

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\  
 Data File : BG040580.D  
 Acq On : 23 Apr 2019 20:41  
 Operator : JU/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Sohil  
 4/25/2019 6:32:17 PM

Quant Time: Apr 24 04:34:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 04:08:20 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 42758    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 194595   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.79 | 164  | 131955   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.54 | 188  | 325065   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 348547   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.21 | 264  | 351264   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 292428  | 113.69 | ng | 0.00 |
| 7) Phenol-d6             | 7.29  | 99  | 454479  | 127.86 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.34  | 82  | 513795  | 140.34 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 225105  | 157.85 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.42 | 172 | 1098443 | 123.35 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.13 | 244 | 1838198 | 118.64 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 63413   | 52.433 | ng | 96     |
| 3) Pyridine                    | 3.97  | 79  | 200521m | 61.580 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 109466  | 72.674 | ng | 99     |
| 6) Aniline                     | 7.48  | 93  | 298486  | 64.633 | ng | 97     |
| 8) 2-Chlorophenol              | 7.72  | 128 | 177264  | 58.875 | ng | 95     |
| 9) Benzaldehyde                | 7.30  | 77  | 120333  | 49.352 | ng | 99     |
| 10) Phenol                     | 7.32  | 94  | 244806  | 63.450 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 181428  | 58.711 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.05  | 146 | 193301  | 59.060 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 195860  | 60.083 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 185592  | 59.535 | ng | 99     |
| 15) Benzyl Alcohol             | 8.40  | 79  | 237320  | 82.901 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 361731  | 60.993 | ng | 97     |
| 17) 2-Methylphenol             | 8.59  | 107 | 173230  | 64.885 | ng | 92     |
| 18) Hexachloroethane           | 9.25  | 117 | 78906   | 63.636 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 204178  | 80.115 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 239891  | 66.327 | ng | 97     |
| 22) Acetophenone               | 8.99  | 105 | 322170  | 66.370 | ng | # 97   |
| 24) Nitrobenzene               | 9.39  | 77  | 271419  | 71.594 | ng | 97     |
| 25) Isophorone                 | 9.90  | 82  | 551888  | 73.265 | ng | 99     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 98951   | 55.084 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 176764  | 61.949 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 271831  | 60.995 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 204909  | 66.160 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 225016  | 66.165 | ng | 99     |
| 31) Naphthalene                | 11.04 | 128 | 609271  | 61.083 | ng | 99     |
| 32) Benzoic acid               | 10.29 | 122 | 123934  | 71.887 | ng | 95     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 269146  | 63.260 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 167356  | 76.946 | ng | 95     |
| 35) Caprolactam                | 11.95 | 113 | 79920   | 65.024 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 255666  | 71.804 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 458365  | 62.135 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 448336  | 62.675 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 301448  | 71.876 | ng | 100    |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

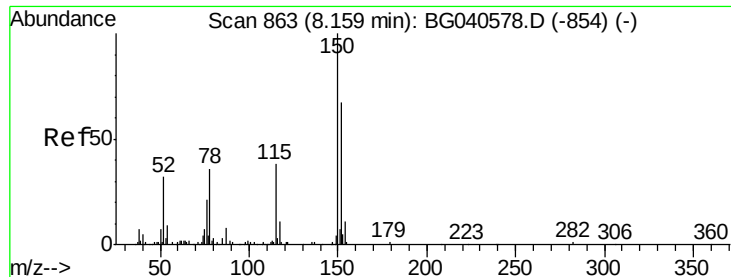
Sohil  
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Quant Time: Apr 24 04:34:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 04:08:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.96 | 237  | 176752   | 76.755 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.22 | 196  | 181117   | 66.981 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.29 | 196  | 197403   | 66.978 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 621293   | 59.590 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 486224   | 60.797 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.88 | 65   | 188062   | 69.714 | nq    | 98       |
| 49) Acenaphthylene             | 14.52 | 152  | 815564   | 60.146 | nq    | 99       |
| 50) Dimethylphthalate          | 14.25 | 163  | 663627   | 64.259 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 137180   | 59.158 | nq    | 98       |
| 52) Acenaphthene               | 14.86 | 154  | 476721   | 61.355 | nq    | 96       |
| 53) 3-Nitroaniline             | 14.70 | 138  | 141715   | 57.735 | nq    | 92       |
| 54) 2,4-Dinitrophenol          | 14.90 | 184  | 69602    | 56.439 | nq    | 90       |
| 55) Dibenzofuran               | 15.19 | 168  | 787938   | 63.110 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 122104   | 61.636 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.15 | 165  | 190889   | 59.244 | nq    | 97       |
| 58) Fluorene                   | 15.84 | 166  | 630978   | 64.281 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 199298m  | 74.517 | nq    |          |
| 60) Diethylphthalate           | 15.60 | 149  | 696821   | 65.938 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.83 | 204  | 366295   | 69.811 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 155510   | 59.036 | nq    | 97       |
| 63) Azobenzene                 | 16.12 | 77   | 723292   | 72.560 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 98691    | 54.040 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 576186   | 60.573 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 248750   | 68.000 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 251732   | 68.441 | nq    | 96       |
| 69) Atrazine                   | 16.98 | 200  | 215471   | 60.893 | nq    | 97       |
| 70) Pentachlorophenol          | 17.17 | 266  | 156955   | 73.811 | nq    | 99       |
| 71) Phenanthrene               | 17.58 | 178  | 1040135  | 60.876 | nq    | 98       |
| 72) Anthracene                 | 17.67 | 178  | 1049150  | 61.348 | nq    | 98       |
| 73) Carbazole                  | 17.94 | 167  | 951979   | 58.819 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 1134779  | 59.150 | nq    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 1287436  | 63.634 | nq    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 430494   | 34.203 | nq    | 99       |
| 78) Pyrene                     | 19.94 | 202  | 1290127  | 56.286 | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.82 | 149  | 507990   | 51.793 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1301613  | 60.629 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 456737   | 55.926 | nq    | 100      |
| 83) Chrysene                   | 21.88 | 228  | 1240956  | 60.145 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 730264   | 52.086 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.97 | 149  | 1229069  | 51.453 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.12 | 276  | 1515093  | 60.039 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 1274901  | 59.282 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 1204953  | 60.927 | nq    | 98       |
| 90) Benzo(a)pyrene             | 25.06 | 252  | 1215630  | 60.245 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 29.19 | 278  | 1228496  | 65.553 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.35 | 276  | 1229698  | 63.849 | nq    | 97       |

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





#1

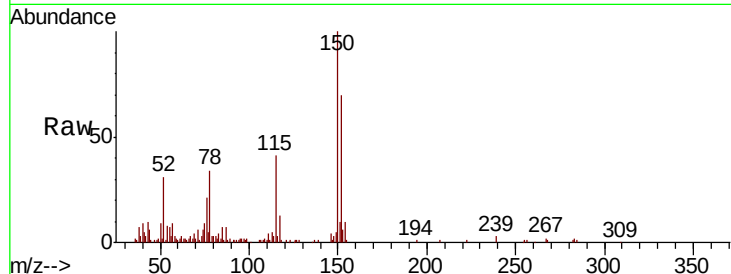
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.16 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.1 | 120.2 | 180.2 |
| 115     | 57.9  | 46.2  | 69.2  |

Manual Integrations  
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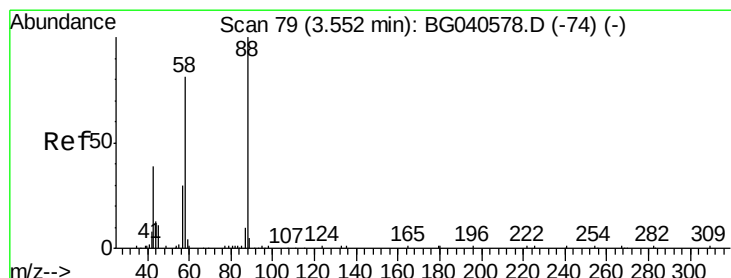
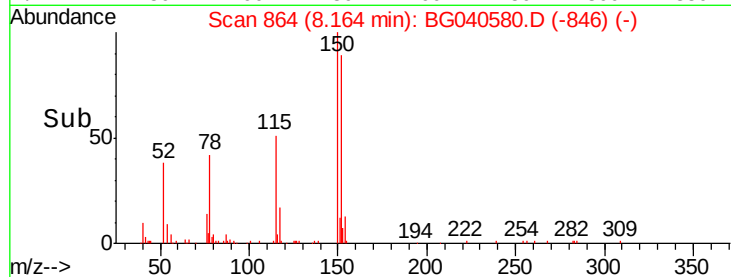
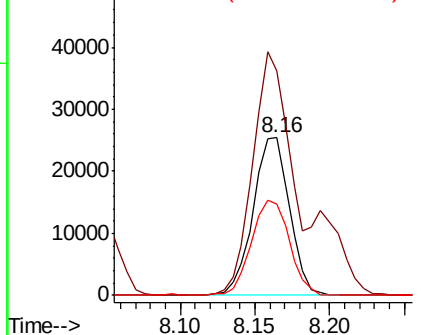


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

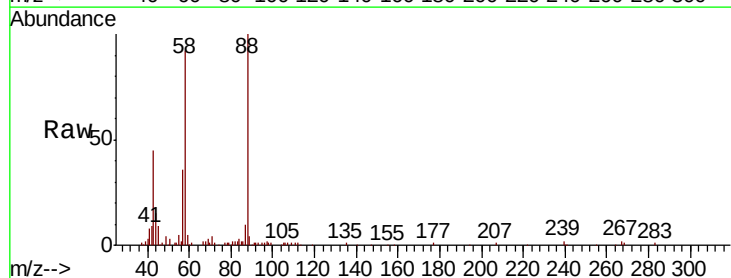
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 52.433 ng  
RT: 3.56 min Scan# 80  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.0  | 71.2  | 106.8 |
| 43      | 41.6  | 35.6  | 53.4  |

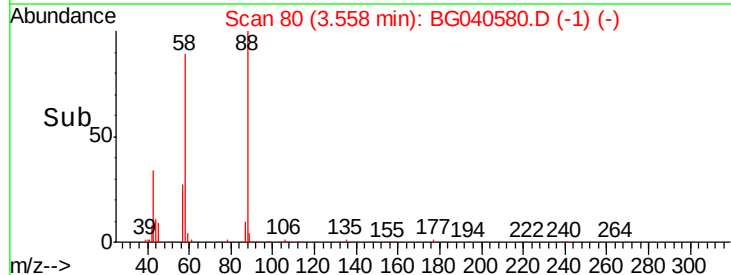
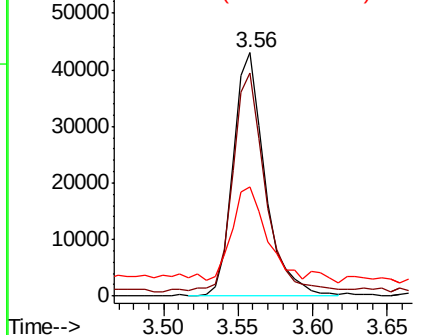


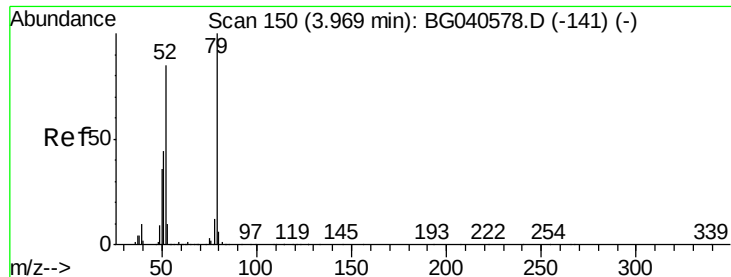
Abundance

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: 61.580 ng/ml

RT: 3.97 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

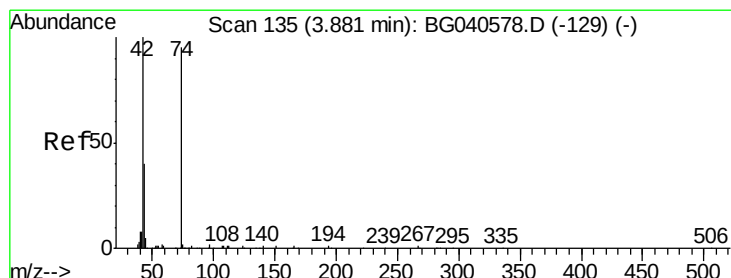
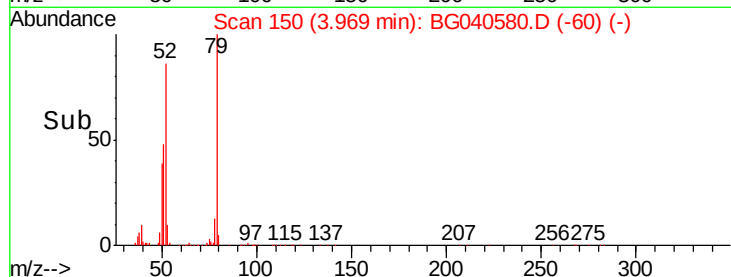
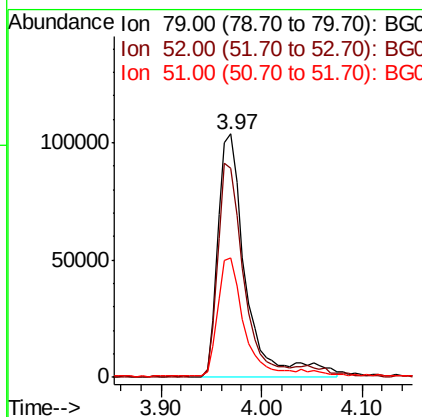
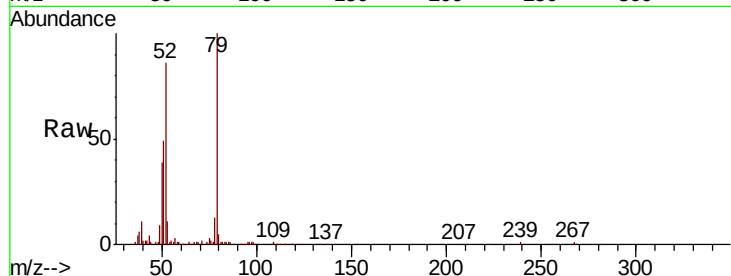
ClientSampled :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 200521 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 86.1  | 67.5  | 101.3  |
| 51       | 49.2  | 35.6  | 53.4   |

Manual Integrations  
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4/25/2019 6:32:17 PM



#4

n-Nitrosodimethylamine

Concen: 72.674 ng/ml

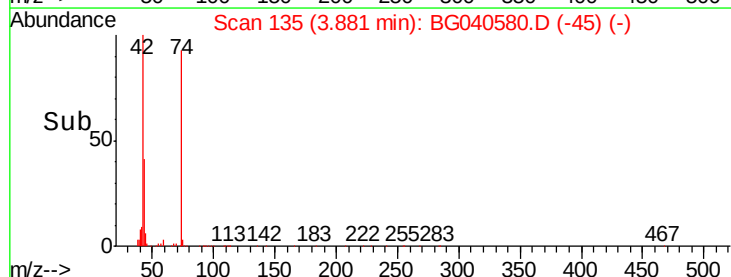
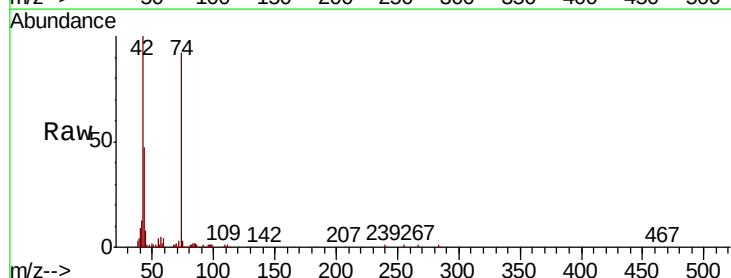
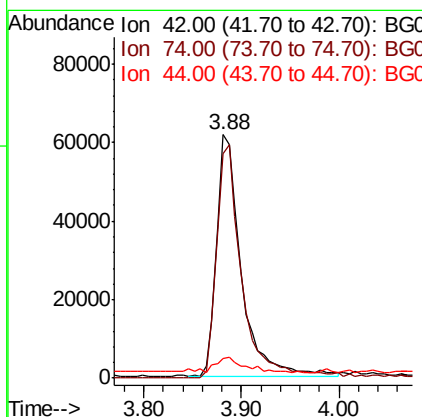
RT: 3.88 min Scan# 135

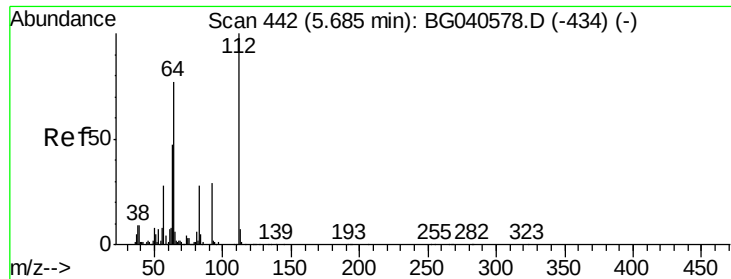
Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 109466 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 92.4  | 74.6  | 111.8  |
| 44       | 7.8   | 7.4   | 11.0   |





#5

2-Fluorophenol

Concen: 113.695 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

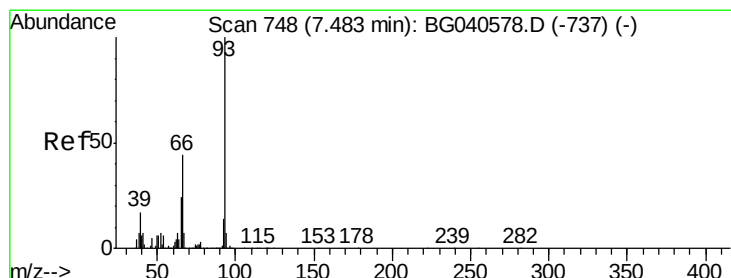
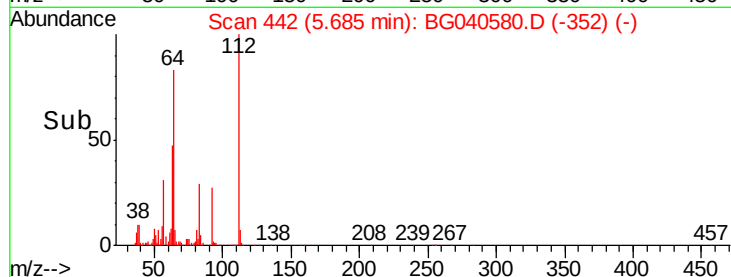
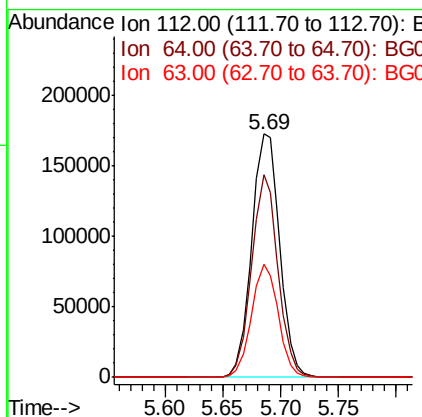
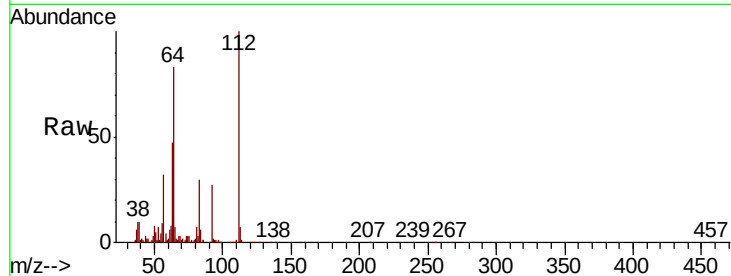
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 292428 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 83.0  | 61.4  | 92.0   |
| 63        | 46.6  | 37.8  | 56.6   |

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#6

Aniline

Concen: 64.633 ng

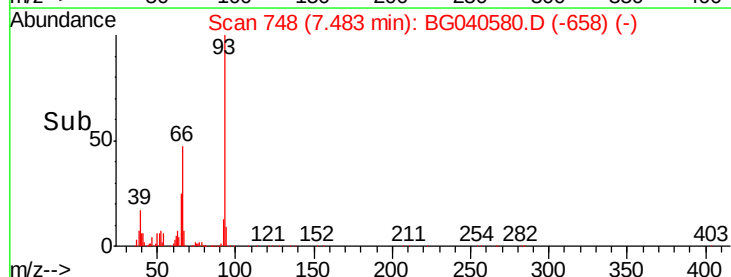
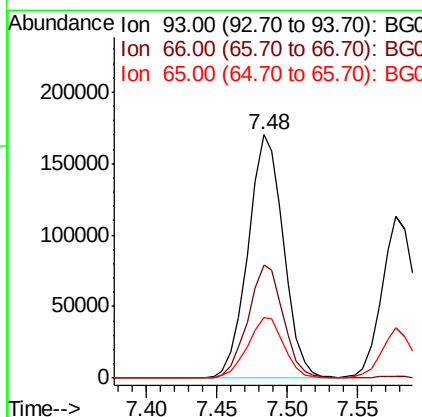
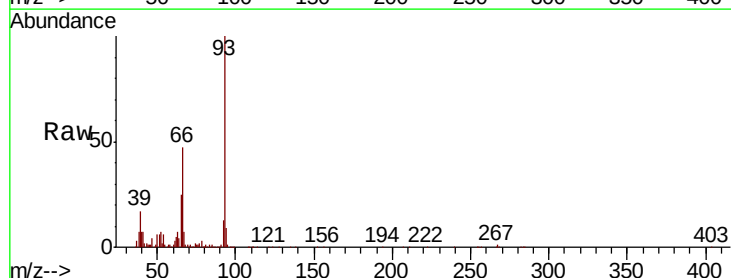
RT: 7.48 min Scan# 748

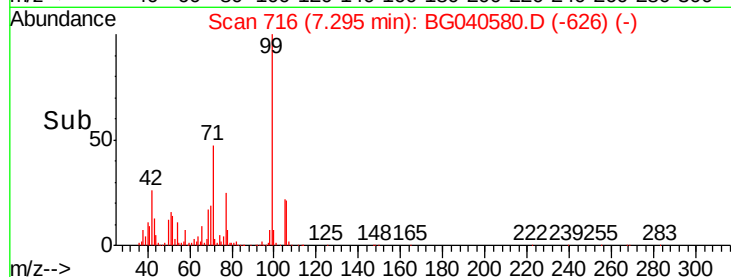
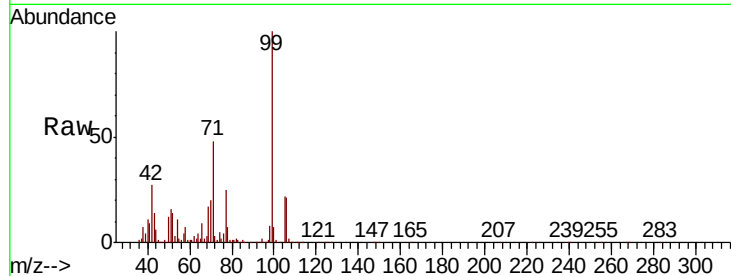
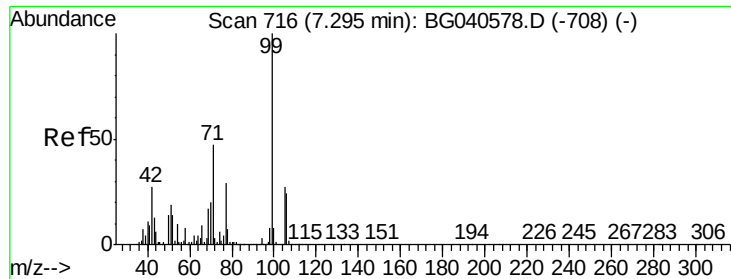
Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 298486 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 46.7  | 35.5  | 53.3   |
| 65        | 24.7  | 19.2  | 28.8   |





#7

Phenol-d6

Concen: 127.856 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 454479 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 26.6  | 21.8  | 32.8   |
| 71       | 47.7  | 38.6  | 57.8   |

Instrument :

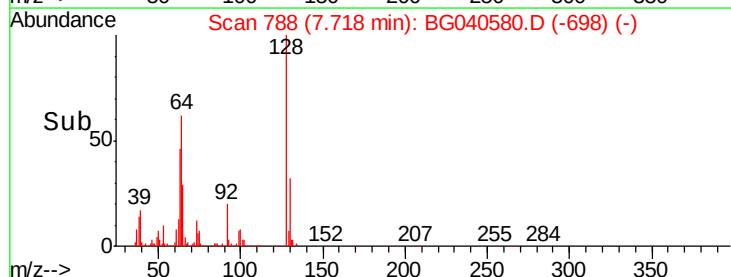
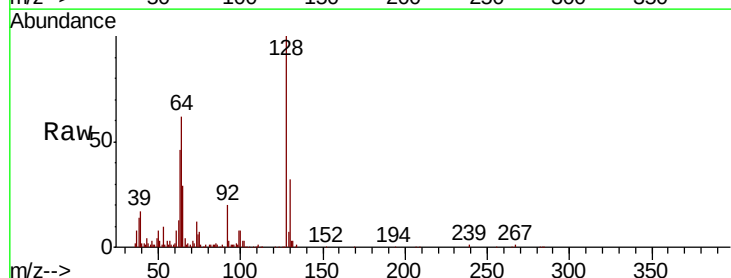
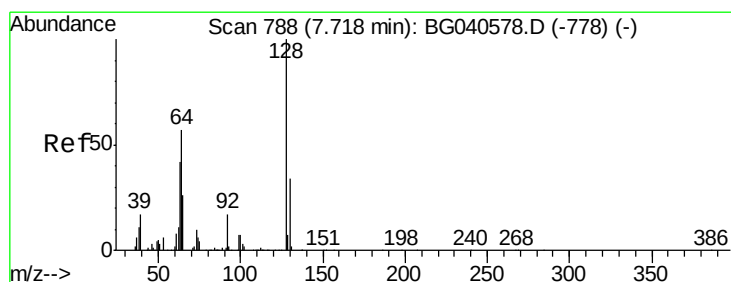
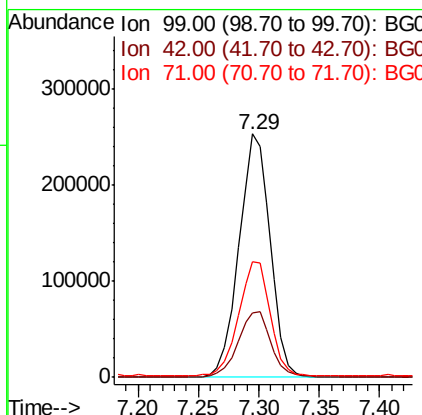
BNA\_G

ClientSampleId :

SSTDIC060

Manual Integrations  
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#8

2-Chlorophenol

Concen: 58.875 ng

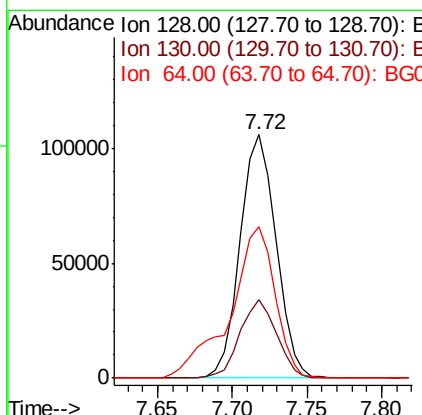
RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

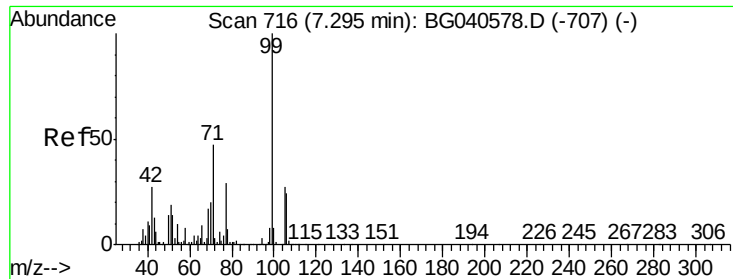
Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 177264 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.1  | 14.5  | 54.5   |
| 64       | 62.4  | 38.4  | 78.4   |







#9

Benzaldehyde

Concen: 49.352 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

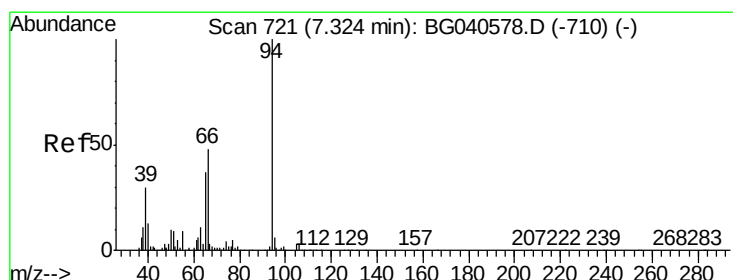
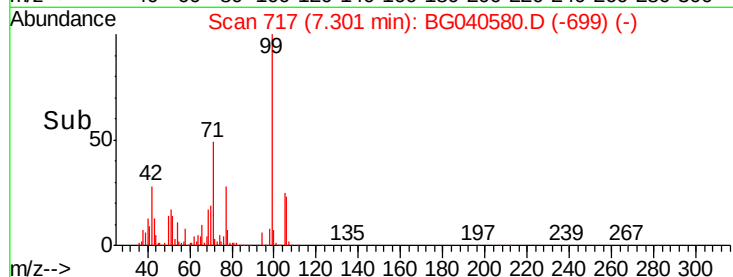
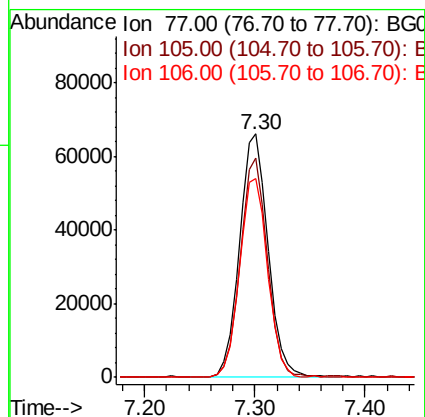
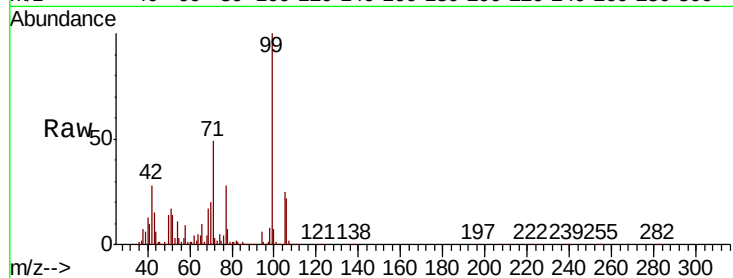
ClientSampleId :

SSTDIC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 120333 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 90.1  | 72.0  | 112.0  |
| 106      | 81.6  | 61.2  | 101.2  |

Manual Integrations  
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#10

Phenol

Concen: 63.450 ng

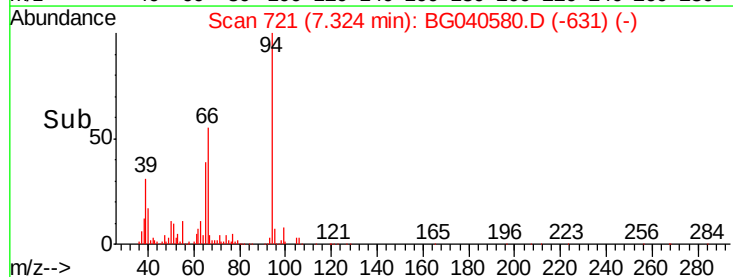
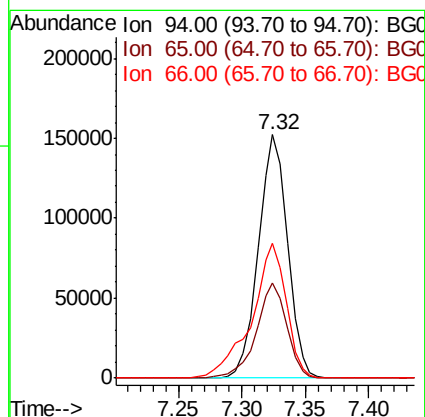
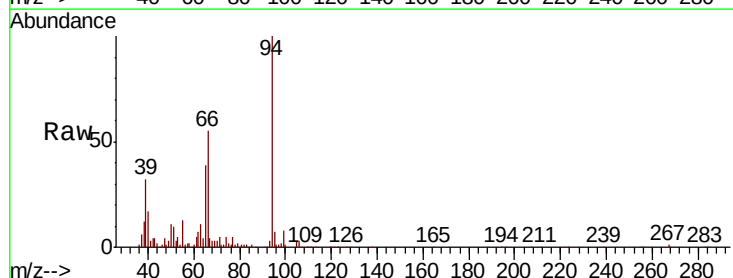
RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

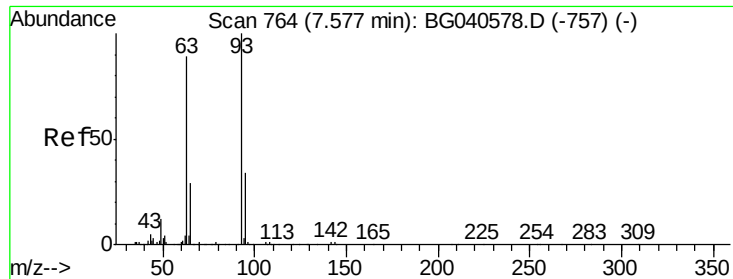
Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 244806 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 39.0  | 17.0  | 57.0   |
| 66       | 55.5  | 28.6  | 68.6   |







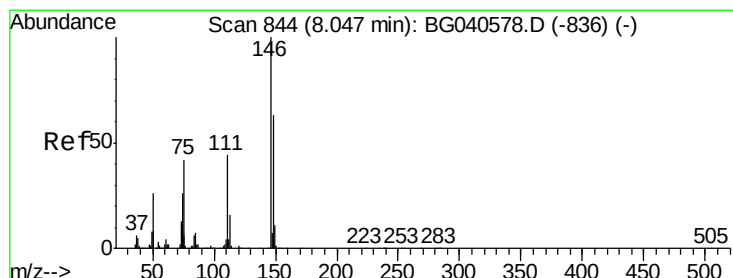
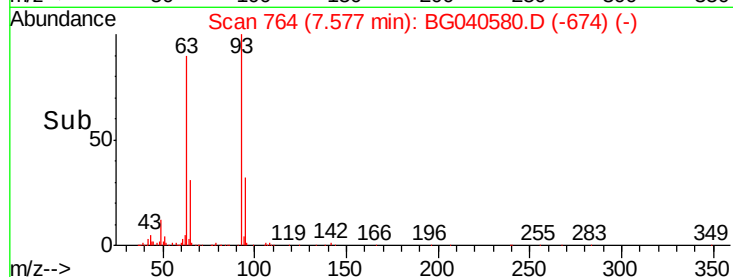
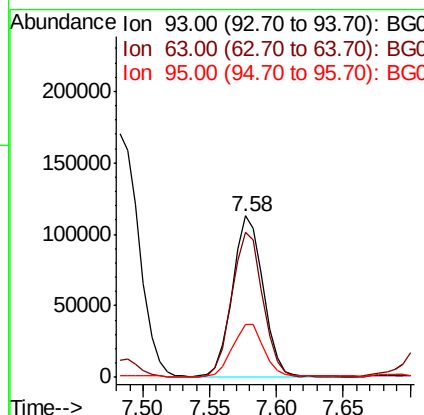
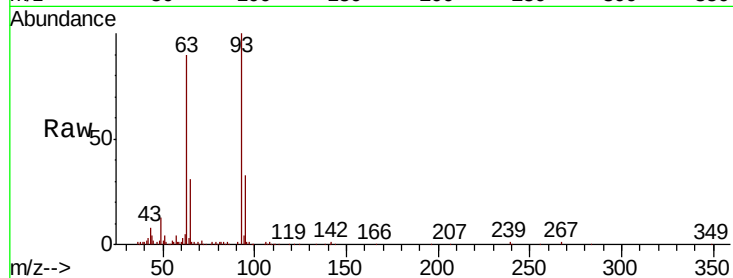
#11  
bis(2-Chloroethyl)ether  
Concen: 58.711 ng  
RT: 7.58 min Scan# 764  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 181428 |       |       |
| 63      | 89.7 | 68.2  | 108.2  |       |       |
| 95      | 32.7 | 14.3  | 54.3   |       |       |

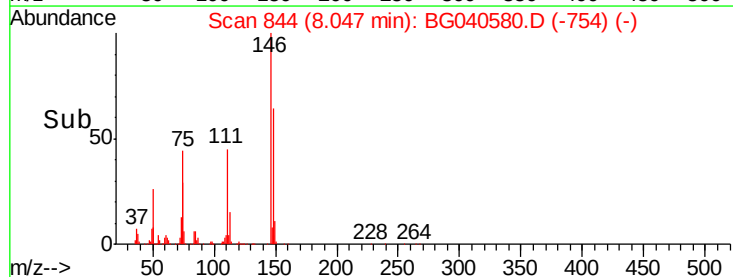
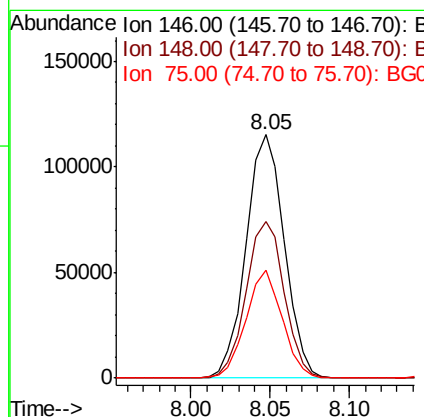
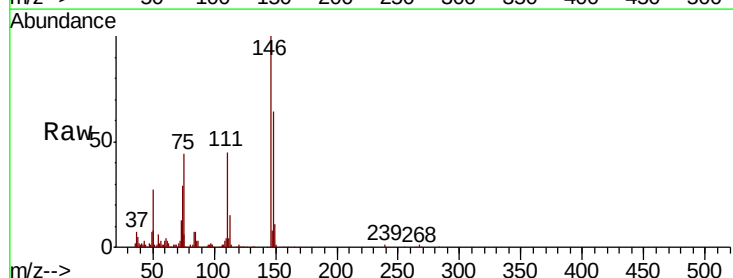
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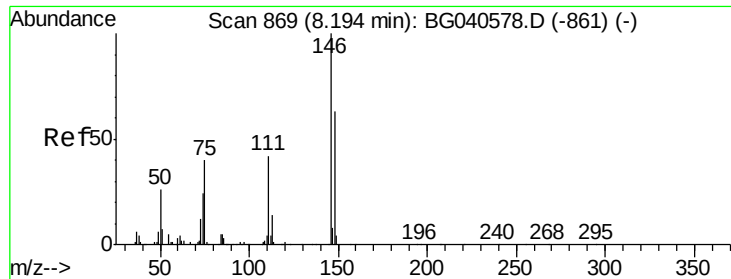
Sohil  
4/25/2019 6:32:17 PM



#12  
1,3-Dichlorobenzene  
Concen: 59.060 ng  
RT: 8.05 min Scan# 844  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 193301 |       |       |
| 148     | 64.4 | 50.7  | 76.1   |       |       |
| 75      | 44.3 | 33.4  | 50.2   |       |       |





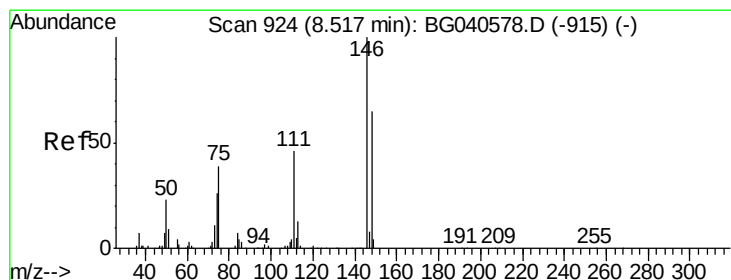
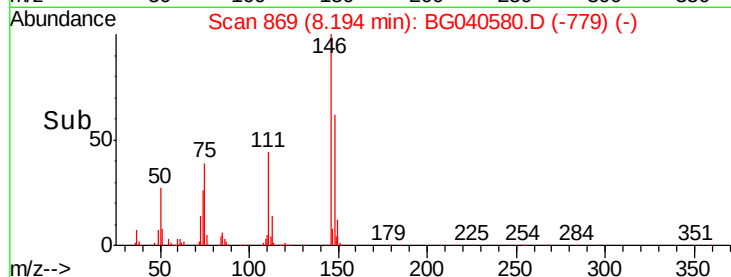
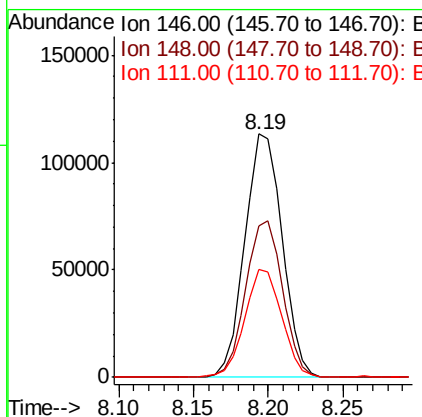
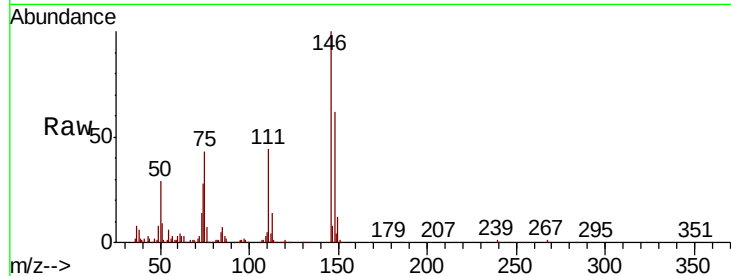
#13  
1,4-Dichlorobenzene  
Concen: 60.083 ng  
RT: 8.19 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 50.6  | 75.8  |
| 111     | 44.3  | 34.3  | 51.5  |

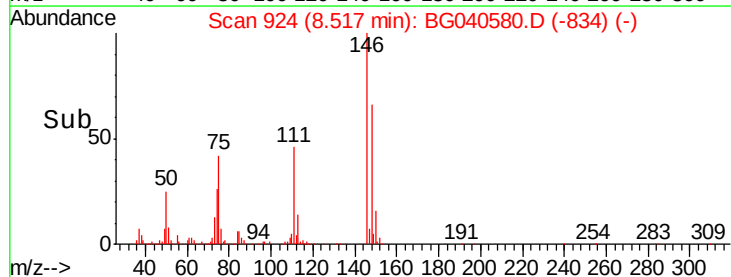
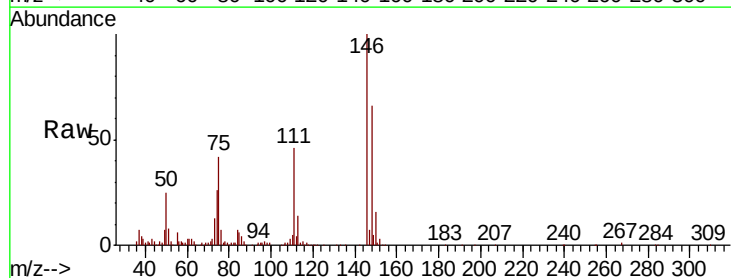
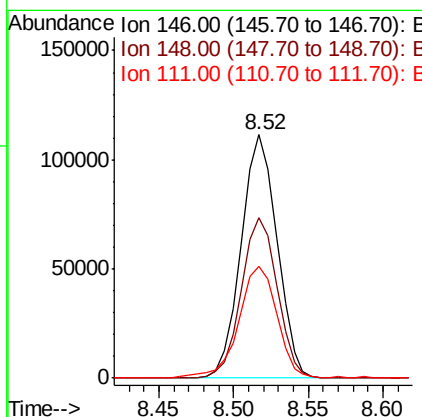
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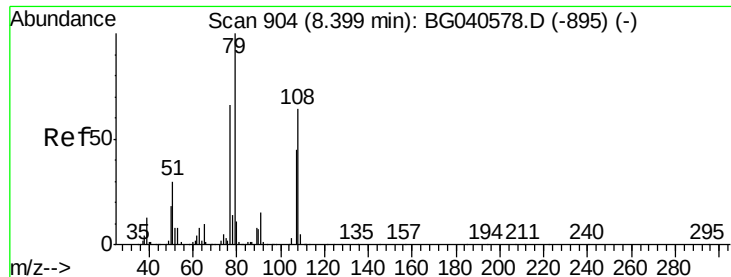
Sohil  
4/25/2019 6:32:17 PM



#14  
1,2-Dichlorobenzene  
Concen: 59.535 ng  
RT: 8.52 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 52.2  | 78.4  |
| 111     | 45.9  | 37.4  | 56.0  |





#15

Benzyl Alcohol

Concen: 82.901 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

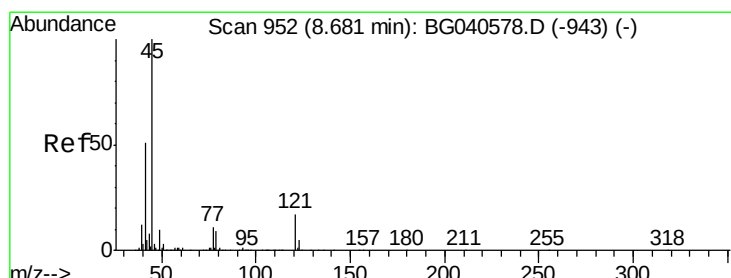
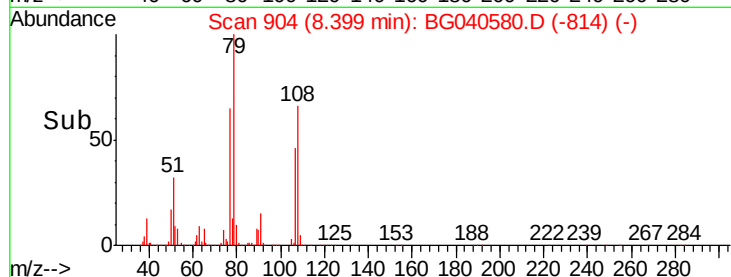
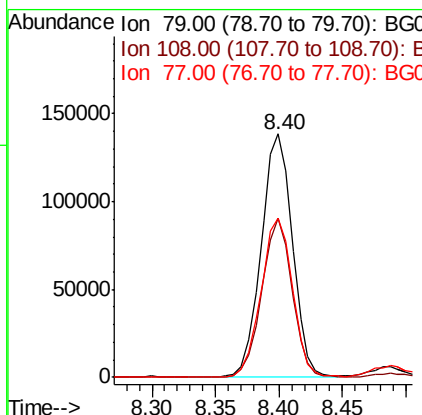
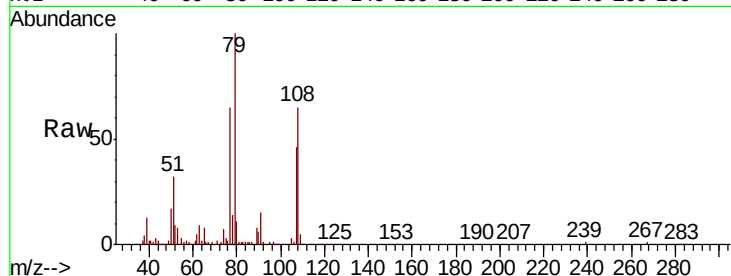
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 237320 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 65.4  | 51.4  | 77.0   |
| 77        | 65.5  | 52.6  | 79.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.993 ng

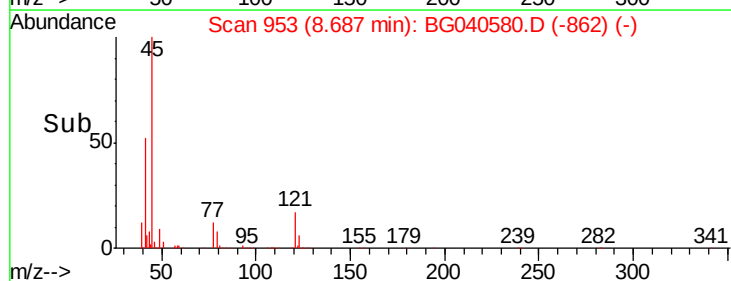
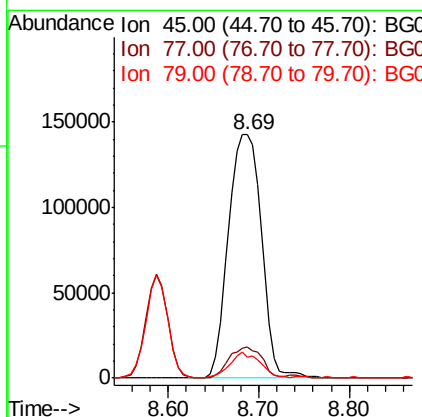
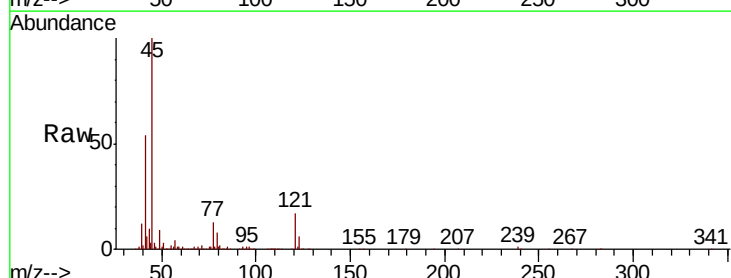
RT: 8.69 min Scan# 953

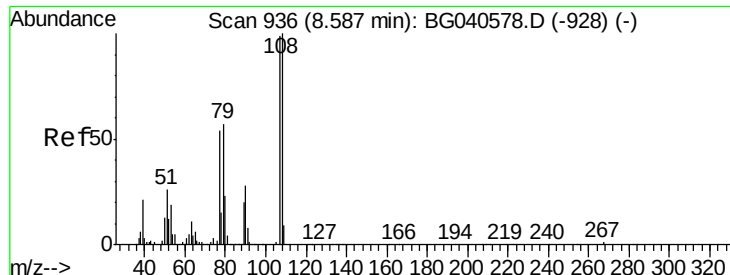
Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 361731 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.8  | 0.0   | 31.5   |
| 79        | 8.4   | 0.0   | 29.4   |





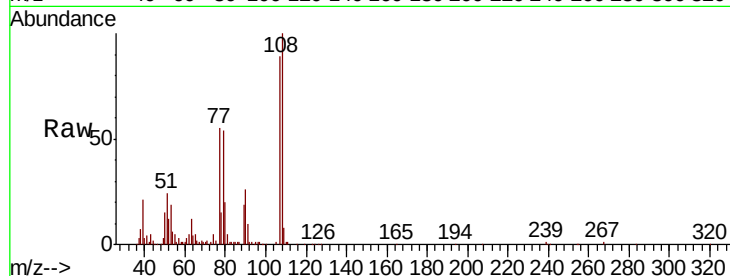
#17  
2-Methylphenol  
Concen: 64.885 ng  
RT: 8.59 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.3 | 81.2 | 121.8 |       |
| 77      | 61.6  | 44.4 | 66.6  |       |
| 79      | 61.1  | 47.0 | 70.4  |       |

Manual Integrations  
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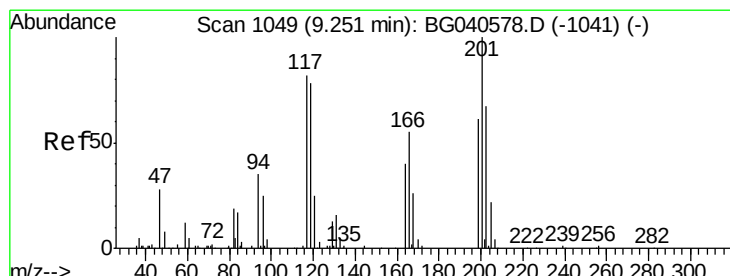
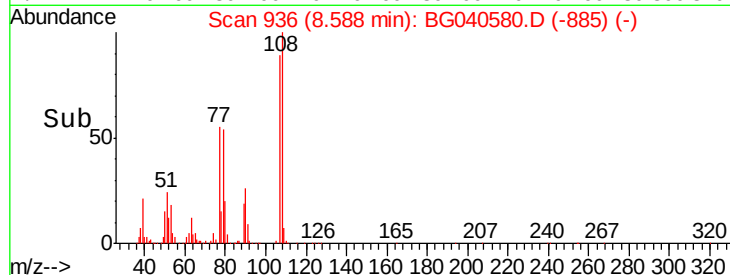
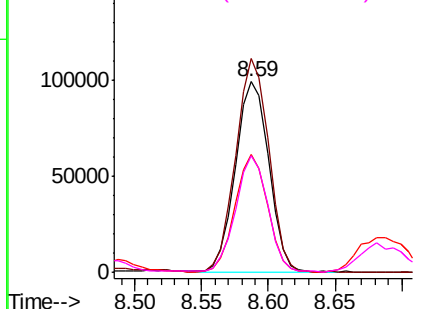
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

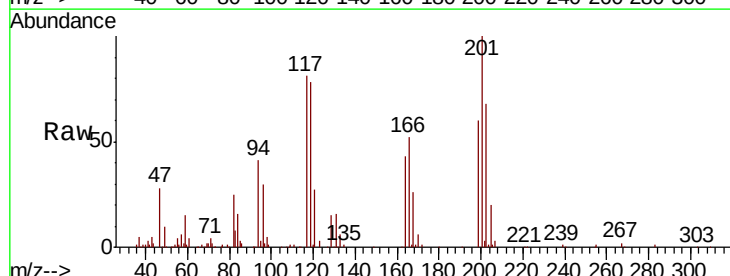
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 63.636 ng  
RT: 9.25 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 98.5  | 76.6  | 114.8 |       |
| 201     | 124.0 | 101.0 | 151.6 |       |

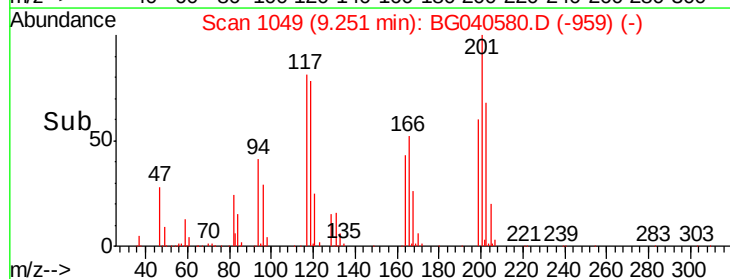
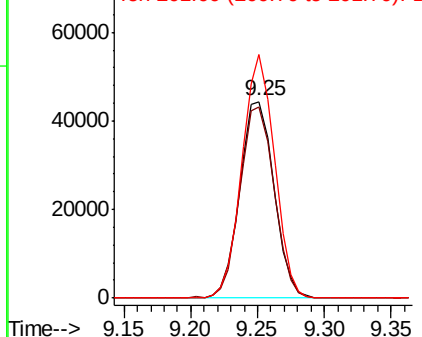


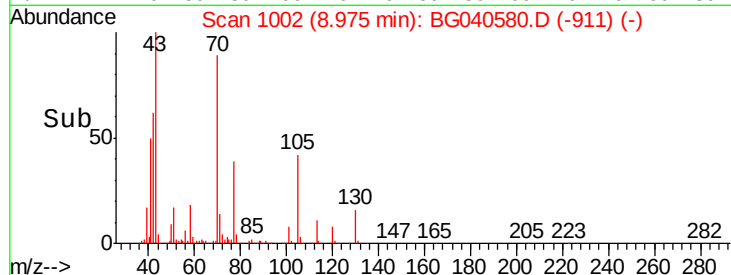
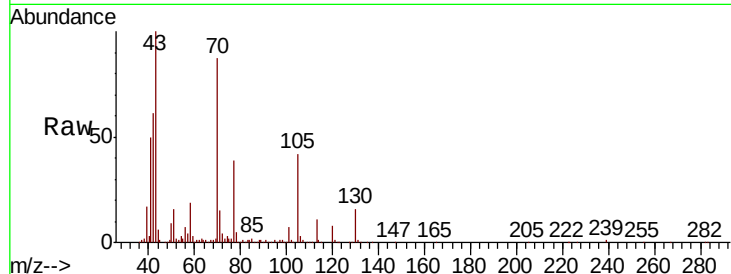
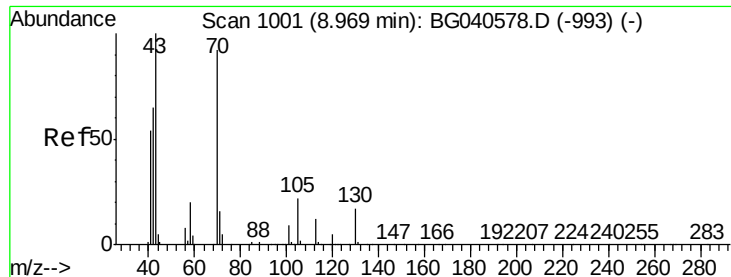
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





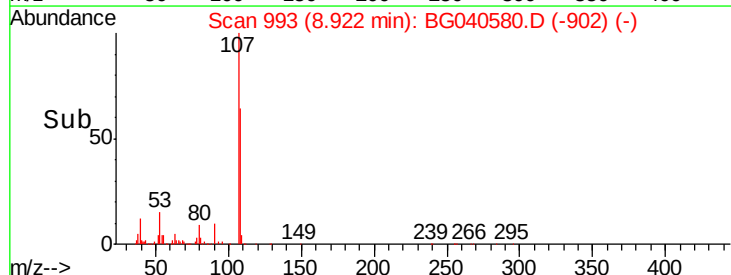
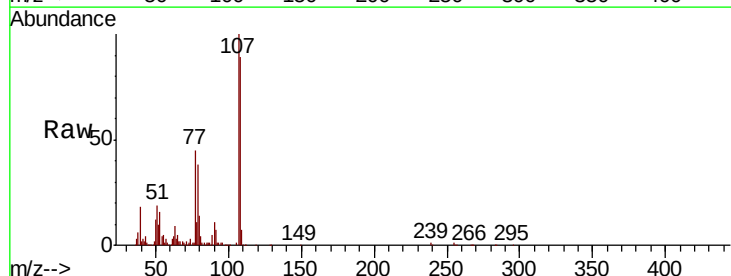
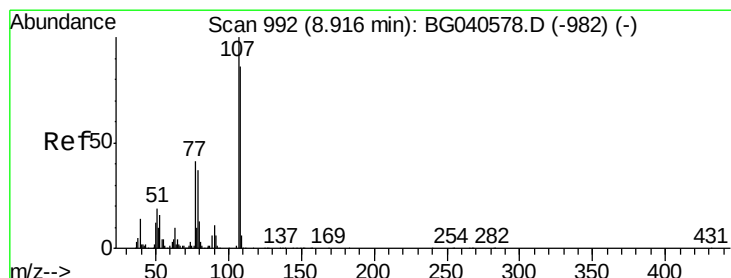
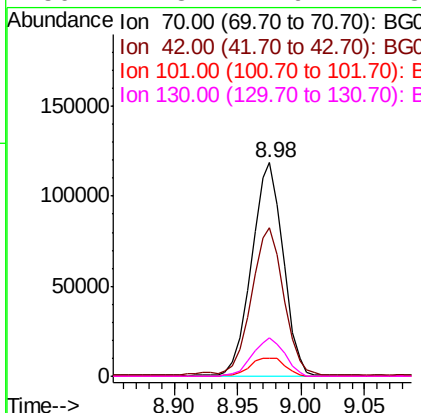
#19  
n-Nitroso-di-n-propylamine  
Concen: 80.115 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 204178 |       |       |
| 42      | 69.5 | 57.1  | 85.7   |       |       |
| 101     | 8.6  | 7.8   | 11.8   |       |       |
| 130     | 17.8 | 14.6  | 21.8   |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

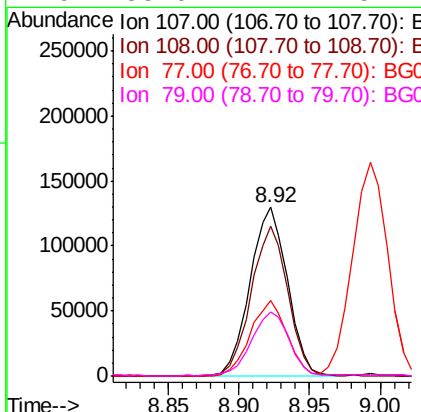
Manual Integrations  
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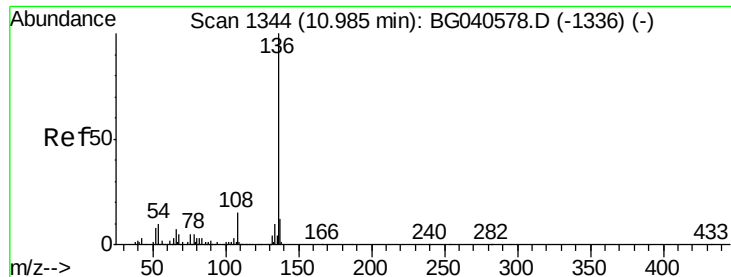
Sohil  
4/25/2019 6:32:17 PM



#20  
3+4-Methylphenols  
Concen: 66.327 ng  
RT: 8.92 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 239891 |       |       |
| 108     | 88.8 | 66.1  | 106.1  |       |       |
| 77      | 44.9 | 21.6  | 61.6   |       |       |
| 79      | 38.0 | 17.4  | 57.4   |       |       |





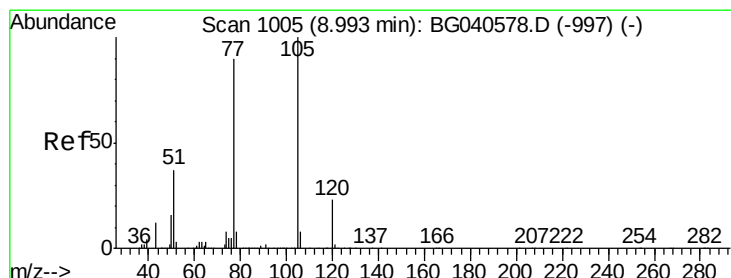
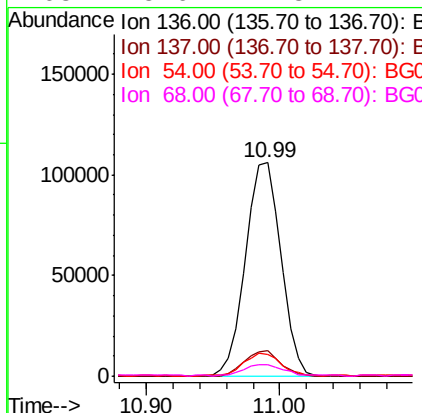
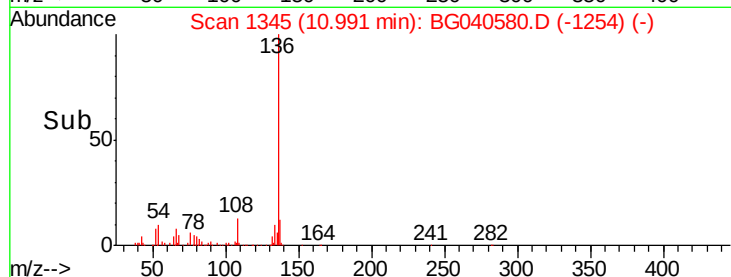
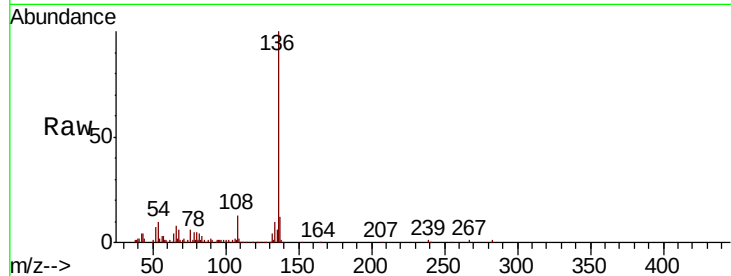
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 194595 |       |       |
| 137     | 12.0  | 9.7    | 14.5  |       |
| 54      | 9.9   | 8.6    | 12.8  |       |
| 68      | 5.6   | 4.8    | 7.2   |       |

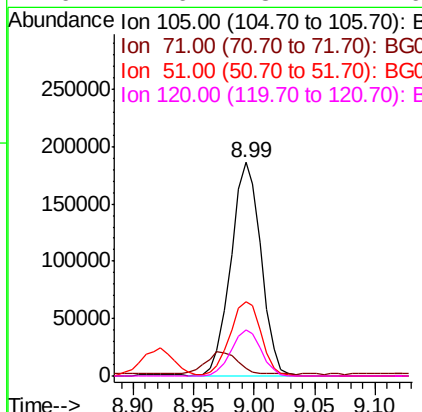
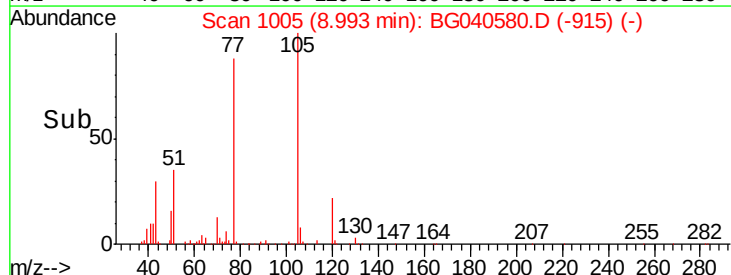
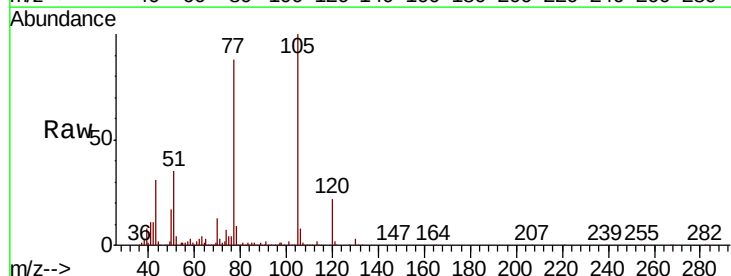
Manual Integrations  
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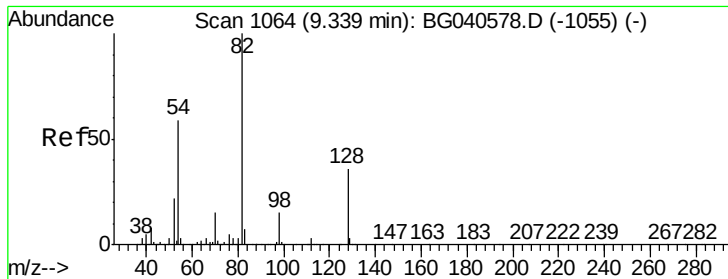
Sohil  
4/25/2019 6:32:17 PM



#22  
Acetophenone  
Concen: 66.370 ng  
RT: 8.99 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 322170 |       |       |
| 71      | 3.5   | 1.8    | 2.8#  |       |
| 51      | 35.1  | 29.8   | 44.8  |       |
| 120     | 21.6  | 18.4   | 27.6  |       |





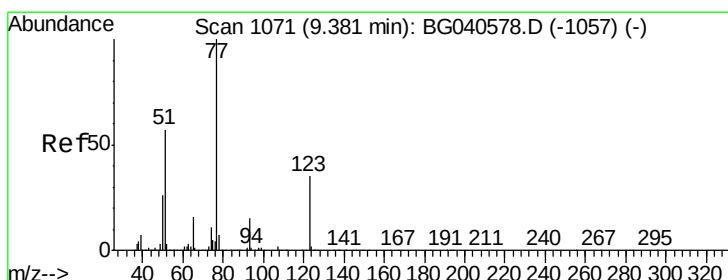
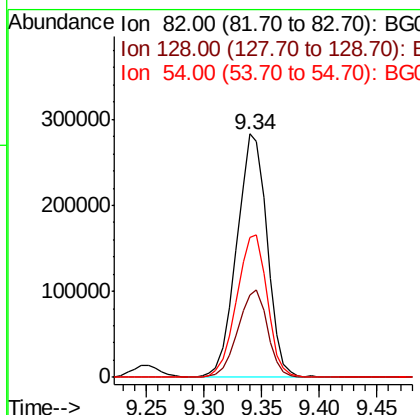
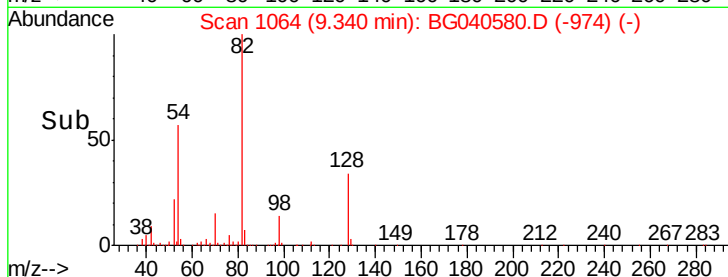
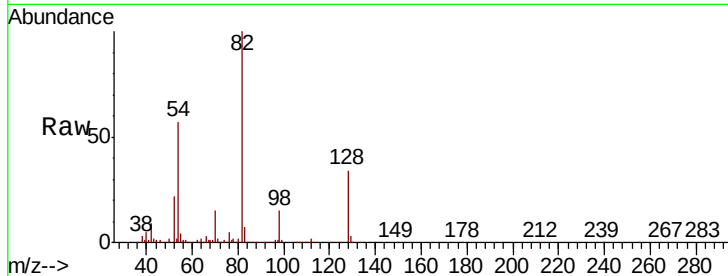
#23  
 Nitrobenzene-d5  
 Concen: 140.342 ng  
 RT: 9.34 min Scan# 1064  
 Delta R.T. 0.00 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 513795 |       |       |
| 128     | 34.0  | 28.9   | 43.3  |       |
| 54      | 57.5  | 47.2   | 70.8  |       |

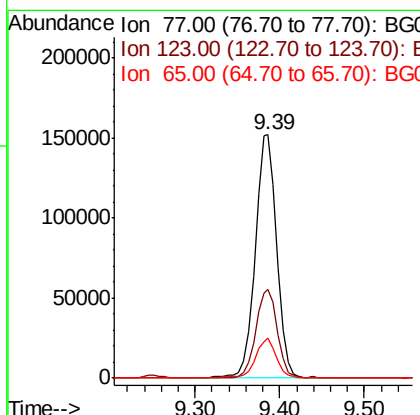
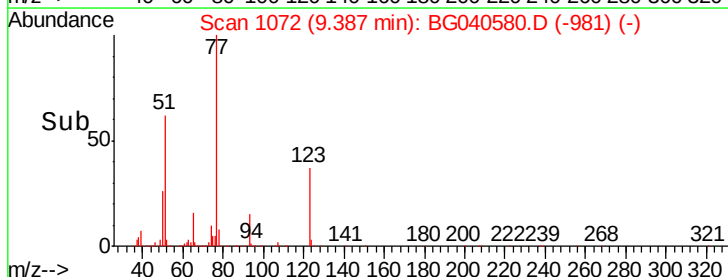
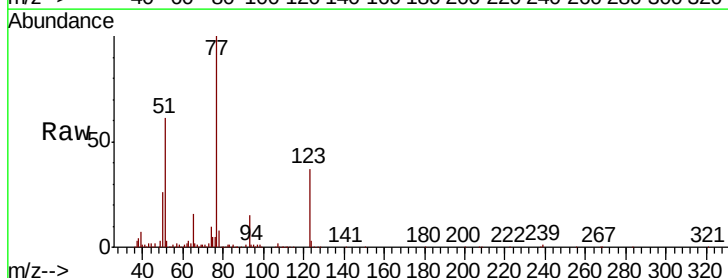
Manual Integrations  
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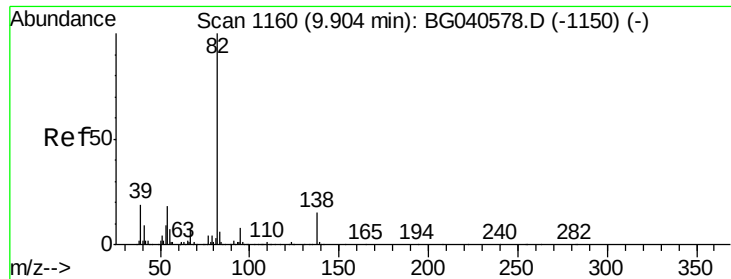


#24  
 Nitrobenzene  
 Concen: 71.594 ng  
 RT: 9.39 min Scan# 1072  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 271419 |       |       |
| 123     | 36.6  | 27.8   | 41.6  |       |
| 65      | 16.4  | 12.4   | 18.6  |       |







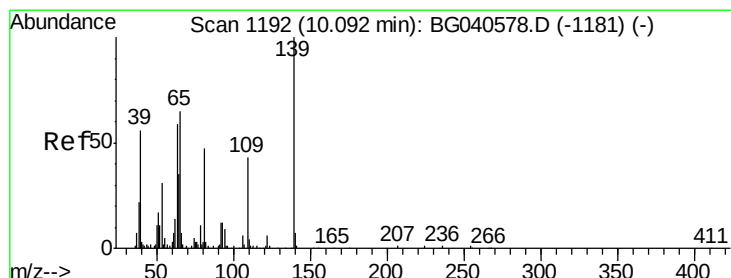
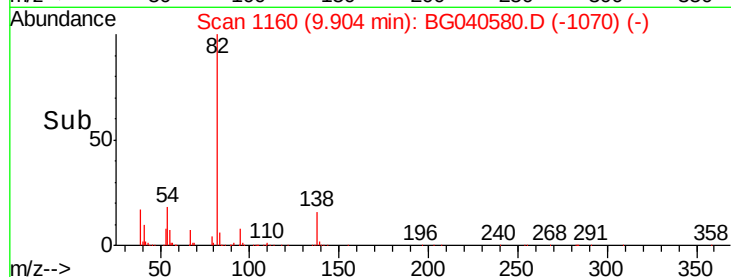
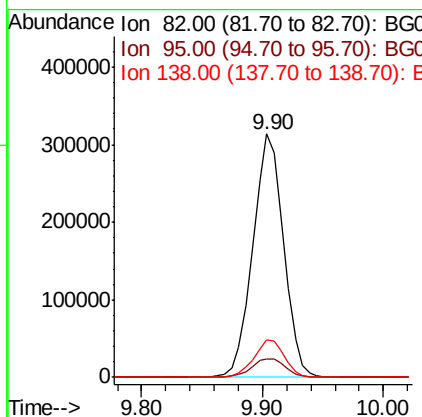
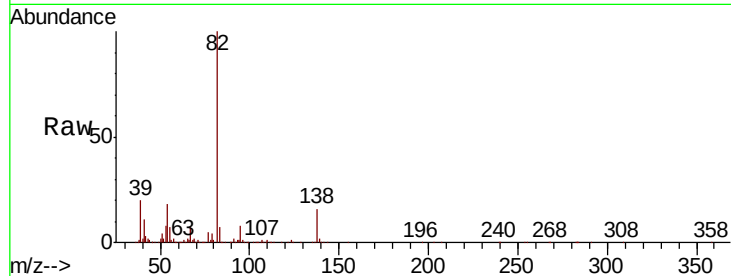
#25  
Isophorone  
Concen: 73.265 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.8   | 6.9  | 10.3  |       |
| 138     | 15.5  | 12.3 | 18.5  |       |

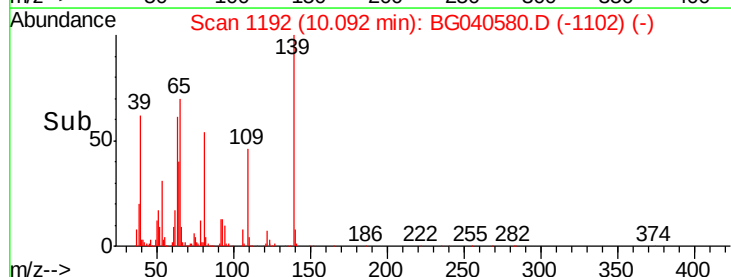
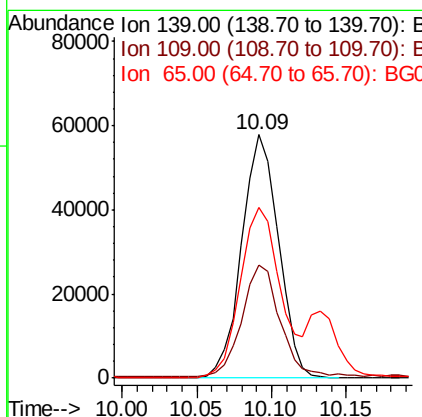
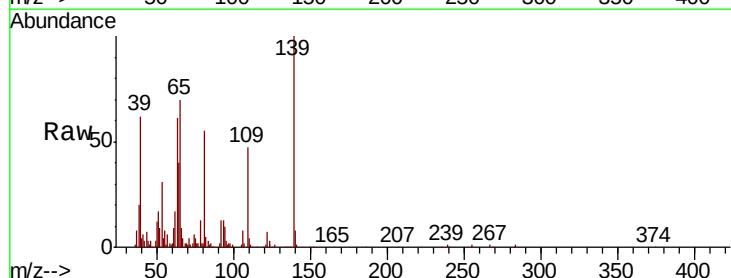
Manual Integrations  
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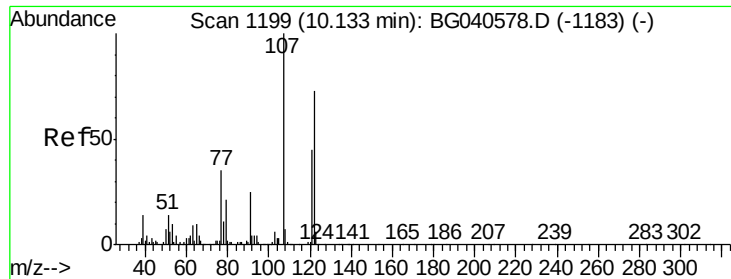
Sohil  
4/25/2019 6:32:17 PM



#26  
2-Nitrophenol  
Concen: 55.084 ng  
RT: 10.09 min Scan# 1192  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 46.7  | 35.6 | 53.4  |       |
| 65      | 70.1  | 52.3 | 78.5  |       |





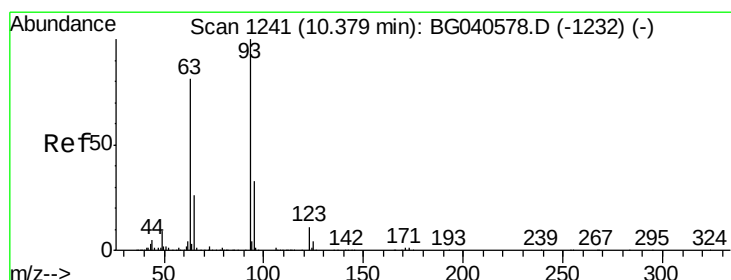
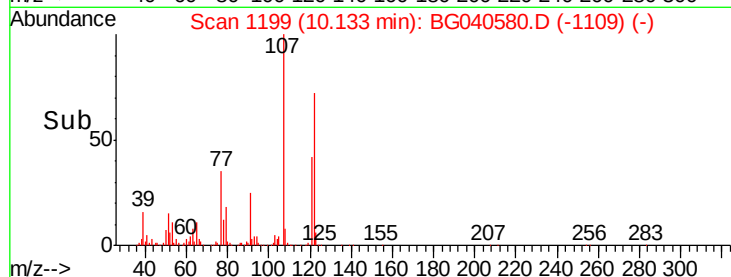
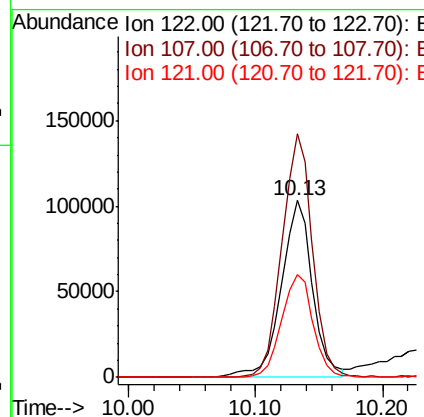
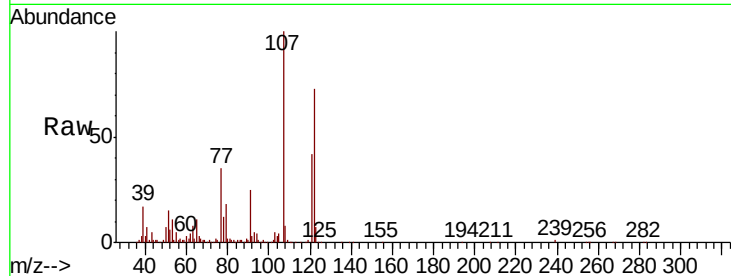
#27  
2,4-Dimethylphenol  
Concen: 61.949 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 137.9 | 110.1 | 165.1 |
| 121     | 58.4  | 49.4  | 74.0  |

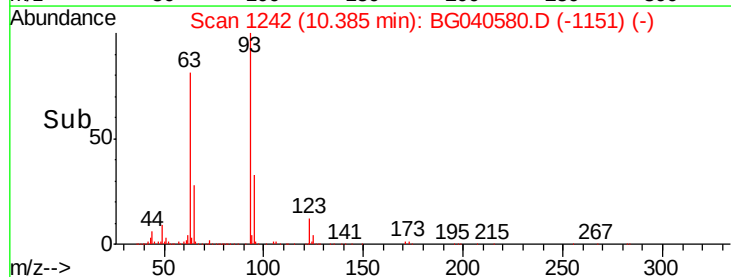
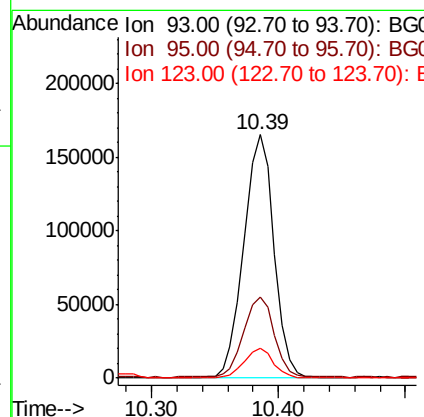
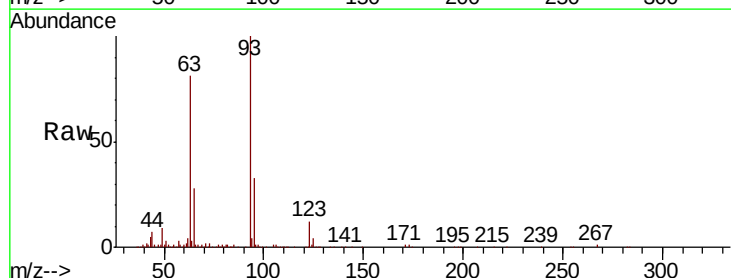
Manual Integrations  
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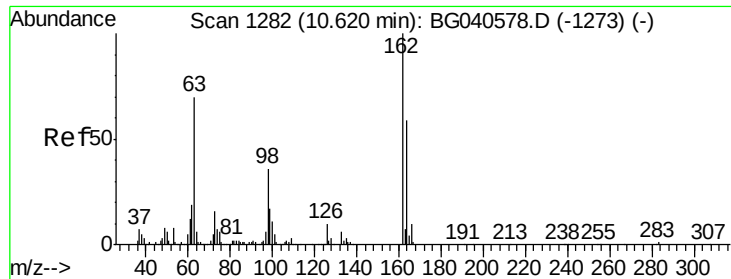
Sohil  
4/25/2019 6:32:17 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 60.995 ng  
RT: 10.39 min Scan# 1242  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.6  | 40.0  |
| 123     | 12.4  | 9.0   | 13.4  |





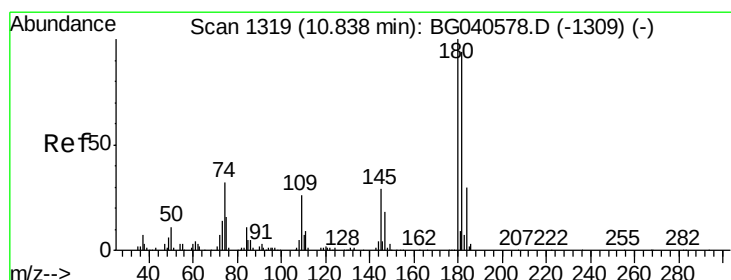
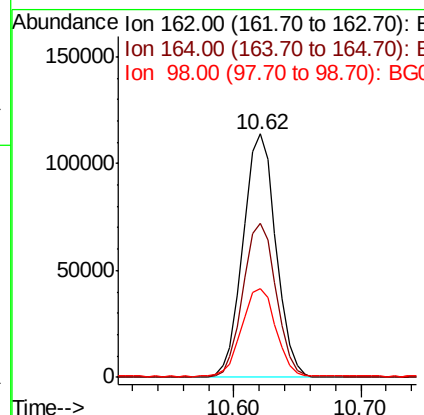
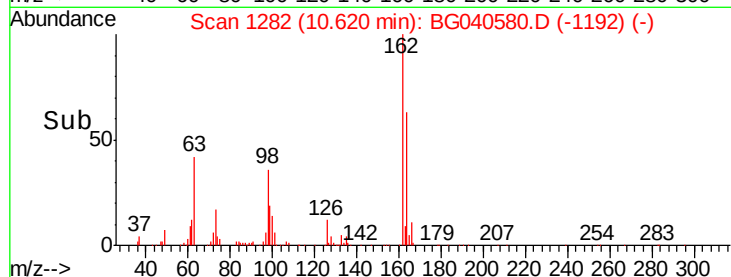
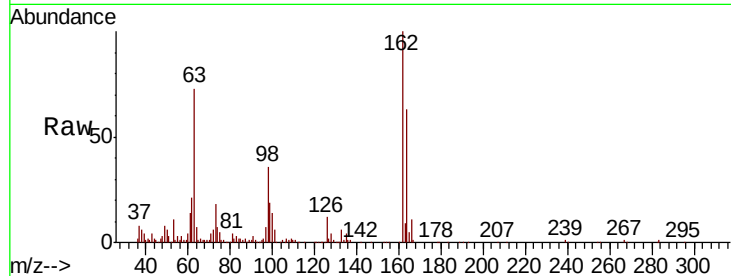
#29  
2,4-Dichlorophenol  
Concen: 66.160 ng  
RT: 10.62 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 38.9  | 78.9  |
| 98      | 36.5  | 16.8  | 56.8  |

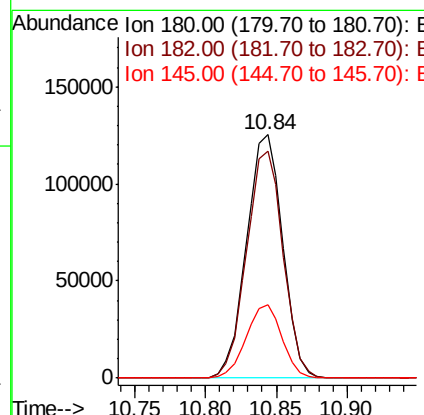
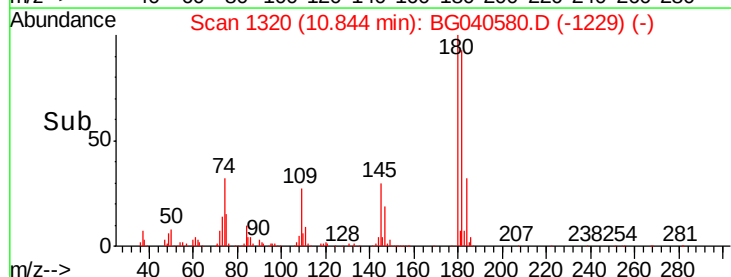
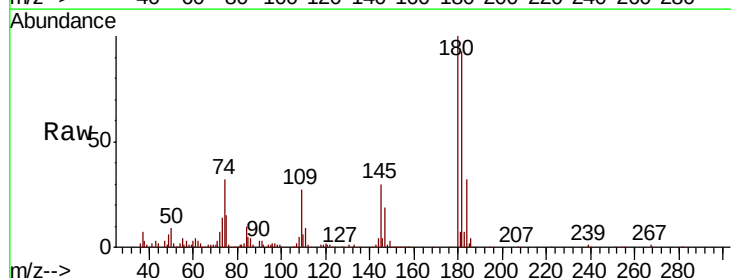
Manual Integrations  
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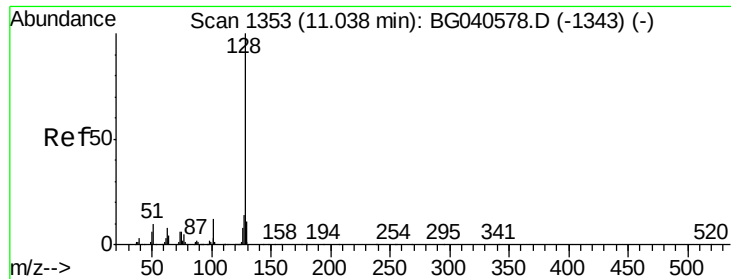
Sohil  
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#30  
1,2,4-Trichlorobenzene  
Concen: 66.165 ng  
RT: 10.84 min Scan# 1320  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.4  | 75.2  | 112.8 |
| 145     | 30.1  | 23.6  | 35.4  |





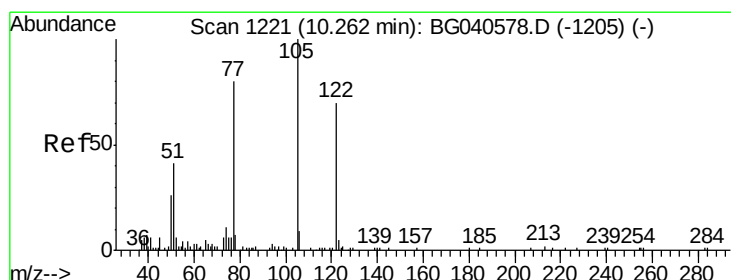
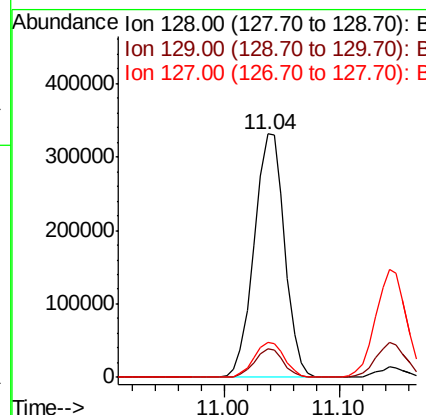
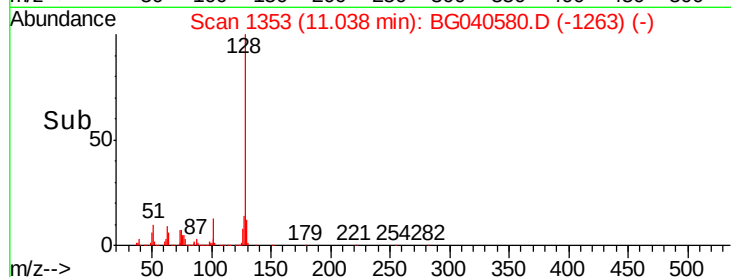
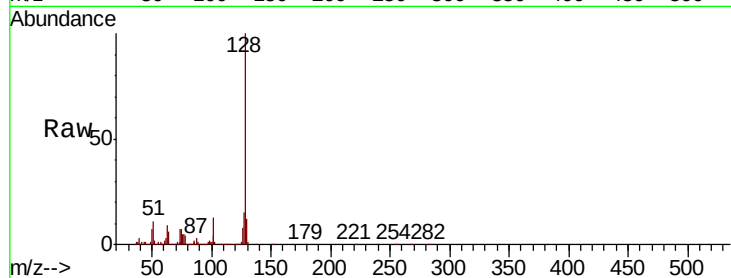
#31  
Naphthalene  
Concen: 61.083 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.0   | 13.6  |
| 127     | 14.5  | 11.3  | 16.9  |

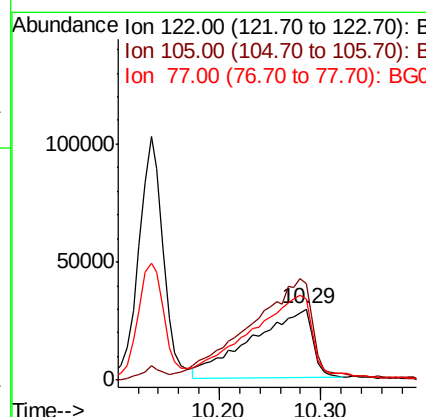
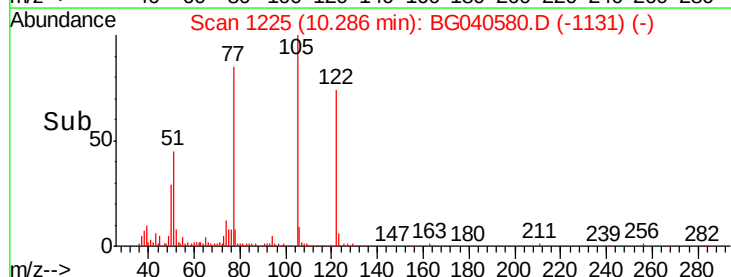
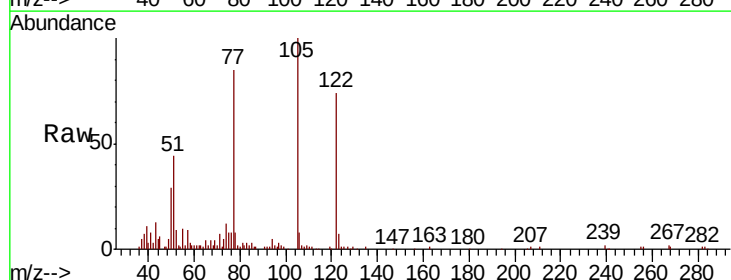
Manual Integrations  
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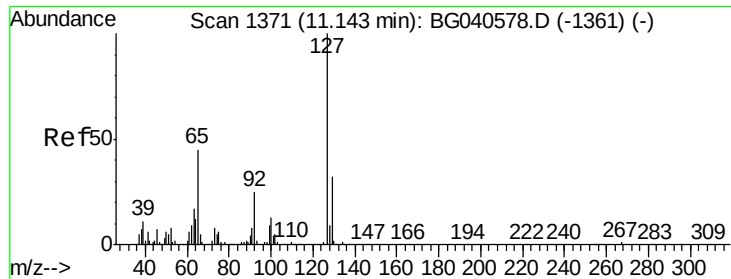
Sohil  
4/25/2019 6:32:17 PM



#32  
Benzoic acid  
Concen: 71.887 ng  
RT: 10.29 min Scan# 1225  
Delta R.T. 0.02 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.4 | 110.9 | 150.9 |
| 77      | 114.5 | 87.6  | 127.6 |





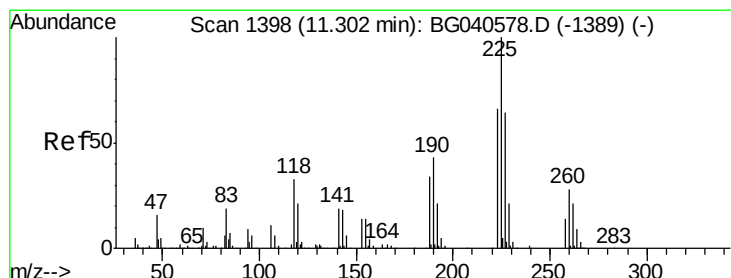
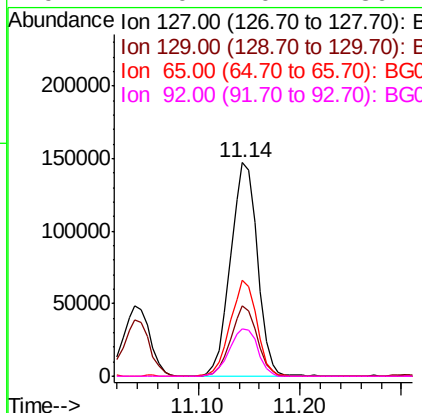
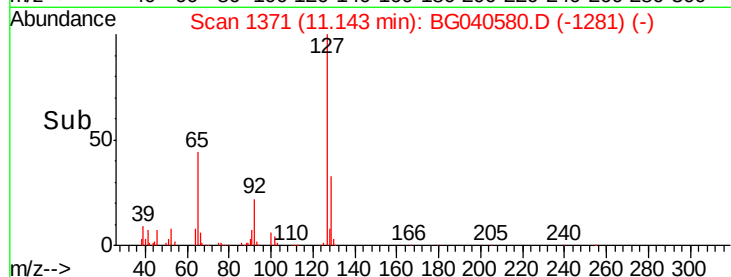
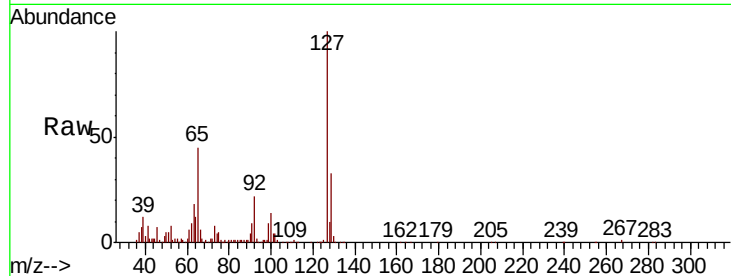
#33  
4-Chloroaniline  
Concen: 63.260 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 269146 |       |       |
| 129     | 32.8 | 25.7  | 38.5   |       |       |
| 65      | 44.8 | 36.1  | 54.1   |       |       |
| 92      | 22.0 | 20.1  | 30.1   |       |       |

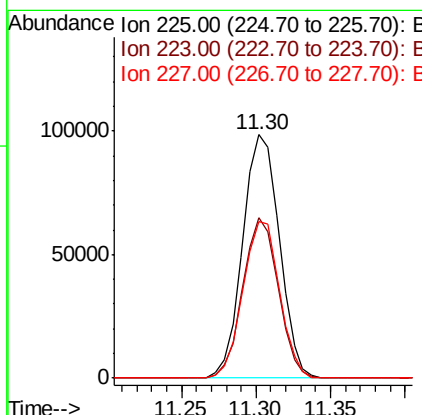
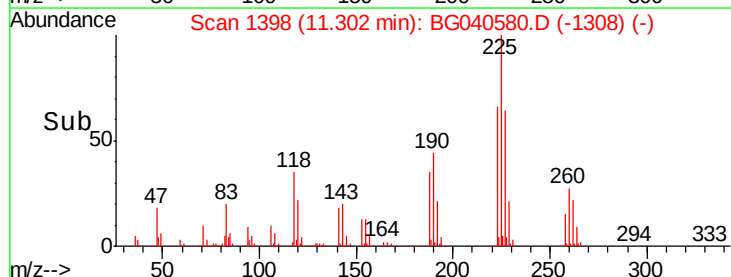
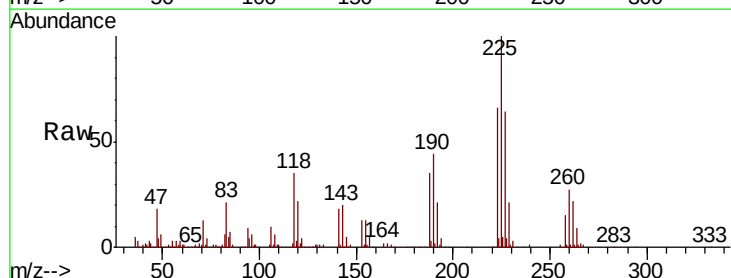
Manual Integrations  
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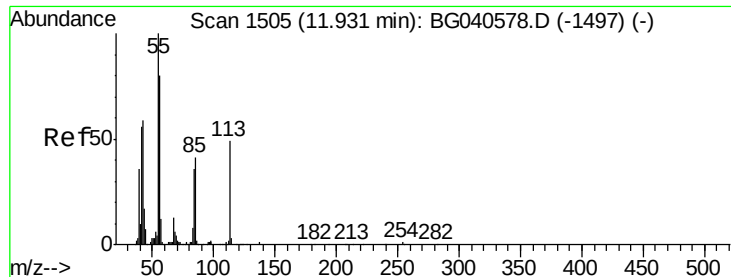
Sohil  
4/25/2019 6:32:17 PM



#34  
Hexachlorobutadiene  
Concen: 76.946 ng  
RT: 11.30 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 167356 |       |       |
| 223     | 66.0 | 50.4  | 75.6   |       |       |
| 227     | 68.5 | 51.0  | 76.6   |       |       |





#35

Caprolactam

Concen: 65.024 ng

RT: 11.95 min Scan# 1509

Delta R.T. 0.02 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tot Ion:113 Resp: 79920

Ion Ratio Lower Upper

113 100

55 210.8 198.6 238.6

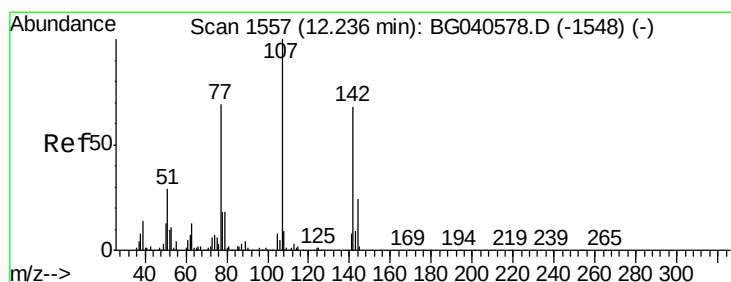
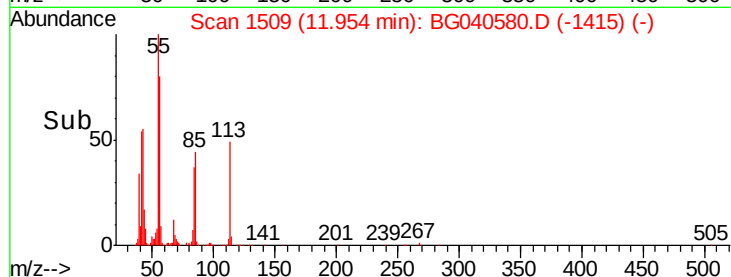
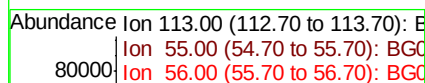
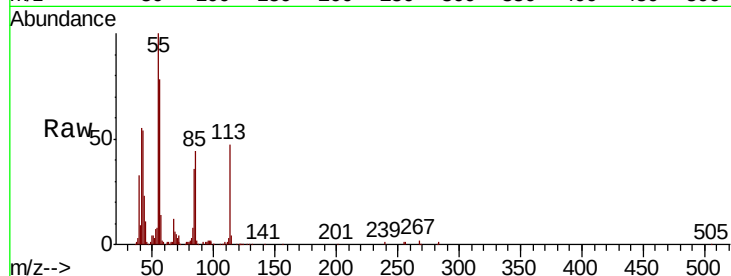
56 164.9 148.4 188.4

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 71.804 ng

RT: 12.24 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

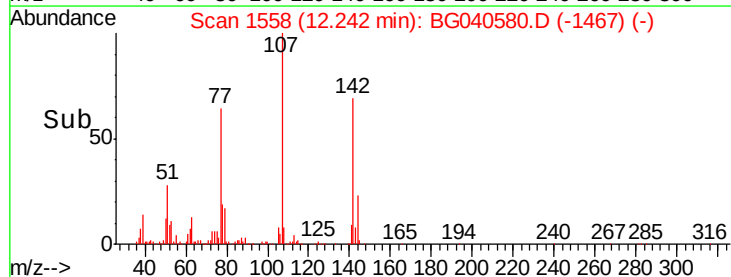
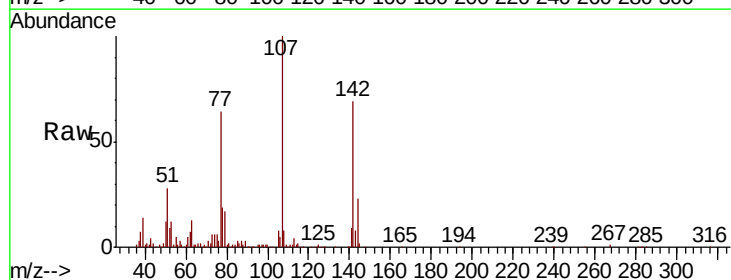
Tgt Ion:107 Resp: 255666

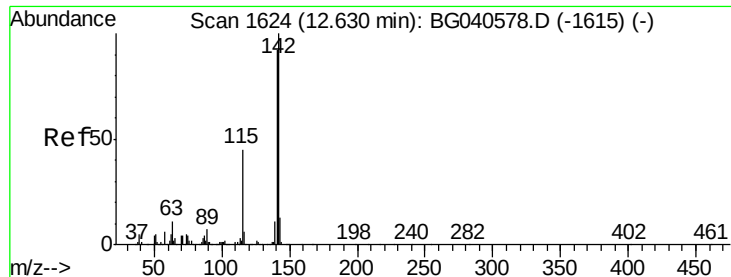
Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

142 69.1 54.6 81.8





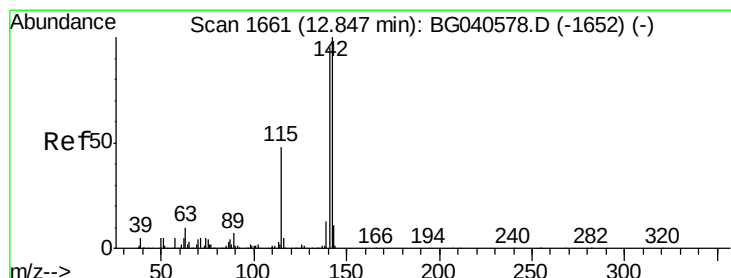
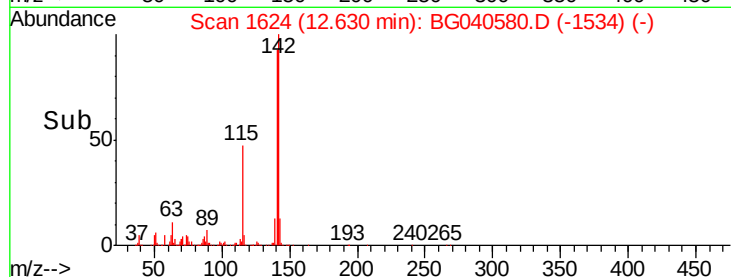
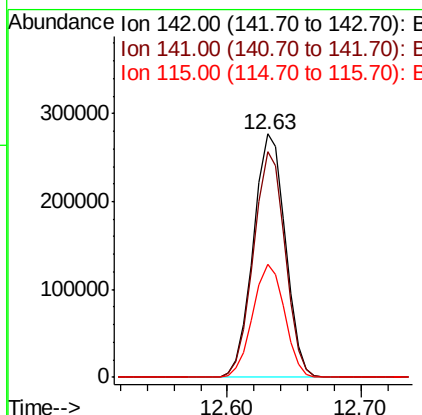
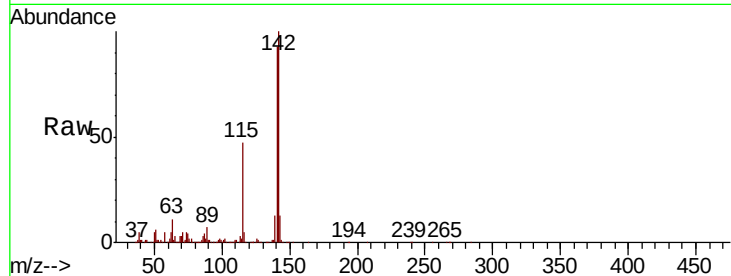
#37  
2-Methylnaphthalene  
Concen: 62.135 ng  
RT: 12.63 min Scan# 1624  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 73.4  | 110.2 |
| 115     | 46.6  | 36.2  | 54.4  |

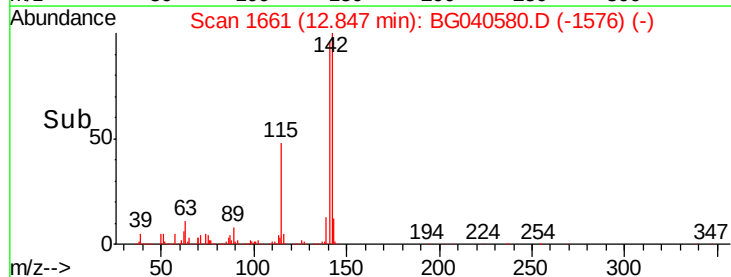
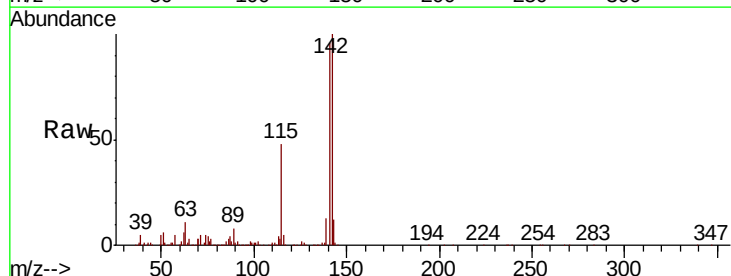
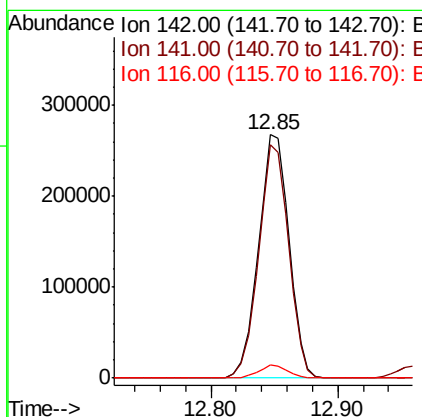
Manual Integrations  
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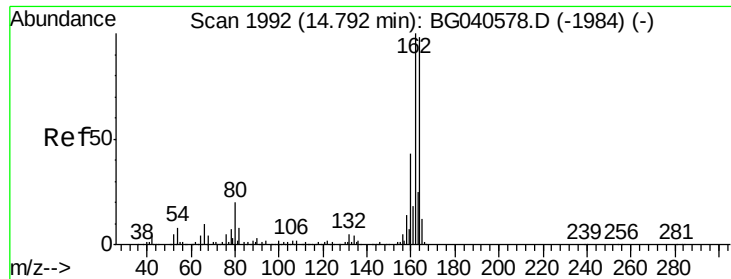
Sohil  
4/25/2019 6:32:17 PM



#38  
1-Methylnaphthalene  
Concen: 62.675 ng  
RT: 12.85 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.9  | 75.9  | 113.9 |
| 116     | 5.3   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

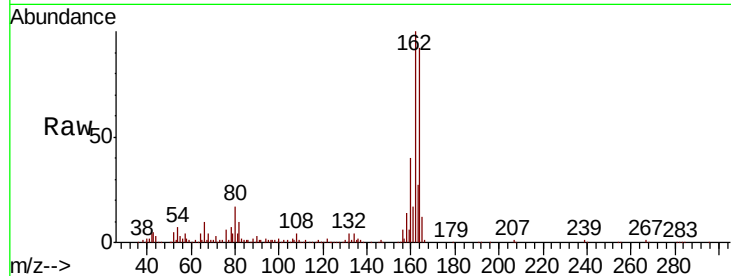
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 131955 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 109.2 | 81.9  | 122.9  |
| 160       | 44.1  | 35.4  | 53.2   |

Manual Integrations  
APPROVED

Sohil  
4/25/2019 6:32:17 PM

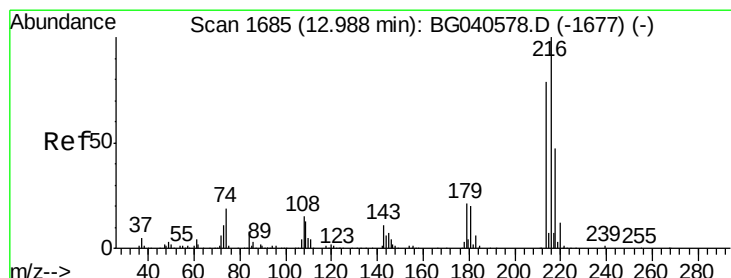
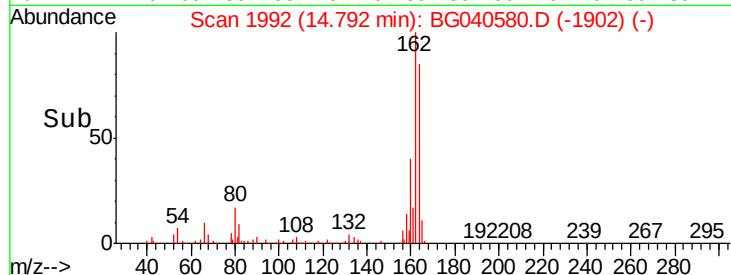
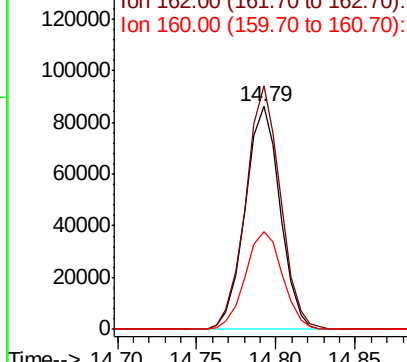


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.876 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 301448 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.8  | 63.7  | 95.5   |
| 179       | 20.4  | 16.6  | 24.8   |
| 108       | 18.4  | 14.7  | 22.1   |

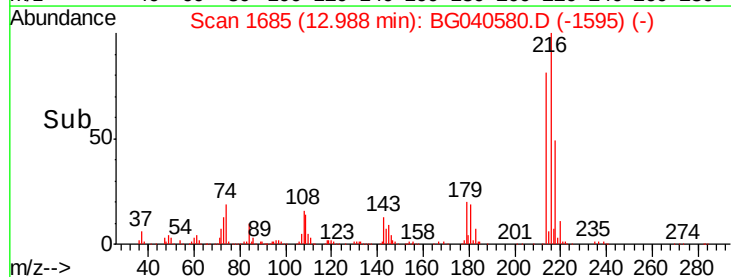
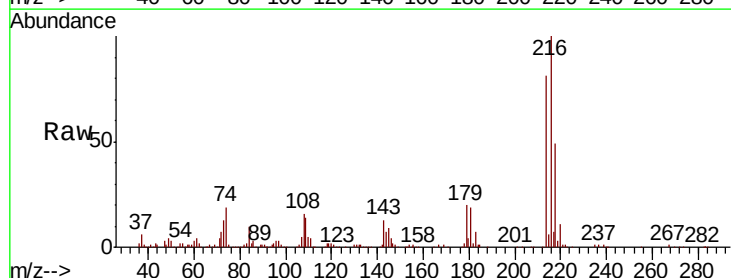
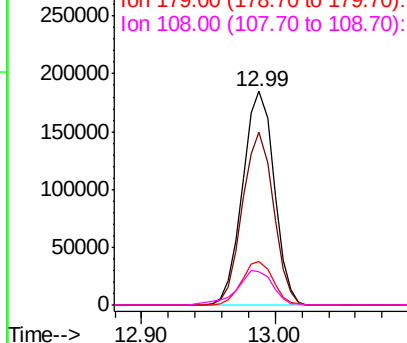
Abundance

Ion 216.00 (215.70 to 216.70): E

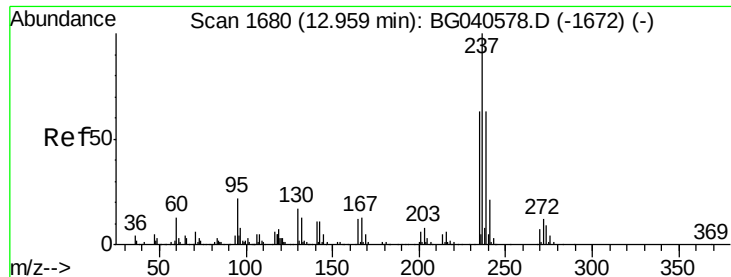
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







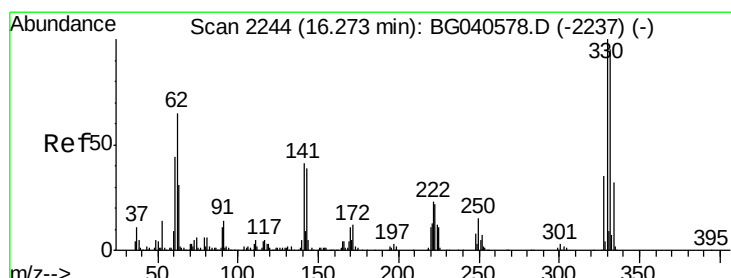
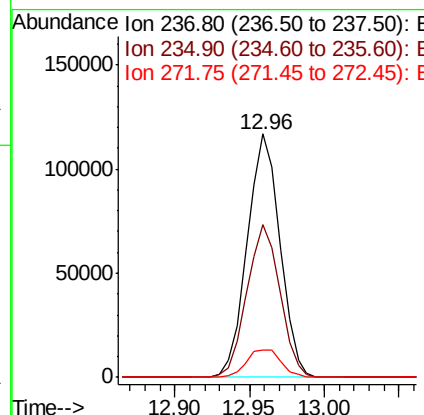
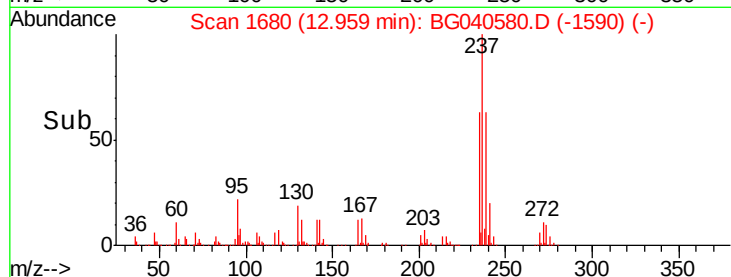
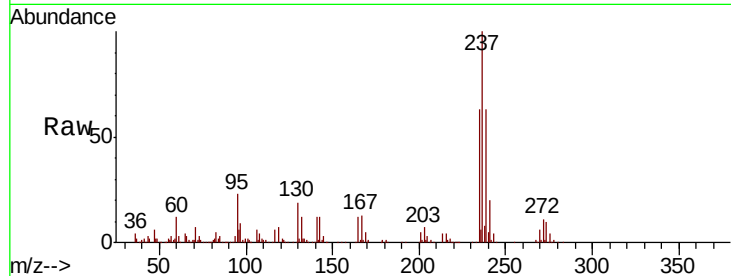
#41  
Hexachlorocyclopentadiene  
Concen: 76.755 ng  
RT: 12.96 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 62.9  | 42.5       | 82.5       |
| 272     | 11.4  | 0.0        | 31.6       |

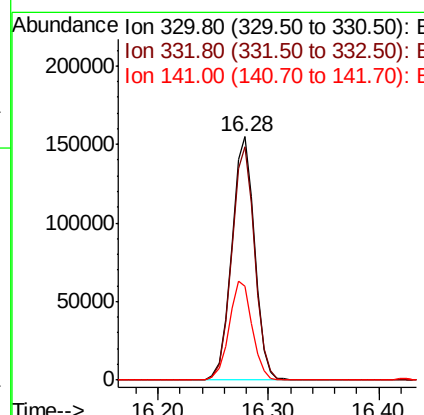
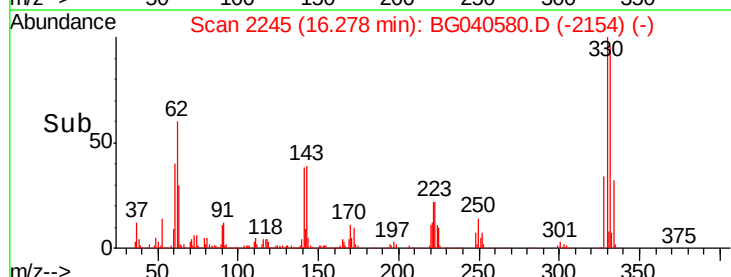
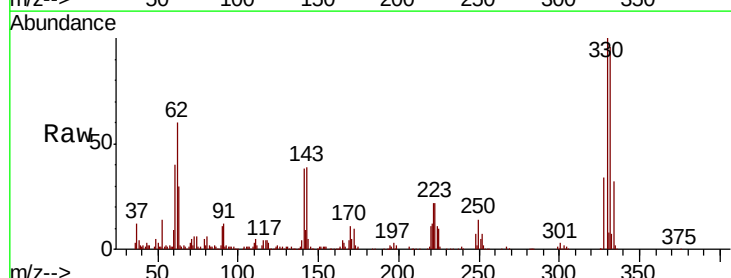
Manual Integrations  
APPROVED

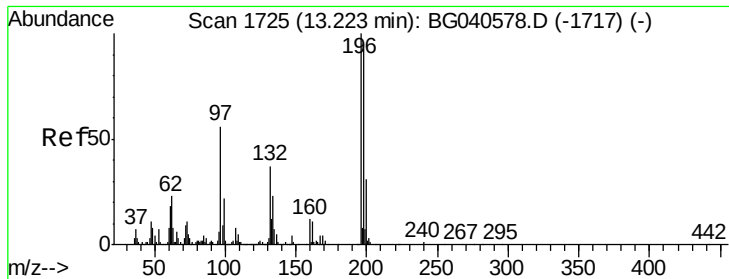
Sohil  
4/25/2019 6:32:17 PM



#42  
2,4,6-Tribromophenol  
Concen: 157.848 ng  
RT: 16.28 min Scan# 2245  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 96.0  | 75.9       | 113.9      |
| 141     | 41.1  | 32.4       | 48.6       |





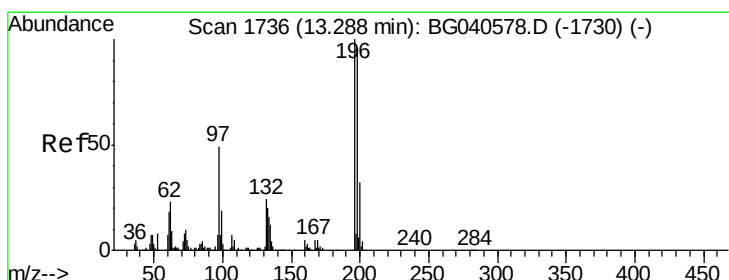
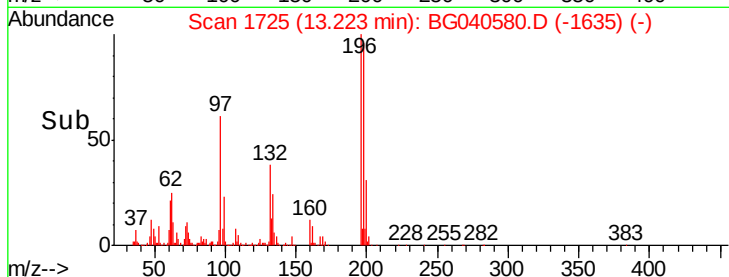
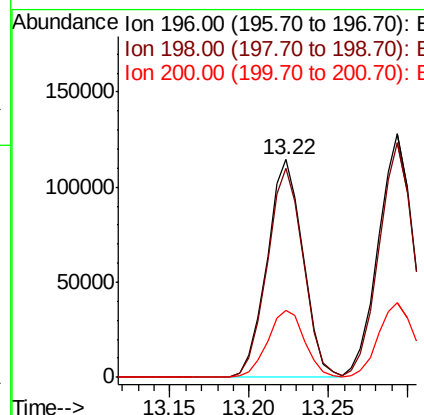
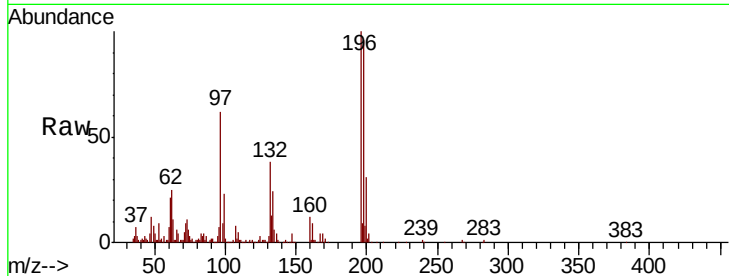
#43  
 2,4,6-Trichlorophenol  
 Concen: 66.981 ng  
 RT: 13.22 min Scan# 1725  
 Delta R.T. 0.00 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 181117 |       |       |
| 198     | 96.0  | 74.8   | 112.2 |       |
| 200     | 31.0  | 24.9   | 37.3  |       |

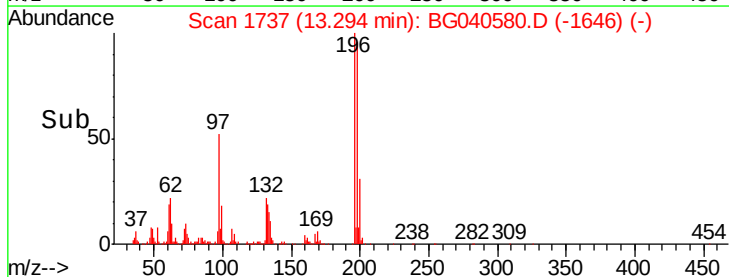
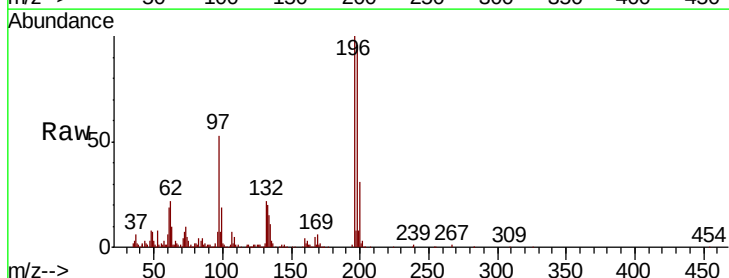
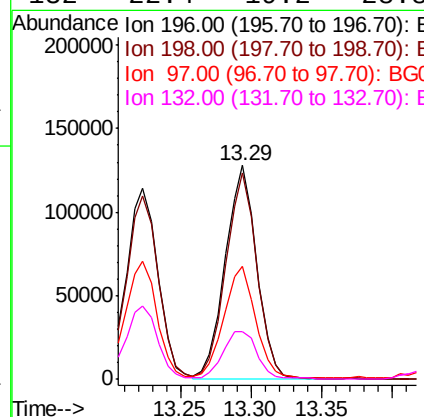
Manual Integrations  
 APPROVED

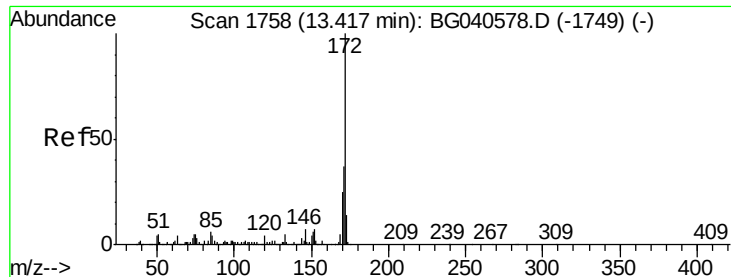
Sohil  
 4/25/2019 6:32:17 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 66.978 ng  
 RT: 13.29 min Scan# 1737  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 197403 |       |       |
| 198     | 96.2  | 77.0   | 115.6 |       |
| 97      | 52.9  | 40.0   | 60.0  |       |
| 132     | 22.4  | 19.2   | 28.8  |       |





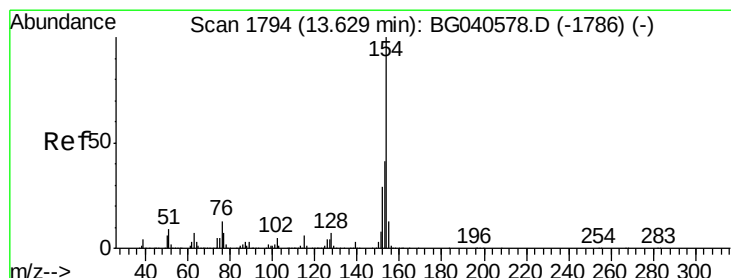
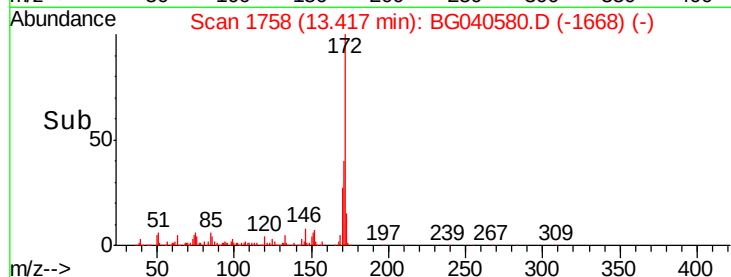
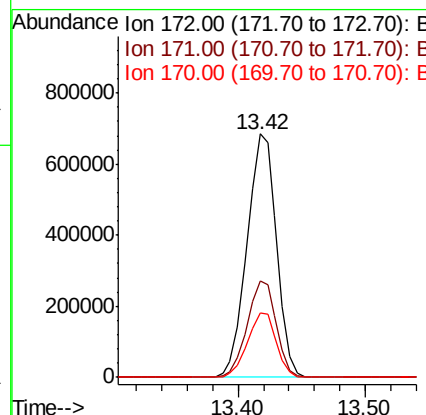
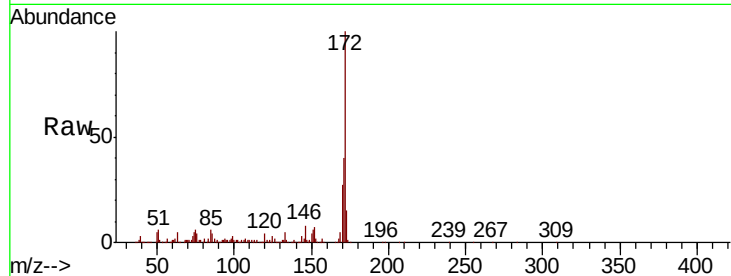
#45  
2-Fluorobiphenyl  
Concen: 123.347 ng  
RT: 13.42 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 39.8 | 29.4  | 44.2  |       |
| 170     | 26.5 | 19.9  | 29.9  |       |

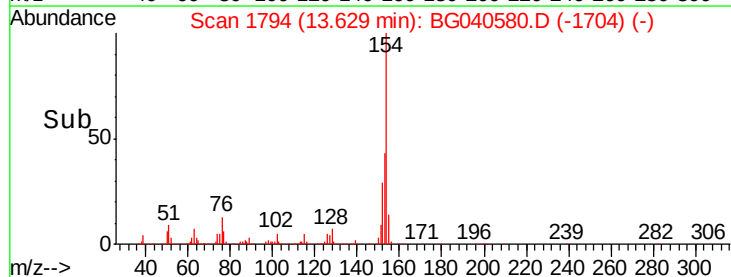
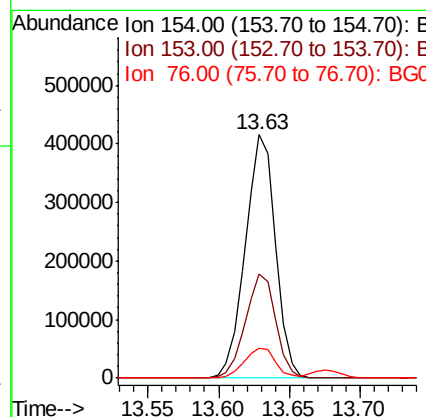
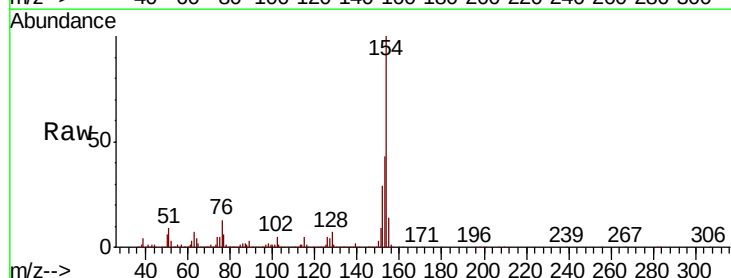
Manual Integrations  
APPROVED

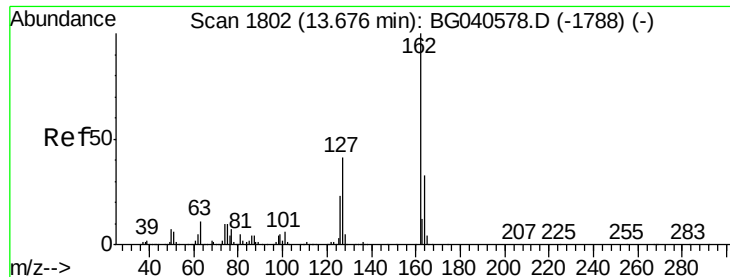
Sohil  
4/25/2019 6:32:17 PM



#46  
1,1'-Biphenyl  
Concen: 59.590 ng  
RT: 13.63 min Scan# 1794  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 154     | 100  |       |       |       |
| 153     | 42.8 | 20.5  | 60.5  |       |
| 76      | 12.5 | 0.0   | 32.5  |       |





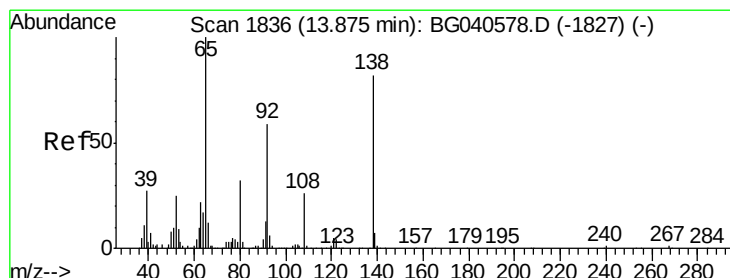
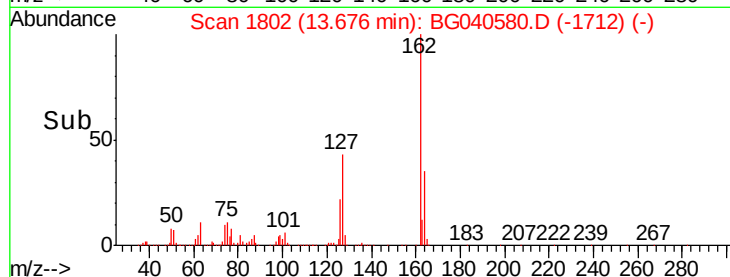
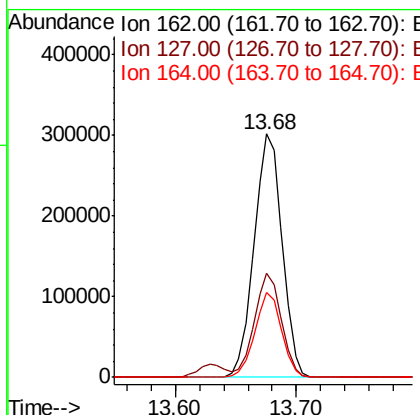
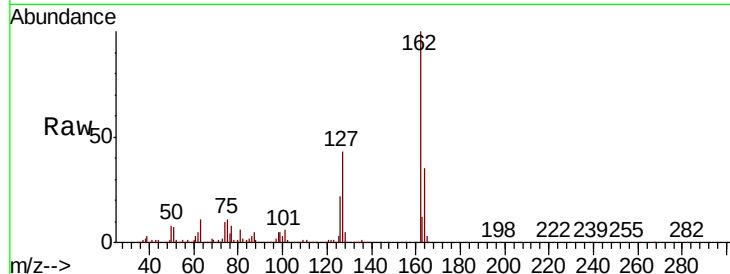
#47  
2-Chloronaphthalene  
Concen: 60.797 ng  
RT: 13.68 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.9  | 33.0  | 49.4  |
| 164     | 34.7  | 26.8  | 40.2  |

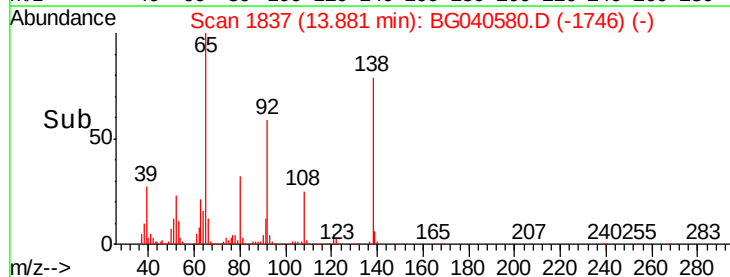
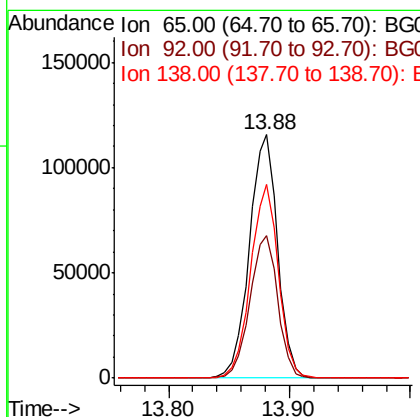
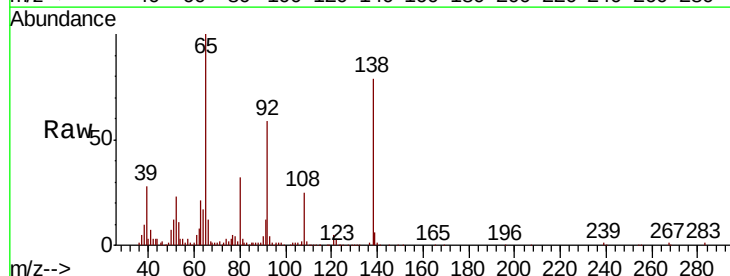
Manual Integrations  
APPROVED

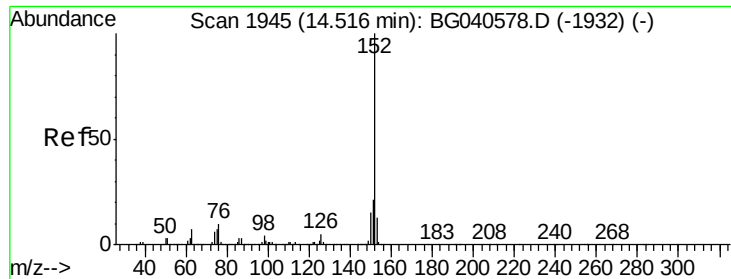
Sohil  
4/25/2019 6:32:17 PM



#48  
2-Nitroaniline  
Concen: 69.714 ng  
RT: 13.88 min Scan# 1837  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.6  | 47.4  | 71.0  |
| 138     | 79.4  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 60.146 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

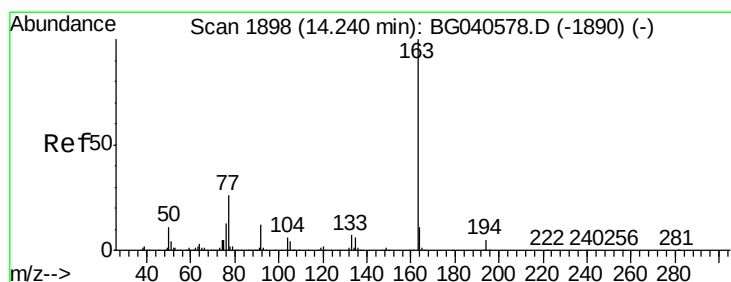
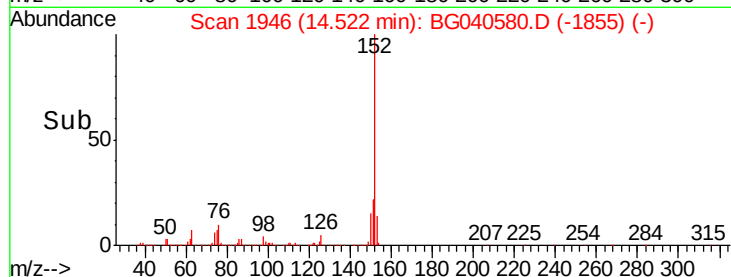
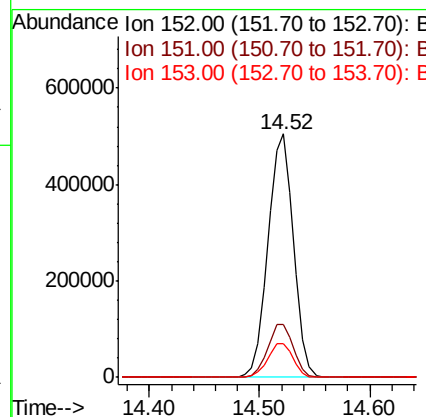
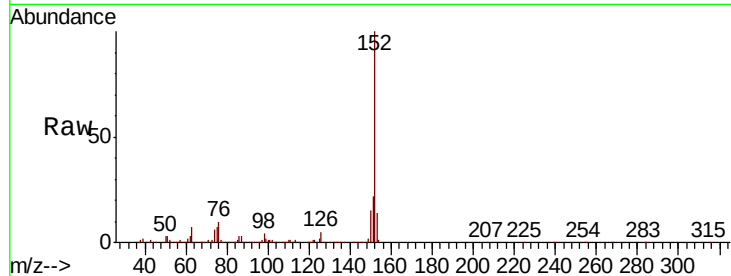
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 815564 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.6  | 17.2  | 25.8   |
| 153       | 13.8  | 10.7  | 16.1   |

Manual Integrations  
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#50

Dimethylphthalate

Concen: 64.259 ng

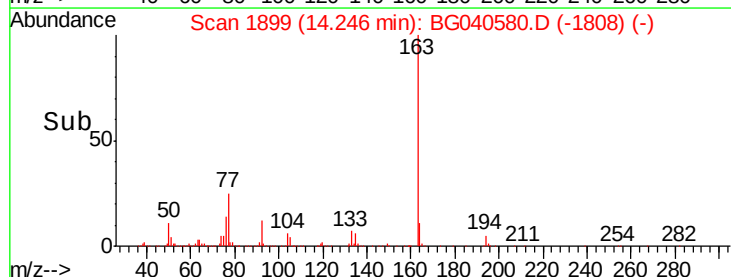
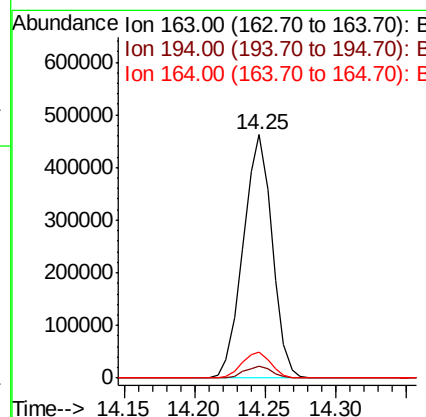
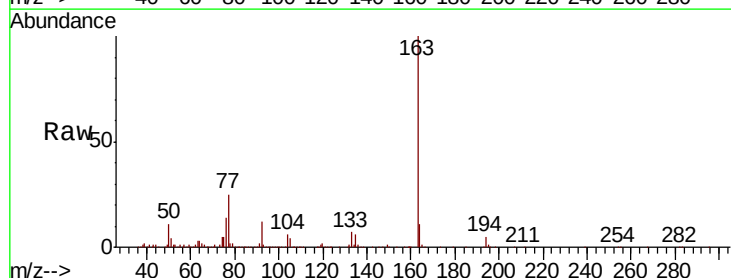
RT: 14.25 min Scan# 1899

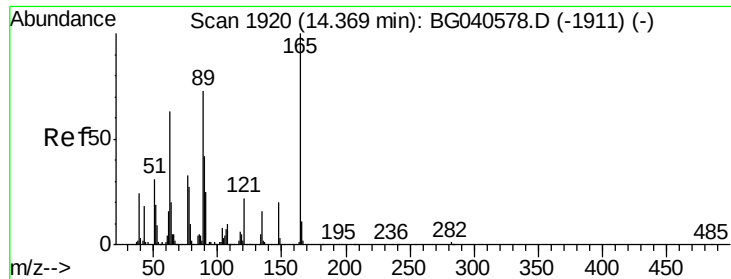
Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 663627 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.8   | 5.8    |
| 164       | 10.6  | 8.8   | 13.2   |





#51

2,6-Dinitrotoluene

Concen: 59.158 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

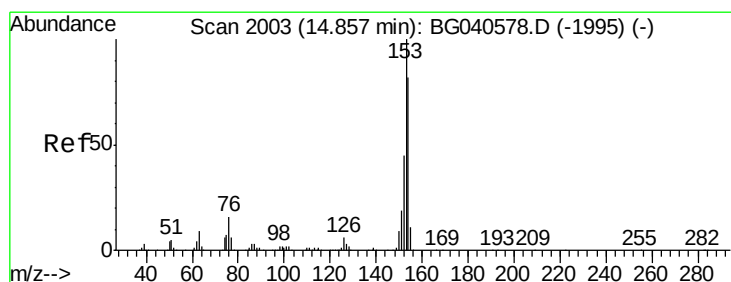
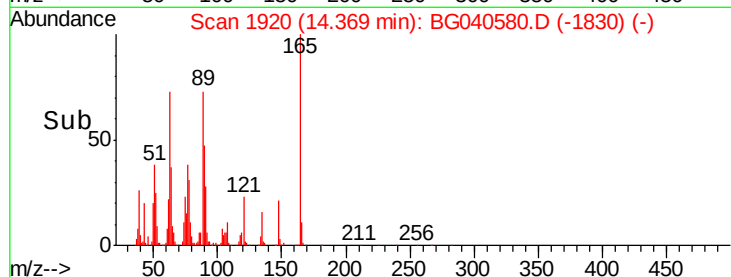
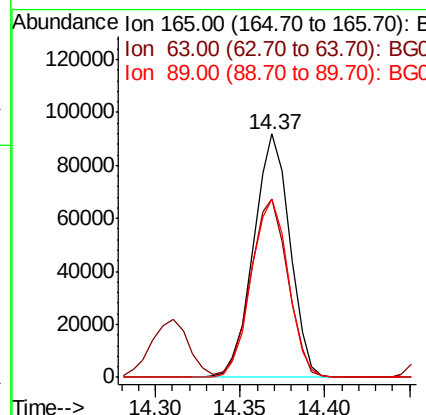
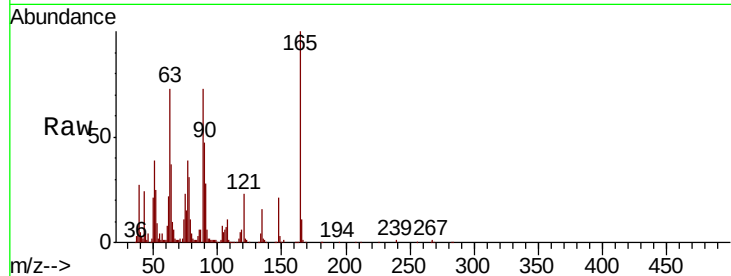
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 137180 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 73.1  | 61.0  | 91.4   |
| 89        | 73.1  | 58.6  | 87.8   |

Manual Integrations  
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#52

Acenaphthene

Concen: 61.355 ng

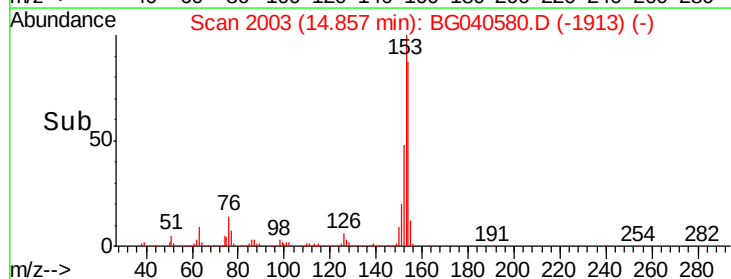
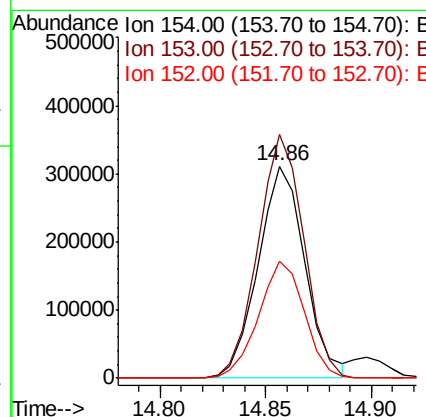
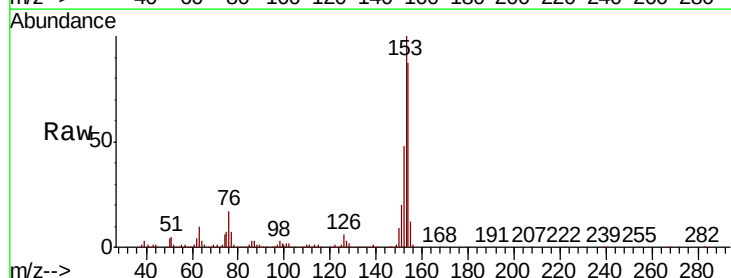
RT: 14.86 min Scan# 2003

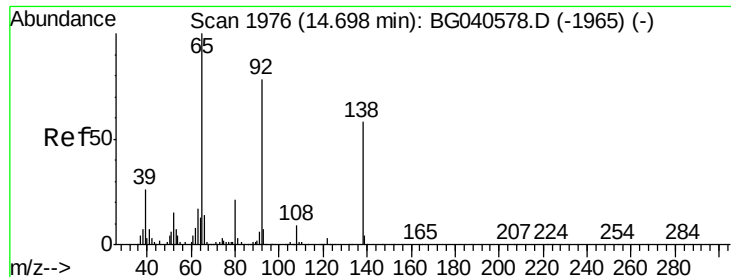
Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 476721 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.9 | 97.0  | 145.6  |
| 152       | 55.4  | 44.1  | 66.1   |





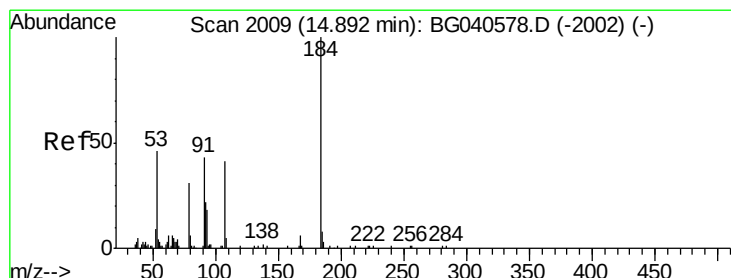
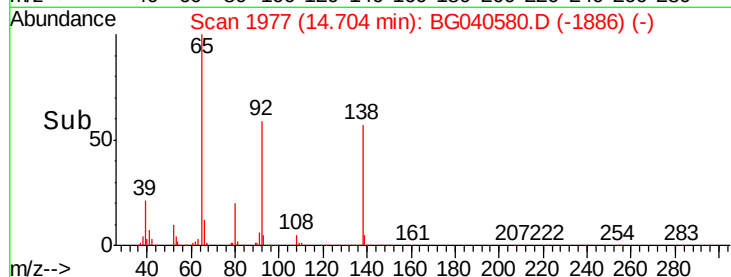
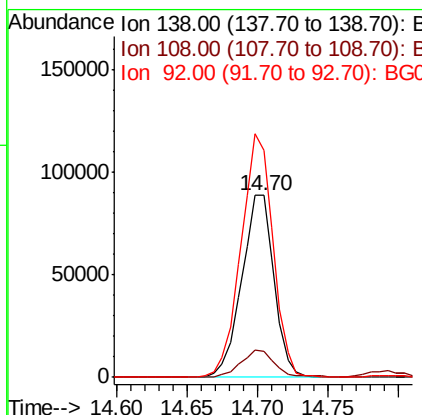
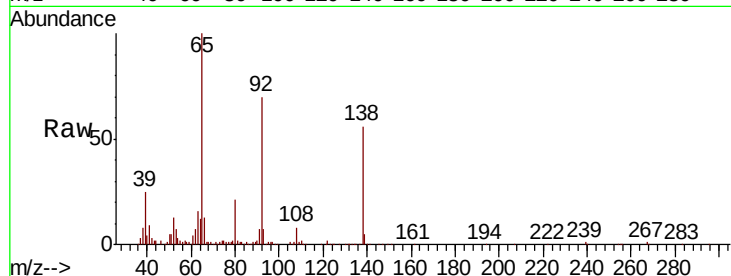
#53  
 3-Nitroaniline  
 Concen: 57.735 ng  
 RT: 14.70 min Scan# 1977  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 14.4  | 12.4  | 18.6  |
| 92      | 124.8 | 108.6 | 162.8 |

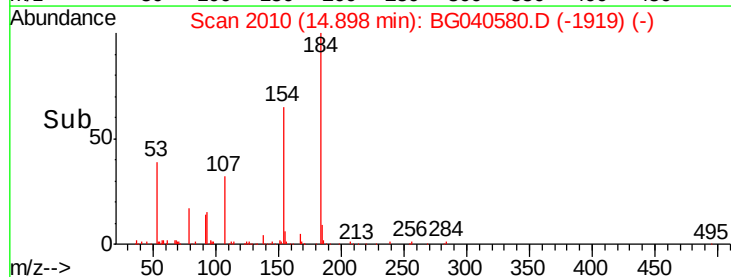
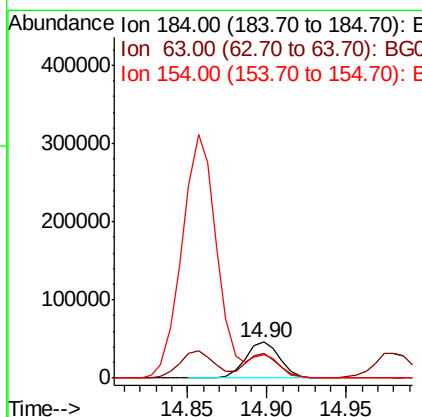
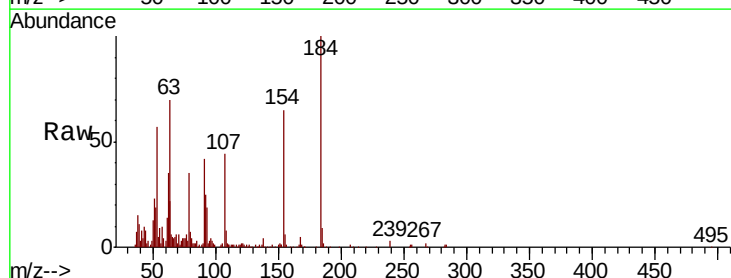
Manual Integrations  
 APPROVED

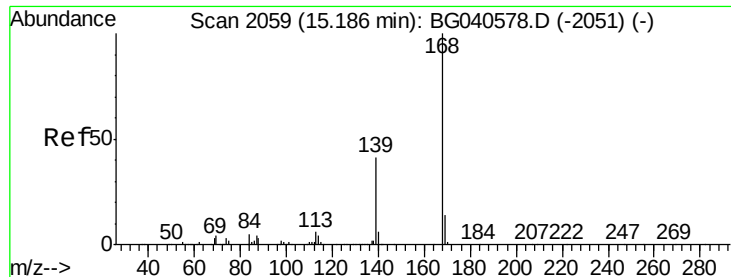
Sohil  
 4/25/2019 6:32:17 PM



#54  
 2,4-Dinitrophenol  
 Concen: 56.439 ng  
 RT: 14.90 min Scan# 2010  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.8  | 51.8  | 77.6  |
| 154     | 64.6  | 43.6  | 65.4  |





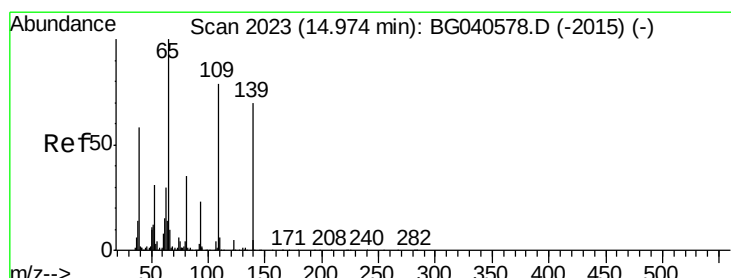
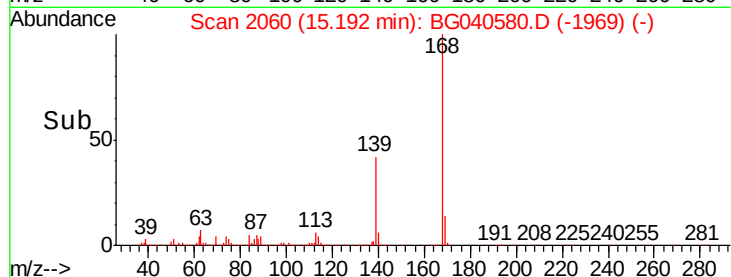
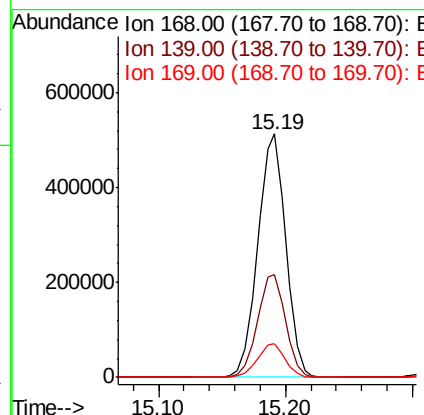
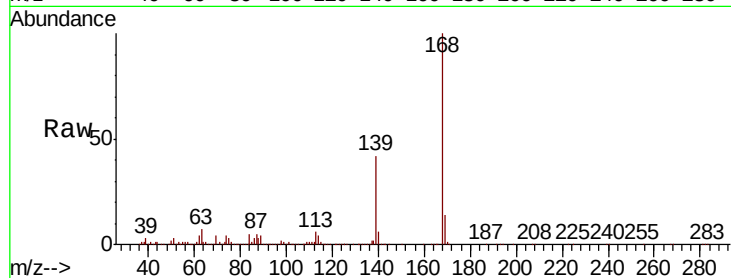
#55  
Dibenzenofuran  
Concen: 63.110 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.2  | 33.0  | 49.4  |
| 169     | 13.6  | 11.0  | 16.4  |

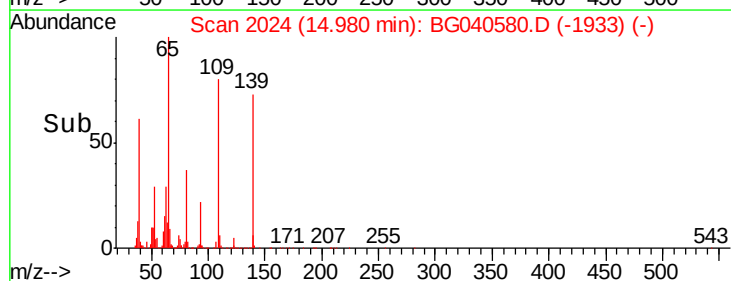
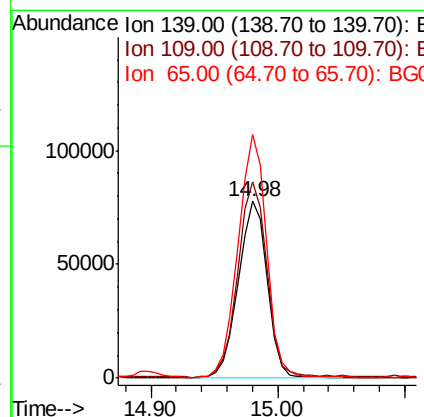
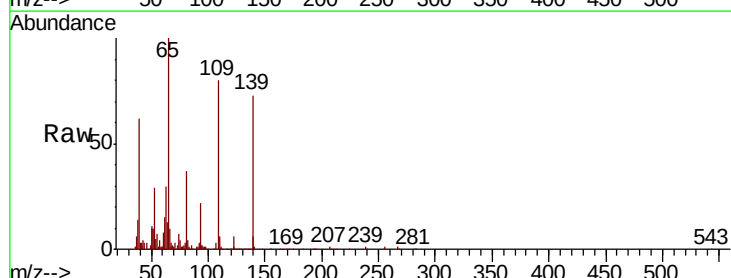
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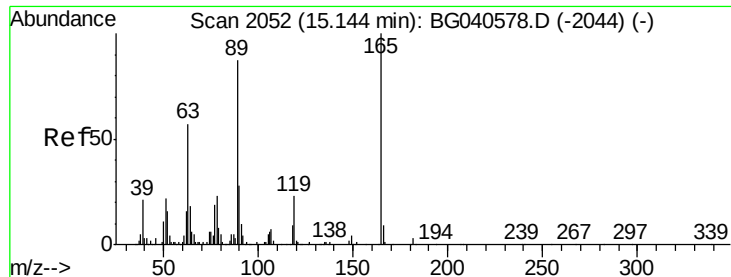


#56  
4-Nitrophenol  
Concen: 61.636 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 110.6 | 93.8  | 133.8 |
| 65      | 137.6 | 122.7 | 162.7 |







#57

2,4-Dinitrotoluene

Concen: 59.244 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

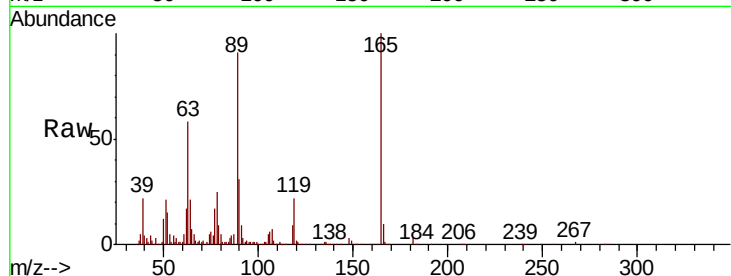
ClientSampleId :

SSTDIC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 190889 |       |       |
| 63      | 58.3 |       | 45.8   | 68.8  |       |
| 89      | 90.8 |       | 69.4   | 104.2 |       |
| 182     | 3.0  |       | 2.2    | 3.4   |       |

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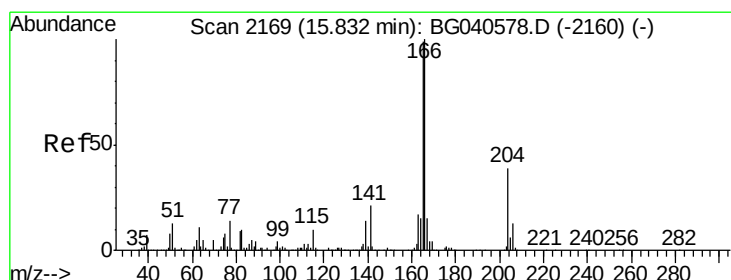
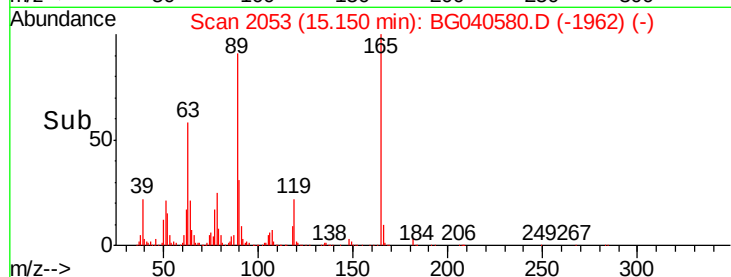
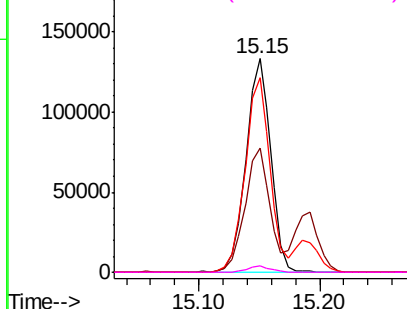
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 64.281 ng

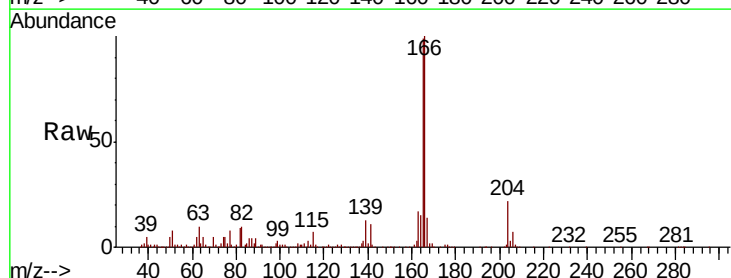
RT: 15.84 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 630978 |       |       |
| 165     | 98.7 |       | 79.6   | 119.4 |       |
| 167     | 14.1 |       | 12.2   | 18.2  |       |

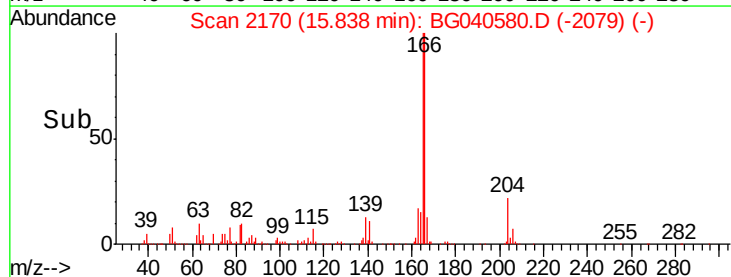
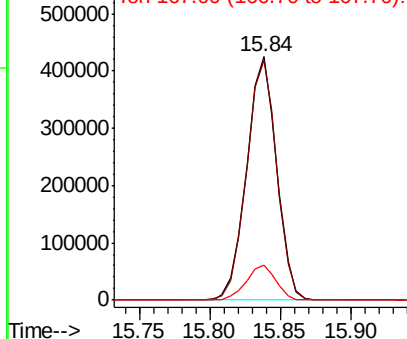


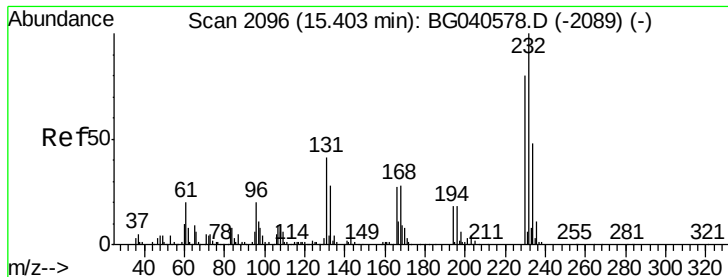
Abundance

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: 74.517 ng

RT: 15.40 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

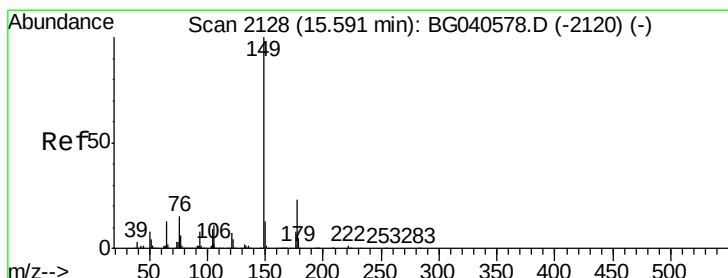
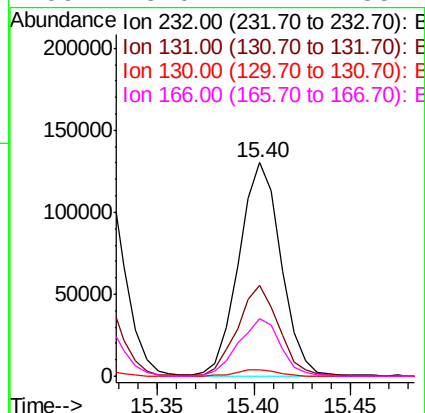
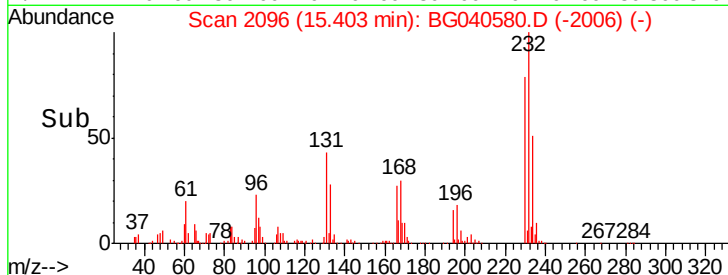
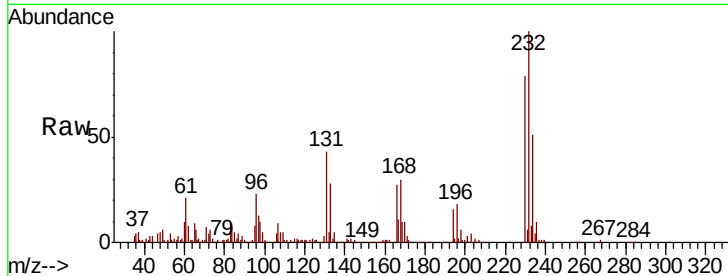
ClientSampled :

SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 199298 |       |       |
| 131     | 39.1  |        | 33.0  | 49.4  |
| 130     | 2.8   |        | 2.0   | 3.0   |
| 166     | 25.0  |        | 22.1  | 33.1  |

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#60

Diethylphthalate

Concen: 65.938 ng

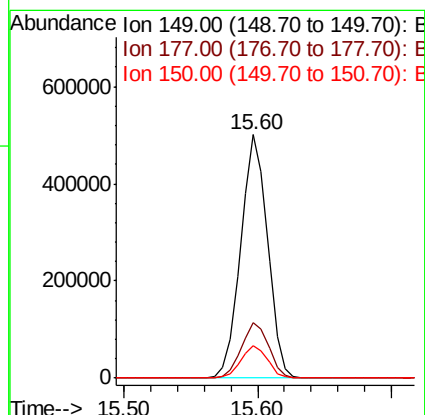
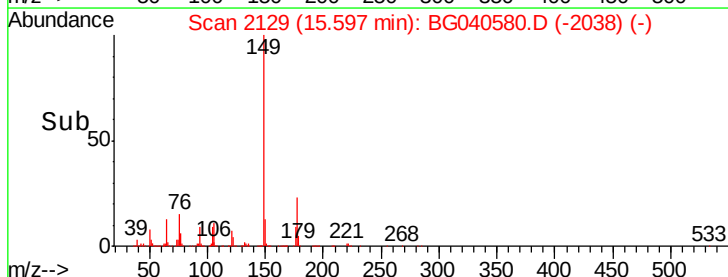
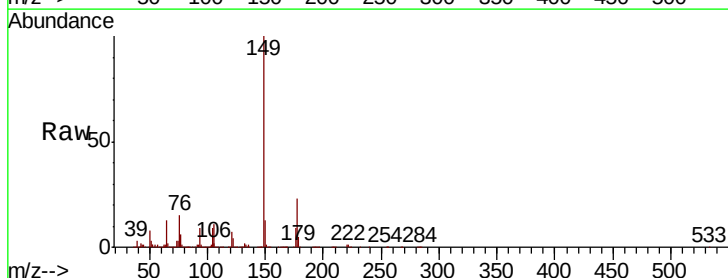
RT: 15.60 min Scan# 2129

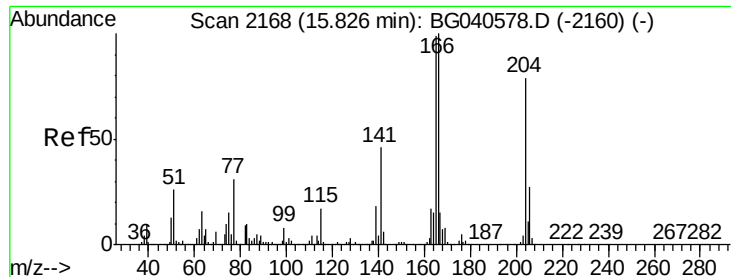
Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 696821 |       |       |
| 177     | 22.9  |        | 18.5  | 27.7  |
| 150     | 13.2  |        | 10.2  | 15.4  |





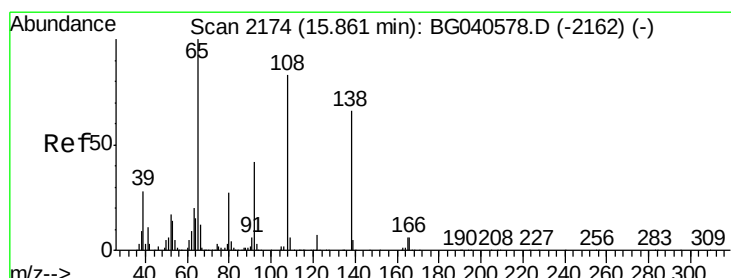
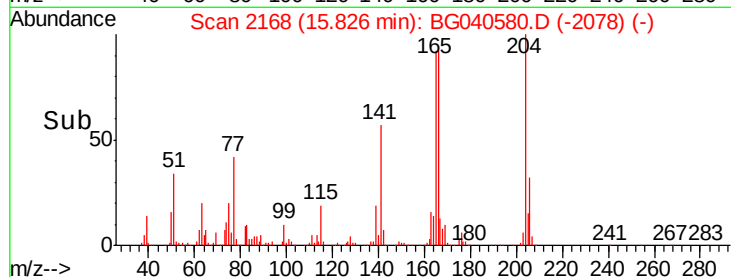
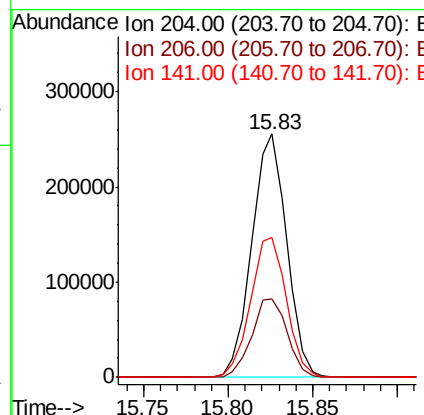
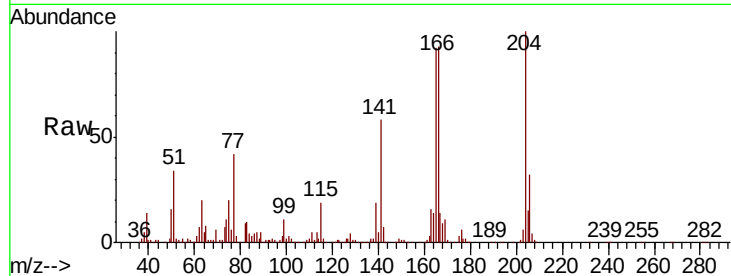
#61  
 4-Chlorophenyl-phenylether  
 Concen: 69.811 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. 0.00 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 366295 |       |       |
| 206     | 32.3  |        | 27.4  | 41.2  |
| 141     | 57.6  |        | 46.0  | 69.0  |

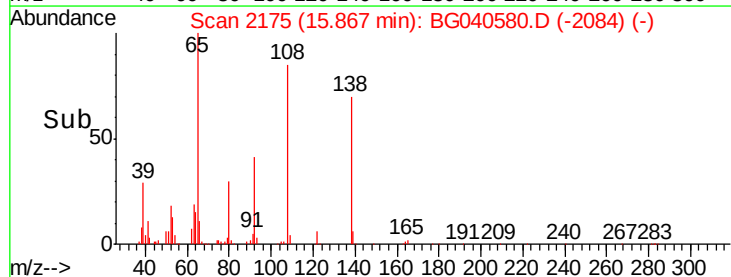
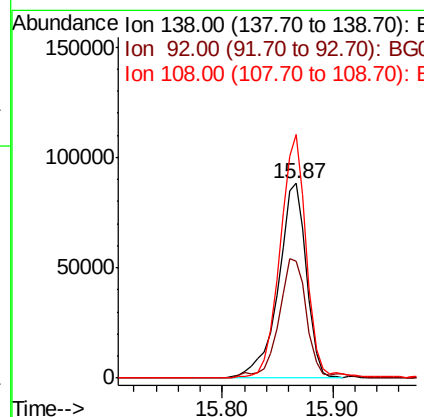
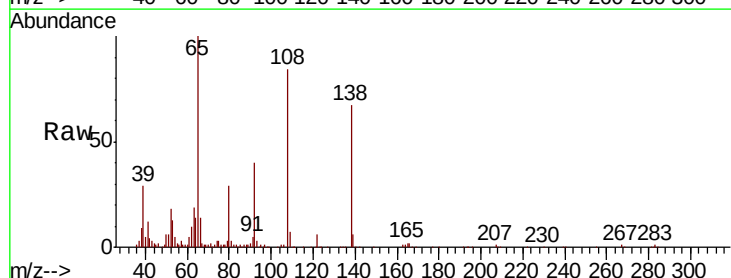
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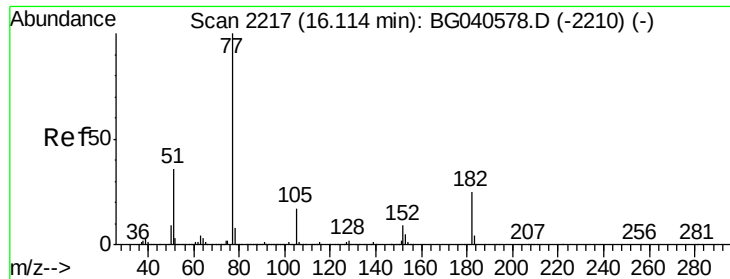
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#62  
 4-Nitroaniline  
 Concen: 59.036 ng  
 RT: 15.87 min Scan# 2175  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 155510 |       |       |
| 92      | 59.8  |        | 43.9  | 83.9  |
| 108     | 125.1 |        | 106.5 | 146.5 |





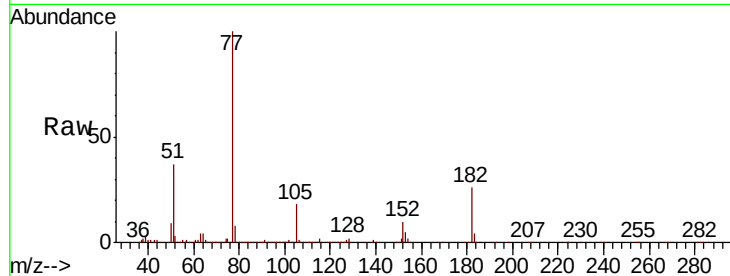
#63  
Azobenzene  
Concen: 72.560 ng  
RT: 16.12 min Scan# 2218  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

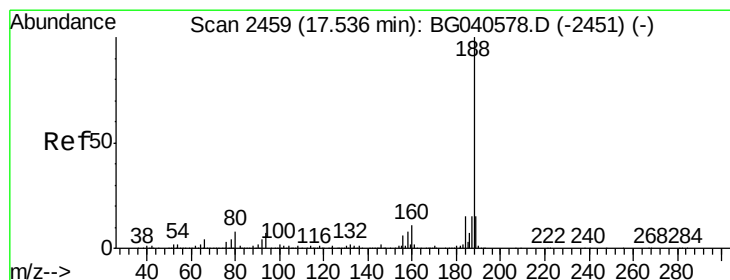
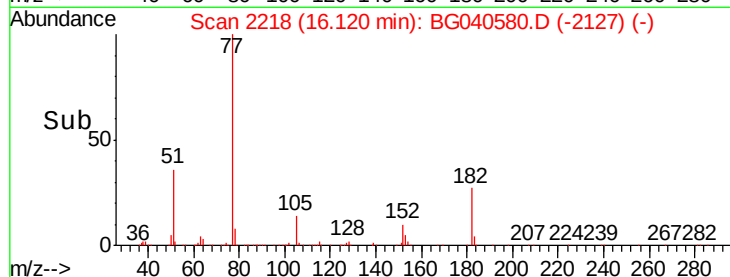
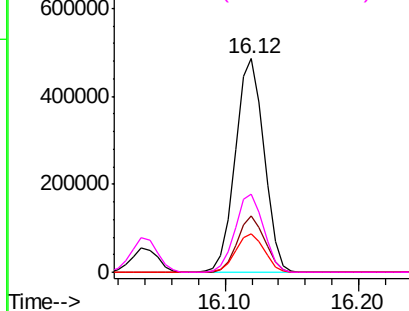
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.2  | 5.0   | 45.0  |
| 105     | 18.2  | 0.0   | 37.6  |
| 51      | 36.9  | 16.3  | 56.3  |

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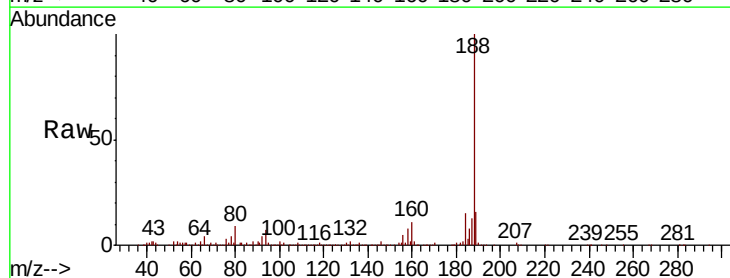


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

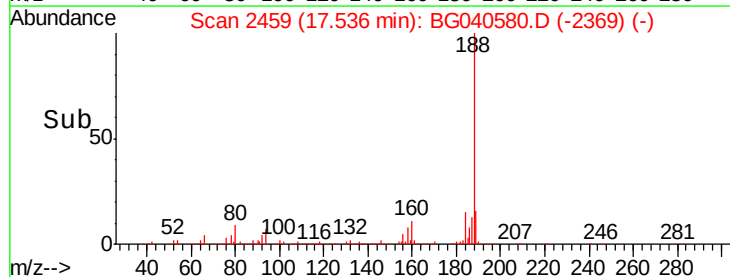
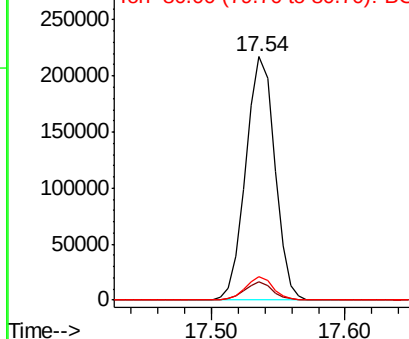


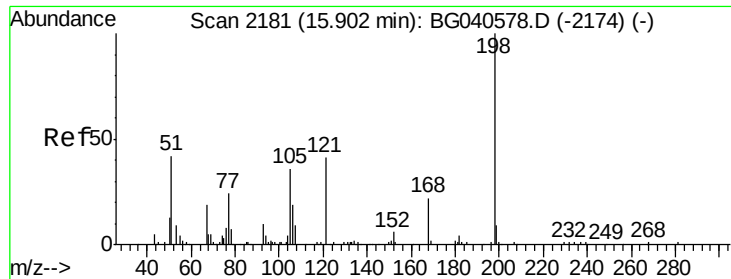
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.54 min Scan# 2459  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.5   | 5.6   | 8.4   |
| 80      | 9.4   | 6.4   | 9.6   |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.040 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

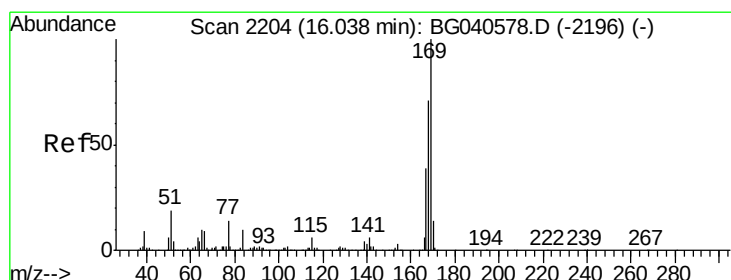
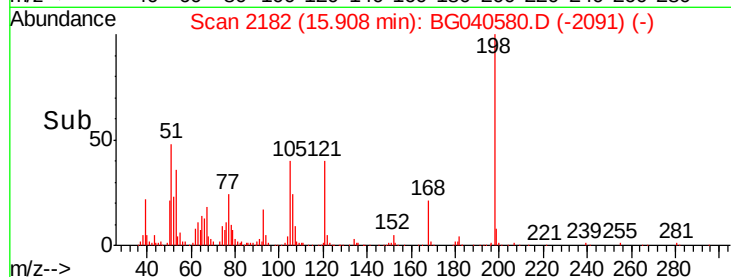
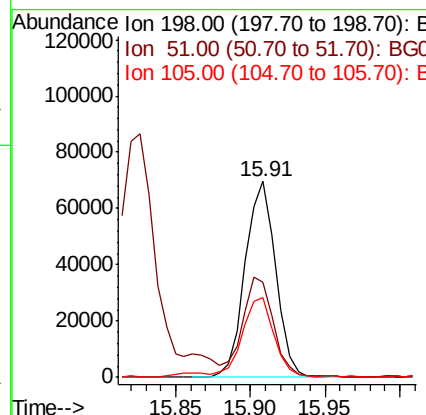
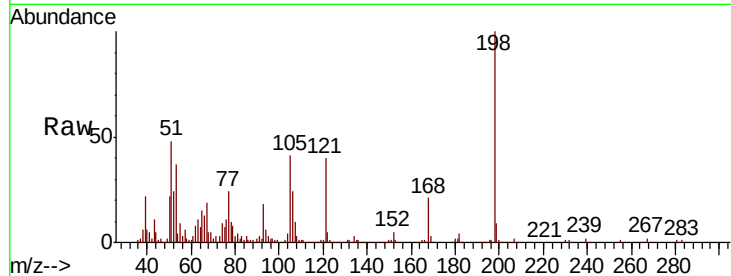
ClientSampleId :

SSTDIC060

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 98691 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 48.3  | 35.9  | 75.9  |
| 105       | 40.6  | 21.2  | 61.2  |

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#66

n-Nitrosodiphenylamine

Concen: 60.573 ng

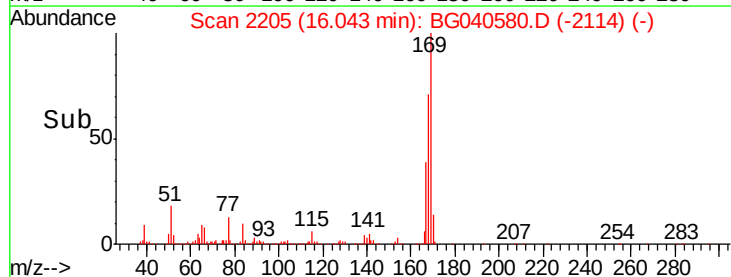
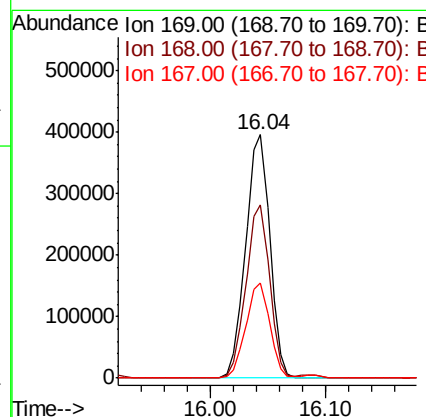
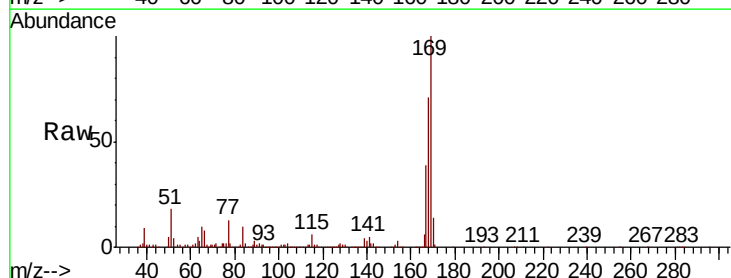
RT: 16.04 min Scan# 2205

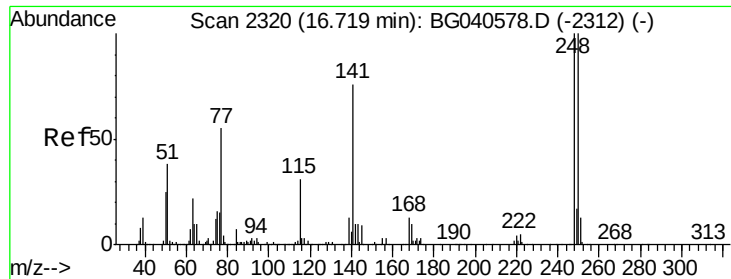
Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 576186 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.3  | 56.8  | 85.2   |
| 167       | 39.3  | 31.4  | 47.0   |





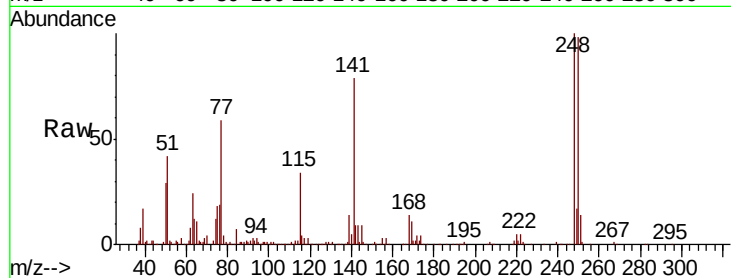
#67  
 4-Bromophenyl-phenylether  
 Concen: 68.000 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 79.8  | 119.6 |
| 141     | 79.4  | 60.8  | 91.2  |

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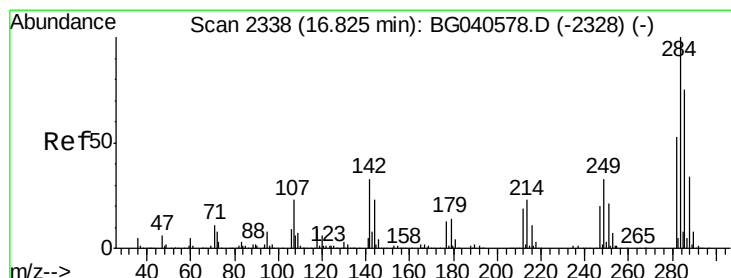
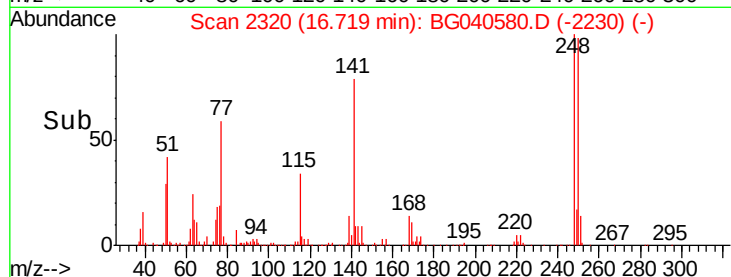
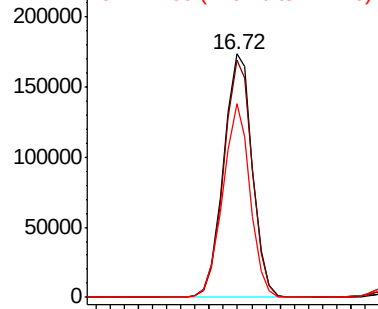


Abundance

Ion 248.00 (247.70 to 248.70): E

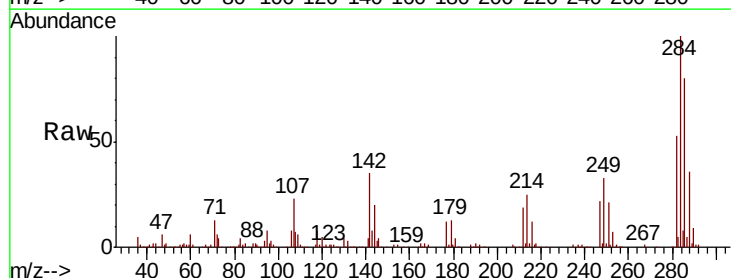
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 68.441 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.8  | 26.6  | 40.0  |
| 249     | 35.3  | 26.0  | 39.0  |

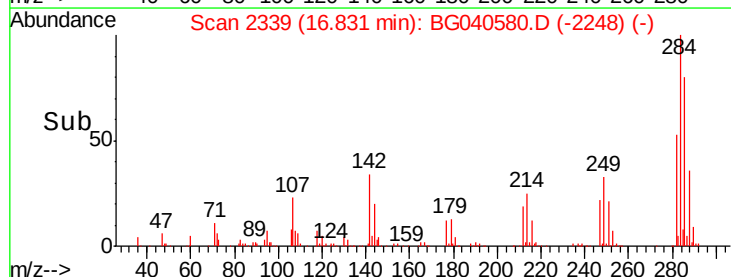
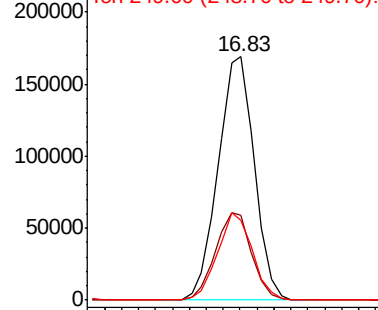


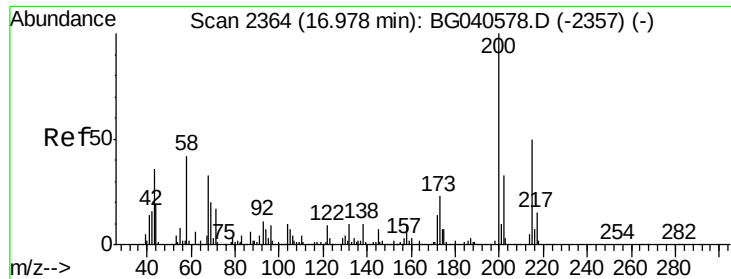
Abundance

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: 60.893 ng

RT: 16.98 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

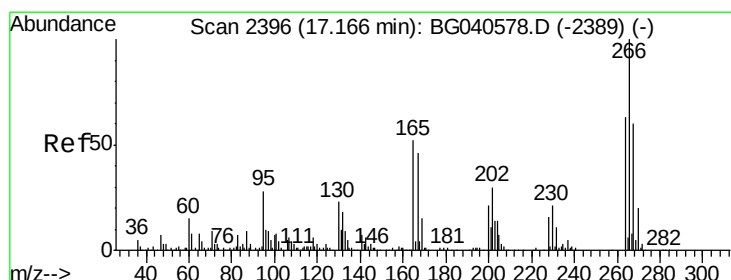
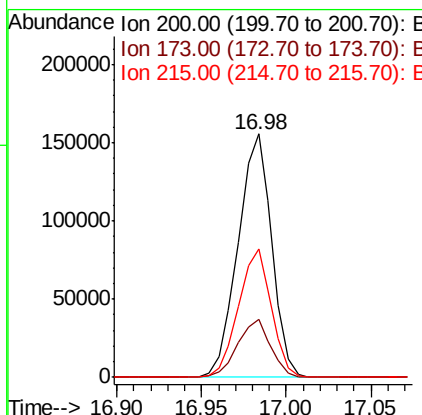
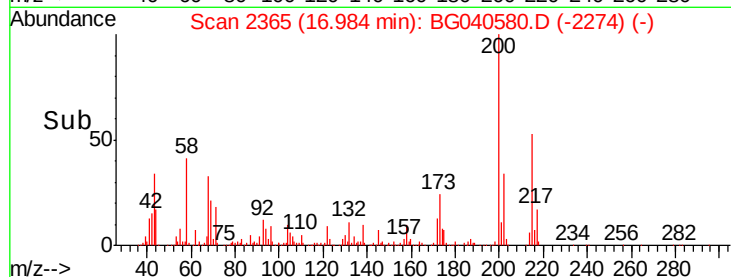
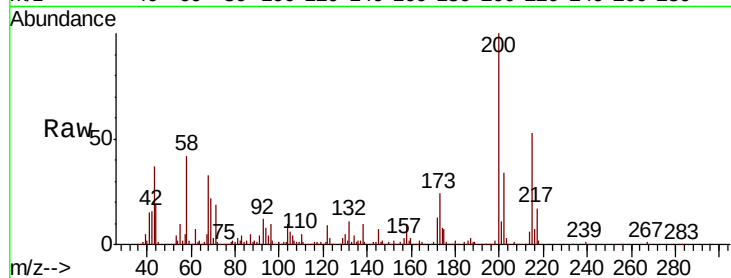
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 215471 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 23.8  | 2.8   | 42.8   |
| 215       | 52.8  | 30.2  | 70.2   |

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#70

Pentachlorophenol

Concen: 73.811 ng

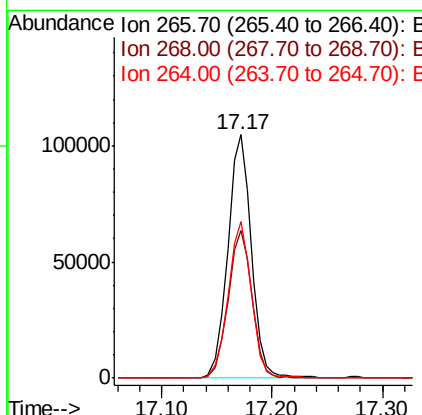
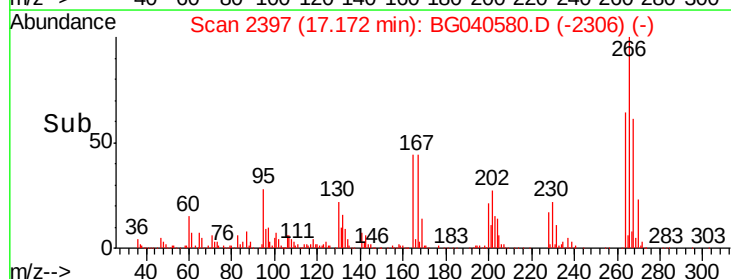
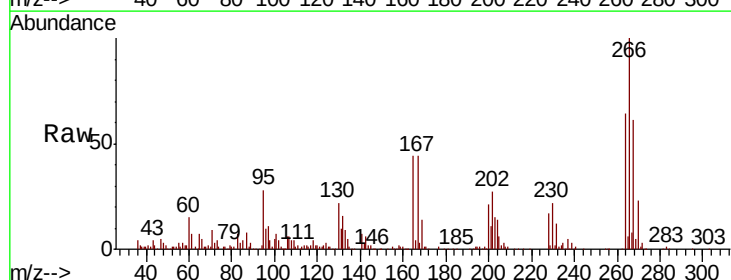
RT: 17.17 min Scan# 2397

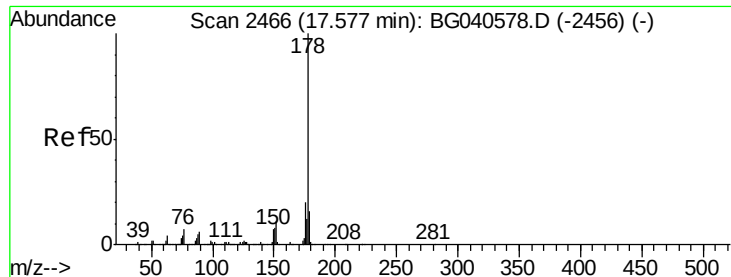
Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 156955 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 65.4  | 52.3  | 78.5   |
| 264       | 64.4  | 50.0  | 75.0   |





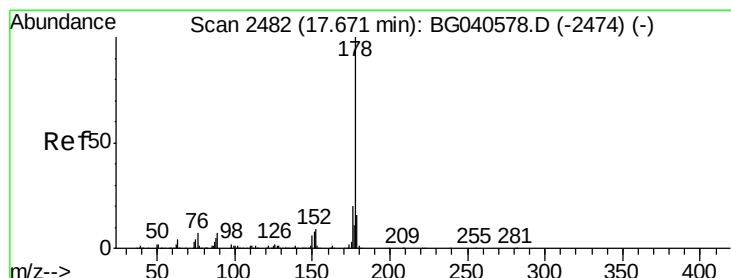
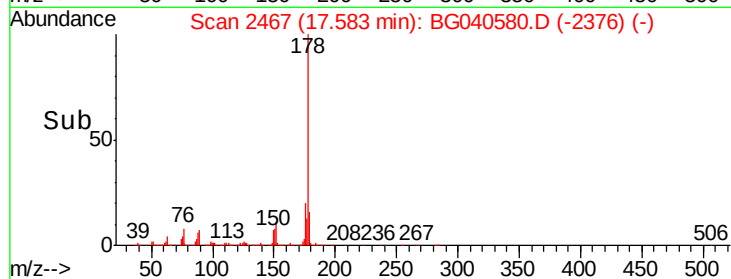
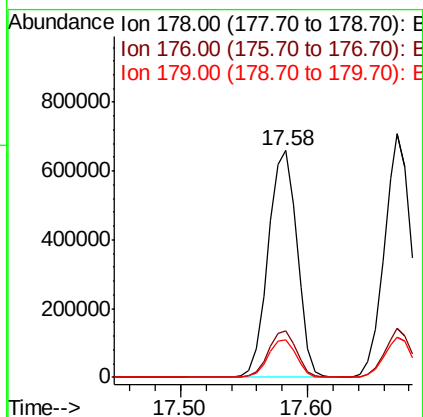
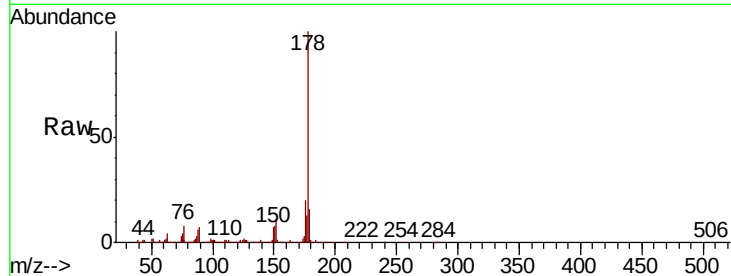
#71  
Phenanthrene  
Concen: 60.876 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 15.8  | 23.6  |
| 179     | 16.5  | 12.6  | 18.8  |

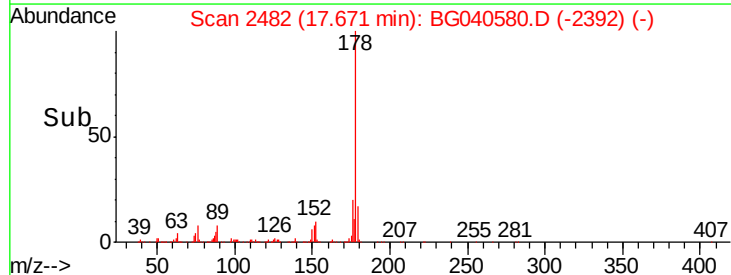
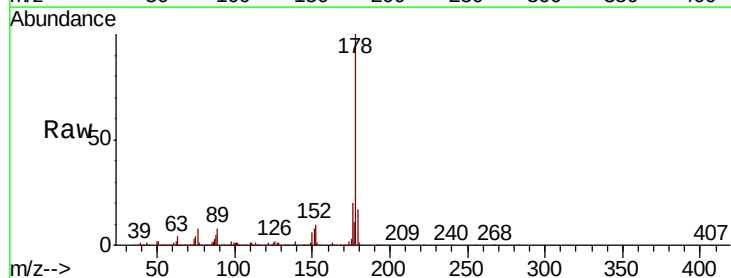
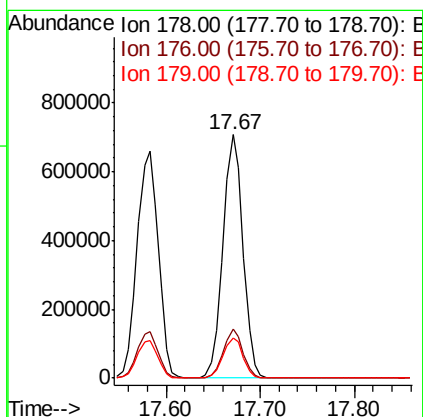
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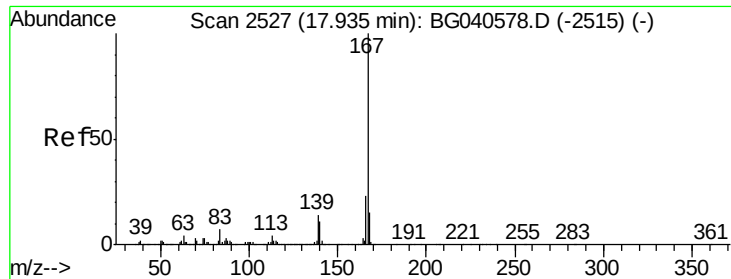


#72  
Anthracene  
Concen: 61.348 ng  
RT: 17.67 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.3  | 15.6  | 23.4  |
| 179     | 16.6  | 12.9  | 19.3  |







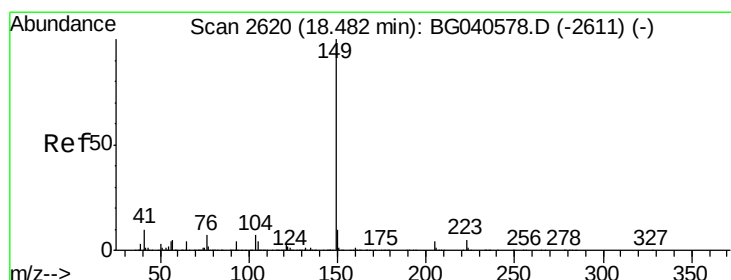
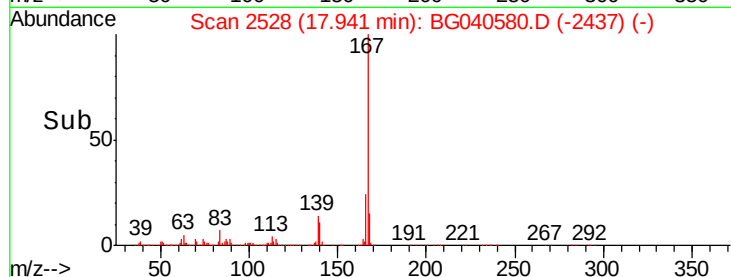
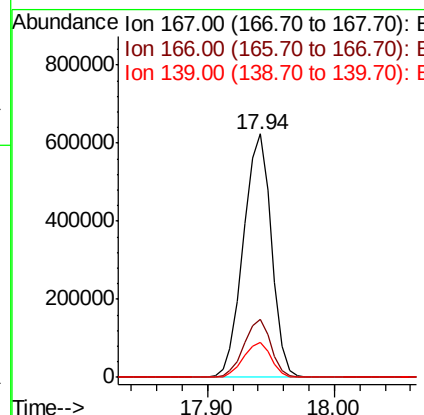
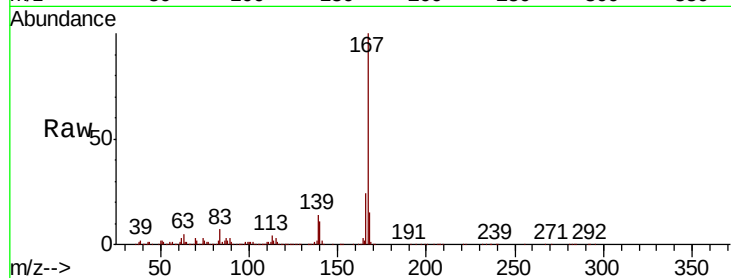
#73  
 Carbazole  
 Concen: 58.819 ng  
 RT: 17.94 min Scan# 2528  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.7  | 18.2  | 27.4  |
| 139     | 14.4  | 11.4  | 17.0  |

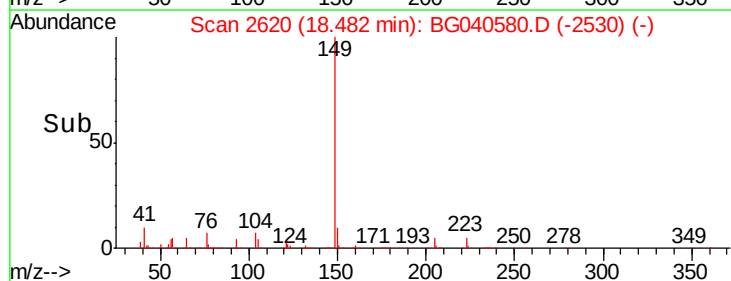
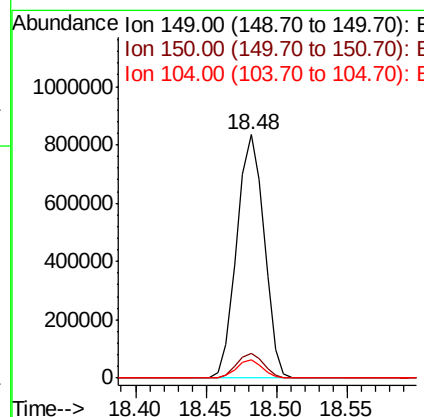
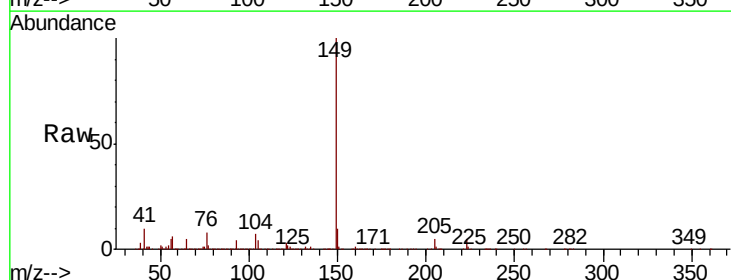
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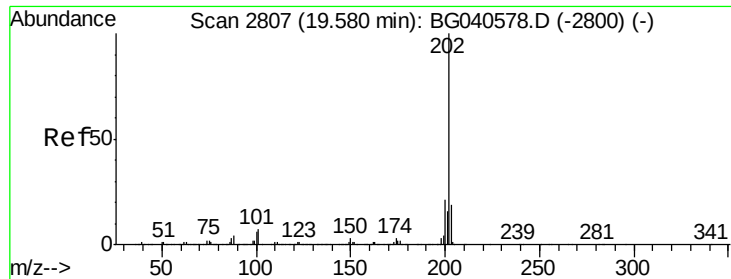
Sohil  
 4/25/2019 6:32:17 PM



#74  
 Di-n-butylphthalate  
 Concen: 59.150 ng  
 RT: 18.48 min Scan# 2620  
 Delta R.T. 0.00 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.2  | 8.2   | 12.2  |
| 104     | 7.4   | 5.4   | 8.2   |





#75

Fluoranthene

Concen: 63.634 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

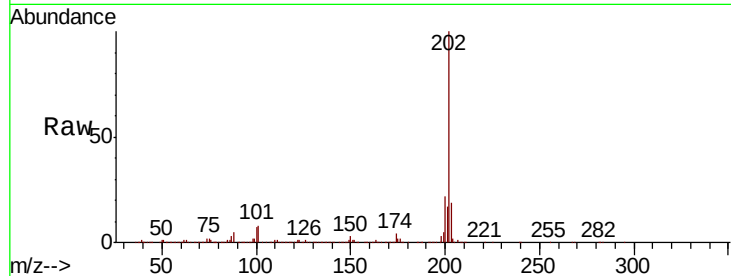
ClientSampleId :

SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1287436 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 7.9   | 0.0   | 27.5    |
| 203      | 19.4  | 0.0   | 39.3    |

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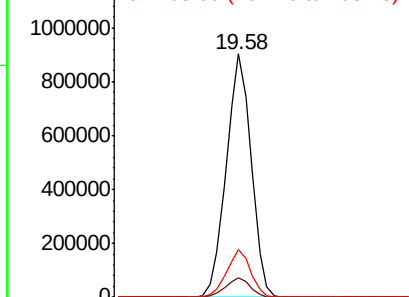


Abundance

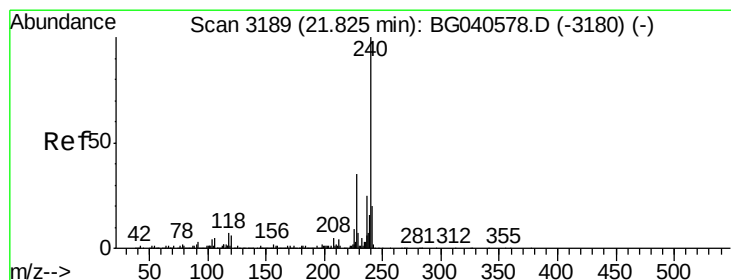
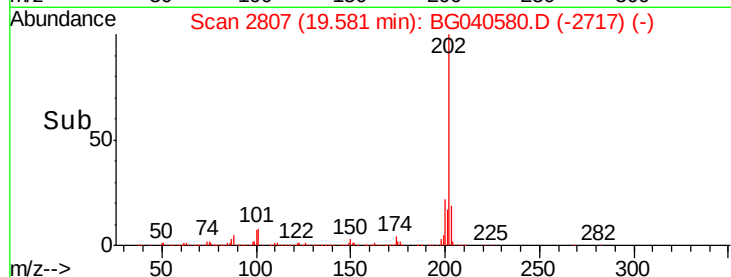
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

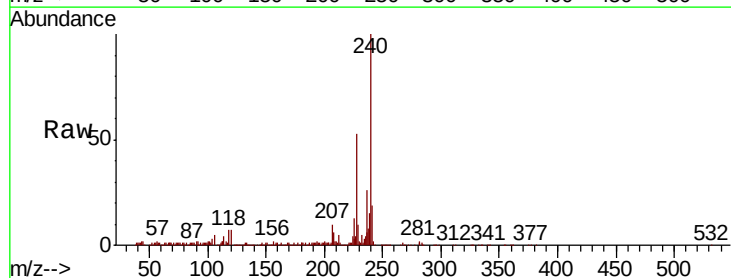
RT: 21.83 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 348547 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.1   | 5.0   | 7.6    |
| 236      | 26.4  | 20.3  | 30.5   |

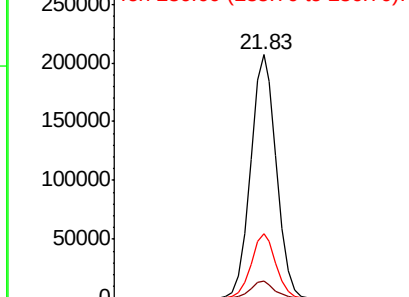


Abundance

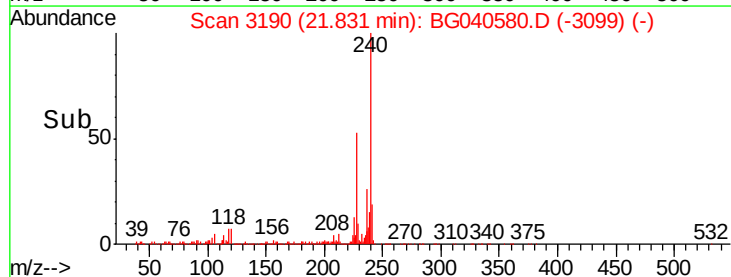
Ion 240.00 (239.70 to 240.70): E

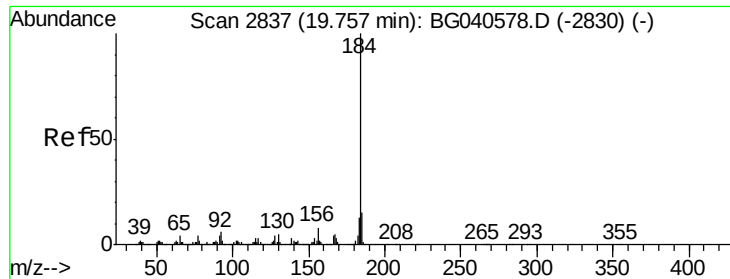
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 34.203 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

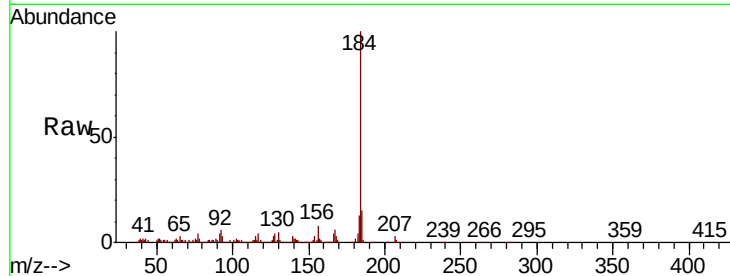
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 430494 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 11.8  | 17.8   |
| 183       | 12.8  | 10.2  | 15.2   |

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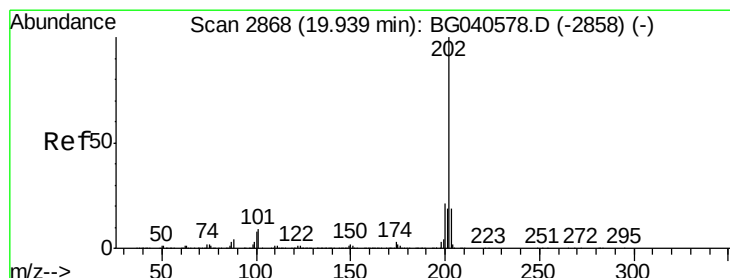
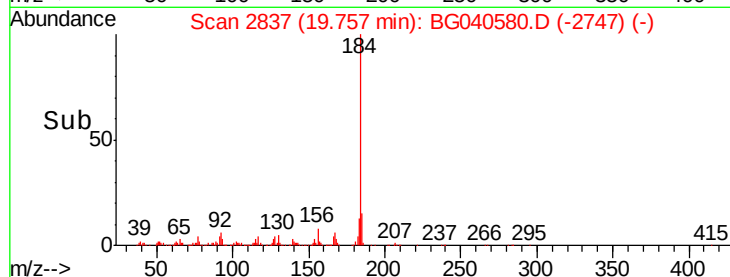
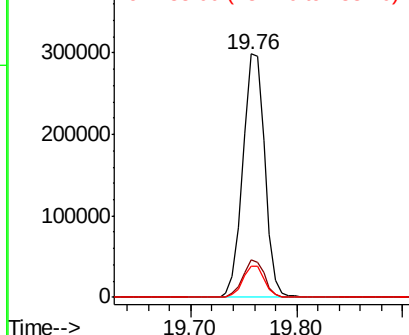


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.286 ng

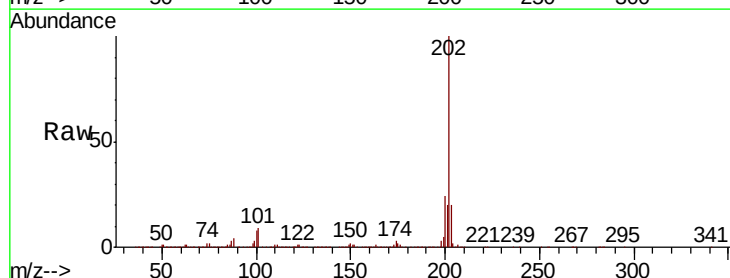
RT: 19.94 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1290127 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.8  | 17.2  | 25.8    |
| 203       | 19.9  | 15.0  | 22.4    |

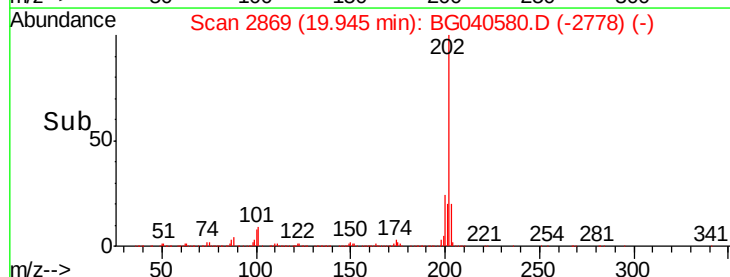
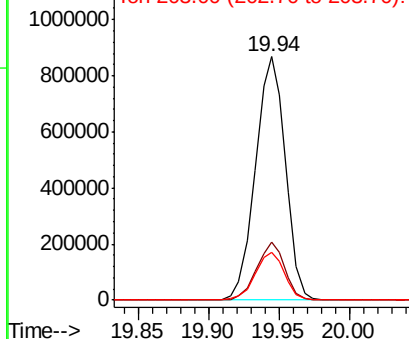


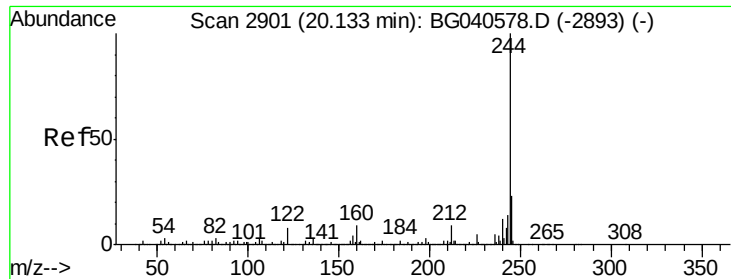
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 118.644 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

ClientSampleId :

SSTDIC060

Tot Ion:244 Resp: 1838198

Ion Ratio Lower Upper

244 100

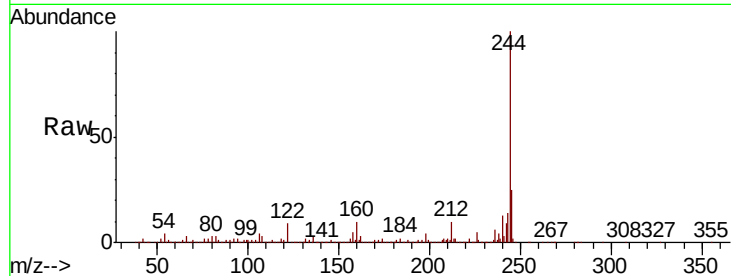
212 9.8 7.2 10.8

122 8.9 6.6 10.0

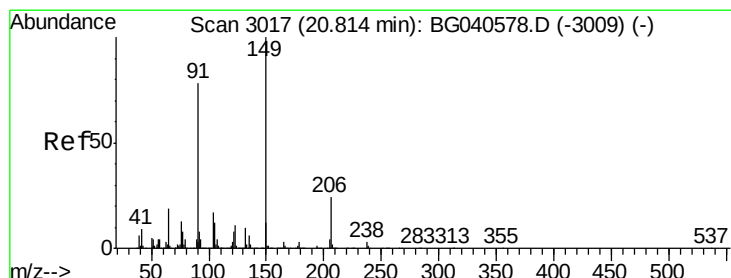
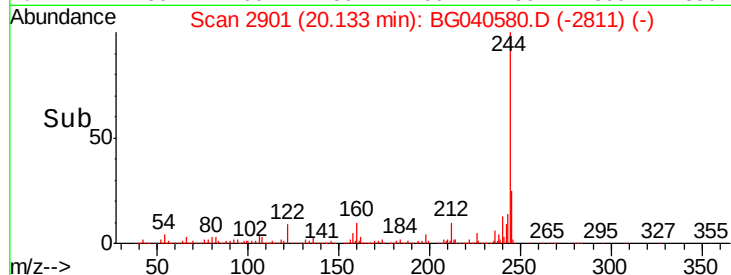
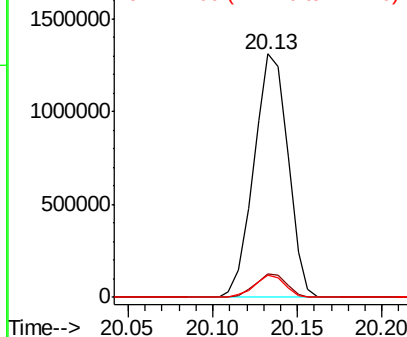
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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.793 ng

RT: 20.82 min Scan# 3018

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

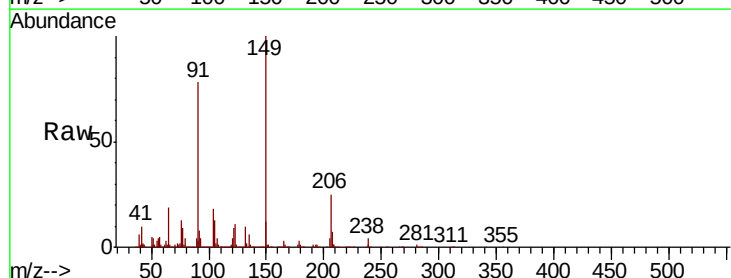
Tgt Ion:149 Resp: 507990

Ion Ratio Lower Upper

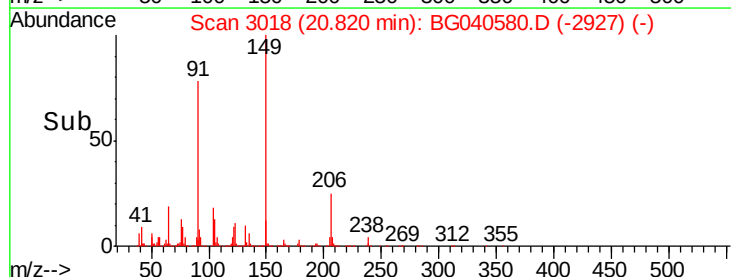
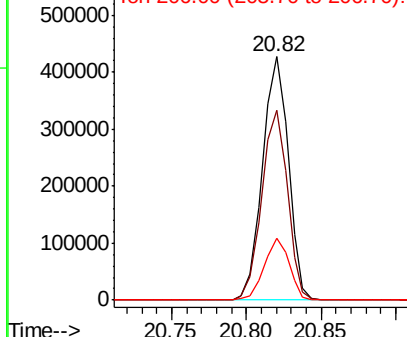
149 100

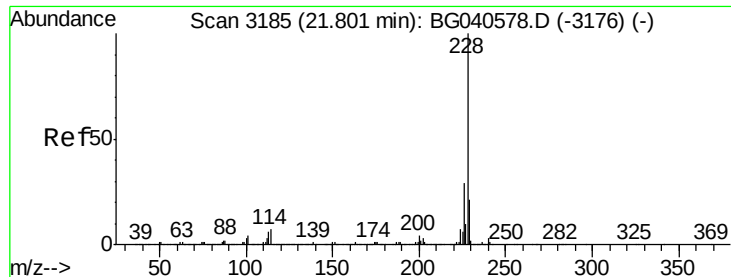
91 77.8 62.6 93.8

206 25.5 19.4 29.2



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: 60.629 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

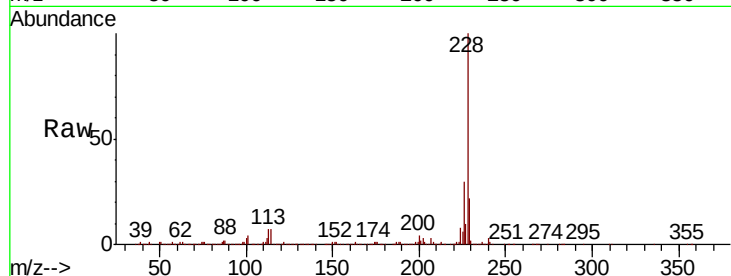
ClientSampleId :

SSTDICC060

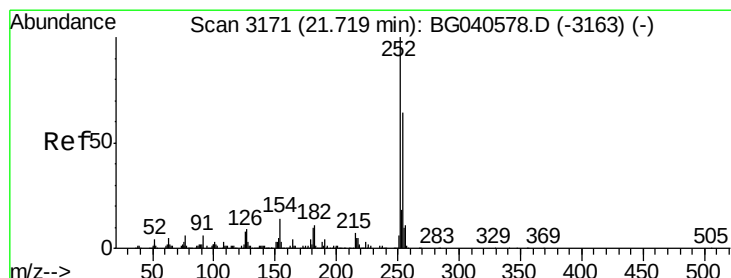
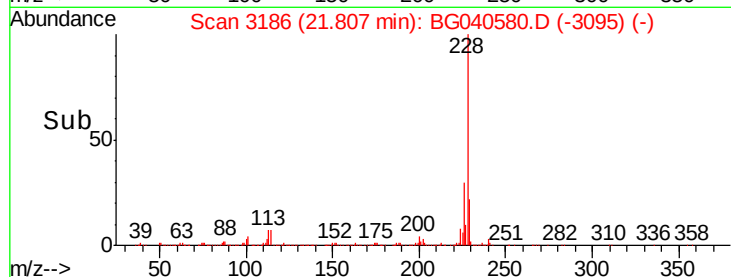
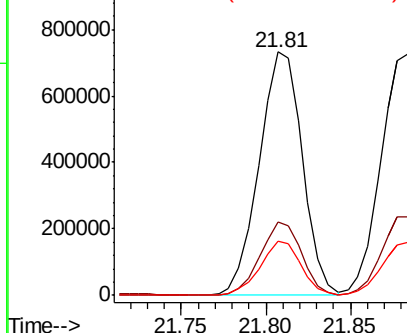
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1301613 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 30.0  | 23.1  | 34.7    |
| 229      | 22.1  | 17.0  | 25.4    |

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



#82

3,3'-Dichlorobenzidine

Concen: 55.926 ng

RT: 21.72 min Scan# 3171

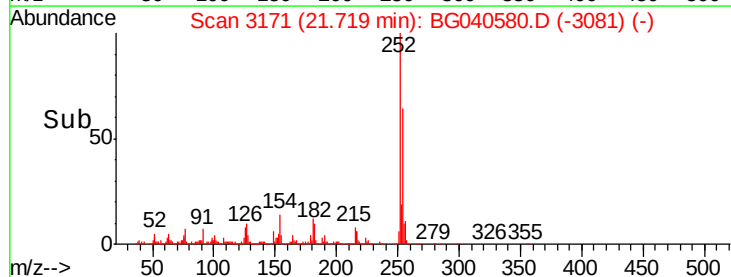
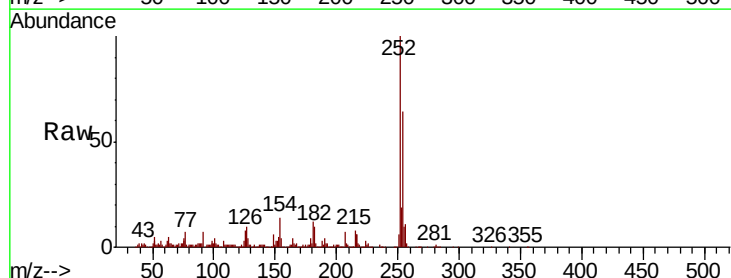
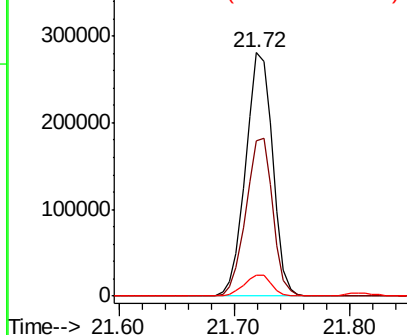
Delta R.T. 0.00 min

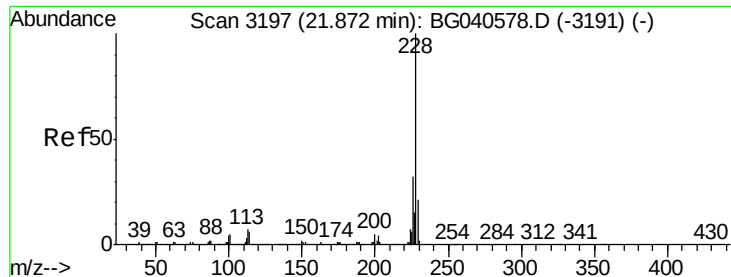
Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 456737 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.0  | 51.2  | 76.8   |
| 126      | 8.3   | 6.6   | 10.0   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





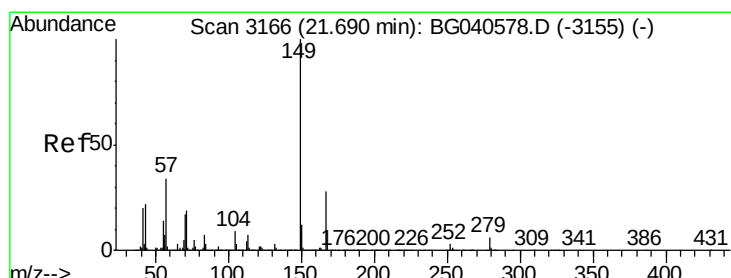
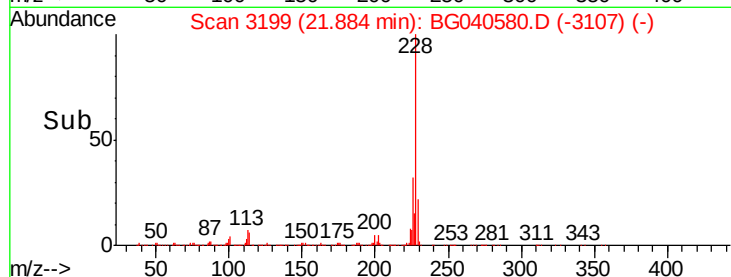
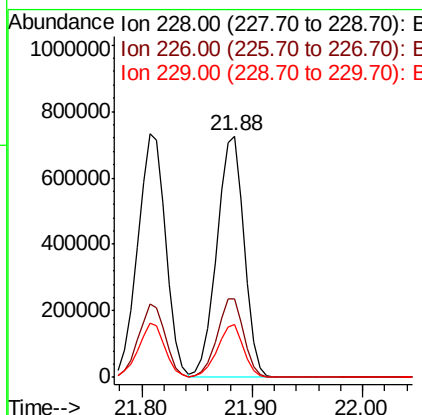
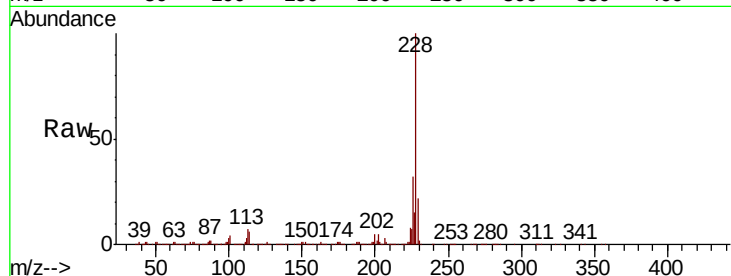
#83  
 Chrysene  
 Concen: 60.145 ng  
 RT: 21.88 min Scan# 3199  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1240956 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 32.5  | 25.5  | 38.3    |
| 229      | 22.0  | 16.8  | 25.2    |

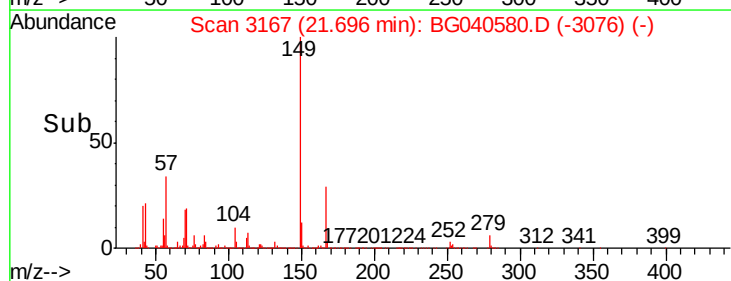
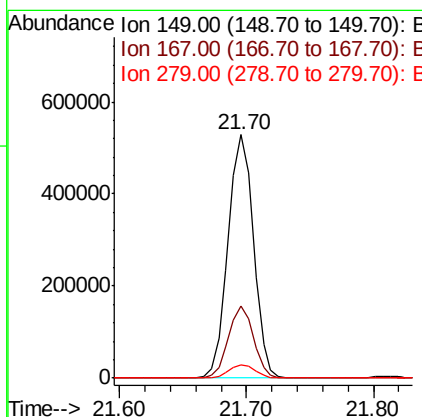
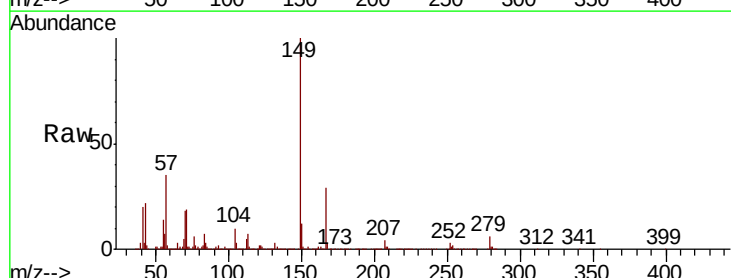
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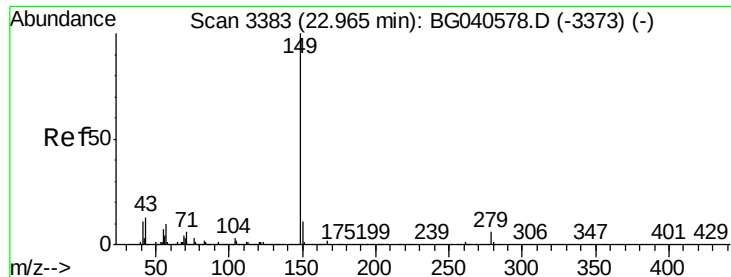
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.086 ng  
 RT: 21.70 min Scan# 3167  
 Delta R.T. 0.01 min  
 Lab File: BG040580.D  
 Acq: 23 Apr 2019 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 730264 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 29.4  | 22.4  | 33.6   |
| 279      | 5.6   | 4.6   | 6.8    |





#85

Di-n-octyl phthalate

Concen: 51.453 ng

RT: 22.97 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

Instrument :

BNA\_G

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1229069

Ion Ratio Lower Upper

149 100

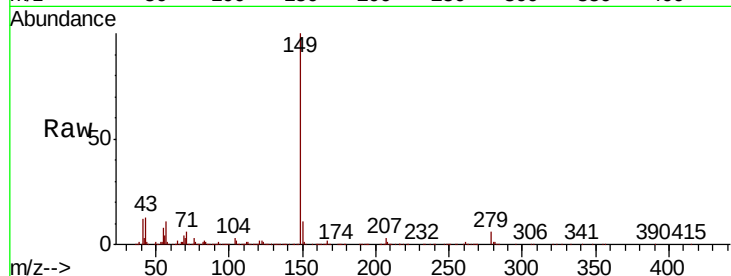
167 1.8 1.4 2.2

43 13.3 10.2 15.2

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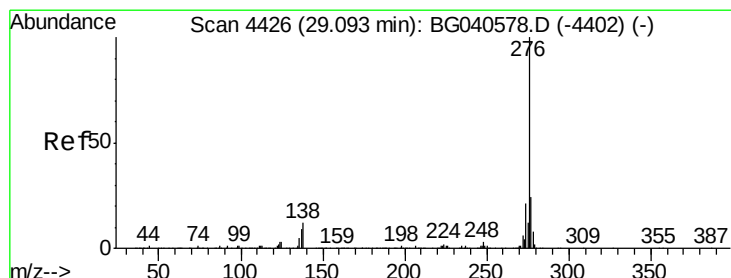
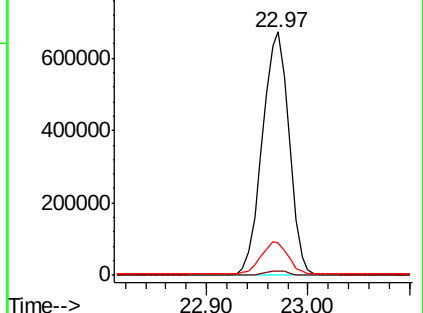
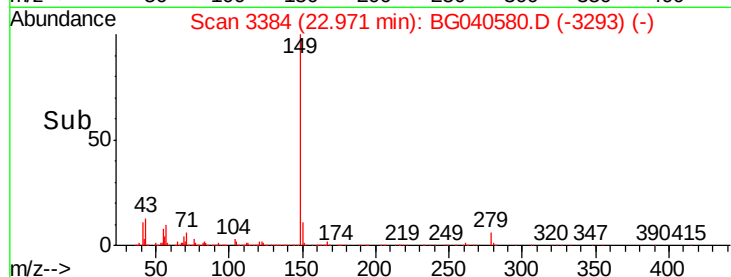
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.039 ng

RT: 29.12 min Scan# 4430

Delta R.T. 0.02 min

Lab File: BG040580.D

Acq: 23 Apr 2019 20:41

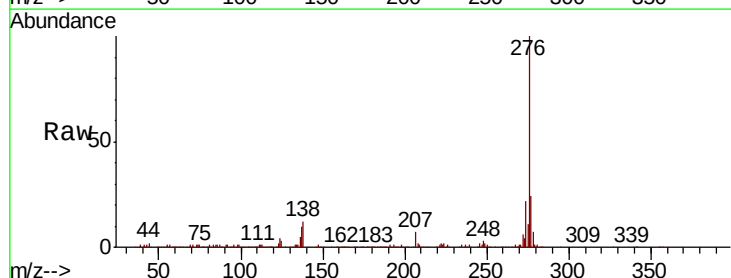
Tgt Ion:276 Resp: 1515093

Ion Ratio Lower Upper

276 100

138 11.1 9.8 14.6

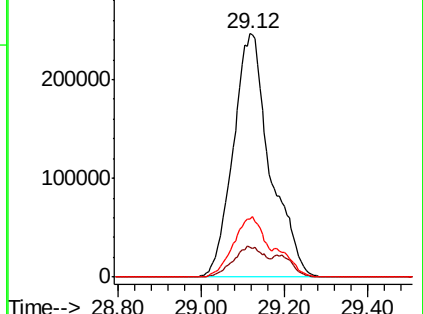
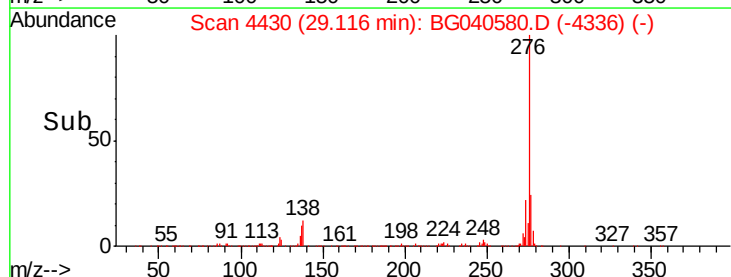
277 20.8 17.3 25.9

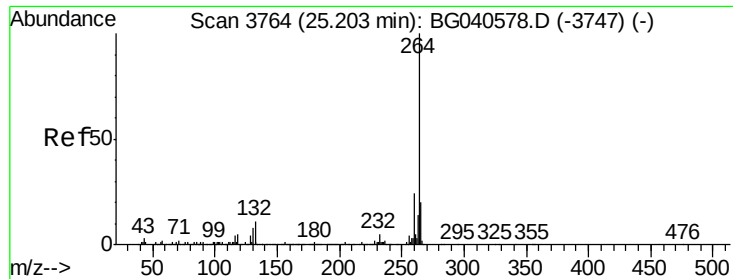


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





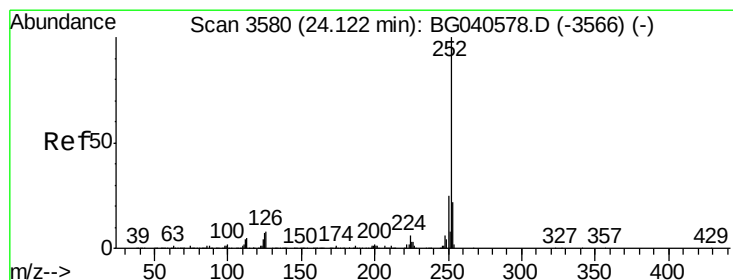
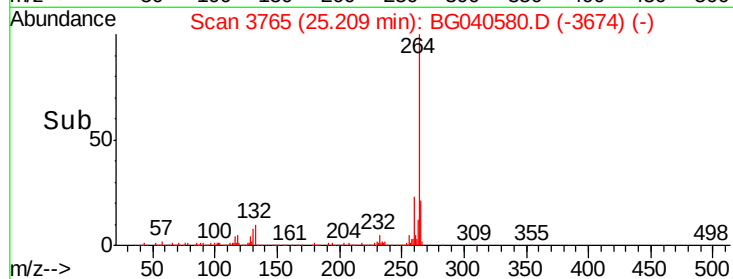
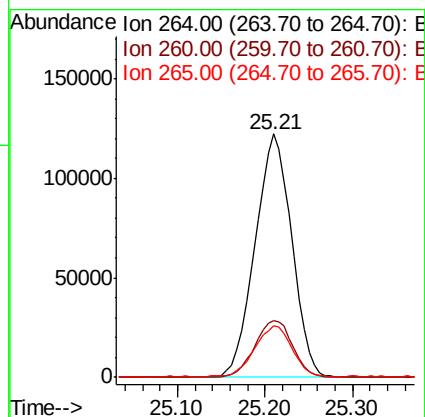
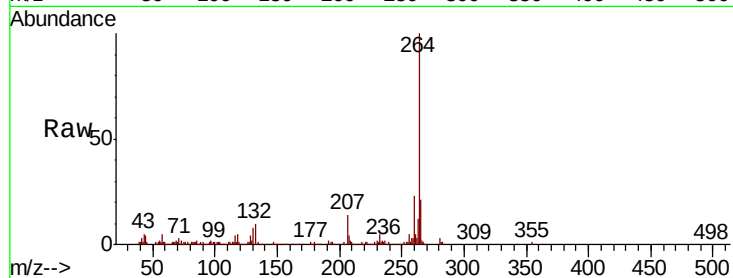
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.21 min Scan# 3765  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 264     | 100  |       |      |       |       |
| 260     | 23.2 | 19.2  | 28.8 |       |       |
| 265     | 21.2 | 16.6  | 25.0 |       |       |

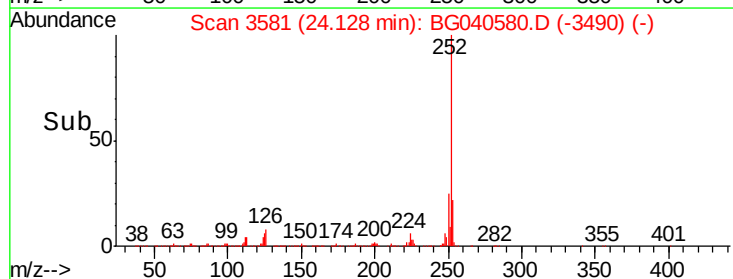
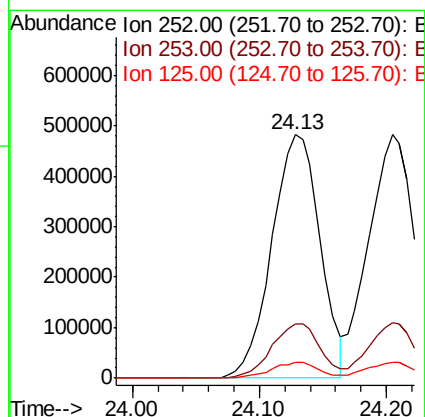
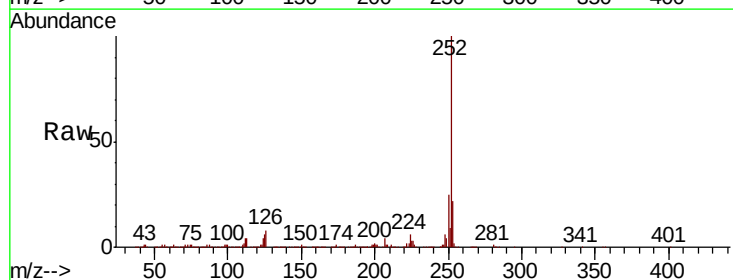
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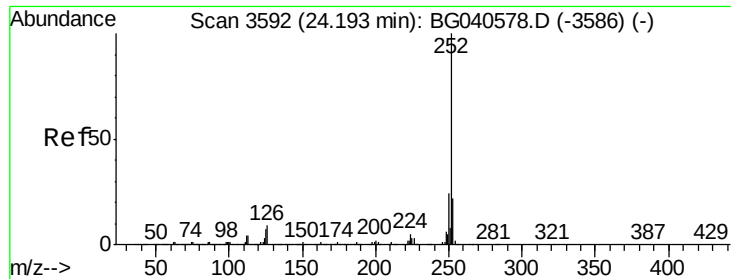


#88  
Benzo(b)fluoranthene  
Concen: 59.282 ng  
RT: 24.13 min Scan# 3581  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 252     | 100  |       |      |       |       |
| 253     | 22.1 | 17.6  | 26.4 |       |       |
| 125     | 6.4  | 5.4   | 8.0  |       |       |







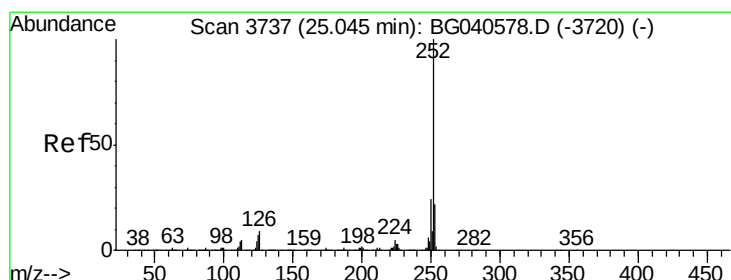
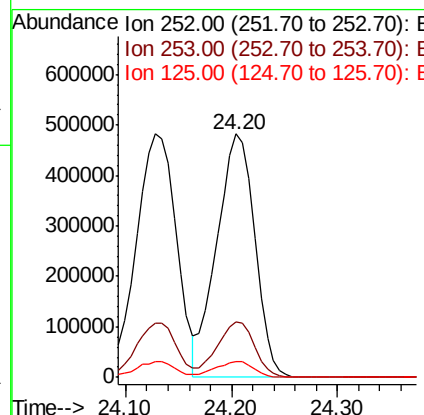
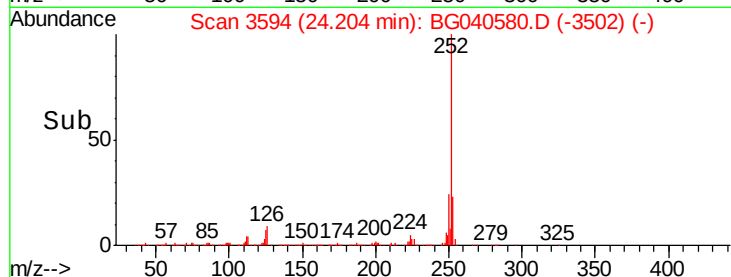
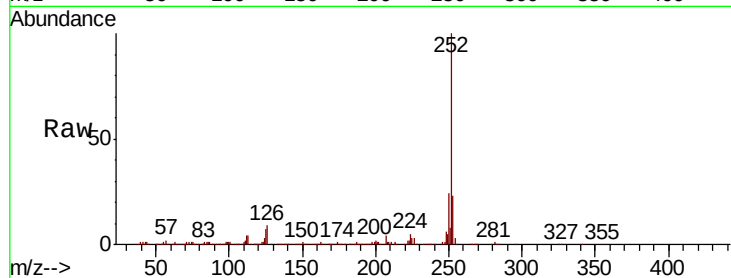
#89  
Benzo(k)fluoranthene  
Concen: 60.927 ng  
RT: 24.20 min Scan# 3594  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tot Ion:252 Resp: 1204953  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.6 26.4  
125 6.7 5.5 8.3

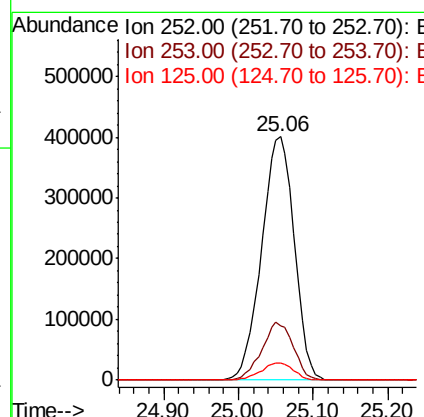
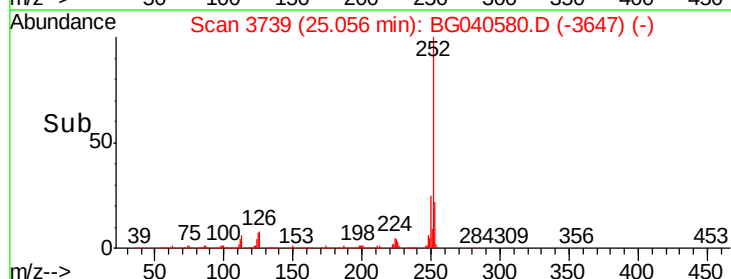
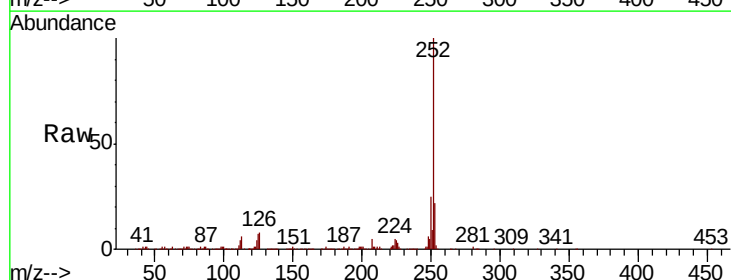
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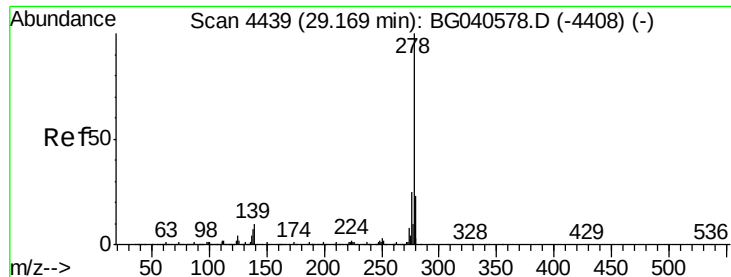
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#90  
Benzo(a)pyrene  
Concen: 60.245 ng  
RT: 25.06 min Scan# 3739  
Delta R.T. 0.01 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Tgt Ion:252 Resp: 1215630  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 7.2 5.7 8.5





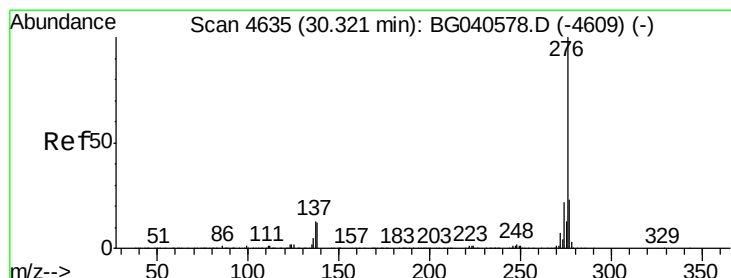
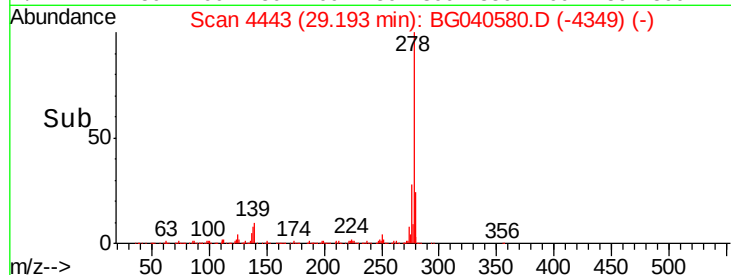
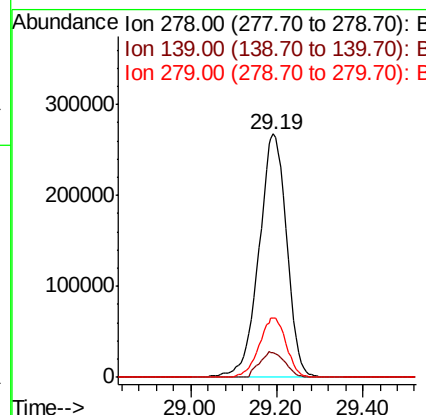
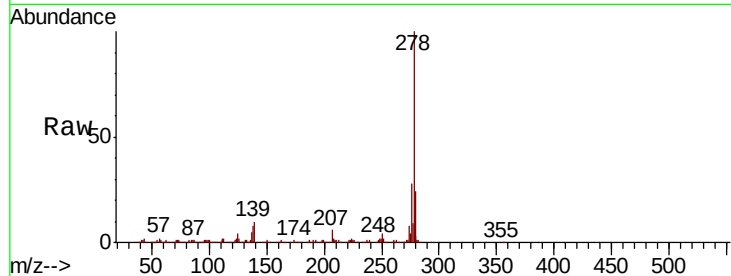
#91  
Dibenzo(a,h)anthracene  
Concen: 65.553 ng  
RT: 29.19 min Scan# 4443  
Delta R.T. 0.02 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.9   | 8.2   | 12.4  |
| 279     | 24.4  | 18.5  | 27.7  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 63.849 ng  
RT: 30.35 min Scan# 4640  
Delta R.T. 0.03 min  
Lab File: BG040580.D  
Acq: 23 Apr 2019 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.2  | 18.4  | 27.6  |
| 138     | 12.6  | 9.8   | 14.6  |

