Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
Data File : BG039896.D
Acq On : 13 Mar 2019 6:07
Operator : JU/SJ
Sample : K1697-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SU-04-031119-AMSD

Quant Time: Mar 13 07:15:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 37774 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.97 | 136 | 157441 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.78 | 164 | 108824 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.52 | 188 | 279594 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.81 | 240 | 279373 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.18 | 264 | 291847 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 319822 | 144.44 | ng | | 0.00 |
| 7) Phenol-d6 | 7.30 | 99 | 419177 | 126.97 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 314247 | 107.95 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 213434 | 168.27 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.40 | 172 | 750683 | 98.22 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.11 | 244 | 1269884 | 100.08 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.60 | 88 | 38331 | 37.498 | ng | # | 1 |
| 3) Pyridine | 4.01 | 79 | 93348 | 34.110 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.92 | 42 | 51978 | 40.037 | ng | # | 91 |
| 6) Aniline | 7.48 | 93 | 47209 | 10.914 | ng | | 94 |
| 8) 2-Chlorophenol | 7.71 | 128 | 115258 | 42.907 | ng | | 98 |
| 9) Benzaldehyde | 7.29 | 77 | 53795 | 25.260 | ng | | 95 |
| 10) Phenol | 7.33 | 94 | 130227 | 36.411 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 116833 | 41.898 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.04 | 146 | 127825 | 42.075 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.19 | 146 | 128256 | 41.446 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.51 | 146 | 123915 | 41.445 | ng | | 97 |
| 15) Benzyl Alcohol | 8.39 | 79 | 112380 | 42.911 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67 | 45 | 226511 | 40.615 | ng | | 99 |
| 17) 2-Methylphenol | 8.59 | 107 | 99937 | 43.822 | ng | | 98 |
| 18) Hexachloroethane | 9.24 | 117 | 45426 | 40.911 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.96 | 70 | 94991 | 39.974 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.92 | 107 | 139127 | 43.914 | ng | | 97 |
| 22) Acetophenone | 8.98 | 105 | 180876 | 42.804 | ng | # | 93 |
| 24) Nitrobenzene | 9.37 | 77 | 142372 | 46.620 | ng | | 96 |
| 25) Isophorone | 9.89 | 82 | 277970 | 45.572 | ng | | 98 |
| 26) 2-Nitrophenol | 10.08 | 139 | 70987 | 48.144 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.13 | 122 | 126247 | 55.053 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93 | 167096 | 45.079 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.61 | 162 | 134996 | 52.285 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.83 | 180 | 132708 | 45.677 | ng | | 99 |
| 31) Naphthalene | 11.03 | 128 | 377051 | 45.233 | ng | | 99 |
| 32) Benzoic acid | 10.13 | 122 | 126247 | 75.757 | ng | # | 15 |
| 33) 4-Chloroaniline | 11.14 | 127 | 9451 | 2.674 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.28 | 225 | 86331 | 43.484 | ng | | 98 |
| 35) Caprolactam | 11.91 | 113 | 25559 | 25.915 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.24 | 107 | 151653 | 51.239 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.62 | 142 | 288578 | 46.305 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.83 | 142 | 277369 | 45.798 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 162372 | 44.043 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
Data File : BG039896.D
Acq On : 13 Mar 2019 6:07
Operator : JU/SJ
Sample : K1697-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SU-04-031119-AMSD

Quant Time: Mar 13 07:15:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.94 | 237 | 168599 | 85.336 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.22 | 196 | 113821 | 52.734 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.29 | 196 | 124981 | 51.371 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.62 | 154 | 400204 | 44.712 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.66 | 162 | 304160 | 45.171 | ng | | 98 |
| 48) 2-Nitroaniline | 13.87 | 65 | 113727 | 52.556 | ng | | 96 |
| 49) Acenaphthylene | 14.51 | 152 | 497331 | 44.992 | ng | | 99 |
| 50) Dimethylphthalate | 14.23 | 163 | 429136 | 47.159 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.36 | 165 | 96832 | 50.195 | ng | | 99 |
| 52) Acenaphthene | 14.84 | 154 | 302737 | 45.504 | ng | | 98 |
| 53) 3-Nitroaniline | 14.69 | 138 | 17908 | 9.235 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.89 | 184 | 15944 | 17.501 | ng | | 91 |
| 55) Dibenzofuran | 15.17 | 168 | 507258 | 46.472 | ng | | 99 |
| 56) 4-Nitrophenol | 14.98 | 139 | 107405 | 61.915 | ng | # | 86 |
| 57) 2,4-Dinitrotoluene | 15.14 | 165 | 139118 | 51.323 | ng | | 85 |
| 58) Fluorene | 15.82 | 166 | 403307 | 47.000 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.40 | 232 | 117269 | 49.355 | ng | | 95 |
| 60) Diethylphthalate | 15.58 | 149 | 436594 | 48.467 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204 | 213278 | 46.577 | ng | | 97 |
| 62) 4-Nitroaniline | 15.85 | 138 | 96366 | 45.839 | ng | | 99 |
| 63) Azobenzene | 16.10 | 77 | 394011 | 48.252 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.90 | 198 | 23517 | 14.226 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.02 | 169 | 375077 | 46.338 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.70 | 248 | 141648 | 45.261 | ng | | 97 |
| 68) Hexachlorobenzene | 16.82 | 284 | 146575 | 45.183 | ng | | 95 |
| 69) Atrazine | 16.96 | 200 | 151802 | 47.652 | ng | | 96 |
| 70) Pentachlorophenol | 17.16 | 266 | 80437 | 39.261 | ng | | 98 |
| 71) Phenanthrene | 17.56 | 178 | 697453 | 45.288 | ng | | 99 |
| 72) Anthracene | 17.66 | 178 | 703951 | 46.907 | ng | | 99 |
| 73) Carbazole | 17.93 | 167 | 623646 | 46.096 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.46 | 149 | 757741 | 47.602 | ng | | 99 |
| 75) Fluoranthene | 19.57 | 202 | 832204 | 45.724 | ng | | 99 |
| 77) Benzidine | 19.75 | 184 | 84328 | 9.512 | ng | | 98 |
| 78) Pyrene | 19.93 | 202 | 849795 | 46.811 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.79 | 149 | 353857 | 50.312 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.79 | 228 | 810176 | 46.272 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.70 | 252 | 74277 | 11.619 | ng | | 97 |
| 83) Chrysene | 21.86 | 228 | 773939 | 45.594 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 489539 | 49.531 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.91 | 149 | 827267 | 50.552 | ng | | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 29.05 | 276 | 867674 | 45.058 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 24.10 | 252 | 809875 | 46.535 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.17 | 252 | 773007 | 47.717 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.02 | 252 | 782078 | 48.631 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.12 | 278 | 717344 | 45.500 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.27 | 276 | 696426 | 43.983 | ng | | 97 |

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

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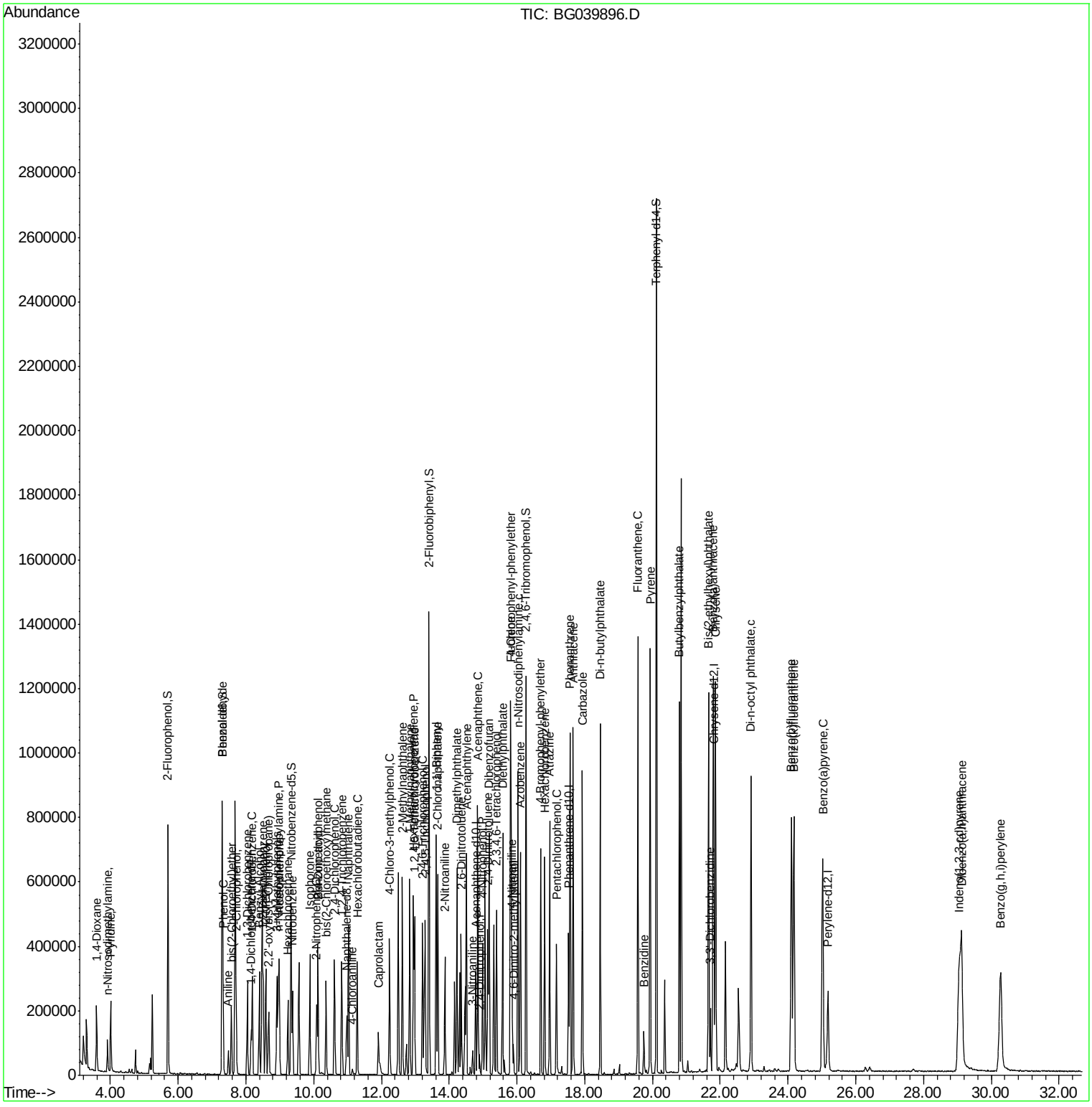
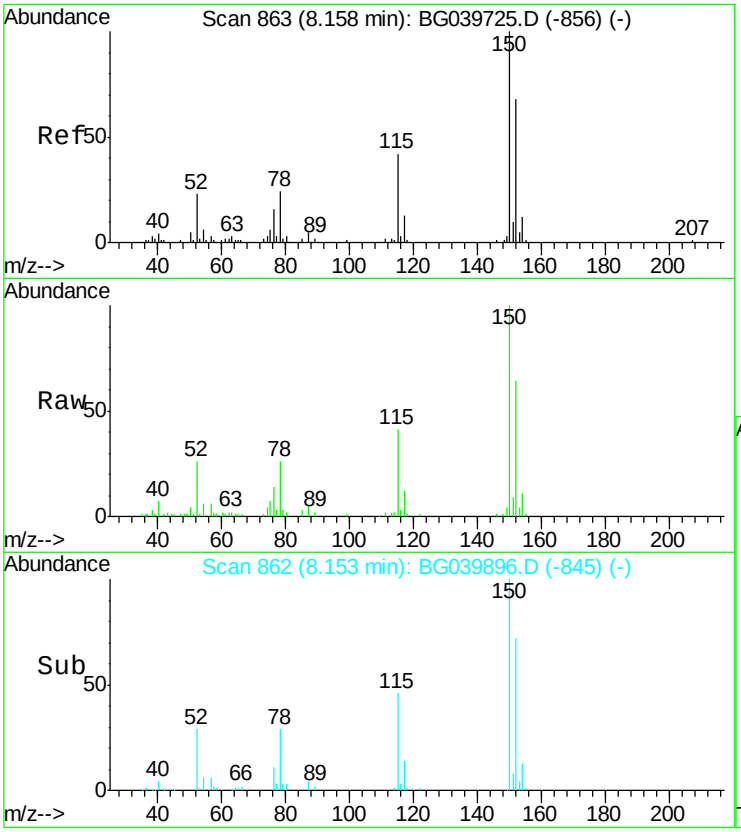
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
Data File : BG039896.D
Acq On : 13 Mar 2019 6:07
Operator : JU/SJ
Sample : K1697-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Quant Time: Mar 13 07:15:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration



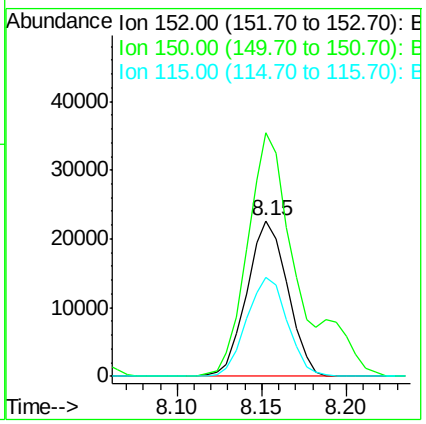


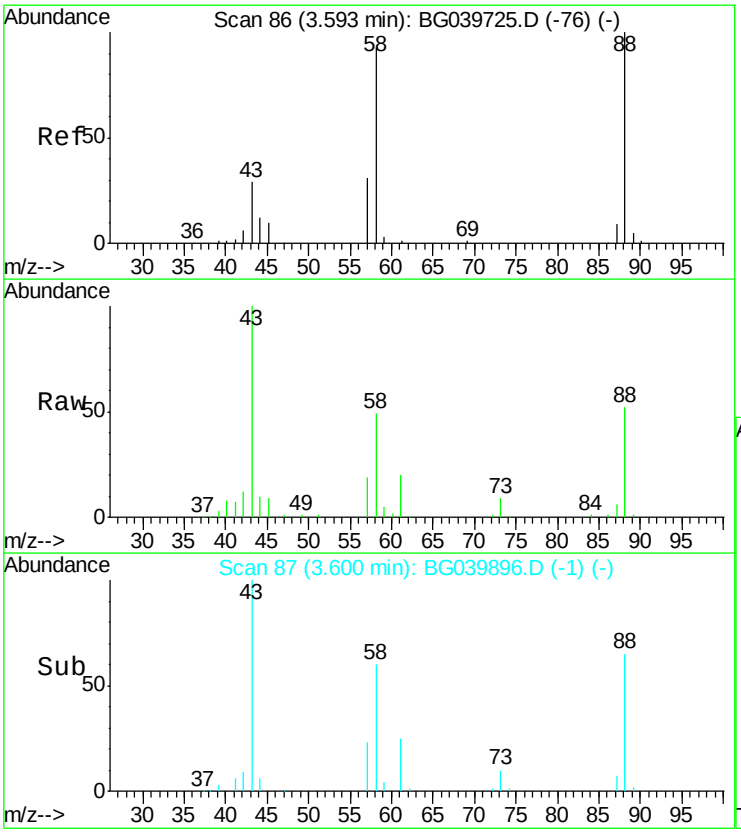

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:152 Resp: 37774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.6 | 123.7 | 185.5 |
| 115 | 63.5 | 45.9 | 68.9 |

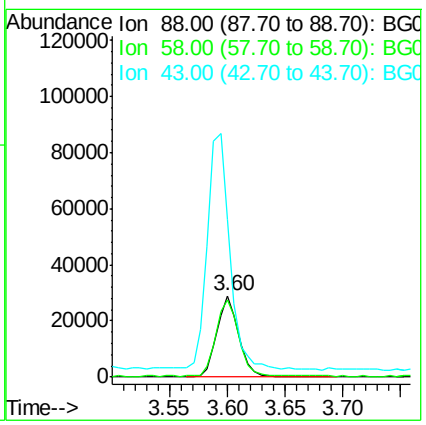


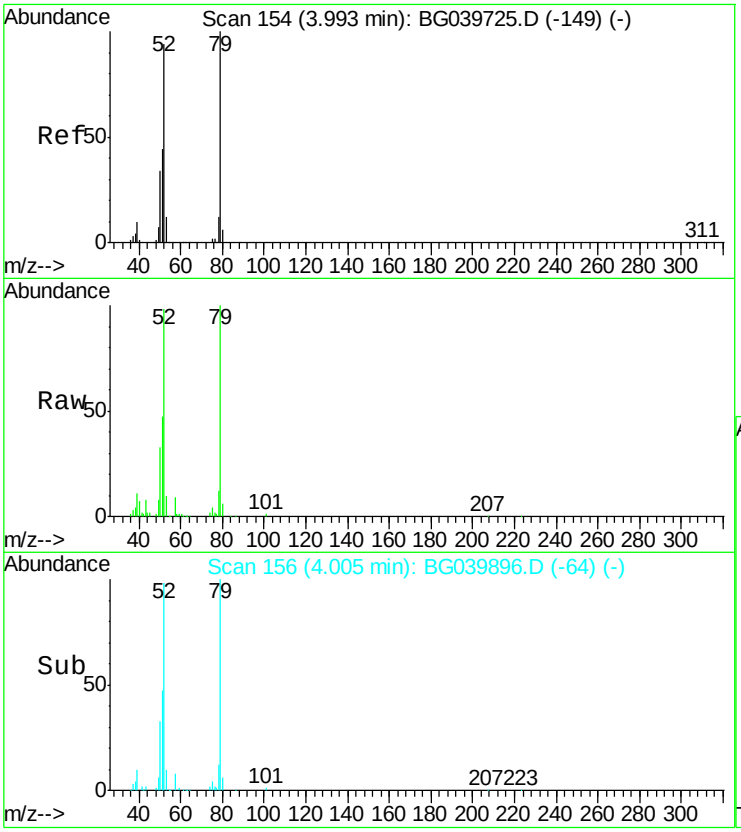




#2
1,4-Dioxane
Concen: 37.498 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 88 Resp: 38331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.7 | 81.1 | 121.7 |
| 43 | 302.4 | 31.4 | 47.0# |



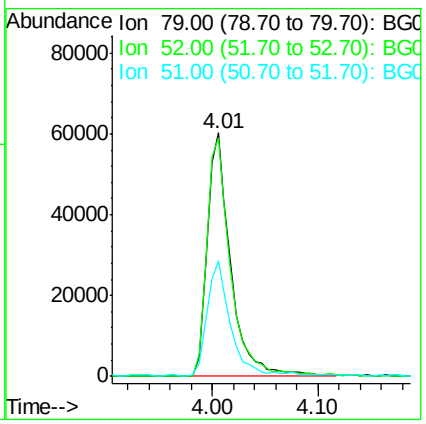


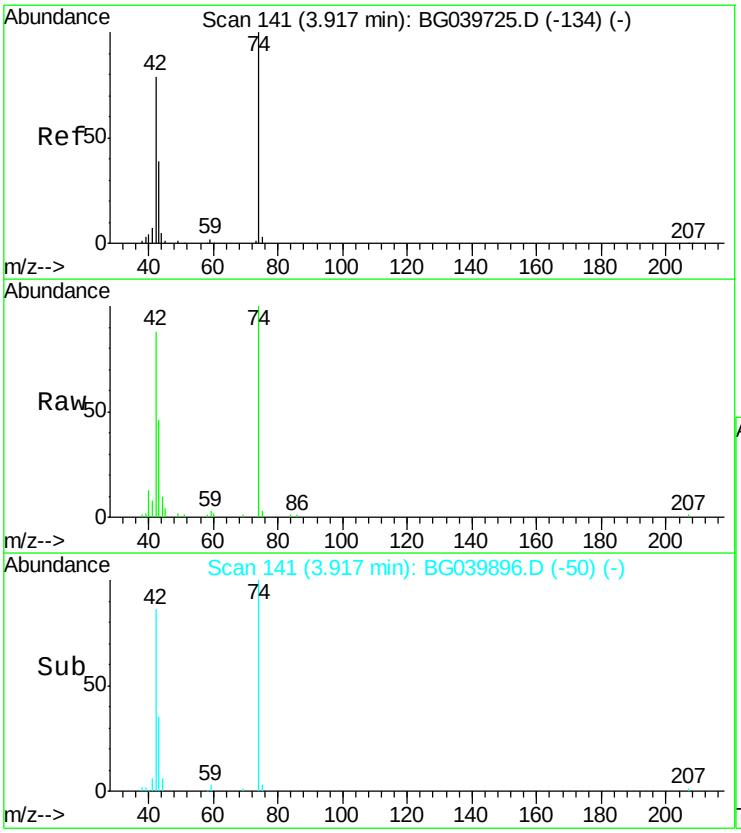

#3
Pyridine
Concen: 34.110 ng
RT: 4.01 min Scan# 156
Delta R.T. 0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 79 Resp: 93348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 97.7 | 82.6 | 124.0 |
| 51 | 47.2 | 37.5 | 56.3 |

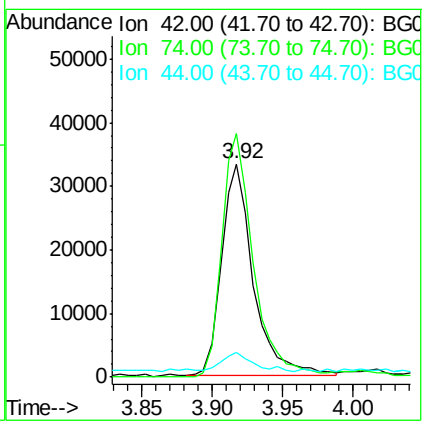


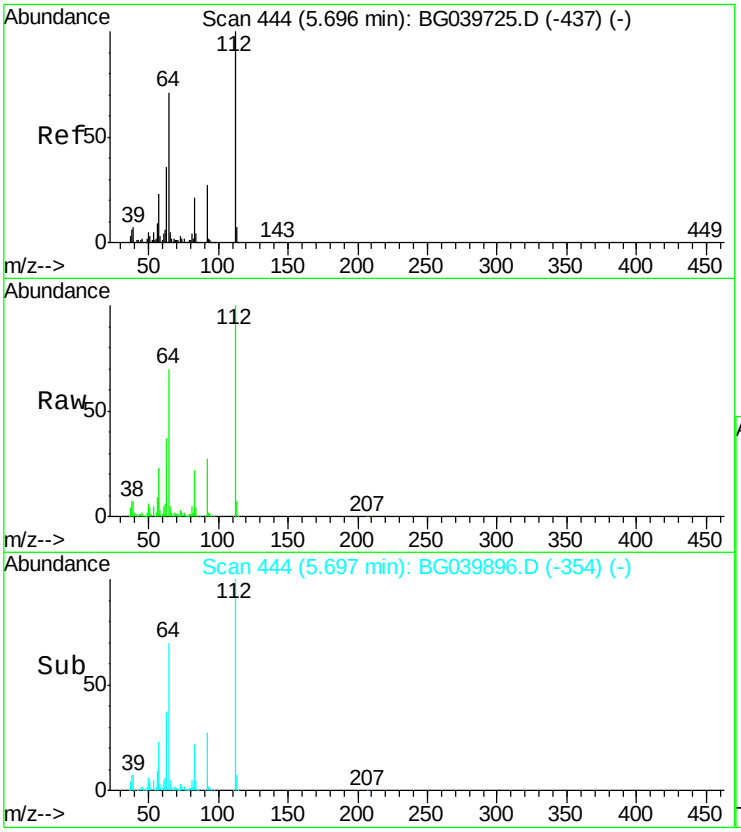




#4
n-Nitrosodimethylamine
Concen: 40.037 ng
RT: 3.92 min Scan# 141
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 42 Resp: 51978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.0 | 83.6 | 125.4 |
| 44 | 11.3 | 6.9 | 10.3# |



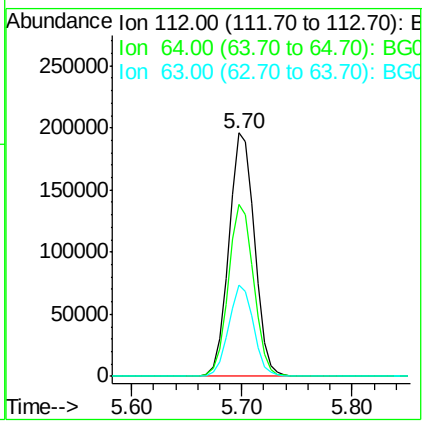


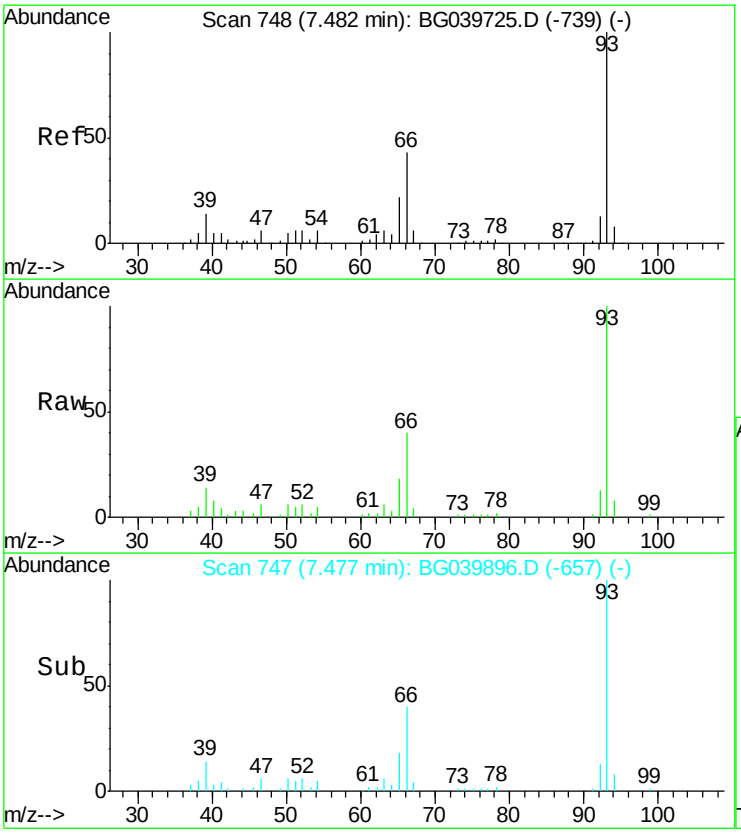

#5
2-Fluorophenol
Concen: 144.443 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:112 Resp: 319822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.4 | 57.8 | 86.8 |
| 63 | 37.3 | 29.8 | 44.6 |

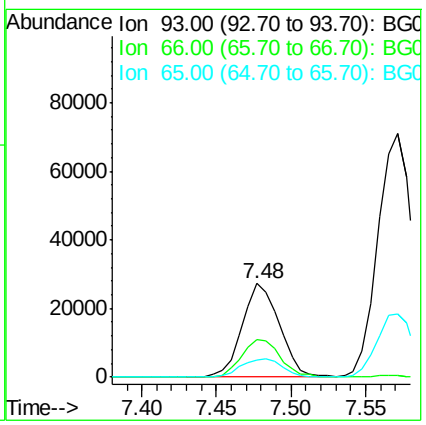


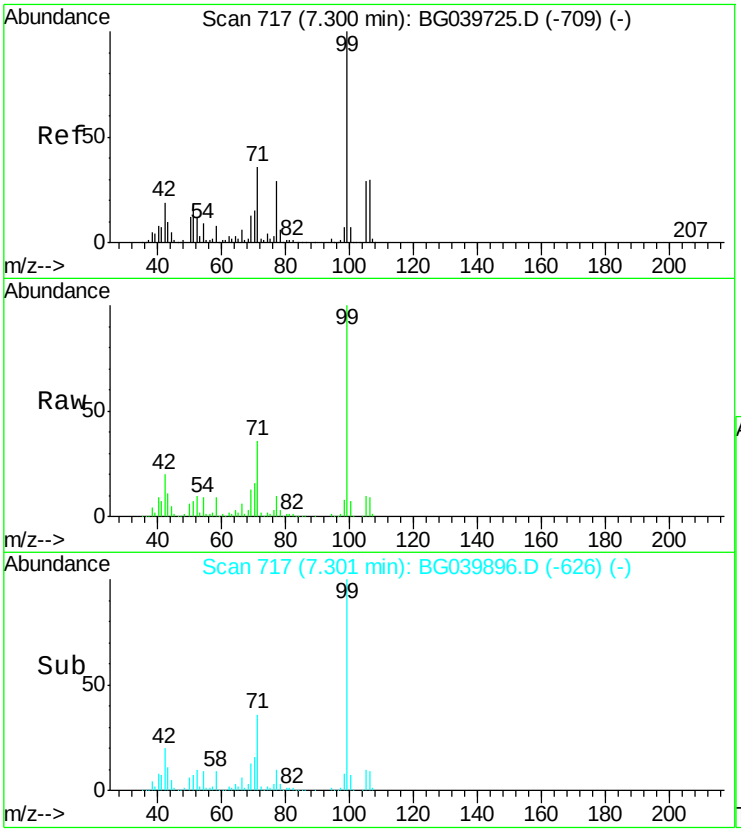




#6
Aniline
Concen: 10.914 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 93 Resp: 47209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.7 | 34.2 | 51.4 |
| 65 | 18.1 | 17.7 | 26.5 |



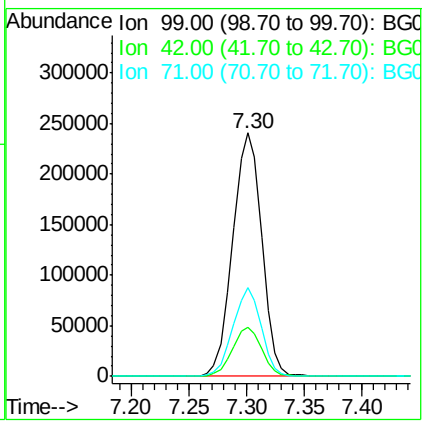


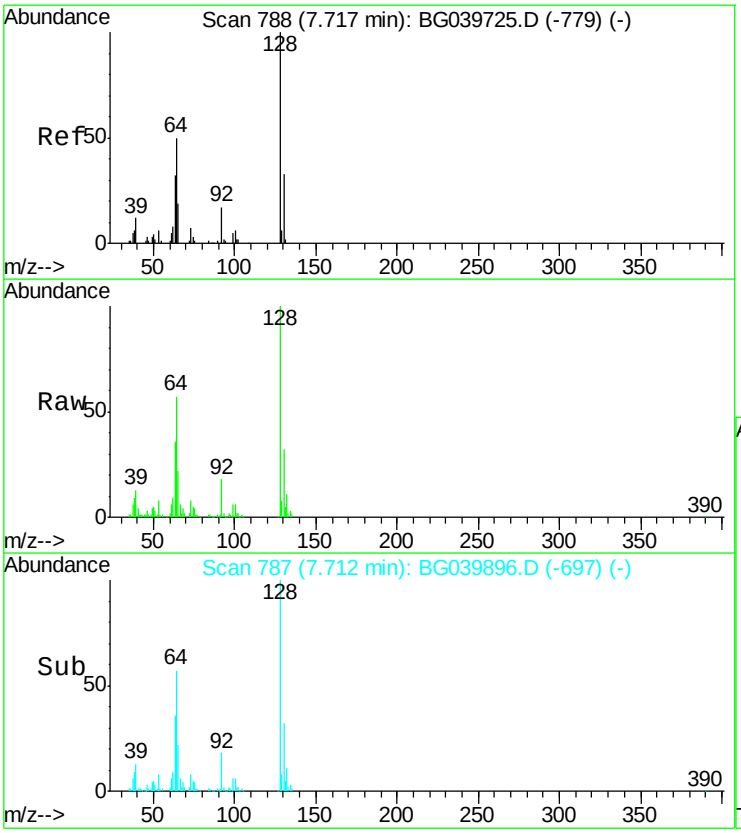

#7
Phenol-d6
Concen: 126.967 ng
RT: 7.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 99 Resp: 419177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 18.2 | 27.2 |
| 71 | 36.5 | 28.0 | 42.0 |

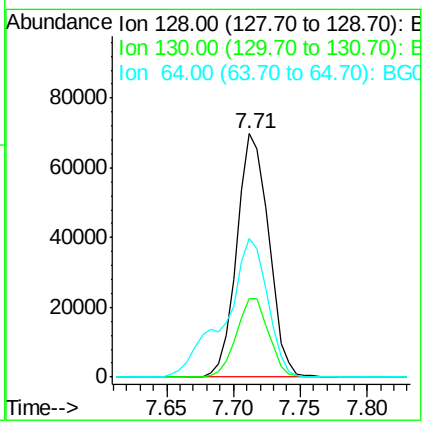


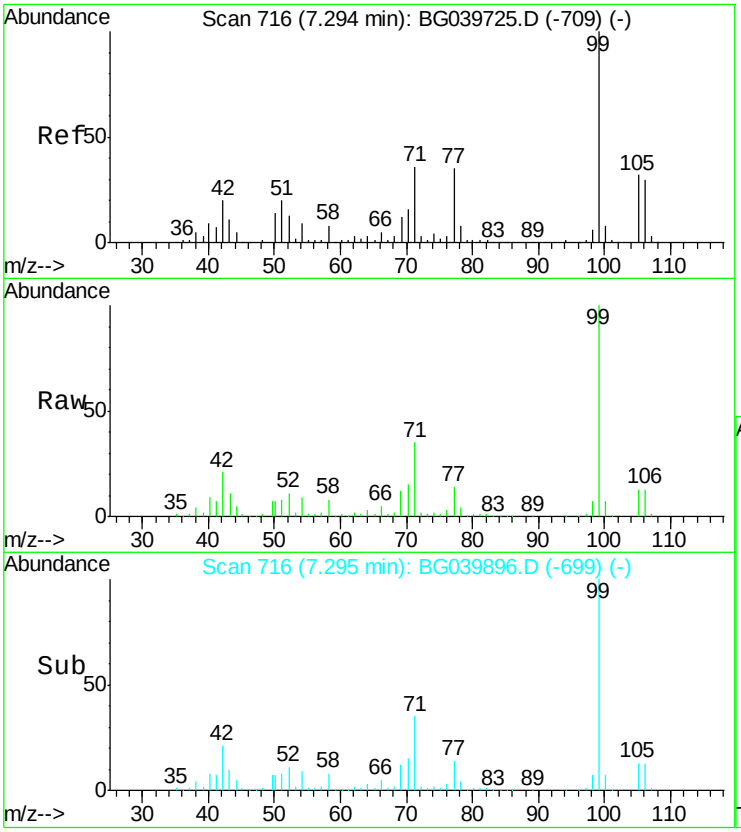




#8
2-Chlorophenol
Concen: 42.907 ng
RT: 7.71 min Scan# 787
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:128 Resp: 115258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.9 | 52.9 |
| 64 | 56.9 | 38.7 | 78.7 |



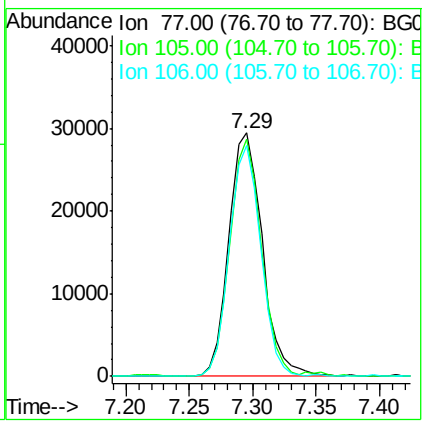


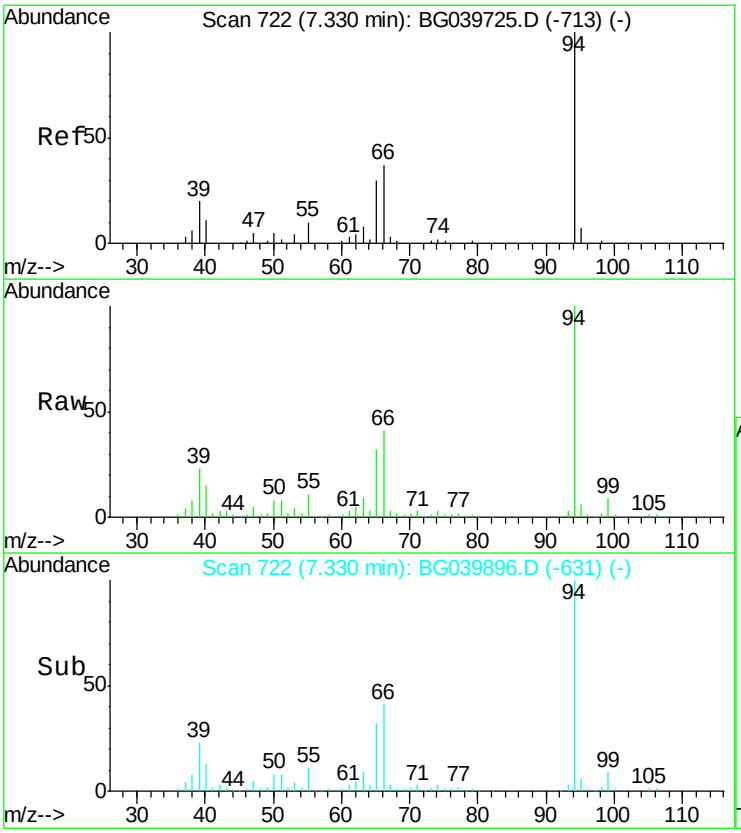

#9
Benzaldehyde
Concen: 25.260 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 77 Resp: 53795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 97.3 | 74.5 | 114.5 |
| 106 | 94.7 | 68.0 | 108.0 |

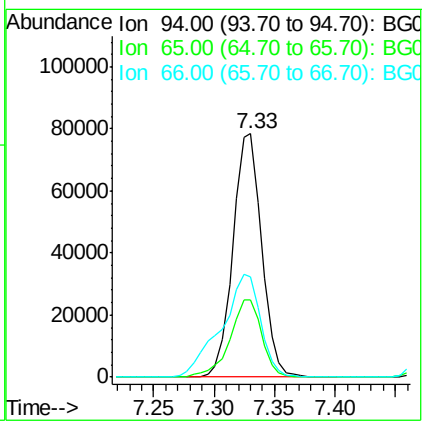


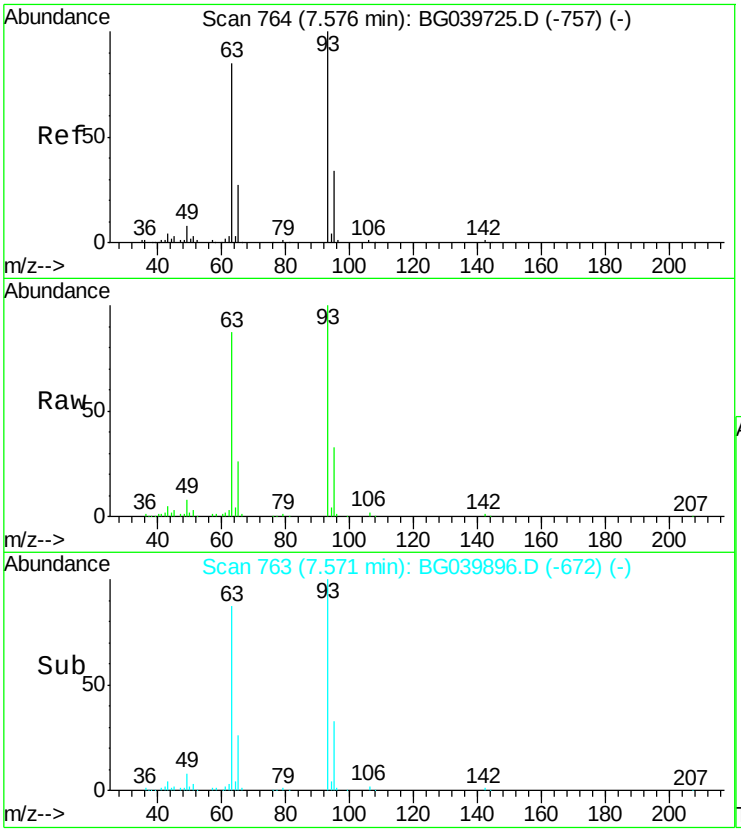




#10
Phenol
Concen: 36.411 ng
RT: 7.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 94 Resp: 130227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.9 | 11.7 | 51.7 |
| 66 | 41.3 | 23.7 | 63.7 |



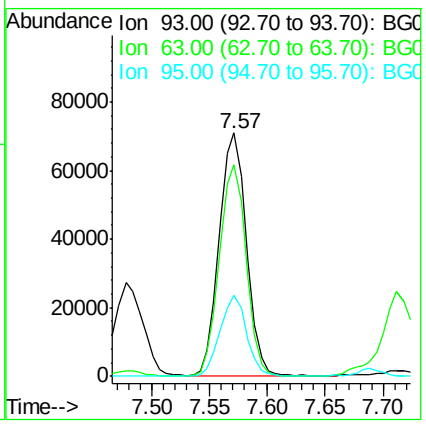


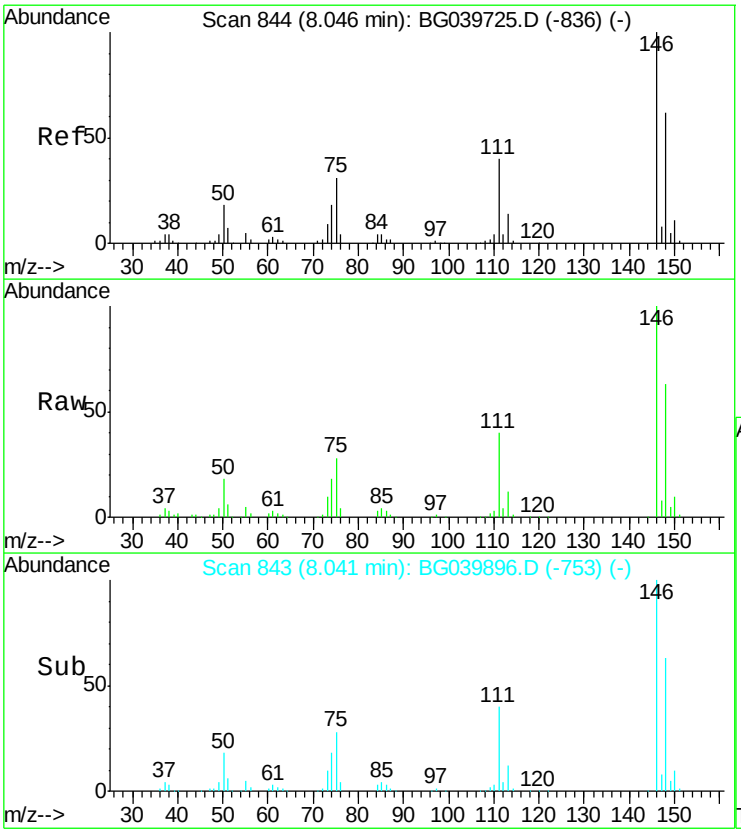

#11
bis(2-Chloroethyl)ether
Concen: 41.898 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 93 Resp: 116833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 87.2 | 69.5 | 109.5 |
| 95 | 33.2 | 12.7 | 52.7 |

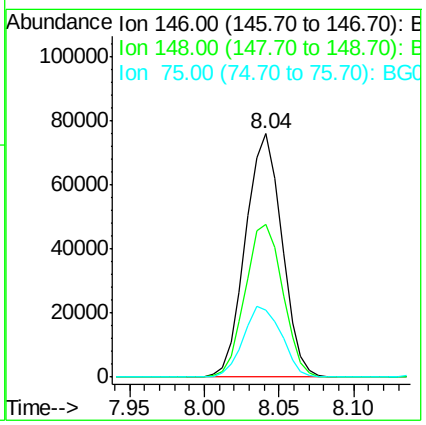


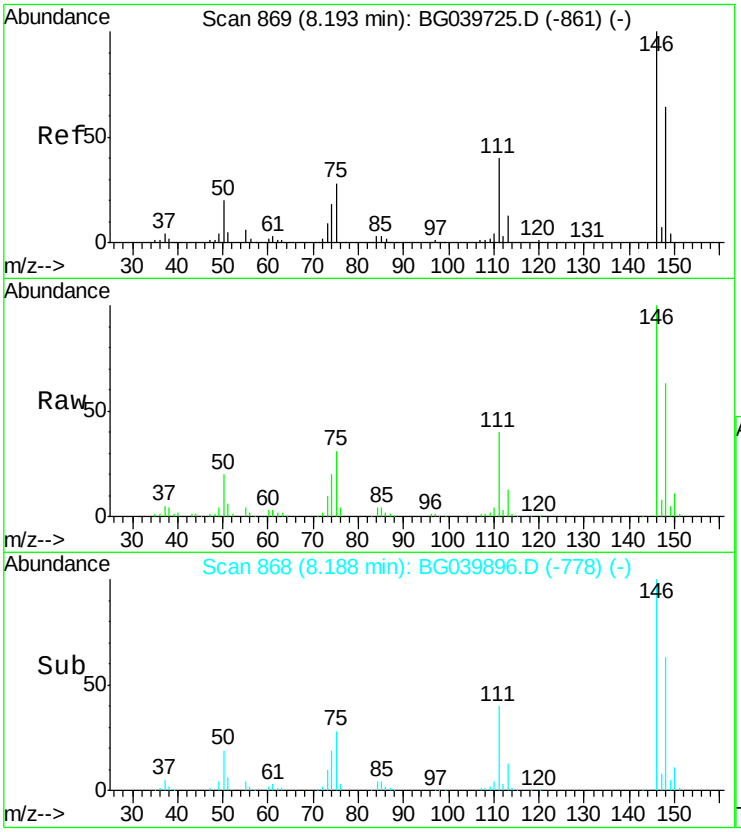




#12
1,3-Dichlorobenzene
Concen: 42.075 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:146 Resp: 127825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 52.6 | 79.0 |
| 75 | 27.7 | 25.8 | 38.6 |



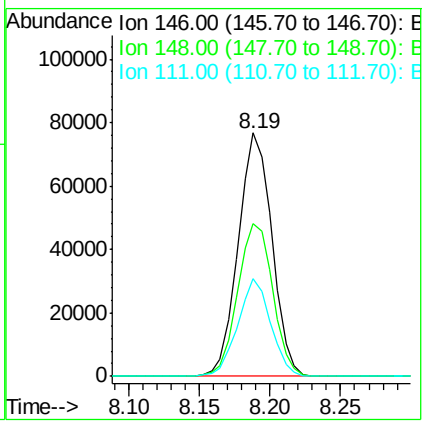


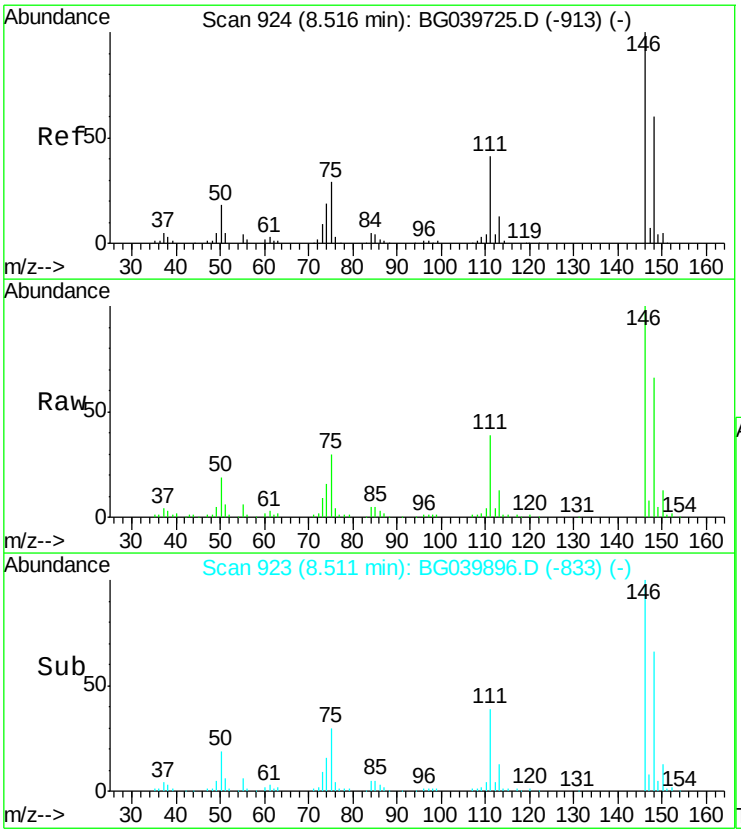

#13
1,4-Dichlorobenzene
Concen: 41.446 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:146 Resp: 128256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 51.1 | 76.7 |
| 111 | 40.3 | 32.6 | 48.8 |

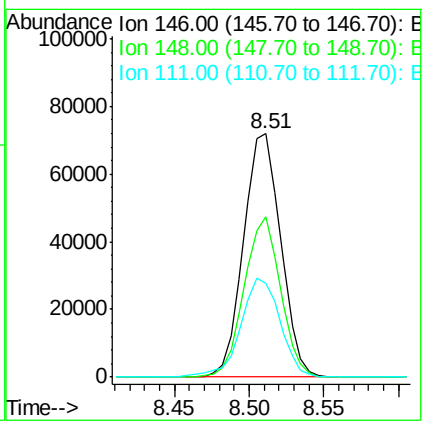


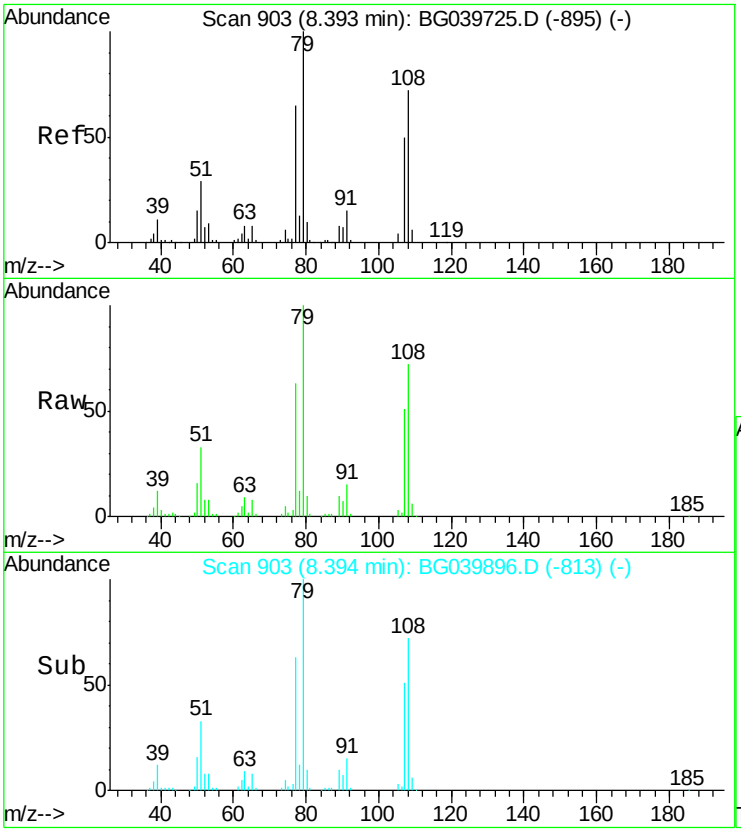




#14
1,2-Dichlorobenzene
Concen: 41.445 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:146 Resp: 123915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.0 | 51.5 | 77.3 |
| 111 | 38.6 | 33.8 | 50.6 |



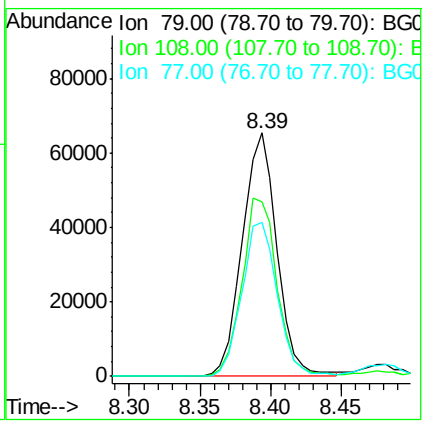


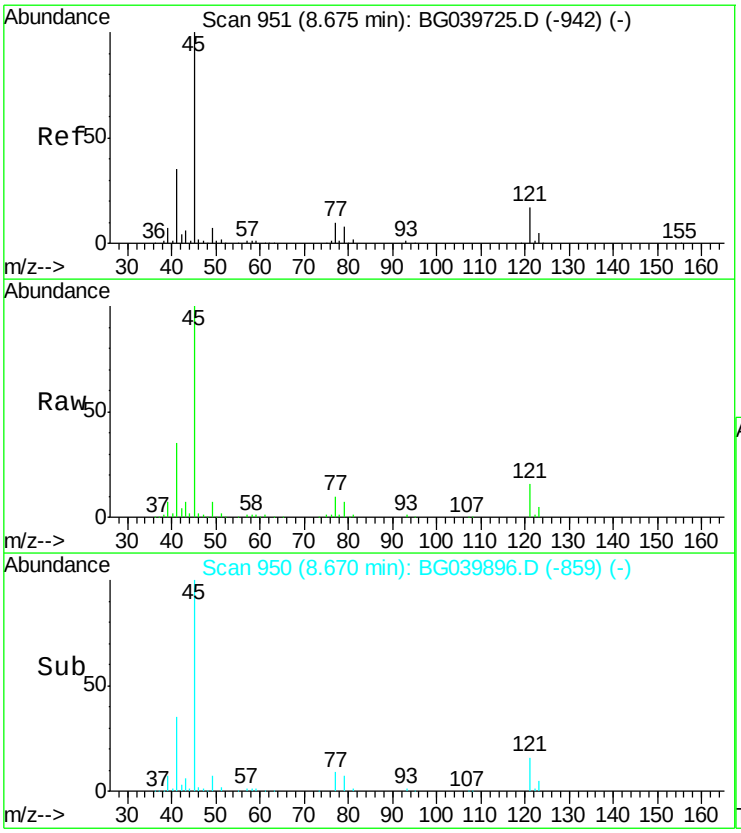

#15
Benzyl Alcohol
Concen: 42.911 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 79 Resp: 112380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 71.9 | 57.8 | 86.6 |
| 77 | 63.3 | 51.1 | 76.7 |

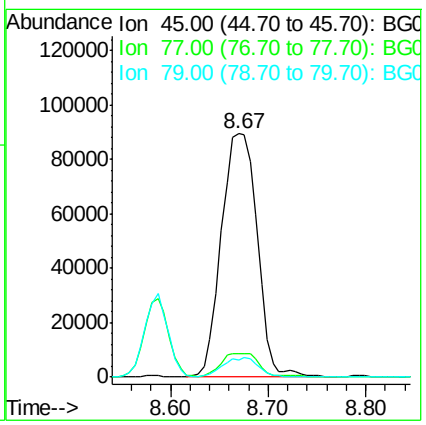


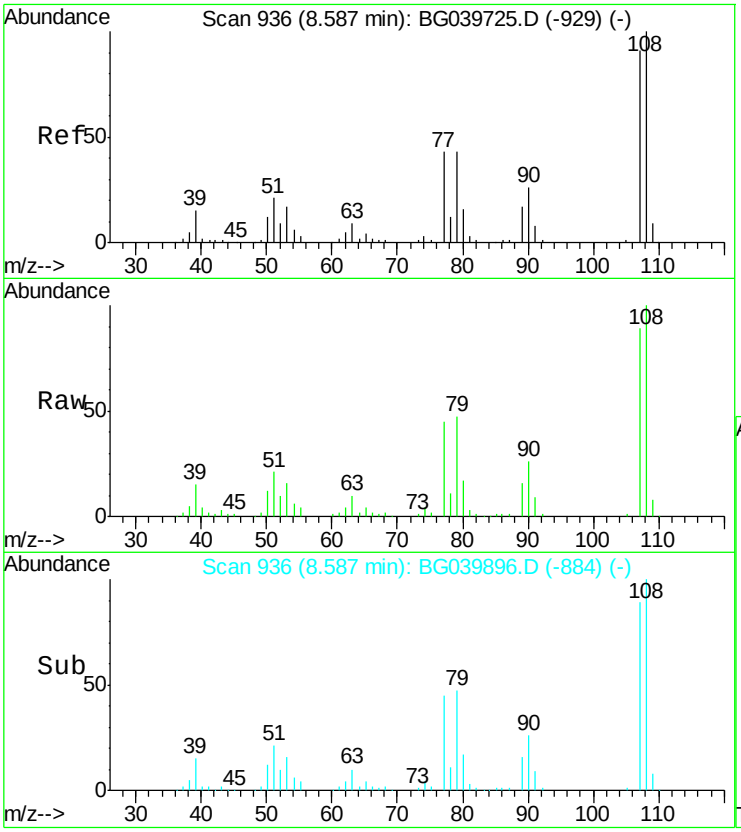




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.615 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 45 Resp: 226511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.5 | 0.0 | 30.0 |
| 79 | 7.0 | 0.0 | 27.5 |



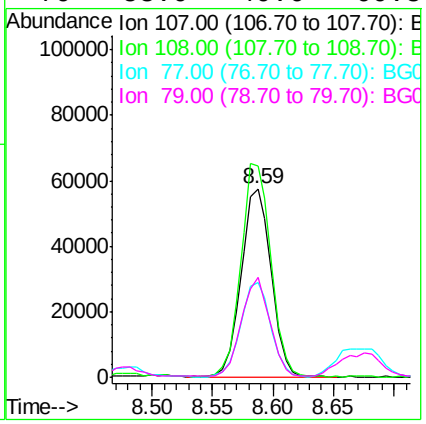


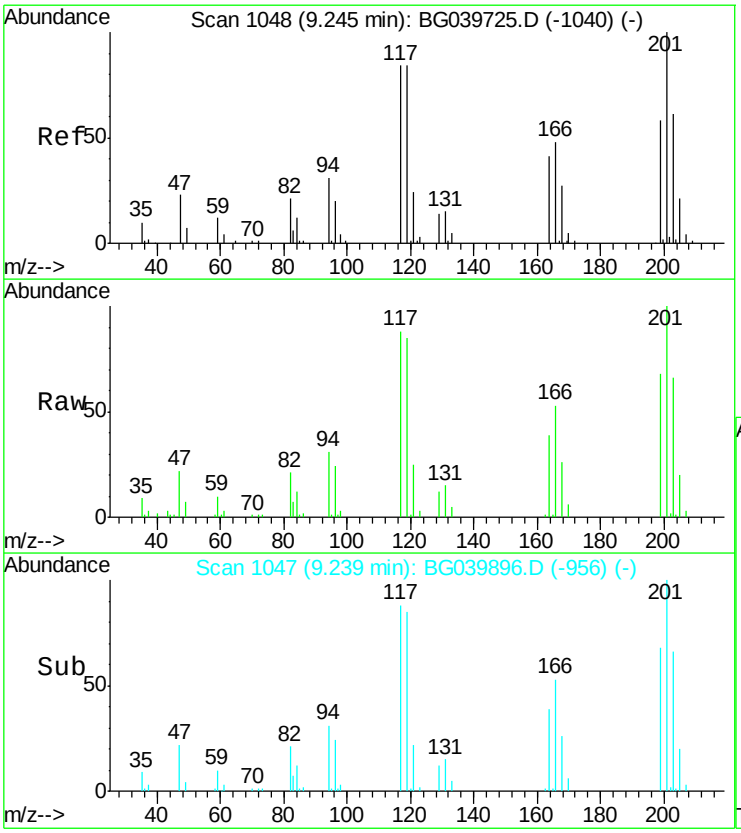

#17
2-Methylphenol
Concen: 43.822 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:107 Resp: 99937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.9 | 90.8 | 136.2 |
| 77 | 50.4 | 40.7 | 61.1 |
| 79 | 53.0 | 40.6 | 60.8 |

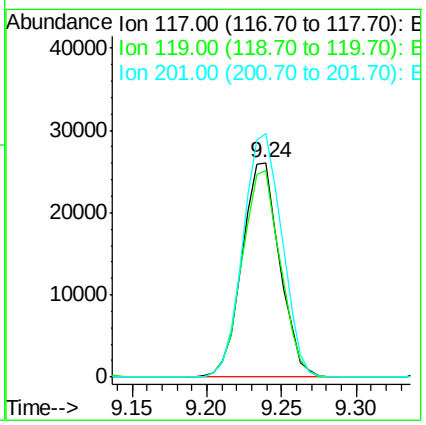


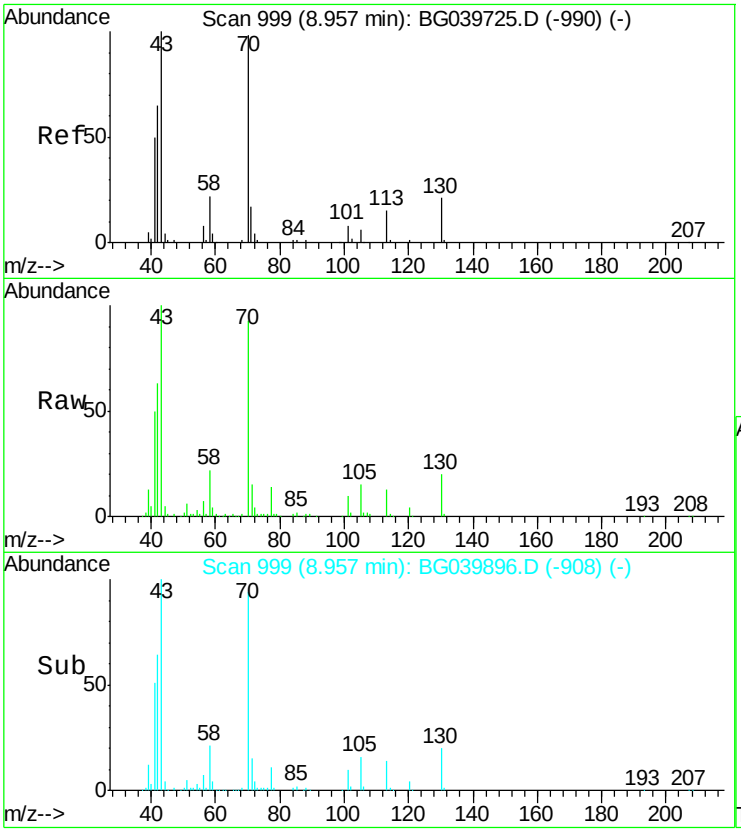




#18
Hexachloroethane
Concen: 40.911 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:117 Resp: 45426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.0 | 76.3 | 114.5 |
| 201 | 113.4 | 91.1 | 136.7 |



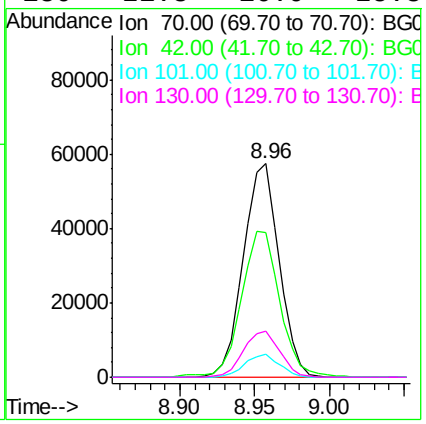


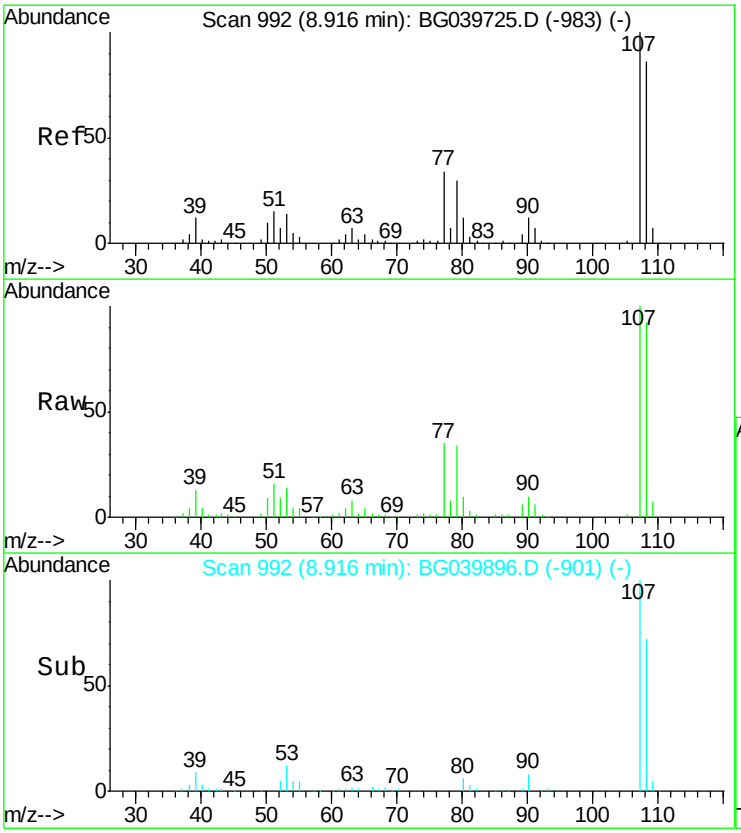

#19
n-Nitroso-di-n-propylamine
Concen: 39.974 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 70 Resp: 94991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.9 | 60.4 | 90.6 |
| 101 | 10.6 | 7.5 | 11.3 |
| 130 | 21.3 | 16.9 | 25.3 |

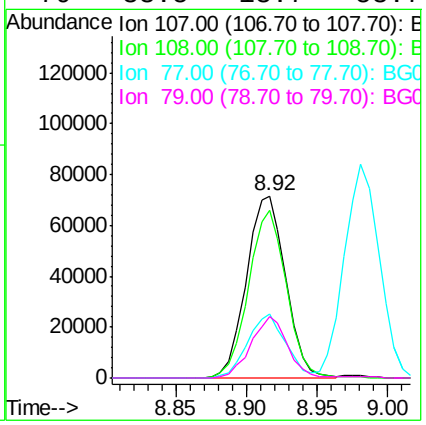


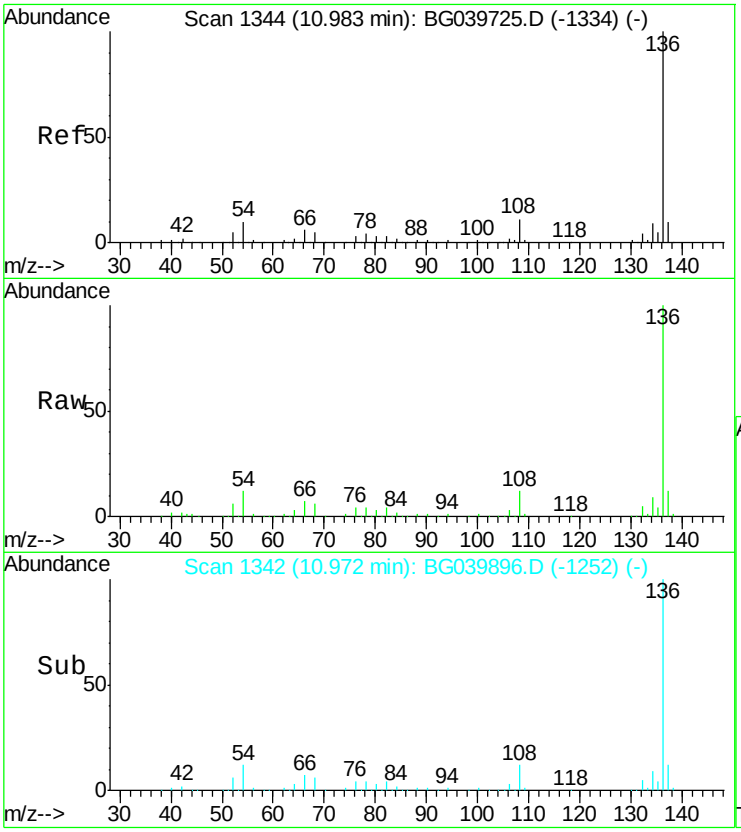




#20
3+4-Methylphenols
Concen: 43.914 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:107 Resp: 139127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.3 | 67.9 | 107.9 |
| 77 | 35.4 | 15.4 | 55.4 |
| 79 | 33.5 | 13.7 | 53.7 |



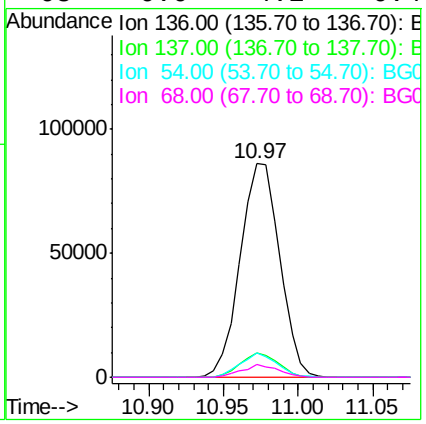


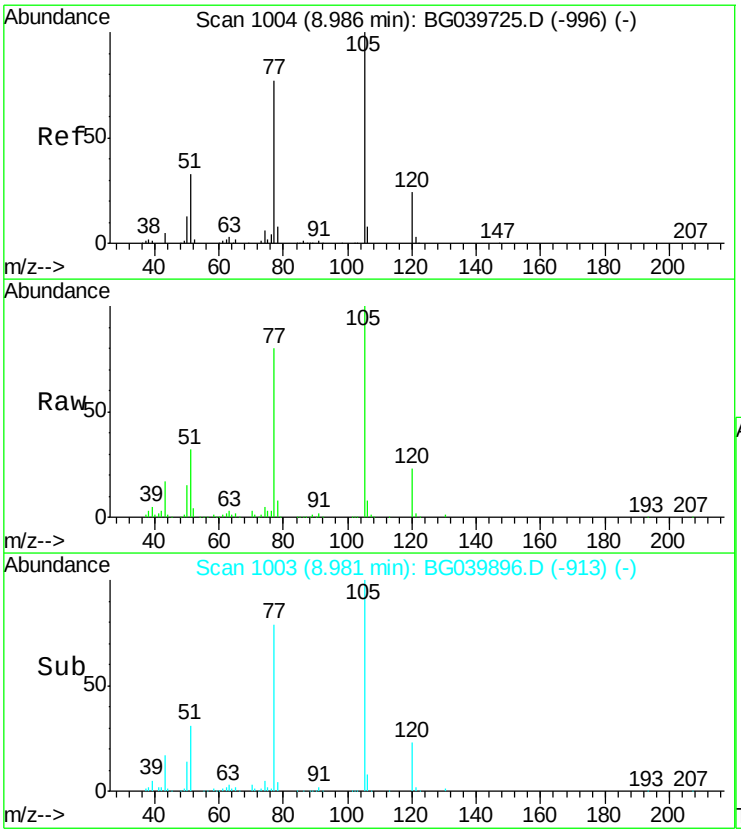

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:136 Resp: 157441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.1 | 13.7 |
| 54 | 11.7 | 9.4 | 14.2 |
| 68 | 6.0 | 4.2 | 6.4 |

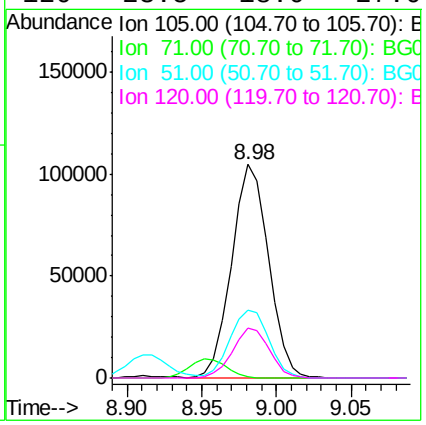


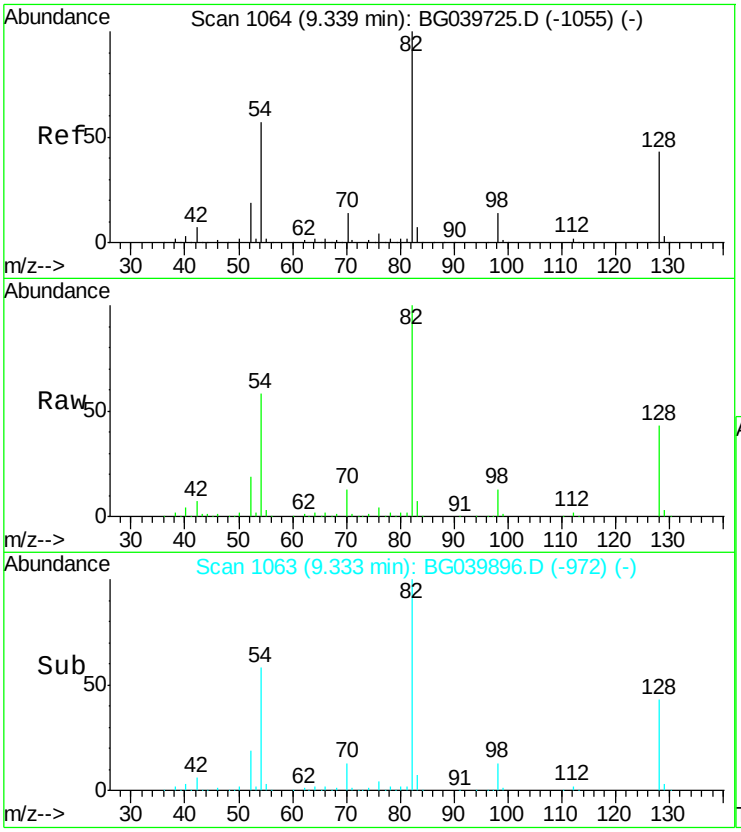




#22
Acetophenone
Concen: 42.804 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:105 Resp: 180876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.6 | 0.8 | 1.2# |
| 51 | 31.8 | 30.2 | 45.2 |
| 120 | 23.5 | 18.0 | 27.0 |



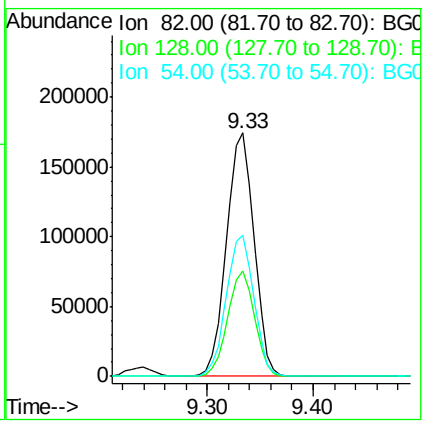


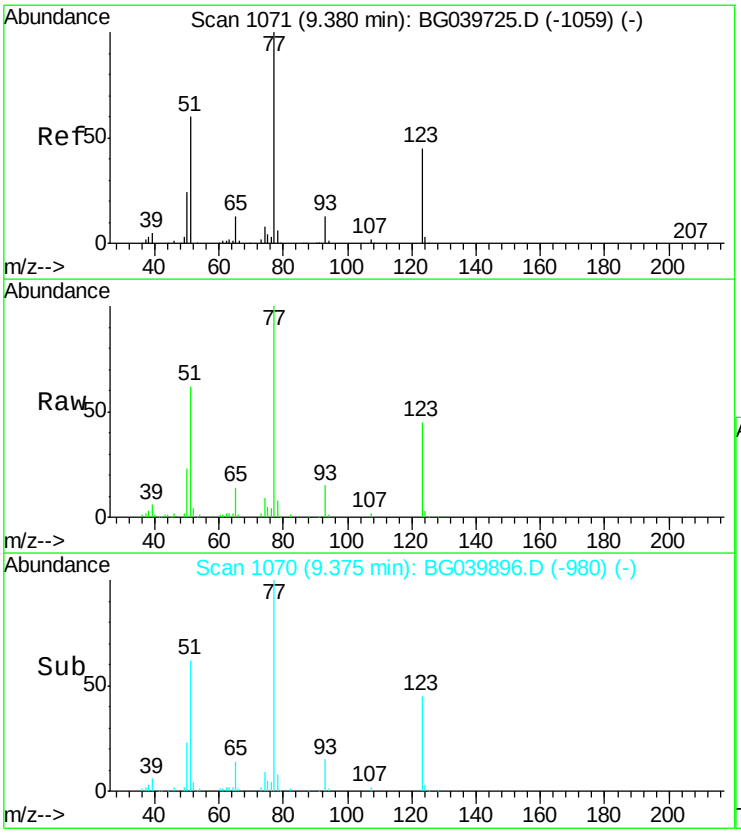

#23
Nitrobenzene-d5
Concen: 107.950 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 82 Resp: 314247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 31.3 | 46.9 |
| 54 | 58.0 | 50.9 | 76.3 |

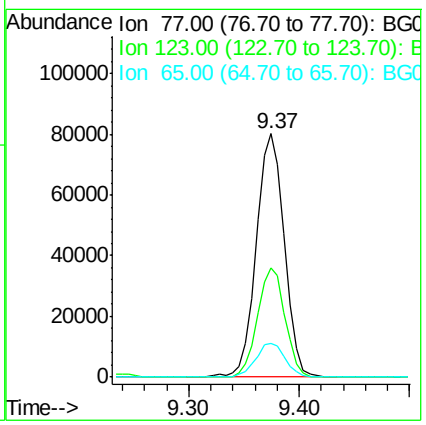


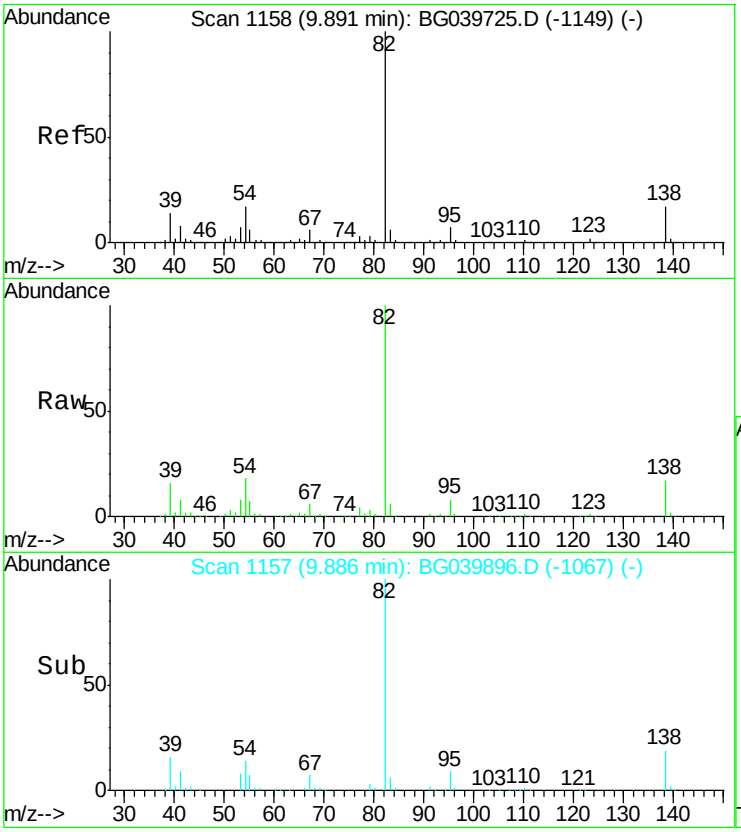




#24
Nitrobenzene
Concen: 46.620 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 77 Resp: 142372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.1 | 34.1 | 51.1 |
| 65 | 13.9 | 12.3 | 18.5 |



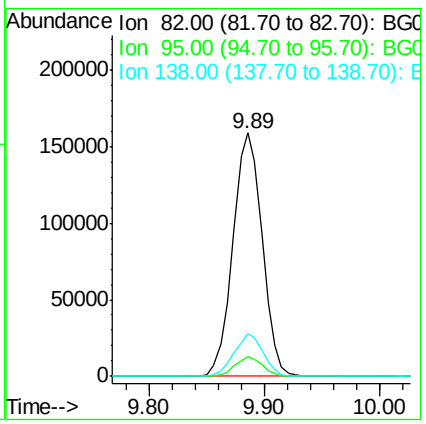


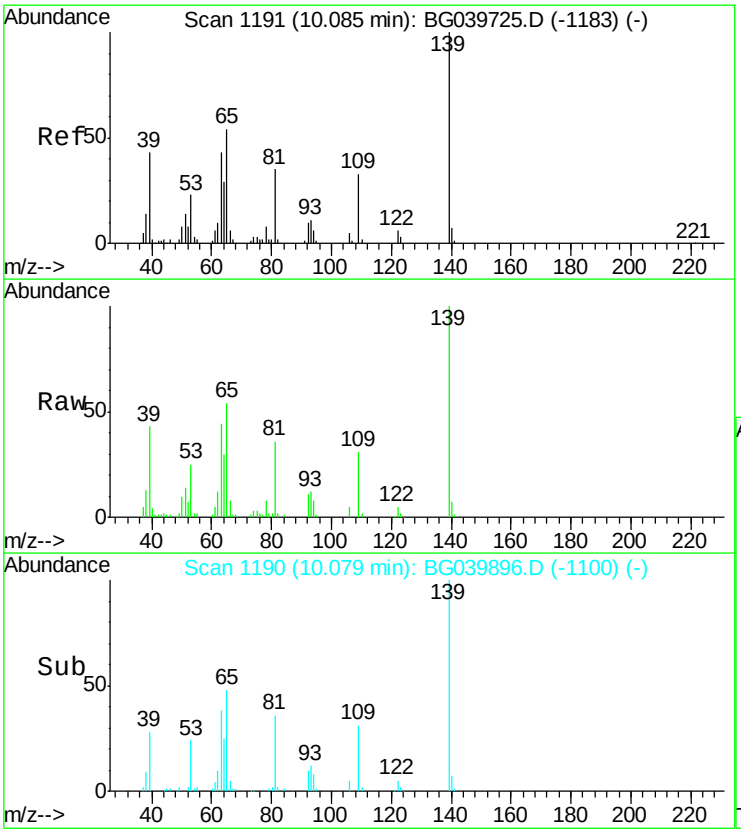

#25
Isophorone
Concen: 45.572 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 82 Resp: 277970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.0 | 6.2 | 9.2 |
| 138 | 17.4 | 13.0 | 19.4 |

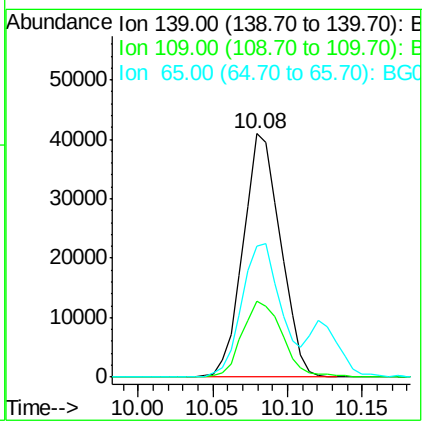


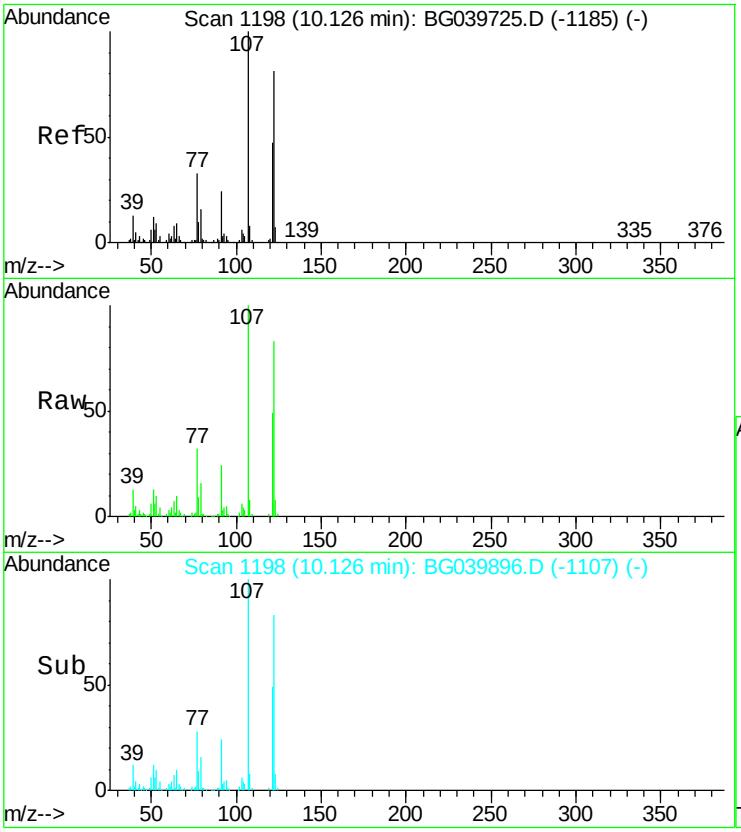




#26
2-Nitrophenol
Concen: 48.144 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:139 Resp: 70987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.3 | 23.4 | 35.0 |
| 65 | 54.0 | 44.3 | 66.5 |



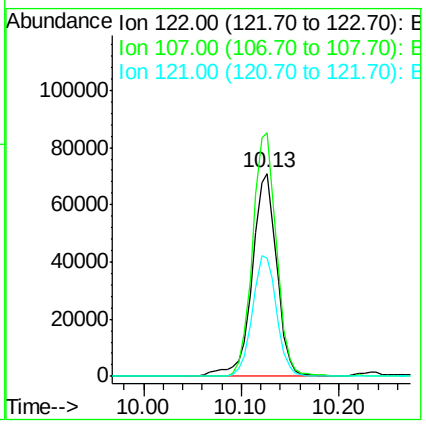


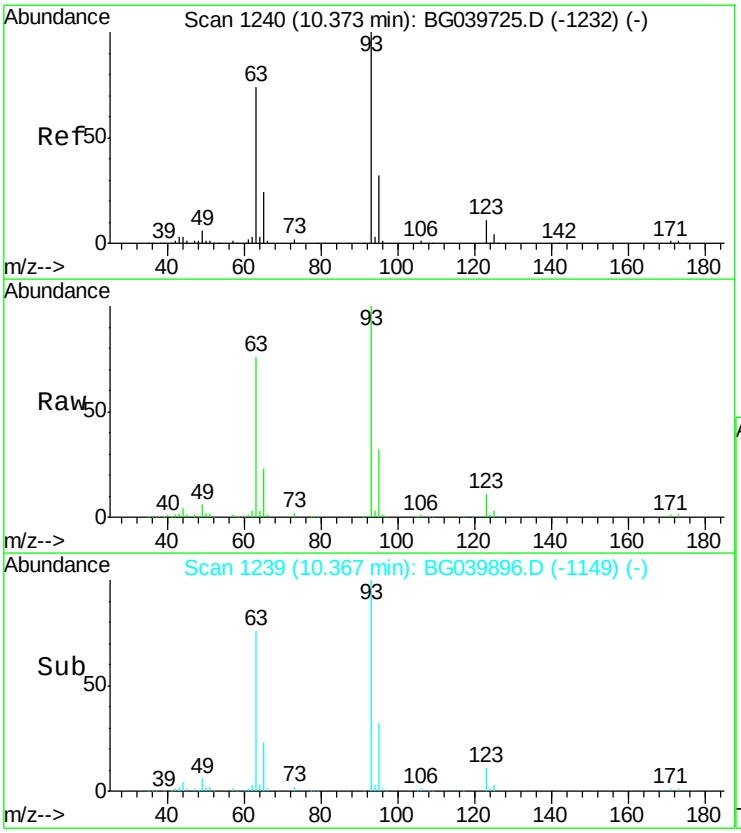

#27
2,4-Dimethylphenol
Concen: 55.053 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:122 Resp: 126247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.0 | 91.7 | 137.5 |
| 121 | 58.4 | 46.4 | 69.6 |

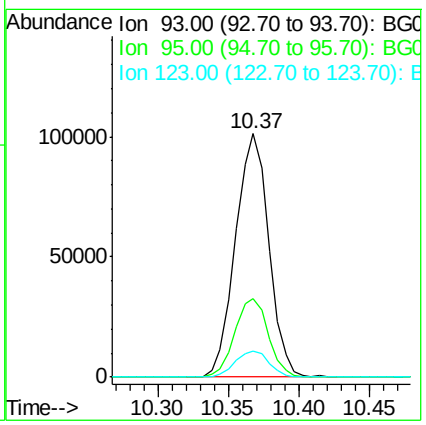


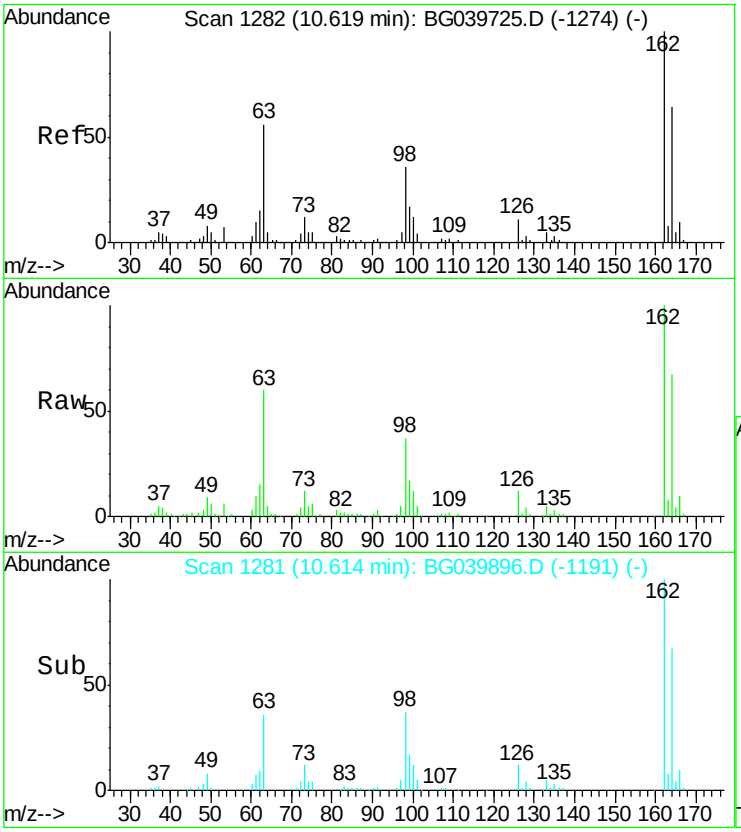




#28
bis(2-Chloroethoxy)methane
Concen: 45.079 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 93 Resp: 167096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.0 | 37.4 |
| 123 | 10.8 | 8.6 | 12.8 |



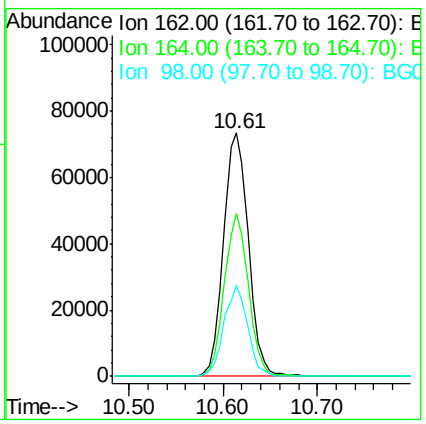


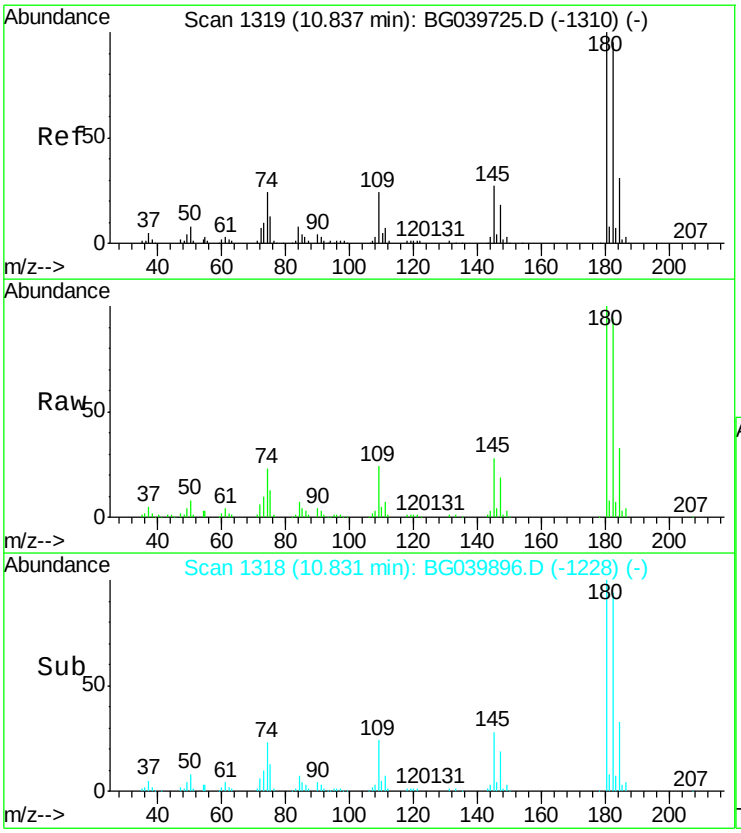

#29
2,4-Dichlorophenol
Concen: 52.285 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:162 Resp: 134996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.8 | 48.1 | 88.1 |
| 98 | 37.3 | 18.1 | 58.1 |

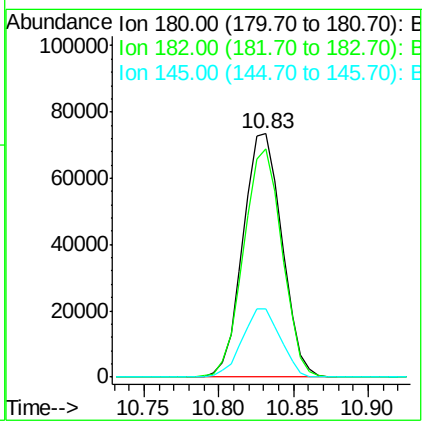


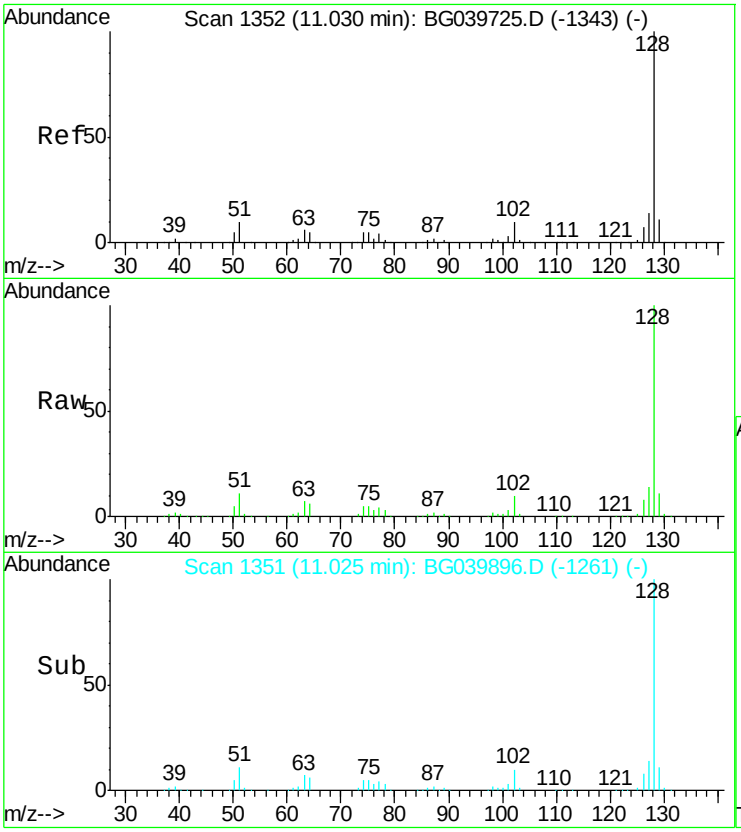




#30
1,2,4-Trichlorobenzene
Concen: 45.677 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:180 Resp: 132708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 76.0 | 114.0 |
| 145 | 28.2 | 22.7 | 34.1 |



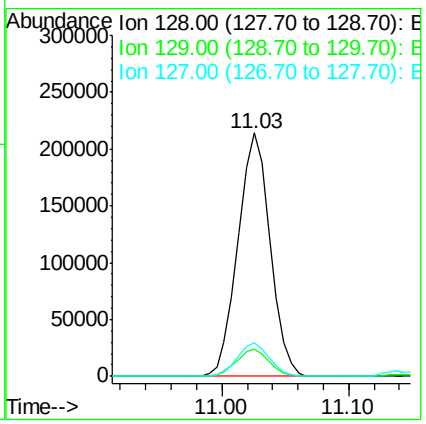


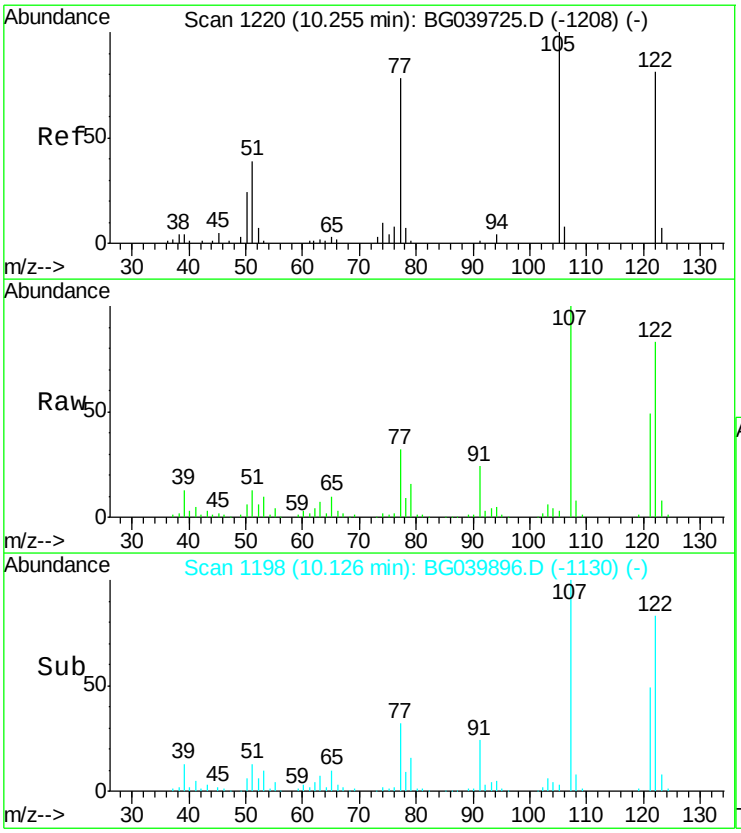

#31
Naphthalene
Concen: 45.233 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:128 Resp: 377051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.7 | 13.1 |
| 127 | 13.8 | 10.8 | 16.2 |

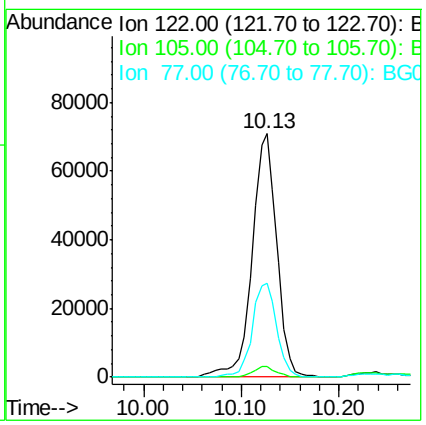


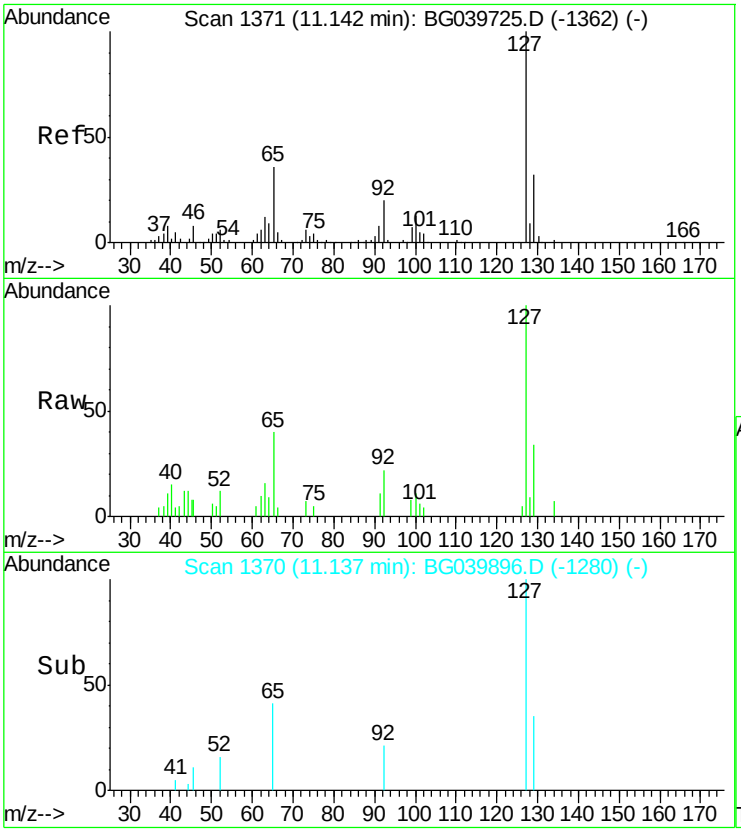




#32
Benzoic acid
Concen: 75.757 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.13 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:122 Resp: 126247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.2 | 101.8 | 141.8# |
| 77 | 38.4 | 76.3 | 116.3# |



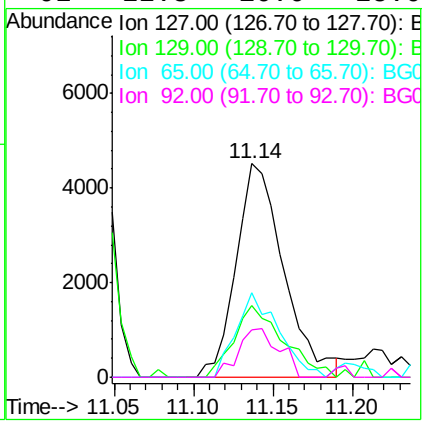


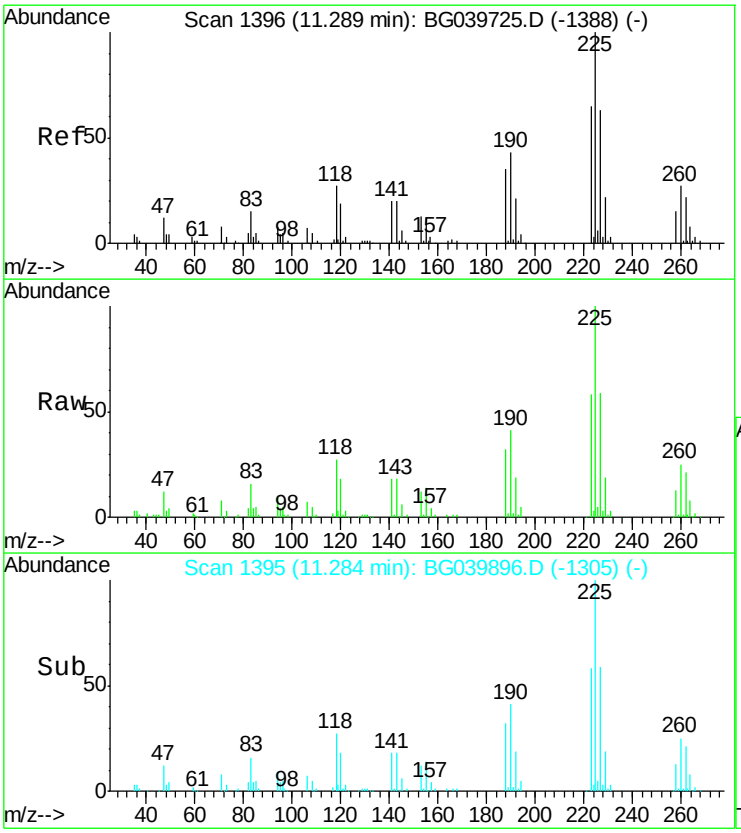

#33
4-Chloroaniline
Concen: 2.674 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:127 Resp: 9451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.7 | 27.0 | 40.4 |
| 65 | 39.5 | 28.8 | 43.2 |
| 92 | 22.3 | 16.6 | 25.0 |

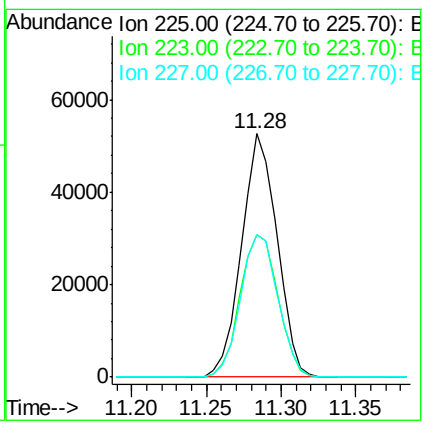


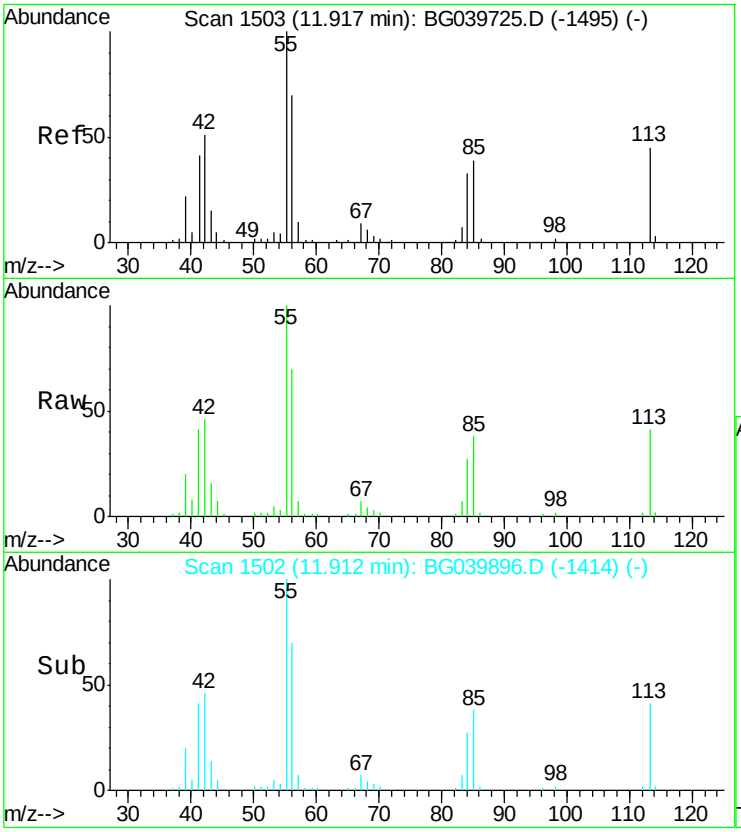




#34
Hexachlorobutadiene
Concen: 43.484 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:225 Resp: 86331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.4 | 49.0 | 73.6 |
| 227 | 58.7 | 46.3 | 69.5 |



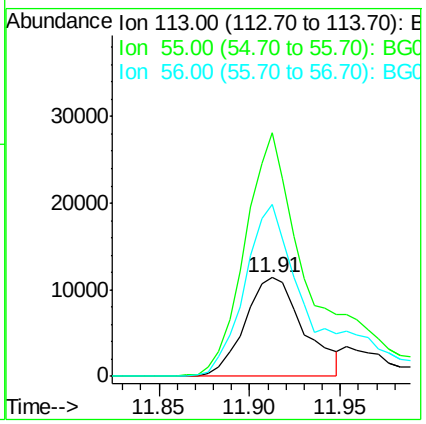


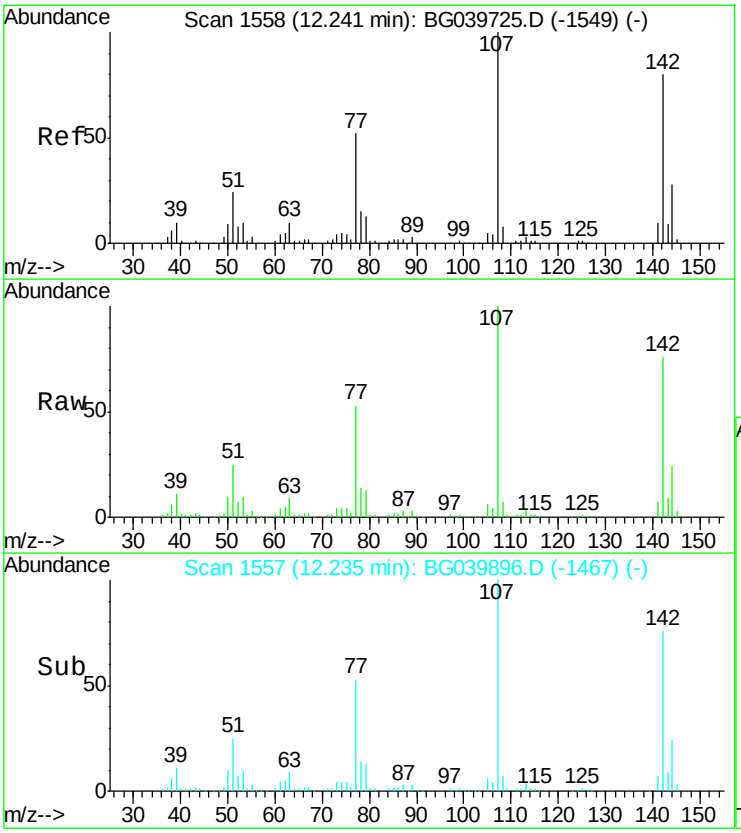

#35
Caprolactam
Concen: 25.915 ng
RT: 11.91 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:113 Resp: 25559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 246.1 | 216.9 | 256.9 |
| 56 | 173.4 | 152.6 | 192.6 |

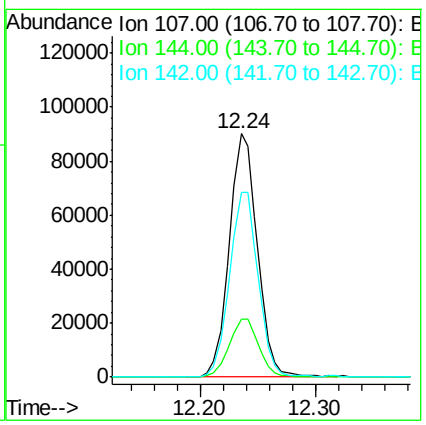


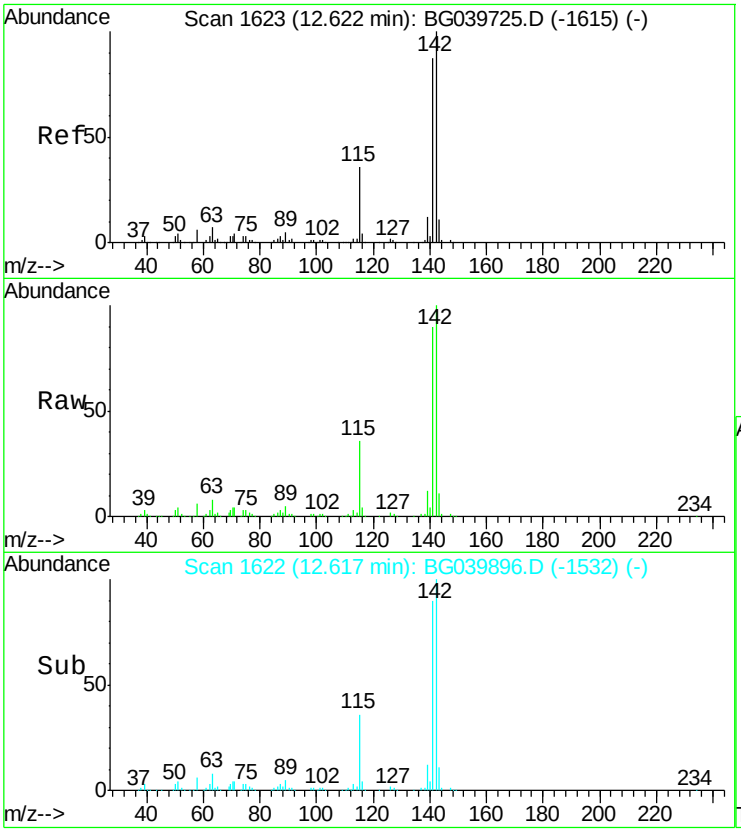




#36
4-Chloro-3-methylphenol
Concen: 51.239 ng
RT: 12.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:107 Resp: 151653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.7 | 20.2 | 30.2 |
| 142 | 76.0 | 61.4 | 92.2 |



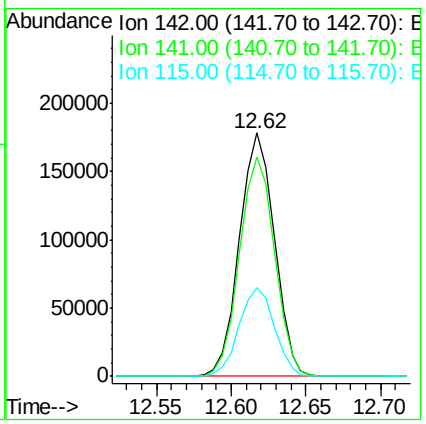


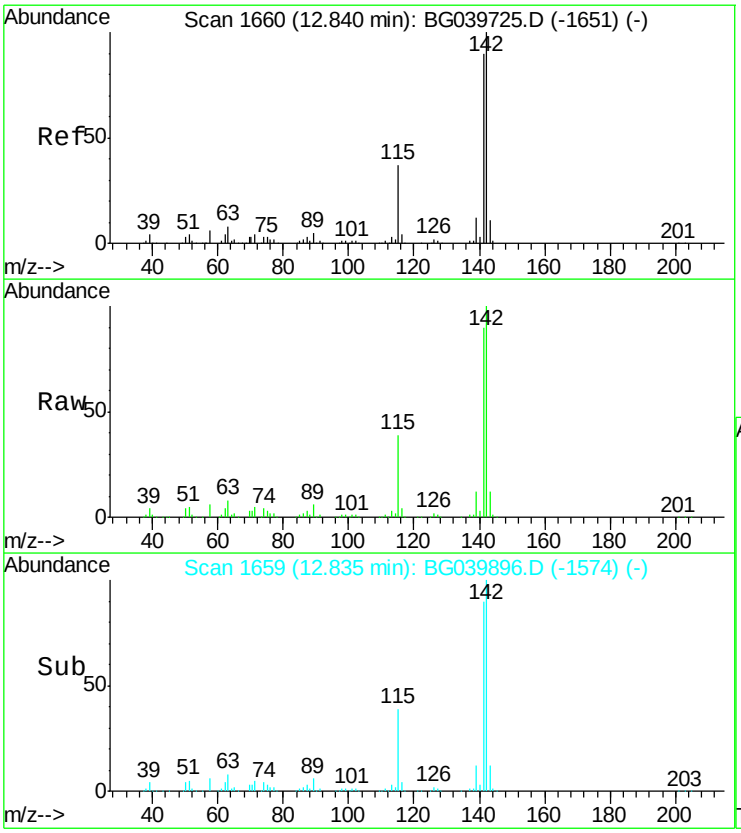

#37
2-Methylnaphthalene
Concen: 46.305 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:142 Resp: 288578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 73.5 | 110.3 |
| 115 | 36.3 | 30.8 | 46.2 |

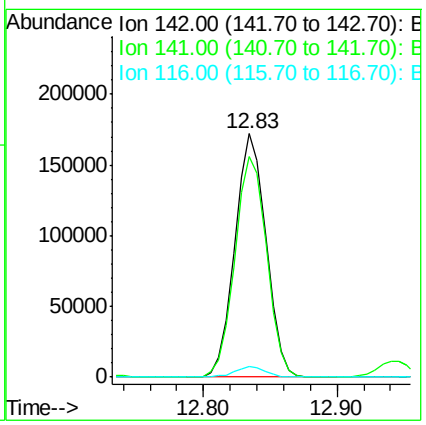


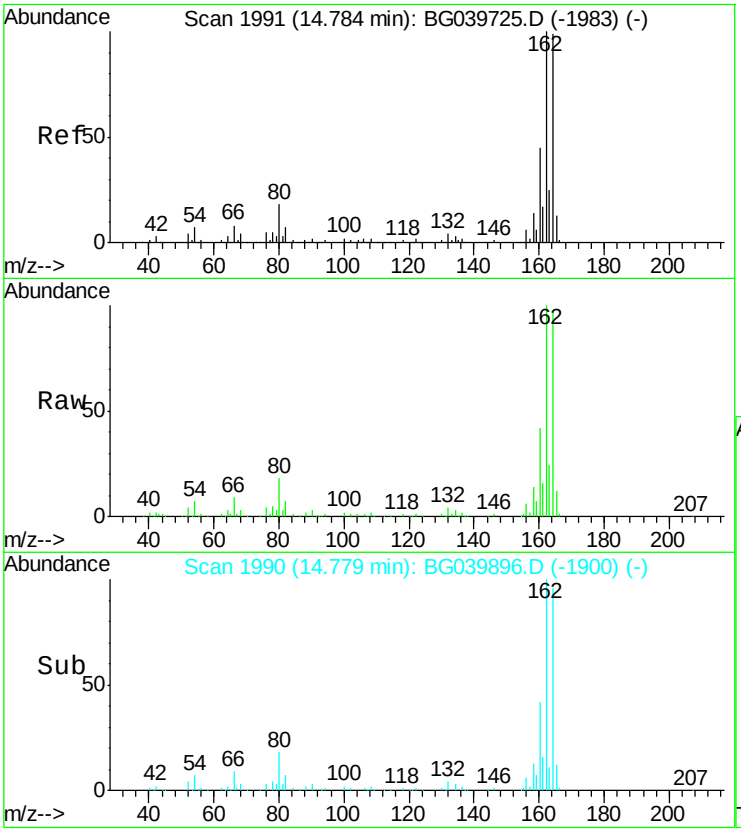




#38
1-Methylnaphthalene
Concen: 45.798 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:142 Resp: 277369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 74.2 | 111.4 |
| 116 | 4.4 | 3.0 | 4.6 |



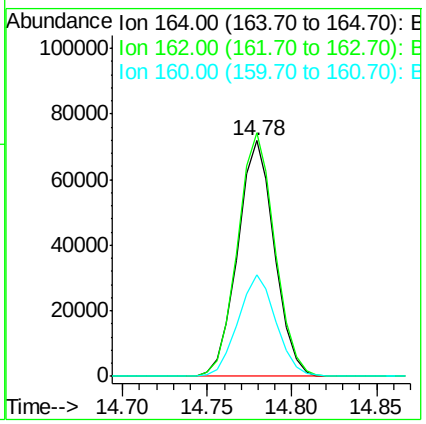


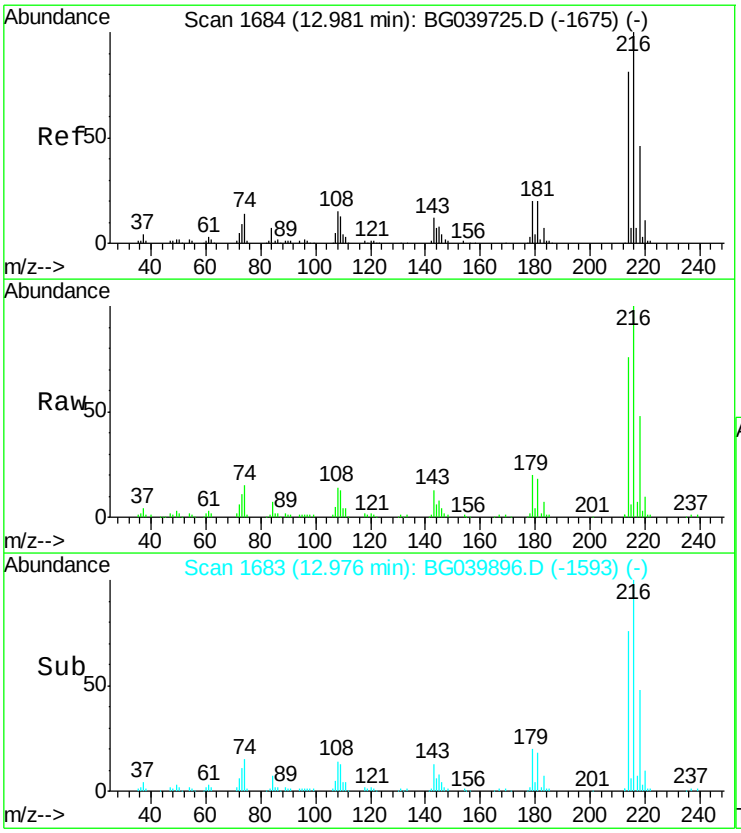

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:164 Resp: 108824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 81.6 | 122.4 |
| 160 | 43.0 | 34.2 | 51.2 |

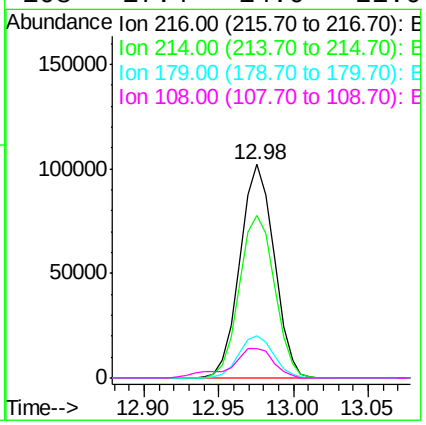


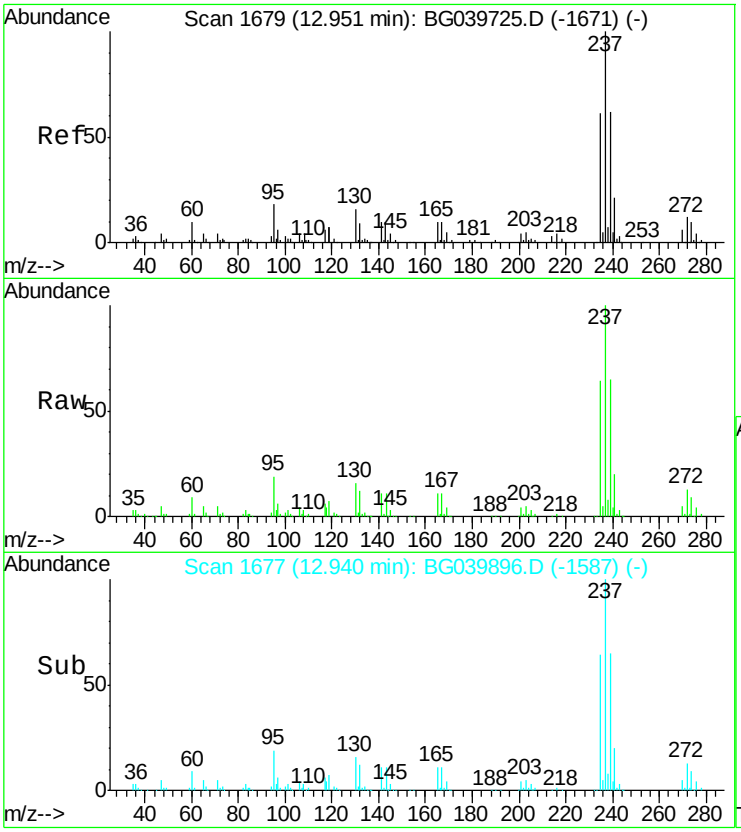




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.043 ng
RT: 12.98 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:216 Resp: 162372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.1 | 62.6 | 94.0 |
| 179 | 20.2 | 16.6 | 25.0 |
| 108 | 17.4 | 14.0 | 21.0 |



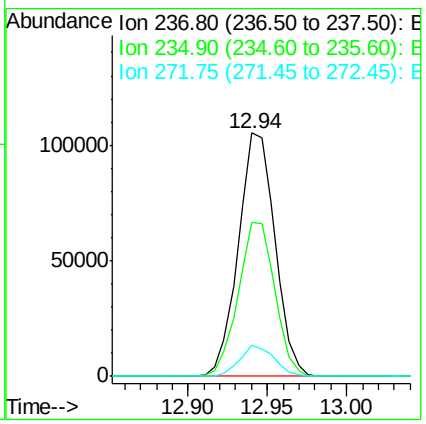


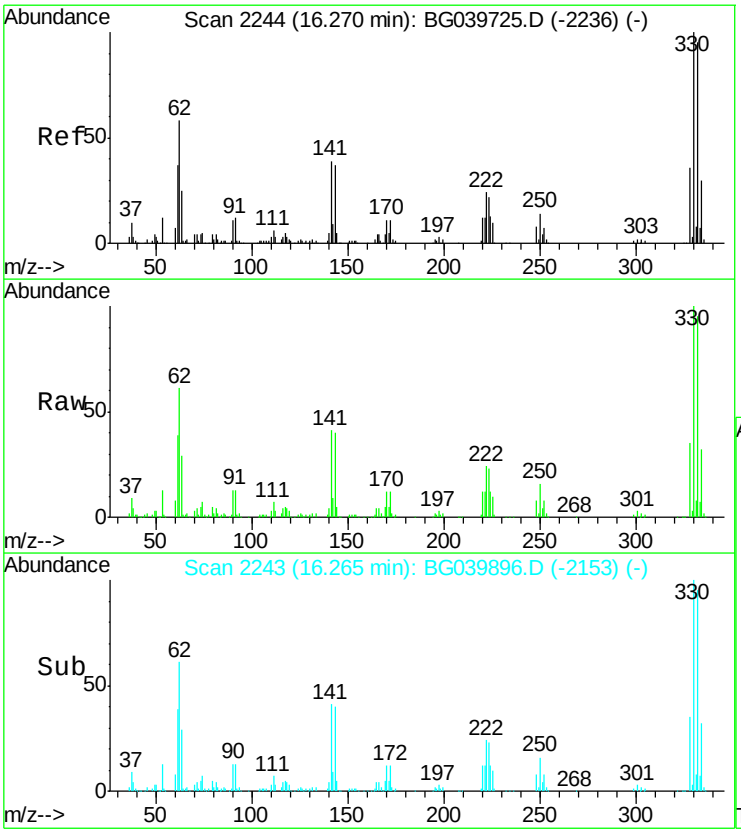

#41
Hexachlorocyclopentadiene
Concen: 85.336 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:237 Resp: 168599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 43.3 | 83.3 |
| 272 | 12.9 | 0.0 | 32.3 |

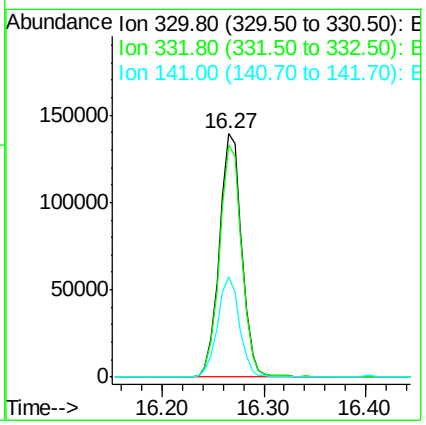


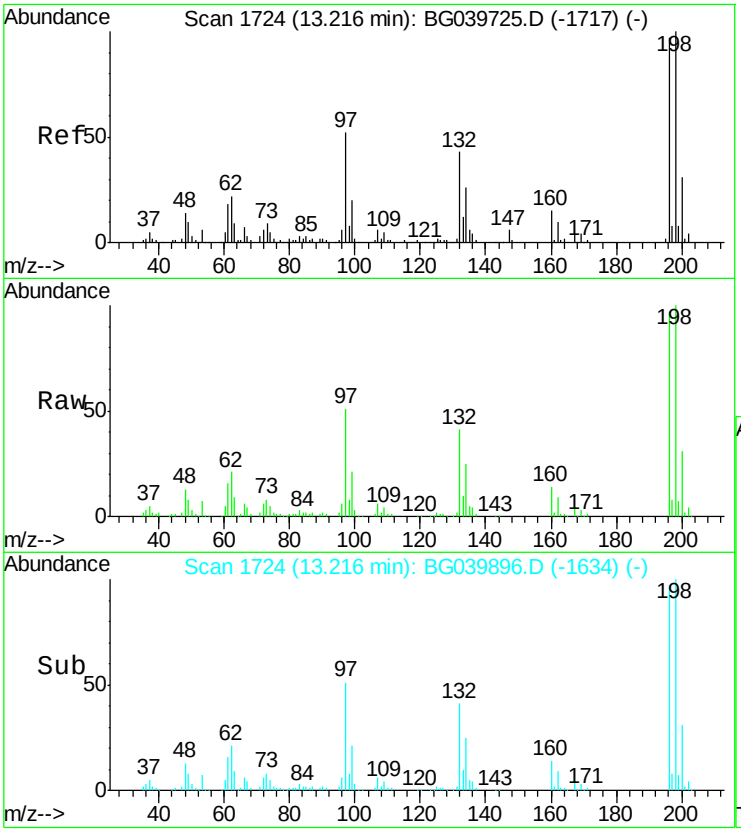




#42
2,4,6-Tribromophenol
Concen: 168.267 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:330 Resp: 213434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 75.7 | 113.5 |
| 141 | 40.3 | 35.6 | 53.4 |



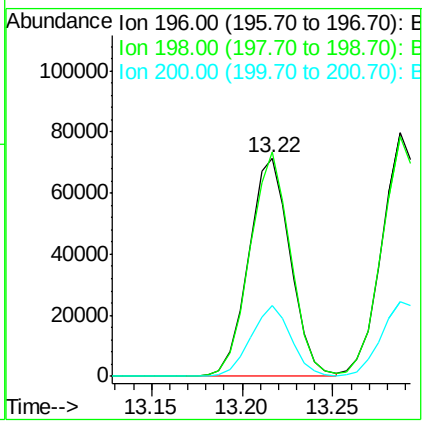


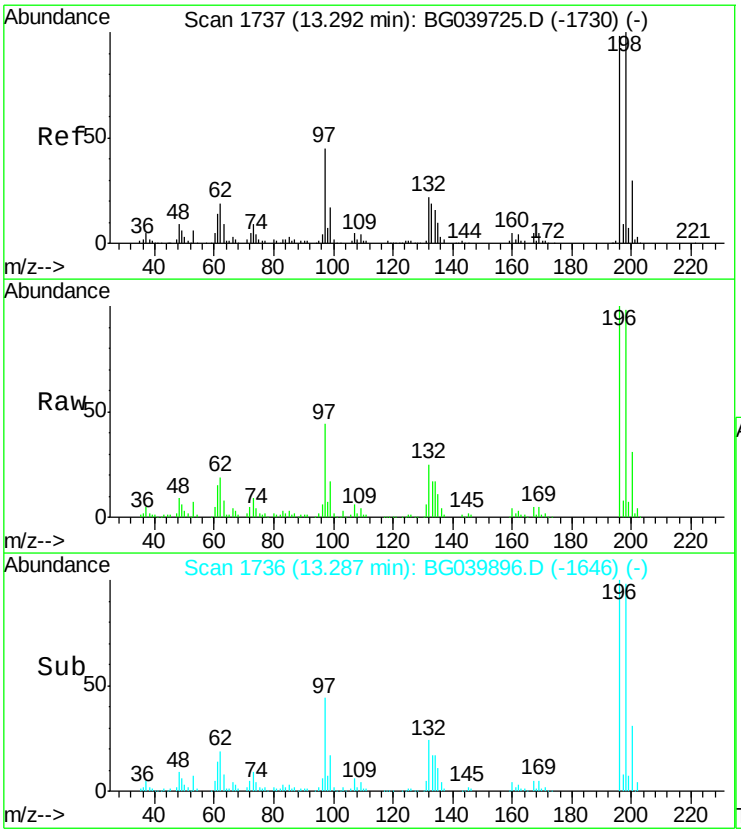

#43
2,4,6-Trichlorophenol
Concen: 52.734 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:196 Resp: 113821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.9 | 80.6 | 121.0 |
| 200 | 32.3 | 26.1 | 39.1 |

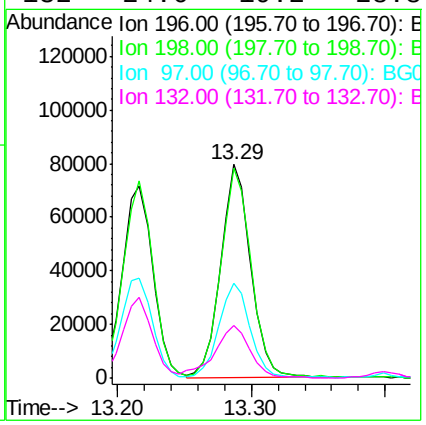


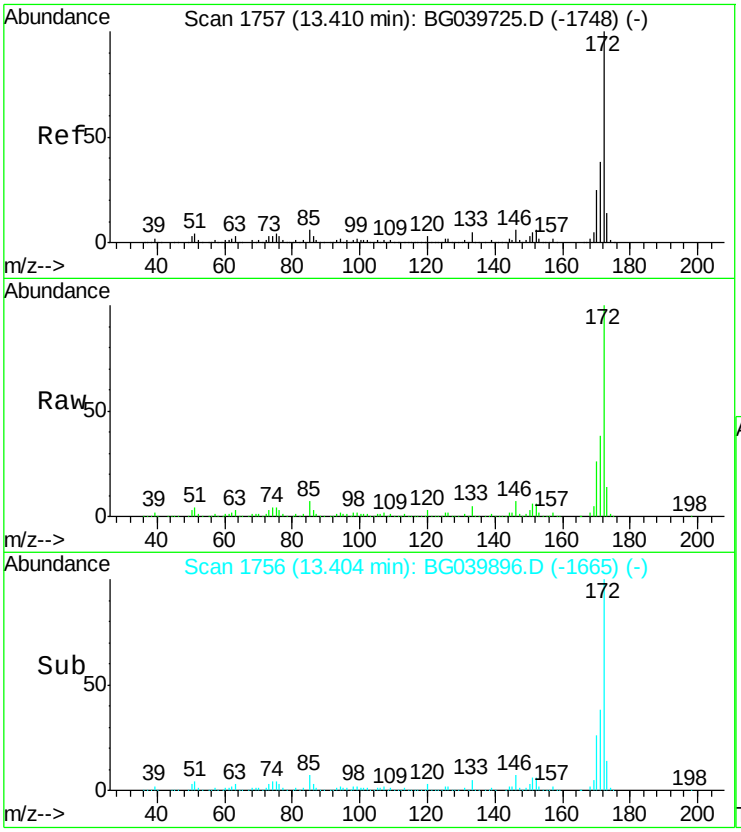




#44
2,4,5-Trichlorophenol
Concen: 51.371 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:196 Resp: 124981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.4 | 78.5 | 117.7 |
| 97 | 44.5 | 38.4 | 57.6 |
| 132 | 24.6 | 19.2 | 28.8 |



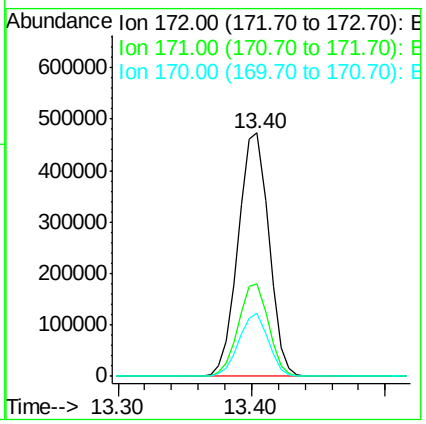


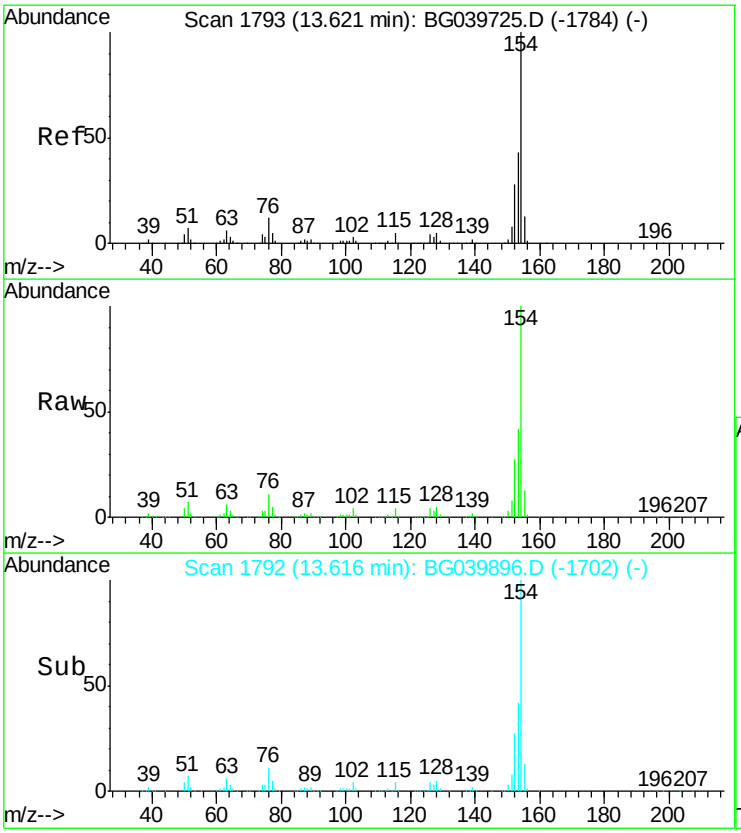

#45
2-Fluorobiphenyl
Concen: 98.218 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:172 Resp: 750683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 30.8 | 46.2 |
| 170 | 25.9 | 20.2 | 30.4 |

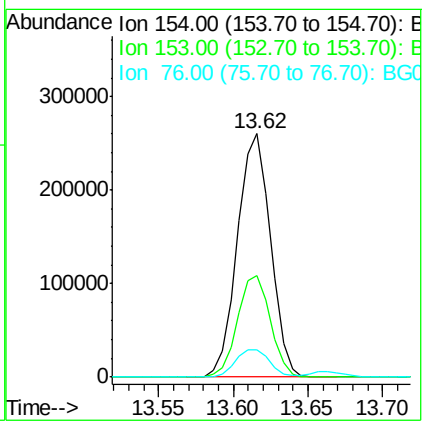


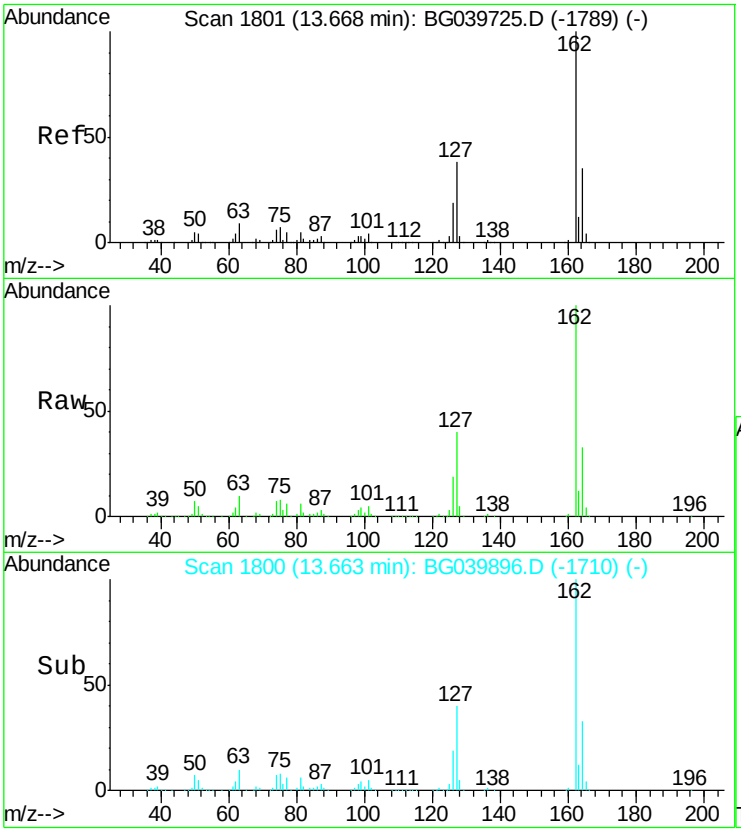




#46
1,1'-Biphenyl
Concen: 44.712 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:154 Resp: 400204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.6 | 22.1 | 62.1 |
| 76 | 11.4 | 0.0 | 32.4 |



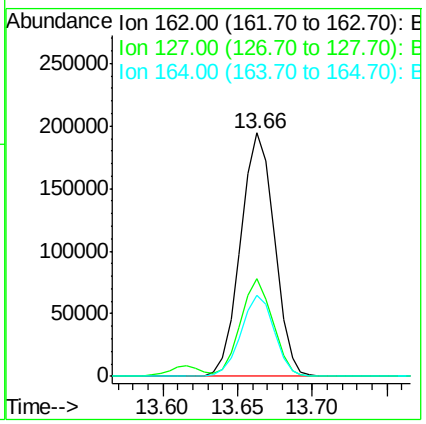


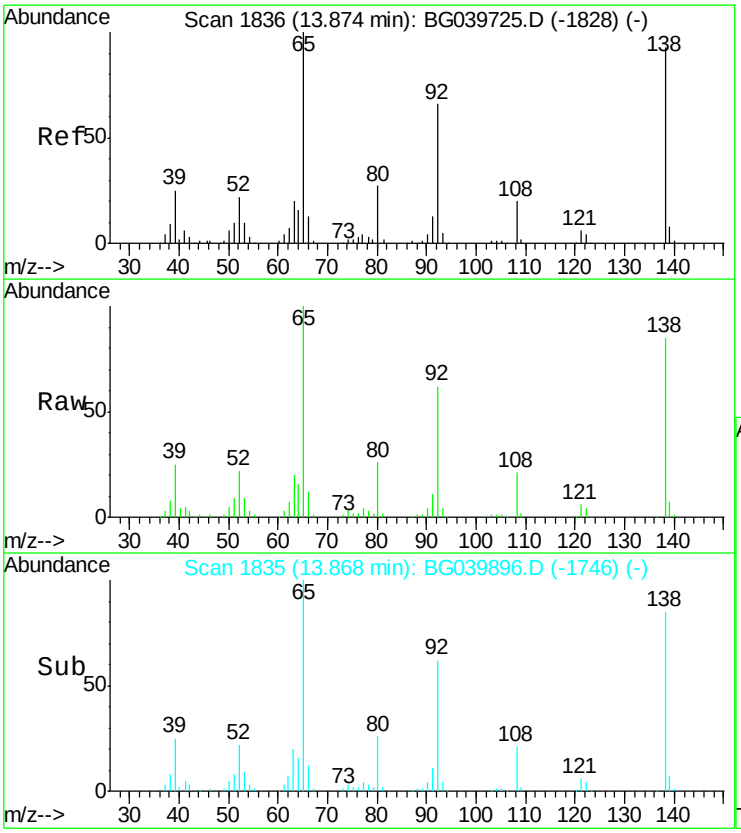

#47
2-Chloronaphthalene
Concen: 45.171 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:162 Resp: 304160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.3 | 31.0 | 46.6 |
| 164 | 33.1 | 25.7 | 38.5 |

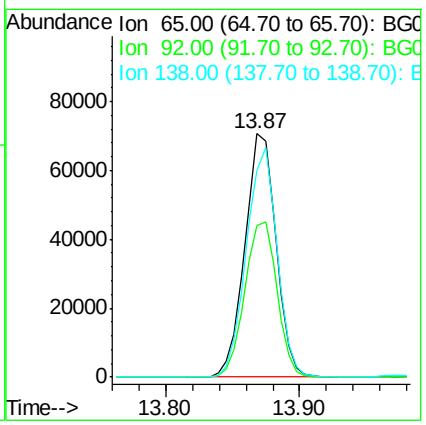


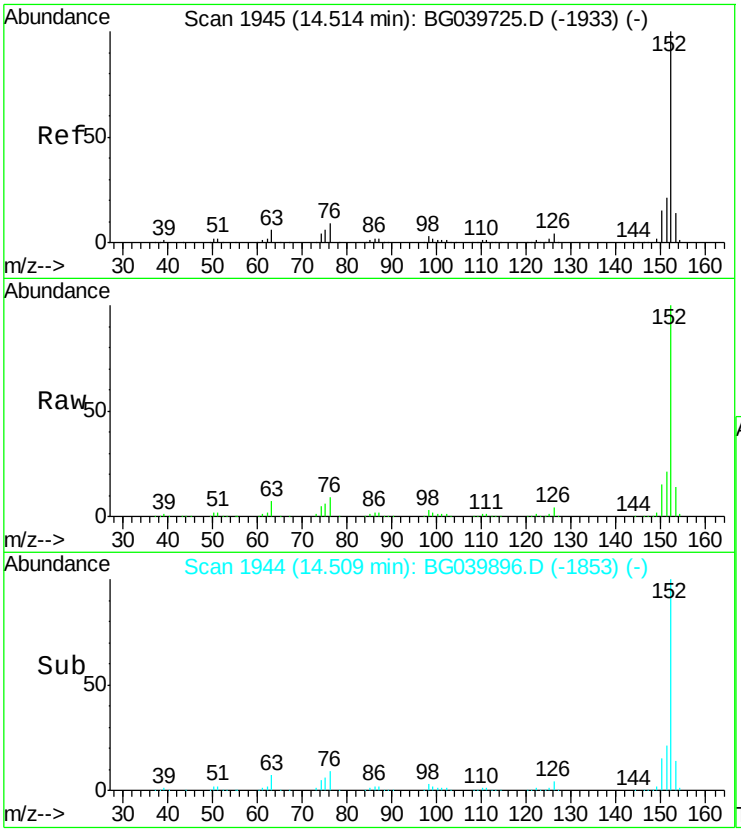




#48
2-Nitroaniline
Concen: 52.556 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 65 Resp: 113727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.2 | 51.4 | 77.2 |
| 138 | 84.8 | 71.4 | 107.2 |



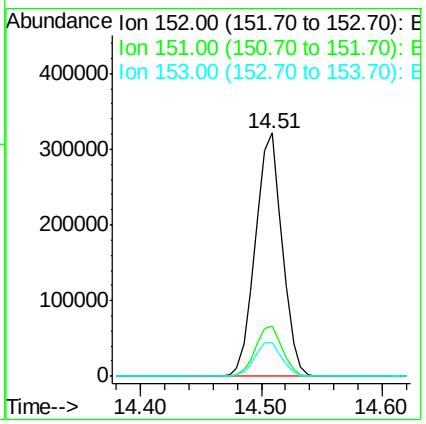


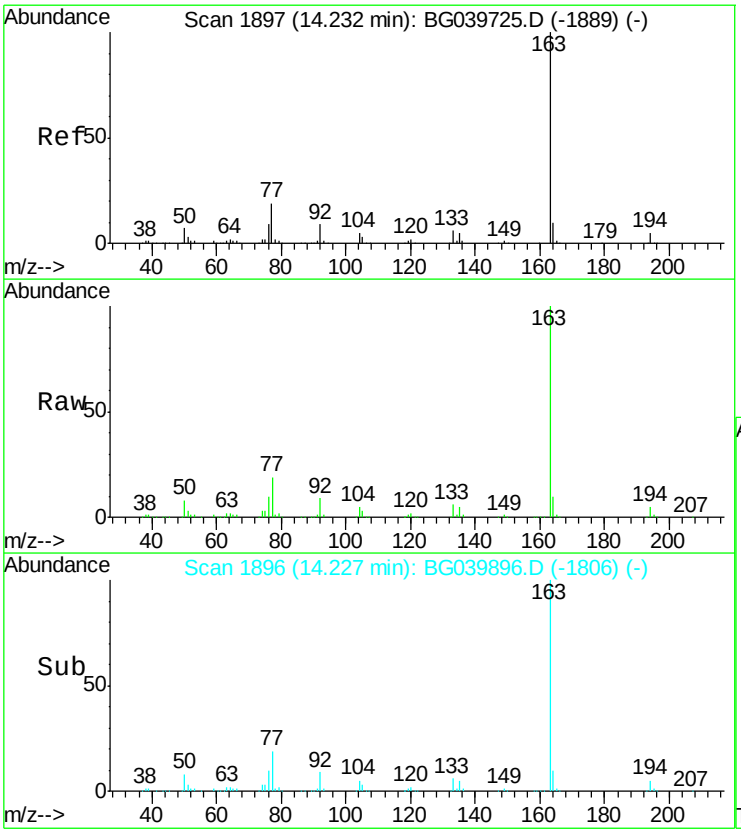

#49
Acenaphthylene
Concen: 44.992 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:152 Resp: 497331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.8 | 25.2 |
| 153 | 13.8 | 11.7 | 17.5 |

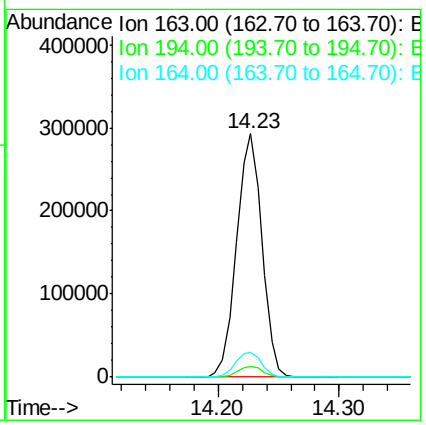


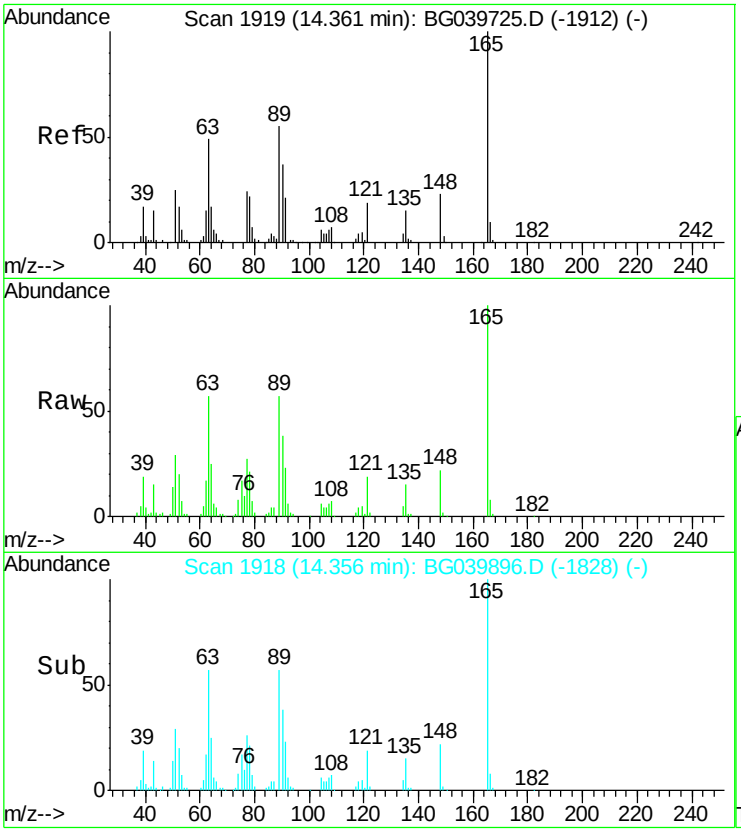




#50
Dimethylphthalate
Concen: 47.159 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:163 Resp: 429136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.6 | 5.4 |
| 164 | 10.3 | 8.4 | 12.6 |



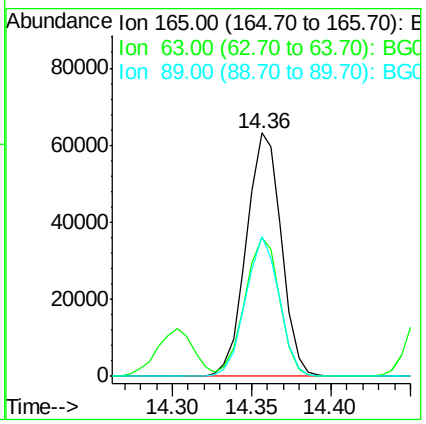


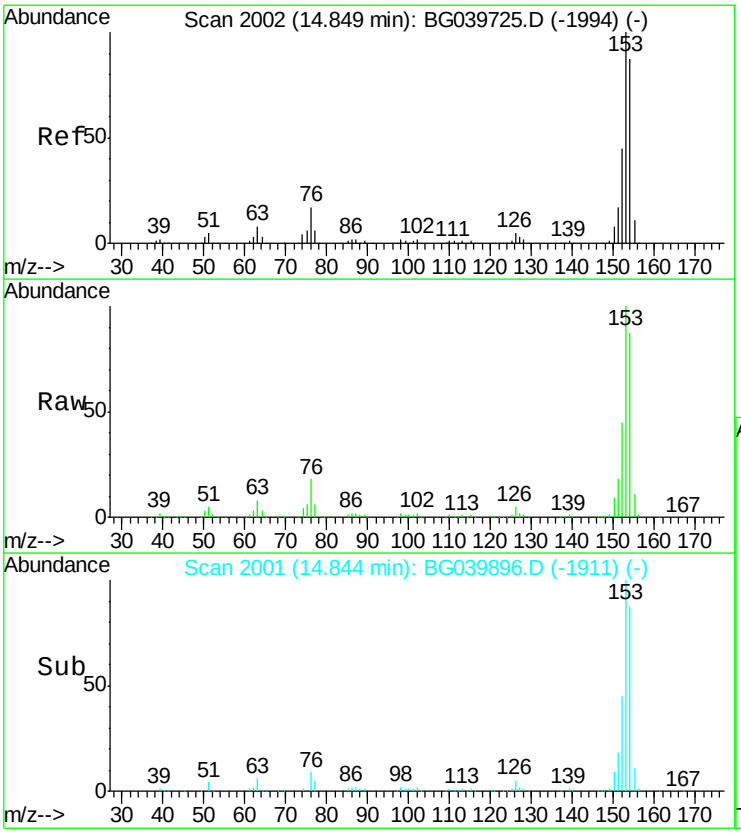

#51
2,6-Dinitrotoluene
Concen: 50.195 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:165 Resp: 96832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.2 | 47.0 | 70.6 |
| 89 | 57.4 | 45.8 | 68.8 |

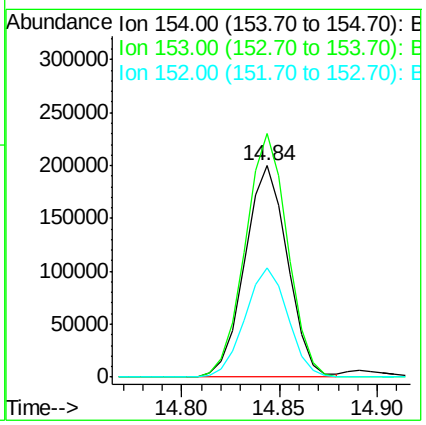


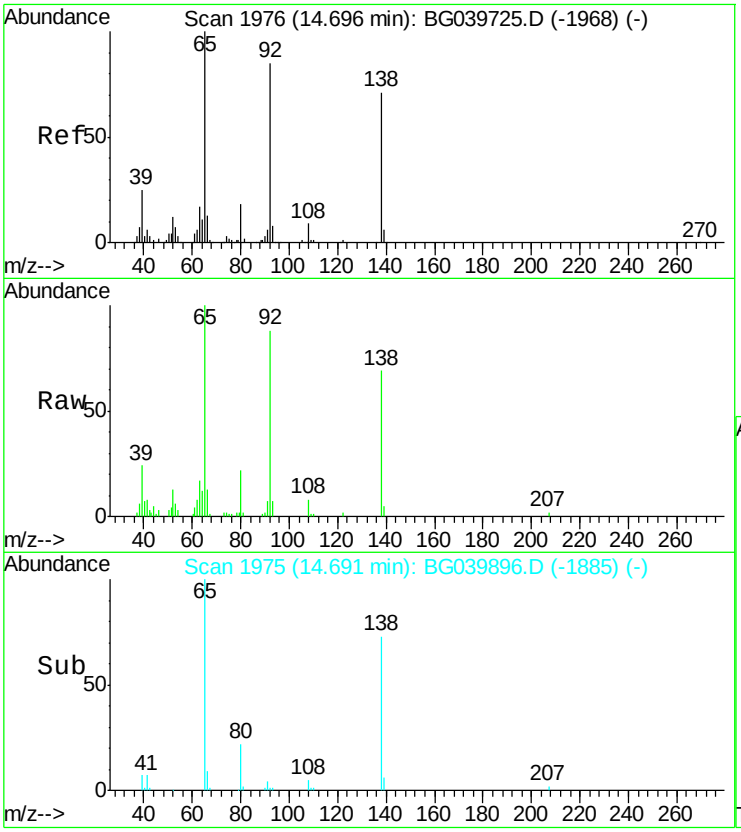




#52
Acenaphthene
Concen: 45.504 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:154 Resp: 302737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.2 | 90.1 | 135.1 |
| 152 | 51.9 | 40.9 | 61.3 |



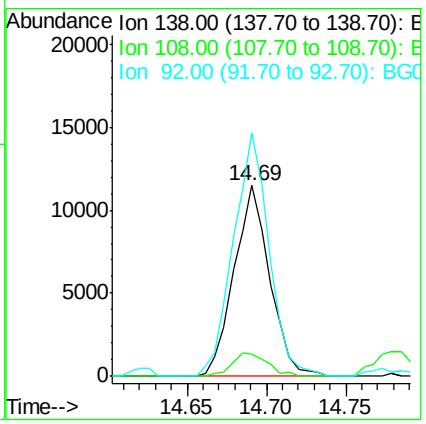


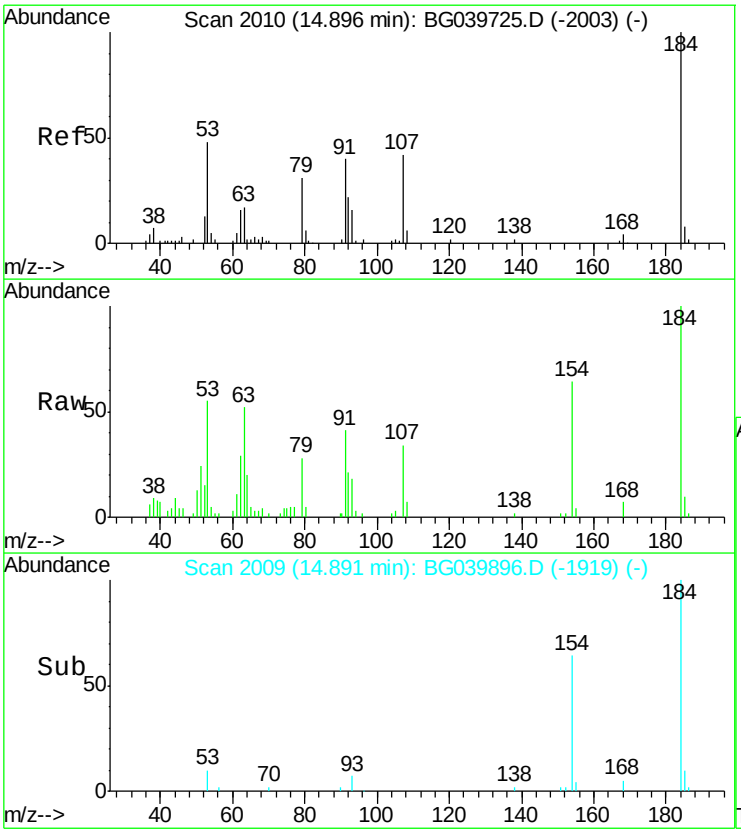

#53
3-Nitroaniline
Concen: 9.235 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:138 Resp: 17908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.3 | 13.8 | 20.8# |
| 92 | 127.7 | 103.7 | 155.5 |

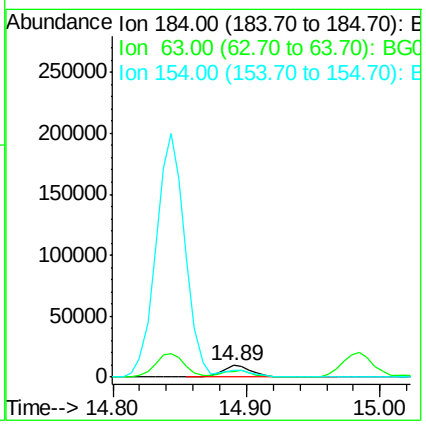


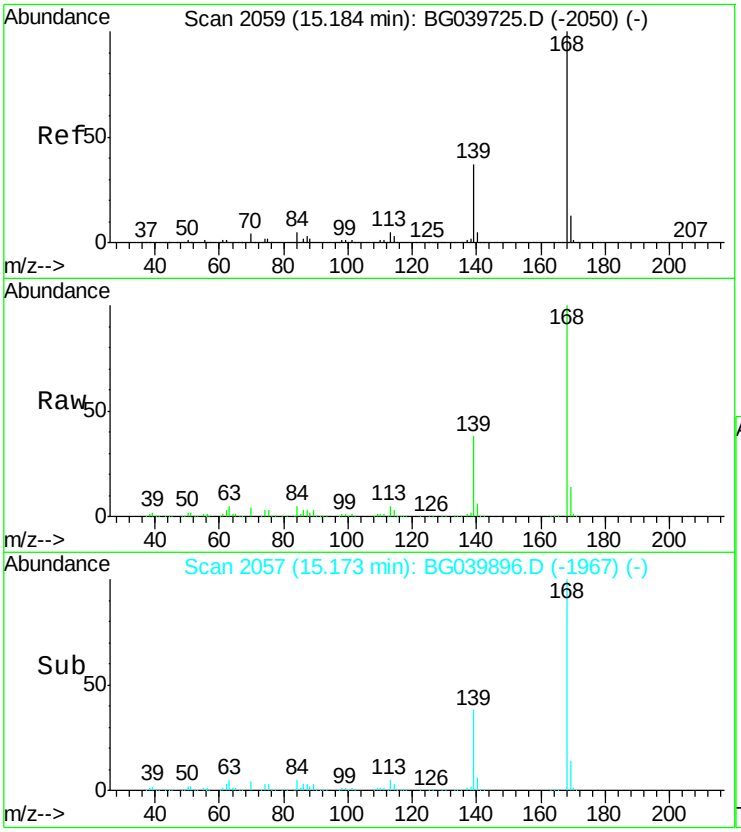




#54
2,4-Dinitrophenol
Concen: 17.501 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:184 Resp: 15944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.7 | 50.9 | 76.3 |
| 154 | 63.6 | 53.0 | 79.6 |



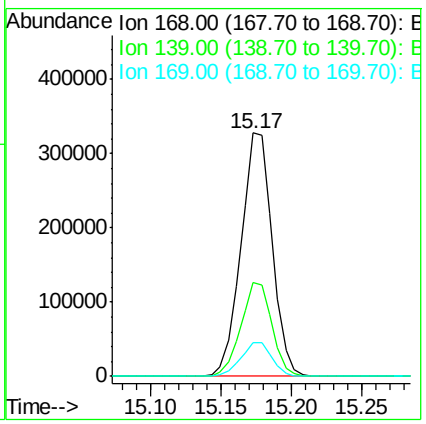


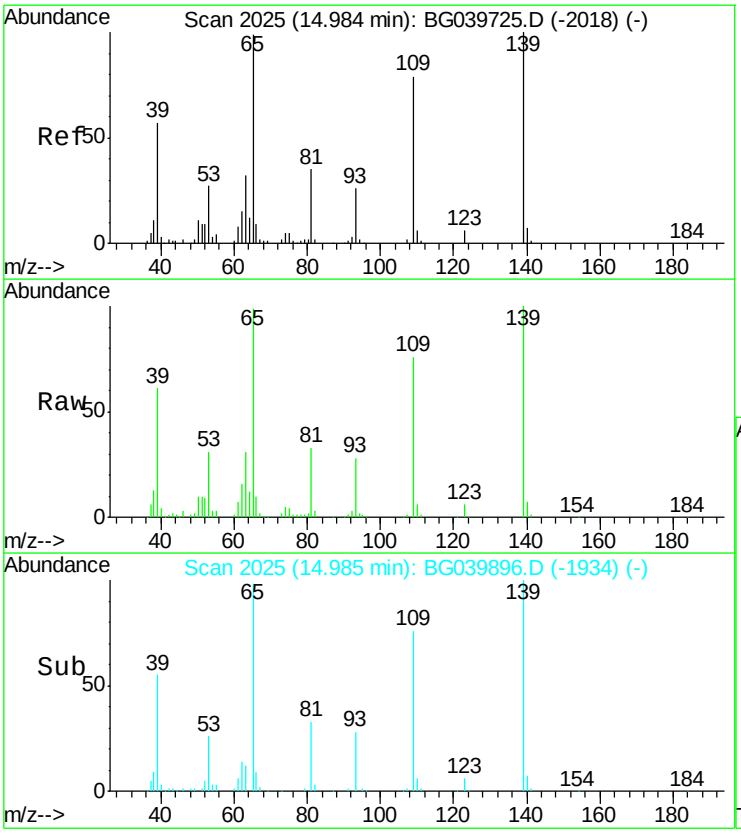

#55
Dibenzofuran
Concen: 46.472 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:168 Resp: 507258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.3 | 30.1 | 45.1 |
| 169 | 13.6 | 10.6 | 16.0 |

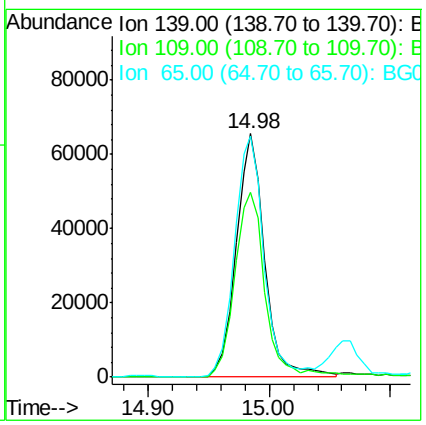


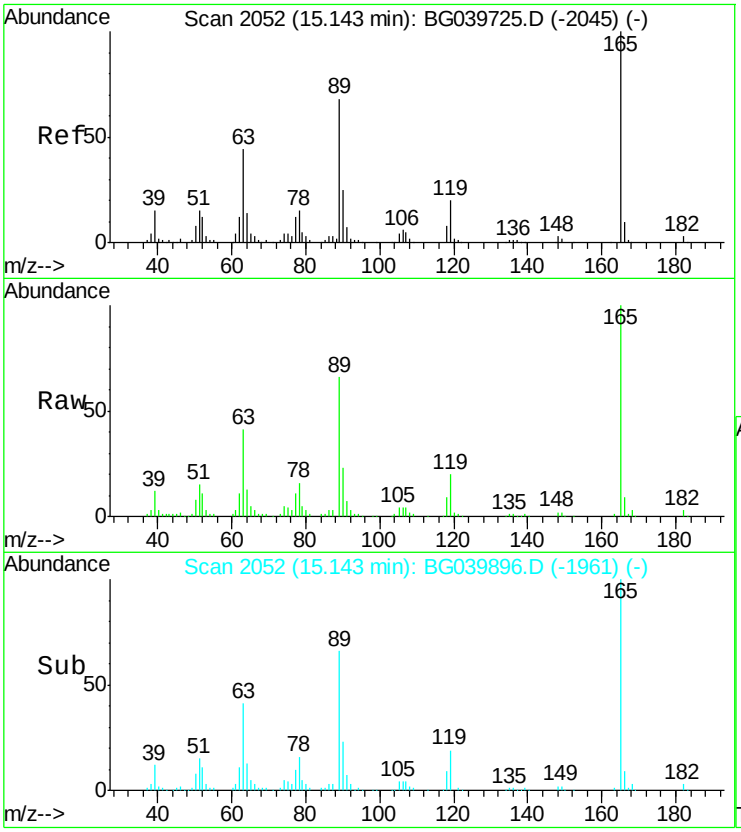




#56
4-Nitrophenol
Concen: 61.915 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:139 Resp: 107405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 75.8 | 61.9 | 101.9 |
| 65 | 99.1 | 99.1 | 139.1# |



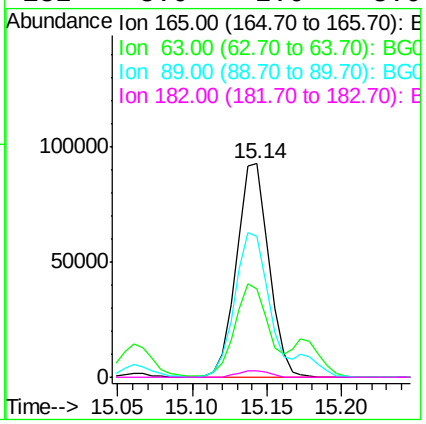


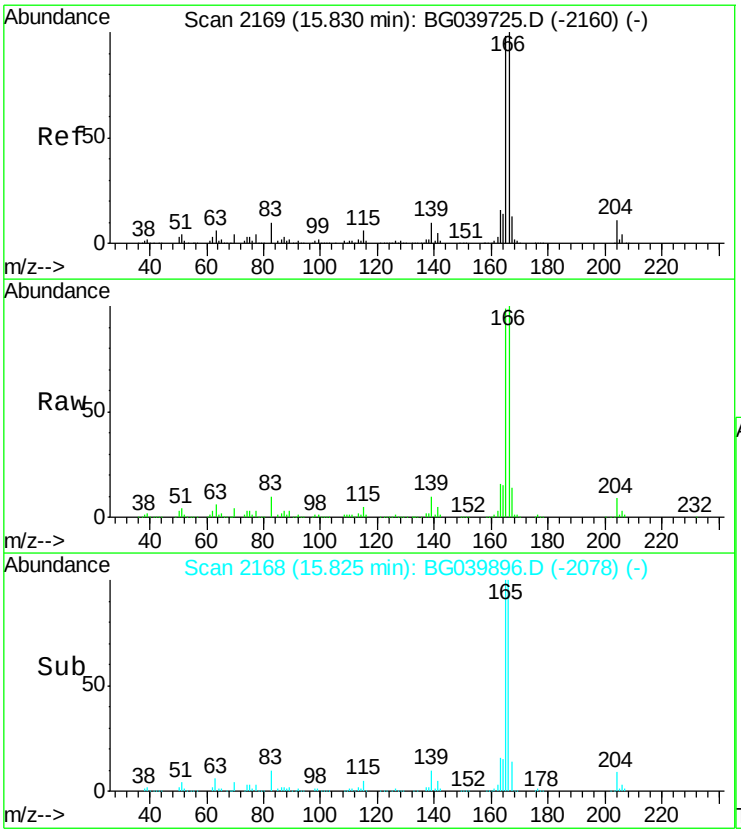

#57
2,4-Dinitrotoluene
Concen: 51.323 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:165 Resp: 139118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.1 | 41.0 | 61.6 |
| 89 | 66.2 | 64.6 | 96.8 |
| 182 | 3.0 | 2.0 | 3.0 |

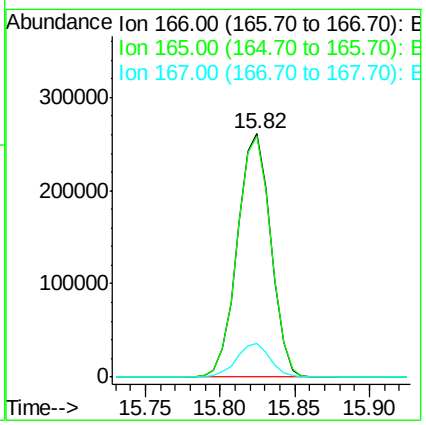


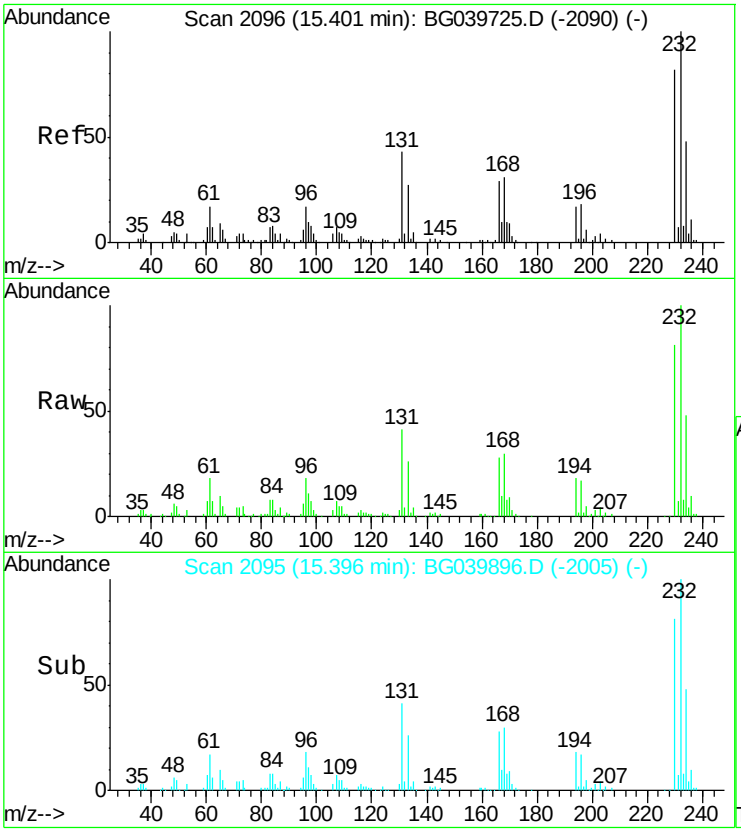




#58
Fluorene
Concen: 47.000 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:166 Resp: 403307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 77.9 | 116.9 |
| 167 | 14.0 | 10.8 | 16.2 |



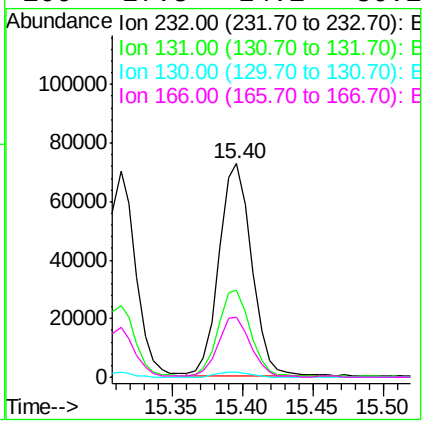


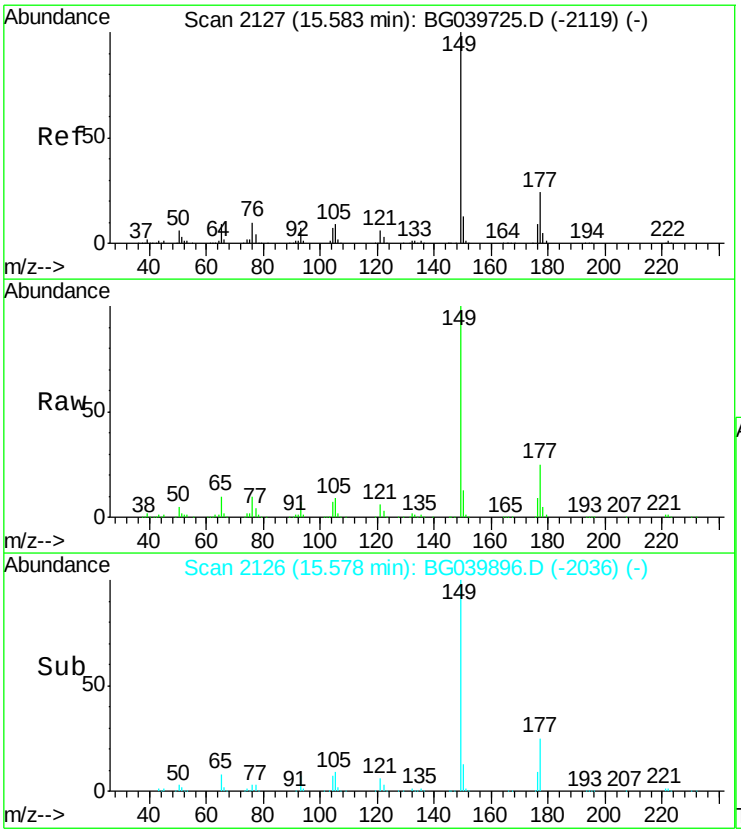

#59
2,3,4,6-Tetrachlorophenol
Concen: 49.355 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:232 Resp: 117269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.3 | 34.9 | 52.3 |
| 130 | 2.5 | 2.0 | 3.0 |
| 166 | 27.8 | 24.1 | 36.1 |

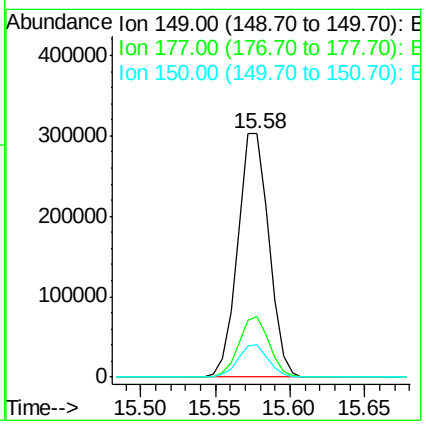


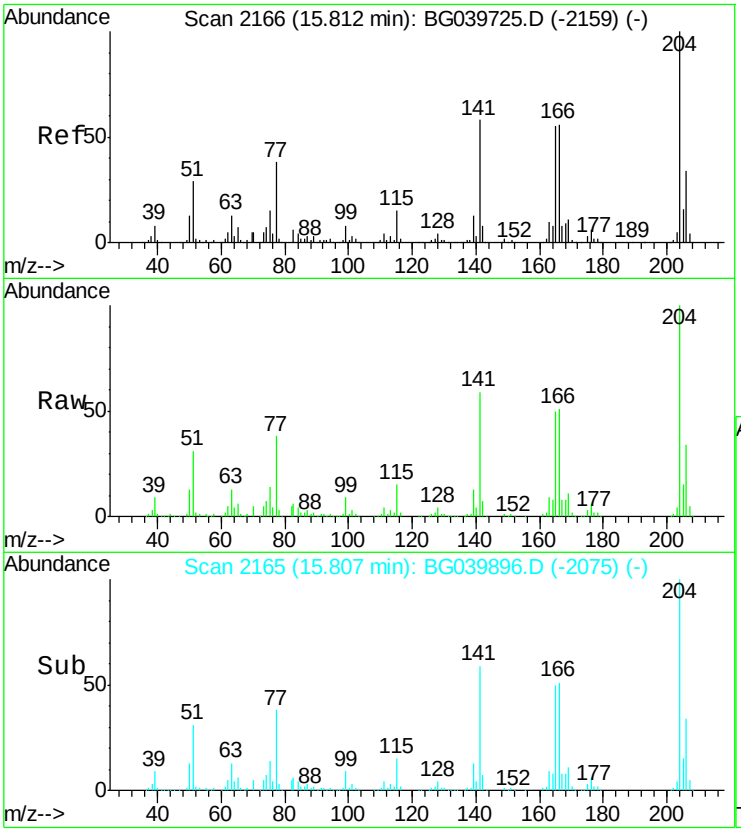




#60
Diethylphthalate
Concen: 48.467 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:149 Resp: 436594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 18.3 | 27.5 |
| 150 | 13.2 | 10.2 | 15.2 |



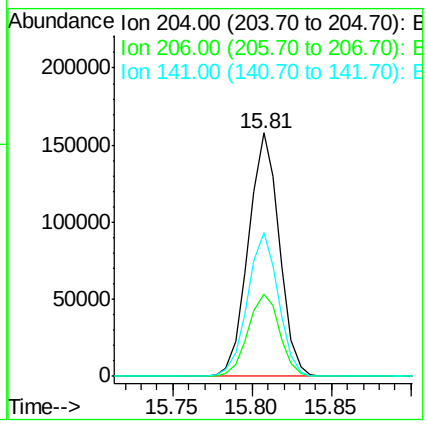


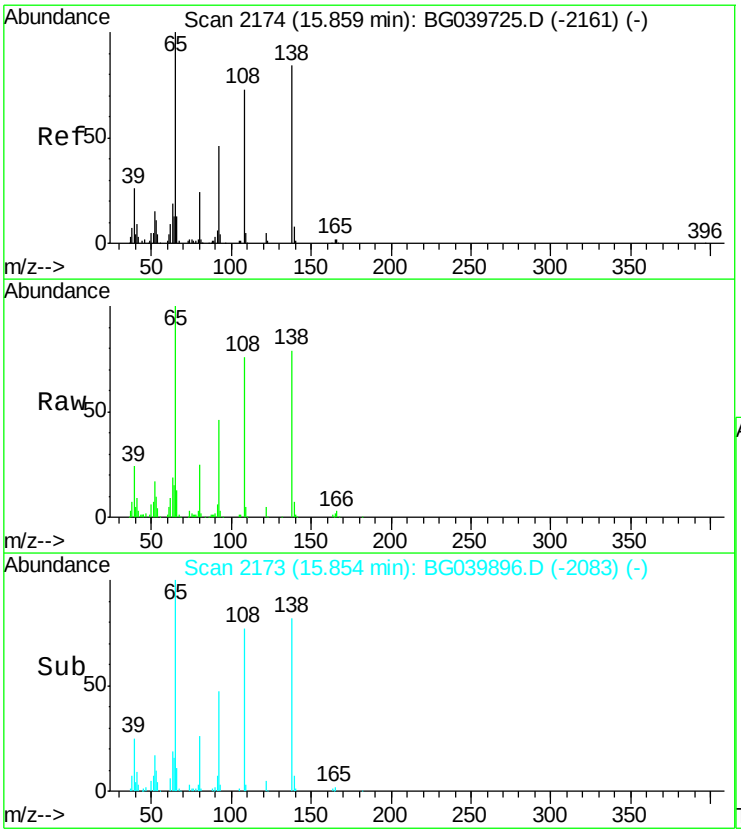

#61
4-Chlorophenyl-phenylether
Concen: 46.577 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:204 Resp: 213278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 29.2 | 43.8 |
| 141 | 59.2 | 49.0 | 73.4 |

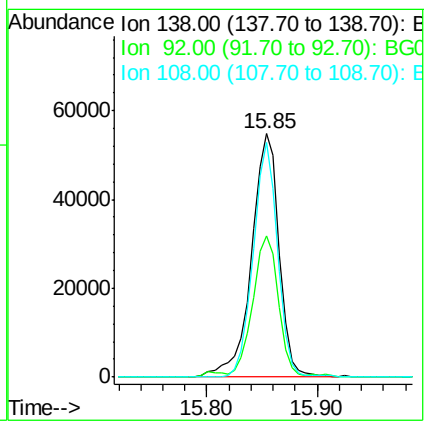


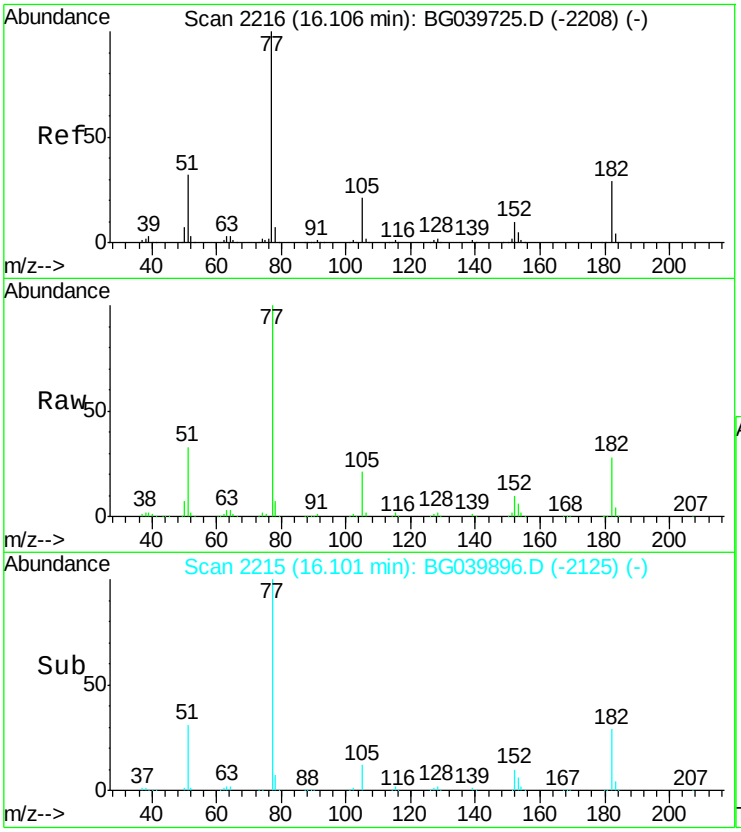




#62
4-Nitroaniline
Concen: 45.839 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:138 Resp: 96366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 57.9 | 38.7 | 78.7 |
| 108 | 96.2 | 74.6 | 114.6 |



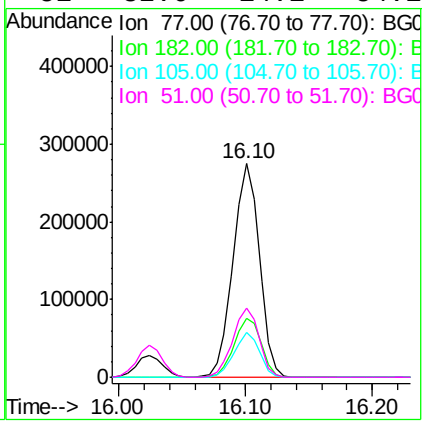


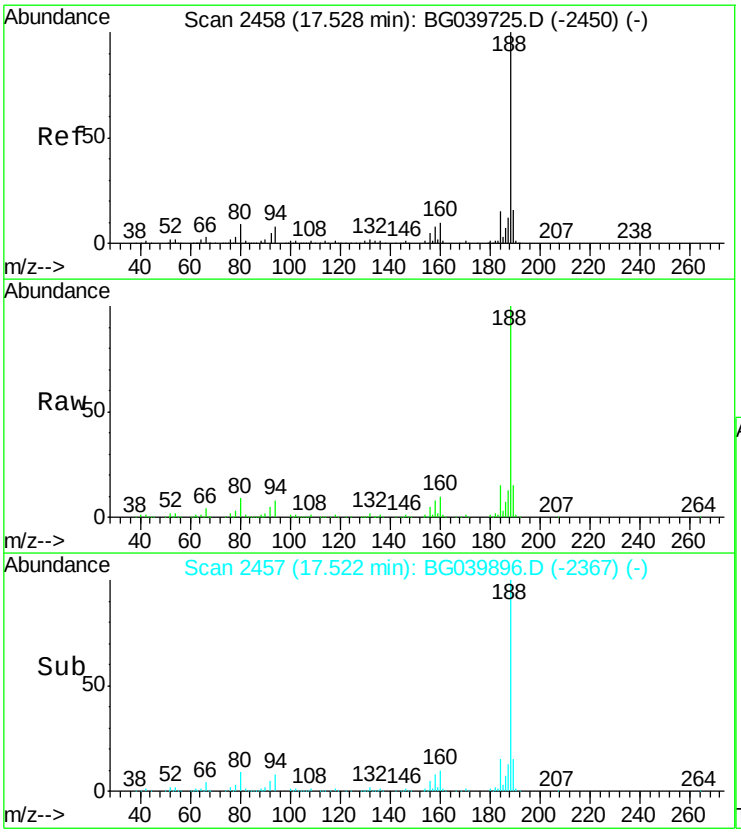

#63
Azobenzene
Concen: 48.252 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion: 77 Resp: 394011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.7 | 6.4 | 46.4 |
| 105 | 21.2 | 0.0 | 39.8 |
| 51 | 32.6 | 14.1 | 54.1 |

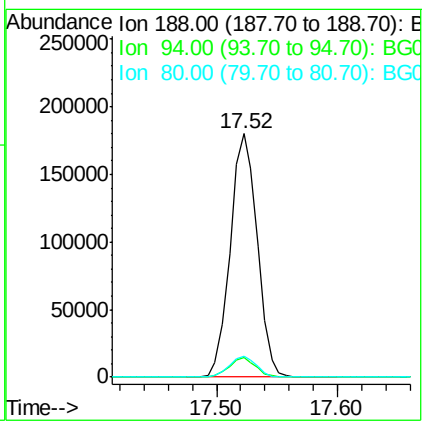


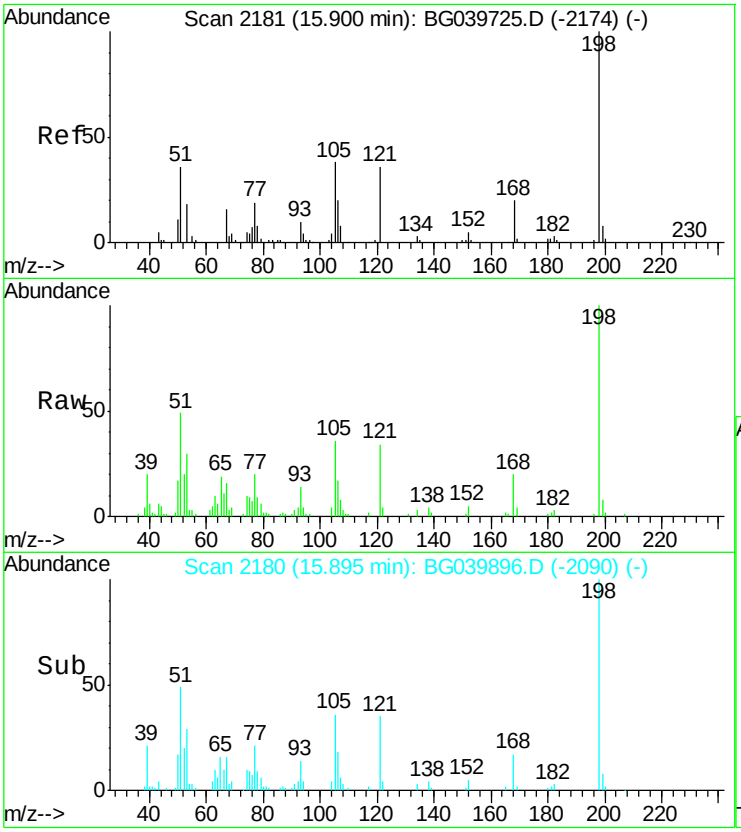




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:188 Resp: 279594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.9 | 10.3 |
| 80 | 8.6 | 8.1 | 12.1 |



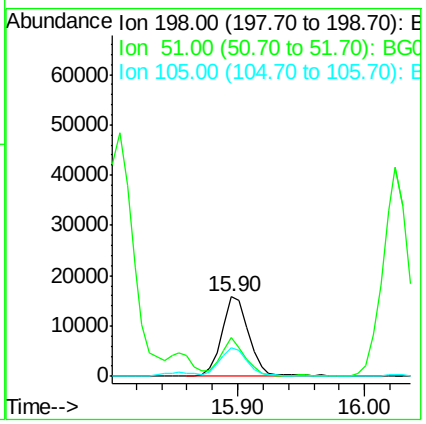


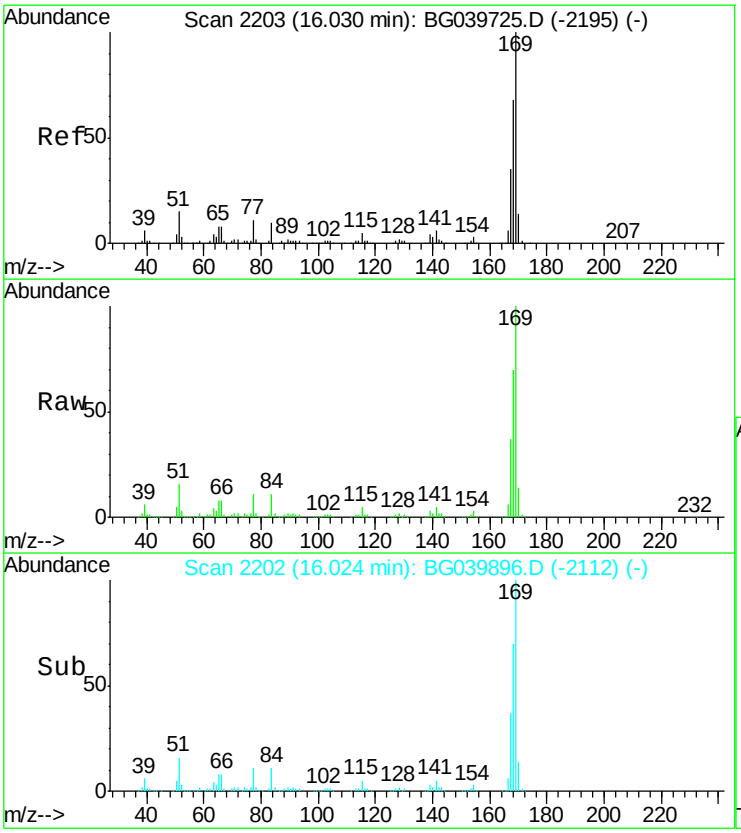

#65
4,6-Dinitro-2-methylphenol
Concen: 14.226 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:198 Resp: 23517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 48.6 | 27.4 | 67.4 |
| 105 | 35.6 | 19.7 | 59.7 |

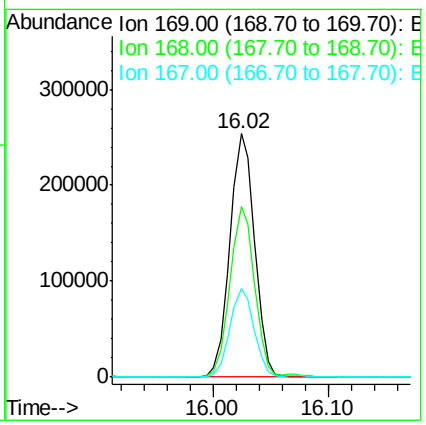


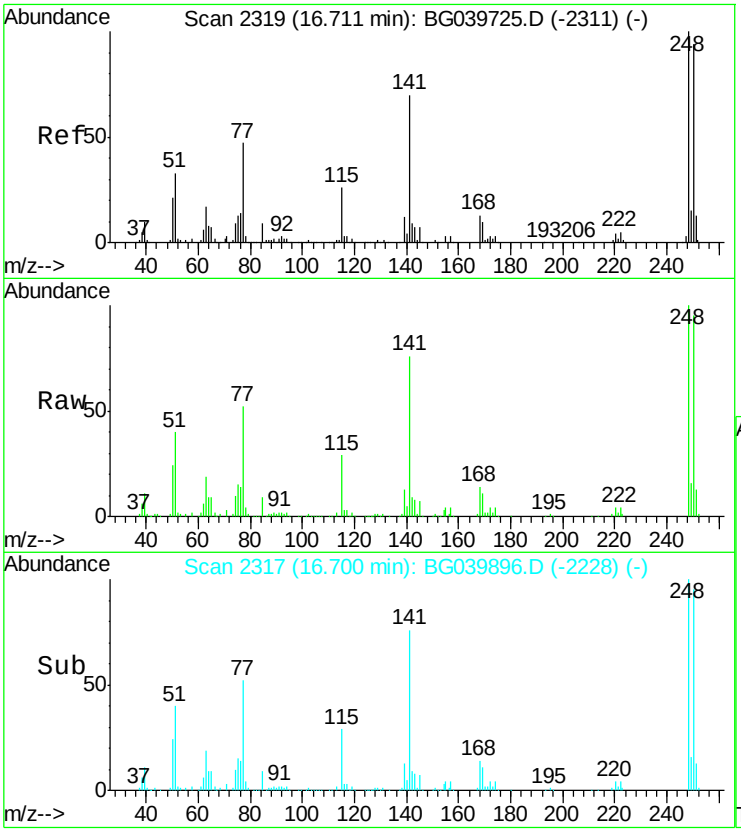




#66
n-Nitrosodiphenylamine
Concen: 46.338 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:169 Resp: 375077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.9 | 56.6 | 85.0 |
| 167 | 36.7 | 28.8 | 43.2 |



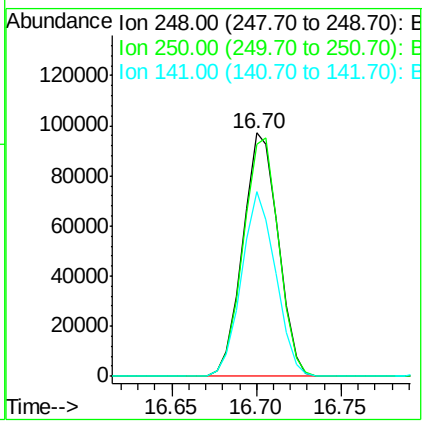


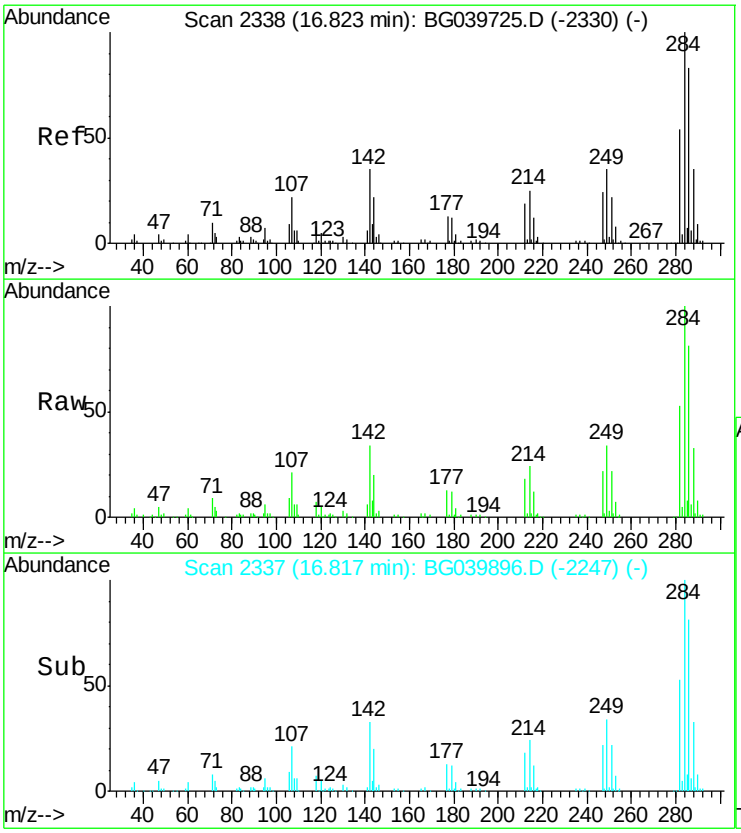

#67
4-Bromophenyl-phenylether
Concen: 45.261 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:248 Resp: 141648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.3 | 77.6 | 116.4 |
| 141 | 76.0 | 63.9 | 95.9 |

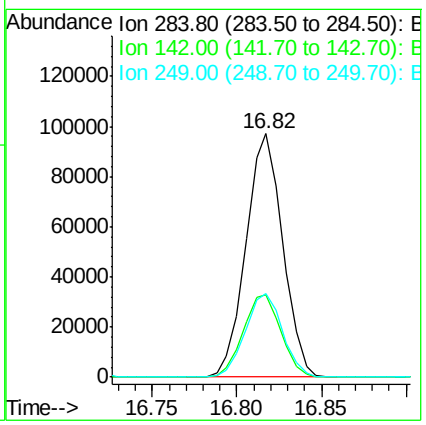


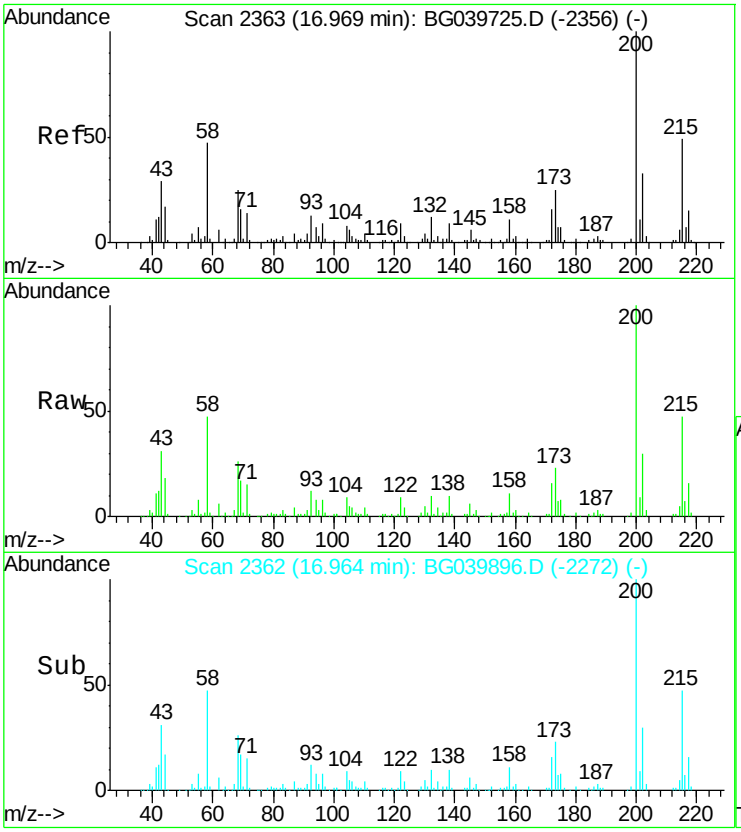




#68
Hexachlorobenzene
Concen: 45.183 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:284 Resp: 146575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.6 | 30.6 | 45.8 |
| 249 | 34.2 | 28.2 | 42.2 |



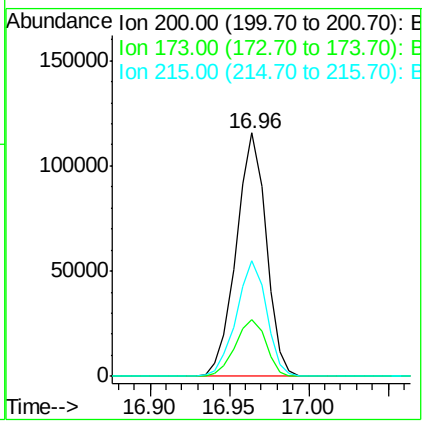


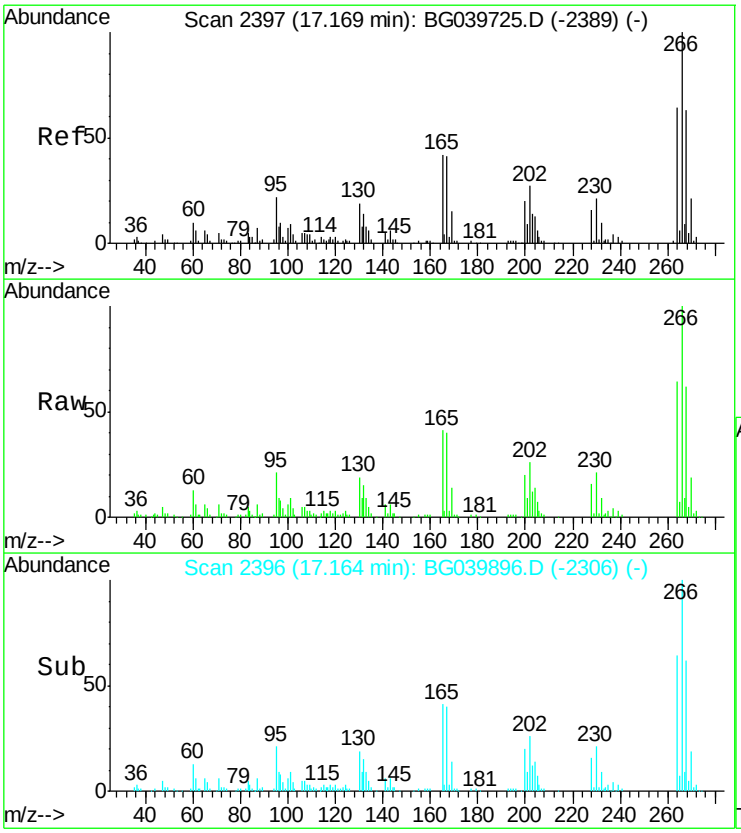

#69
Atrazine
Concen: 47.652 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:200 Resp: 151802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.3 | 3.9 | 43.9 |
| 215 | 47.5 | 30.9 | 70.9 |

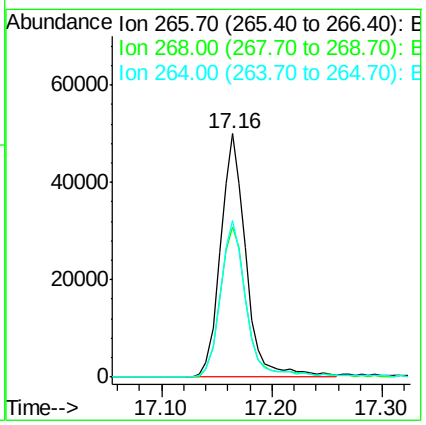


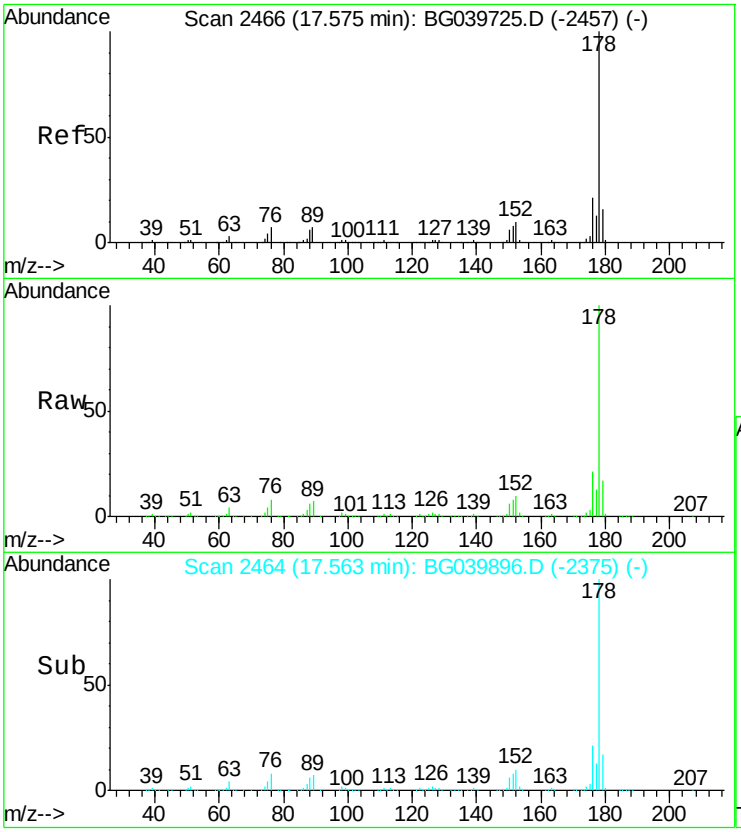




#70
Pentachlorophenol
Concen: 39.261 ng
RT: 17.16 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:266 Resp: 80437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.8 | 51.1 | 76.7 |
| 264 | 64.1 | 52.1 | 78.1 |



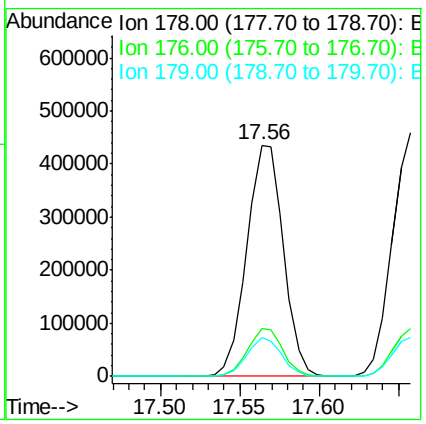


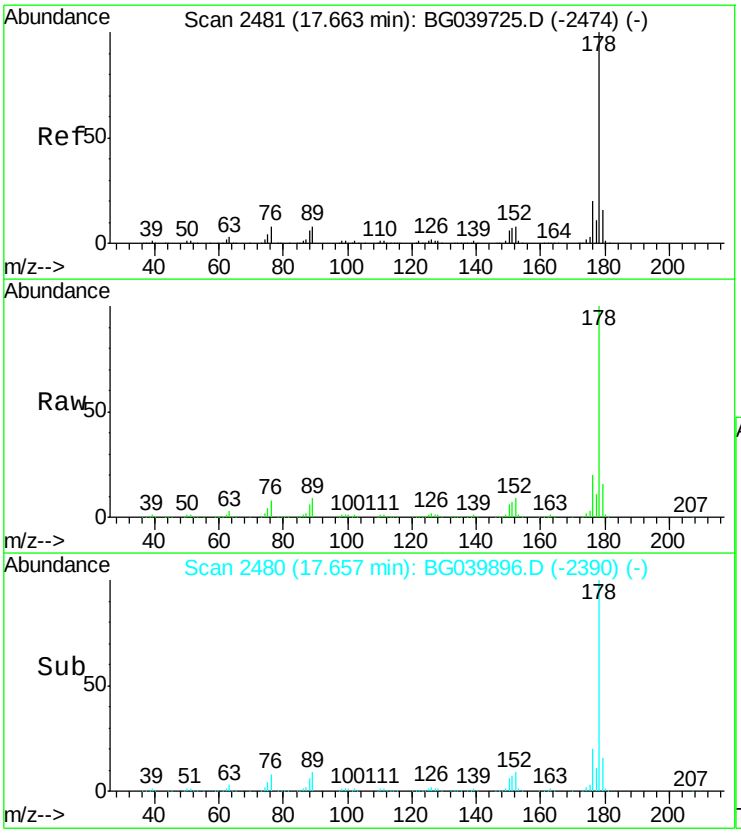

#71
Phenanthrene
Concen: 45.288 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:178 Resp: 697453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.6 | 16.2 | 24.4 |
| 179 | 16.6 | 12.6 | 19.0 |

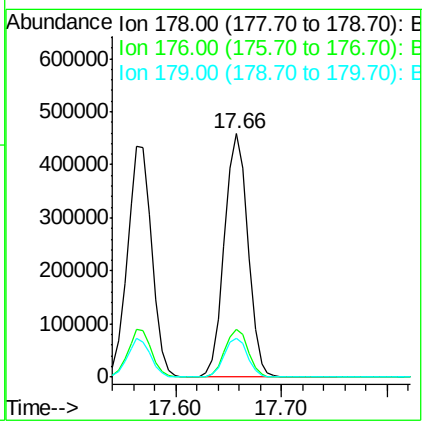


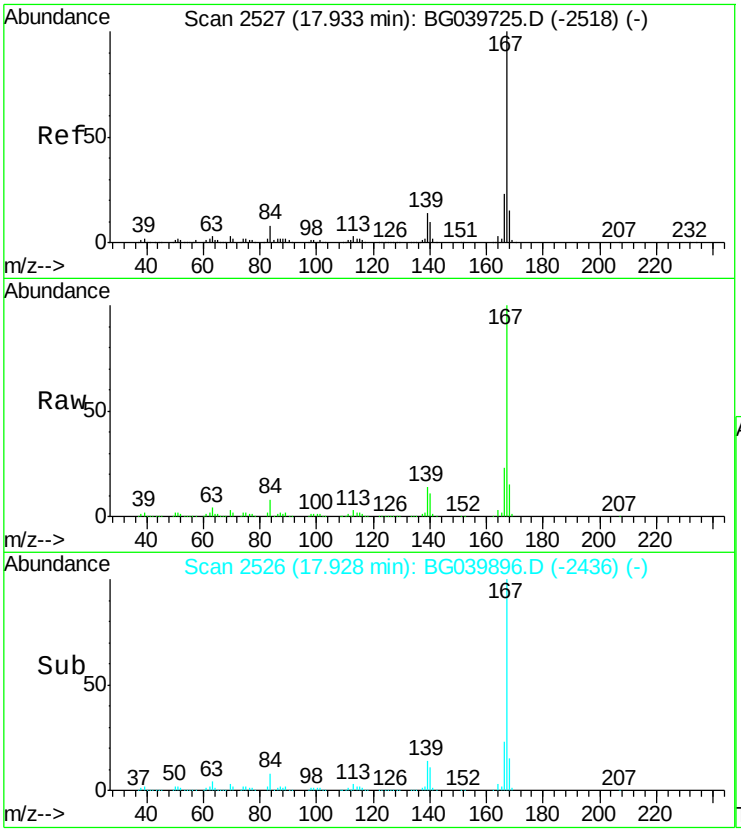




#72
Anthracene
Concen: 46.907 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:178 Resp: 703951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.6 |
| 179 | 16.1 | 12.5 | 18.7 |



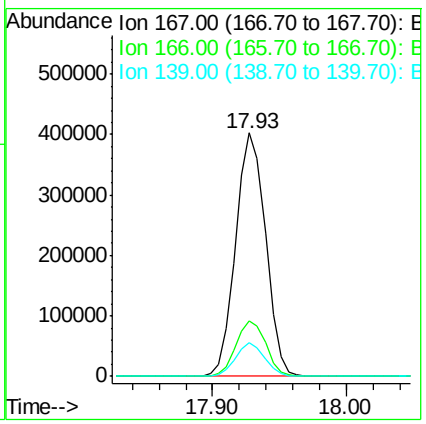


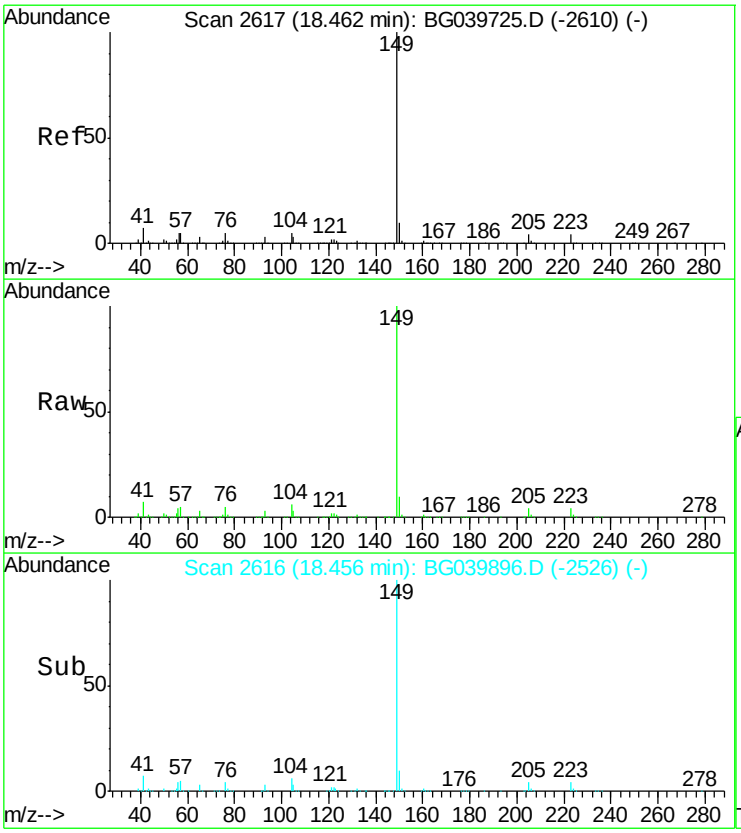

#73
Carbazole
Concen: 46.096 ng
RT: 17.93 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:167 Resp: 623646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.0 | 19.4 | 29.2 |
| 139 | 13.6 | 10.8 | 16.2 |

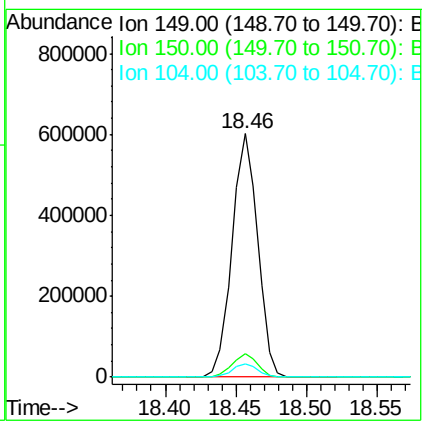


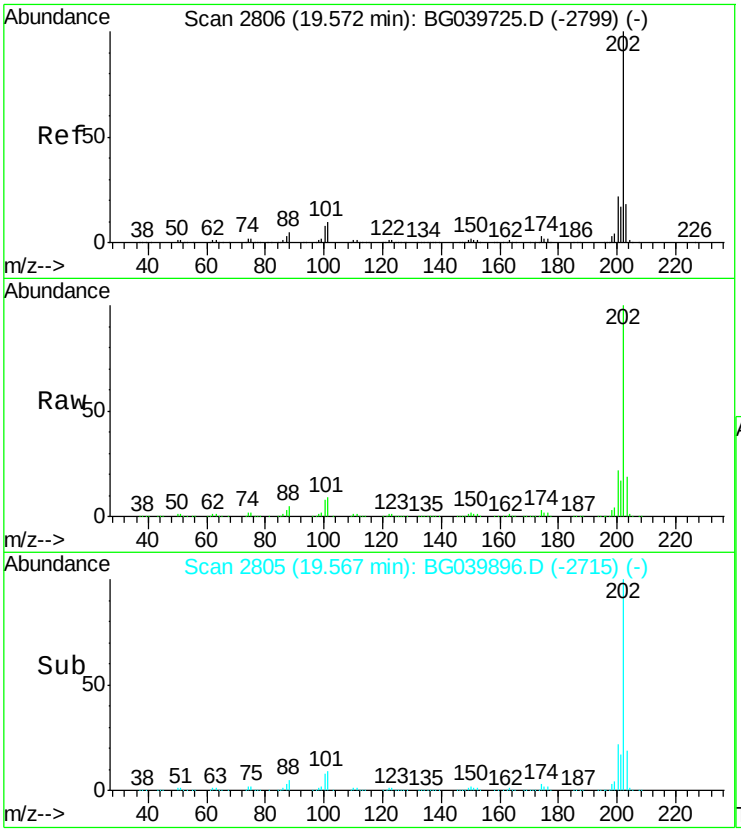




#74
Di-n-butylphthalate
Concen: 47.602 ng
RT: 18.46 min Scan# 2616
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:149 Resp: 757741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.9 | 7.7 | 11.5 |
| 104 | 5.5 | 4.5 | 6.7 |



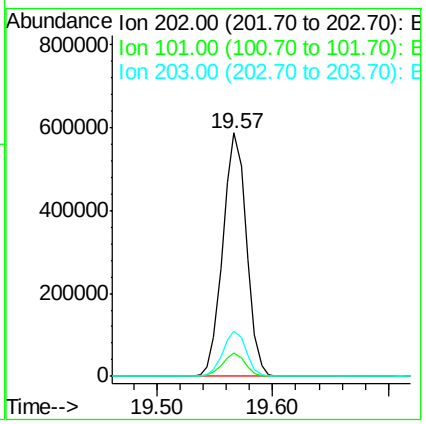


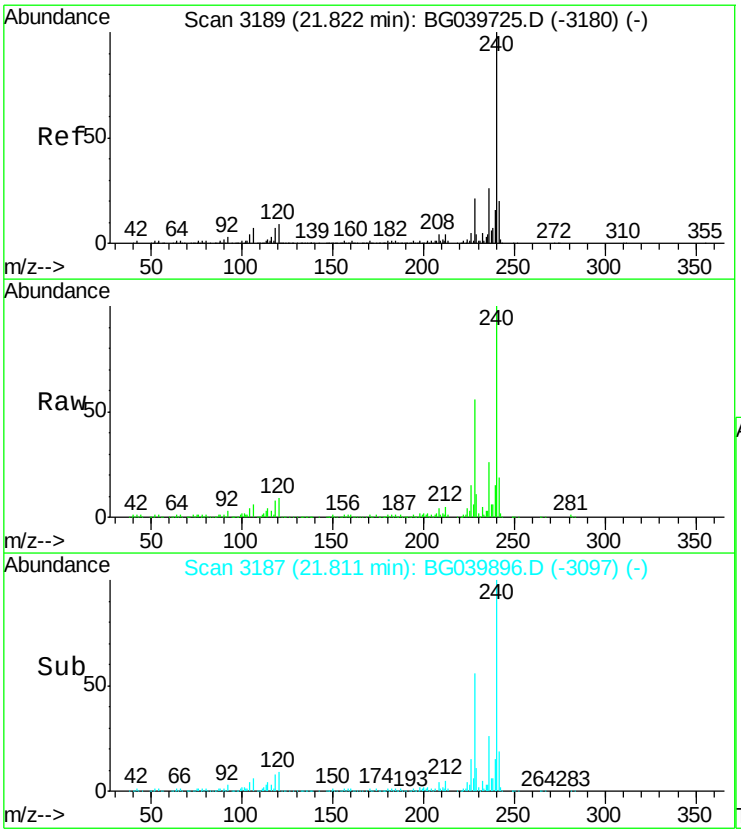

#75
Fluoranthene
Concen: 45.724 ng
RT: 19.57 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:202 Resp: 832204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 30.0 |
| 203 | 18.7 | 0.0 | 38.9 |

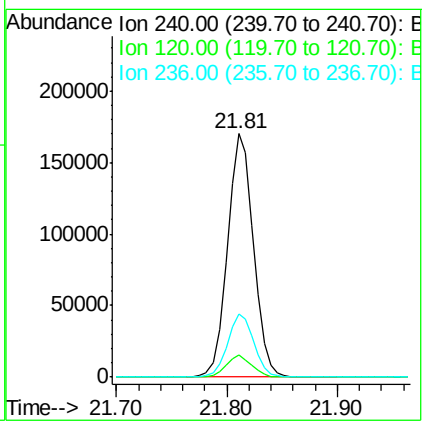


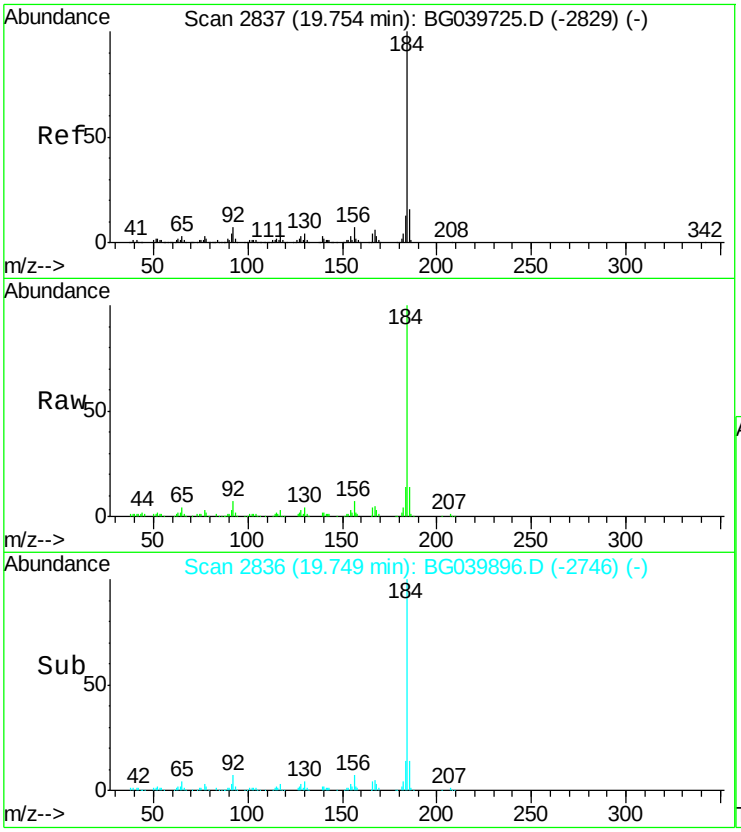




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:240 Resp: 279373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 7.0 | 10.6 |
| 236 | 26.2 | 21.0 | 31.4 |



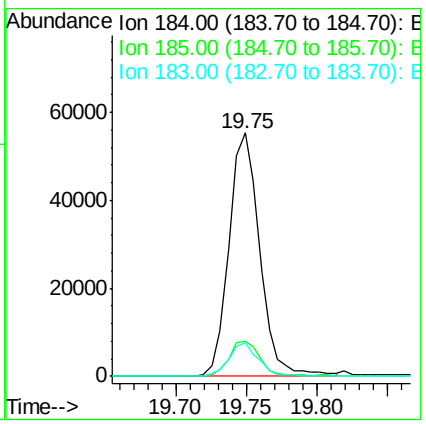


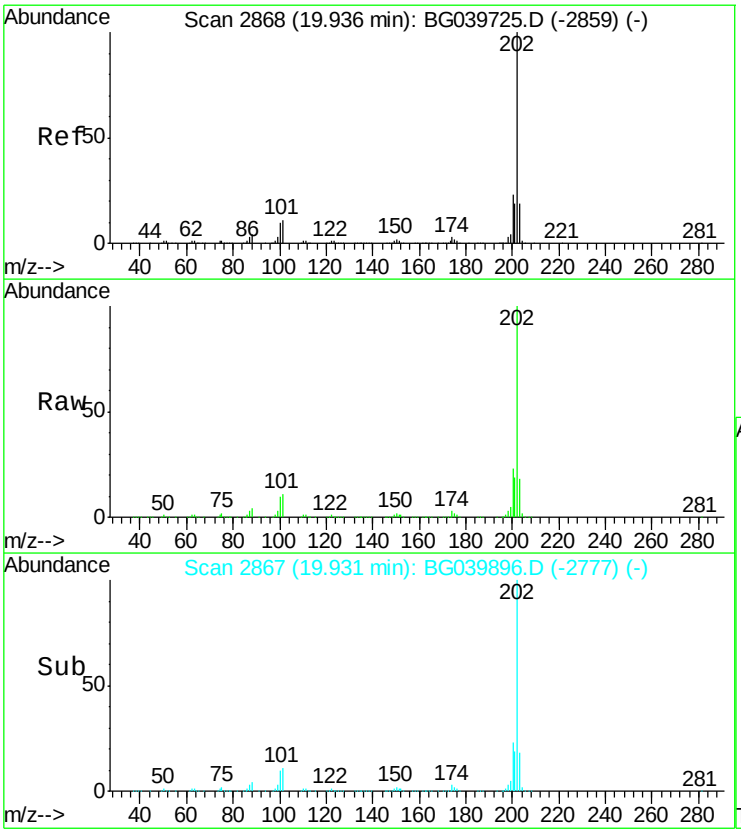

#77
Benzidine
Concen: 9.512 ng
RT: 19.75 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:184 Resp: 84328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 12.2 | 18.2 |
| 183 | 13.8 | 10.6 | 15.8 |

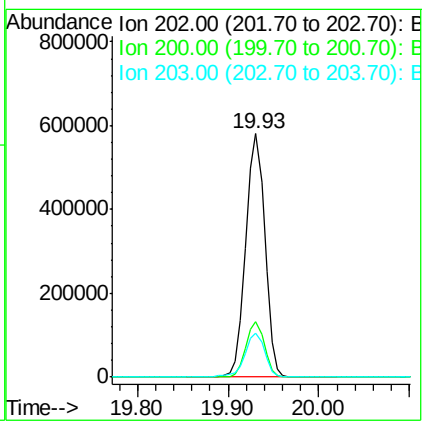


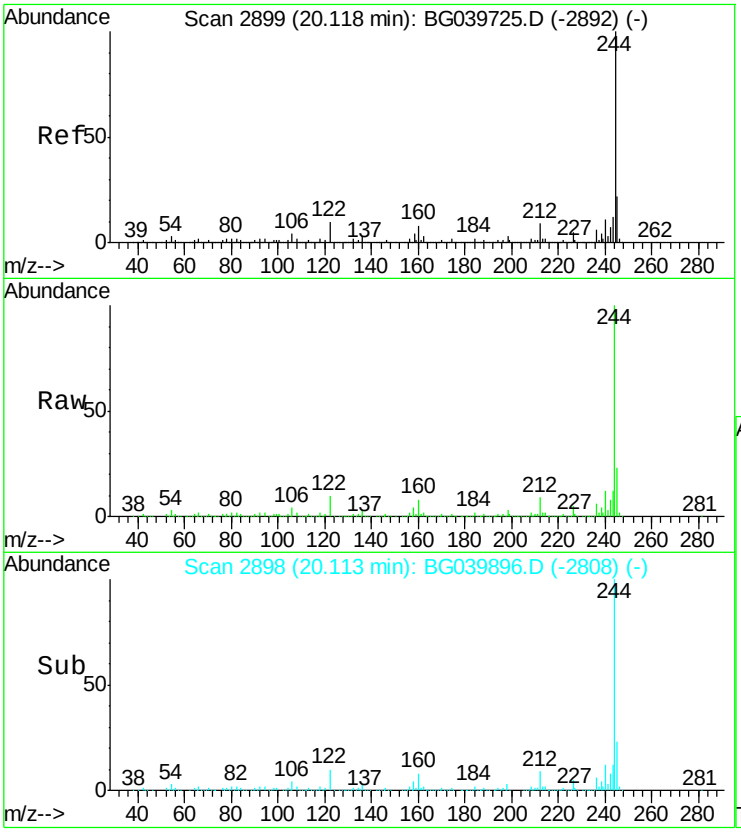




#78
Pyrene
Concen: 46.811 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:202 Resp: 849795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.7 | 17.8 | 26.8 |
| 203 | 17.8 | 15.3 | 22.9 |



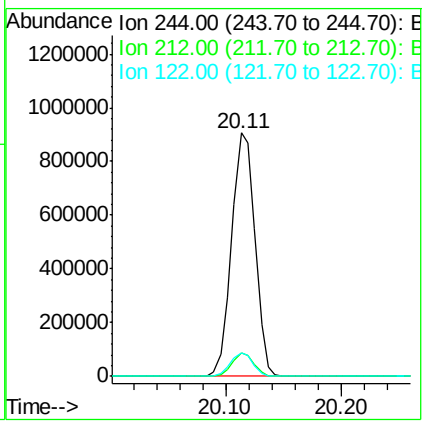


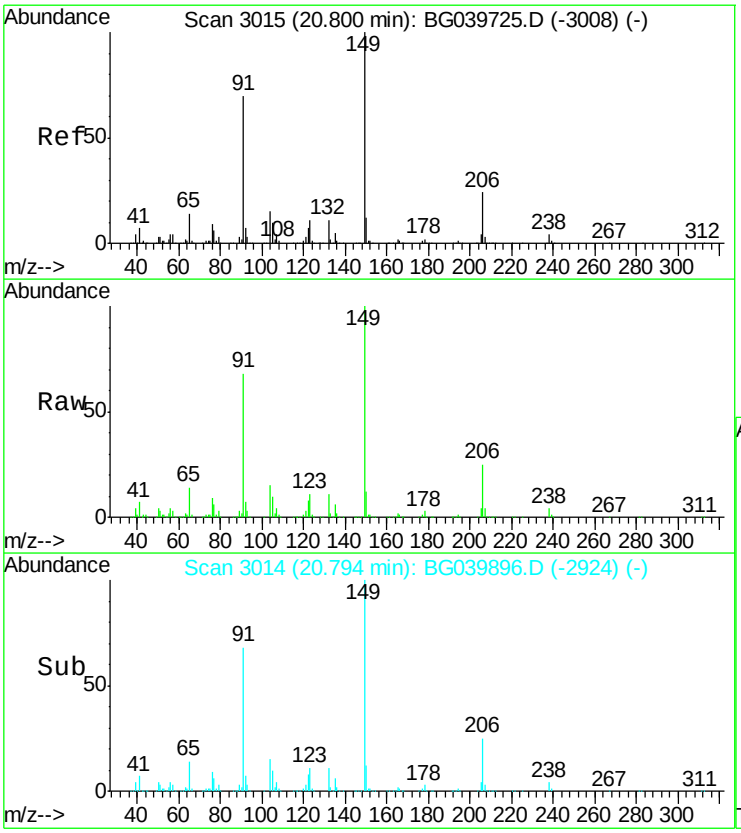

#79
Terphenyl-d14
Concen: 100.083 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:244 Resp: 1269884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.4 | 7.3 | 10.9 |
| 122 | 9.6 | 8.4 | 12.6 |

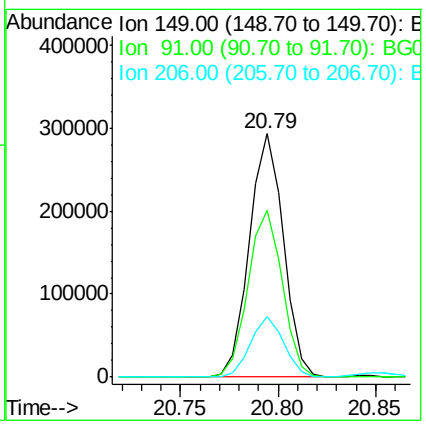


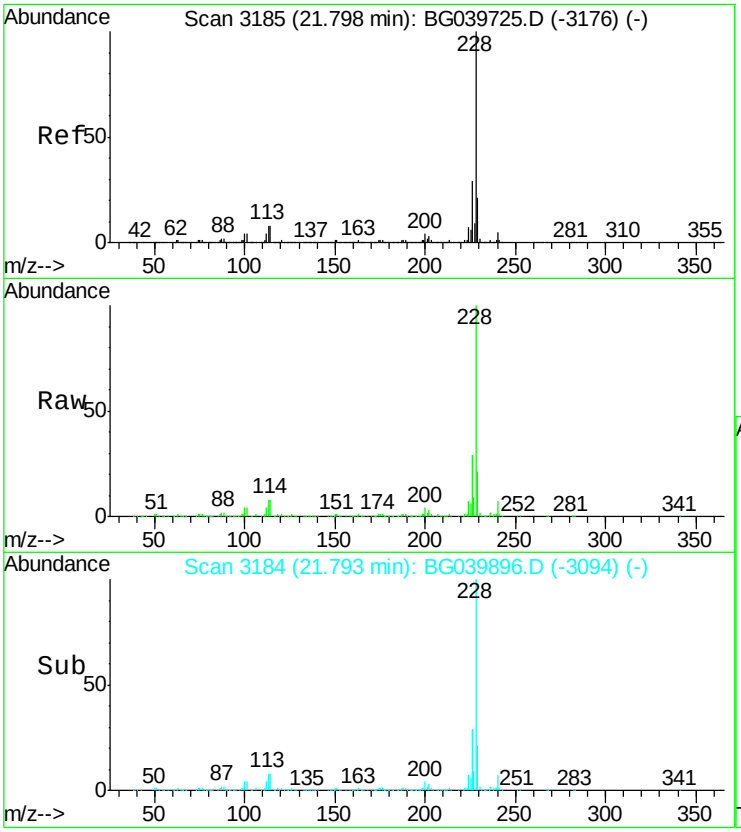




#80
Butylbenzylphthalate
Concen: 50.312 ng
RT: 20.79 min Scan# 3014
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:149 Resp: 353857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.5 | 59.5 | 89.3 |
| 206 | 24.8 | 18.6 | 27.8 |



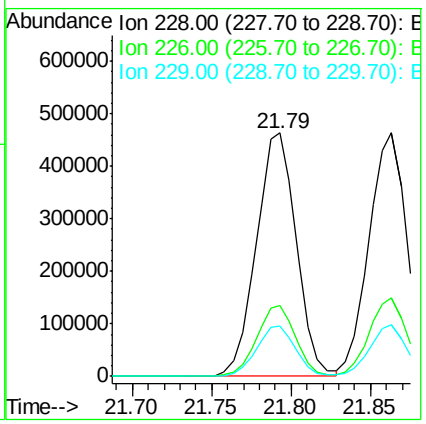


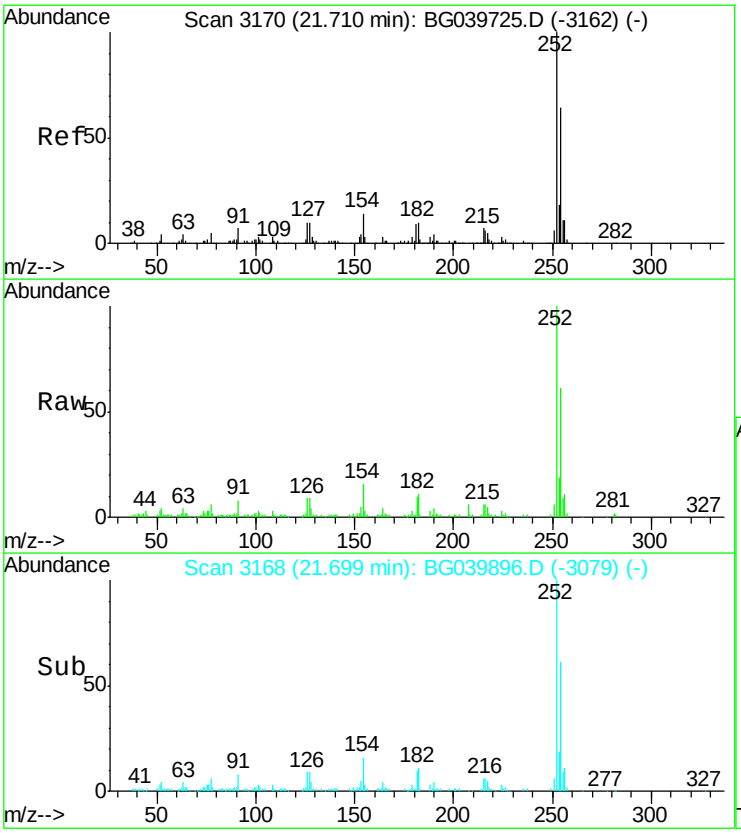

#81
Benzo(a)anthracene
Concen: 46.272 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:228 Resp: 810176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.0 | 34.6 |
| 229 | 20.6 | 16.9 | 25.3 |

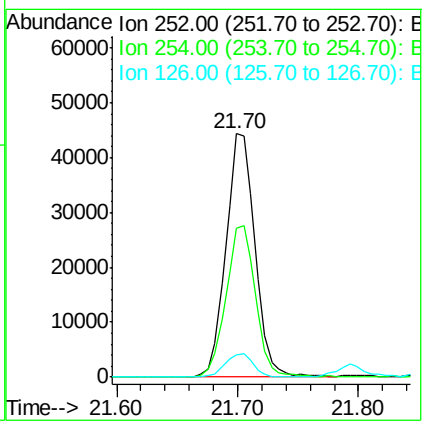


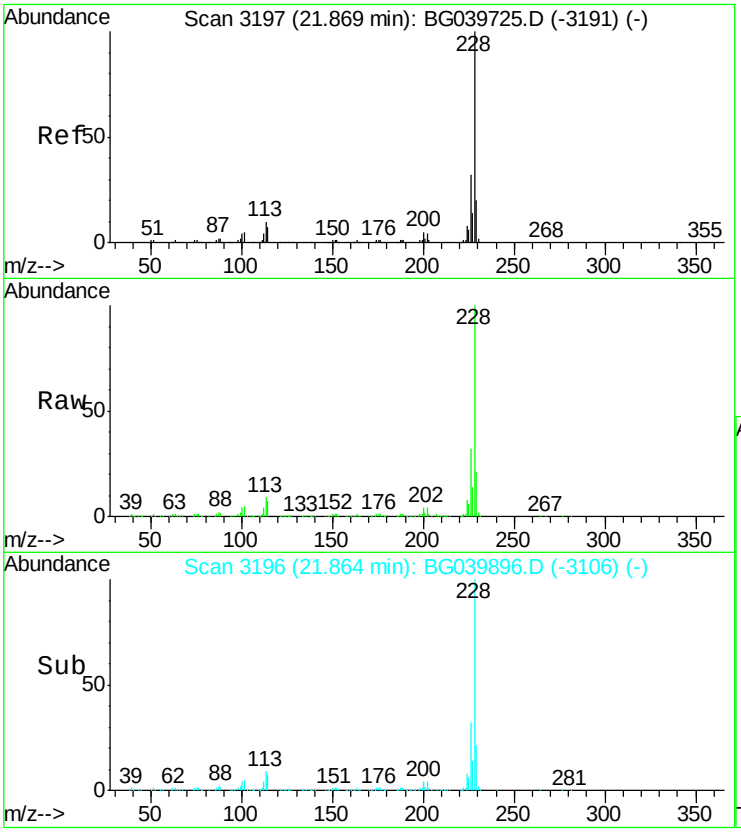




#82
3,3'-Dichlorobenzidine
Concen: 11.619 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:252 Resp: 74277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 61.3 | 51.3 | 76.9 |
| 126 | 9.3 | 8.0 | 12.0 |



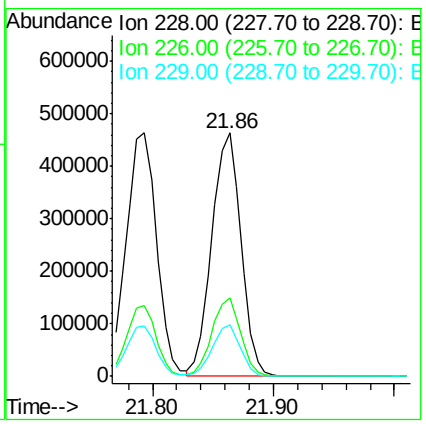


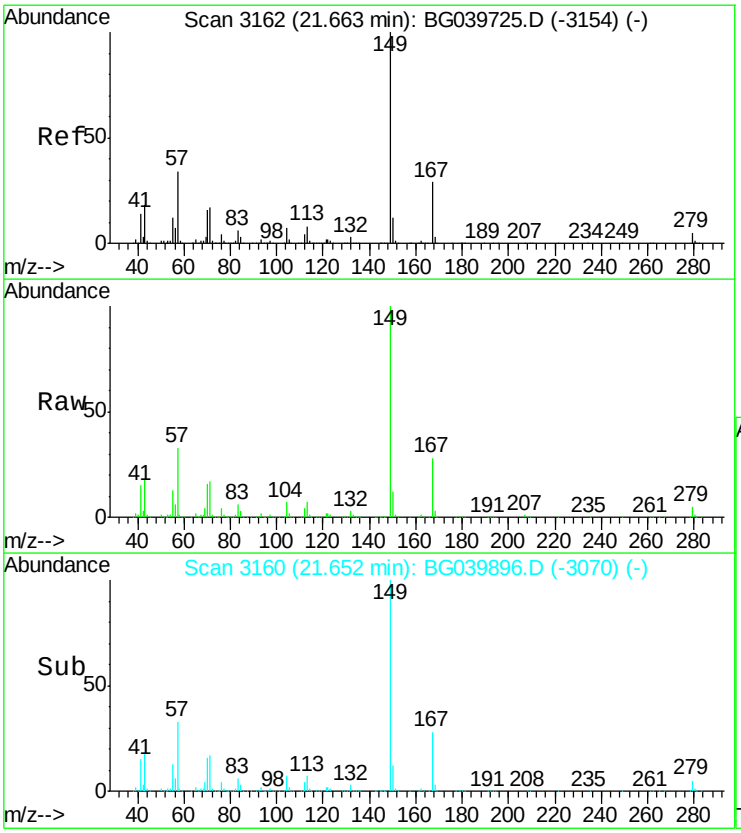

#83
Chrysene
Concen: 45.594 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:228 Resp: 773939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.1 | 25.8 | 38.6 |
| 229 | 21.2 | 16.6 | 25.0 |

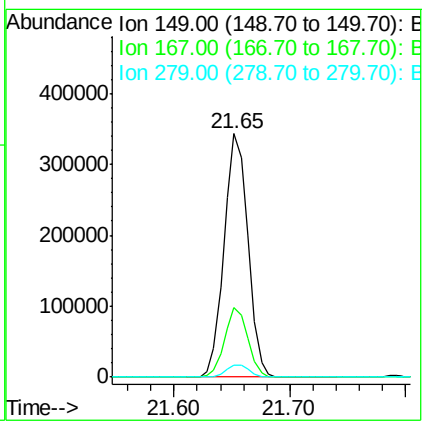


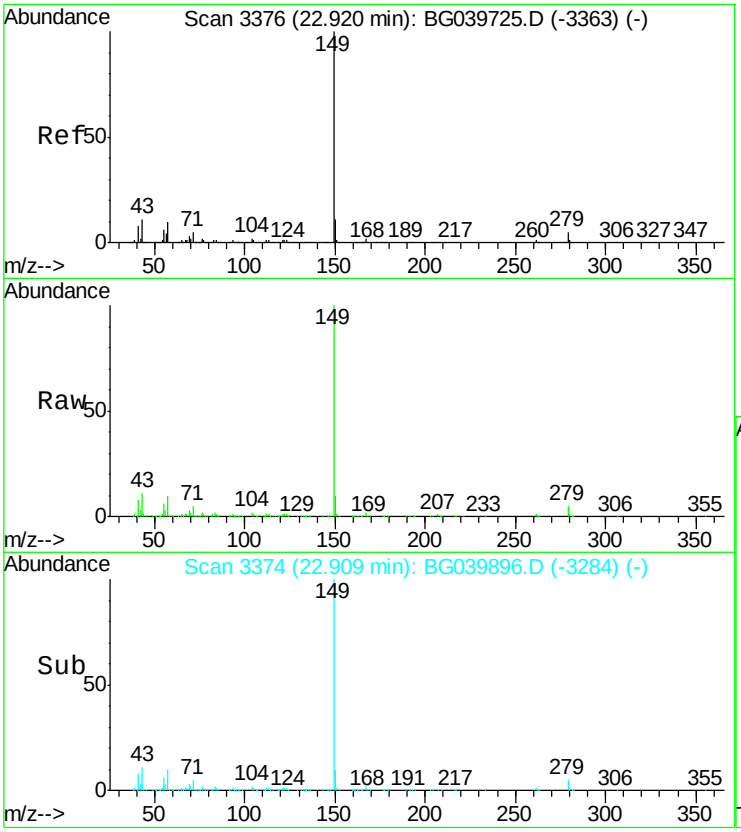




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.531 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:149 Resp: 489539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.6 | 34.0 |
| 279 | 4.9 | 3.5 | 5.3 |



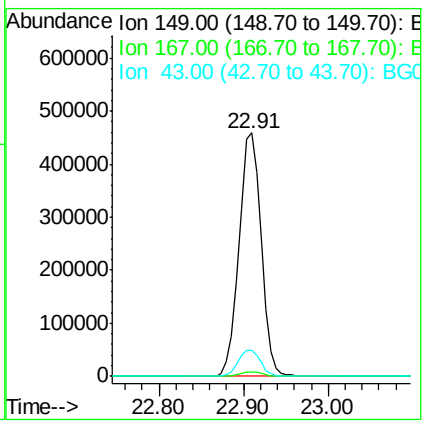


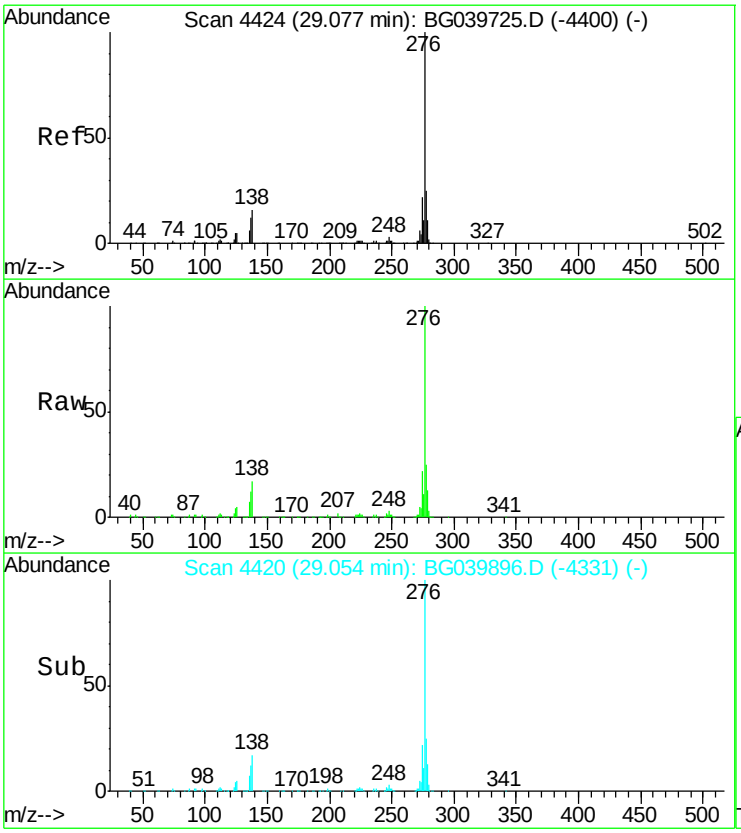

#85
Di-n-octyl phthalate
Concen: 50.552 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:149 Resp: 827267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 10.7 | 10.2 | 15.4 |

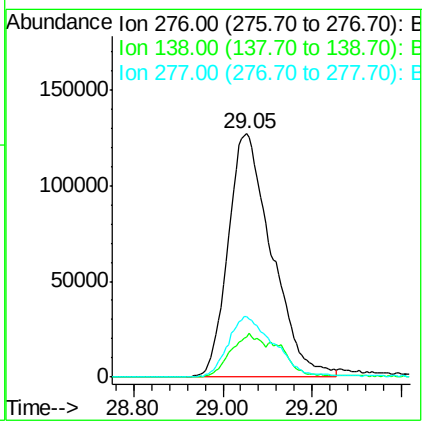


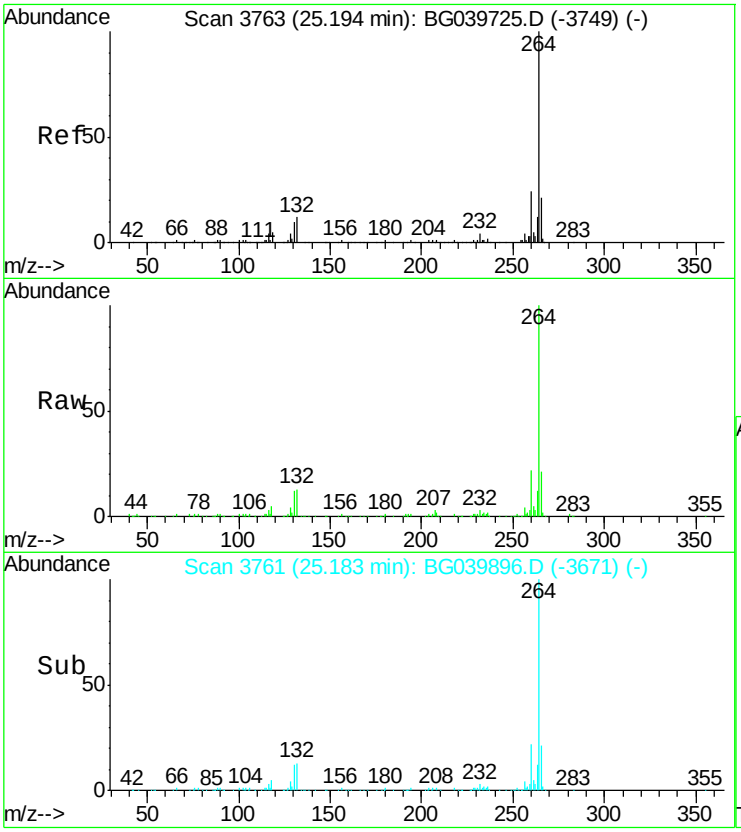




#86
Indeno(1,2,3-cd)pyrene
Concen: 45.058 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:276 Resp: 867674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.7 | 12.6 | 19.0 |
| 277 | 25.8 | 20.8 | 31.2 |



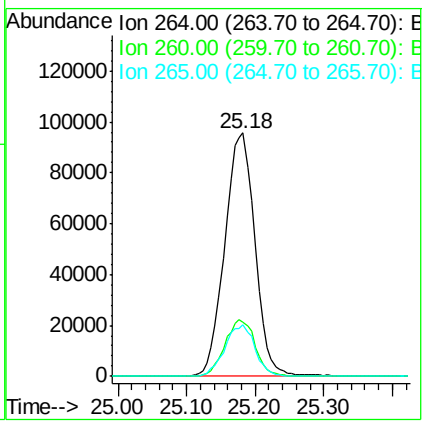


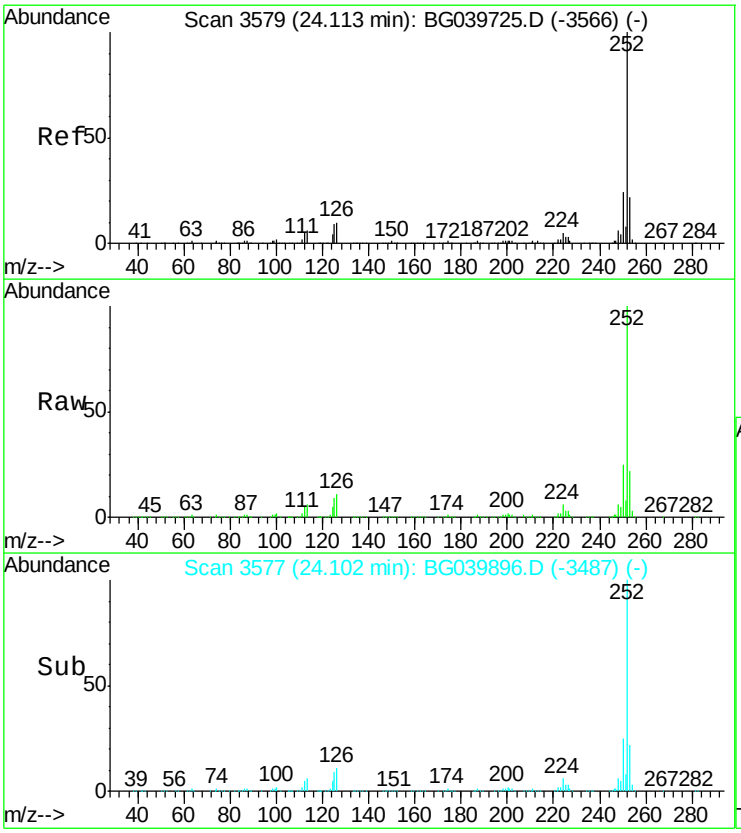

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:264 Resp: 291847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.1 | 18.2 | 27.4 |
| 265 | 21.3 | 18.5 | 27.7 |

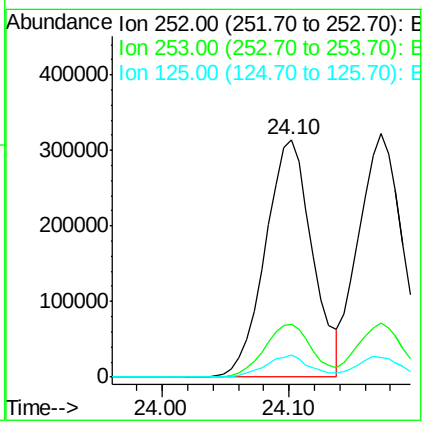


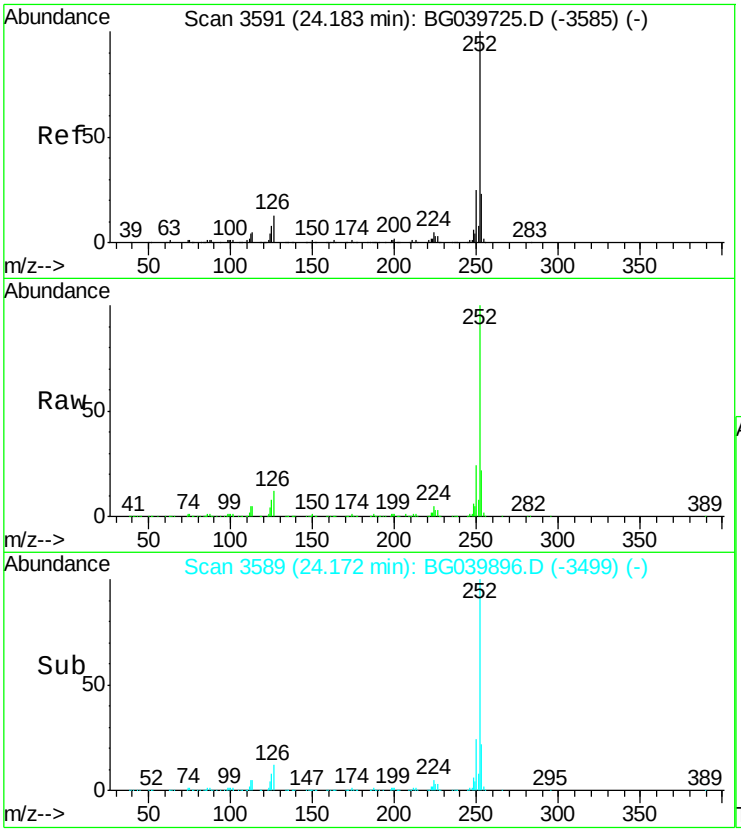




#88
Benzo(b)fluoranthene
Concen: 46.535 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:252 Resp: 809875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.8 |
| 125 | 9.1 | 7.8 | 11.6 |



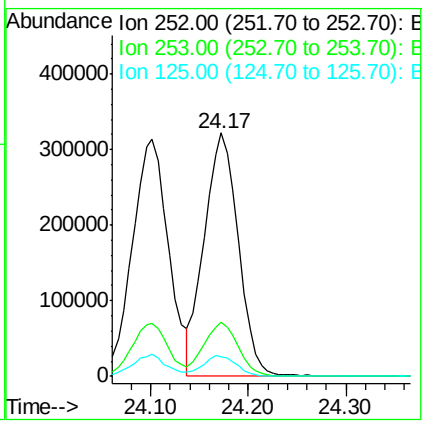


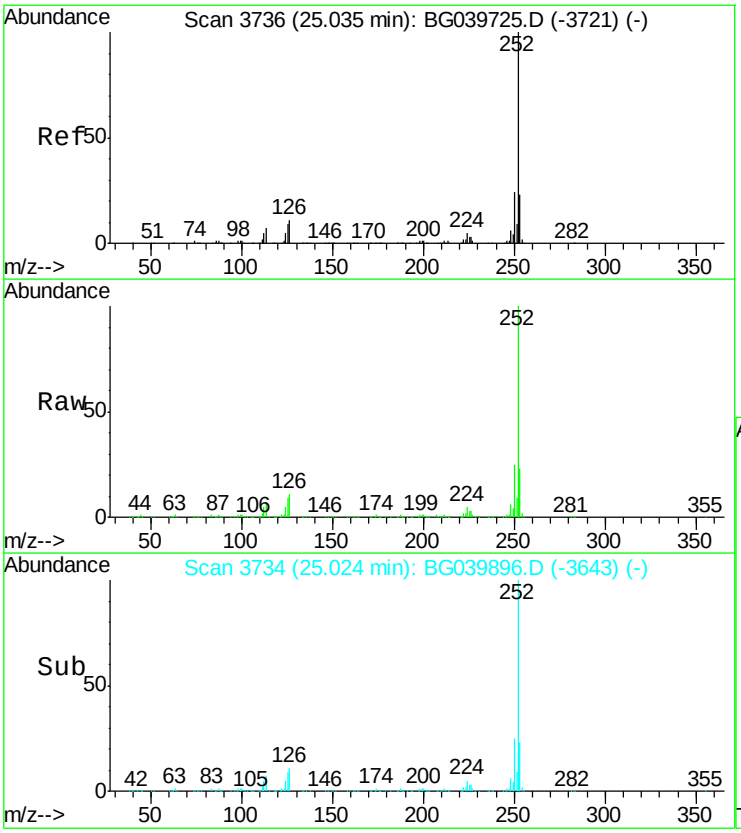

#89
Benzo(k)fluoranthene
Concen: 47.717 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:252 Resp: 773007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.2 | 27.2 |
| 125 | 8.2 | 7.4 | 11.2 |

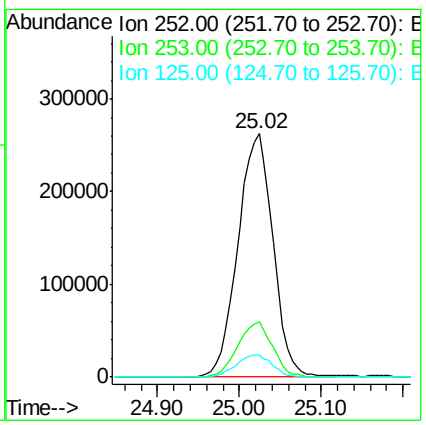


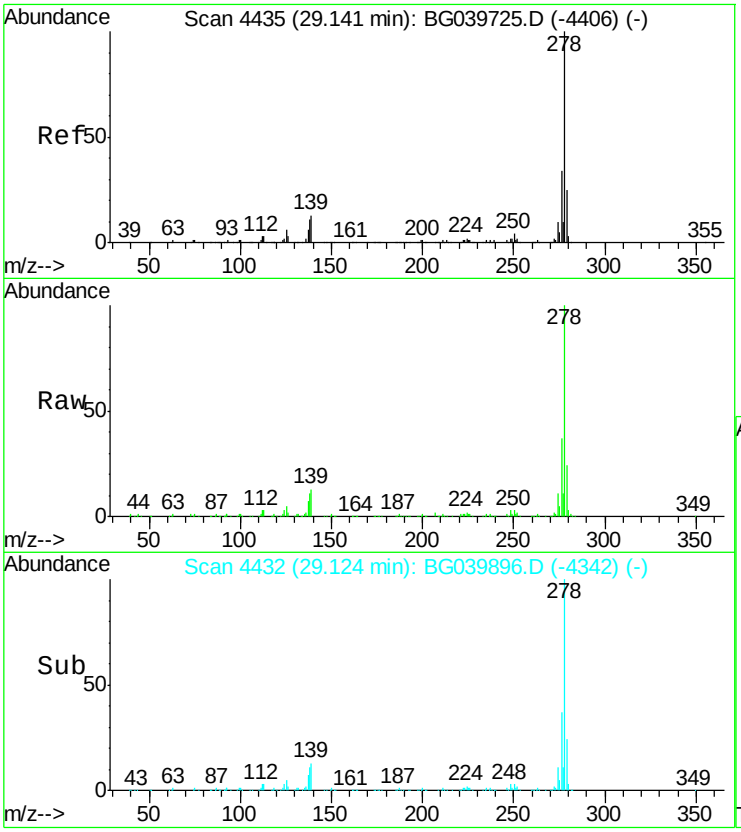




#90
Benzo(a)pyrene
Concen: 48.631 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:252 Resp: 782078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.9 | 26.9 |
| 125 | 8.9 | 8.3 | 12.5 |



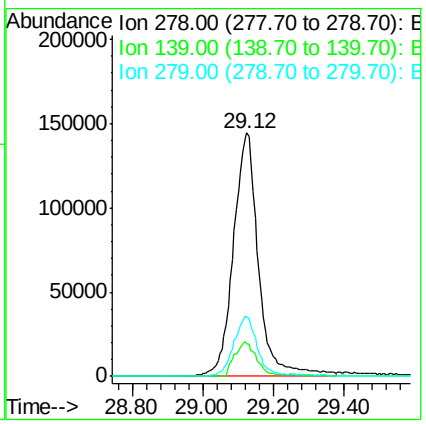


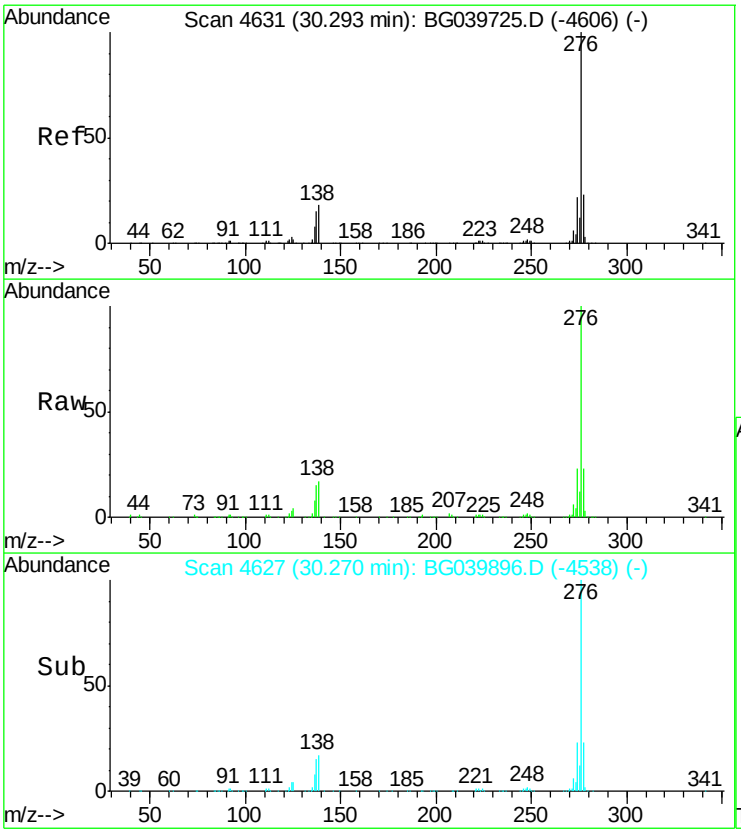

#91
Dibenzo(a,h)anthracene
Concen: 45.500 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

**Instrument :**
BNA_G
**ClientSampleId :**
SU-04-031119-AMSD

Tgt Ion:278 Resp: 717344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.3 | 11.7 | 17.5 |
| 279 | 24.5 | 19.1 | 28.7 |




#92
Benzo(g,h,i)perylene
Concen: 43.983 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion:276 Resp: 696426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.6 | 29.4 |
| 138 | 16.7 | 14.7 | 22.1 |