Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036506.D
Acq On : 31 Aug 2018 15:12
Operator : JU/SJ
Sample : PB112500BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB112500BS

Quant Time: Aug 31 16:16:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 61116 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.87 | 136 | 261199 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.69 | 164 | 173056 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.42 | 188 | 454746 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.70 | 240 | 467356 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.90 | 264 | 488356 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 474168 | 123.07 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 656179 | 118.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 387308 | 80.45 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 281304 | 136.23 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.31 | 172 | 916157 | 75.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.03 | 244 | 1579722 | 79.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 58916 | 32.767 | ng | | 97 |
| 3) Pyridine | 3.92 | 79 | 176981 | 35.067 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 89206 | 39.683 | ng | | 93 |
| 6) Aniline | 7.38 | 93 | 204276 | 29.175 | ng | | 96 |
| 8) 2-Chlorophenol | 7.62 | 128 | 190757 | 45.657 | ng | | 97 |
| 9) Benzaldehyde | 7.20 | 77 | 105355 | 27.735 | ng | | 94 |
| 10) Phenol | 7.24 | 94 | 265643 | 46.018 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 178884 | 39.088 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 189548 | 39.731 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 192178 | 39.898 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 183840 | 39.965 | ng | | 97 |
| 15) Benzyl Alcohol | 8.29 | 79 | 185343 | 41.680 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 324856 | 35.198 | ng | | 97 |
| 17) 2-Methylphenol | 8.49 | 107 | 177344 | 46.267 | ng | | 98 |
| 18) Hexachloroethane | 9.15 | 117 | 69048 | 39.983 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 153641 | 37.268 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 249191 | 46.565 | ng | | 98 |
| 22) Acetophenone | 8.88 | 105 | 286164 | 41.721 | ng | # | 98 |
| 24) Nitrobenzene | 9.26 | 77 | 223176 | 42.991 | ng | | 95 |
| 25) Isophorone | 9.79 | 82 | 427861 | 44.739 | ng | | 98 |
| 26) 2-Nitrophenol | 9.97 | 139 | 102258 | 49.710 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 197404 | 51.832 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93 | 252784 | 43.068 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 210002 | 50.313 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 207539 | 42.504 | ng | | 98 |
| 31) Naphthalene | 10.91 | 128 | 582653 | 44.623 | ng | | 99 |
| 32) Benzoic acid | 10.15 | 122 | 97876 | 35.908 | ng | | 93 |
| 33) 4-Chloroaniline | 11.02 | 127 | 124177 | 20.754 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.20 | 225 | 138436 | 42.197 | ng | | 98 |
| 35) Caprolactam | 11.79 | 113 | 78288 | 47.084 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 228957 | 47.208 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 453038 | 47.419 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 262640 | 42.885 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.87 | 237 | 321486 | 100.892 | ng | | 97 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036506.D
Acq On : 31 Aug 2018 15:12
Operator : JU/SJ
Sample : PB112500BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB112500BS

Quant Time: Aug 31 16:16:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.12 | 196 | 181254 | 48.586 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.19 | 196 | 201428 | 50.622 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.52 | 154 | 594007 | 41.351 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.56 | 162 | 456303 | 41.609 | ng | | 99 |
| 47) 2-Nitroaniline | 13.76 | 65 | 167317 | 48.587 | ng | | 98 |
| 48) Acenaphthylene | 14.41 | 152 | 776151 | 45.286 | ng | | 99 |
| 49) Dimethylphthalate | 14.14 | 163 | 632925 | 44.790 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 139768 | 48.067 | ng | | 97 |
| 51) Acenaphthene | 14.75 | 154 | 484979 | 44.184 | ng | | 99 |
| 52) 3-Nitroaniline | 14.58 | 138 | 104108 | 33.224 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 14.79 | 184 | 55901 | 50.755 | ng | | 92 |
| 54) Dibenzofuran | 15.08 | 168 | 742115 | 43.155 | ng | | 99 |
| 55) 4-Nitrophenol | 14.89 | 139 | 226795 | 88.521 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 15.04 | 165 | 198016 | 52.251 | ng | | 90 |
| 57) Fluorene | 15.73 | 166 | 599335 | 46.621 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 200790 | 53.708 | ng | | 94 |
| 59) Diethylphthalate | 15.50 | 149 | 625396 | 43.915 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204 | 348647 | 43.920 | ng | | 97 |
| 61) 4-Nitroaniline | 15.75 | 138 | 158277 | 48.270 | ng | | 95 |
| 62) Azobenzene | 16.01 | 77 | 600232 | 41.424 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 67226 | 33.653 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 15.94 | 169 | 559952 | 41.441 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.61 | 248 | 232201 | 43.613 | ng | | 99 |
| 67) Hexachlorobenzene | 16.73 | 284 | 235589 | 43.274 | ng | | 96 |
| 68) Atrazine | 16.88 | 200 | 233875 | 46.113 | ng | | 100 |
| 69) Pentachlorophenol | 17.07 | 266 | 255800 | 69.135 | ng | | 98 |
| 70) Phenanthrene | 17.47 | 178 | 1026195 | 44.411 | ng | | 97 |
| 71) Anthracene | 17.56 | 178 | 1050371 | 45.602 | ng | | 98 |
| 72) Carbazole | 17.83 | 167 | 944644 | 41.065 | ng | | 100 |
| 73) Di-n-butylphthalate | 18.39 | 149 | 1068421 | 41.710 | ng | | 99 |
| 74) Fluoranthene | 19.48 | 202 | 1283688 | 45.566 | ng | | 99 |
| 76) Benzidine | 19.65 | 184 | 518552 | 34.777 | ng | | 99 |
| 77) Pyrene | 19.83 | 202 | 1269732 | 44.181 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.72 | 149 | 504717 | 44.128 | ng | | 95 |
| 80) Benzo(a)anthracene | 21.67 | 228 | 1263367 | 44.621 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.58 | 252 | 292614 | 25.932 | ng | | 99 |
| 82) Chrysene | 21.74 | 228 | 1176669 | 43.845 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 689662 | 43.090 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.80 | 149 | 1169436 | 43.744 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.55 | 276 | 1433937 | 46.002 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 23.89 | 252 | 1300974 | 47.974 | ng | | 96 |
| 88) Benzo(k)fluoranthene | 23.95 | 252 | 1192700 | 45.019 | ng | | 99 |
| 89) Benzo(a)pyrene | 24.75 | 252 | 1236935 | 47.467 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 28.62 | 278 | 1162775 | 46.220 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 29.70 | 276 | 1150132 | 45.494 | ng | | 97 |

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

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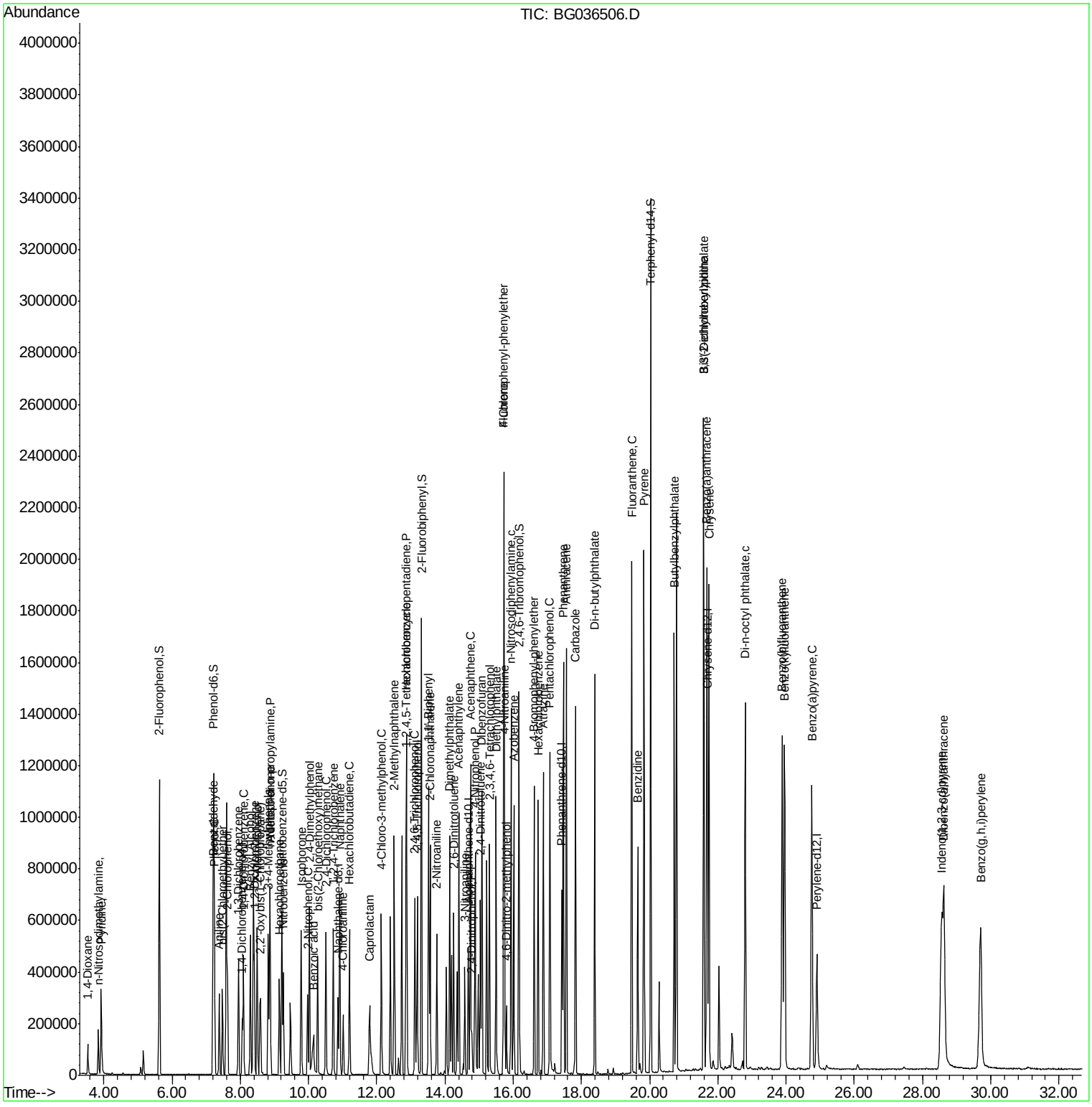
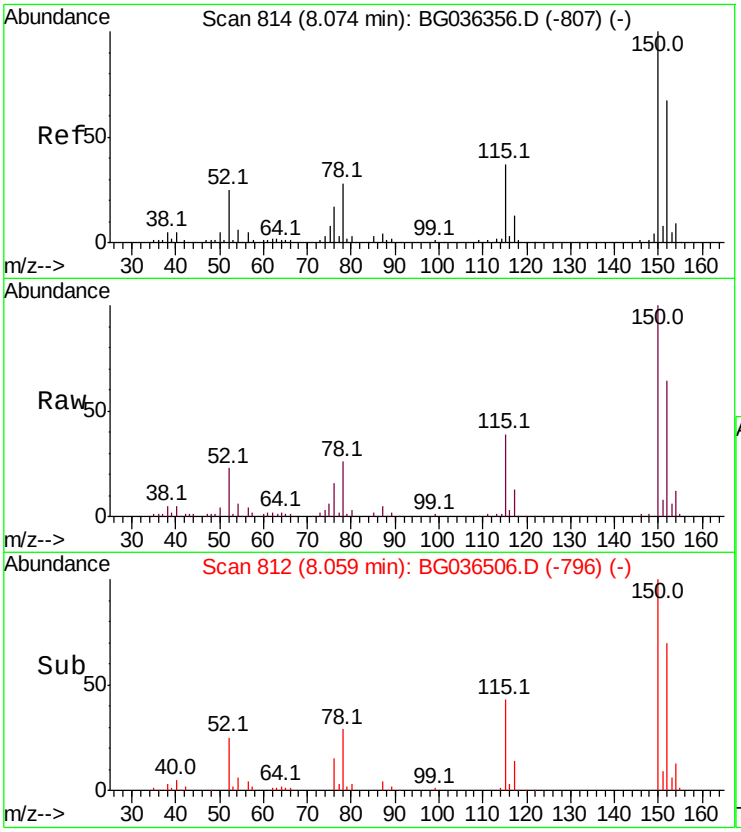
Data File : BG036506.D
Acq On : 31 Aug 2018 15:12
Operator : JU/SJ
Sample : PB112500BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Quant Time: Aug 31 16:16:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



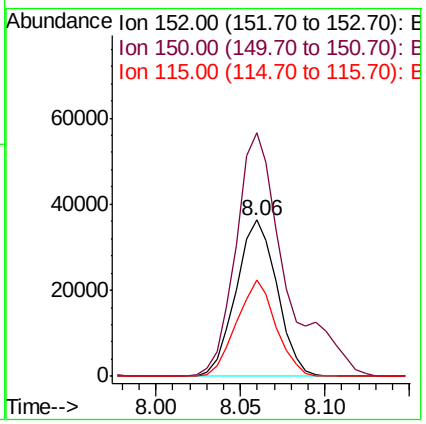


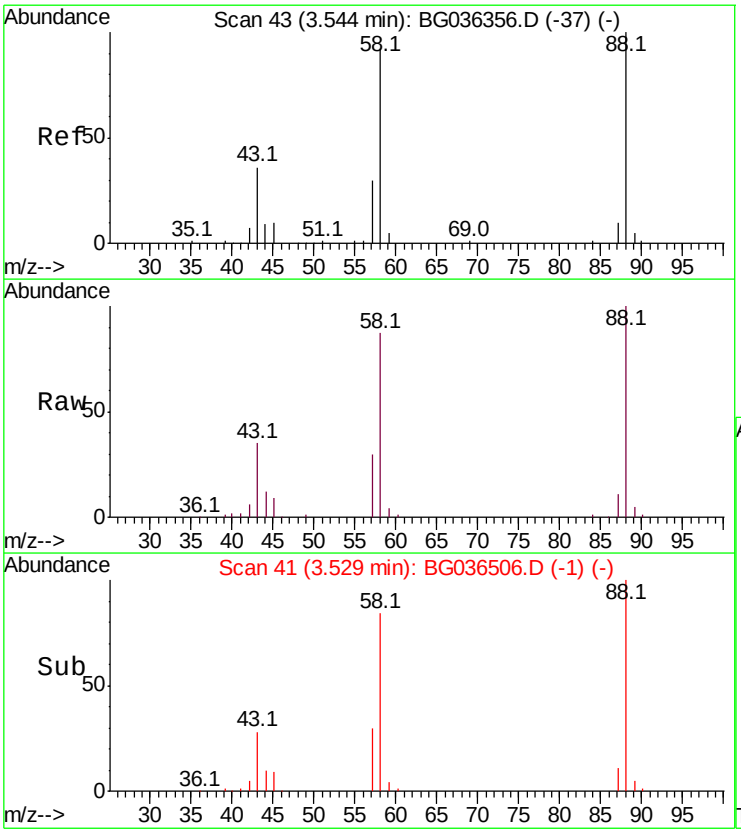

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:152 Resp: 61116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 119.5 | 179.3 |
| 115 | 61.4 | 44.5 | 66.7 |

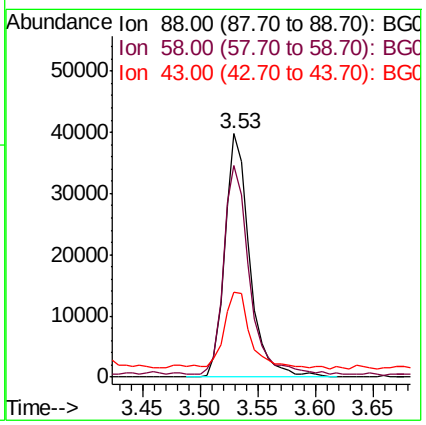


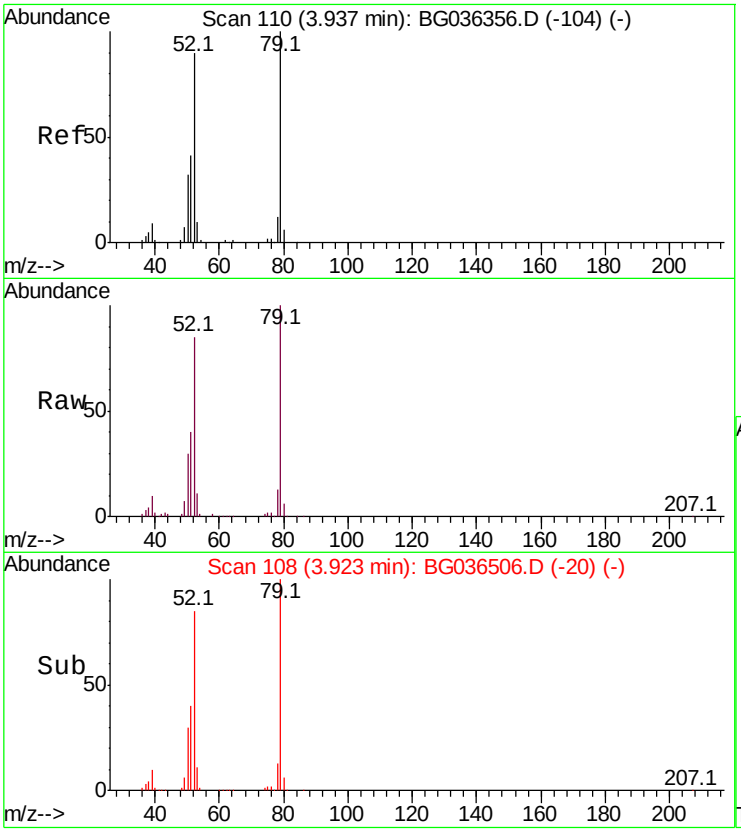




#2
1,4-Dioxane
Concen: 32.767 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 88 Resp: 58916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 89.1 | 72.6 | 109.0 |
| 43 | 32.4 | 29.0 | 43.4 |



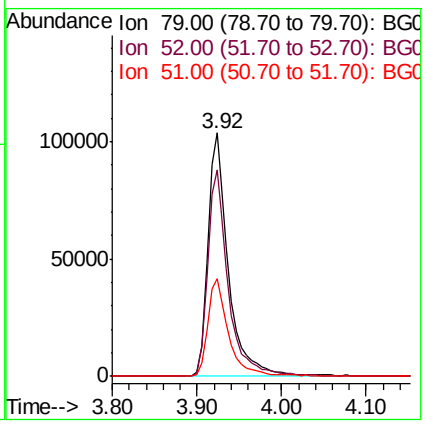


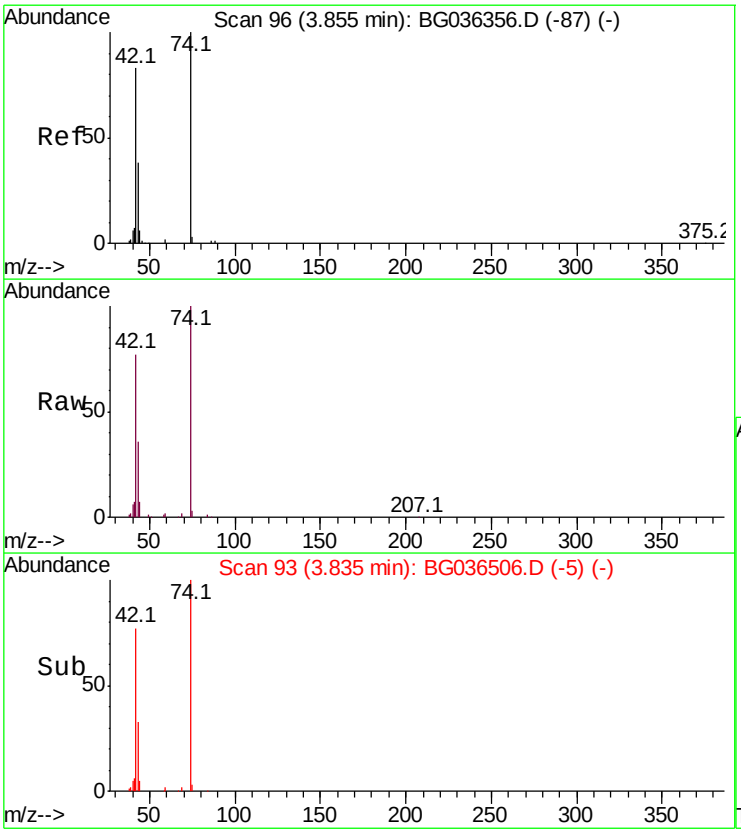

#3
Pyridine
Concen: 35.067 ng
RT: 3.92 min Scan# 108
Delta R.T. -0.01 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 79 Resp: 176981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.9 | 72.3 | 108.5 |
| 51 | 40.0 | 33.8 | 50.6 |

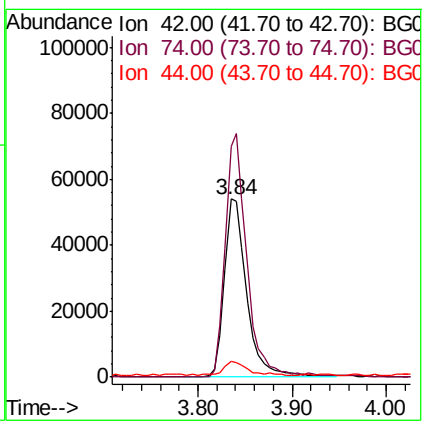


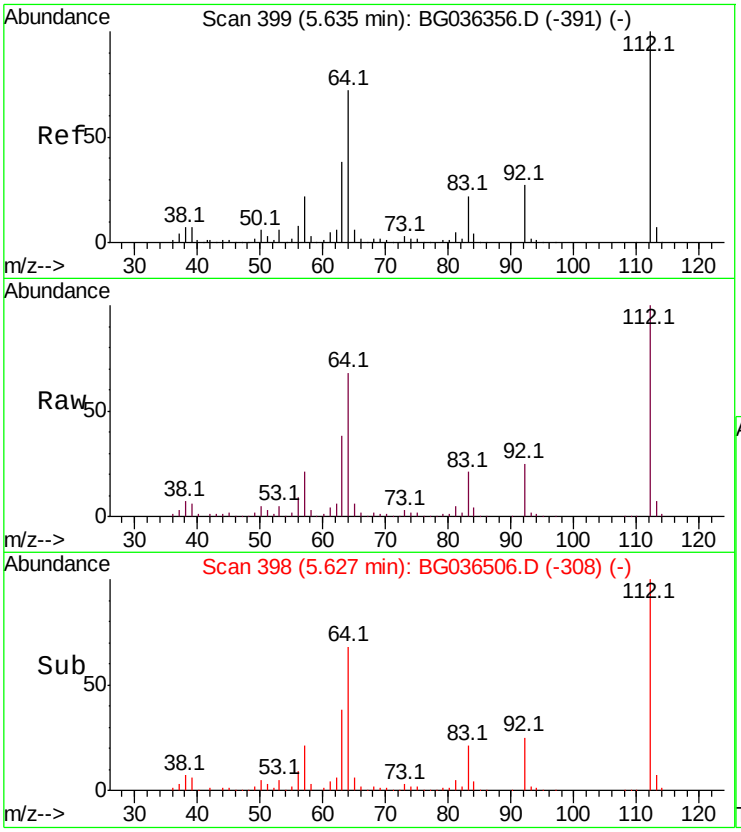




#4
n-Nitrosodimethylamine
Concen: 39.683 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.01 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 42 Resp: 89206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.6 | 96.6 | 145.0 |
| 44 | 9.1 | 7.0 | 10.4 |



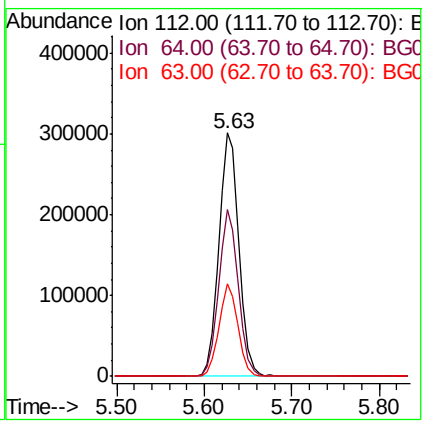


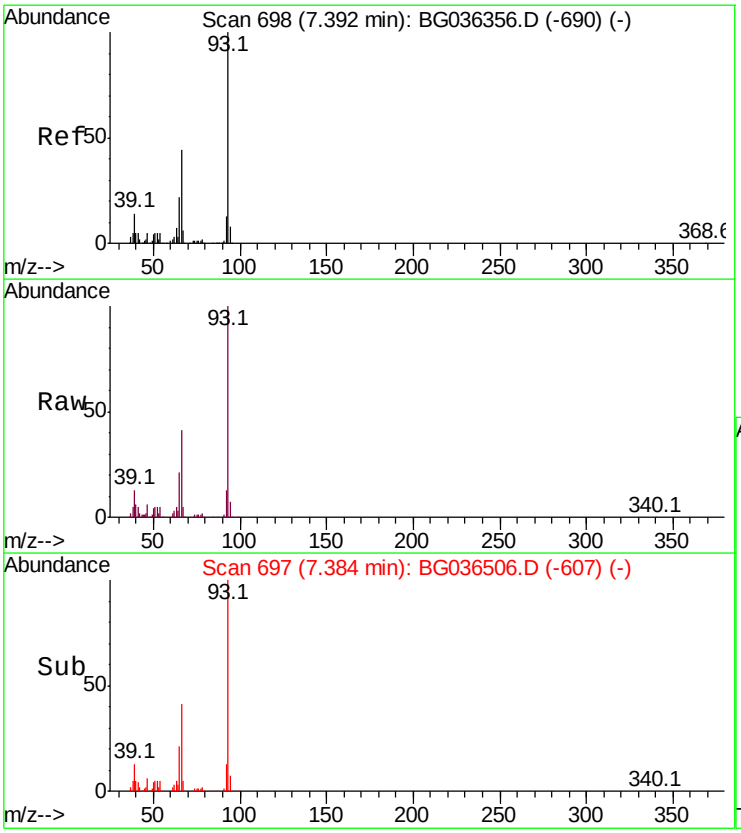

#5
2-Fluorophenol
Concen: 123.073 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:112 Resp: 474168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.4 | 57.2 | 85.8 |
| 63 | 37.8 | 30.8 | 46.2 |

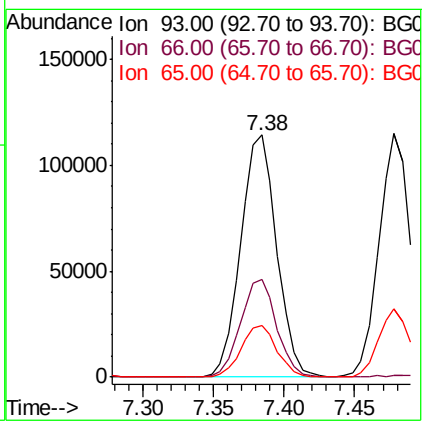


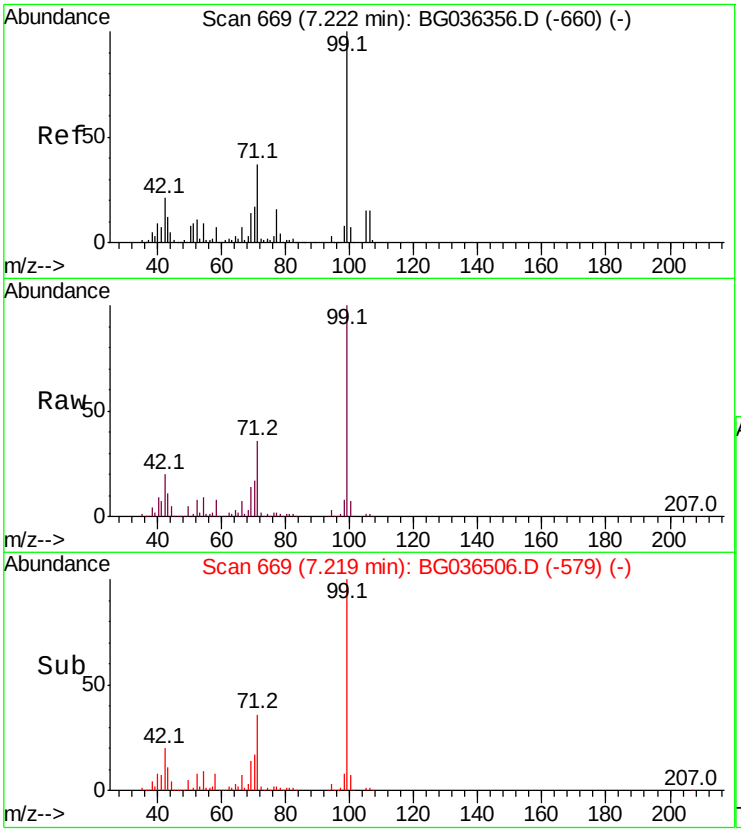




#6
Aniline
Concen: 29.175 ng
RT: 7.38 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 93 Resp: 204276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.6 | 35.0 | 52.4 |
| 65 | 21.2 | 17.6 | 26.4 |



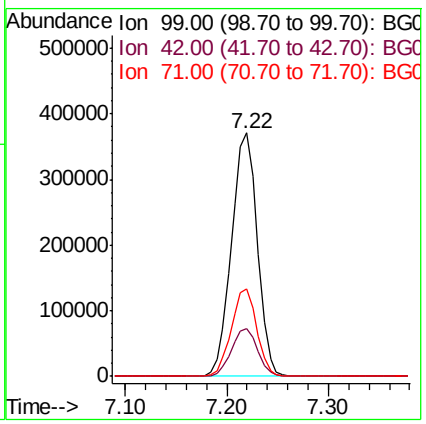


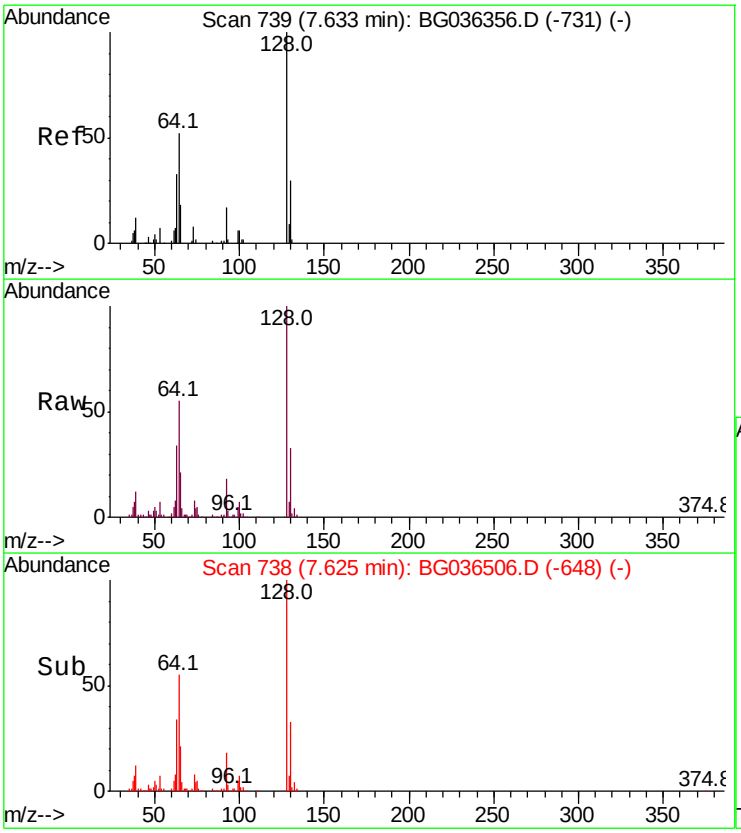

#7
Phenol-d6
Concen: 118.955 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 99 Resp: 656179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 16.5 | 24.7 |
| 71 | 36.1 | 29.4 | 44.2 |

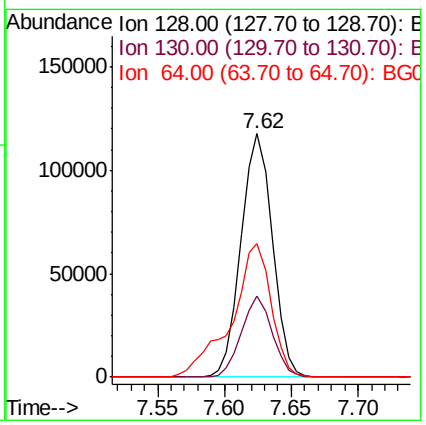


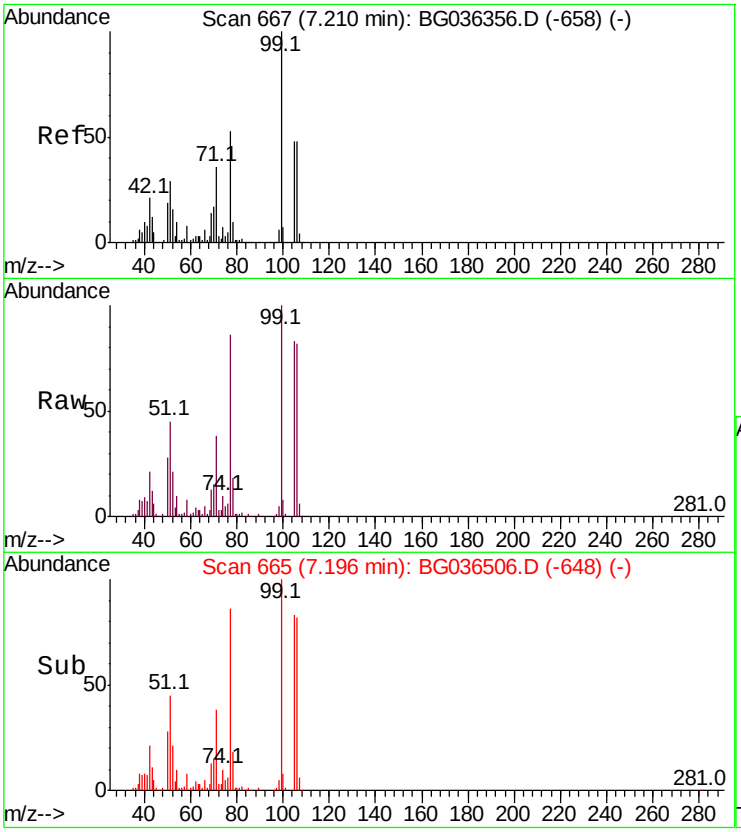




#8
2-Chlorophenol
Concen: 45.657 ng
RT: 7.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:128 Resp: 190757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.4 | 10.0 | 50.0 |
| 64 | 54.6 | 36.0 | 76.0 |



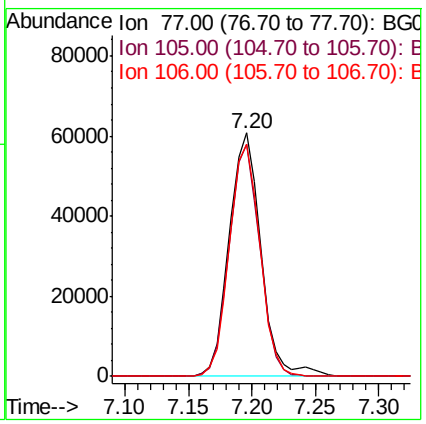


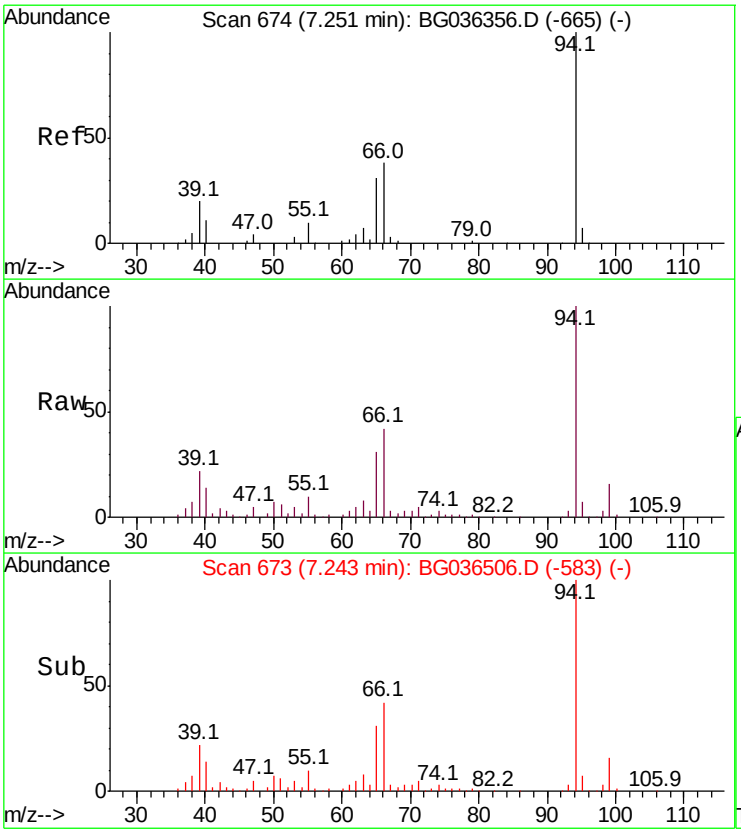

#9
Benzaldehyde
Concen: 27.735 ng
RT: 7.20 min Scan# 665
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 77 Resp: 105355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.5 | 70.5 | 110.5 |
| 106 | 95.3 | 69.8 | 109.8 |

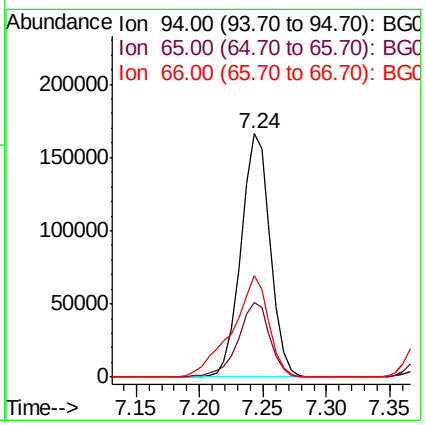


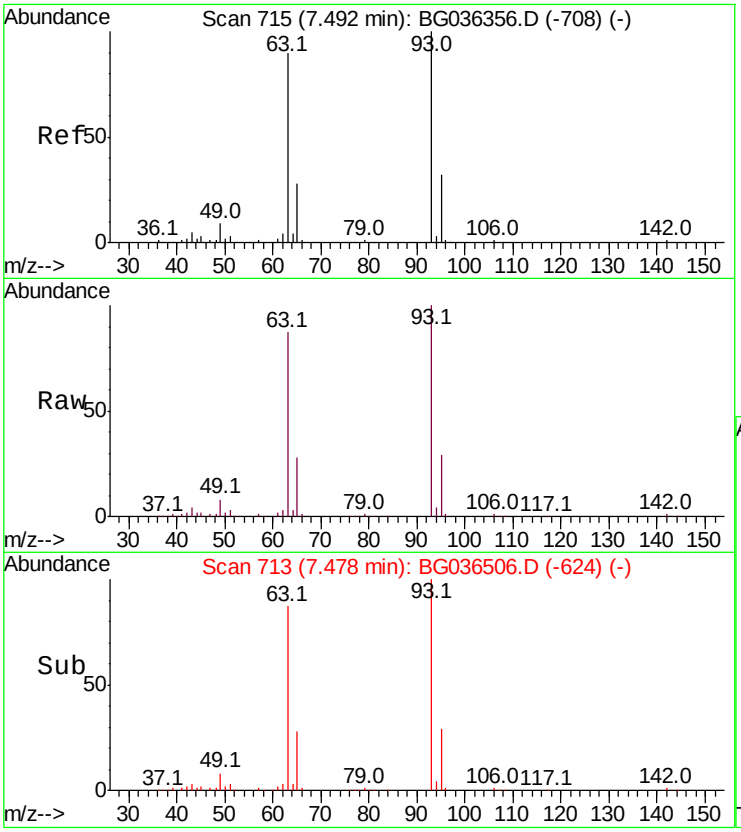




#10
Phenol
Concen: 46.018 ng
RT: 7.24 min Scan# 673
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 94 Resp: 265643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.9 | 11.5 | 51.5 |
| 66 | 41.5 | 19.5 | 59.5 |



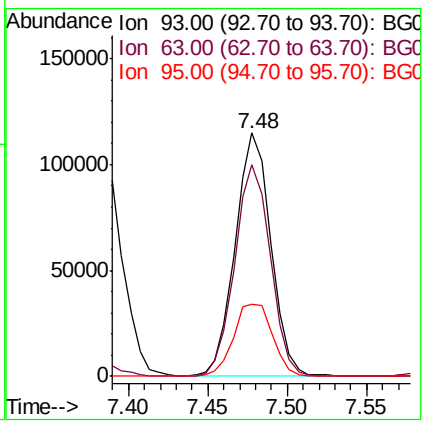


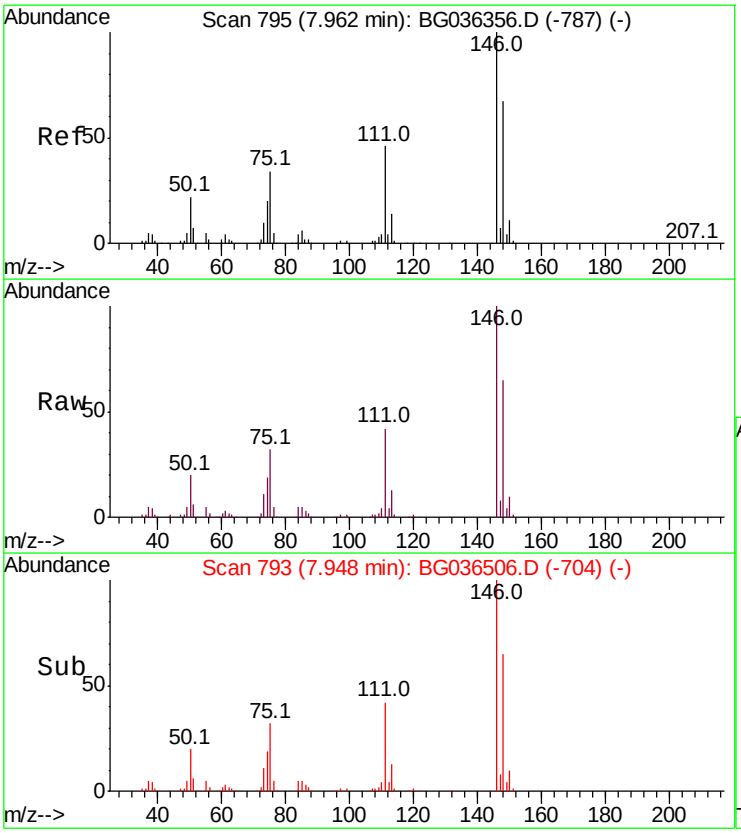

#11
bis(2-Chloroethyl)ether
Concen: 39.088 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 93 Resp: 178884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 87.0 | 69.9 | 109.9 |
| 95 | 29.4 | 11.7 | 51.7 |

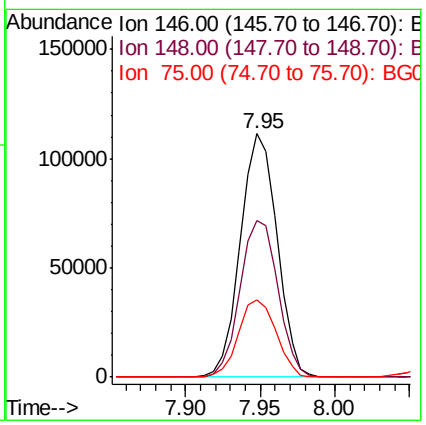


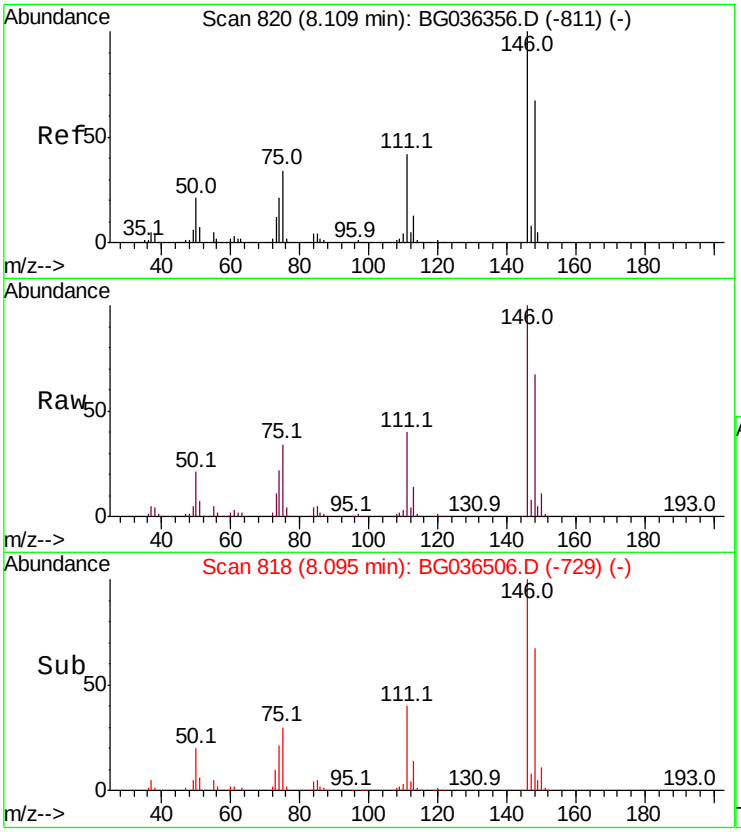




#12
1,3-Dichlorobenzene
Concen: 39.731 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:146 Resp: 189548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 53.8 | 80.6 |
| 75 | 31.8 | 27.2 | 40.8 |



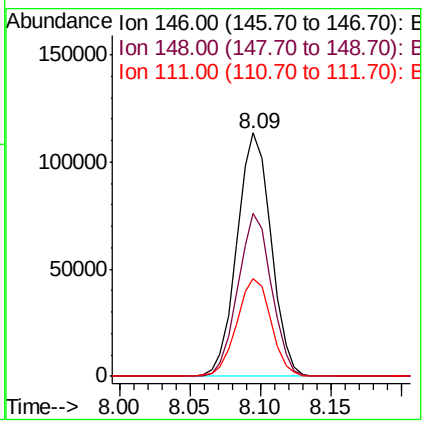


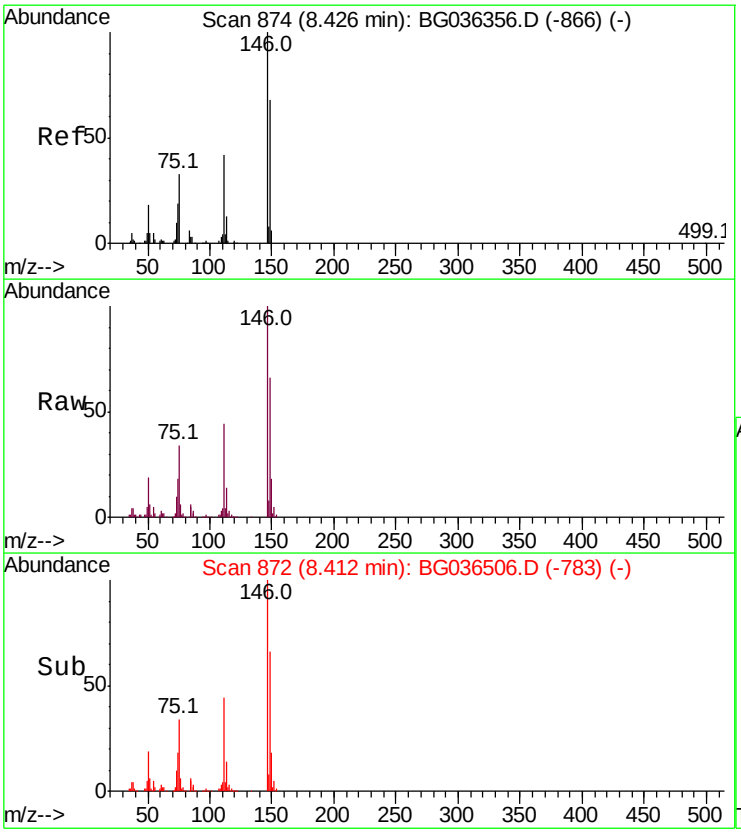

#13
1,4-Dichlorobenzene
Concen: 39.898 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:146 Resp: 192178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.1 | 53.9 | 80.9 |
| 111 | 40.3 | 33.8 | 50.6 |

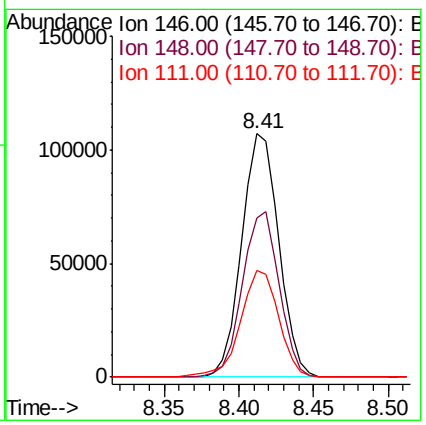


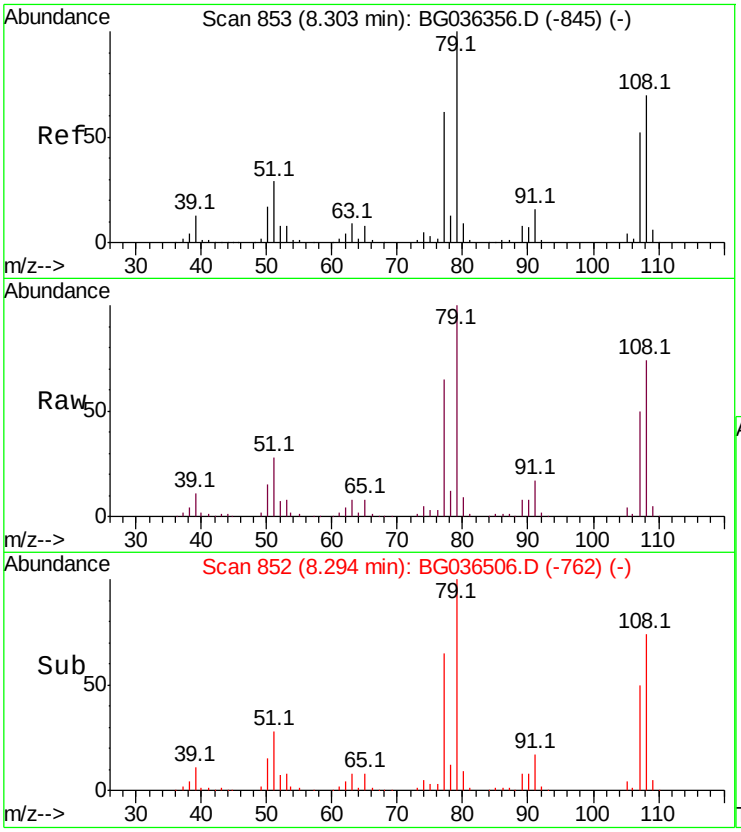




#14
1,2-Dichlorobenzene
Concen: 39.965 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:146 Resp: 183840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 55.0 | 82.6 |
| 111 | 43.8 | 34.6 | 51.8 |



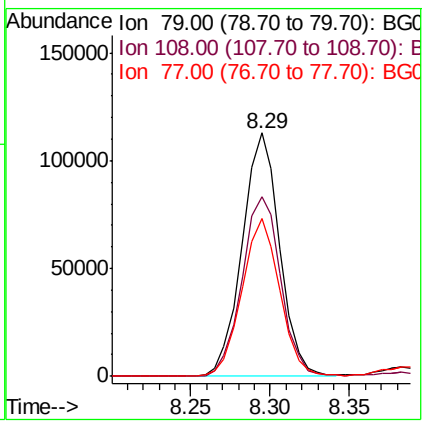


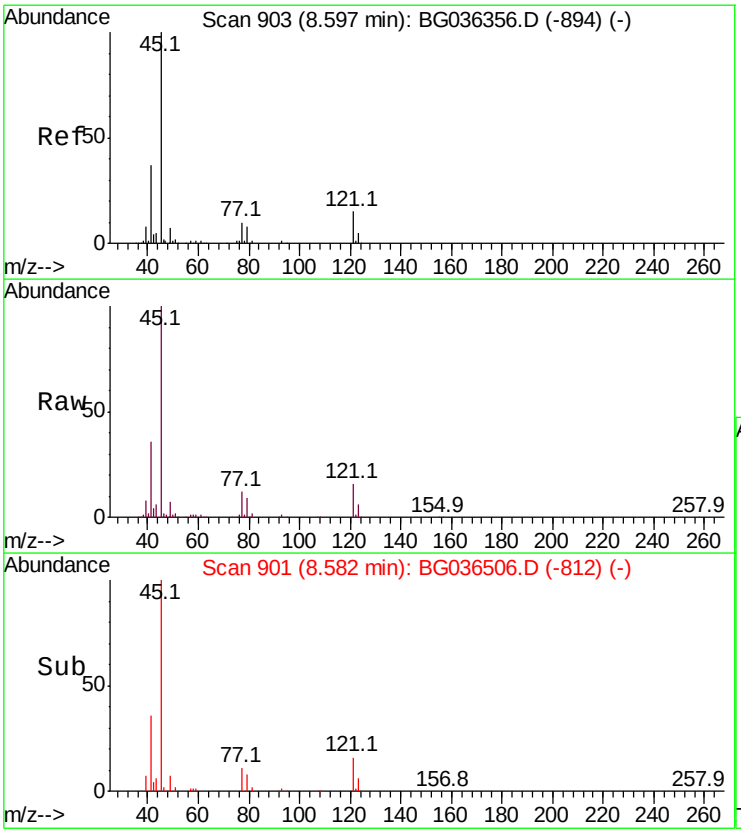

#15
Benzyl Alcohol
Concen: 41.680 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 79 Resp: 185343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.9 | 55.9 | 83.9 |
| 77 | 65.1 | 50.0 | 75.0 |

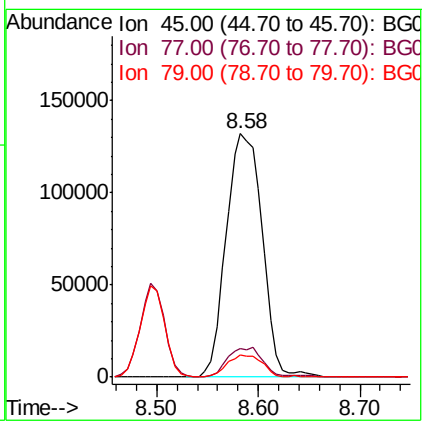


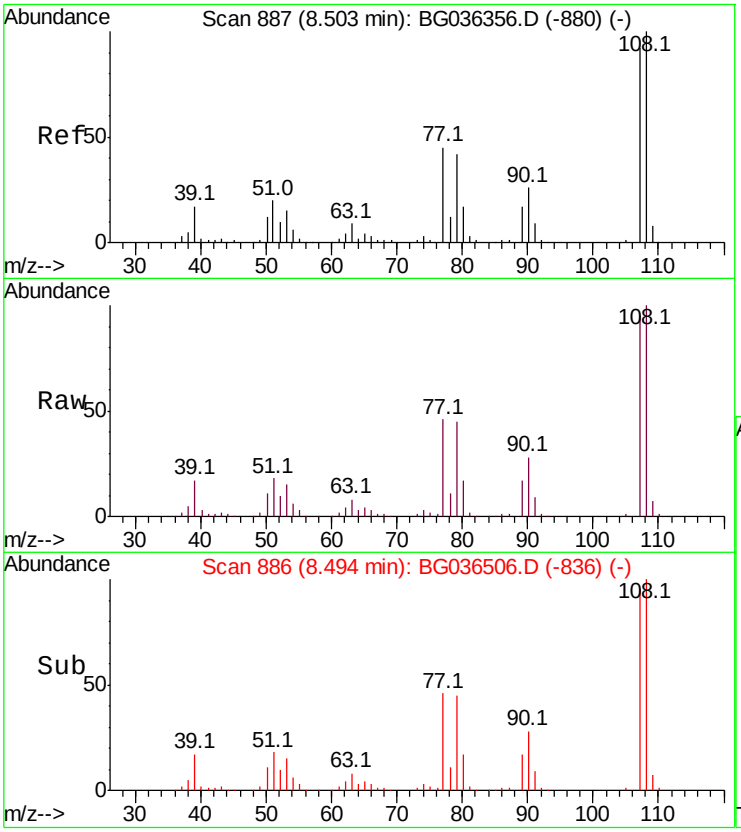




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.198 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 45 Resp: 324856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.0 | 0.0 | 30.5 |
| 79 | 8.9 | 0.0 | 27.9 |



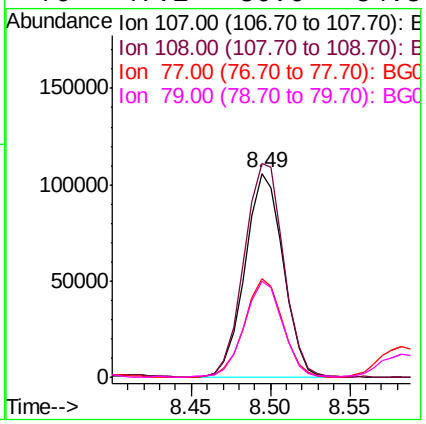


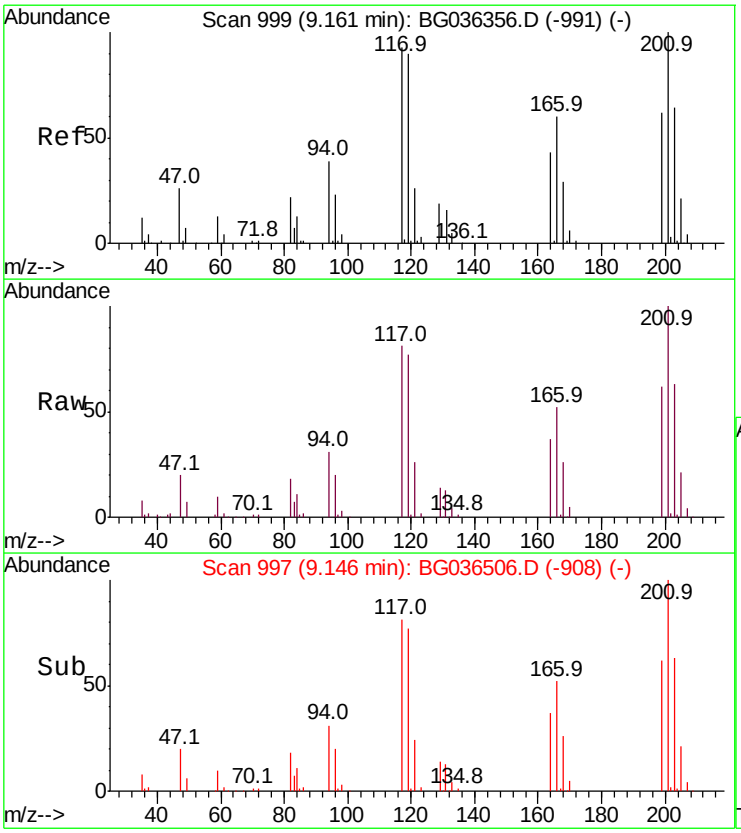

#17
2-Methylphenol
Concen: 46.267 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:107 Resp: 177344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 104.8 | 86.7 | 130.1 |
| 77 | 48.2 | 39.0 | 58.4 |
| 79 | 47.1 | 36.6 | 54.8 |

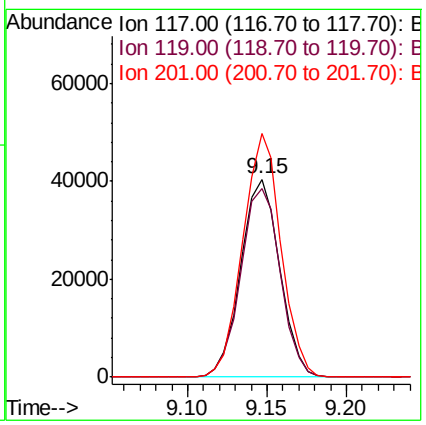


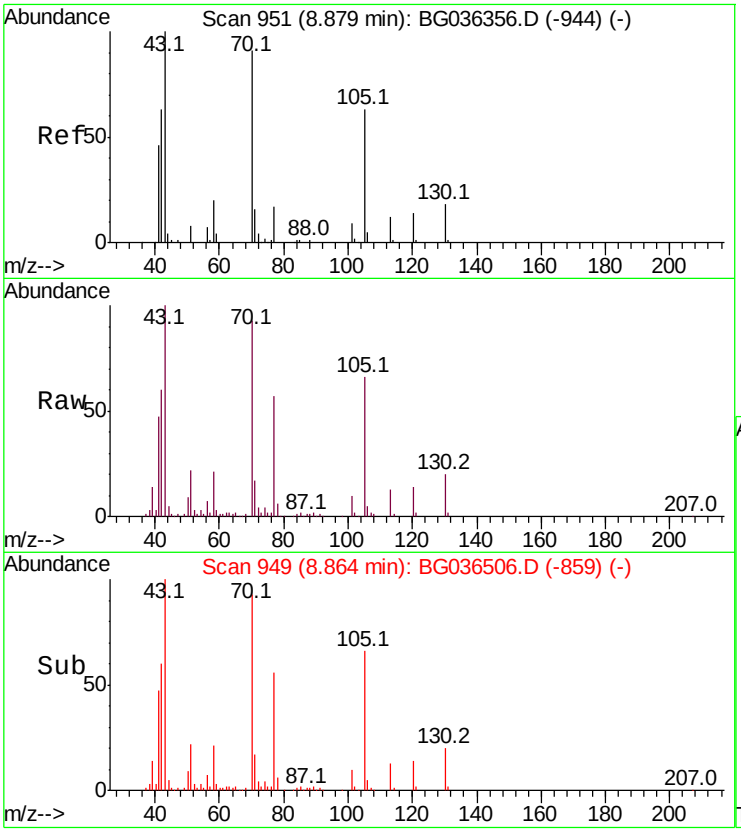




#18
Hexachloroethane
Concen: 39.983 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:117 Resp: 69048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.0 | 76.8 | 115.2 |
| 201 | 123.0 | 85.7 | 128.5 |



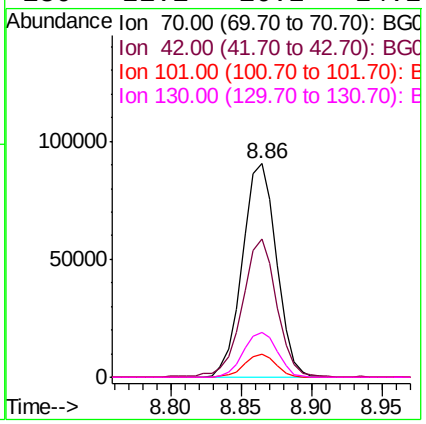


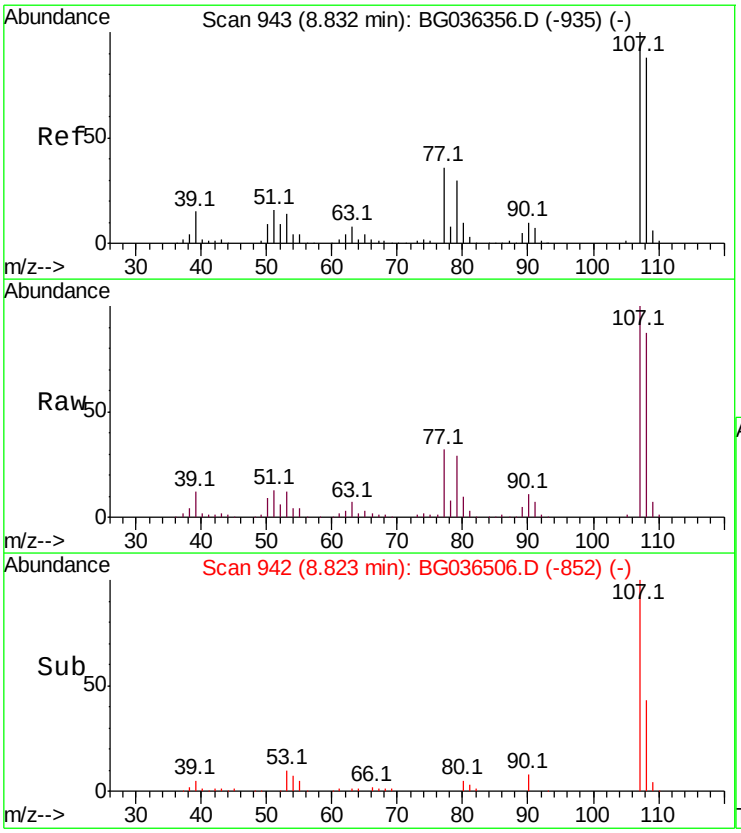

#19
n-Nitroso-di-n-propylamine
Concen: 37.268 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 70 Resp: 153641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.7 | 56.2 | 84.4 |
| 101 | 10.6 | 7.8 | 11.6 |
| 130 | 21.1 | 16.2 | 24.2 |

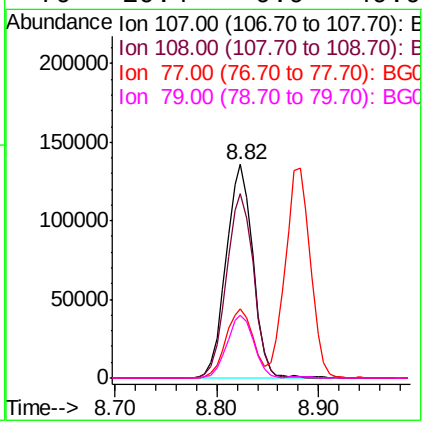


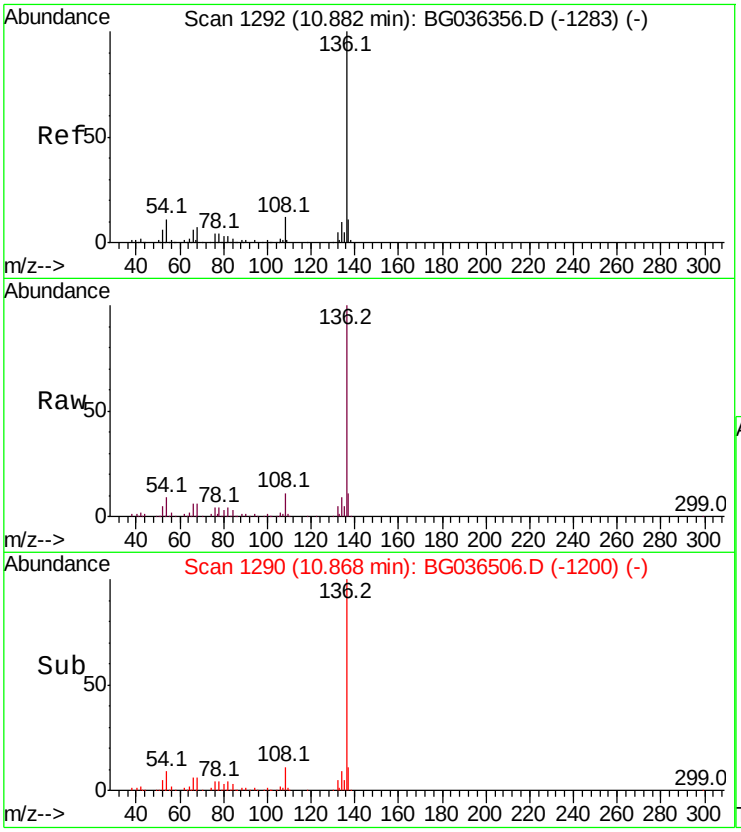




#20
3+4-Methylphenols
Concen: 46.565 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:107 Resp: 249191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.6 | 68.0 | 108.0 |
| 77 | 32.1 | 15.6 | 55.6 |
| 79 | 29.4 | 9.9 | 49.9 |



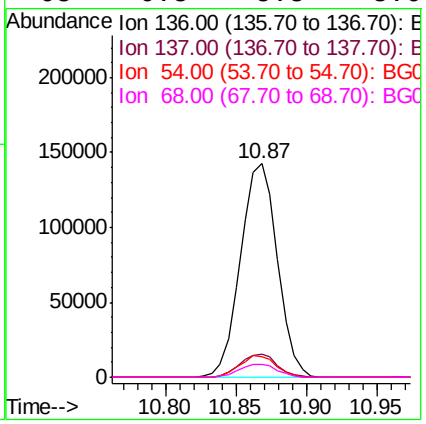


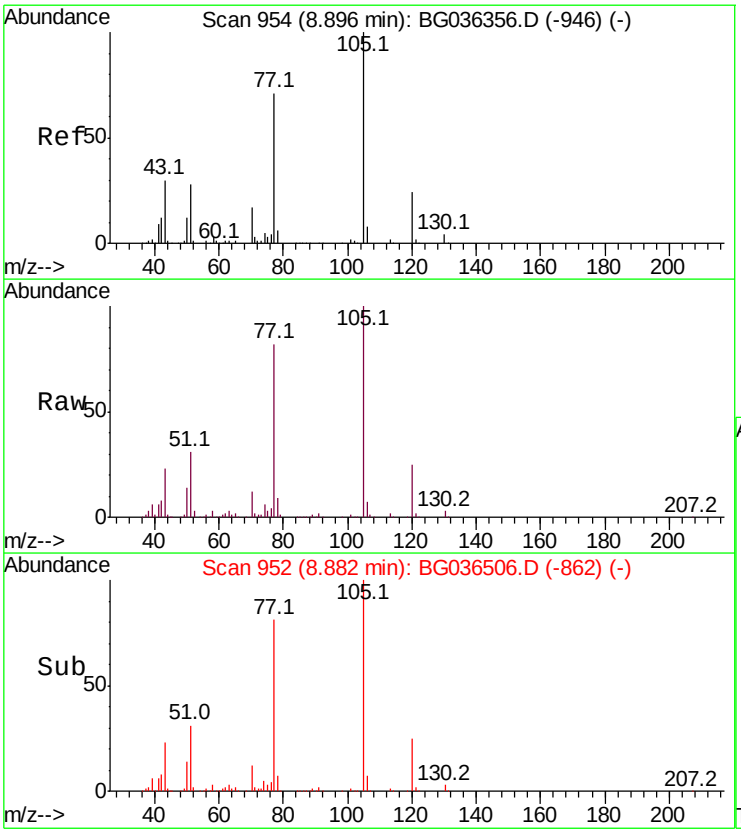

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:136 Resp: 261199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 9.5 | 9.2 | 13.8 |
| 68 | 6.3 | 5.8 | 8.6 |

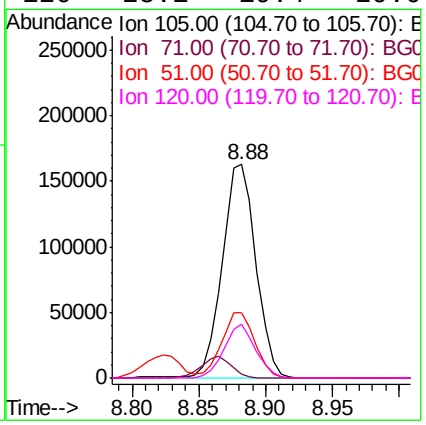


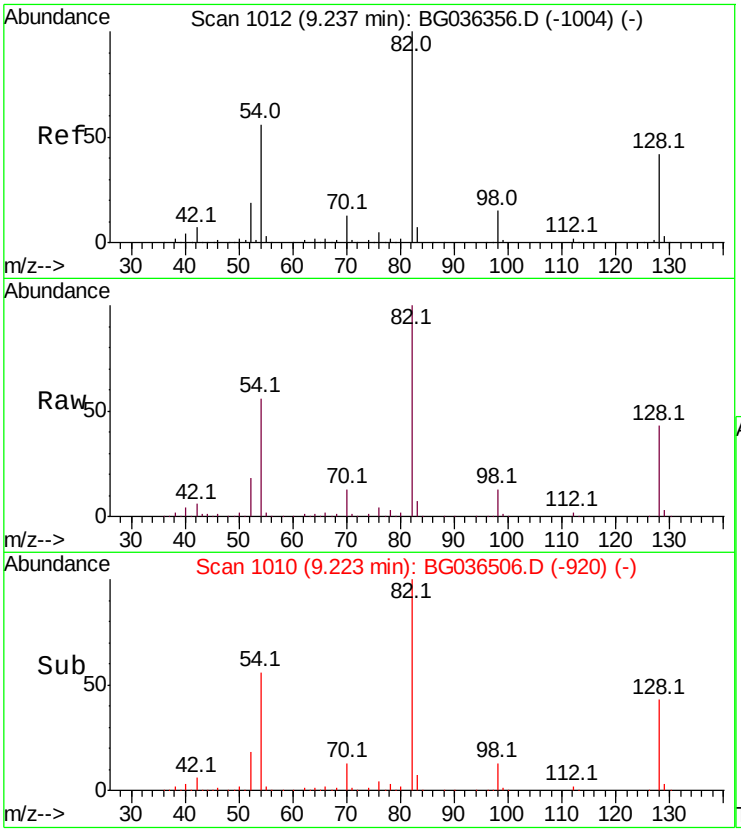




#22
Acetophenone
Concen: 41.721 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:105 Resp: 286164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.0 | 2.4 | 3.6# |
| 51 | 30.8 | 25.9 | 38.9 |
| 120 | 25.1 | 19.4 | 29.0 |



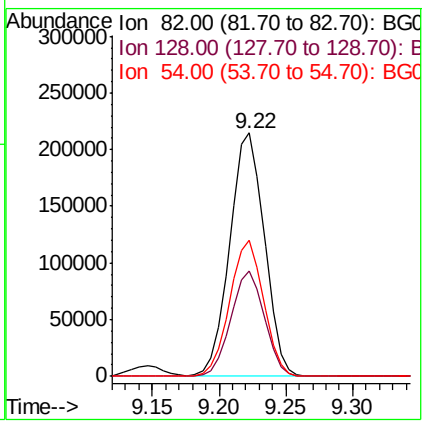


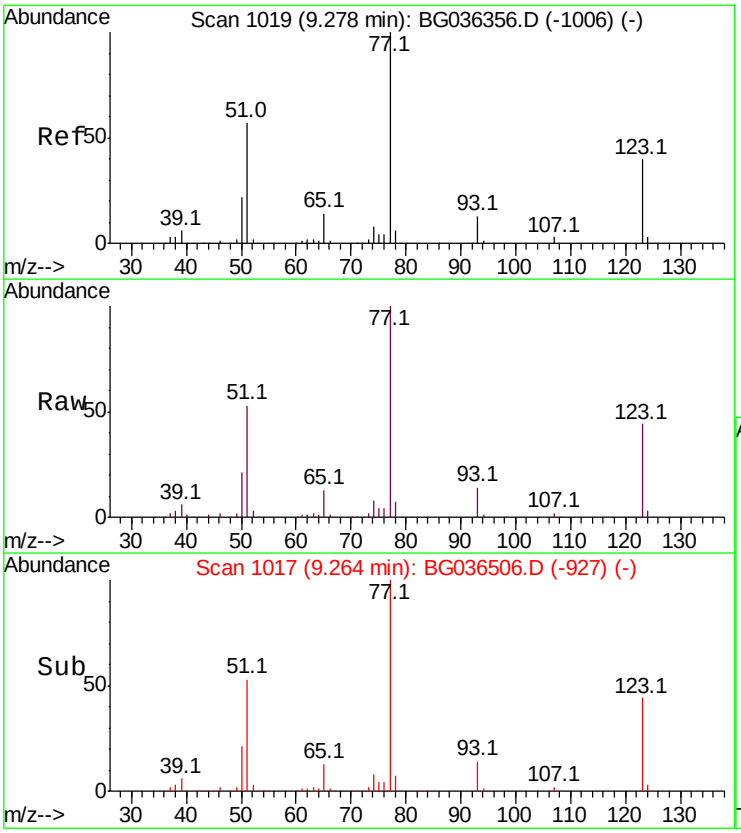

#23
Nitrobenzene-d5
Concen: 80.452 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 82 Resp: 387308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 33.3 | 49.9 |
| 54 | 55.7 | 45.1 | 67.7 |

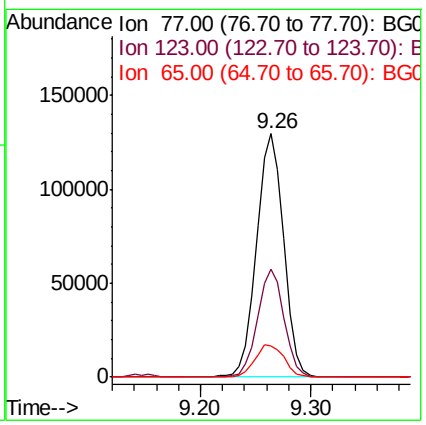


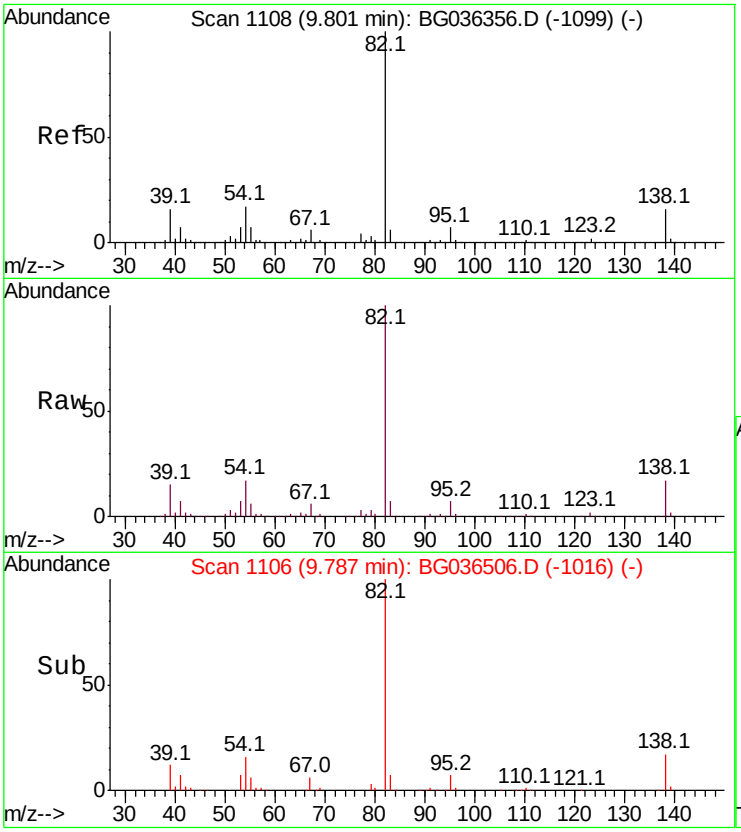




#24
Nitrobenzene
Concen: 42.991 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 77 Resp: 223176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.1 | 32.4 | 48.6 |
| 65 | 13.0 | 11.5 | 17.3 |



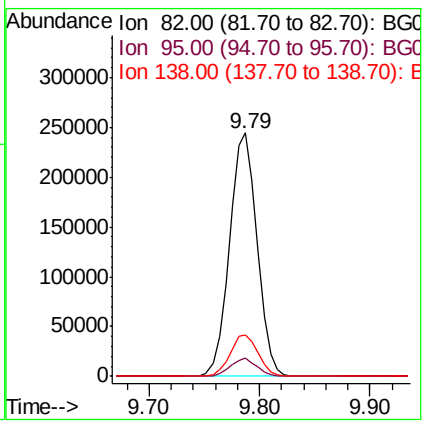


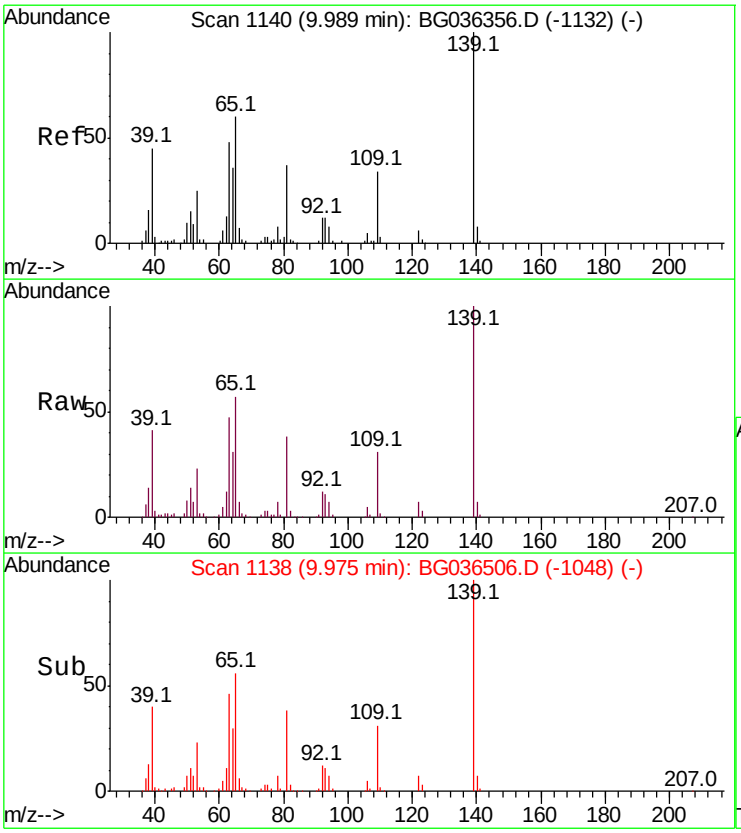

#25
Isophorone
Concen: 44.739 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 82 Resp: 427861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.8 | 8.8 |
| 138 | 17.3 | 12.9 | 19.3 |

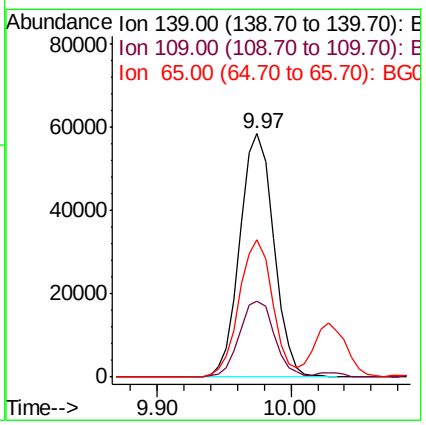


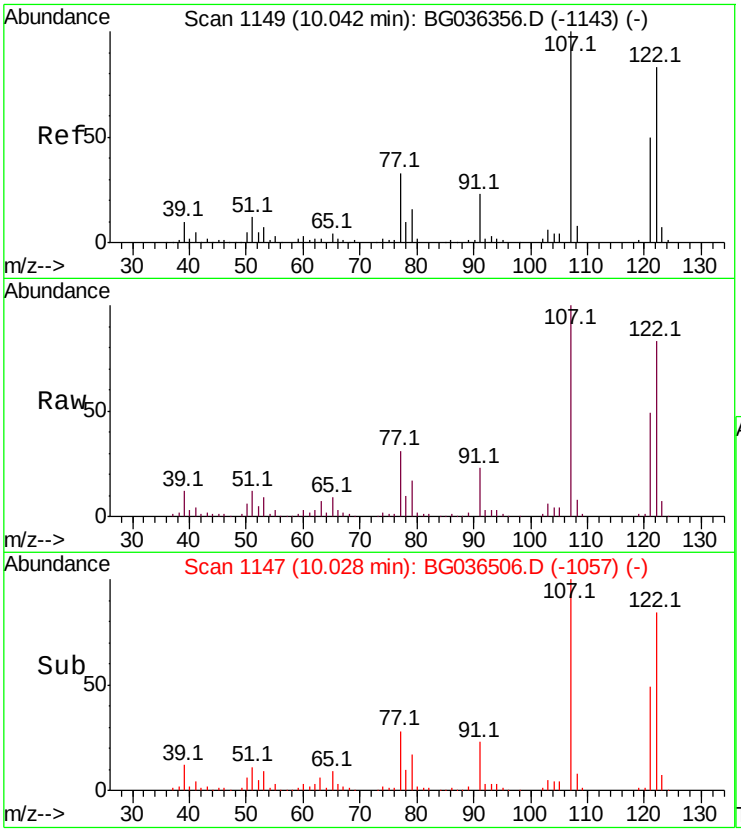




#26
2-Nitrophenol
Concen: 49.710 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:139 Resp: 102258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.1 | 27.4 | 41.0 |
| 65 | 56.5 | 47.8 | 71.6 |



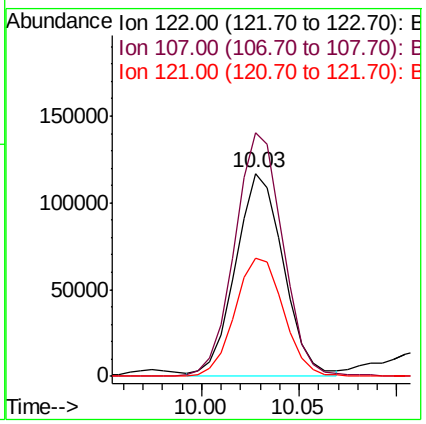


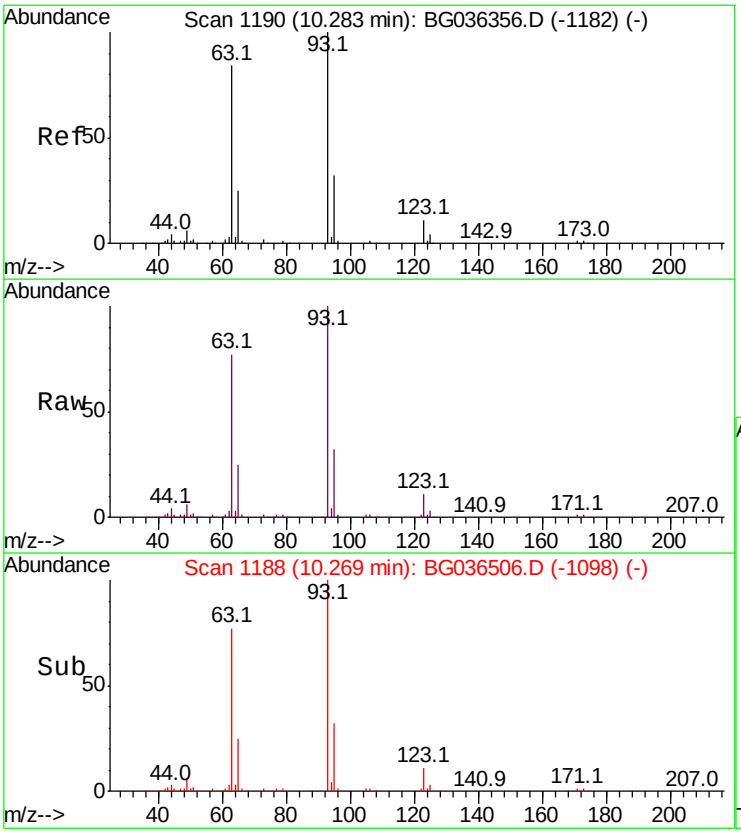

#27
2,4-Dimethylphenol
Concen: 51.832 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:122 Resp: 197404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.8 | 96.0 | 144.0 |
| 121 | 58.2 | 48.2 | 72.4 |

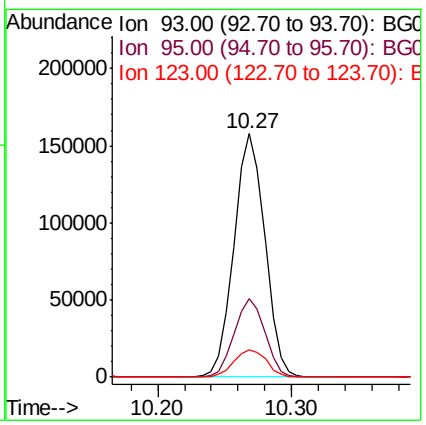


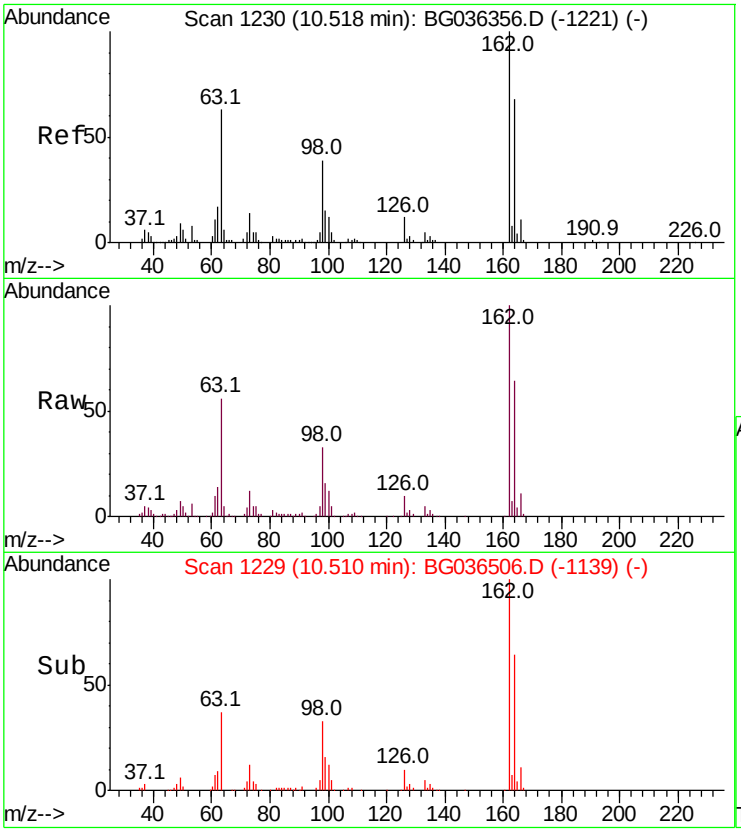




#28
bis(2-Chloroethoxy)methane
Concen: 43.068 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 93 Resp: 252784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 25.2 | 37.8 |
| 123 | 11.3 | 8.6 | 12.8 |



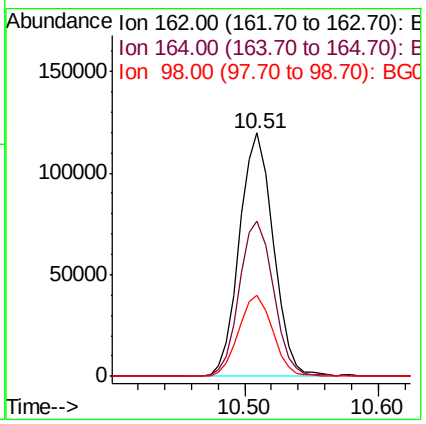


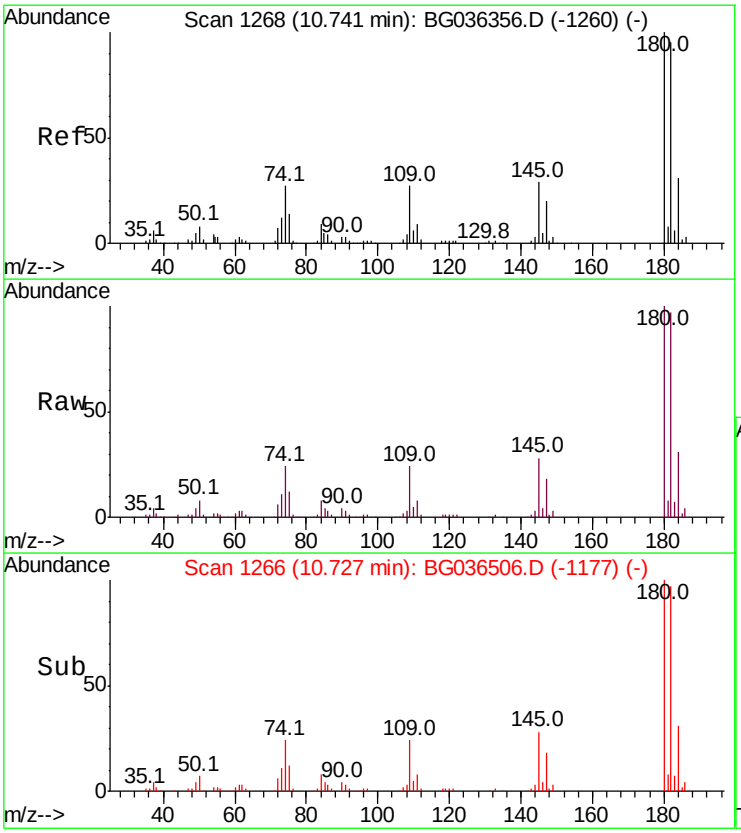

#29
2,4-Dichlorophenol
Concen: 50.313 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:162 Resp: 210002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 47.6 | 87.6 |
| 98 | 33.2 | 19.2 | 59.2 |

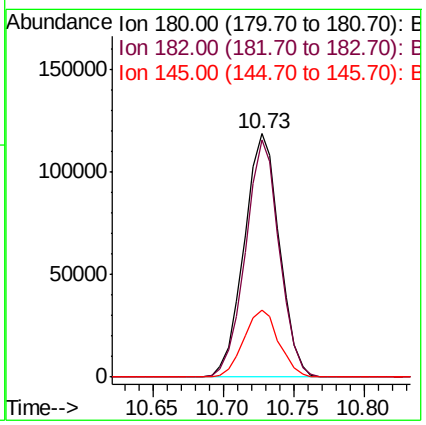


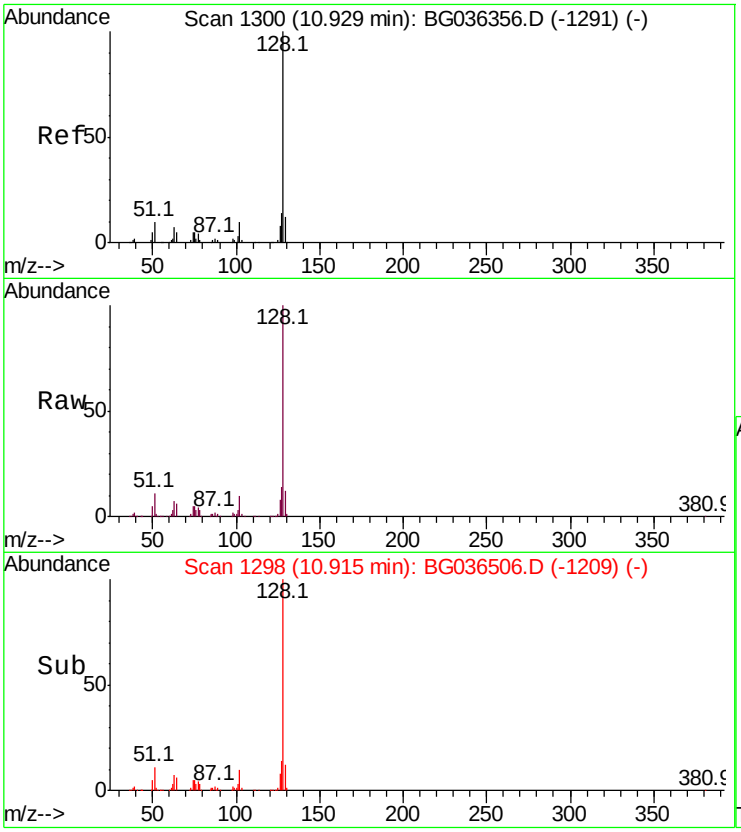




#30
1,2,4-Trichlorobenzene
Concen: 42.504 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:180 Resp: 207539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 76.0 | 114.0 |
| 145 | 27.7 | 22.9 | 34.3 |



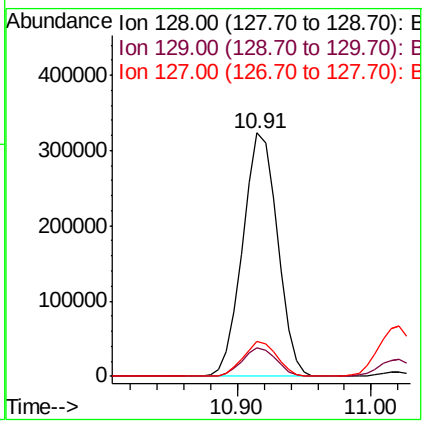


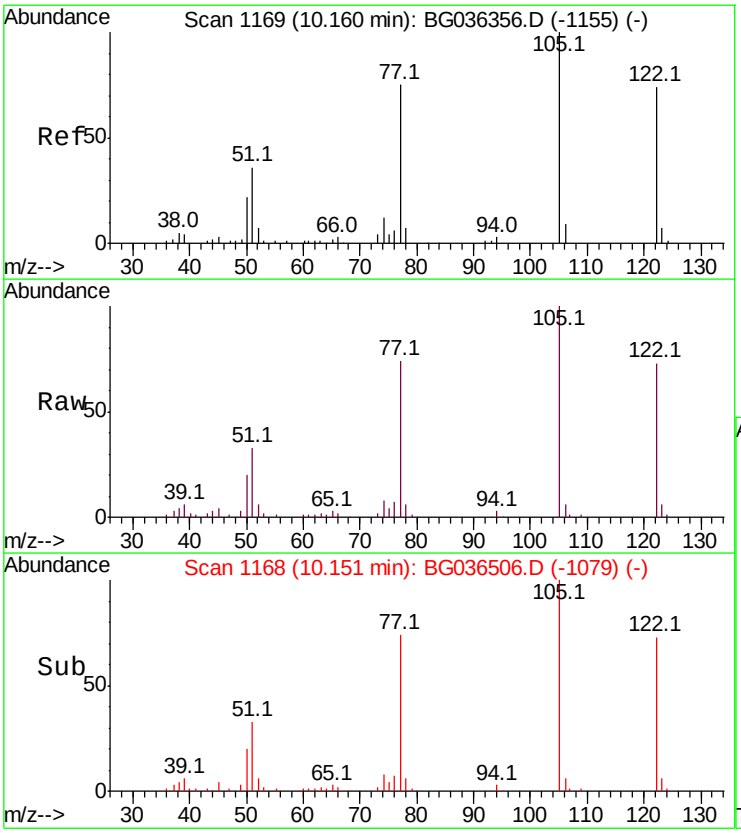

#31
Naphthalene
Concen: 44.623 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:128 Resp: 582653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.4 | 14.2 |
| 127 | 14.1 | 11.0 | 16.4 |

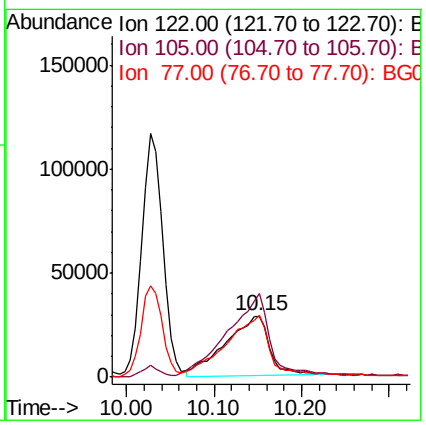


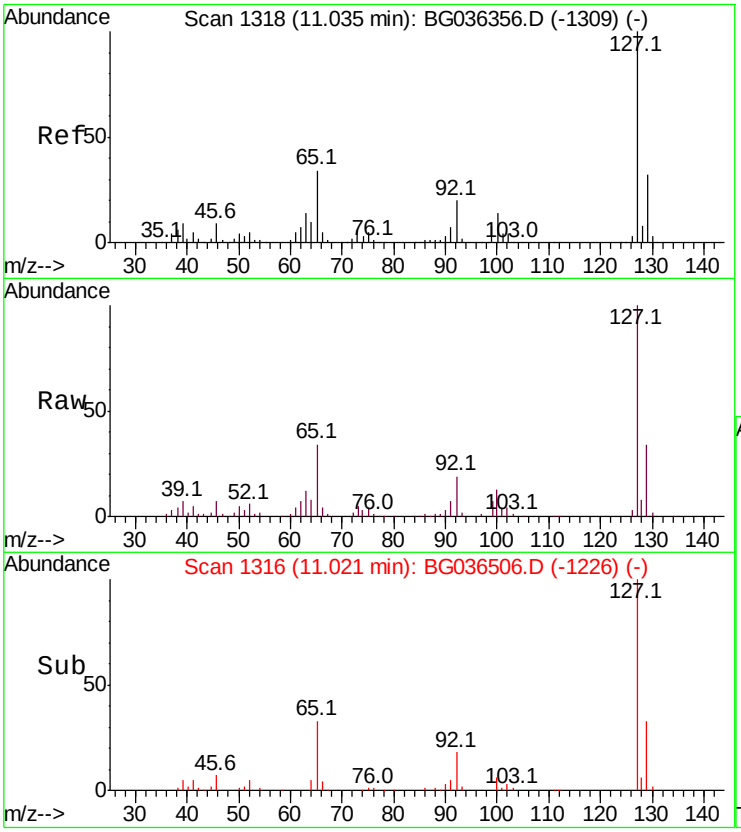




#32
Benzoic acid
Concen: 35.908 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:122 Resp: 97876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 137.0 | 108.1 | 148.1 |
| 77 | 101.9 | 76.3 | 116.3 |



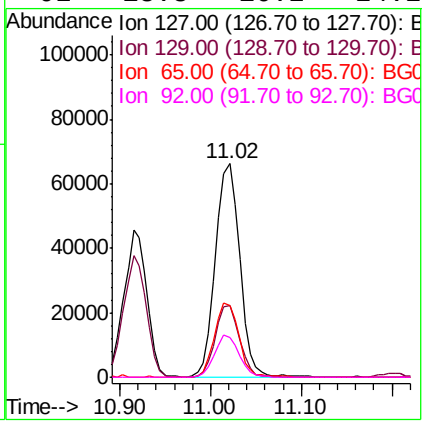


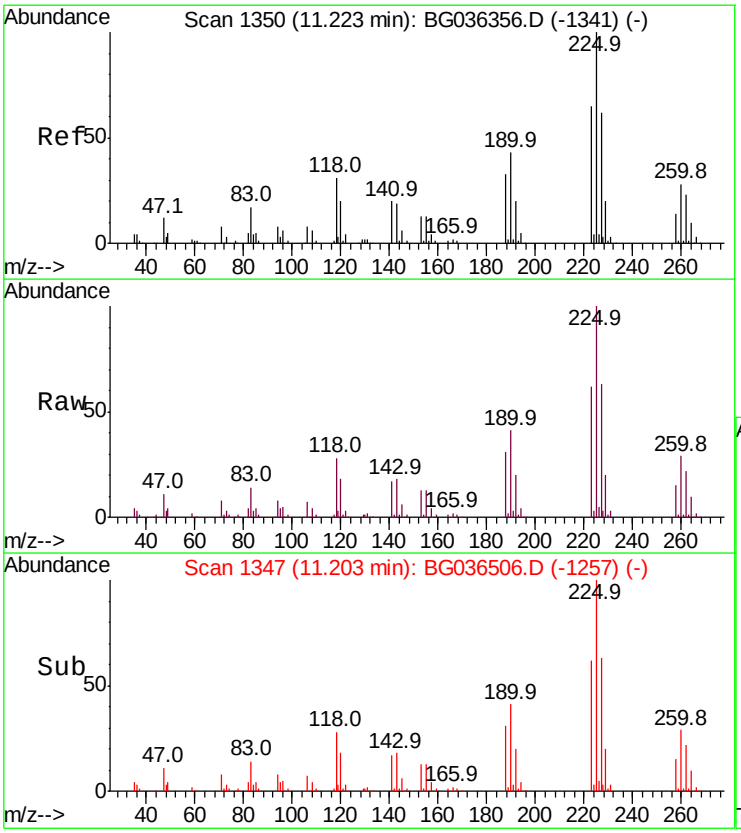

#33
4-Chloroaniline
Concen: 20.754 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:127 Resp: 124177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.7 | 25.9 | 38.9 |
| 65 | 33.8 | 27.5 | 41.3 |
| 92 | 18.8 | 16.2 | 24.2 |

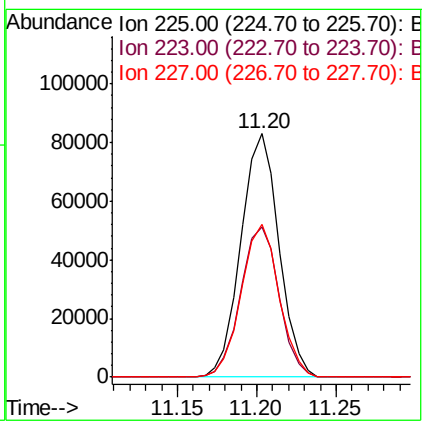


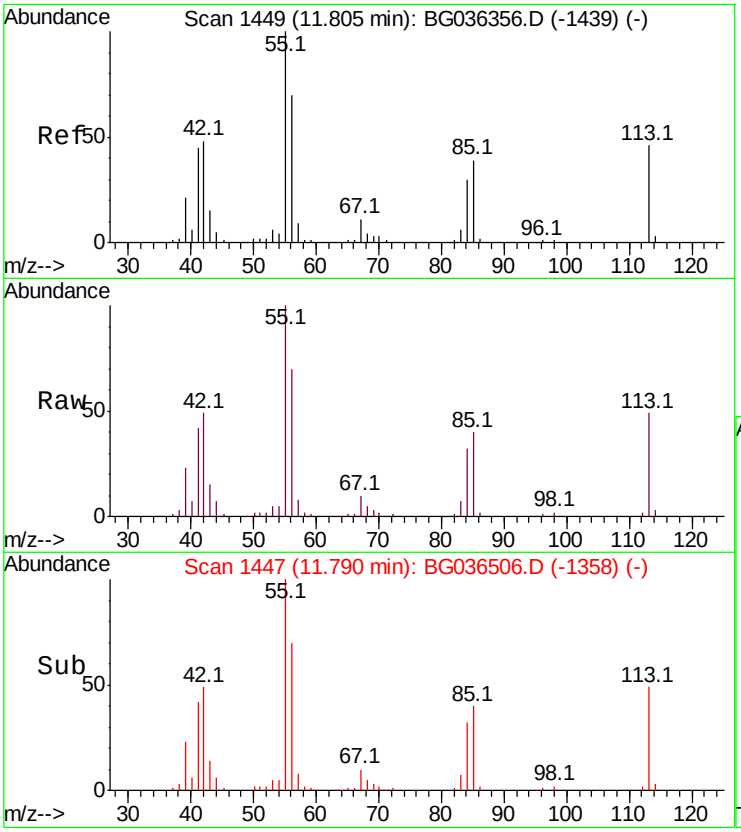




#34
Hexachlorobutadiene
Concen: 42.197 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:225 Resp: 138436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 51.8 | 77.8 |
| 227 | 62.5 | 49.8 | 74.6 |



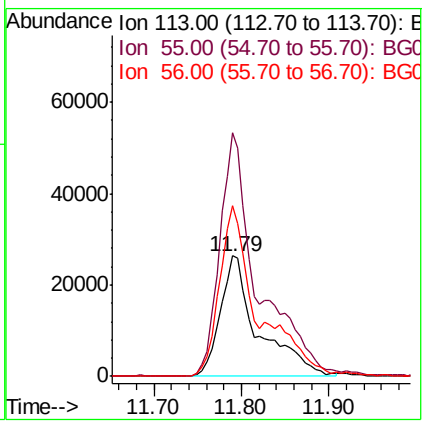


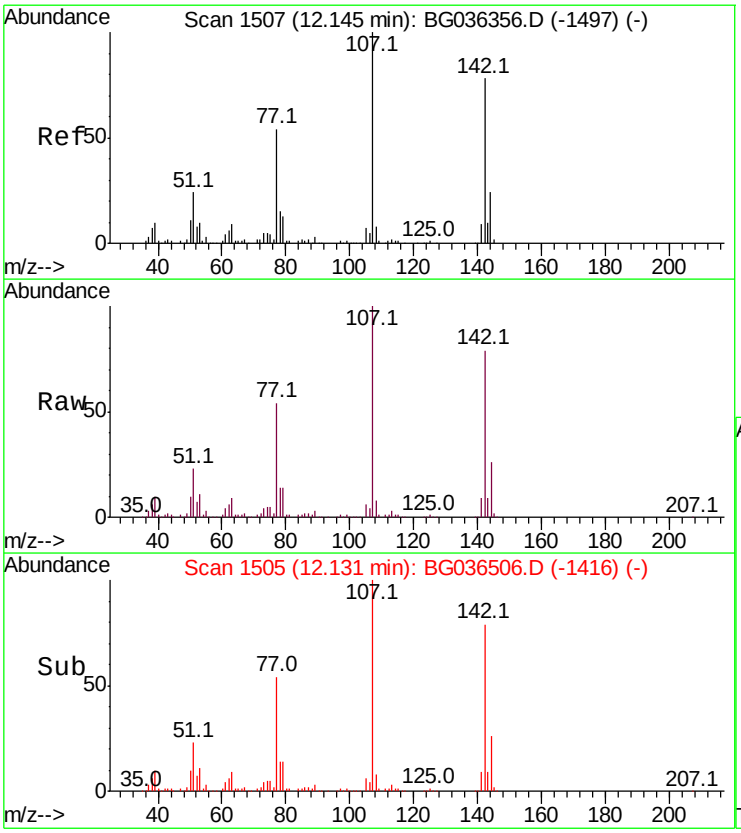

#35
Caprolactam
Concen: 47.084 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:113 Resp: 78288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 202.6 | 197.7 | 237.7 |
| 56 | 141.5 | 131.7 | 171.7 |

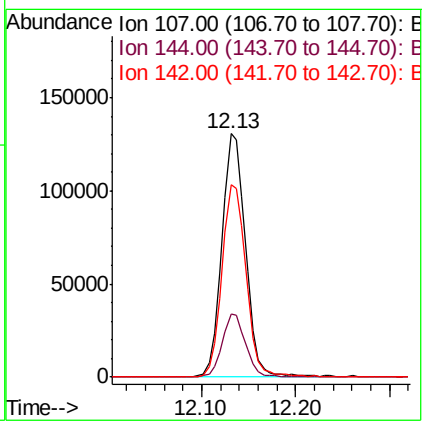


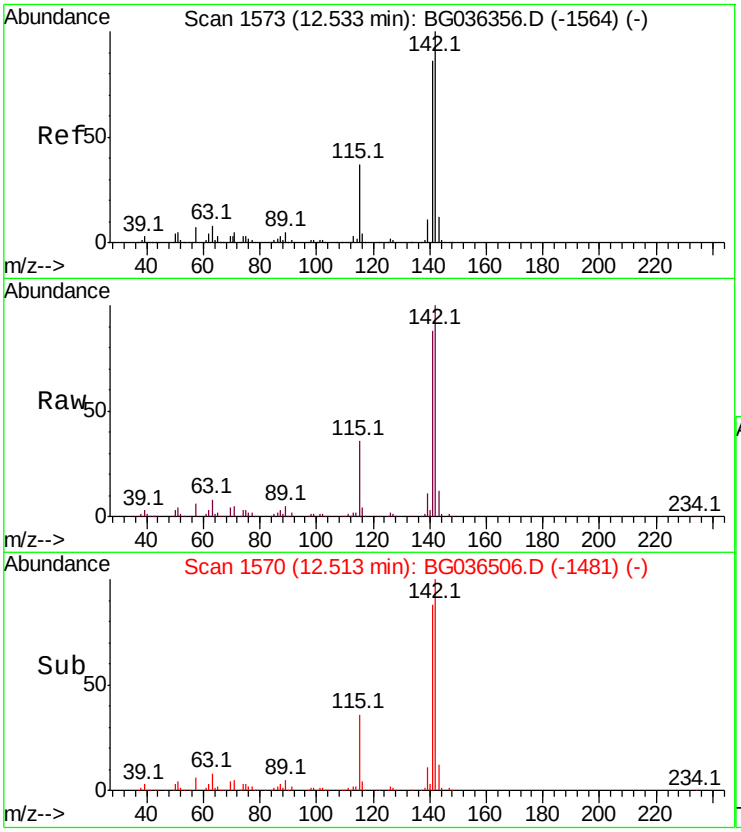




#36
4-Chloro-3-methylphenol
Concen: 47.208 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:107 Resp: 228957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 19.5 | 29.3 |
| 142 | 78.9 | 62.4 | 93.6 |



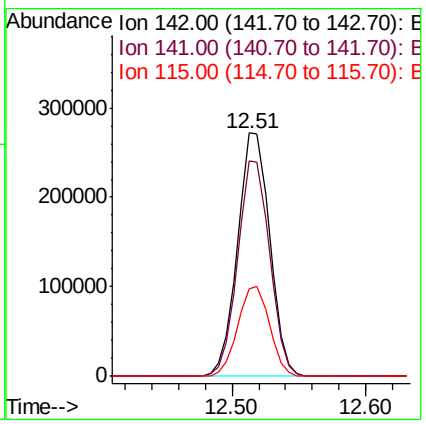


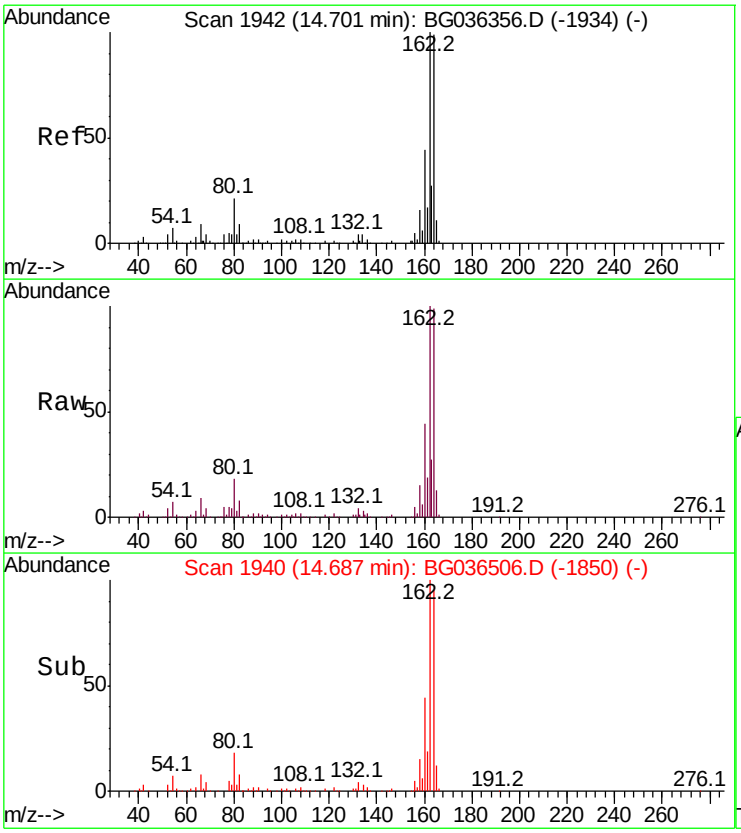

#37
2-Methylnaphthalene
Concen: 47.419 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:142 Resp: 453038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 68.5 | 102.7 |
| 115 | 36.0 | 29.8 | 44.8 |

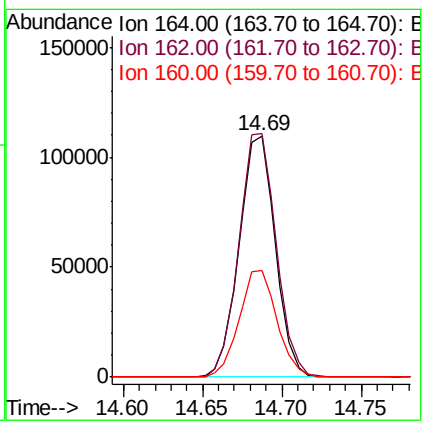


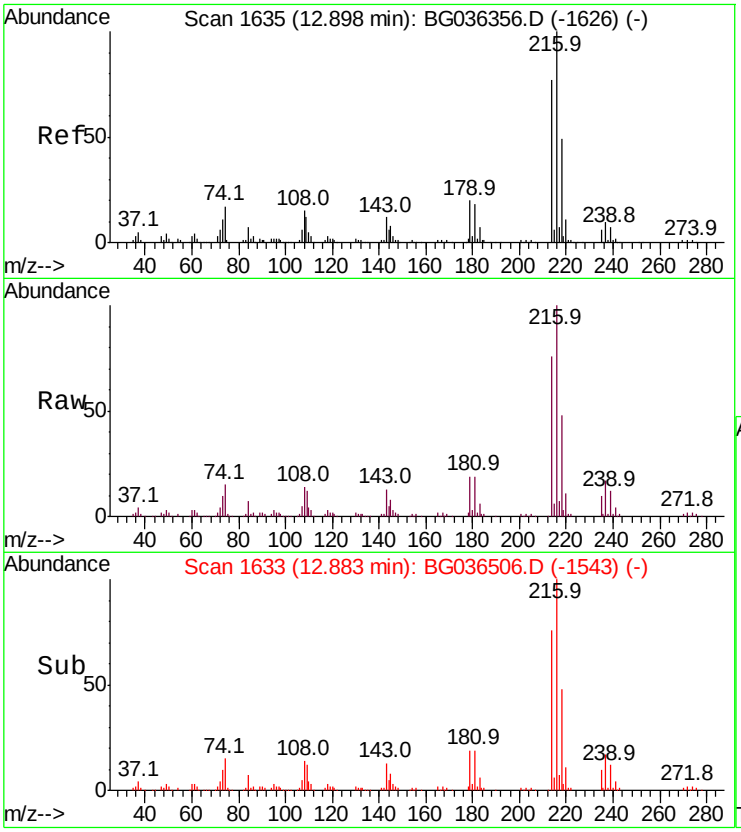




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:164 Resp: 173056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.7 | 121.1 |
| 160 | 44.1 | 35.3 | 52.9 |



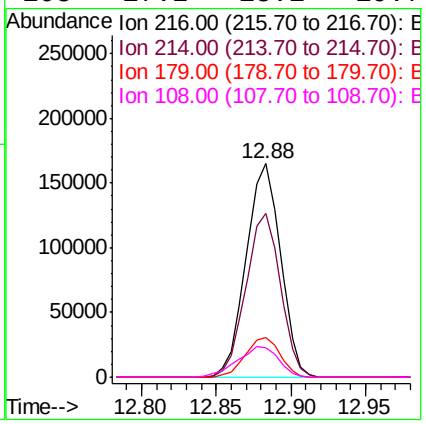


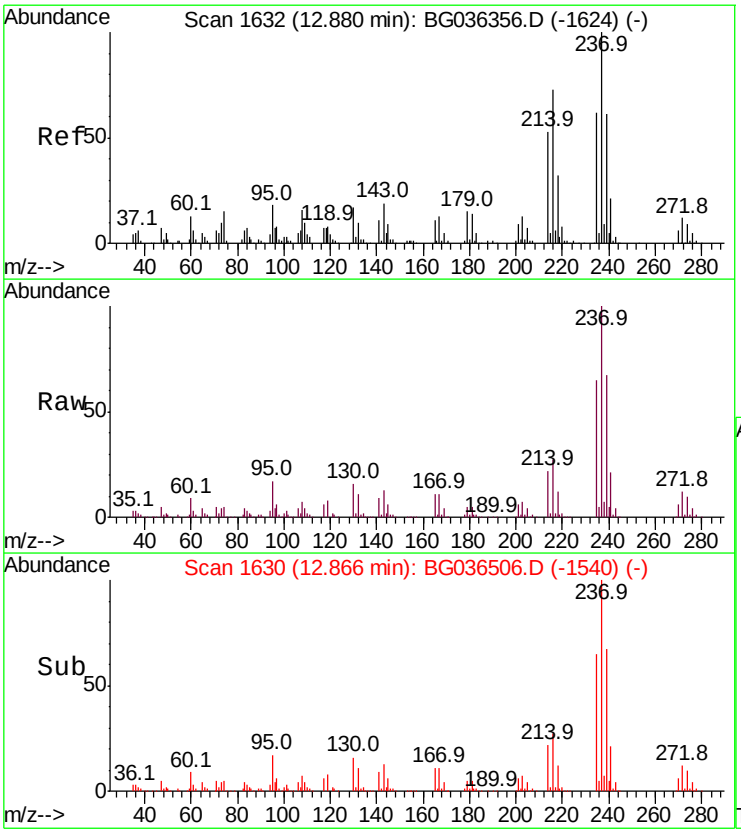

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.885 ng
RT: 12.88 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:216 Resp: 262640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.9 | 61.0 | 91.6 |
| 179 | 18.9 | 15.7 | 23.5 |
| 108 | 17.2 | 13.1 | 19.7 |

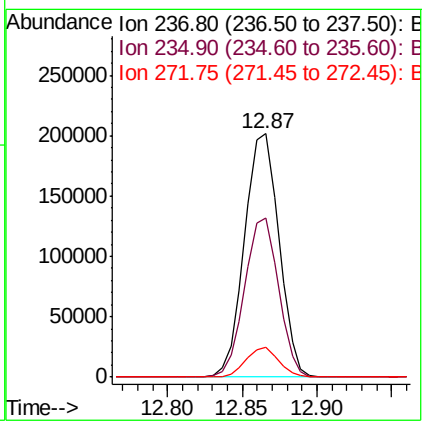


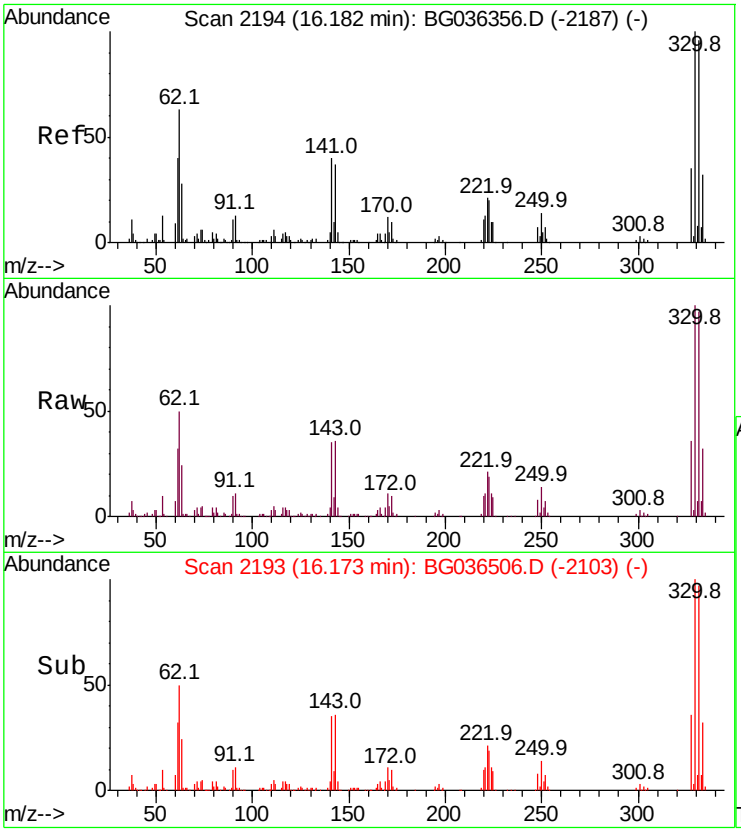




#40
Hexachlorocyclopentadiene
Concen: 100.892 ng
RT: 12.87 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:237 Resp: 321486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.3 | 42.2 | 82.2 |
| 272 | 12.4 | 0.0 | 32.1 |



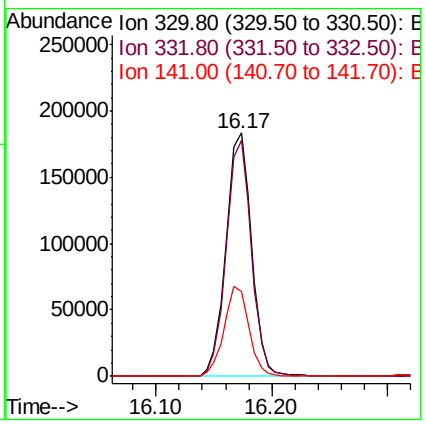


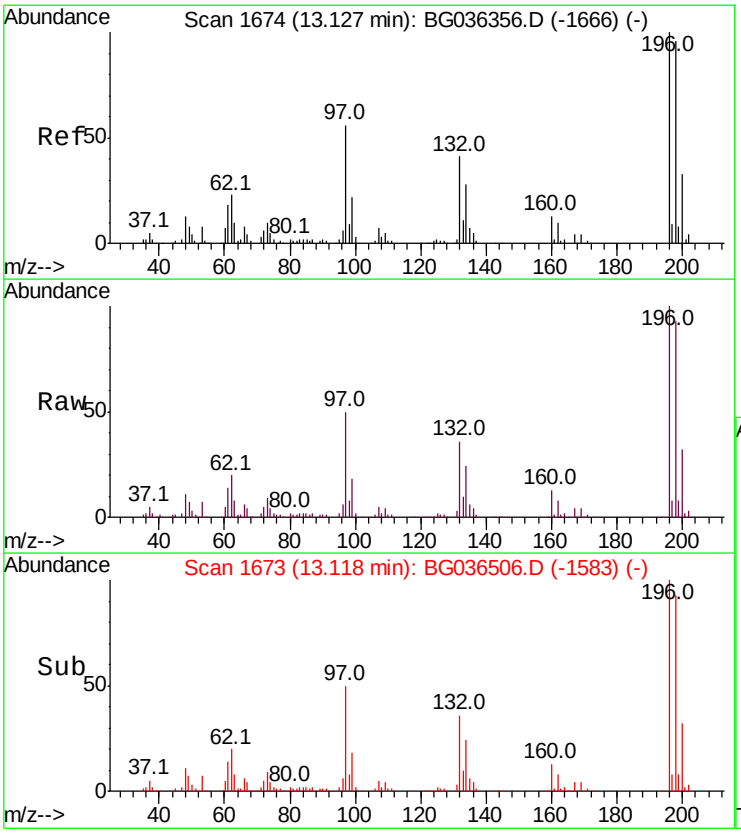

#41
2,4,6-Tribromophenol
Concen: 136.228 ng
RT: 16.17 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:330 Resp: 281304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 75.4 | 113.2 |
| 141 | 36.3 | 30.7 | 46.1 |

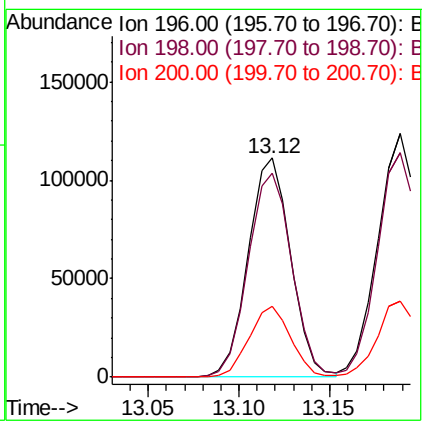


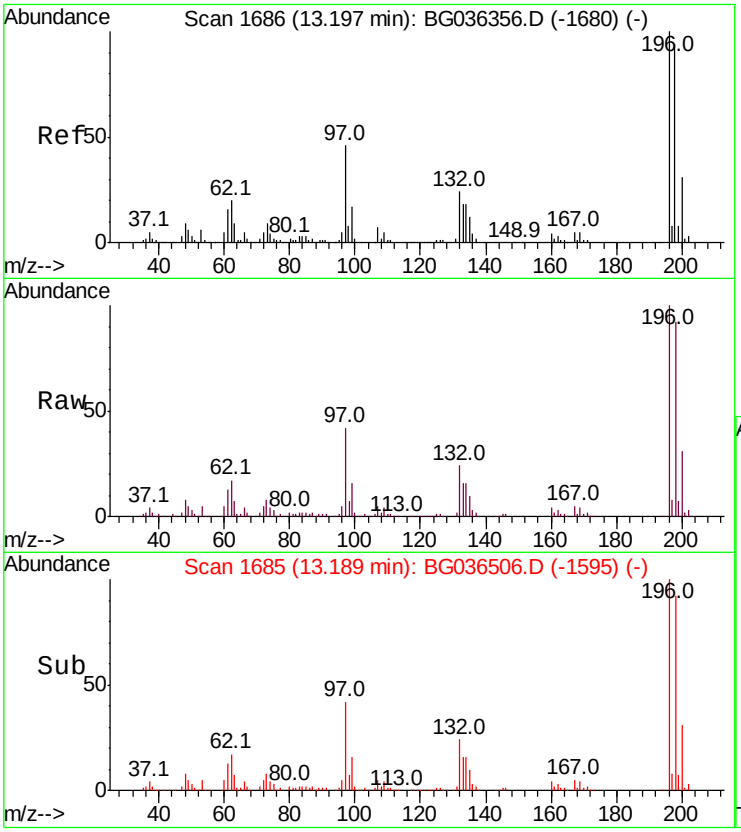




#42
2,4,6-Trichlorophenol
Concen: 48.586 ng
RT: 13.12 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:196 Resp: 181254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.0 | 77.2 | 115.8 |
| 200 | 32.4 | 26.3 | 39.5 |



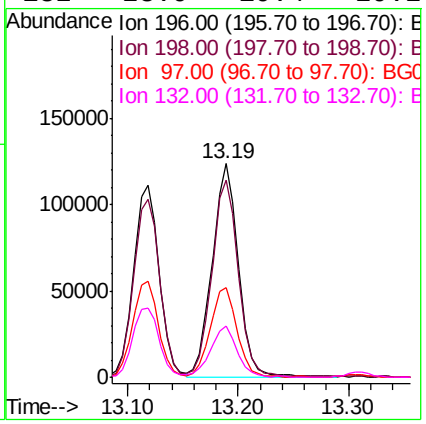


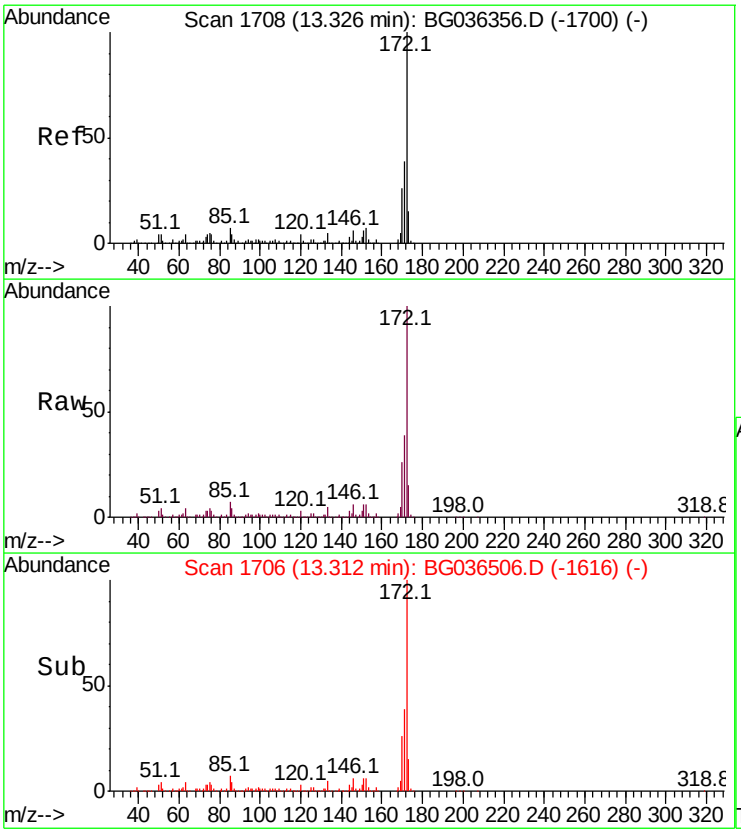

#43
2,4,5-Trichlorophenol
Concen: 50.622 ng
RT: 13.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:196 Resp: 201428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.4 | 75.6 | 113.4 |
| 97 | 42.2 | 37.2 | 55.8 |
| 132 | 23.9 | 19.4 | 29.2 |

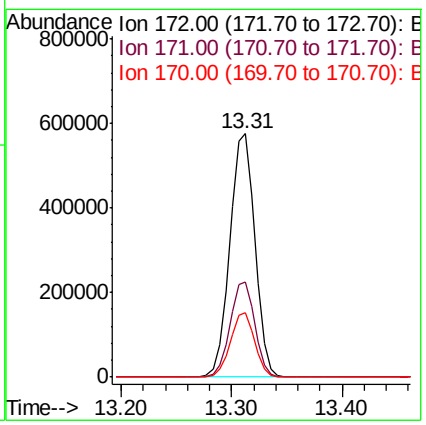


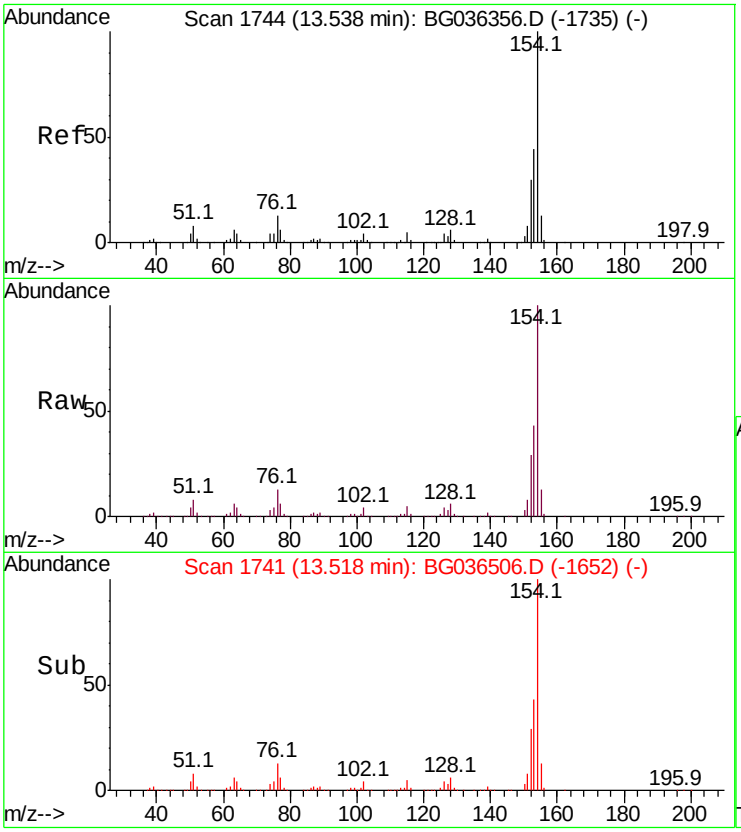




#44
2-Fluorobiphenyl
Concen: 75.589 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:172 Resp: 916157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.9 | 31.3 | 46.9 |
| 170 | 26.3 | 21.0 | 31.6 |



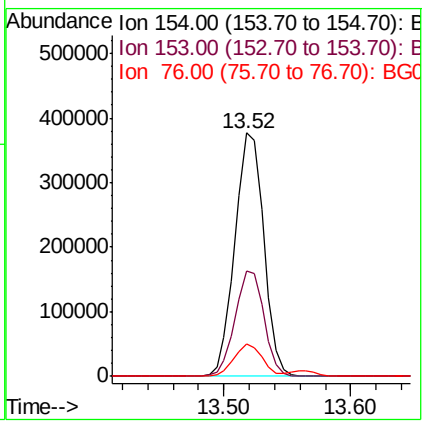


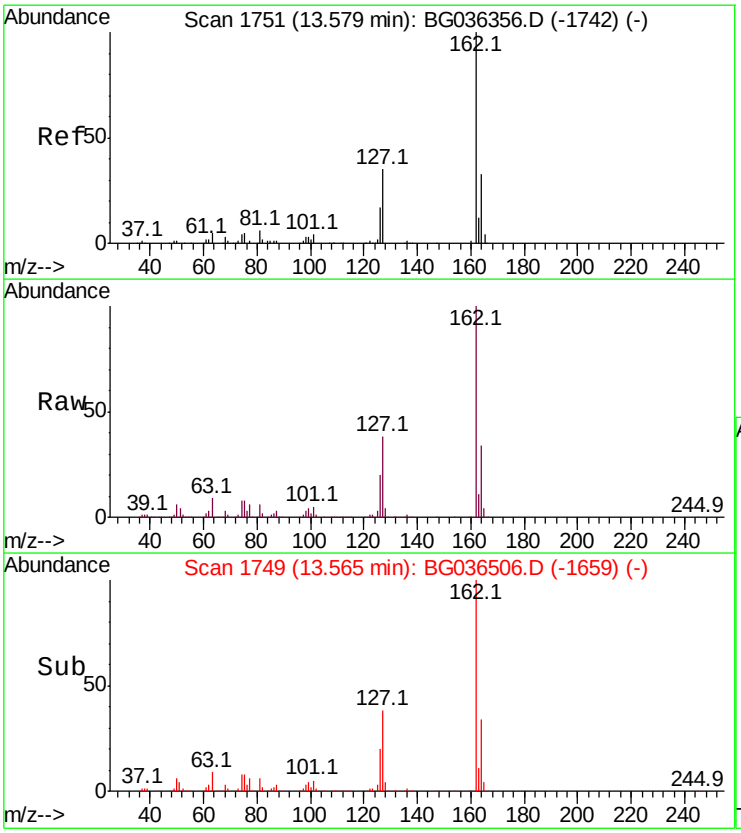

#45
1,1'-Biphenyl
Concen: 41.351 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:154 Resp: 594007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.0 | 24.0 | 64.0 |
| 76 | 13.1 | 0.0 | 32.9 |

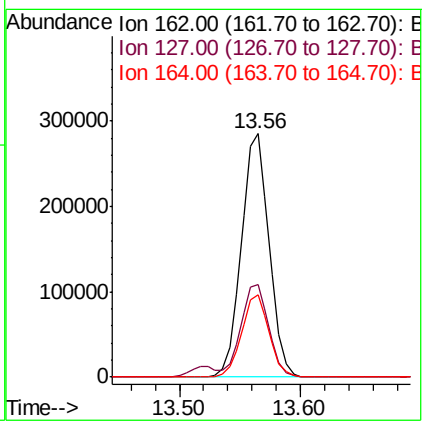


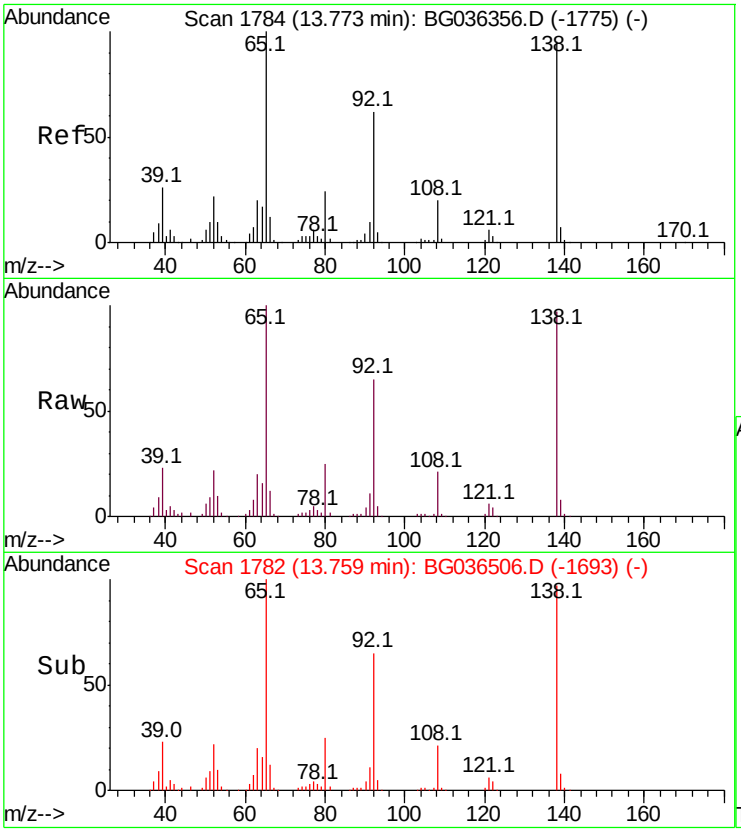




#46
2-Chloronaphthalene
Concen: 41.609 ng
RT: 13.56 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:162 Resp: 456303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.7 | 46.1 |
| 164 | 33.6 | 26.7 | 40.1 |



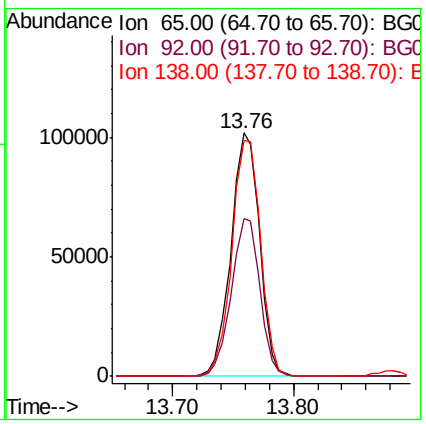


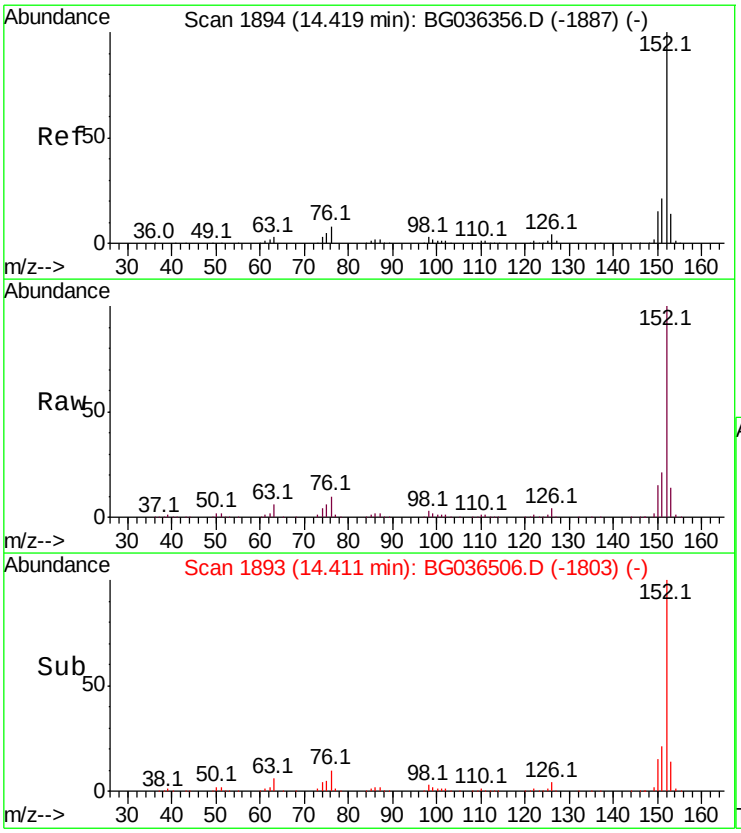

#47
2-Nitroaniline
Concen: 48.587 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion: 65 Resp: 167317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.0 | 49.9 | 74.9 |
| 138 | 96.8 | 76.2 | 114.4 |

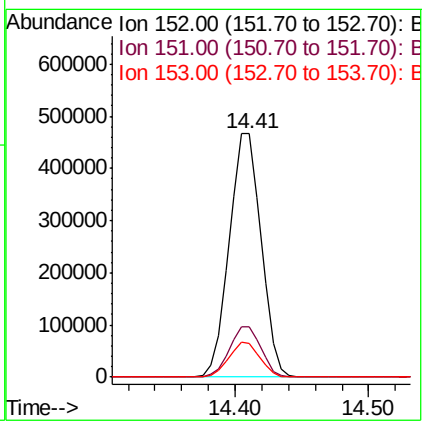


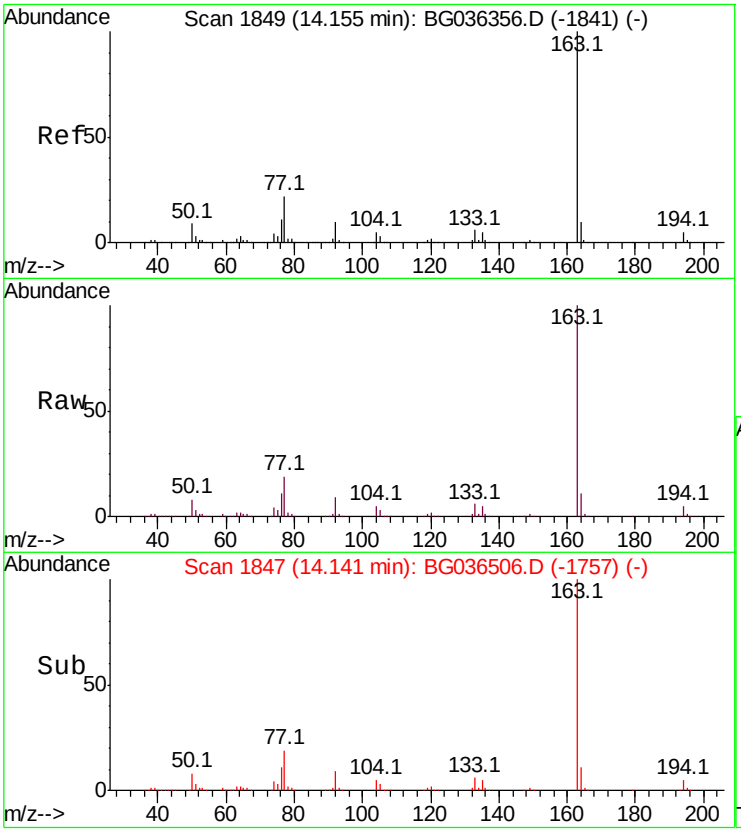




#48
Acenaphthylene
Concen: 45.286 ng
RT: 14.41 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:152 Resp: 776151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 16.9 | 25.3 |
| 153 | 14.0 | 11.2 | 16.8 |



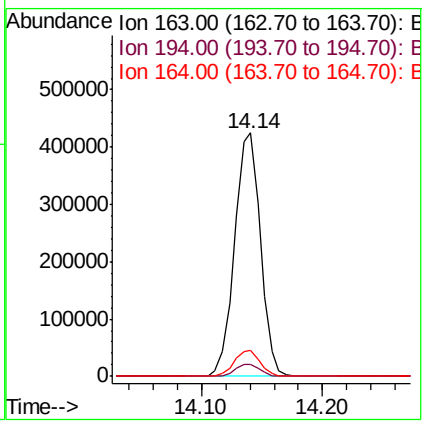


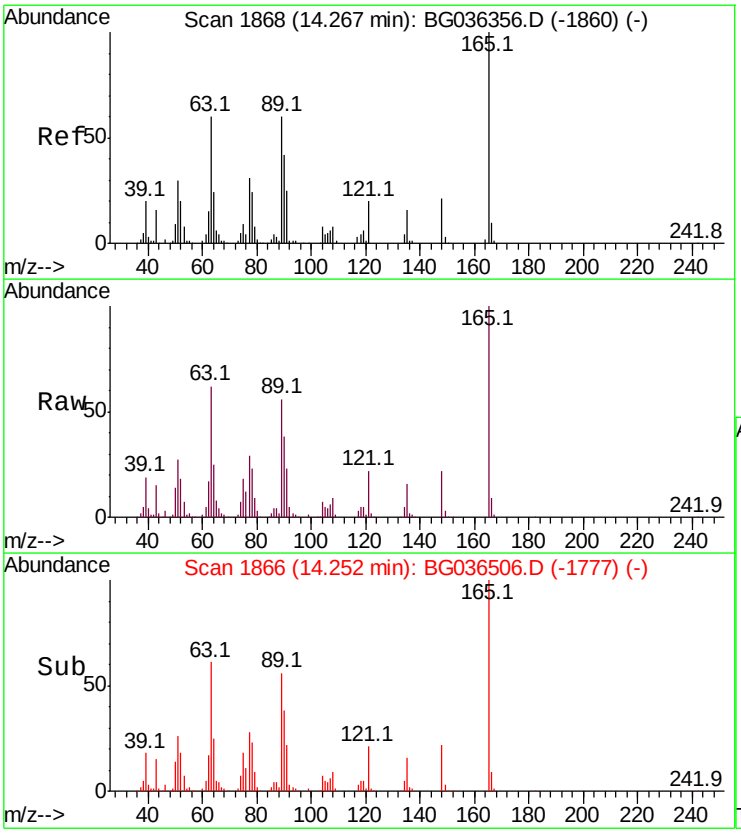

#49
Dimethylphthalate
Concen: 44.790 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:163 Resp: 632925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 4.0 | 6.0 |
| 164 | 10.6 | 8.1 | 12.1 |

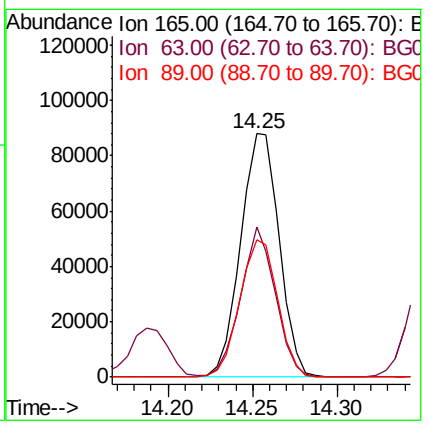


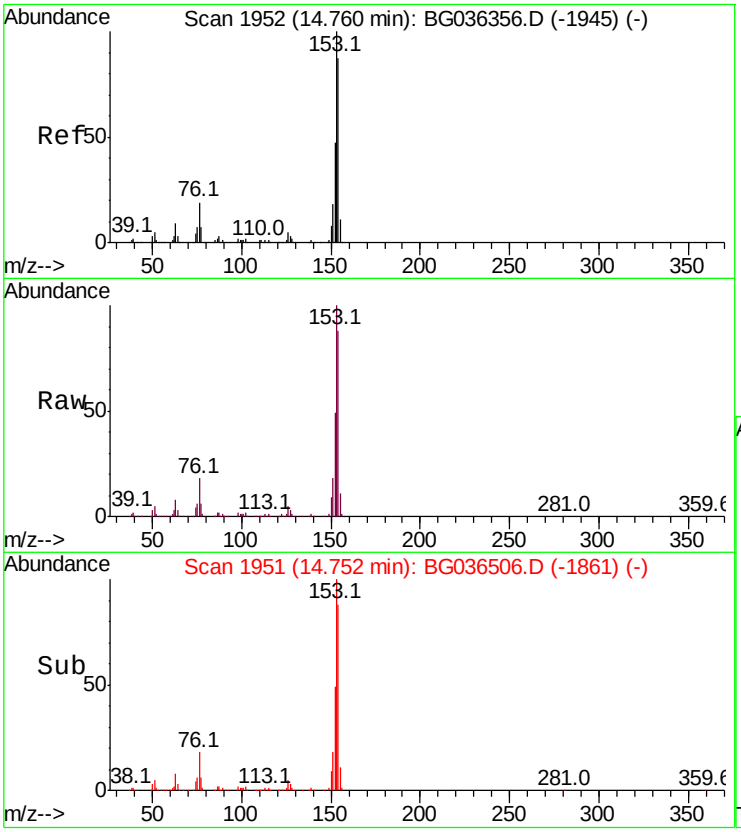




#50
2,6-Dinitrotoluene
Concen: 48.067 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:165 Resp: 139768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.9 | 50.1 | 75.1 |
| 89 | 56.5 | 47.8 | 71.6 |



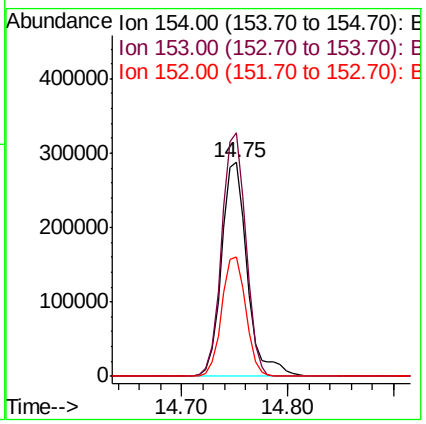


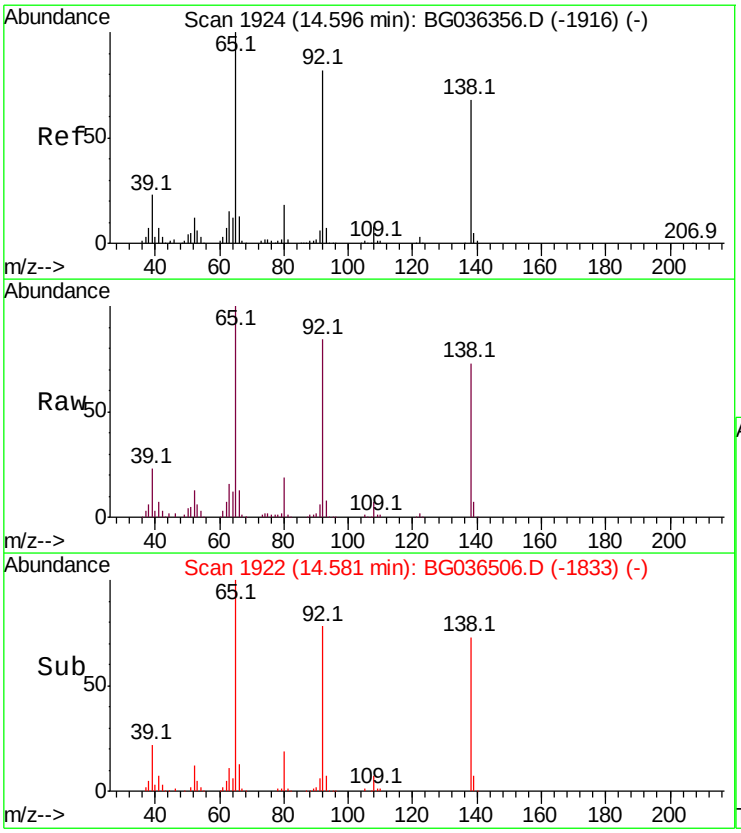

#51
Acenaphthene
Concen: 44.184 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:154 Resp: 484979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 91.8 | 137.6 |
| 152 | 55.9 | 43.5 | 65.3 |

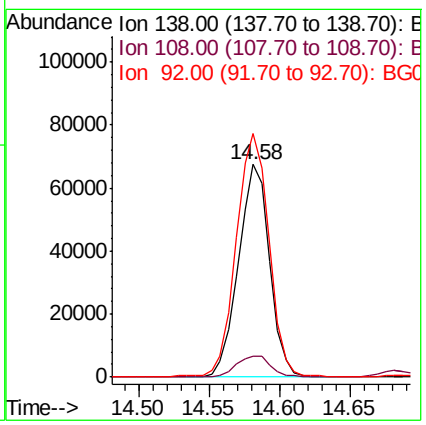


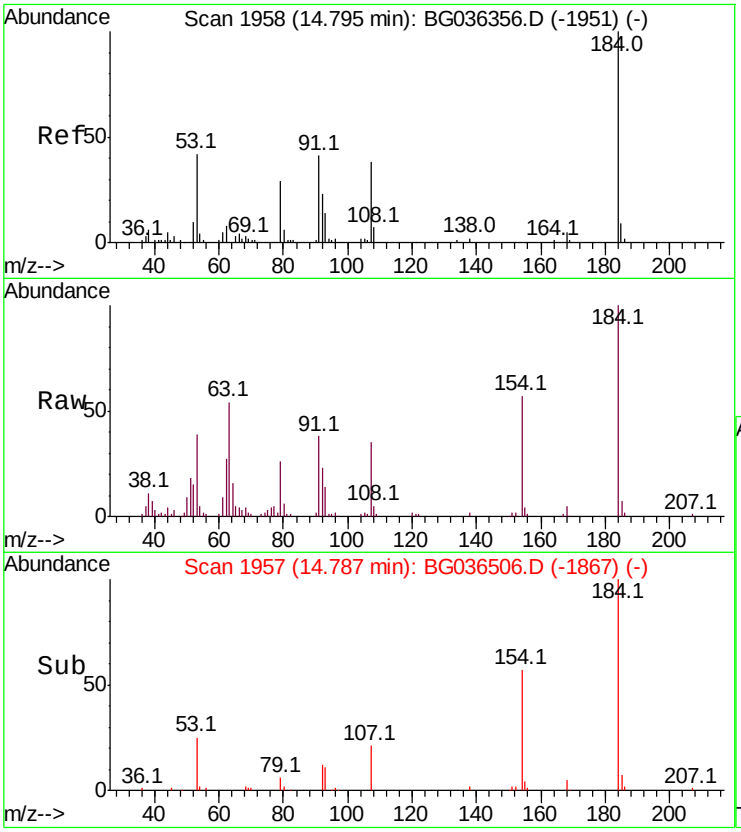




#52
3-Nitroaniline
Concen: 33.224 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:138 Resp: 104108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.9 | 9.4 | 14.2 |
| 92 | 114.5 | 96.8 | 145.2 |



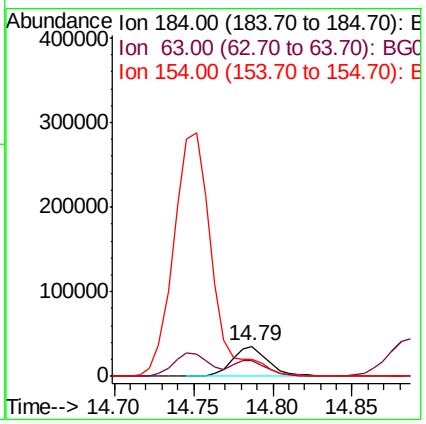


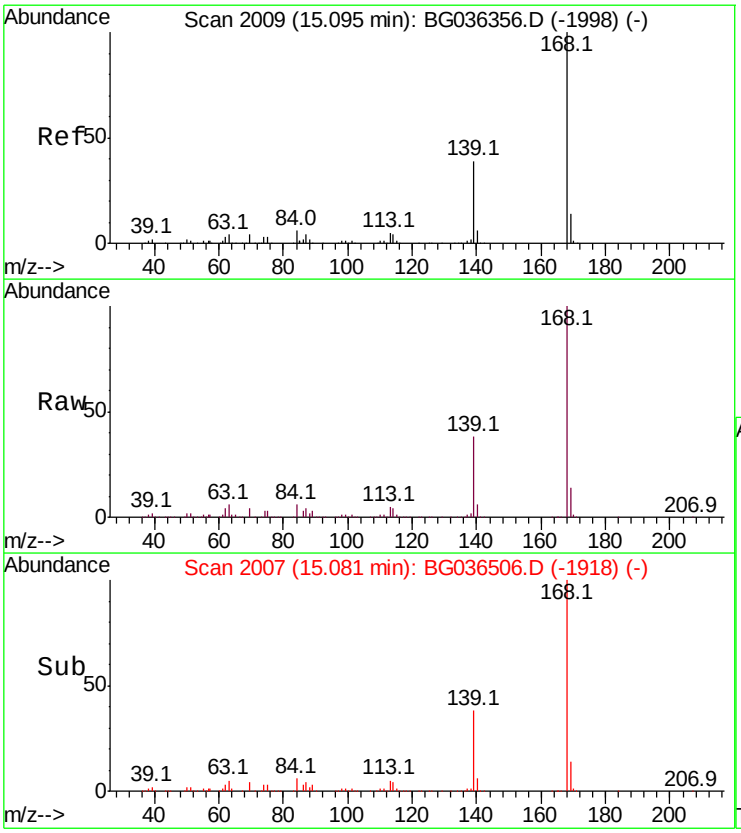

#53
2,4-Dinitrophenol
Concen: 50.755 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:184 Resp: 55901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 53.9 | 47.3 | 70.9 |
| 154 | 56.7 | 51.1 | 76.7 |

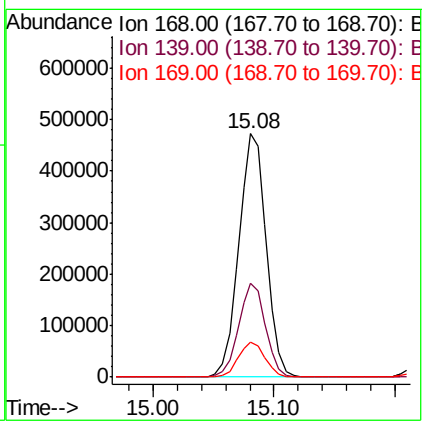


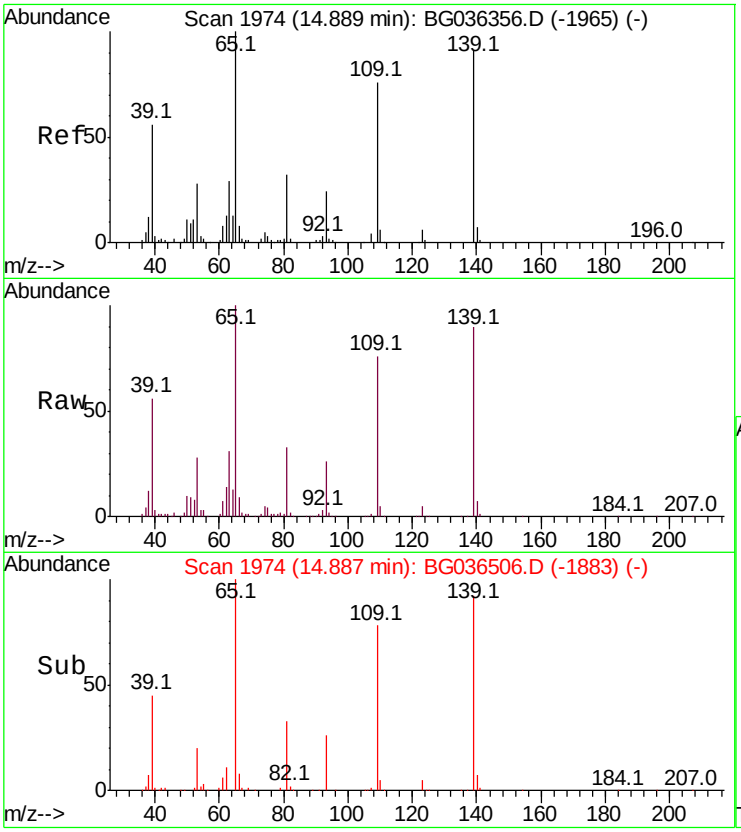




#54
Dibenzofuran
Concen: 43.155 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:168 Resp: 742115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.3 | 31.0 | 46.6 |
| 169 | 14.4 | 11.1 | 16.7 |



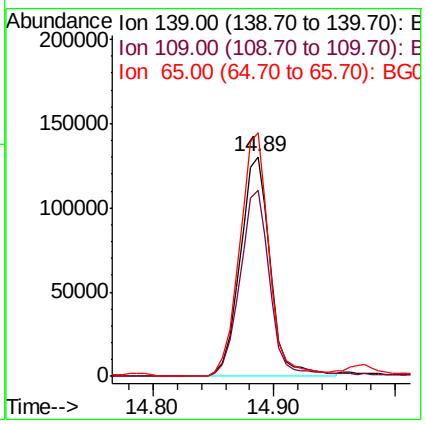


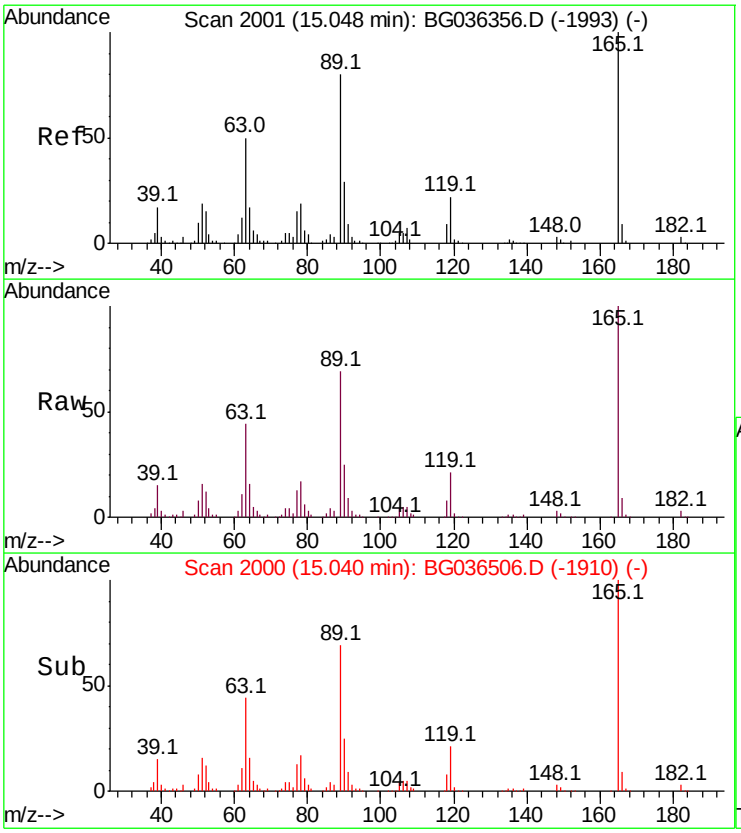

#55
4-Nitrophenol
Concen: 88.521 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:139 Resp: 226795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 84.7 | 63.9 | 103.9 |
| 65 | 111.0 | 90.0 | 130.0 |

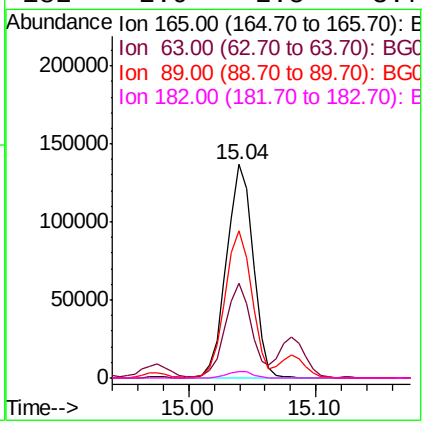


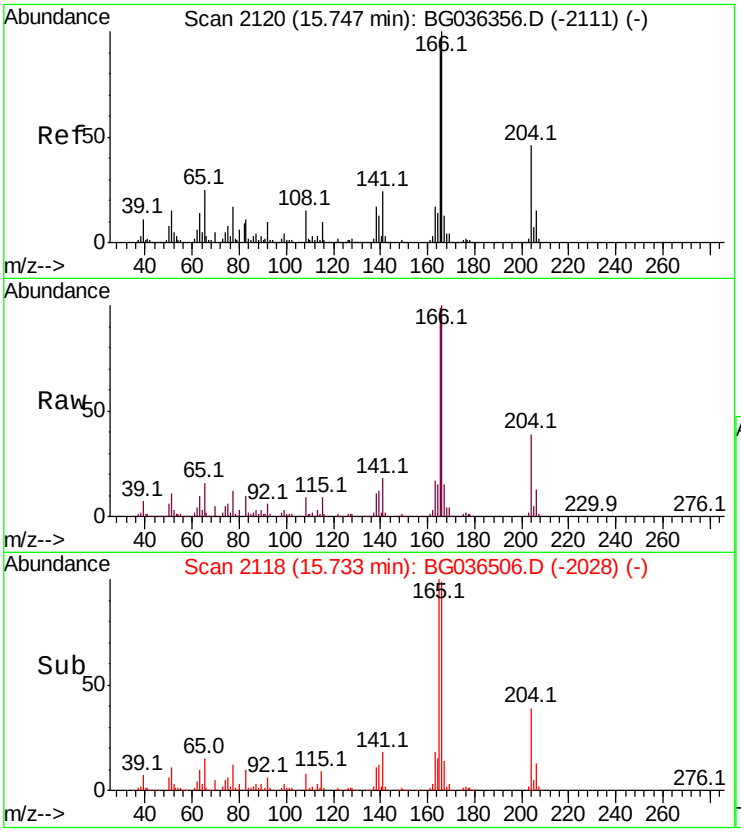




#56
2,4-Dinitrotoluene
Concen: 52.251 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:165 Resp: 198016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.2 | 40.1 | 60.1 |
| 89 | 69.1 | 63.7 | 95.5 |
| 182 | 2.9 | 2.5 | 3.7 |



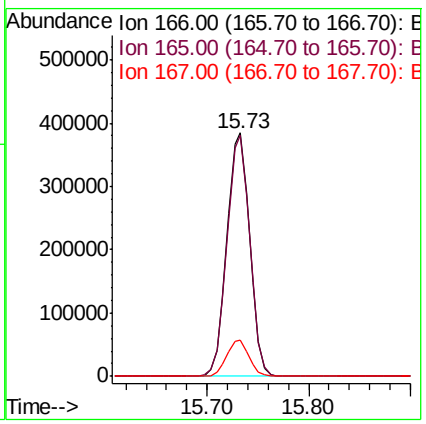


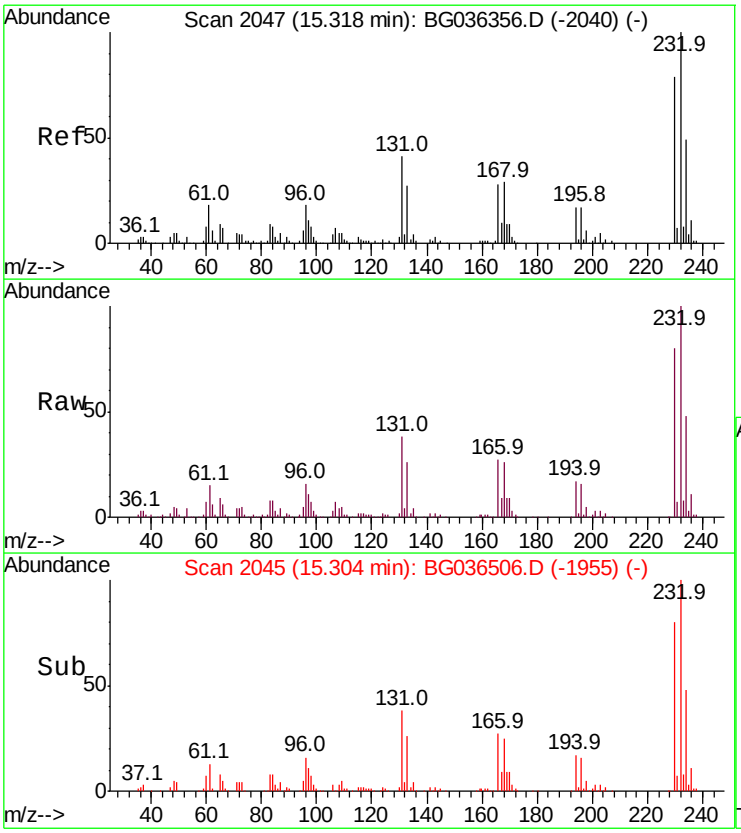

#57
Fluorene
Concen: 46.621 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:166 Resp: 599335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.2 | 77.0 | 115.4 |
| 167 | 14.8 | 10.6 | 16.0 |

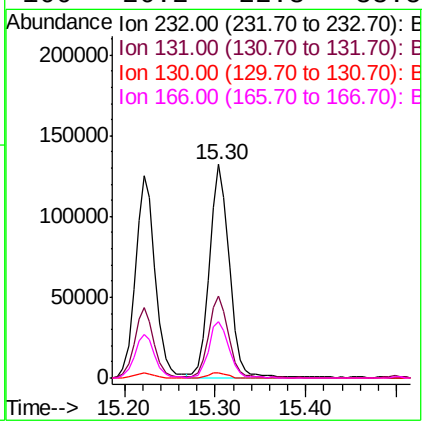


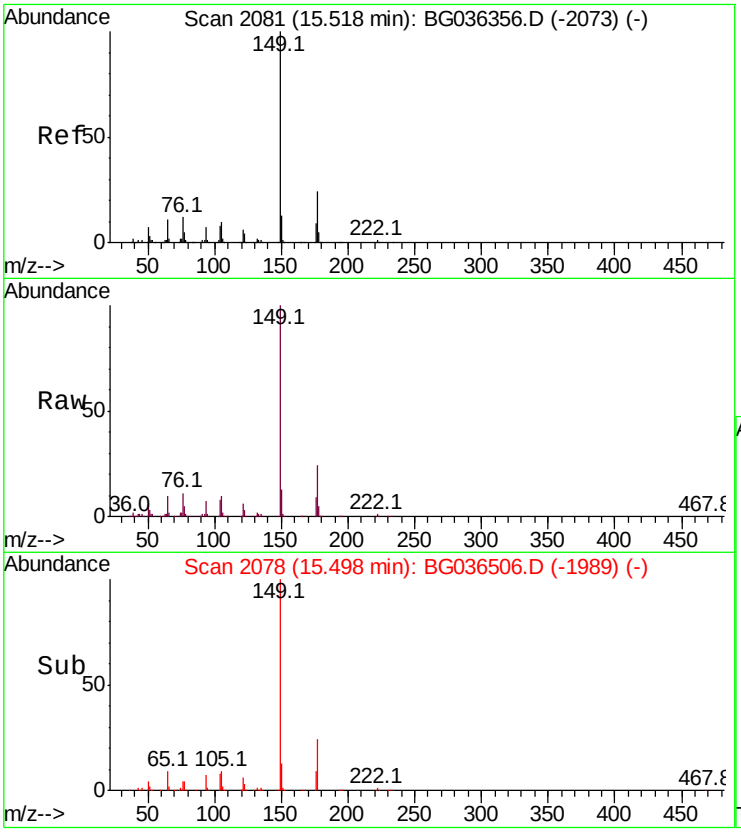




#58
2,3,4,6-Tetrachlorophenol
Concen: 53.708 ng
RT: 15.30 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:232 Resp: 200790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.4 | 33.8 | 50.8 |
| 130 | 2.3 | 2.1 | 3.1 |
| 166 | 26.2 | 22.3 | 33.5 |



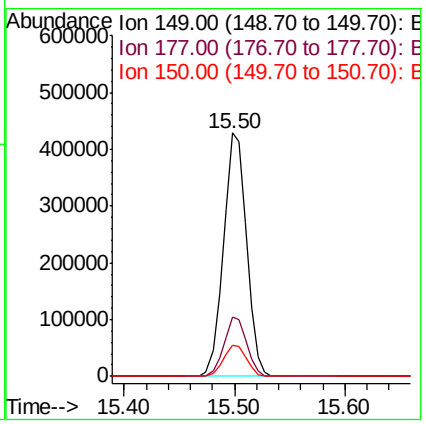


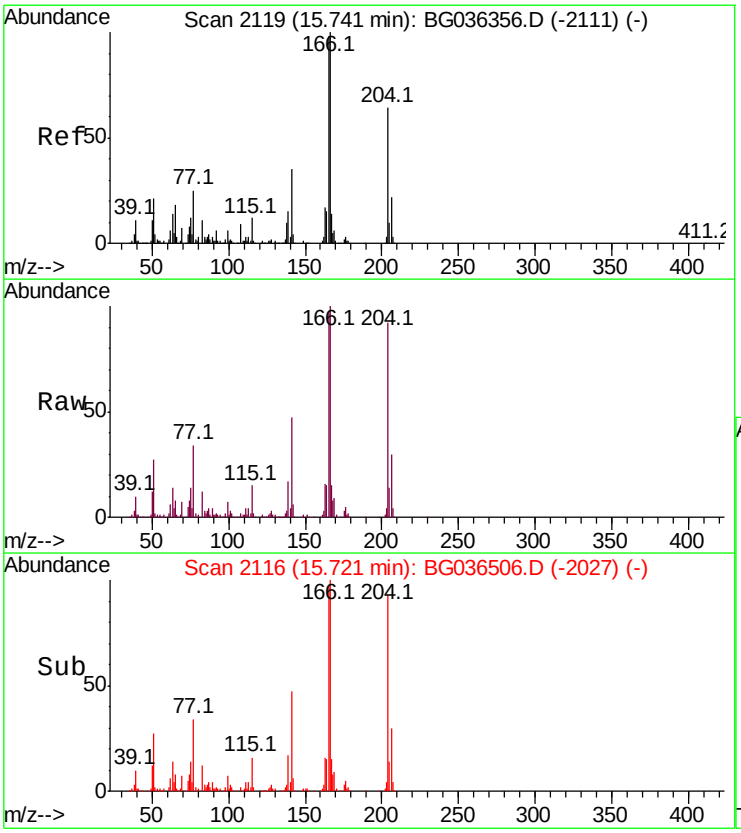

#59
Diethylphthalate
Concen: 43.915 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:149 Resp: 625396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 19.1 | 28.7 |
| 150 | 12.9 | 10.7 | 16.1 |

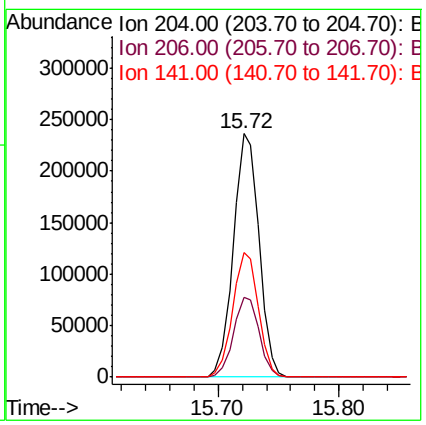


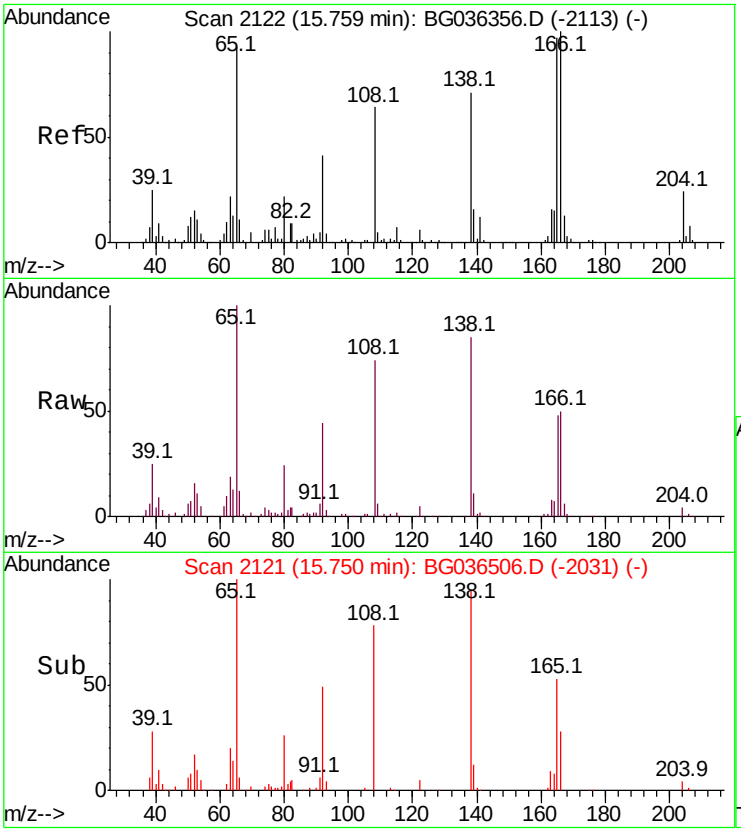




#60
4-Chlorophenyl-phenylether
Concen: 43.920 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:204 Resp: 348647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 27.0 | 40.4 |
| 141 | 51.3 | 43.8 | 65.6 |



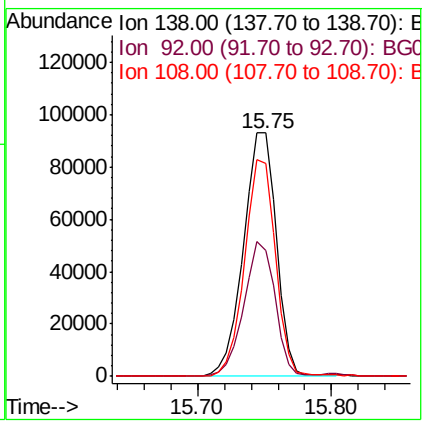


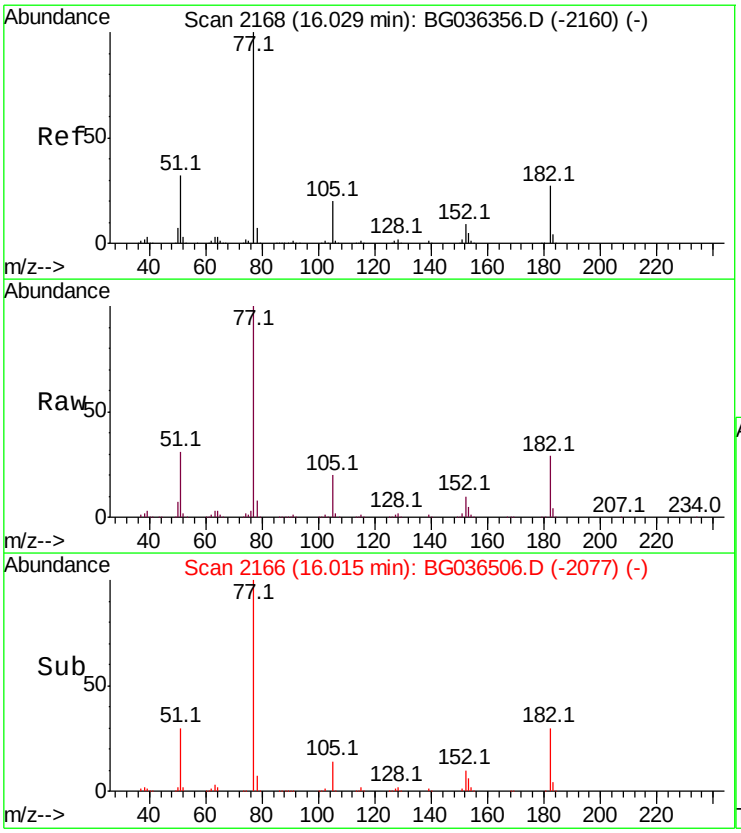

#61
4-Nitroaniline
Concen: 48.270 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:138 Resp: 158277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.5 | 38.5 | 78.5 |
| 108 | 87.5 | 70.3 | 110.3 |

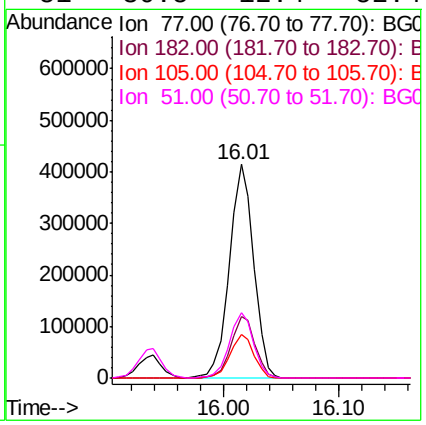


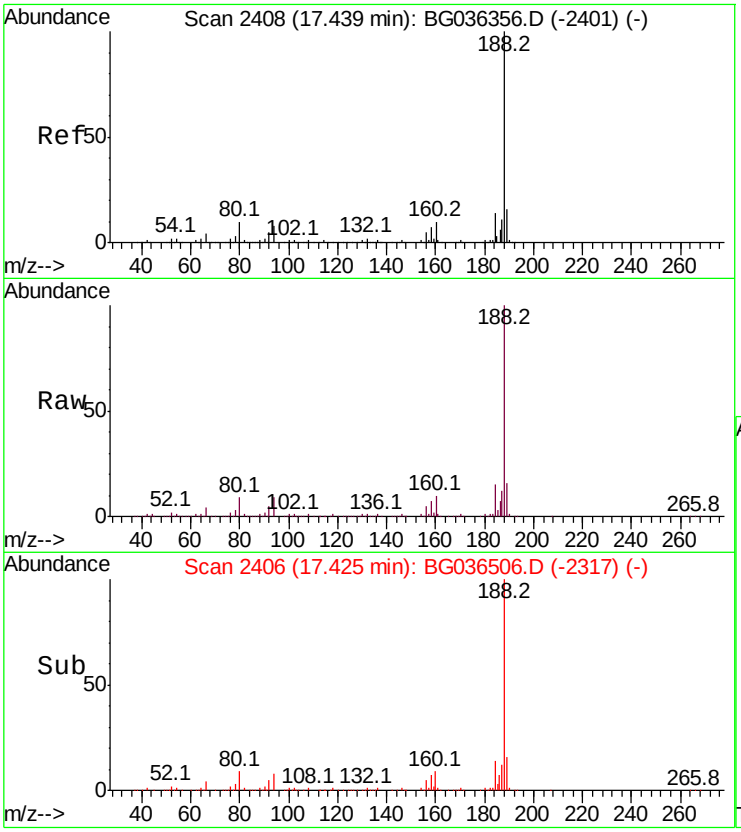




#62
Azobenzene
Concen: 41.424 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion: 77 Resp: 600232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 6.7 | 46.7 |
| 105 | 20.4 | 0.0 | 39.8 |
| 51 | 30.5 | 12.4 | 52.4 |



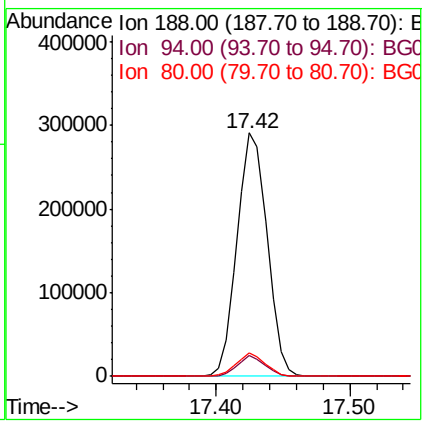


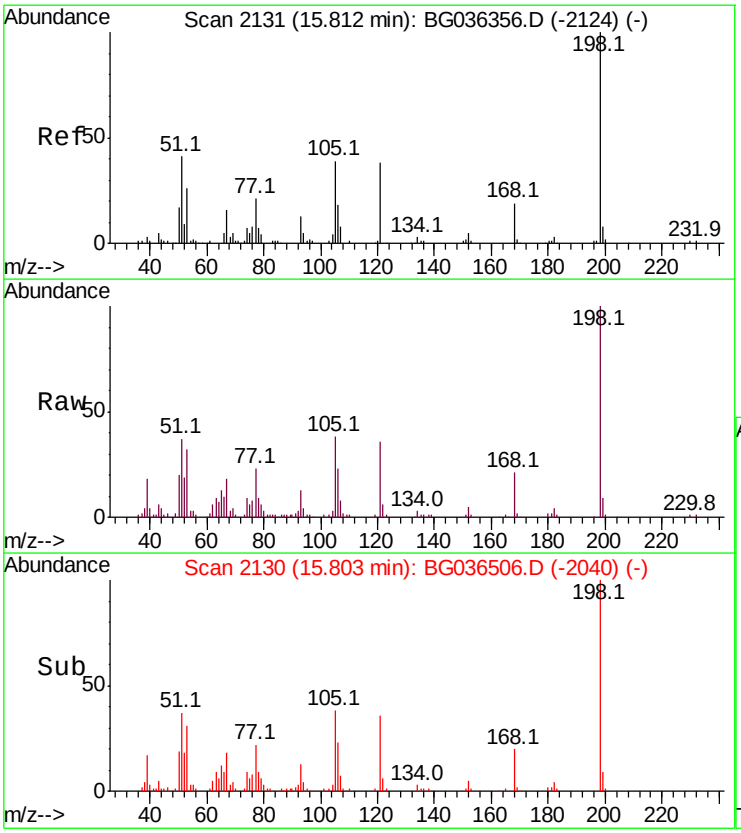

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:188 Resp: 454746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 6.7 | 10.1 |
| 80 | 9.5 | 8.1 | 12.1 |

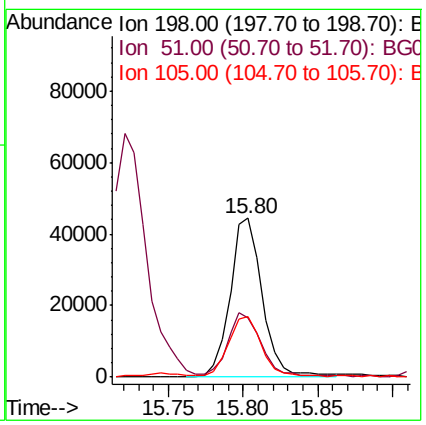


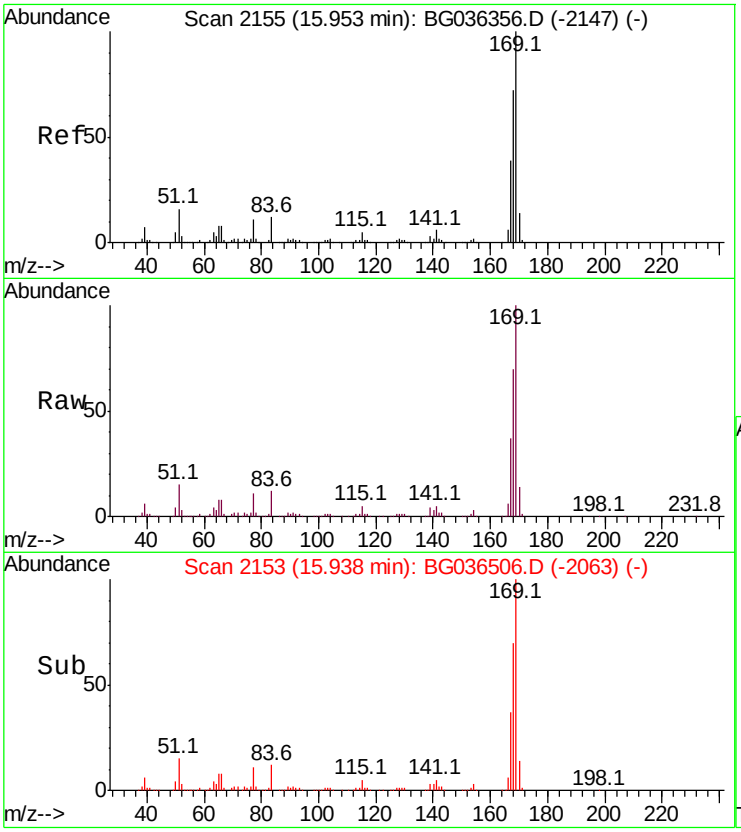




#64
4,6-Dinitro-2-methylphenol
Concen: 33.653 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:198 Resp: 67226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.4 | 26.5 | 66.5 |
| 105 | 38.3 | 20.2 | 60.2 |



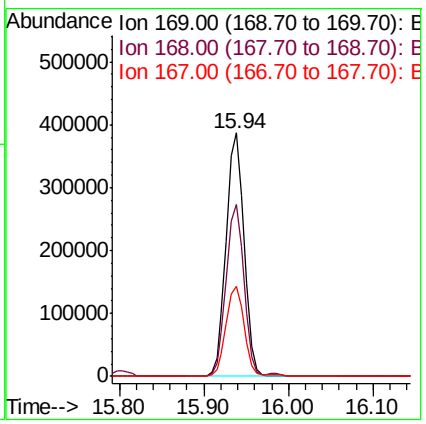


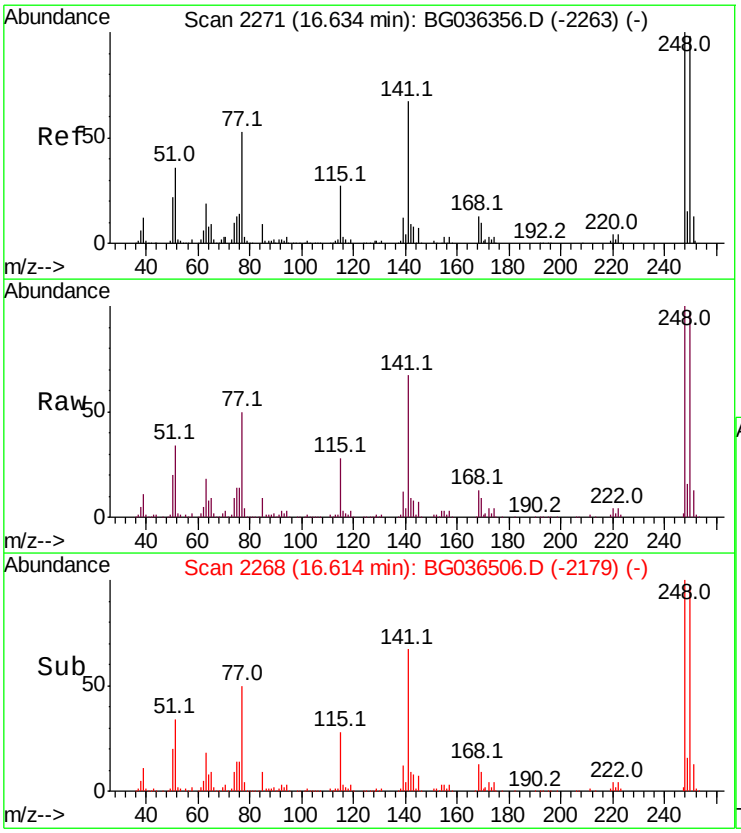

#65
n-Nitrosodiphenylamine
Concen: 41.441 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:169 Resp: 559952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.4 | 57.6 | 86.4 |
| 167 | 37.2 | 31.0 | 46.4 |

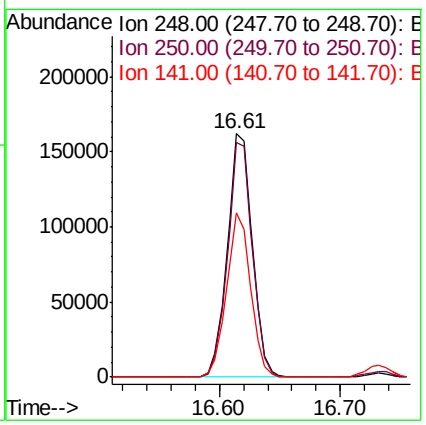


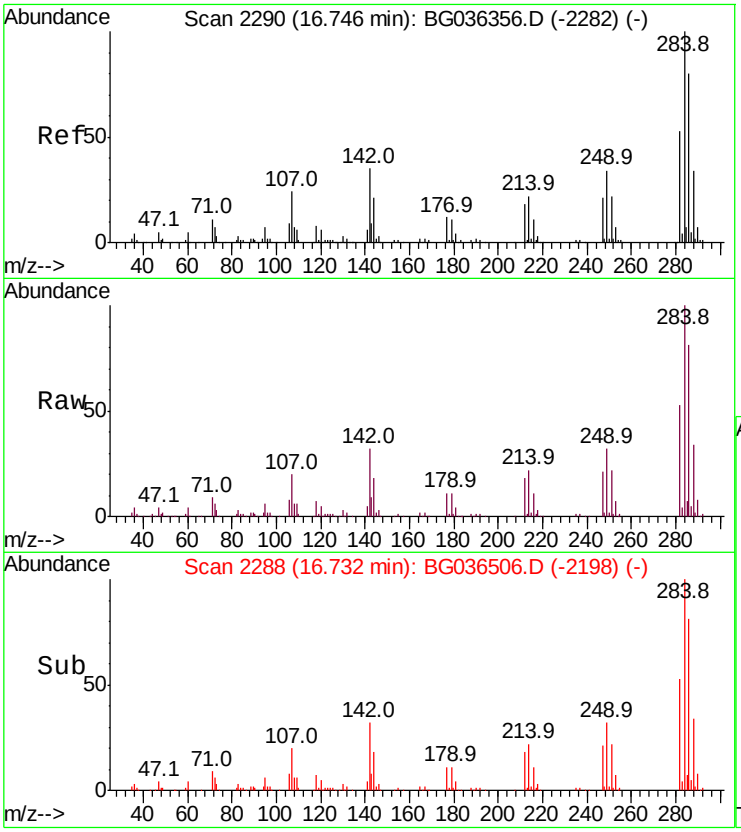




#66
4-Bromophenyl-phenylether
Concen: 43.613 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:248 Resp: 232201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 78.1 | 117.1 |
| 141 | 67.5 | 53.7 | 80.5 |



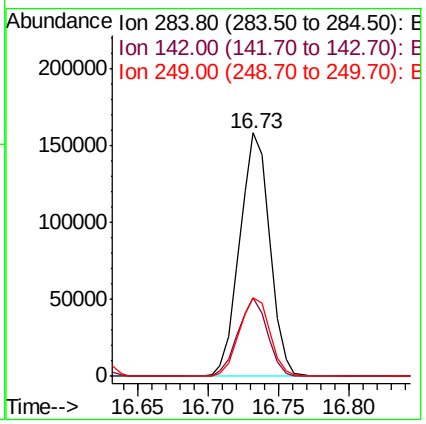


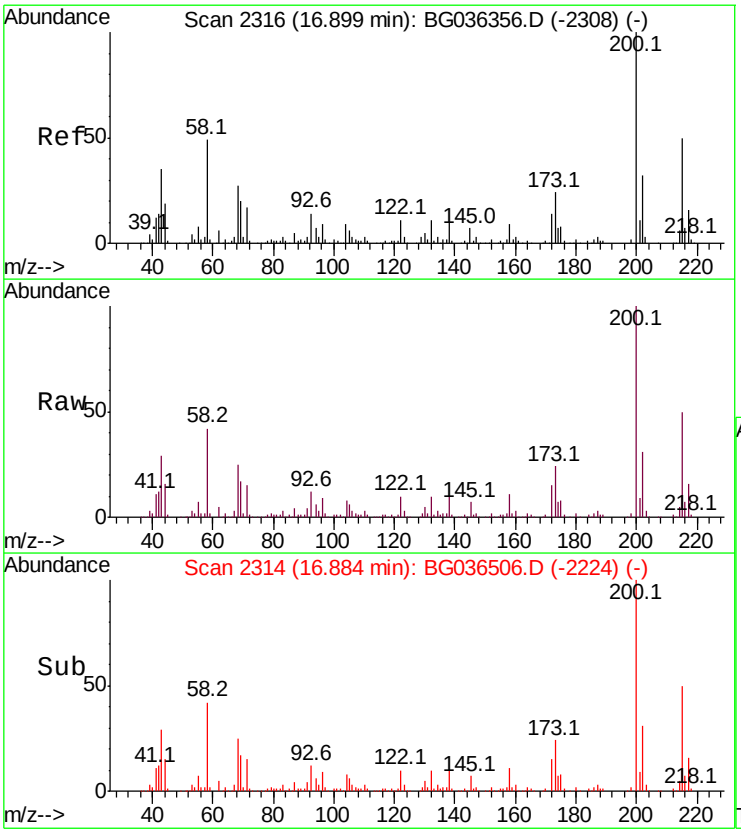

#67
Hexachlorobenzene
Concen: 43.274 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:284 Resp: 235589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.1 | 27.8 | 41.6 |
| 249 | 32.2 | 27.4 | 41.2 |

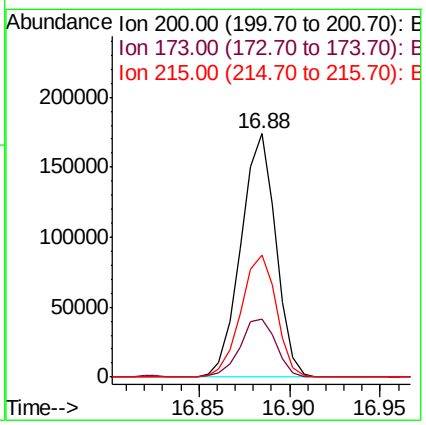


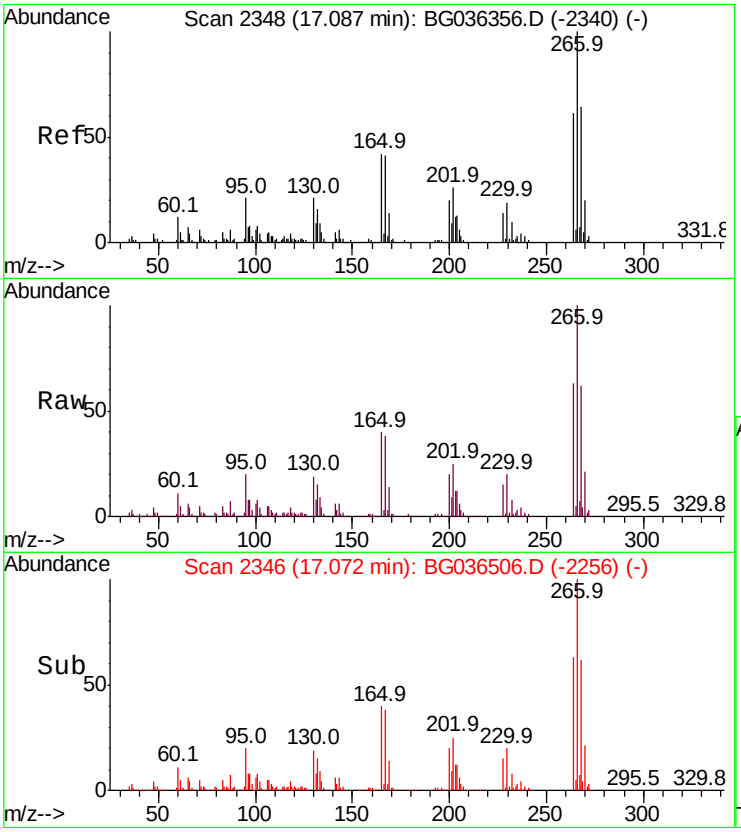




#68
Atrazine
Concen: 46.113 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:200 Resp: 233875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.0 | 3.9 | 43.9 |
| 215 | 49.9 | 30.4 | 70.4 |



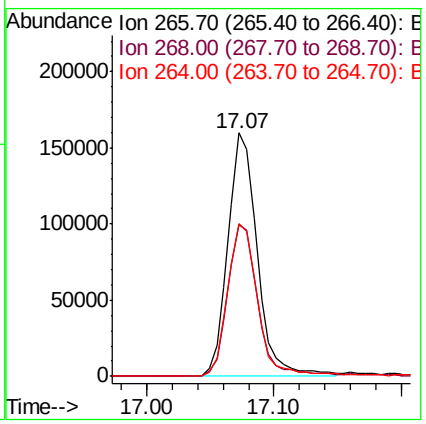


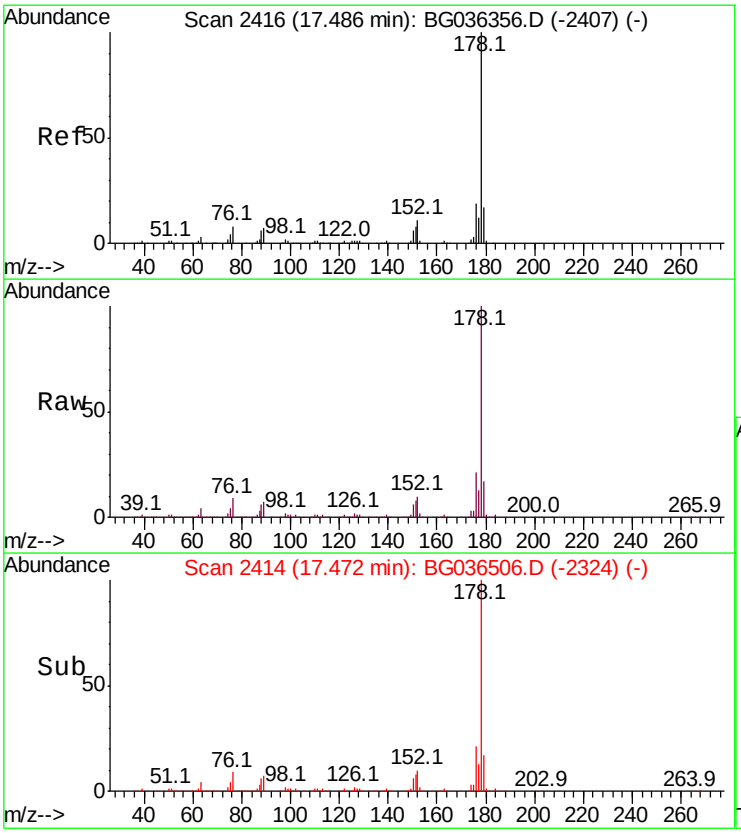

#69
Pentachlorophenol
Concen: 69.135 ng
RT: 17.07 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:266 Resp: 255800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.4 | 51.4 | 77.2 |
| 264 | 62.9 | 48.9 | 73.3 |

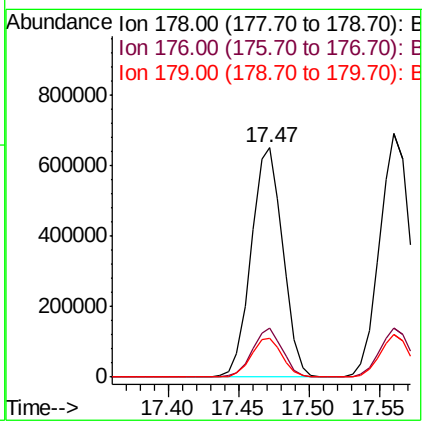


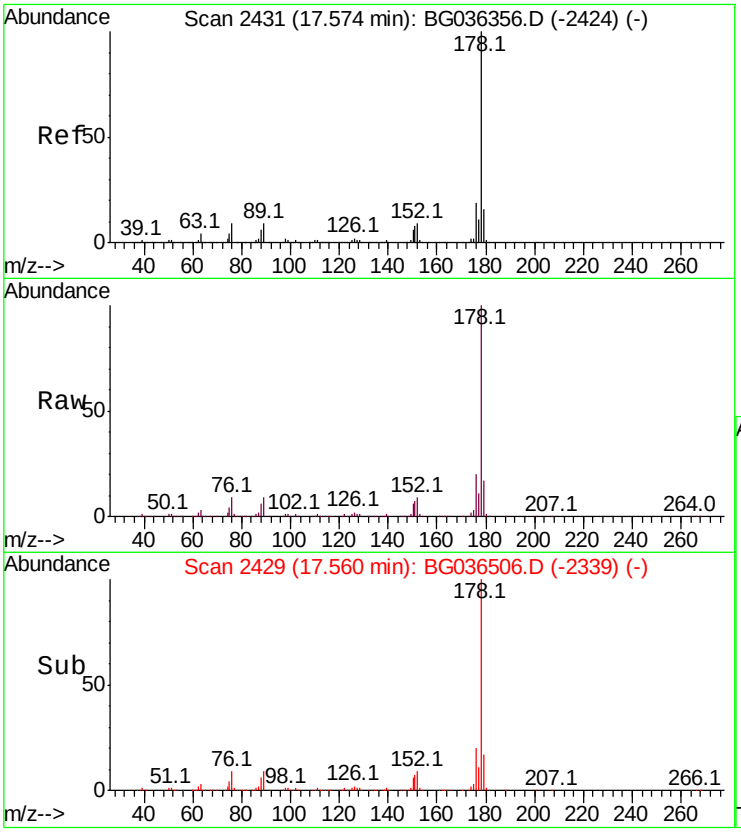




#70
Phenanthrene
Concen: 44.411 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:178 Resp: 1026195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.4 | 15.4 | 23.2 |
| 179 | 17.1 | 13.4 | 20.2 |



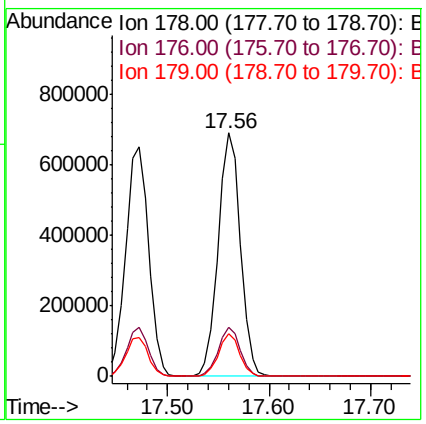


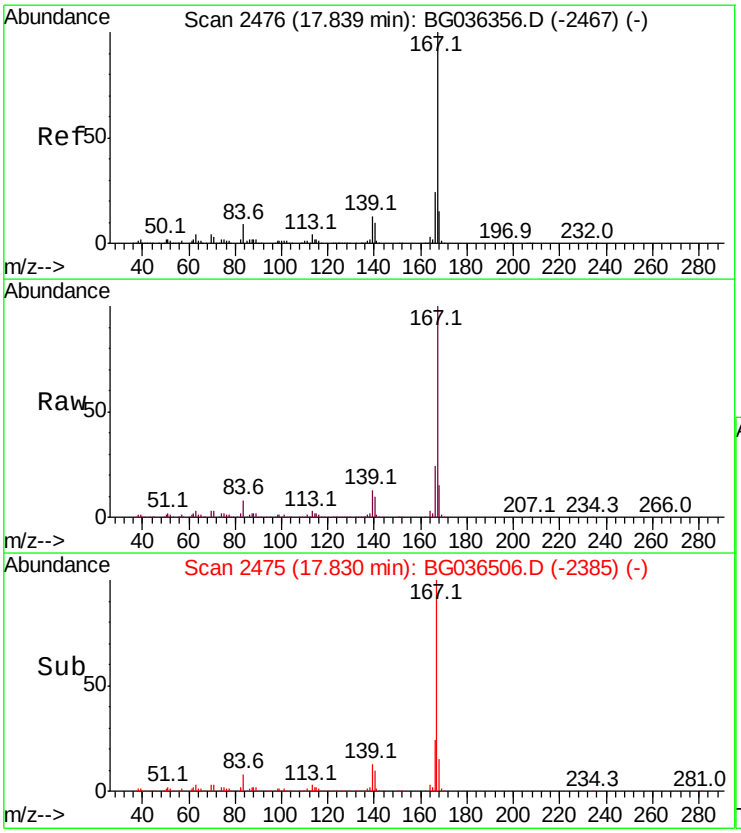

#71
Anthracene
Concen: 45.602 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:178 Resp: 1050371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.1 | 15.4 | 23.2 |
| 179 | 17.3 | 13.0 | 19.4 |

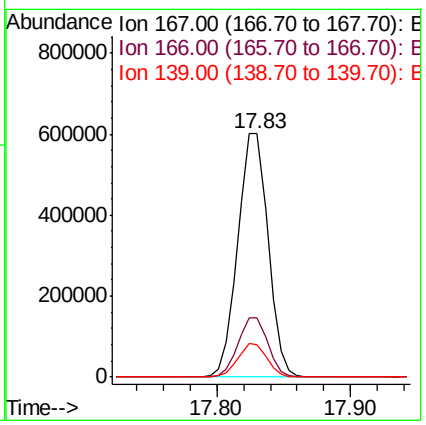


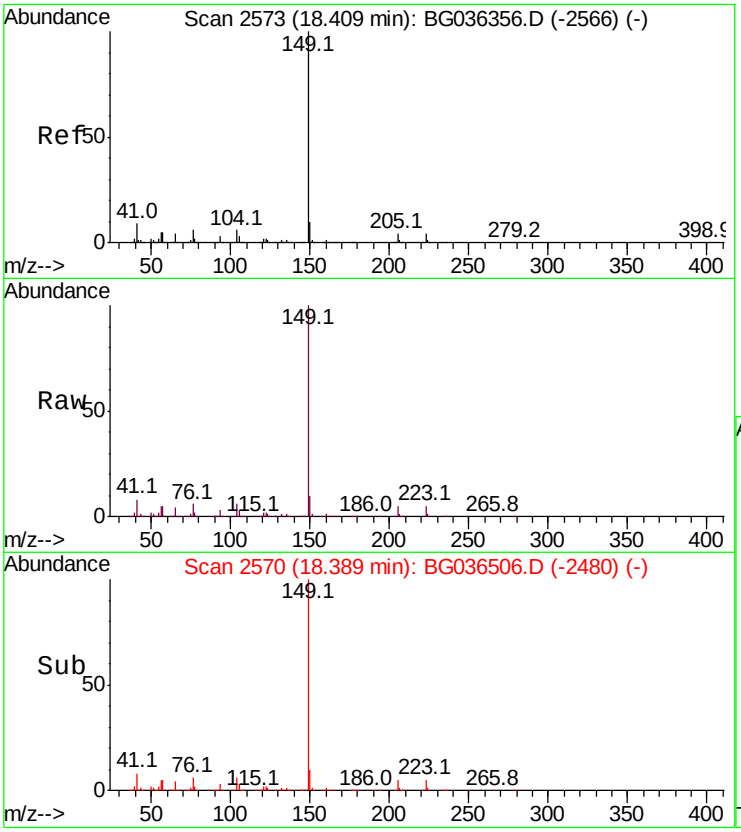




#72
Carbazole
Concen: 41.065 ng
RT: 17.83 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:167 Resp: 944644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.5 | 19.5 | 29.3 |
| 139 | 13.2 | 10.7 | 16.1 |



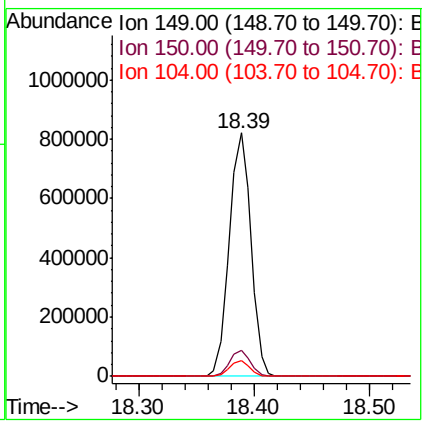


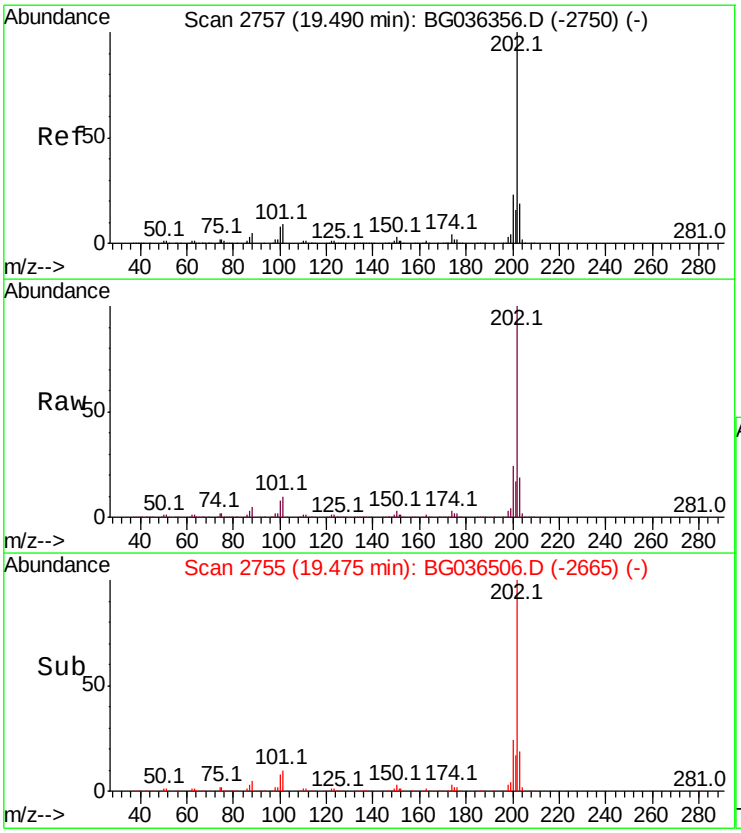

#73
Di-n-butylphthalate
Concen: 41.710 ng
RT: 18.39 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:149 Resp: 1068421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.5 | 8.1 | 12.1 |
| 104 | 6.3 | 4.6 | 6.8 |

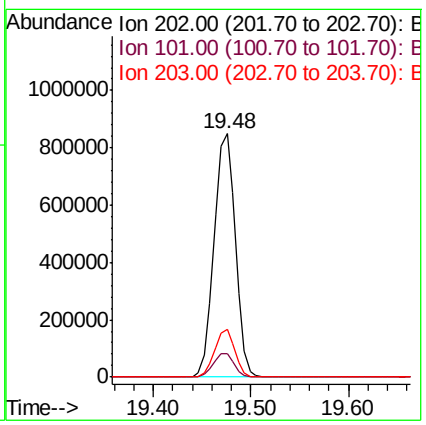


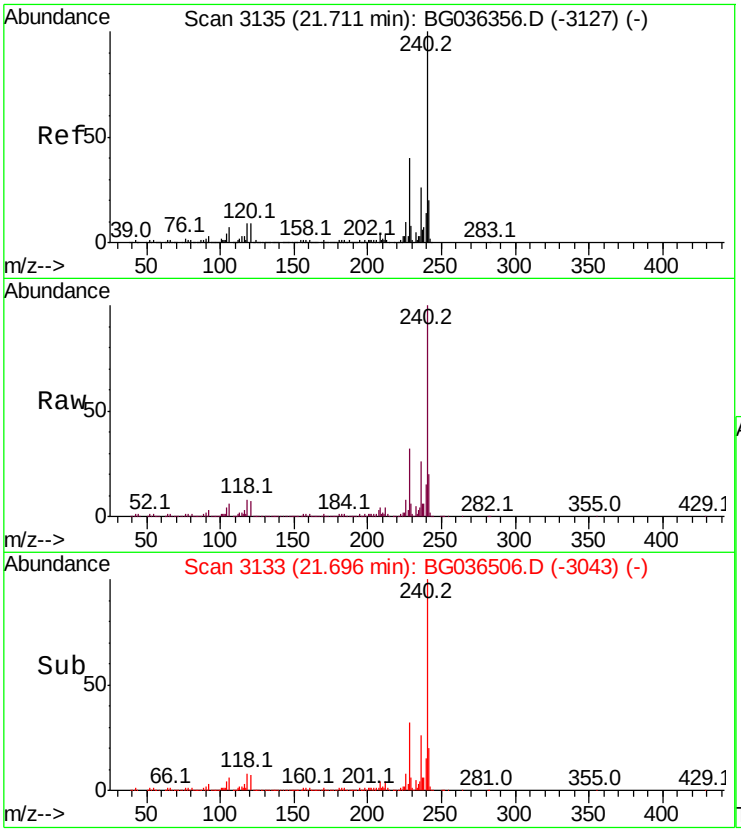




#74
Fluoranthene
Concen: 45.566 ng
RT: 19.48 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:202 Resp: 1283688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 0.0 | 29.4 |
| 203 | 19.4 | 0.0 | 38.9 |



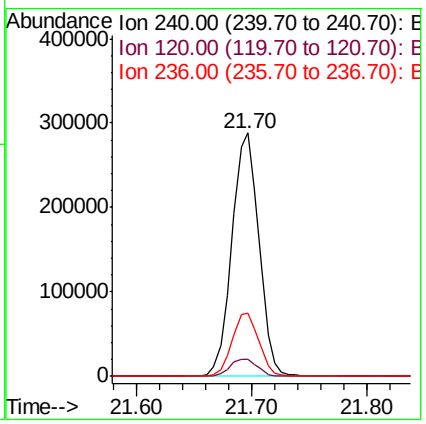


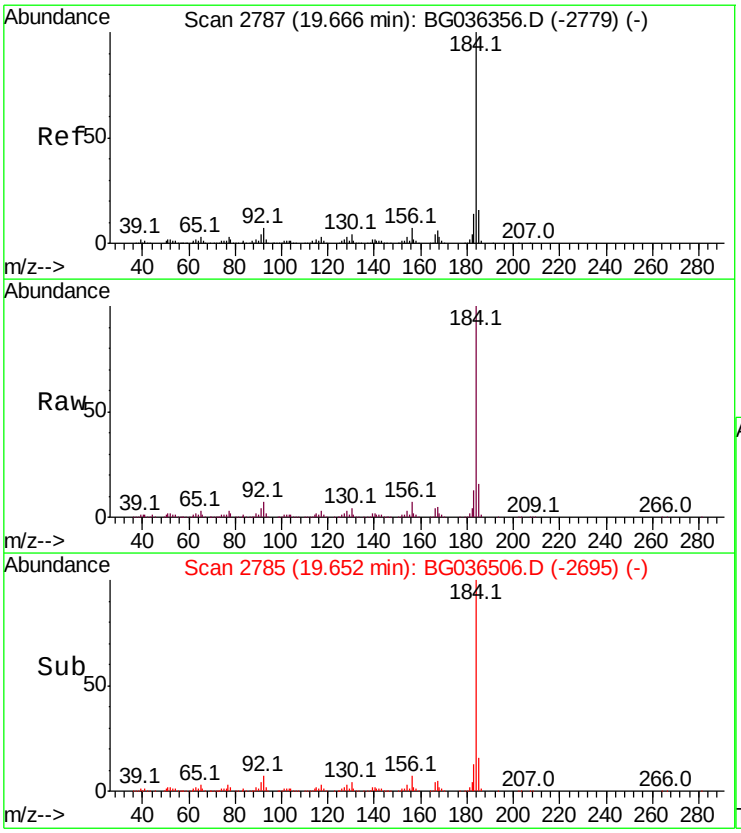

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:240 Resp: 467356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.2 | 6.9 | 10.3 |
| 236 | 26.1 | 21.2 | 31.8 |

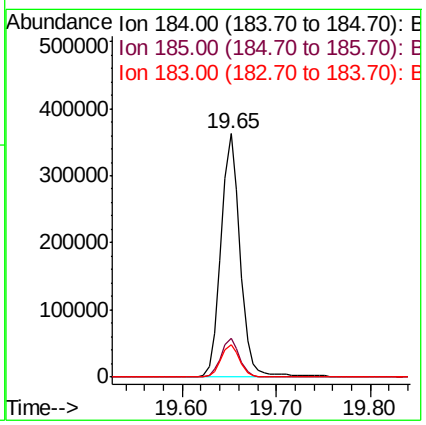


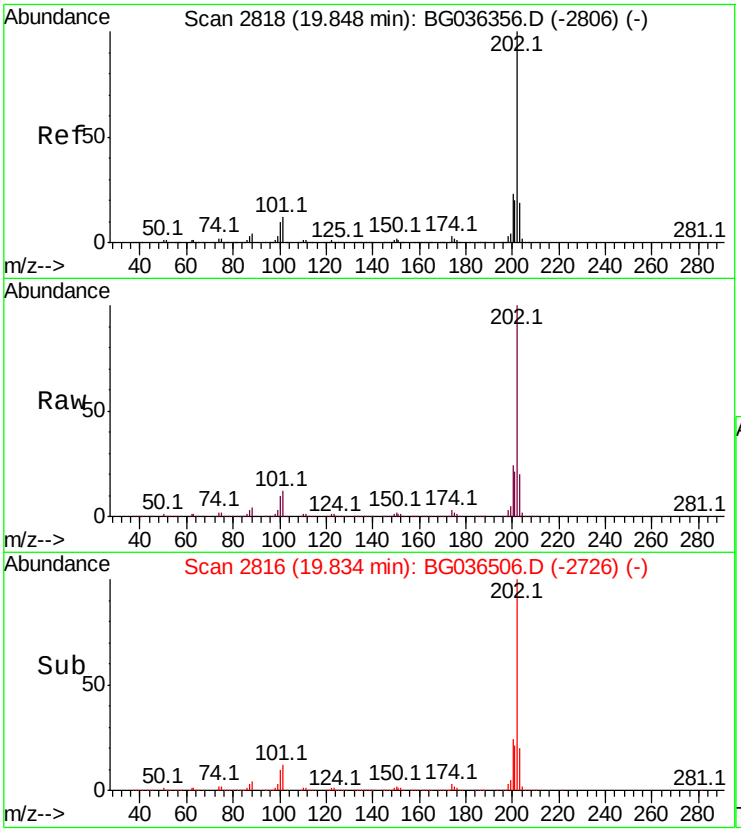




#76
Benzidine
Concen: 34.777 ng
RT: 19.65 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:184 Resp: 518552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 12.6 | 18.8 |
| 183 | 13.1 | 10.9 | 16.3 |



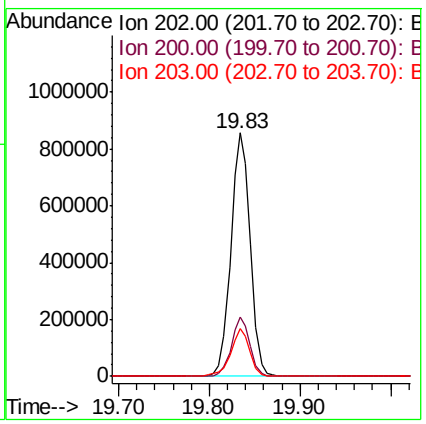


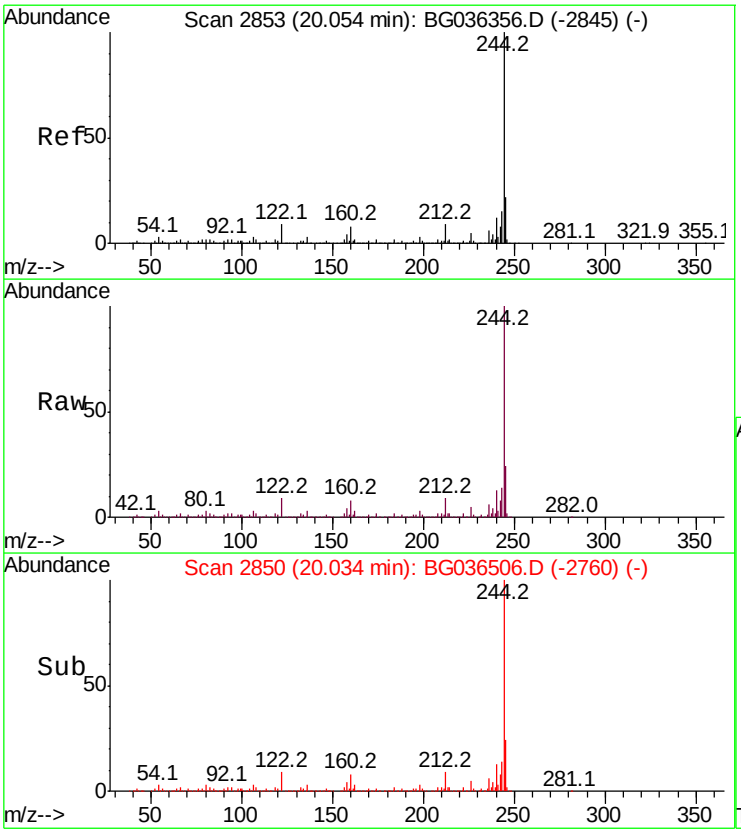

#77
Pyrene
Concen: 44.181 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:202 Resp: 1269732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.2 | 18.3 | 27.5 |
| 203 | 19.7 | 15.1 | 22.7 |

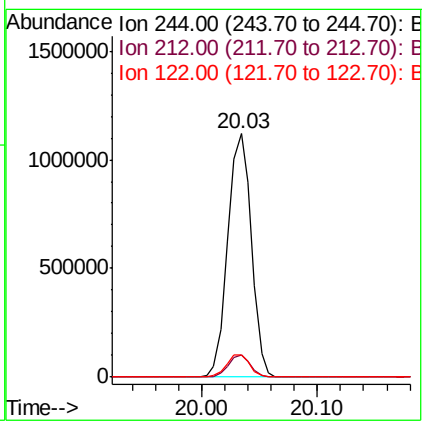


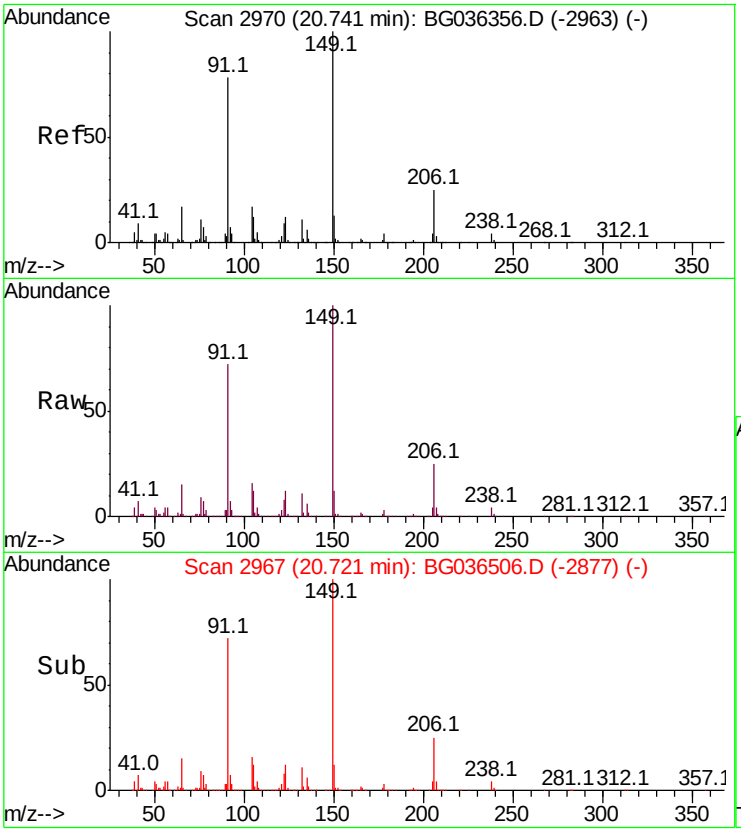




#78
Terphenyl-d14
Concen: 79.005 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:244 Resp: 1579722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 7.0 | 10.6 |
| 122 | 9.2 | 7.1 | 10.7 |



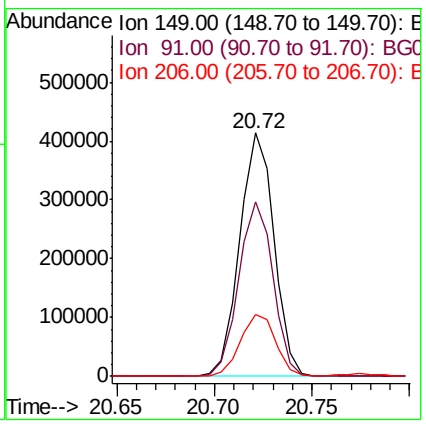


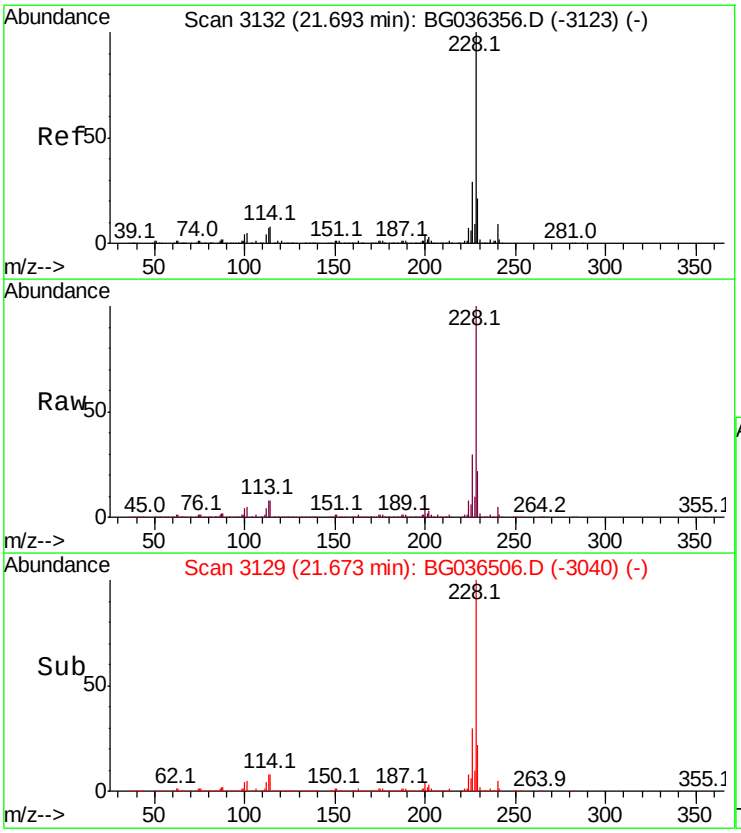

#79
Butylbenzylphthalate
Concen: 44.128 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:149 Resp: 504717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.8 | 62.0 | 93.0 |
| 206 | 25.5 | 19.6 | 29.4 |

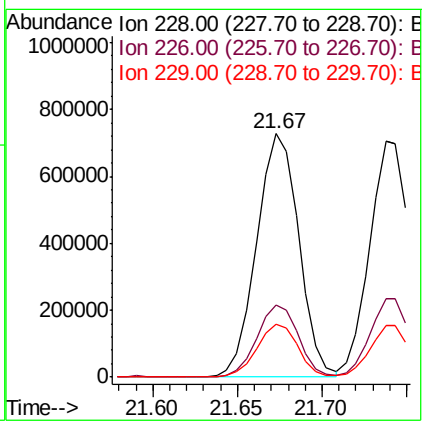


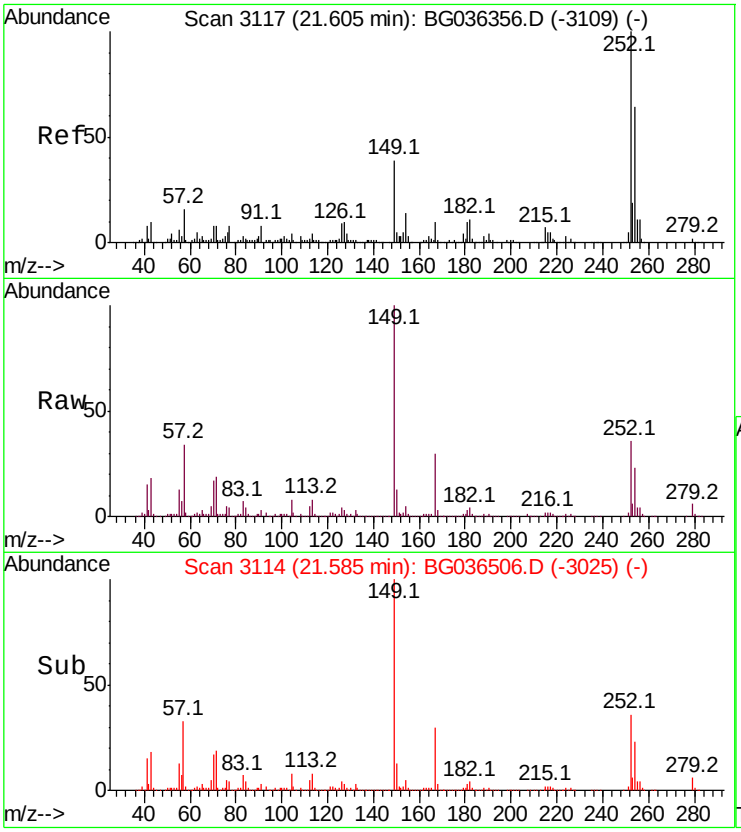




#80
Benzo(a)anthracene
Concen: 44.621 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:228 Resp: 1263367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.4 | 35.2 |
| 229 | 21.8 | 17.1 | 25.7 |



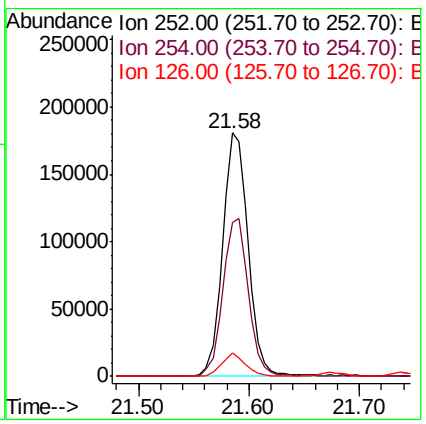


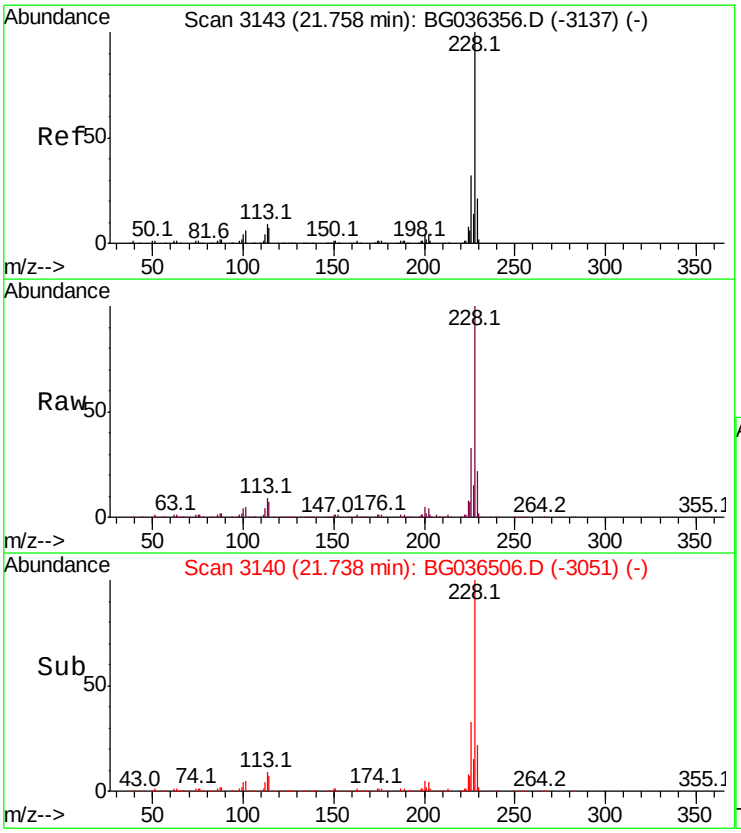

#81
3,3'-Dichlorobenzidine
Concen: 25.932 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:252 Resp: 292614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.2 | 51.0 | 76.4 |
| 126 | 9.7 | 7.4 | 11.0 |

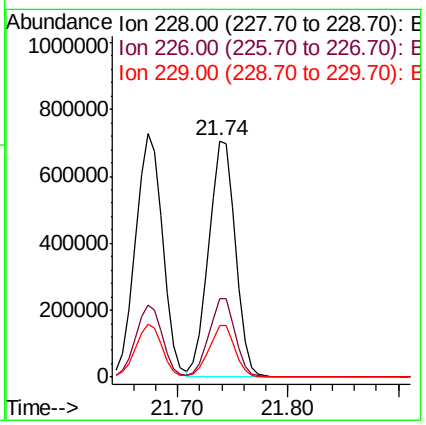


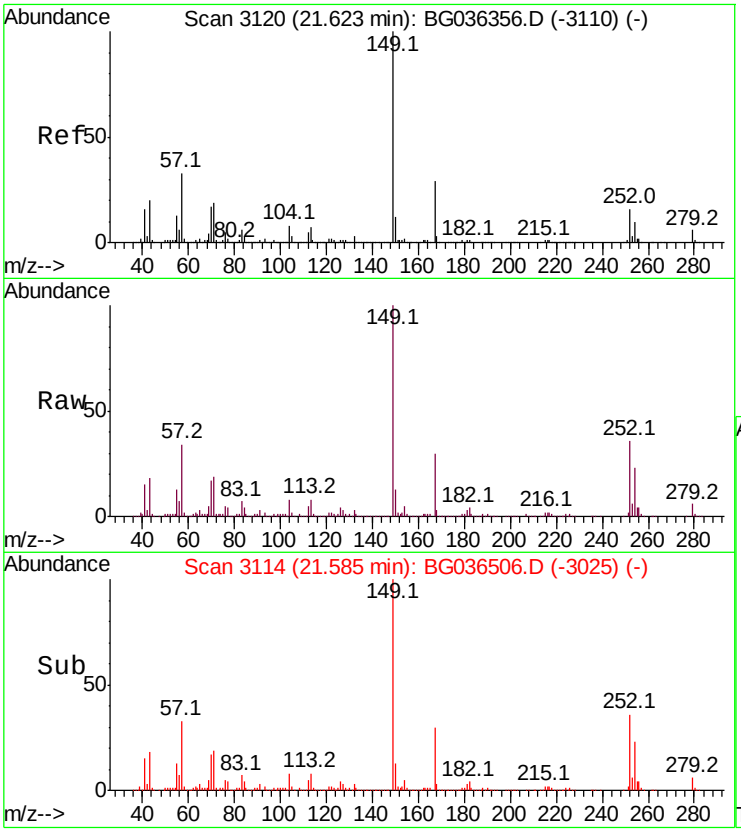




#82
Chrysene
Concen: 43.845 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:228 Resp: 1176669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.3 | 25.5 | 38.3 |
| 229 | 21.9 | 16.9 | 25.3 |



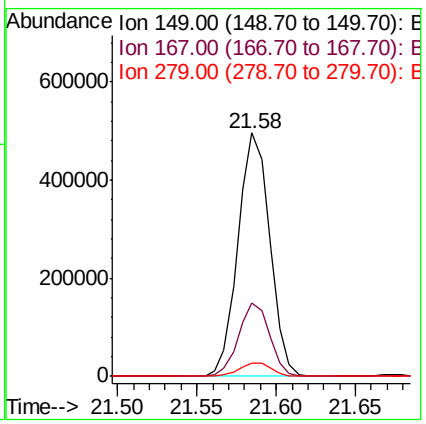


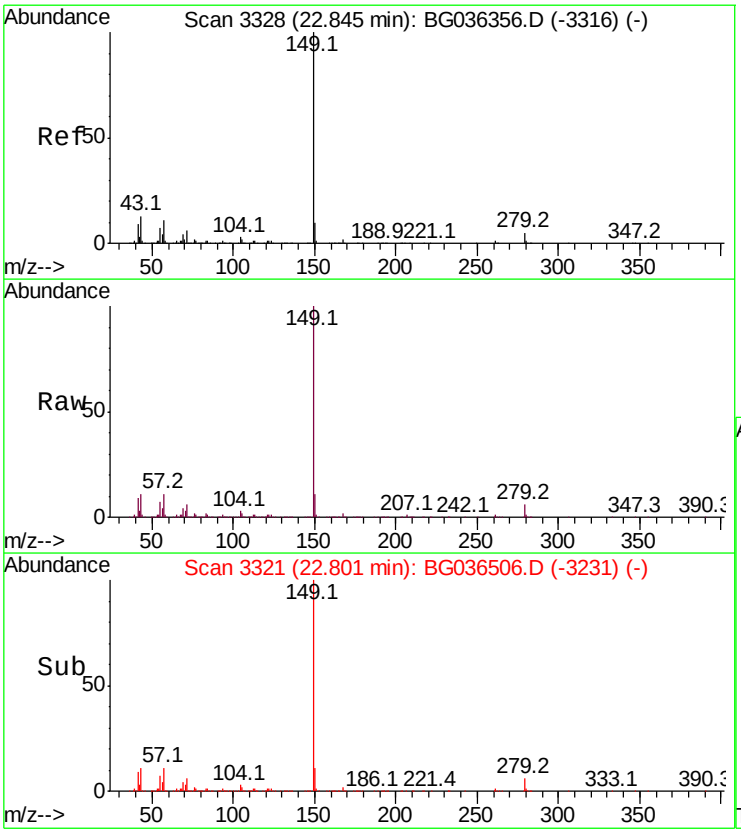

#83
Bis(2-ethylhexyl)phthalate
Concen: 43.090 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:149 Resp: 689662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.9 | 23.4 | 35.0 |
| 279 | 5.5 | 4.6 | 7.0 |

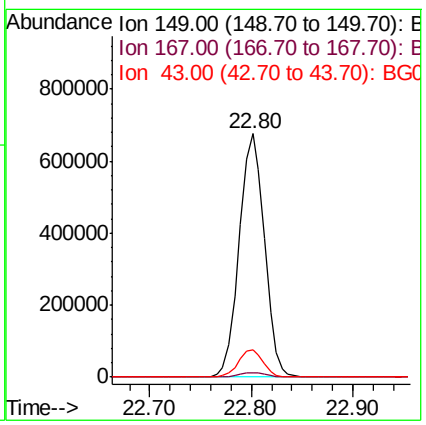


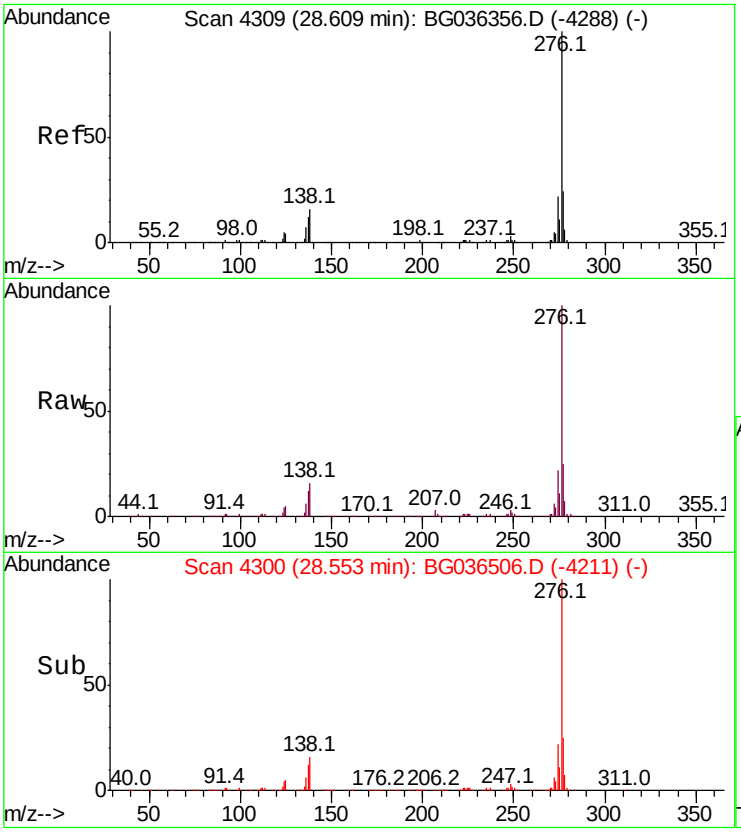




#84
Di-n-octyl phthalate
Concen: 43.744 ng
RT: 22.80 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:149 Resp: 1169436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 11.1 | 10.0 | 15.0 |



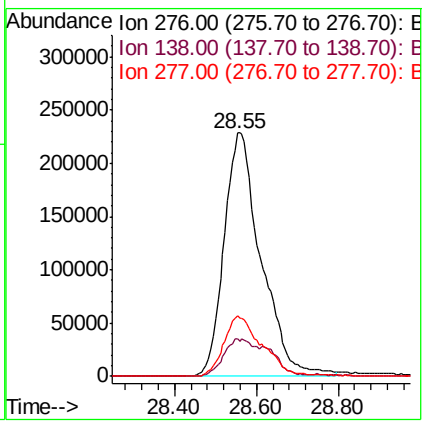


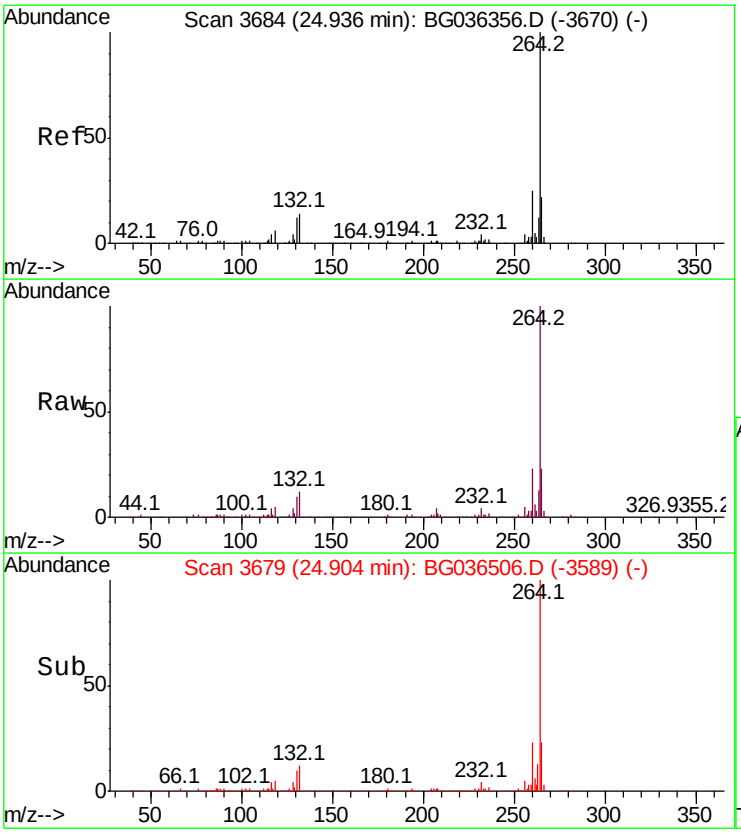

#85
Indeno(1,2,3-cd)pyrene
Concen: 46.002 ng
RT: 28.55 min Scan# 4300
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:276 Resp: 1433937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 7.0 | 10.6 | 15.8# |
| 277 | 25.4 | 20.6 | 30.8 |

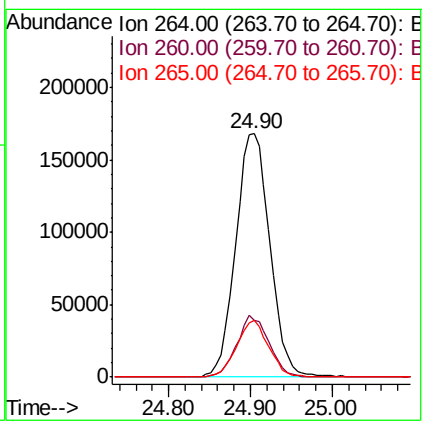


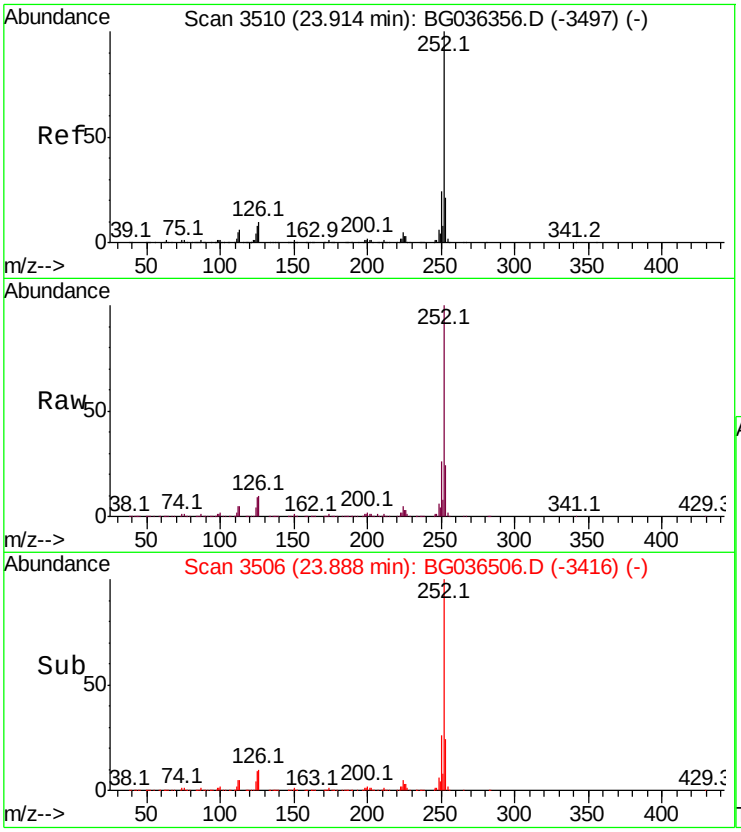




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:264 Resp: 488356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.6 | 29.4 |
| 265 | 23.4 | 17.4 | 26.0 |



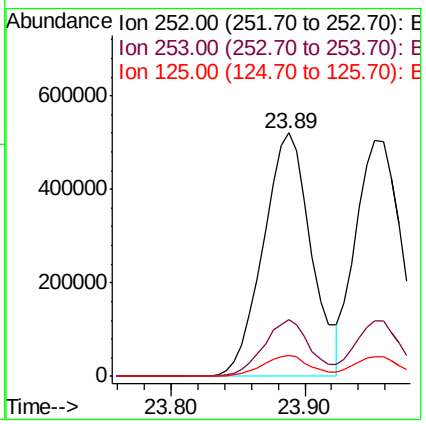


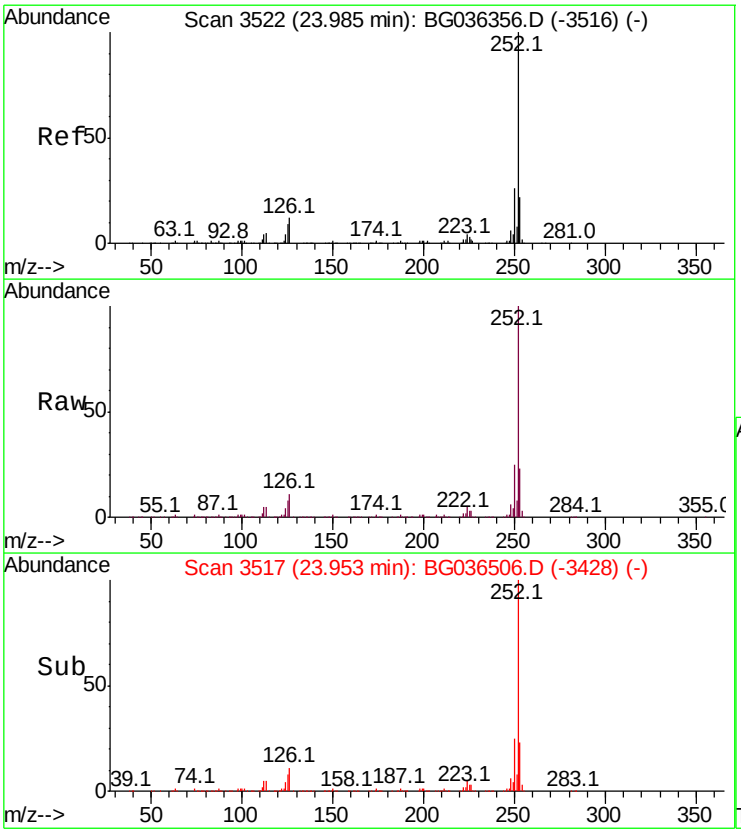

#87
Benzo(b)fluoranthene
Concen: 47.974 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:252 Resp: 1300974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 17.1 | 25.7 |
| 125 | 8.8 | 6.6 | 10.0 |

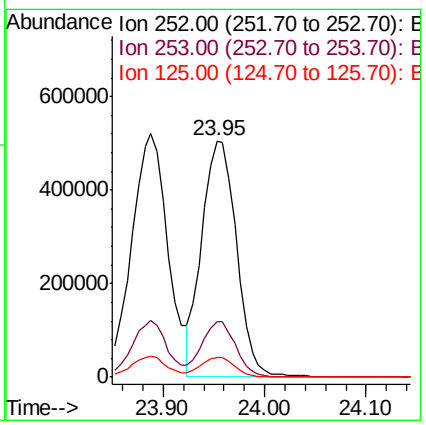


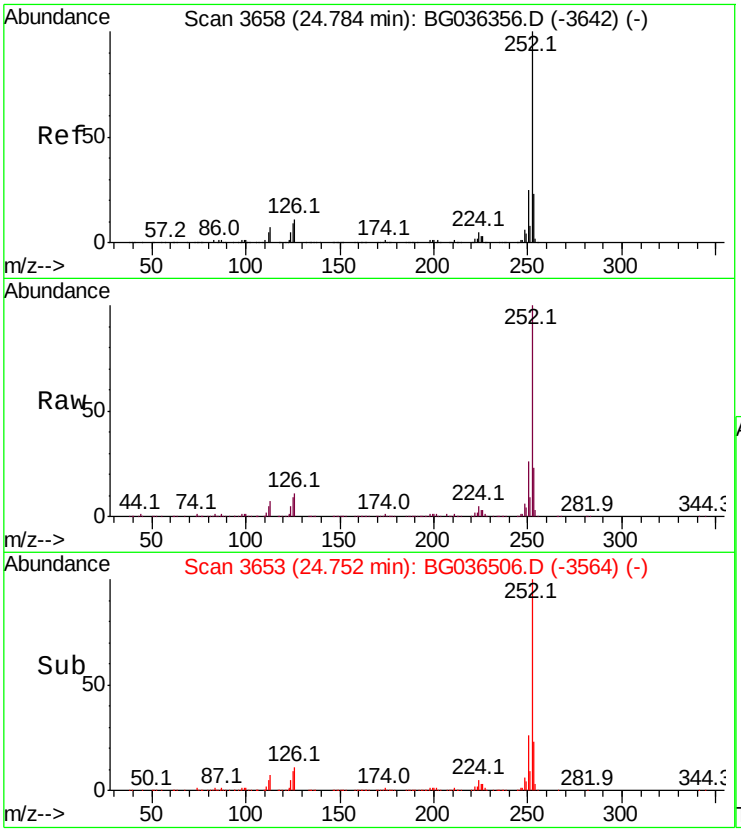




#88
Benzo(k)fluoranthene
Concen: 45.019 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:252 Resp: 1192700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.0 | 27.0 |
| 125 | 8.5 | 7.0 | 10.6 |



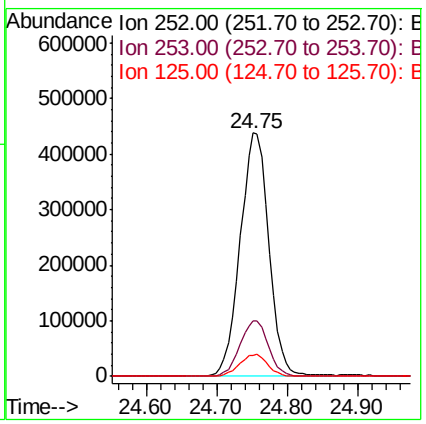


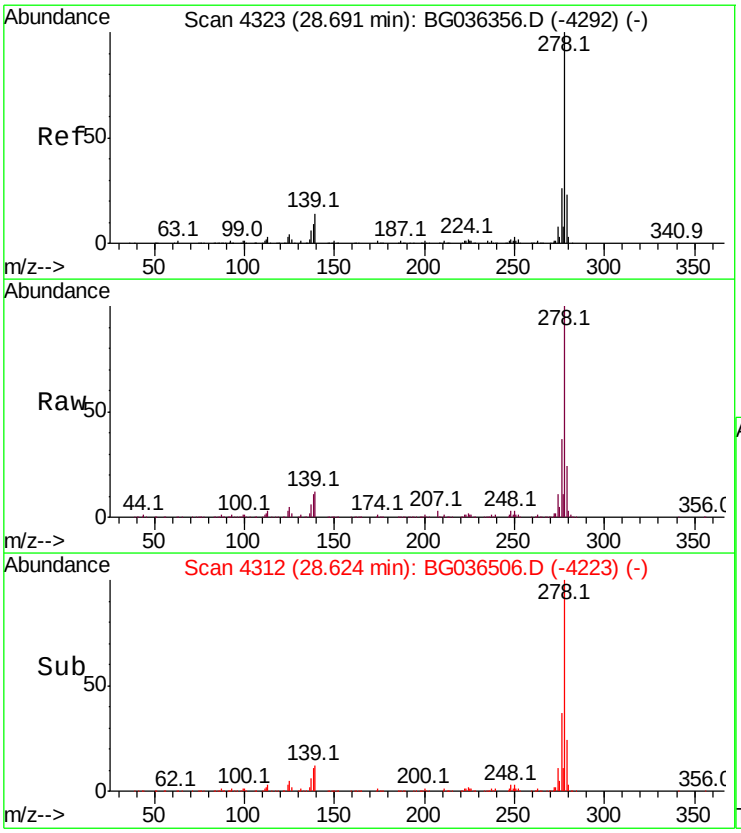

#89
Benzo(a)pyrene
Concen: 47.467 ng
RT: 24.75 min Scan# 3653
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:252 Resp: 1236935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.2 | 27.2 |
| 125 | 8.6 | 7.3 | 10.9 |

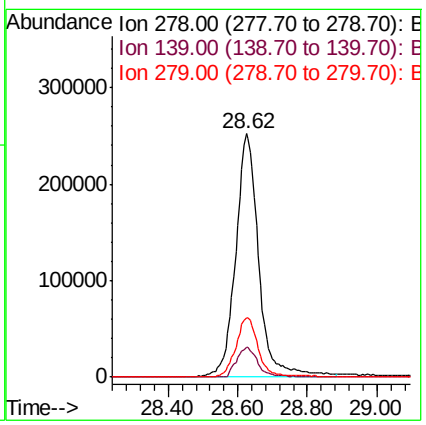


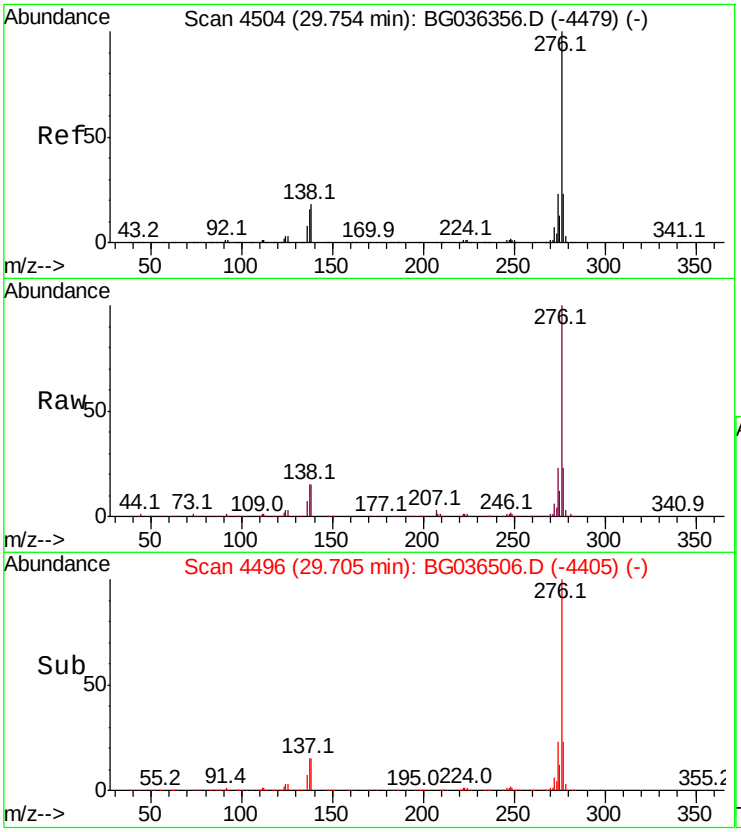




#90
Dibenzo(a,h)anthracene
Concen: 46.220 ng
RT: 28.62 min Scan# 4312
Delta R.T. -0.00 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

Tgt Ion:278 Resp: 1162775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.1 | 11.0 | 16.4 |
| 279 | 24.1 | 18.7 | 28.1 |






#91
Benzo(g,h,i)perylene
Concen: 45.494 ng
RT: 29.70 min Scan# 4496
Delta R.T. 0.01 min
Lab File: BG036506.D
Acq: 31 Aug 2018 15:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB112500BS

Tgt Ion:276 Resp: 1150132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.4 | 27.6 |
| 138 | 15.4 | 14.6 | 22.0 |