

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\  
 Data File : BG040015.D  
 Acq On : 19 Mar 2019 23:17  
 Operator : JU/SJ  
 Sample : K1941-07MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPMS

Manual Integrations  
 APPROVED

Sohil  
 3/20/2019 4:59:20 PM

Quant Time: Mar 20 04:51:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 35251    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.96 | 136  | 153780   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 103576   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.51 | 188  | 258071   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.80 | 240  | 261182   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 25.16 | 264  | 273548   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 288500 | 139.62 | ng | -0.02 |
| 7) Phenol-d6             | 7.29  | 99  | 419227 | 136.07 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 251781 | 88.55  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 160612 | 133.04 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.39 | 172 | 549254 | 75.50  | ng | -0.03 |
| 79) Terphenyl-d14        | 20.10 | 244 | 915692 | 77.19  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 31111  | 32.613 | ng | 97     |
| 3) Pyridine                    | 3.98  | 79  | 43944  | 17.207 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 50202  | 41.436 | ng | # 97   |
| 6) Aniline                     | 7.47  | 93  | 88328  | 21.882 | ng | 99     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 101609 | 40.533 | ng | 98     |
| 9) Benzaldehyde                | 7.29  | 77  | 38265  | 19.254 | ng | 98     |
| 10) Phenol                     | 7.32  | 94  | 160067 | 47.958 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 101372 | 38.955 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 105649 | 37.264 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 109136 | 37.792 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 106468 | 38.158 | ng | 98     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 102167 | 41.804 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 210341 | 40.415 | ng | 98     |
| 17) 2-Methylphenol             | 8.58  | 107 | 90110  | 42.341 | ng | 99     |
| 18) Hexachloroethane           | 9.23  | 117 | 39441  | 38.063 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 84109  | 37.928 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 126774 | 42.879 | ng | 98     |
| 22) Acetophenone               | 8.97  | 105 | 158771 | 38.467 | ng | # 96   |
| 24) Nitrobenzene               | 9.37  | 77  | 126402 | 42.376 | ng | 99     |
| 25) Isophorone                 | 9.88  | 82  | 246749 | 41.417 | ng | 97     |
| 26) 2-Nitrophenol              | 10.08 | 139 | 61427  | 42.652 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 106308 | 47.461 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 144232 | 39.837 | ng | 94     |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 113452 | 44.987 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 111787 | 39.393 | ng | 99     |
| 31) Naphthalene                | 11.02 | 128 | 328727 | 40.374 | ng | 100    |
| 32) Benzoic acid               | 10.24 | 122 | 40057  | 29.064 | ng | 94     |
| 33) 4-Chloroaniline            | 11.13 | 127 | 64632  | 18.720 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 73973  | 38.147 | ng | 92     |
| 35) Caprolactam                | 11.91 | 113 | 38455m | 39.918 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 126678 | 43.820 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 251831 | 41.371 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 241268 | 40.785 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 137121 | 39.078 | ng | 98     |

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 Sample : K1941-07MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPMS

Manual Integrations  
 APPROVED

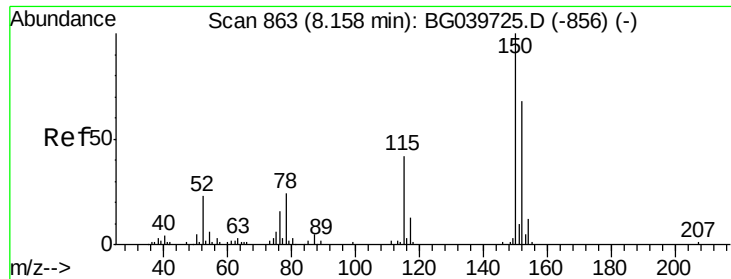
Sohil  
 3/20/2019 4:59:20 PM

Quant Time: Mar 20 04:51:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 183281   | 97.468 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 95033    | 46.261 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 102731   | 44.365 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 342544   | 40.209 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.65 | 162  | 259306   | 40.461 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 95698    | 46.465 | ng    | 98       |
| 49) Acenaphthylene             | 14.50 | 152  | 423647   | 40.268 | ng    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 414295   | 47.835 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 81112    | 44.177 | ng    | 98       |
| 52) Acenaphthene               | 14.84 | 154  | 256683   | 40.537 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 53493    | 28.983 | ng    | # 95     |
| 54) 2,4-Dinitrophenol          | 14.89 | 184  | 98600    | 84.816 | ng    | 96       |
| 55) Dibenzofuran               | 15.16 | 168  | 422191   | 40.638 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 140141   | 84.880 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 113946   | 44.167 | ng    | 89       |
| 58) Fluorene                   | 15.82 | 166  | 333865   | 40.879 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 102281   | 45.228 | ng    | 99       |
| 60) Diethylphthalate           | 15.57 | 149  | 371275   | 43.304 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 177706   | 40.775 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.85 | 138  | 86419    | 43.190 | ng    | 99       |
| 63) Azobenzene                 | 16.09 | 77   | 333624   | 42.927 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 69089    | 45.278 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 301767   | 40.391 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 114702   | 39.707 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 119092   | 39.773 | ng    | 98       |
| 69) Atrazine                   | 16.96 | 200  | 124542   | 42.356 | ng    | 97       |
| 70) Pentachlorophenol          | 17.16 | 266  | 154577   | 81.741 | ng    | 93       |
| 71) Phenanthrene               | 17.56 | 178  | 571429   | 40.199 | ng    | 99       |
| 72) Anthracene                 | 17.65 | 178  | 577403   | 41.683 | ng    | 99       |
| 73) Carbazole                  | 17.93 | 167  | 515064   | 41.245 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 615445   | 41.887 | ng    | 99       |
| 75) Fluoranthene               | 19.56 | 202  | 674222   | 40.134 | ng    | 99       |
| 77) Benzidine                  | 19.74 | 184  | 13631    | 1.645  | ng    | 97       |
| 78) Pyrene                     | 19.92 | 202  | 688015   | 40.539 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 291723   | 44.366 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.79 | 228  | 650078   | 39.714 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 165184   | 27.640 | ng    | 100      |
| 83) Chrysene                   | 21.85 | 228  | 631083   | 39.768 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 413884   | 44.793 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.90 | 149  | 708101   | 46.284 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.03 | 276  | 753156   | 41.835 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 24.09 | 252  | 673556   | 41.292 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.16 | 252  | 635397   | 41.846 | ng    | 98       |
| 90) Benzo(a)pyrene             | 25.00 | 252  | 646998   | 42.923 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.09 | 278  | 617278   | 41.772 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.25 | 276  | 626266   | 42.198 | ng    | 98       |

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





#1

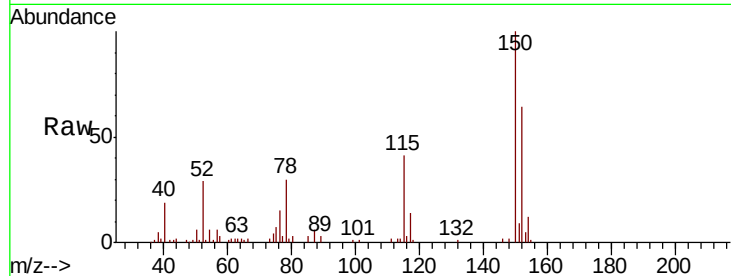
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.14 min Scan# 861  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 123.7 | 185.5 |
| 115     | 63.1  | 45.9  | 68.9  |

Manual Integrations  
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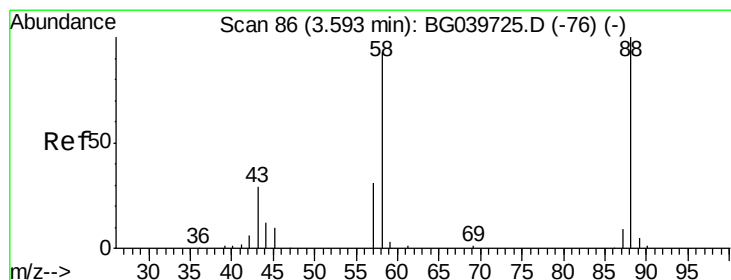
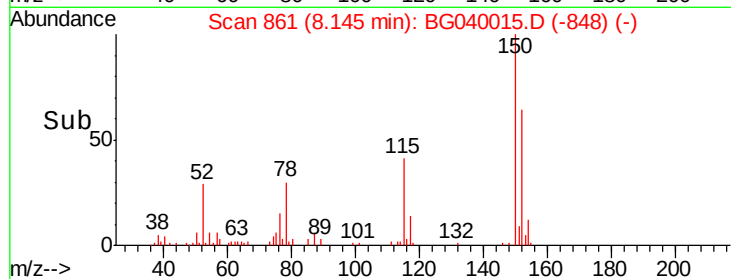
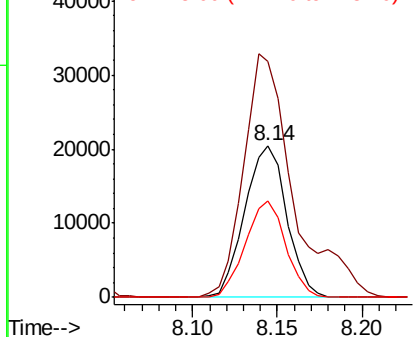


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

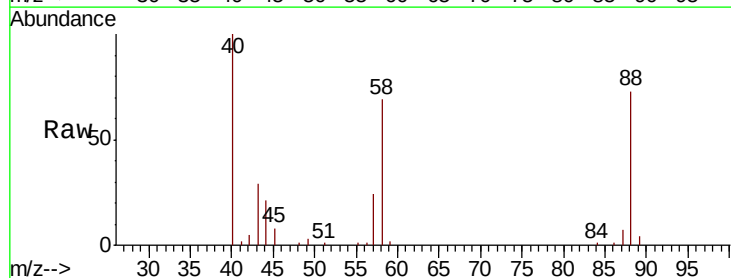
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 32.613 ng  
RT: 3.58 min Scan# 84  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 99.4  | 81.1  | 121.7 |
| 43      | 35.9  | 31.4  | 47.0  |

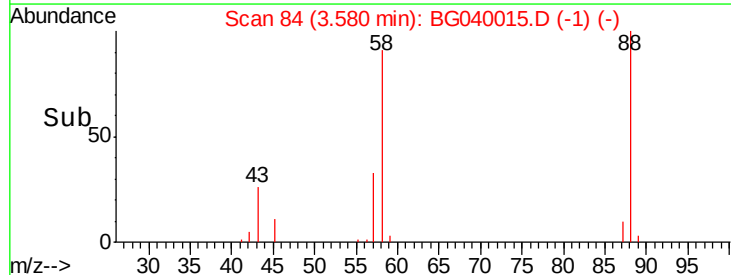
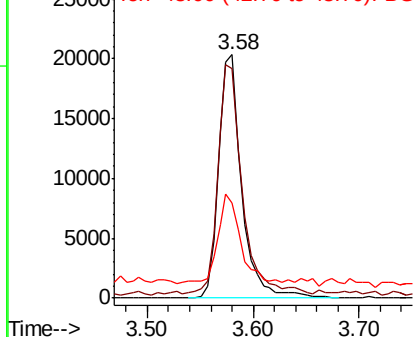


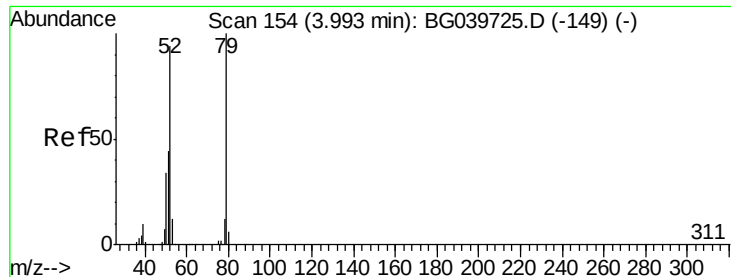
Abundance

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: 17.207 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

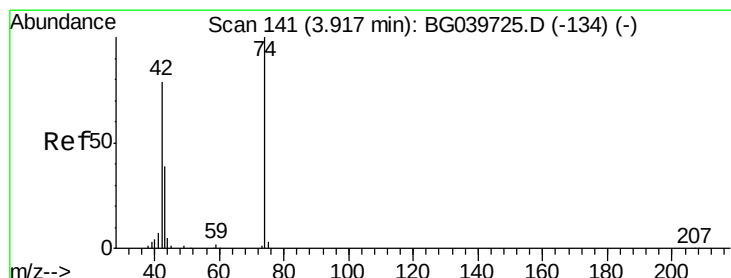
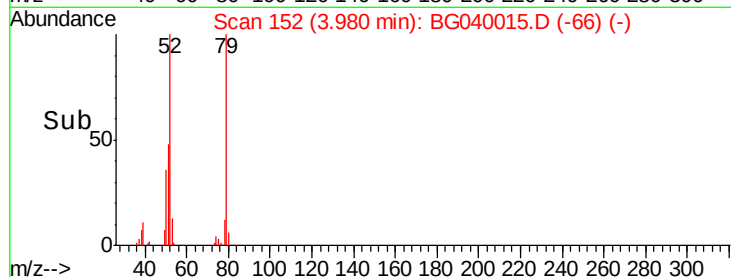
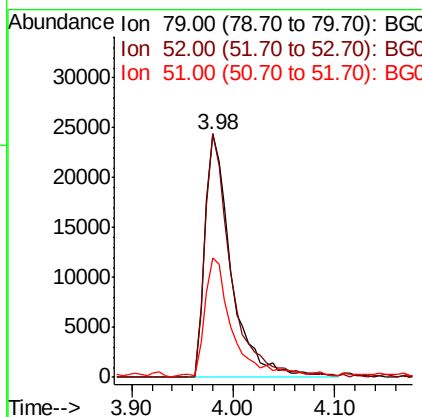
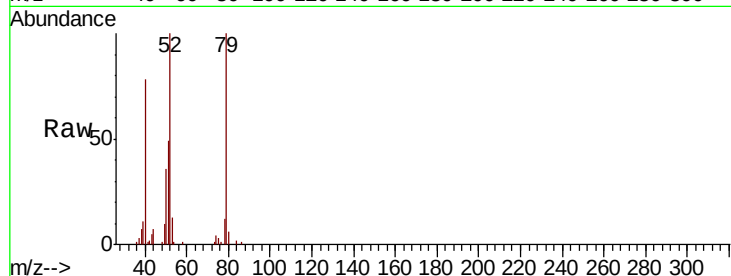
ClientSampled :

SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 100.1 | 82.6  | 124.0 |
| 51      | 49.4  | 37.5  | 56.3  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.436 ng

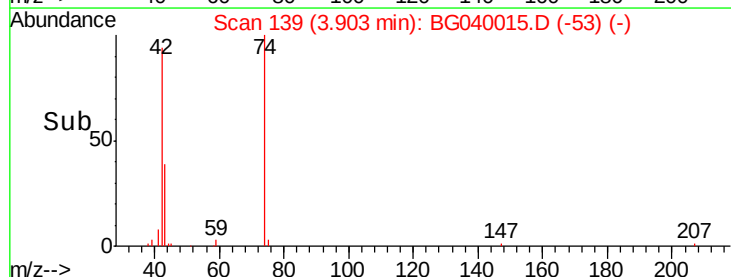
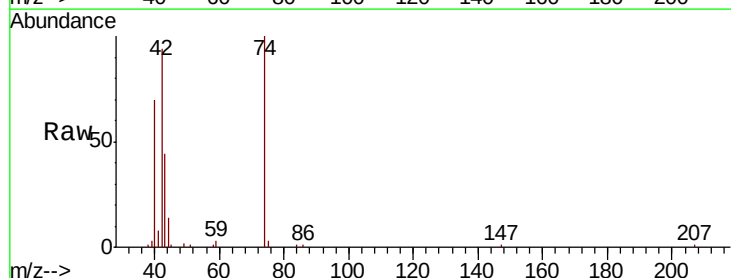
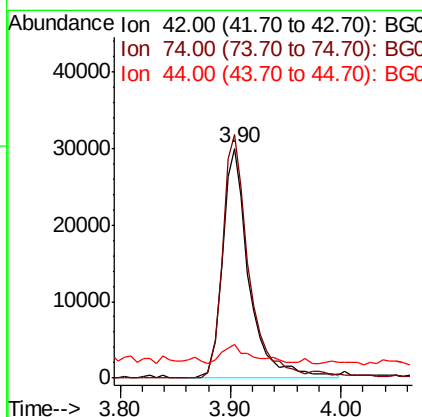
RT: 3.90 min Scan# 139

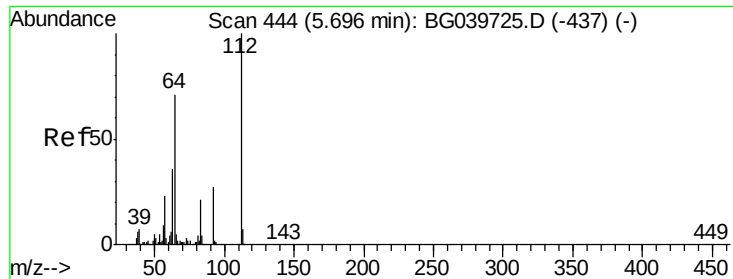
Delta R.T. -0.03 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 105.9 | 83.6  | 125.4 |
| 44      | 14.5  | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 139.623 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

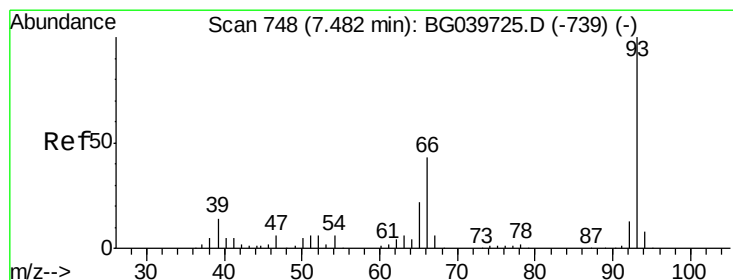
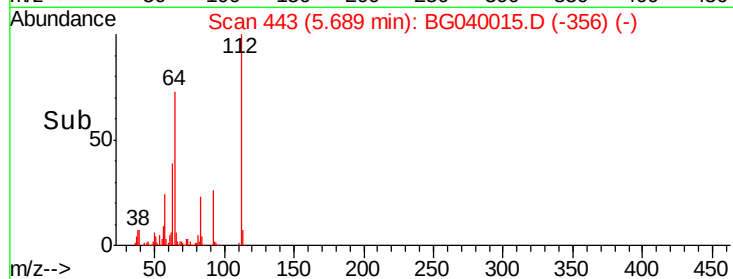
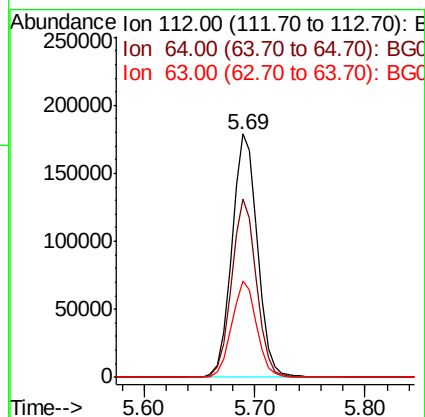
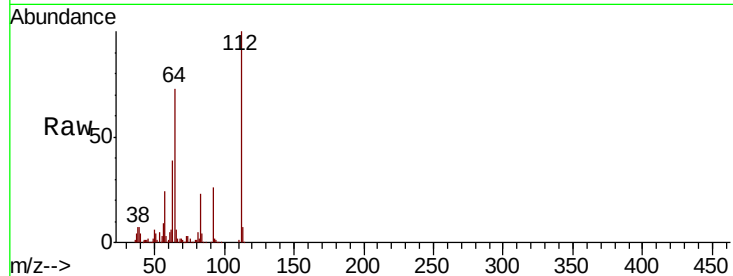
ClientSampled :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 288500 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 73.1  | 57.8  | 86.8   |
| 63        | 39.4  | 29.8  | 44.6   |

Manual Integrations  
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#6

Aniline

Concen: 21.882 ng

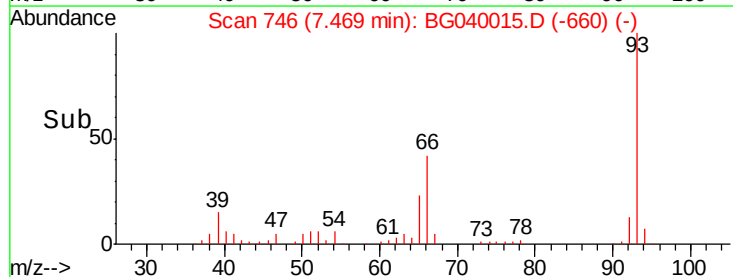
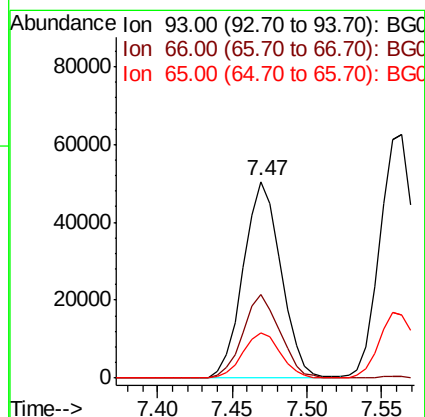
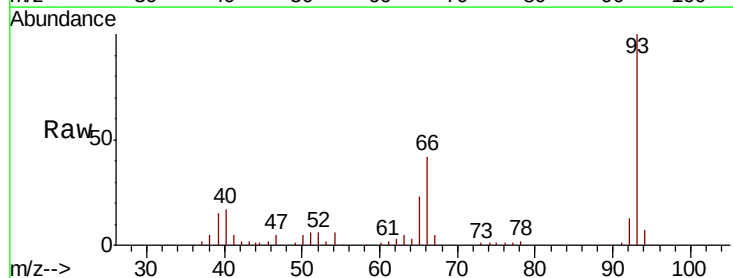
RT: 7.47 min Scan# 746

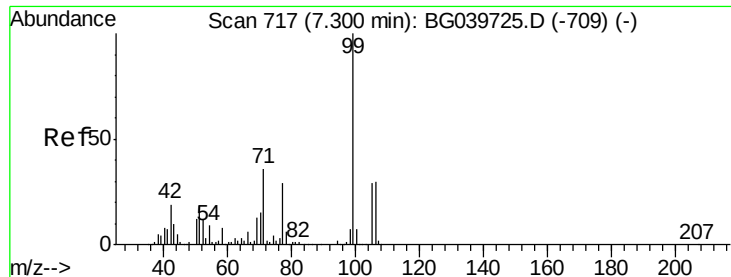
Delta R.T. -0.03 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 88328 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 42.3  | 34.2  | 51.4  |
| 65        | 22.8  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 136.071 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

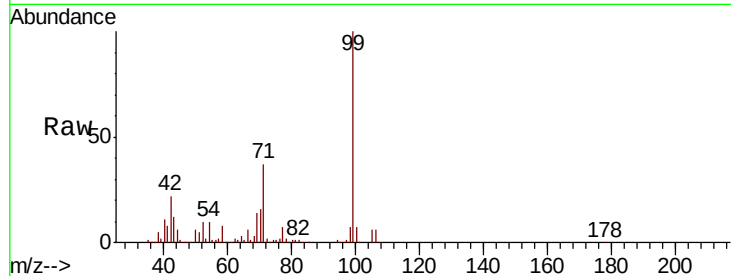
ClientSampled :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 419227 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.4  | 18.2  | 27.2   |
| 71        | 37.3  | 28.0  | 42.0   |

Manual Integrations  
APPROVED

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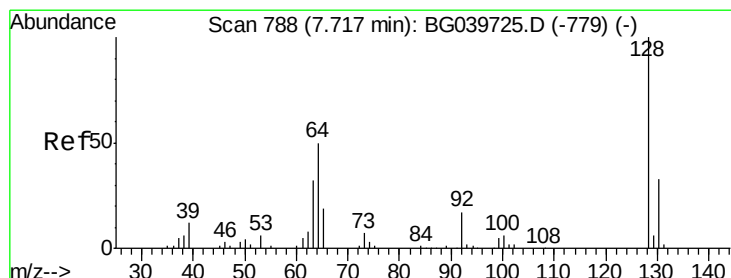
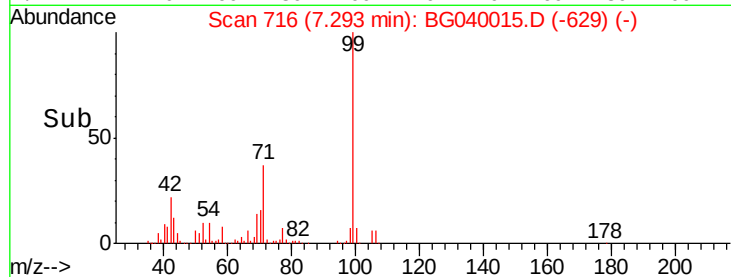
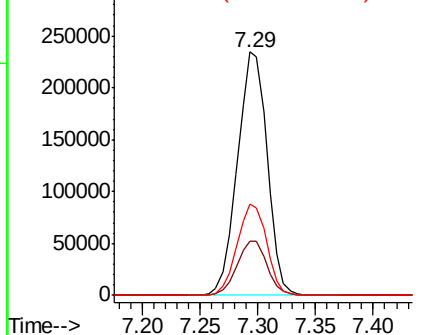


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.533 ng

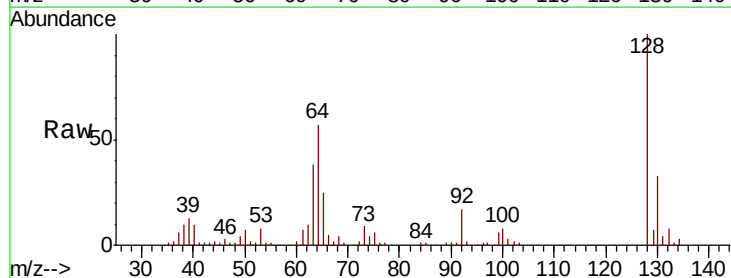
RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 101609 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.5  | 12.9  | 52.9   |
| 64        | 56.6  | 38.7  | 78.7   |

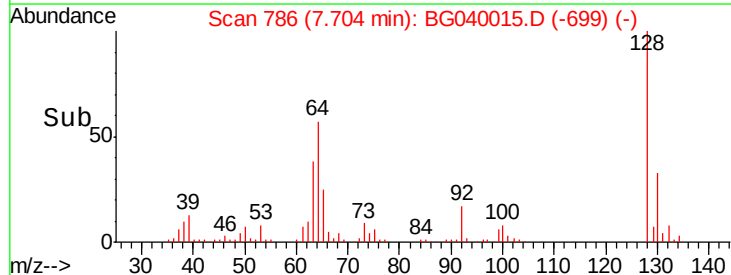
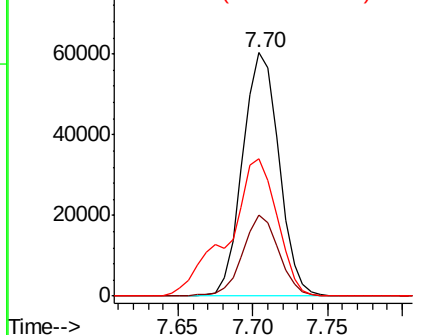


Abundance

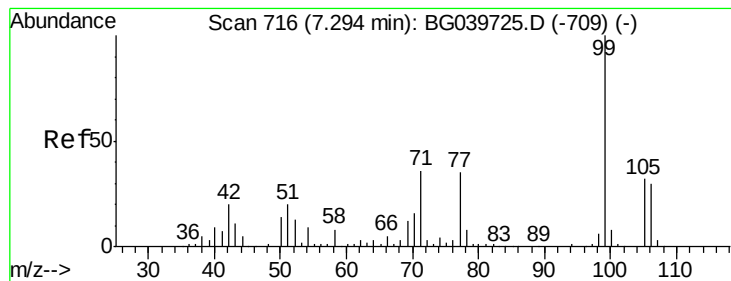
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 19.254 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

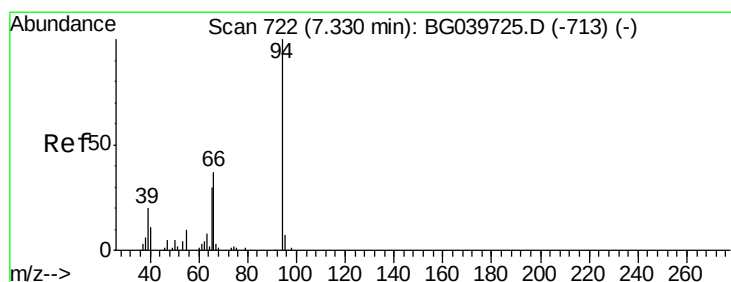
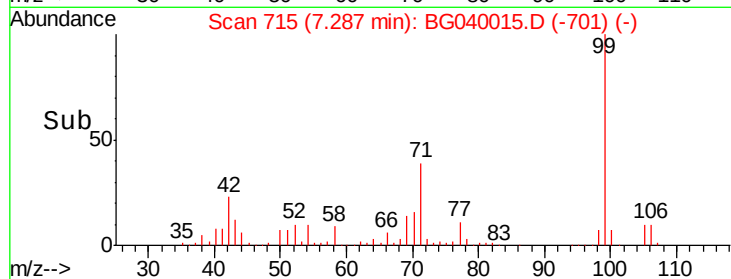
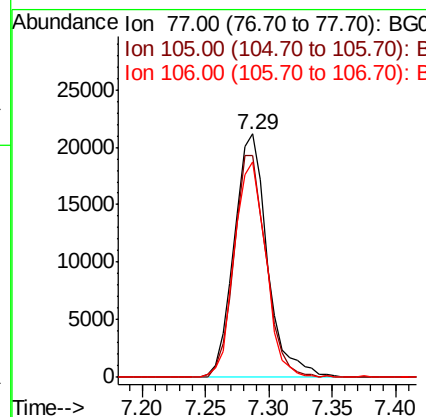
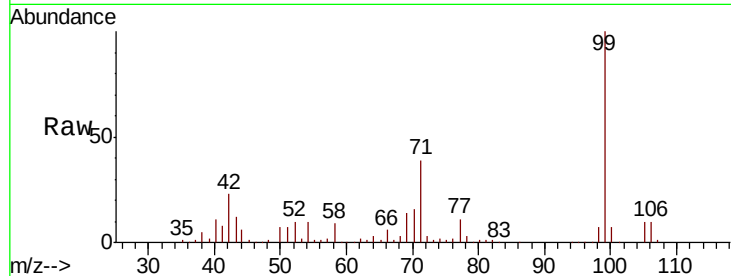
ClientSampled :

SPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 38265 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 91.4  | 74.5  | 114.5 |
| 106       | 88.3  | 68.0  | 108.0 |

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#10

Phenol

Concen: 47.958 ng

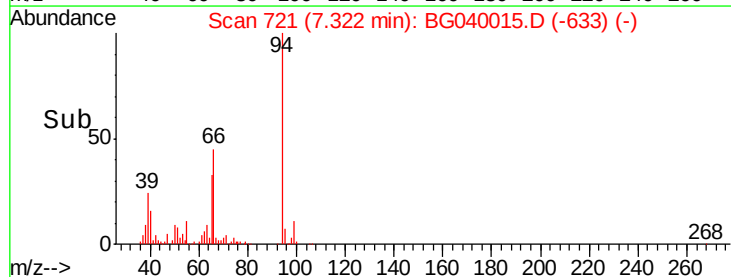
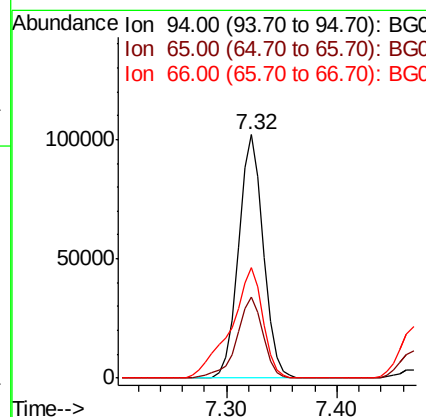
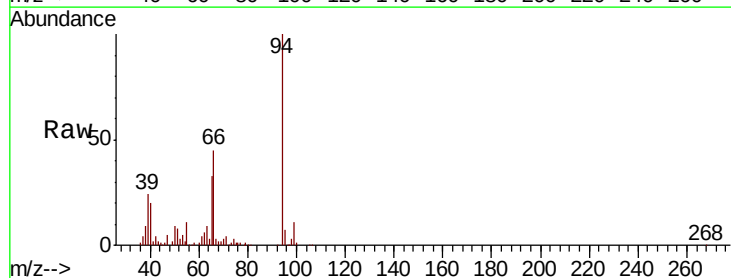
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

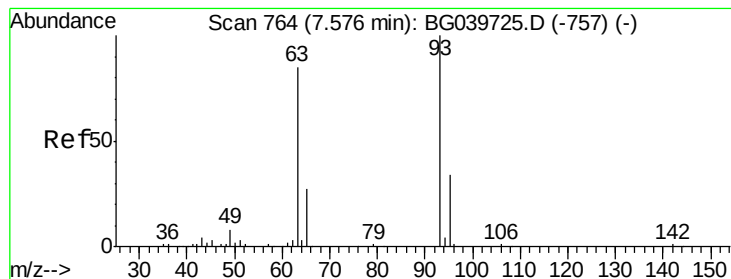
Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 160067 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.2  | 11.7  | 51.7   |
| 66        | 45.5  | 23.7  | 63.7   |







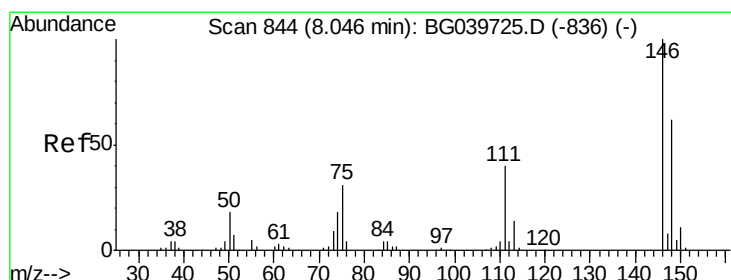
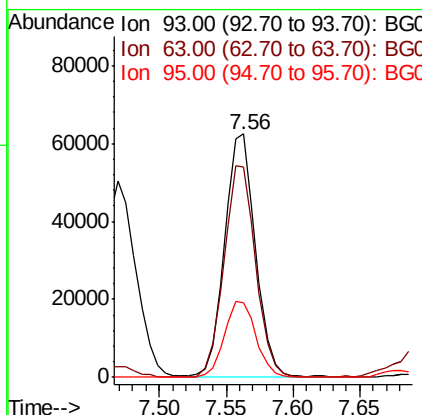
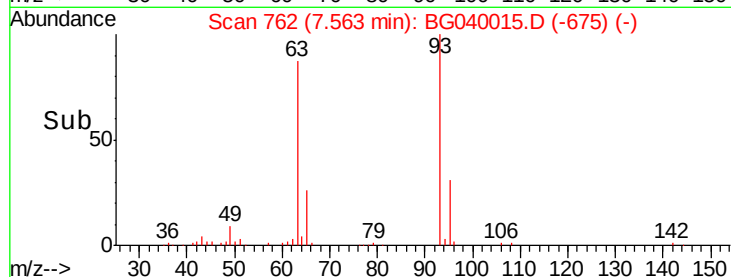
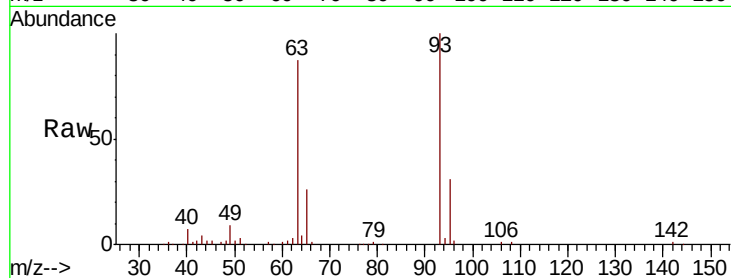
#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.955 ng  
 RT: 7.56 min Scan# 762  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.5  | 69.5  | 109.5 |
| 95      | 30.5  | 12.7  | 52.7  |

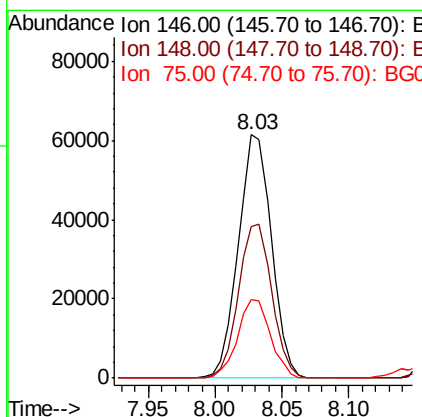
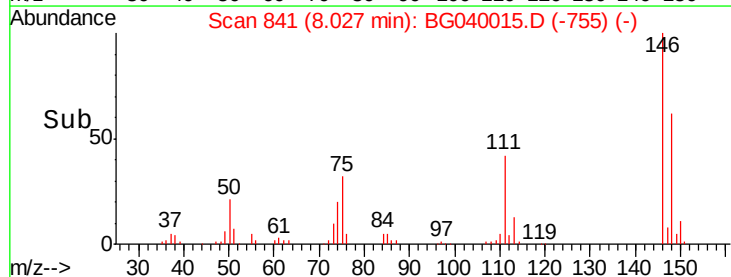
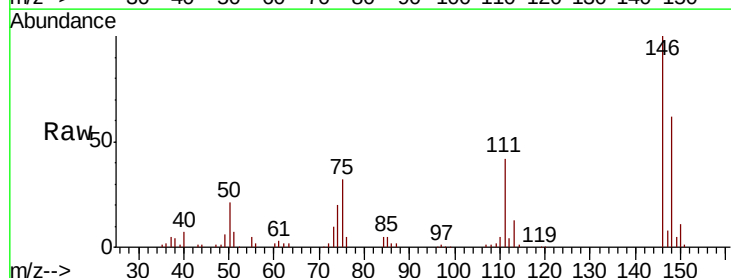
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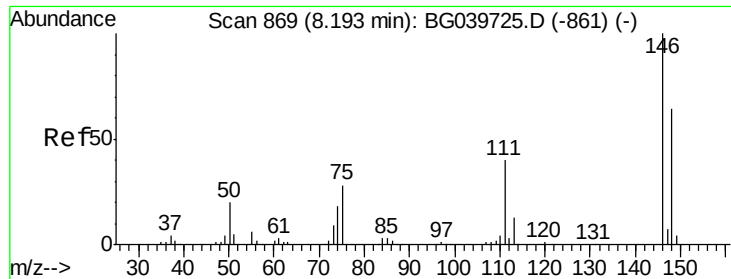
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#12  
 1,3-Dichlorobenzene  
 Concen: 37.264 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.03 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 52.6  | 79.0  |
| 75      | 32.5  | 25.8  | 38.6  |





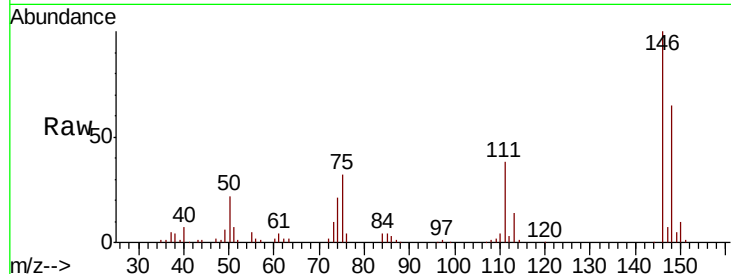
#13  
 1,4-Dichlorobenzene  
 Concen: 37.792 ng  
 RT: 8.18 min Scan# 867  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.1  | 76.7  |
| 111     | 38.0  | 32.6  | 48.8  |

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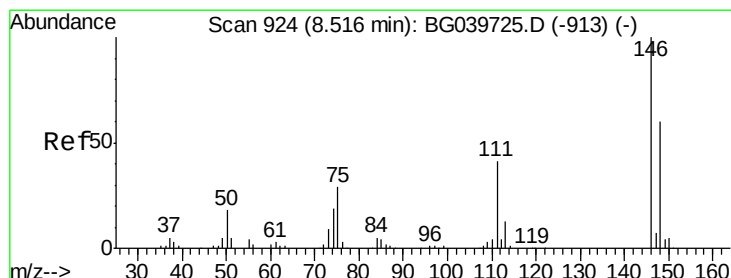
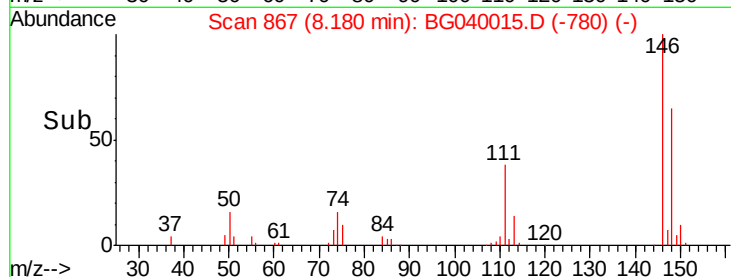
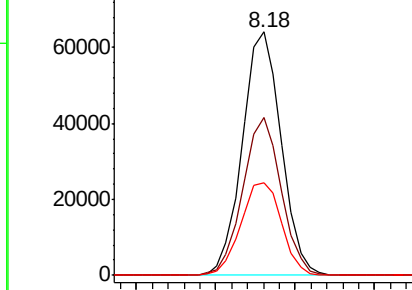


Abundance

Ion 146.00 (145.70 to 146.70): E

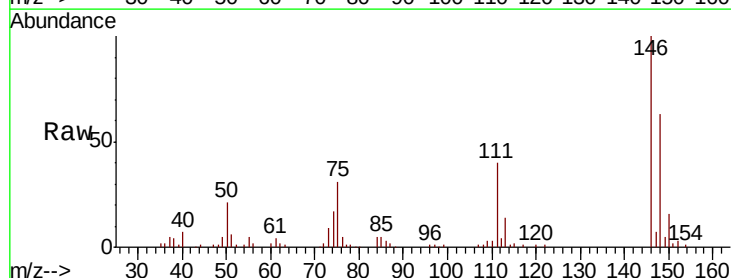
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 38.158 ng  
 RT: 8.50 min Scan# 921  
 Delta R.T. -0.03 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 51.5  | 77.3  |
| 111     | 40.3  | 33.8  | 50.6  |

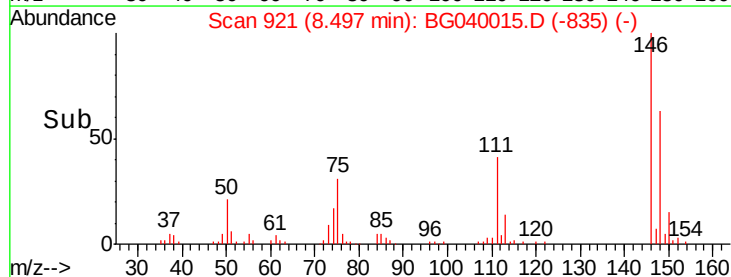
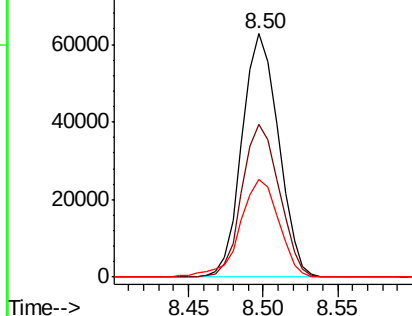


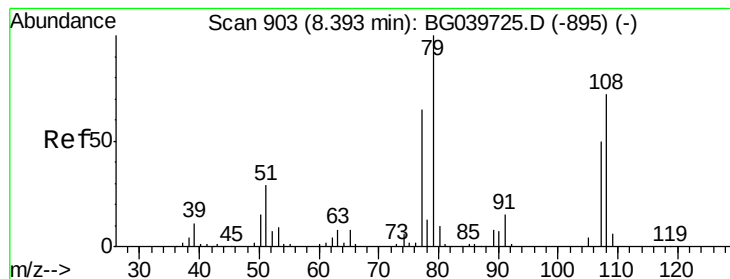
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.804 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

ClientSampled :

SPMS

Tot Ion: 79 Resp: 102167  
Ion Ratio Lower Upper

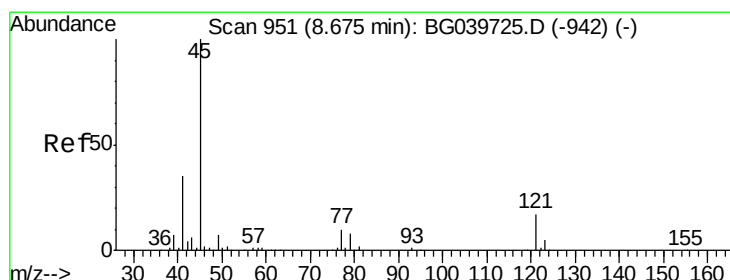
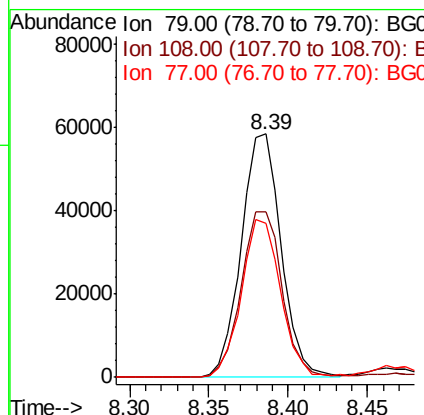
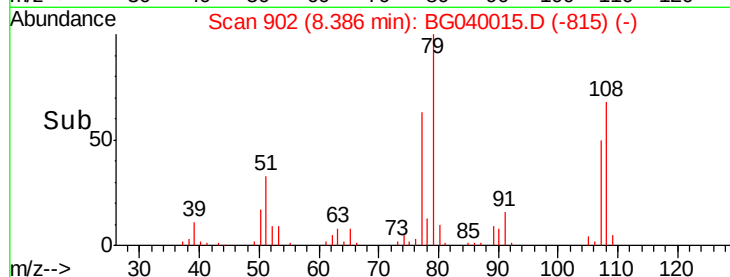
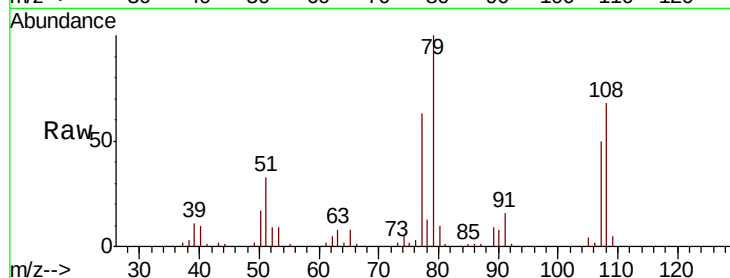
79 100

108 68.2 57.8 86.6

77 63.4 51.1 76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.415 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040015.D

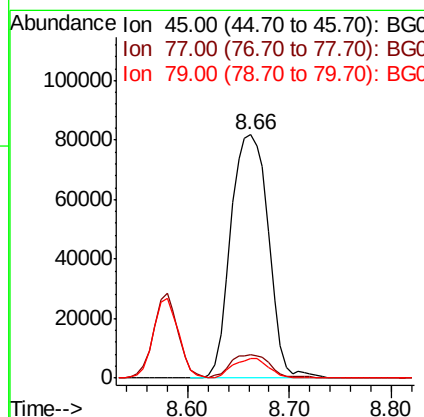
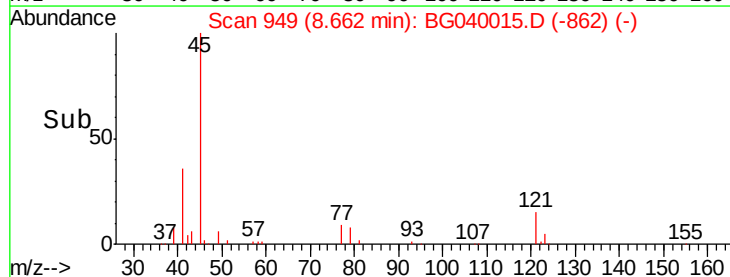
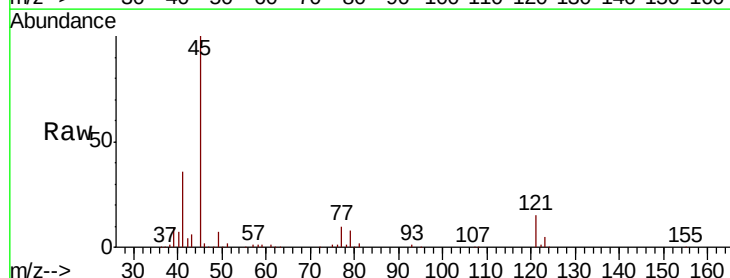
Acq: 19 Mar 2019 23:17

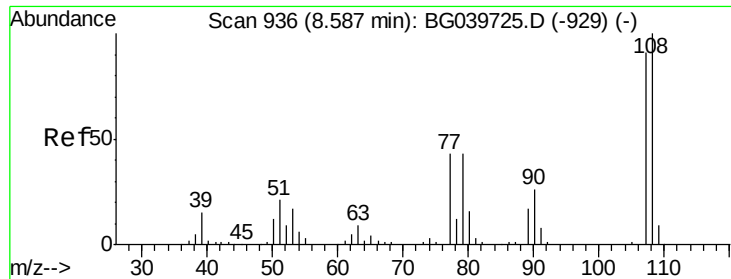
Tgt Ion: 45 Resp: 210341  
Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

79 8.3 0.0 27.5





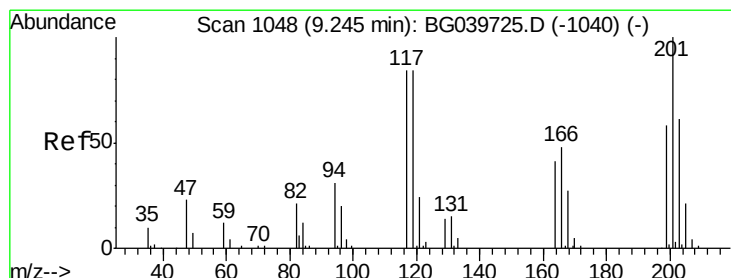
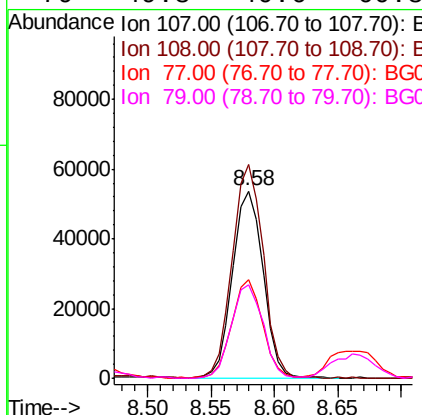
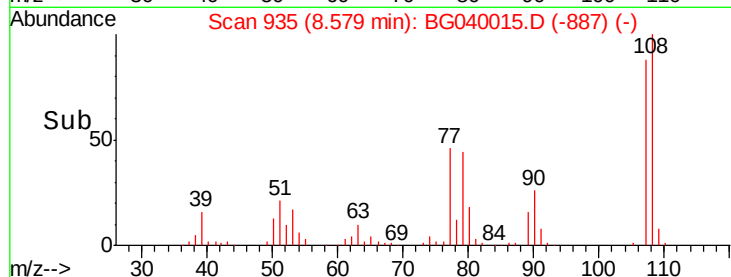
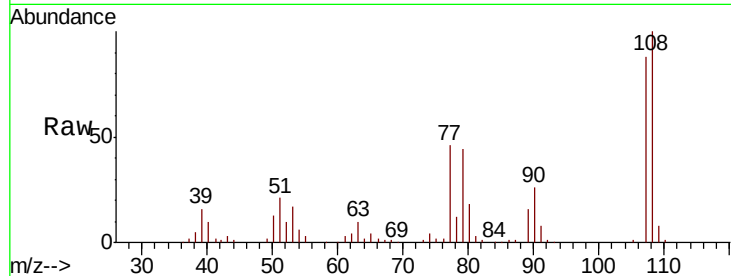
#17  
2-Methylphenol  
Concen: 42.341 ng  
RT: 8.58 min Scan# 935  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | 107   | Resp  | 90110 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 107     | 100   |       |       |
| 108     | 114.1 | 90.8  | 136.2 |
| 77      | 52.9  | 40.7  | 61.1  |
| 79      | 49.8  | 40.6  | 60.8  |

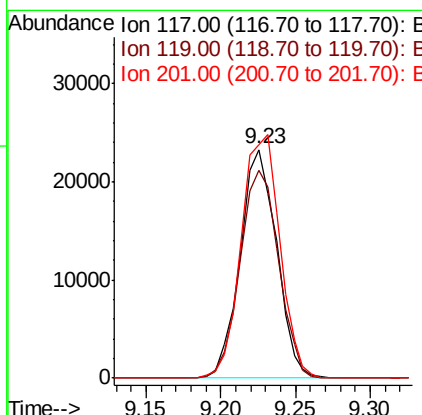
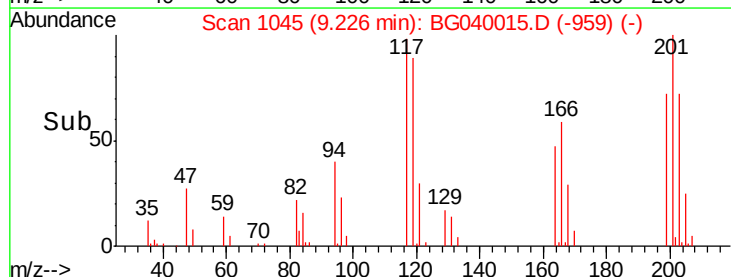
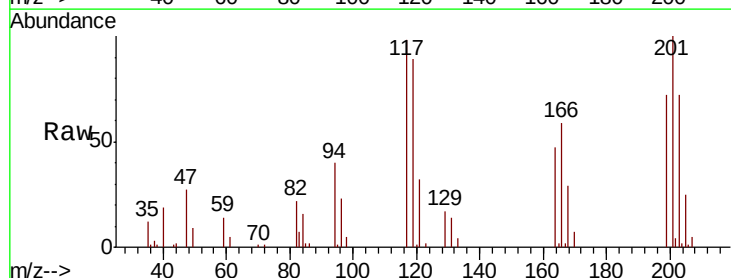
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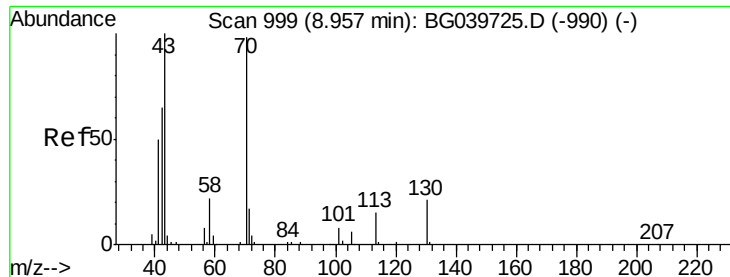
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#18  
Hexachloroethane  
Concen: 38.063 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | 117   | Resp  | 39441 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 117     | 100   |       |       |
| 119     | 90.8  | 76.3  | 114.5 |
| 201     | 102.0 | 91.1  | 136.7 |





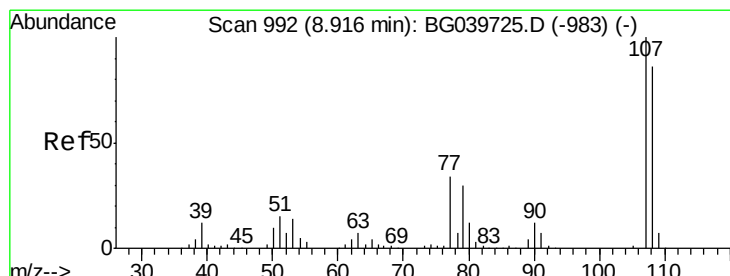
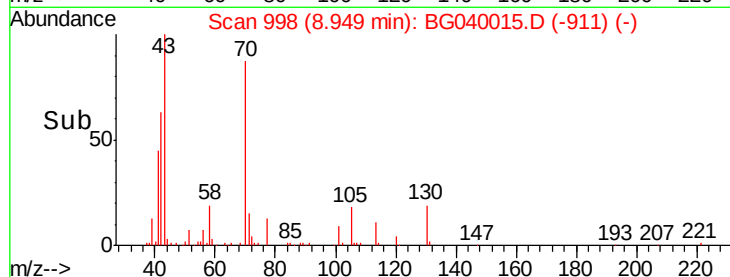
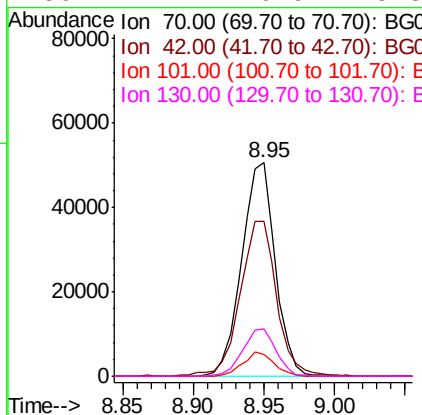
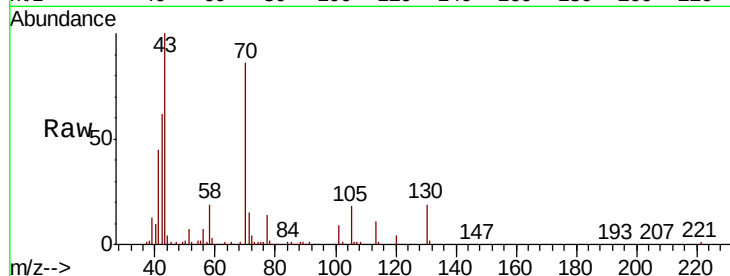
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.928 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 72.3  | 60.4  | 90.6  |
| 101     | 10.0  | 7.5   | 11.3  |
| 130     | 22.2  | 16.9  | 25.3  |

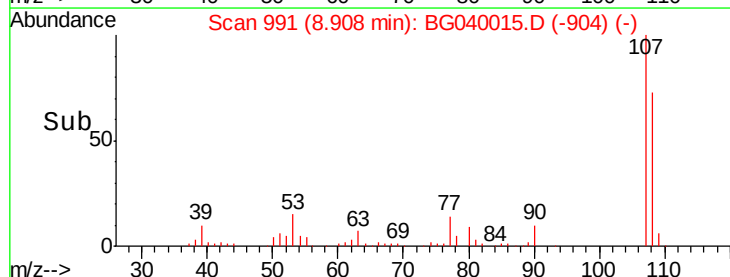
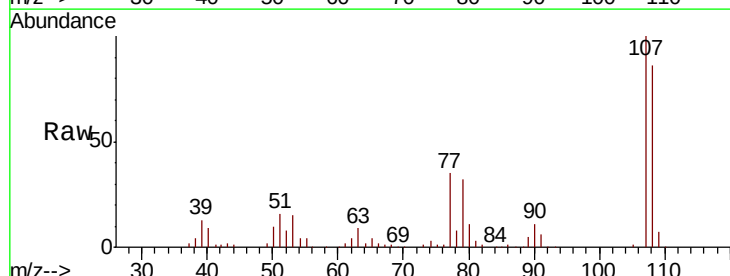
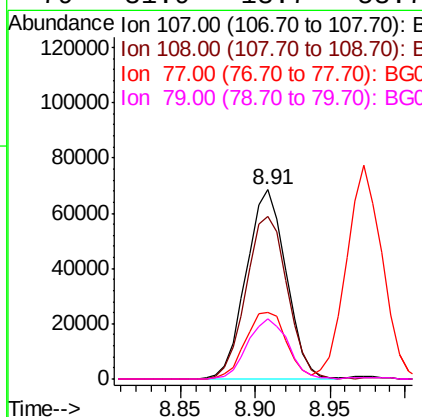
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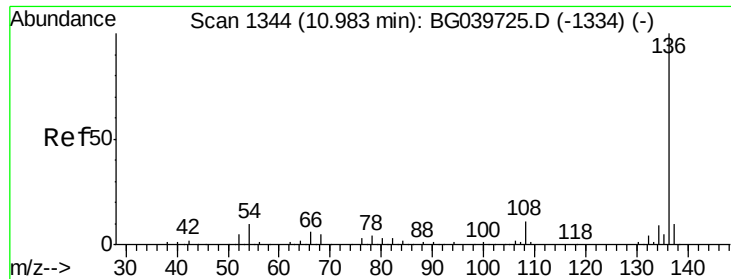
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#20  
3+4-Methylphenols  
Concen: 42.879 ng  
RT: 8.91 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.8  | 67.9  | 107.9 |
| 77      | 35.2  | 15.4  | 55.4  |
| 79      | 31.9  | 13.7  | 53.7  |





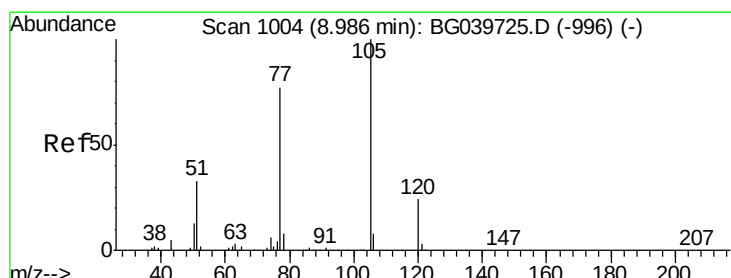
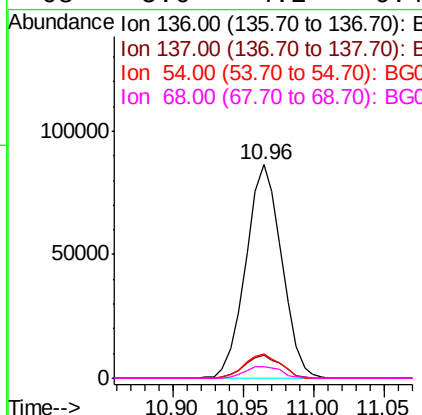
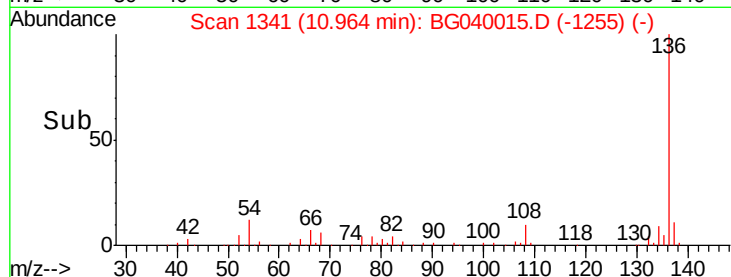
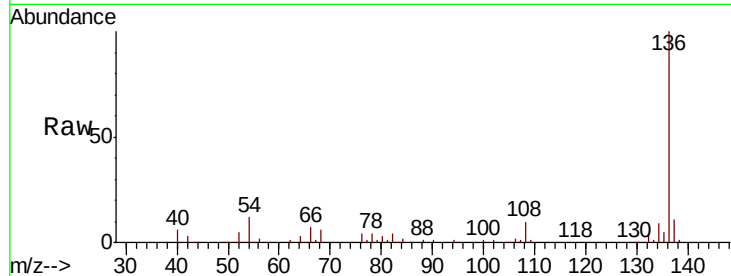
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.96 min Scan# 1341  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 153780 |       |       |
| 137     | 10.8  |        | 9.1   | 13.7  |
| 54      | 11.6  |        | 9.4   | 14.2  |
| 68      | 5.6   |        | 4.2   | 6.4   |

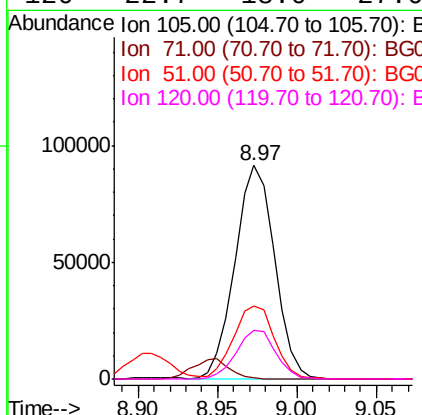
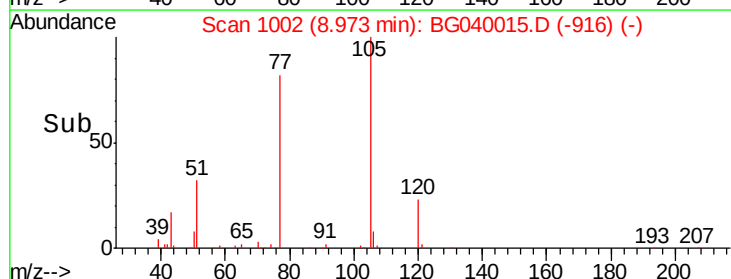
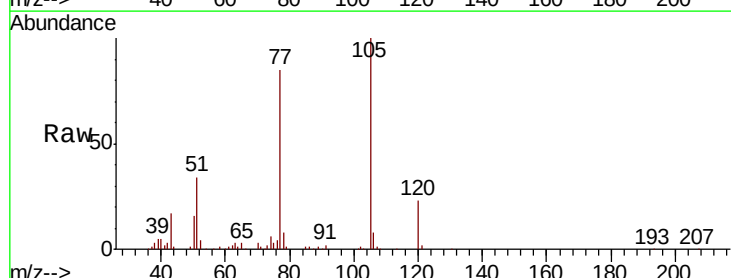
Manual Integrations  
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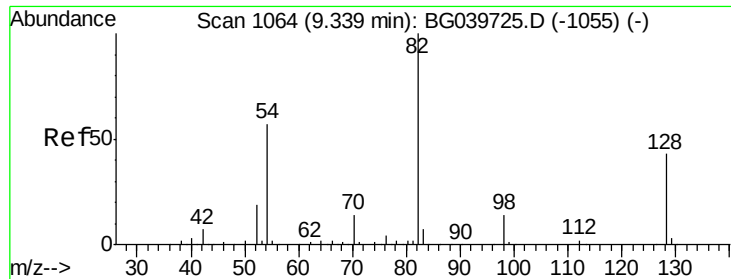
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#22  
Acetophenone  
Concen: 38.467 ng  
RT: 8.97 min Scan# 1002  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 158771 |       |       |
| 71      | 0.5   |        | 0.8   | 1.2#  |
| 51      | 33.9  |        | 30.2  | 45.2  |
| 120     | 22.7  |        | 18.0  | 27.0  |





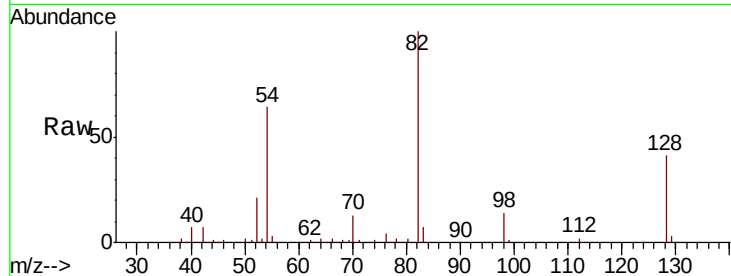
#23  
Nitrobenzene-d5  
Concen: 88.551 ng  
RT: 9.33 min Scan# 1062  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

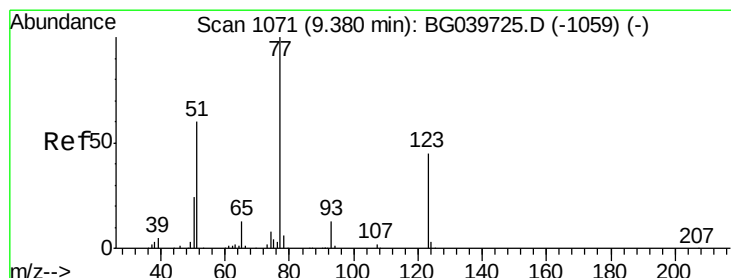
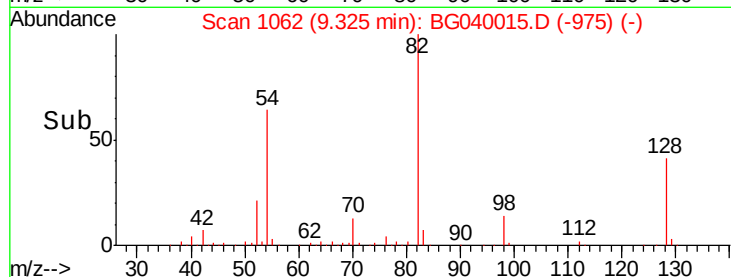
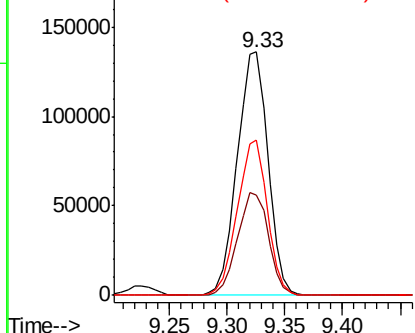
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 41.3  | 31.3 | 46.9  |       |
| 54      | 63.6  | 50.9 | 76.3  |       |

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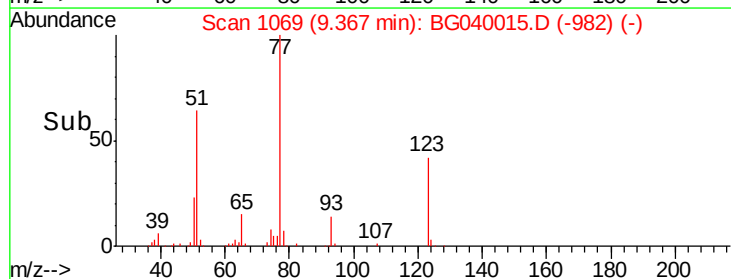
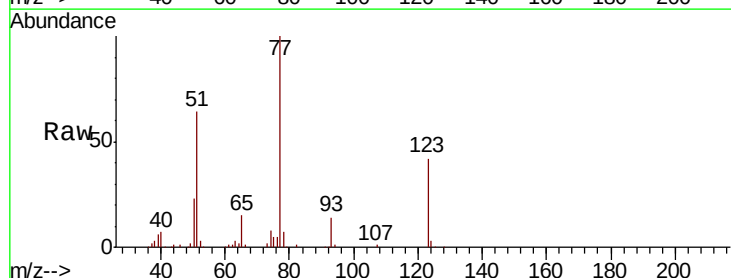
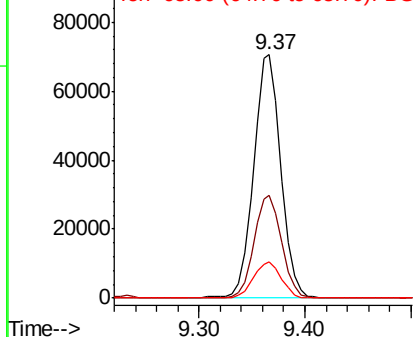
Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC



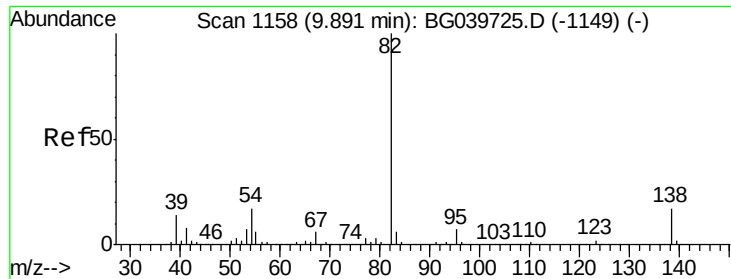
#24  
Nitrobenzene  
Concen: 42.376 ng  
RT: 9.37 min Scan# 1069  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 42.3  | 34.1 | 51.1  |       |
| 65      | 15.0  | 12.3 | 18.5  |       |

Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC







#25

Isophorone

Concen: 41.417 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

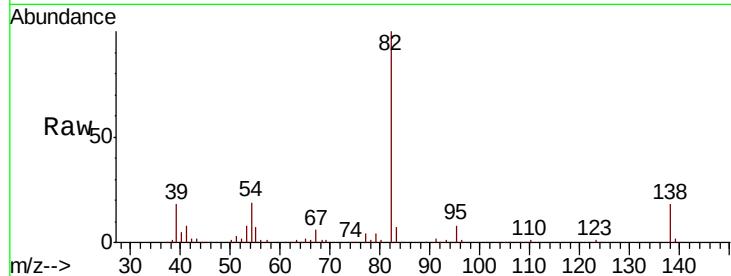
ClientSampled :

SPMS

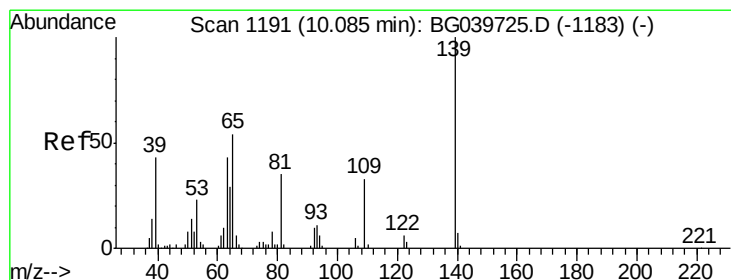
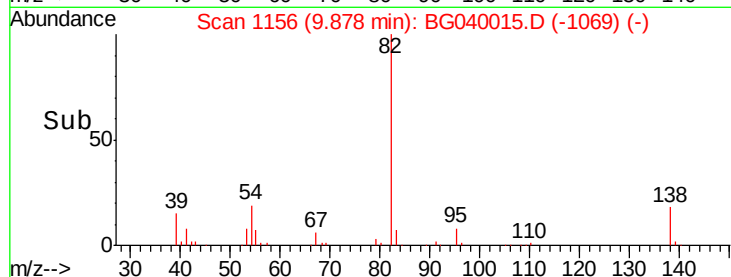
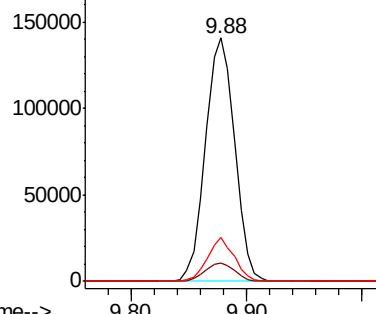
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 246749 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 6.2   | 9.2    |
| 138       | 18.0  | 13.0  | 19.4   |

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Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.652 ng

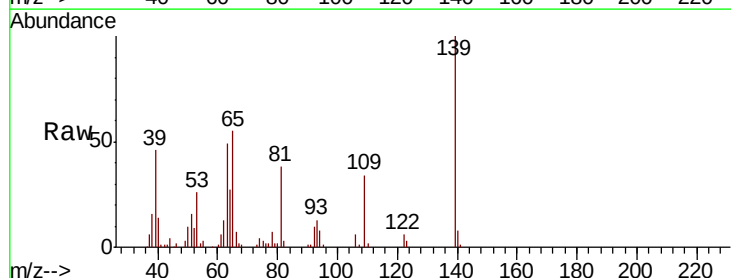
RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

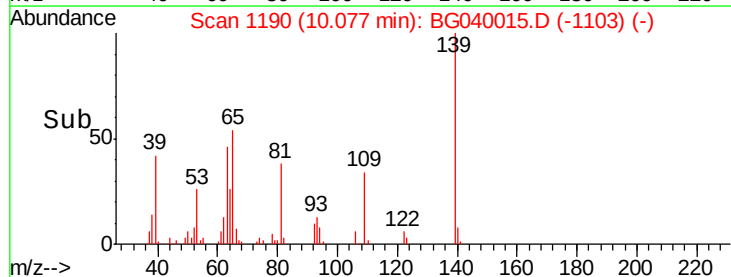
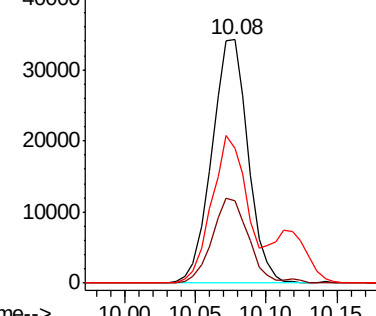
Lab File: BG040015.D

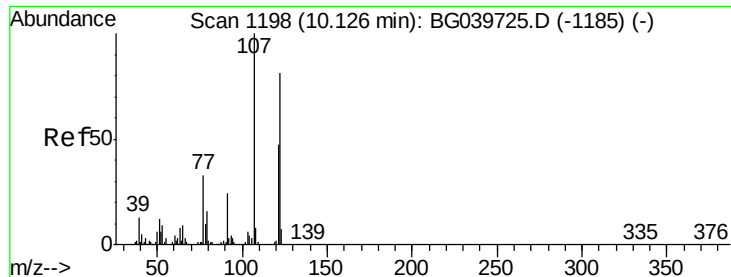
Acq: 19 Mar 2019 23:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 61427 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 33.6  | 23.4  | 35.0  |
| 65        | 55.4  | 44.3  | 66.5  |



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 47.461 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

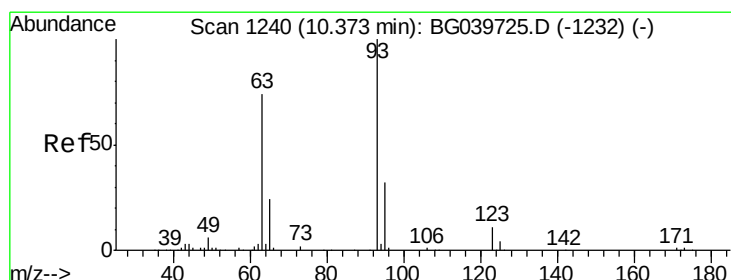
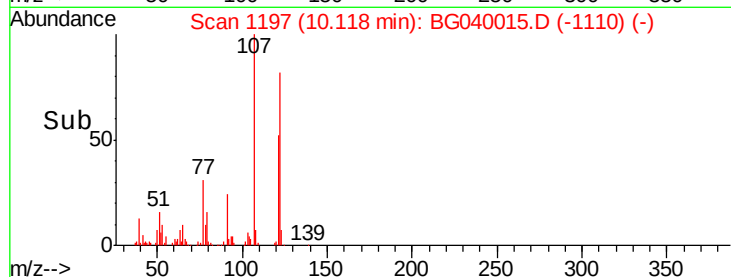
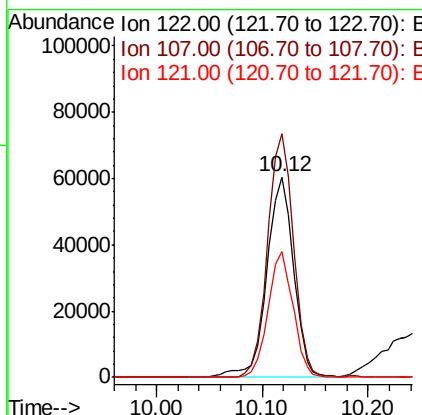
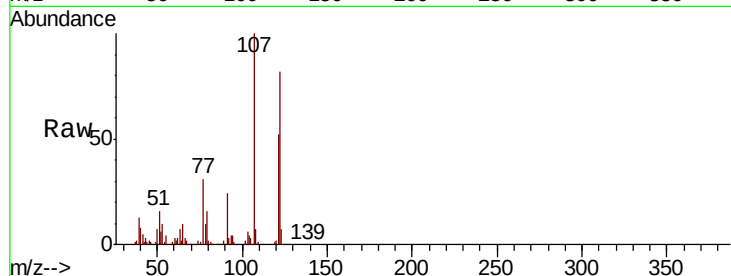
ClientSampled :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 106308 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 121.6 | 91.7  | 137.5  |
| 121       | 62.8  | 46.4  | 69.6   |

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#28

bis(2-Chloroethoxy)methane

Concen: 39.837 ng

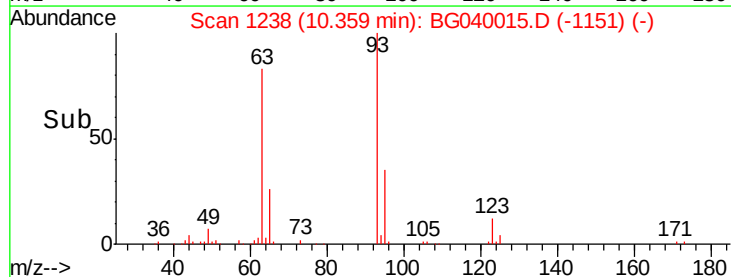
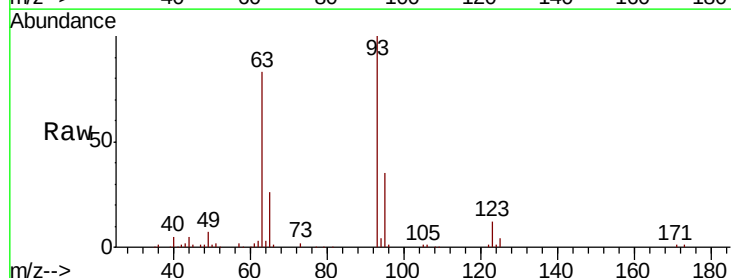
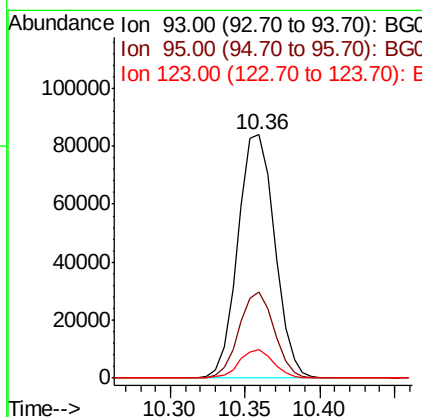
RT: 10.36 min Scan# 1238

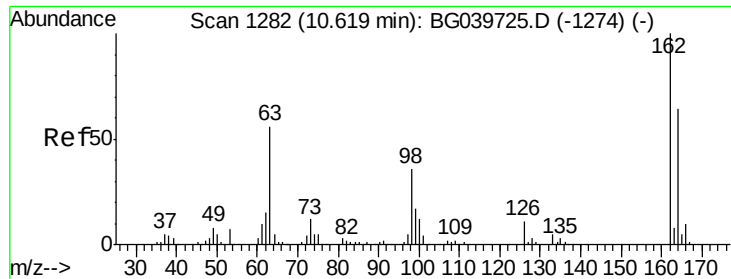
Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 144232 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 35.4  | 25.0  | 37.4   |
| 123       | 11.7  | 8.6   | 12.8   |





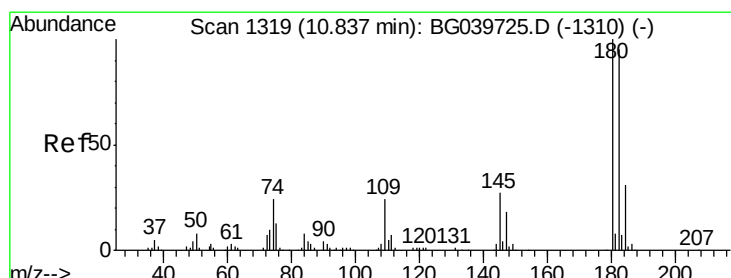
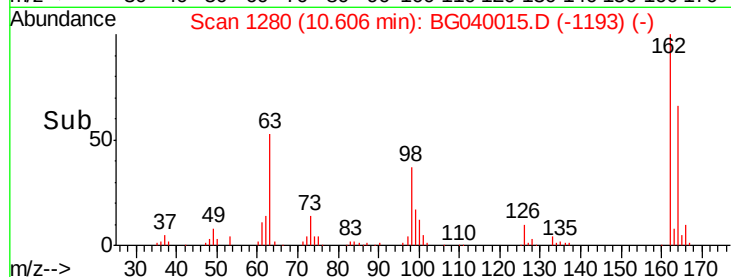
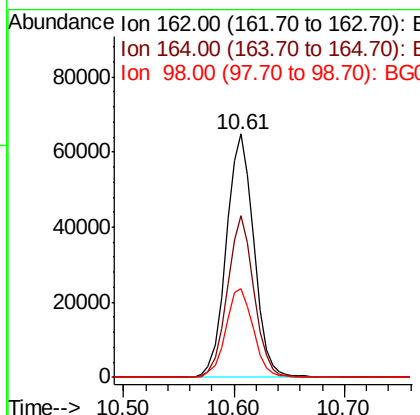
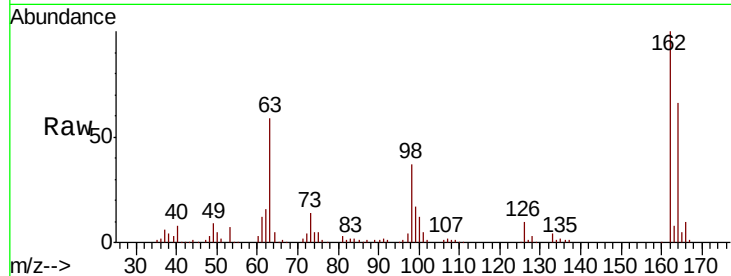
#29  
 2,4-Dichlorophenol  
 Concen: 44.987 ng  
 RT: 10.61 min Scan# 1280  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 113452 |       |       |
| 164     | 66.3  | 48.1   | 88.1  |       |
| 98      | 36.7  | 18.1   | 58.1  |       |

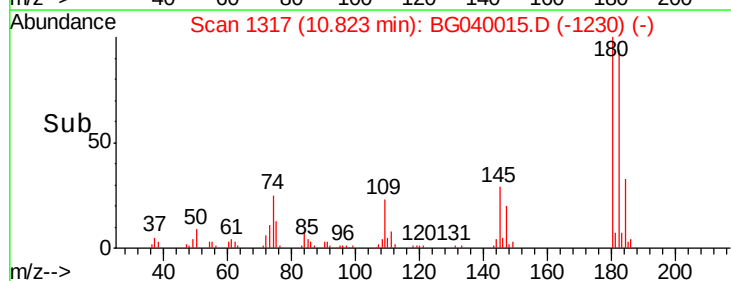
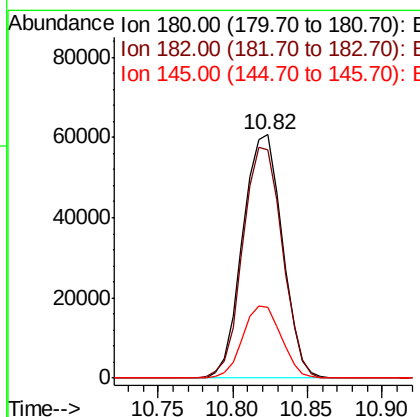
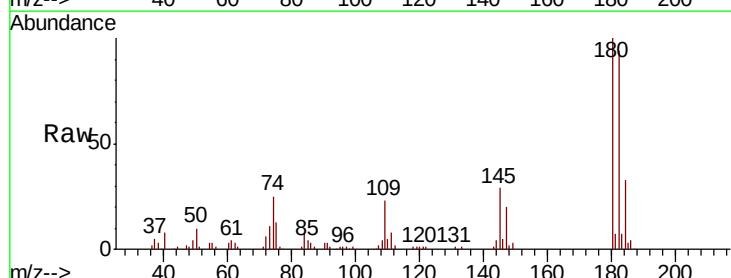
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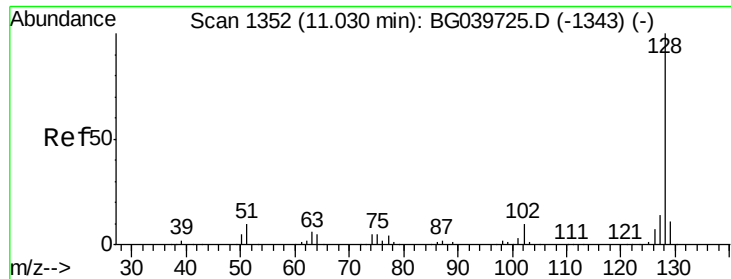
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.393 ng  
 RT: 10.82 min Scan# 1317  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 111787 |       |       |
| 182     | 94.0  | 76.0   | 114.0 |       |
| 145     | 29.0  | 22.7   | 34.1  |       |





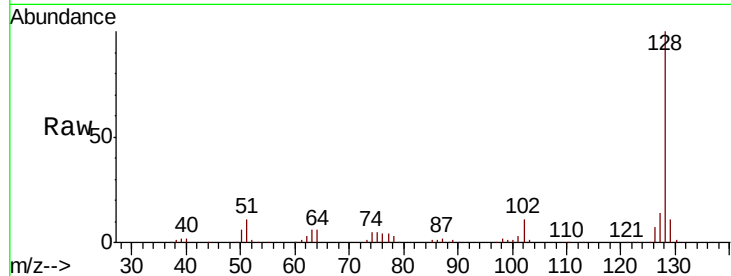
#31  
Naphthalene  
Concen: 40.374 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.7   | 13.1  |
| 127     | 13.6  | 10.8  | 16.2  |

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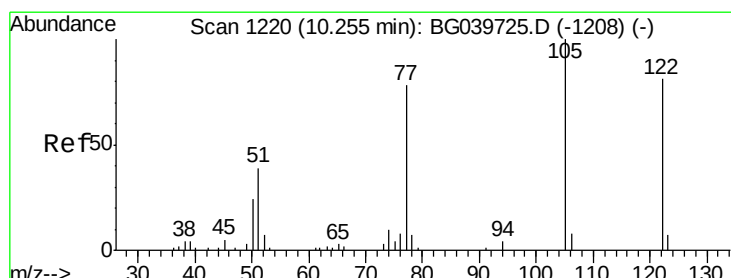
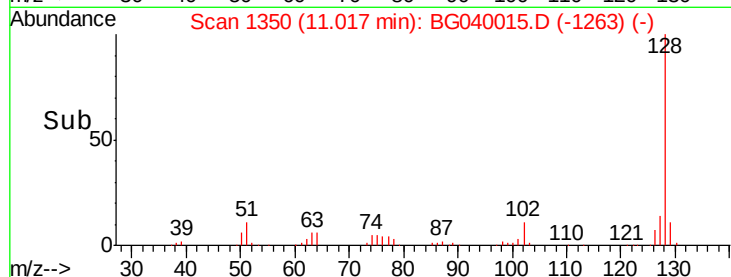
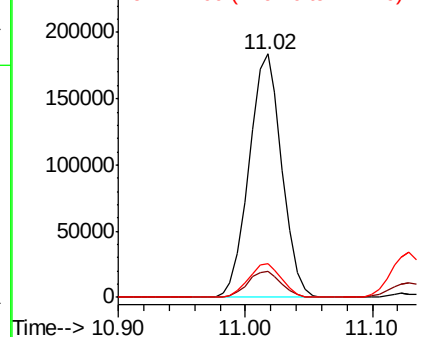


Abundance

Ion 128.00 (127.70 to 128.70): E

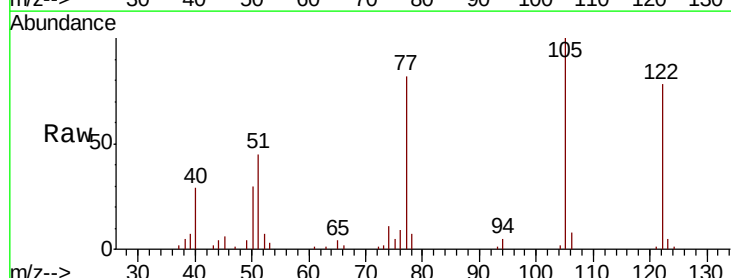
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 29.064 ng  
RT: 10.24 min Scan# 1218  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.7 | 101.8 | 141.8 |
| 77      | 104.1 | 76.3  | 116.3 |

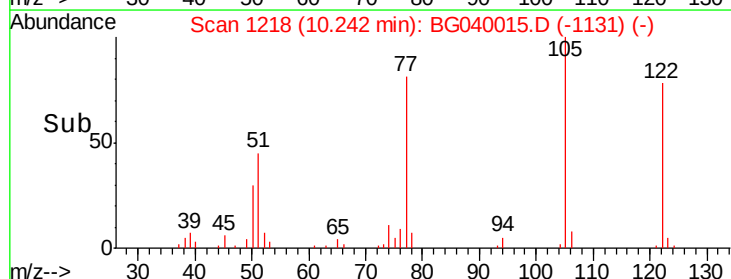
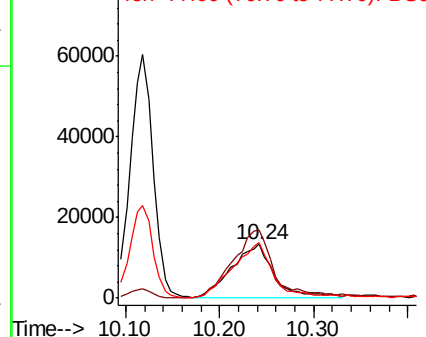


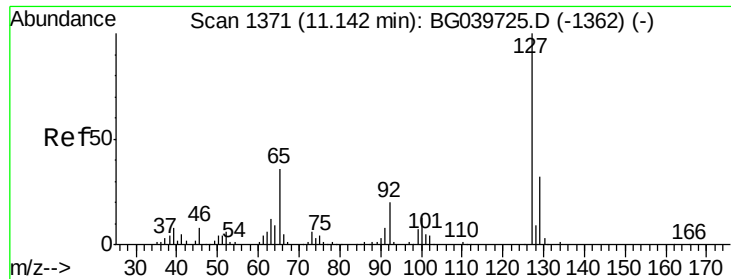
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





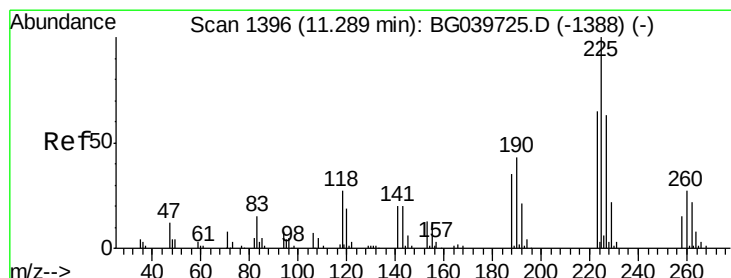
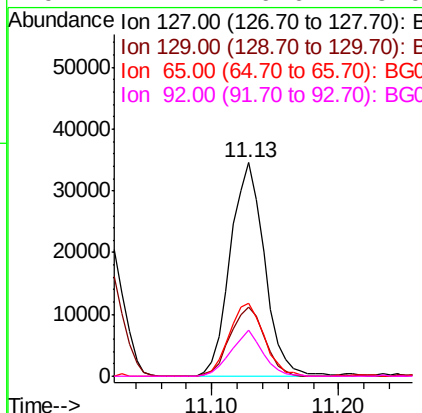
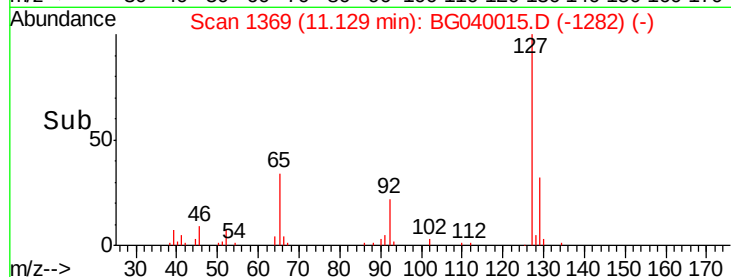
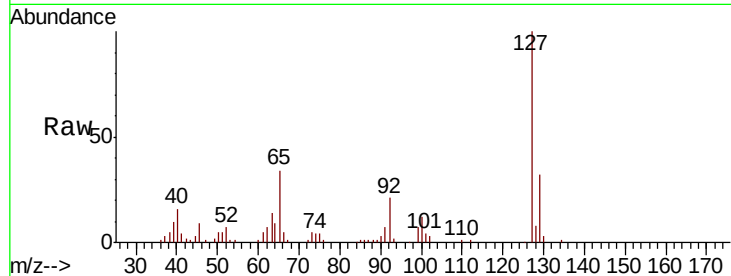
#33  
4-Chloroaniline  
Concen: 18.720 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 64632 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.4  | 27.0  | 40.4  |
| 65        | 33.9  | 28.8  | 43.2  |
| 92        | 21.4  | 16.6  | 25.0  |

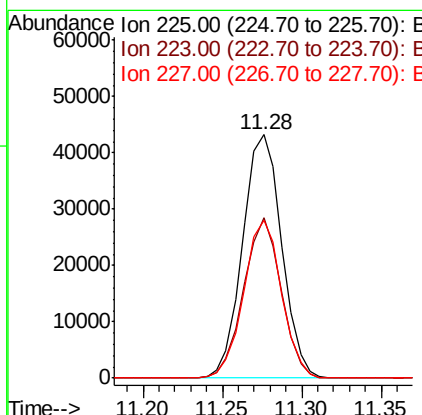
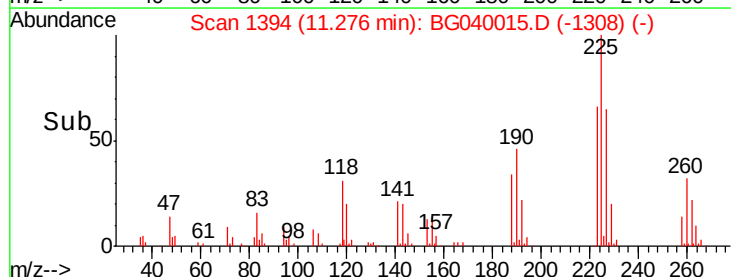
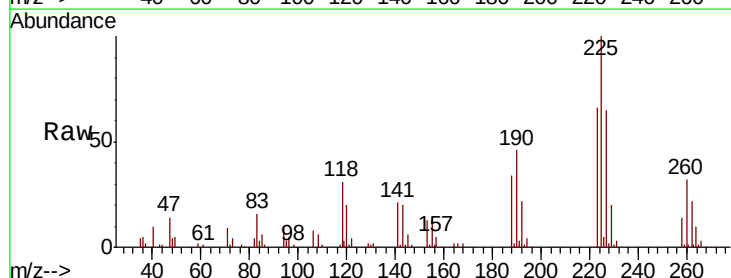
Manual Integrations  
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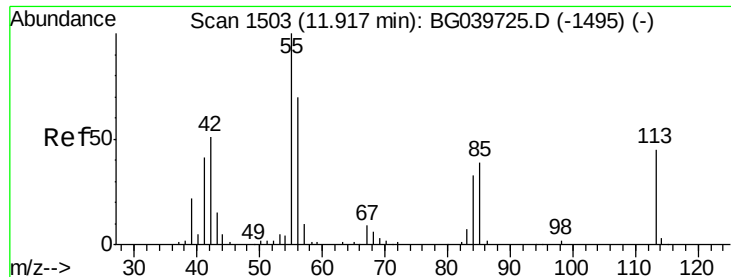
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#34  
Hexachlorobutadiene  
Concen: 38.147 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 73973 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 65.7  | 49.0  | 73.6  |
| 227       | 64.8  | 46.3  | 69.5  |





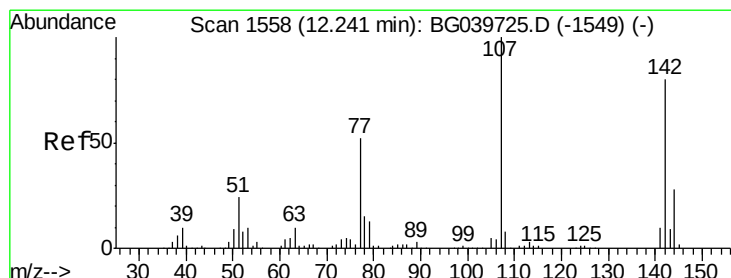
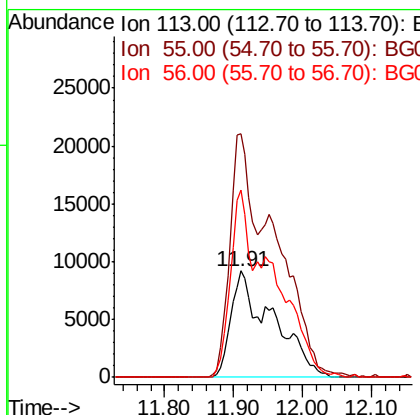
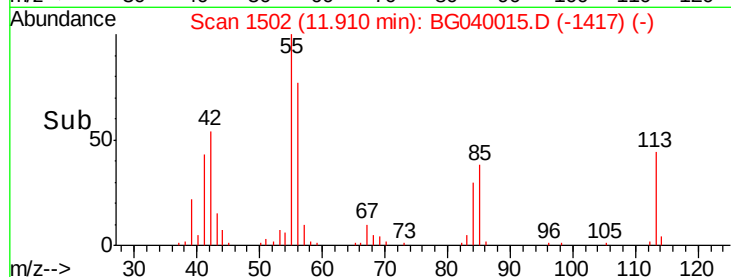
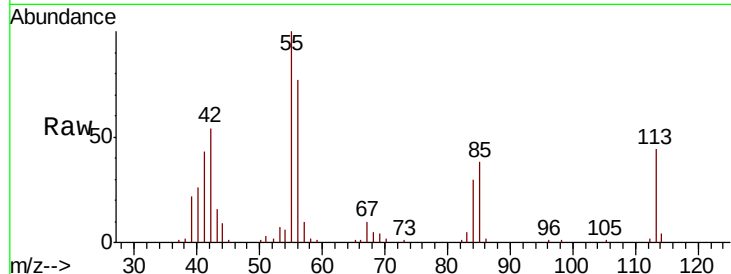
#35  
 Caprolactam  
 Concen: 39.918 ng/ml  
 RT: 11.91 min Scan# 1502  
 Delta R.T. -0.03 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 229.2 | 216.9 | 256.9 |
| 56      | 176.1 | 152.6 | 192.6 |

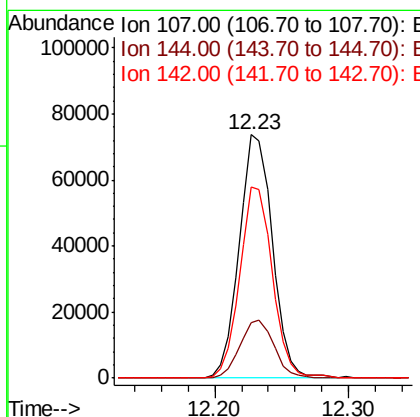
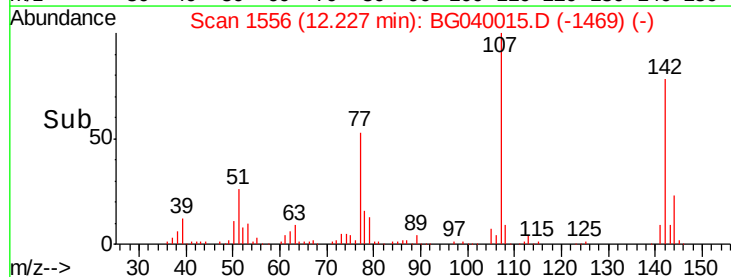
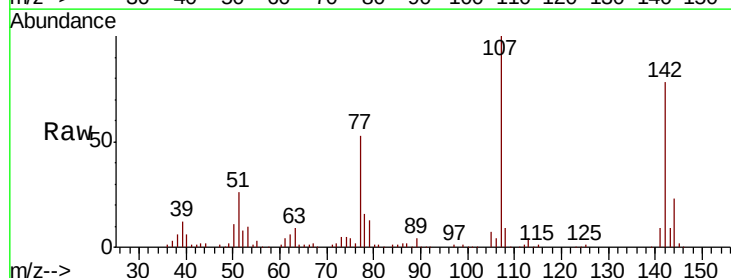
Manual Integrations  
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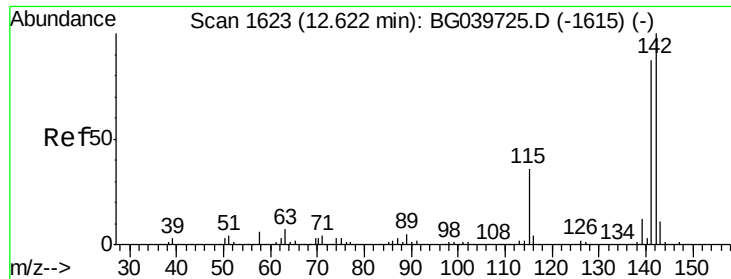
Sohil  
 3/20/2019 4:59:20 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.820 ng  
 RT: 12.23 min Scan# 1556  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.0  | 20.2  | 30.2  |
| 142     | 78.4  | 61.4  | 92.2  |





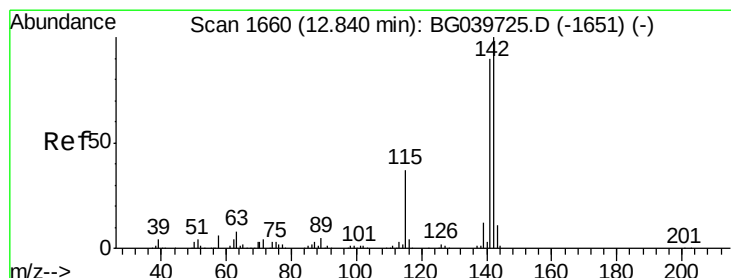
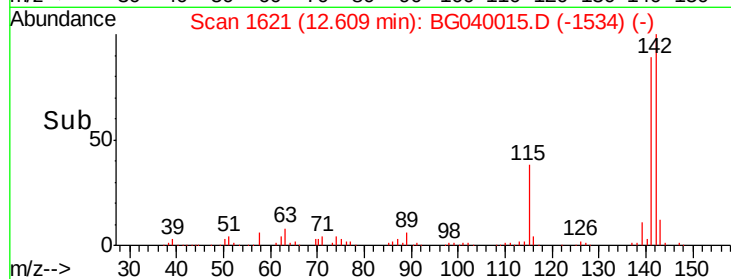
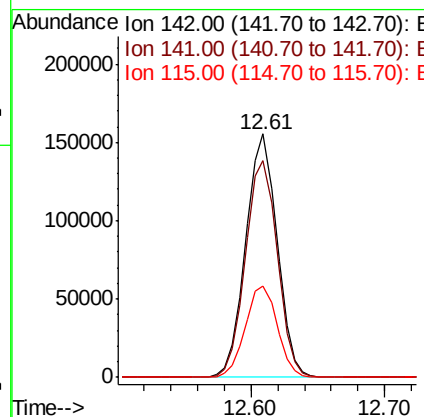
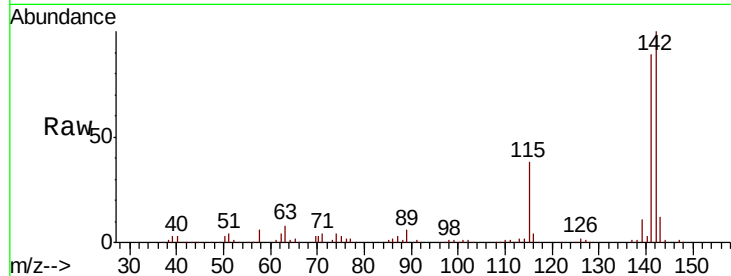
#37  
2-Methylnaphthalene  
Concen: 41.371 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 73.5  | 110.3 |
| 115     | 37.6  | 30.8  | 46.2  |

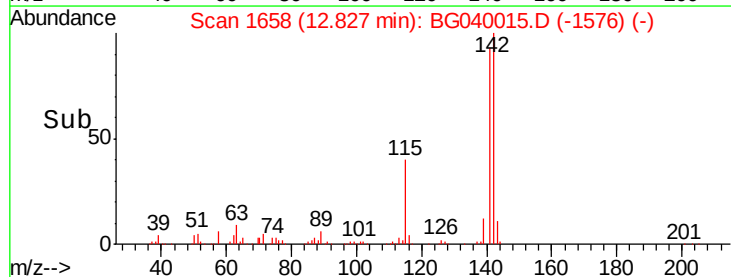
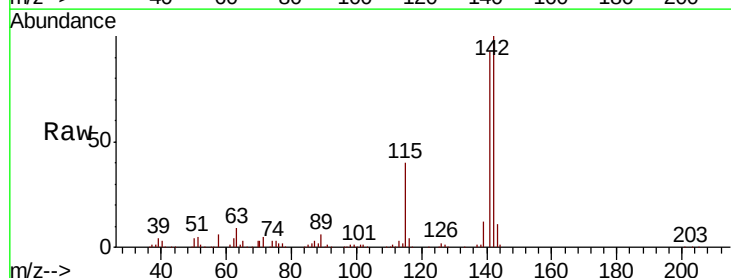
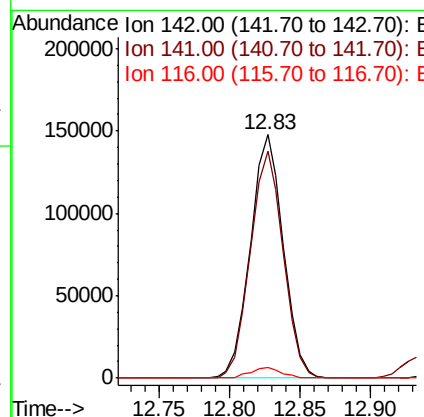
Manual Integrations  
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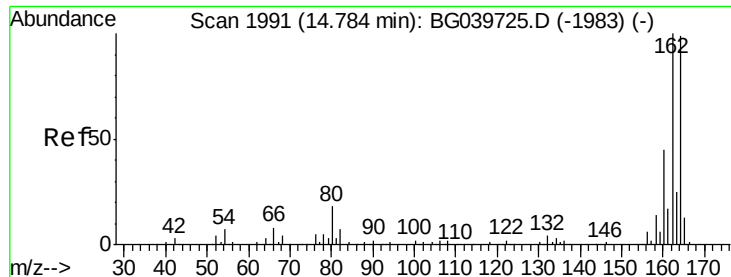
Sohil  
3/20/2019 4:59:20 PM



#38  
1-Methylnaphthalene  
Concen: 40.785 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.1  | 74.2  | 111.4 |
| 116     | 4.4   | 3.0   | 4.6   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

SPMS

Tot Ion:164 Resp: 103576

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

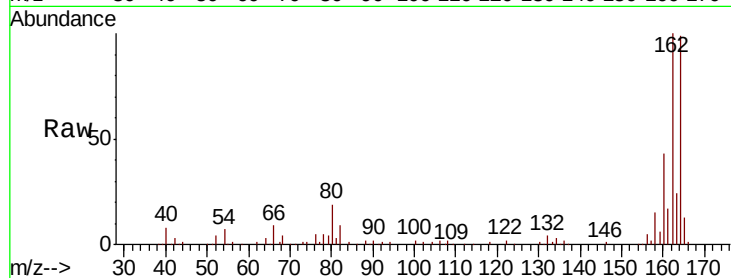
160 43.5 34.2 51.2

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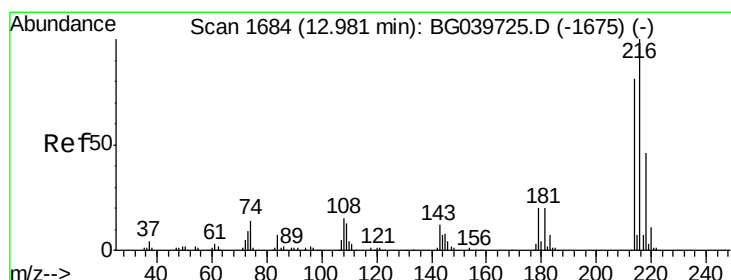
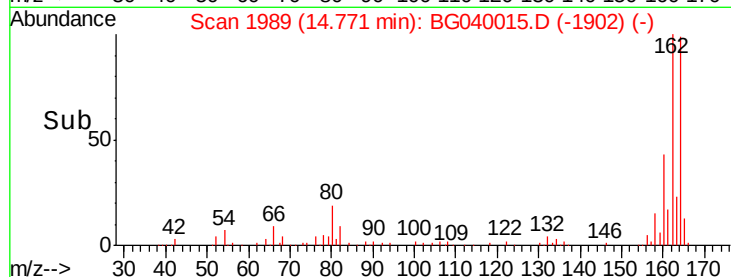
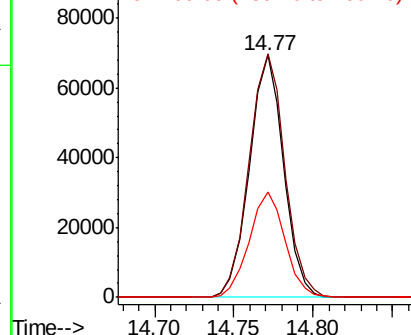


Abundance

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: 39.078 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Tgt Ion:216 Resp: 137121

Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 21.4 16.6 25.0

108 19.6 14.0 21.0

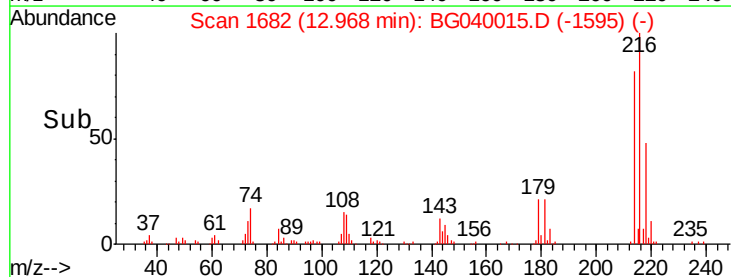
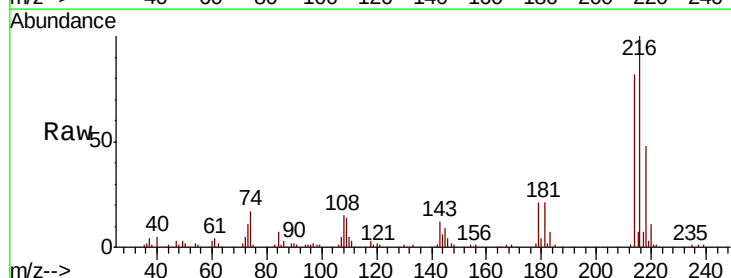
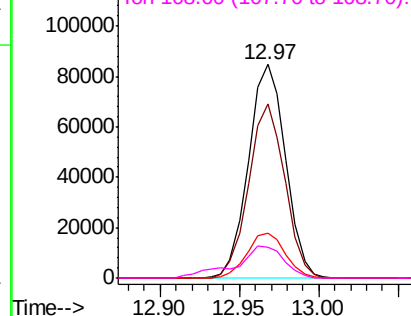
Abundance

Ion 216.00 (215.70 to 216.70): E

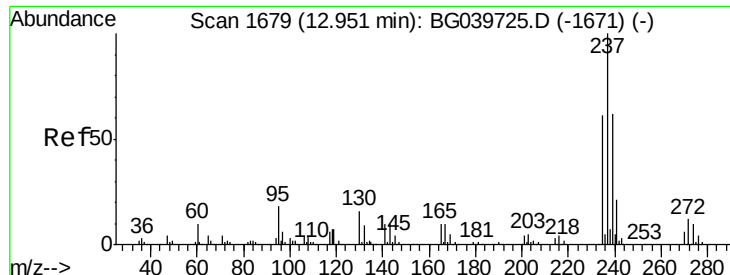
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 97.468 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

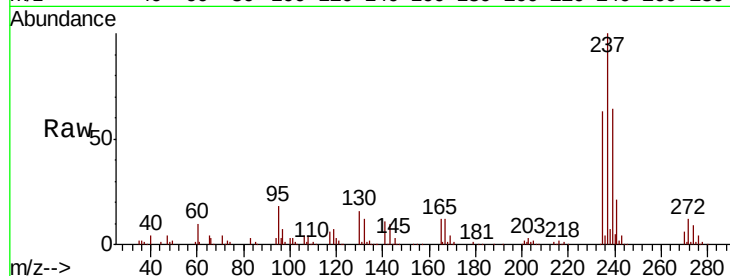
ClientSampled :

SPMS

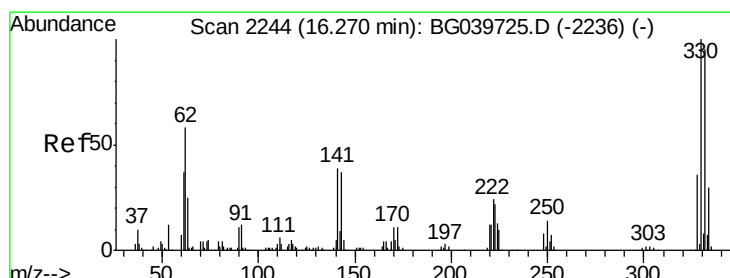
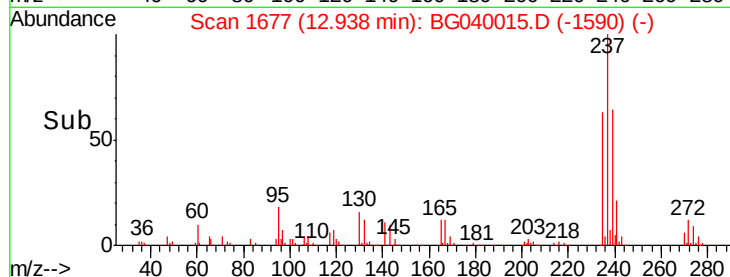
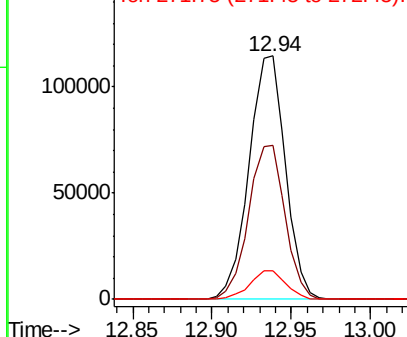
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 183281 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 43.3  | 83.3   |
| 272       | 11.7  | 0.0   | 32.3   |

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



#42

2,4,6-Tribromophenol

Concen: 133.039 ng

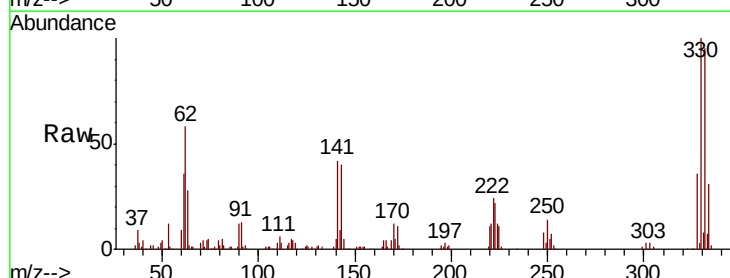
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

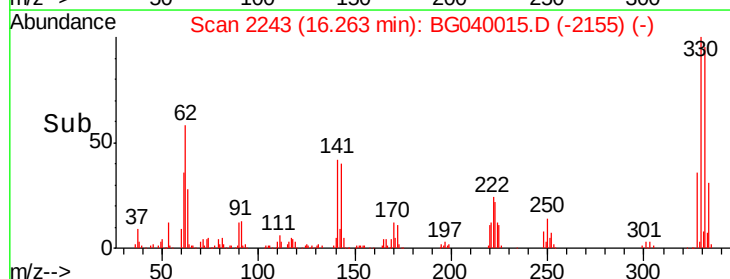
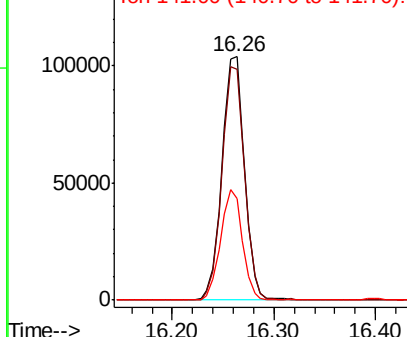
Lab File: BG040015.D

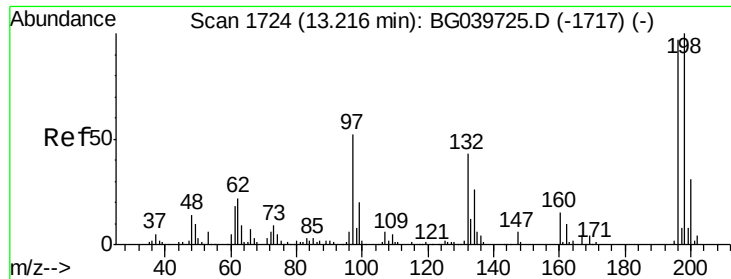
Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 160612 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.9  | 75.7  | 113.5  |
| 141       | 43.9  | 35.6  | 53.4   |



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





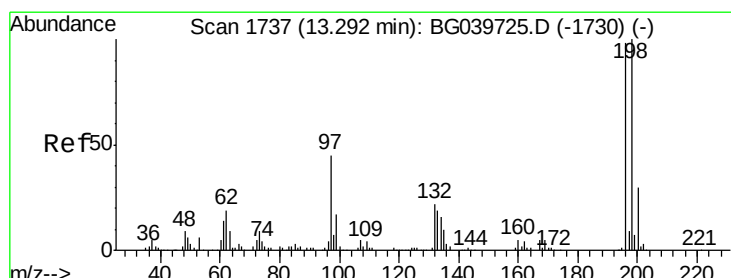
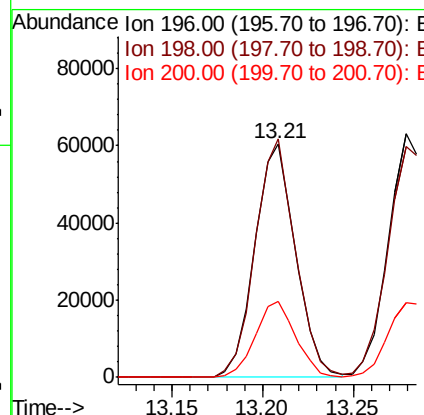
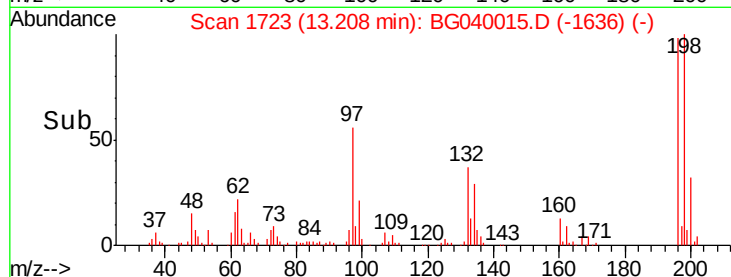
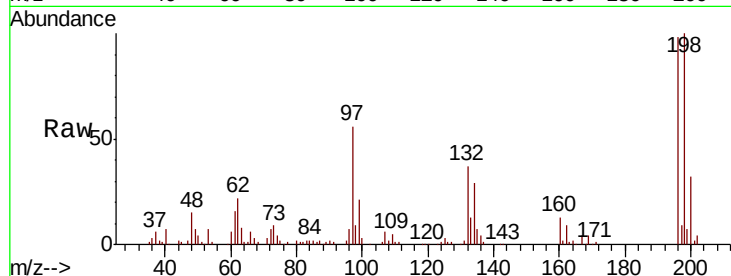
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.261 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 95033 |       |       |
| 198     | 102.1 | 80.6  | 121.0 |       |
| 200     | 32.7  | 26.1  | 39.1  |       |

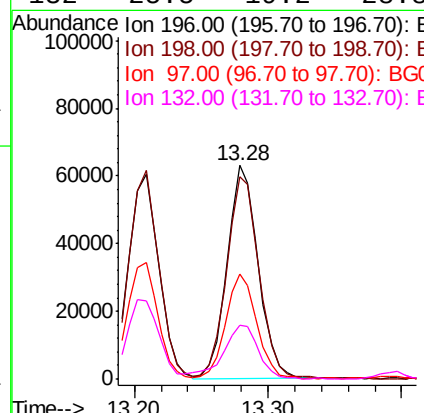
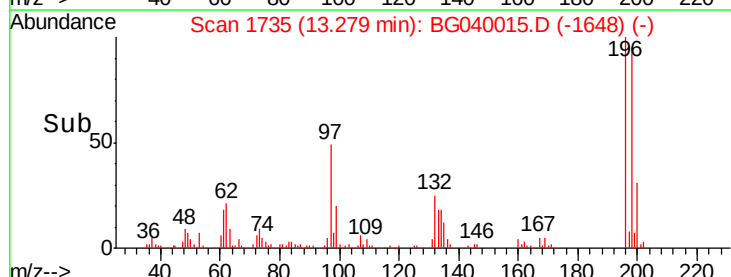
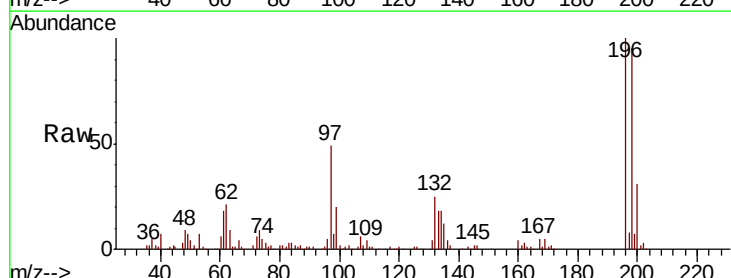
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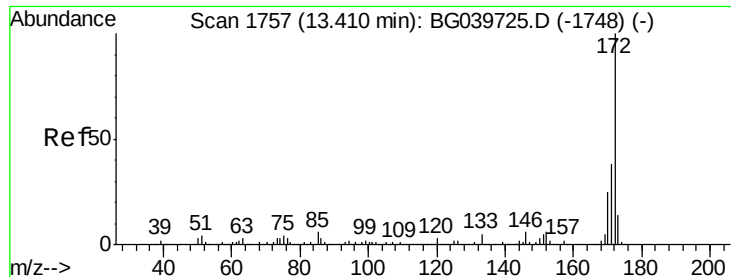
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#44  
 2,4,5-Trichlorophenol  
 Concen: 44.365 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 102731 |       |       |
| 198     | 94.7  | 78.5   | 117.7 |       |
| 97      | 49.4  | 38.4   | 57.6  |       |
| 132     | 25.5  | 19.2   | 28.8  |       |





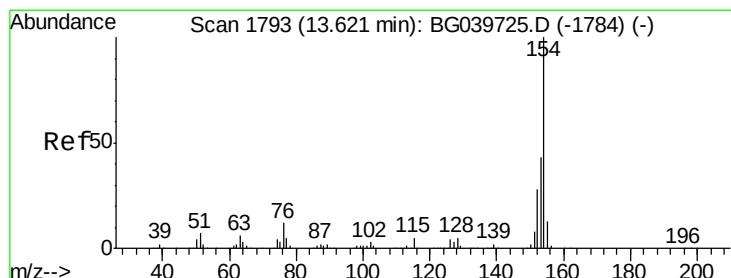
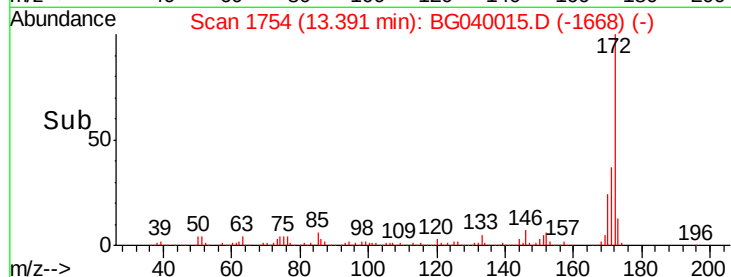
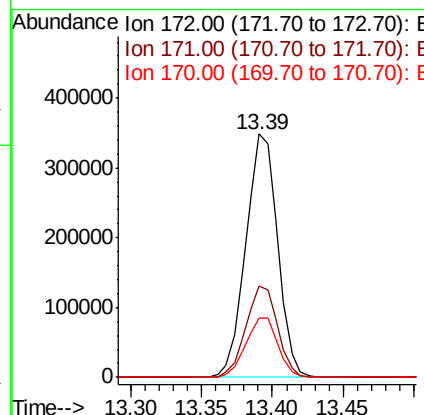
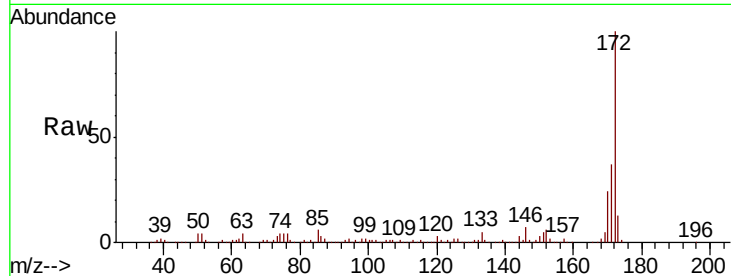
#45  
2-Fluorobiphenyl  
Concen: 75.504 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 30.8  | 46.2  |
| 170     | 24.4  | 20.2  | 30.4  |

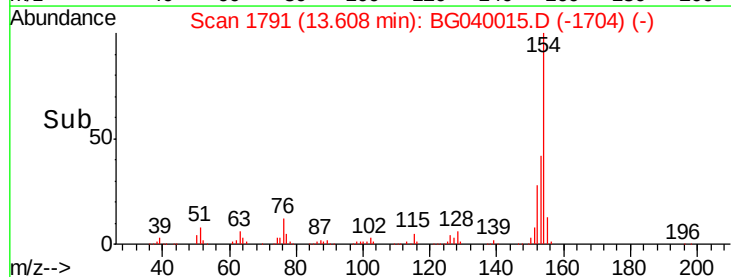
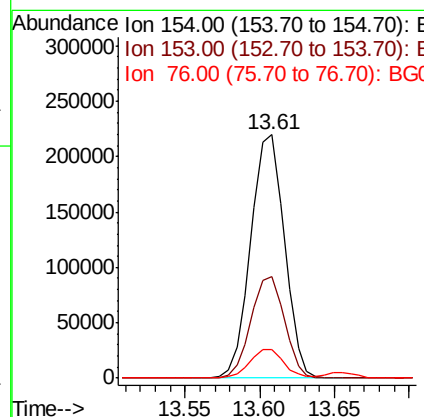
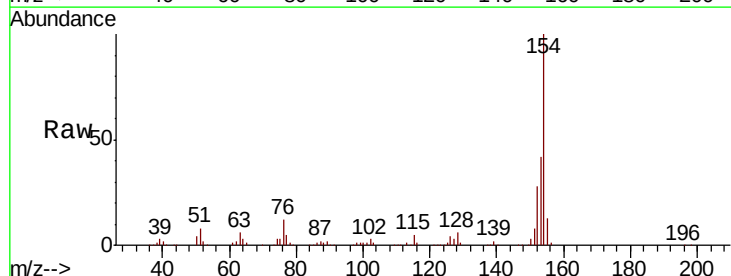
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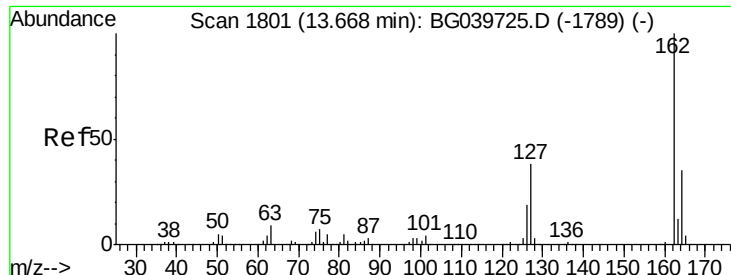
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#46  
1,1'-Biphenyl  
Concen: 40.209 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 22.1  | 62.1  |
| 76      | 11.8  | 0.0   | 32.4  |





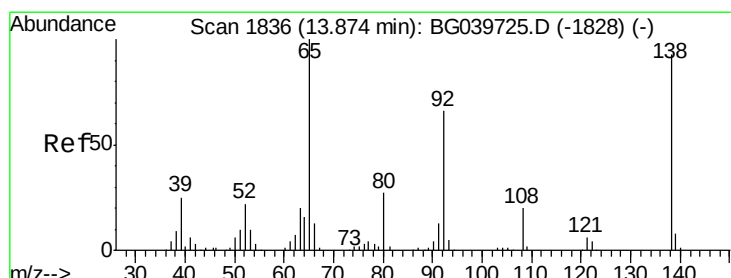
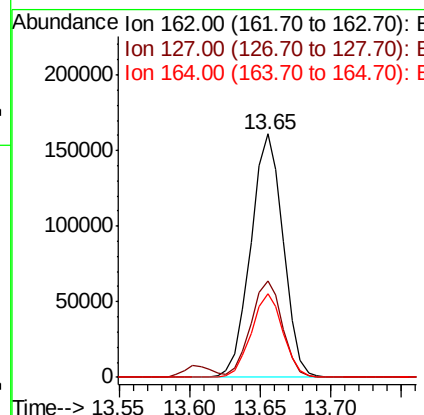
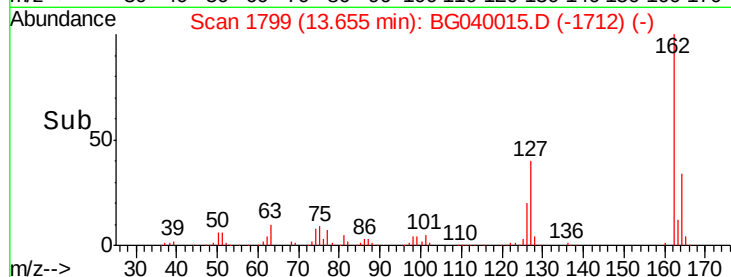
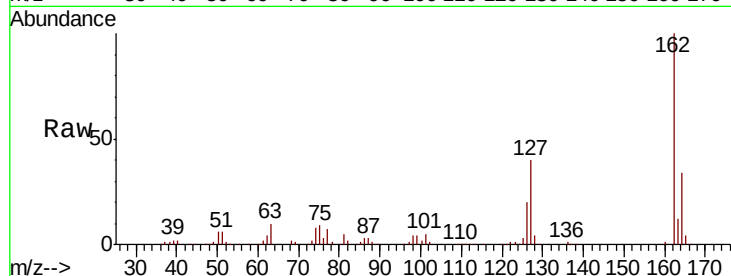
#47  
 2-Chloronaphthalene  
 Concen: 40.461 ng  
 RT: 13.65 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 31.0  | 46.6  |
| 164     | 34.4  | 25.7  | 38.5  |

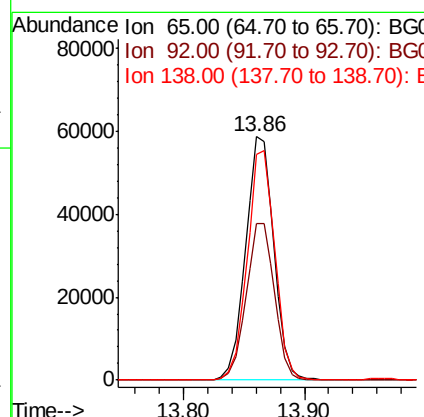
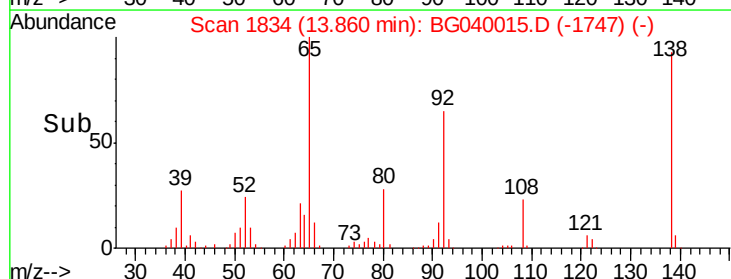
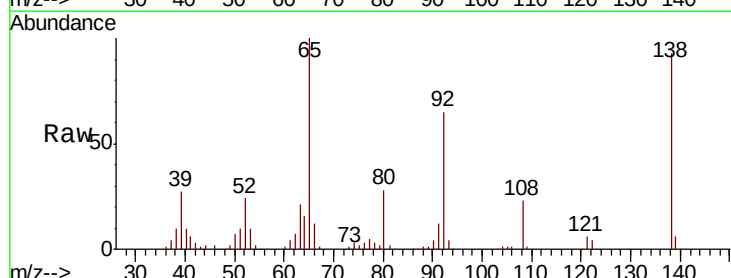
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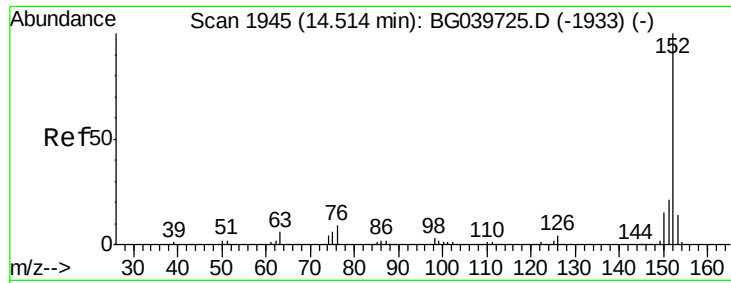
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#48  
 2-Nitroaniline  
 Concen: 46.465 ng  
 RT: 13.86 min Scan# 1834  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.6  | 51.4  | 77.2  |
| 138     | 92.6  | 71.4  | 107.2 |





#49

Acenaphthylene

Concen: 40.268 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

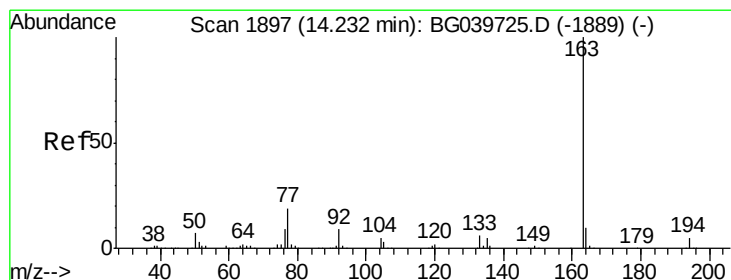
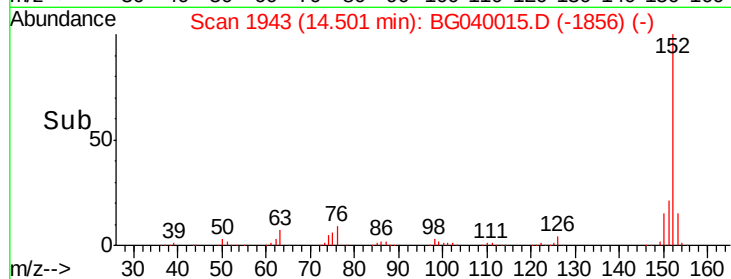
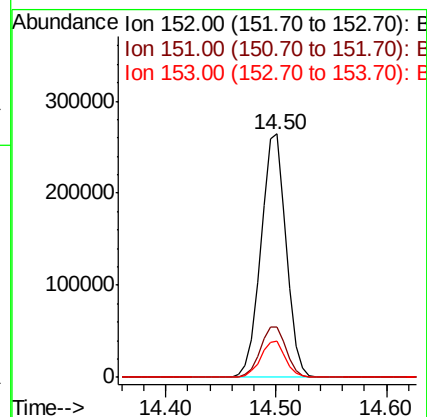
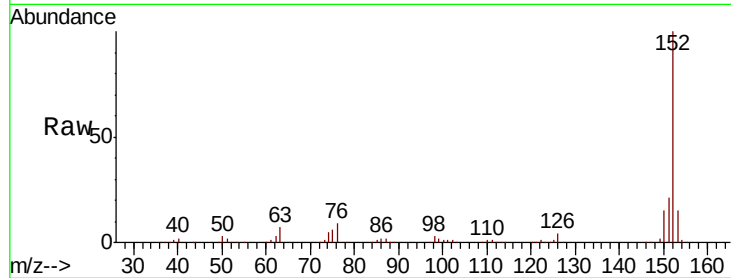
ClientSampleId :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 423647 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 16.8  | 25.2   |
| 153       | 14.8  | 11.7  | 17.5   |

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#50

Dimethylphthalate

Concen: 47.835 ng

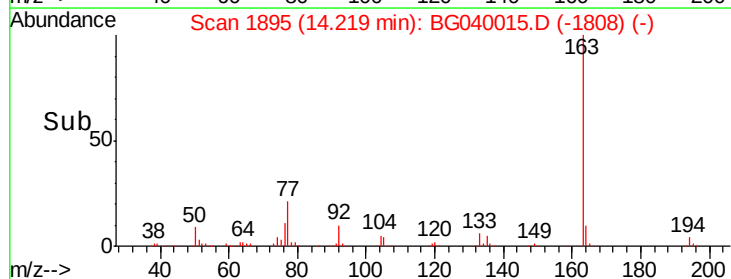
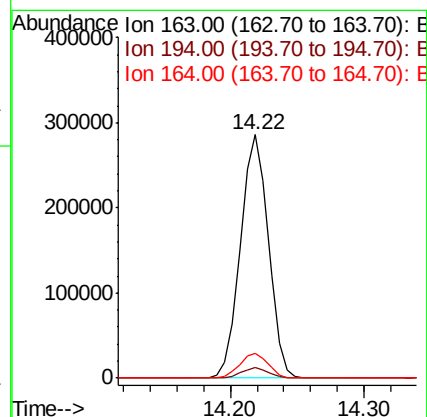
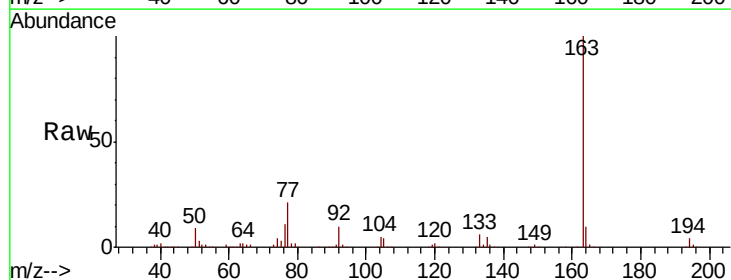
RT: 14.22 min Scan# 1895

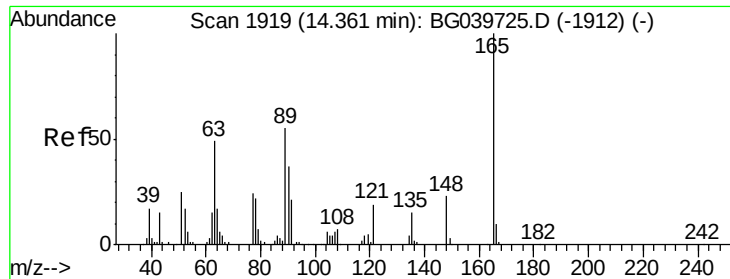
Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 414295 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.6   | 5.4    |
| 164       | 10.2  | 8.4   | 12.6   |





#51

2,6-Dinitrotoluene

Concen: 44.177 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

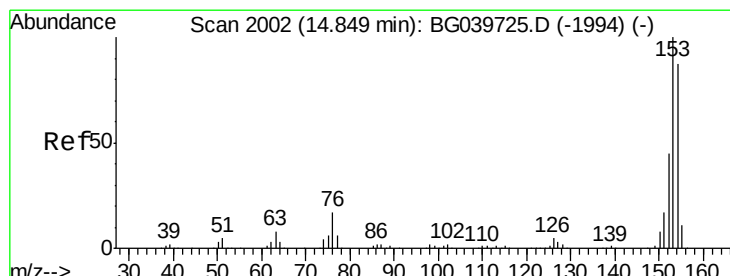
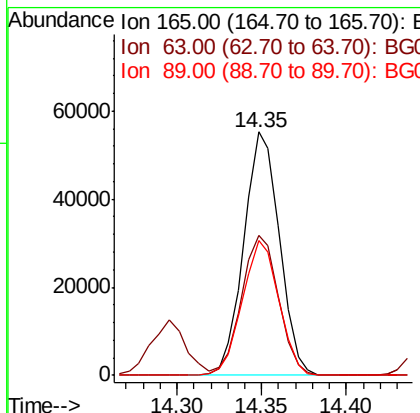
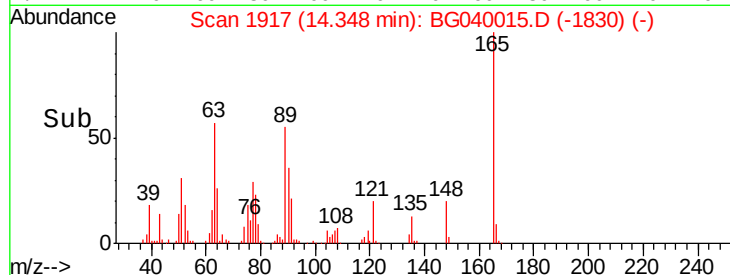
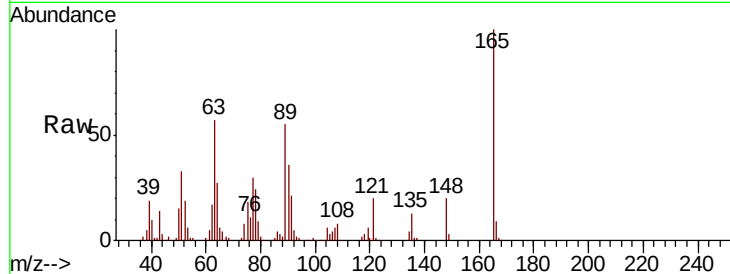
ClientSampled :

SPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 81112 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 57.3  | 47.0  | 70.6  |
| 89        | 55.5  | 45.8  | 68.8  |

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#52

Acenaphthene

Concen: 40.537 ng

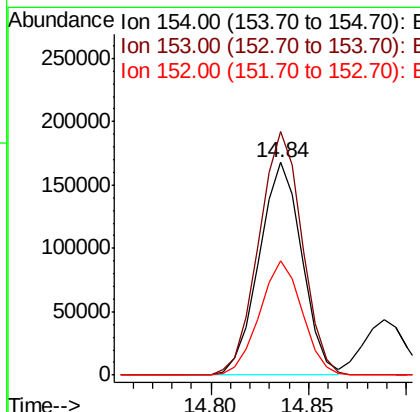
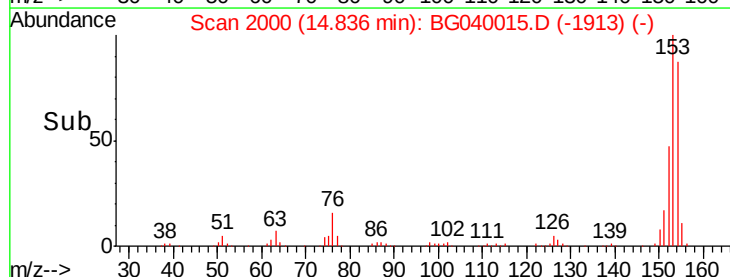
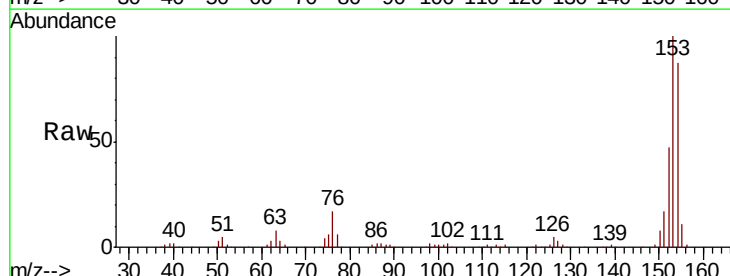
RT: 14.84 min Scan# 2000

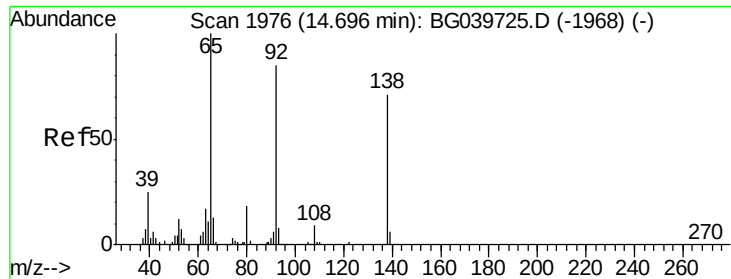
Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 256683 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.6 | 90.1  | 135.1  |
| 152       | 53.8  | 40.9  | 61.3   |





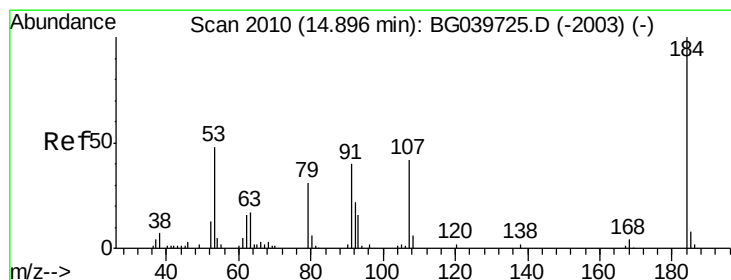
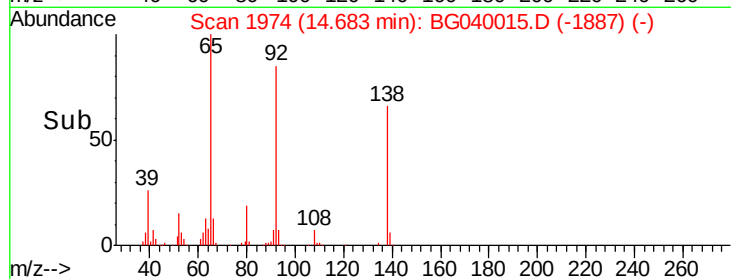
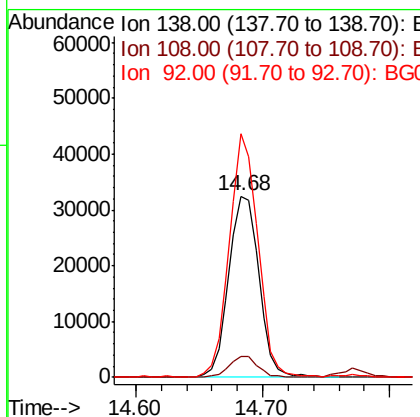
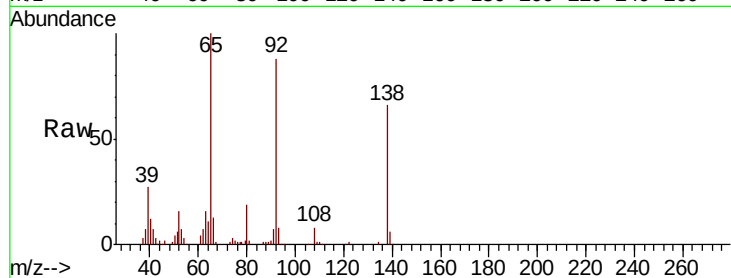
#53  
3-Nitroaniline  
Concen: 28.983 ng  
RT: 14.68 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

Tot Ion:138 Resp: 53493  
Ion Ratio Lower Upper  
138 100  
108 11.6 13.8 20.8#  
92 134.5 103.7 155.5

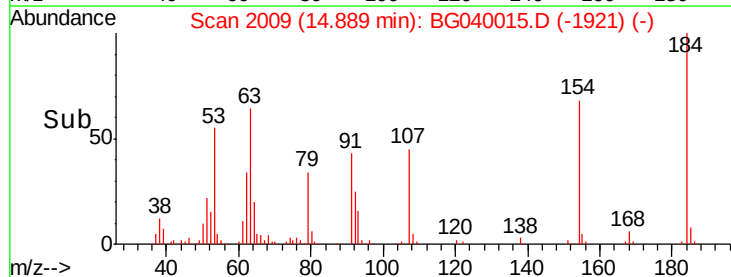
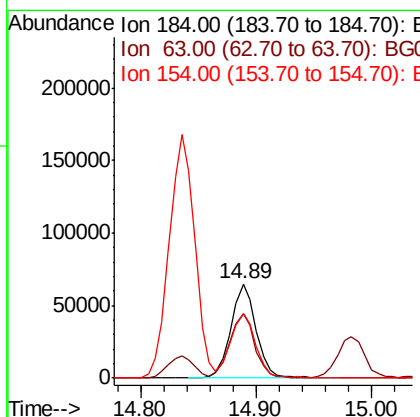
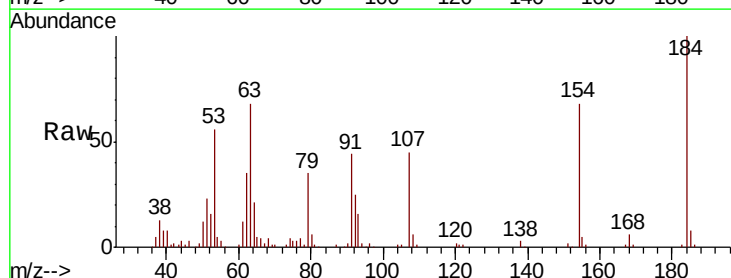
Manual Integrations  
APPROVED

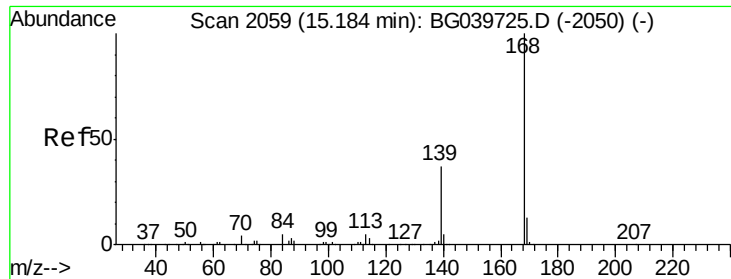
Sohil  
3/20/2019 4:59:20 PM



#54  
2,4-Dinitrophenol  
Concen: 84.816 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Tgt Ion:184 Resp: 98600  
Ion Ratio Lower Upper  
184 100  
63 67.9 50.9 76.3  
154 68.2 53.0 79.6





#55

Dibenzenofuran

Concen: 40.638 ng

RT: 15.16 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

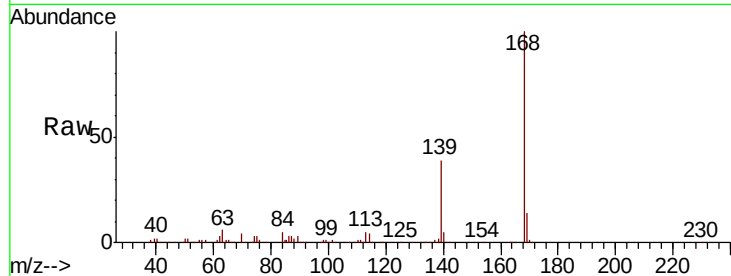
ClientSampleId :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 422191 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 39.0  | 30.1  | 45.1   |
| 169       | 14.1  | 10.6  | 16.0   |

Manual Integrations  
APPROVED

Sohil  
3/20/2019 4:59:20 PM

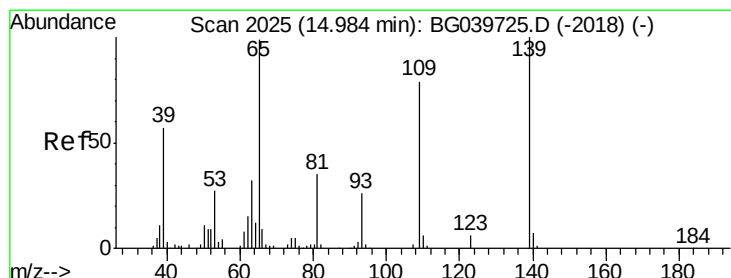
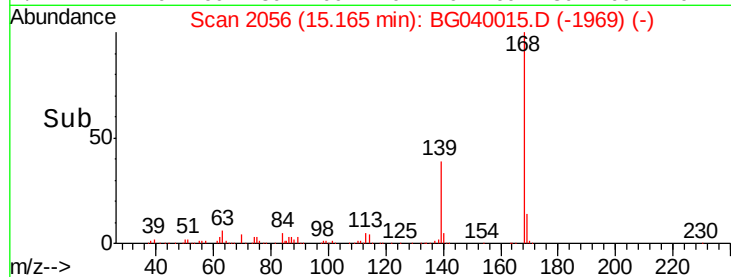
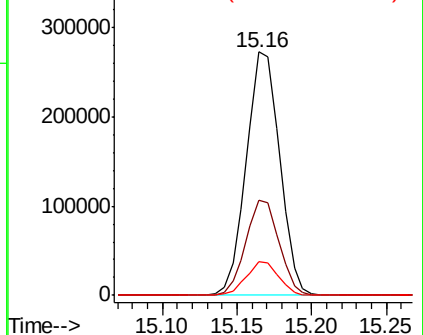


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.880 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

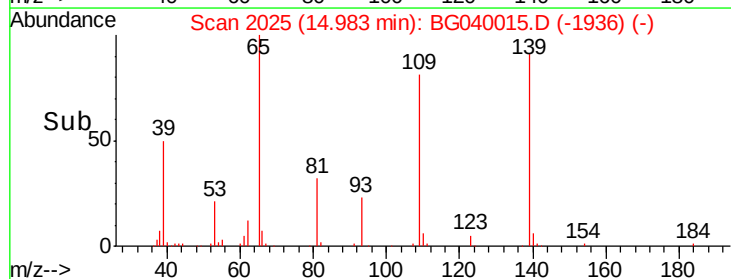
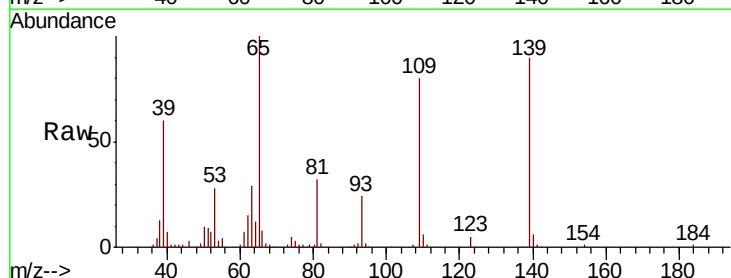
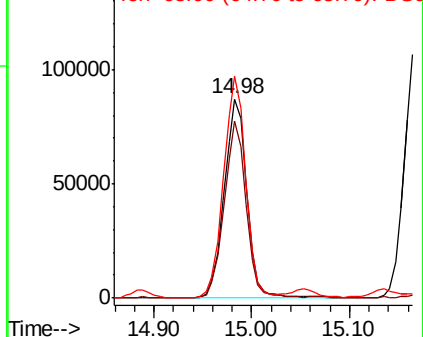
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 140141 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 88.8  | 61.9  | 101.9  |
| 65        | 111.3 | 99.1  | 139.1  |

Abundance

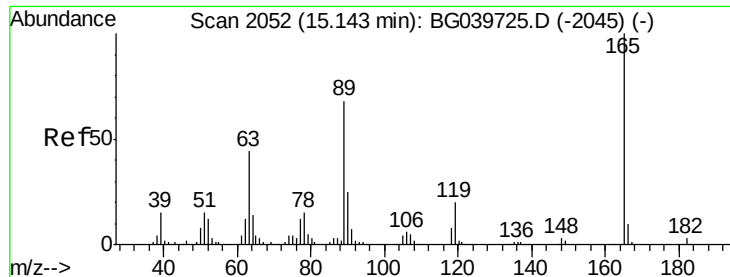
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC







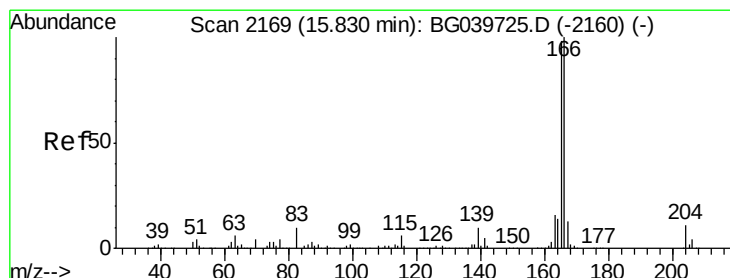
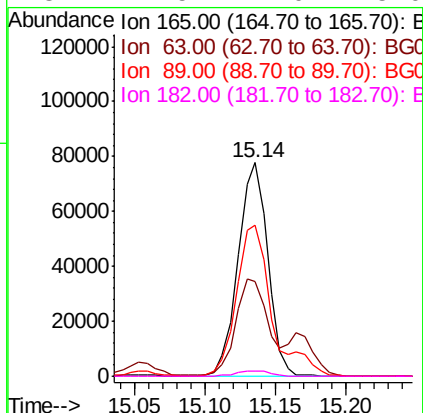
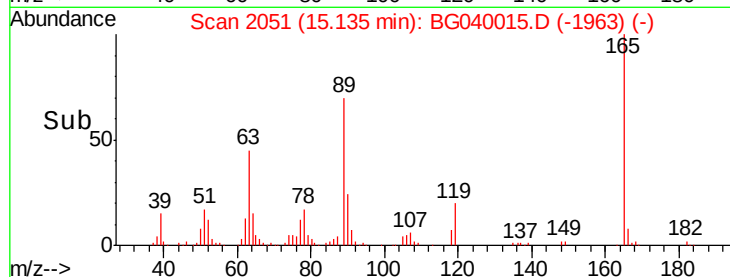
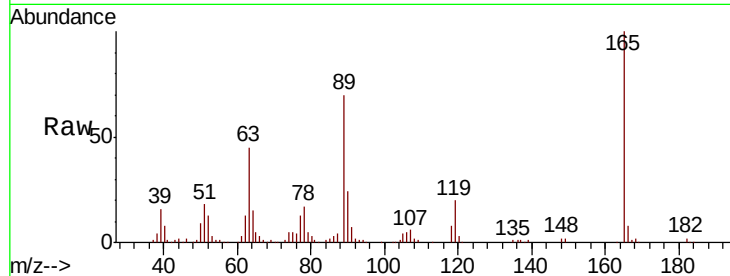
#57  
2,4-Dinitrotoluene  
Concen: 44.167 ng  
RT: 15.14 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 113946 |       |       |
| 63      | 44.6 |       | 41.0   | 61.6  |       |
| 89      | 70.5 |       | 64.6   | 96.8  |       |
| 182     | 2.5  |       | 2.0    | 3.0   |       |

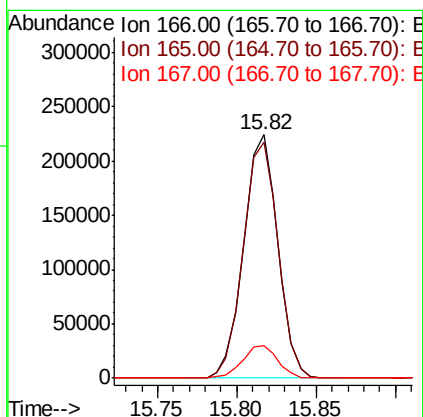
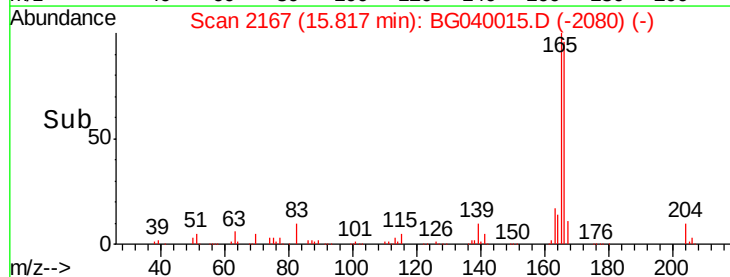
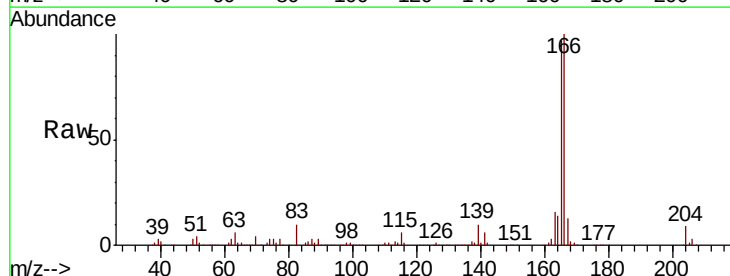
Manual Integrations  
APPROVED

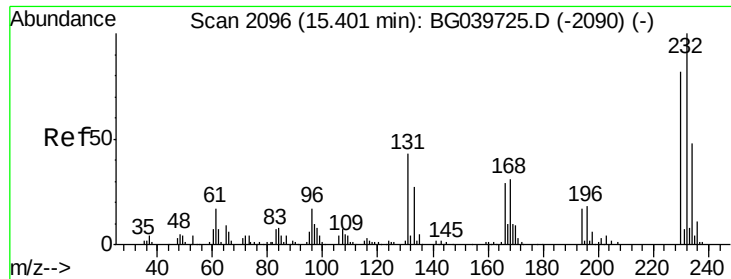
Sohil  
3/20/2019 4:59:20 PM



#58  
Fluorene  
Concen: 40.879 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 333865 |       |       |
| 165     | 96.9 |       | 77.9   | 116.9 |       |
| 167     | 13.5 |       | 10.8   | 16.2  |       |





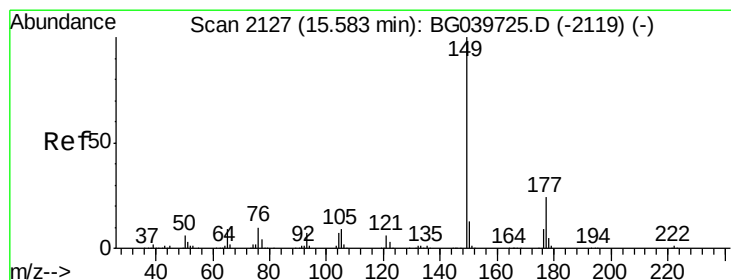
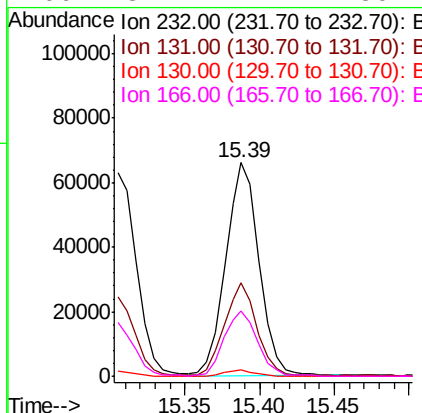
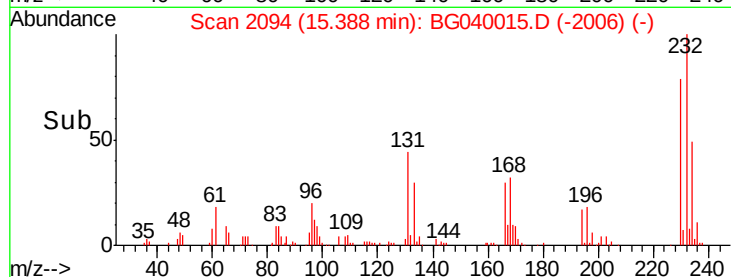
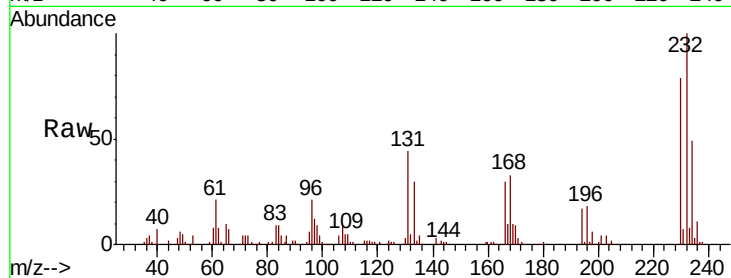
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.228 ng  
RT: 15.39 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 102281 |       |       |
| 131     | 43.7  |        | 34.9  | 52.3  |
| 130     | 2.8   |        | 2.0   | 3.0   |
| 166     | 31.1  |        | 24.1  | 36.1  |

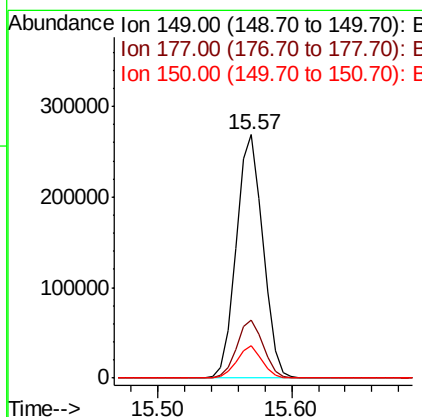
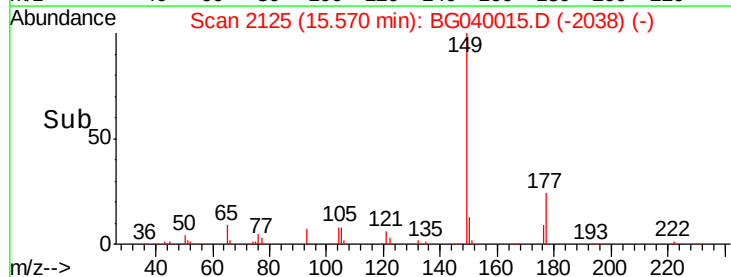
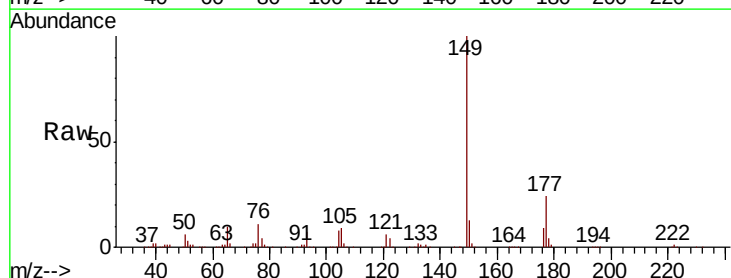
Manual Integrations  
APPROVED

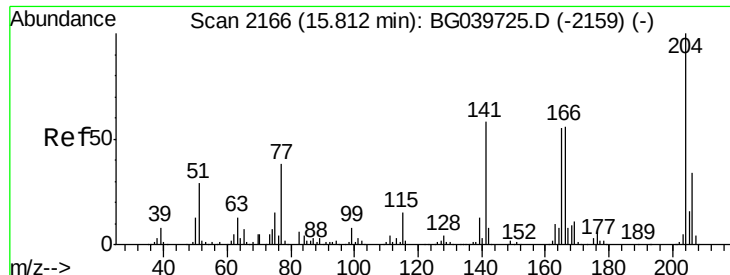
Sohil  
3/20/2019 4:59:20 PM



#60  
Diethylphthalate  
Concen: 43.304 ng  
RT: 15.57 min Scan# 2125  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 371275 |       |       |
| 177     | 23.7  |        | 18.3  | 27.5  |
| 150     | 13.1  |        | 10.2  | 15.2  |





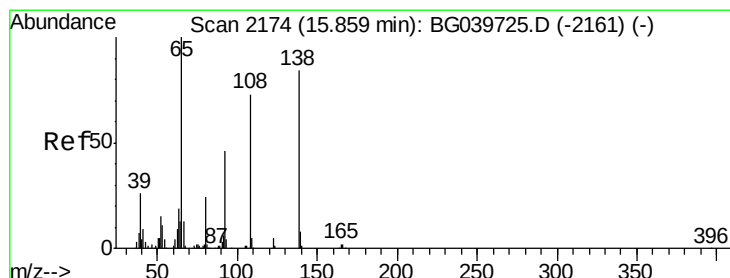
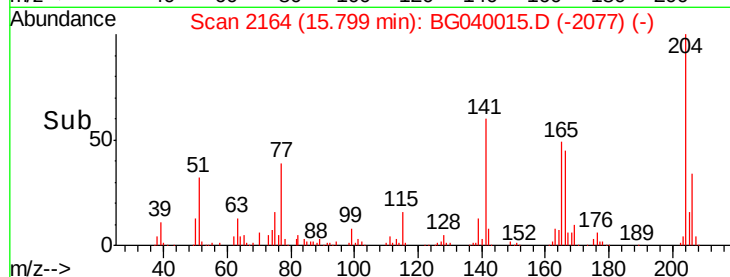
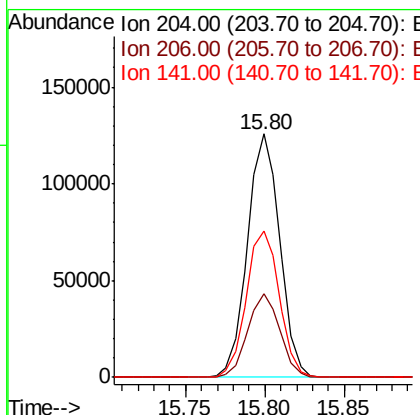
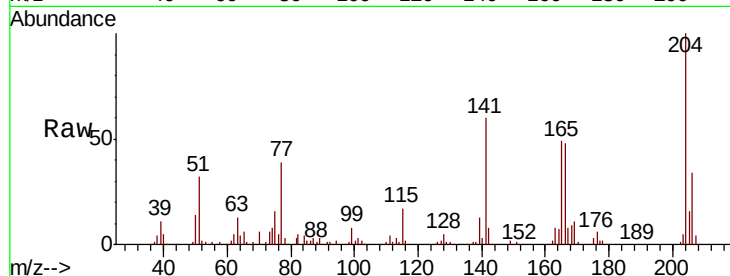
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.775 ng  
 RT: 15.80 min Scan# 2164  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.4  | 29.2  | 43.8  |
| 141     | 60.0  | 49.0  | 73.4  |

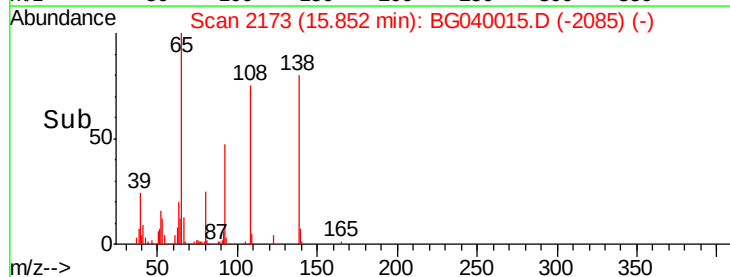
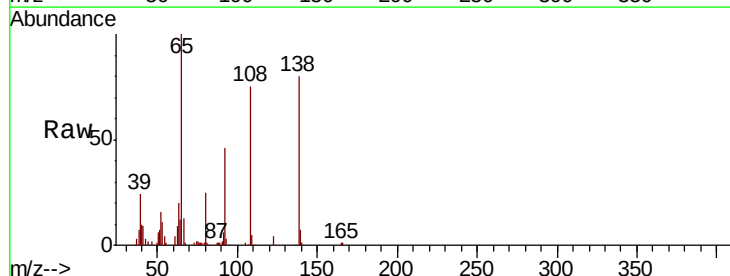
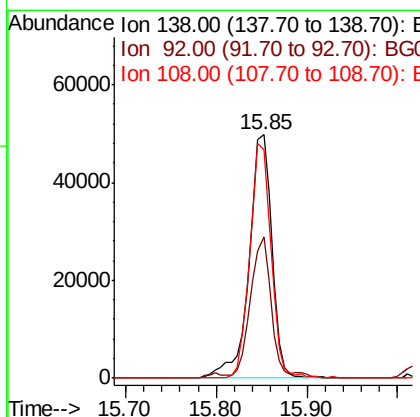
Manual Integrations  
 APPROVED

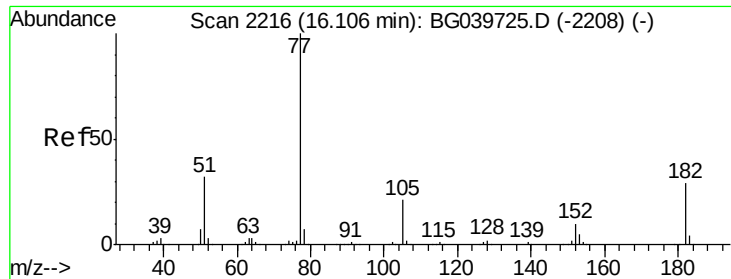
Sohil  
 3/20/2019 4:59:20 PM



#62  
 4-Nitroaniline  
 Concen: 43.190 ng  
 RT: 15.85 min Scan# 2173  
 Delta R.T. -0.01 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 58.0  | 38.7  | 78.7  |
| 108     | 93.6  | 74.6  | 114.6 |





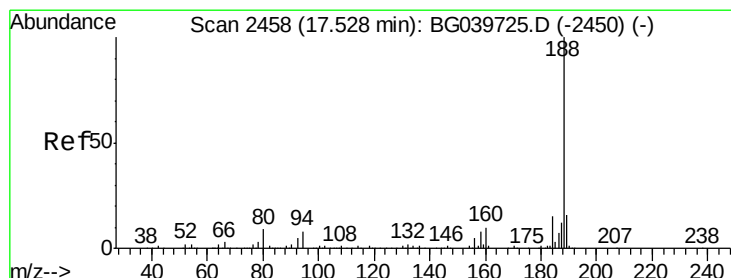
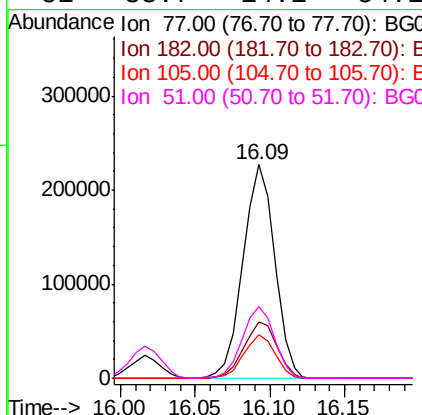
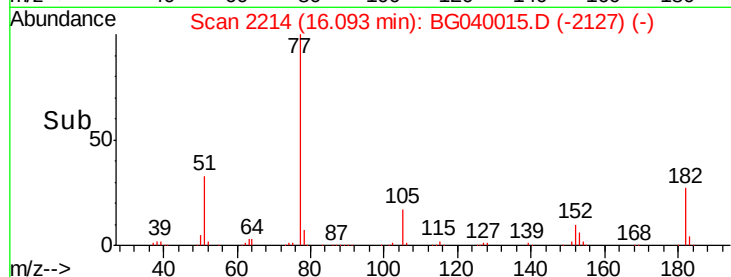
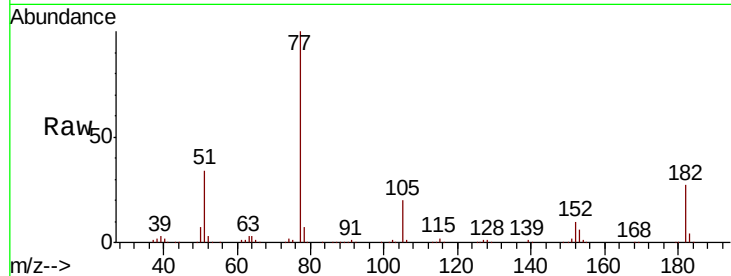
#63  
Azobenzene  
Concen: 42.927 ng  
RT: 16.09 min Scan# 2214  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 6.4   | 46.4  |
| 105     | 20.4  | 0.0   | 39.8  |
| 51      | 33.7  | 14.1  | 54.1  |

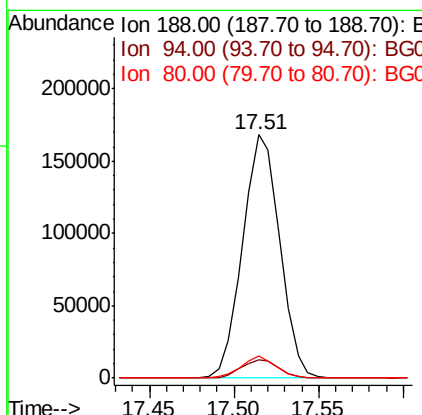
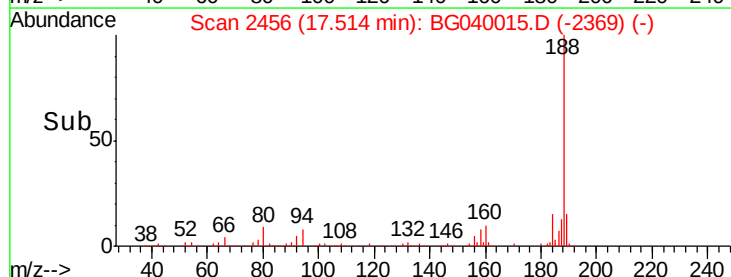
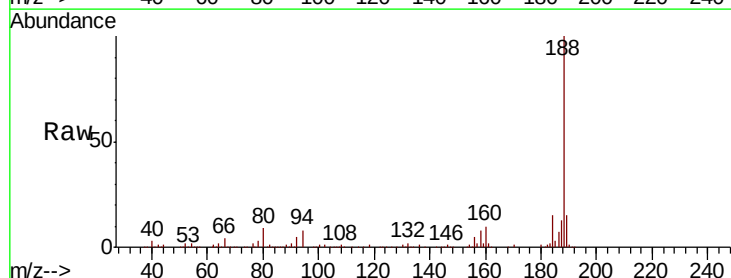
Manual Integrations  
APPROVED

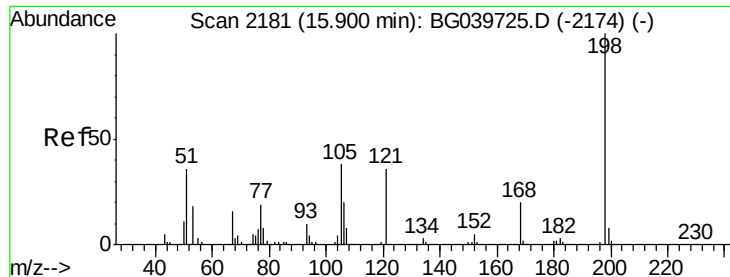
Sohil  
3/20/2019 4:59:20 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.51 min Scan# 2456  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.6   | 6.9   | 10.3  |
| 80      | 9.0   | 8.1   | 12.1  |





#65

4,6-Dinitro-2-methylphenol

Concen: 45.278 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

ClientSampleId :

SPMS

Tot Ion:198 Resp: 69089

Ion Ratio Lower Upper

198 100

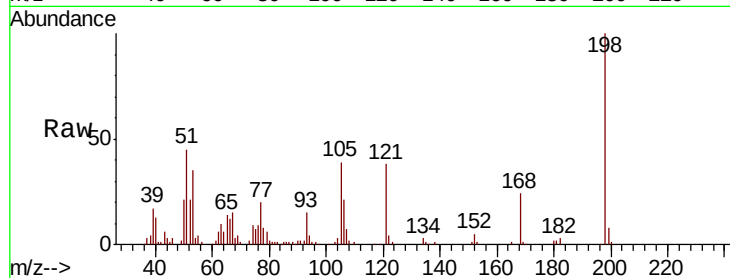
51 45.4 27.4 67.4

105 39.4 19.7 59.7

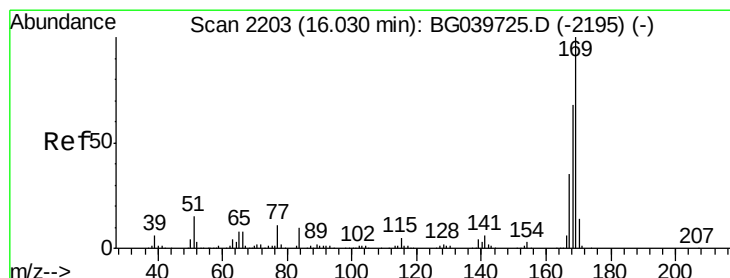
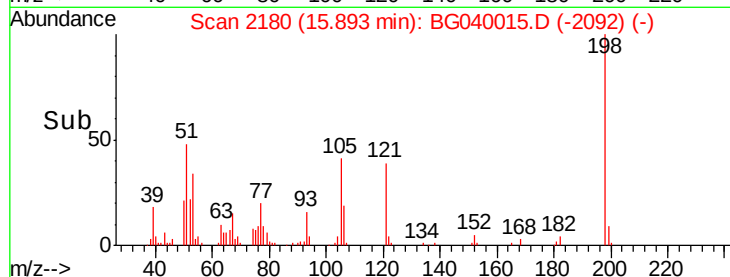
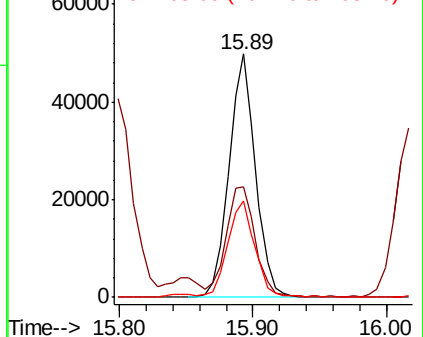
Manual Integrations  
APPROVED

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3/20/2019 4:59:20 PM



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.391 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

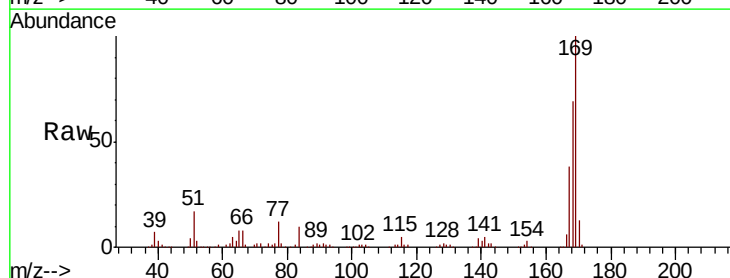
Tgt Ion:169 Resp: 301767

Ion Ratio Lower Upper

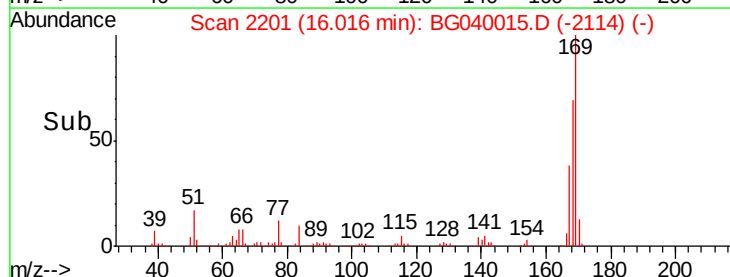
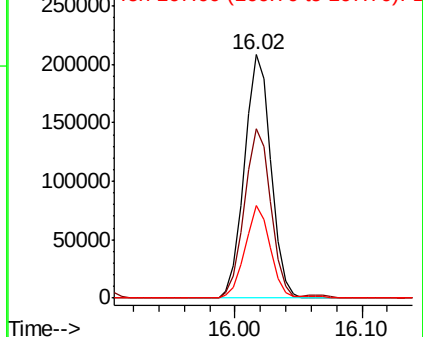
169 100

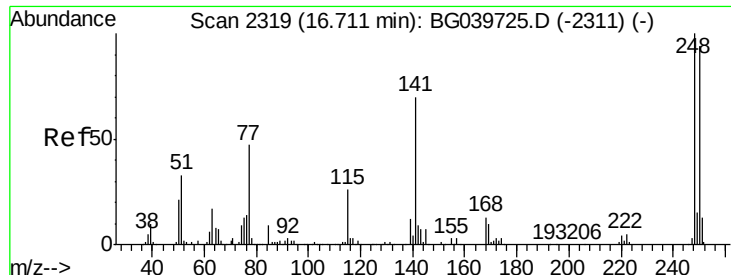
168 69.4 56.6 85.0

167 38.2 28.8 43.2



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





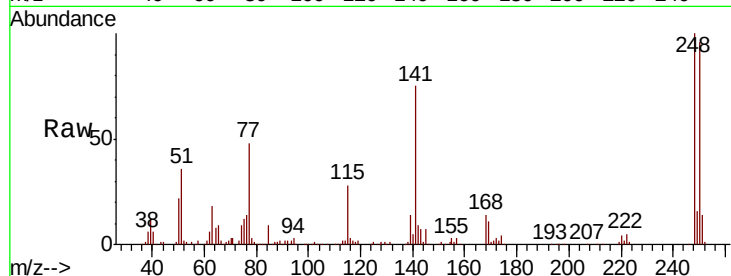
#67  
4-Bromophenyl-phenylether  
Concen: 39.707 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.0  | 77.6  | 116.4 |
| 141     | 74.8  | 63.9  | 95.9  |

Manual Integrations  
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3/20/2019 4:59:20 PM

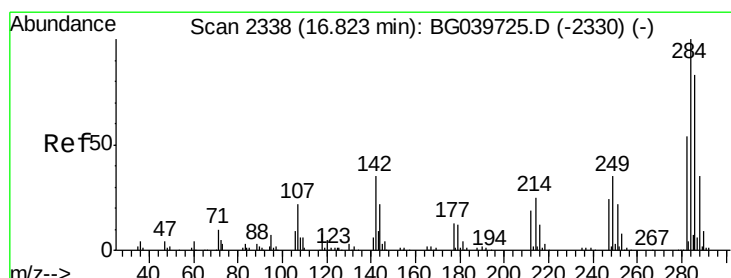
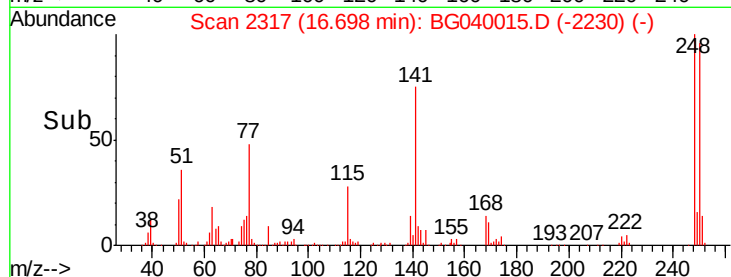
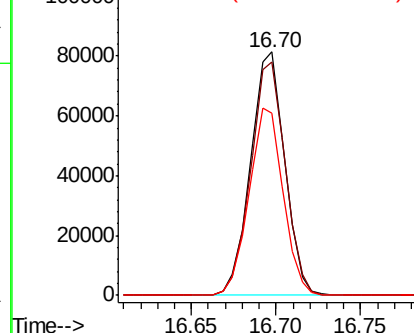


Abundance

Ion 248.00 (247.70 to 248.70): E

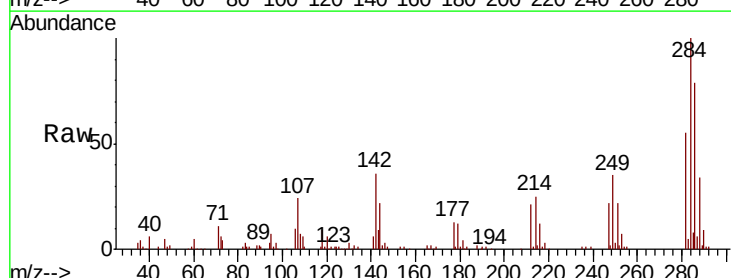
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 39.773 ng  
RT: 16.81 min Scan# 2336  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.8  | 30.6  | 45.8  |
| 249     | 35.2  | 28.2  | 42.2  |

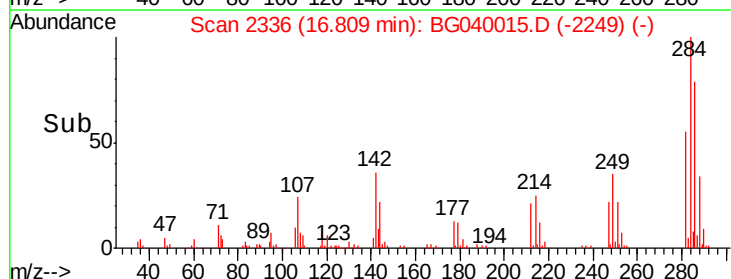
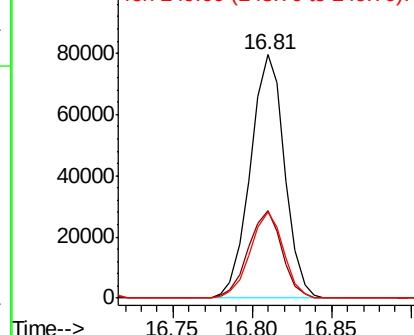


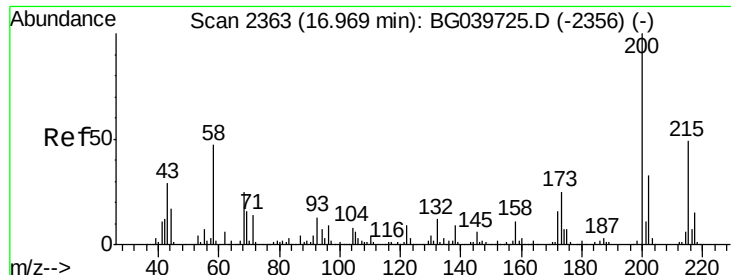
Abundance

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





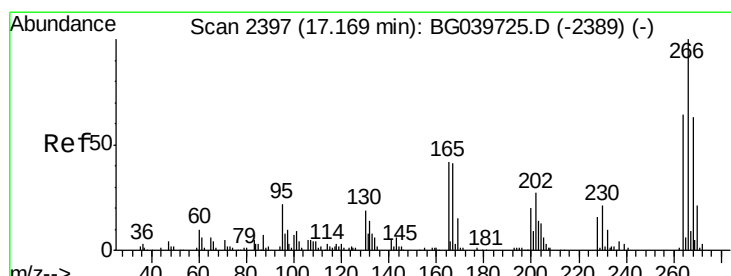
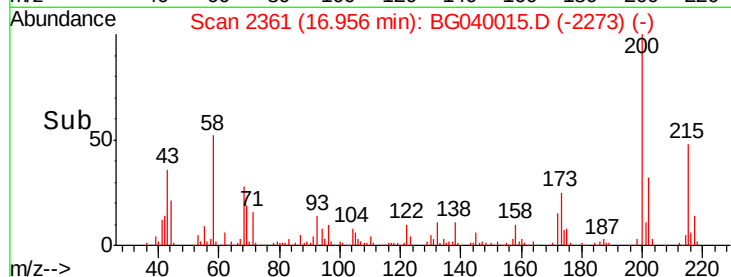
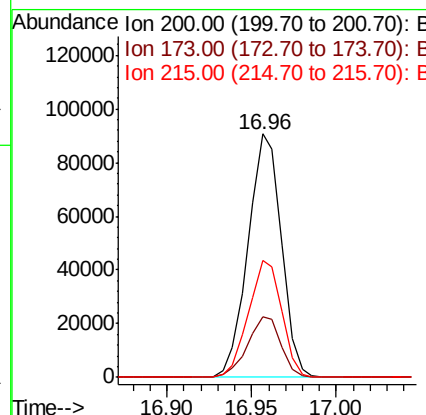
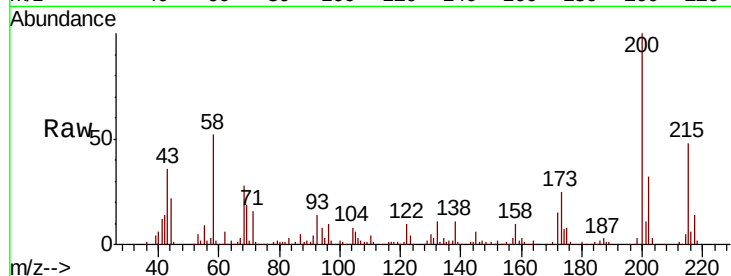
#69  
 Atrazine  
 Concen: 42.356 ng  
 RT: 16.96 min Scan# 2361  
 Delta R.T. -0.01 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 124542 |       |       |
| 173     | 24.7  | 3.9    | 43.9  |       |
| 215     | 47.9  | 30.9   | 70.9  |       |

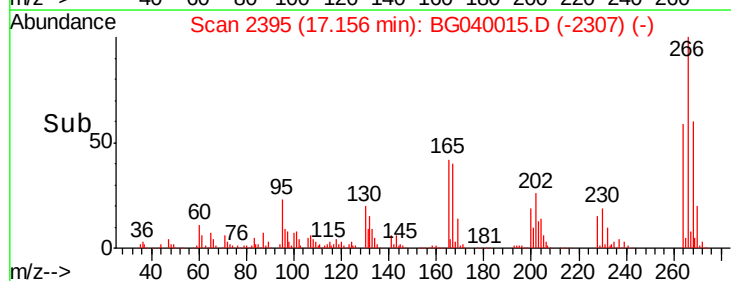
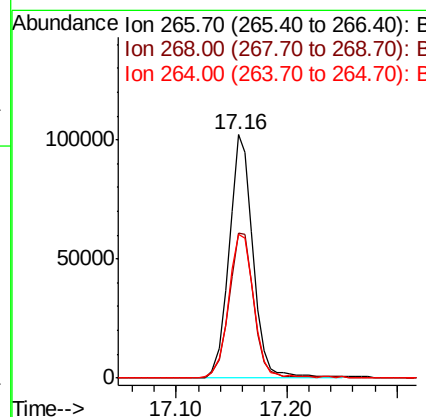
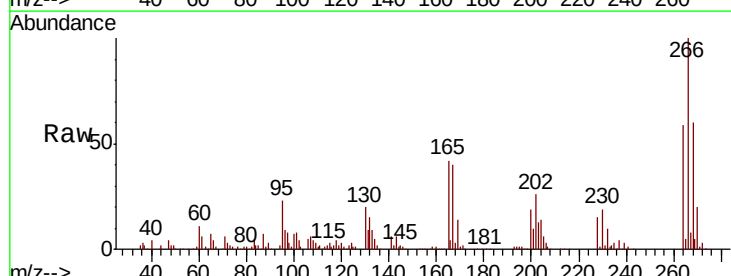
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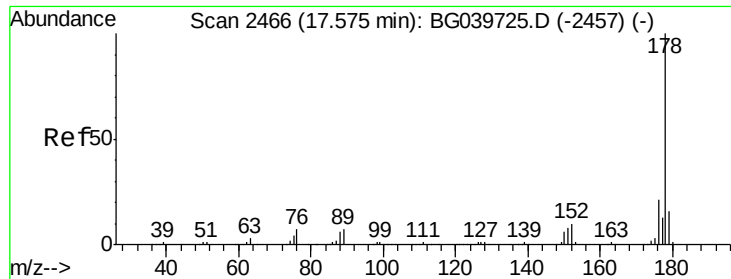
Sohil  
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#70  
 Pentachlorophenol  
 Concen: 81.741 ng  
 RT: 17.16 min Scan# 2395  
 Delta R.T. -0.01 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 154577 |       |       |
| 268     | 59.5  | 51.1   | 76.7  |       |
| 264     | 59.1  | 52.1   | 78.1  |       |





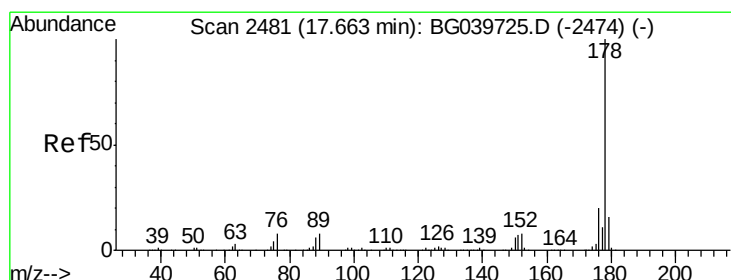
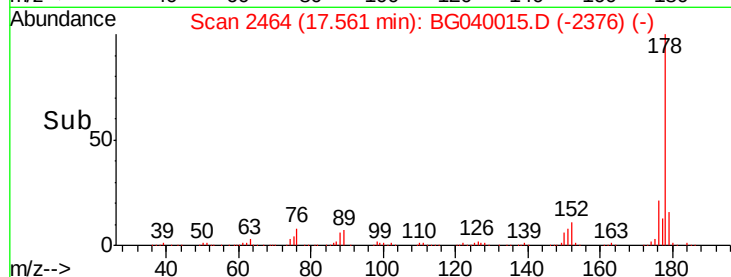
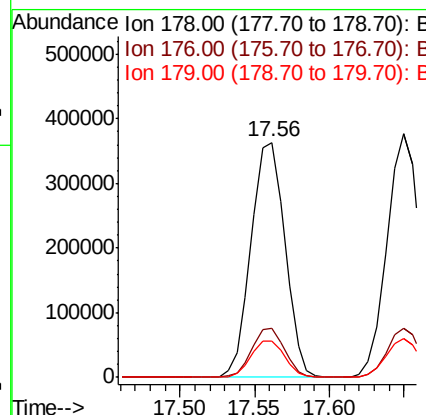
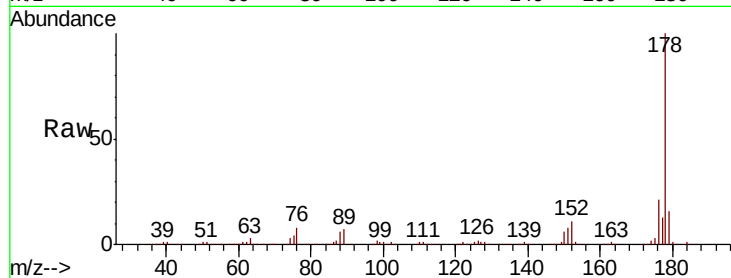
#71  
 Phenanthrene  
 Concen: 40.199 ng  
 RT: 17.56 min Scan# 2464  
 Delta R.T. -0.01 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 16.2  | 24.4  |
| 179     | 15.7  | 12.6  | 19.0  |

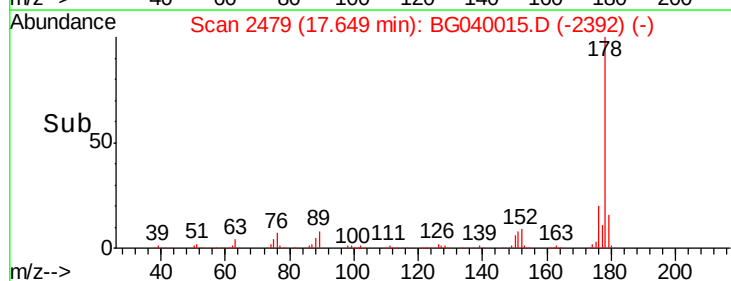
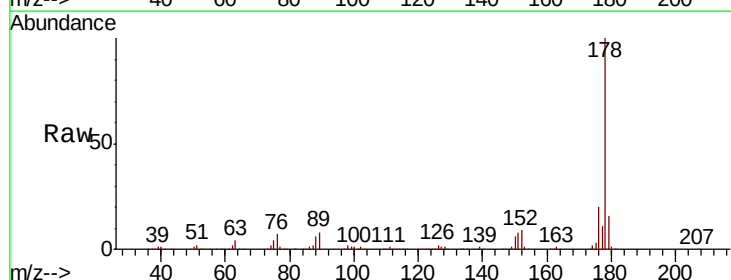
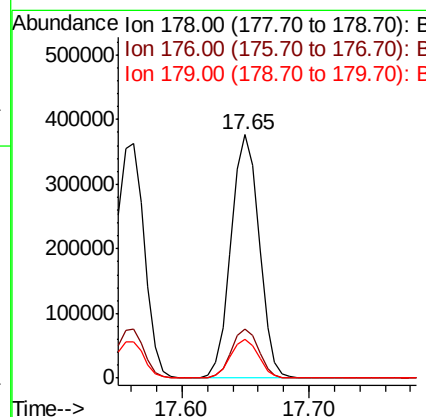
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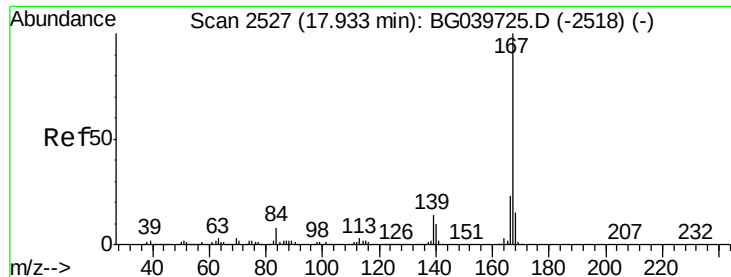


#72  
 Anthracene  
 Concen: 41.683 ng  
 RT: 17.65 min Scan# 2479  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.8  | 23.6  |
| 179     | 15.9  | 12.5  | 18.7  |







#73

Carbazole

Concen: 41.245 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

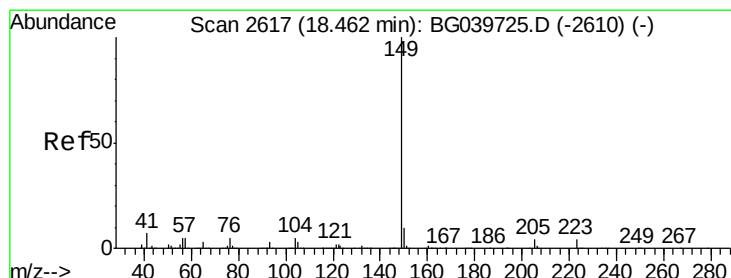
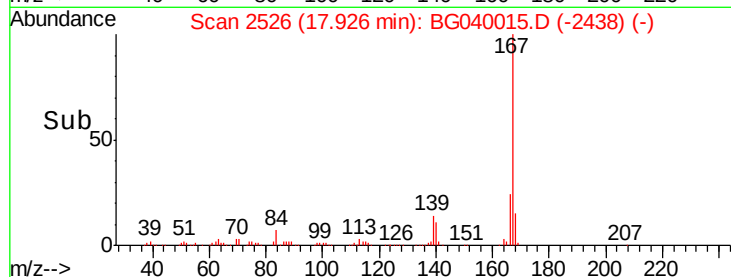
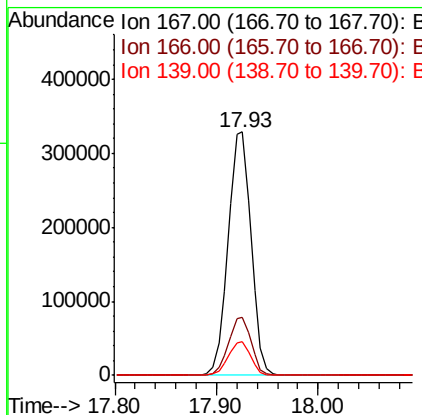
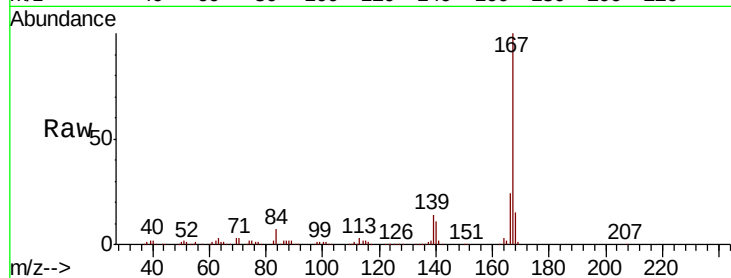
ClientSampled :

SPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 515064 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 23.7  | 19.4  | 29.2   |
| 139       | 13.7  | 10.8  | 16.2   |

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#74

Di-n-butylphthalate

Concen: 41.887 ng

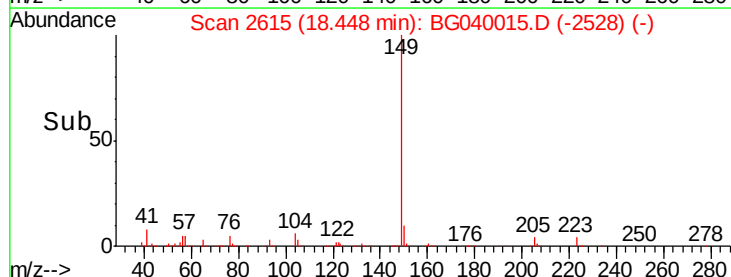
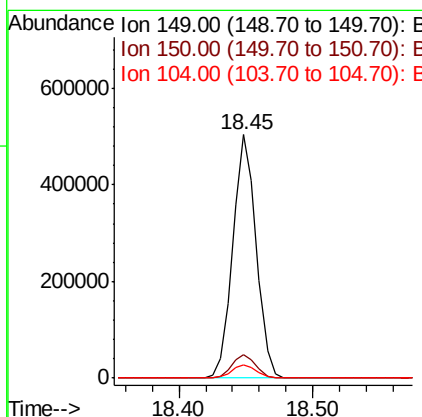
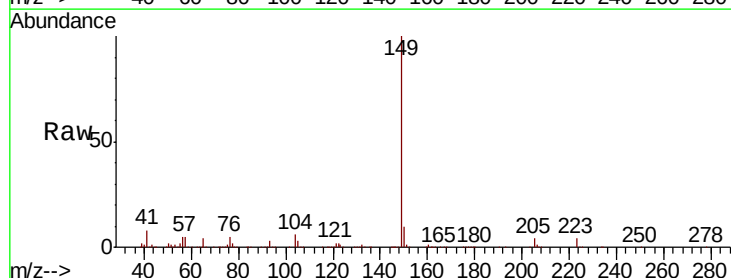
RT: 18.45 min Scan# 2615

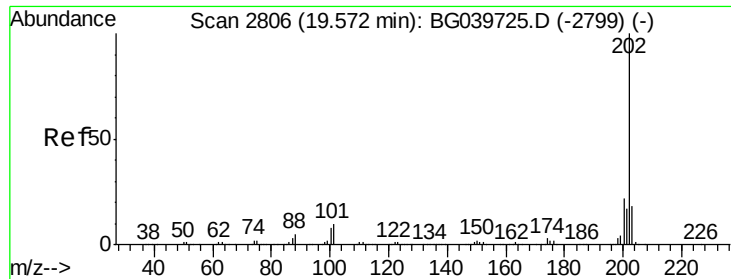
Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 615445 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 7.7   | 11.5   |
| 104       | 5.7   | 4.5   | 6.7    |





#75

Fluoranthene

Concen: 40.134 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

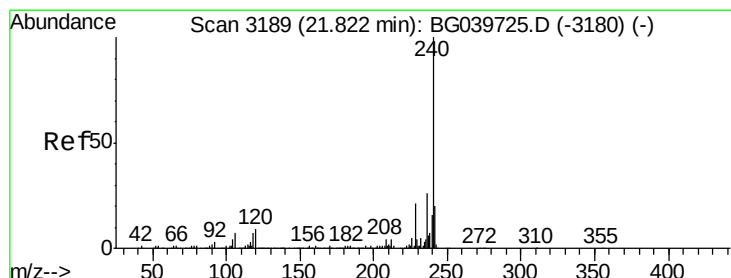
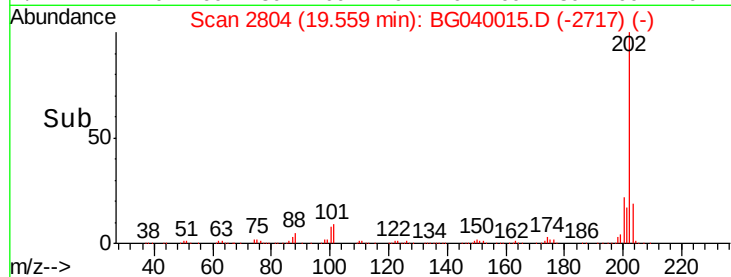
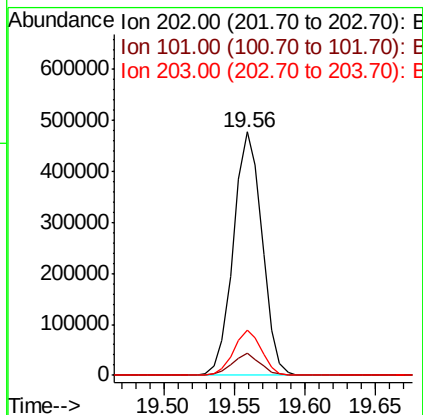
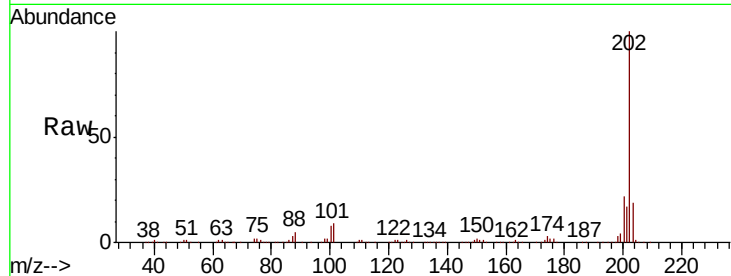
ClientSampled :

SPMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 674222 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 9.2  | 0.0   | 30.0   |
| 203       | 18.8 | 0.0   | 38.9   |

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#76

Chrysene-d12

Concen: 20.000 ng

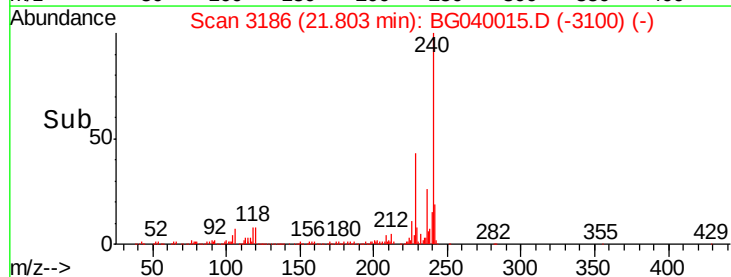
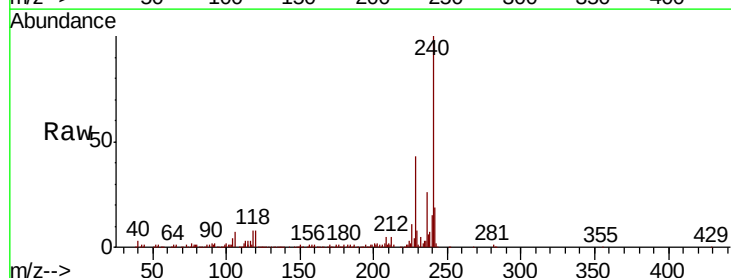
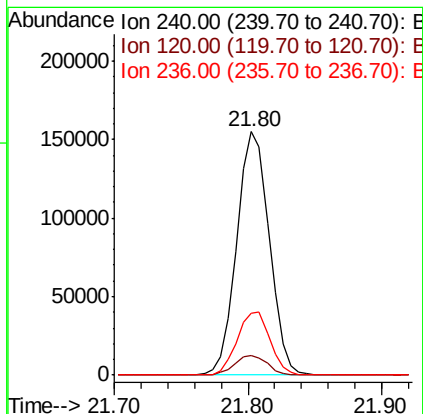
RT: 21.80 min Scan# 3186

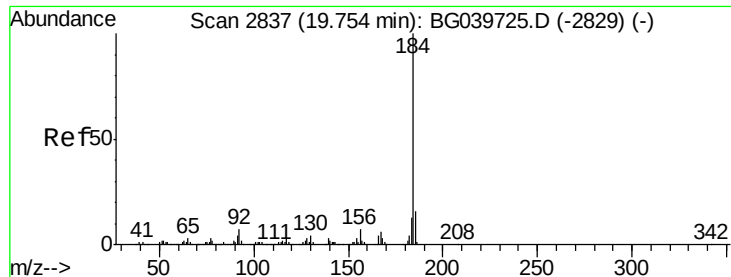
Delta R.T. -0.03 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 261182 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 8.0  | 7.0   | 10.6   |
| 236       | 25.6 | 21.0  | 31.4   |





#77

Benzidine

Concen: 1.645 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040015.D

Acq: 19 Mar 2019 23:17

Instrument :

BNA\_G

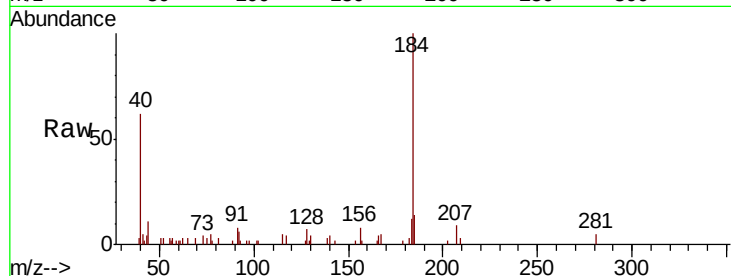
ClientSampled :

SPMS

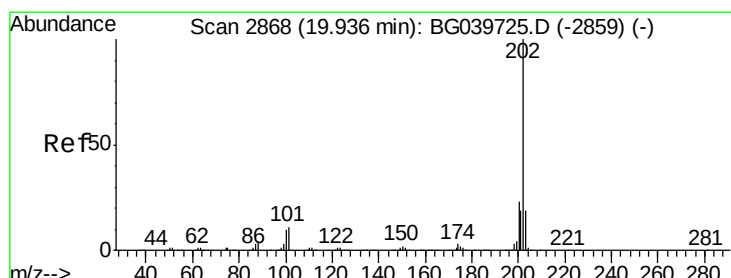
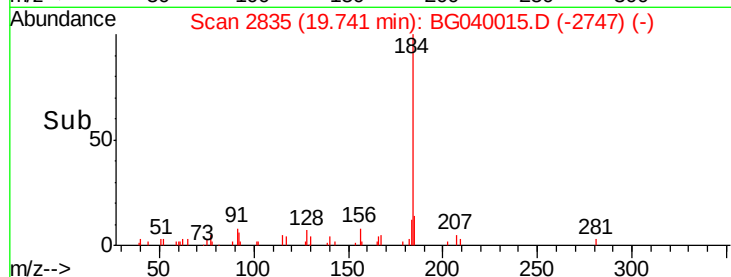
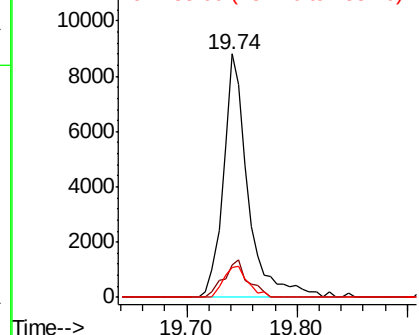
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 13631 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 13.5  | 12.2  | 18.2  |
| 183       | 12.3  | 10.6  | 15.8  |

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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: 40.539 ng

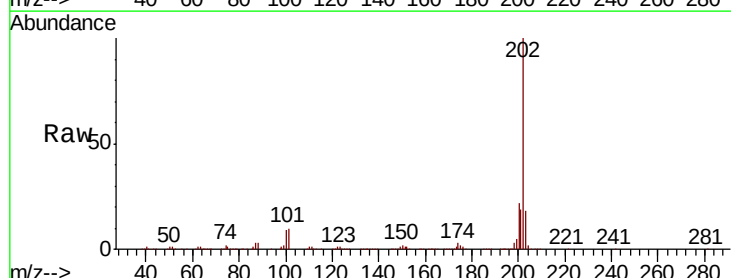
RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

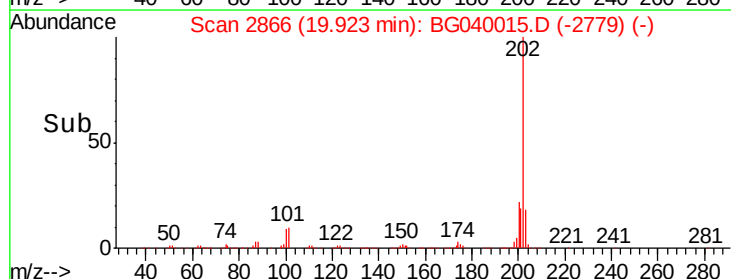
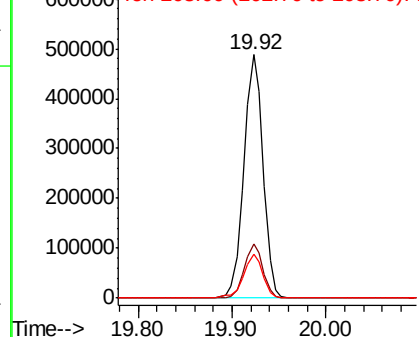
Lab File: BG040015.D

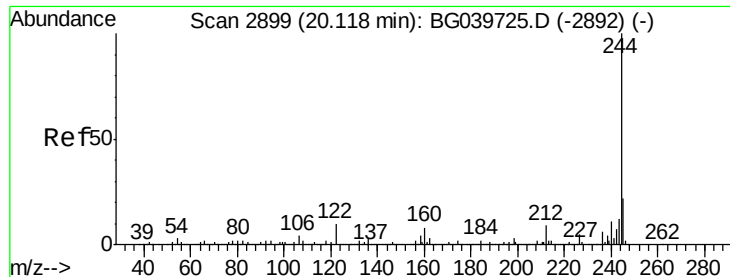
Acq: 19 Mar 2019 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 688015 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.3  | 17.8  | 26.8   |
| 203       | 18.3  | 15.3  | 22.9   |



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





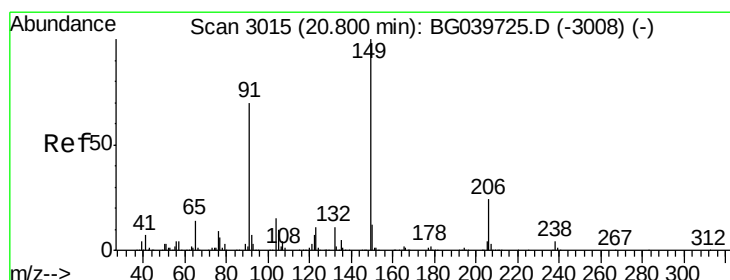
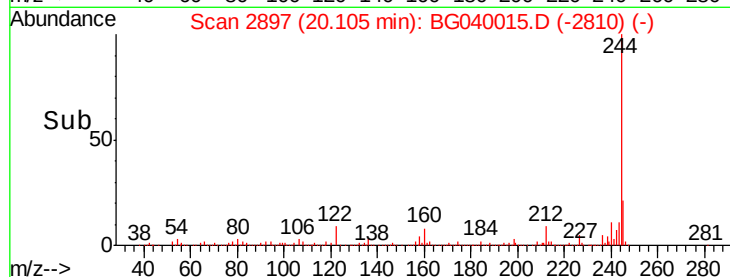
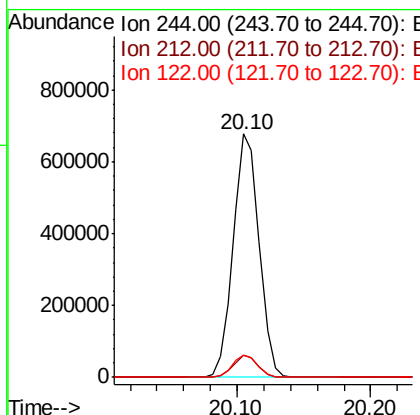
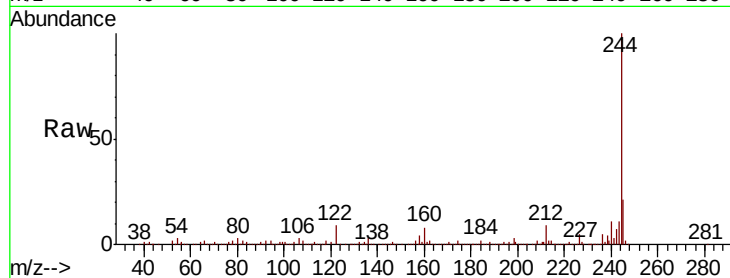
#79  
 Terphenyl-d14  
 Concen: 77.194 ng  
 RT: 20.10 min Scan# 2897  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.1   | 7.3   | 10.9  |
| 122     | 8.9   | 8.4   | 12.6  |

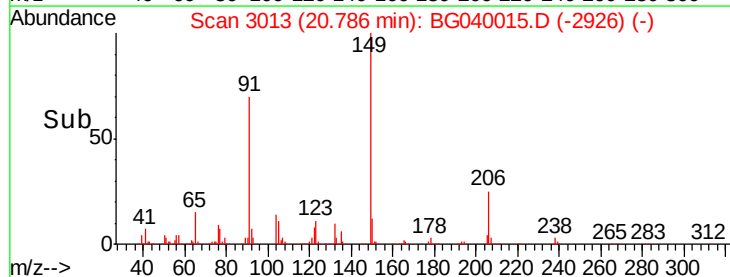
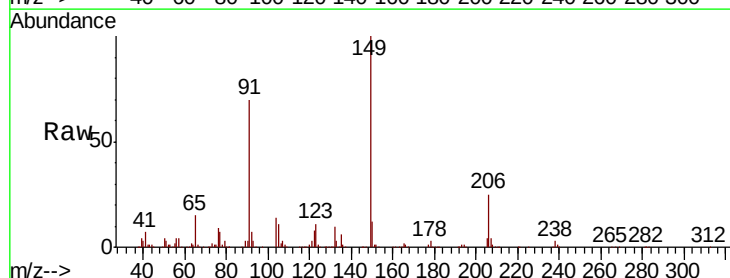
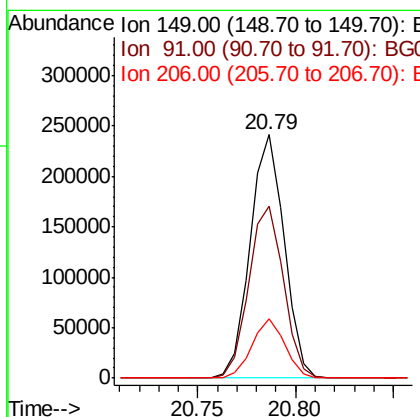
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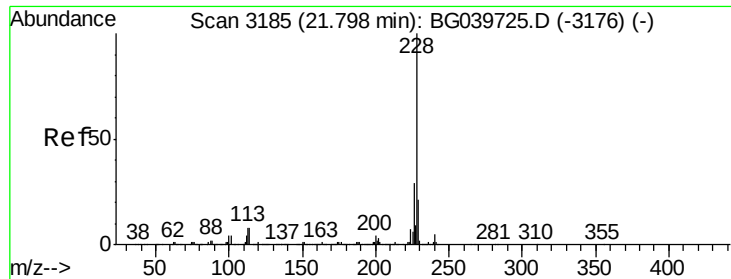
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#80  
 Butylbenzylphthalate  
 Concen: 44.366 ng  
 RT: 20.79 min Scan# 3013  
 Delta R.T. -0.02 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.4  | 59.5  | 89.3  |
| 206     | 24.5  | 18.6  | 27.8  |





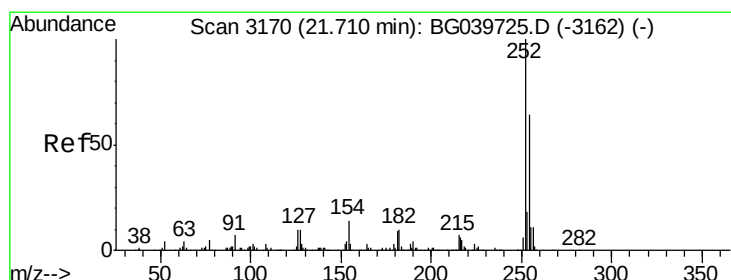
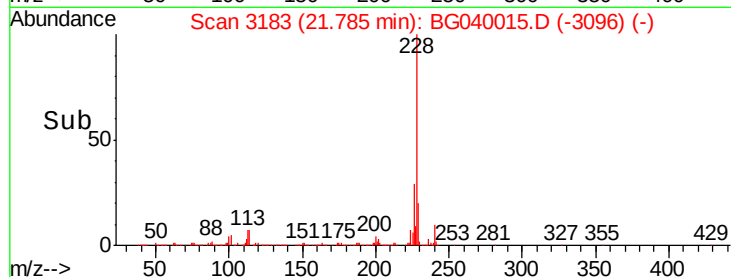
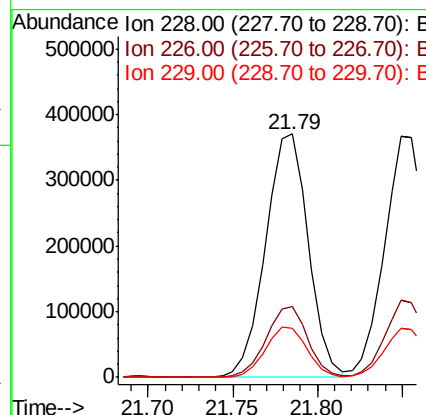
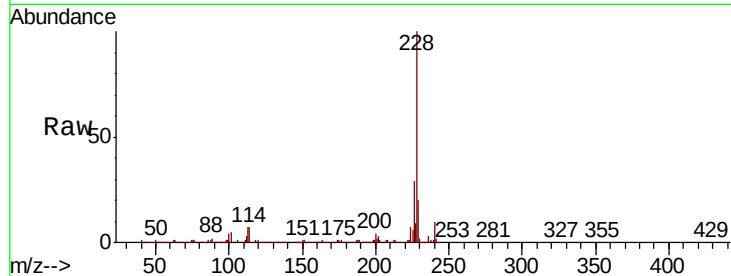
#81  
Benzo(a)anthracene  
Concen: 39.714 ng  
RT: 21.79 min Scan# 3183  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 23.0  | 34.6  |
| 229     | 20.2  | 16.9  | 25.3  |

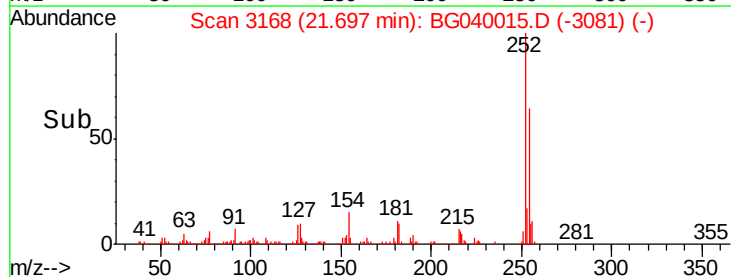
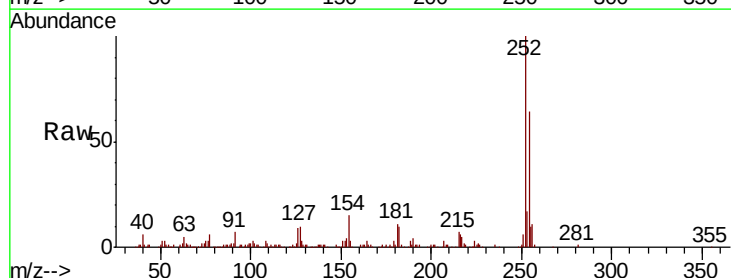
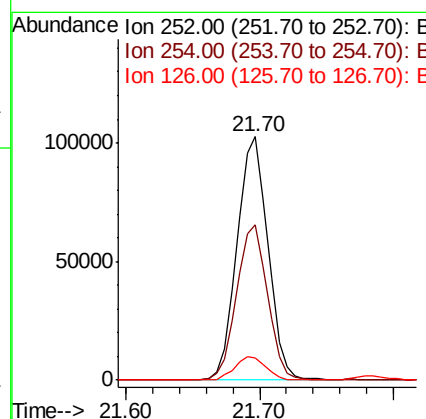
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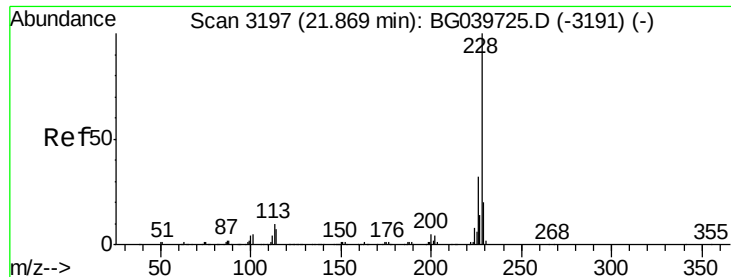
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#82  
3,3'-Dichlorobenzidine  
Concen: 27.640 ng  
RT: 21.70 min Scan# 3168  
Delta R.T. -0.02 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.0  | 51.3  | 76.9  |
| 126     | 8.9   | 8.0   | 12.0  |





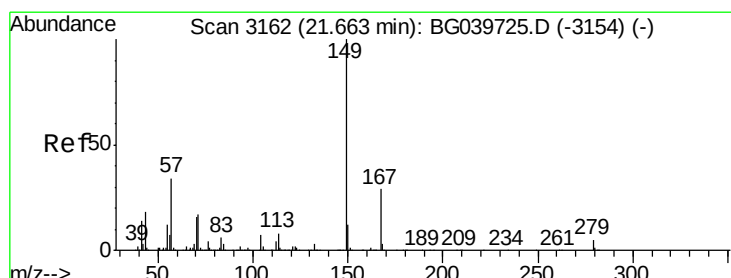
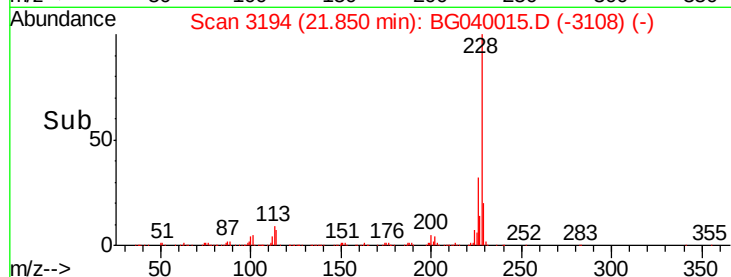
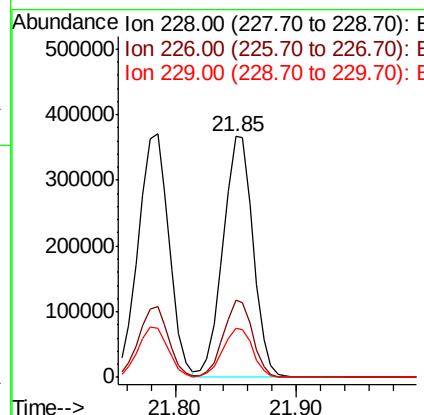
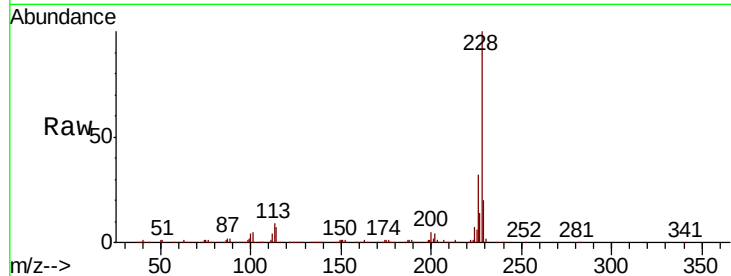
#83  
 Chrysene  
 Concen: 39.768 ng  
 RT: 21.85 min Scan# 3194  
 Delta R.T. -0.03 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

Instrument :  
 BNA\_G  
 ClientSampled :  
 SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 25.8  | 38.6  |
| 229     | 20.3  | 16.6  | 25.0  |

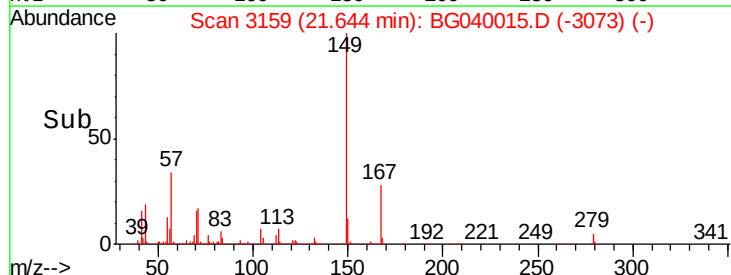
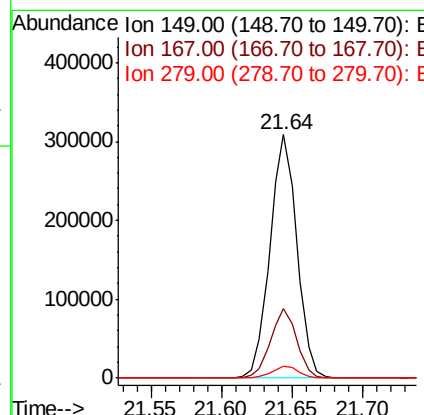
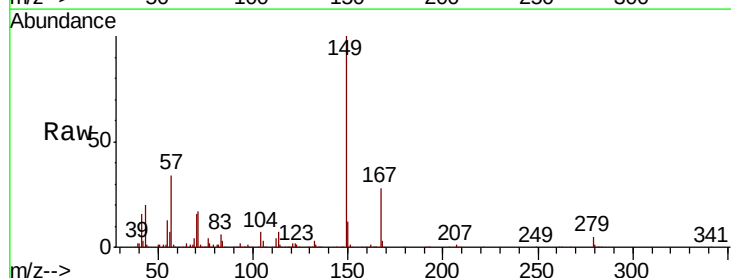
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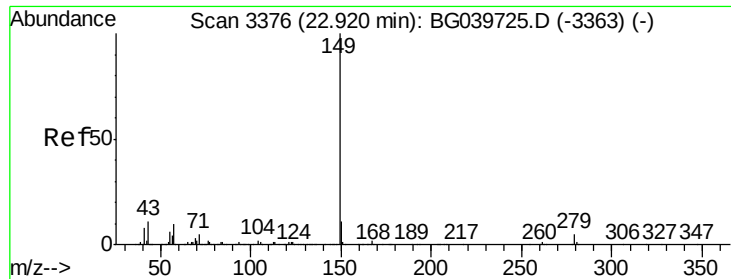
Sohil  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.793 ng  
 RT: 21.64 min Scan# 3159  
 Delta R.T. -0.03 min  
 Lab File: BG040015.D  
 Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.6  | 34.0  |
| 279     | 4.7   | 3.5   | 5.3   |





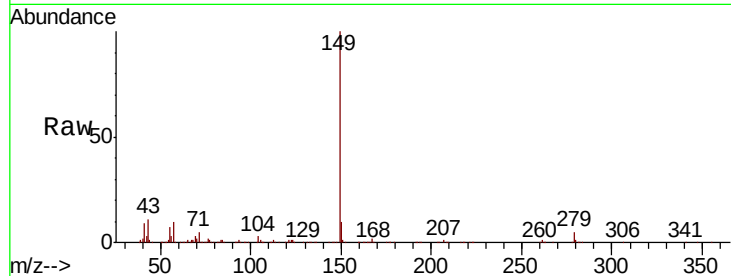
#85  
Di-n-octyl phthalate  
Concen: 46.284 ng  
RT: 22.90 min Scan# 3372  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 11.4  | 10.2  | 15.4  |

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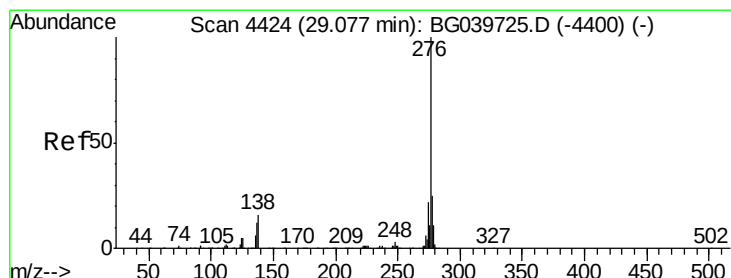
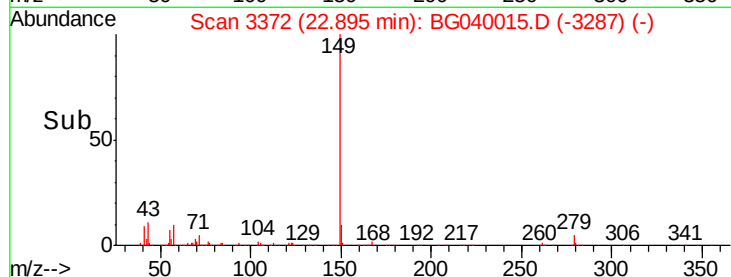
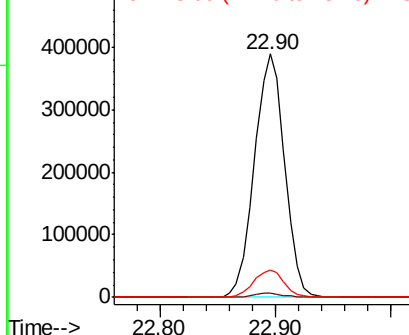


Abundance

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: 41.835 ng  
RT: 29.03 min Scan# 4416  
Delta R.T. -0.06 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

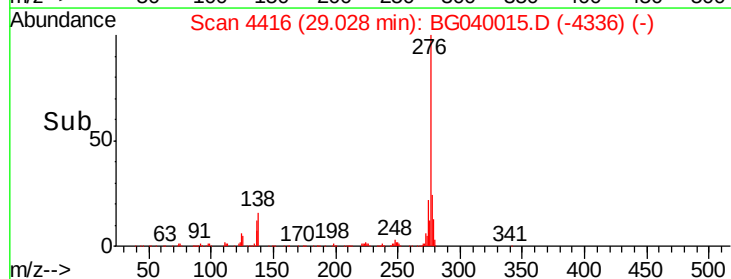
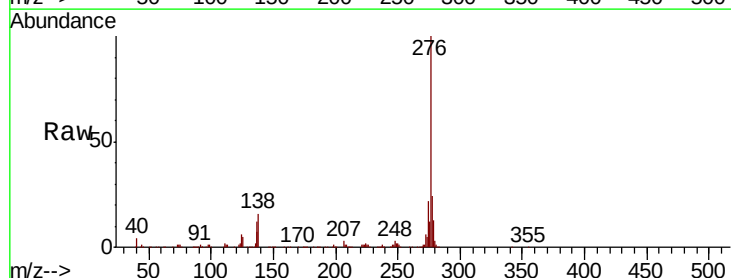
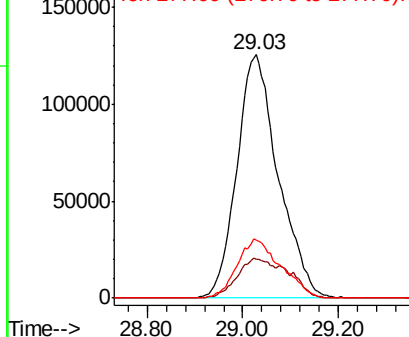
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.8  | 12.6  | 19.0  |
| 277     | 25.7  | 20.8  | 31.2  |

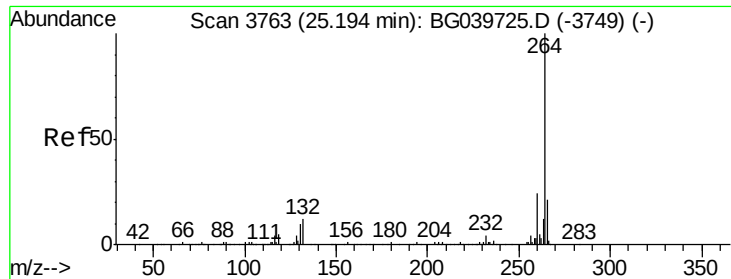
Abundance

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





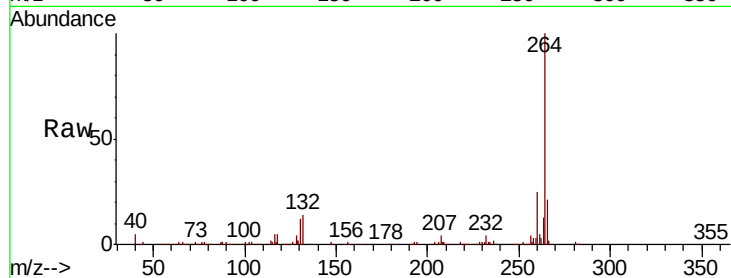
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.16 min Scan# 3758  
Delta R.T. -0.04 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 18.2  | 27.4  |
| 265     | 21.2  | 18.5  | 27.7  |

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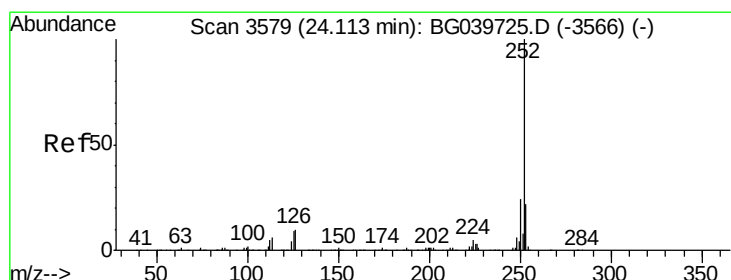
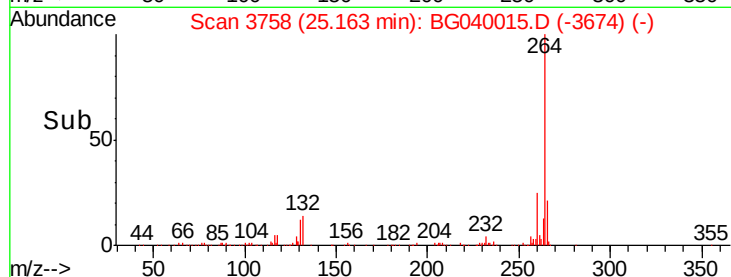
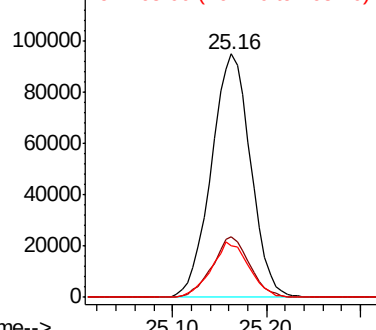


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88  
Benzo(b)fluoranthene  
Concen: 41.292 ng  
RT: 24.09 min Scan# 3575  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

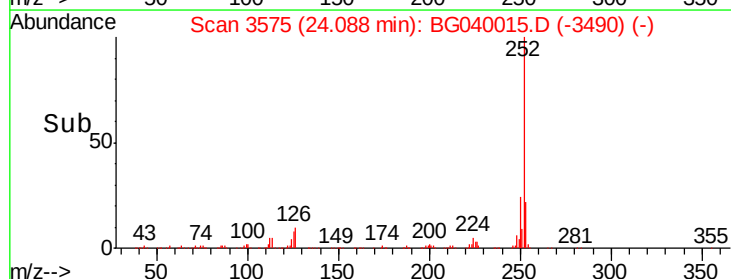
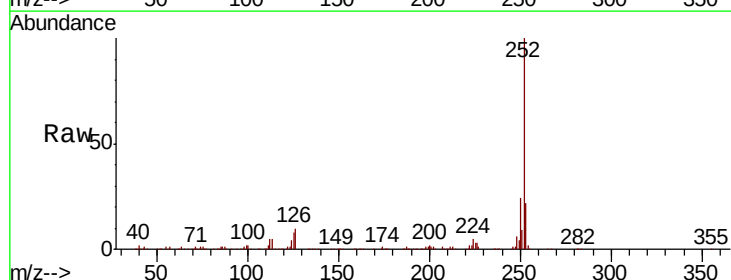
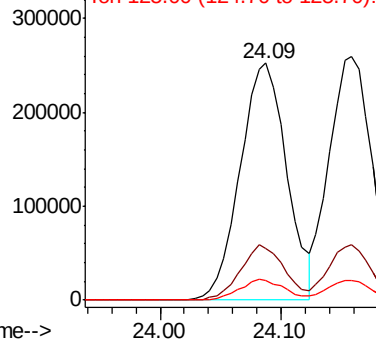
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.8  |
| 125     | 8.4   | 7.8   | 11.6  |

Abundance

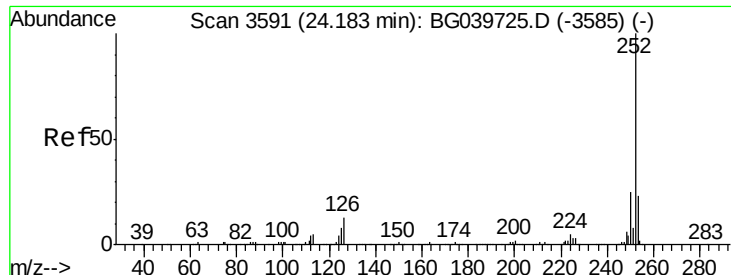
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







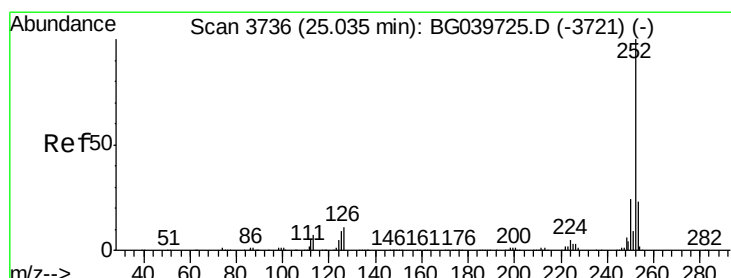
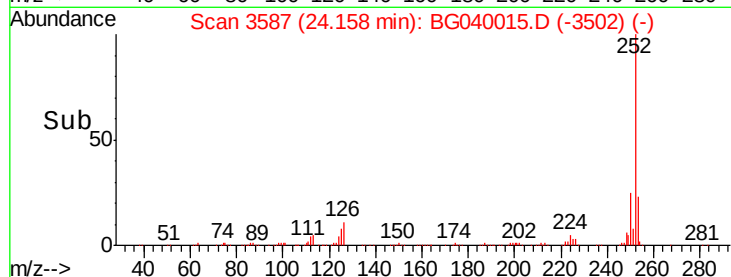
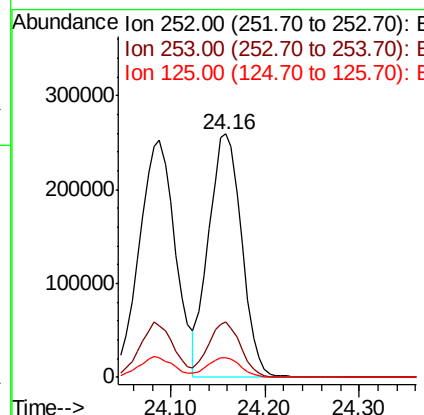
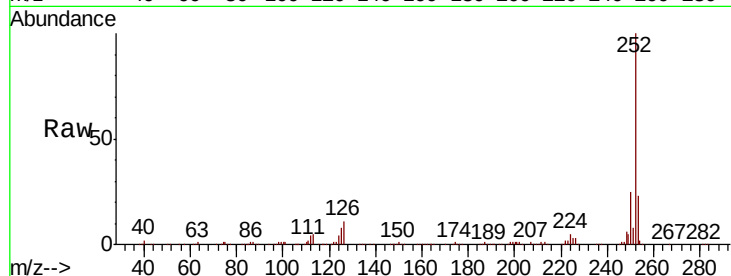
#89  
Benzo(k)fluoranthene  
Concen: 41.846 ng  
RT: 24.16 min Scan# 3587  
Delta R.T. -0.03 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampleId :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.2  | 27.2  |
| 125     | 8.0   | 7.4   | 11.2  |

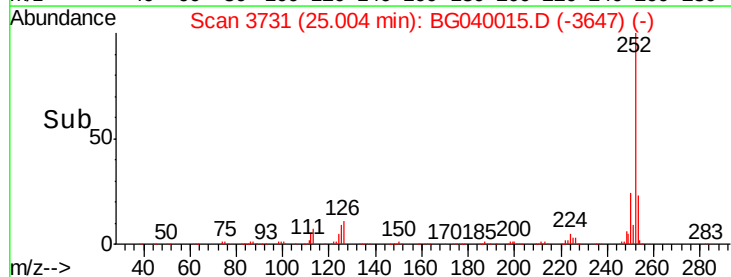
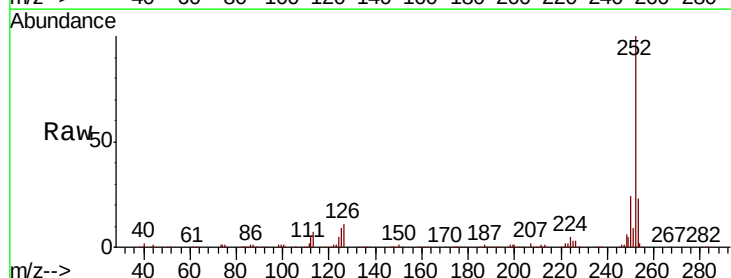
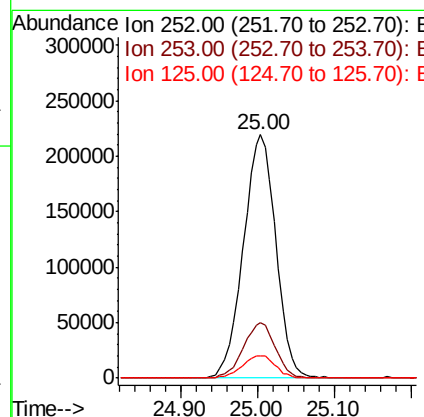
Manual Integrations  
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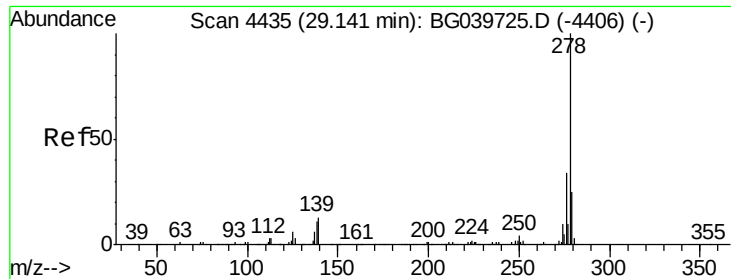
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#90  
Benzo(a)pyrene  
Concen: 42.923 ng  
RT: 25.00 min Scan# 3731  
Delta R.T. -0.04 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 9.3   | 8.3   | 12.5  |





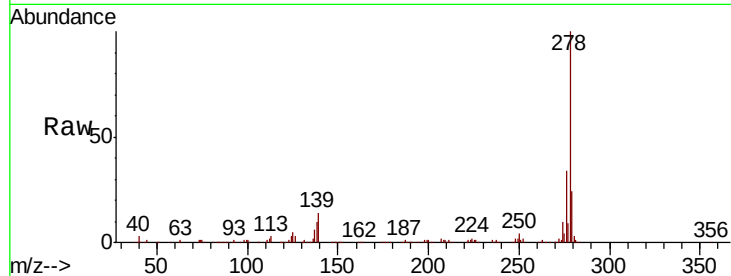
#91  
Dibenzo(a,h)anthracene  
Concen: 41.772 ng  
RT: 29.09 min Scan# 4427  
Delta R.T. -0.06 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

Instrument :  
BNA\_G  
ClientSampled :  
SPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.0  | 11.7  | 17.5  |
| 279     | 24.0  | 19.1  | 28.7  |

Manual Integrations  
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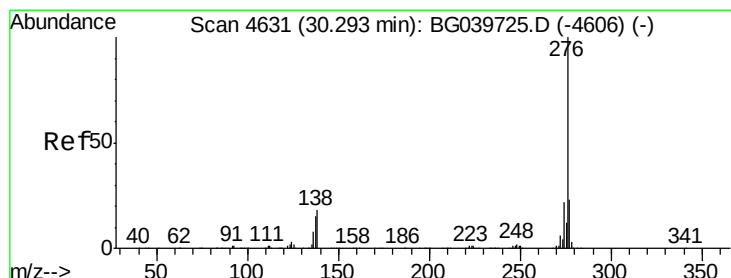
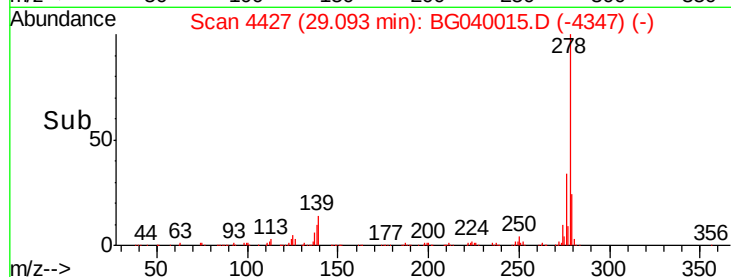
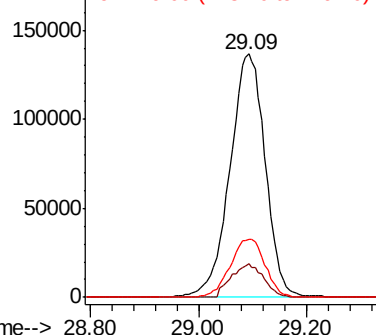


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 42.198 ng  
RT: 30.25 min Scan# 4624  
Delta R.T. -0.06 min  
Lab File: BG040015.D  
Acq: 19 Mar 2019 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 19.6  | 29.4  |
| 138     | 16.5  | 14.7  | 22.1  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

