Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038898.D
Acq On : 2 Jan 2019 18:56
Operator : JU/SJ
Sample : PB116088BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB116088BSD

Quant Time: Jan 03 00:17:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 23349 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.86 | 136 | 97093 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.69 | 164 | 72222 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.44 | 188 | 194035 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.71 | 240 | 193268 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 25.01 | 264 | 190388 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 165985 | 126.09 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 225985 | 125.05 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 115392 | 60.72 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 144579 | 145.25 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.31 | 172 | 321552 | 61.08 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.03 | 244 | 704583 | 79.34 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.48 | 88 | 31475 | 51.372 | ng | | 95 |
| 3) Pyridine | 3.88 | 79 | 53435 | 31.677 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.81 | 42 | 30817 | 37.285 | ng | | 97 |
| 6) Aniline | 7.37 | 93 | 70546 | 30.579 | ng | | 94 |
| 8) 2-Chlorophenol | 7.61 | 128 | 70309 | 46.152 | ng | | 99 |
| 9) Benzaldehyde | 7.18 | 77 | 15265 | 13.021 | ng | | 97 |
| 10) Phenol | 7.24 | 94 | 88366 | 46.024 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 55503 | 36.309 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.93 | 146 | 71754 | 39.835 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.08 | 146 | 73090 | 39.620 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 70920 | 40.778 | ng | | 97 |
| 15) Benzyl Alcohol | 8.29 | 79 | 62313 | 44.175 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 114236 | 32.623 | ng | | 97 |
| 17) 2-Methylphenol | 8.50 | 107 | 60451 | 46.994 | ng | | 97 |
| 18) Hexachloroethane | 9.12 | 117 | 25796 | 38.267 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 48328 | 38.075 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 83915 | 47.235 | ng | | 96 |
| 22) Acetophenone | 8.88 | 105 | 98945 | 40.799 | ng | | 96 |
| 24) Nitrobenzene | 9.26 | 77 | 75571 | 39.306 | ng | | 99 |
| 25) Isophorone | 9.78 | 82 | 141670 | 41.488 | ng | | 99 |
| 26) 2-Nitrophenol | 9.98 | 139 | 41450 | 42.122 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 70032 | 49.658 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 80073 | 41.552 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 81415 | 51.892 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 81941 | 43.238 | ng | | 97 |
| 31) Naphthalene | 10.92 | 128 | 213889 | 44.711 | ng | | 97 |
| 32) Benzoic acid | 10.13 | 122 | 6973 | 16.300 | ng | | 98 |
| 33) 4-Chloroaniline | 11.03 | 127 | 65325 | 31.453 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.17 | 225 | 52701 | 41.098 | ng | | 95 |
| 35) Caprolactam | 11.82 | 113 | 29805 | 45.904 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 86200 | 48.145 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 165575 | 48.515 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.74 | 142 | 161350 | 48.720 | ng | | 96 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 105674 | 39.144 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038898.D
Acq On : 2 Jan 2019 18:56
Operator : JU/SJ
Sample : PB116088BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB116088BSD

Quant Time: Jan 03 00:17:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.84 | 237 | 117306 | 79.092 ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 13.13 | 196 | 79842 | 48.100 ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 13.20 | 196 | 86809 | 49.395 ng | | 98 |
| 46) 1,1'-Biphenyl | 13.52 | 154 | 224694 | 37.112 ng | | 98 |
| 47) 2-Chloronaphthalene | 13.57 | 162 | 181214 | 38.747 ng | | 99 |
| 48) 2-Nitroaniline | 13.78 | 65 | 58924 | 39.555 ng | # | 85 |
| 49) Acenaphthylene | 14.41 | 152 | 304192 | 43.508 ng | | 98 |
| 50) Dimethylphthalate | 14.14 | 163 | 252842 | 42.870 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.27 | 165 | 57207 | 42.802 ng | | 89 |
| 52) Acenaphthene | 14.75 | 154 | 174186 | 41.664 ng | | 98 |
| 53) 3-Nitroaniline | 14.61 | 138 | 45490 | 33.388 ng | | 91 |
| 54) 2,4-Dinitrophenol | 14.81 | 184 | 42056 | 54.640 ng | | 95 |
| 55) Dibenzofuran | 15.09 | 168 | 303637 | 42.369 ng | | 97 |
| 56) 4-Nitrophenol | 14.92 | 139 | 87559 | 84.713 ng | | 96 |
| 57) 2,4-Dinitrotoluene | 15.06 | 165 | 84428 | 44.849 ng | | 89 |
| 58) Fluorene | 15.73 | 166 | 248952 | 46.888 ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 84010 | 53.132 ng | | 96 |
| 60) Diethylphthalate | 15.49 | 149 | 266108 | 41.100 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204 | 139956 | 42.247 ng | | 98 |
| 62) 4-Nitroaniline | 15.77 | 138 | 62840 | 44.800 ng | | 94 |
| 63) Azobenzene | 16.01 | 77 | 213541 | 39.480 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 47503 | 34.319 ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.94 | 169 | 232242 | 40.736 ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.62 | 248 | 98446 | 41.543 ng | | 95 |
| 68) Hexachlorobenzene | 16.73 | 284 | 105467 | 42.934 ng | | 97 |
| 69) Atrazine | 16.88 | 200 | 96548 | 45.632 ng | | 98 |
| 70) Pentachlorophenol | 17.08 | 266 | 92900 | 63.938 ng | | 98 |
| 71) Phenanthrene | 17.48 | 178 | 441116 | 43.840 ng | | 99 |
| 72) Anthracene | 17.57 | 178 | 455394 | 45.845 ng | | 99 |
| 73) Carbazole | 17.84 | 167 | 398949 | 40.610 ng | | 100 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 466998 | 41.429 ng | | 99 |
| 75) Fluoranthene | 19.49 | 202 | 546158 | 43.870 ng | | 96 |
| 77) Benzidine | 19.67 | 184 | 238211 | 41.676 ng | | 98 |
| 78) Pyrene | 19.85 | 202 | 542065 | 42.455 ng | | 99 |
| 80) Butylbenzylphthalate | 20.72 | 149 | 200793 | 40.253 ng | | 94 |
| 81) Benzo(a)anthracene | 21.70 | 228 | 516882 | 43.890 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.61 | 252 | 134411 | 28.777 ng | | 98 |
| 83) Chrysene | 21.76 | 228 | 480752 | 42.382 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149 | 283613 | 40.088 ng | | 98 |
| 85) Di-n-octyl phthalate | 22.78 | 149 | 475165 | 40.104 ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 577297 | 43.289 ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.95 | 252 | 514181 | 49.189 ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.02 | 252 | 483696 | 46.469 ng | | 99 |
| 90) Benzo(a)pyrene | 24.85 | 252 | 491452 | 48.733 ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 28.84 | 278 | 483106 | 48.114 ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.98 | 276 | 484543 | 48.967 ng | | 97 |

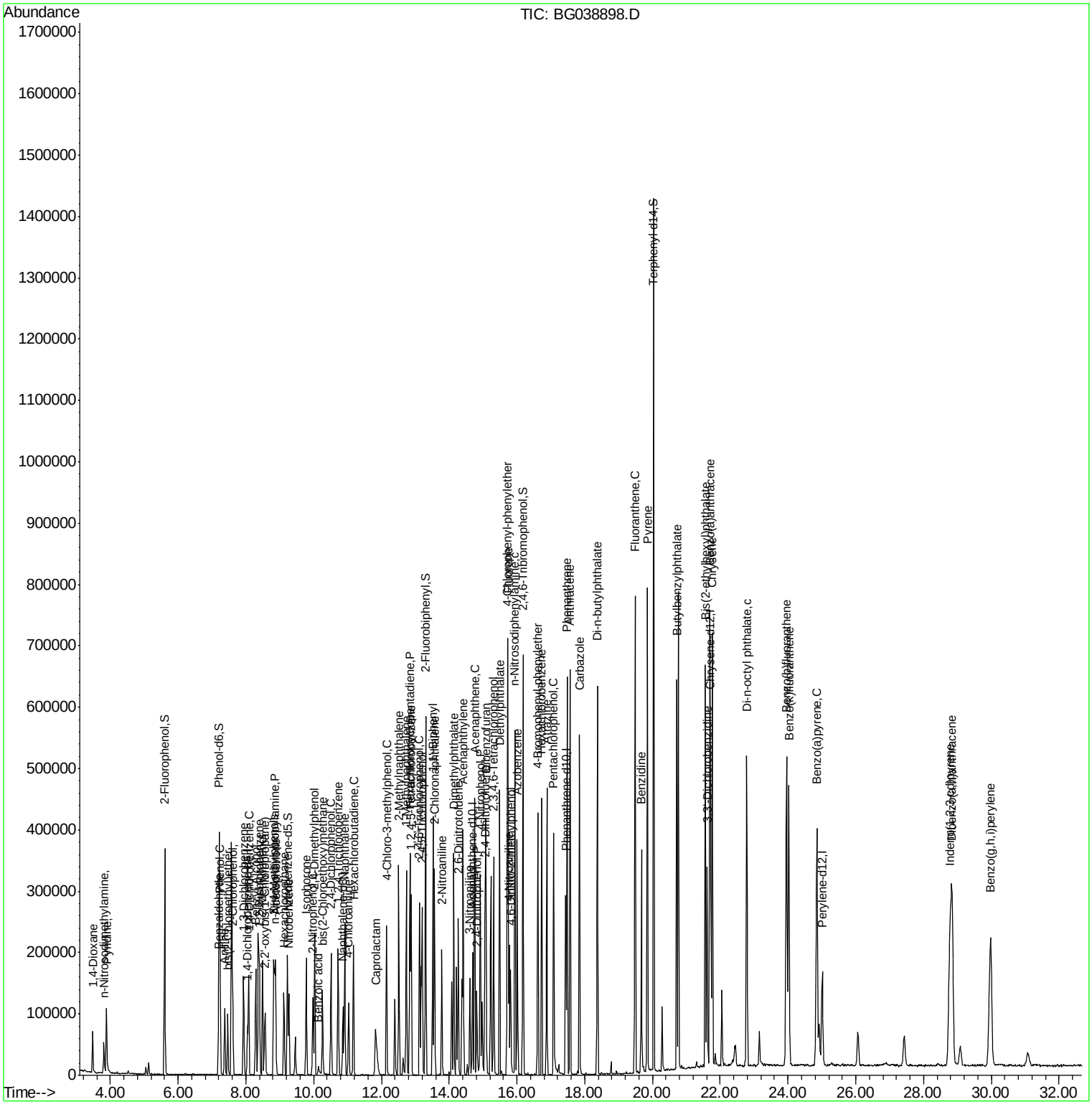
(#) = qualifier out of range (m) = manual integration (+) = signals summed

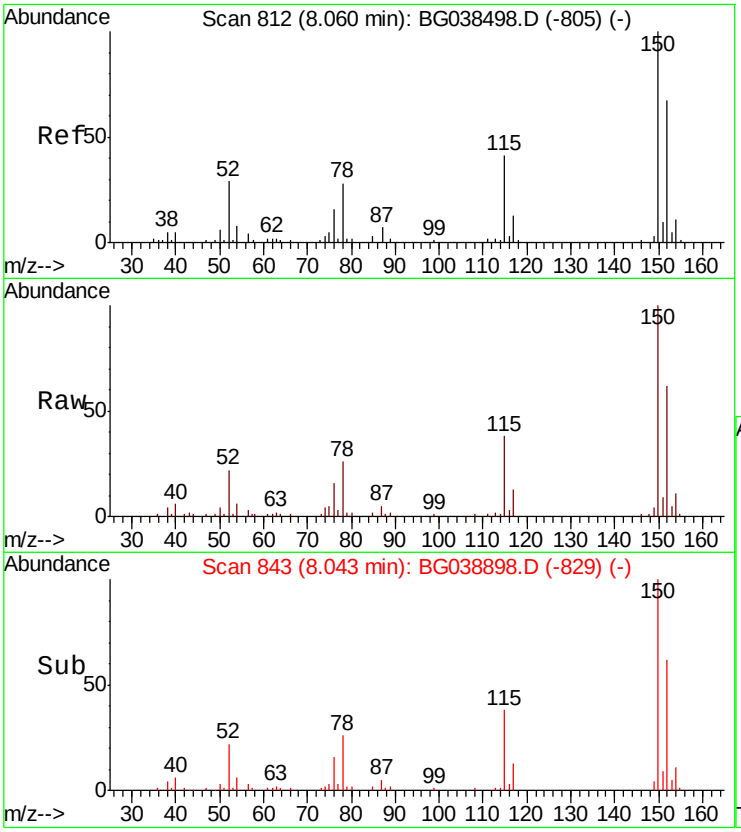
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038898.D
Acq On : 2 Jan 2019 18:56
Operator : JU/SJ
Sample : PB116088BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Quant Time: Jan 03 00:17:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



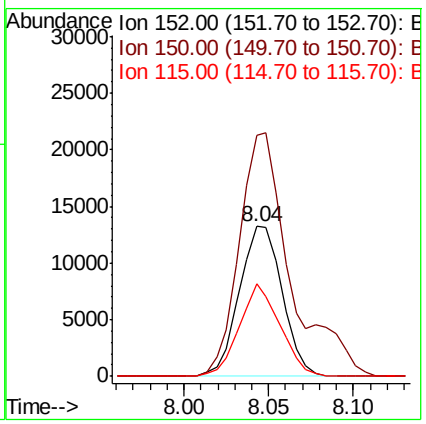


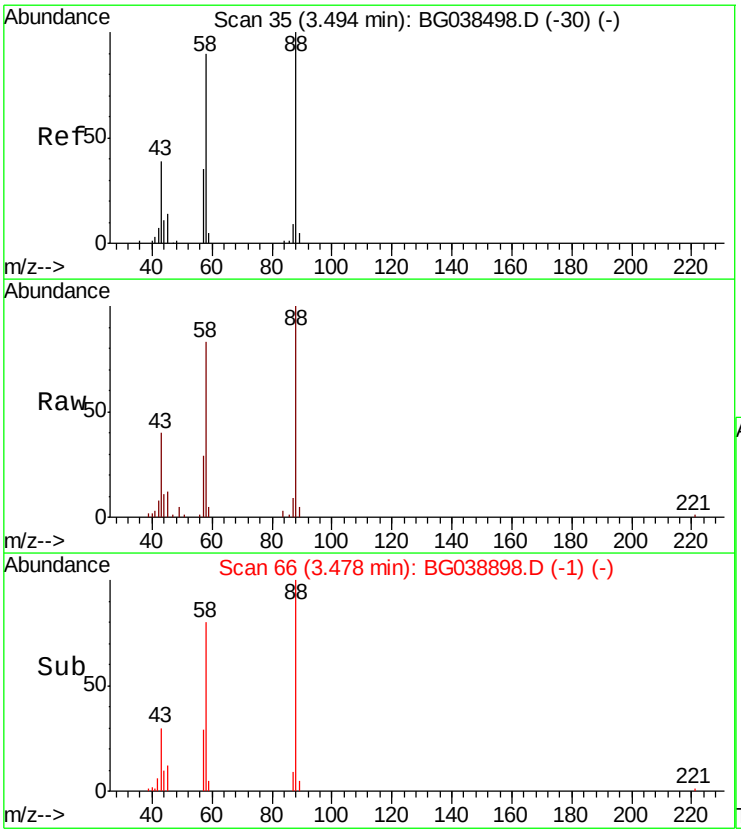

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:152 Resp: 23349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.2 | 119.5 | 179.3 |
| 115 | 62.0 | 49.6 | 74.4 |

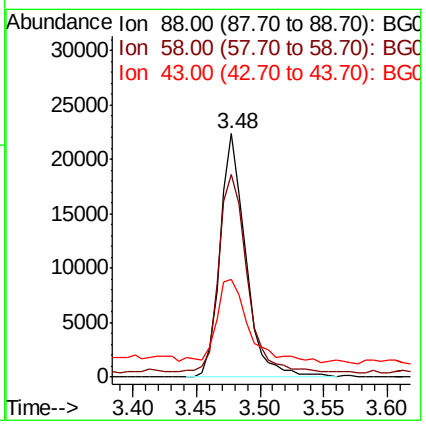


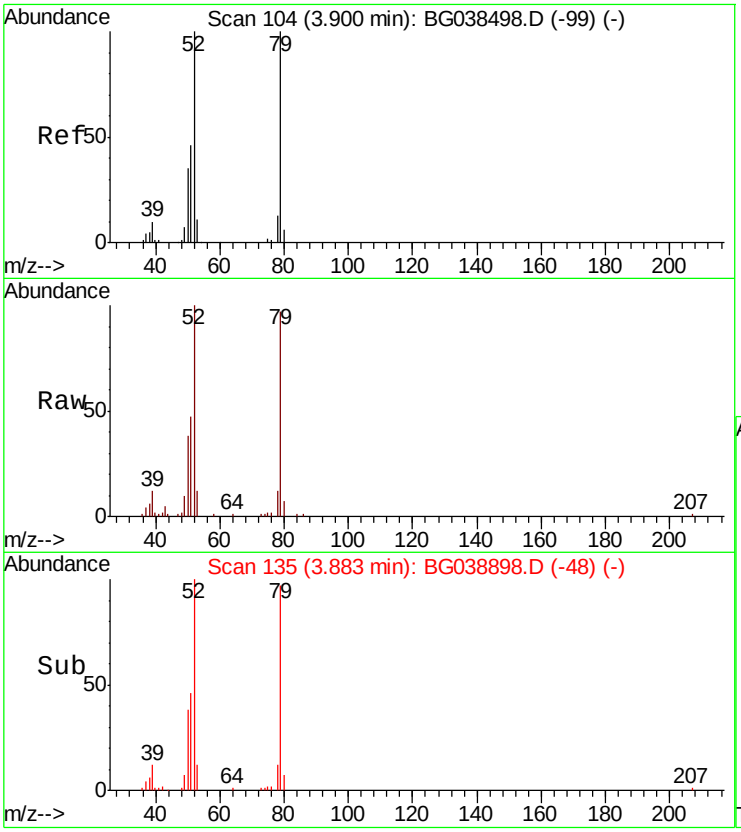




#2
1,4-Dioxane
Concen: 51.372 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 88 Resp: 31475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.3 | 75.7 | 113.5 |
| 43 | 40.5 | 31.6 | 47.4 |



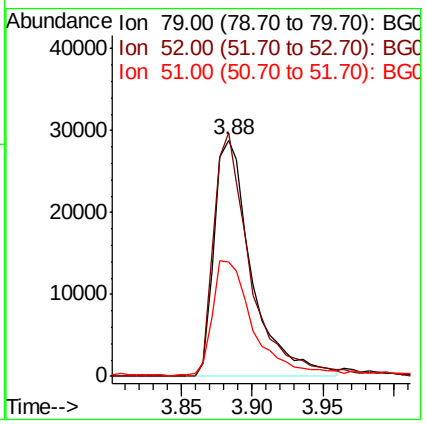


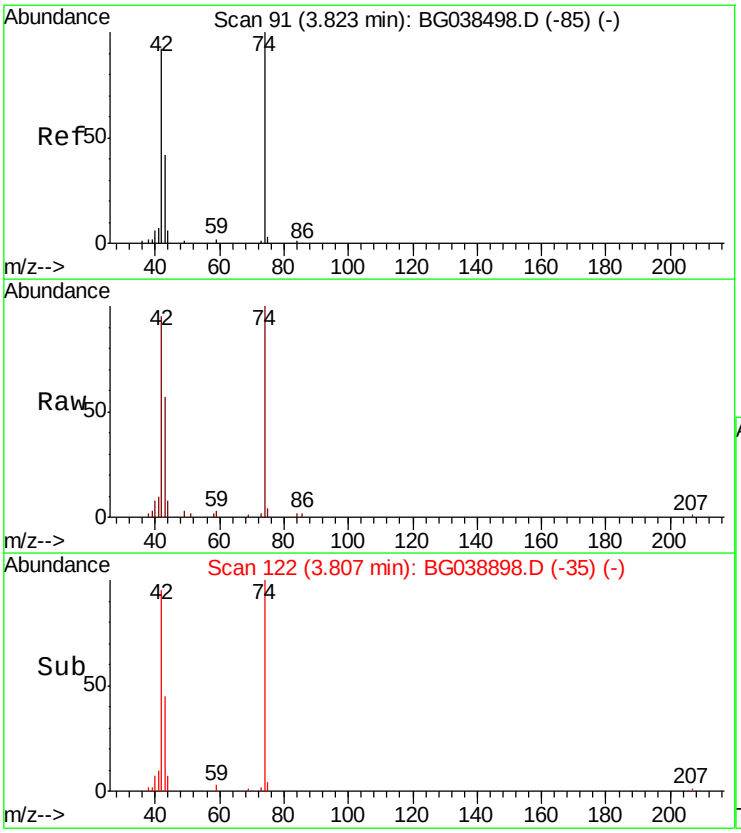

#3
Pyridine
Concen: 31.677 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 79 Resp: 53435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 103.1 | 80.2 | 120.2 |
| 51 | 48.5 | 38.0 | 57.0 |

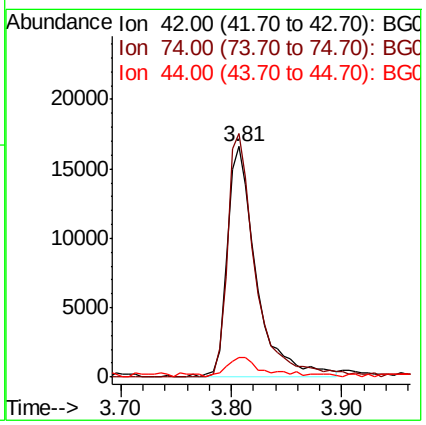


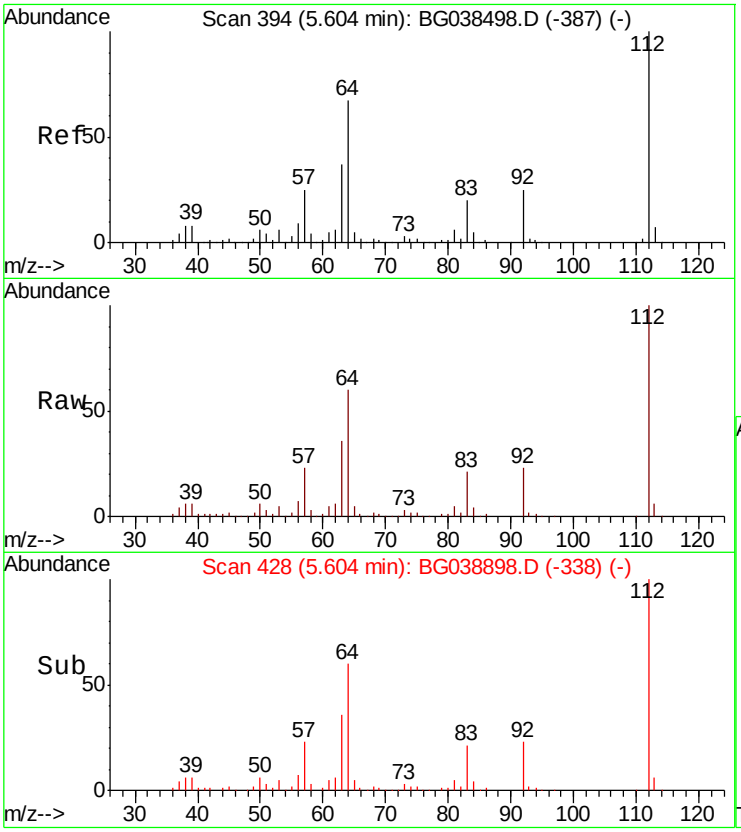




#4
n-Nitrosodimethylamine
Concen: 37.285 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 42 Resp: 30817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 105.6 | 86.7 | 130.1 |
| 44 | 8.7 | 7.8 | 11.8 |



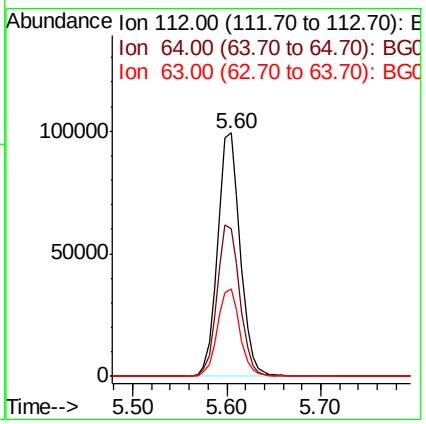


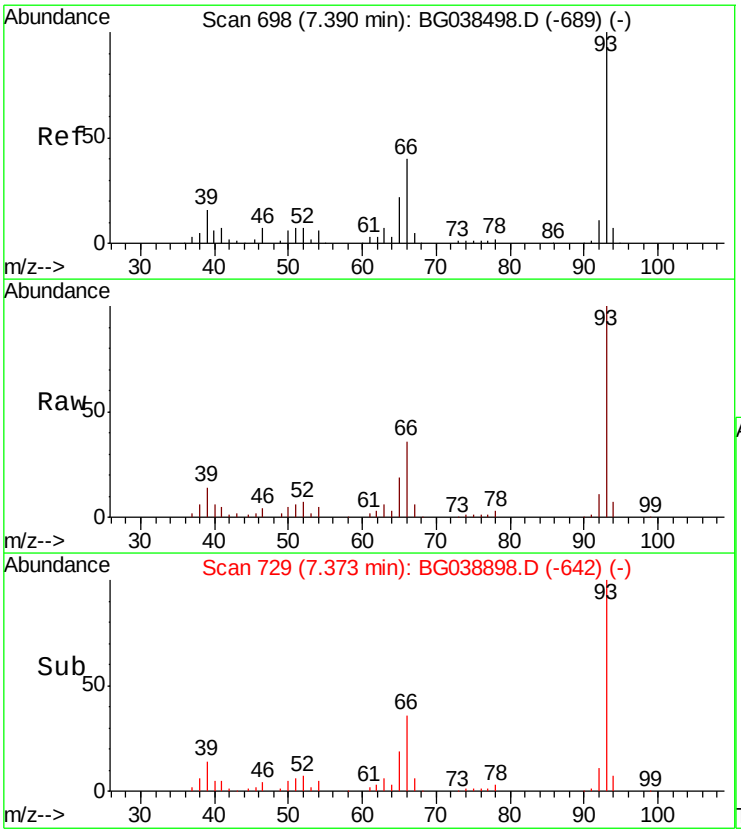

#5
2-Fluorophenol
Concen: 126.087 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:112 Resp: 165985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.4 | 53.4 | 80.2 |
| 63 | 35.8 | 29.3 | 43.9 |

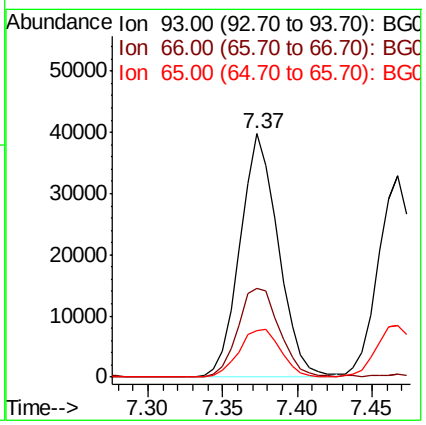


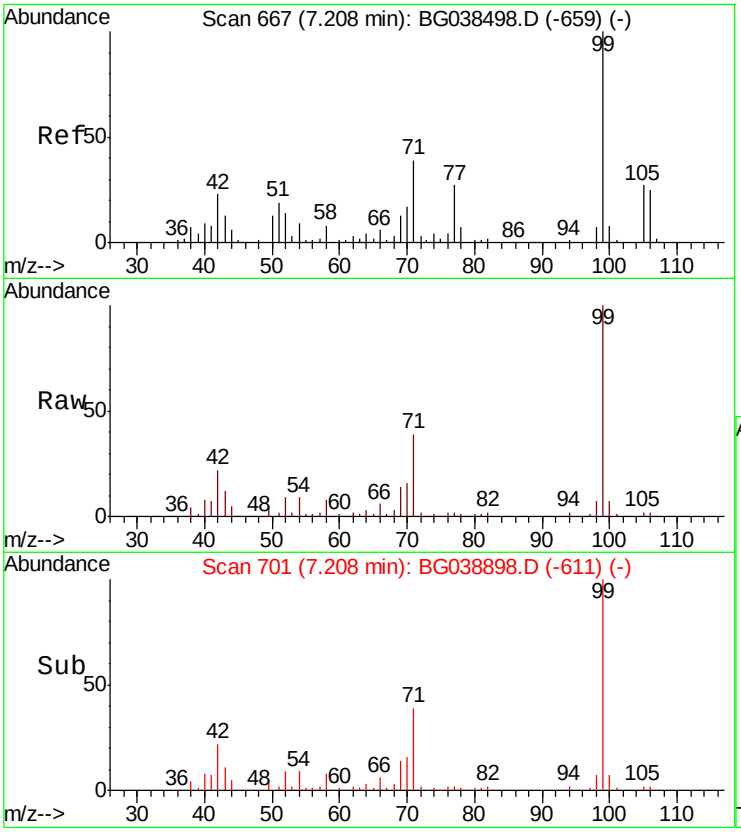




#6
Aniline
Concen: 30.579 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 93 Resp: 70546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.4 | 31.7 | 47.5 |
| 65 | 19.2 | 17.8 | 26.6 |



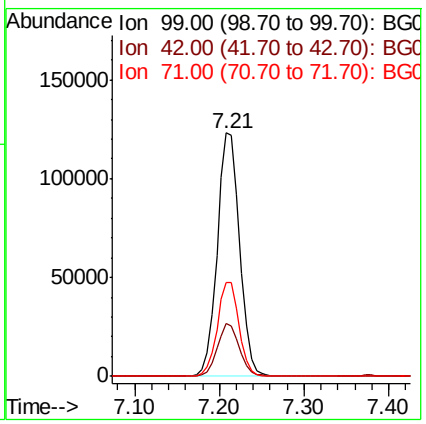


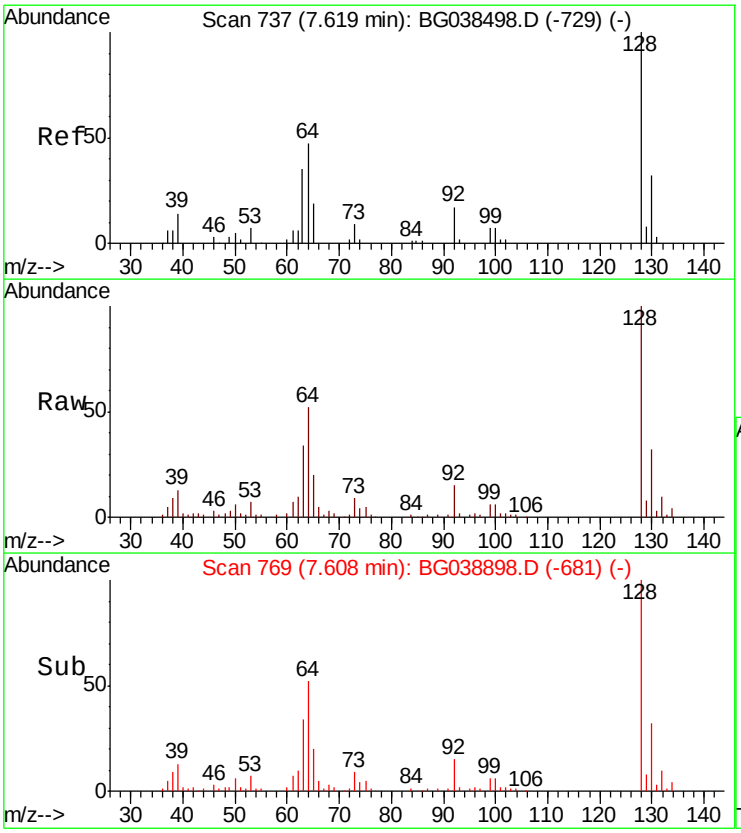

#7
Phenol-d6
Concen: 125.046 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 99 Resp: 225985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 18.5 | 27.7 |
| 71 | 38.7 | 31.1 | 46.7 |

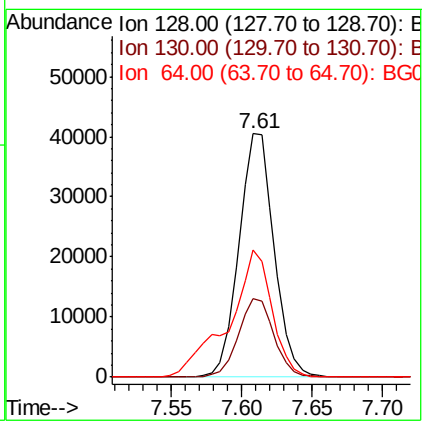


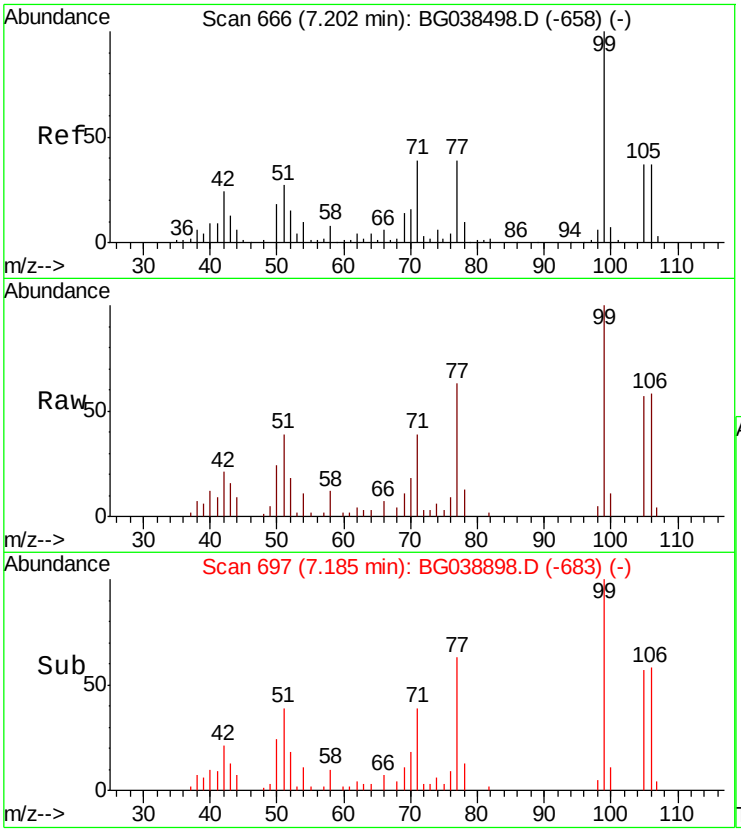




#8
2-Chlorophenol
Concen: 46.152 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:128 Resp: 70309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 11.8 | 51.8 |
| 64 | 52.3 | 33.2 | 73.2 |



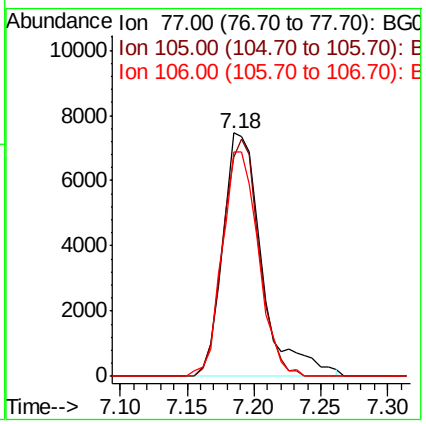


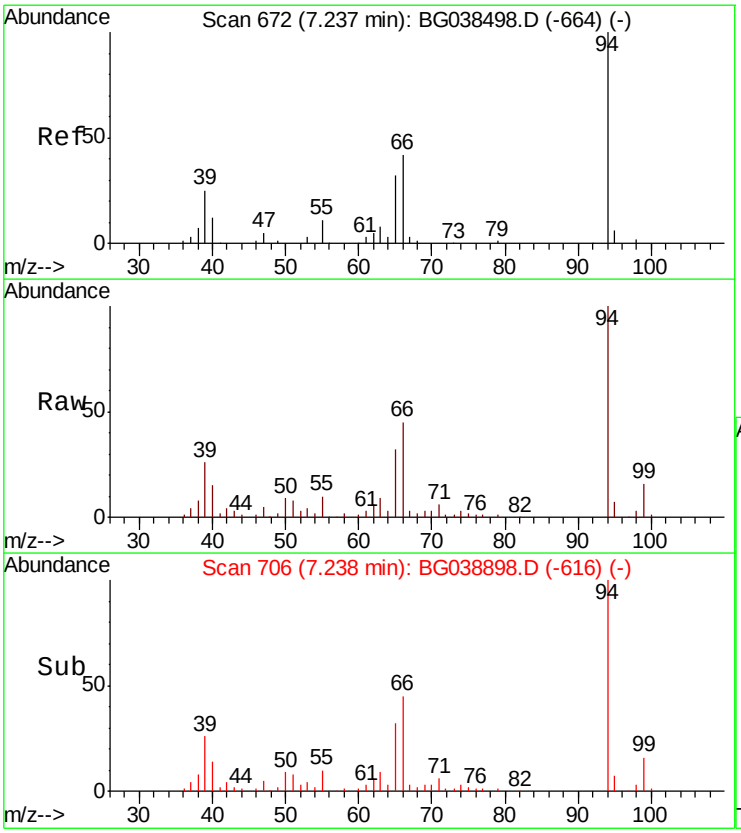

#9
Benzaldehyde
Concen: 13.021 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 77 Resp: 15265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 90.1 | 74.0 | 114.0 |
| 106 | 92.0 | 73.9 | 113.9 |

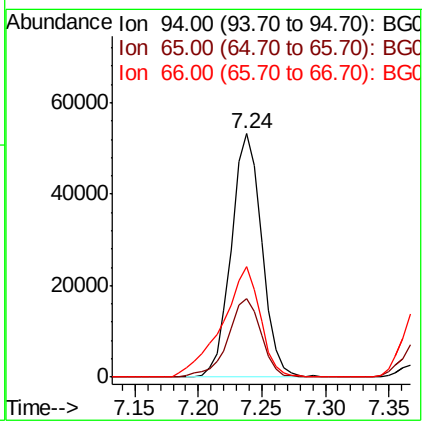


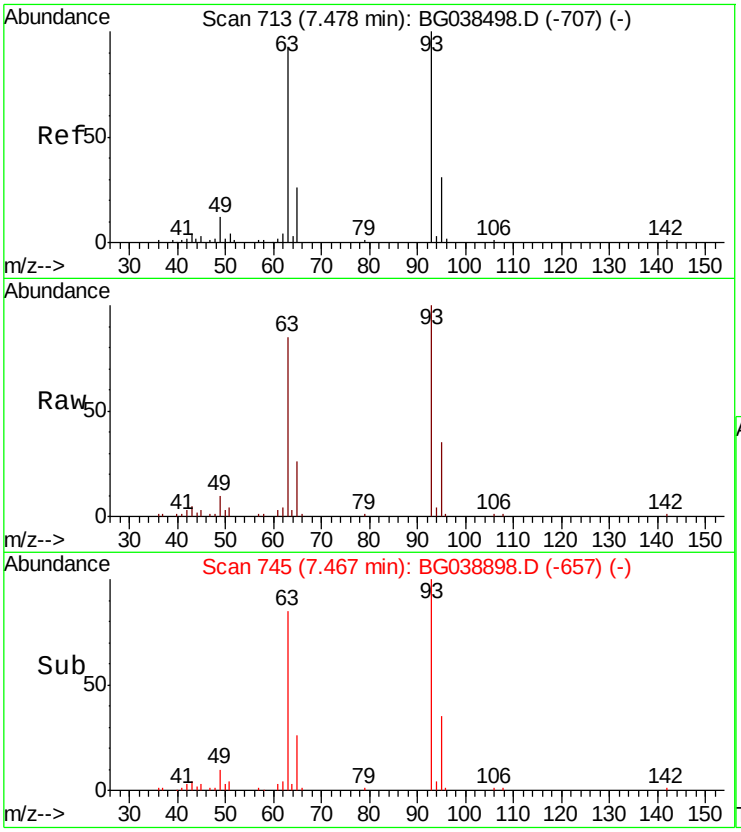




#10
Phenol
Concen: 46.024 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 94 Resp: 88366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.1 | 12.6 | 52.6 |
| 66 | 45.3 | 24.1 | 64.1 |



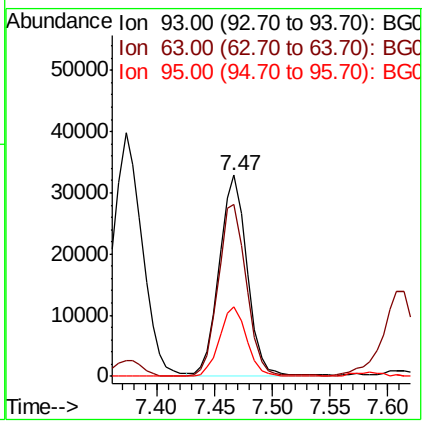


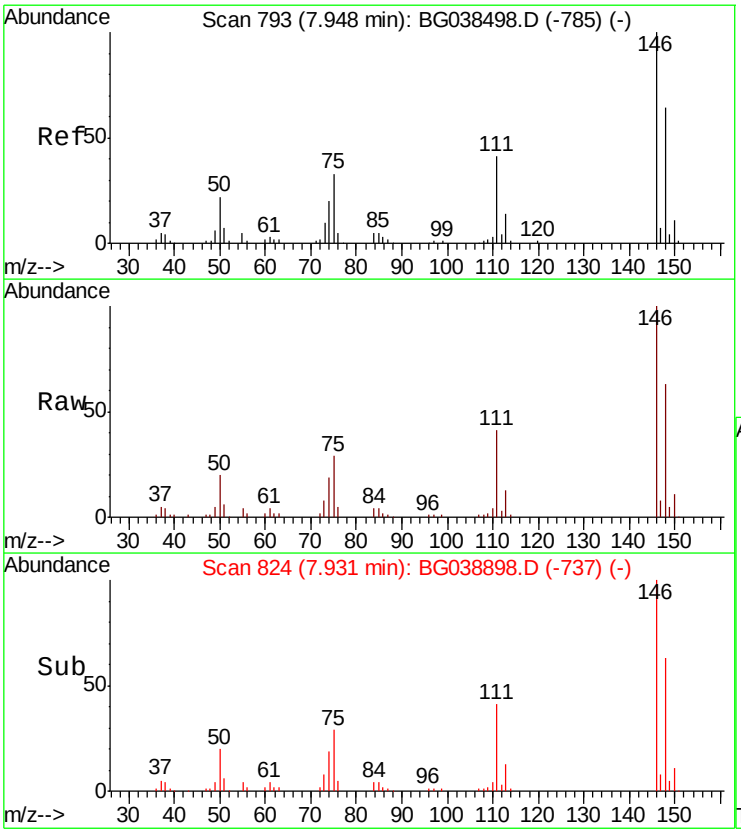

#11
bis(2-Chloroethyl)ether
Concen: 36.309 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 93 Resp: 55503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.5 | 72.2 | 112.2 |
| 95 | 34.8 | 11.2 | 51.2 |

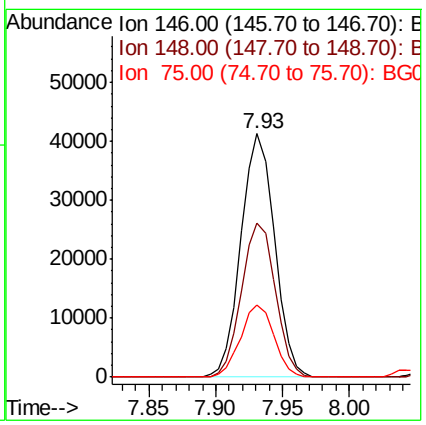


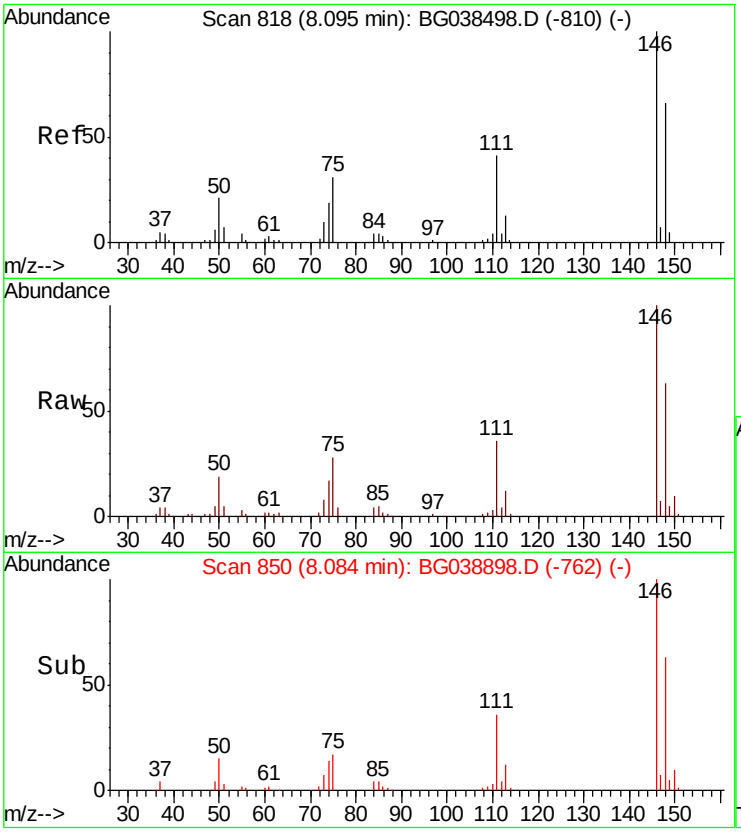




#12
1,3-Dichlorobenzene
Concen: 39.835 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:146 Resp: 71754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 51.4 | 77.0 |
| 75 | 29.4 | 26.1 | 39.1 |



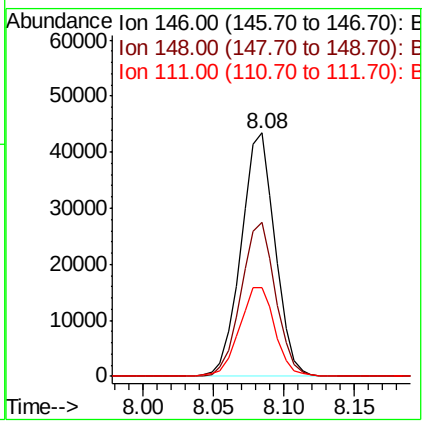


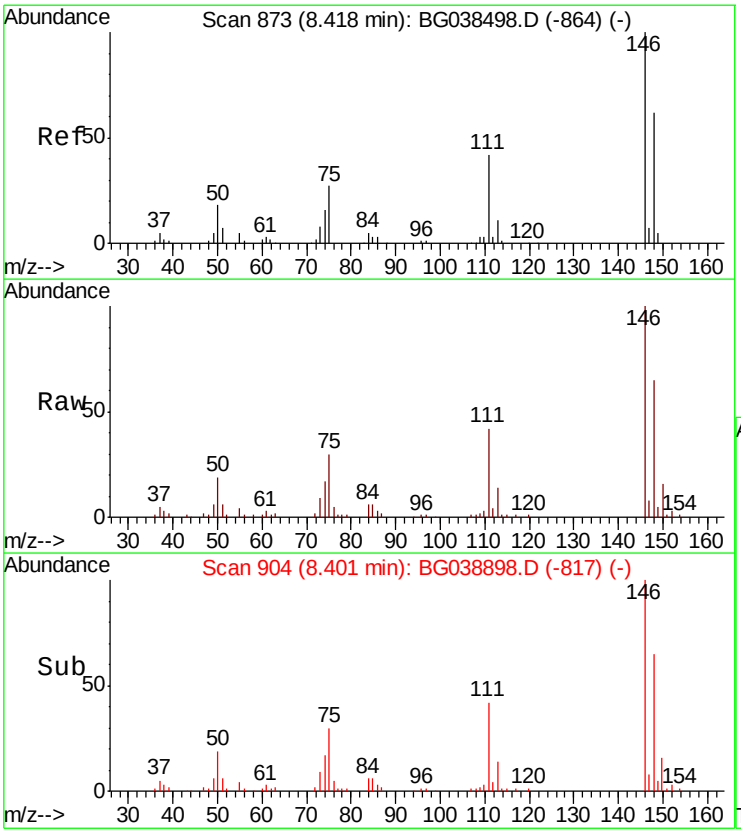

#13
1,4-Dichlorobenzene
Concen: 39.620 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:146 Resp: 73090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 52.4 | 78.6 |
| 111 | 36.2 | 33.0 | 49.4 |

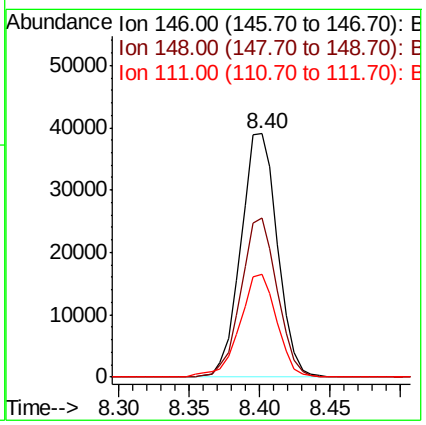


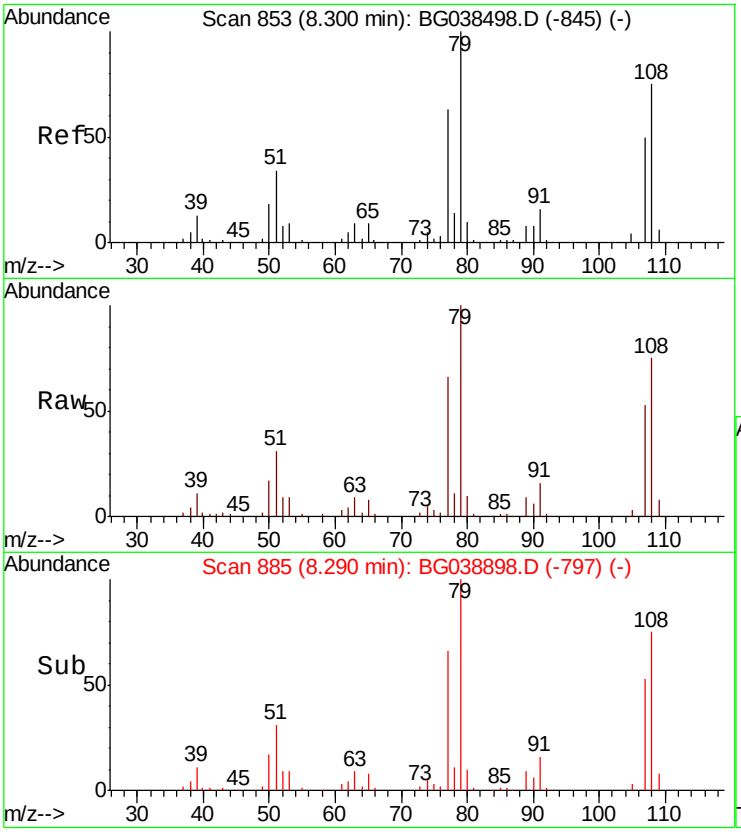




#14
1,2-Dichlorobenzene
Concen: 40.778 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:146 Resp: 70920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 49.4 | 74.0 |
| 111 | 42.0 | 33.8 | 50.6 |



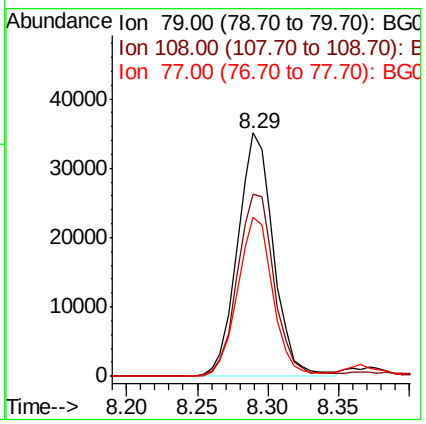


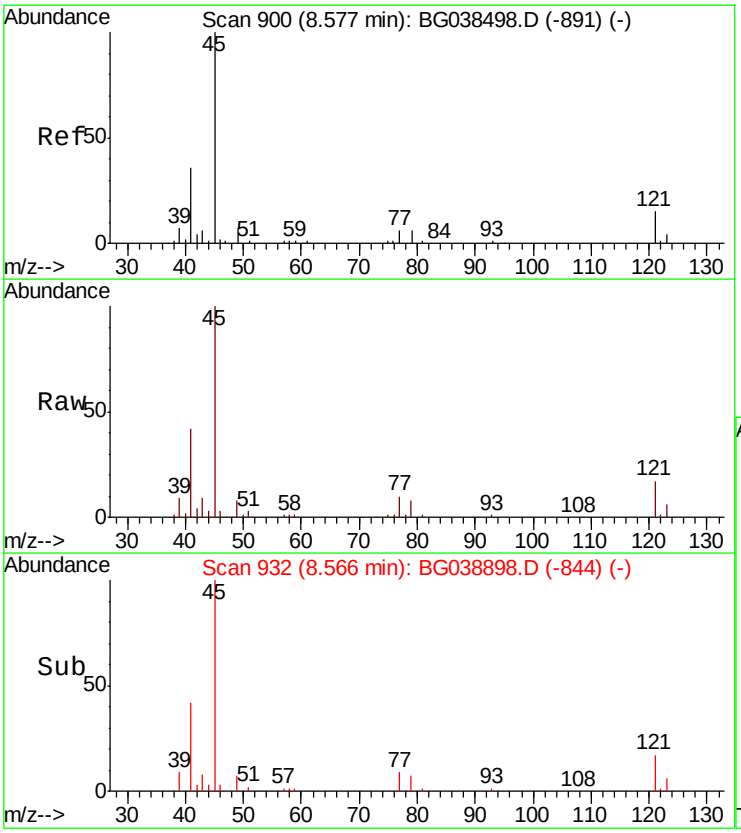

#15
Benzyl Alcohol
Concen: 44.175 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 79 Resp: 62313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 74.7 | 60.2 | 90.4 |
| 77 | 65.6 | 50.7 | 76.1 |

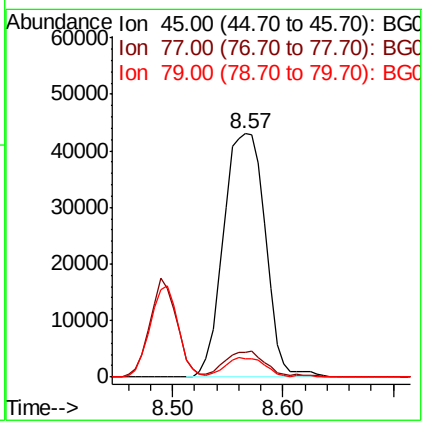


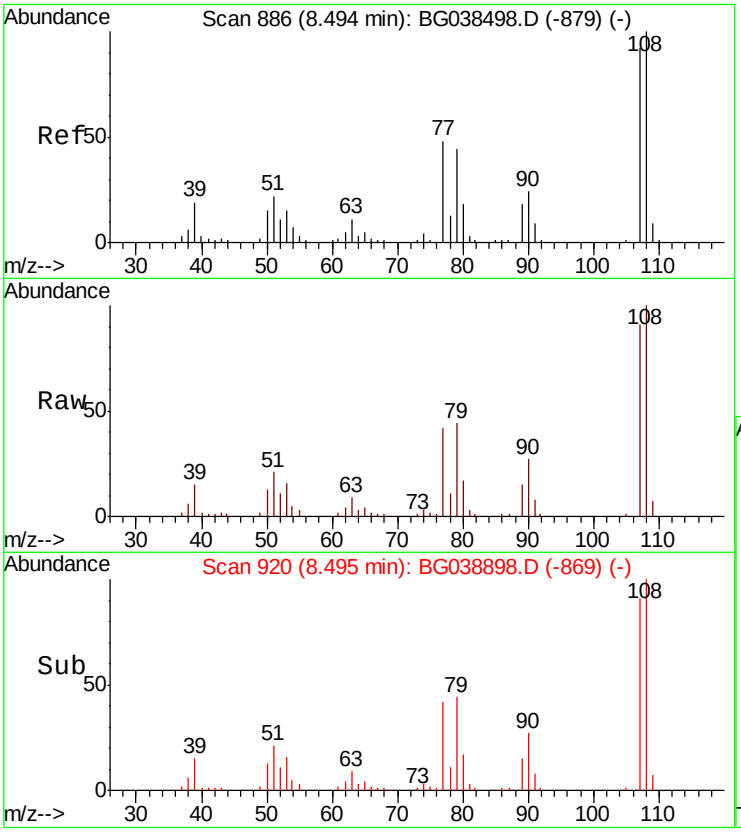




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.623 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 45 Resp: 114236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.0 | 0.0 | 28.2 |
| 79 | 7.7 | 0.0 | 27.2 |



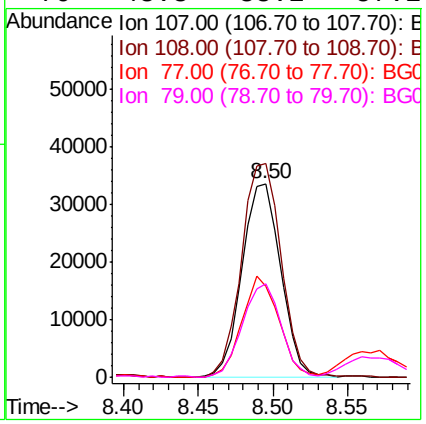


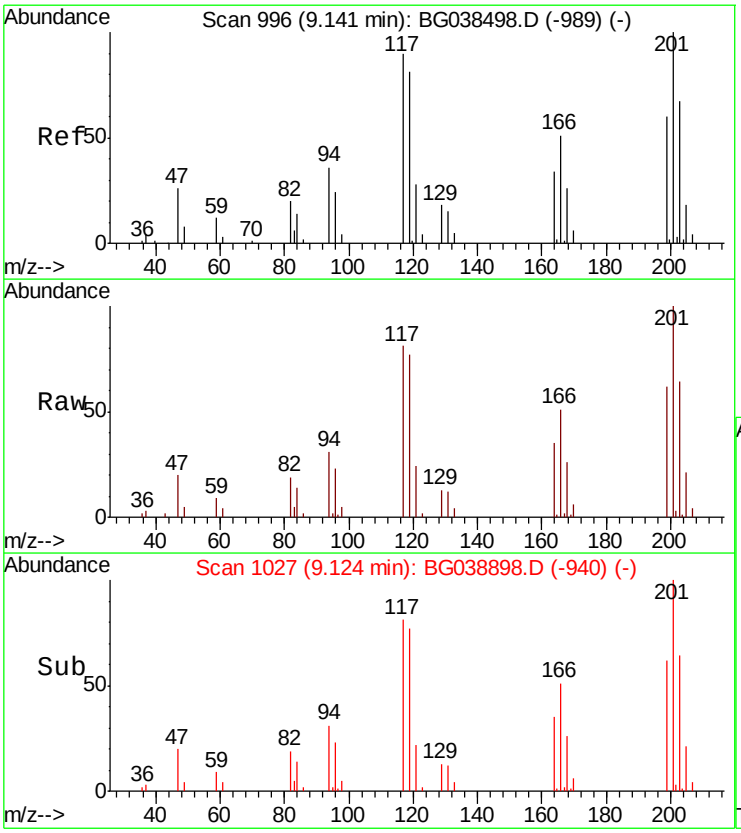

#17
2-Methylphenol
Concen: 46.994 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:107 Resp: 60451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.5 | 87.1 | 130.7 |
| 77 | 46.8 | 42.0 | 63.0 |
| 79 | 48.3 | 38.2 | 57.2 |

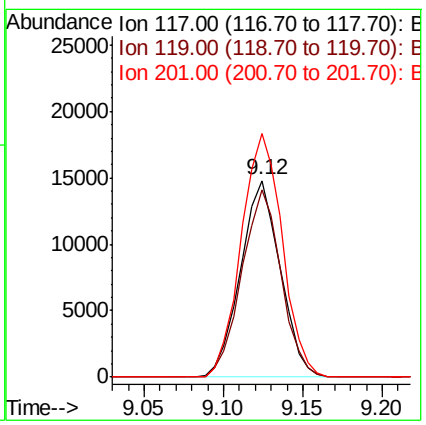


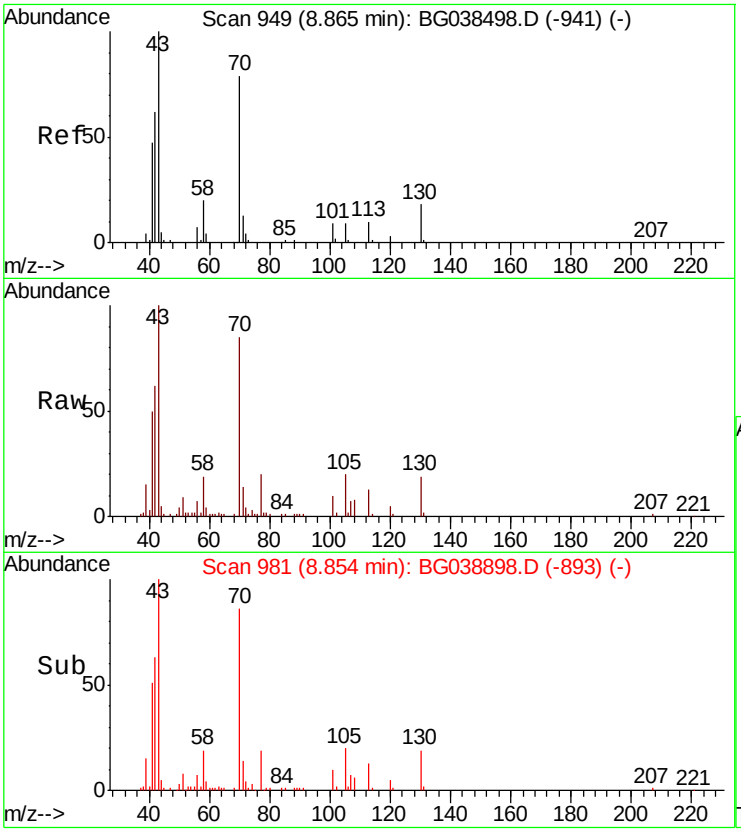




#18
Hexachloroethane
Concen: 38.267 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:117 Resp: 25796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 73.8 | 110.8 |
| 201 | 127.9 | 89.4 | 134.0 |



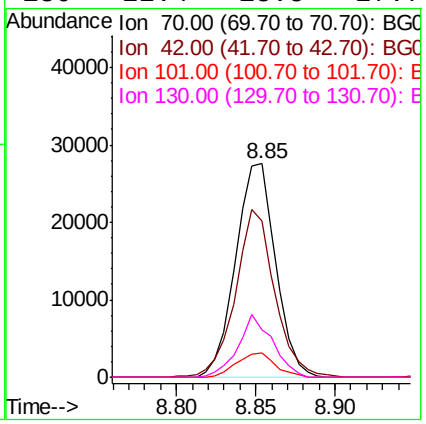


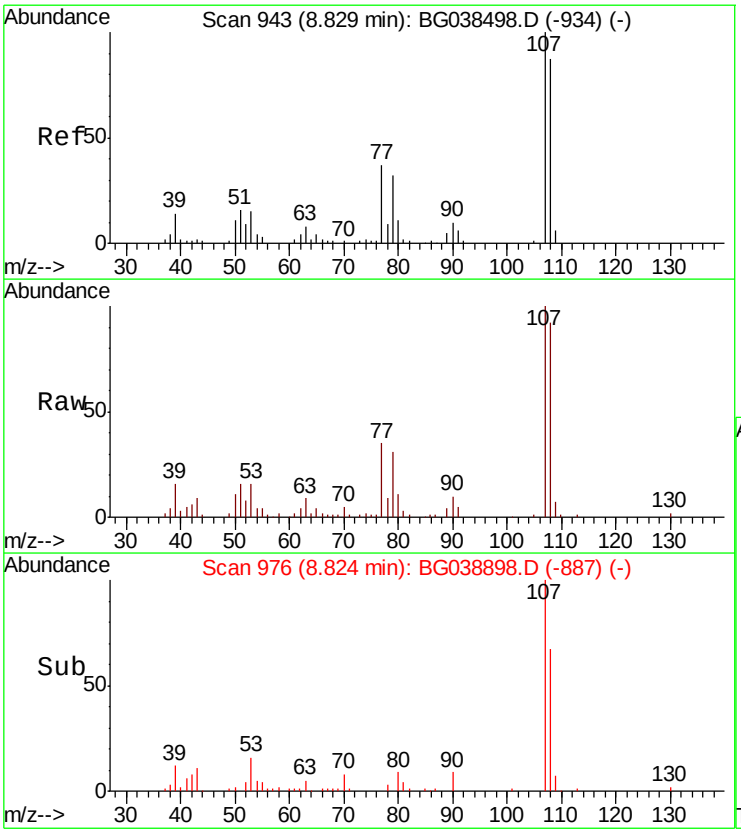

#19
n-Nitroso-di-n-propylamine
Concen: 38.075 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 70 Resp: 48328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 73.1 | 63.6 | 95.4 |
| 101 | 11.6 | 9.2 | 13.8 |
| 130 | 22.4 | 18.5 | 27.7 |

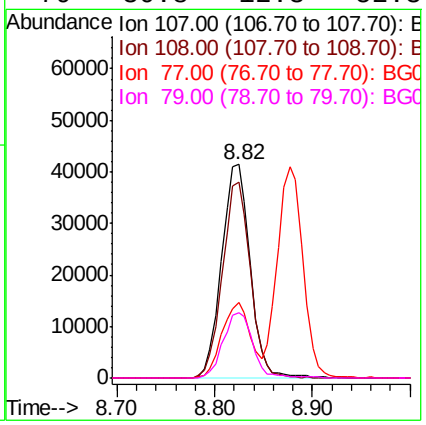


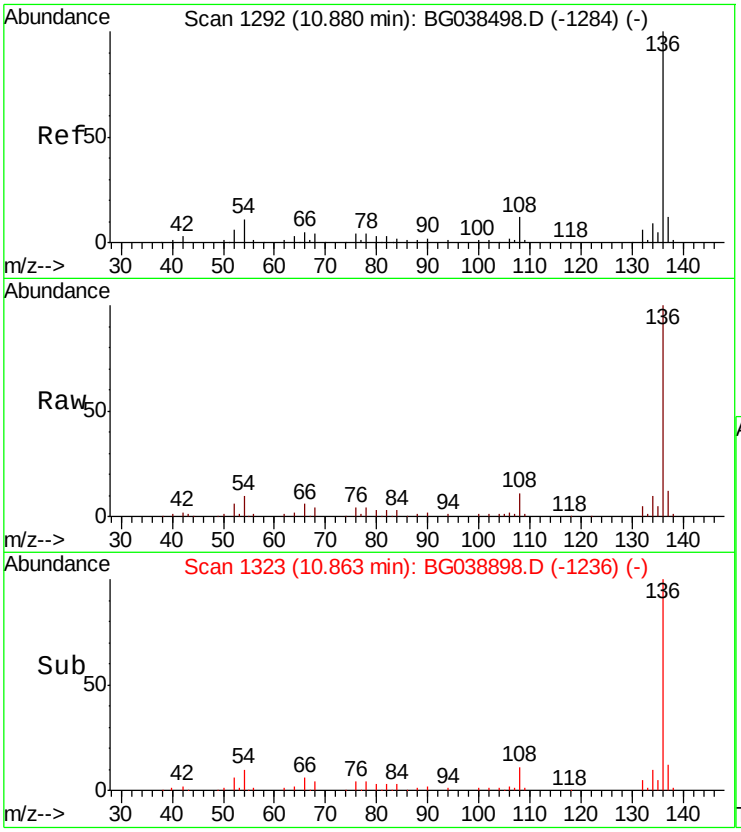




#20
3+4-Methylphenols
Concen: 47.235 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:107 Resp: 83915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.5 | 66.7 | 106.7 |
| 77 | 35.3 | 17.3 | 57.3 |
| 79 | 30.8 | 12.3 | 52.3 |



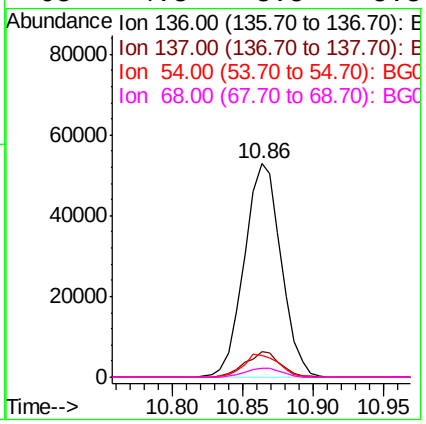


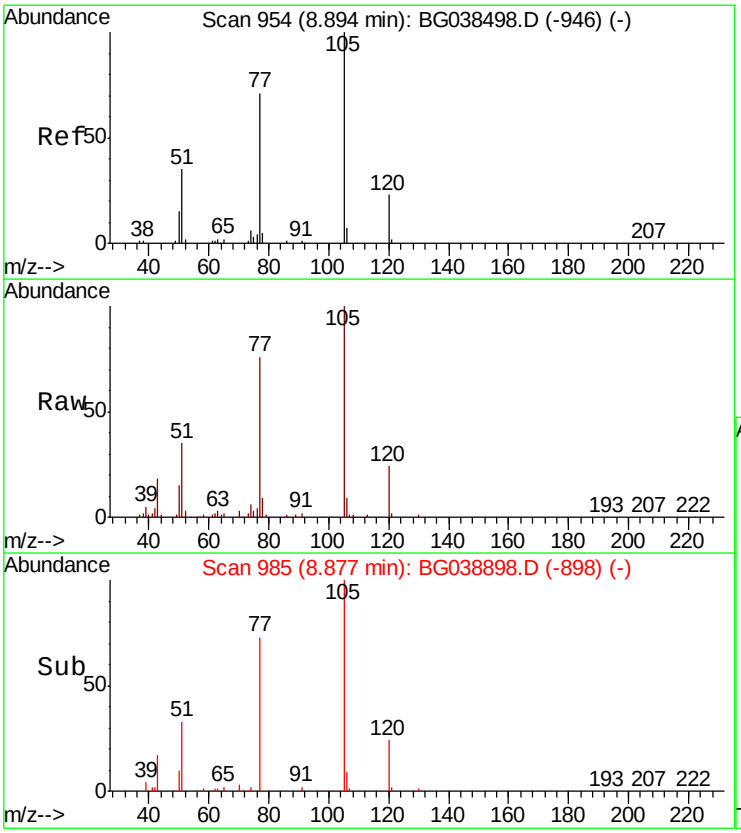

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:136 Resp: 97093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.3 | 13.9 |
| 54 | 10.3 | 8.5 | 12.7 |
| 68 | 4.3 | 3.5 | 5.3 |

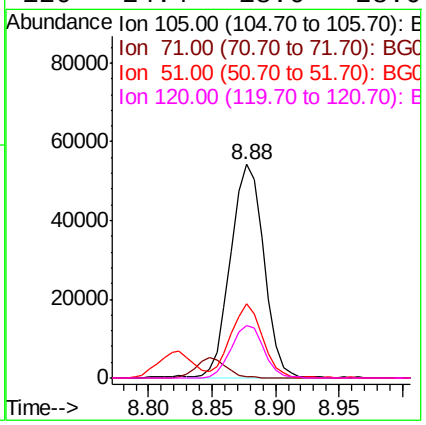


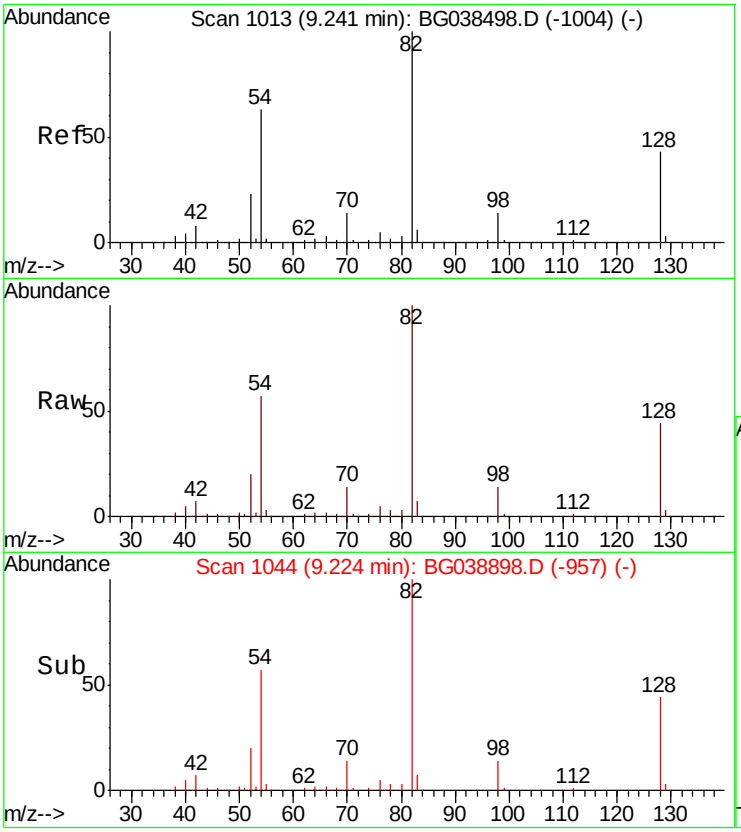




#22
Acetophenone
Concen: 40.799 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:105 Resp: 98945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.5 | 0.4 | 0.6 |
| 51 | 34.8 | 30.6 | 46.0 |
| 120 | 24.4 | 18.6 | 28.0 |



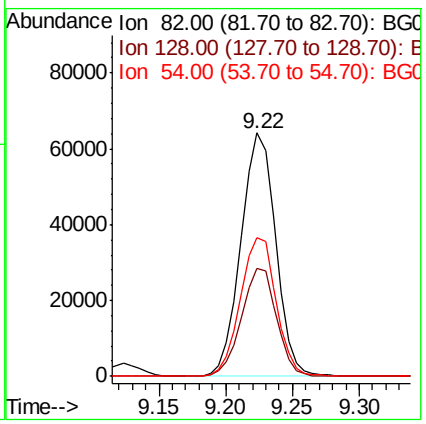


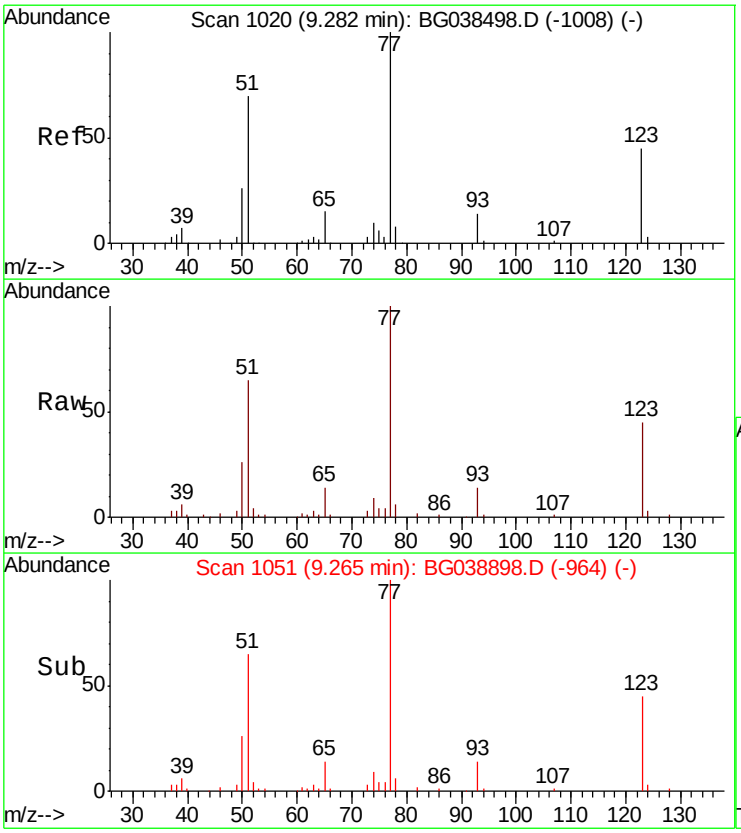

#23
Nitrobenzene-d5
Concen: 60.715 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 82 Resp: 115392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.2 | 34.6 | 52.0 |
| 54 | 56.8 | 50.6 | 76.0 |

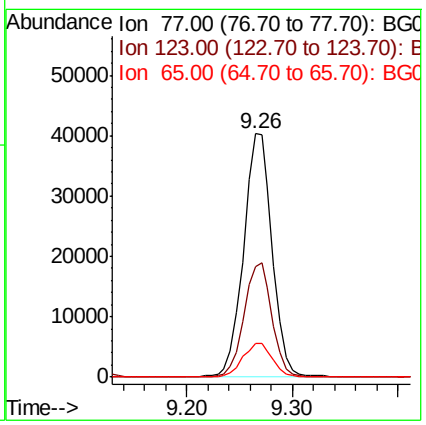


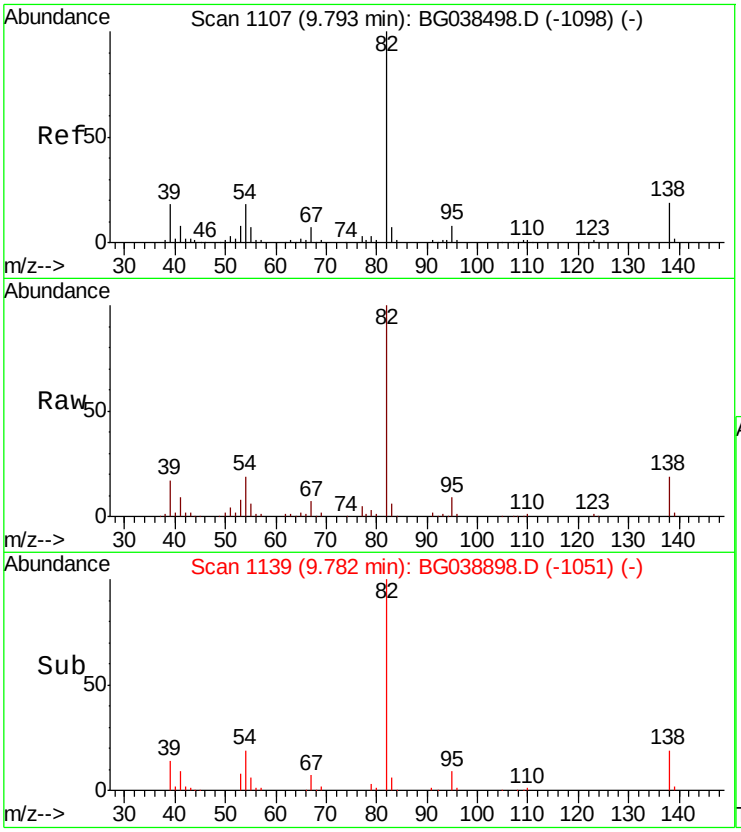




#24
Nitrobenzene
Concen: 39.306 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 77 Resp: 75571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.3 | 35.9 | 53.9 |
| 65 | 13.7 | 12.0 | 18.0 |



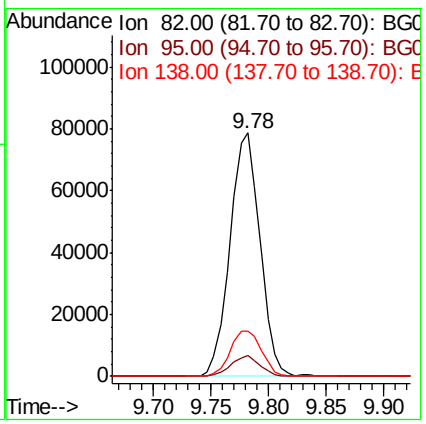


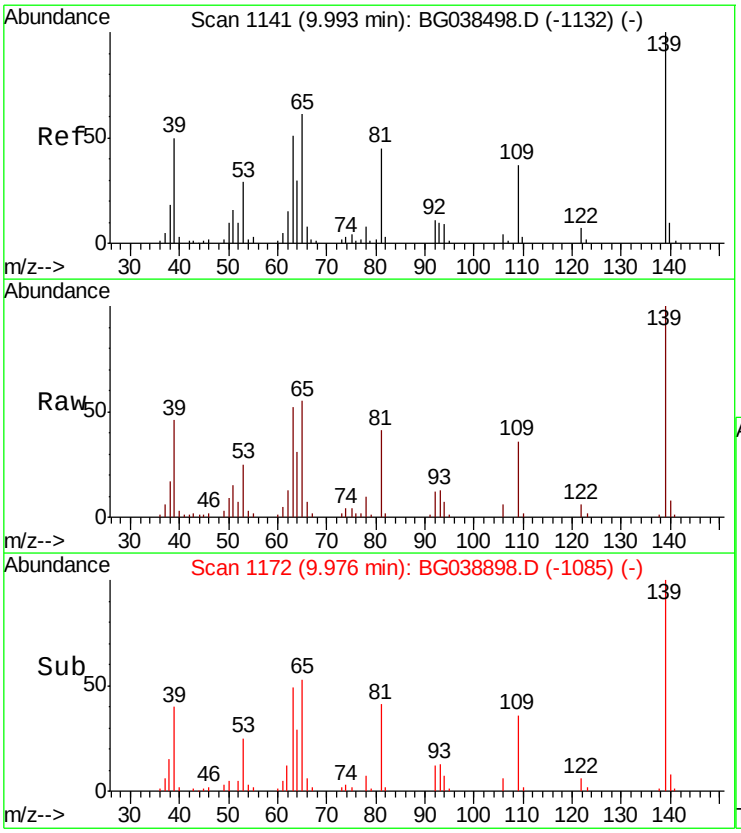

#25
Isophorone
Concen: 41.488 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion: 82 Resp: 141670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.8 | 6.1 | 9.1 |
| 138 | 18.7 | 14.9 | 22.3 |

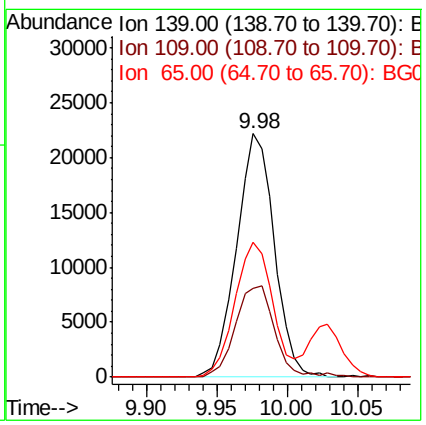


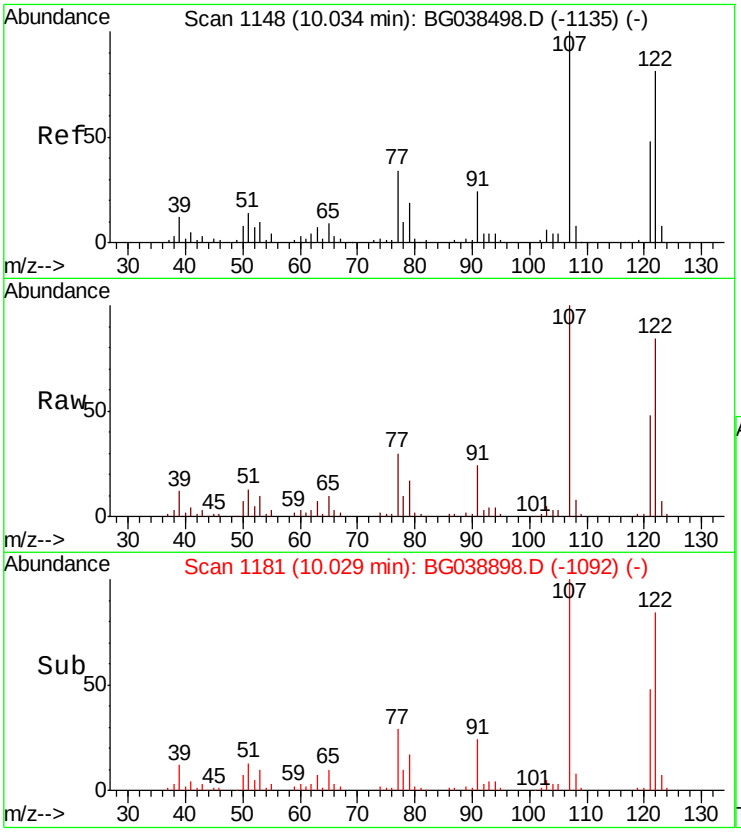




#26
2-Nitrophenol
Concen: 42.122 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:139 Resp: 41450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 36.2 | 29.5 | 44.3 |
| 65 | 55.4 | 48.5 | 72.7 |



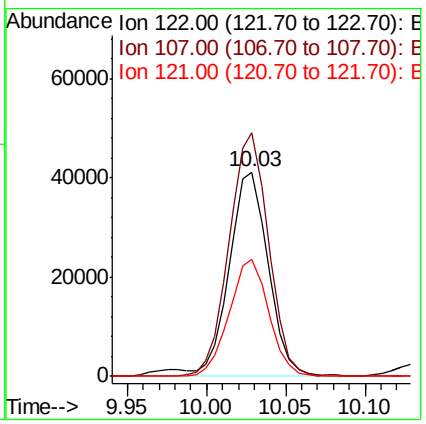


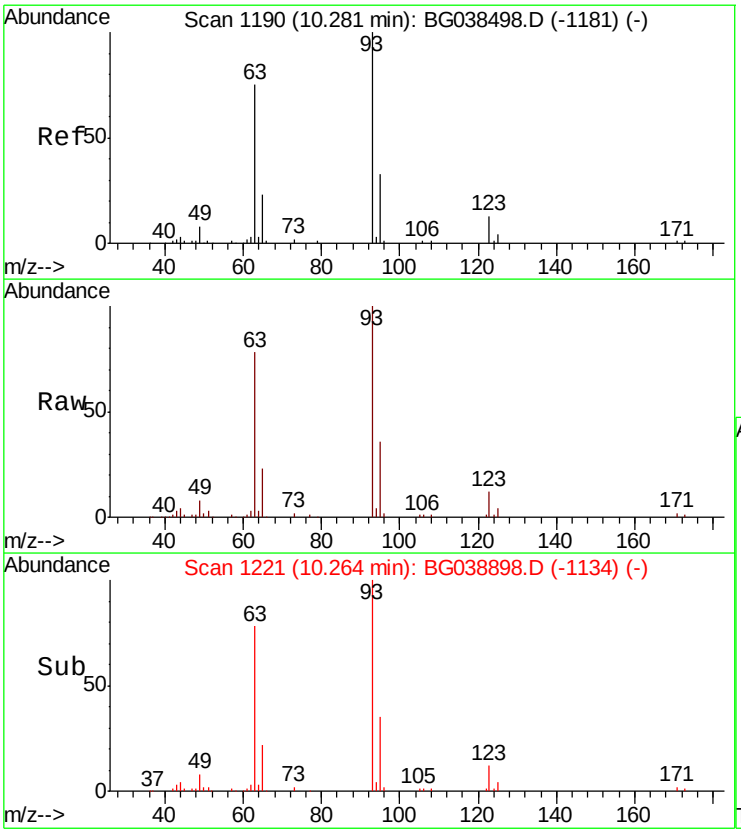

#27
2,4-Dimethylphenol
Concen: 49.658 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:122 Resp: 70032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.3 | 98.4 | 147.6 |
| 121 | 57.2 | 47.2 | 70.8 |

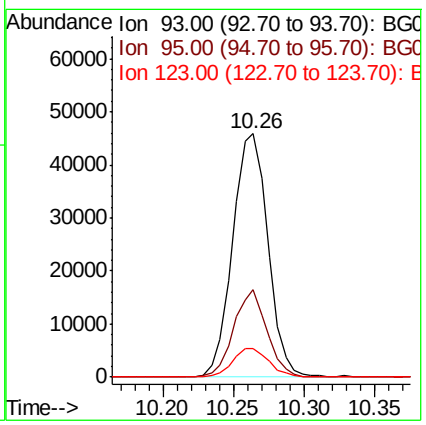


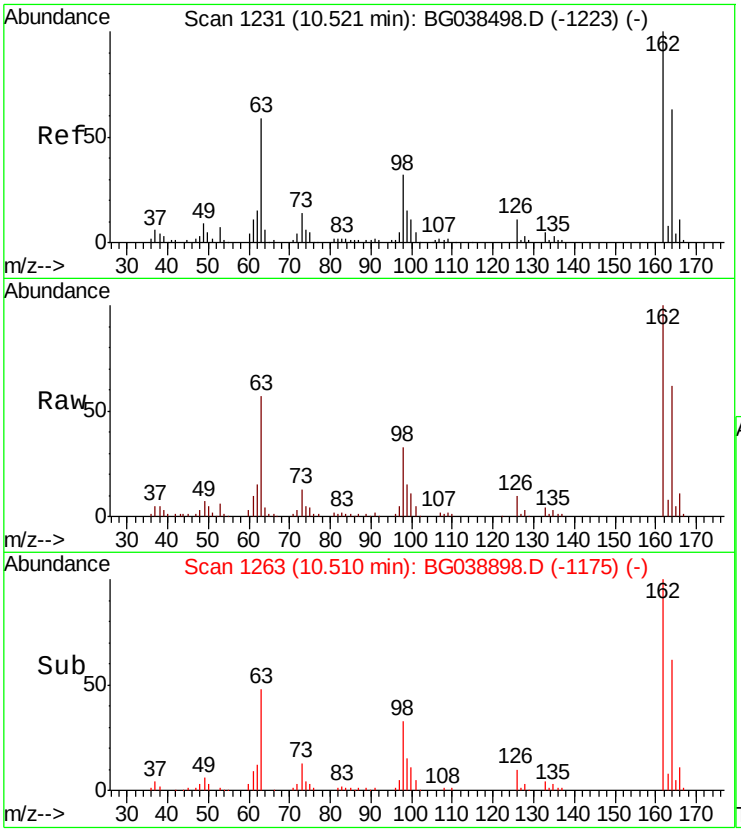




#28
bis(2-Chloroethoxy)methane
Concen: 41.552 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 93 Resp: 80073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 36.0 | 26.6 | 40.0 |
| 123 | 11.9 | 10.6 | 16.0 |



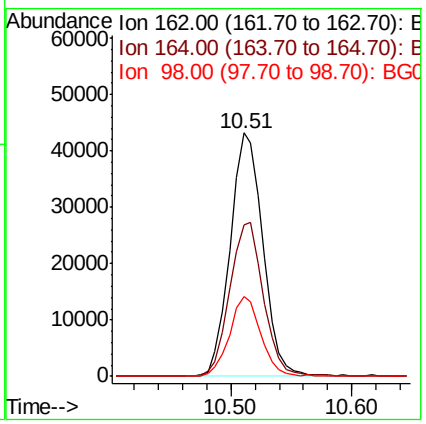


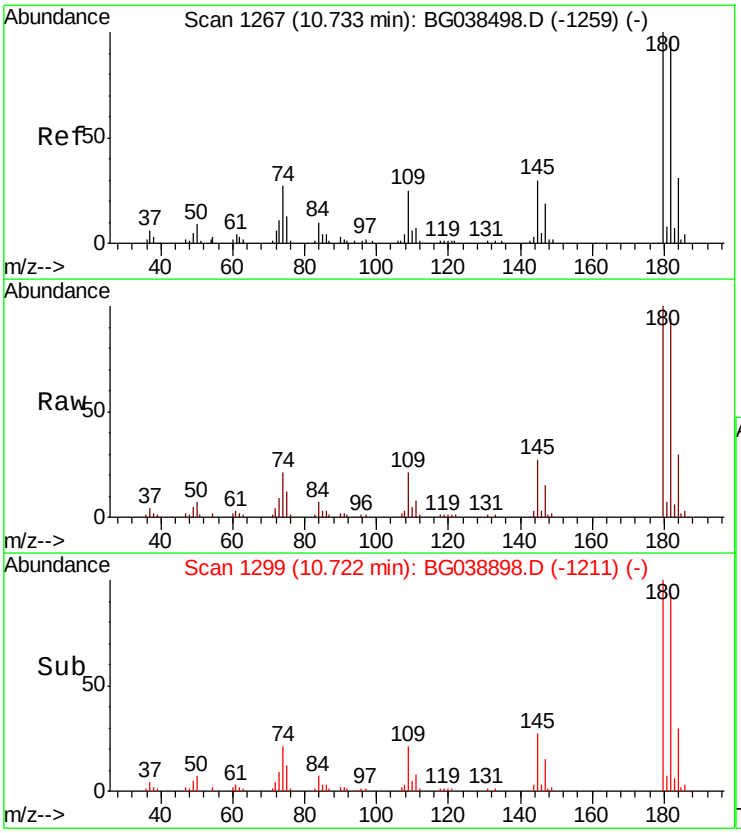

#29
2,4-Dichlorophenol
Concen: 51.892 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:162 Resp: 81415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.1 | 42.9 | 82.9 |
| 98 | 32.7 | 12.1 | 52.1 |

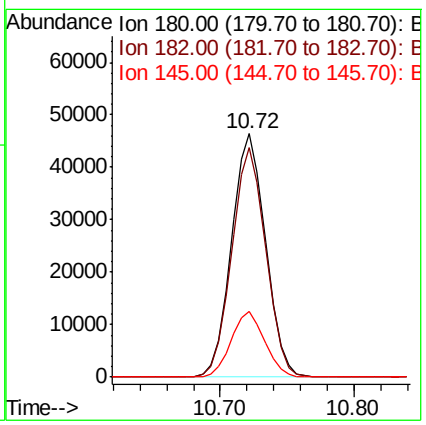


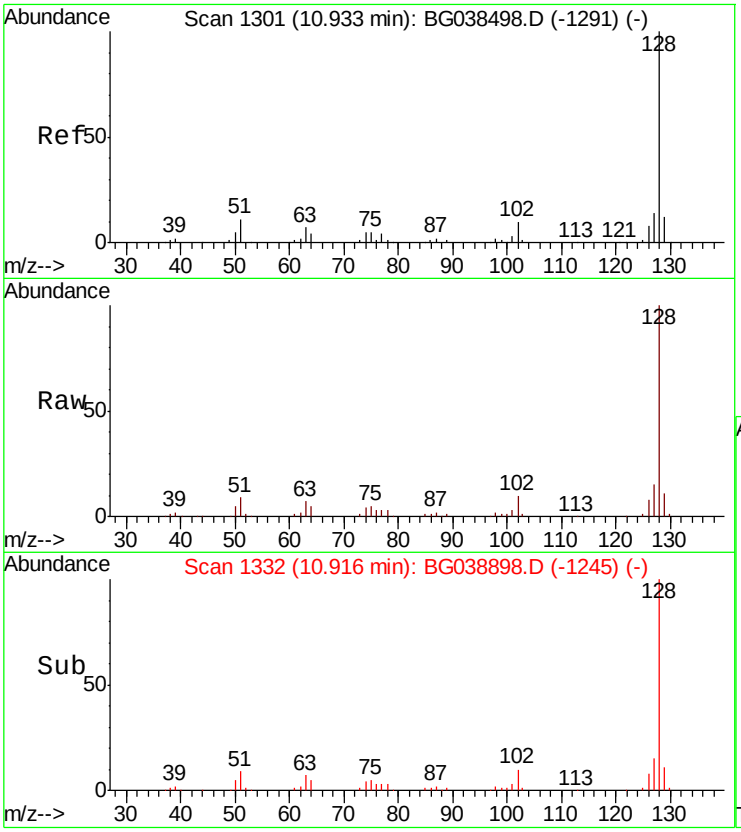




#30
1,2,4-Trichlorobenzene
Concen: 43.238 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:180 Resp: 81941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 77.4 | 116.0 |
| 145 | 27.2 | 24.1 | 36.1 |



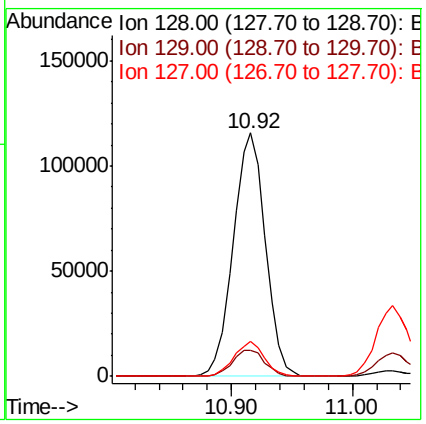


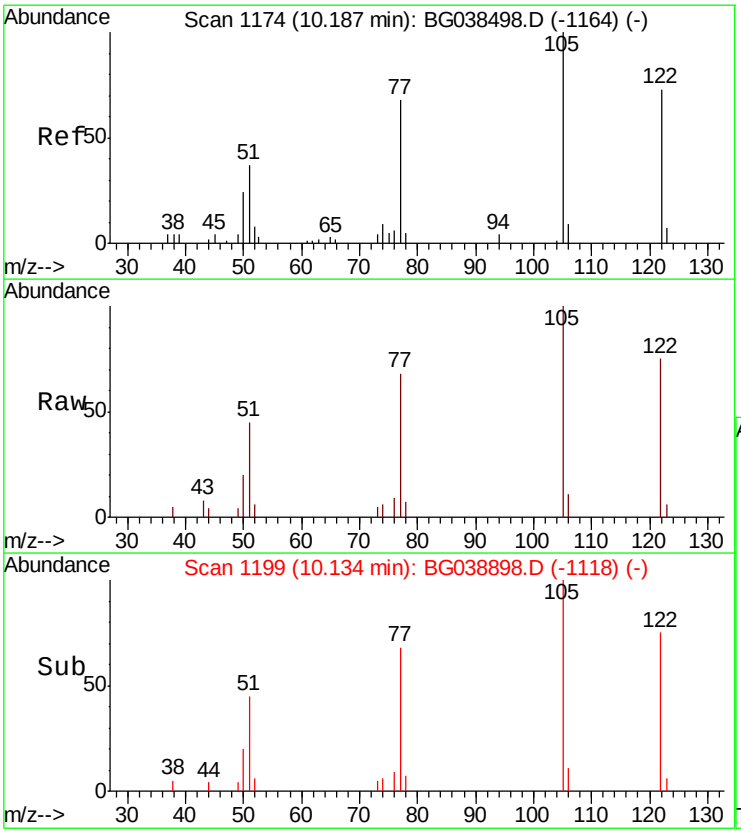

#31
Naphthalene
Concen: 44.711 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:128 Resp: 213889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 9.5 | 14.3 |
| 127 | 14.6 | 10.9 | 16.3 |

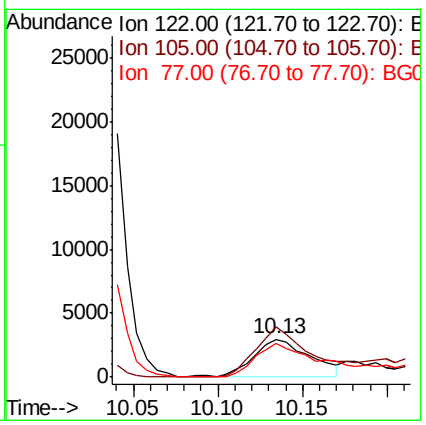


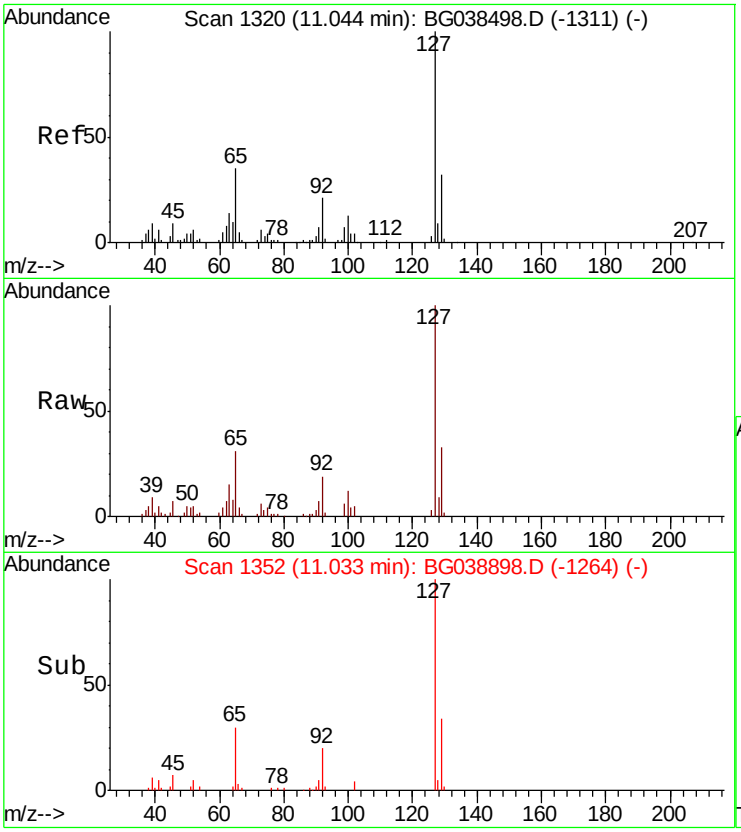




#32
Benzoic acid
Concen: 16.300 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:122 Resp: 6973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 133.7 | 116.7 | 156.7 |
| 77 | 91.1 | 72.5 | 112.5 |



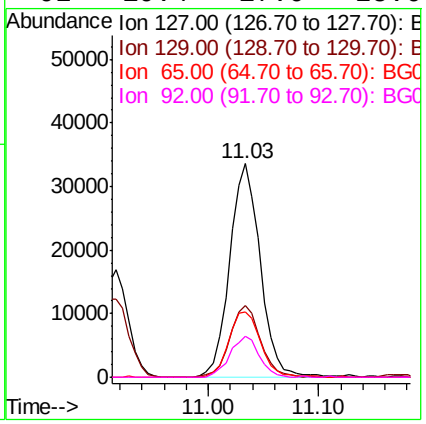


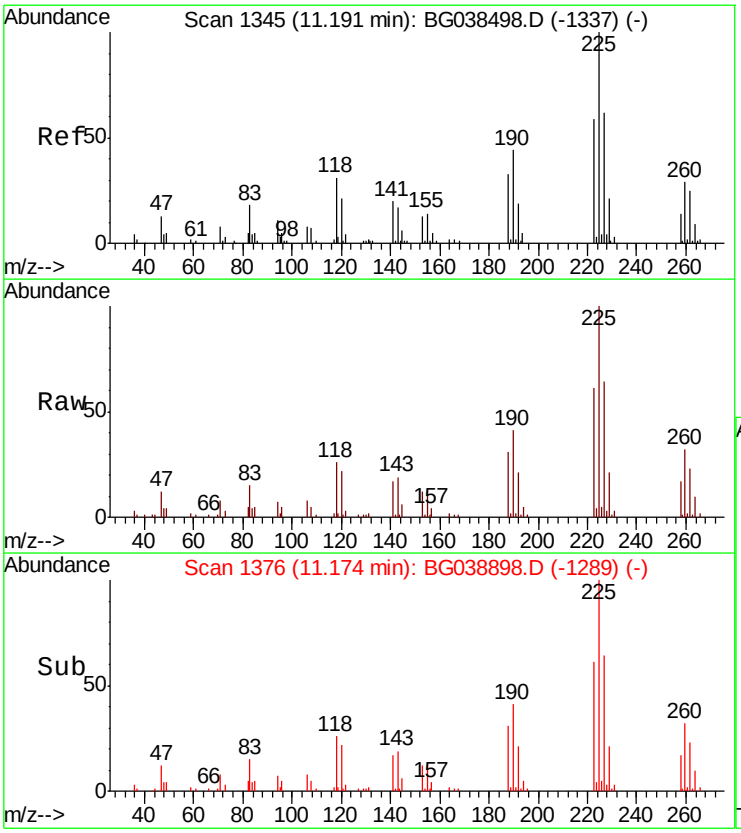

#33
4-Chloroaniline
Concen: 31.453 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:127 Resp: 65325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.5 | 25.8 | 38.8 |
| 65 | 30.9 | 27.8 | 41.6 |
| 92 | 19.4 | 17.0 | 25.6 |

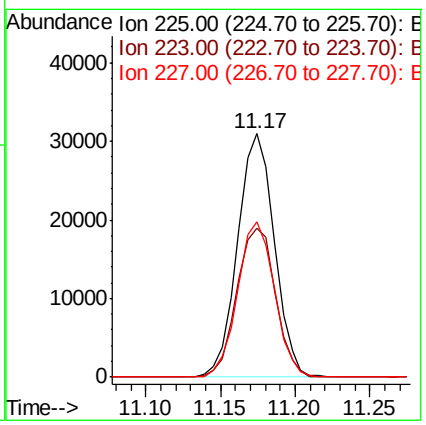


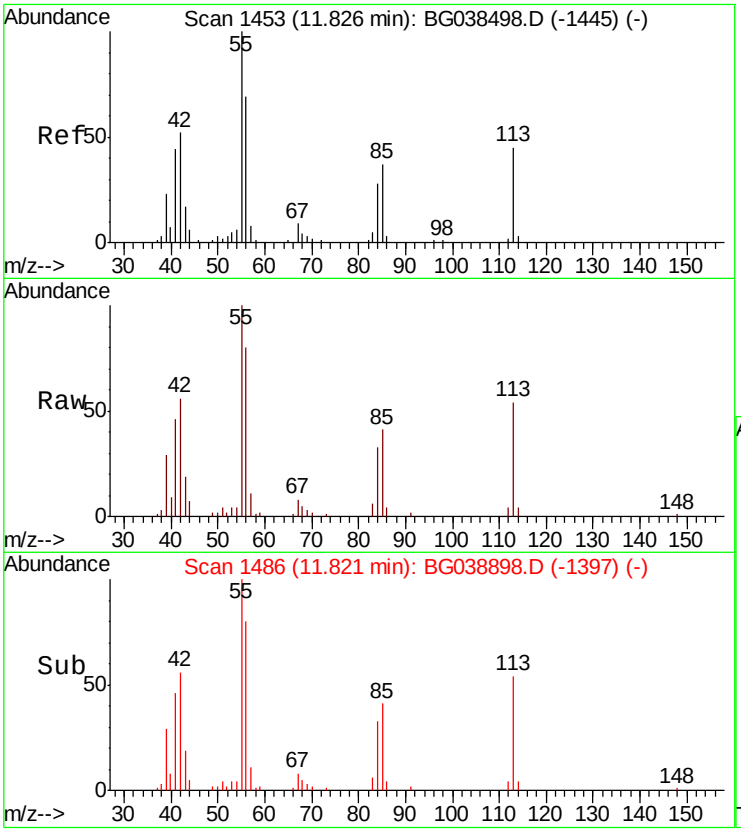




#34
Hexachlorobutadiene
Concen: 41.098 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:225 Resp: 52701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.1 | 45.0 | 67.6 |
| 227 | 66.5 | 50.6 | 75.8 |



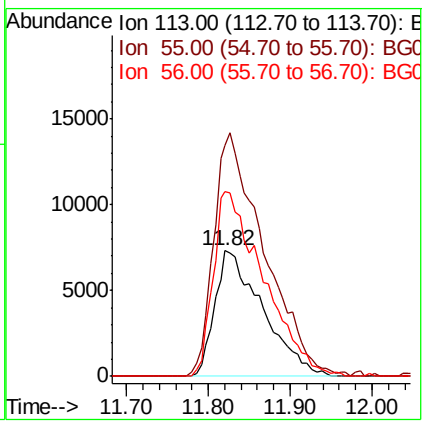


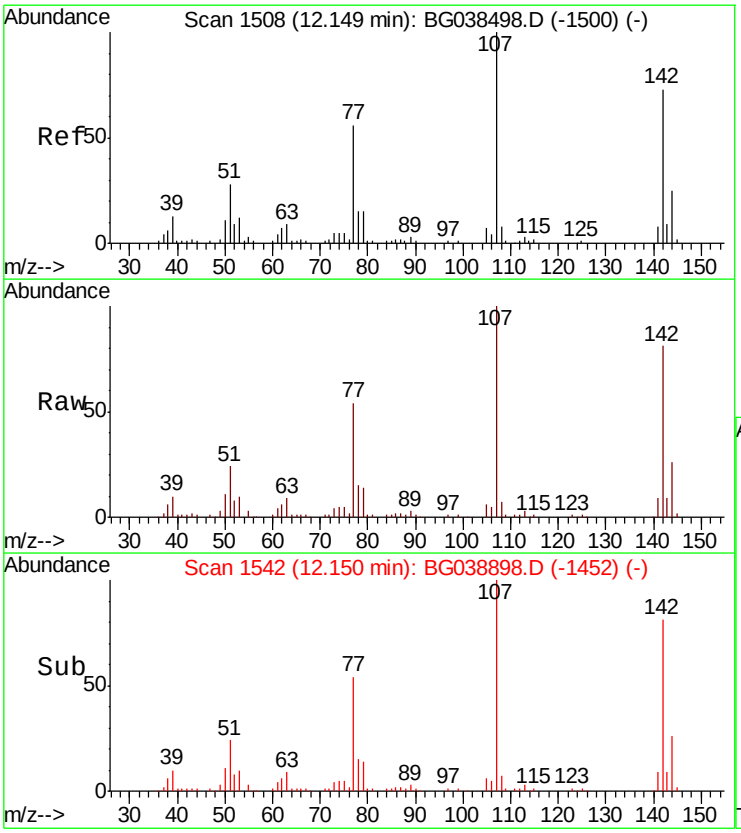

#35
Caprolactam
Concen: 45.904 ng
RT: 11.82 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:113 Resp: 29805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 184.1 | 204.3 | 244.3# |
| 56 | 147.7 | 135.0 | 175.0 |

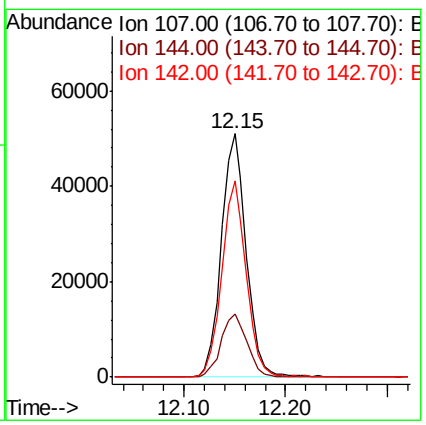


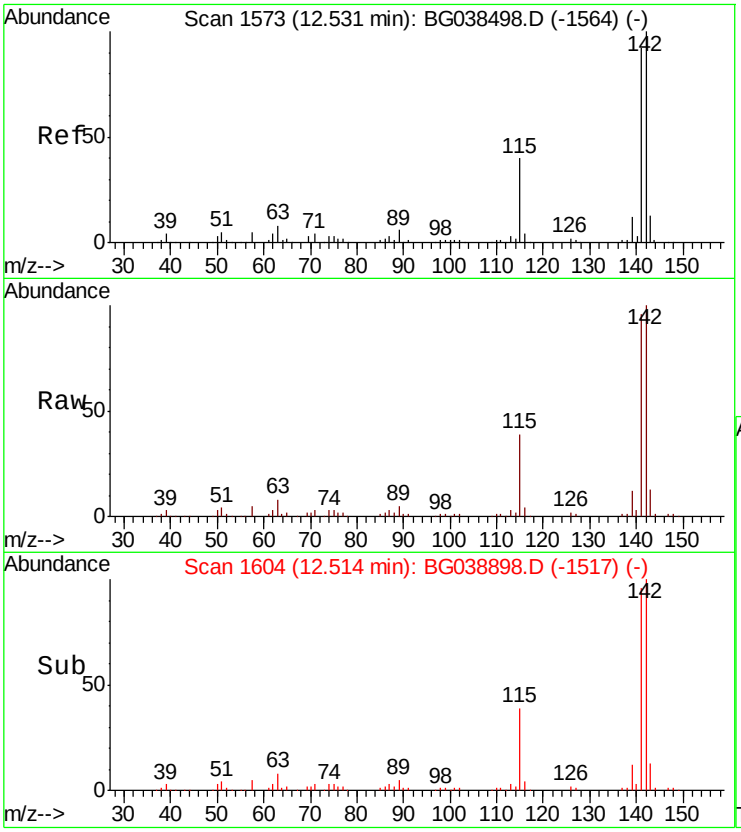




#36
4-Chloro-3-methylphenol
Concen: 48.145 ng
RT: 12.15 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:107 Resp: 86200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.9 | 20.1 | 30.1 |
| 142 | 80.7 | 58.7 | 88.1 |



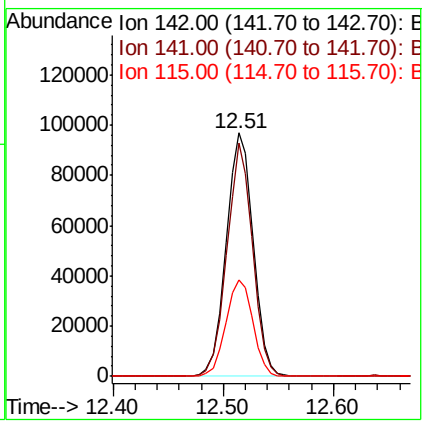


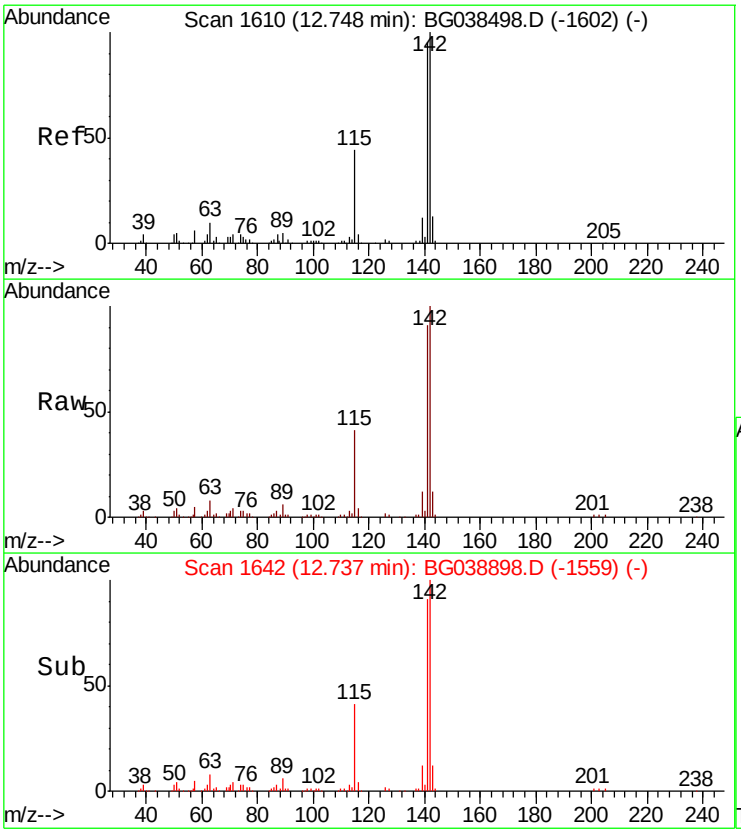

#37
2-Methylnaphthalene
Concen: 48.515 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:142 Resp: 165575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.6 | 73.5 | 110.3 |
| 115 | 39.5 | 31.7 | 47.5 |

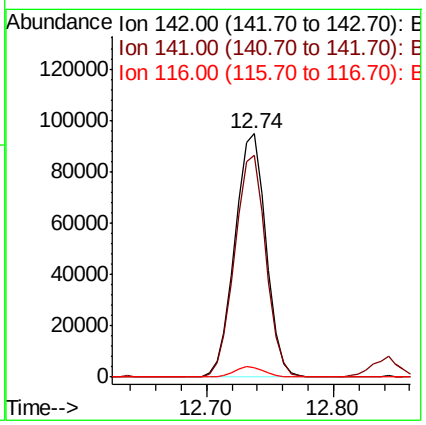


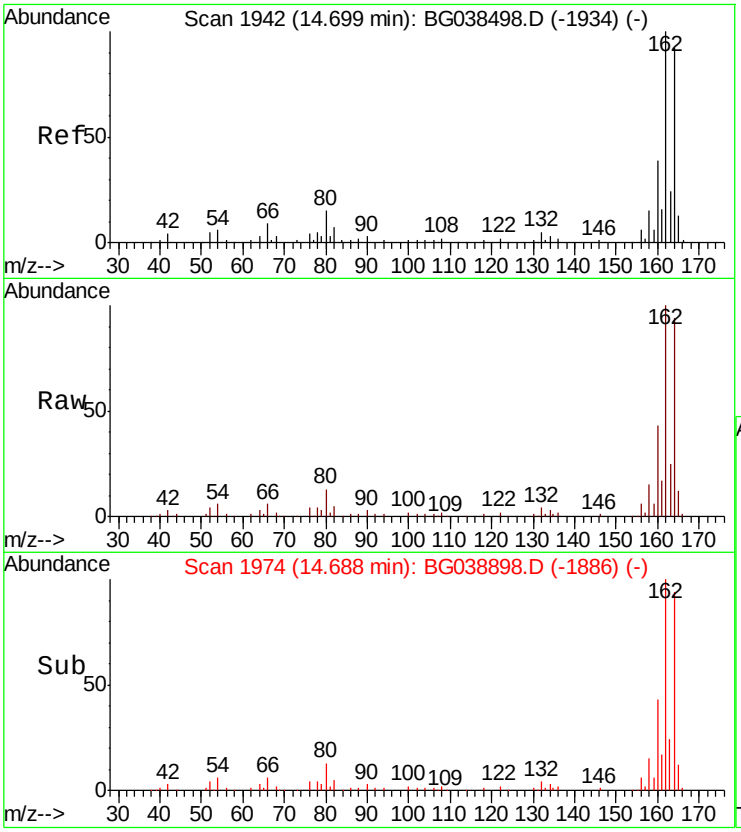




#38
1-Methylnaphthalene
Concen: 48.720 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:142 Resp: 161350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.2 | 75.8 | 113.8 |
| 116 | 4.0 | 3.6 | 5.4 |



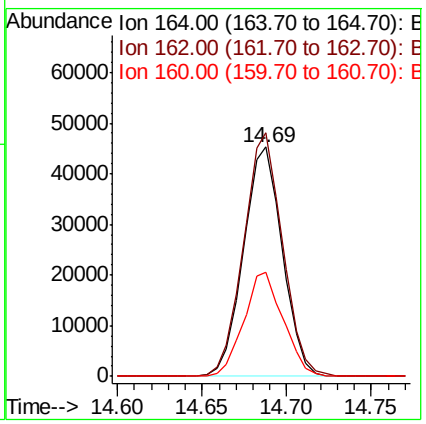


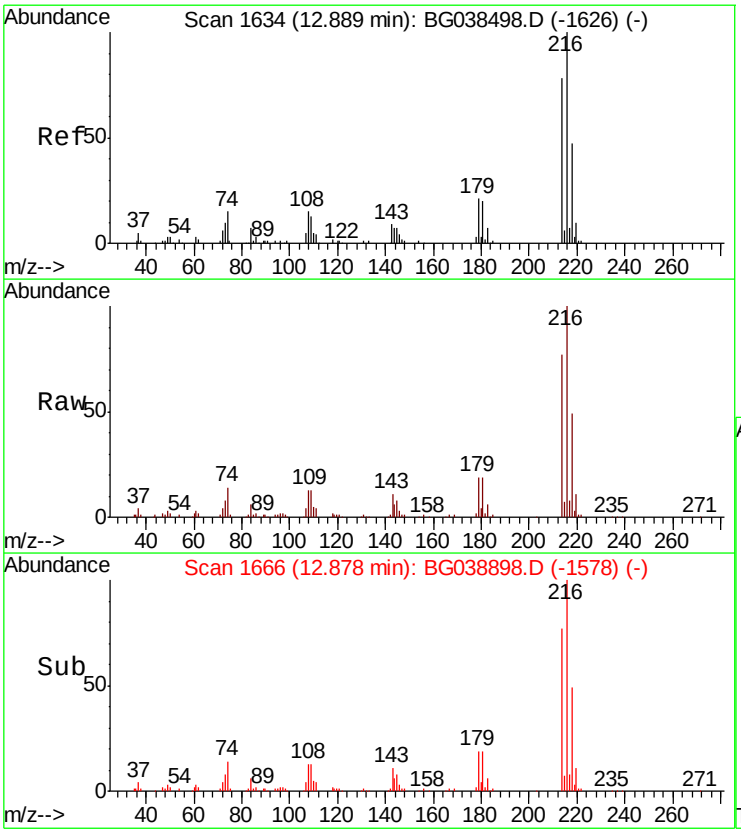

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:164 Resp: 72222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.3 | 86.6 | 130.0 |
| 160 | 45.5 | 34.2 | 51.2 |

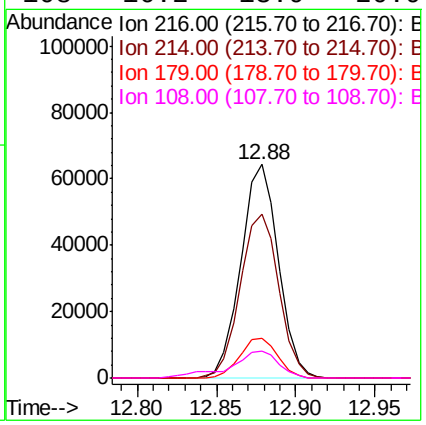


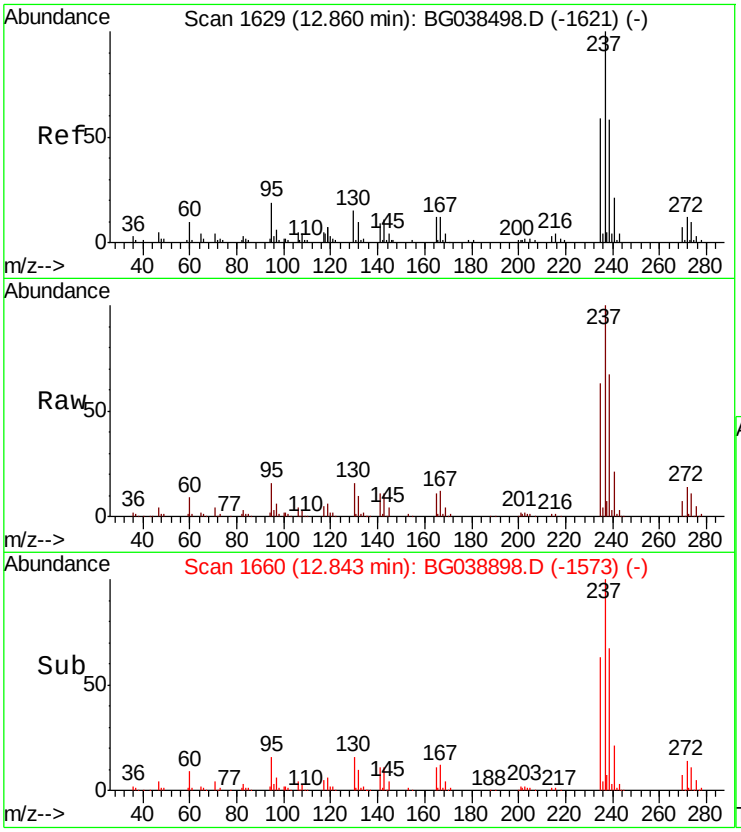




#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.144 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:216 Resp: 105674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 64.1 | 96.1 |
| 179 | 18.7 | 16.4 | 24.6 |
| 108 | 16.2 | 13.9 | 20.9 |



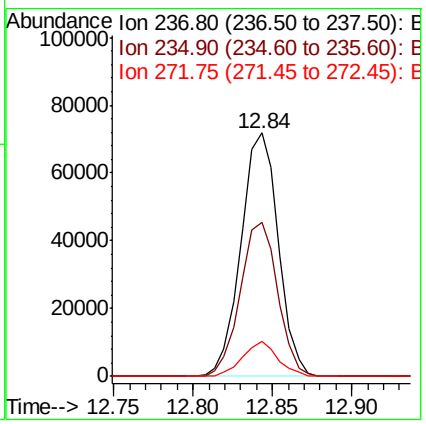


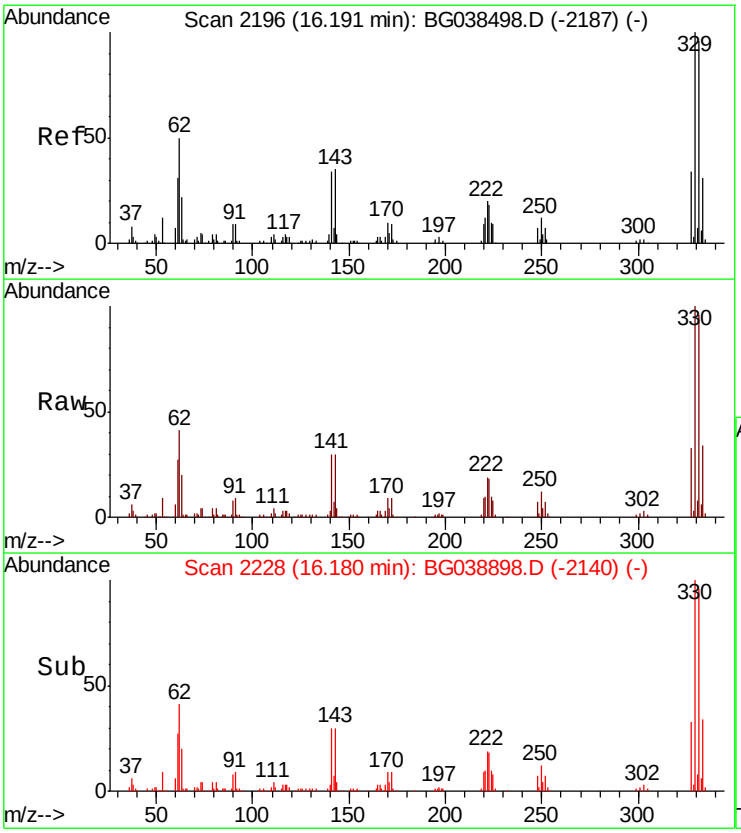

#41
Hexachlorocyclopentadiene
Concen: 79.092 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:237 Resp: 117306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 38.8 | 78.8 |
| 272 | 14.1 | 0.0 | 32.0 |

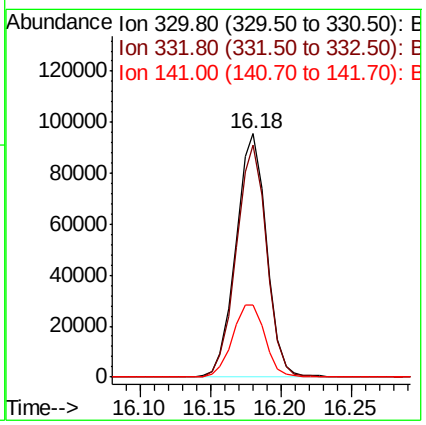


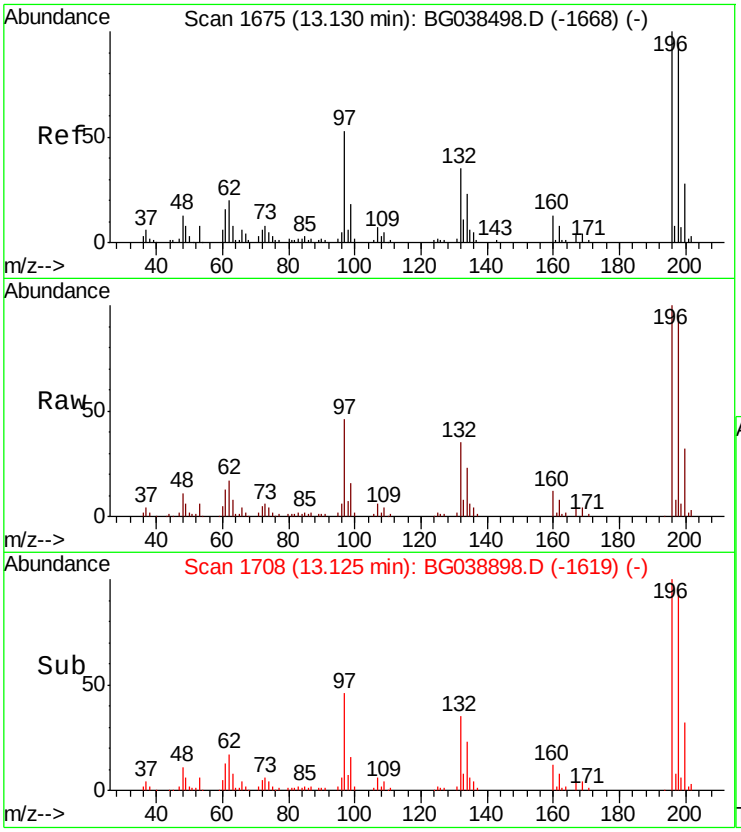




#42
2,4,6-Tribromophenol
Concen: 145.255 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:330 Resp: 144579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 76.9 | 115.3 |
| 141 | 31.4 | 28.8 | 43.2 |



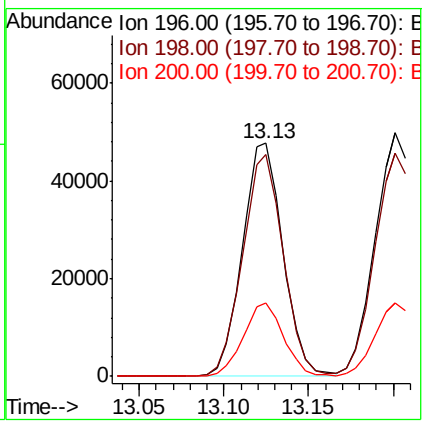


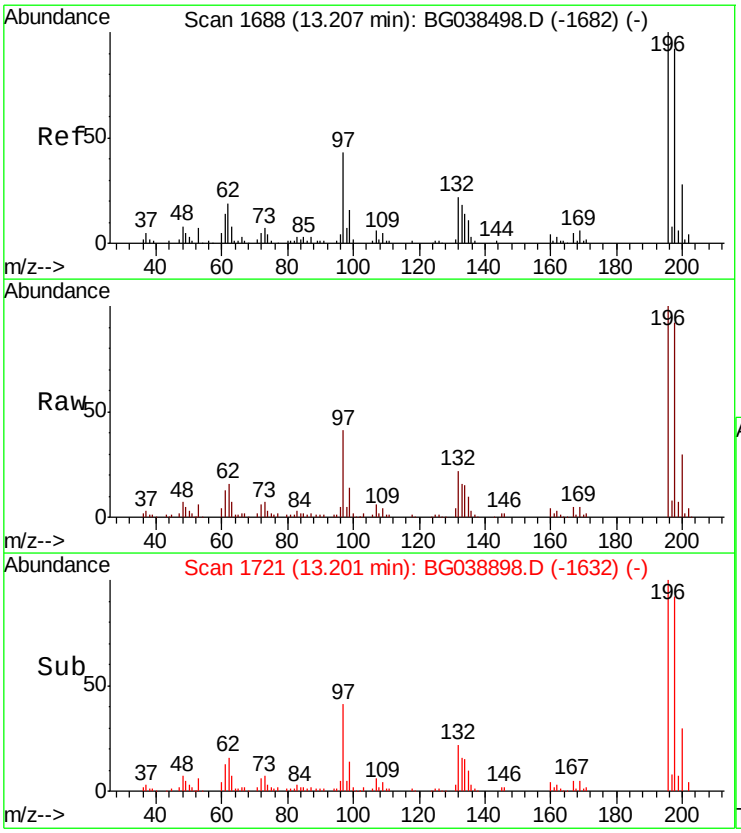

#43
2,4,6-Trichlorophenol
Concen: 48.100 ng
RT: 13.13 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:196 Resp: 79842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 75.0 | 112.4 |
| 200 | 31.5 | 22.4 | 33.6 |

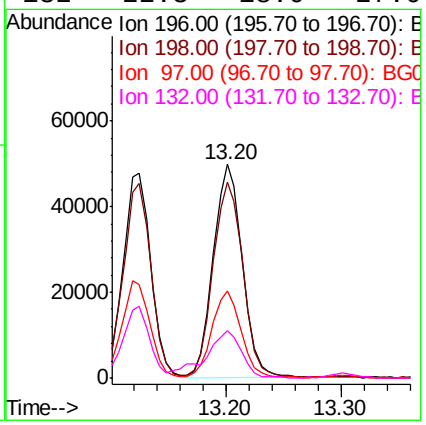


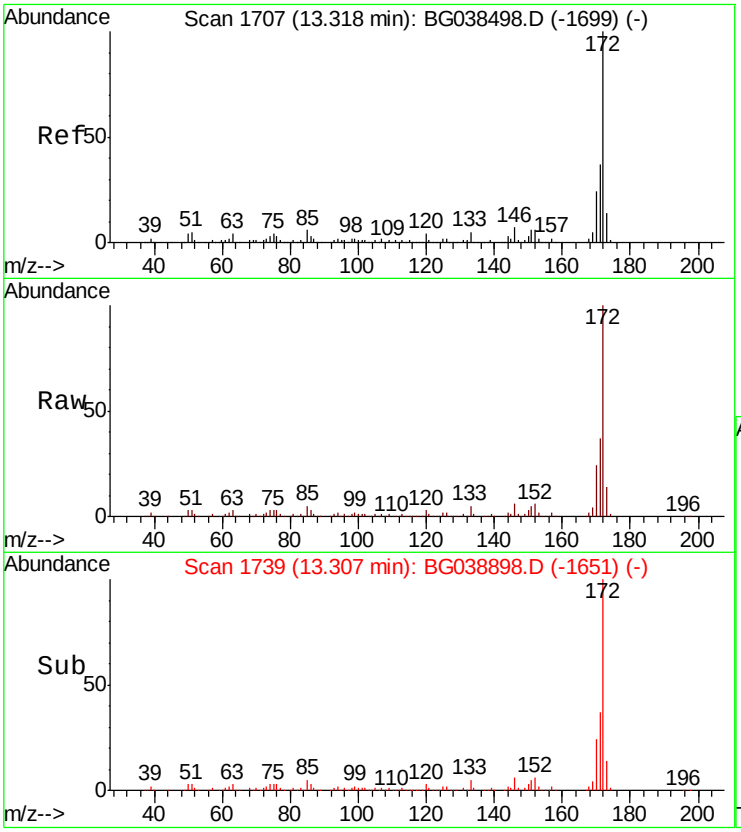




#44
2,4,5-Trichlorophenol
Concen: 49.395 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:196 Resp: 86809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.6 | 74.0 | 111.0 |
| 97 | 40.7 | 35.1 | 52.7 |
| 132 | 22.3 | 18.0 | 27.0 |



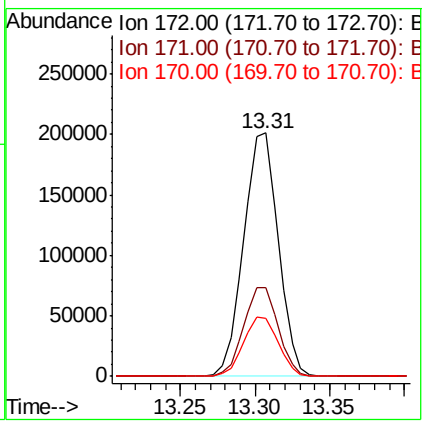


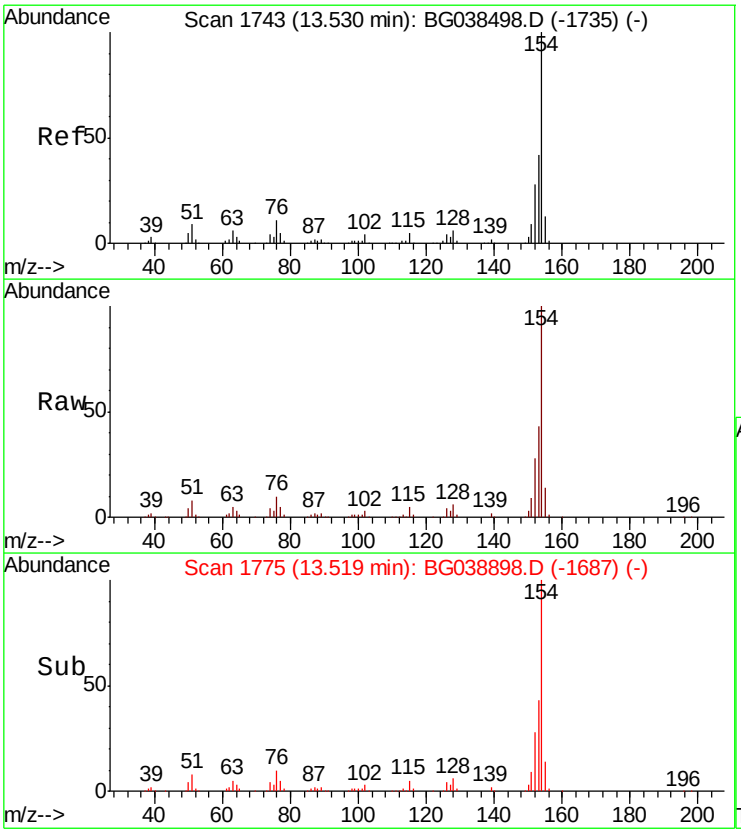

#45
2-Fluorobiphenyl
Concen: 61.078 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:172 Resp: 321552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.8 | 44.6 |
| 170 | 24.0 | 19.5 | 29.3 |

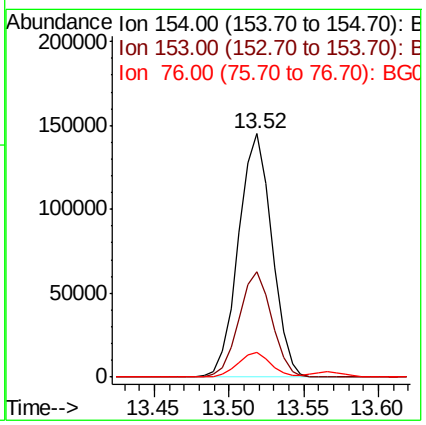


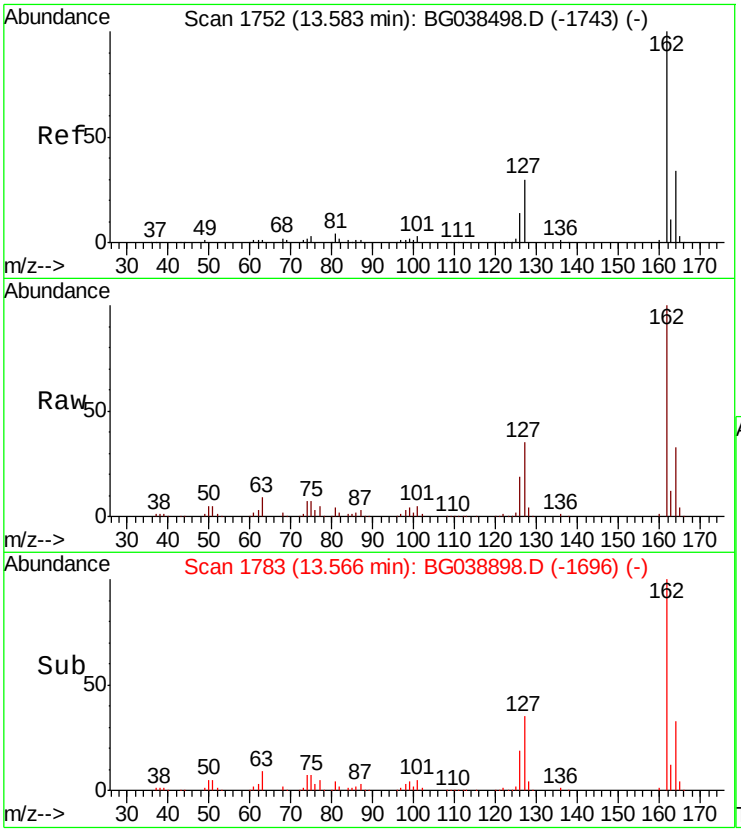




#46
1,1'-Biphenyl
Concen: 37.112 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:154 Resp: 224694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.3 | 22.1 | 62.1 |
| 76 | 10.0 | 0.0 | 31.2 |



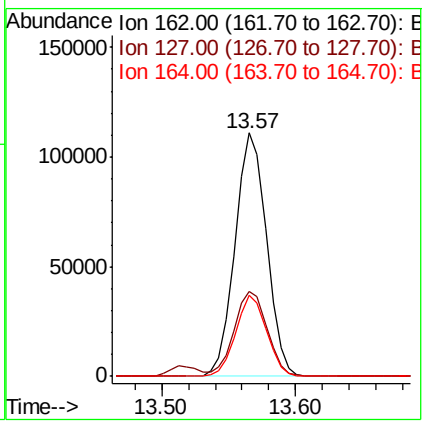


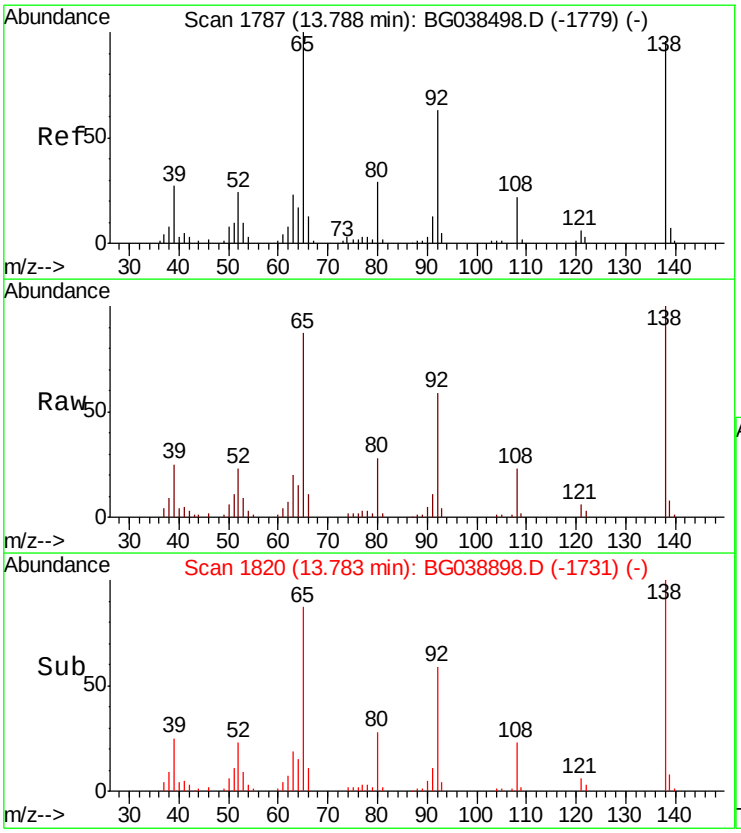

#47
2-Chloronaphthalene
Concen: 38.747 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:162 Resp: 181214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.1 | 27.8 | 41.8 |
| 164 | 33.2 | 26.9 | 40.3 |

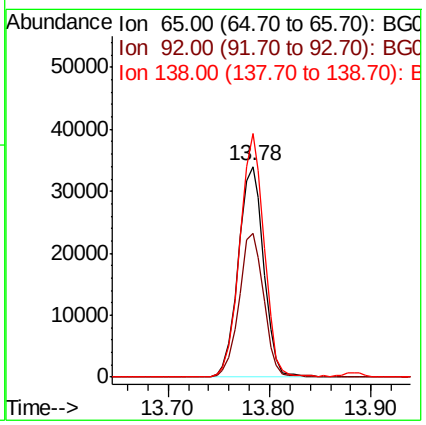


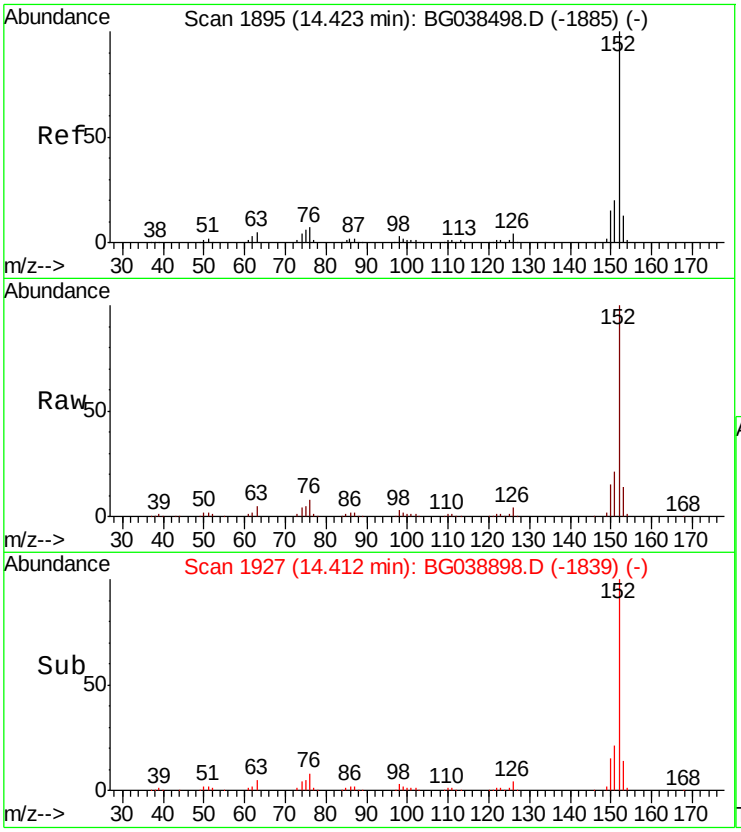




#48
2-Nitroaniline
Concen: 39.555 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 65 Resp: 58924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.1 | 50.0 | 75.0 |
| 138 | 115.5 | 76.9 | 115.3# |



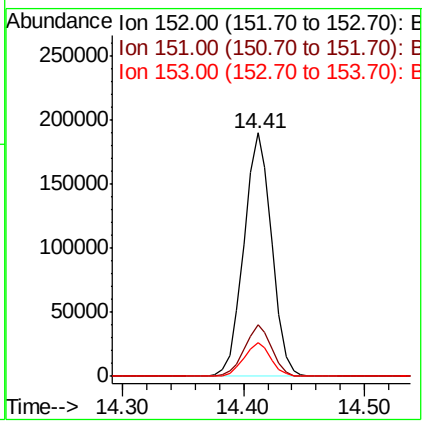


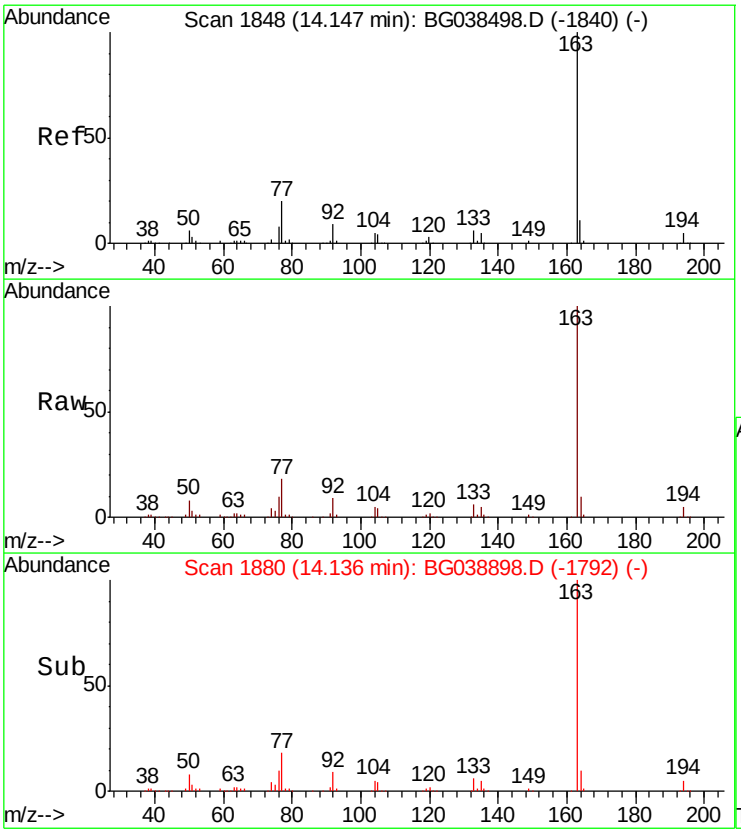

#49
Acenaphthylene
Concen: 43.508 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:152 Resp: 304192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 16.4 | 24.6 |
| 153 | 13.8 | 10.4 | 15.6 |

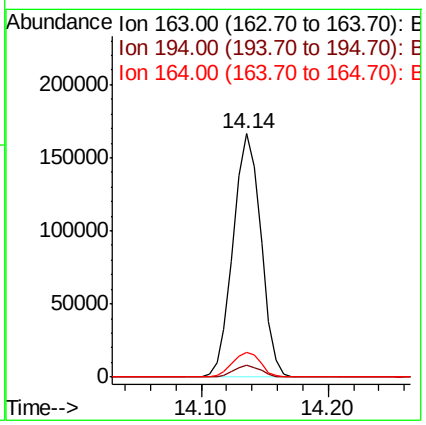


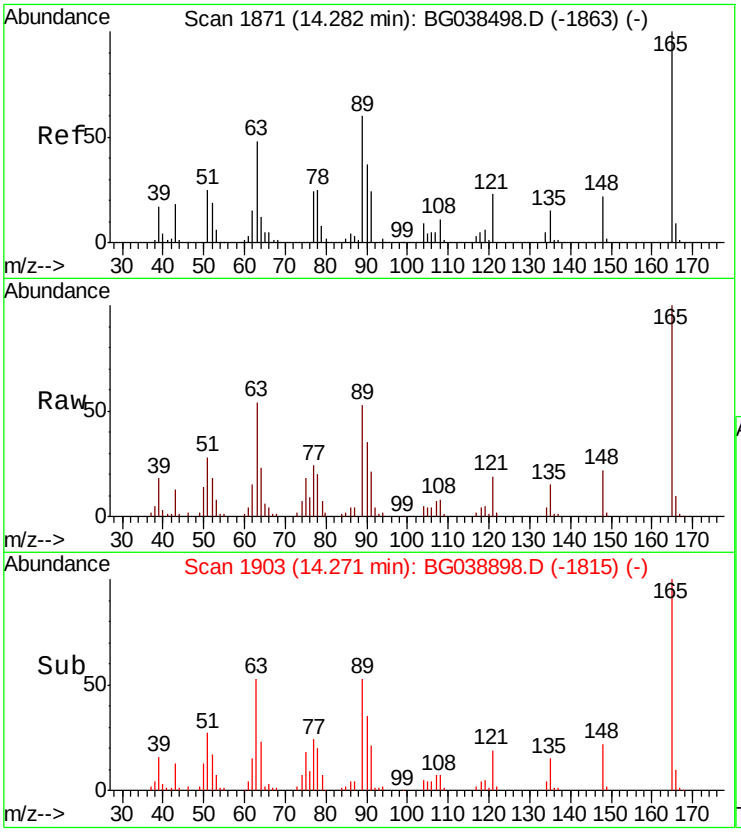




#50
Dimethylphthalate
Concen: 42.870 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:163 Resp: 252842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.7 | 5.5 |
| 164 | 10.1 | 8.6 | 12.8 |



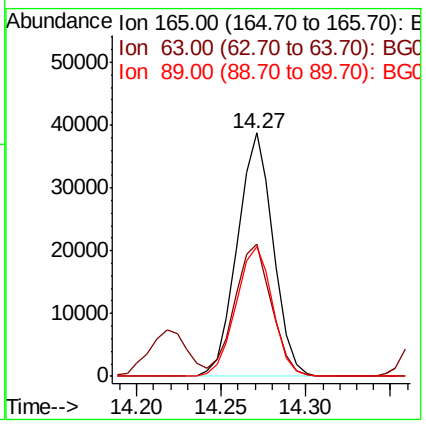


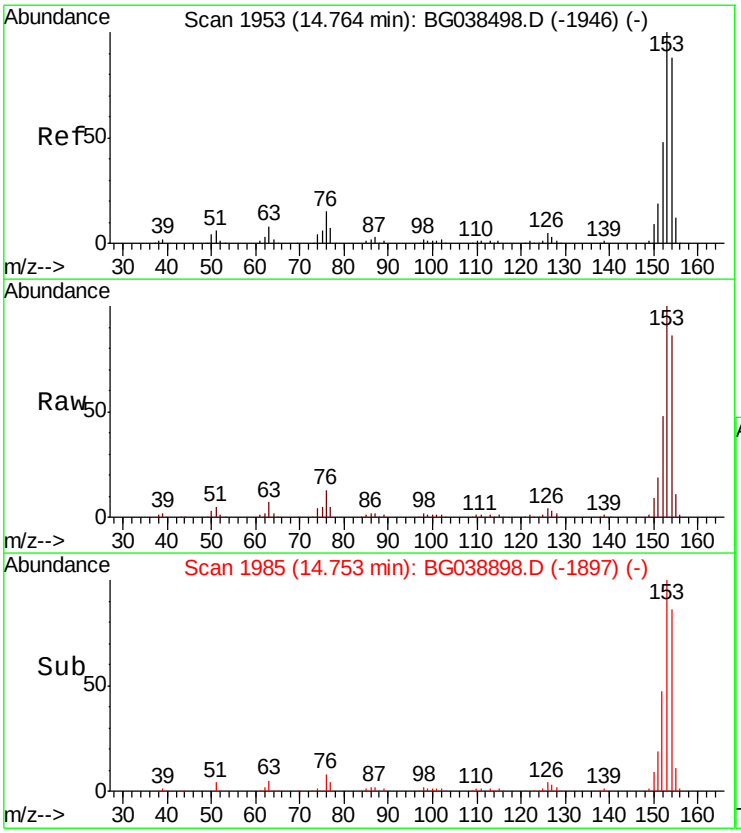

#51
2,6-Dinitrotoluene
Concen: 42.802 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:165 Resp: 57207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 54.2 | 51.8 | 77.6 |
| 89 | 53.1 | 47.9 | 71.9 |

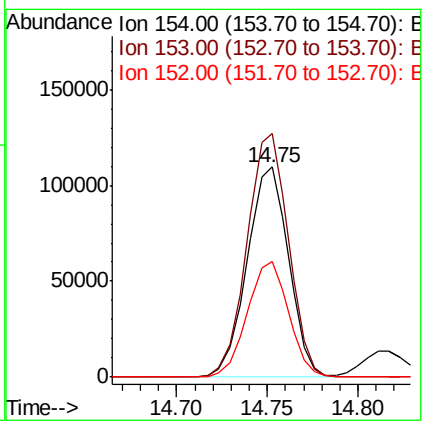


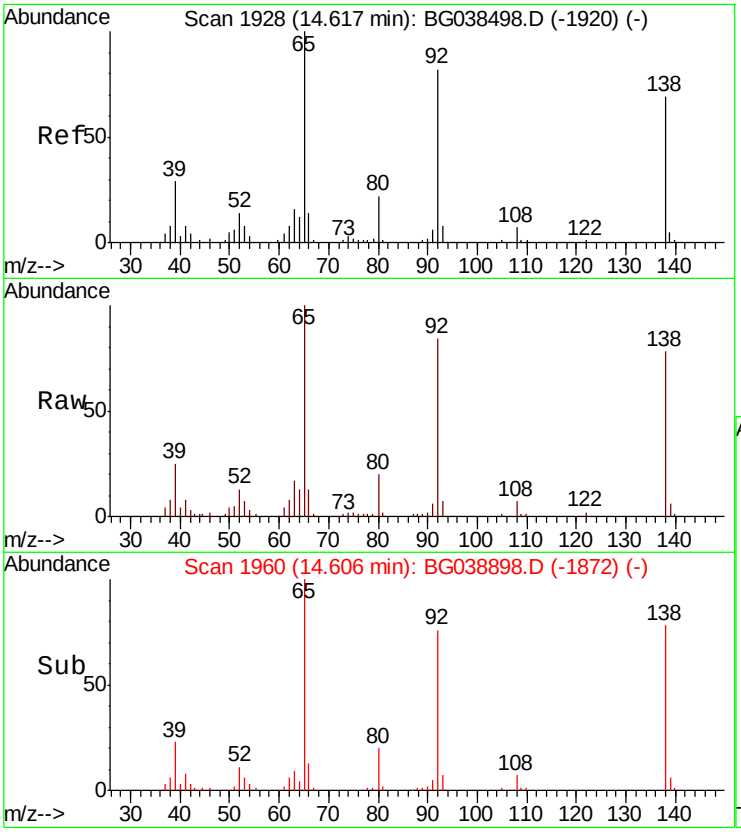




#52
Acenaphthene
Concen: 41.664 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:154 Resp: 174186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.8 | 90.6 | 136.0 |
| 152 | 55.1 | 43.5 | 65.3 |



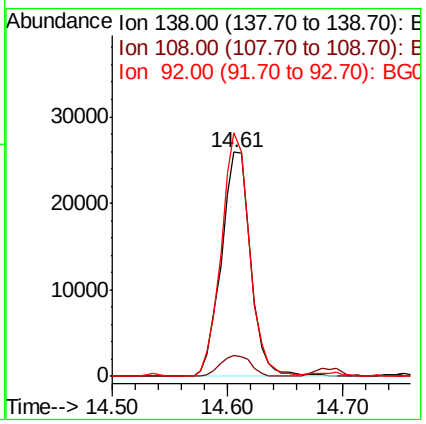


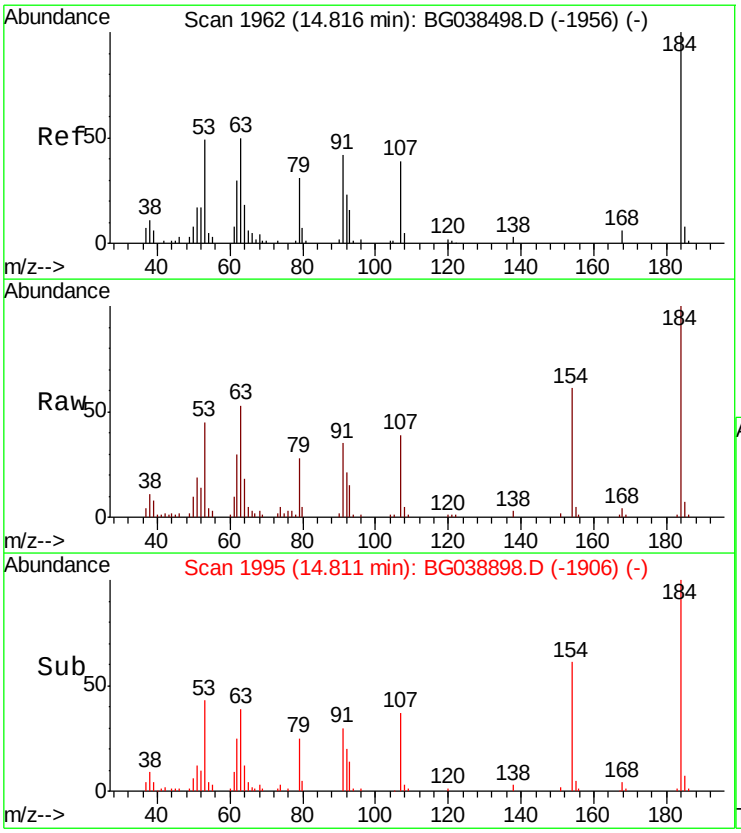

#53
3-Nitroaniline
Concen: 33.388 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:138 Resp: 45490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.4 | 7.9 | 11.9 |
| 92 | 108.6 | 95.3 | 142.9 |

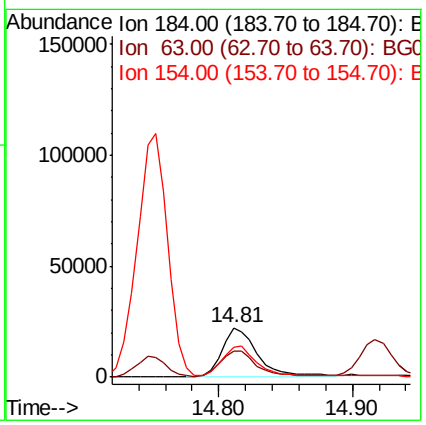


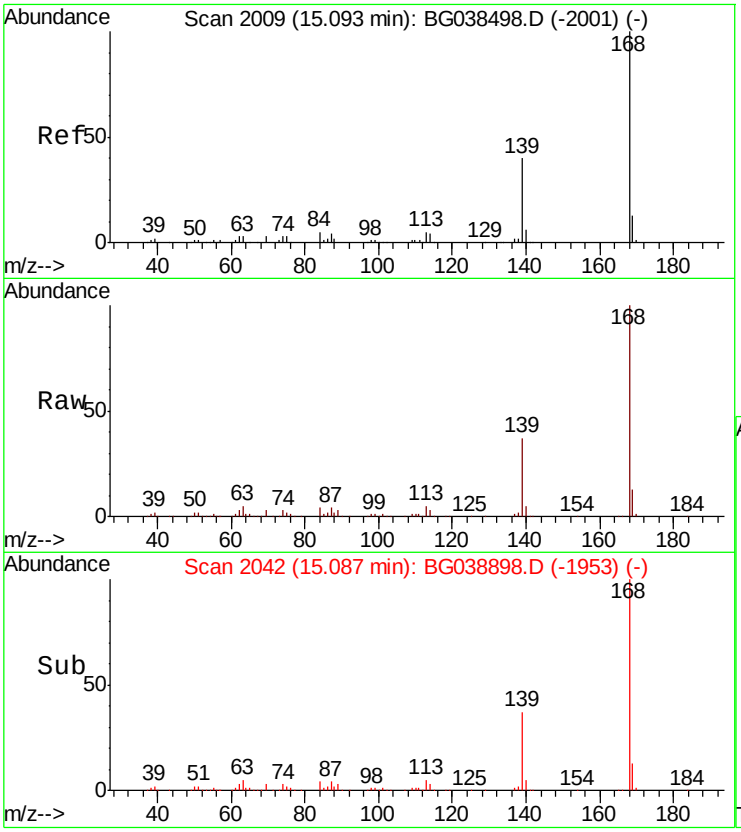




#54
2,4-Dinitrophenol
Concen: 54.640 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:184 Resp: 42056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 53.3 | 47.0 | 70.6 |
| 154 | 60.8 | 50.3 | 75.5 |



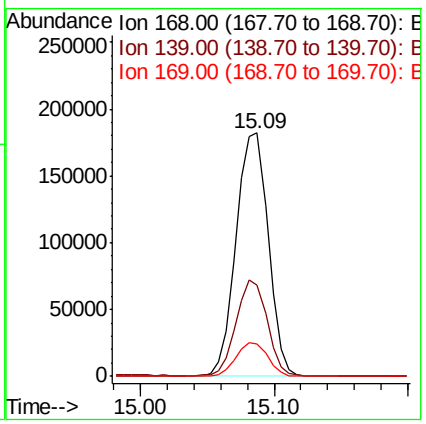


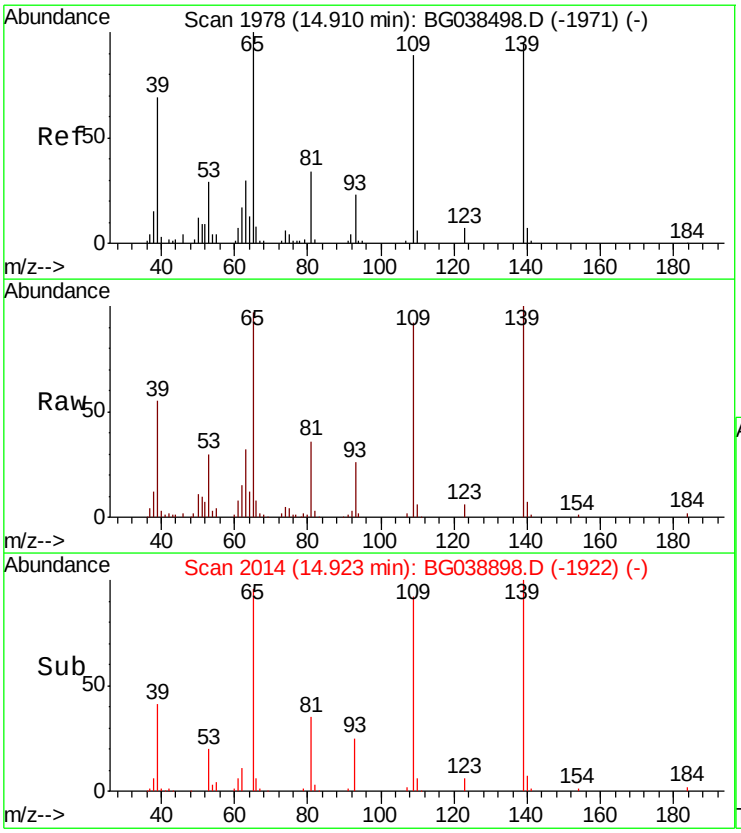

#55
Dibenzofuran
Concen: 42.369 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:168 Resp: 303637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 32.2 | 48.2 |
| 169 | 13.5 | 10.6 | 16.0 |

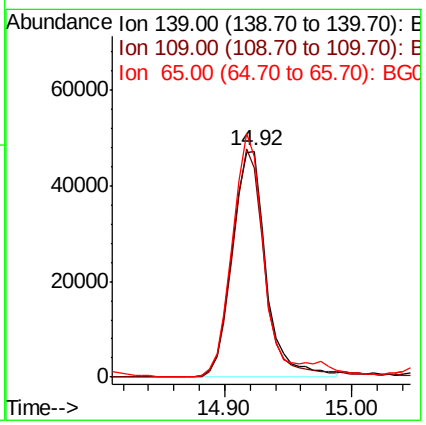


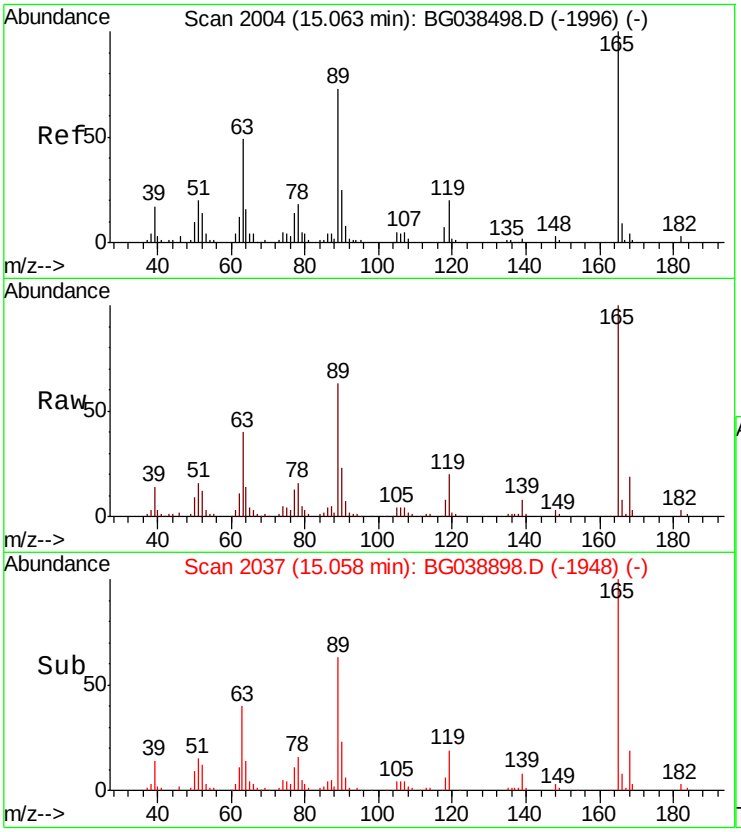




#56
4-Nitrophenol
Concen: 84.713 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:139 Resp: 87559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 92.3 | 73.6 | 113.6 |
| 65 | 97.4 | 84.8 | 124.8 |



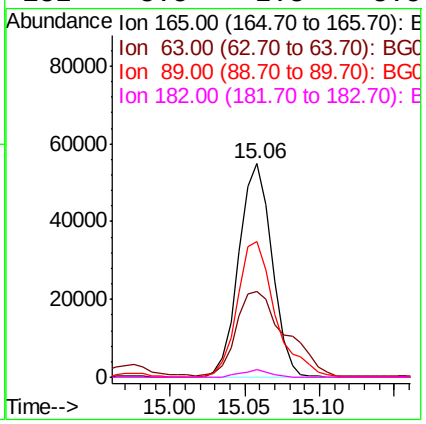


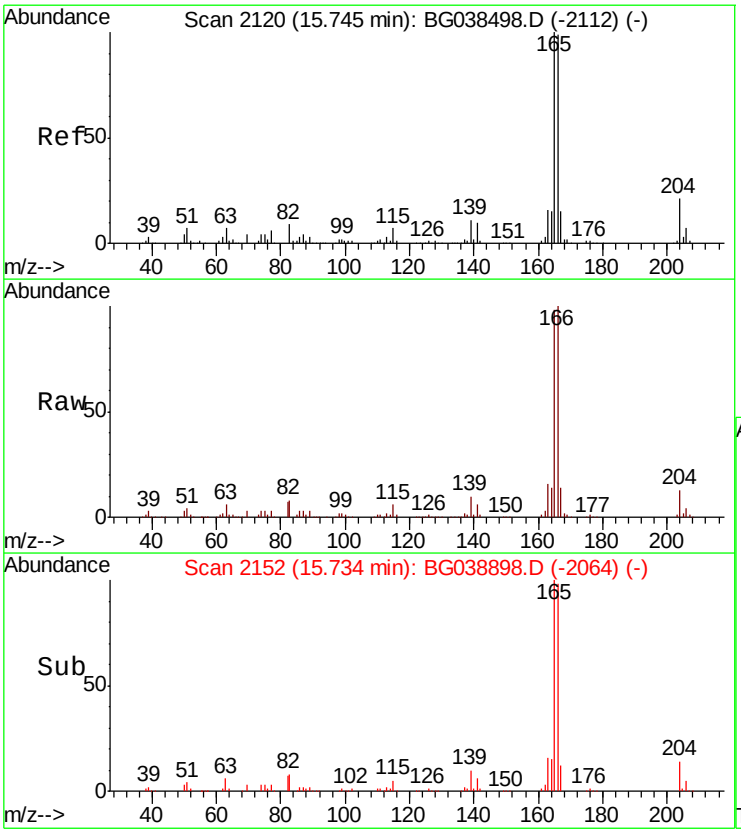

#57
2,4-Dinitrotoluene
Concen: 44.849 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:165 Resp: 84428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.9 | 39.0 | 58.4 |
| 89 | 63.5 | 58.0 | 87.0 |
| 182 | 3.5 | 2.3 | 3.5 |

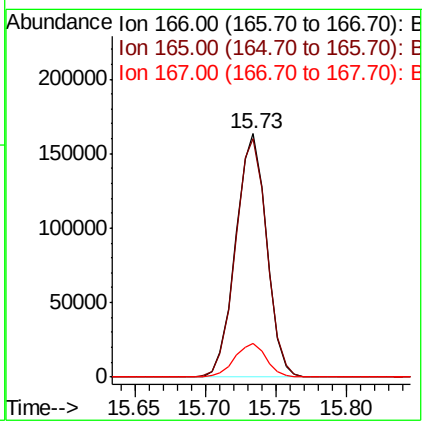


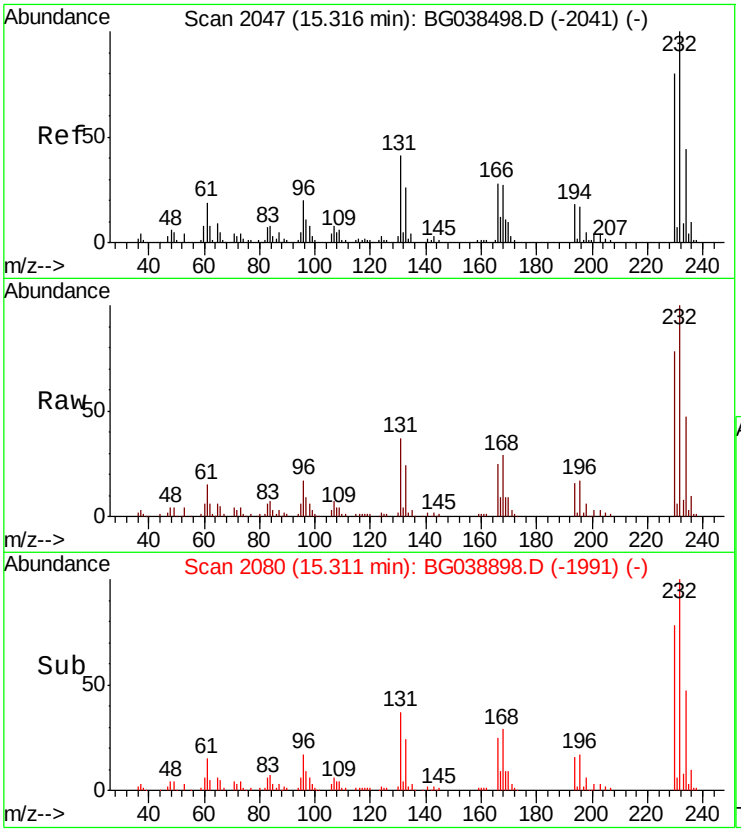




#58
Fluorene
Concen: 46.888 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:166 Resp: 248952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 80.6 | 120.8 |
| 167 | 13.9 | 12.0 | 18.0 |



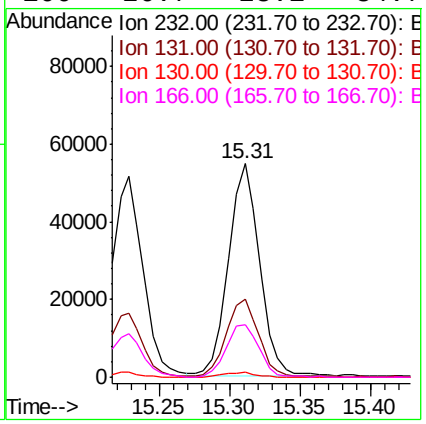


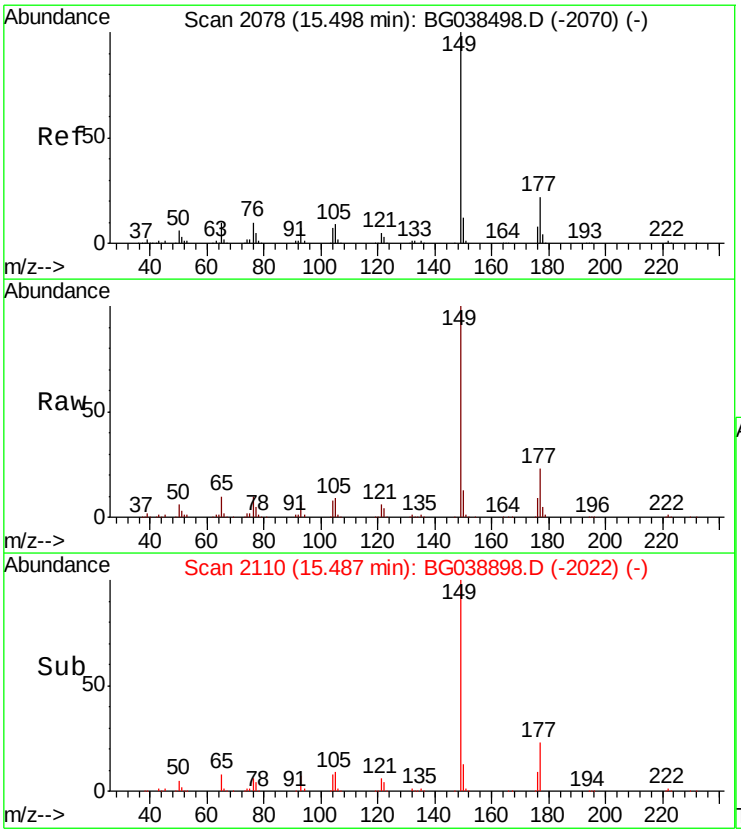

#59
2,3,4,6-Tetrachlorophenol
Concen: 53.132 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:232 Resp: 84010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.9 | 33.0 | 49.4 |
| 130 | 2.4 | 2.0 | 3.0 |
| 166 | 26.7 | 23.1 | 34.7 |

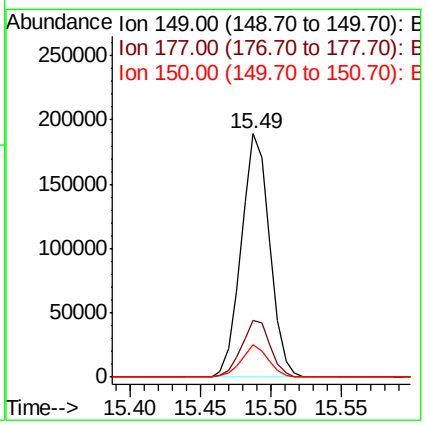


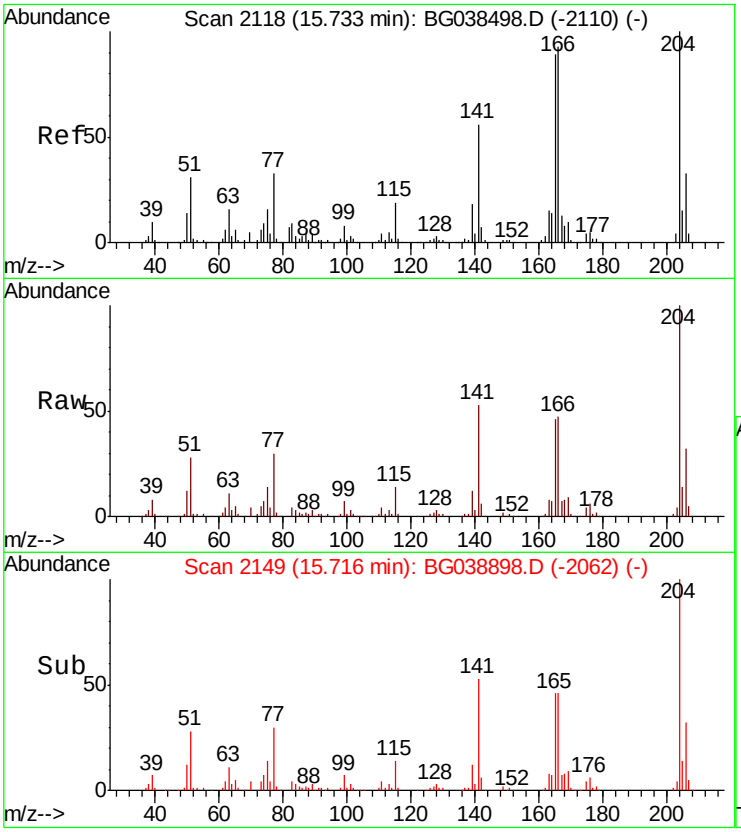




#60
Diethylphthalate
Concen: 41.100 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:149 Resp: 266108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.1 | 17.7 | 26.5 |
| 150 | 13.1 | 9.9 | 14.9 |



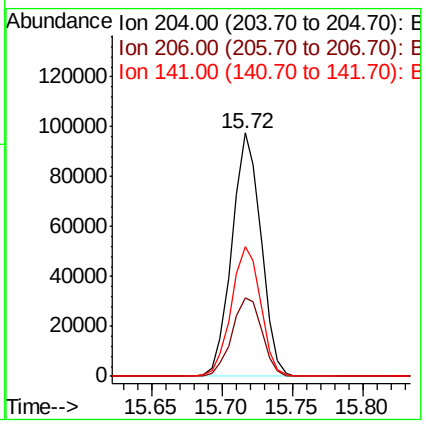


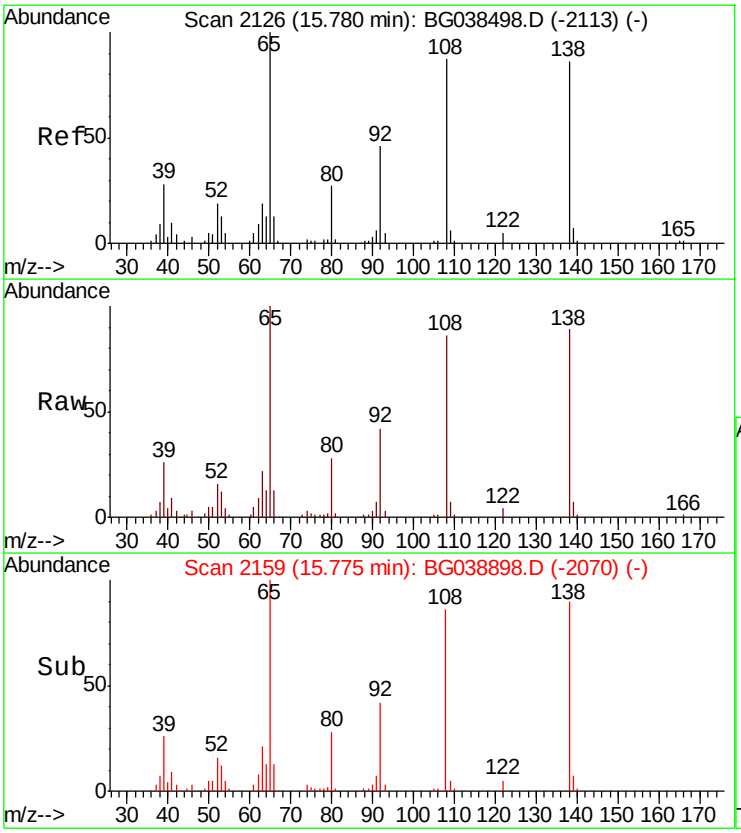

#61
4-Chlorophenyl-phenylether
Concen: 42.247 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:204 Resp: 139956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 26.0 | 39.0 |
| 141 | 53.2 | 44.4 | 66.6 |

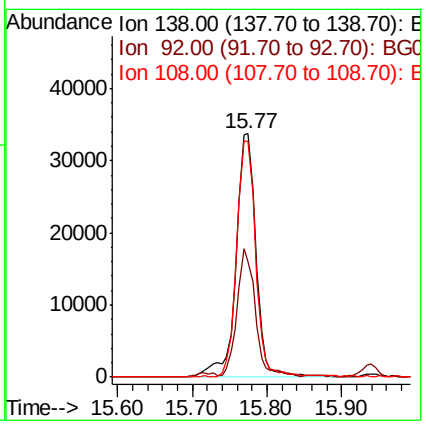


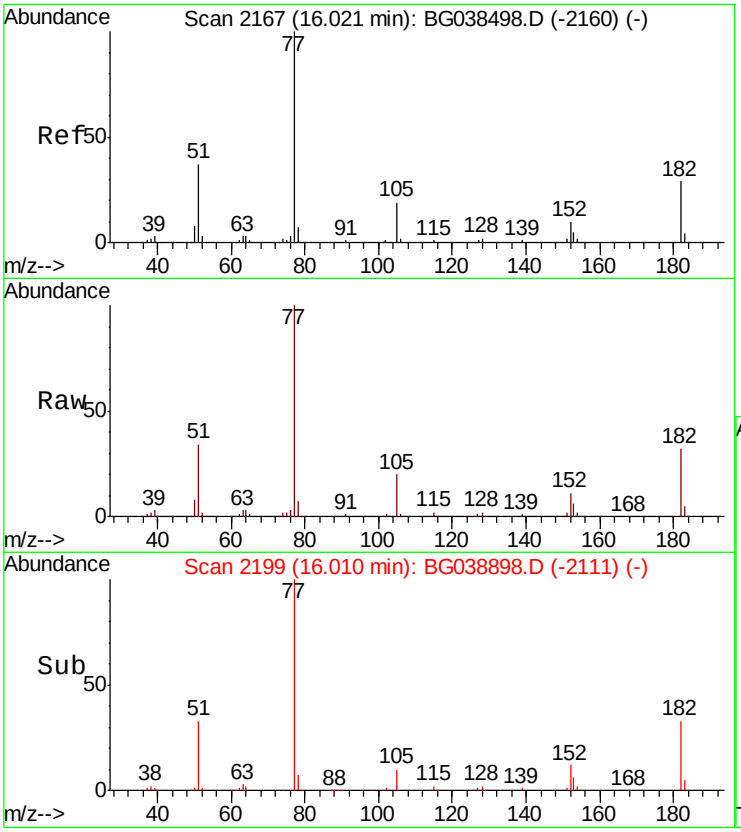




#62
4-Nitroaniline
Concen: 44.800 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:138 Resp: 62840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.4 | 33.3 | 73.3 |
| 108 | 96.7 | 81.4 | 121.4 |



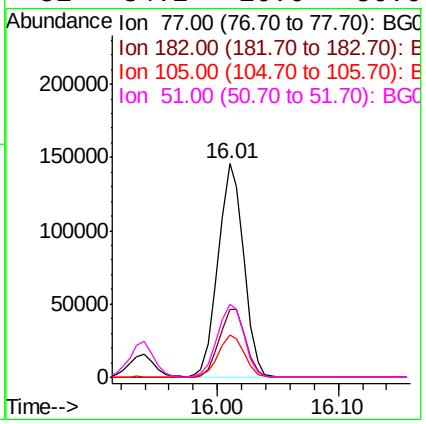


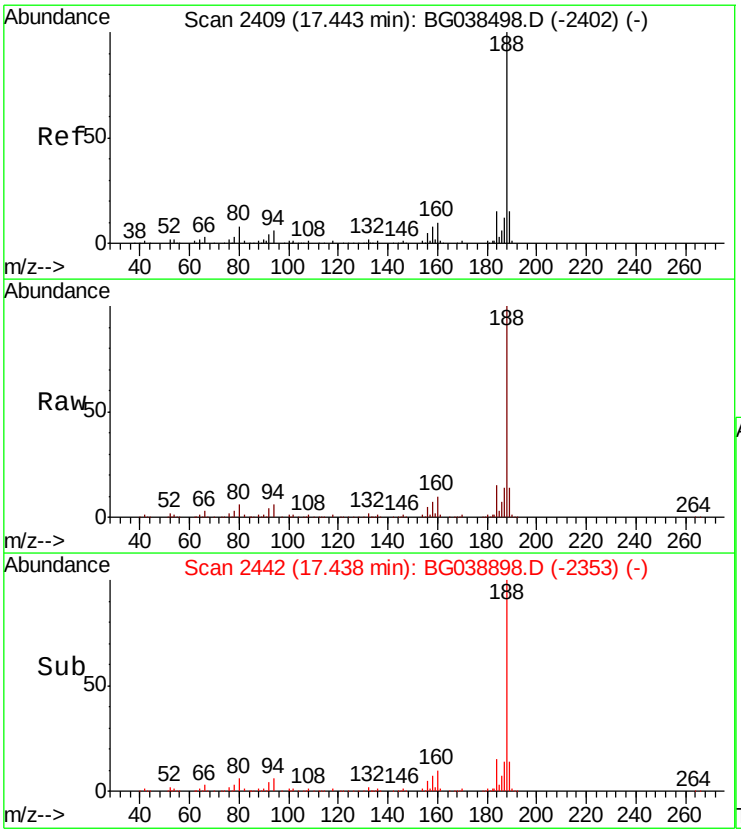

#63
Azobenzene
Concen: 39.480 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :** BNA_G
**ClientSampleId :** PB116088BSD

Tgt Ion: 77 Resp: 213541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.8 | 8.7 | 48.7 |
| 105 | 20.0 | 0.0 | 38.7 |
| 51 | 34.2 | 16.6 | 56.6 |

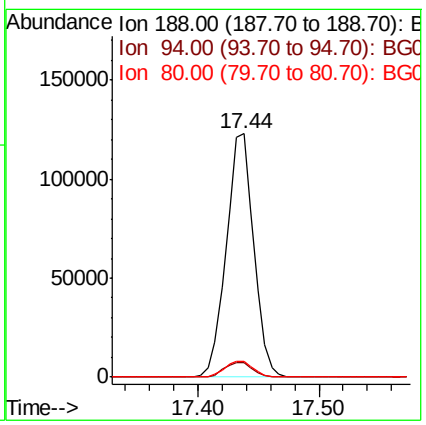


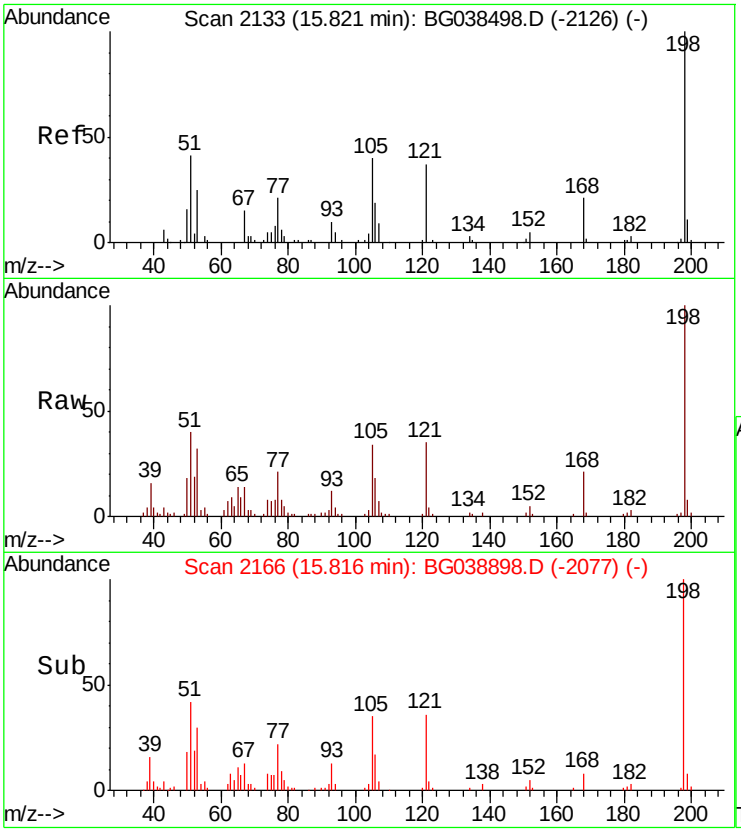




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:188 Resp: 194035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 5.1 | 7.7 |
| 80 | 6.2 | 6.1 | 9.1 |



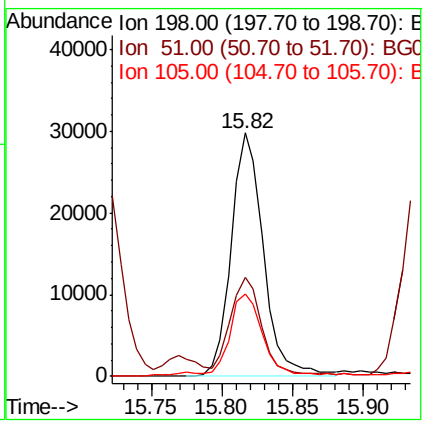


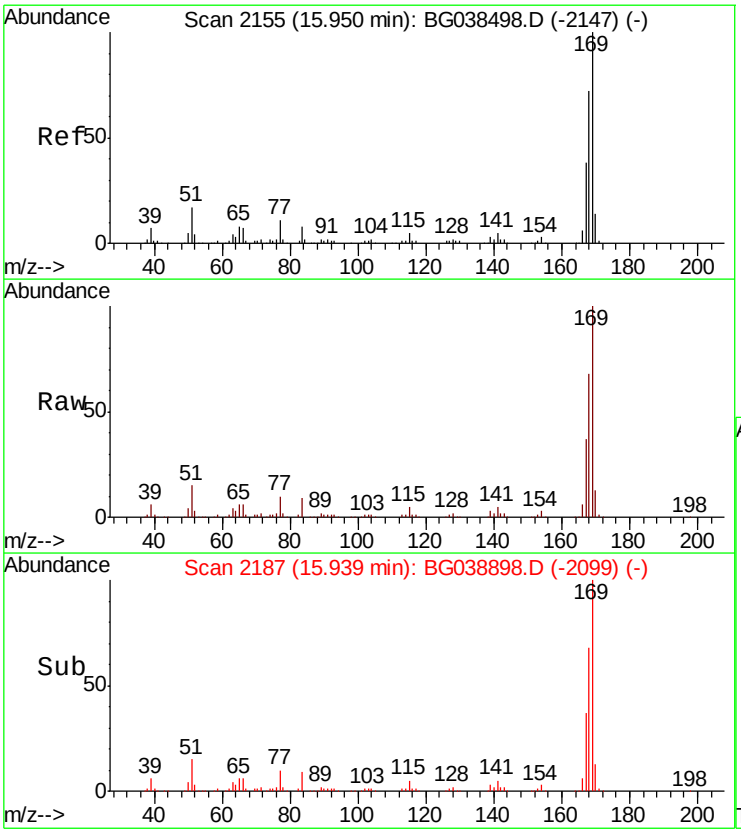

#65
4,6-Dinitro-2-methylphenol
Concen: 34.319 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:198 Resp: 47503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.5 | 28.6 | 68.6 |
| 105 | 33.9 | 20.4 | 60.4 |

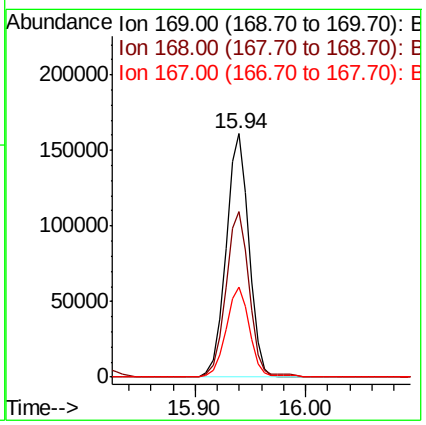


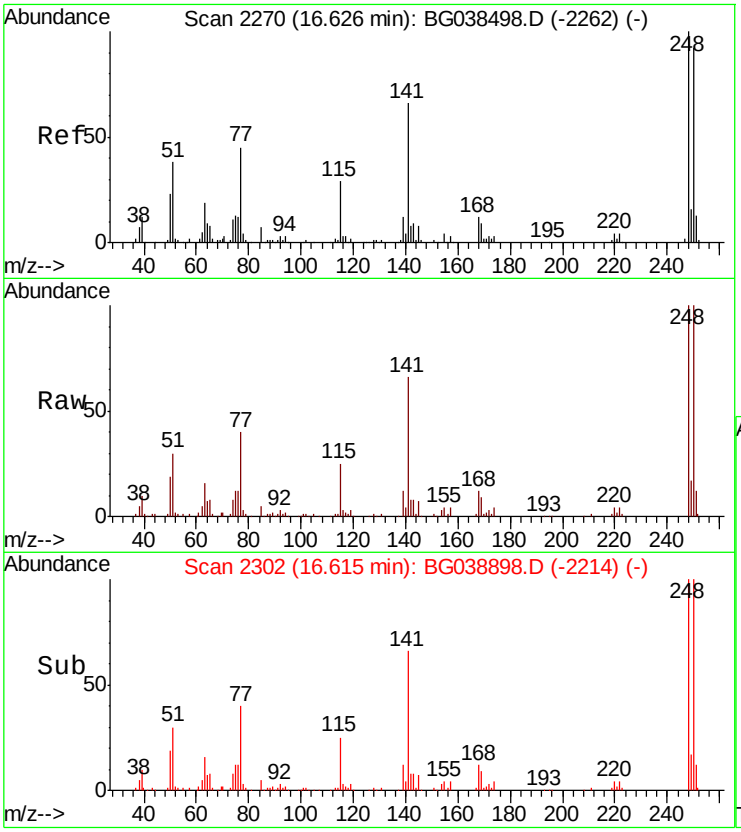




#66
n-Nitrosodiphenylamine
Concen: 40.736 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:169 Resp: 232242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 57.5 | 86.3 |
| 167 | 37.1 | 30.2 | 45.2 |



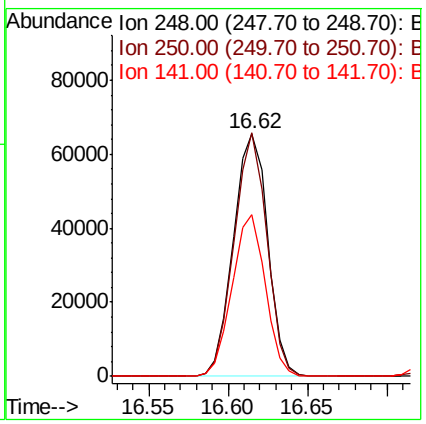


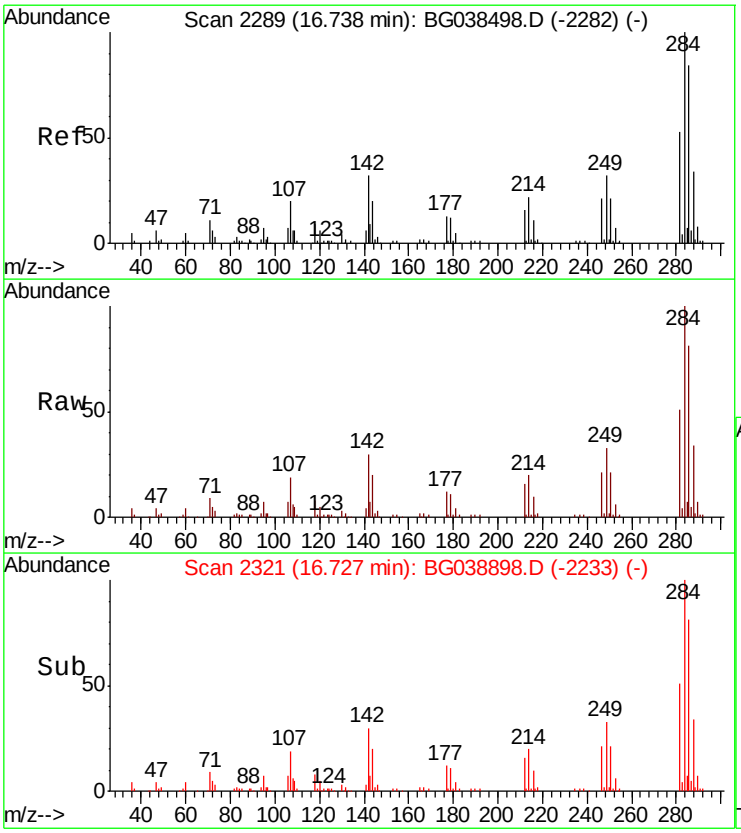

#67
4-Bromophenyl-phenylether
Concen: 41.543 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:248 Resp: 98446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.3 | 73.4 | 110.2 |
| 141 | 66.6 | 52.9 | 79.3 |

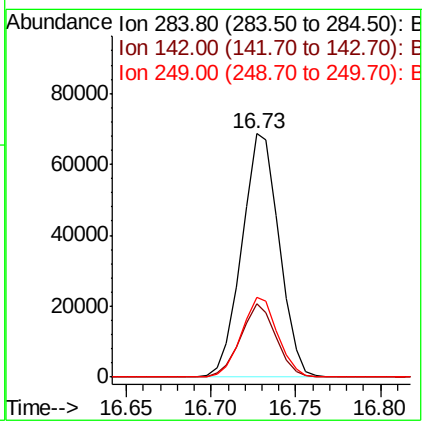


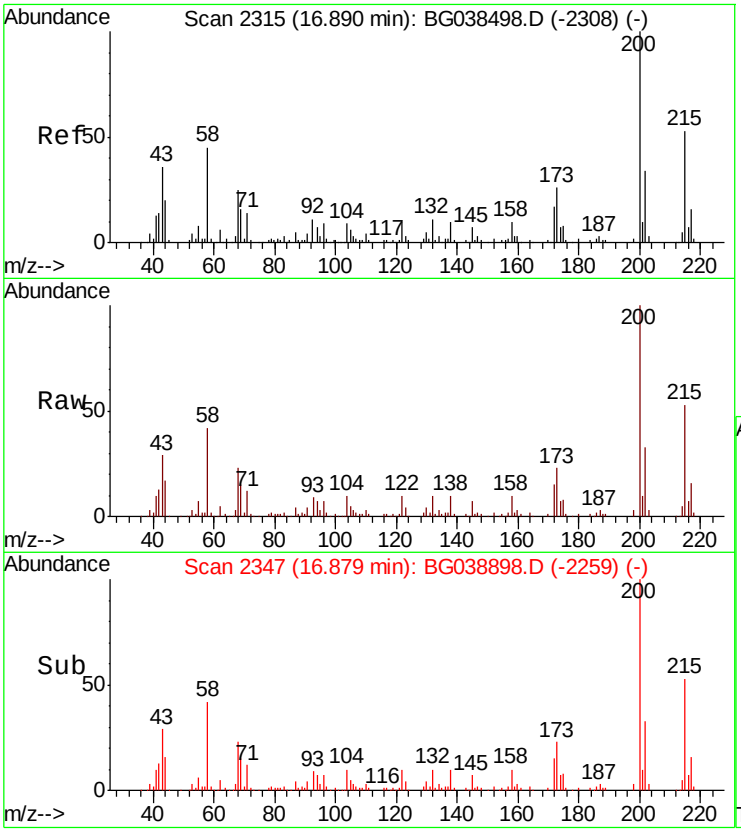




#68
Hexachlorobenzene
Concen: 42.934 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:284 Resp: 105467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.9 | 25.8 | 38.6 |
| 249 | 34.8 | 27.0 | 40.4 |



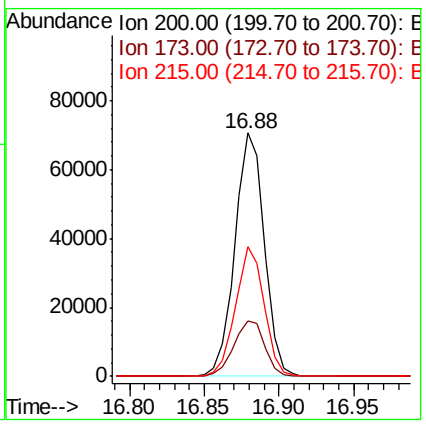


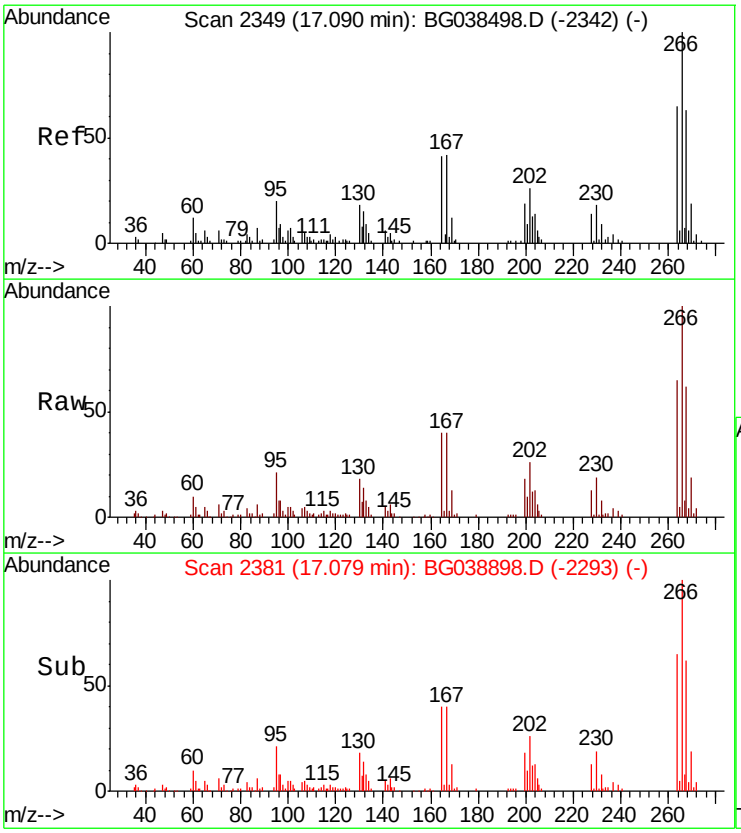

#69
Atrazine
Concen: 45.632 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:200 Resp: 96548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.0 | 5.9 | 45.9 |
| 215 | 53.2 | 33.1 | 73.1 |

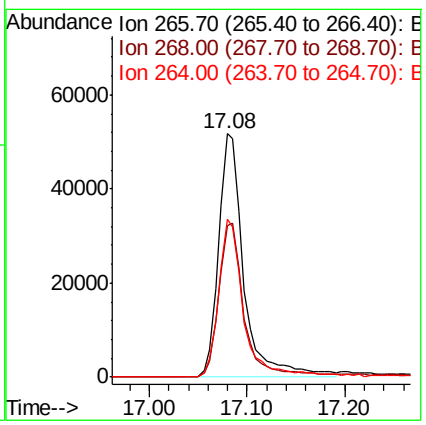


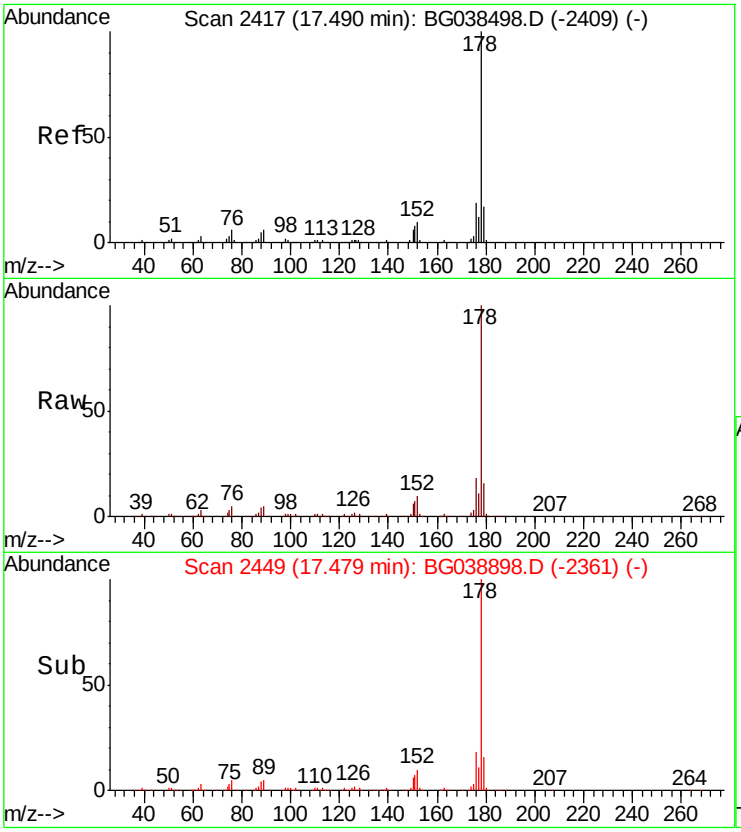




#70
Pentachlorophenol
Concen: 63.938 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:266 Resp: 92900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.2 | 55.0 | 82.6 |
| 264 | 69.8 | 56.7 | 85.1 |



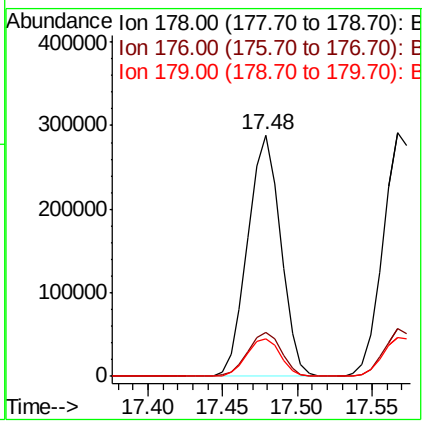


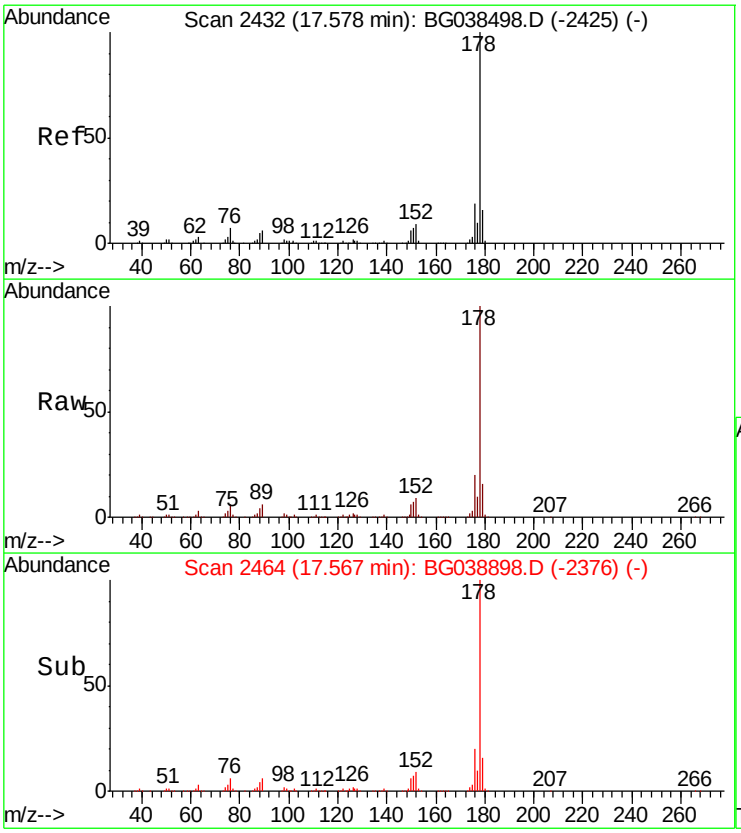

#71
Phenanthrene
Concen: 43.840 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:178 Resp: 441116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.1 | 22.7 |
| 179 | 15.7 | 13.2 | 19.8 |

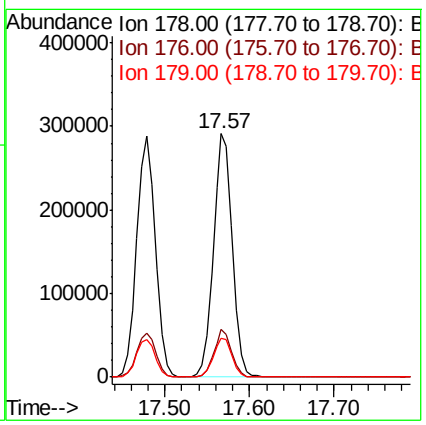


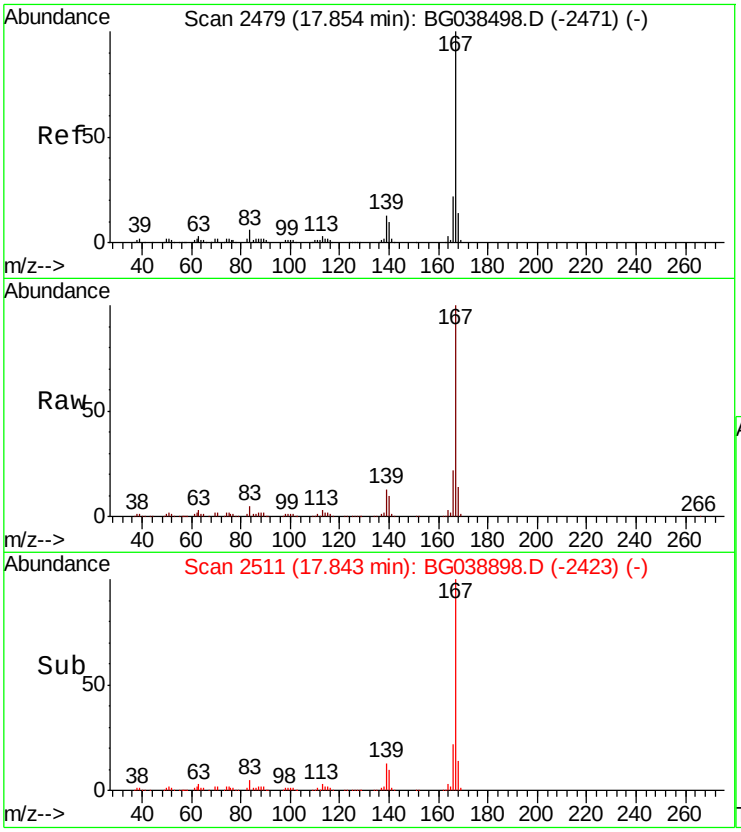




#72
Anthracene
Concen: 45.845 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:178 Resp: 455394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.1 | 22.7 |
| 179 | 16.0 | 12.9 | 19.3 |



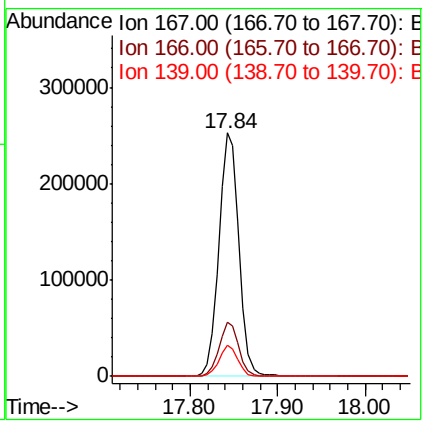


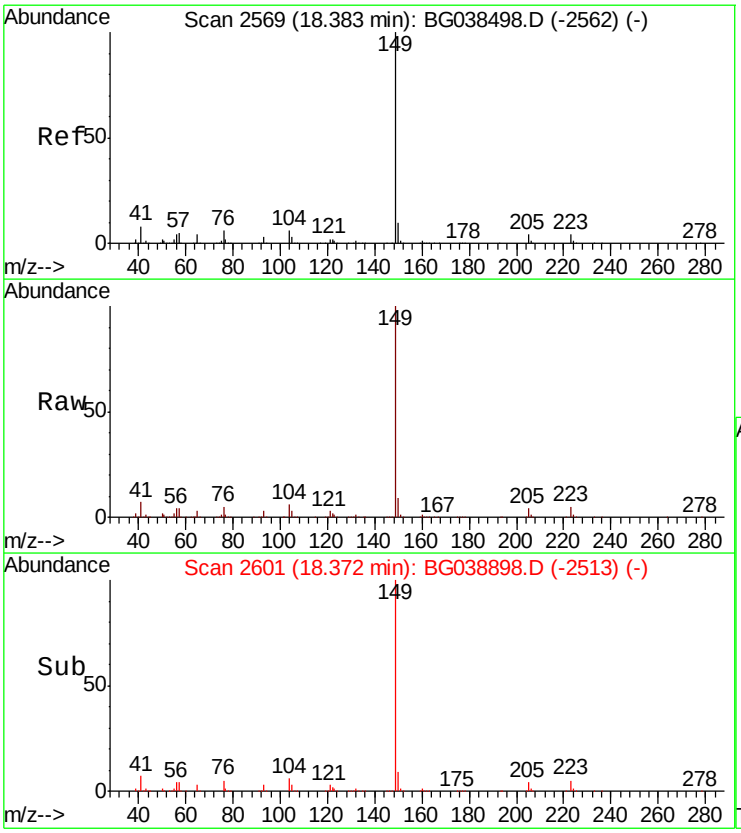

#73
Carbazole
Concen: 40.610 ng
RT: 17.84 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:167 Resp: 398949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 17.9 | 26.9 |
| 139 | 12.7 | 10.2 | 15.2 |

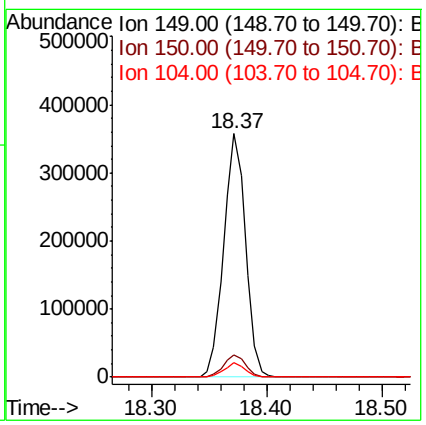


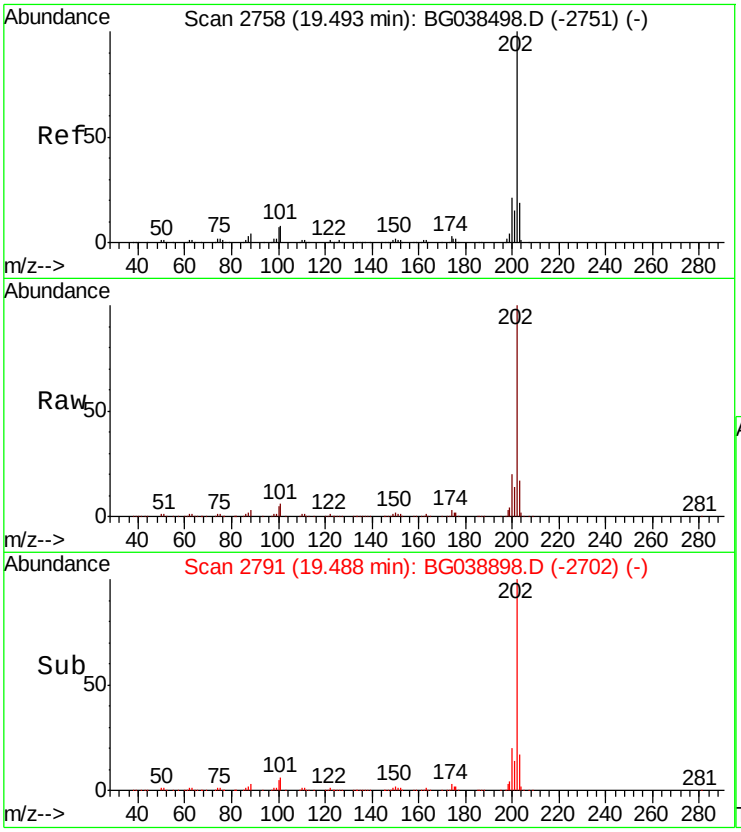




#74
Di-n-butylphthalate
Concen: 41.429 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:149 Resp: 466998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.6 | 11.4 |
| 104 | 5.8 | 5.0 | 7.4 |



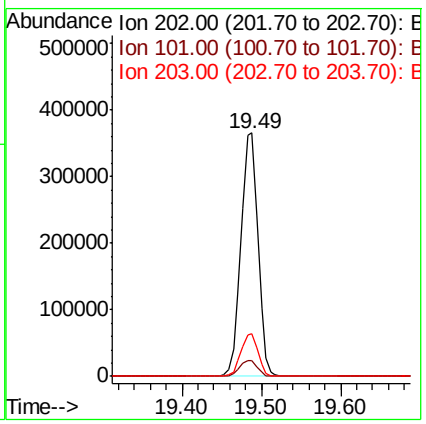


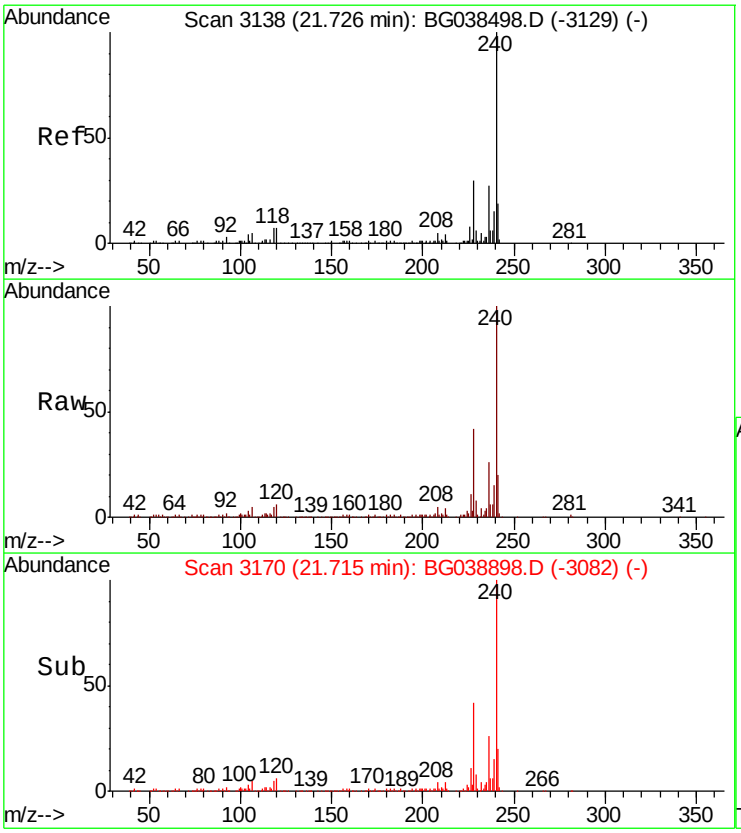

#75
Fluoranthene
Concen: 43.870 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:202 Resp: 546158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.4 | 0.0 | 28.1 |
| 203 | 17.5 | 0.0 | 39.0 |

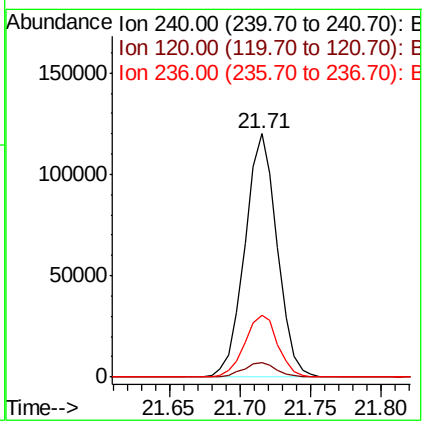


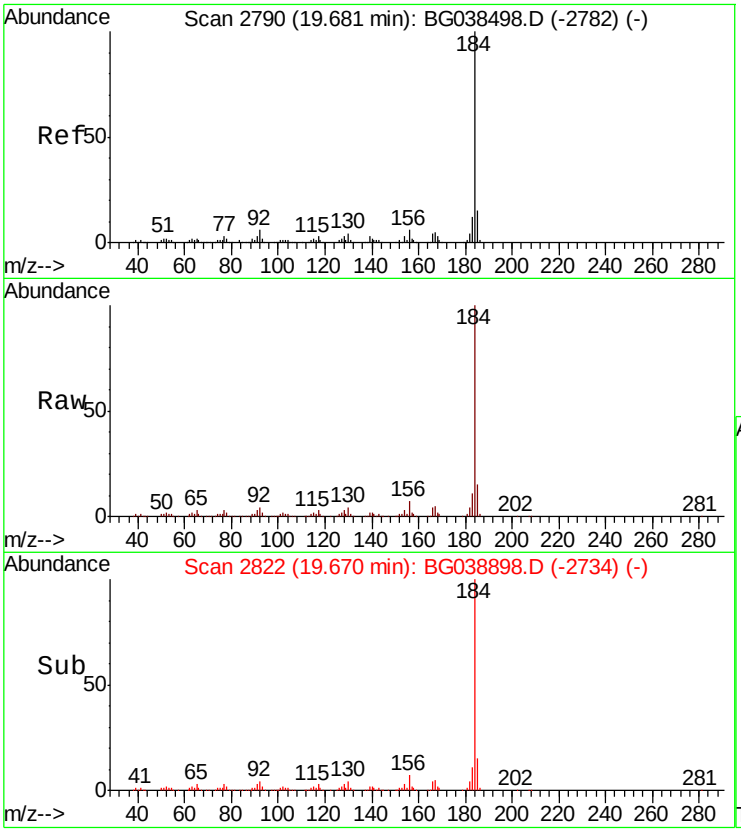




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:240 Resp: 193268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.0 | 5.3 | 7.9 |
| 236 | 25.5 | 21.4 | 32.2 |



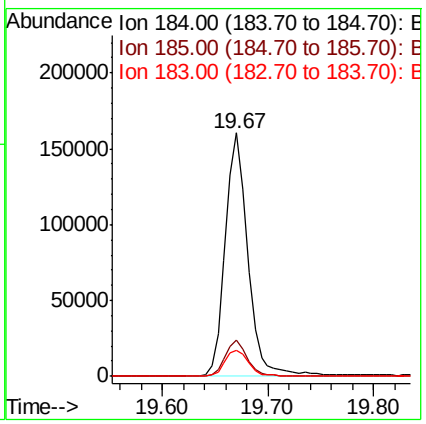


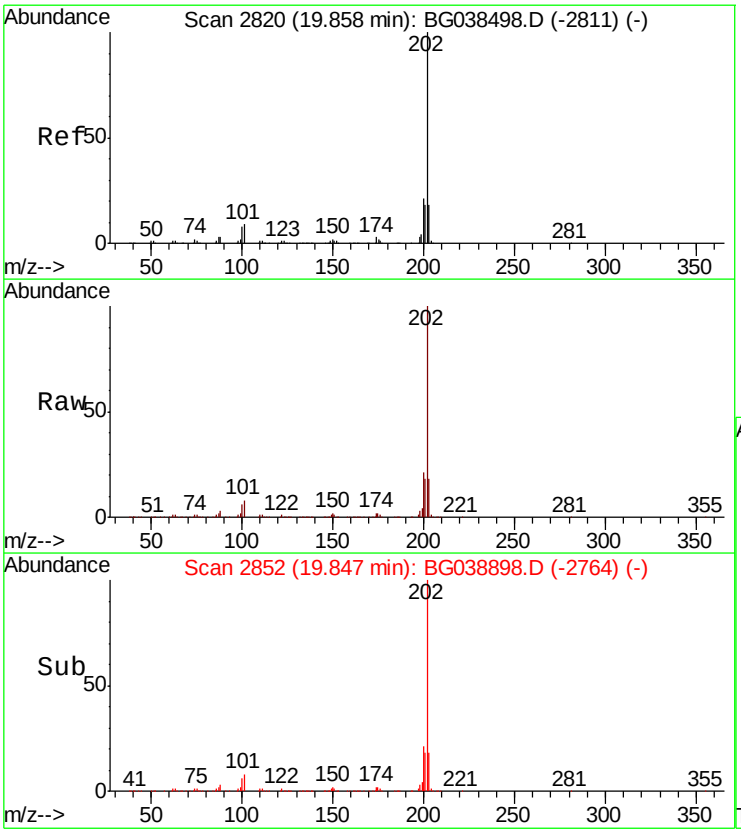

#77
Benzidine
Concen: 41.676 ng
RT: 19.67 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:184 Resp: 238211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.2 | 18.2 |
| 183 | 10.6 | 9.6 | 14.4 |

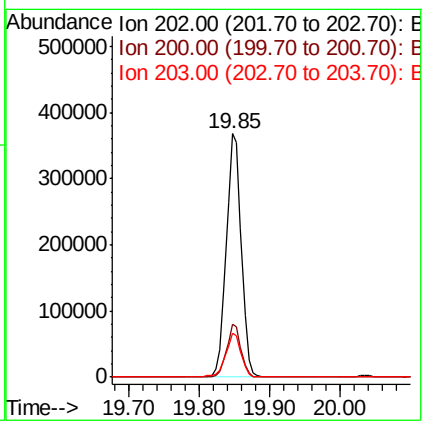


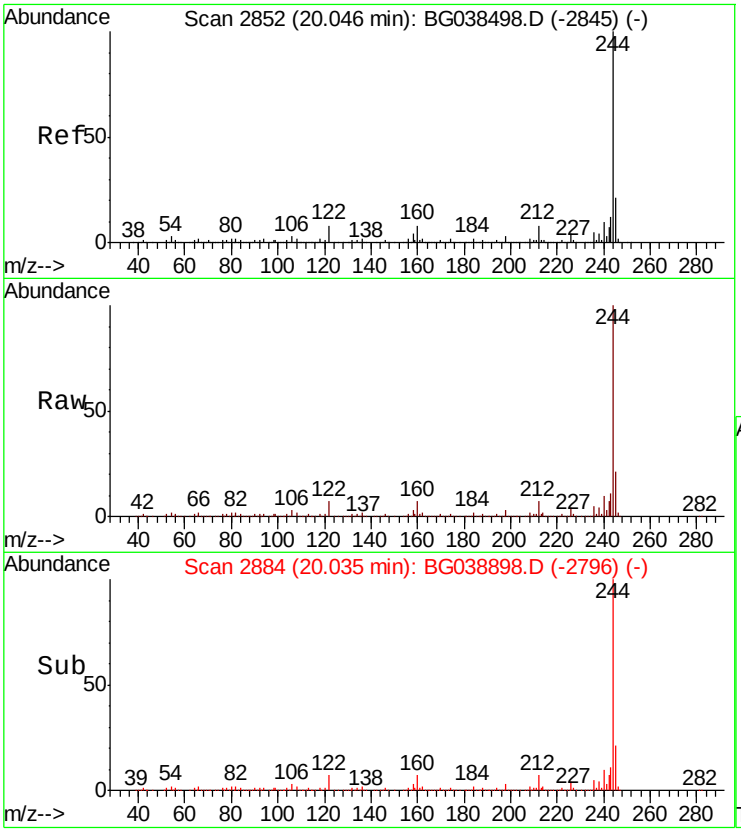




#78
Pyrene
Concen: 42.455 ng
RT: 19.85 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:202 Resp: 542065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 16.6 | 25.0 |
| 203 | 18.3 | 14.6 | 21.8 |



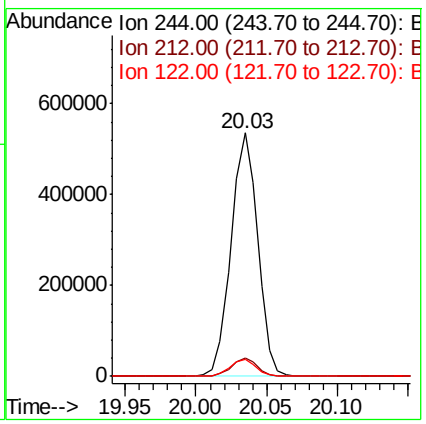


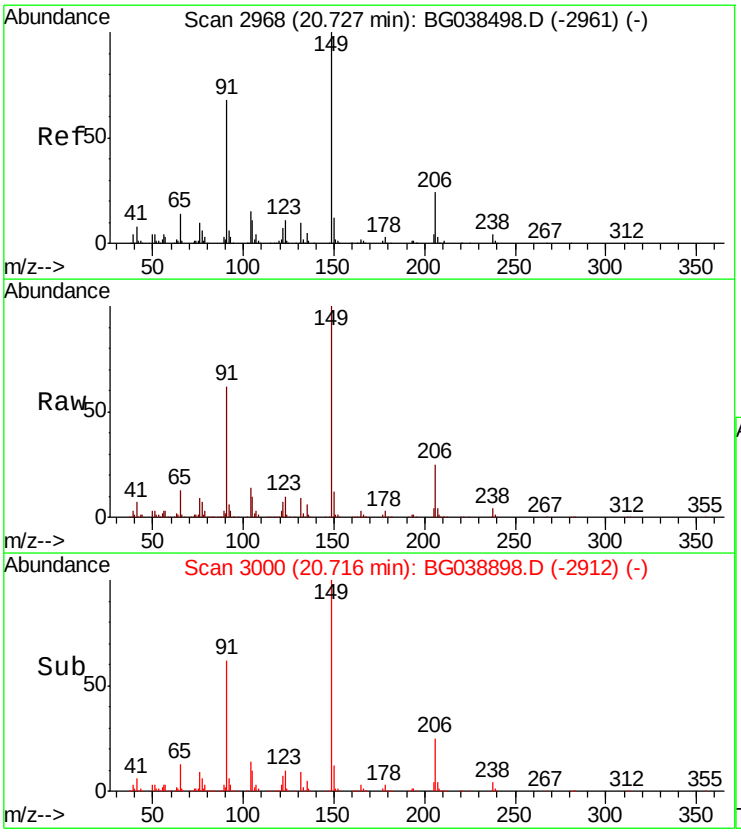

#79
Terphenyl-d14
Concen: 79.341 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:244 Resp: 704583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.2 | 9.2 |
| 122 | 7.0 | 6.3 | 9.5 |

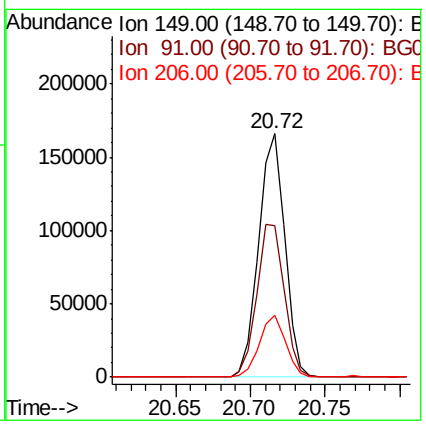


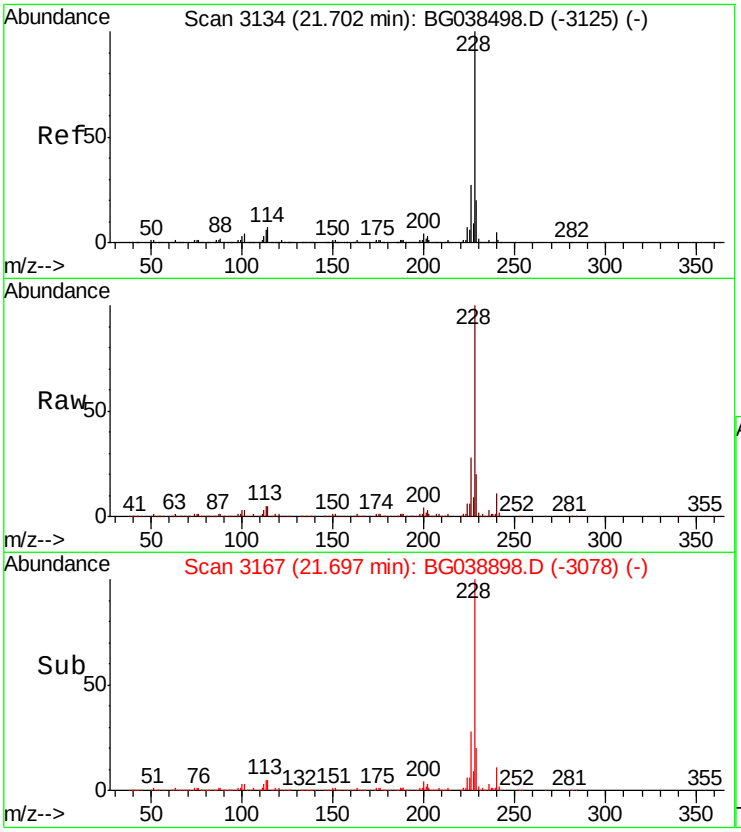




#80
Butylbenzylphthalate
Concen: 40.253 ng
RT: 20.72 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:149 Resp: 200793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.4 | 54.5 | 81.7 |
| 206 | 25.3 | 19.0 | 28.6 |



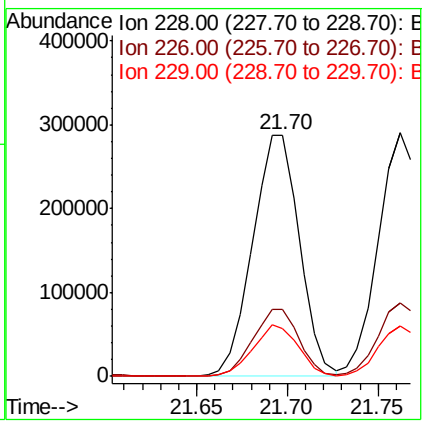


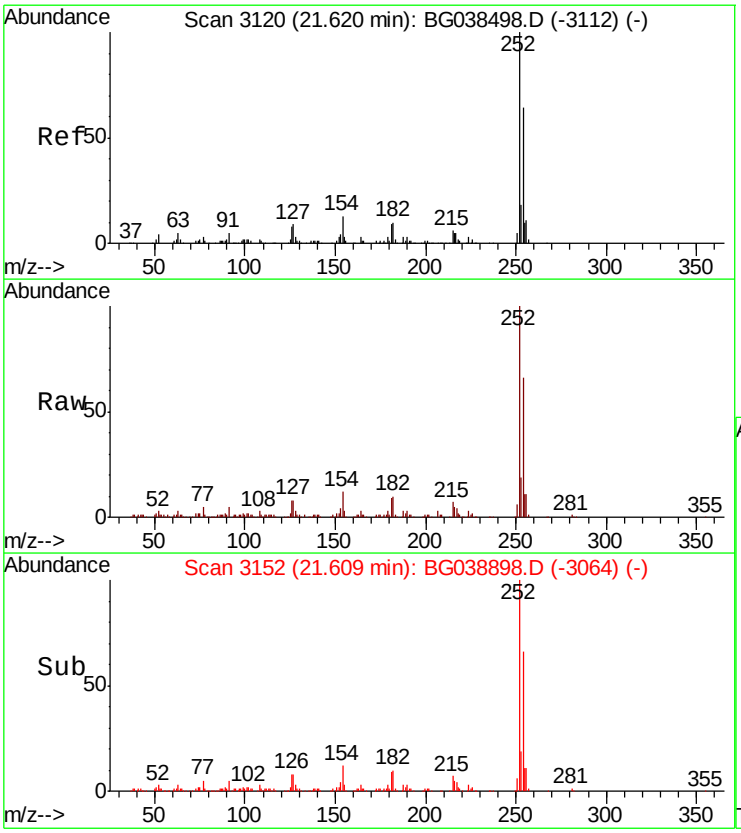

#81
Benzo(a)anthracene
Concen: 43.890 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:228 Resp: 516882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.8 | 32.8 |
| 229 | 19.9 | 15.8 | 23.6 |

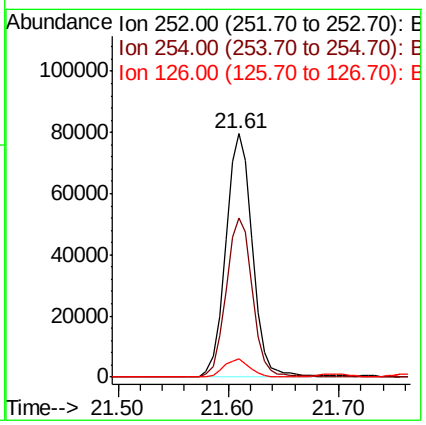


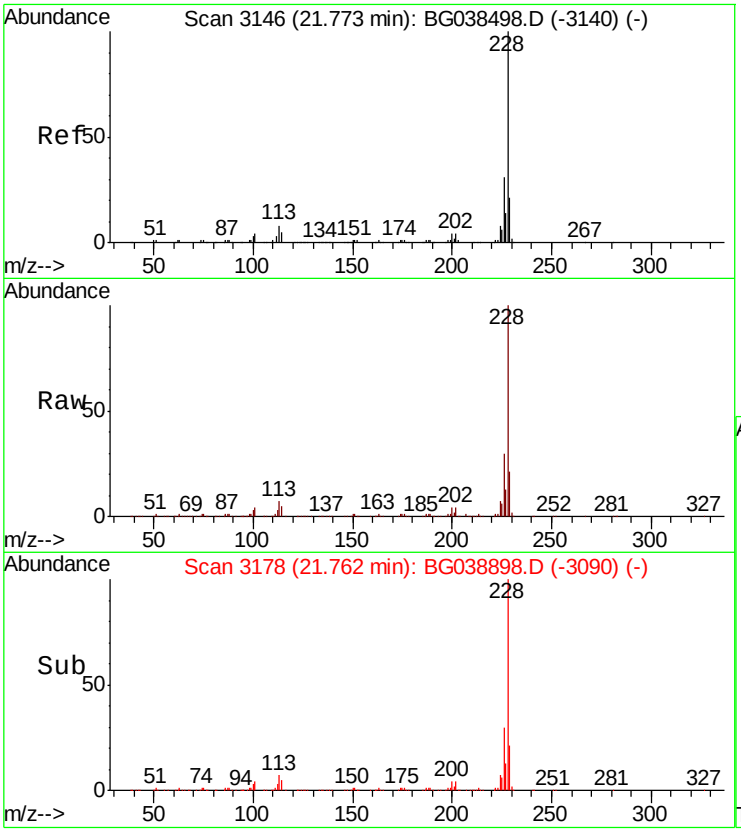




#82
3,3'-Dichlorobenzidine
Concen: 28.777 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:252 Resp: 134411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.6 | 50.9 | 76.3 |
| 126 | 7.6 | 6.3 | 9.5 |



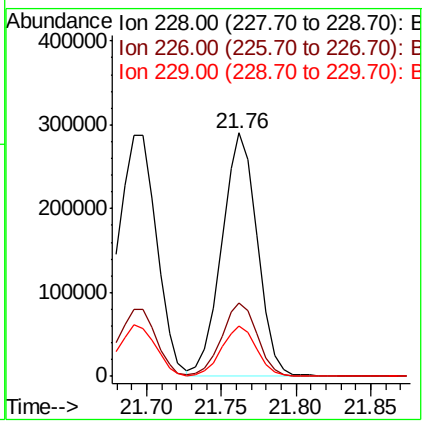


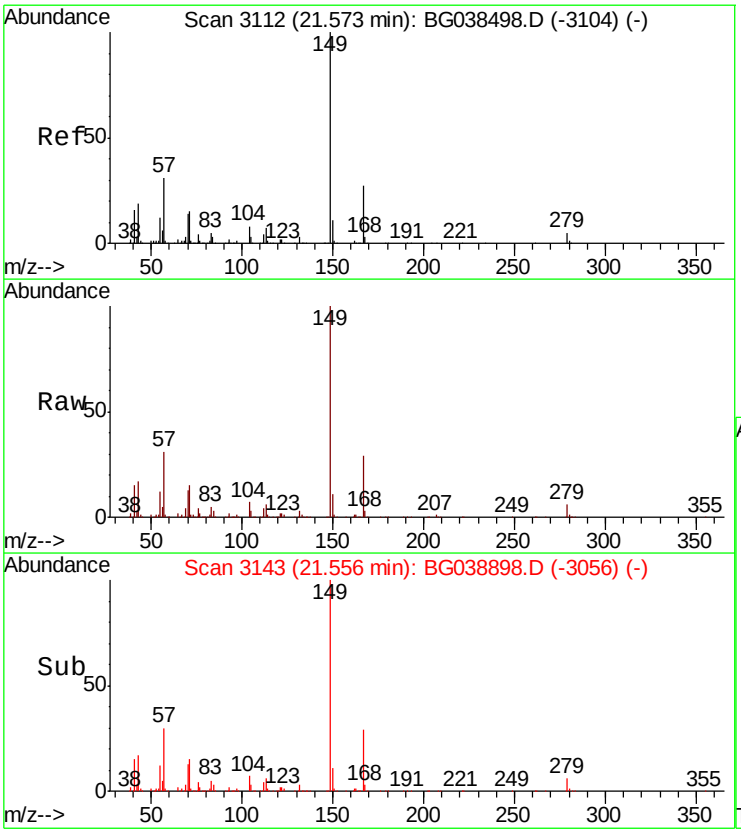

#83
Chrysene
Concen: 42.382 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:228 Resp: 480752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 25.0 | 37.4 |
| 229 | 20.5 | 16.5 | 24.7 |

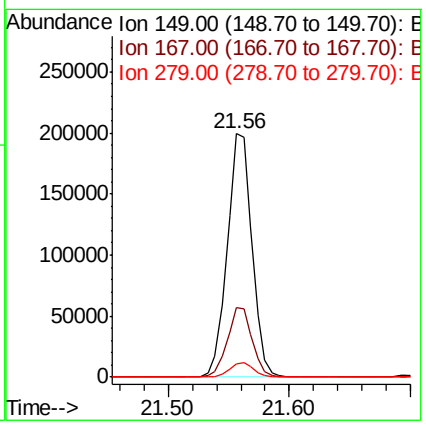


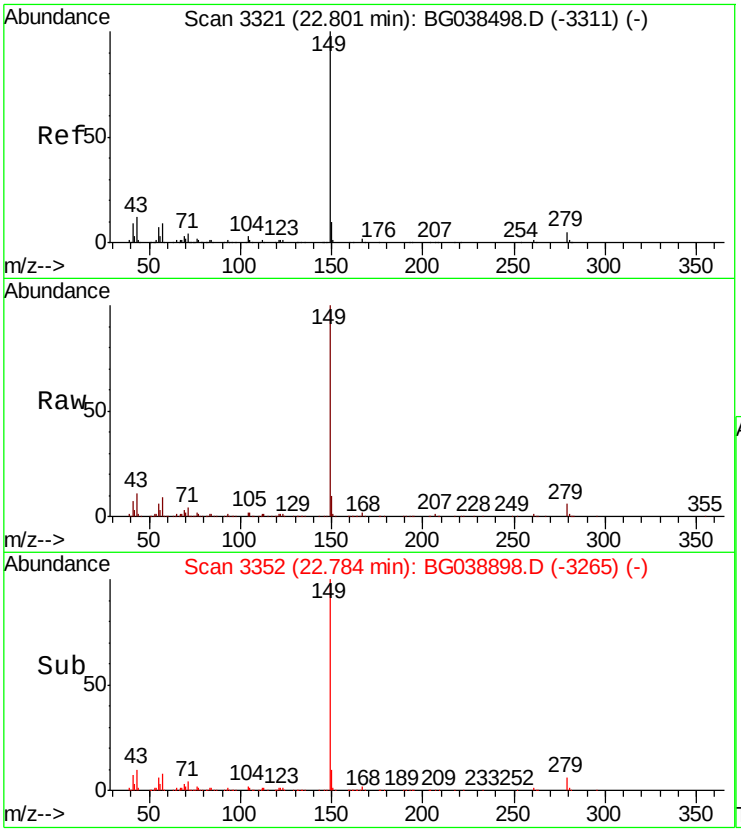




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.088 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:149 Resp: 283613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 21.9 | 32.9 |
| 279 | 5.6 | 4.2 | 6.2 |



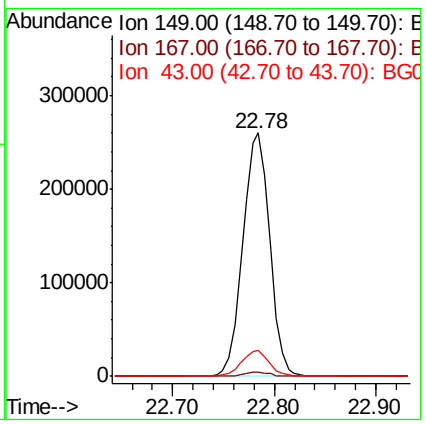


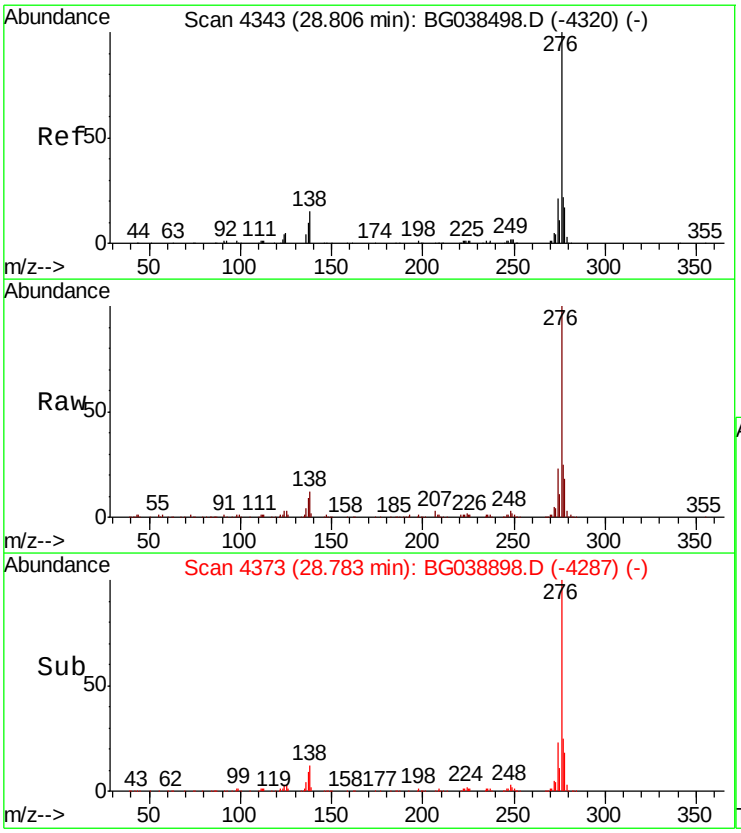

#85
Di-n-octyl phthalate
Concen: 40.104 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:149 Resp: 475165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 10.1 | 9.3 | 13.9 |

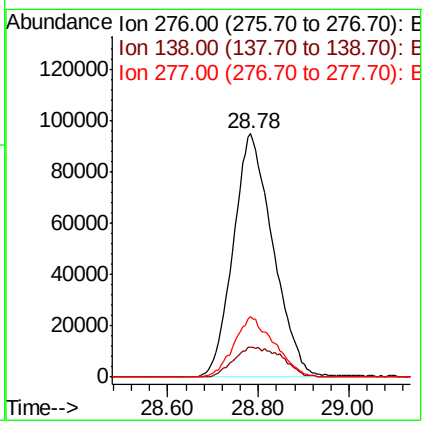


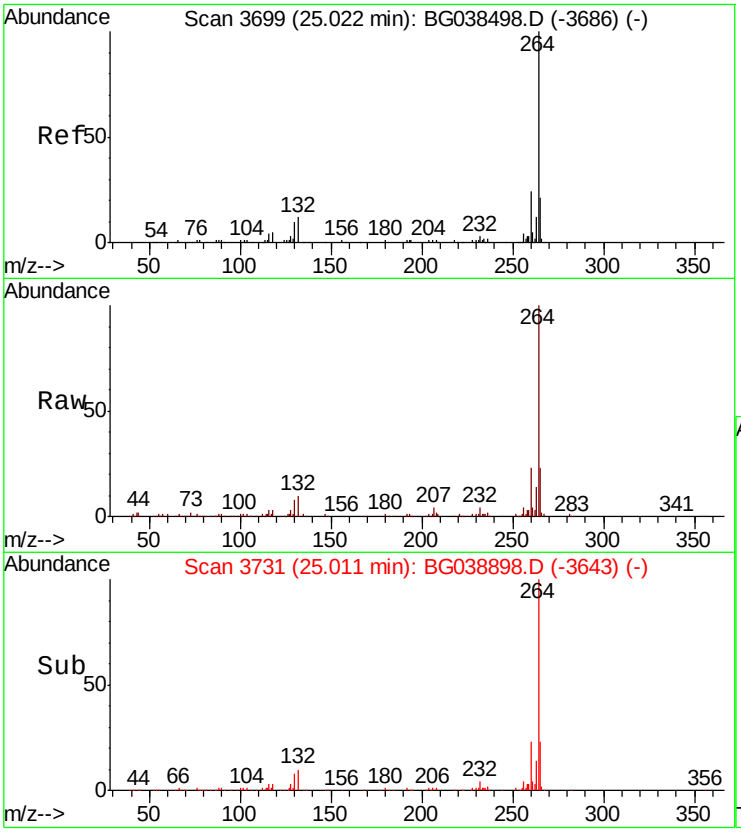




#86
Indeno(1,2,3-cd)pyrene
Concen: 43.289 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:276 Resp: 577297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.1 | 14.4 | 21.6 |
| 277 | 25.3 | 0.0 | 0.0# |



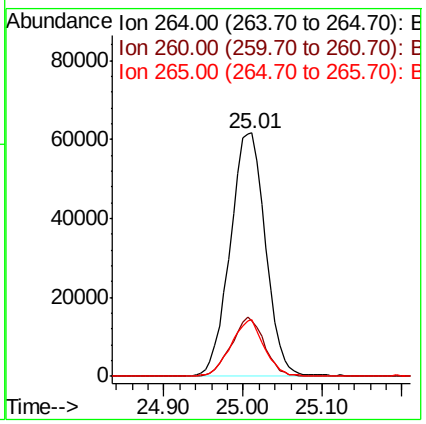


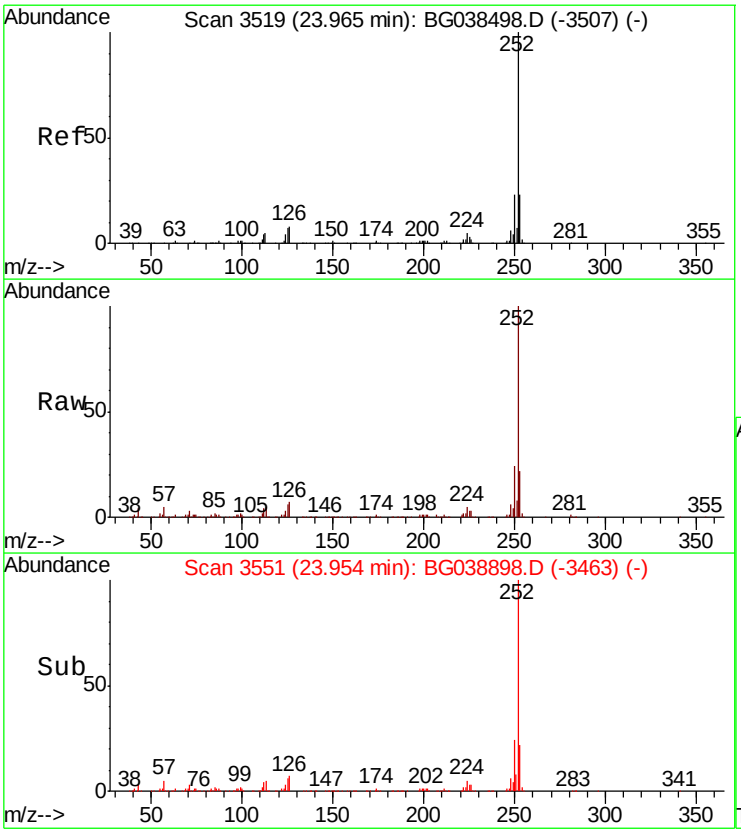

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:264 Resp: 190388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 18.9 | 28.3 |
| 265 | 23.1 | 17.0 | 25.4 |

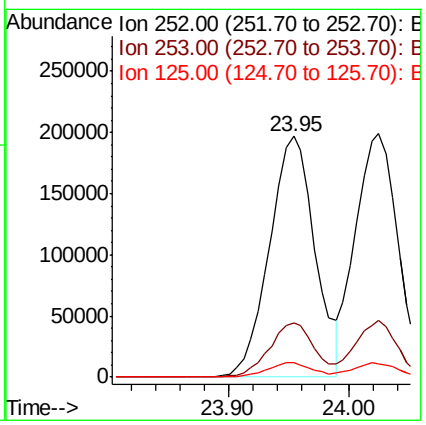


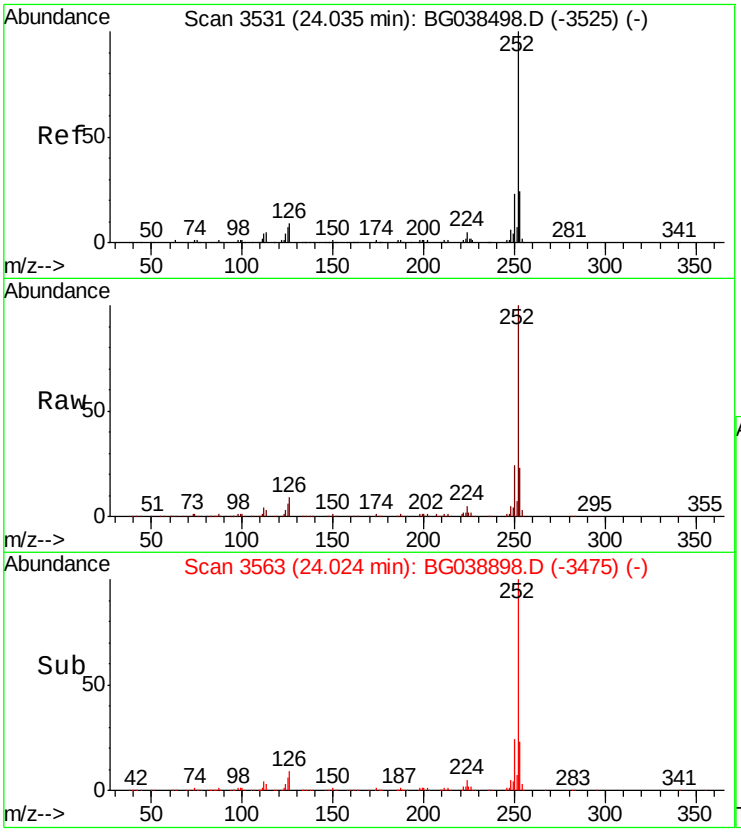




#88
Benzo(b)fluoranthene
Concen: 49.189 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:252 Resp: 514181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.1 | 27.1 |
| 125 | 6.0 | 5.5 | 8.3 |



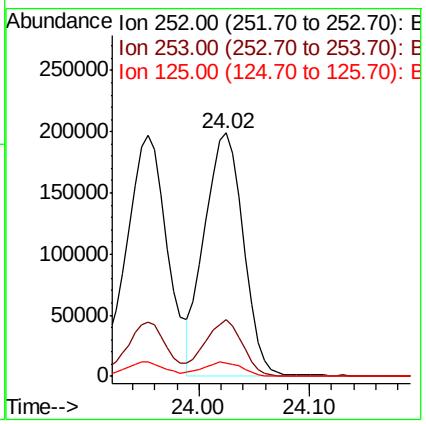


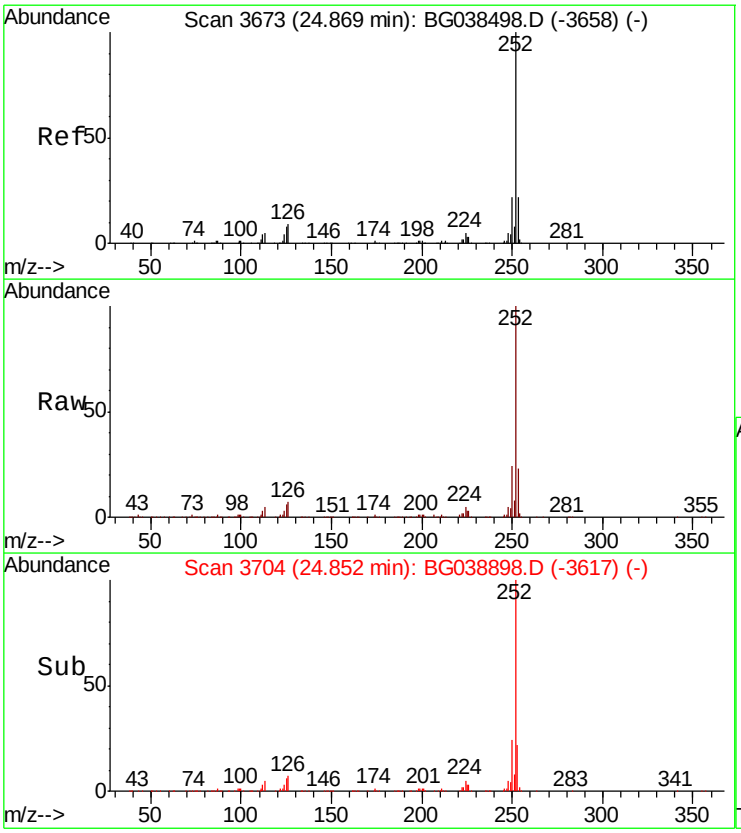

#89
Benzo(k)fluoranthene
Concen: 46.469 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:252 Resp: 483696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.9 | 28.3 |
| 125 | 5.7 | 5.4 | 8.2 |

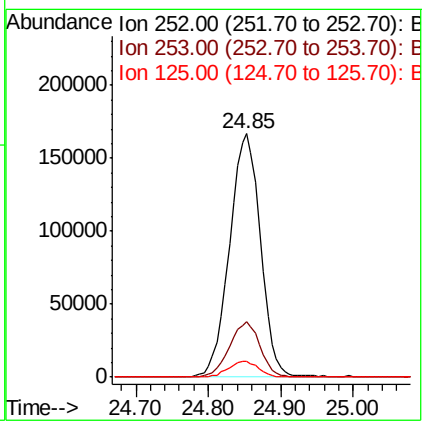


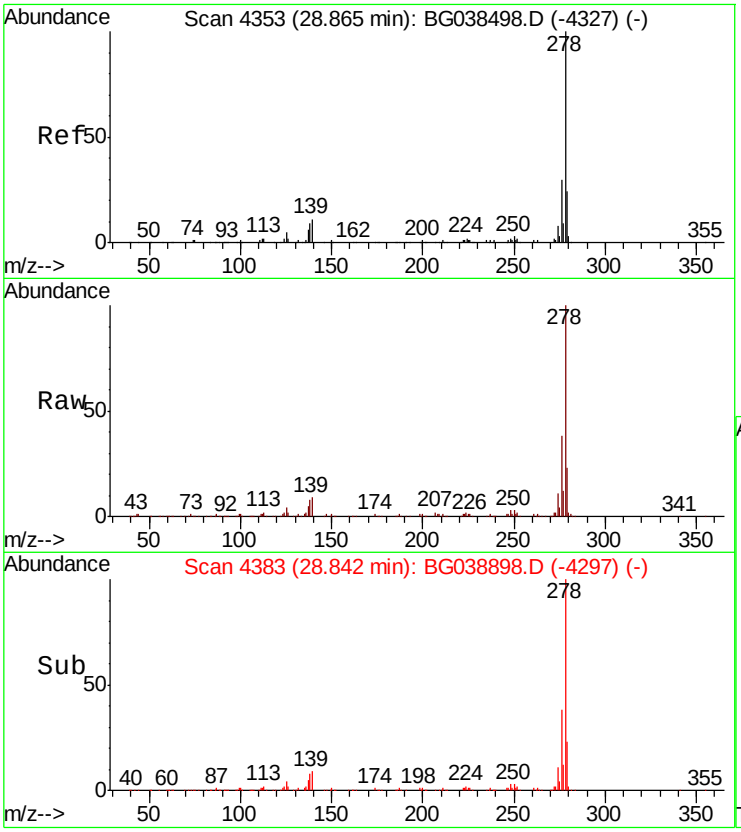




#90
Benzo(a)pyrene
Concen: 48.733 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:252 Resp: 491452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.4 | 26.0 |
| 125 | 6.2 | 6.4 | 9.6# |



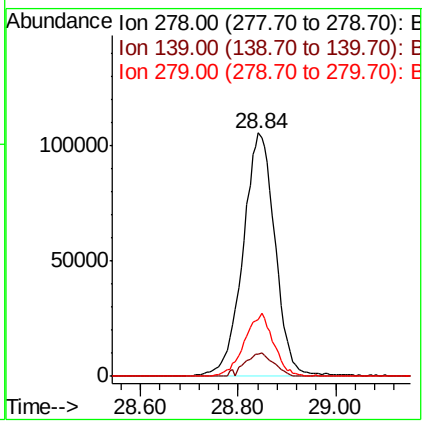


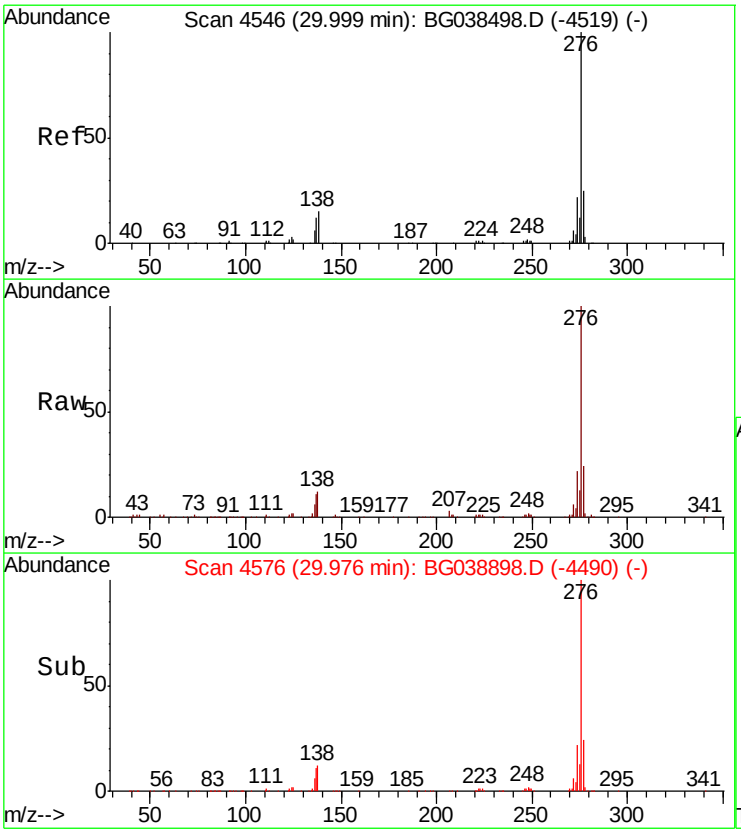

#91
Dibenzo(a,h)anthracene
Concen: 48.114 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

**Instrument :**
BNA_G
**ClientSampleId :**
PB116088BSD

Tgt Ion:278 Resp: 483106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.3 | 8.6 | 12.8 |
| 279 | 23.2 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 48.967 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:276 Resp: 484543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 19.8 | 29.8 |
| 138 | 11.9 | 11.8 | 17.6 |