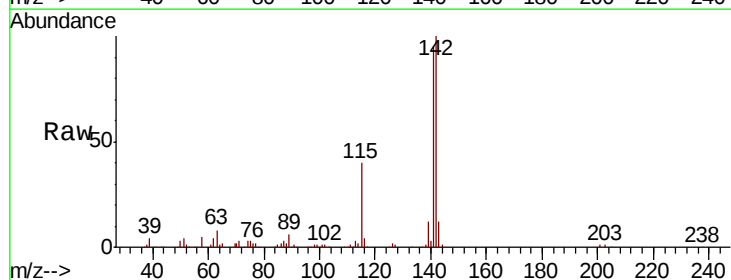
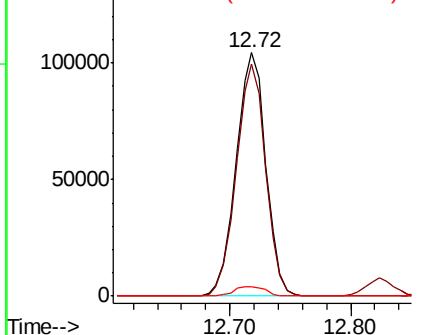
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.3  | 73.3  | 109.9 |
| 116     | 4.0   | 3.1   | 4.7   |

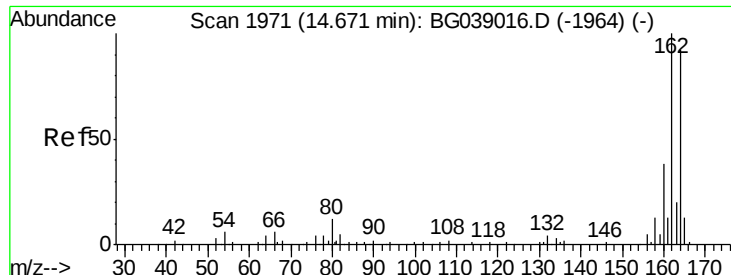
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





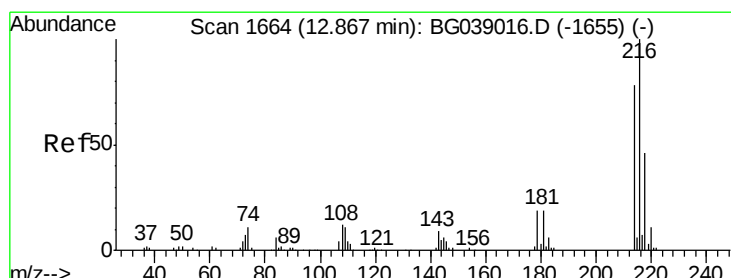
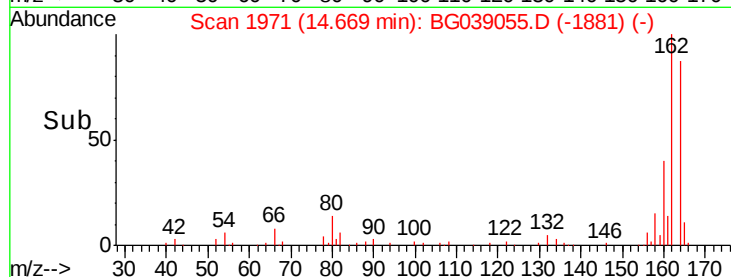
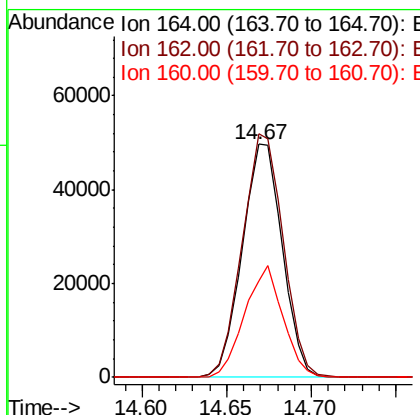
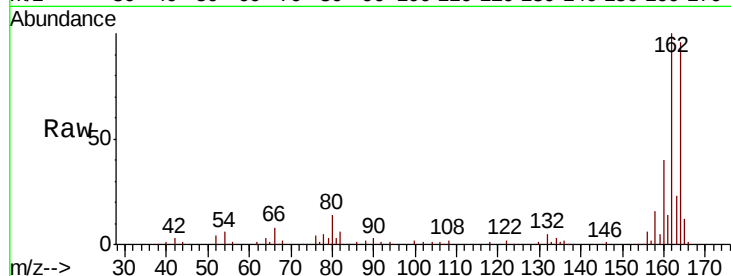
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.5 | 87.2  | 130.8 |
| 160     | 41.4  | 33.3  | 49.9  |

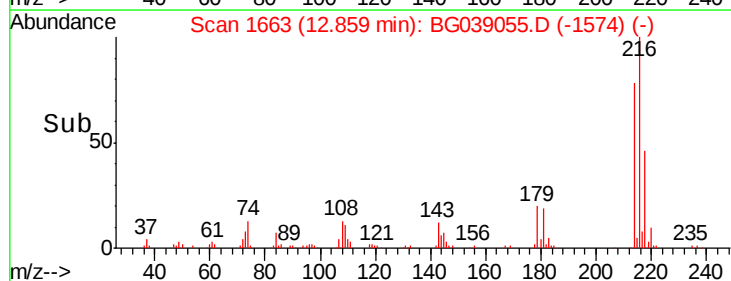
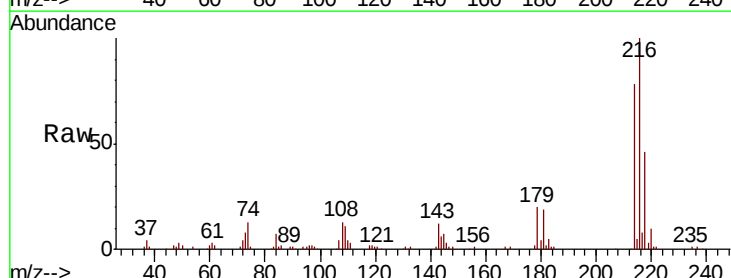
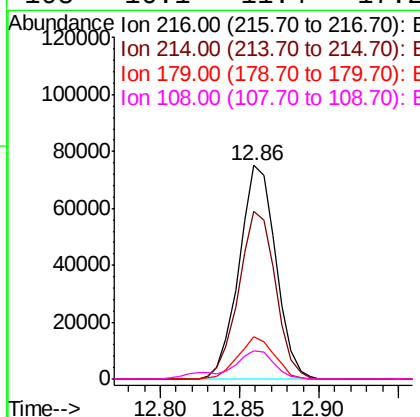
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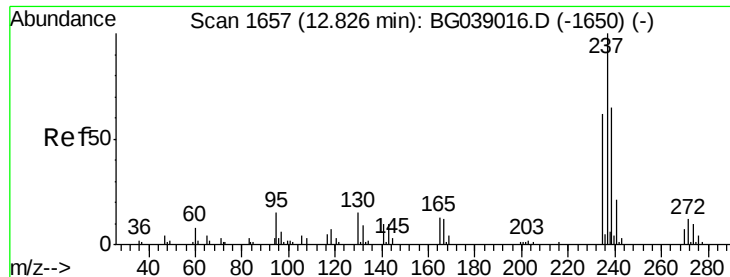
Sohil  
1/11/2019 4:44:27 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.253 ng  
RT: 12.86 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 63.4  | 95.2  |
| 179     | 19.4  | 15.5  | 23.3  |
| 108     | 16.1  | 11.4  | 17.2  |





#41

Hexachlorocyclopentadiene

Concen: 70.381 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

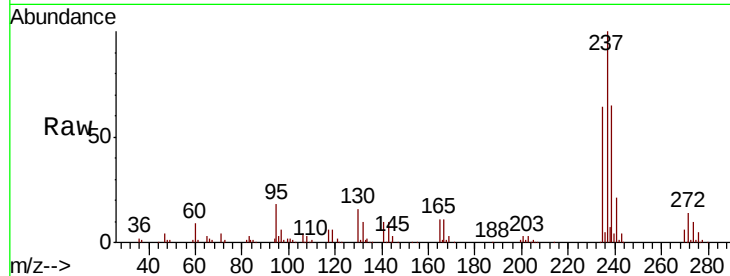
ClientSampled :

PB116291BS

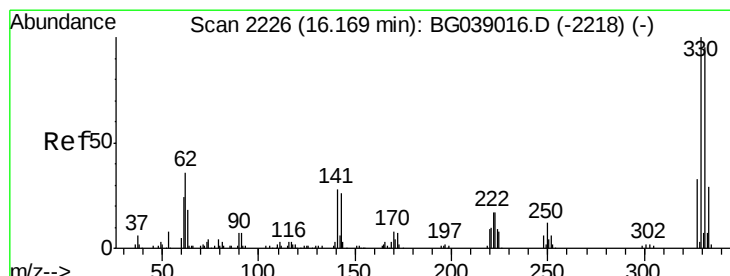
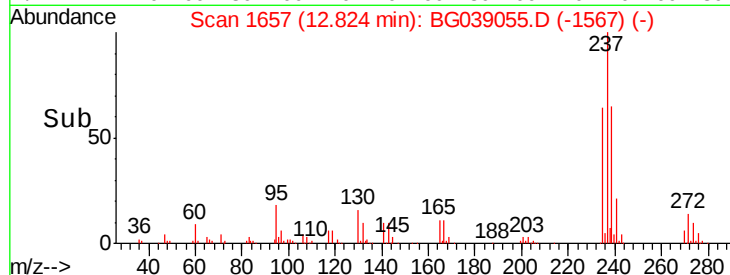
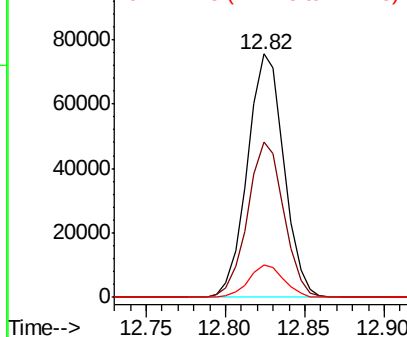
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 120755 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.7  | 41.7  | 81.7   |
| 272       | 13.5  | 0.0   | 32.1   |

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



#42

2,4,6-Tribromophenol

Concen: 119.376 ng

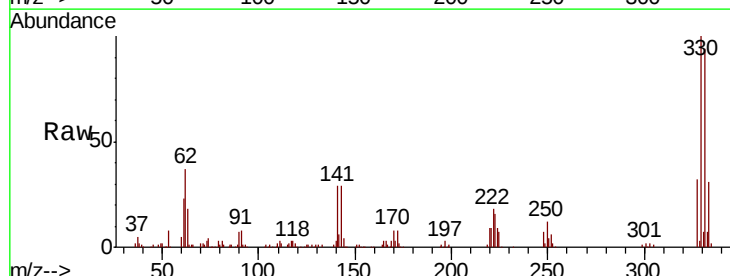
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

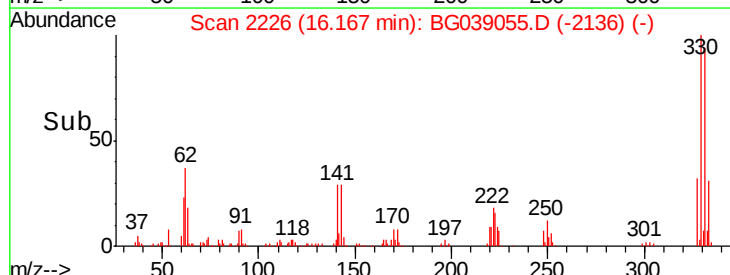
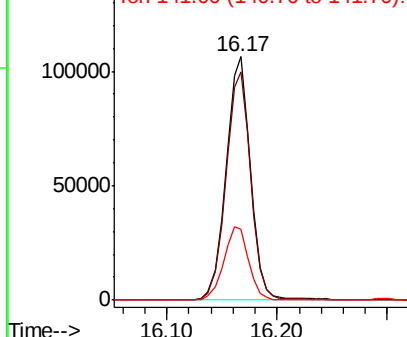
Lab File: BG039055.D

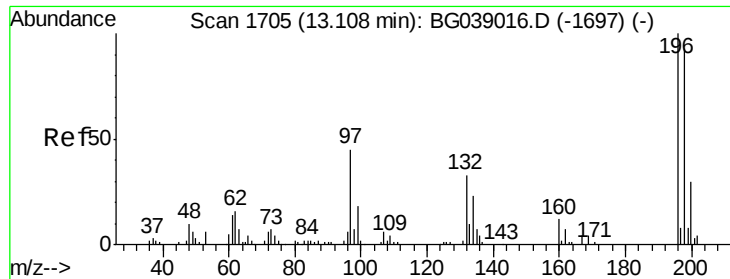
Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 164050 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.4  | 75.7  | 113.5  |
| 141       | 30.6  | 24.9  | 37.3   |



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





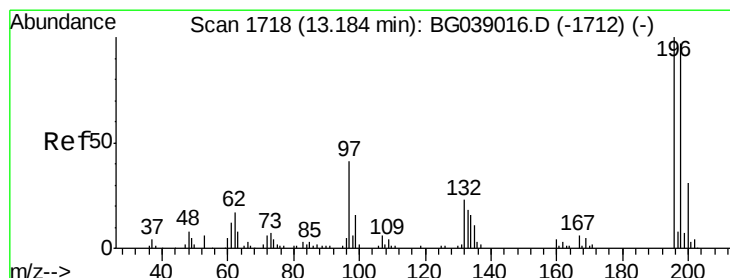
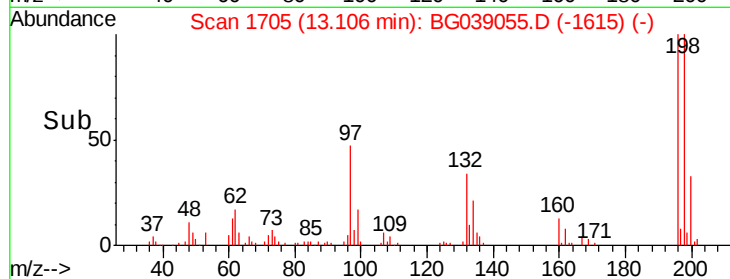
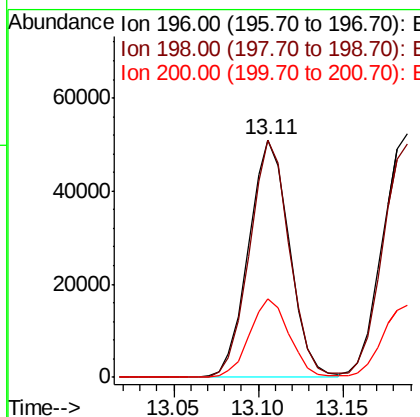
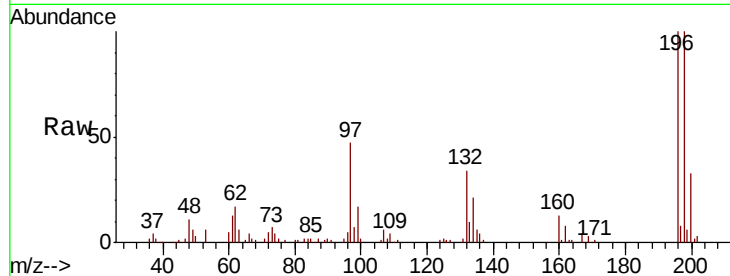
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.182 ng  
 RT: 13.11 min Scan# 1705  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 85614 |       |       |
| 198     | 99.7  | 74.5  | 111.7 |       |
| 200     | 32.8  | 23.8  | 35.6  |       |

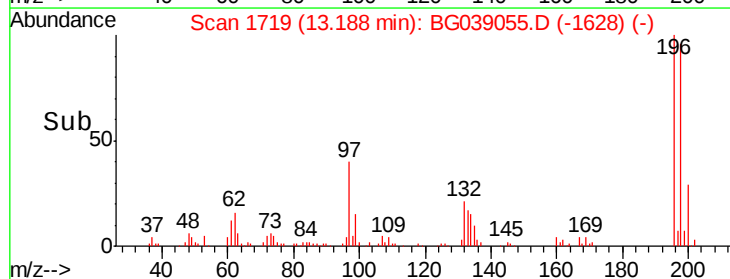
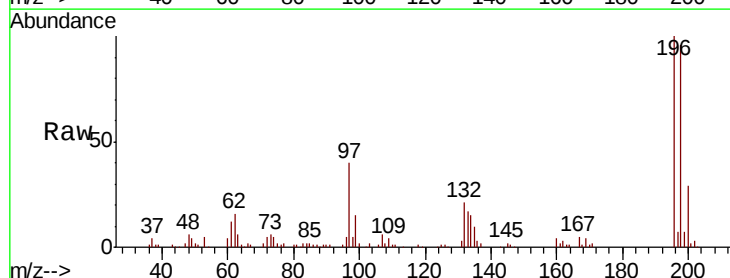
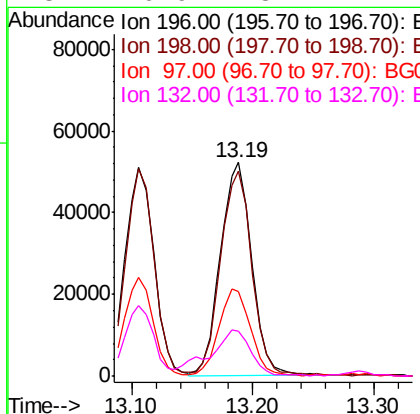
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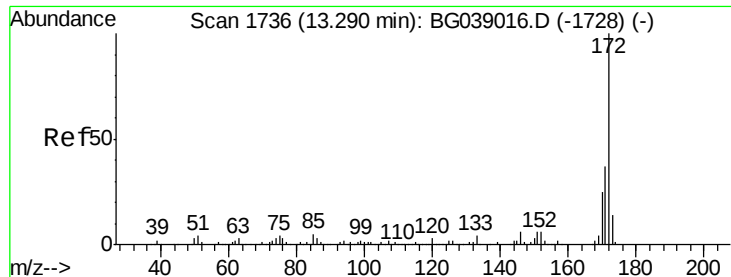
Sohil  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.469 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 93123 |       |       |
| 198     | 95.8  | 78.1  | 117.1 |       |
| 97      | 39.5  | 33.2  | 49.8  |       |
| 132     | 20.9  | 18.2  | 27.4  |       |





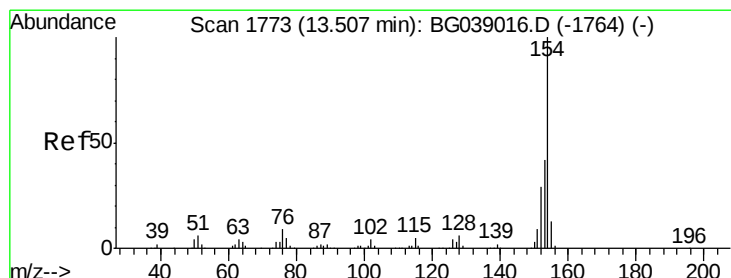
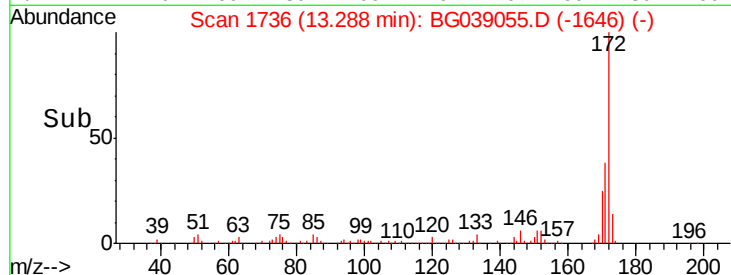
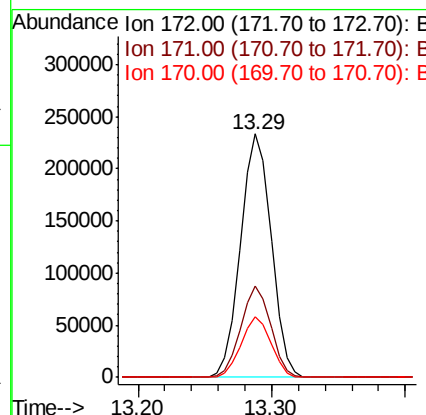
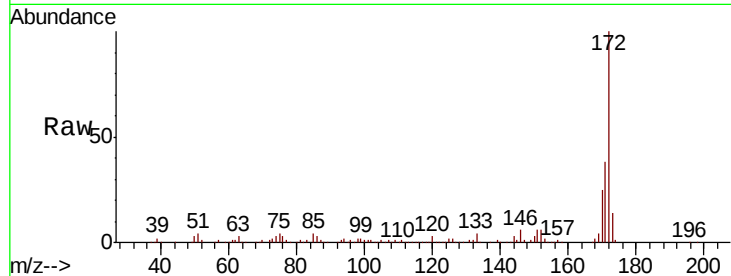
#45  
2-Fluorobiphenyl  
Concen: 61.899 ng  
RT: 13.29 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.6  | 29.4  | 44.0  |
| 170     | 25.1  | 20.1  | 30.1  |

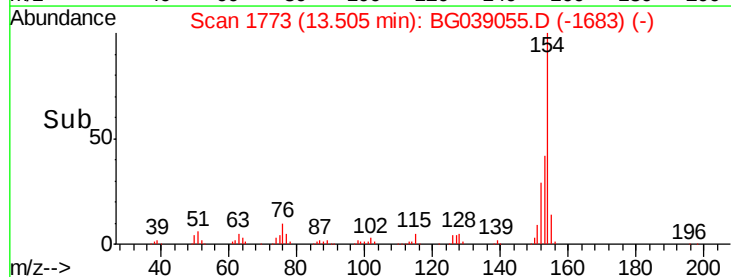
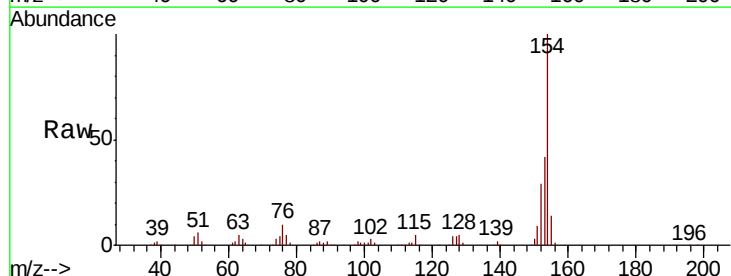
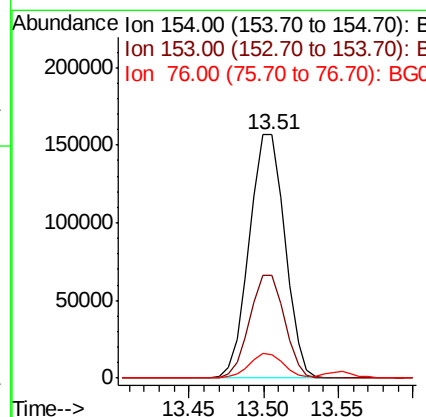
Manual Integrations  
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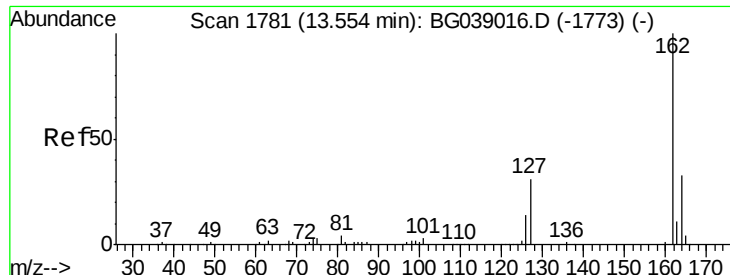
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1/11/2019 4:44:27 PM



#46  
1,1'-Biphenyl  
Concen: 39.801 ng  
RT: 13.51 min Scan# 1773  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.1  | 22.4  | 62.4  |
| 76      | 9.5   | 0.0   | 29.4  |





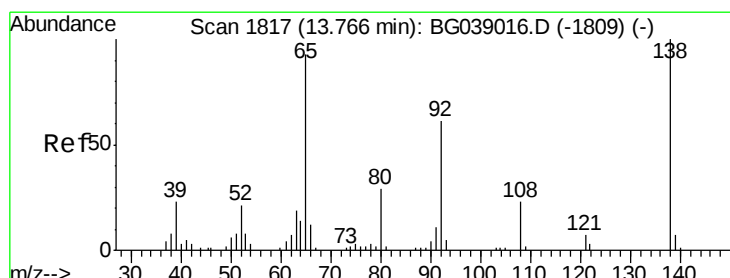
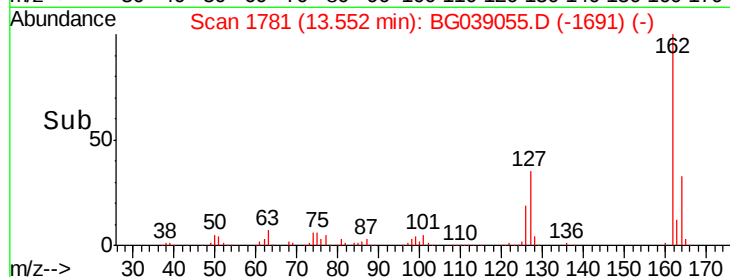
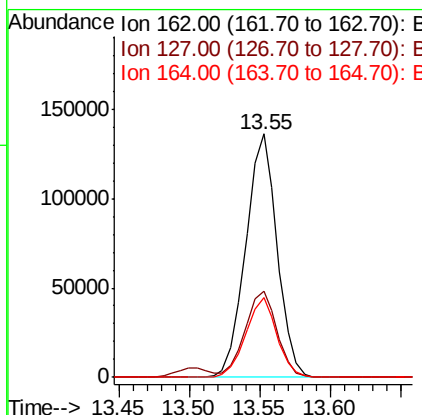
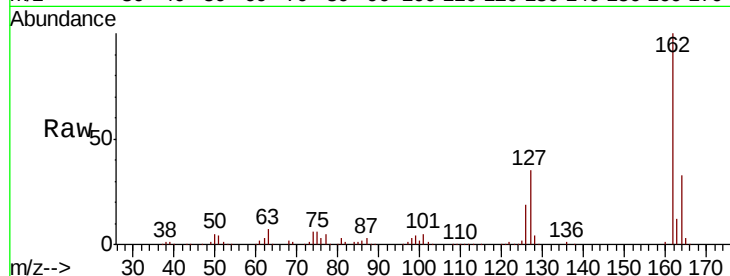
#47  
 2-Chloronaphthalene  
 Concen: 40.333 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.2  | 28.4  | 42.6  |
| 164     | 32.7  | 26.3  | 39.5  |

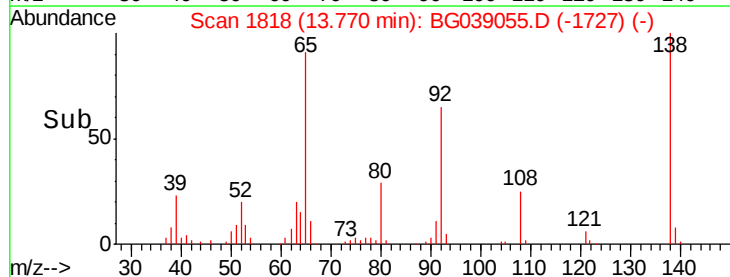
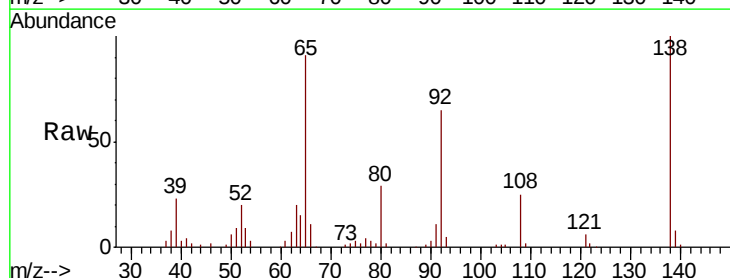
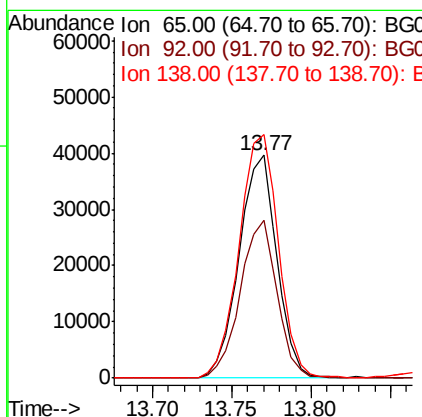
Manual Integrations  
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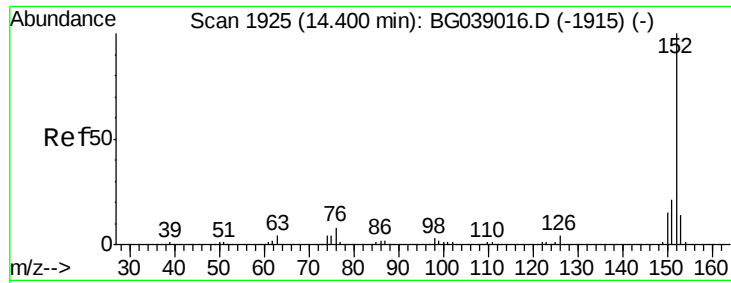
Sohil  
 1/11/2019 4:44:27 PM



#48  
 2-Nitroaniline  
 Concen: 44.489 ng  
 RT: 13.77 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.7  | 52.2  | 78.4  |
| 138     | 109.3 | 86.0  | 129.0 |





#49

Acenaphthylene

Concen: 44.607 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

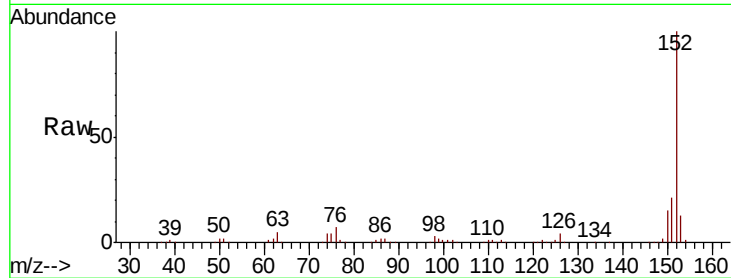
ClientSampleId :

PB116291BS

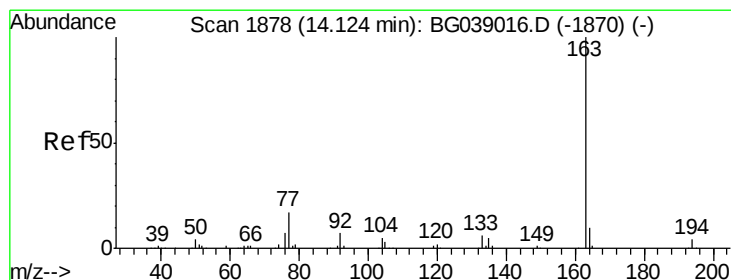
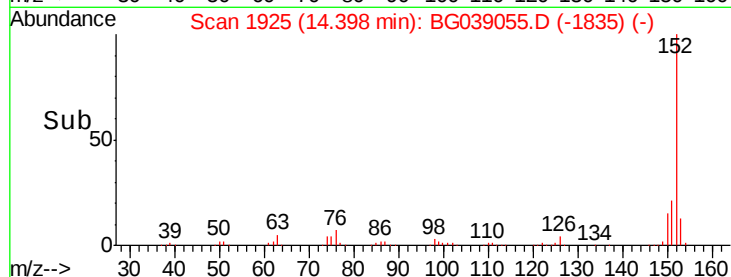
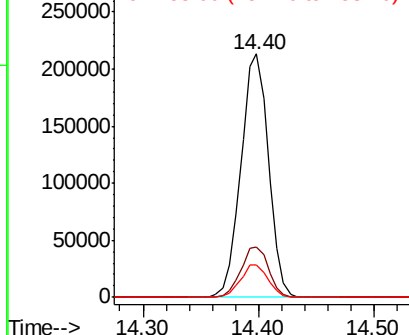
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 352450 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.9  | 17.0  | 25.4   |
| 153       | 13.4  | 11.2  | 16.8   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.773 ng

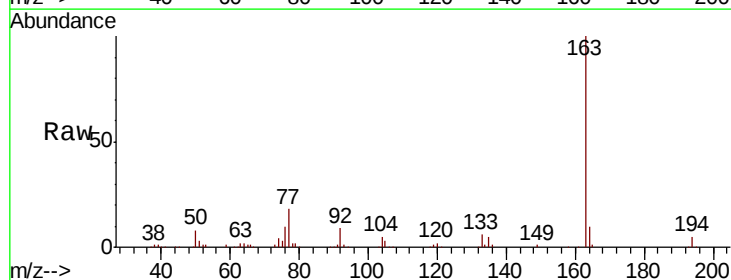
RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

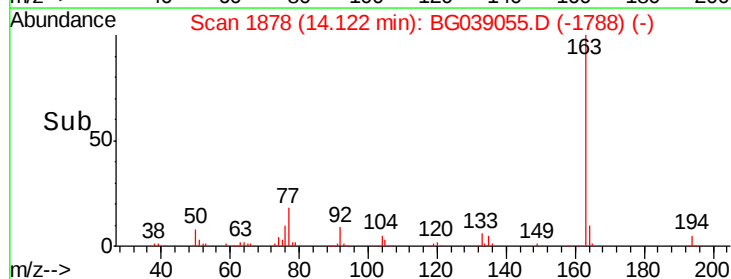
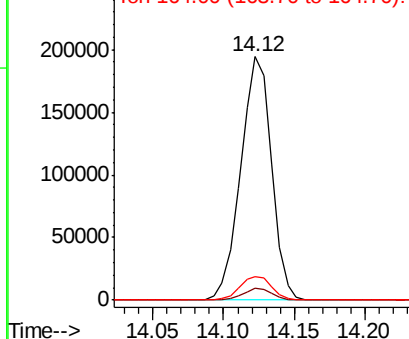
Lab File: BG039055.D

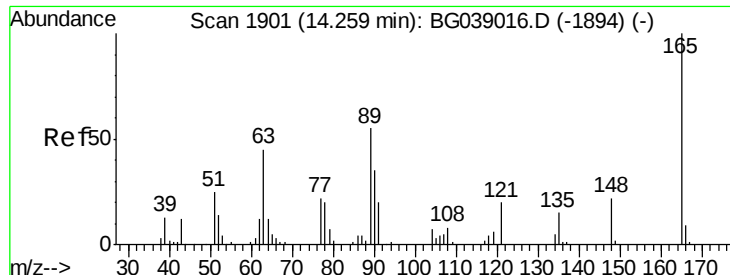
Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 296318 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.7   | 3.6   | 5.4    |
| 164       | 9.9   | 8.2   | 12.2   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





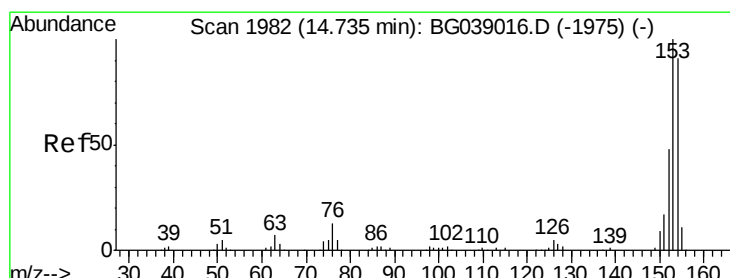
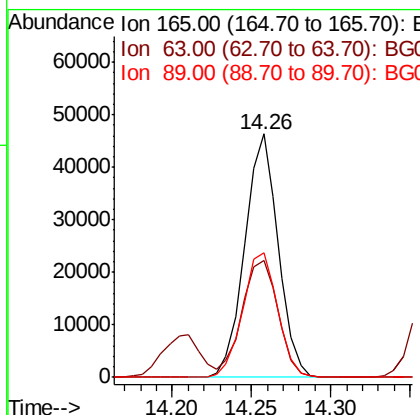
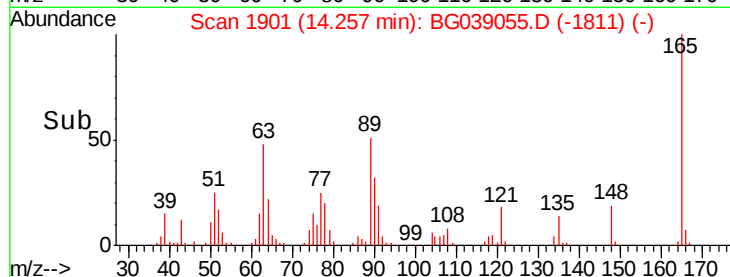
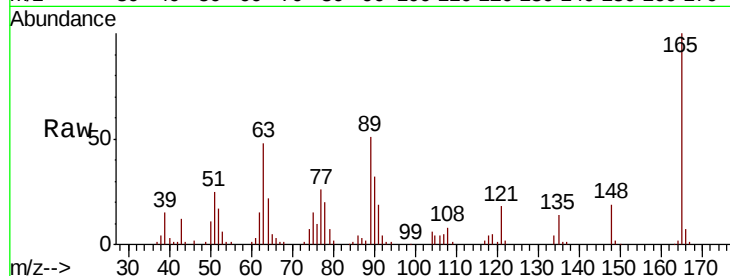
#51  
 2,6-Dinitrotoluene  
 Concen: 43.709 ng  
 RT: 14.26 min Scan# 1901  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.0  | 43.6  | 65.4  |
| 89      | 51.3  | 43.7  | 65.5  |

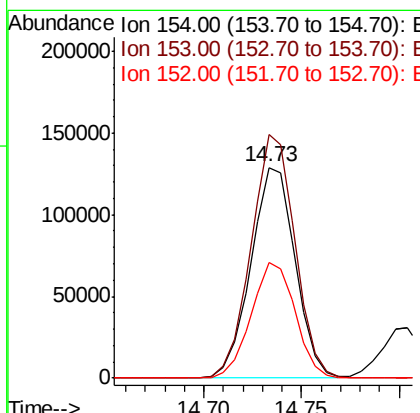
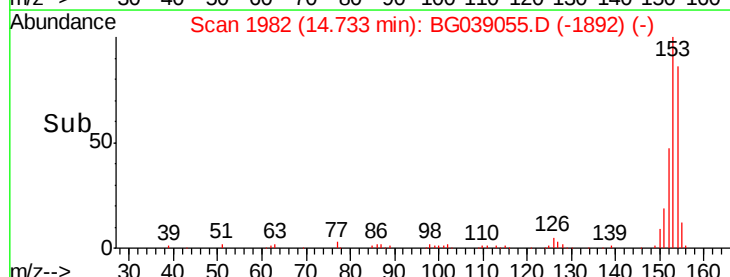
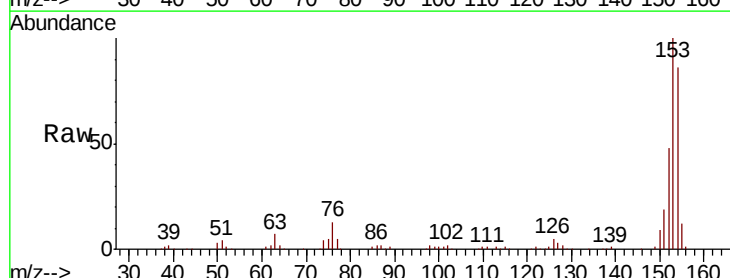
Manual Integrations  
 APPROVED

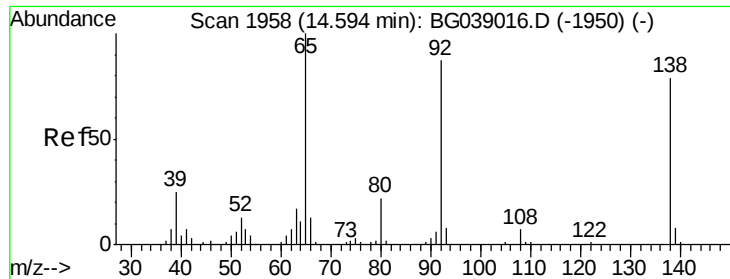
Sohil  
 1/11/2019 4:44:27 PM



#52  
 Acenaphthene  
 Concen: 42.612 ng  
 RT: 14.73 min Scan# 1982  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.6 | 87.9  | 131.9 |
| 152     | 55.1  | 42.2  | 63.2  |





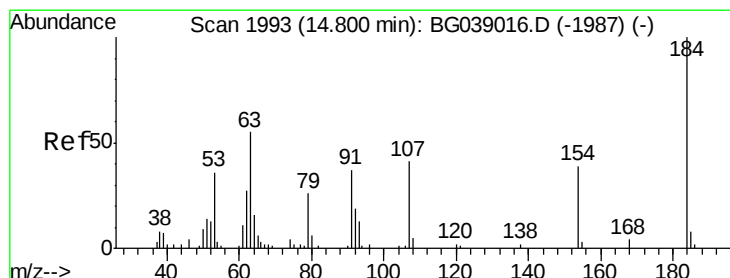
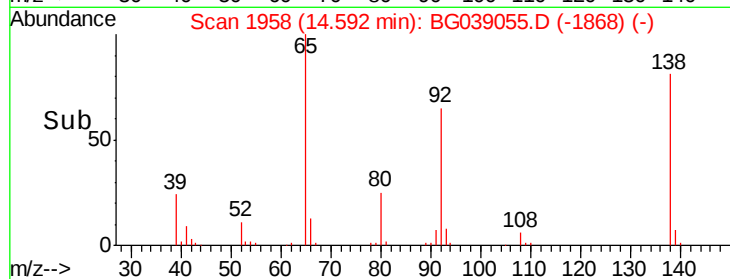
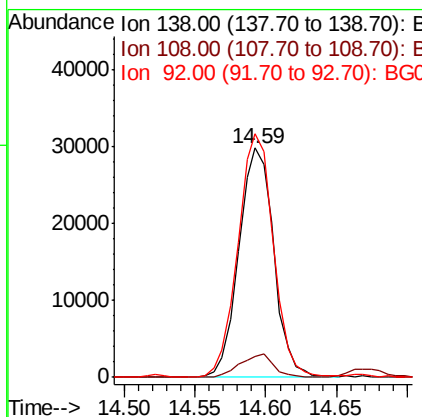
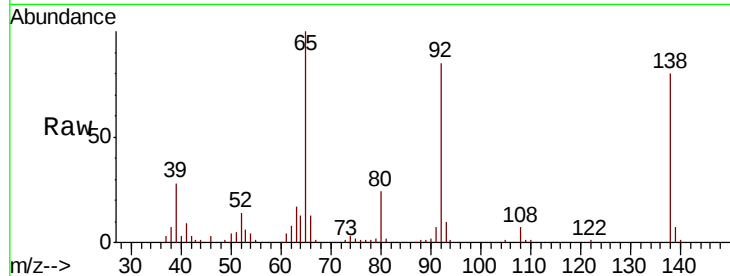
#53  
3-Nitroaniline  
Concen: 32.814 ng  
RT: 14.59 min Scan# 1958  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.0   | 7.4   | 11.0  |
| 92      | 106.2 | 88.2  | 132.4 |

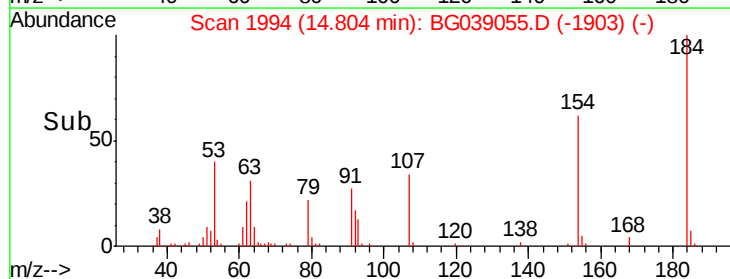
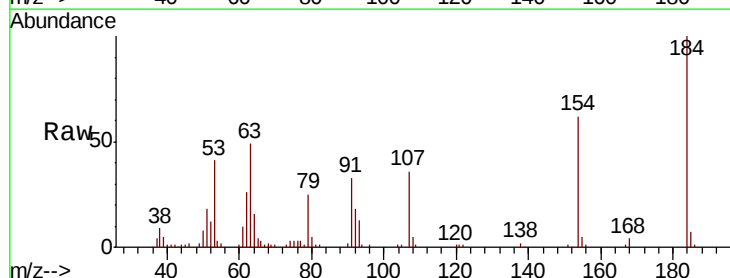
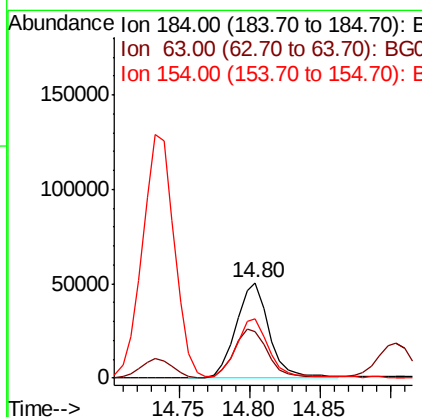
Manual Integrations  
APPROVED

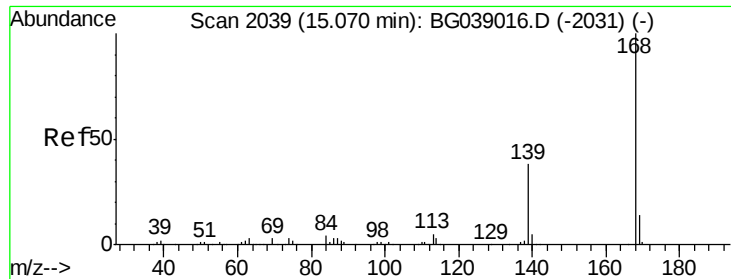
Sohil  
1/11/2019 4:44:27 PM



#54  
2,4-Dinitrophenol  
Concen: 88.911 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 49.3  | 44.0  | 66.0  |
| 154     | 61.8  | 46.1  | 69.1  |





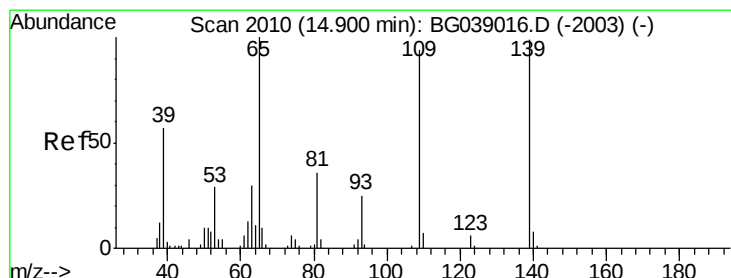
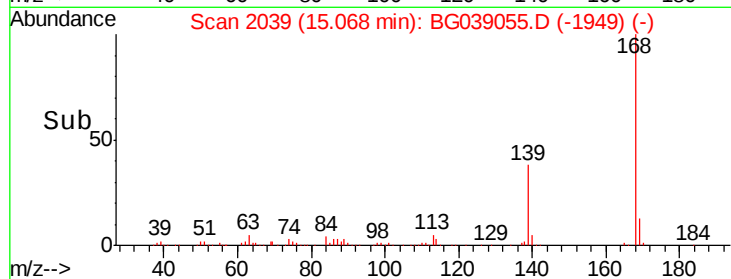
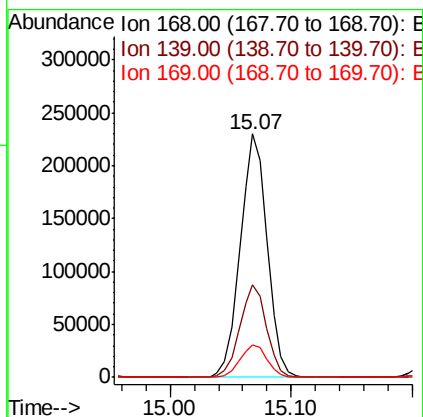
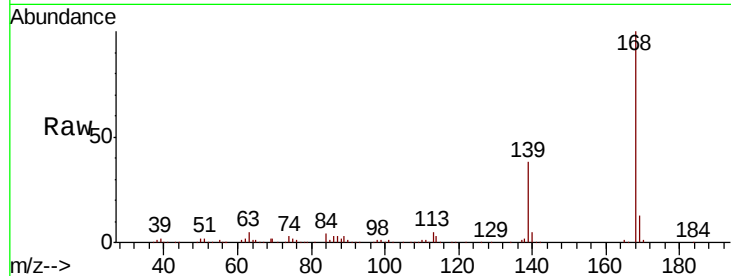
#55  
Dibenzenofuran  
Concen: 42.368 ng  
RT: 15.07 min Scan# 2039  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.9  | 30.1  | 45.1  |
| 169     | 13.3  | 10.9  | 16.3  |

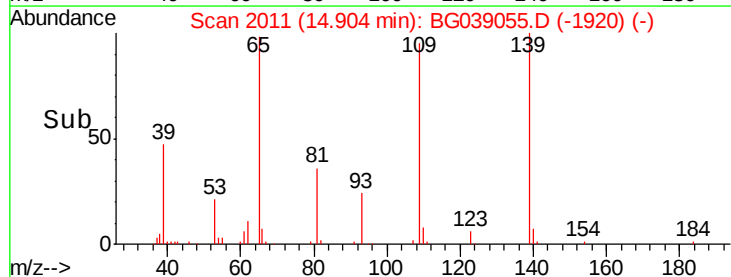
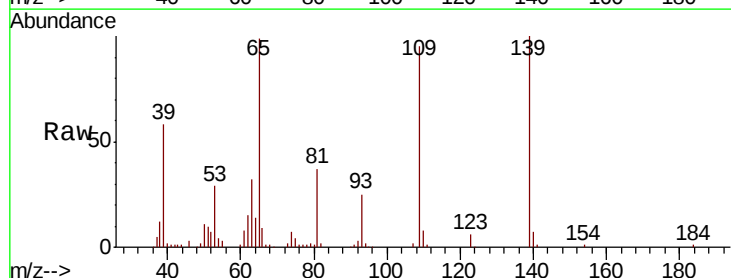
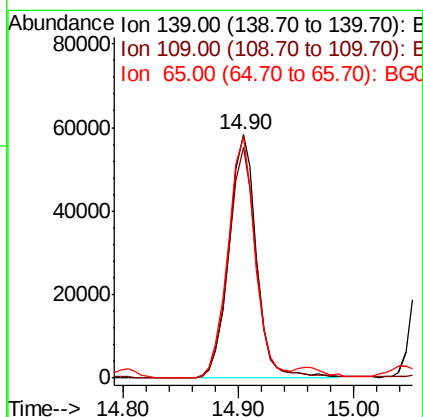
Manual Integrations  
APPROVED

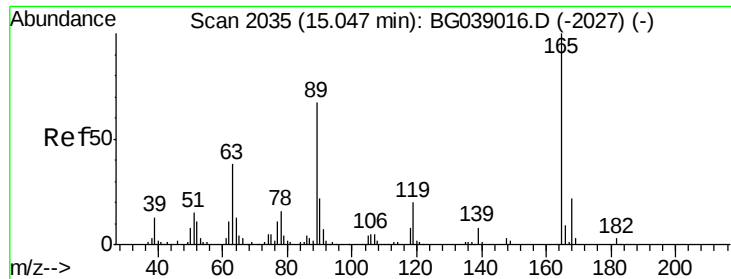
Sohil  
1/11/2019 4:44:27 PM



#56  
4-Nitrophenol  
Concen: 85.142 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 95.0  | 75.6  | 115.6 |
| 65      | 99.1  | 81.2  | 121.2 |





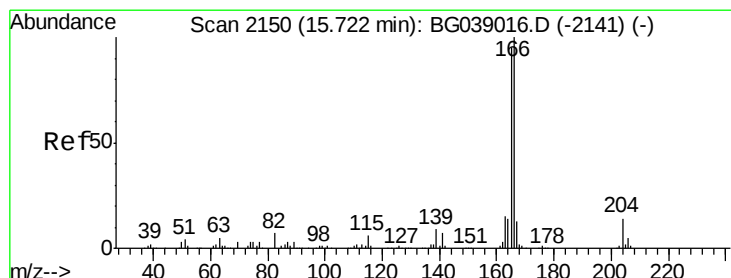
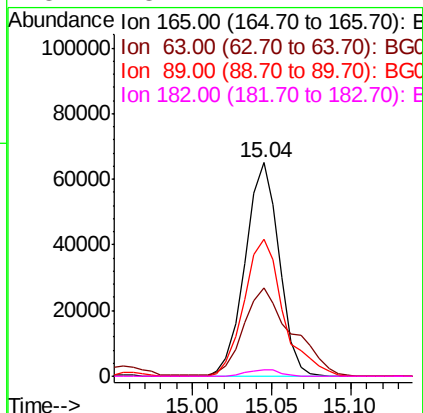
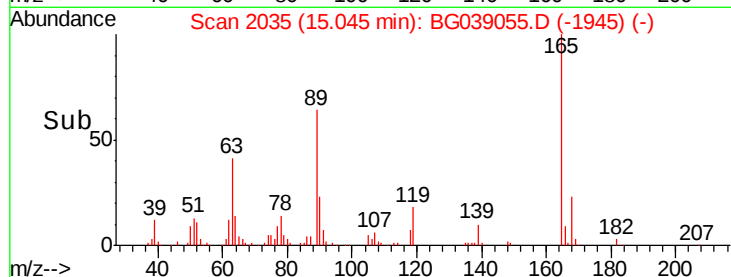
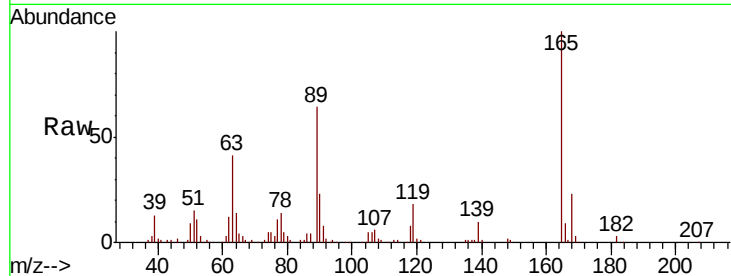
#57  
2,4-Dinitrotoluene  
Concen: 43.736 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.5  | 30.2  | 45.4  |
| 89      | 64.0  | 53.2  | 79.8  |
| 182     | 3.2   | 2.7   | 4.1   |

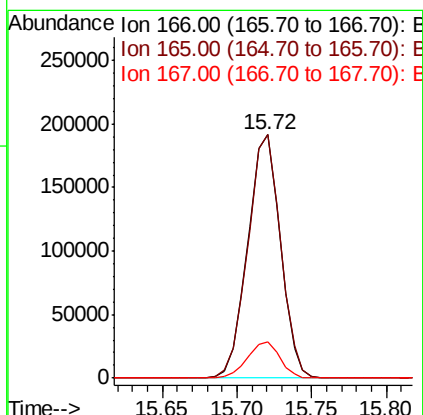
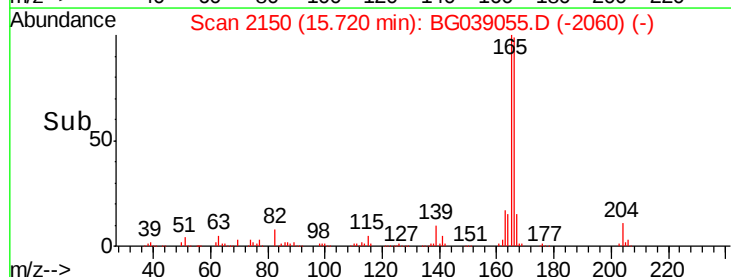
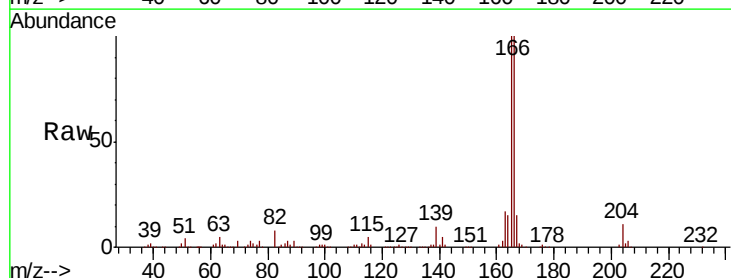
Manual Integrations  
APPROVED

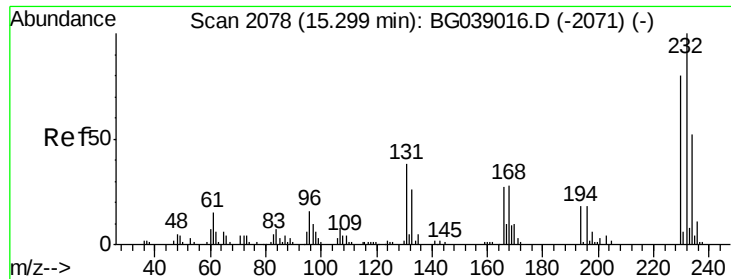
Sohil  
1/11/2019 4:44:27 PM



#58  
Fluorene  
Concen: 45.880 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.1 | 76.2  | 114.2 |
| 167     | 15.0  | 10.6  | 16.0  |





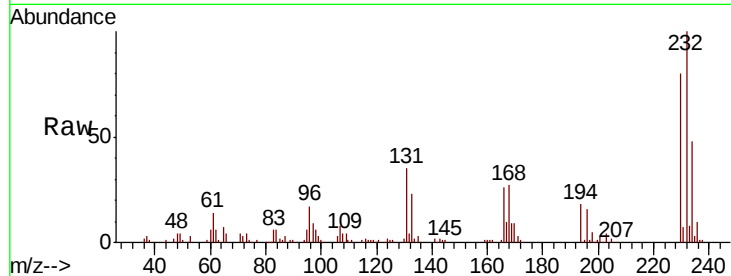
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.141 ng  
RT: 15.30 min Scan# 2078  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.2  | 30.9  | 46.3  |
| 130     | 2.1   | 1.9   | 2.9   |
| 166     | 27.0  | 22.1  | 33.1  |

Manual Integrations  
APPROVED

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1/11/2019 4:44:27 PM



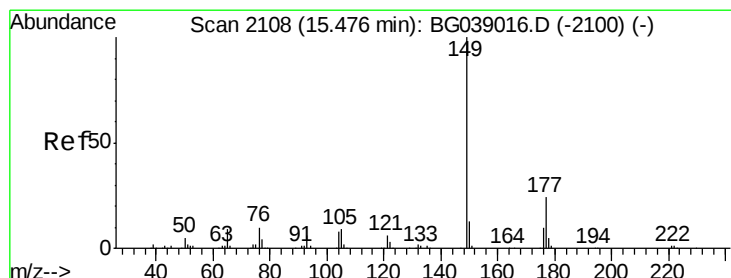
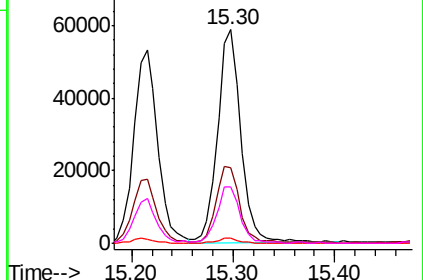
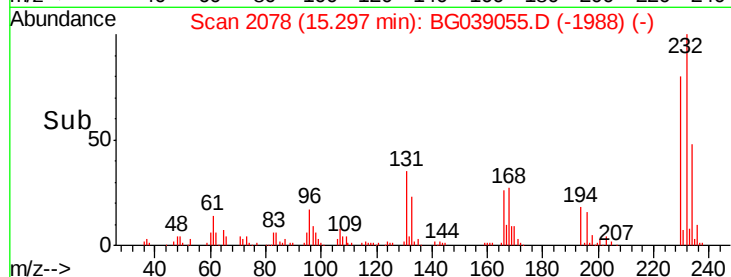
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

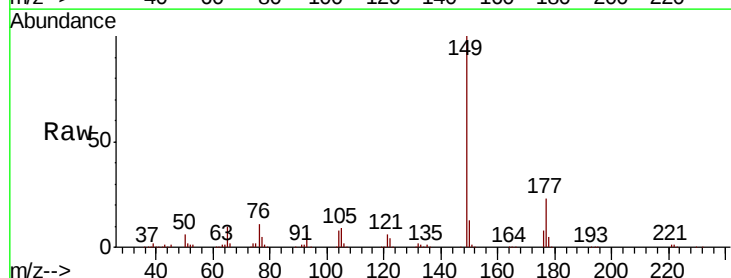
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 43.532 ng  
RT: 15.47 min Scan# 2108  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 19.0  | 28.6  |
| 150     | 12.9  | 10.2  | 15.4  |

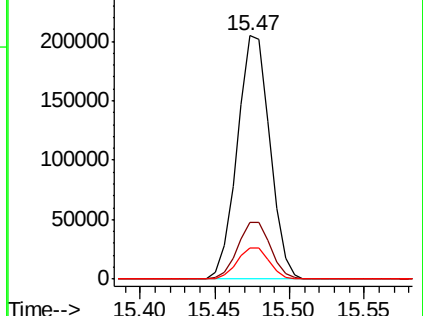
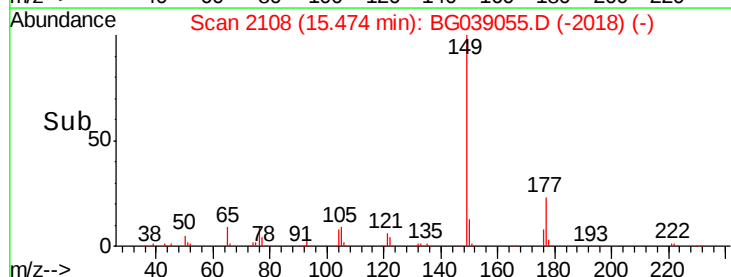


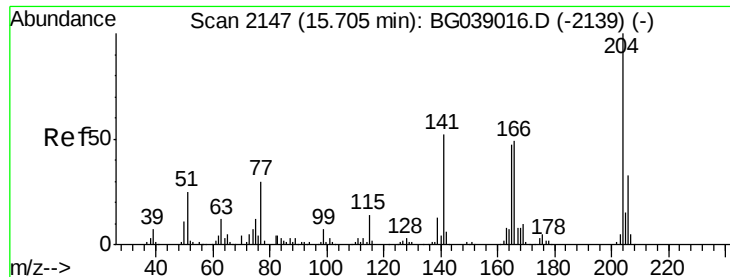
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





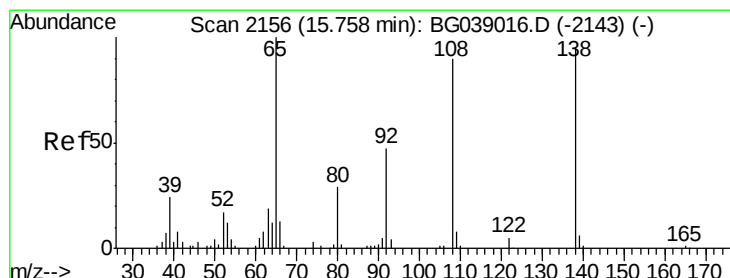
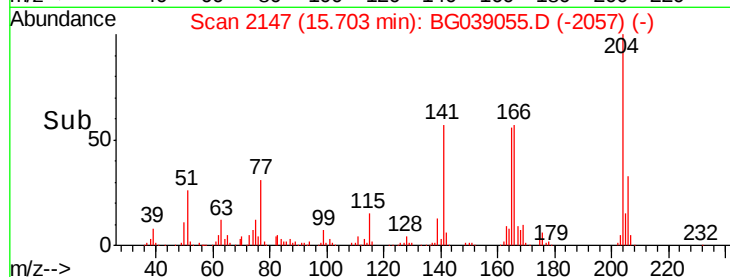
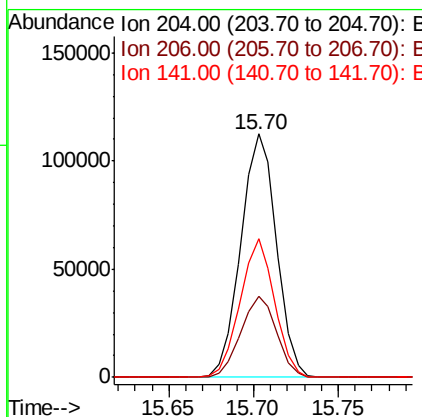
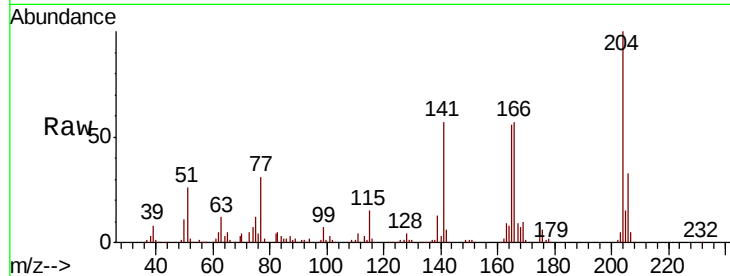
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.514 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB116291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 165057 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.5  | 26.6  | 39.8   |
| 141       | 56.8  | 41.4  | 62.0   |

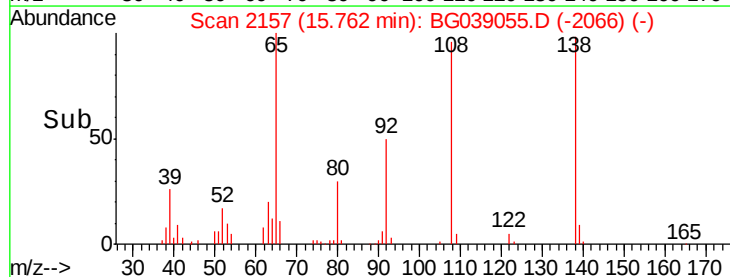
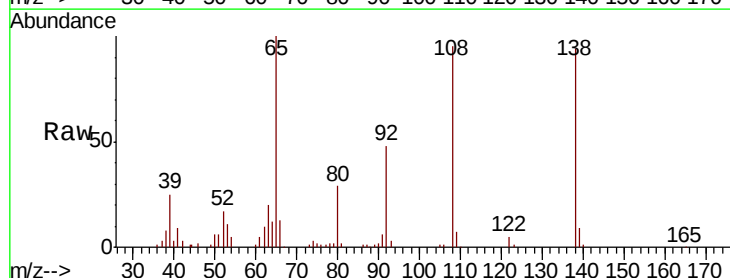
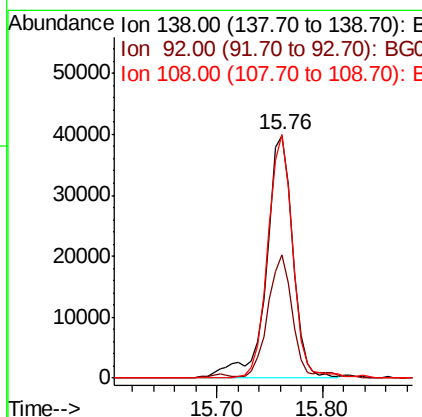
Manual Integrations  
 APPROVED

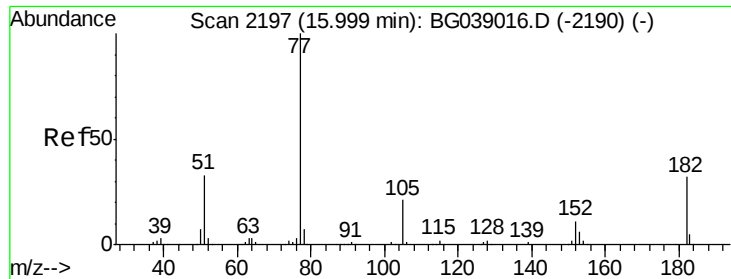
Sohil  
 1/11/2019 4:44:27 PM



#62  
 4-Nitroaniline  
 Concen: 42.071 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 68863 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 51.1  | 29.7  | 69.7  |
| 108       | 100.5 | 75.7  | 115.7 |





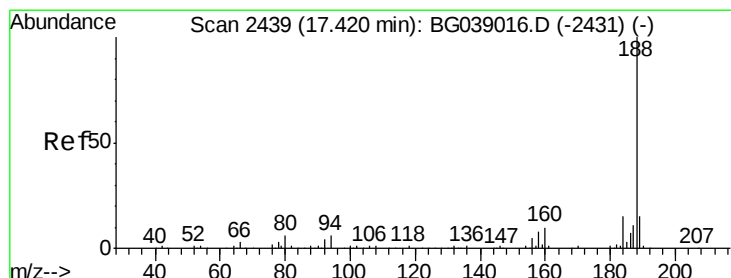
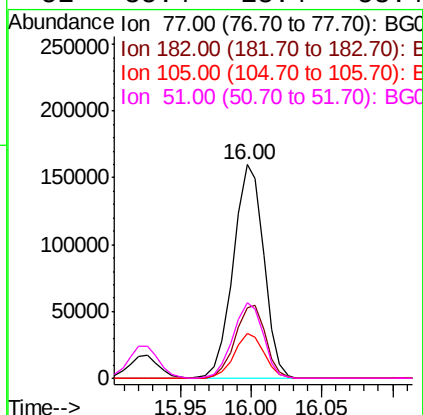
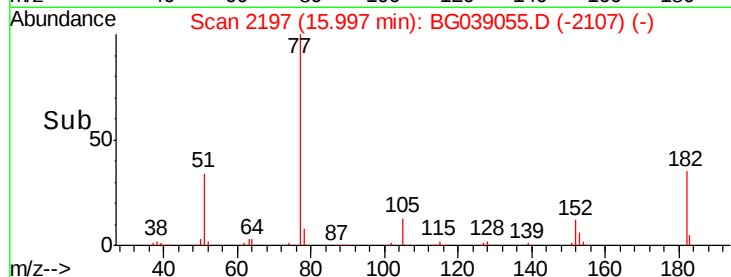
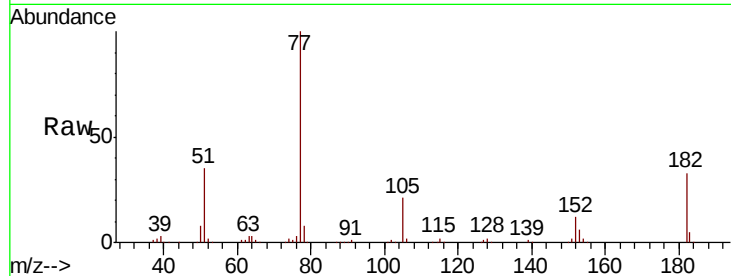
#63  
Azobenzene  
Concen: 43.189 ng  
RT: 16.00 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 241076 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 33.2  | 12.2  | 52.2   |
| 105       | 21.0  | 1.2   | 41.2   |
| 51        | 35.4  | 13.4  | 53.4   |

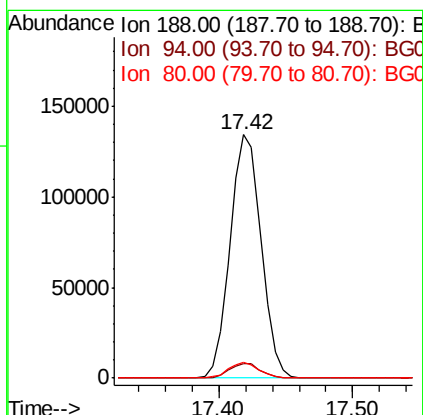
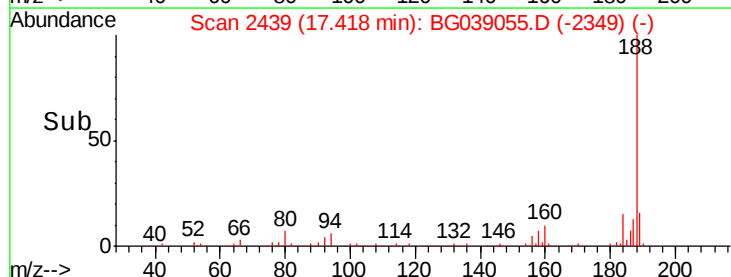
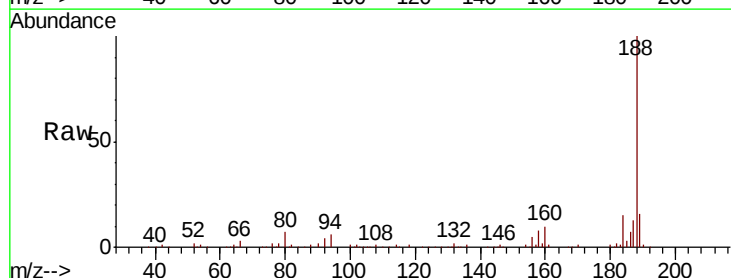
Manual Integrations  
APPROVED

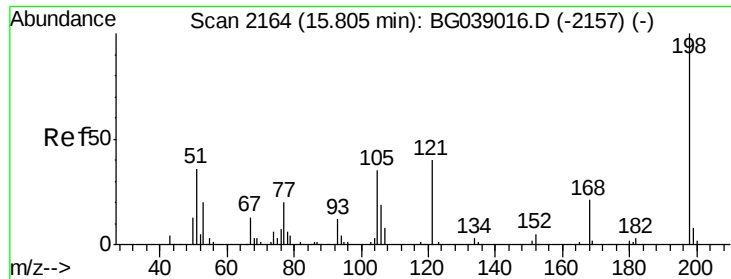
Sohil  
1/11/2019 4:44:27 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 217610 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 5.9   | 5.0   | 7.4    |
| 80        | 6.7   | 4.7   | 7.1    |





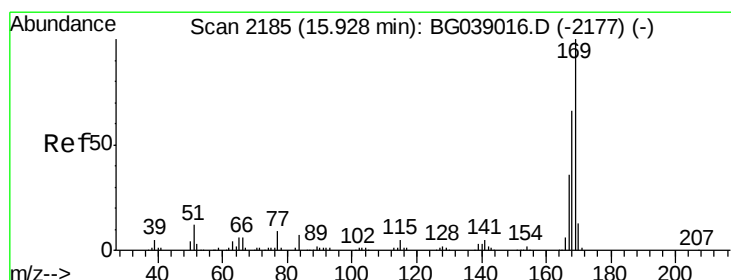
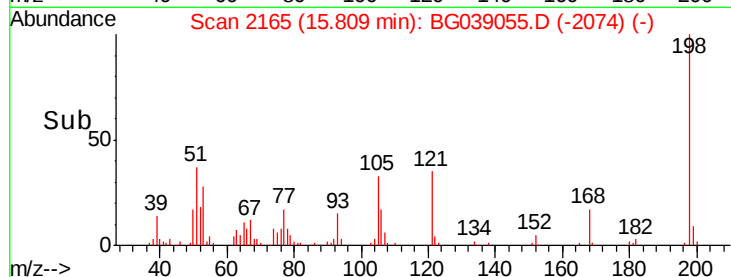
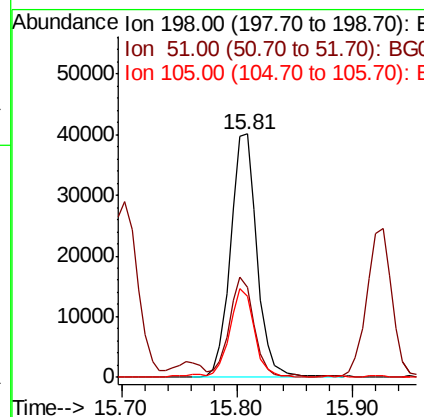
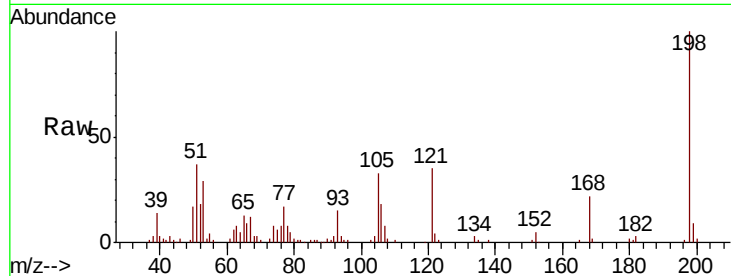
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.386 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 37.0  | 20.8  | 60.8  |
| 105     | 33.1  | 16.1  | 56.1  |

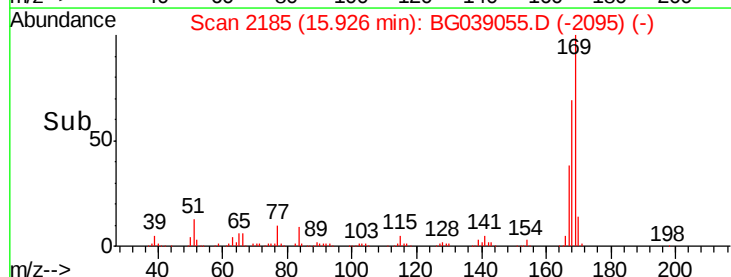
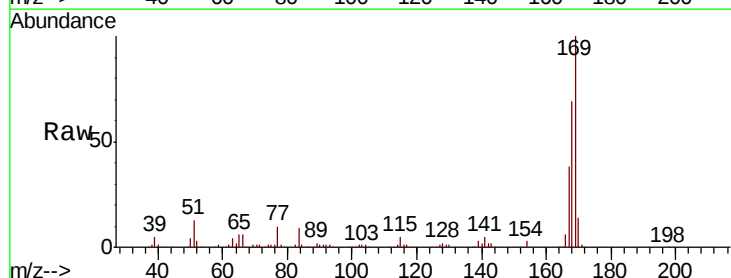
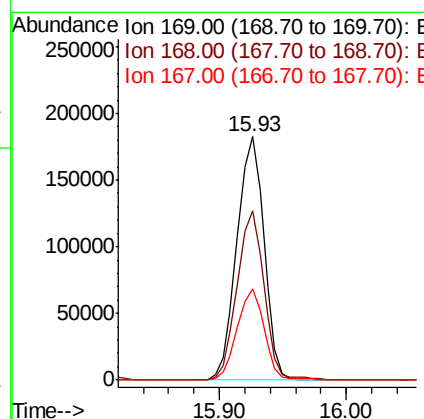
Manual Integrations  
APPROVED

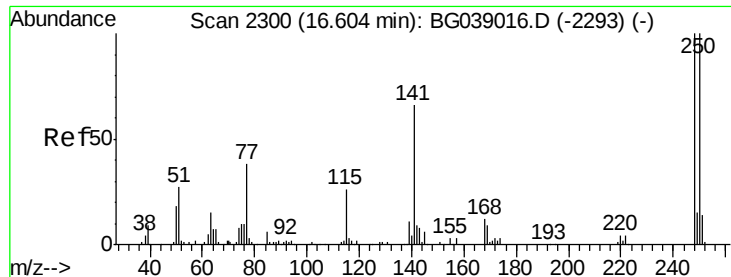
Sohil  
1/11/2019 4:44:27 PM



#66  
n-Nitrosodiphenylamine  
Concen: 41.845 ng  
RT: 15.93 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.5  | 53.2  | 79.8  |
| 167     | 37.7  | 29.1  | 43.7  |





#67

4-Bromophenyl-phenylether

Concen: 41.293 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

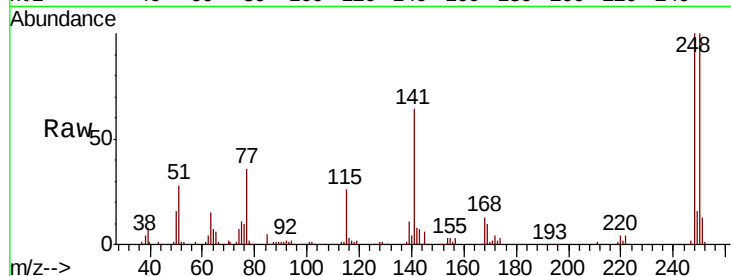
ClientSampled :

PB116291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 115509 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.0 | 79.9  | 119.9  |
| 141       | 64.1  | 52.7  | 79.1   |

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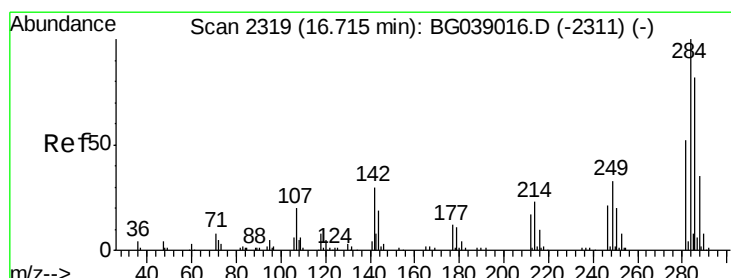
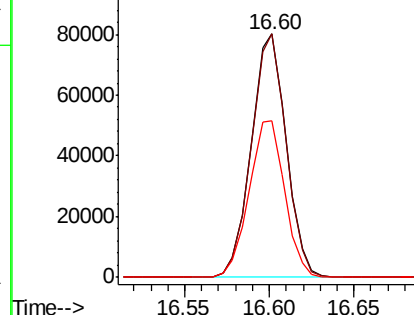
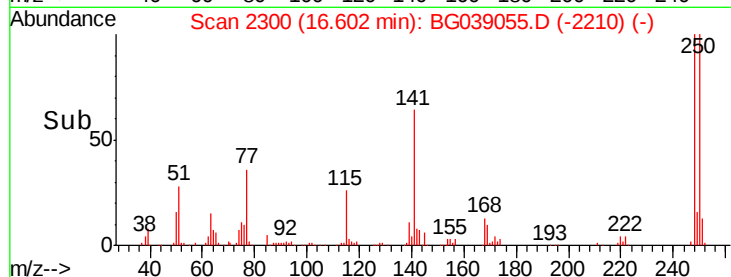


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.460 ng

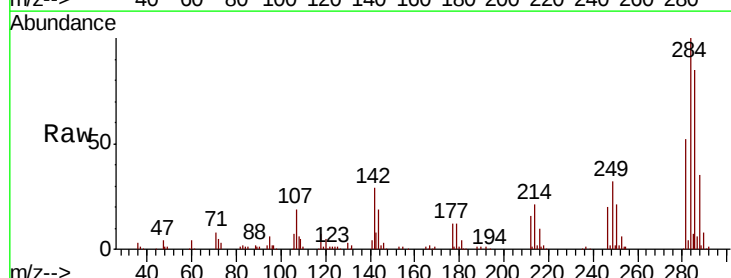
RT: 16.71 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 123497 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 29.5  | 24.3  | 36.5   |
| 249       | 31.7  | 27.8  | 41.8   |

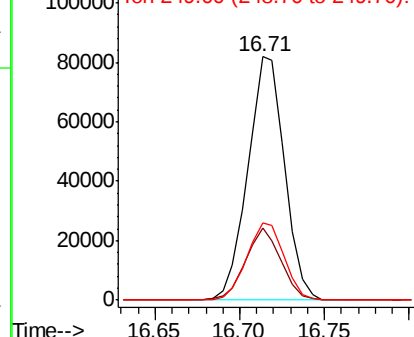
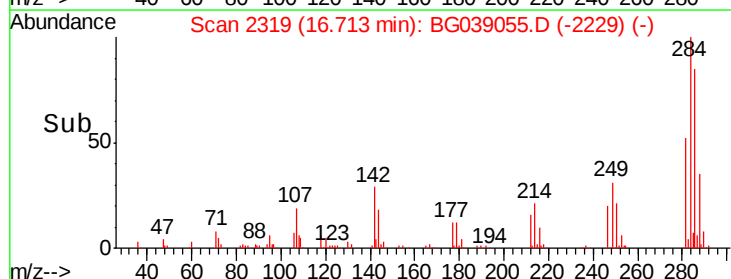


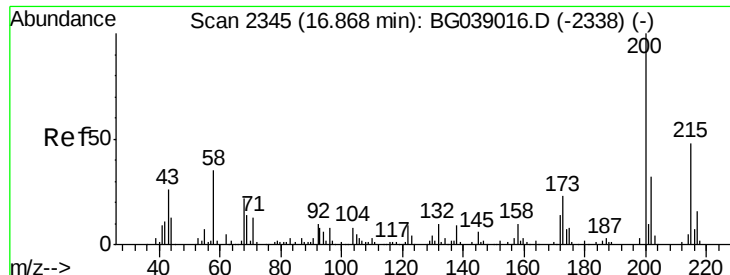
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





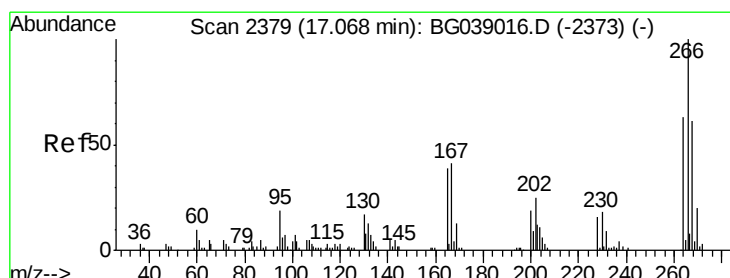
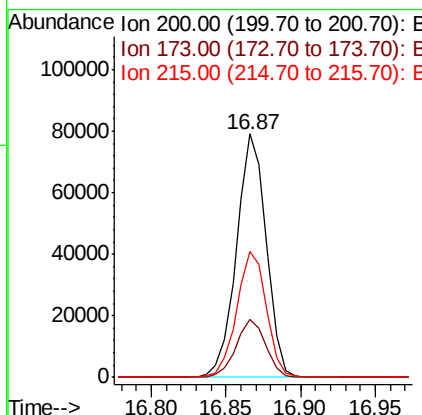
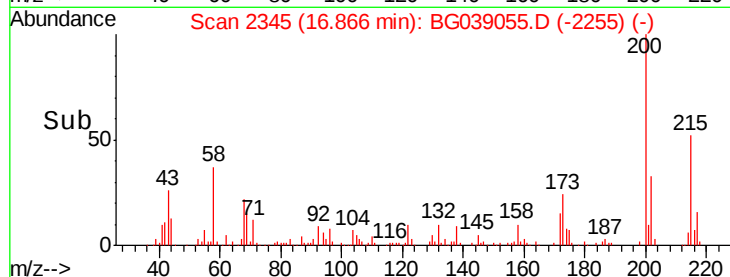
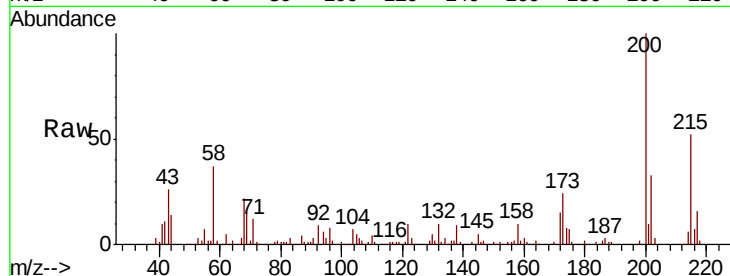
#69  
Atrazine  
Concen: 39.881 ng  
RT: 16.87 min Scan# 2345  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.7  | 2.6   | 42.6  |
| 215     | 51.7  | 28.0  | 68.0  |

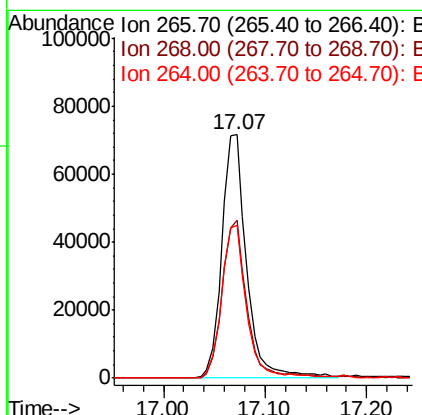
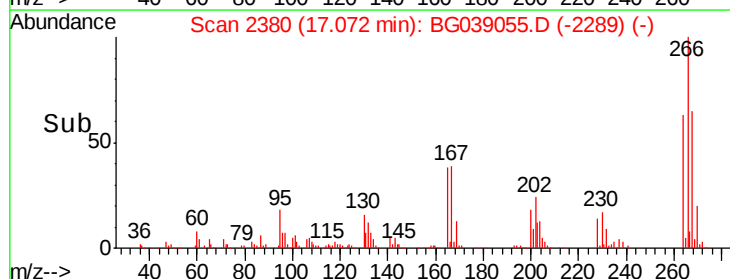
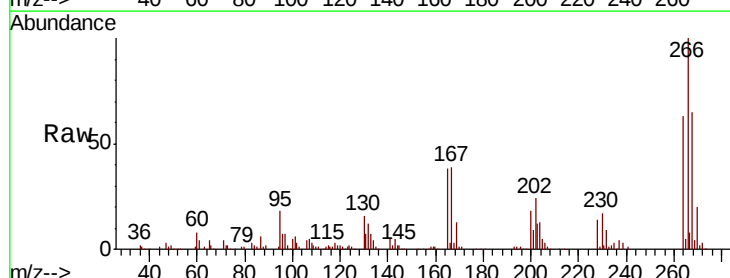
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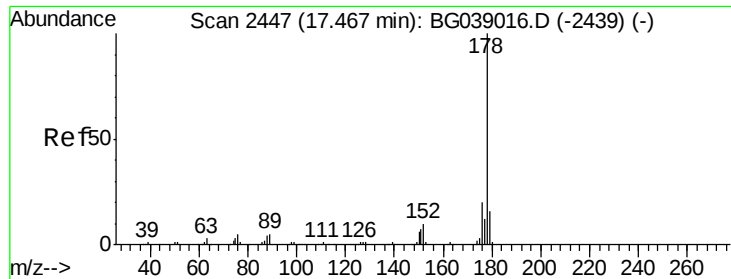
Sohil  
1/11/2019 4:44:27 PM



#70  
Pentachlorophenol  
Concen: 65.699 ng  
RT: 17.07 min Scan# 2380  
Delta R.T. 0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.5  | 52.0  | 78.0  |
| 264     | 62.9  | 54.6  | 81.8  |





#71

Phenanthrene

Concen: 43.531 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

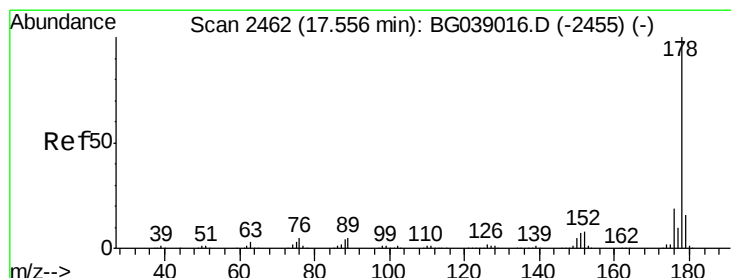
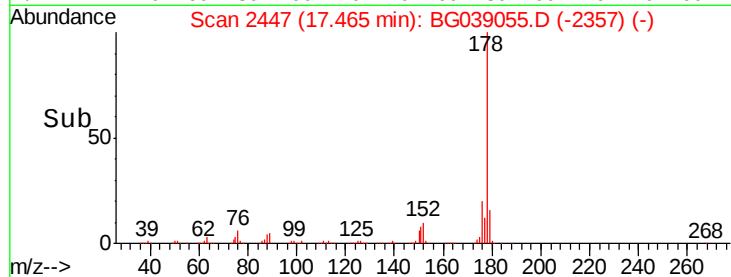
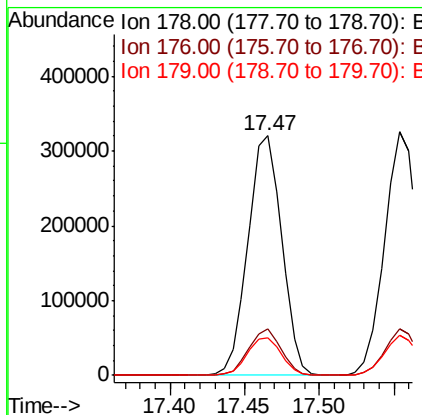
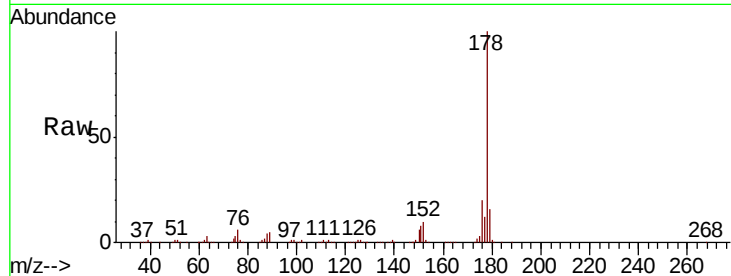
ClientSampleId :

PB116291BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 500696    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.6  | 15.7 23.5 |
| 179         | 15.7  | 12.9 19.3 |

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#72

Anthracene

Concen: 44.242 ng

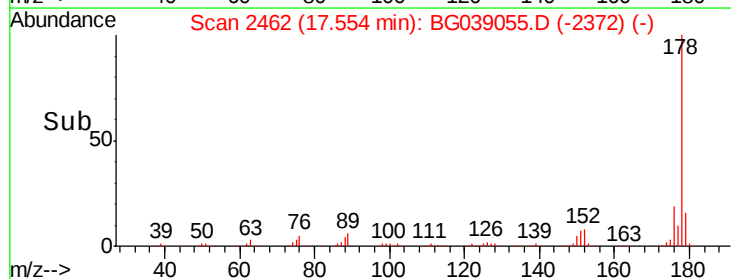
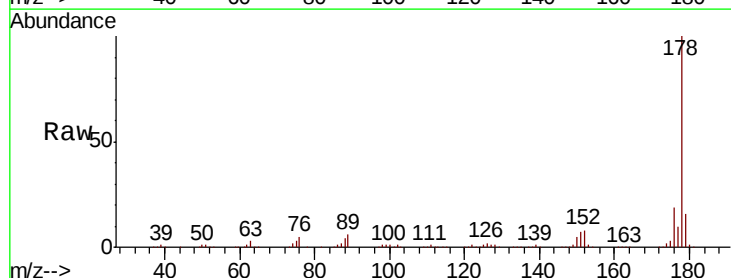
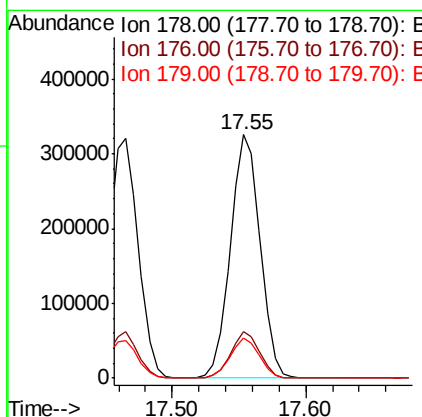
RT: 17.55 min Scan# 2462

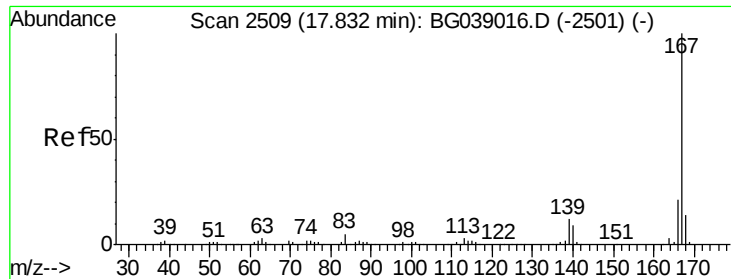
Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 503148    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.2  | 14.9 22.3 |
| 179         | 16.2  | 13.0 19.4 |





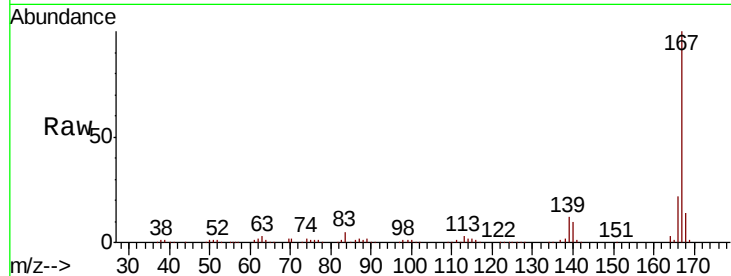
#73  
 Carbazole  
 Concen: 37.536 ng  
 RT: 17.83 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116291BS

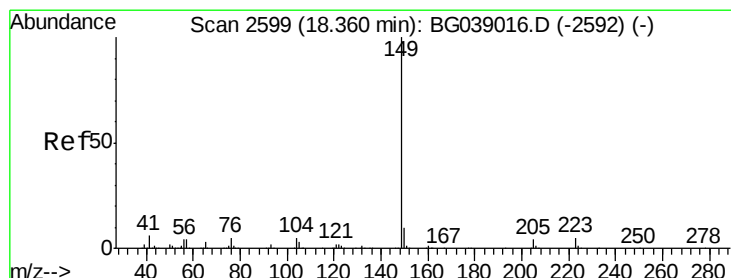
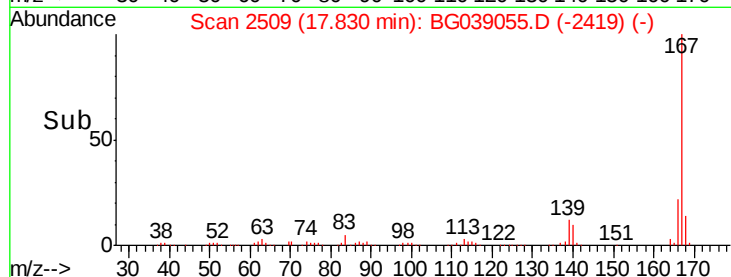
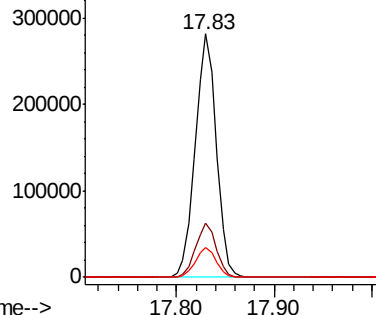
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 16.9  | 25.3  |
| 139     | 12.3  | 10.0  | 15.0  |

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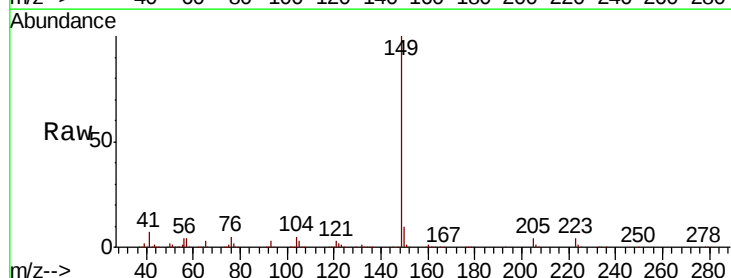


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

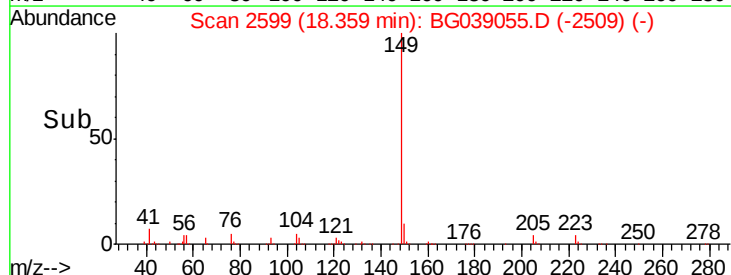
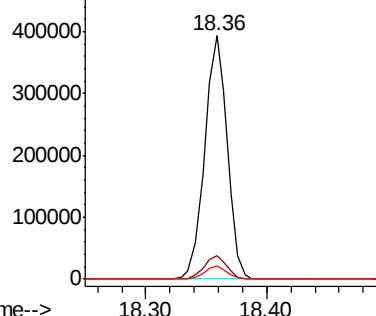


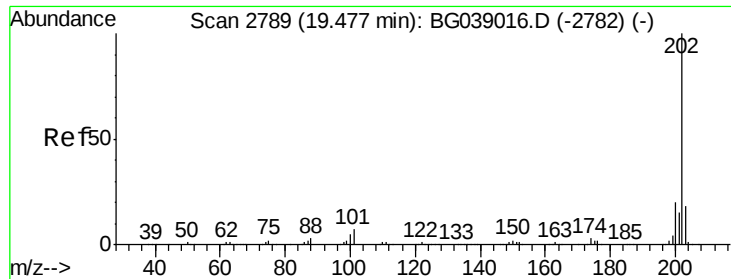
#74  
 Di-n-butylphthalate  
 Concen: 40.826 ng  
 RT: 18.36 min Scan# 2599  
 Delta R.T. -0.00 min  
 Lab File: BG039055.D  
 Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.8   | 7.9   | 11.9  |
| 104     | 5.2   | 4.2   | 6.2   |



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





#75

Fluoranthene

Concen: 38.847 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

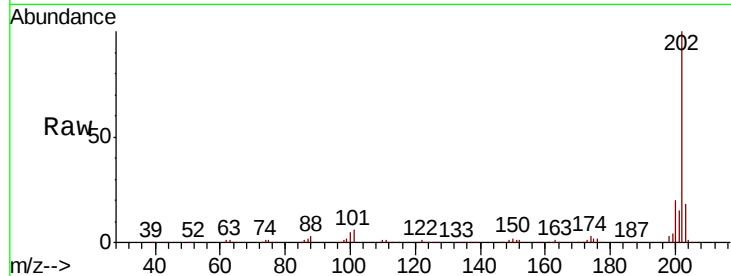
ClientSampleId :

PB116291BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 553923 |       |       |
| 101     | 6.4   | 0.0    | 26.9  |       |
| 203     | 18.2  | 0.0    | 38.1  |       |

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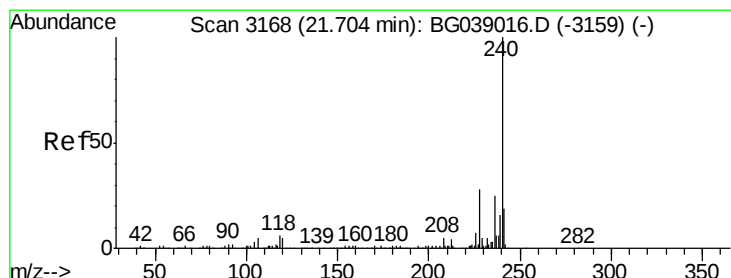
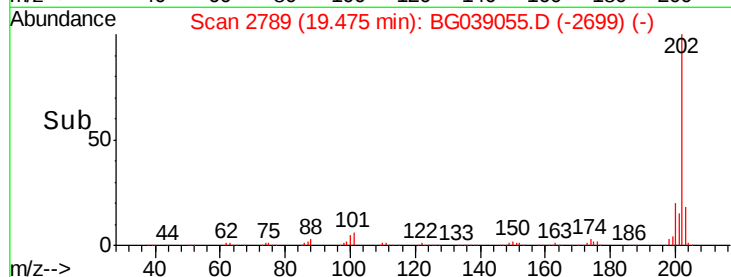
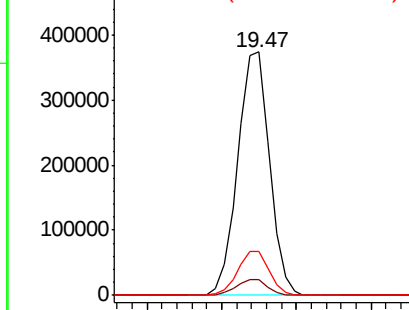


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

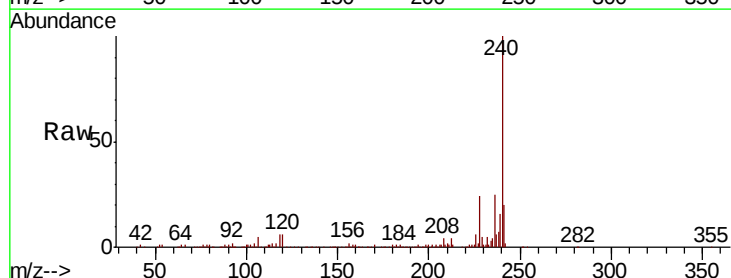
RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 185688 |       |       |
| 120     | 5.9   | 4.3    | 6.5   |       |
| 236     | 25.4  | 20.1   | 30.1  |       |

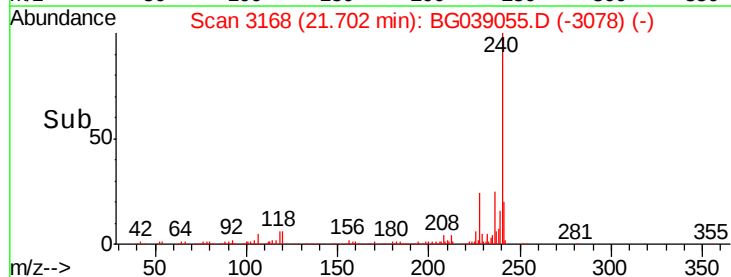
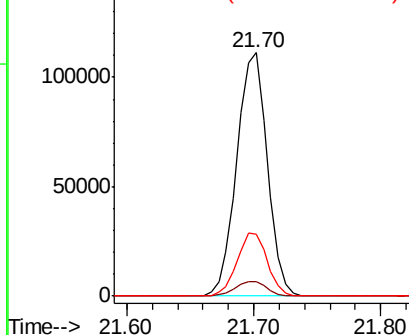


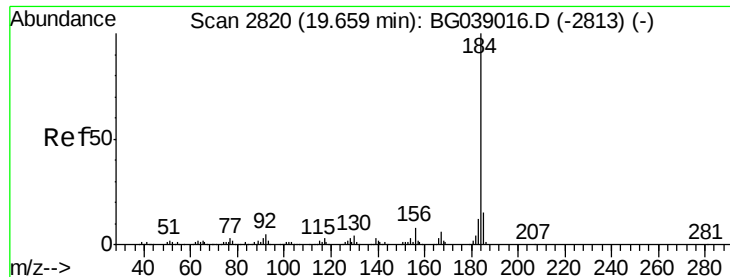
Abundance

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





#77

Benzidine

Concen: 33.965 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

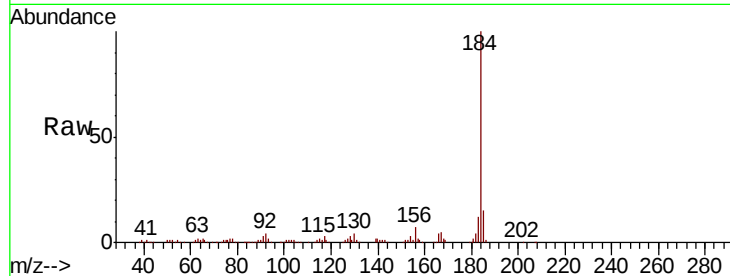
ClientSampleId :

PB116291BS

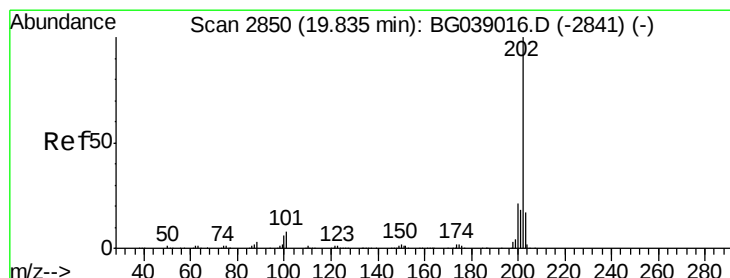
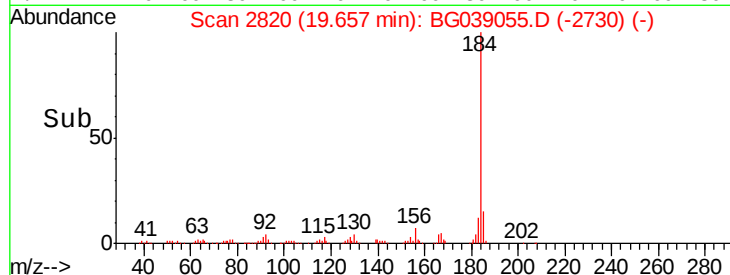
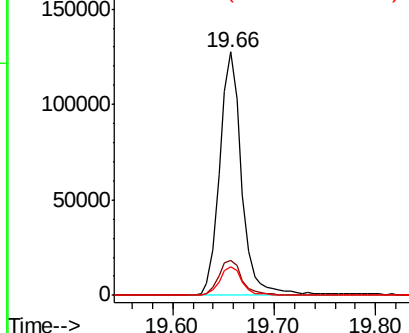
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 192901 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 12.1  | 18.1   |
| 183       | 11.9  | 9.5   | 14.3   |

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



#78

Pyrene

Concen: 45.687 ng

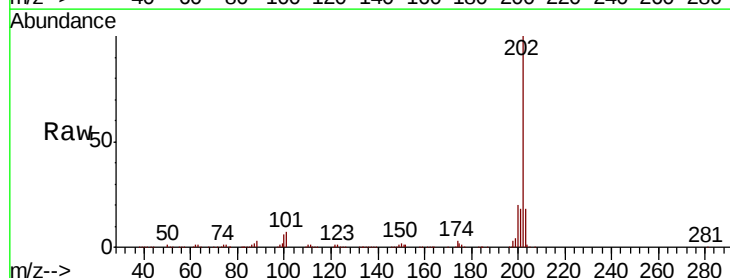
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

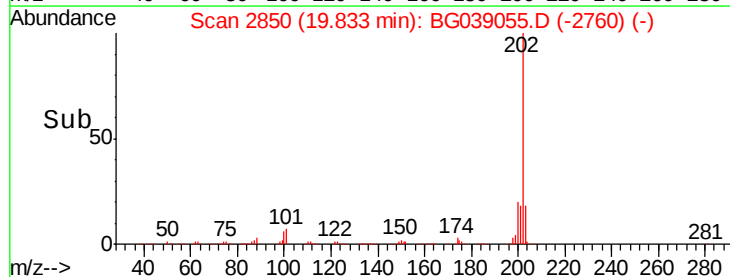
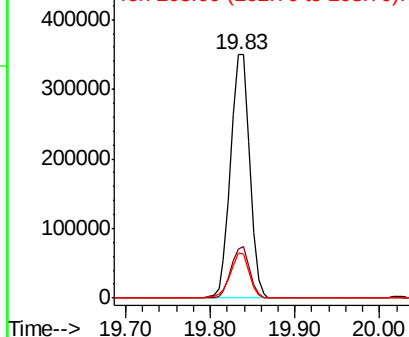
Lab File: BG039055.D

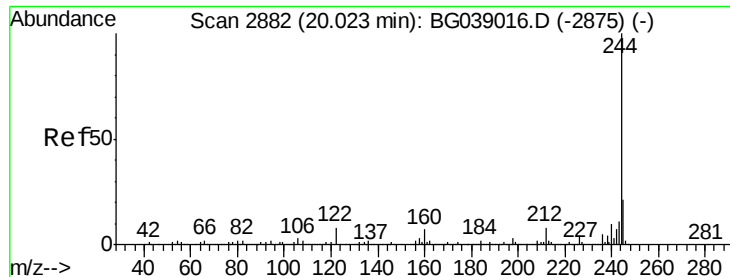
Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 540650 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.3  | 17.0  | 25.6   |
| 203       | 18.3  | 14.0  | 21.0   |



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





#79

Terphenyl-d14

Concen: 69.767 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

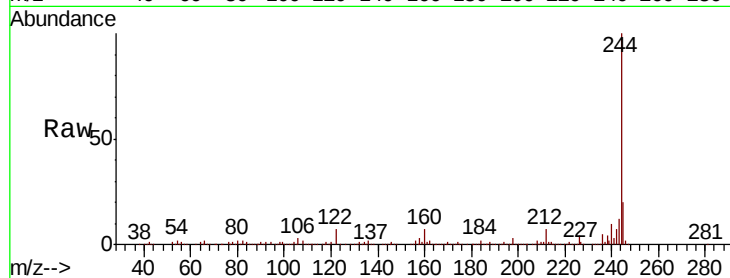
ClientSampleId :

PB116291BS

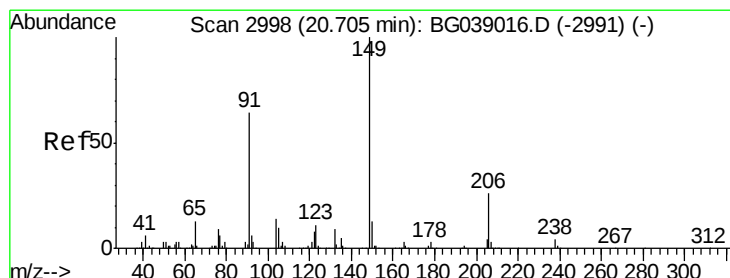
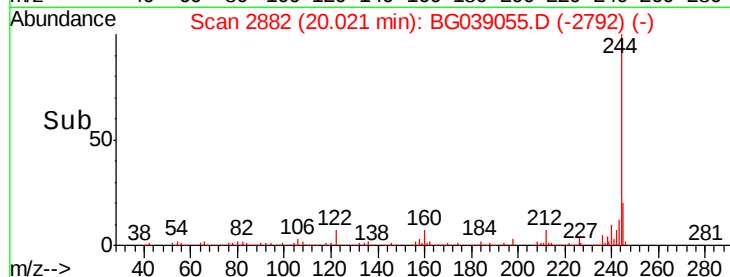
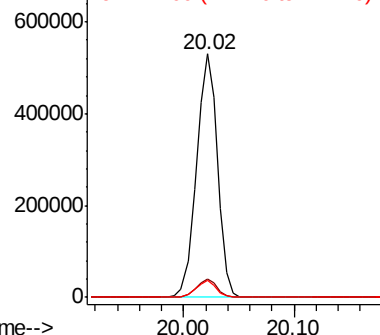
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 700304 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 7.5 | 6.1   | 9.1    |
| 122       | 6.9 | 6.1   | 9.1    |

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



#80

Butylbenzylphthalate

Concen: 42.881 ng

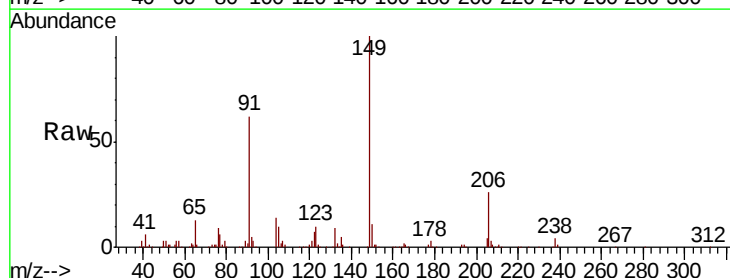
RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

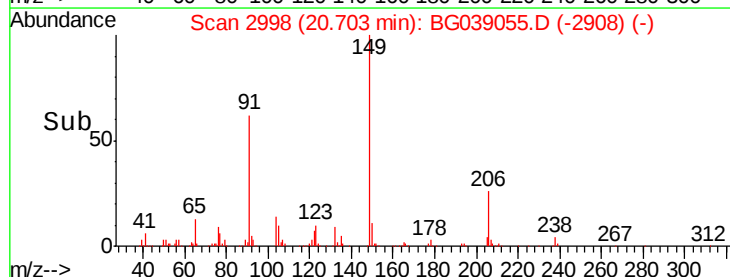
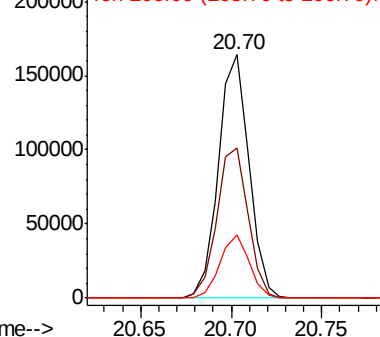
Lab File: BG039055.D

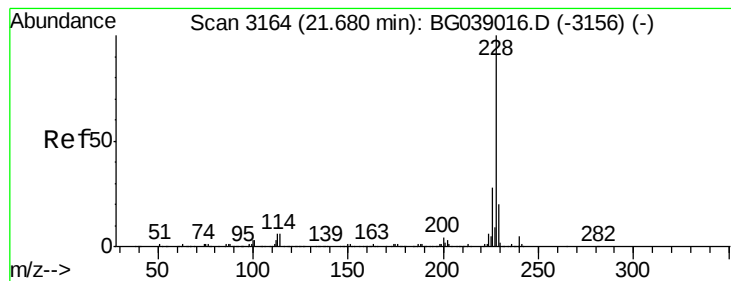
Acq: 10 Jan 2019 16:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 192999 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 61.8 | 51.4  | 77.0   |
| 206       | 26.0 | 20.4  | 30.6   |



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





#81

Benzo(a)anthracene

Concen: 44.664 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

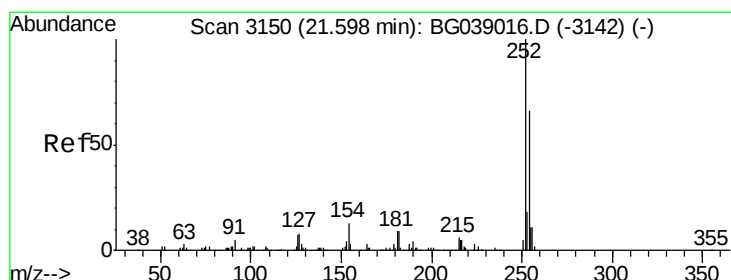
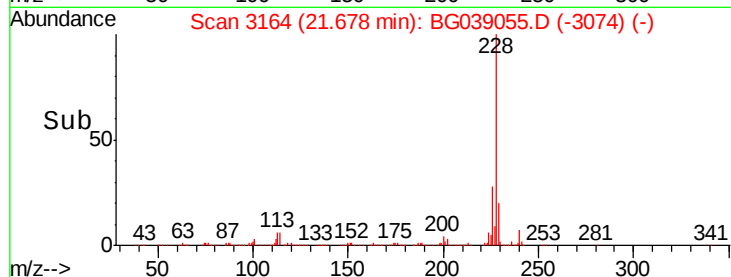
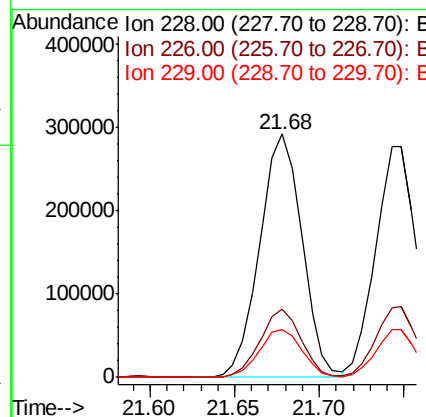
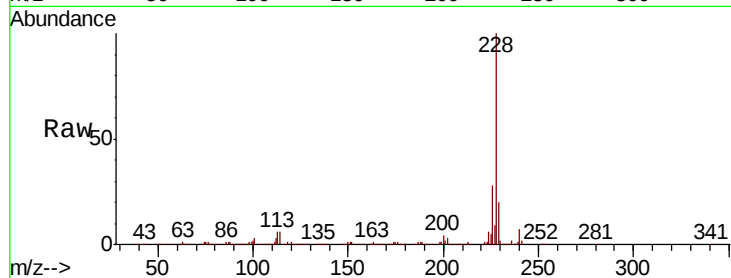
ClientSampleId :

PB116291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 504875 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.0  | 22.4  | 33.6   |
| 229       | 19.7  | 16.2  | 24.2   |

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#82

3,3'-Dichlorobenzidine

Concen: 33.042 ng

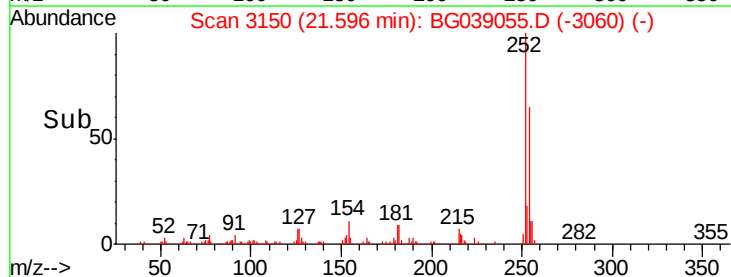
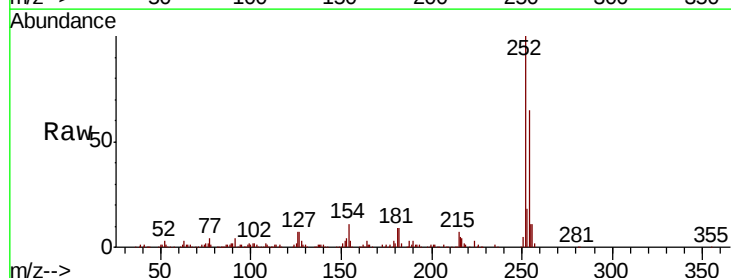
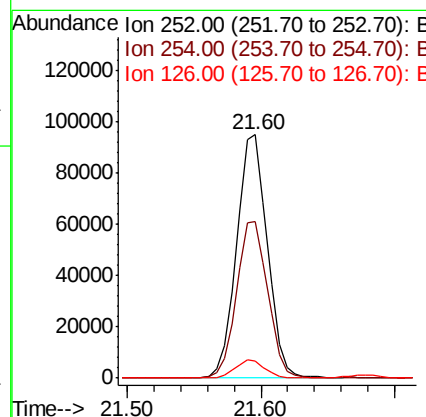
RT: 21.60 min Scan# 3150

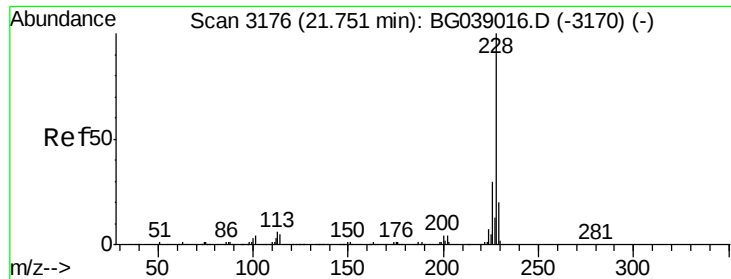
Delta R.T. -0.00 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 152181 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.5  | 53.0  | 79.6   |
| 126       | 7.2   | 6.0   | 9.0    |





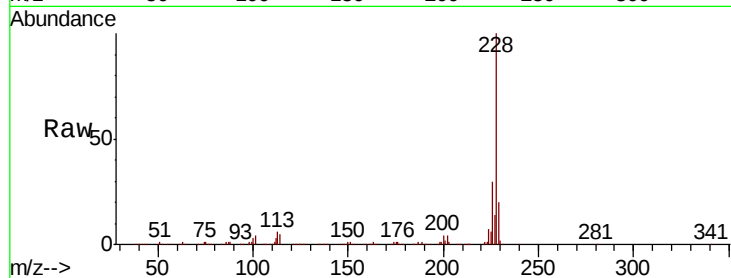
#83  
Chrysene  
Concen: 43.363 ng  
RT: 21.74 min Scan# 3175  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

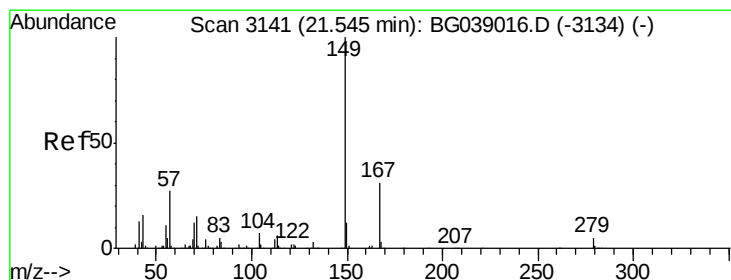
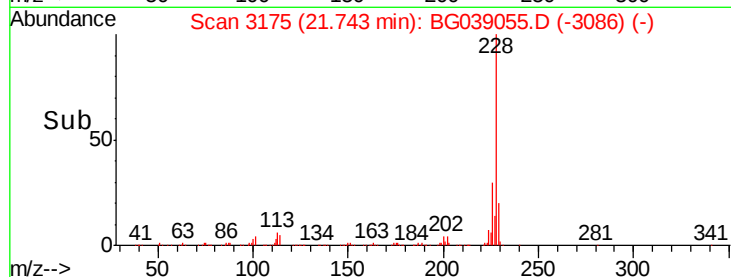
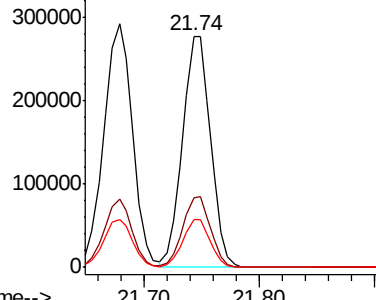
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 466191 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 24.1  | 36.1   |
| 229       | 20.5  | 16.0  | 24.0   |

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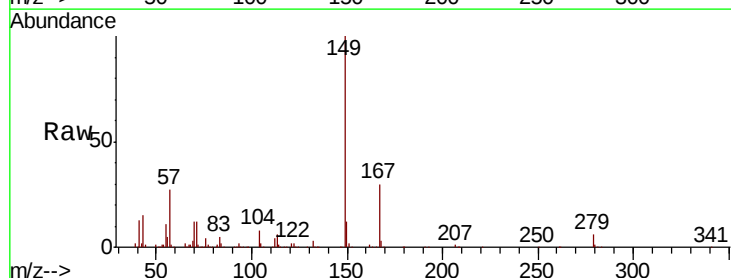


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

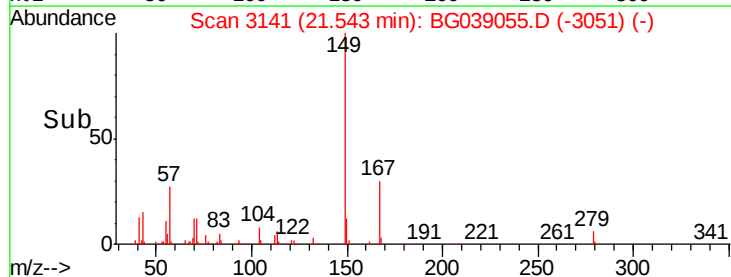
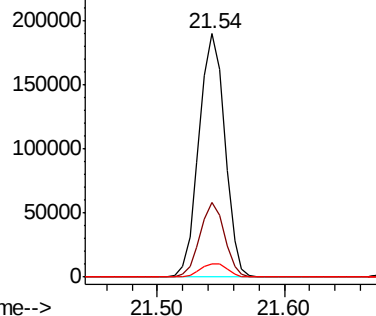


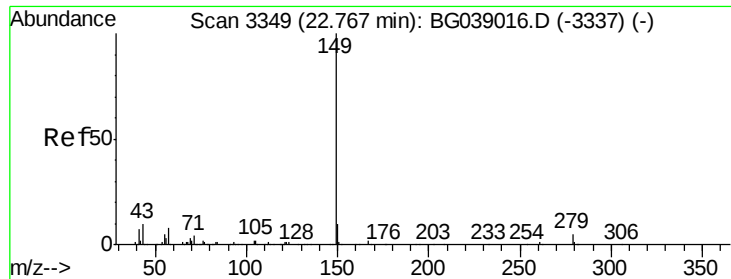
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.885 ng  
RT: 21.54 min Scan# 3141  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 268002 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.4  | 25.0  | 37.4   |
| 279       | 5.7   | 4.3   | 6.5    |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.528 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

Instrument :

BNA\_G

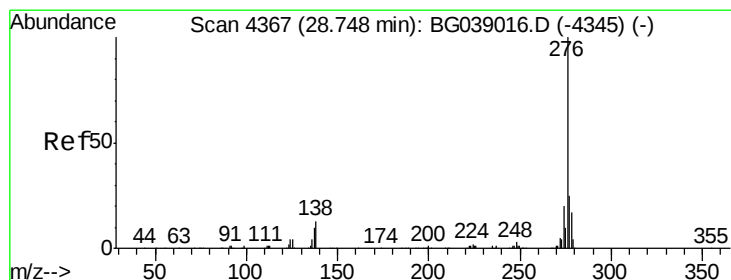
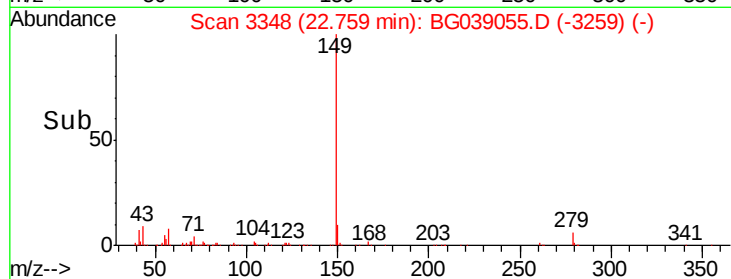
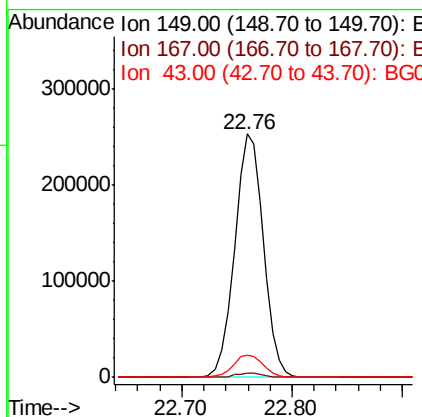
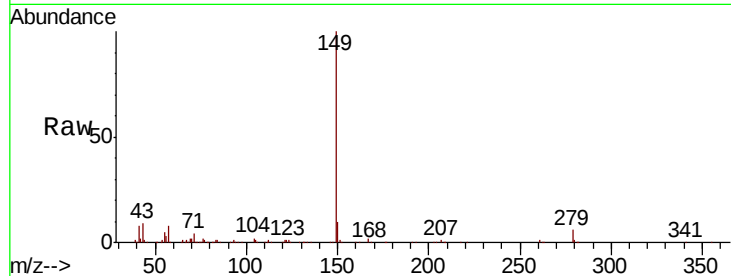
ClientSampleId :

PB116291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 459971 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.3   | 1.9    |
| 43        | 9.6   | 7.5   | 11.3   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.489 ng

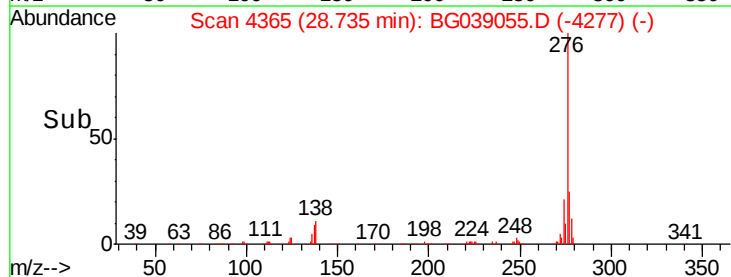
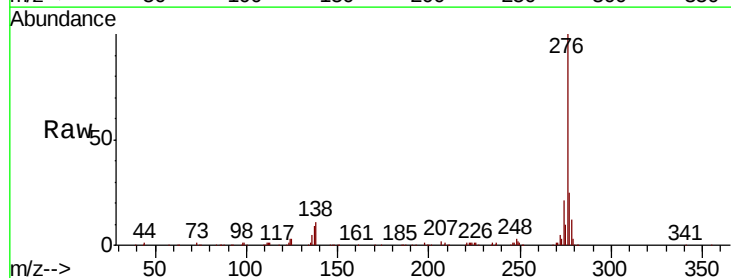
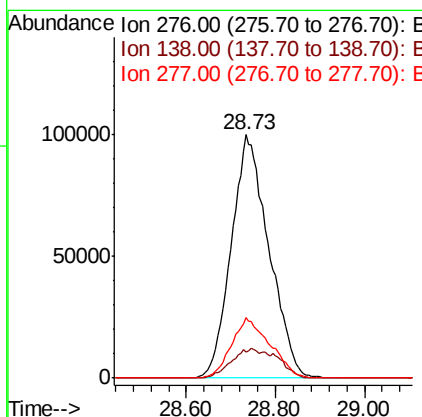
RT: 28.73 min Scan# 4365

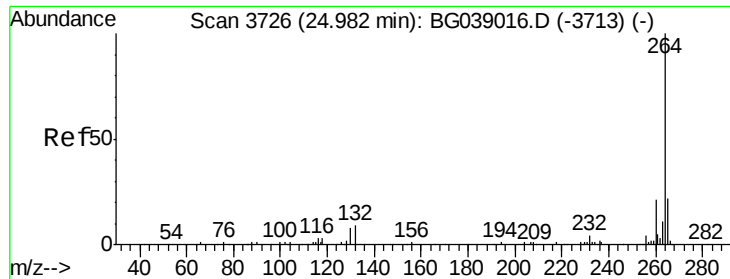
Delta R.T. -0.01 min

Lab File: BG039055.D

Acq: 10 Jan 2019 16:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 584361 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 14.8  | 8.0   | 12.0#  |
| 277       | 25.3  | 20.3  | 30.5   |





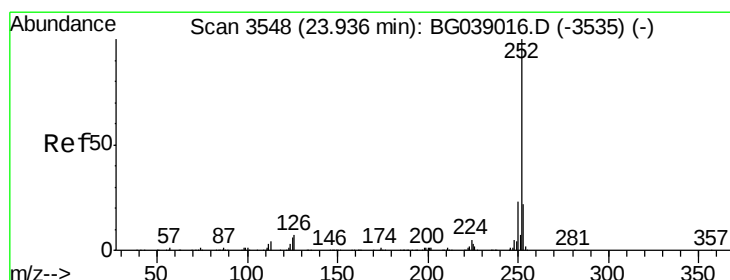
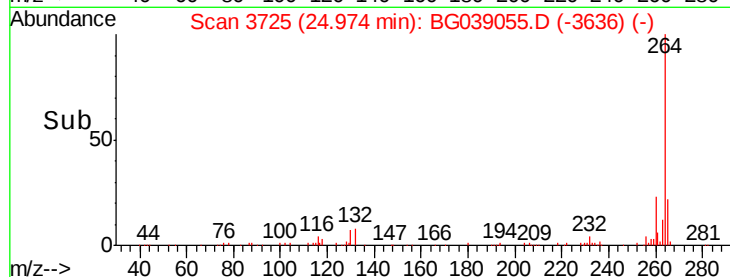
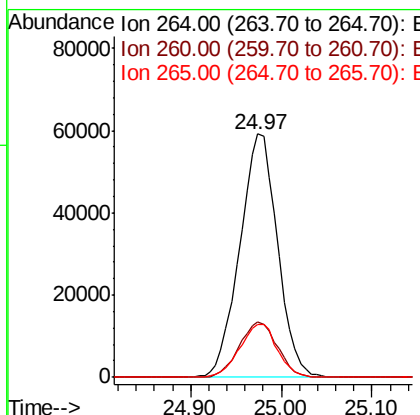
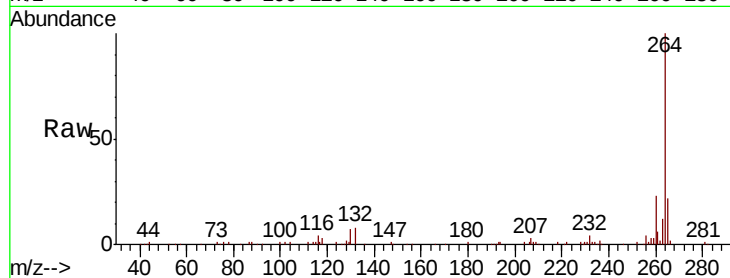
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.97 min Scan# 3725  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 17.0  | 25.6  |
| 265     | 21.7  | 17.2  | 25.8  |

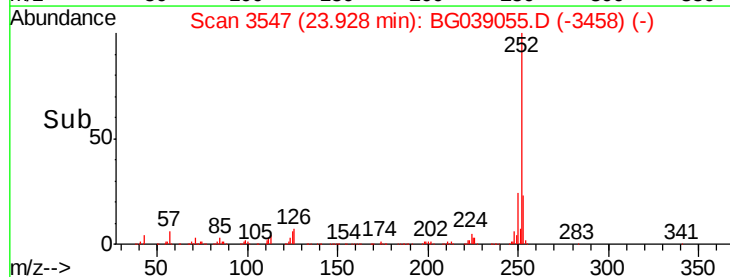
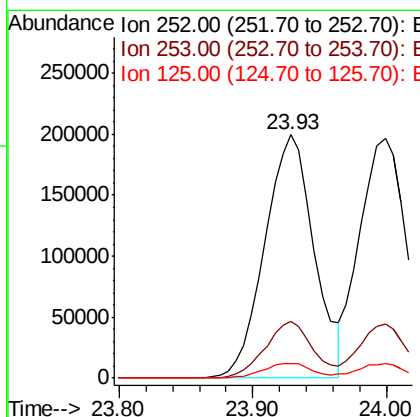
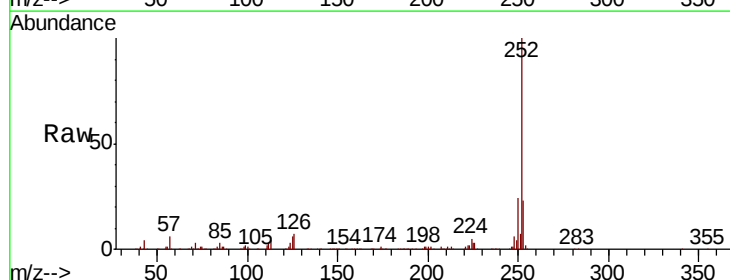
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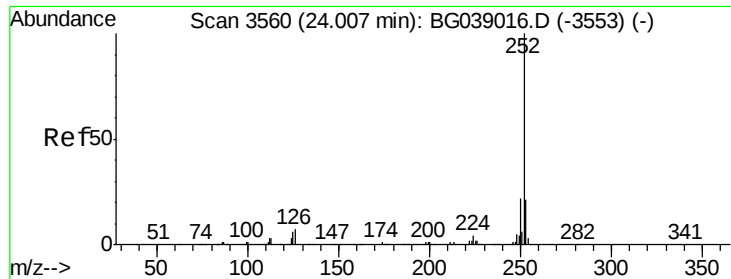
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#88  
Benzo(b)fluoranthene  
Concen: 54.359 ng  
RT: 23.93 min Scan# 3547  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 17.8  | 26.6  |
| 125     | 6.0   | 4.9   | 7.3   |





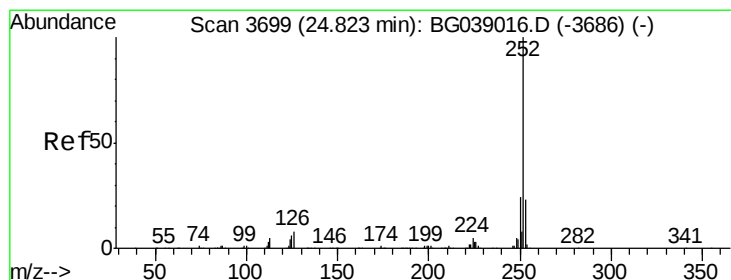
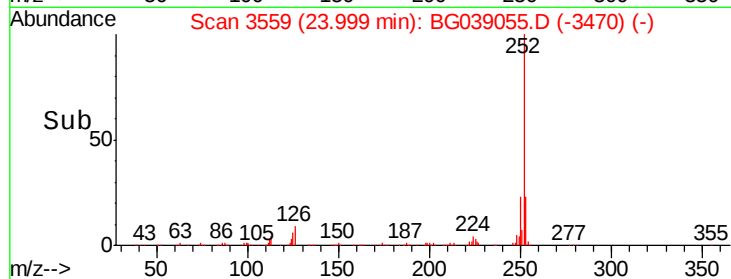
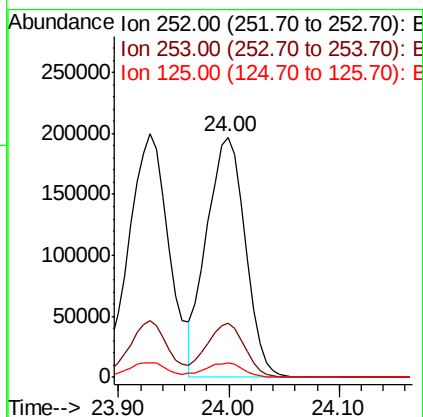
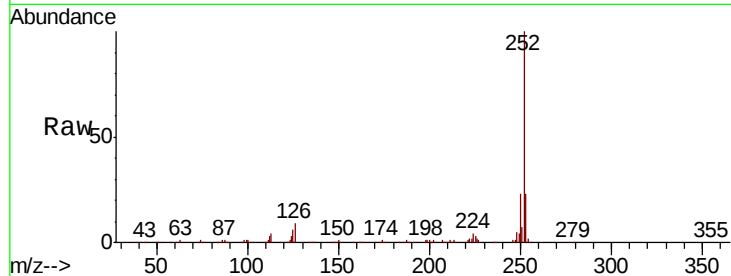
#89  
Benzo(k)fluoranthene  
Concen: 51.126 ng  
RT: 24.00 min Scan# 3559  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampled :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.1  | 25.7  |
| 125     | 6.0   | 4.6   | 7.0   |

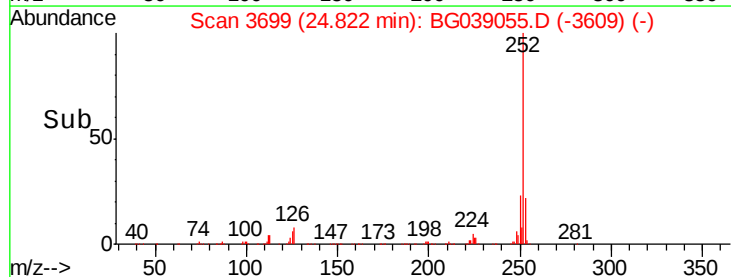
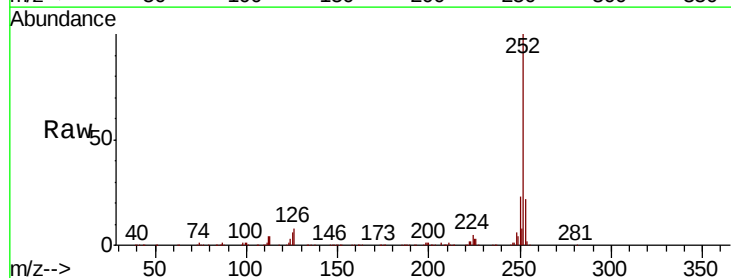
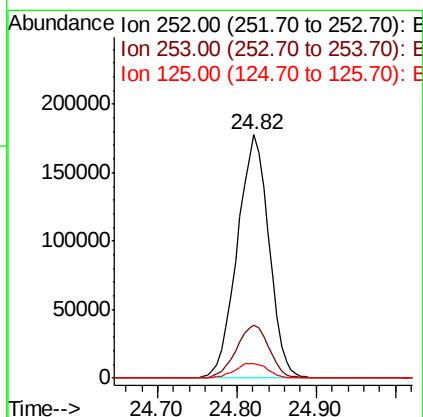
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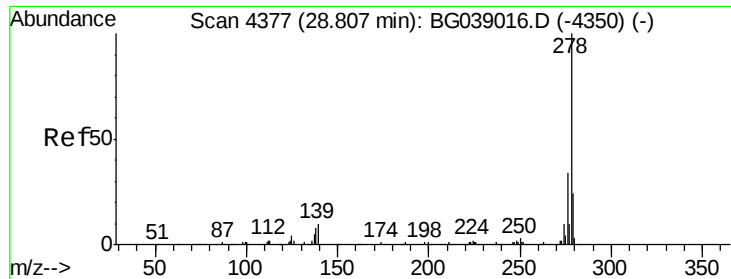
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#90  
Benzo(a)pyrene  
Concen: 54.102 ng  
RT: 24.82 min Scan# 3699  
Delta R.T. -0.00 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.3  | 27.5  |
| 125     | 5.8   | 4.9   | 7.3   |





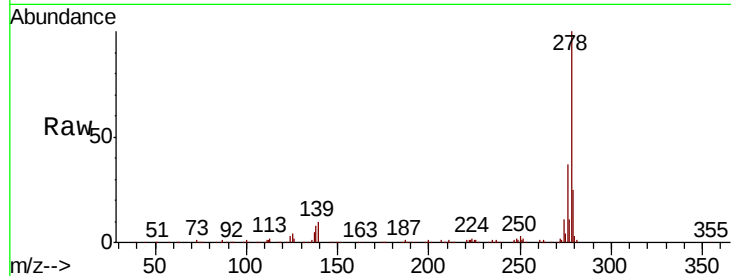
#91  
Dibenzo(a,h)anthracene  
Concen: 54.111 ng  
RT: 28.80 min Scan# 4376  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB116291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.8   | 7.9   | 11.9  |
| 279     | 25.2  | 19.3  | 28.9  |

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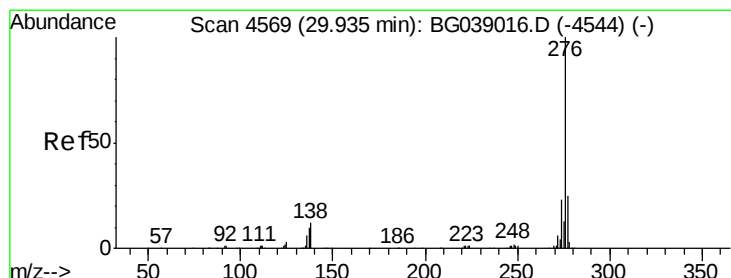
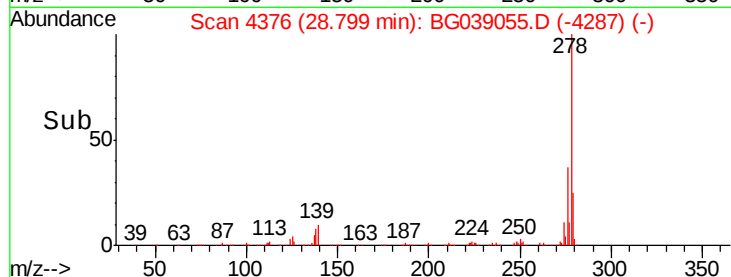
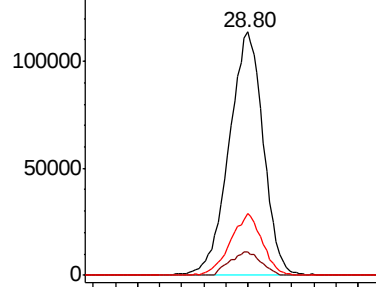


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 54.010 ng  
RT: 29.93 min Scan# 4568  
Delta R.T. -0.01 min  
Lab File: BG039055.D  
Acq: 10 Jan 2019 16:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 20.3  | 30.5  |
| 138     | 12.1  | 9.4   | 14.2  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

