

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\  
 Data File : BG038499.D  
 Acq On : 12 Dec 2018 12:19  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Sohil  
 12/13/2018 3:06:44 PM

Quant Time: Dec 12 12:59:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 12:12:47 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 27073    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 112235   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 72197    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 177781   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 173070   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 191089   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 153416 | 100.28 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 212063 | 95.91  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 220117 | 97.37  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 104036 | 117.38 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 515509 | 101.74 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 794945 | 98.40  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 35802  | 51.061 | ng | 98     |
| 3) Pyridine                    | 3.90  | 79  | 95570  | 45.560 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 47361  | 51.544 | ng | 90     |
| 6) Aniline                     | 7.39  | 93  | 135988 | 48.152 | ng | 99     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 88995  | 50.089 | ng | 98     |
| 9) Benzaldehyde                | 7.21  | 77  | 60256  | 43.035 | ng | 95     |
| 10) Phenol                     | 7.24  | 94  | 112697 | 48.239 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 88330  | 46.165 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 103891 | 50.029 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 104909 | 48.827 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 99695  | 46.961 | ng | 96     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 85314  | 46.931 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 198233 | 45.549 | ng | 98     |
| 17) 2-Methylphenol             | 8.50  | 107 | 75872  | 42.787 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 39041  | 50.345 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 73494  | 43.182 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 107733 | 45.773 | ng | 99     |
| 22) Acetophenone               | 8.89  | 105 | 140318 | 47.762 | ng | # 98   |
| 24) Nitrobenzene               | 9.28  | 77  | 111470 | 48.534 | ng | 98     |
| 25) Isophorone                 | 9.80  | 82  | 187383 | 47.167 | ng | 99     |
| 26) 2-Nitrophenol              | 9.99  | 139 | 57314  | 53.857 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 80766  | 52.839 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93  | 115051 | 50.517 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 94344  | 54.071 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 110683 | 54.038 | ng | 99     |
| 31) Naphthalene                | 10.93 | 128 | 273523 | 51.019 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 50596m | 50.824 | ng |        |
| 33) 4-Chloroaniline            | 11.04 | 127 | 124328 | 52.385 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 75320  | 58.780 | ng | 91     |
| 35) Caprolactam                | 11.84 | 113 | 35708  | 49.488 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 102636 | 52.942 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 198009 | 51.862 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 191219 | 52.292 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 135710 | 54.627 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

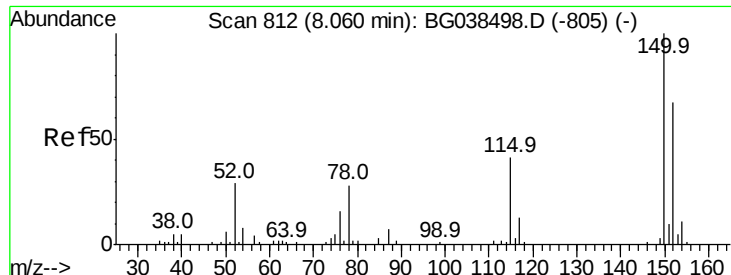
Sohil  
 12/13/2018 3:06:44 PM

Quant Time: Dec 12 12:59:53 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 12:12:47 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 76194    | 55.811 | nq    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 85912    | 53.385 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 92377    | 54.185 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 299379   | 49.057 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 230416   | 50.035 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 76759    | 49.683 | nq    | 94       |
| 49) Acenaphthylene             | 14.43 | 152  | 348407   | 50.234 | nq    | 97       |
| 50) Dimethylphthalate          | 14.15 | 163  | 295524   | 51.033 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 68147    | 51.517 | nq    | 95       |
| 52) Acenaphthene               | 14.76 | 154  | 209103   | 49.455 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 71285    | 50.037 | nq    | 94       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 37599    | 51.852 | nq    | 97       |
| 55) Dibenzofuran               | 15.10 | 168  | 355686   | 50.885 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 53753    | 47.764 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 96190    | 52.723 | nq    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 264692   | 51.398 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 80132    | 54.118 | nq    | 99       |
| 60) Diethylphthalate           | 15.50 | 149  | 313267   | 48.829 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 165478   | 53.496 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 72648    | 51.846 | nq    | 99       |
| 63) Azobenzene                 | 16.03 | 77   | 267192   | 47.588 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 63976    | 54.923 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 260682   | 52.144 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 109057   | 56.805 | nq    | 93       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 113718   | 57.426 | nq    | 98       |
| 69) Atrazine                   | 16.89 | 200  | 96160    | 51.548 | nq    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 68674    | 50.632 | nq    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 452764   | 50.854 | nq    | 99       |
| 72) Anthracene                 | 17.58 | 178  | 449305   | 52.112 | nq    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 445851   | 52.102 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 510919   | 51.108 | nq    | 99       |
| 75) Fluoranthene               | 19.50 | 202  | 551656   | 53.034 | nq    | 97       |
| 77) Benzidine                  | 19.68 | 184  | 253805   | 43.458 | nq    | 99       |
| 78) Pyrene                     | 19.86 | 202  | 556898   | 45.989 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.73 | 149  | 232313   | 47.699 | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 535117   | 50.307 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 216848   | 52.405 | nq    | 96       |
| 83) Chrysene                   | 21.77 | 228  | 507767   | 50.444 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 328710   | 47.617 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 552346   | 46.663 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.81 | 276  | 618481   | 54.064 | nq    | # 89     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 545989   | 50.568 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 520518   | 48.404 | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 516032   | 49.272 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.87 | 278  | 516204   | 51.968 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.00 | 276  | 506799   | 51.425 | nq    | 98       |

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





#1

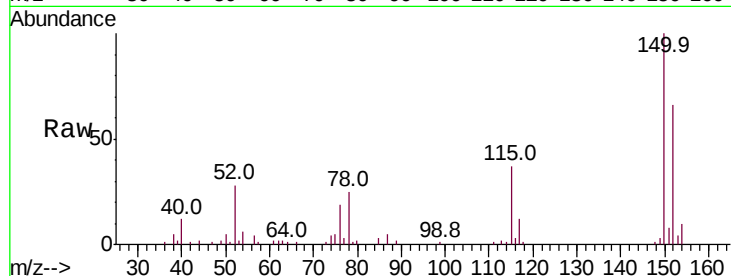
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.5 | 119.5 | 179.3 |
| 115     | 55.7  | 49.6  | 74.4  |

Manual Integrations  
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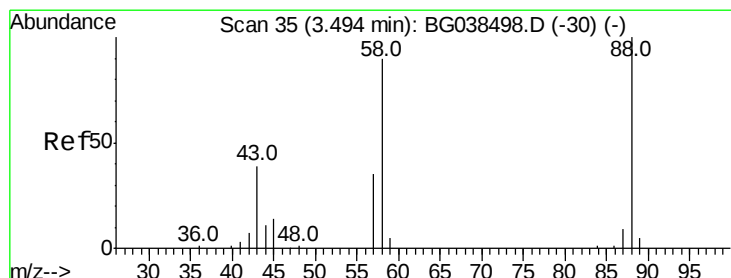
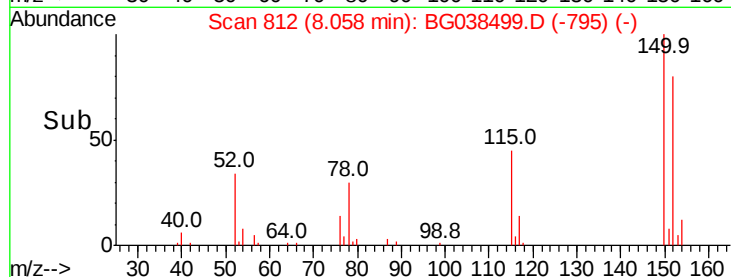
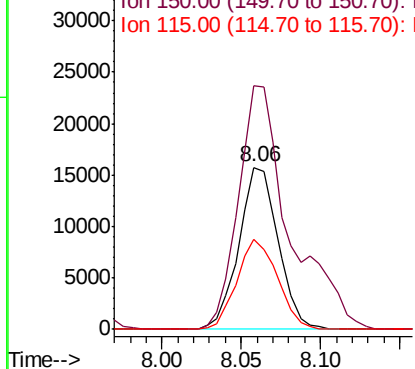


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

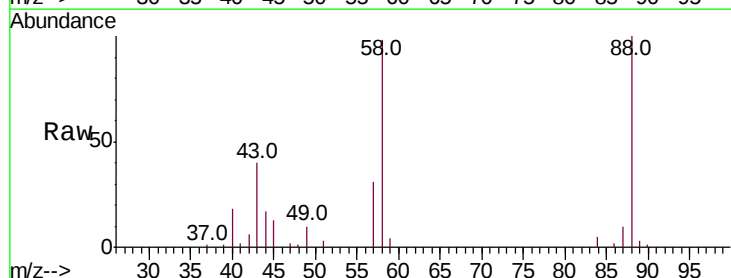
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 51.061 ng  
RT: 3.49 min Scan# 35  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.2  | 75.7  | 113.5 |
| 43      | 38.5  | 31.6  | 47.4  |

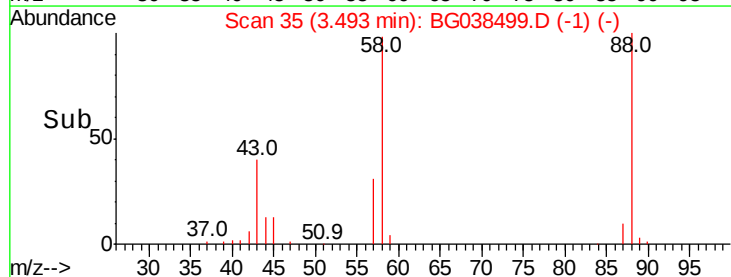
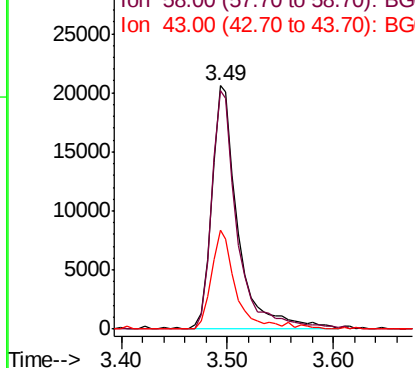


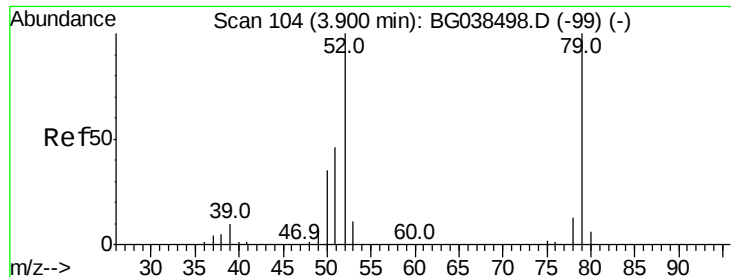
Abundance

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: 45.560 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 95570

Ion Ratio Lower Upper

79 100

52 107.2 80.2 120.2

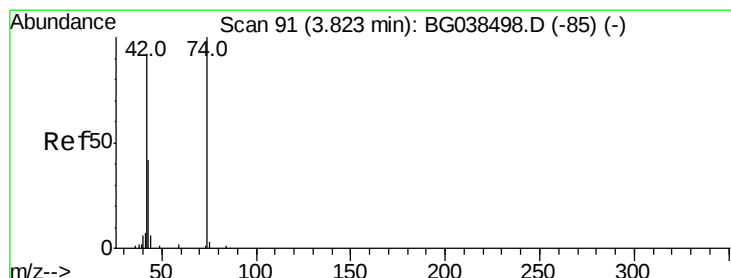
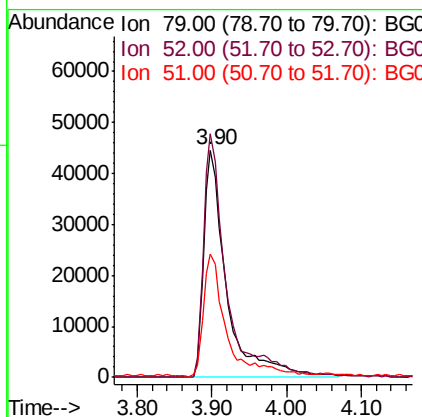
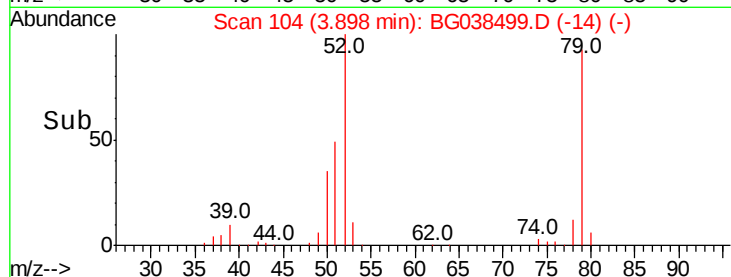
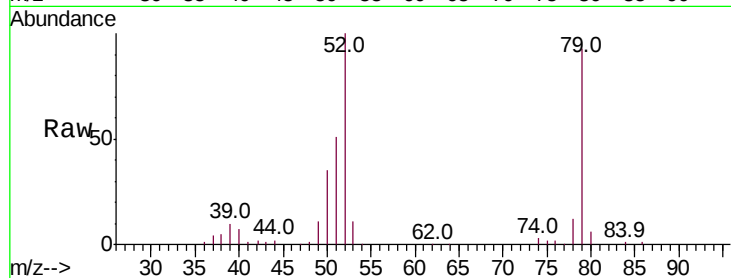
51 54.3 38.0 57.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.544 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

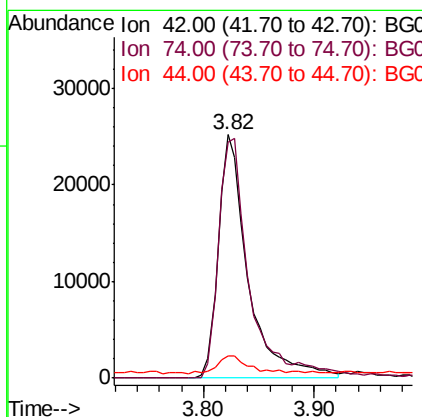
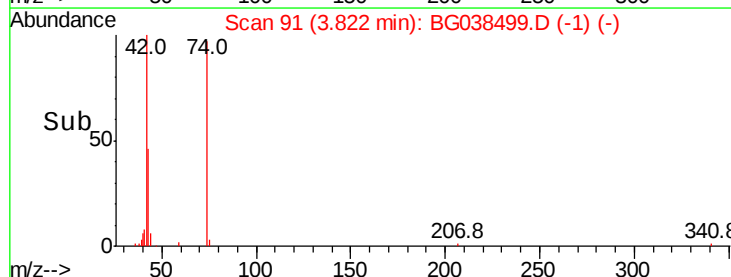
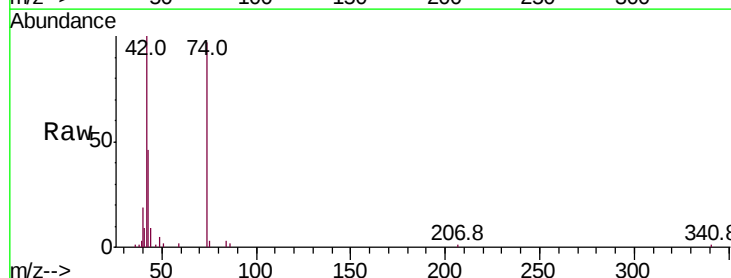
Tgt Ion: 42 Resp: 47361

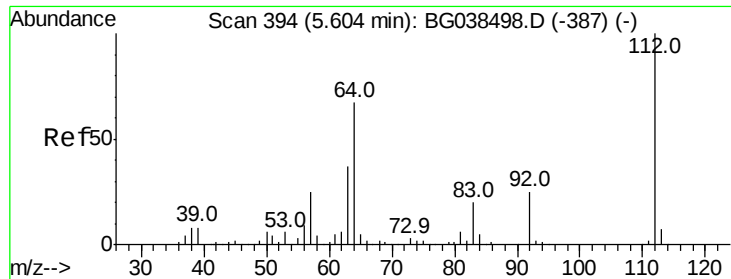
Ion Ratio Lower Upper

42 100

74 96.8 86.7 130.1

44 9.0 7.8 11.8





#5

2-Fluorophenol

Concen: 100.281 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

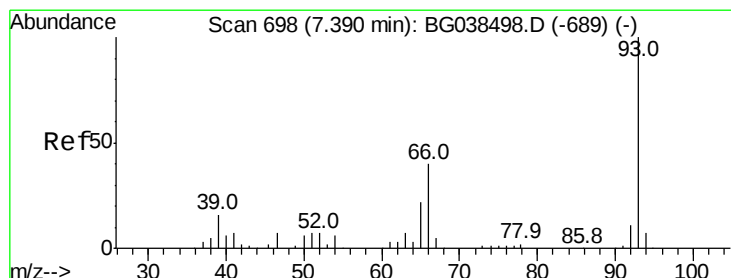
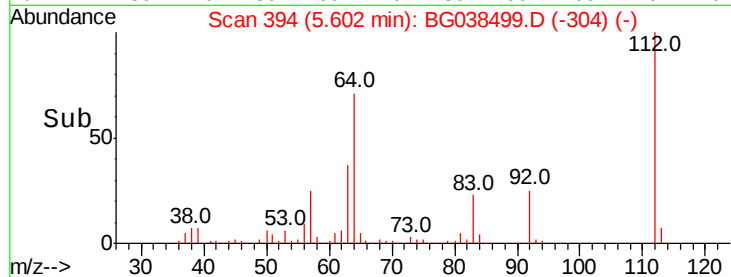
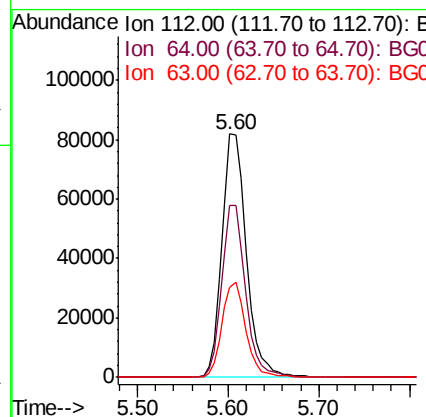
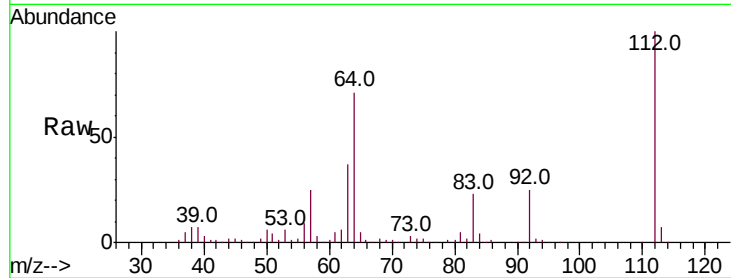
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 153416 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.7  | 53.4  | 80.2   |
| 63        | 37.1  | 29.3  | 43.9   |

Manual Integrations  
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#6

Aniline

Concen: 48.152 ng

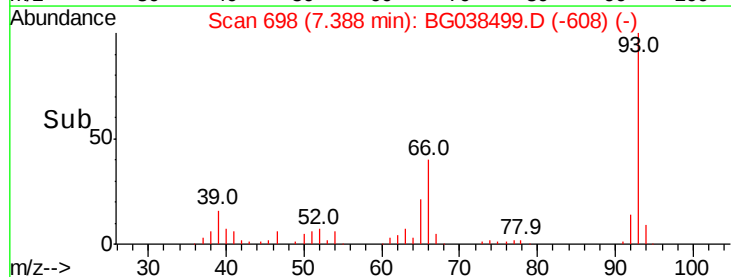
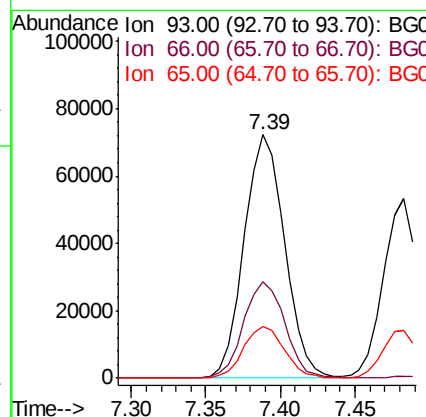
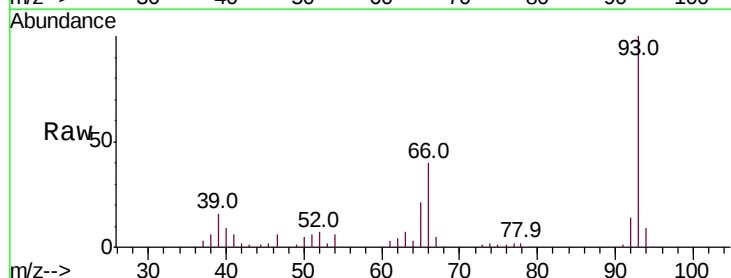
RT: 7.39 min Scan# 698

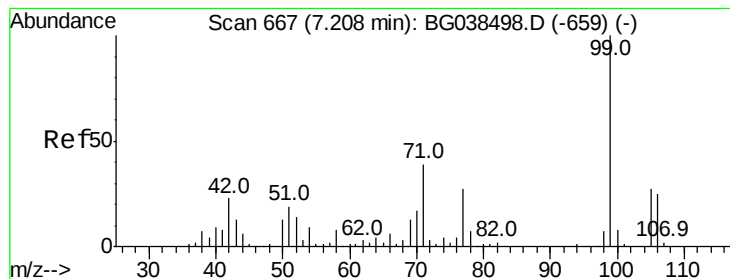
Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 135988 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.7  | 31.7  | 47.5   |
| 65        | 21.3  | 17.8  | 26.6   |





#7

Phenol-d6

Concen: 95.906 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

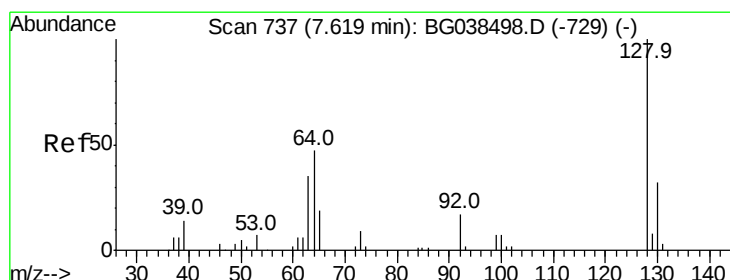
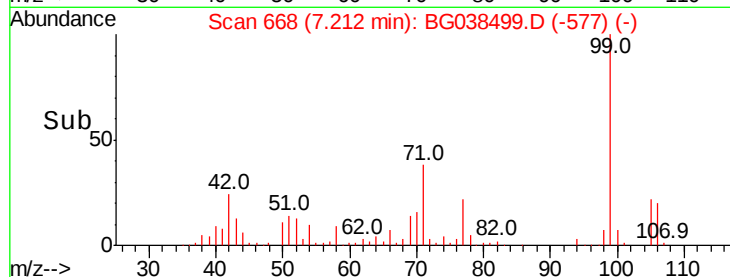
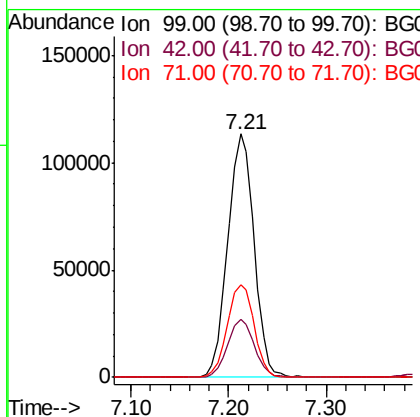
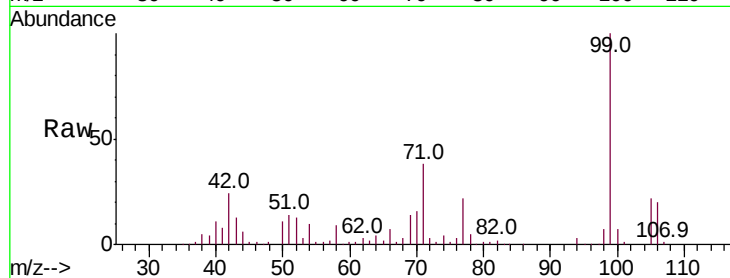
ClientSampled :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 212063 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 24.0  | 18.5  | 27.7   |
| 71        | 38.1  | 31.1  | 46.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 50.089 ng

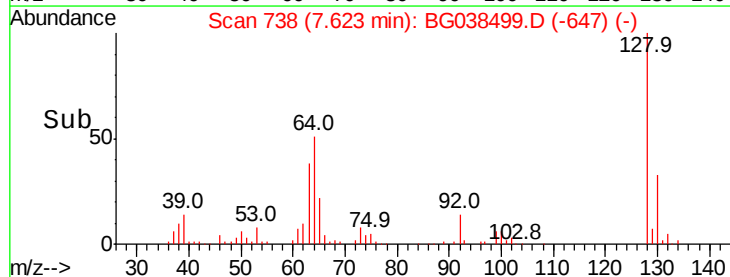
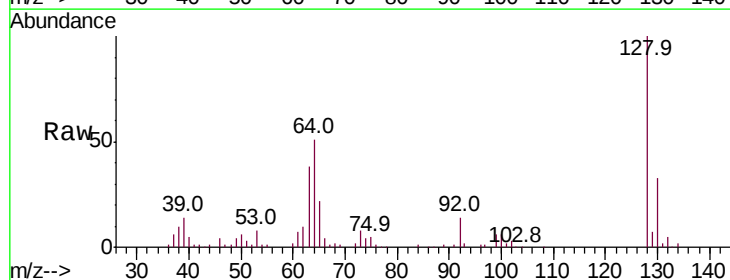
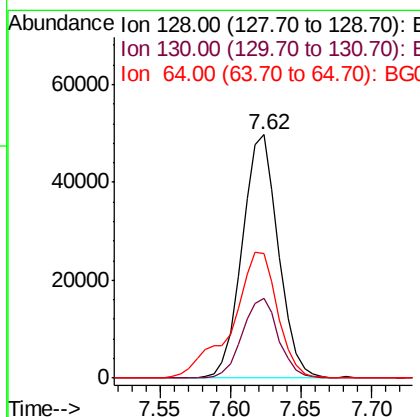
RT: 7.62 min Scan# 738

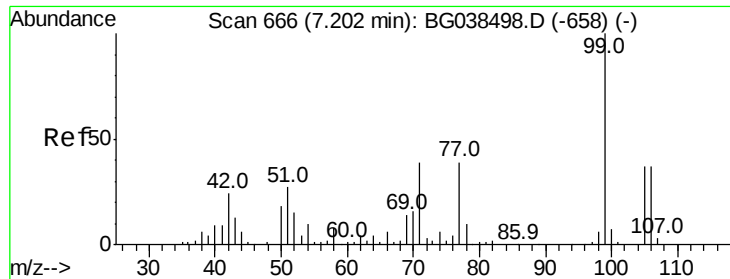
Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 88995 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.7  | 11.8  | 51.8  |
| 64        | 51.4  | 33.2  | 73.2  |





#9

Benzaldehyde

Concen: 43.035 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

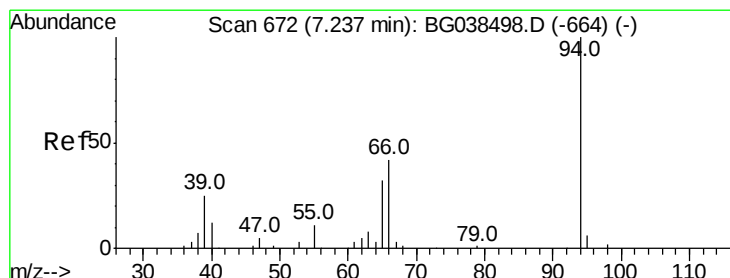
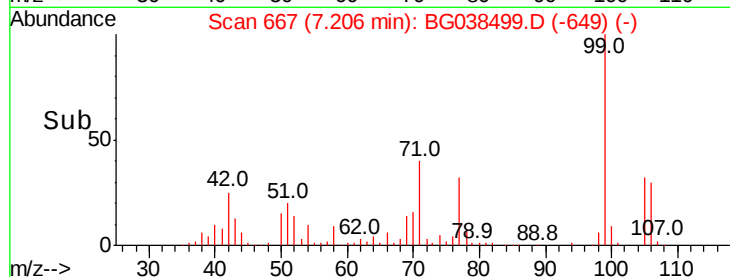
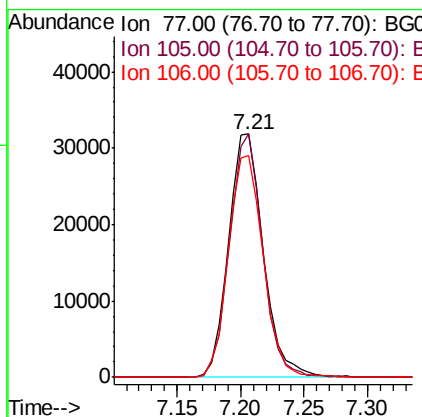
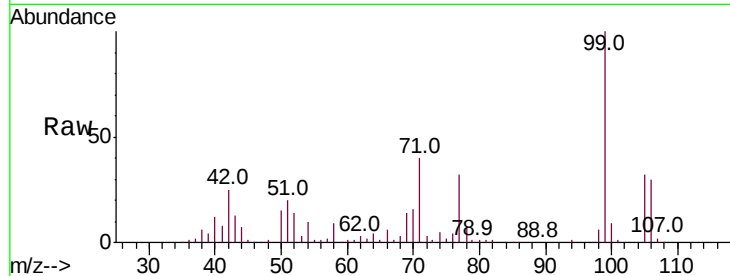
ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 60256  
 Ion Ratio Lower Upper  
 77 100  
 105 100.0 74.0 114.0  
 106 90.9 73.9 113.9

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#10

Phenol

Concen: 48.239 ng

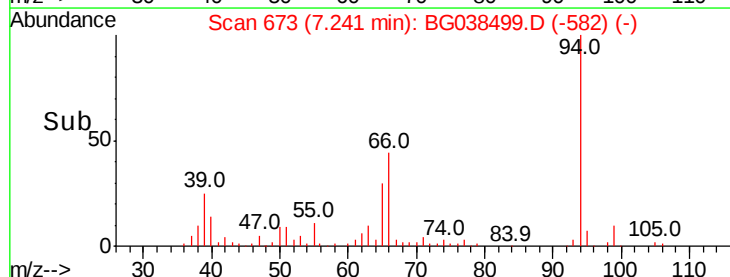
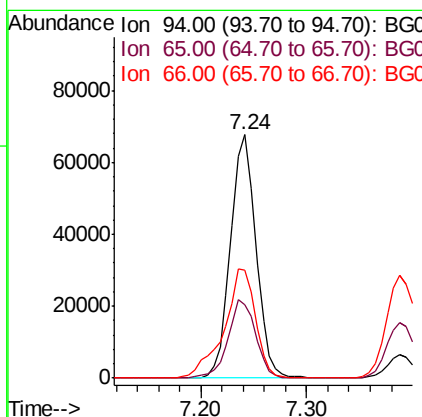
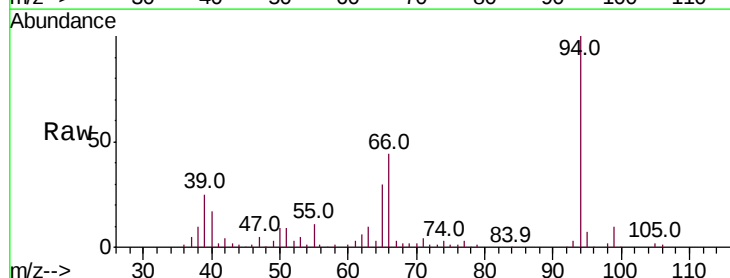
RT: 7.24 min Scan# 673

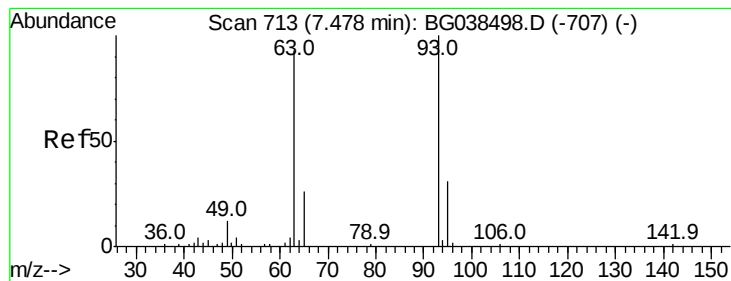
Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Tgt Ion: 94 Resp: 112697  
 Ion Ratio Lower Upper  
 94 100  
 65 30.1 12.6 52.6  
 66 44.5 24.1 64.1





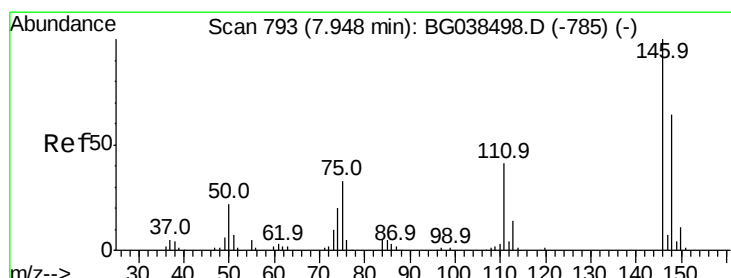
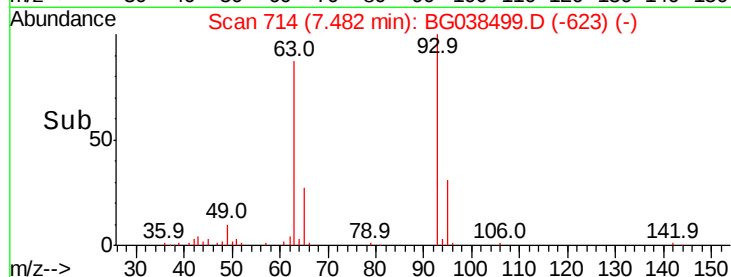
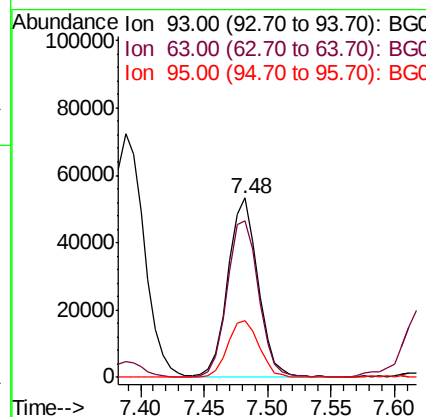
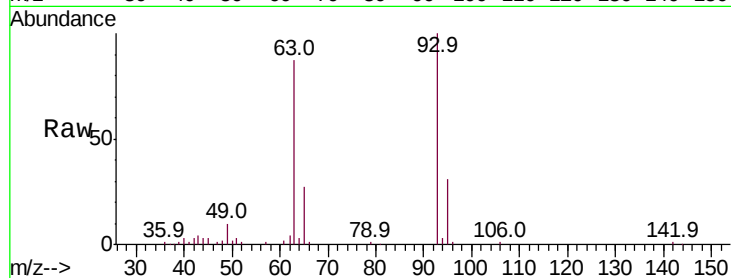
#11  
bis(2-Chloroethyl)ether  
Concen: 46.165 ng  
RT: 7.48 min Scan# 714  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.3  | 72.2  | 112.2 |
| 95      | 31.4  | 11.2  | 51.2  |

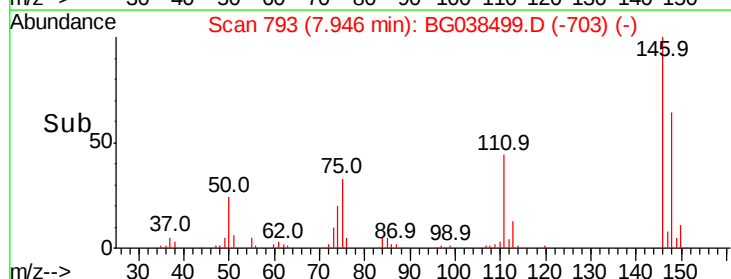
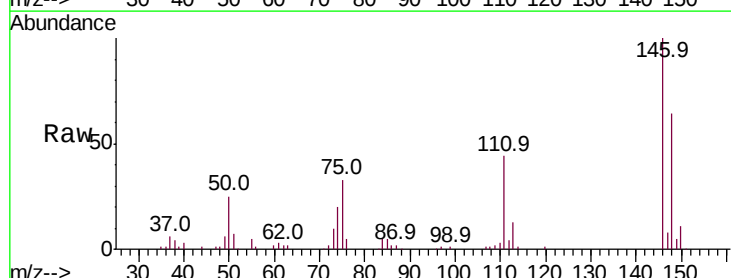
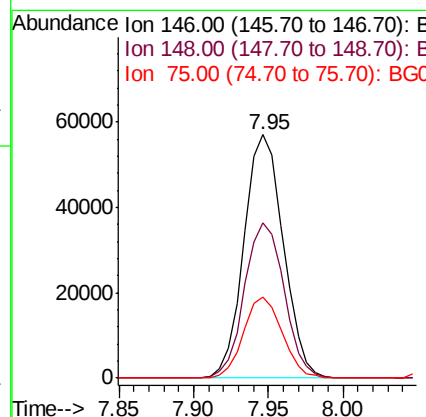
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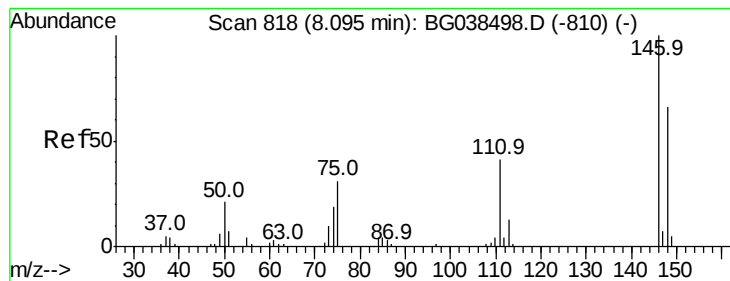
Sohil  
12/13/2018 3:06:44 PM



#12  
1,3-Dichlorobenzene  
Concen: 50.029 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.4  | 77.0  |
| 75      | 33.1  | 26.1  | 39.1  |





#13

1,4-Dichlorobenzene

Concen: 48.827 ng

RT: 8.10 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

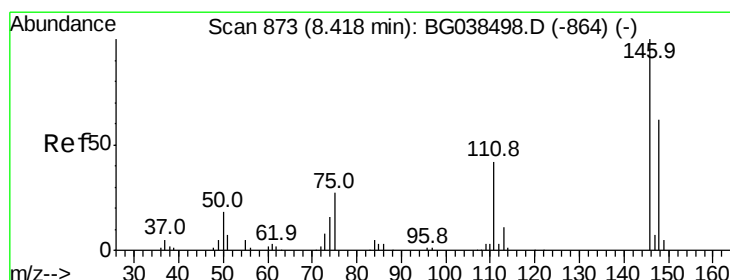
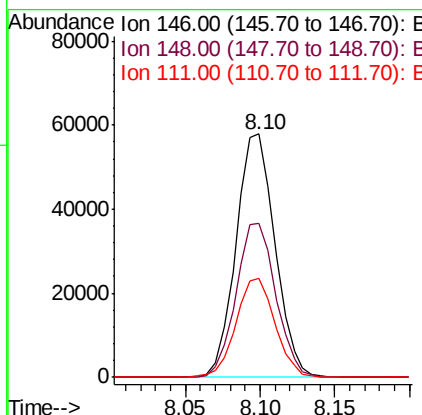
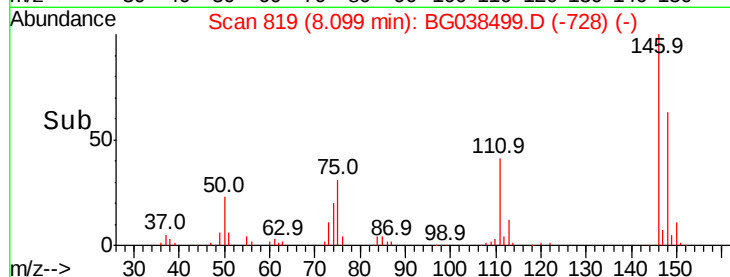
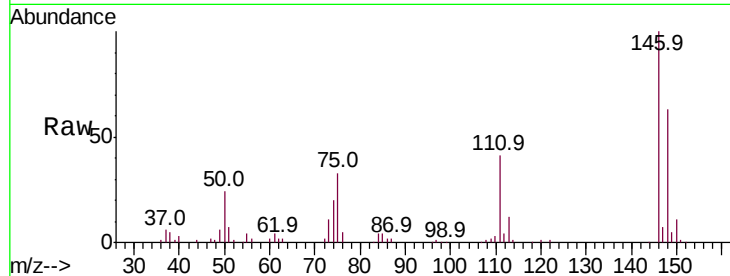
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 104909 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 52.4  | 78.6   |
| 111       | 40.9  | 33.0  | 49.4   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 46.961 ng

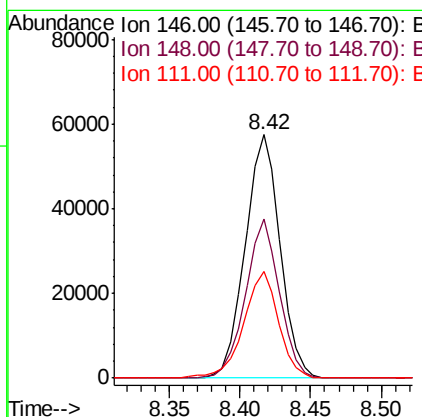
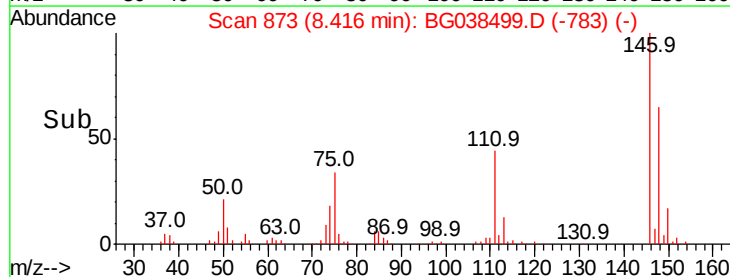
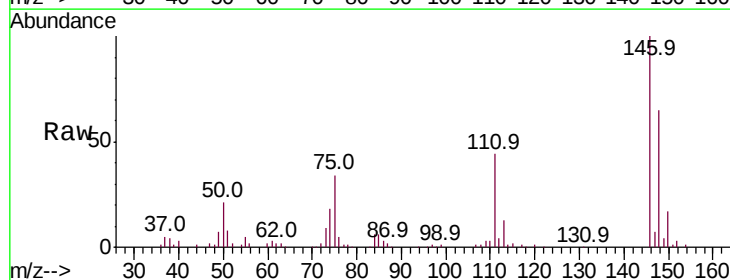
RT: 8.42 min Scan# 873

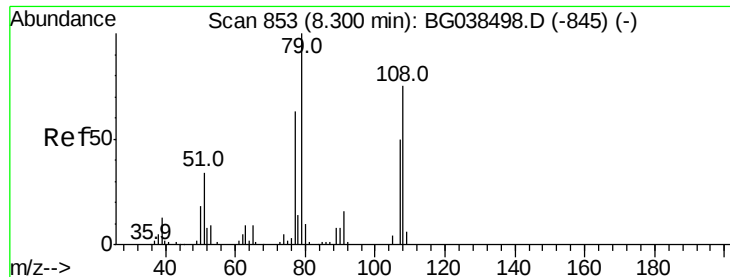
Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 99695 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 65.2  | 49.4  | 74.0  |
| 111       | 43.6  | 33.8  | 50.6  |





#15

Benzyl Alcohol

Concen: 46.931 ng

RT: 8.30 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

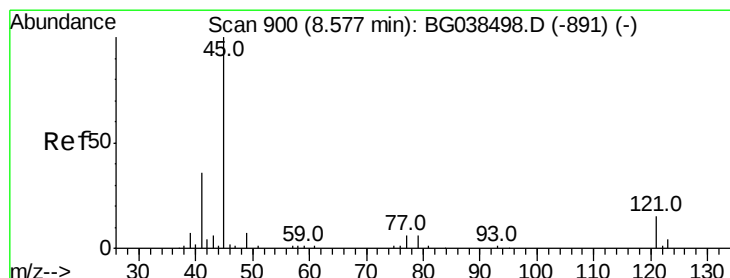
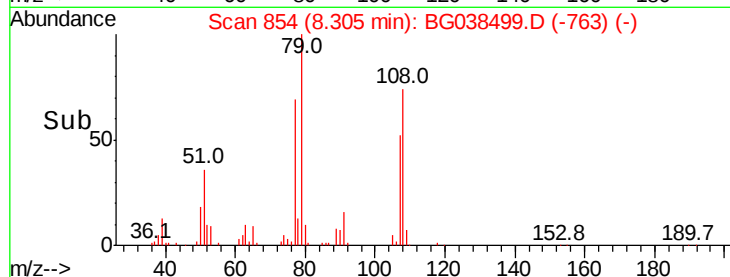
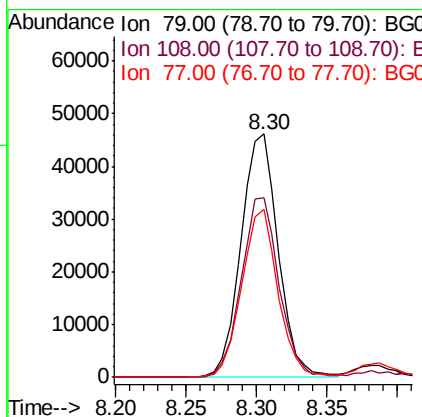
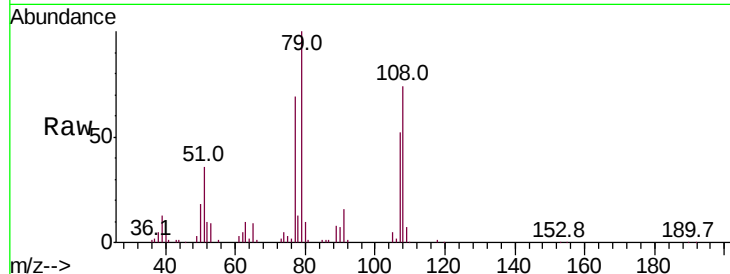
ClientSampleId :

SSTDIC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 85314 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 73.7  | 60.2  | 90.4  |
| 77        | 69.3  | 50.7  | 76.1  |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.549 ng

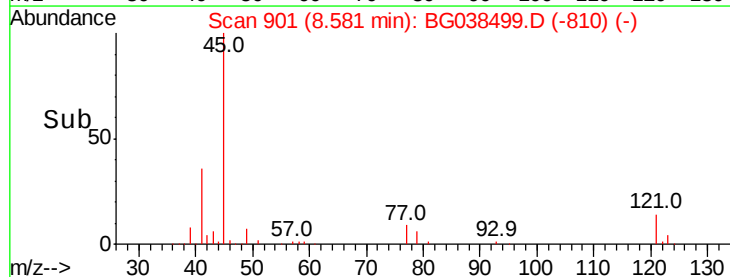
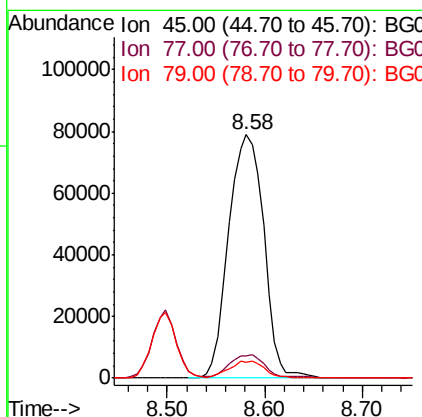
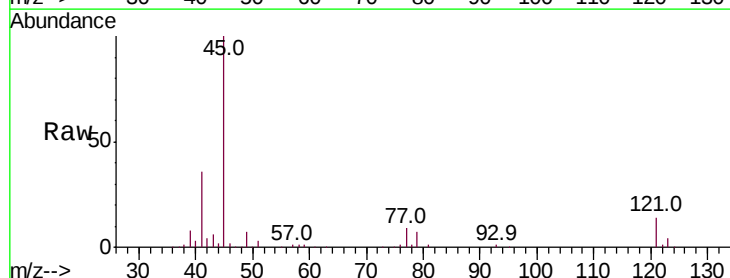
RT: 8.58 min Scan# 901

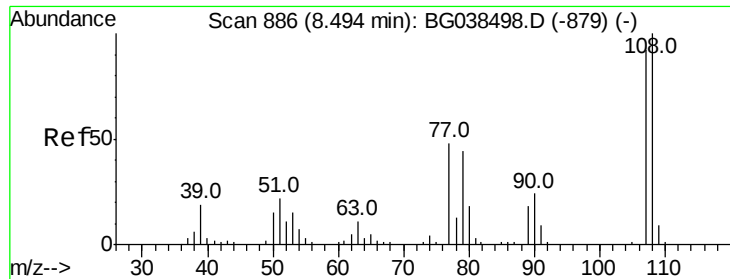
Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 198233 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 9.1   | 0.0   | 28.2   |
| 79        | 6.7   | 0.0   | 27.2   |





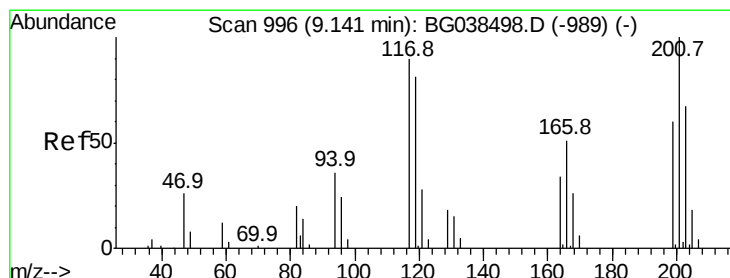
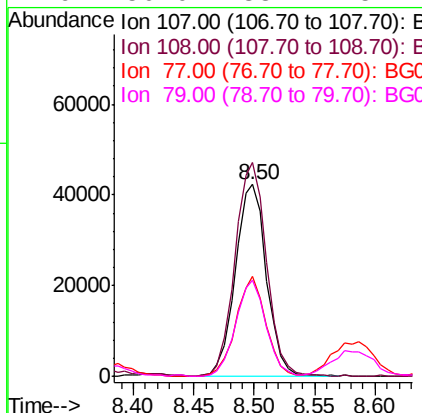
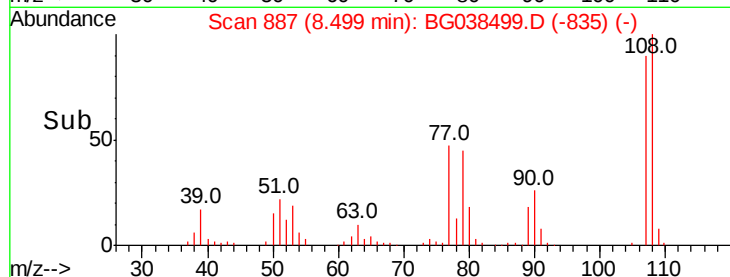
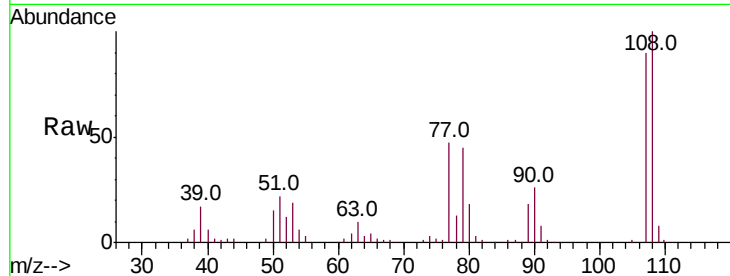
#17  
2-Methylphenol  
Concen: 42.787 ng  
RT: 8.50 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.6 | 87.1  | 130.7 |
| 77      | 52.2  | 42.0  | 63.0  |
| 79      | 50.0  | 38.2  | 57.2  |

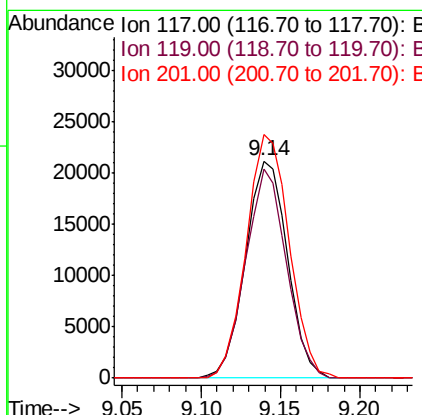
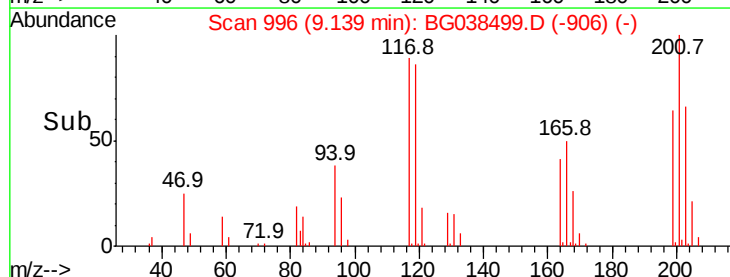
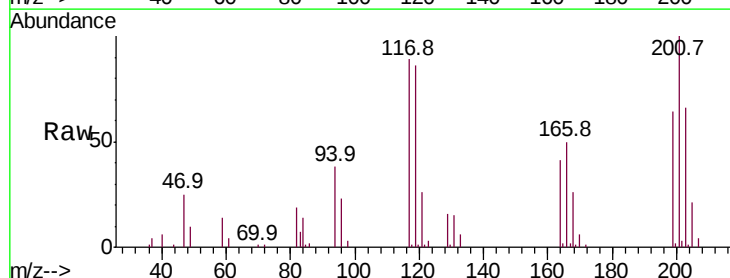
Manual Integrations  
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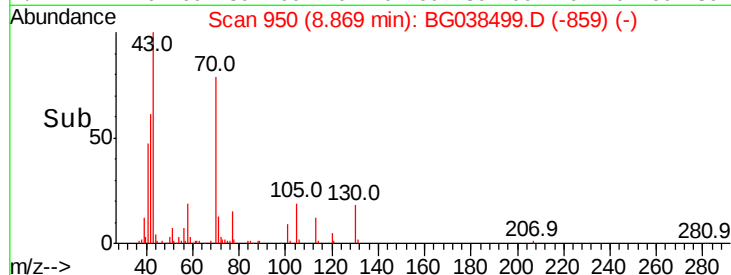
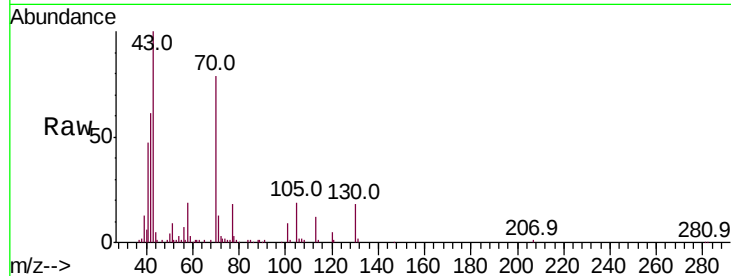
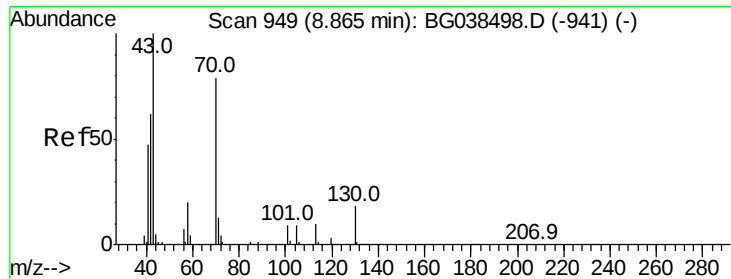
Sohil  
12/13/2018 3:06:44 PM



#18  
Hexachloroethane  
Concen: 50.345 ng  
RT: 9.14 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 73.8  | 110.8 |
| 201     | 113.7 | 89.4  | 134.0 |





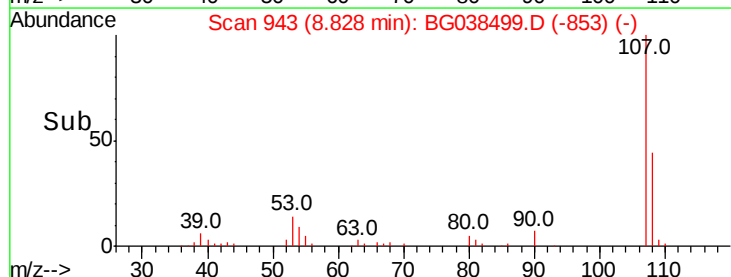
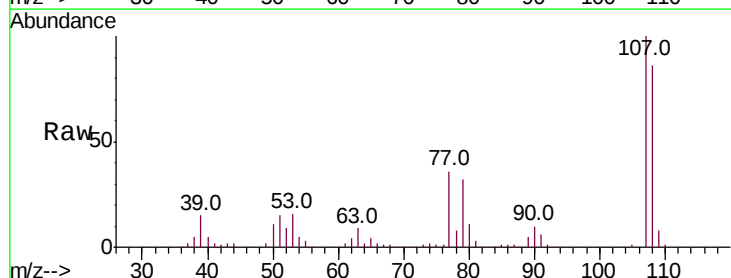
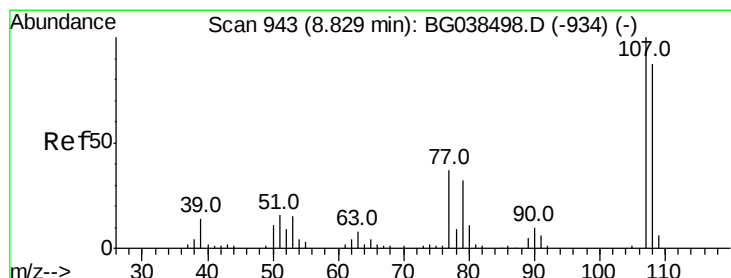
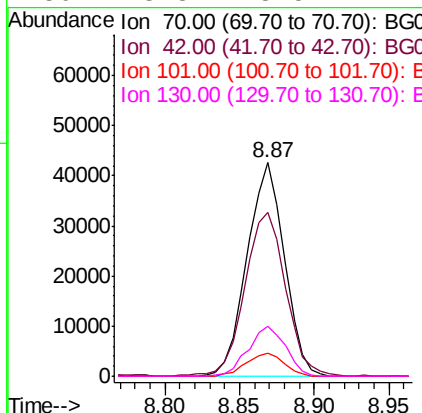
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.182 ng  
RT: 8.87 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 77.0  | 63.6  | 95.4  |
| 101     | 10.9  | 9.2   | 13.8  |
| 130     | 23.3  | 18.5  | 27.7  |

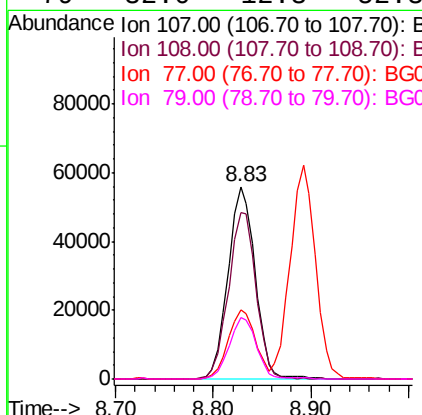
Manual Integrations  
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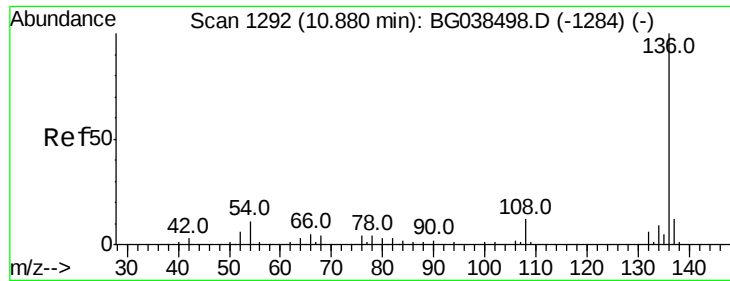
Sohil  
12/13/2018 3:06:44 PM



#20  
3+4-Methylphenols  
Concen: 45.773 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.3  | 66.7  | 106.7 |
| 77      | 36.2  | 17.3  | 57.3  |
| 79      | 32.0  | 12.3  | 52.3  |





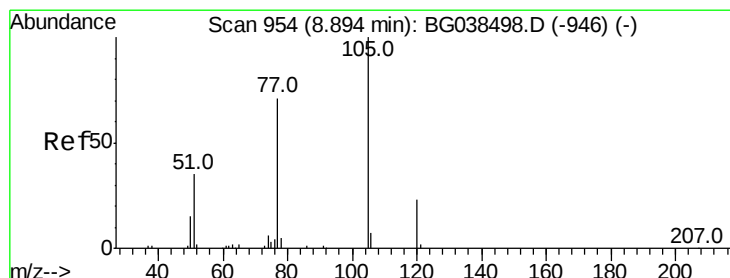
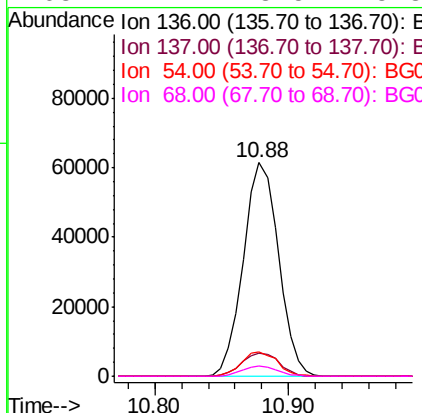
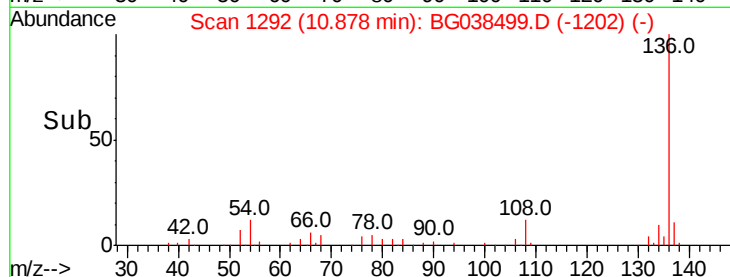
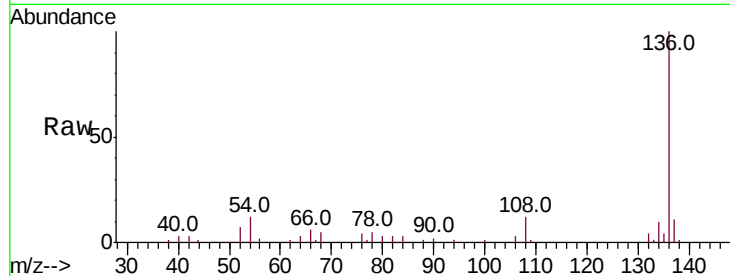
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 112235 |       |       |
| 137     | 10.9  | 9.3    | 13.9  |       |
| 54      | 11.5  | 8.5    | 12.7  |       |
| 68      | 4.7   | 3.5    | 5.3   |       |

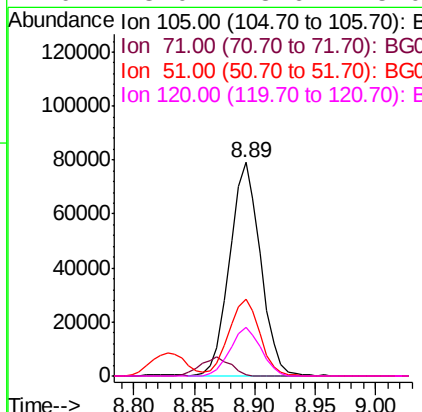
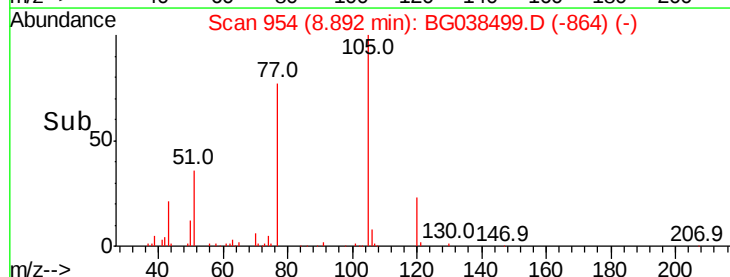
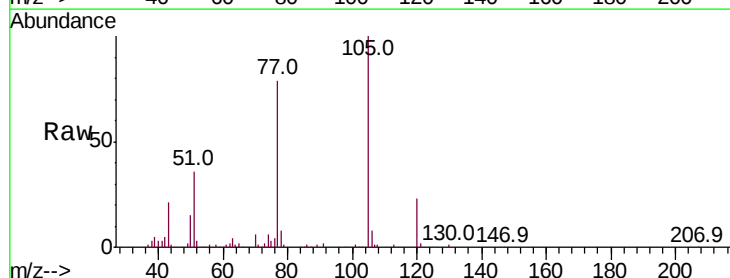
Manual Integrations  
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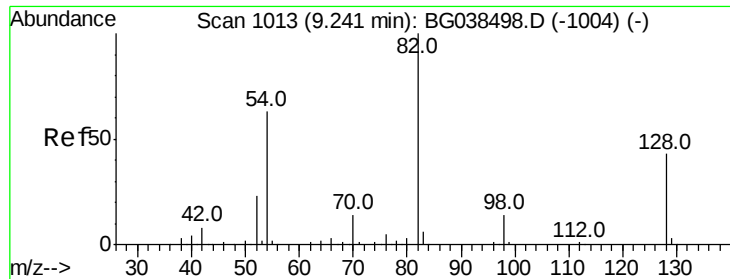
Sohil  
12/13/2018 3:06:44 PM



#22  
Acetophenone  
Concen: 47.762 ng  
RT: 8.89 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 140318 |       |       |
| 71      | 0.6   | 0.4    | 0.6#  |       |
| 51      | 36.2  | 30.6   | 46.0  |       |
| 120     | 23.0  | 18.6   | 28.0  |       |





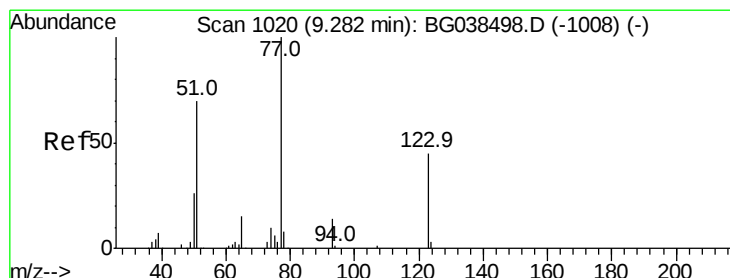
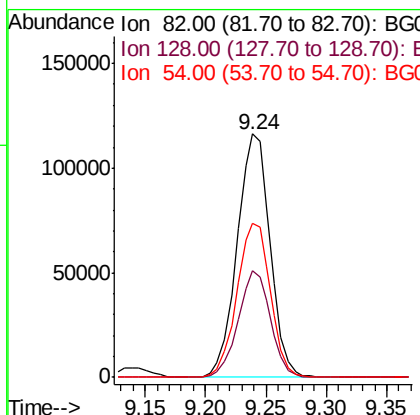
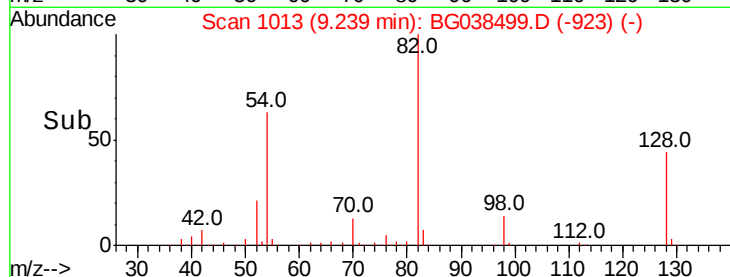
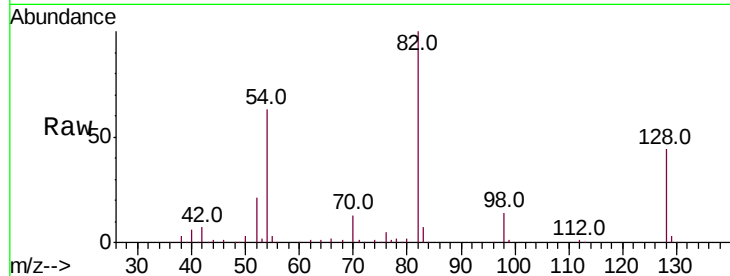
#23  
Nitrobenzene-d5  
Concen: 97.370 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.0  | 34.6  | 52.0  |
| 54      | 63.4  | 50.6  | 76.0  |

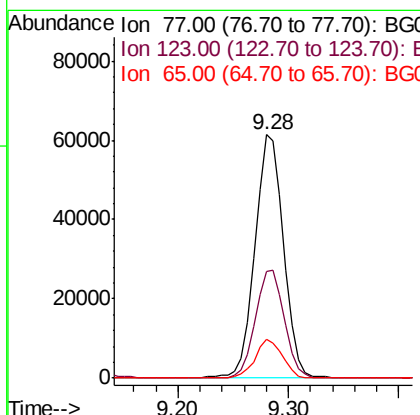
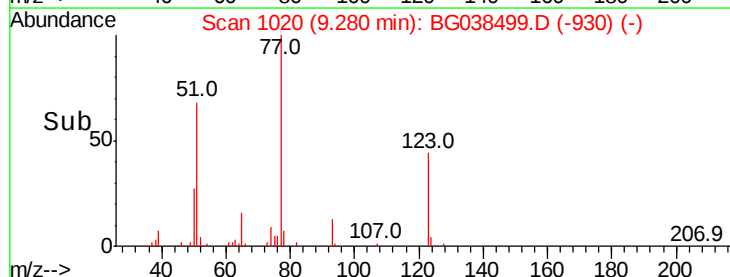
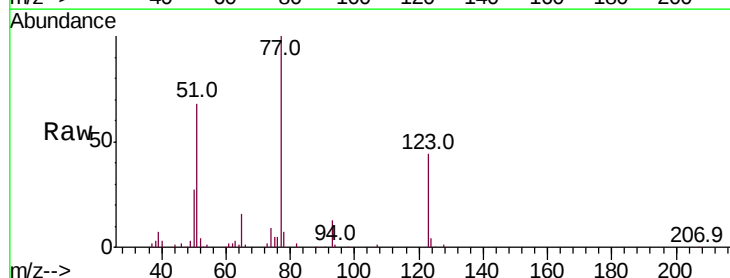
Manual Integrations  
APPROVED

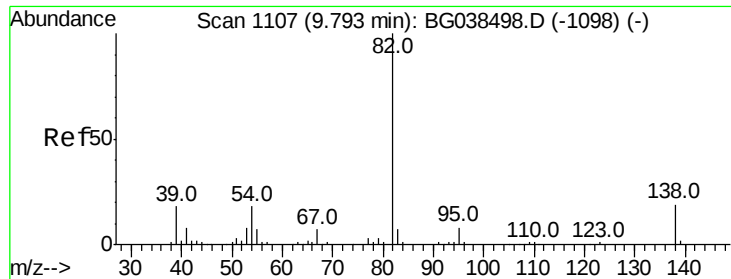
Sohil  
12/13/2018 3:06:44 PM



#24  
Nitrobenzene  
Concen: 48.534 ng  
RT: 9.28 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.6  | 35.9  | 53.9  |
| 65      | 15.9  | 12.0  | 18.0  |





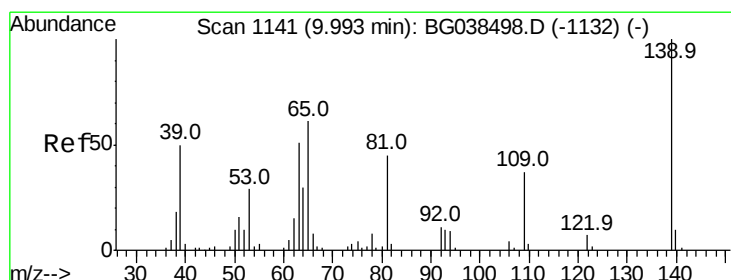
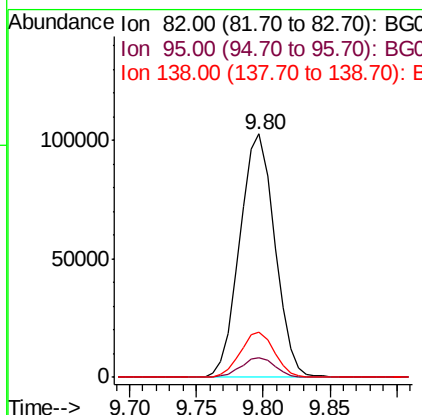
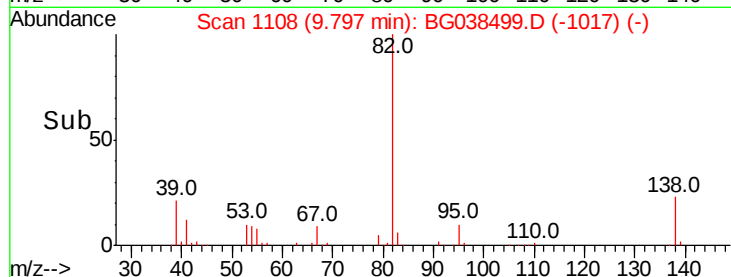
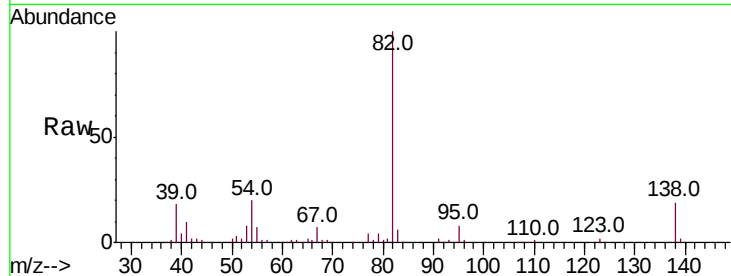
#25  
Isophorone  
Concen: 47.167 ng  
RT: 9.80 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.2   | 6.1  | 9.1   |       |
| 138     | 18.8  | 14.9 | 22.3  |       |

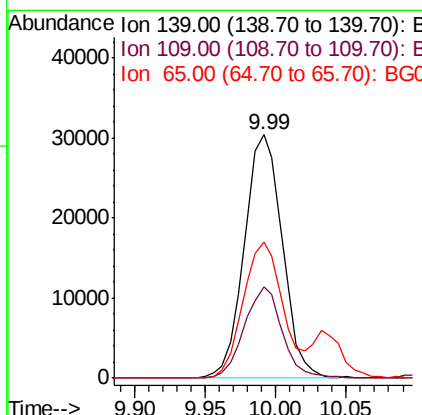
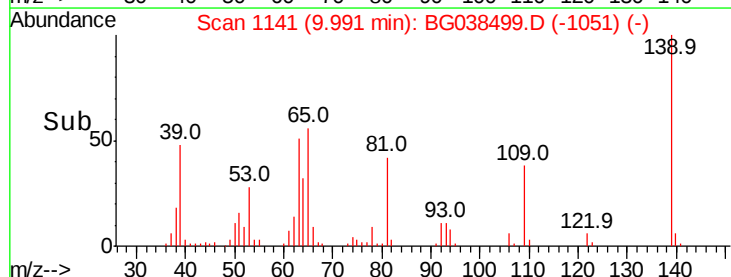
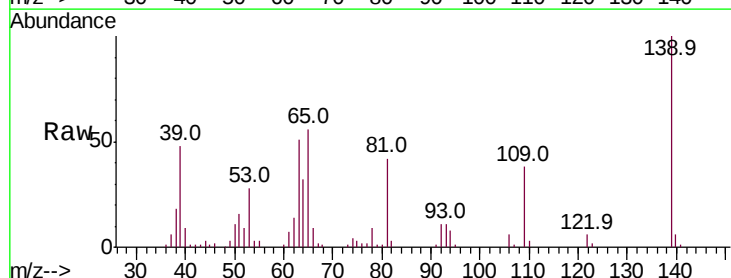
Manual Integrations  
APPROVED

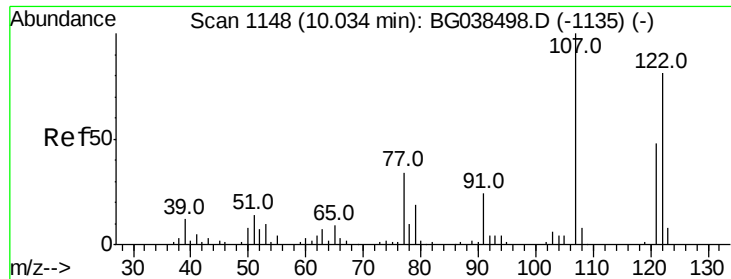
Sohil  
12/13/2018 3:06:44 PM



#26  
2-Nitrophenol  
Concen: 53.857 ng  
RT: 9.99 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 37.5  | 29.5 | 44.3  |       |
| 65      | 56.1  | 48.5 | 72.7  |       |





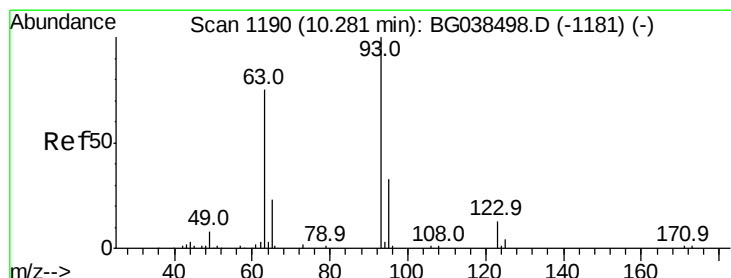
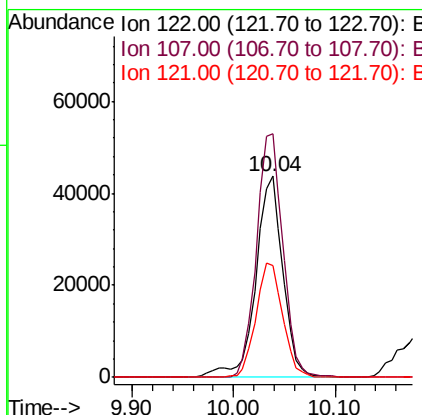
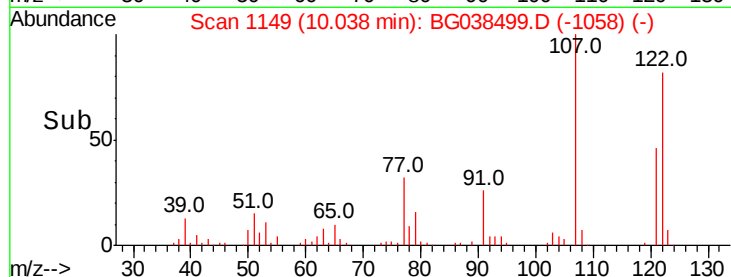
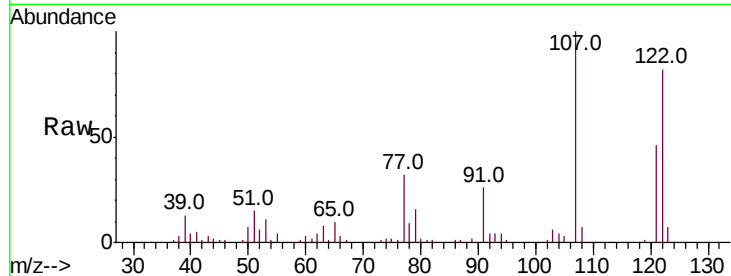
#27  
 2,4-Dimethylphenol  
 Concen: 52.839 ng  
 RT: 10.04 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.2 | 98.4  | 147.6 |
| 121     | 55.6  | 47.2  | 70.8  |

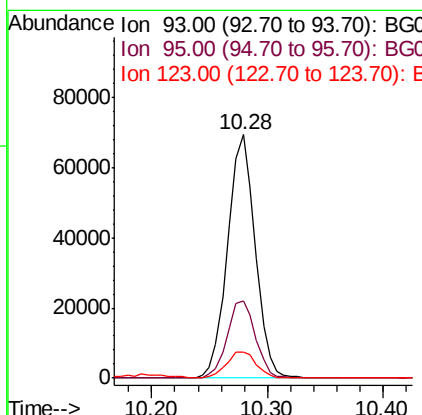
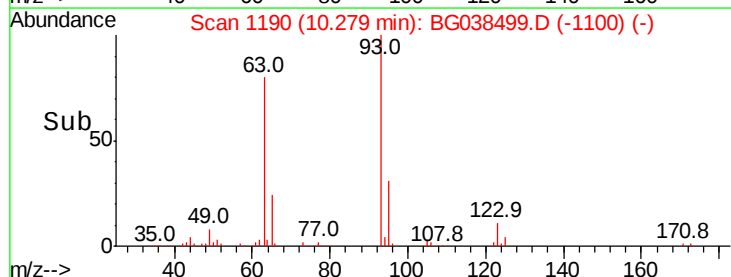
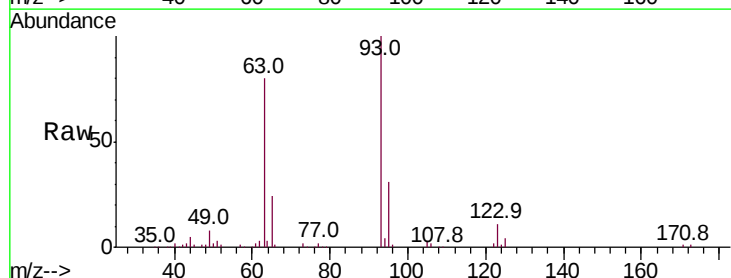
Manual Integrations  
 APPROVED

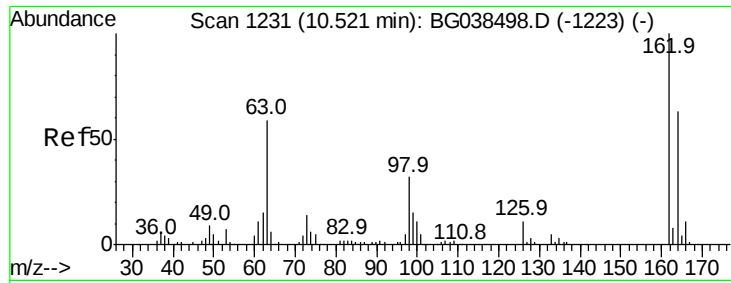
Sohil  
 12/13/2018 3:06:44 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.517 ng  
 RT: 10.28 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.5  | 26.6  | 40.0  |
| 123     | 10.9  | 10.6  | 16.0  |





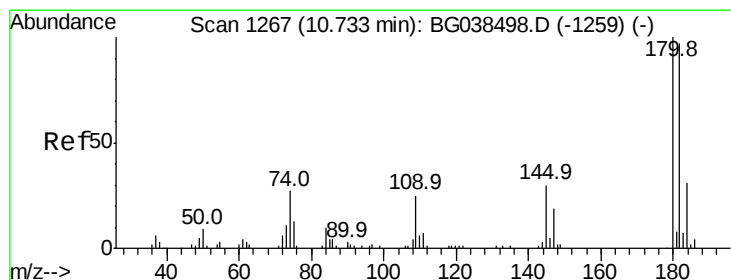
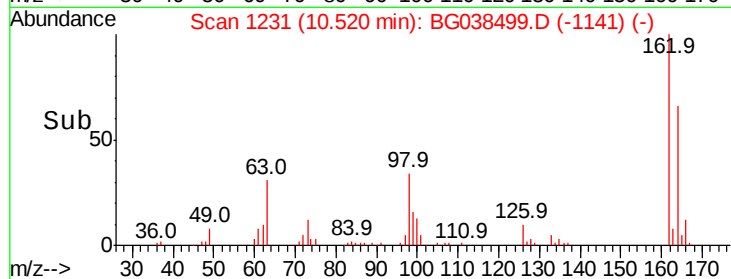
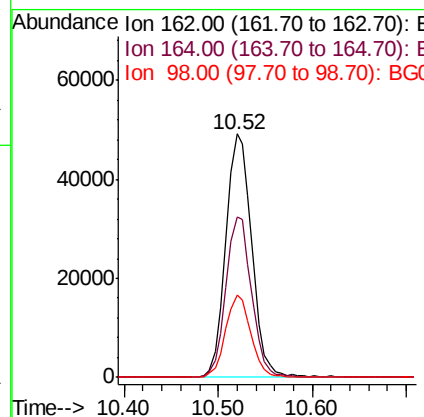
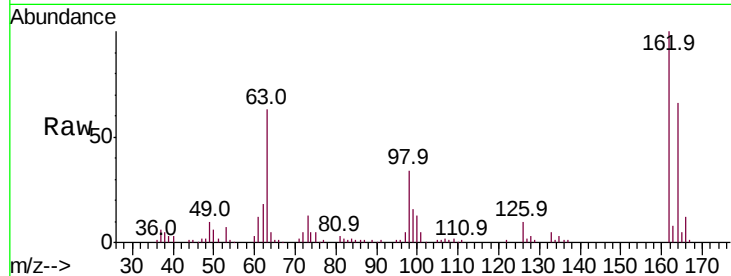
#29  
 2,4-Dichlorophenol  
 Concen: 54.071 ng  
 RT: 10.52 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 42.9  | 82.9  |
| 98      | 33.6  | 12.1  | 52.1  |

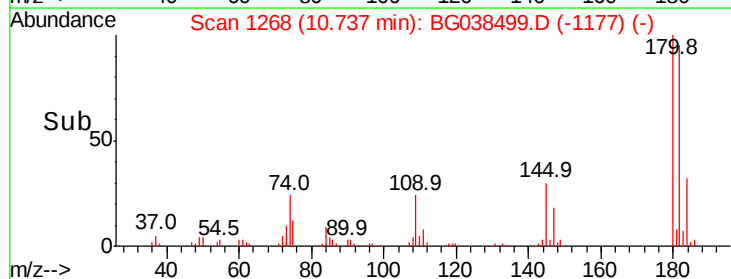
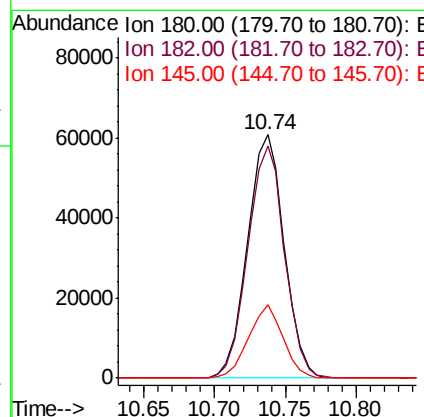
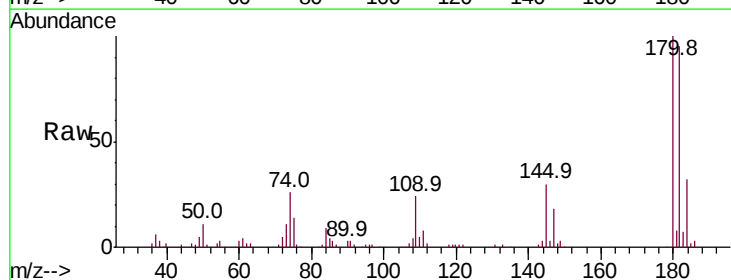
Manual Integrations  
 APPROVED

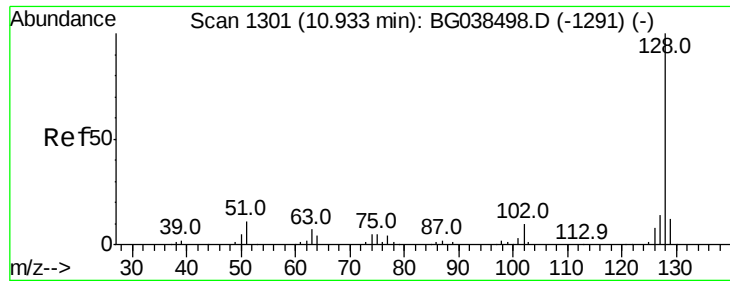
Sohil  
 12/13/2018 3:06:44 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 54.038 ng  
 RT: 10.74 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 77.4  | 116.0 |
| 145     | 30.0  | 24.1  | 36.1  |





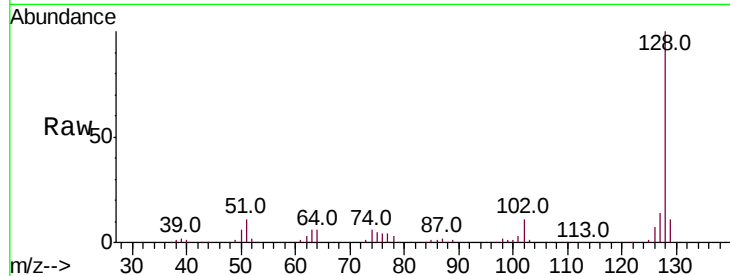
#31  
Naphthalene  
Concen: 51.019 ng  
RT: 10.93 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.5   | 14.3  |
| 127     | 13.8  | 10.9  | 16.3  |

Manual Integrations  
APPROVED

Sohil  
12/13/2018 3:06:44 PM

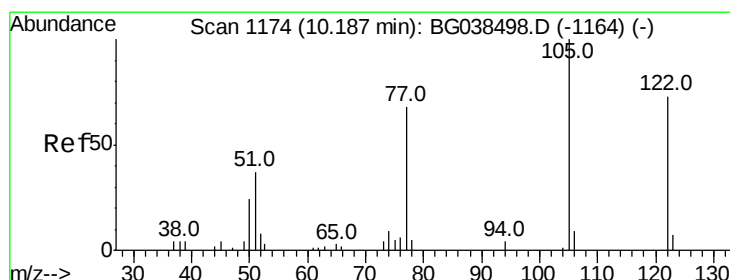
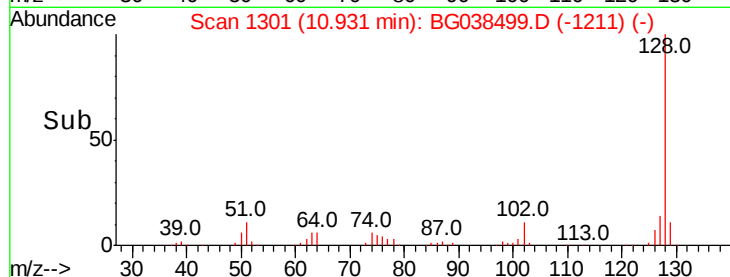
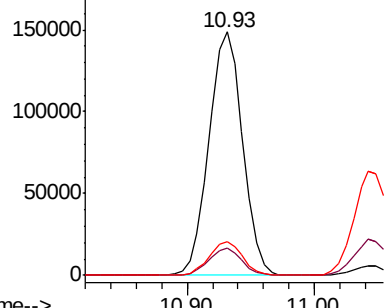


Abundance

Ion 128.00 (127.70 to 128.70): E

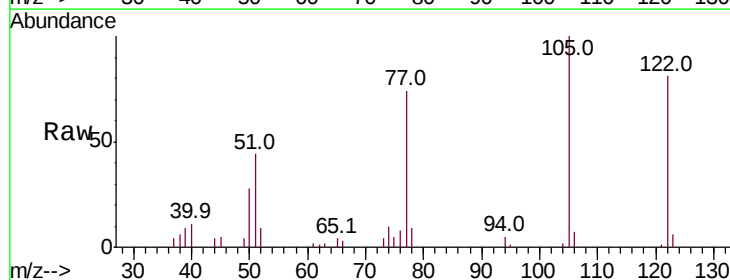
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 50.824 ng m  
RT: 10.20 min Scan# 1177  
Delta R.T. 0.02 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.0 | 116.7 | 156.7 |
| 77      | 91.3  | 72.5  | 112.5 |

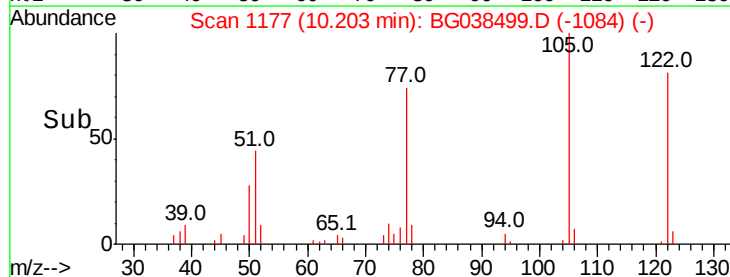
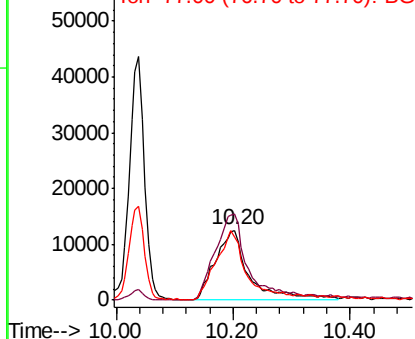


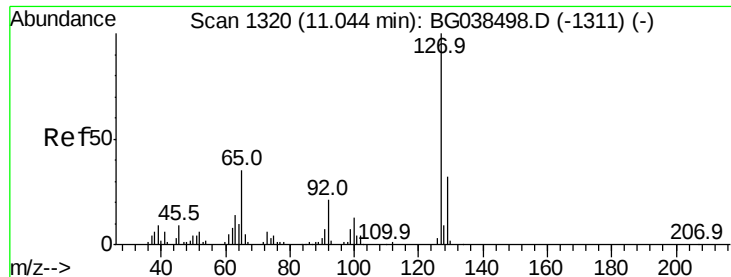
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





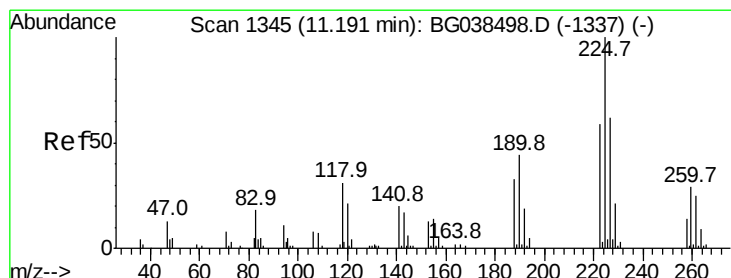
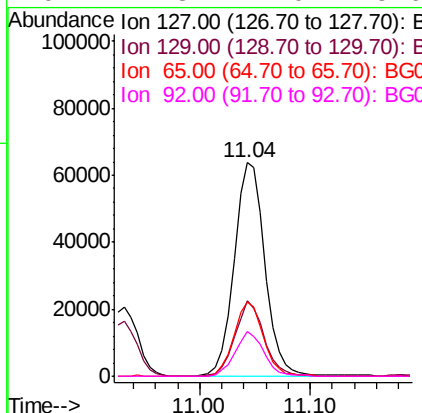
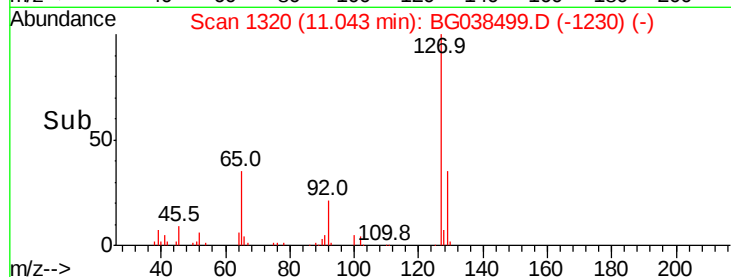
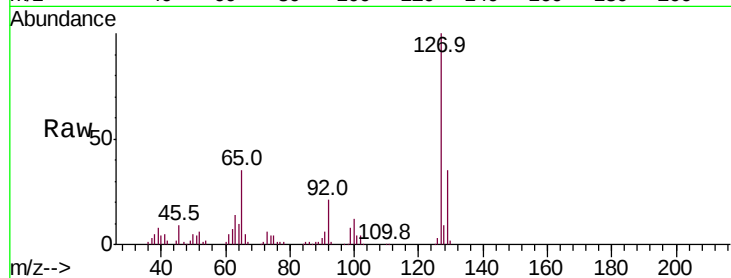
#33  
4-Chloroaniline  
Concen: 52.385 ng  
RT: 11.04 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 35.1  | 25.8 | 38.8  |       |
| 65      | 35.0  | 27.8 | 41.6  |       |
| 92      | 21.3  | 17.0 | 25.6  |       |

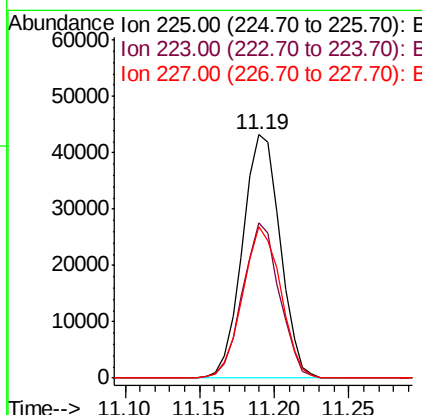
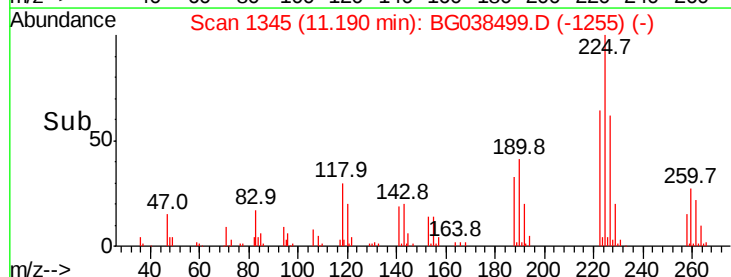
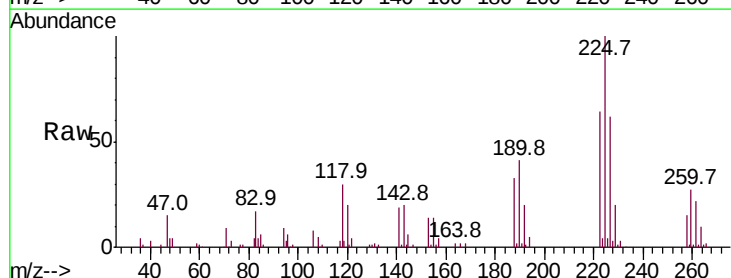
Manual Integrations  
APPROVED

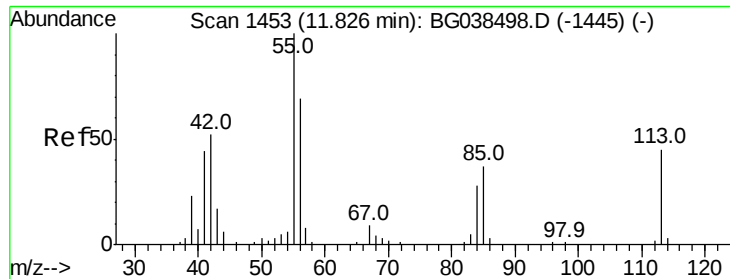
Sohil  
12/13/2018 3:06:44 PM



#34  
Hexachlorobutadiene  
Concen: 58.780 ng  
RT: 11.19 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 67.4  | 45.0 | 67.6  |       |
| 227     | 65.3  | 50.6 | 75.8  |       |





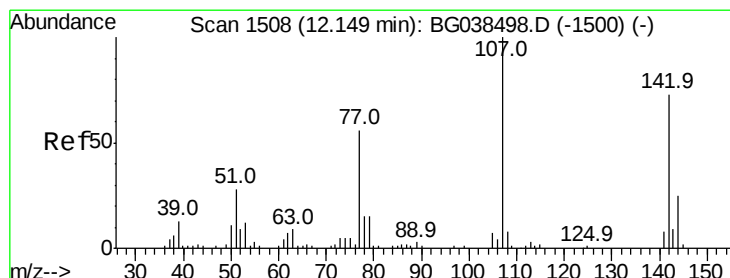
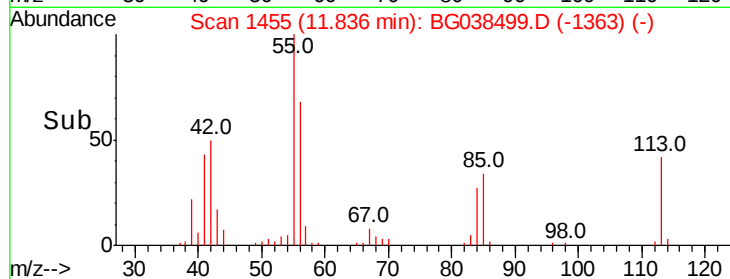
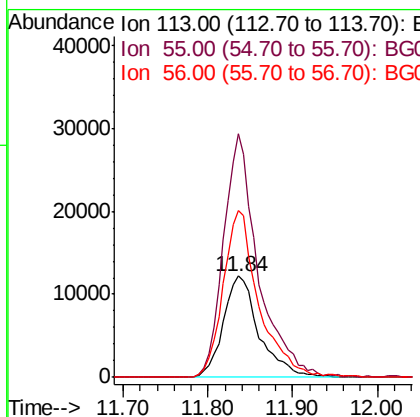
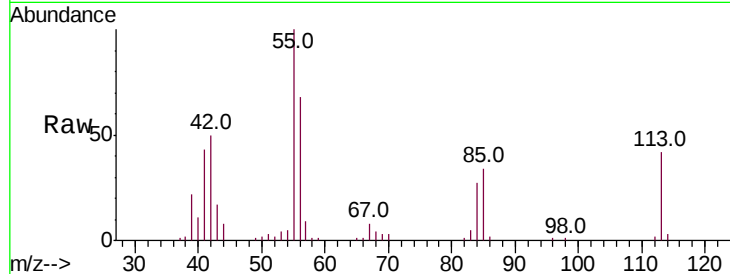
#35  
 Caprolactam  
 Concen: 49.488 ng  
 RT: 11.84 min Scan# 1455  
 Delta R.T. 0.01 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 240.4 | 204.3 | 244.3 |
| 56      | 164.4 | 135.0 | 175.0 |

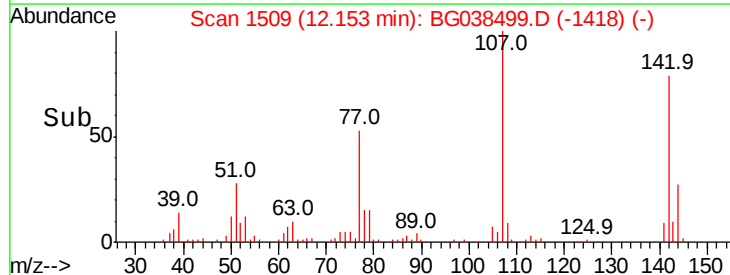
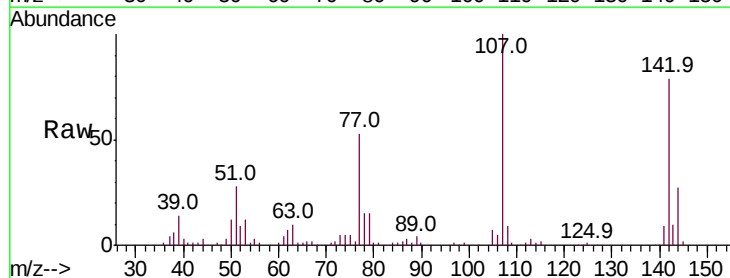
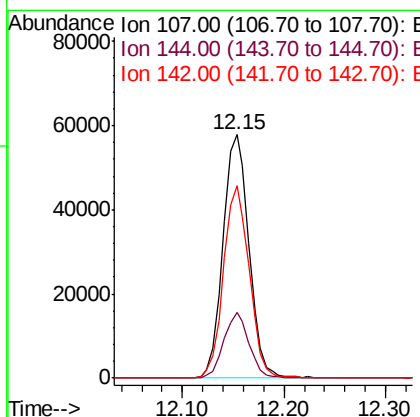
Manual Integrations  
 APPROVED

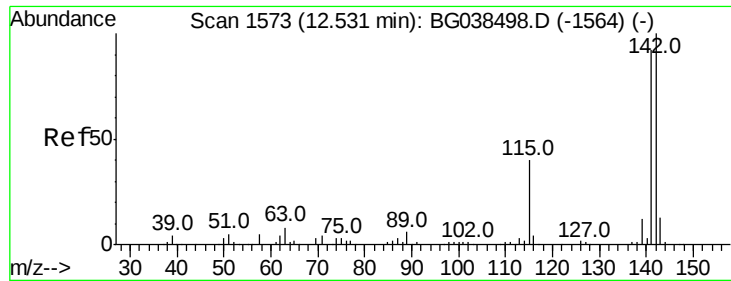
Sohil  
 12/13/2018 3:06:44 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.942 ng  
 RT: 12.15 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.7  | 20.1  | 30.1  |
| 142     | 78.9  | 58.7  | 88.1  |





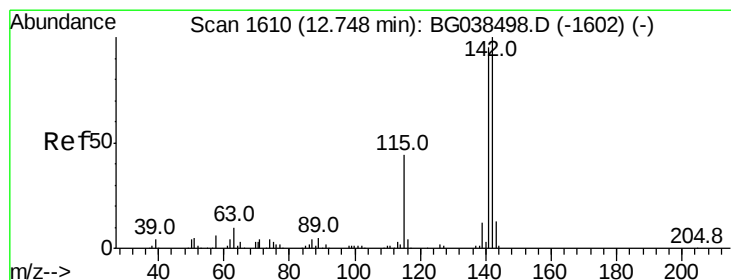
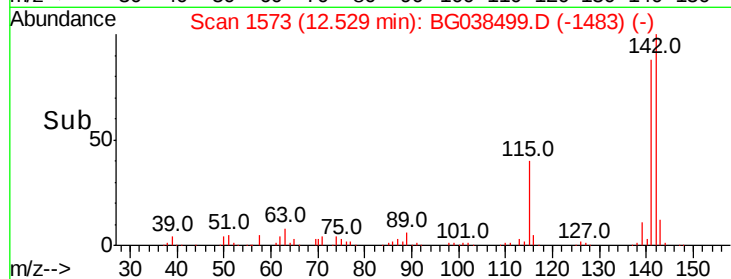
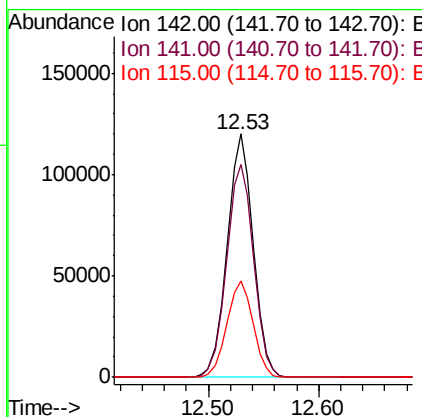
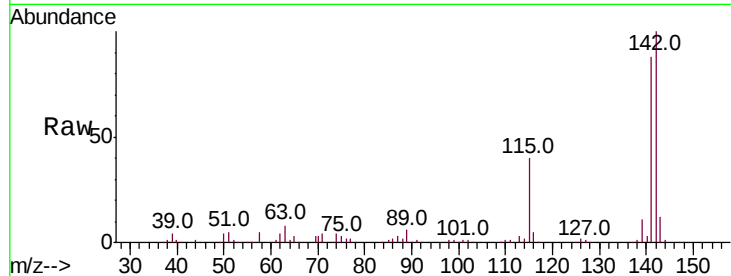
#37  
2-Methylnaphthalene  
Concen: 51.862 ng  
RT: 12.53 min Scan# 1573  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 73.5  | 110.3 |
| 115     | 39.7  | 31.7  | 47.5  |

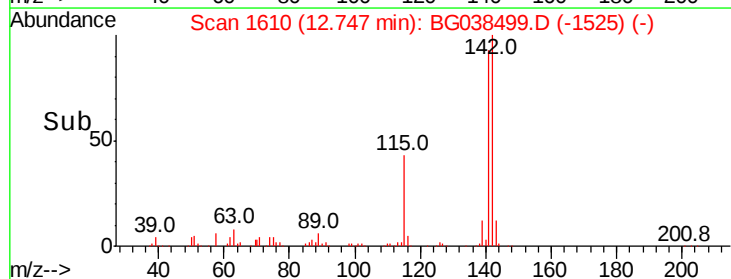
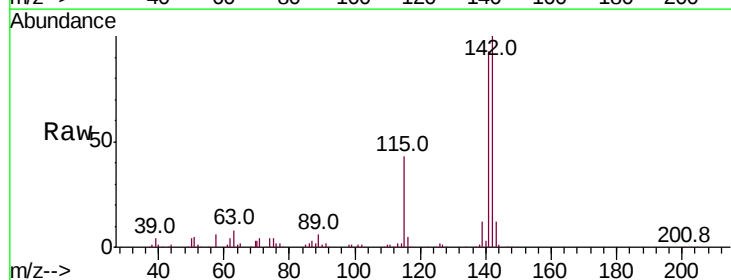
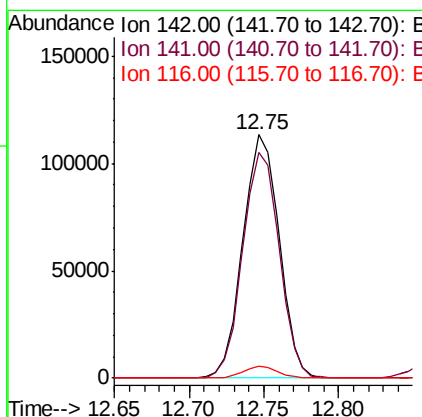
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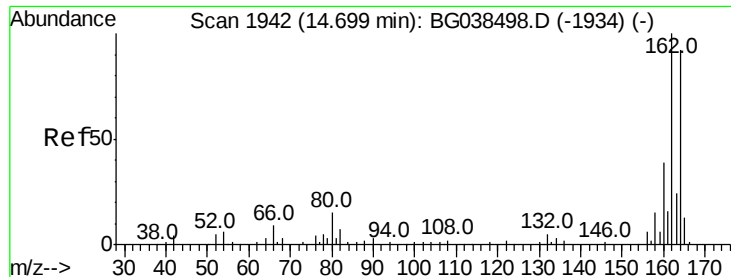
Sohil  
12/13/2018 3:06:44 PM



#38  
1-Methylnaphthalene  
Concen: 52.292 ng  
RT: 12.75 min Scan# 1610  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 75.8  | 113.8 |
| 116     | 4.8   | 3.6   | 5.4   |





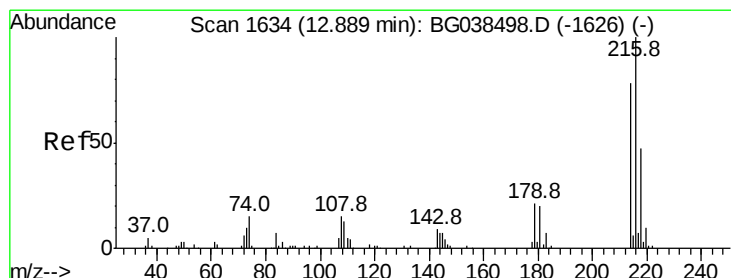
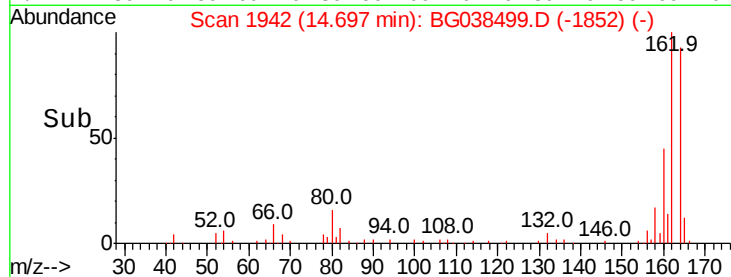
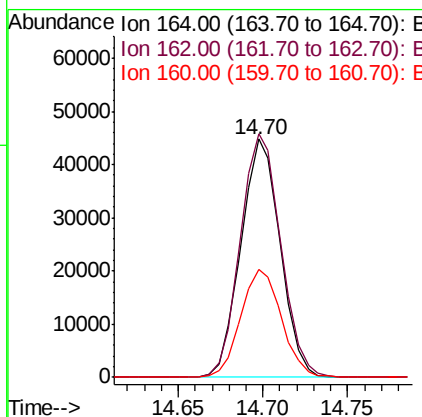
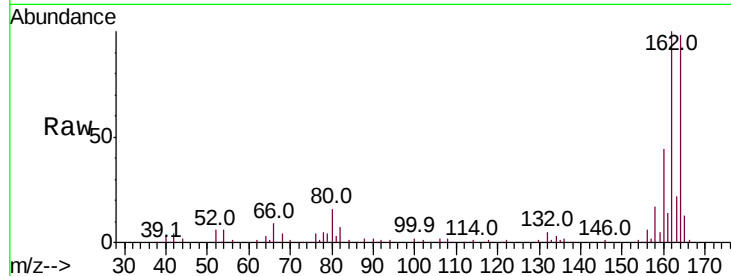
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 86.6  | 130.0 |
| 160     | 45.1  | 34.2  | 51.2  |

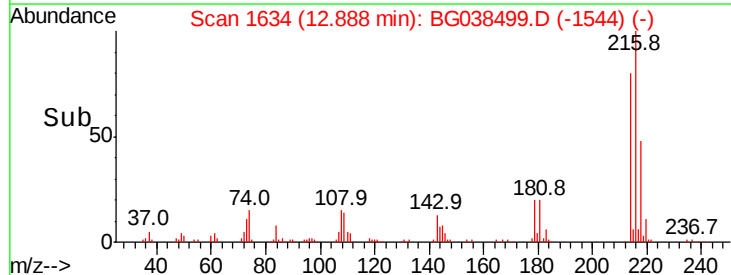
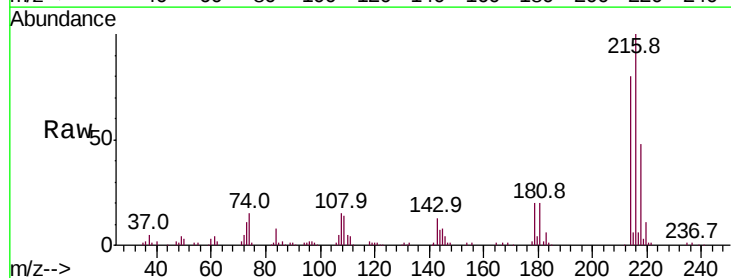
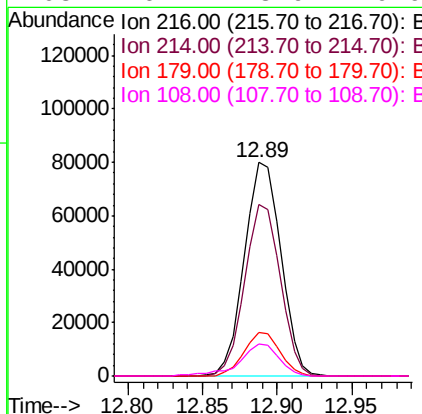
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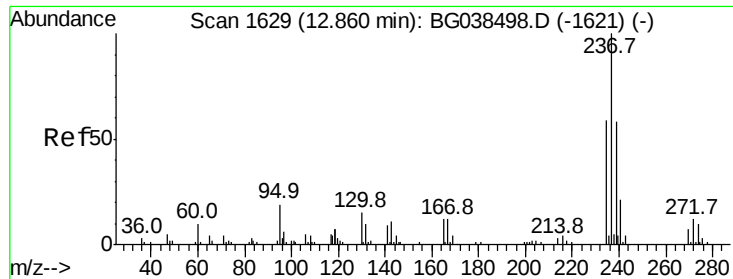
Sohil  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 54.627 ng  
RT: 12.89 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 64.1  | 96.1  |
| 179     | 19.9  | 16.4  | 24.6  |
| 108     | 16.1  | 13.9  | 20.9  |





#41

Hexachlorocyclopentadiene

Concen: 55.811 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

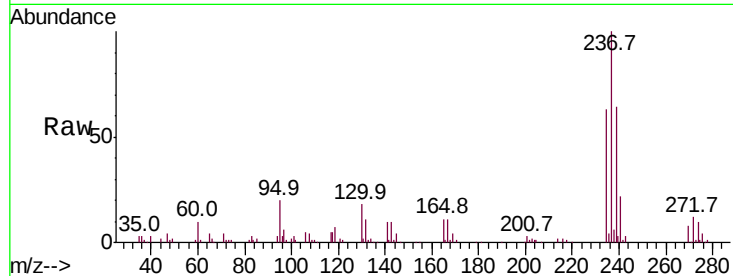
ClientSampleId :

SSTDIC050

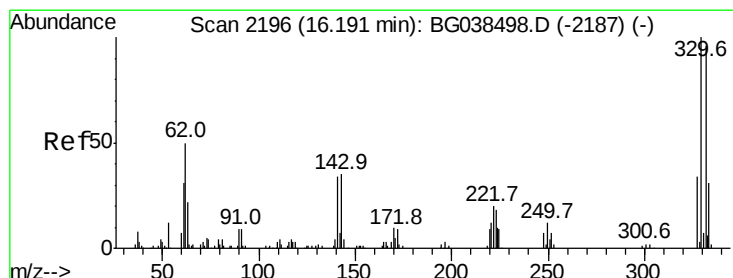
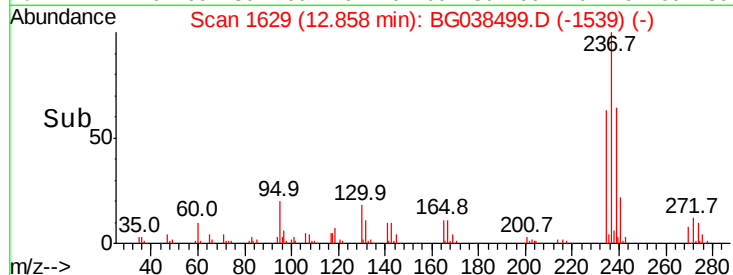
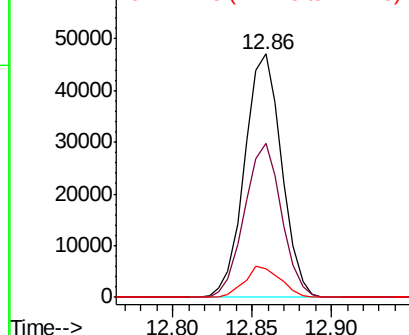
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 76194 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.0  | 38.8  | 78.8  |
| 272       | 11.8  | 0.0   | 32.0  |

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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: 117.382 ng

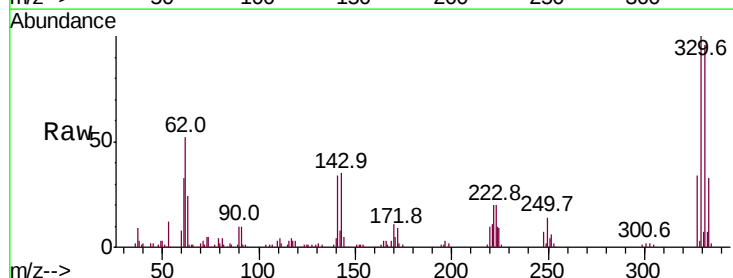
RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

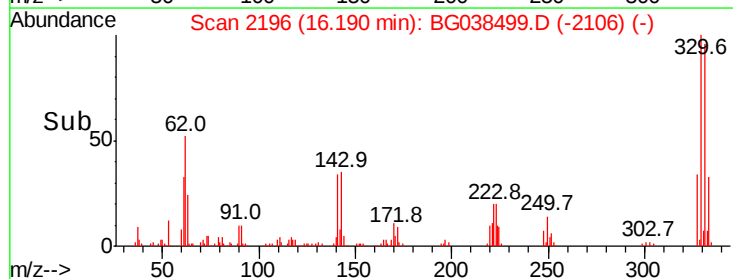
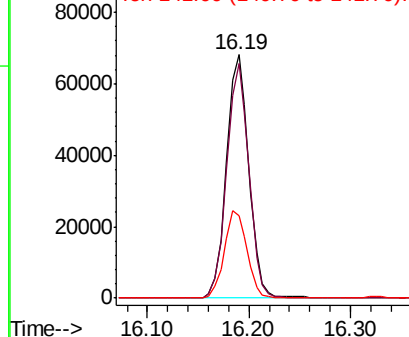
Lab File: BG038499.D

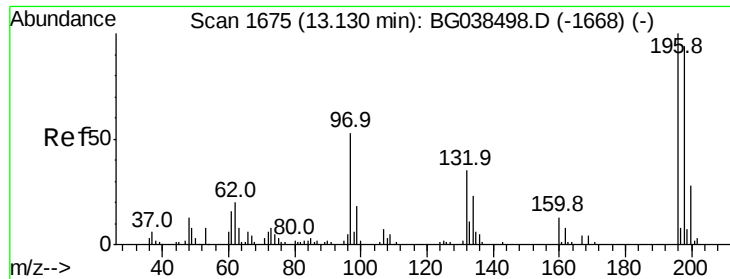
Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 104036 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.6  | 76.9  | 115.3  |
| 141       | 36.3  | 28.8  | 43.2   |



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





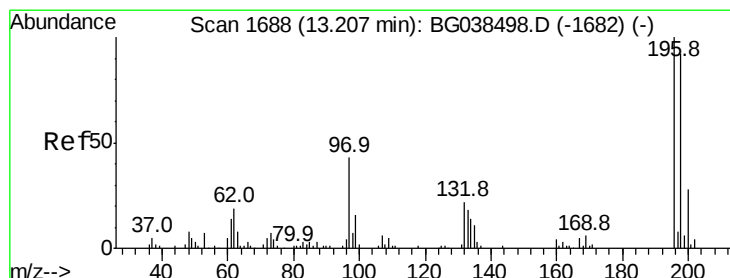
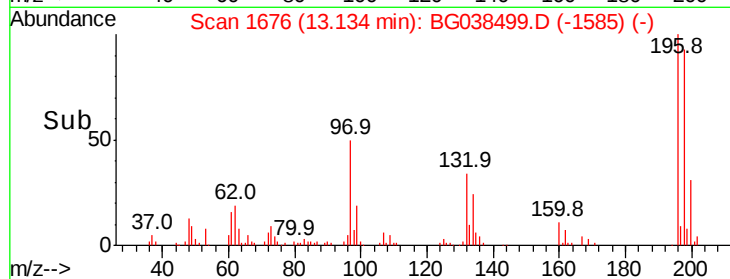
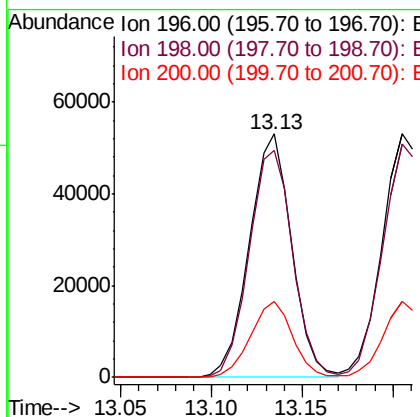
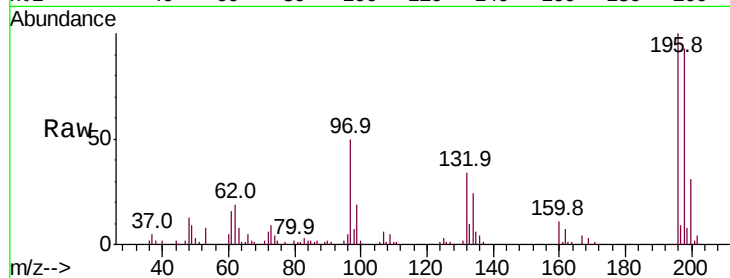
#43  
 2,4,6-Trichlorophenol  
 Concen: 53.385 ng  
 RT: 13.13 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 85912 |       |       |
| 198     | 93.4  | 75.0  | 112.4 |       |
| 200     | 31.3  | 22.4  | 33.6  |       |

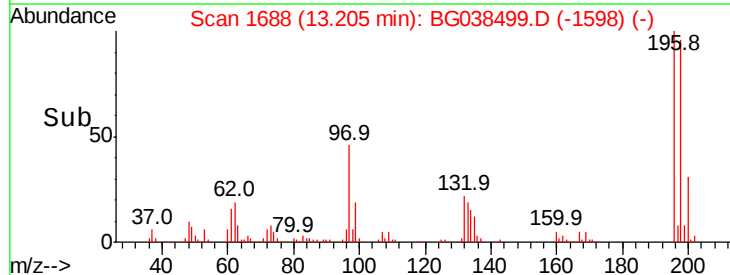
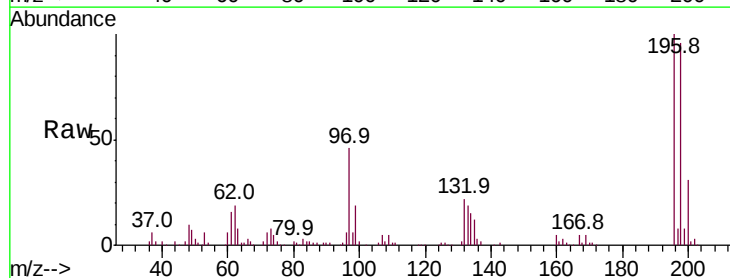
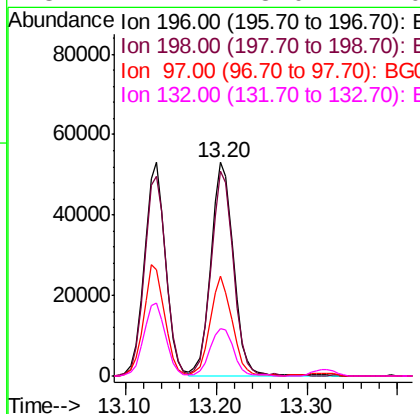
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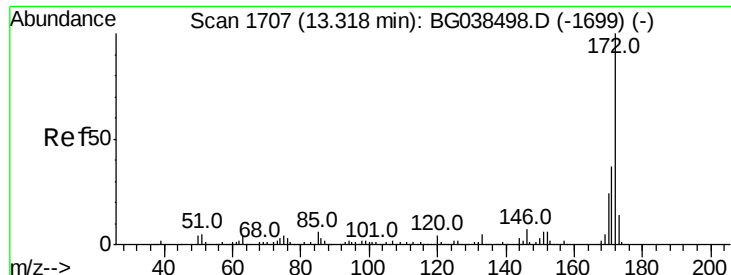
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#44  
 2,4,5-Trichlorophenol  
 Concen: 54.185 ng  
 RT: 13.20 min Scan# 1688  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 92377 |       |       |
| 198     | 95.8  | 74.0  | 111.0 |       |
| 97      | 46.5  | 35.1  | 52.7  |       |
| 132     | 22.2  | 18.0  | 27.0  |       |





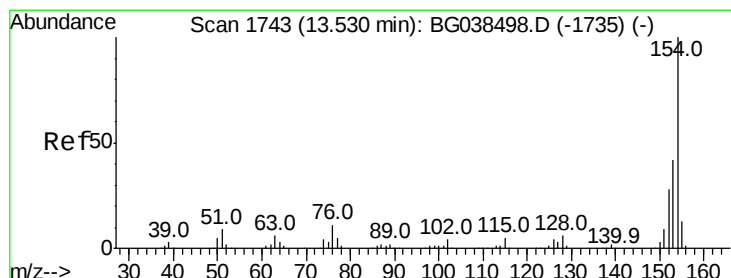
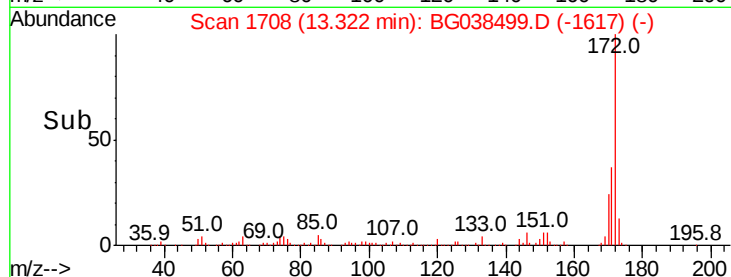
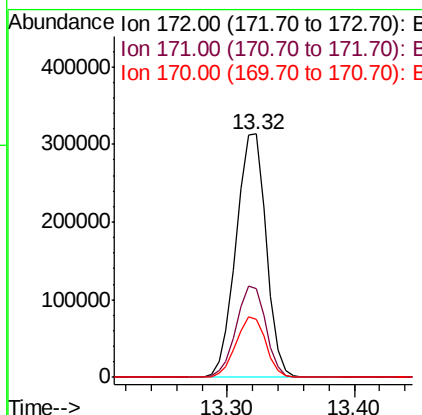
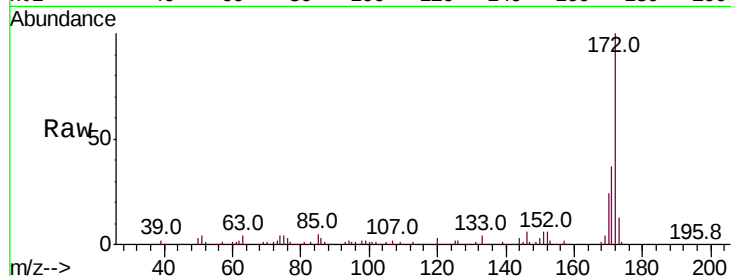
#45  
2-Fluorobiphenyl  
Concen: 101.743 ng  
RT: 13.32 min Scan# 1708  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 36.5  | 29.8 | 44.6  |       |
| 170     | 23.9  | 19.5 | 29.3  |       |

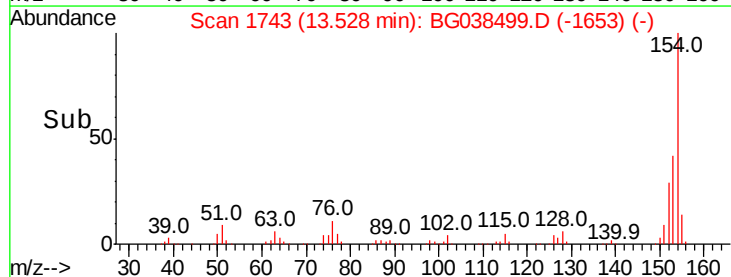
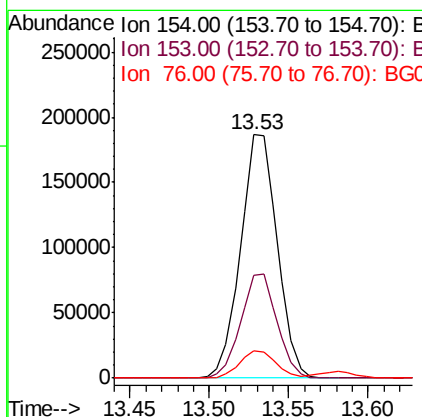
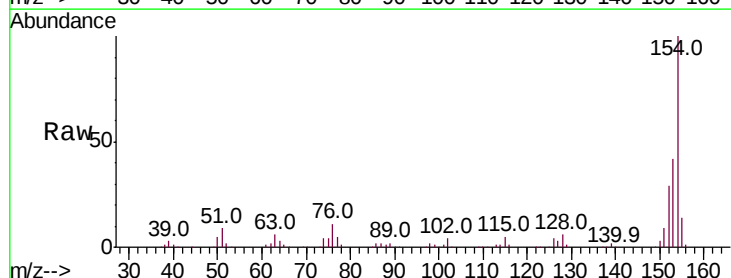
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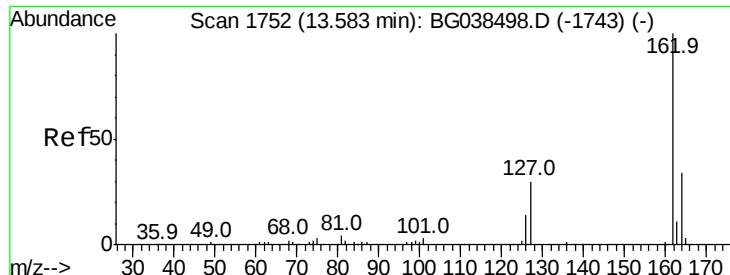
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#46  
1,1'-Biphenyl  
Concen: 49.057 ng  
RT: 13.53 min Scan# 1743  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.3  | 22.1 | 62.1  |       |
| 76      | 11.5  | 0.0  | 31.2  |       |





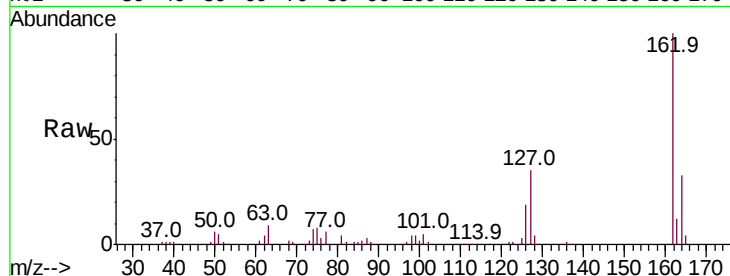
#47  
 2-Chloronaphthalene  
 Concen: 50.035 ng  
 RT: 13.58 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

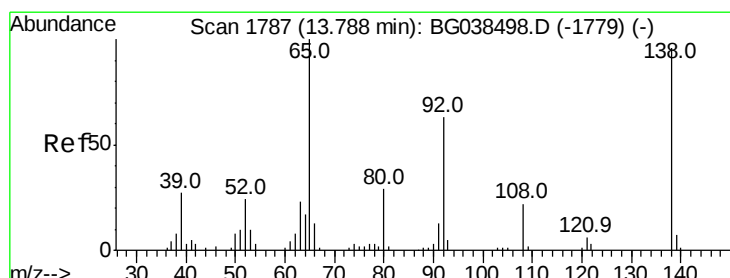
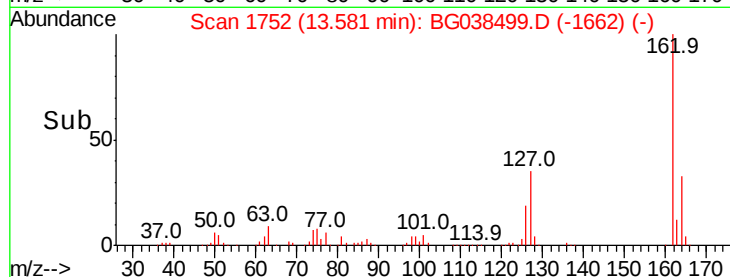
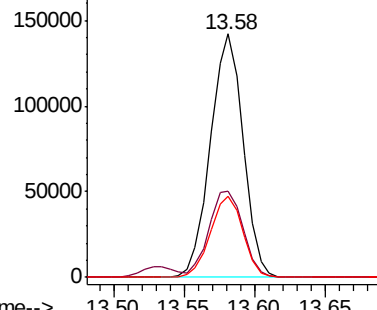
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 35.4  | 27.8       | 41.8  |
| 164     | 33.1  | 26.9       | 40.3  |

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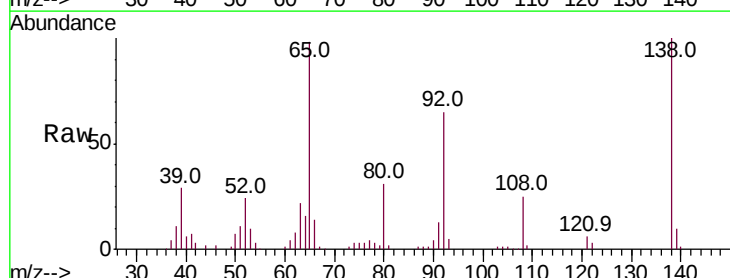


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

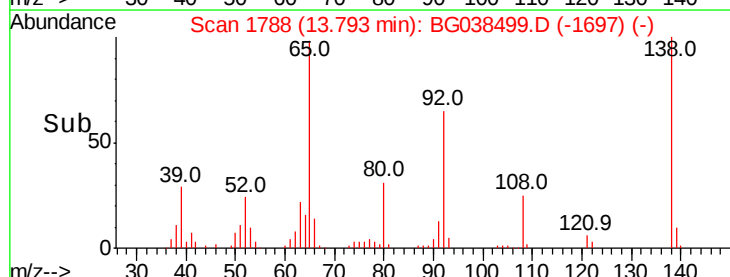
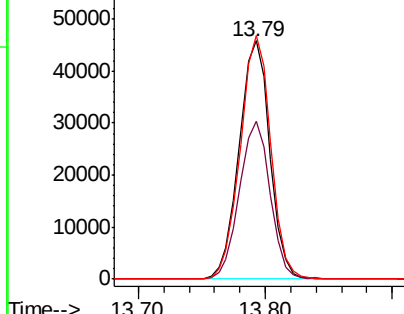


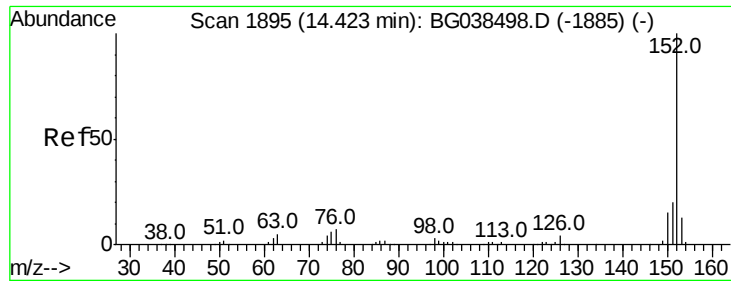
#48  
 2-Nitroaniline  
 Concen: 49.683 ng  
 RT: 13.79 min Scan# 1788  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 66.1  | 50.0       | 75.0  |
| 138     | 102.3 | 76.9       | 115.3 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.234 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

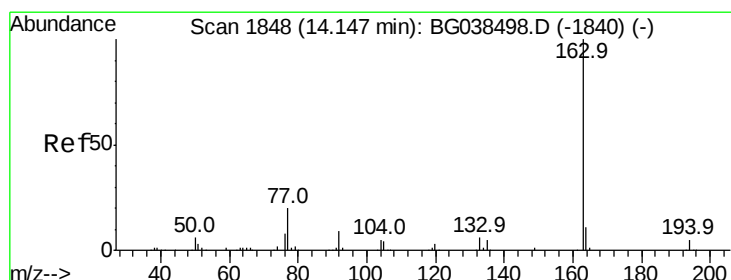
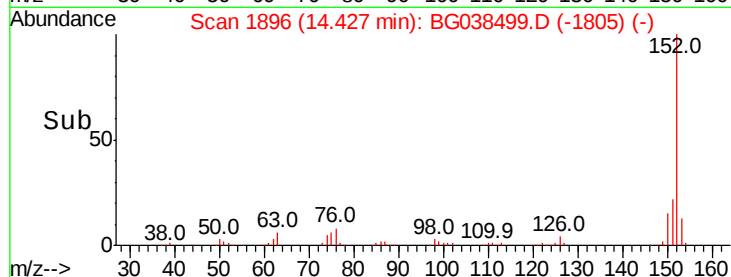
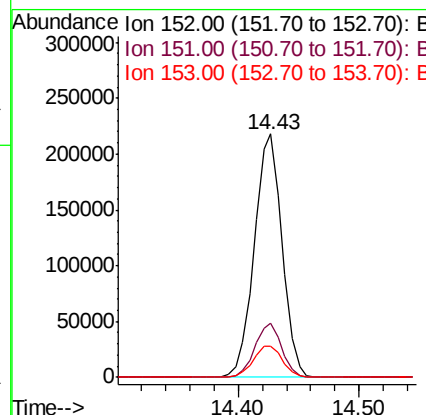
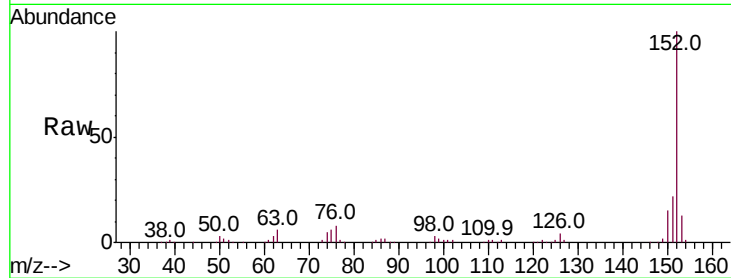
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 348407 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.1  | 16.4  | 24.6   |
| 153       | 12.6  | 10.4  | 15.6   |

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#50

Dimethylphthalate

Concen: 51.033 ng

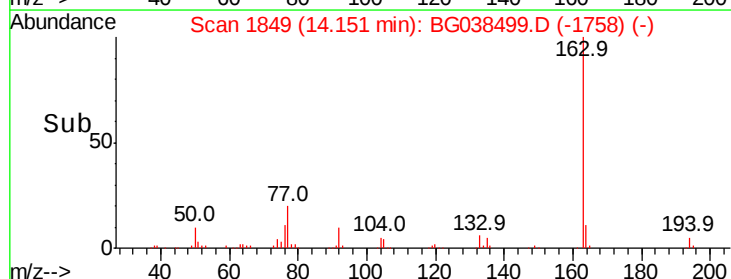
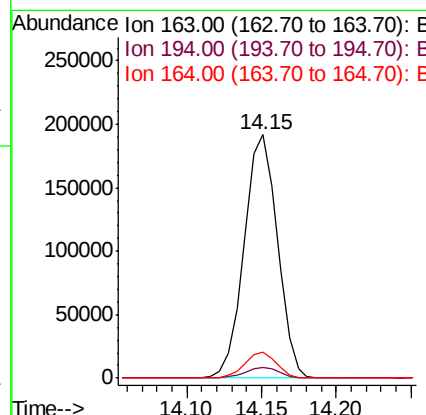
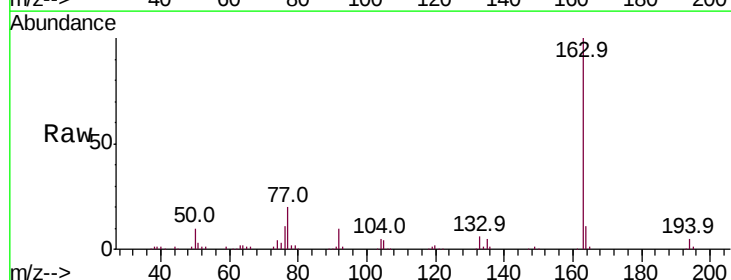
RT: 14.15 min Scan# 1849

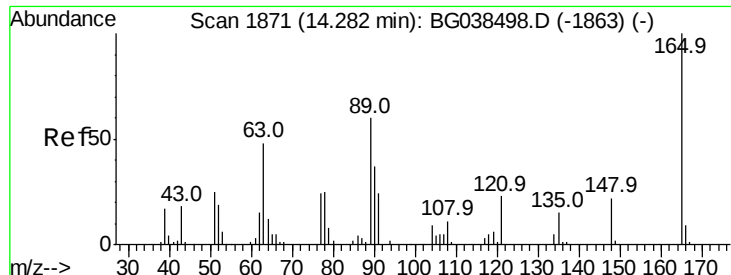
Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 295524 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.7   | 5.5    |
| 164       | 10.7  | 8.6   | 12.8   |





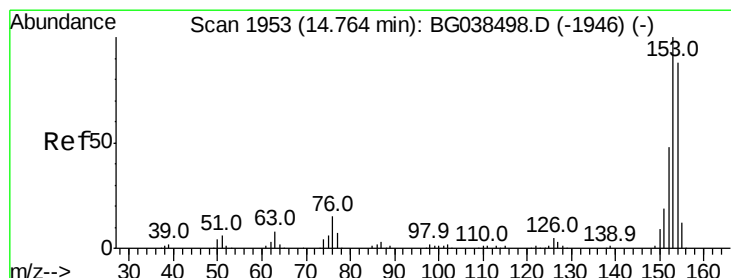
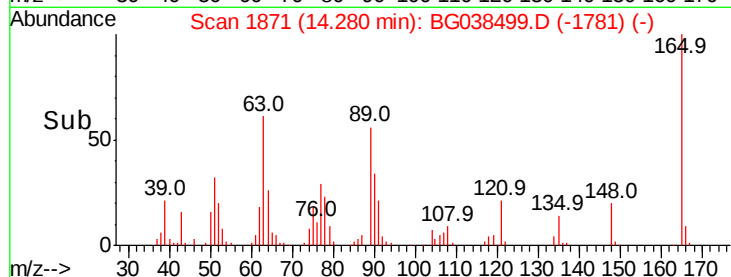
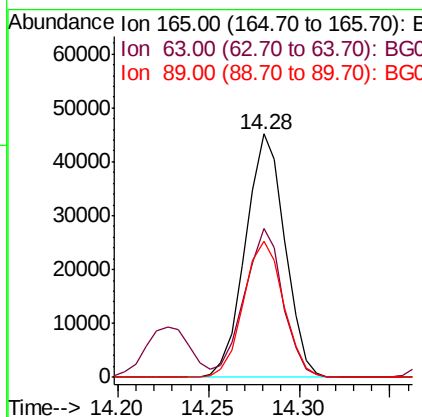
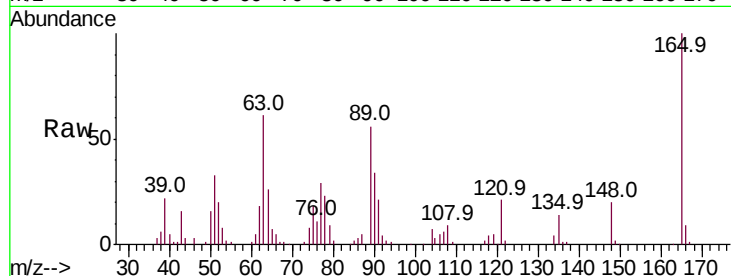
#51  
 2,6-Dinitrotoluene  
 Concen: 51.517 ng  
 RT: 14.28 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 68147 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 61.3  | 51.8  | 77.6  |
| 89        | 55.8  | 47.9  | 71.9  |

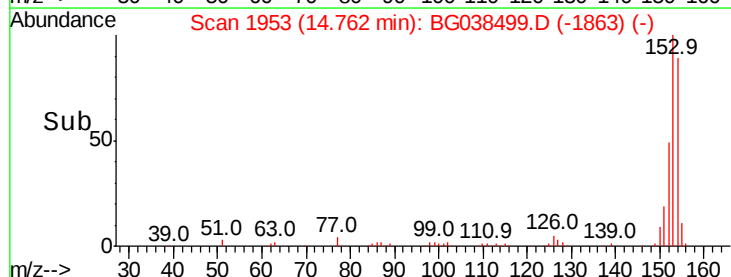
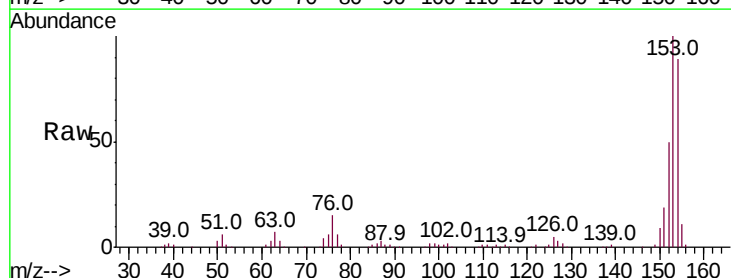
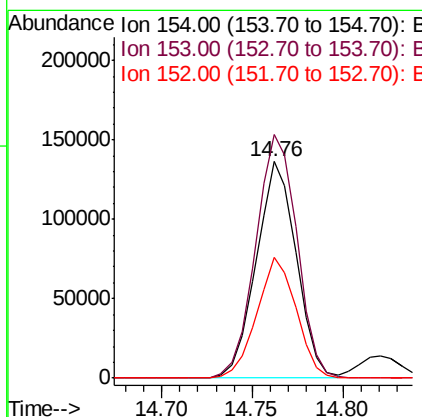
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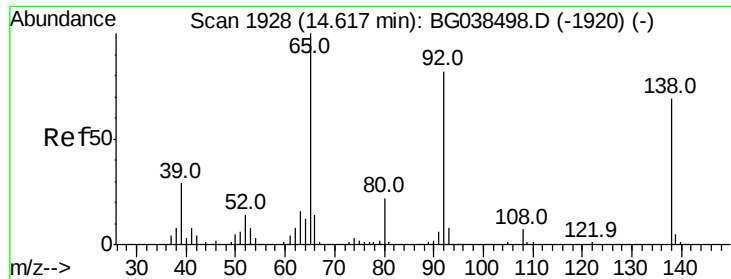
Sohil  
 12/13/2018 3:06:44 PM



#52  
 Acenaphthene  
 Concen: 49.455 ng  
 RT: 14.76 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 209103 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.5 | 90.6  | 136.0  |
| 152       | 56.0  | 43.5  | 65.3   |





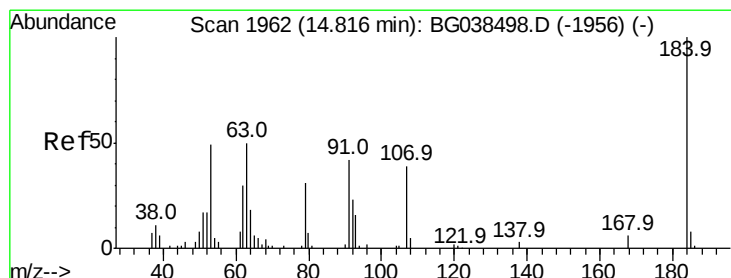
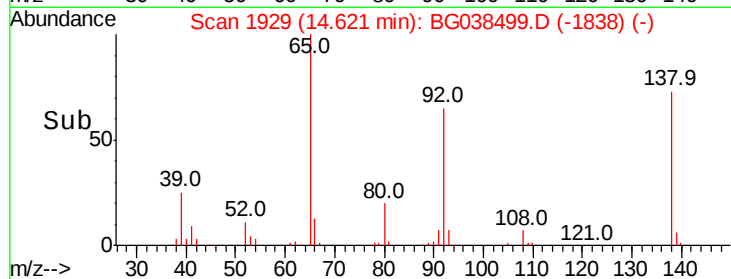
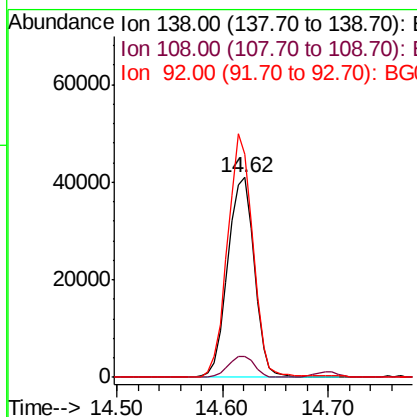
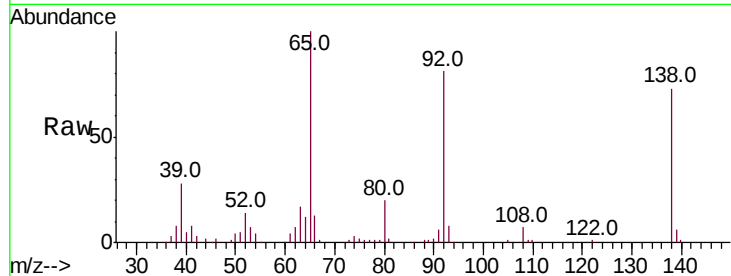
#53  
 3-Nitroaniline  
 Concen: 50.037 ng  
 RT: 14.62 min Scan# 1929  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 7.9   | 11.9  |
| 92      | 111.8 | 95.3  | 142.9 |

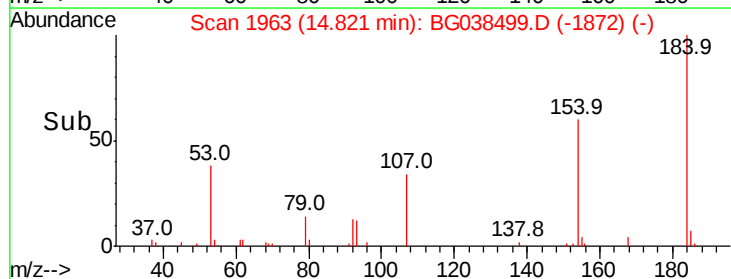
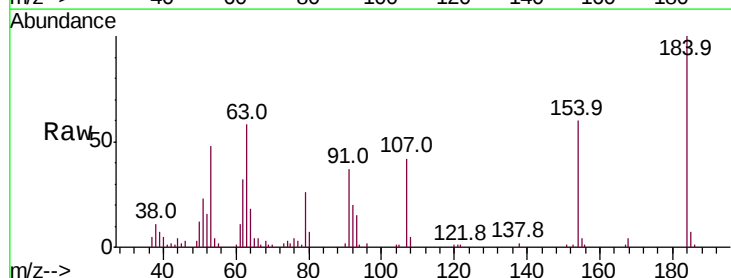
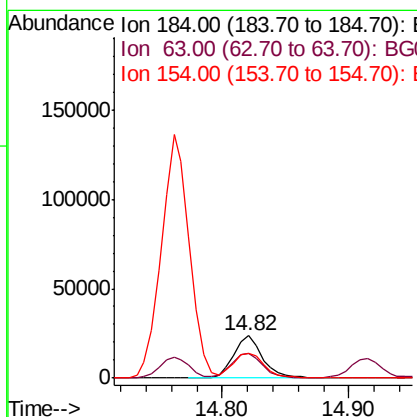
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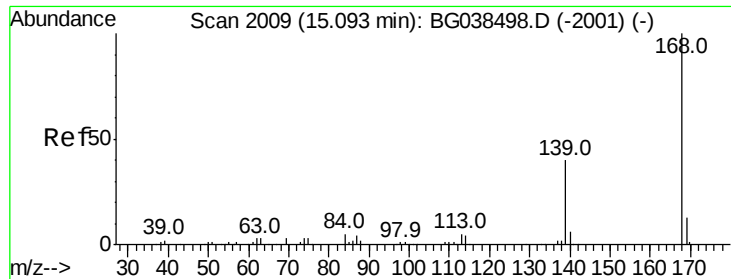
Sohil  
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#54  
 2,4-Dinitrophenol  
 Concen: 51.852 ng  
 RT: 14.82 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.2  | 47.0  | 70.6  |
| 154     | 59.5  | 50.3  | 75.5  |





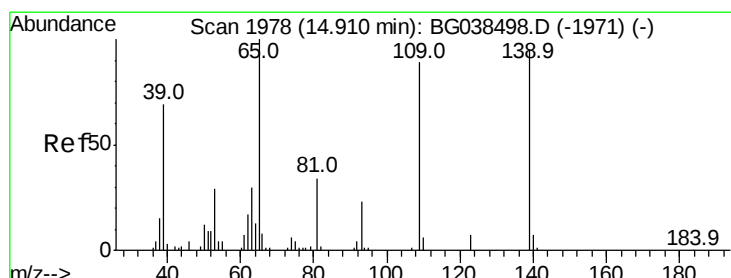
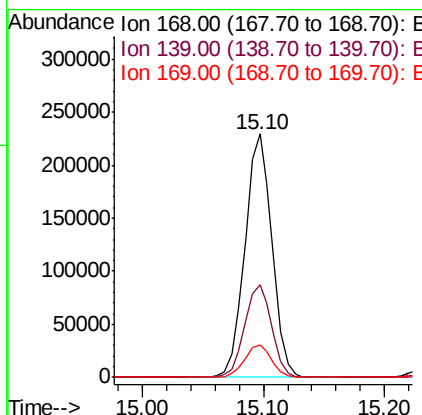
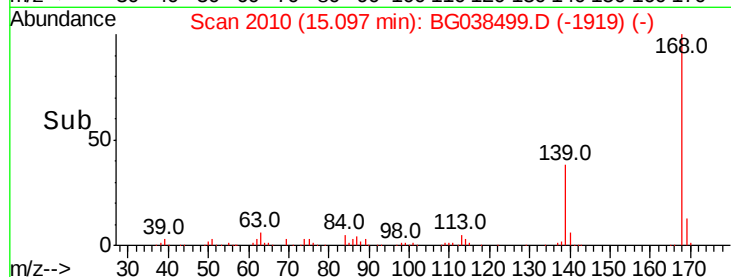
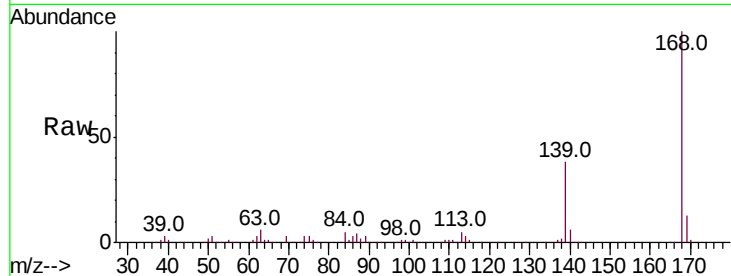
#55  
Dibenzenofuran  
Concen: 50.885 ng  
RT: 15.10 min Scan# 2010  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 355686 |       |       |
| 139     | 38.3  | 32.2   | 48.2  |       |
| 169     | 13.1  | 10.6   | 16.0  |       |

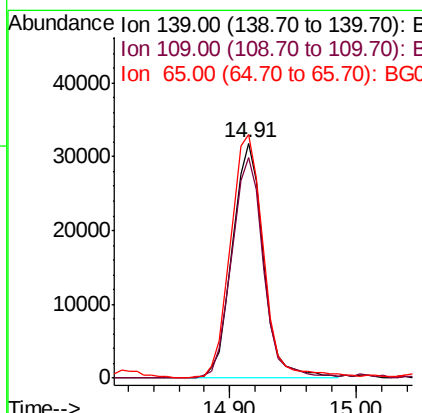
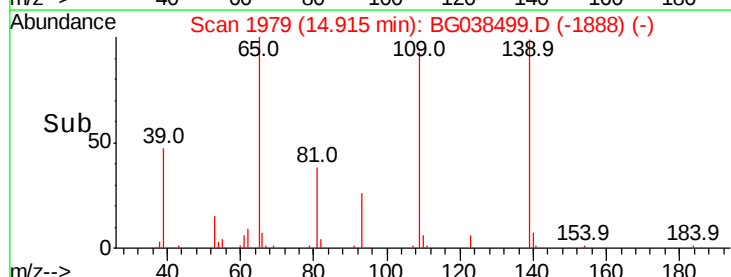
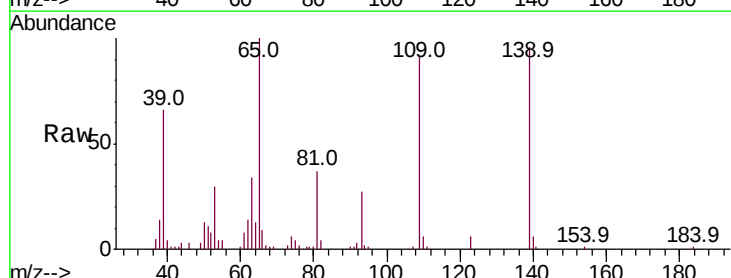
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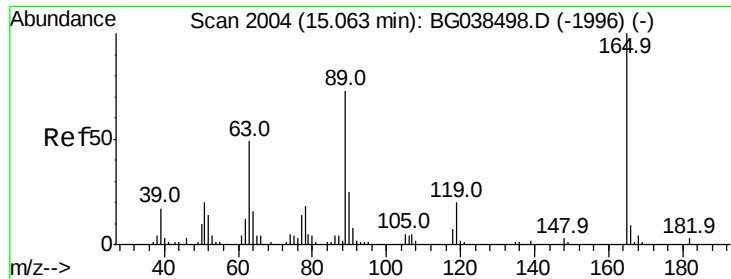
Sohil  
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#56  
4-Nitrophenol  
Concen: 47.764 ng  
RT: 14.91 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 53753 |       |       |
| 109     | 94.0  | 73.6  | 113.6 |       |
| 65      | 103.7 | 84.8  | 124.8 |       |





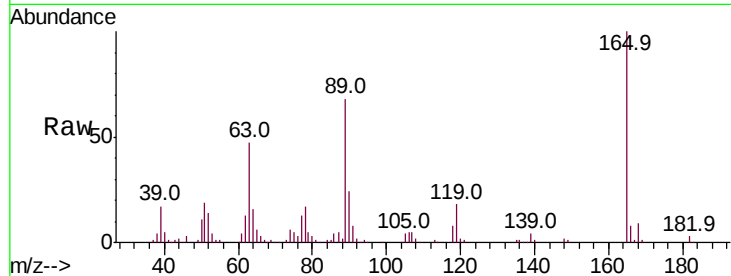
#57  
2,4-Dinitrotoluene  
Concen: 52.723 ng  
RT: 15.07 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

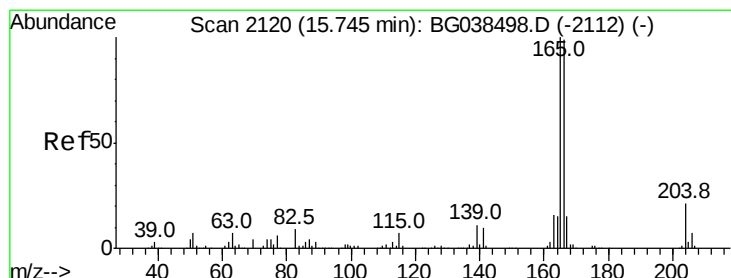
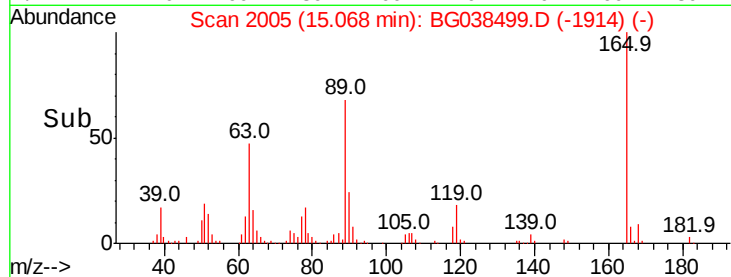
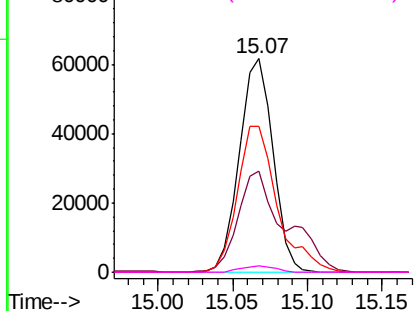
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 47.3  | 39.0 | 58.4  |       |
| 89      | 68.3  | 58.0 | 87.0  |       |
| 182     | 3.0   | 2.3  | 3.5   |       |

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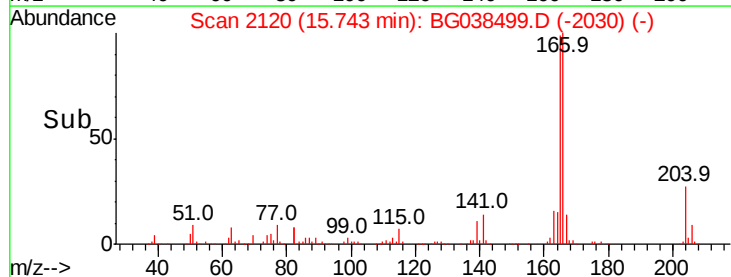
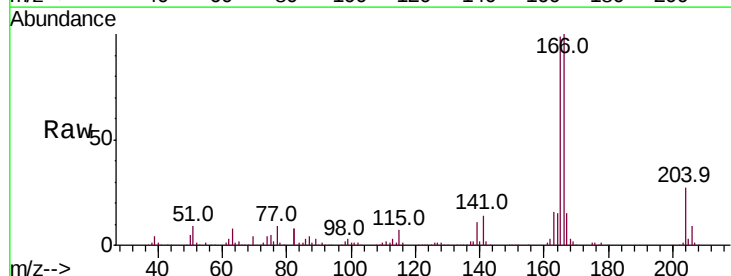
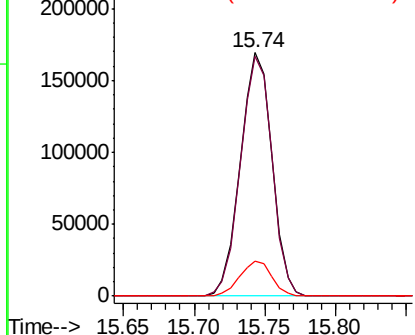
Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

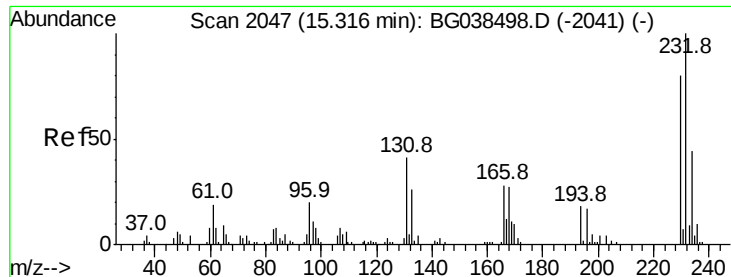


#58  
Fluorene  
Concen: 51.398 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 98.6  | 80.6 | 120.8 |       |
| 167     | 14.5  | 12.0 | 18.0  |       |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





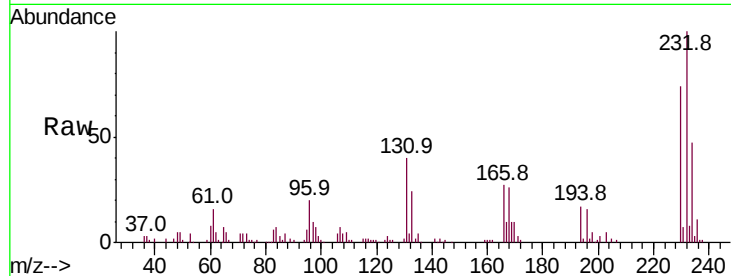
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.118 ng  
RT: 15.32 min Scan# 2048  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 80132 |       |       |
| 131     | 41.4  |       | 33.0  | 49.4  |
| 130     | 2.4   |       | 2.0   | 3.0   |
| 166     | 28.1  |       | 23.1  | 34.7  |

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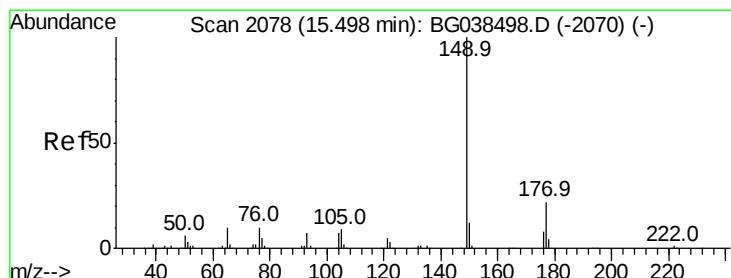
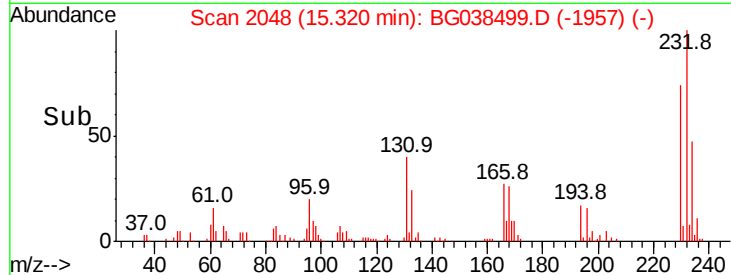
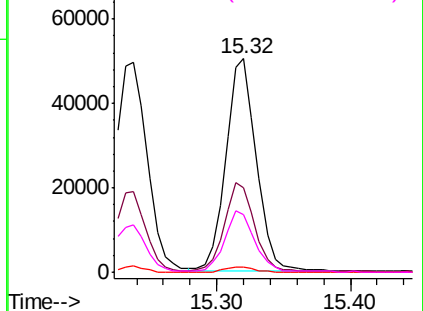
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

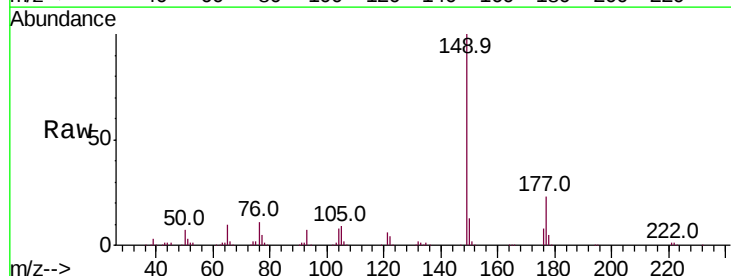
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 48.829 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 313267 |       |       |
| 177     | 23.0  |        | 17.7  | 26.5  |
| 150     | 12.8  |        | 9.9   | 14.9  |

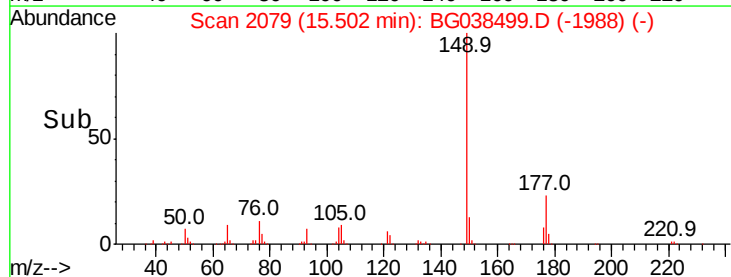
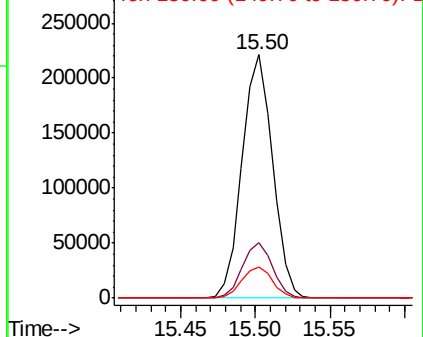


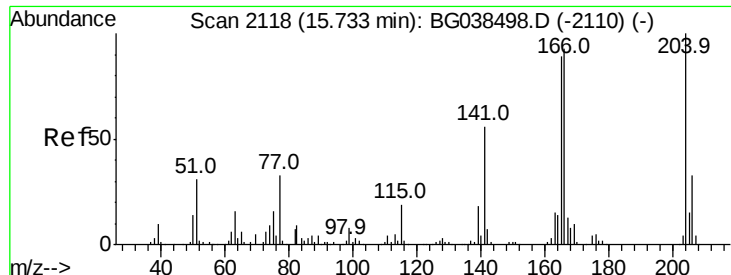
Abundance

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





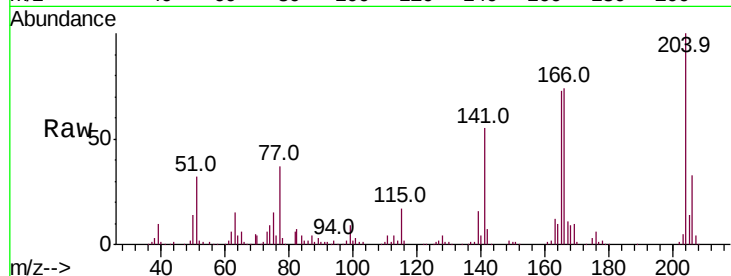
#61  
4-Chlorophenyl-phenylether  
Concen: 53.496 ng  
RT: 15.73 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC050

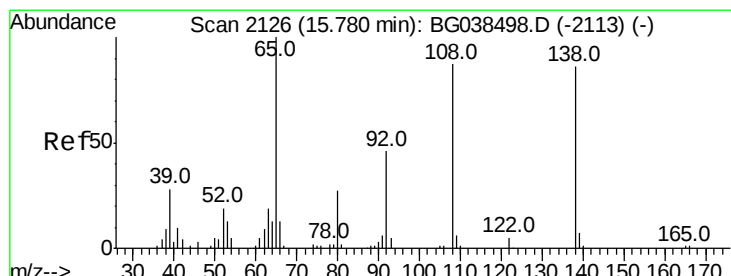
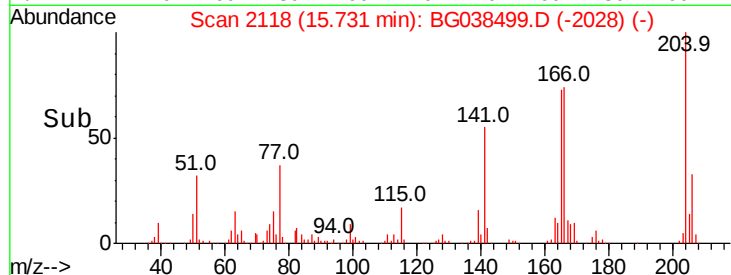
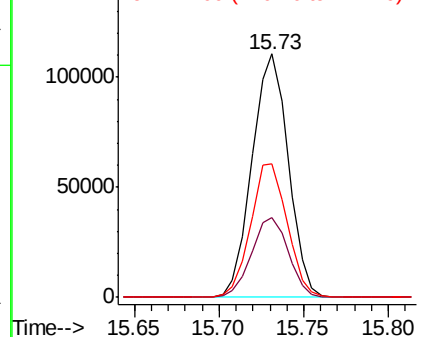
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.0  | 39.0  |
| 141     | 54.7  | 44.4  | 66.6  |

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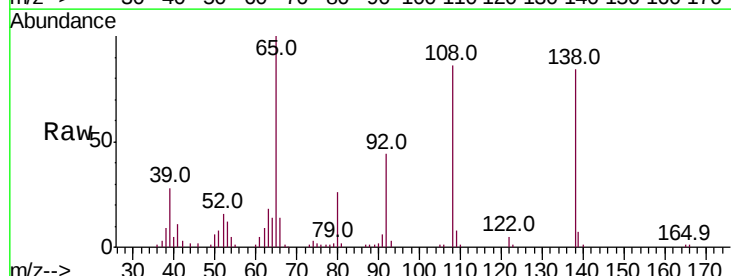


Abundance Ion 204.00 (203.70 to 204.70): E  
150000  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

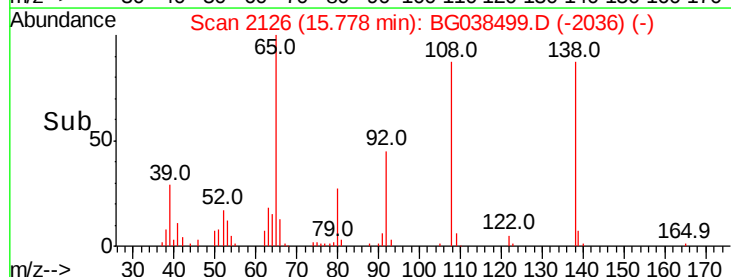
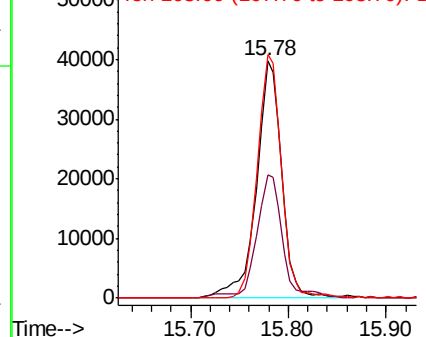


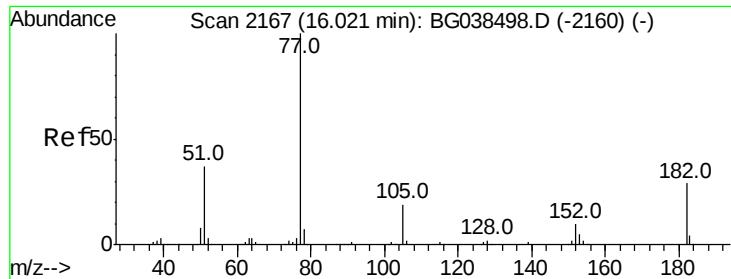
#62  
4-Nitroaniline  
Concen: 51.846 ng  
RT: 15.78 min Scan# 2126  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.0  | 33.3  | 73.3  |
| 108     | 102.6 | 81.4  | 121.4 |



Abundance Ion 138.00 (137.70 to 138.70): E  
50000  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





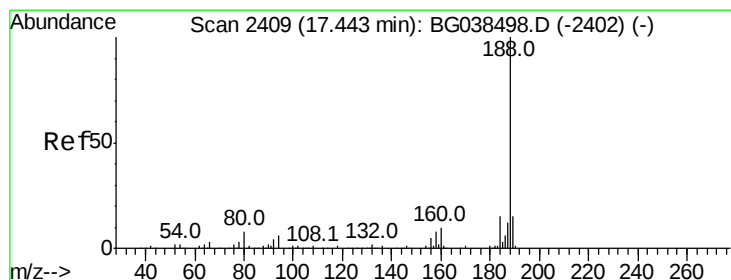
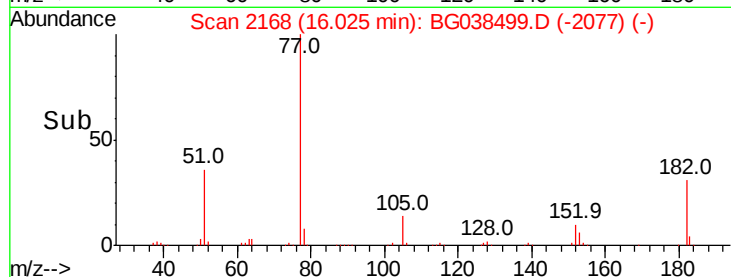
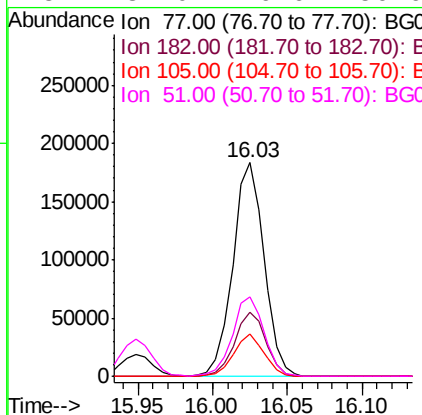
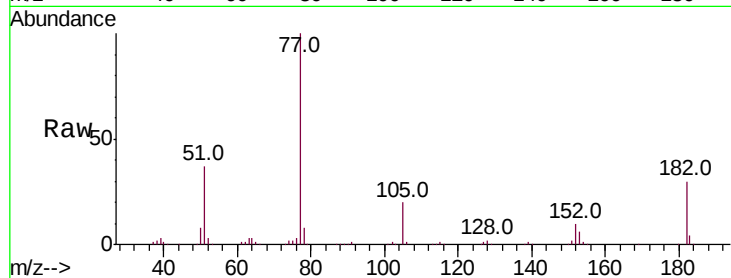
#63  
Azobenzene  
Concen: 47.588 ng  
RT: 16.03 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.9  | 8.7   | 48.7  |
| 105     | 19.6  | 0.0   | 38.7  |
| 51      | 37.0  | 16.6  | 56.6  |

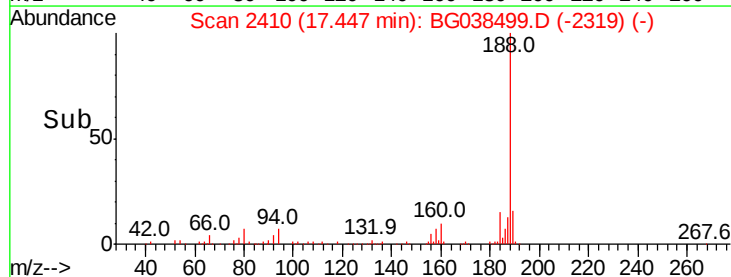
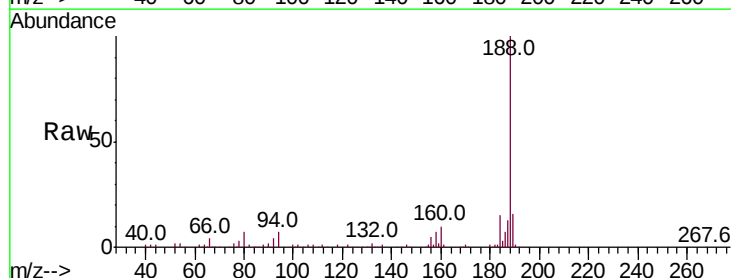
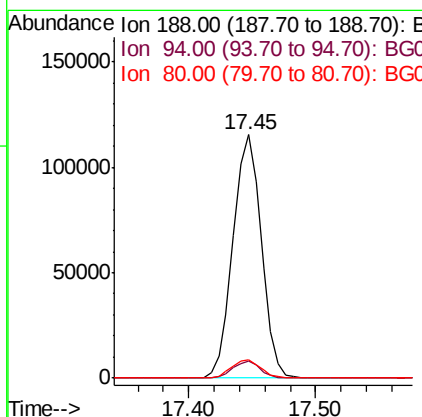
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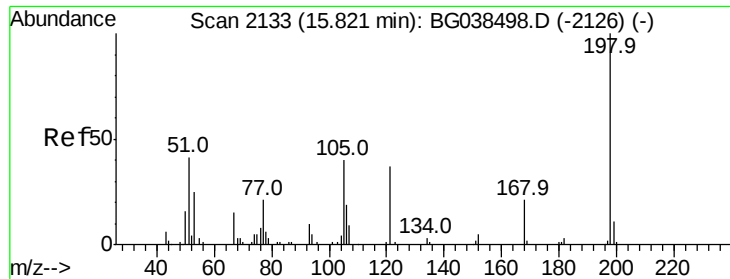
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2410  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.8   | 5.1   | 7.7   |
| 80      | 7.4   | 6.1   | 9.1   |





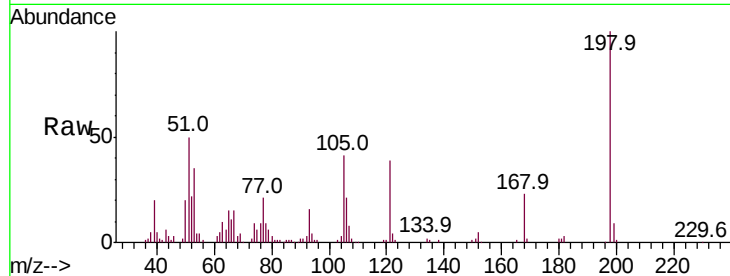
#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.923 ng  
RT: 15.83 min Scan# 2134  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 49.7  | 28.6  | 68.6  |
| 105     | 40.9  | 20.4  | 60.4  |

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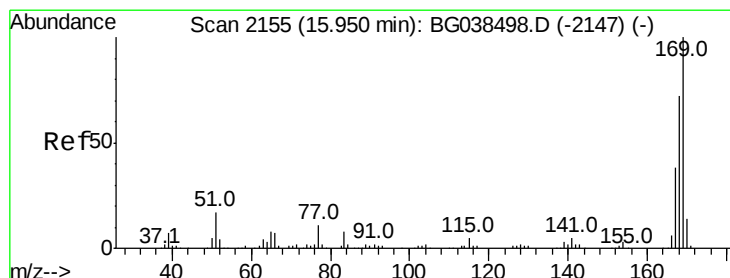
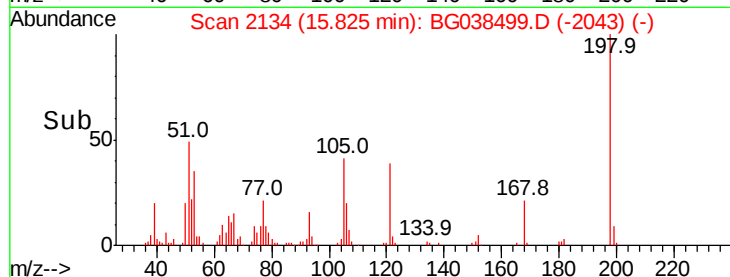
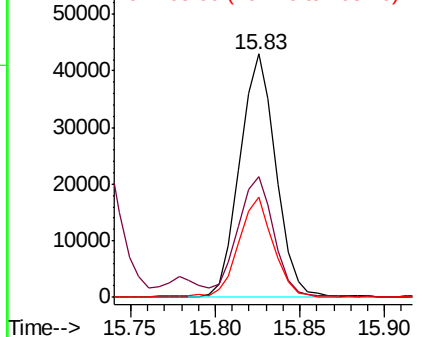


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 52.144 ng  
RT: 15.95 min Scan# 2155  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

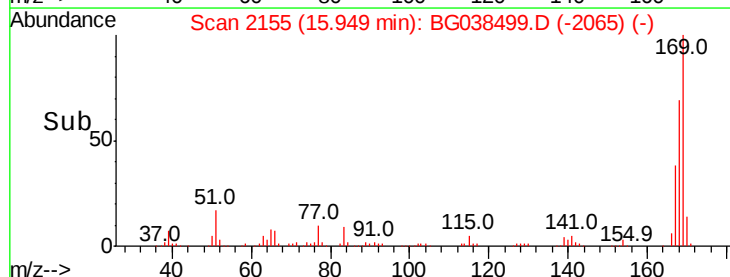
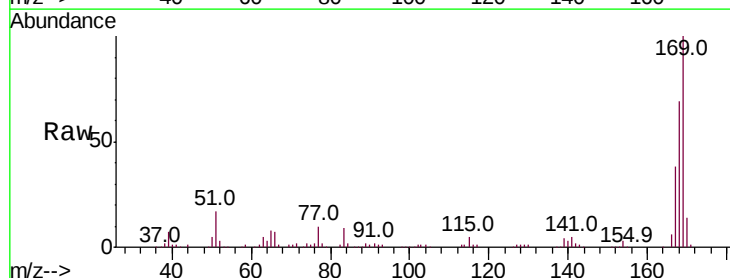
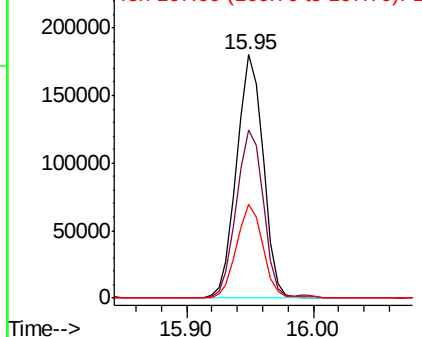
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 57.5  | 86.3  |
| 167     | 38.5  | 30.2  | 45.2  |

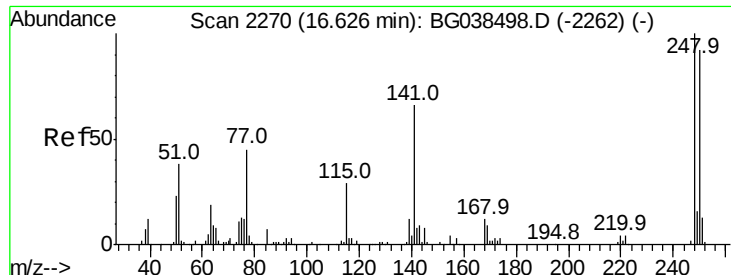
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





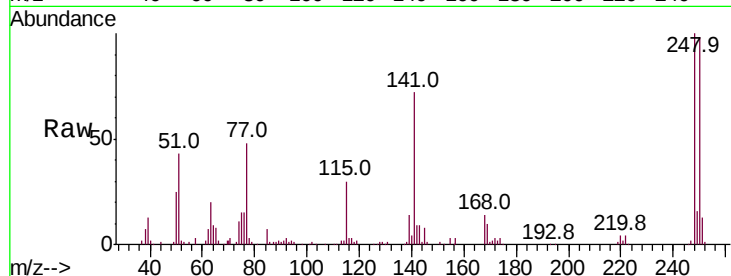
#67  
4-Bromophenyl-phenylether  
Concen: 56.805 ng  
RT: 16.62 min Scan# 2270  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleID :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 73.4  | 110.2 |
| 141     | 71.6  | 52.9  | 79.3  |

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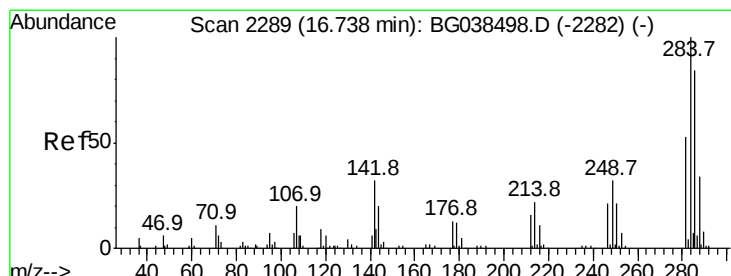
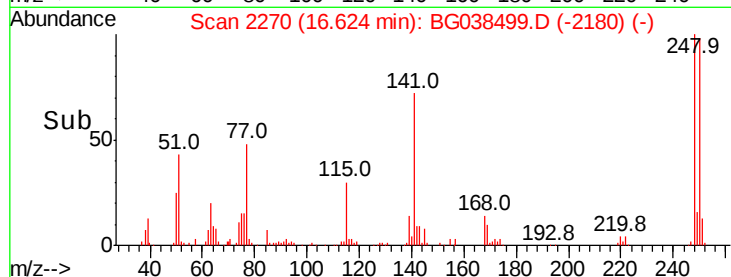
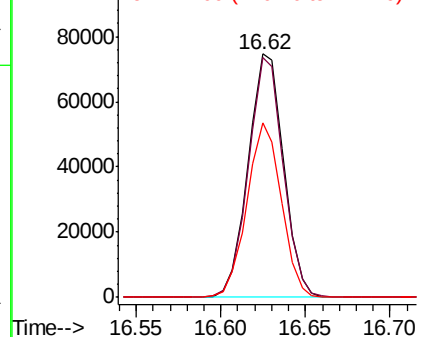


Abundance

Ion 248.00 (247.70 to 248.70): E

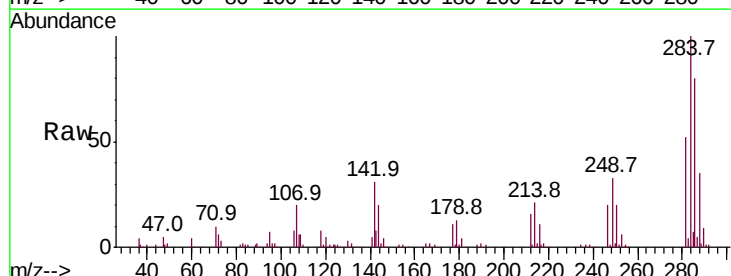
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 57.426 ng  
RT: 16.74 min Scan# 2290  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.1  | 25.8  | 38.6  |
| 249     | 35.1  | 27.0  | 40.4  |

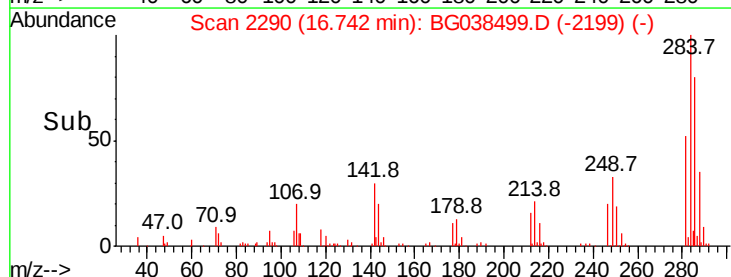
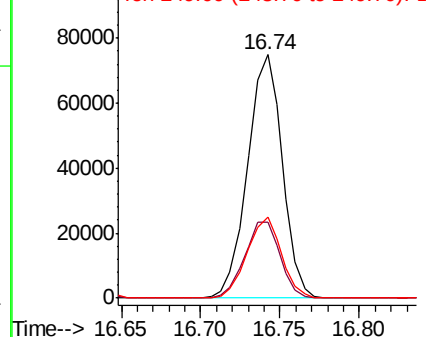


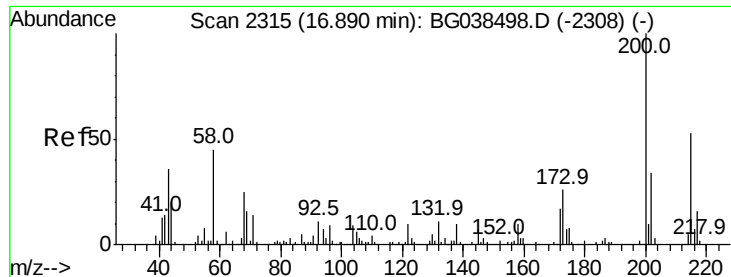
Abundance

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





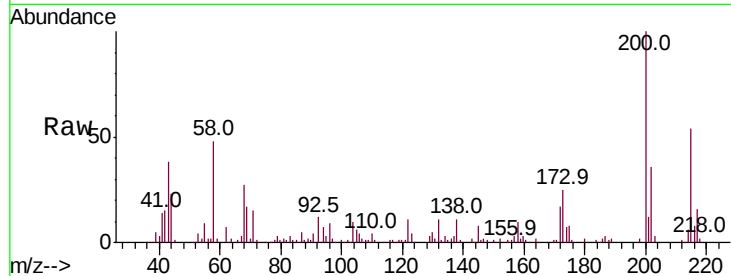
#69  
Atrazine  
Concen: 51.548 ng  
RT: 16.89 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

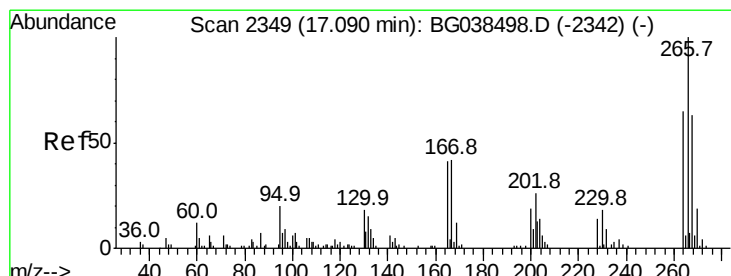
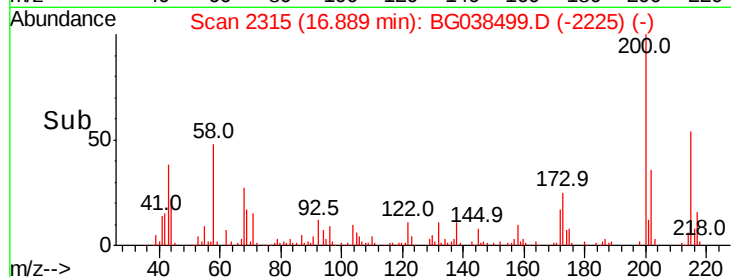
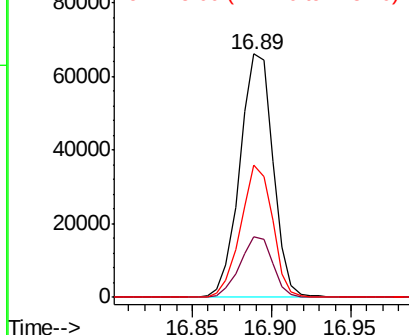
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.9  | 5.9   | 45.9  |
| 215     | 54.1  | 33.1  | 73.1  |

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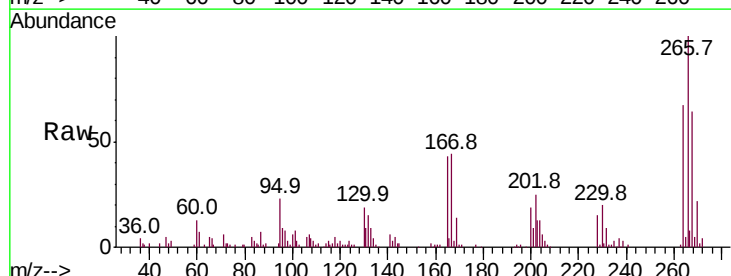


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

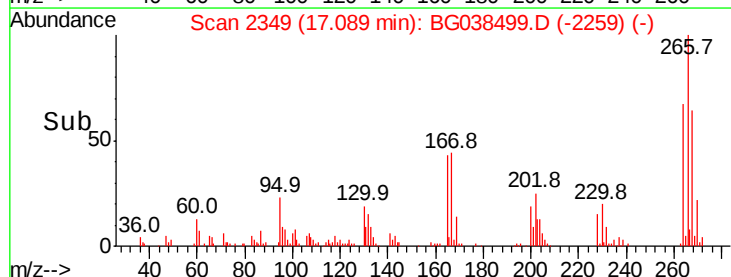
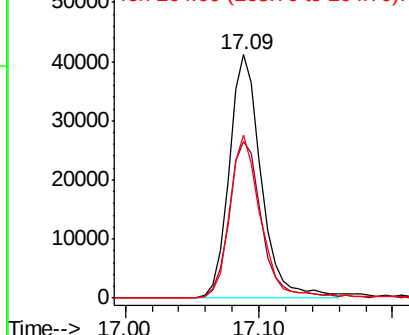


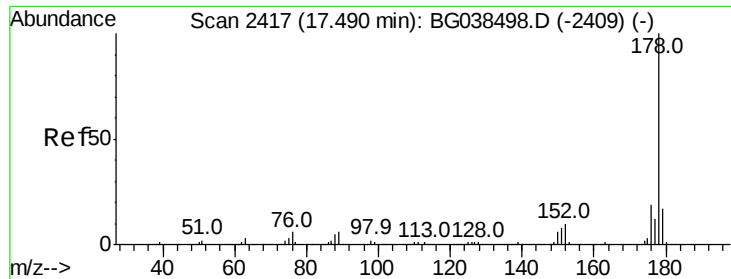
#70  
Pentachlorophenol  
Concen: 50.632 ng  
RT: 17.09 min Scan# 2349  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 69.2  | 55.0  | 82.6  |
| 264     | 72.2  | 56.7  | 85.1  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.854 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

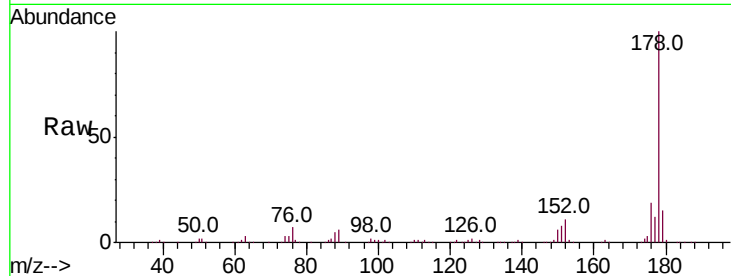
ClientSampleId :

SSTDIC050

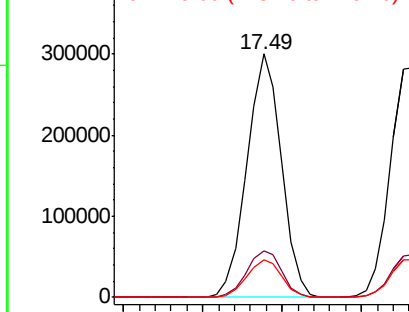
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 452764    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.1  | 15.1 22.7 |
| 179         | 15.4  | 13.2 19.8 |

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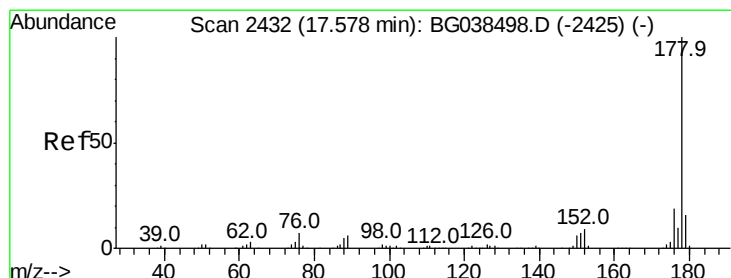
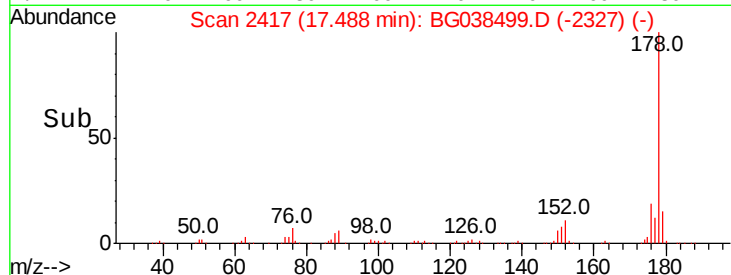
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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time--> 17.40 17.45 17.50 17.55



#72

Anthracene

Concen: 52.112 ng

RT: 17.58 min Scan# 2433

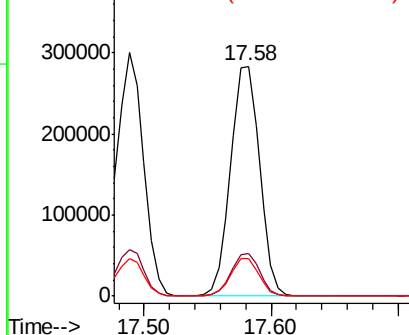
Delta R.T. 0.00 min

Lab File: BG038499.D

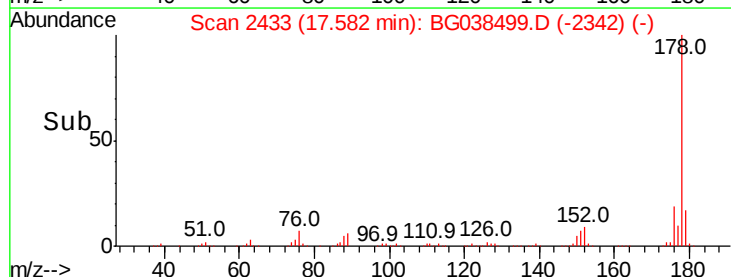
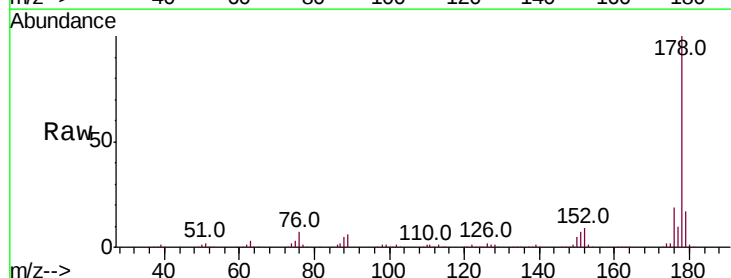
Acq: 12 Dec 2018 12:19

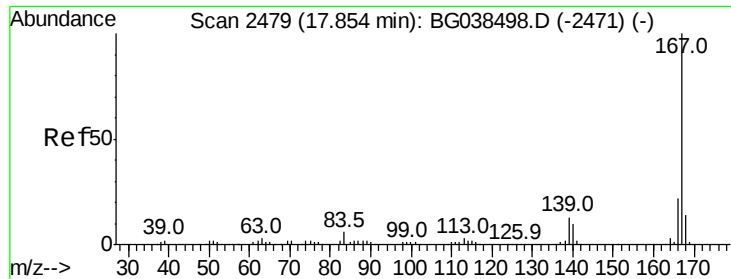
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 449305    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.7  | 15.1 22.7 |
| 179         | 16.6  | 12.9 19.3 |

Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.60





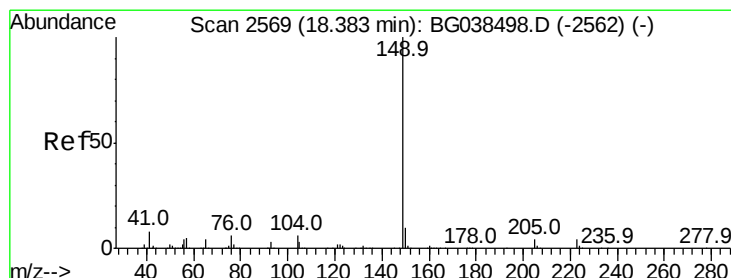
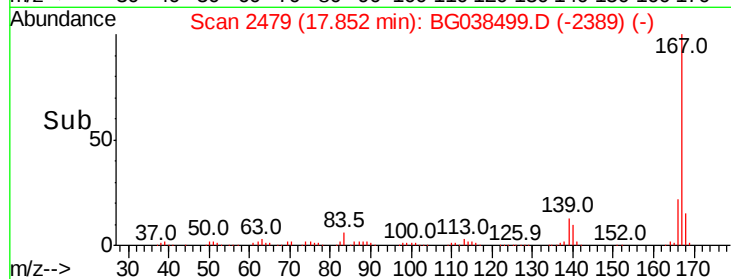
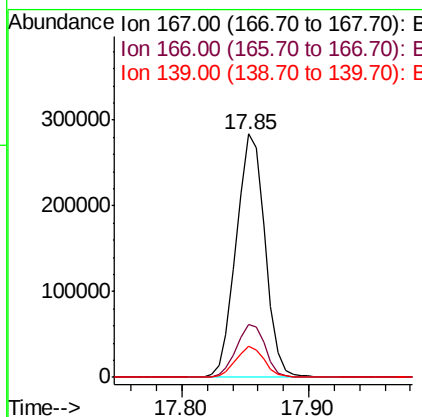
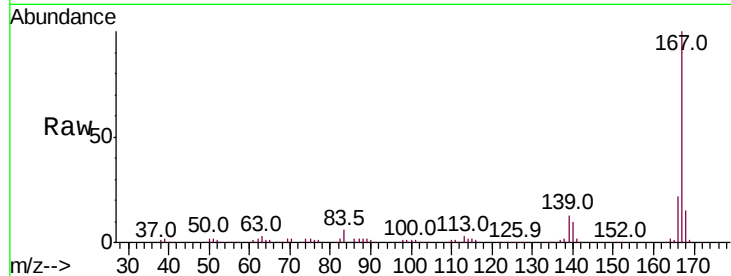
#73  
 Carbazole  
 Concen: 52.102 ng  
 RT: 17.85 min Scan# 2479  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 445851 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.0  | 17.9  | 26.9   |
| 139       | 13.0  | 10.2  | 15.2   |

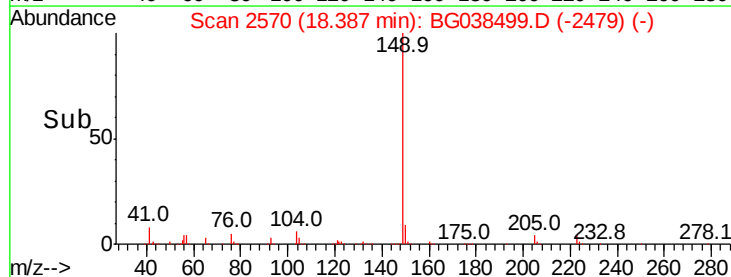
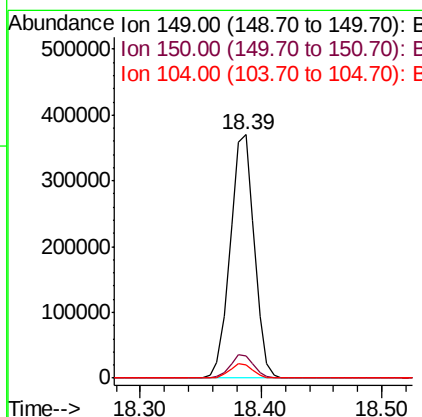
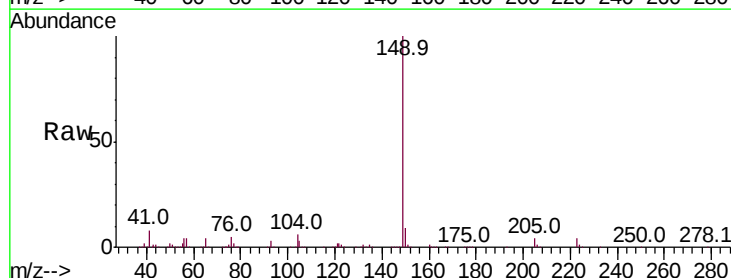
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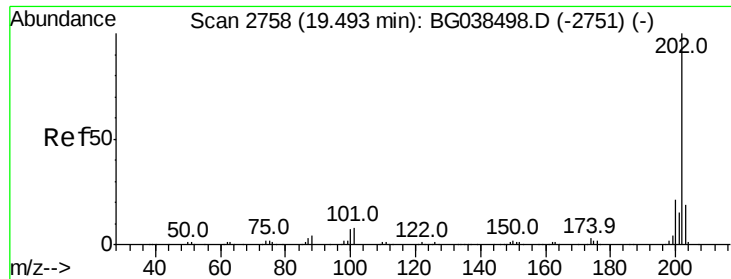
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#74  
 Di-n-butylphthalate  
 Concen: 51.108 ng  
 RT: 18.39 min Scan# 2570  
 Delta R.T. 0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 510919 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.6   | 11.4   |
| 104       | 5.7   | 5.0   | 7.4    |





#75

Fluoranthene

Concen: 53.034 ng

RT: 19.50 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

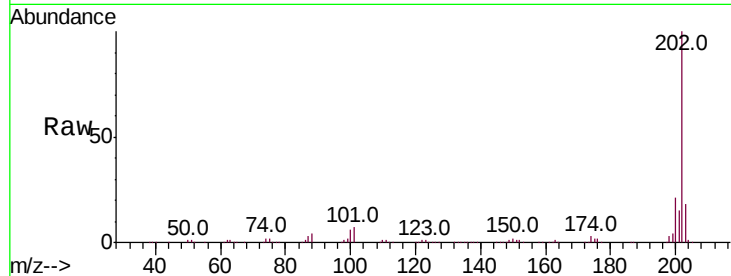
ClientSampleId :

SSTDIC050

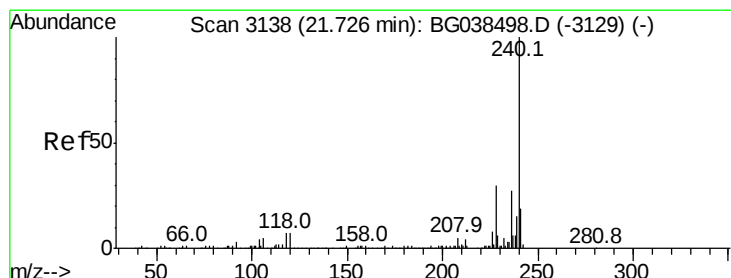
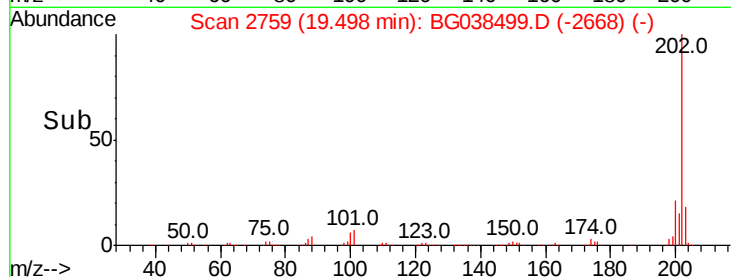
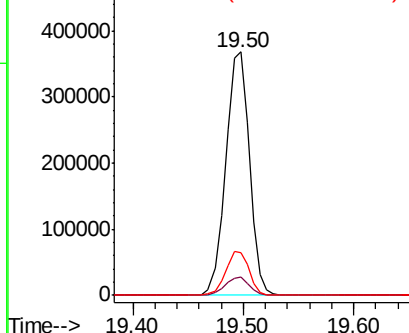
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 551656 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.4   | 0.0   | 28.1   |
| 203       | 17.7  | 0.0   | 39.0   |

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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: 21.72 min Scan# 3138

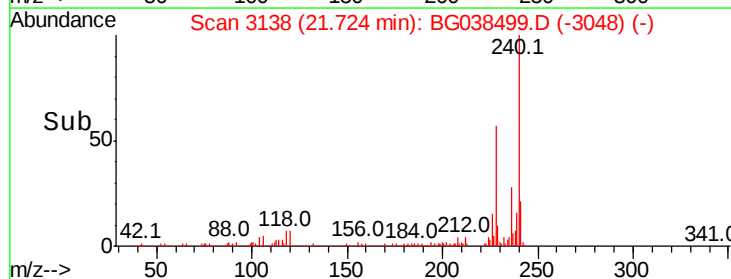
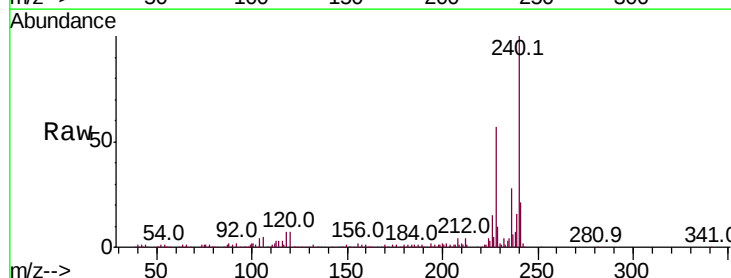
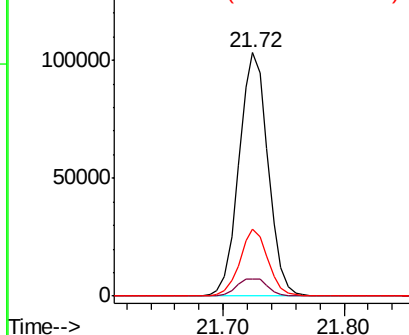
Delta R.T. -0.00 min

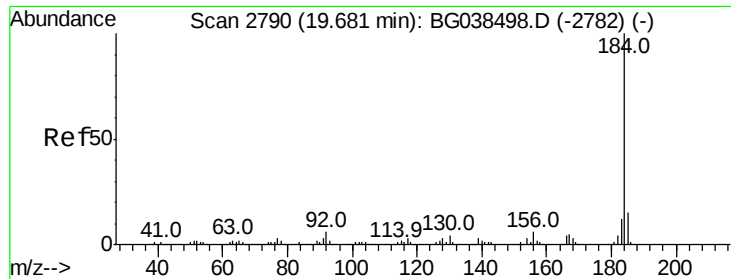
Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 173070 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.8   | 5.3   | 7.9    |
| 236       | 27.7  | 21.4  | 32.2   |

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: 43.458 ng

RT: 19.68 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

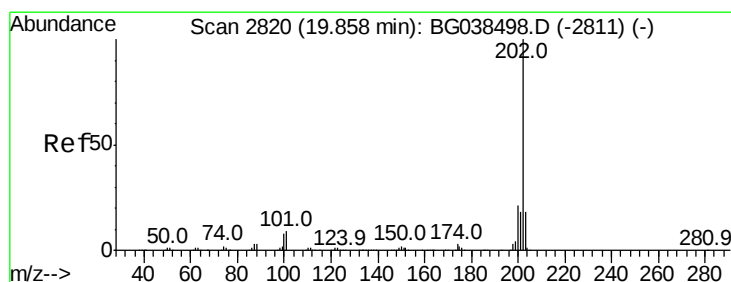
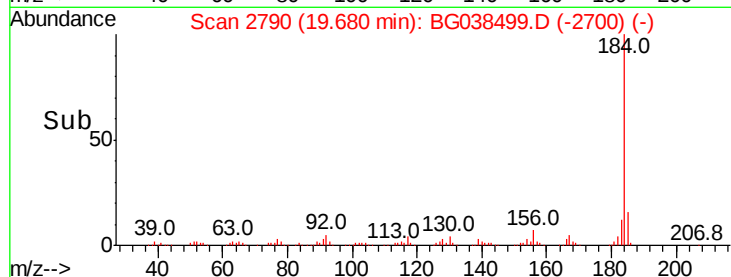
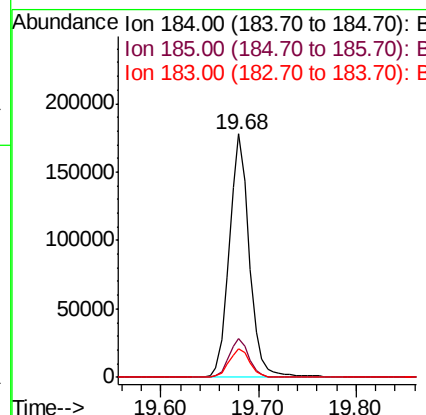
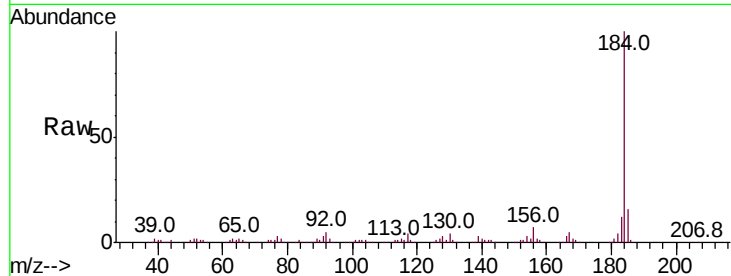
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 253805 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.0  | 12.2  | 18.2   |
| 183       | 11.7  | 9.6   | 14.4   |

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#78

Pyrene

Concen: 45.989 ng

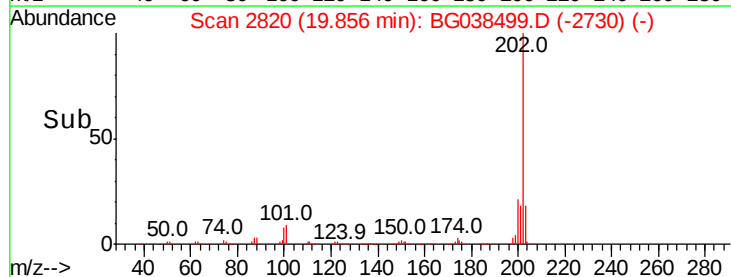
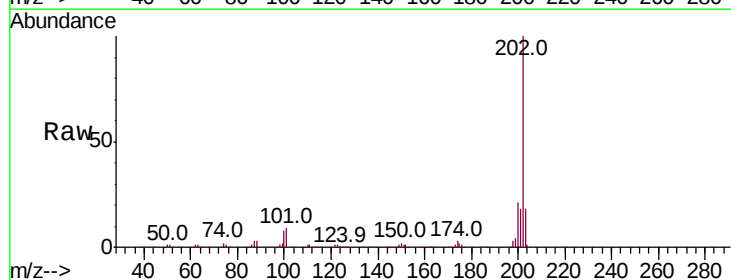
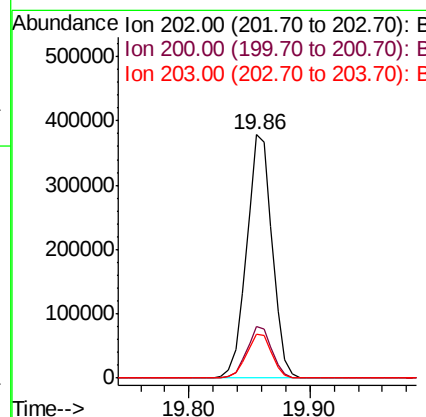
RT: 19.86 min Scan# 2820

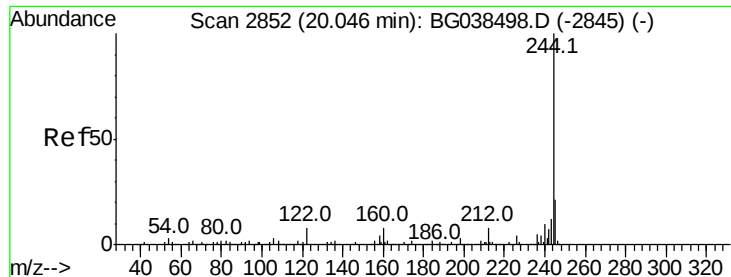
Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 556898 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 16.6  | 25.0   |
| 203       | 18.1  | 14.6  | 21.8   |





#79

Terphenyl-d14

Concen: 98.398 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

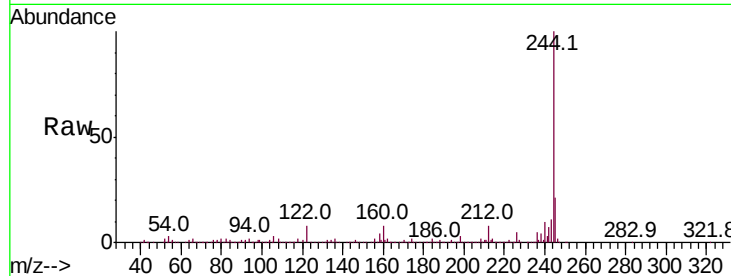
ClientSampleId :

SSTDIC050

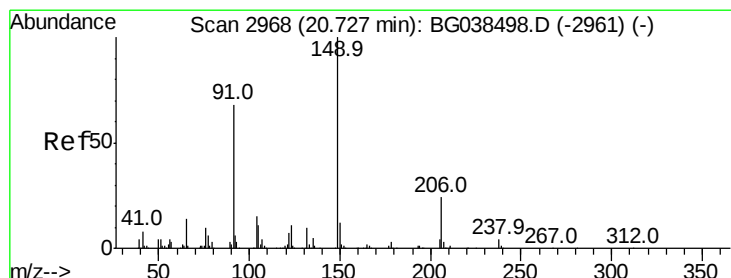
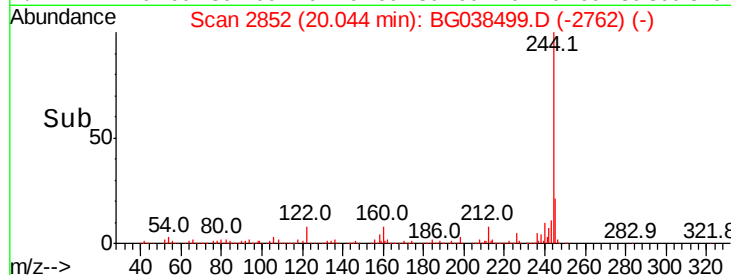
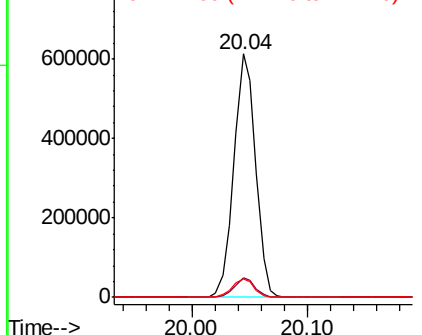
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 794945 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.8   | 6.2   | 9.2    |
| 122       | 7.6   | 6.3   | 9.5    |

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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: 47.699 ng

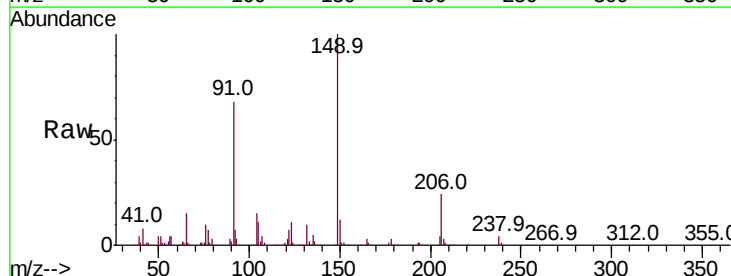
RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

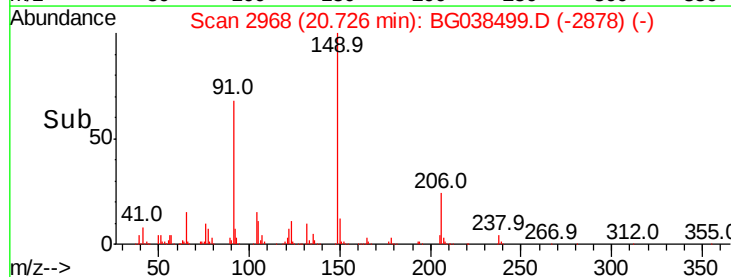
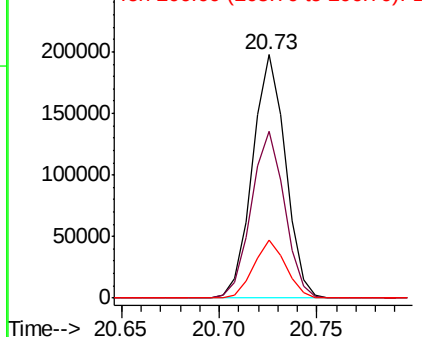
Lab File: BG038499.D

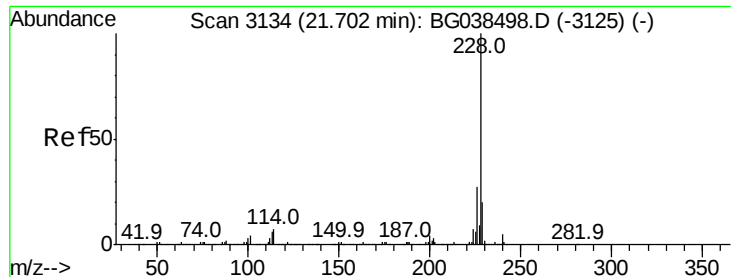
Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 232313 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 68.3  | 54.5  | 81.7   |
| 206       | 23.9  | 19.0  | 28.6   |



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: 50.307 ng

RT: 21.71 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

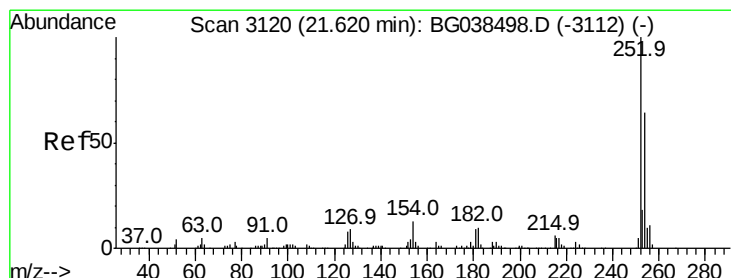
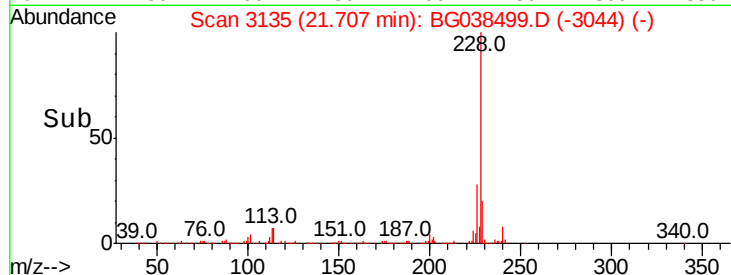
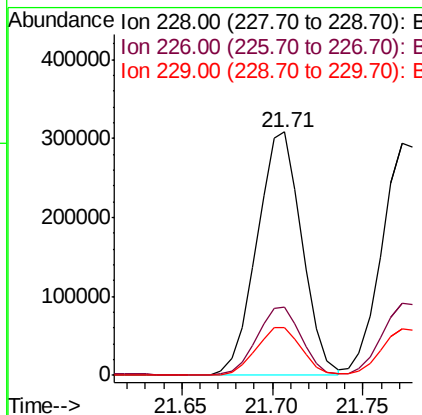
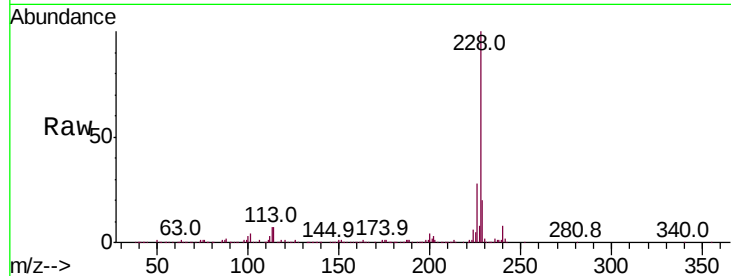
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 535117 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.9  | 21.8  | 32.8   |
| 229       | 19.6  | 15.8  | 23.6   |

Manual Integrations  
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#82

3,3'-Dichlorobenzidine

Concen: 52.405 ng

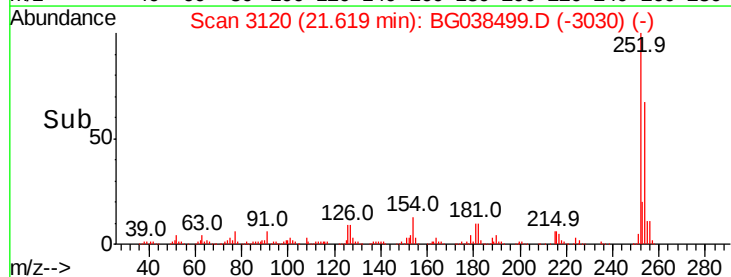
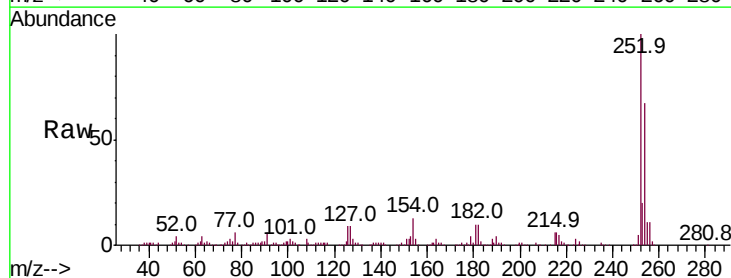
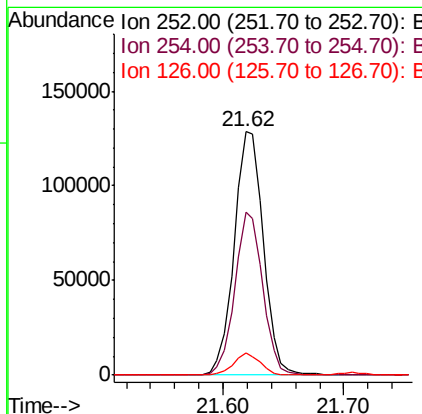
RT: 21.62 min Scan# 3120

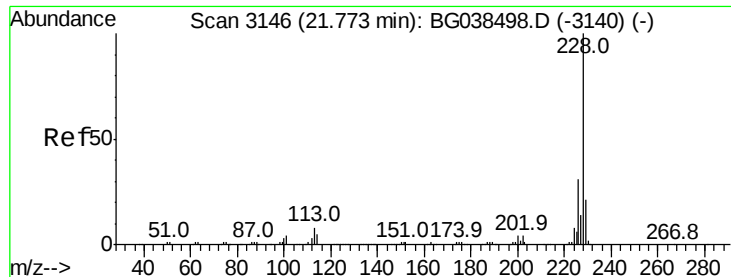
Delta R.T. -0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 216848 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 67.1  | 50.9  | 76.3   |
| 126       | 9.0   | 6.3   | 9.5    |





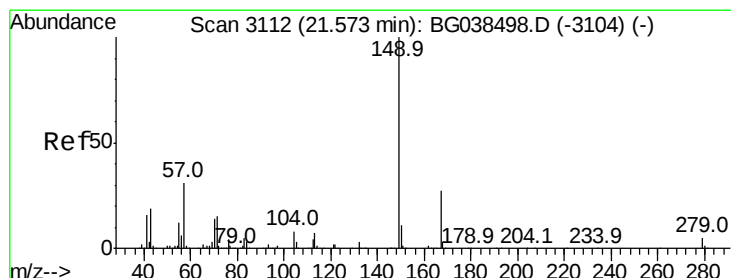
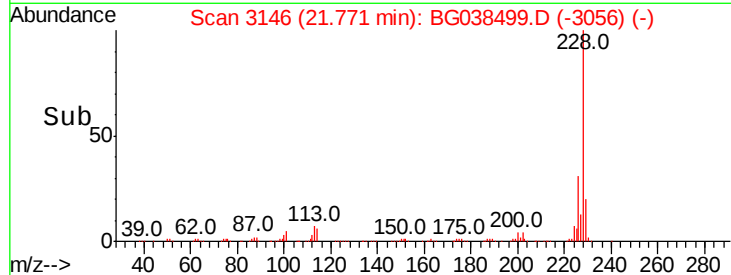
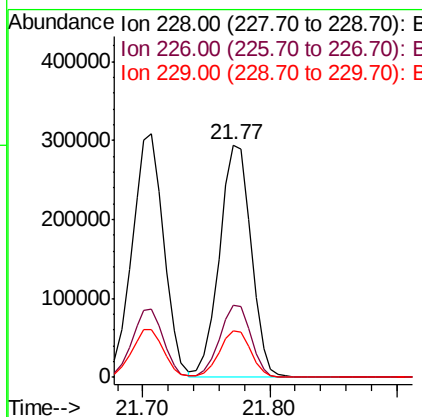
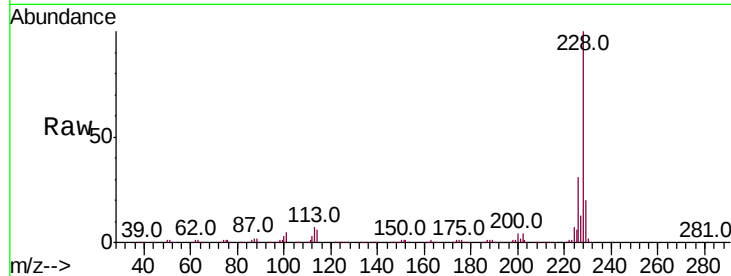
#83  
 Chrvsene  
 Concen: 50.444 ng  
 RT: 21.77 min Scan# 3146  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 507767 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.3  | 25.0  | 37.4   |
| 229       | 20.1  | 16.5  | 24.7   |

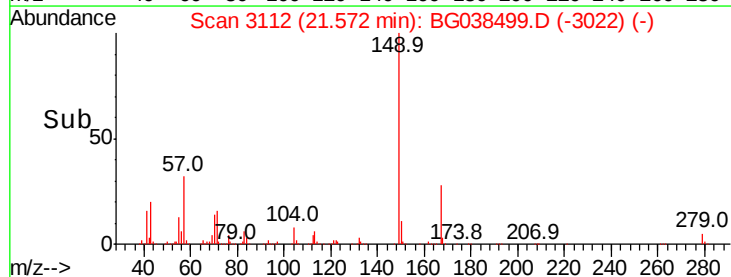
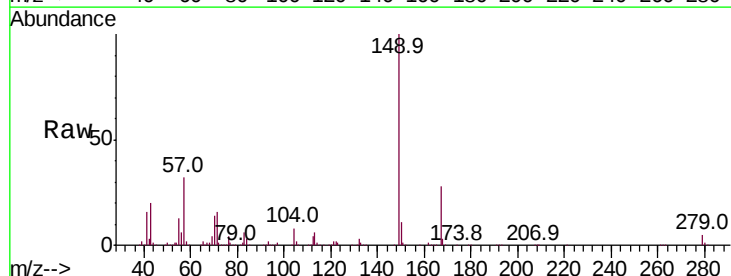
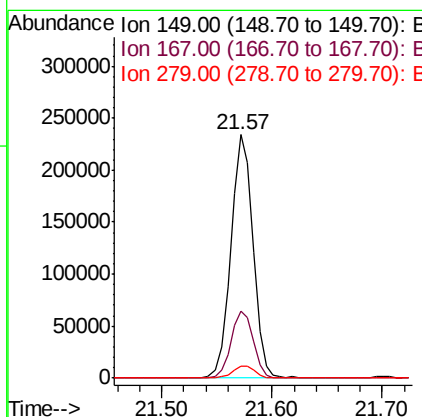
Manual Integrations  
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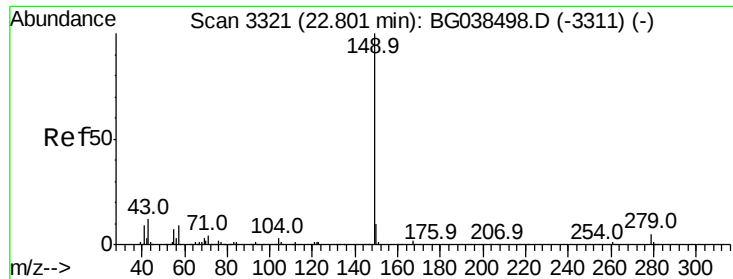
Sohil  
 12/13/2018 3:06:44 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.617 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.00 min  
 Lab File: BG038499.D  
 Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 328710 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.6  | 21.9  | 32.9   |
| 279       | 4.8   | 4.2   | 6.2    |





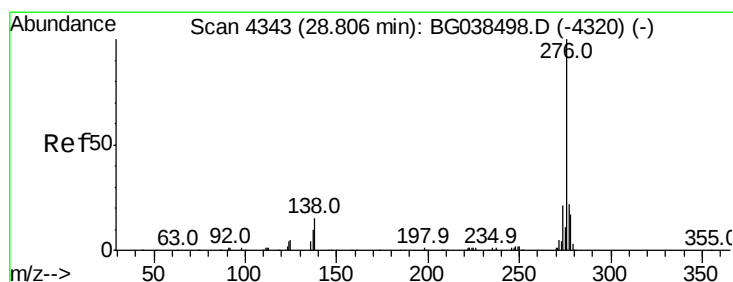
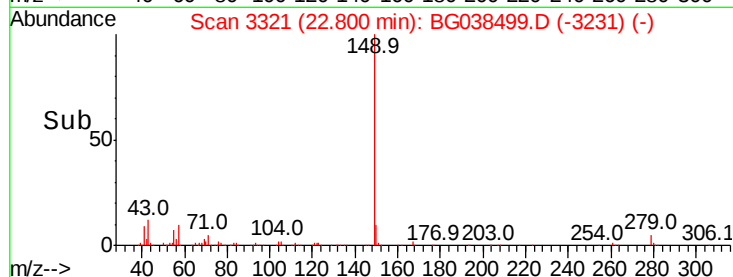
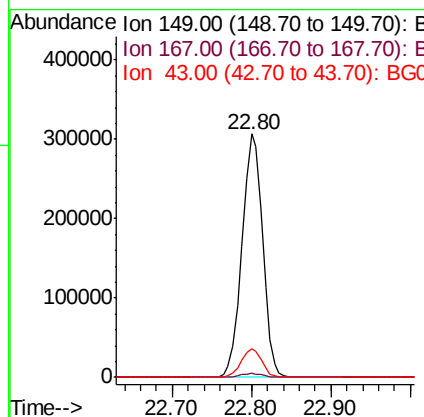
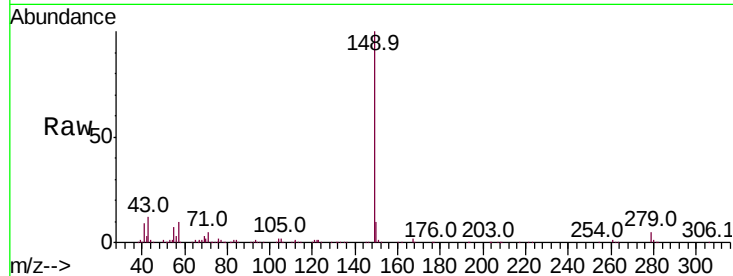
#85  
Di-n-octyl phthalate  
Concen: 46.663 ng  
RT: 22.80 min Scan# 3321  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 552346 |       |       |
| 167     | 1.6   |        | 1.2   | 1.8   |
| 43      | 11.9  |        | 9.3   | 13.9  |

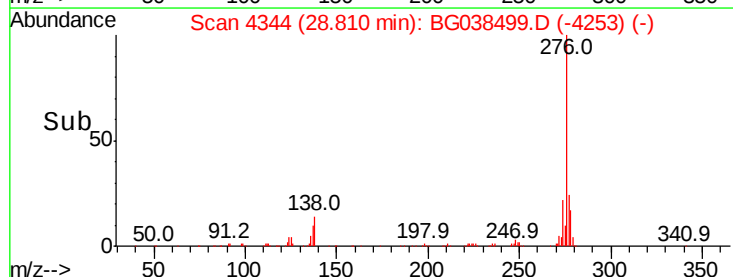
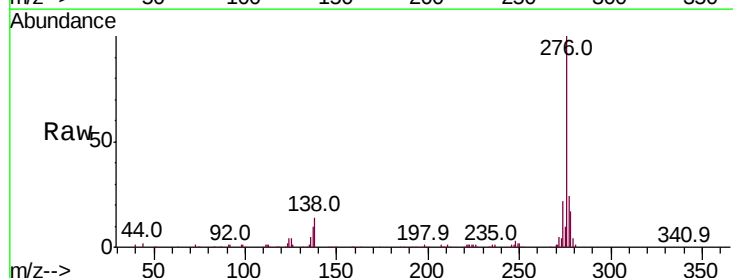
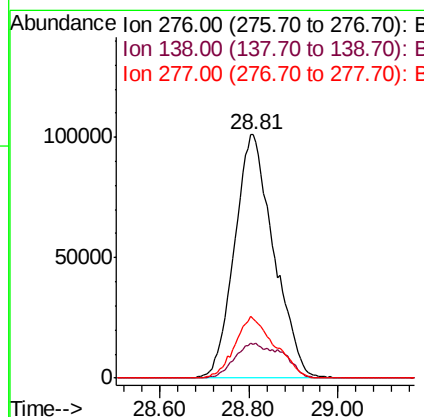
Manual Integrations  
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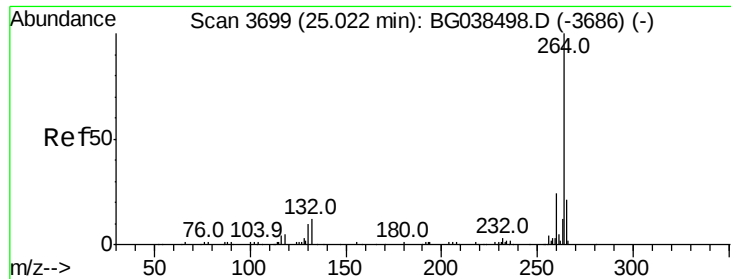
Sohil  
12/13/2018 3:06:44 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 54.064 ng  
RT: 28.81 min Scan# 4344  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 618481 |       |       |
| 138     | 13.0  |        | 14.4  | 21.6# |
| 277     | 25.6  |        | 0.0   | 0.0#  |





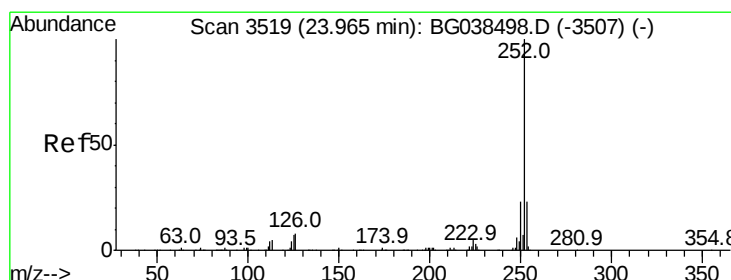
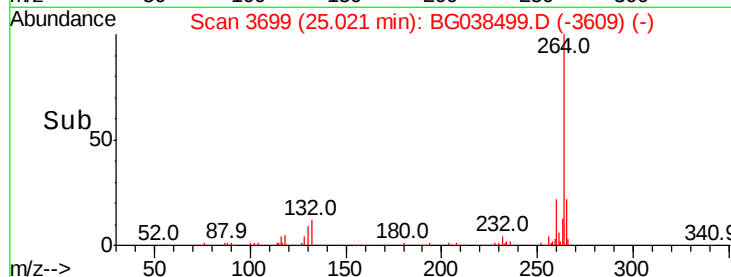
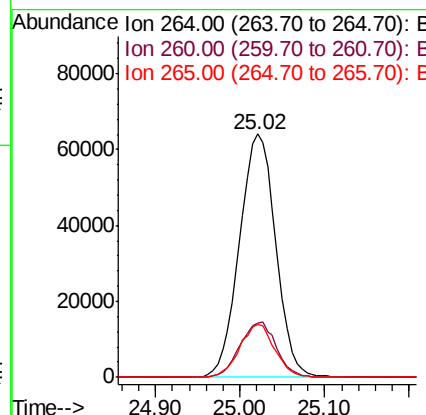
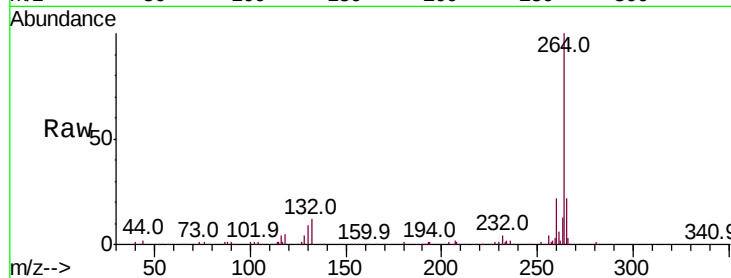
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3699  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.0  | 18.9  | 28.3  |
| 265     | 21.6  | 17.0  | 25.4  |

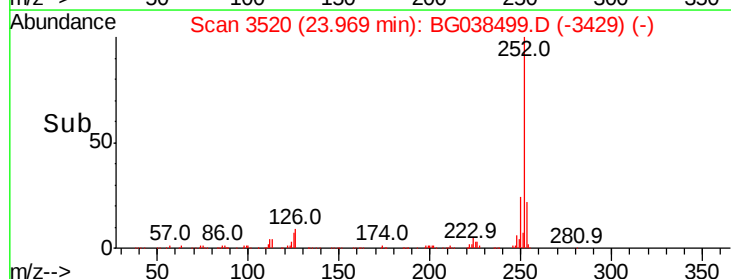
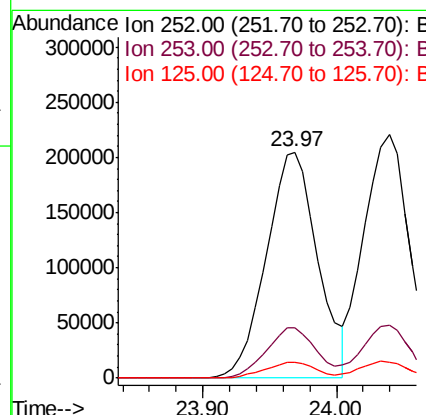
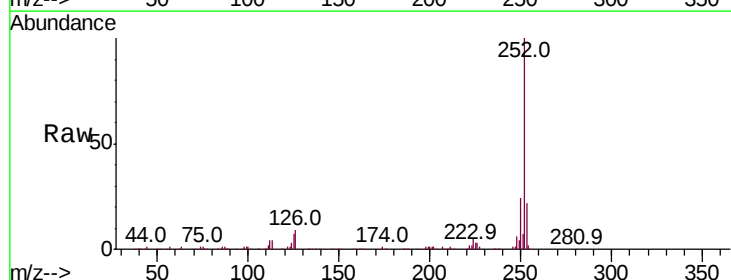
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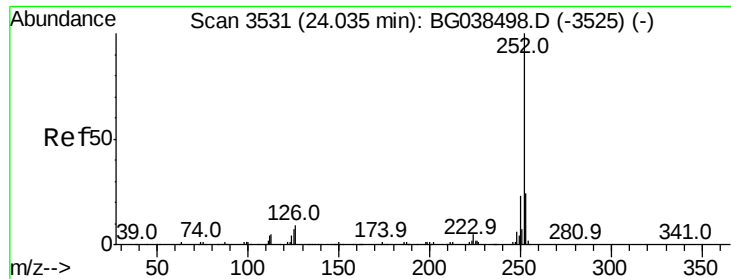
Sohil  
12/13/2018 3:06:44 PM



#88  
Benzo(b)fluoranthene  
Concen: 50.568 ng  
RT: 23.97 min Scan# 3520  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.1  | 27.1  |
| 125     | 6.8   | 5.5   | 8.3   |





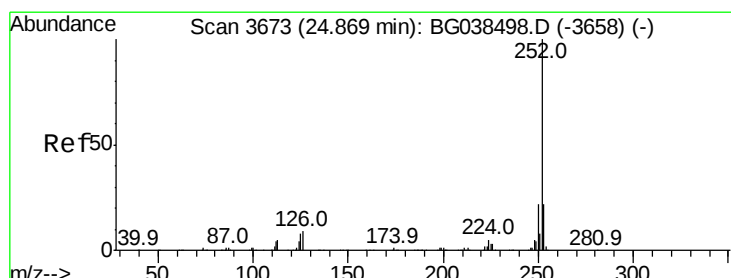
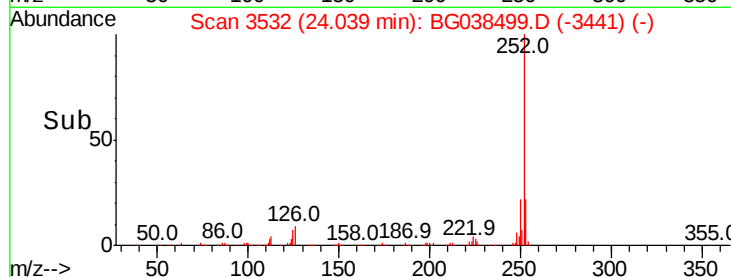
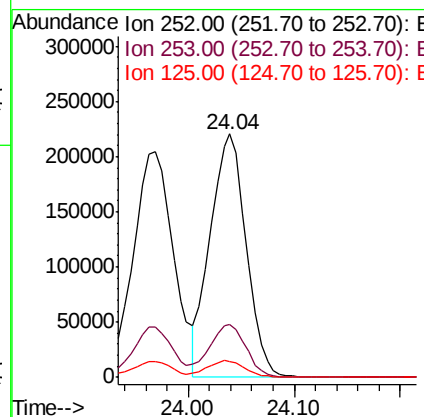
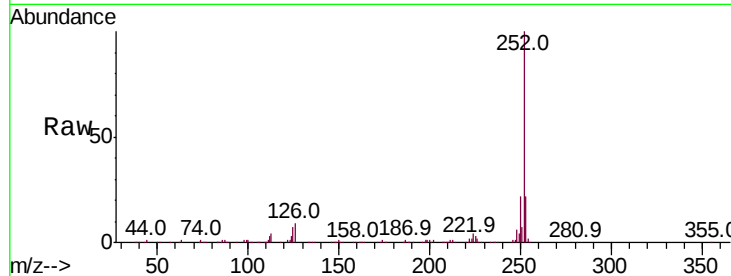
#89  
Benzo(k)fluoranthene  
Concen: 48.404 ng  
RT: 24.04 min Scan# 3532  
Delta R.T. 0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.9  | 28.3  |
| 125     | 6.7   | 5.4   | 8.2   |

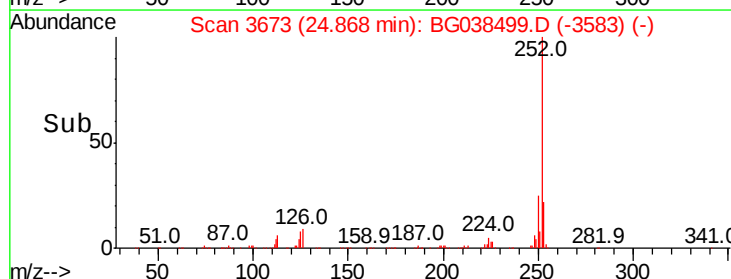
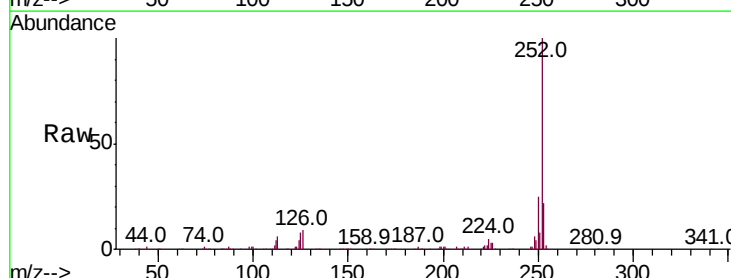
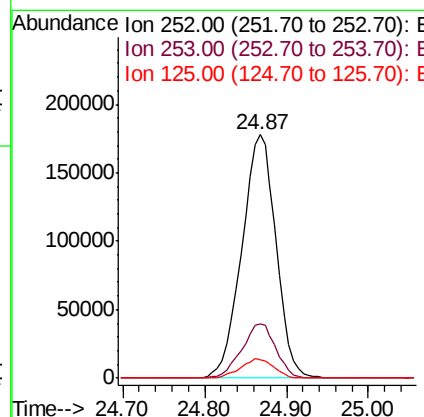
Manual Integrations  
APPROVED

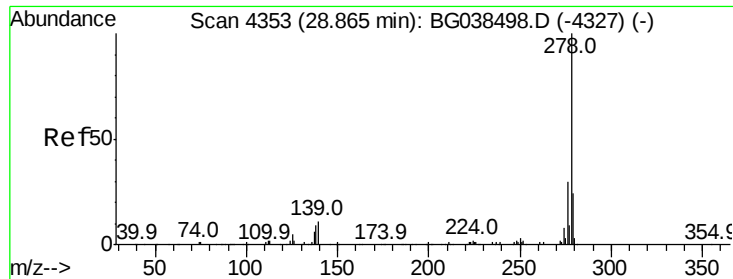
Sohil  
12/13/2018 3:06:44 PM



#90  
Benzo(a)pyrene  
Concen: 49.272 ng  
RT: 24.87 min Scan# 3673  
Delta R.T. -0.00 min  
Lab File: BG038499.D  
Acq: 12 Dec 2018 12:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.0  |
| 125     | 7.6   | 6.4   | 9.6   |





#91

Dibenzo(a,h)anthracene

Concen: 51.968 ng

RT: 28.87 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

Instrument :

BNA\_G

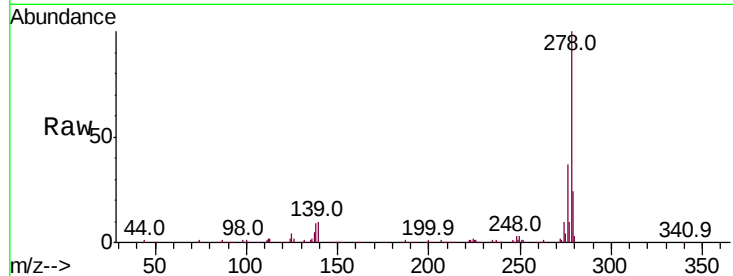
ClientSampleId :

SSTDICC050

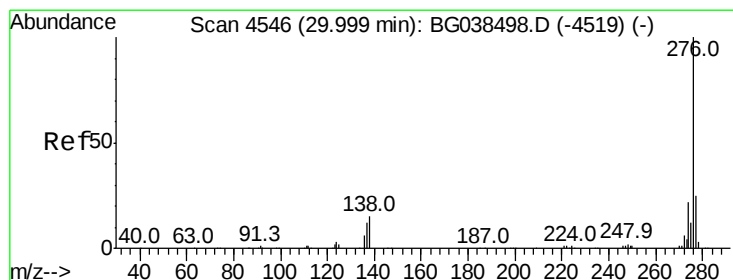
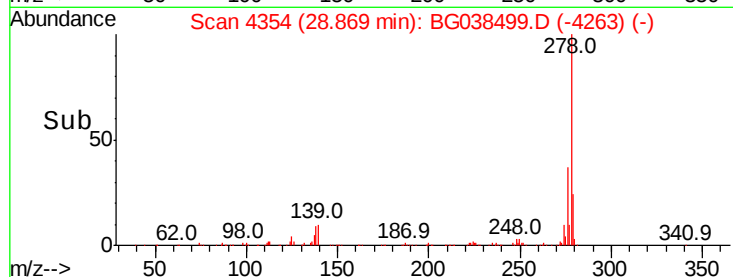
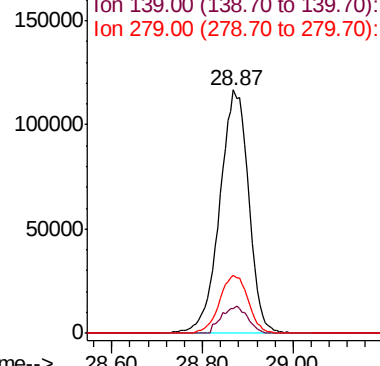
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 516204 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 10.2  | 8.6   | 12.8   |
| 279       | 23.9  | 19.0  | 28.6   |

Manual Integrations  
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12/13/2018 3:06:44 PM



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: 51.425 ng

RT: 30.00 min Scan# 4547

Delta R.T. 0.00 min

Lab File: BG038499.D

Acq: 12 Dec 2018 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 506799 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.8  | 29.8   |
| 138       | 13.6  | 11.8  | 17.6   |

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

