Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
Data File : BG023008.D
Acq On : 11 Jul 2016 19:58
Operator : UM/SJ
Sample : PB92009BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB92009BS

Quant Time: Jul 12 09:36:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.154 | 152 | 96309 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.981 | 136 | 444291 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.806 | 164 | 344177 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.561 | 188 | 857198 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.868 | 240 | 957099 | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 25.246 | 264 | 980121 | 20.00 | ng | | 0.06 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.699 | 112 | 842337 | 143.04 | ng | | 0.00 |
| 7) Phenol-d6 | 7.308 | 99 | 1276603 | 138.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.330 | 82 | 912552 | 87.95 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.304 | 330 | 714500 | 115.51 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.425 | 172 | 1828702 | 83.69 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.164 | 244 | 2786958 | 97.79 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 3) Pyridine | 3.965 | 79 | 283730 | 36.22 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.883 | 42 | 142488 | 42.40 | ng | # | 93 |
| 6) Aniline | 7.473 | 93 | 307765 | 24.08 | ng | | 99 |
| 8) 2-Chlorophenol | 7.714 | 128 | 299326 | 47.77 | ng | | 99 |
| 9) Benzaldehyde | 7.285 | 77 | 177392 | 28.78 | ng | | 91 |
| 10) Phenol | 7.338 | 94 | 461987 | 48.68 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.561 | 93 | 313528 | 41.68 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 8.043 | 146 | 309254 | 40.31 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.190 | 146 | 319732 | 41.64 | ng | | 92 |
| 14) 1,2-Dichlorobenzene | 8.513 | 146 | 302303 | 39.60 | ng | | 98 |
| 15) Benzyl Alcohol | 8.389 | 79 | 407481 | 48.24 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.683 | 45 | 374282 | 40.74 | ng | | 94 |
| 17) 2-Methylphenol | 8.601 | 107 | 290571 | 47.04 | ng | | 95 |
| 18) Hexachloroethane | 9.247 | 117 | 129968 | 40.09 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.959 | 70 | 325644 | 39.17 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.924 | 107 | 406986 | 47.24 | ng | | 97 |
| 22) Acetophenone | 8.983 | 105 | 544939 | 40.87 | ng | # | 93 |
| 24) Nitrobenzene | 9.371 | 77 | 478962 | 43.44 | ng | | 95 |
| 25) Isophorone | 9.888 | 82 | 829061 | 39.73 | ng | | 98 |
| 26) 2-Nitrophenol | 10.082 | 139 | 190473 | 44.03 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 10.140 | 122 | 329623 | 44.08 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 10.375 | 93 | 479074 | 41.16 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.628 | 162 | 361800 | 45.36 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.840 | 180 | 368270 | 40.29 | ng | | 99 |
| 31) Naphthalene | 11.033 | 128 | 938081 | 41.48 | ng | | 99 |
| 32) Benzoic acid | 10.276 | 122 | 224580 | 33.01 | ng | | 99 |
| 33) 4-Chloroaniline | 11.145 | 127 | 137249 | 12.41 | ng | | 90 |
| 34) Hexachlorobutadiene | 11.310 | 225 | 292141 | 39.43 | ng | | 95 |
| 35) Caprolactam | 11.915 | 113 | 86350 | 26.31 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 12.261 | 107 | 463900 | 42.52 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.632 | 142 | 757118 | 42.35 | ng | | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.996 | 216 | 507970 | 34.25 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.972 | 237 | 610736 | 71.53 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
Data File : BG023008.D
Acq On : 11 Jul 2016 19:58
Operator : UM/SJ
Sample : PB92009BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB92009BS

Quant Time: Jul 12 09:36:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.237 | 196 | 351256 | 41.20 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 13.313 | 196 | 382328 | 43.67 | ng | | 95 |
| 45) 1,1'-Biphenyl | 13.636 | 154 | 1055610 | 40.88 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.683 | 162 | 883575 | 42.18 | ng | | 96 |
| 47) 2-Nitroaniline | 13.883 | 65 | 374471 | 41.89 | ng | | 95 |
| 48) Acenaphthylene | 14.529 | 152 | 1330167 | 42.33 | ng | | 99 |
| 49) Dimethylphthalate | 14.247 | 163 | 1155261 | 41.09 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.377 | 165 | 266945 | 42.25 | ng | | 89 |
| 51) Acenaphthene | 14.870 | 154 | 873022 | 42.51 | ng | | 95 |
| 52) 3-Nitroaniline | 14.711 | 138 | 167863 | 26.64 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 14.917 | 184 | 289485 | 66.77 | ng | | 98 |
| 54) Dibenzofuran | 15.205 | 168 | 1406966 | 45.77 | ng | | 99 |
| 55) 4-Nitrophenol | 15.023 | 139 | 424700 | 80.42 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 15.164 | 165 | 404610 | 43.92 | ng | | 96 |
| 57) Fluorene | 15.851 | 166 | 1148358 | 43.41 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.428 | 232 | 397632 | 45.40 | ng | | 98 |
| 59) Diethylphthalate | 15.610 | 149 | 1227624 | 42.91 | ng | | 98 |
| 60) 4-Chlorophenyl-phenyle... | 15.840 | 204 | 667332 | 41.42 | ng | | 100 |
| 61) 4-Nitroaniline | 15.881 | 138 | 268776 | 39.42 | ng | # | 86 |
| 62) Azobenzene | 16.133 | 77 | 1374671 | 50.24 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylph... | 15.928 | 198 | 242610 | 38.08 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 16.057 | 169 | 1069340 | 43.30 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.739 | 248 | 464712 | 41.67 | ng | | 99 |
| 67) Hexachlorobenzene | 16.862 | 284 | 488171 | 40.26 | ng | | 98 |
| 68) Atrazine | 17.009 | 200 | 471291 | 43.02 | ng | | 97 |
| 69) Pentachlorophenol | 17.209 | 266 | 608949 | 77.55 | ng | | 99 |
| 70) Phenanthrene | 17.608 | 178 | 1876997 | 44.68 | ng | | 97 |
| 71) Anthracene | 17.696 | 178 | 1908006 | 44.85 | ng | | 99 |
| 72) Carbazole | 17.972 | 167 | 1646535 | 44.80 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.513 | 149 | 1976335 | 48.35 | ng | | 99 |
| 74) Fluoranthene | 19.612 | 202 | 2203651 | 42.75 | ng | | 97 |
| 76) Benzidine | 19.788 | 184 | 1015712 | 37.02 | ng | | 98 |
| 77) Pyrene | 19.976 | 202 | 2227229 | 41.41 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.845 | 149 | 992540 | 46.59 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.844 | 228 | 2374244 | 44.34 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.756 | 252 | 600039 | 25.53 | ng | # | 94 |
| 82) Chrysene | 21.921 | 228 | 2209892 | 43.99 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phtha... | 21.727 | 149 | 1342101 | 45.37 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.990 | 149 | 2270569 | 46.03 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 29.124 | 276 | 2820017 | 44.03 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.171 | 252 | 2524522 | 44.64 | ng | # | 98 |
| 88) Benzo(k)fluoranthene | 24.241 | 252 | 2417272 | 45.05 | ng | # | 99 |
| 89) Benzo(a)pyrene | 25.088 | 252 | 2454651 | 45.28 | ng | # | 99 |
| 90) Dibenzo(a,h)anthracene | 29.200 | 278 | 2367893 | 44.01 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 30.340 | 276 | 2304478 | 42.77 | ng | # | 93 |

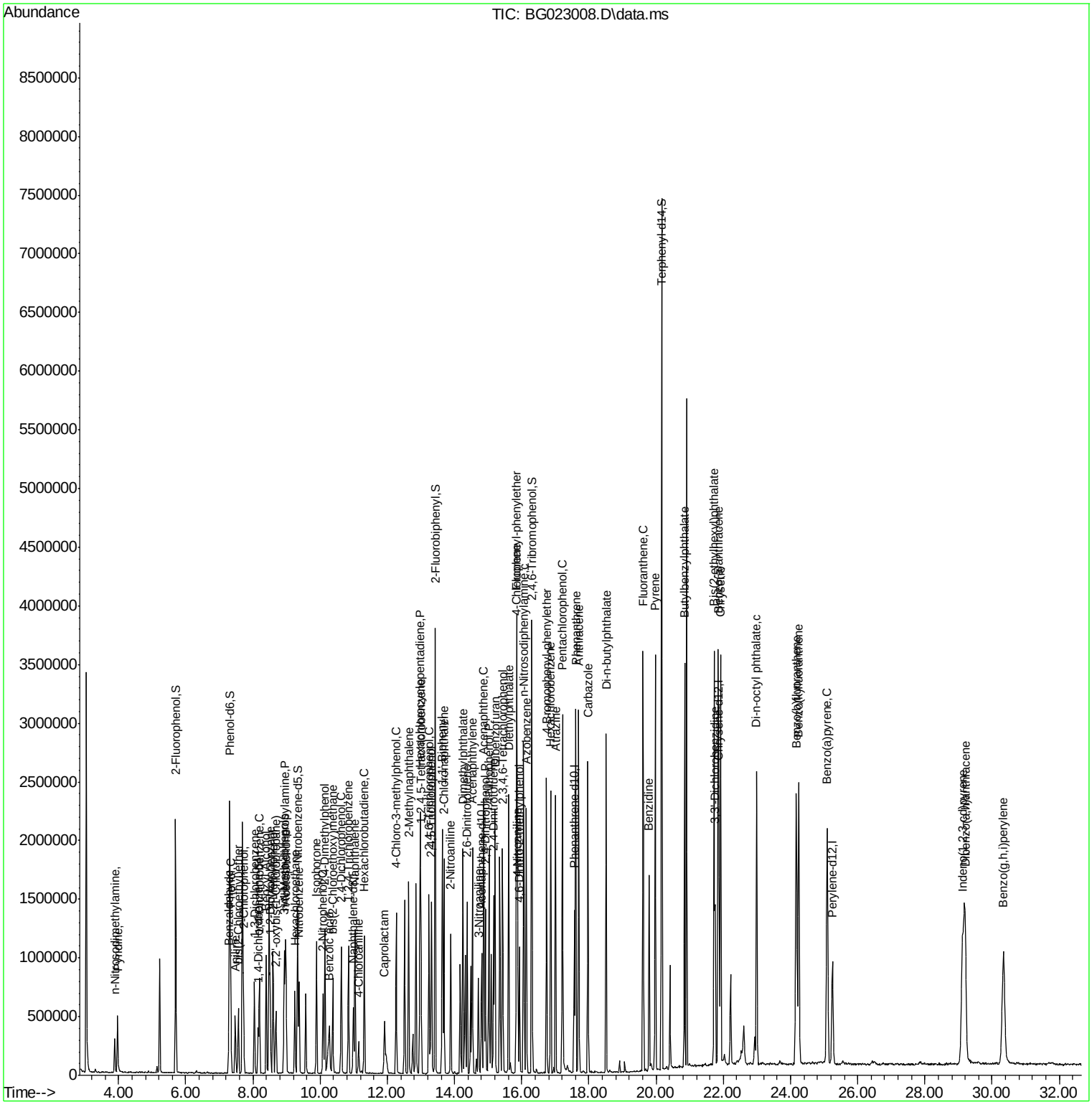
(#) = qualifier out of range (m) = manual integration (+) = signals summed

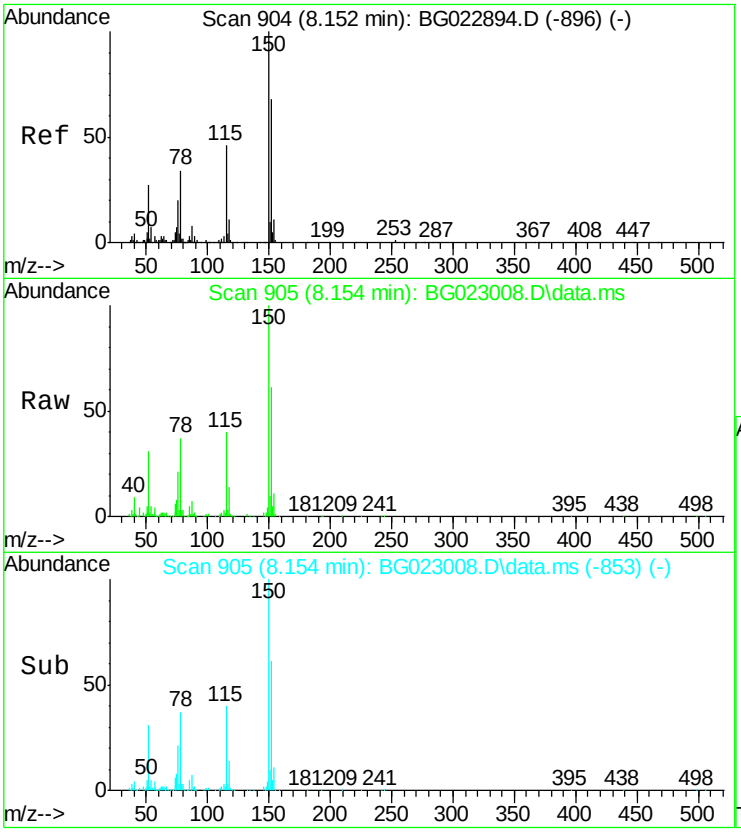
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
Data File : BG023008.D
Acq On : 11 Jul 2016 19:58
Operator : UM/SJ
Sample : PB92009BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Quant Time: Jul 12 09:36:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration



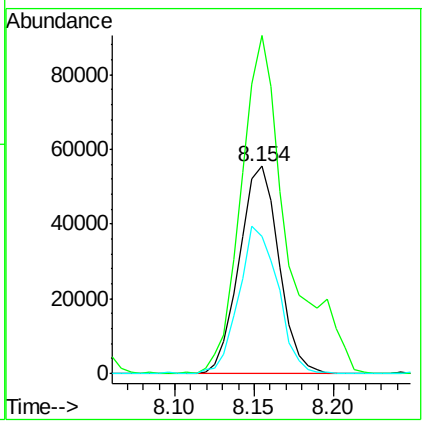


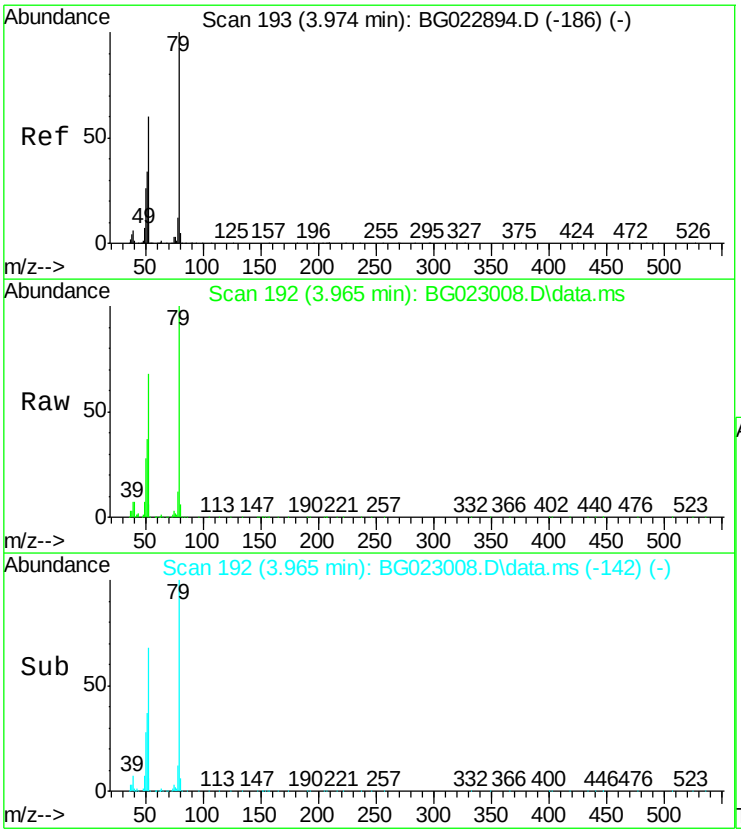

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.154 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:152 Resp: 96309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.4 | 144.7 | 217.1 |
| 115 | 66.1 | 64.0 | 96.0 |

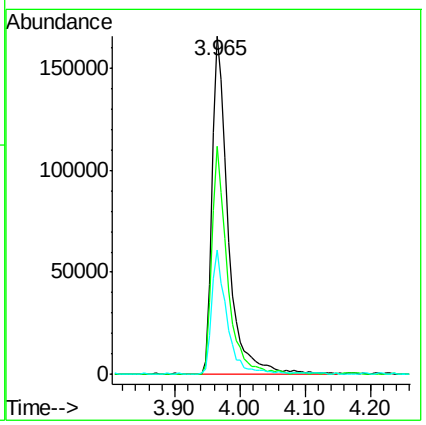


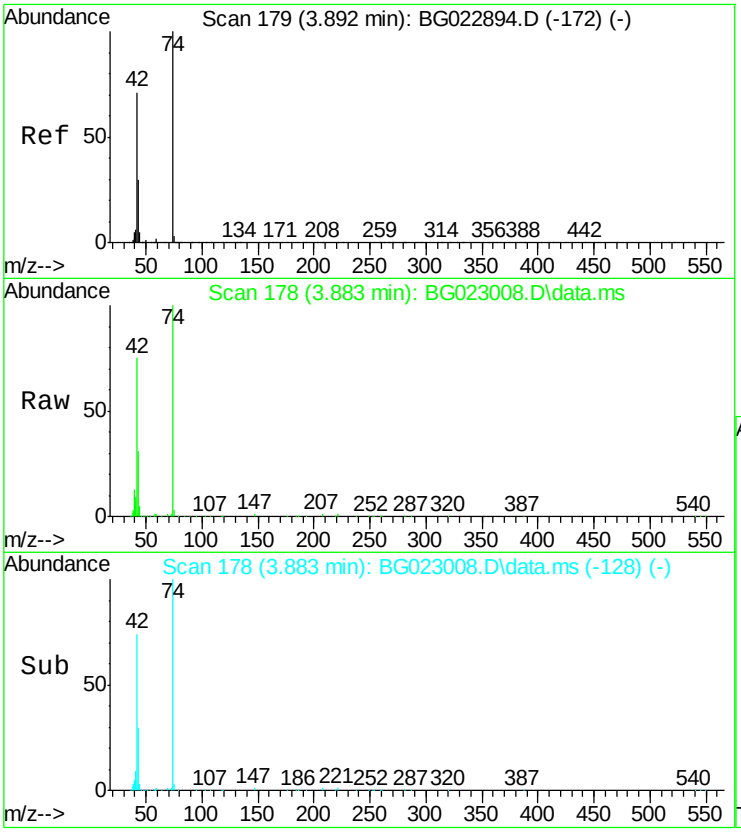




#3
Pyridine
Concen: 36.22 ng
RT: 3.965 min Scan# 192
Delta R.T. -0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 79 Resp: 283730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 67.5 | 51.8 | 77.8 |
| 51 | 36.7 | 32.7 | 49.1 |



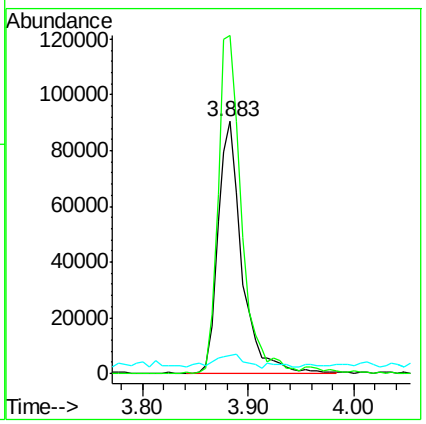


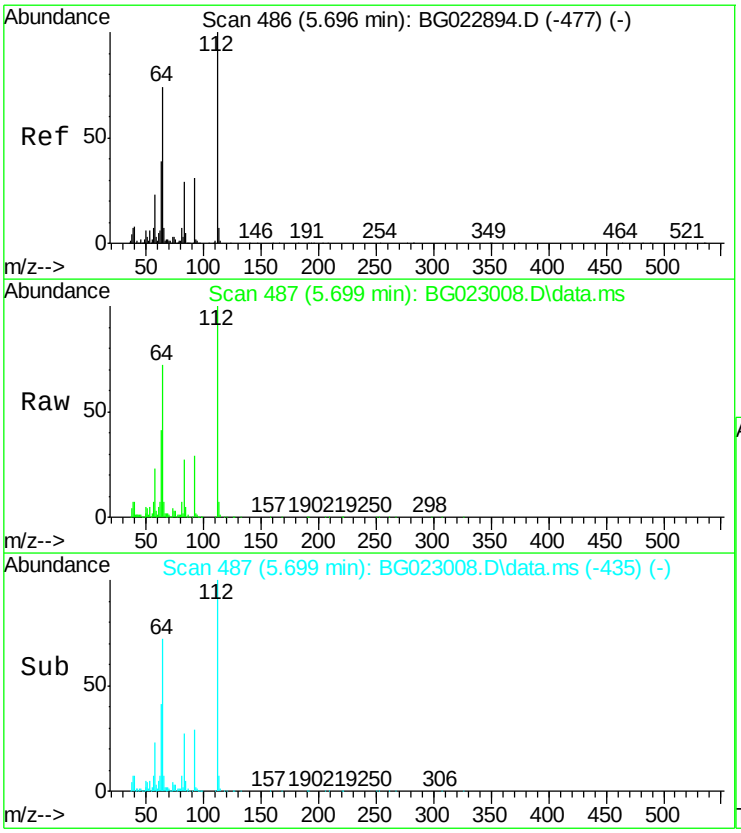

#4
n-Nitrosodimethylamine
Concen: 42.40 ng
RT: 3.883 min Scan# 17
Delta R.T. -0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 42 Resp: 142488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.1 | 100.6 | 150.8 |
| 44 | 7.3 | 4.5 | 6.7# |

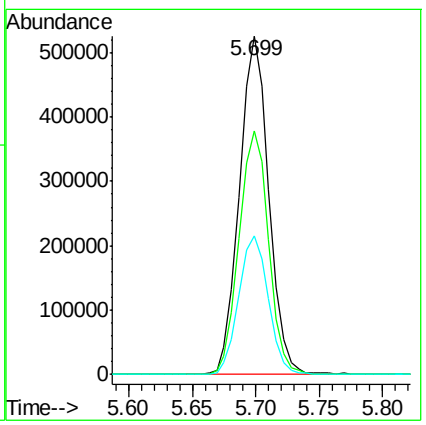


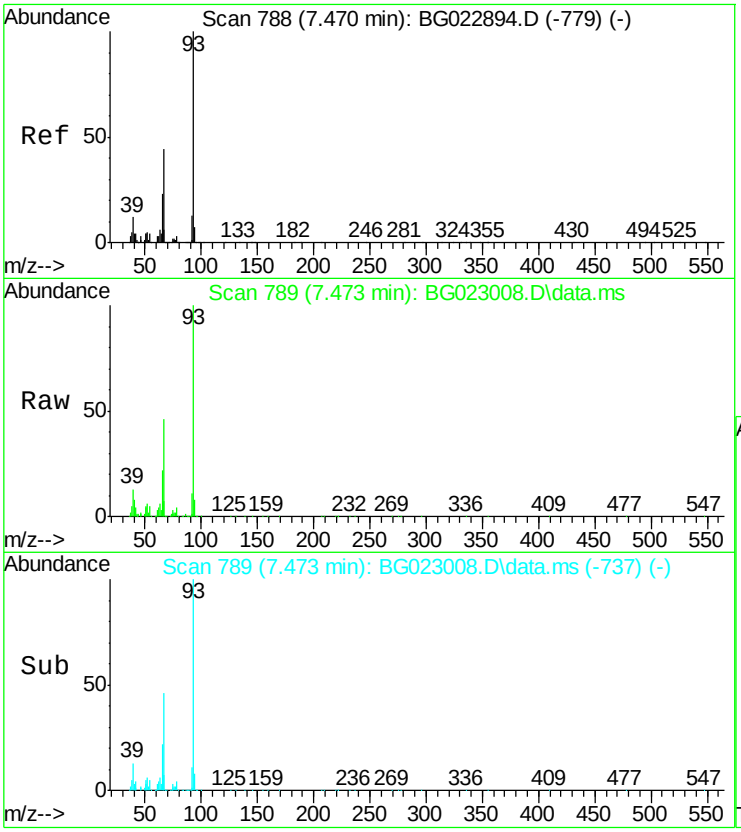




#5
2-Fluorophenol
Concen: 143.04 ng
RT: 5.699 min Scan# 487
Delta R.T. 0.004 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:112 Resp: 842337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.8 | 59.0 | 88.4 |
| 63 | 41.0 | 37.8 | 56.8 |



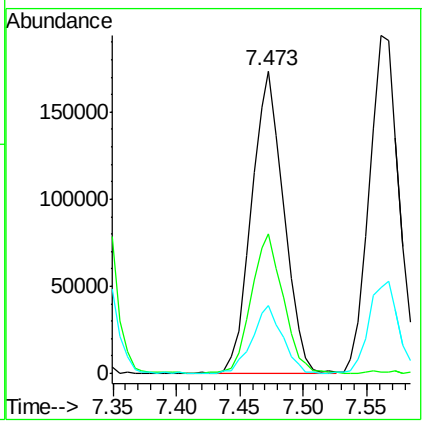


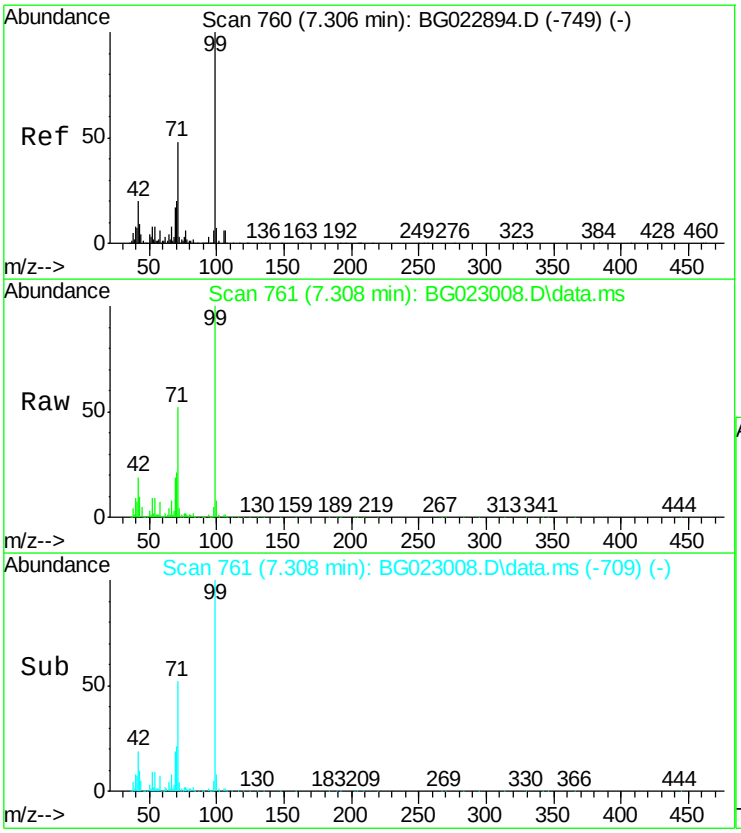

#6
Aniline
Concen: 24.08 ng
RT: 7.473 min Scan# 78
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 93 Resp: 307765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.1 | 37.5 | 56.3 |
| 65 | 22.3 | 17.9 | 26.9 |

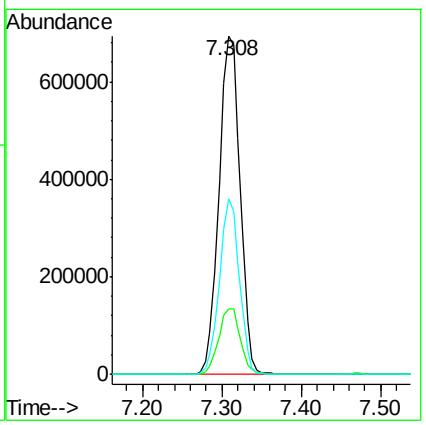


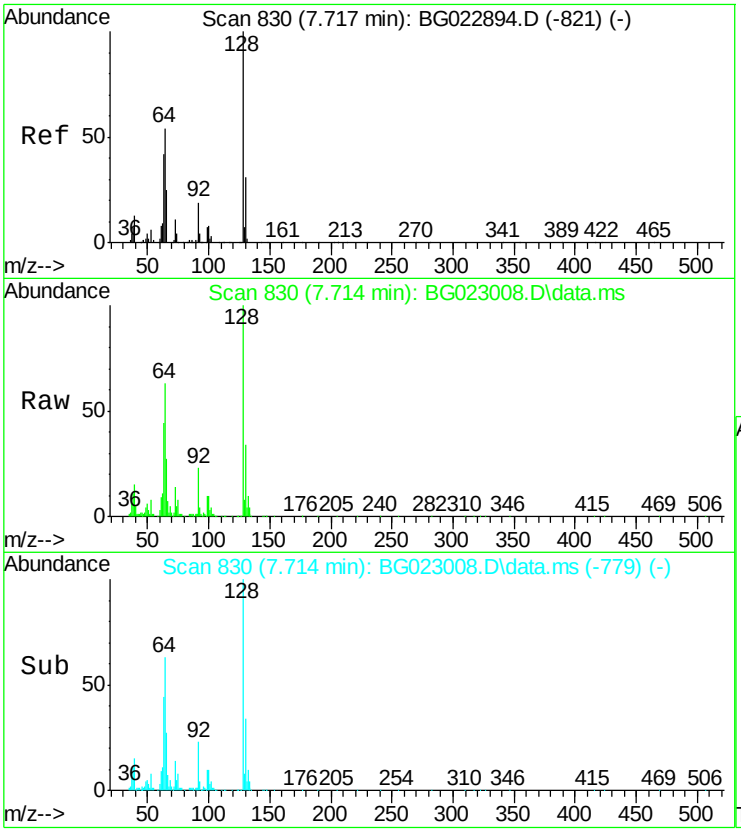




#7
Phenol-d6
Concen: 138.42 ng
RT: 7.308 min Scan# 761
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 99 Resp: 1276603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.5 | 17.8 | 26.6 |
| 71 | 51.8 | 41.5 | 62.3 |



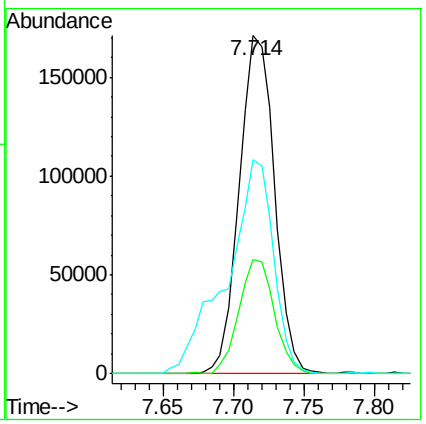


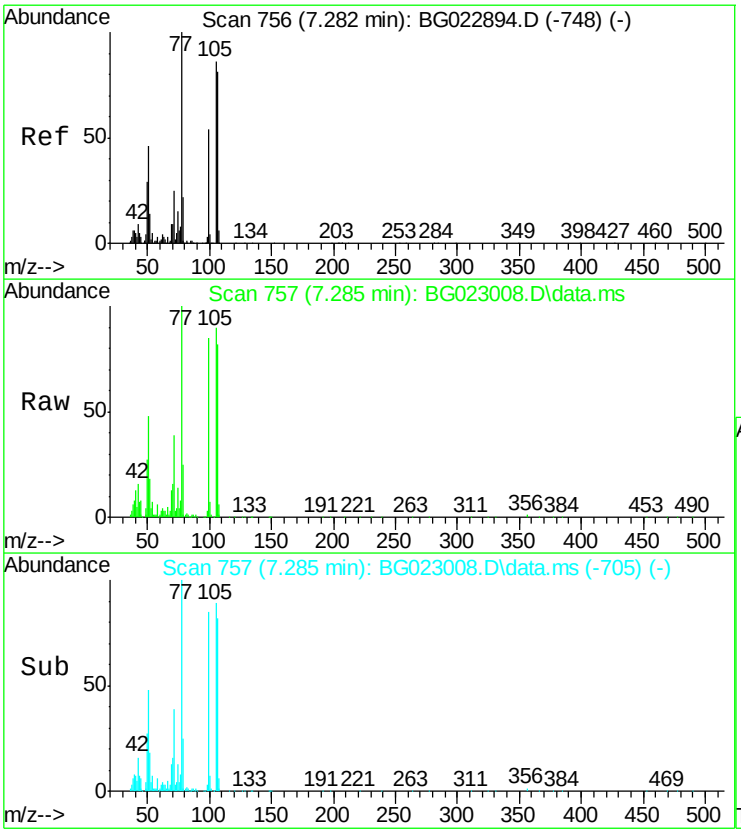

#8
2-Chlorophenol
Concen: 47.77 ng
RT: 7.714 min Scan# 83
Delta R.T. -0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:128 Resp: 299326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.6 | 12.9 | 52.9 |
| 64 | 63.1 | 42.0 | 82.0 |

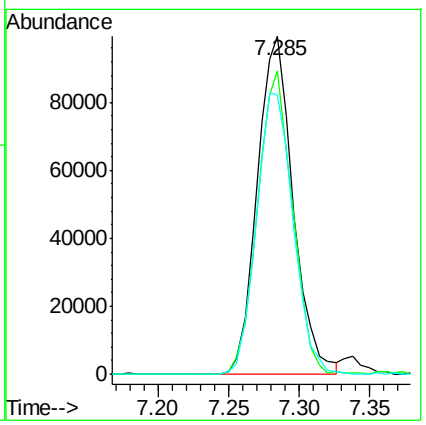


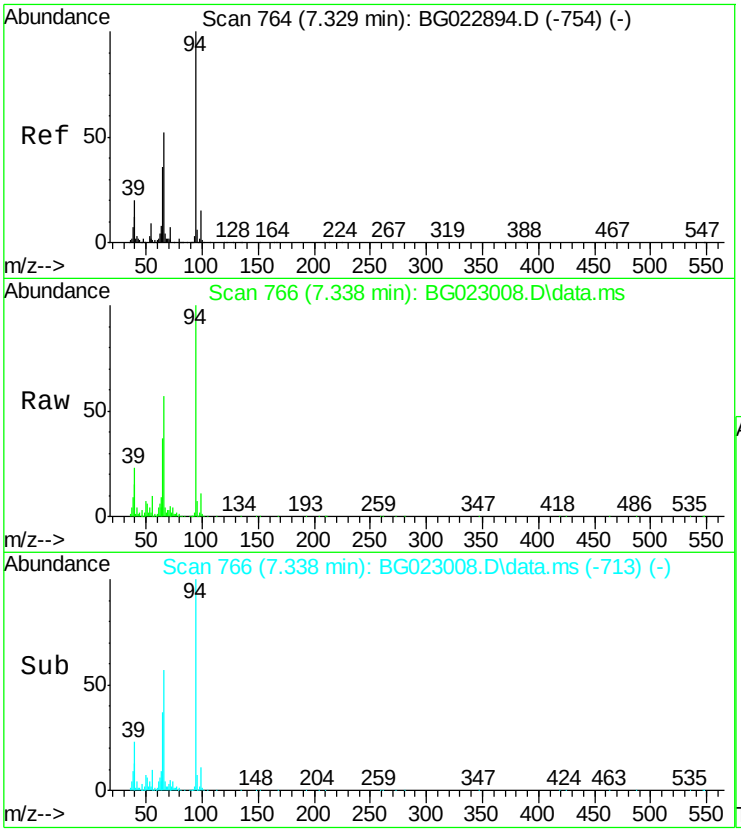




#9
Benzaldehyde
Concen: 28.78 ng
RT: 7.285 min Scan# 757
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 77 Resp: 177392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.7 | 58.7 | 98.7 |
| 106 | 82.4 | 67.5 | 107.5 |



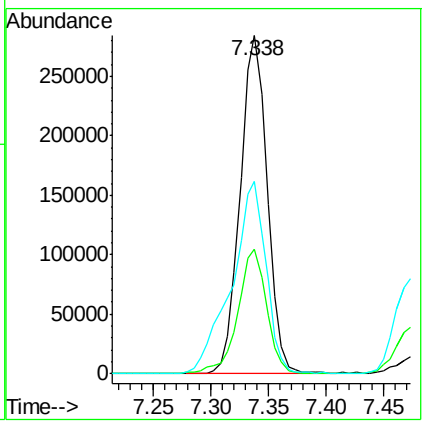


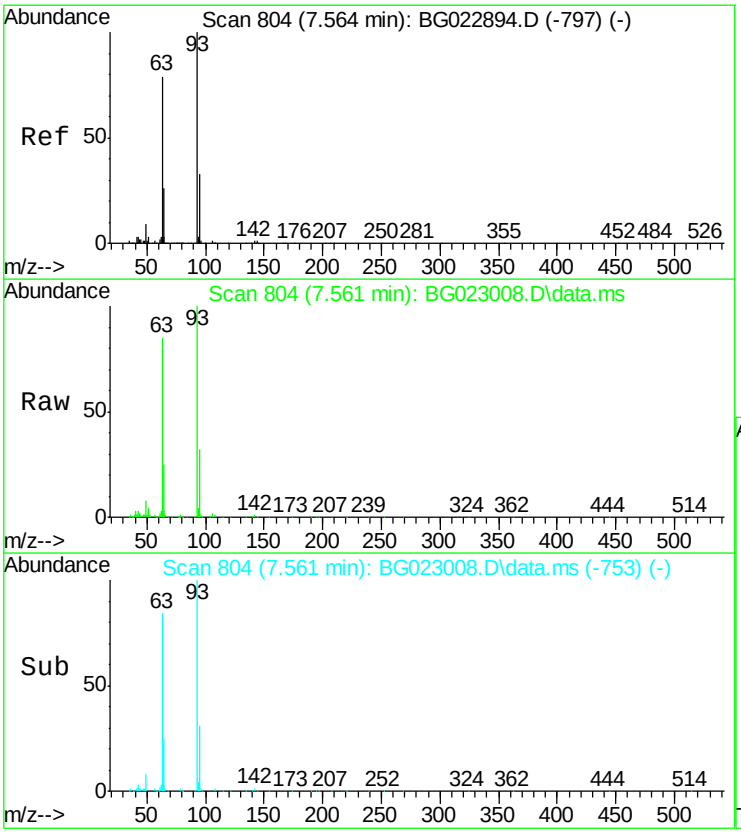

#10
Phenol
Concen: 48.68 ng
RT: 7.338 min Scan# 76
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 94 Resp: 461987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.9 | 18.1 | 58.1 |
| 66 | 57.0 | 42.1 | 82.1 |

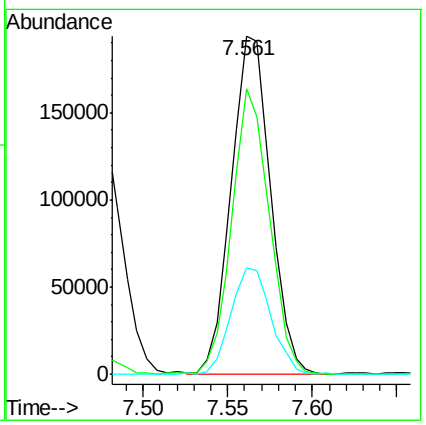


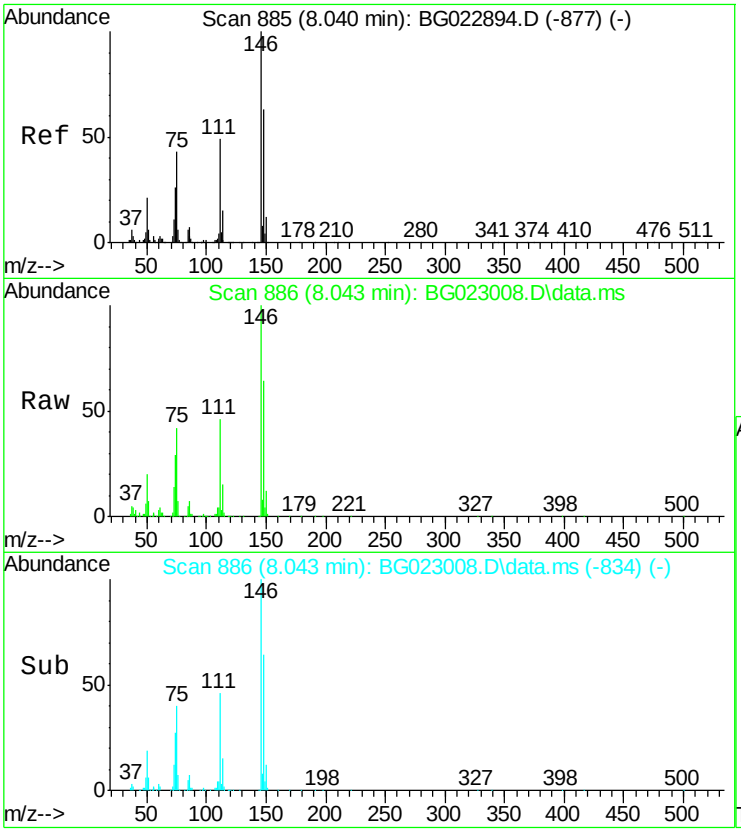




#11
bis(2-Chloroethyl)ether
Concen: 41.68 ng
RT: 7.561 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 93 Resp: 313528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.6 | 55.0 | 95.0 |
| 95 | 31.6 | 11.0 | 51.0 |



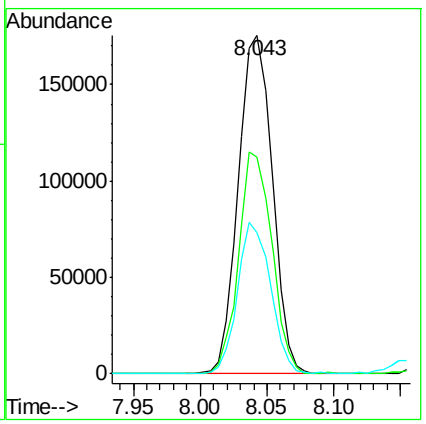


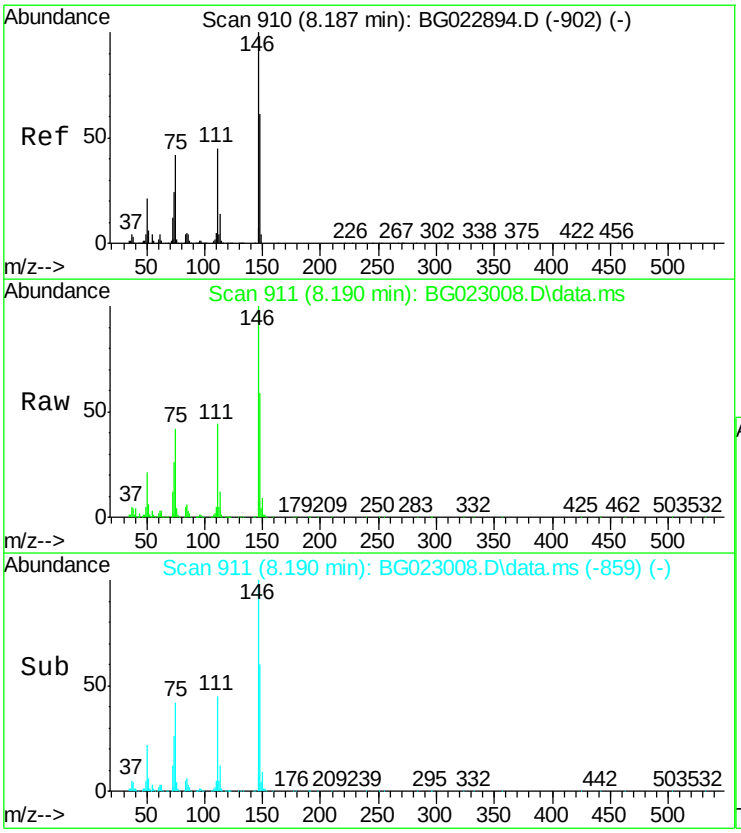

#12
1,3-Dichlorobenzene
Concen: 40.31 ng
RT: 8.043 min Scan# 88
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:146 Resp: 309254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 50.3 | 75.5 |
| 75 | 41.6 | 37.0 | 55.6 |

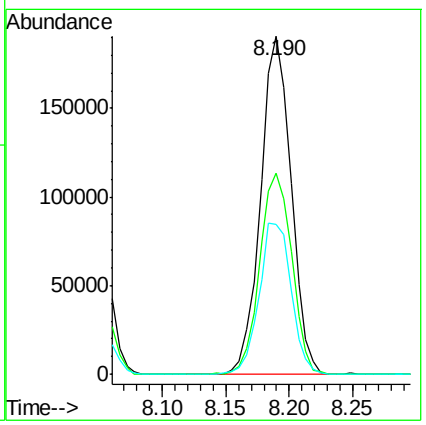


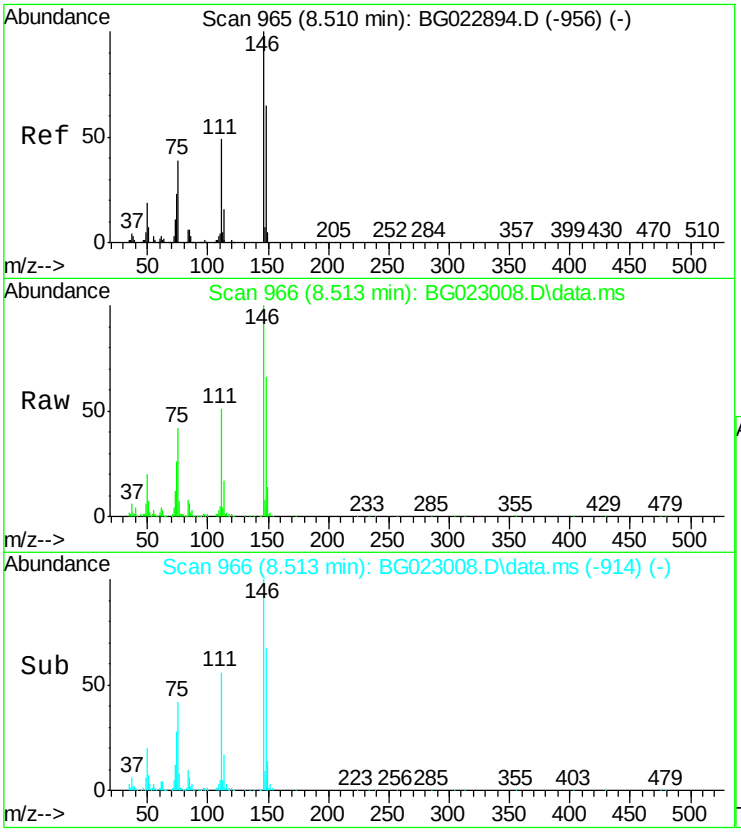




#13
1,4-Dichlorobenzene
Concen: 41.64 ng
RT: 8.190 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:146 Resp: 319732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 59.5 | 54.5 | 81.7 |
| 111 | 44.5 | 37.8 | 56.8 |



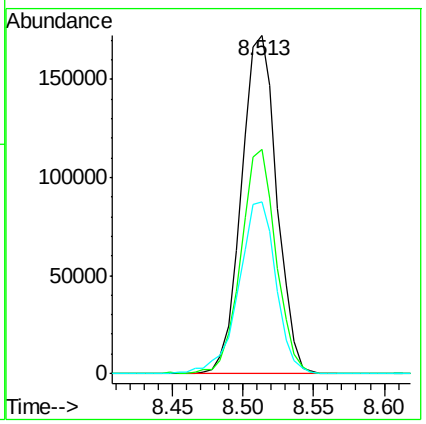


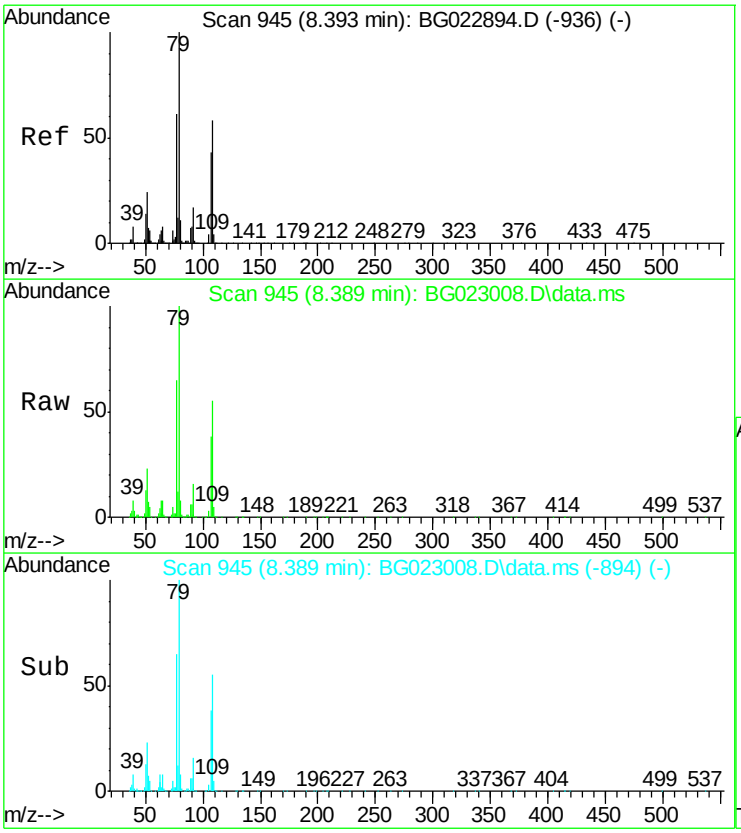

#14
1,2-Dichlorobenzene
Concen: 39.60 ng
RT: 8.513 min Scan# 96
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:146 Resp: 302303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.2 | 52.9 | 79.3 |
| 111 | 50.9 | 43.5 | 65.3 |

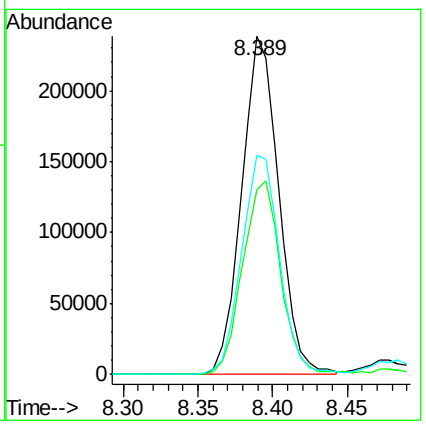


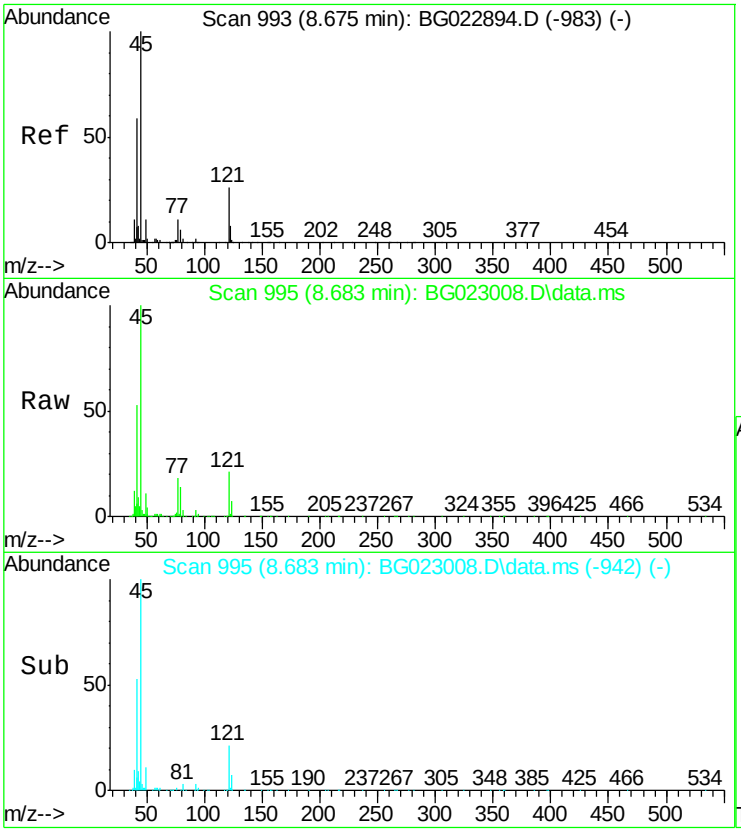




#15
Benzyl Alcohol
Concen: 48.24 ng
RT: 8.389 min Scan# 945
Delta R.T. -0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 79 Resp: 407481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 54.6 | 46.5 | 69.7 |
| 77 | 65.0 | 52.3 | 78.5 |



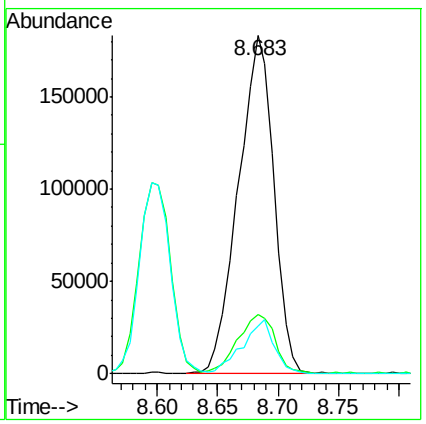


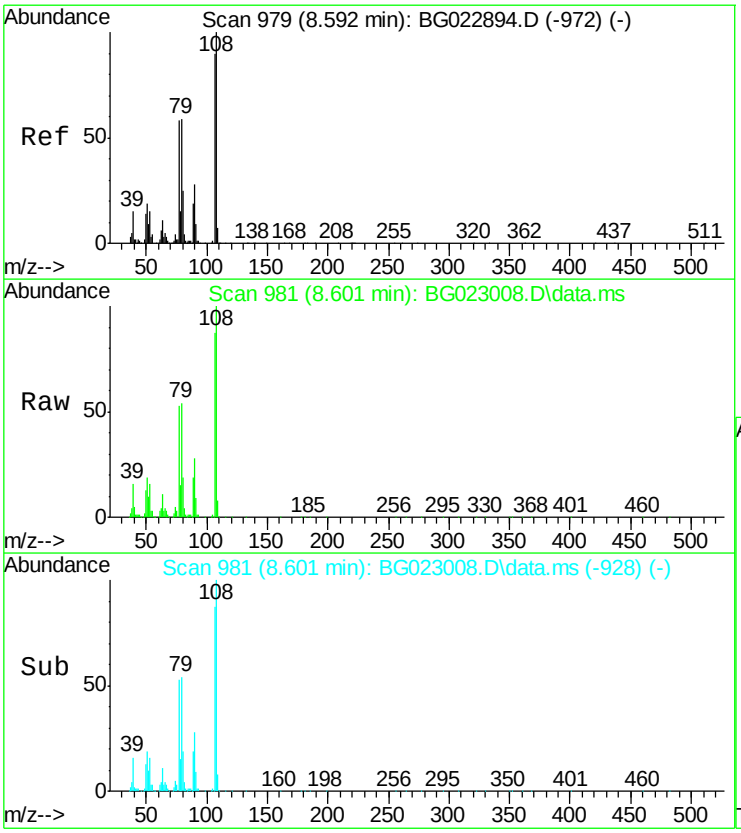

#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.74 ng
RT: 8.683 min Scan# 99
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 45 Resp: 374282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.6 | 0.6 | 40.6 |
| 79 | 14.2 | 0.0 | 36.2 |

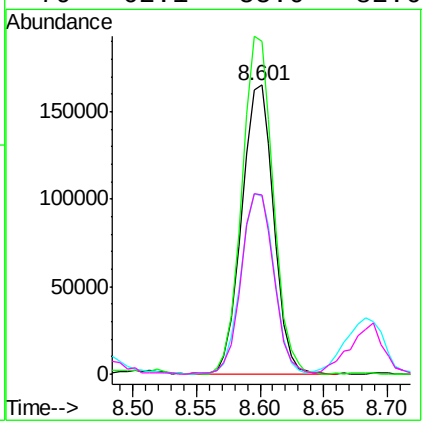


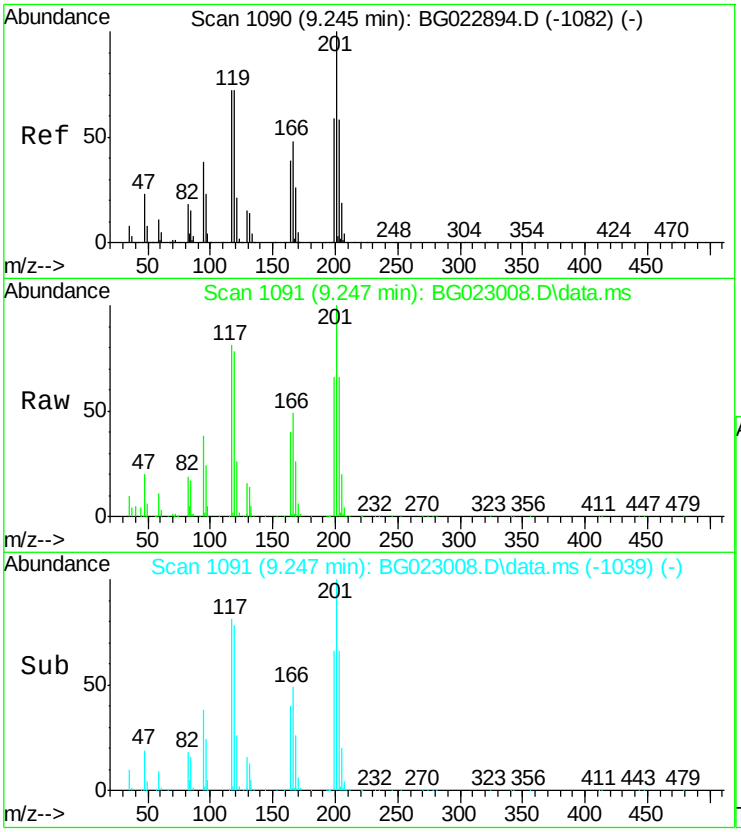




#17
2-Methylphenol
Concen: 47.04 ng
RT: 8.601 min Scan# 981
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:107 Resp: 290571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.4 | 92.0 | 138.0 |
| 77 | 61.7 | 55.8 | 83.6 |
| 79 | 62.1 | 55.0 | 82.6 |



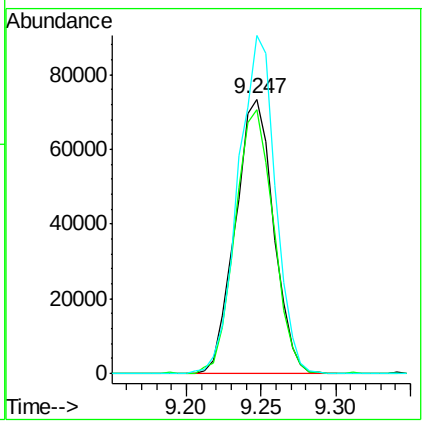


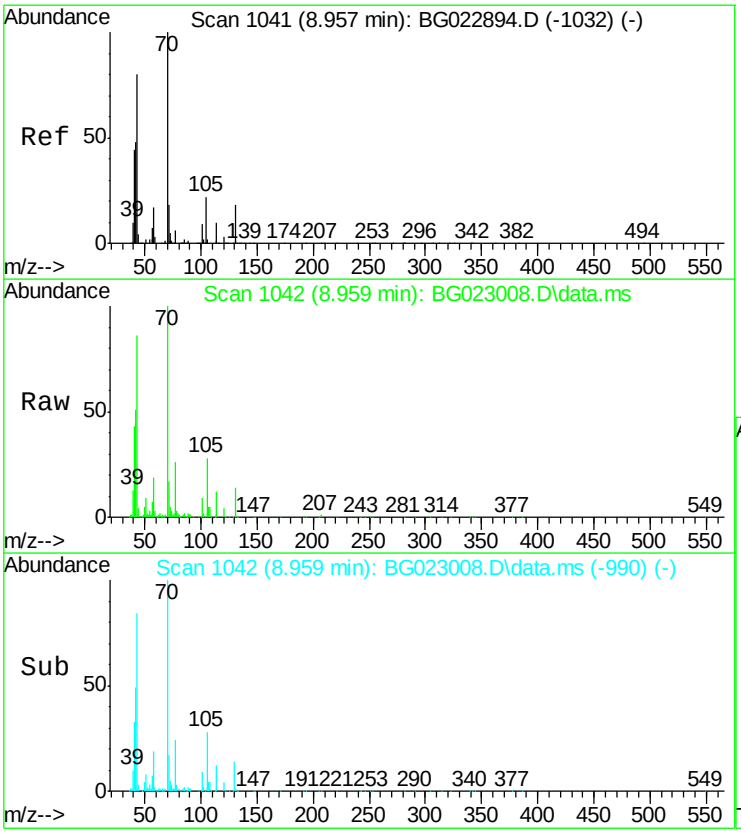

#18
Hexachloroethane
Concen: 40.09 ng
RT: 9.247 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:117 Resp: 129968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 73.7 | 110.5 |
| 201 | 123.3 | 88.7 | 133.1 |

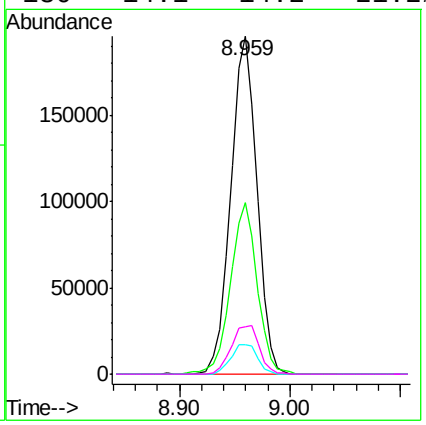


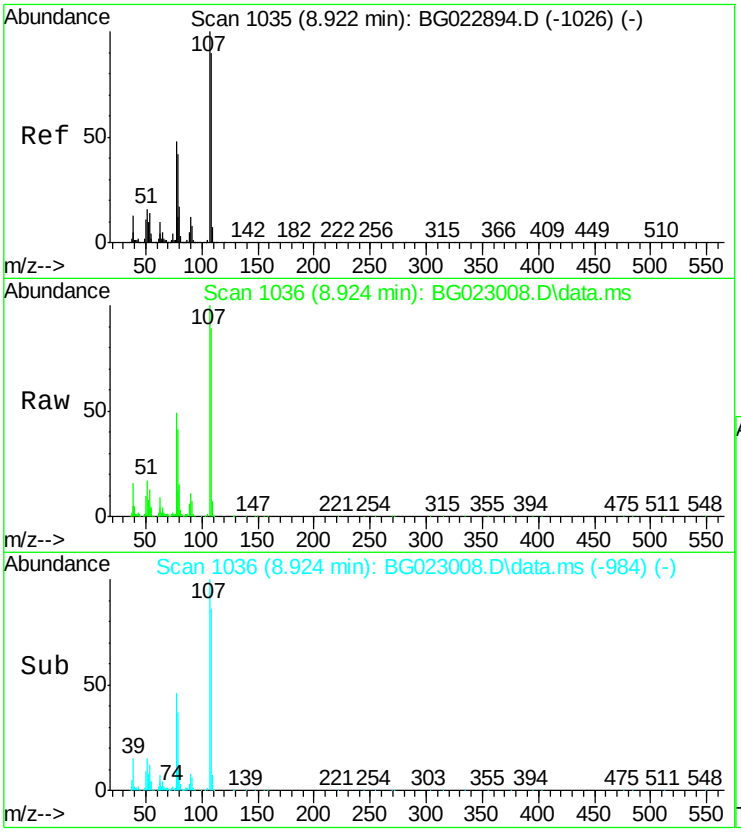




#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 8.959 min Scan# 1042
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 70 Resp: 325644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.8 | 42.1 | 63.1 |
| 101 | 8.8 | 7.2 | 10.8 |
| 130 | 14.1 | 14.2 | 21.2# |



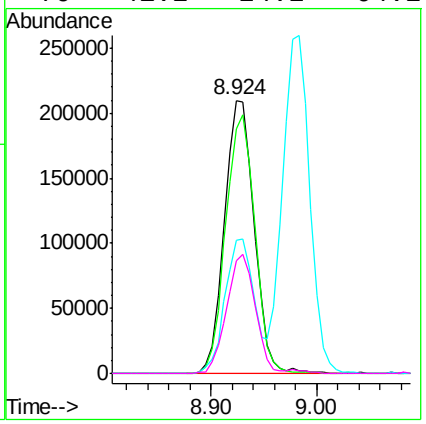


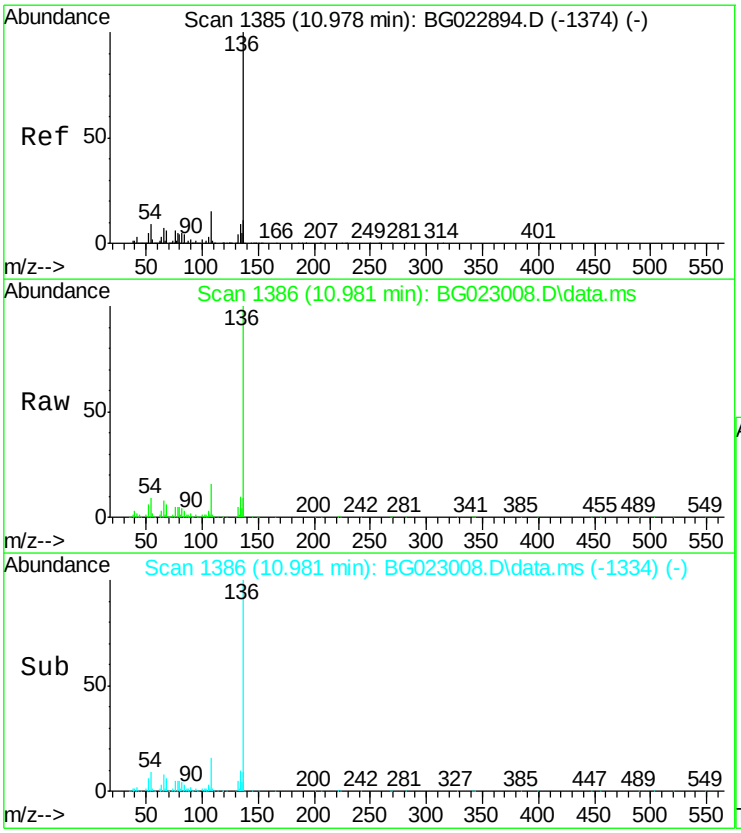

#20
3+4-Methylphenols
Concen: 47.24 ng
RT: 8.924 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:107 Resp: 406986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 72.5 | 112.5 |
| 77 | 49.0 | 30.1 | 70.1 |
| 79 | 41.2 | 24.2 | 64.2 |

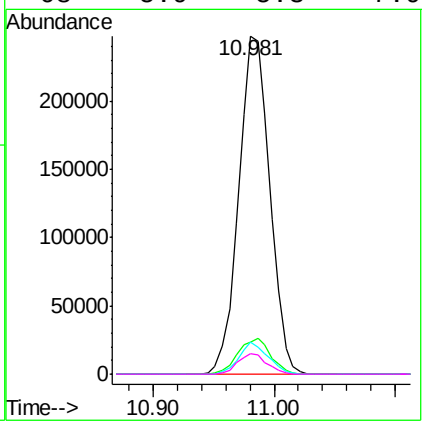


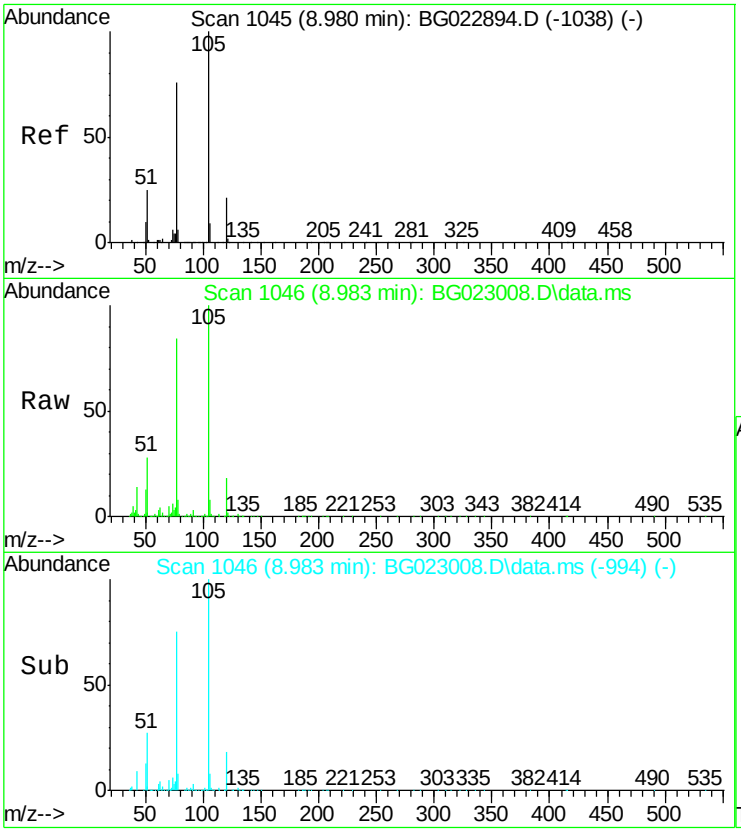




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.981 min Scan# 1386
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:136 Resp: 444291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.3 | 9.6 | 14.4# |
| 54 | 9.4 | 7.3 | 10.9 |
| 68 | 5.9 | 5.3 | 7.9 |



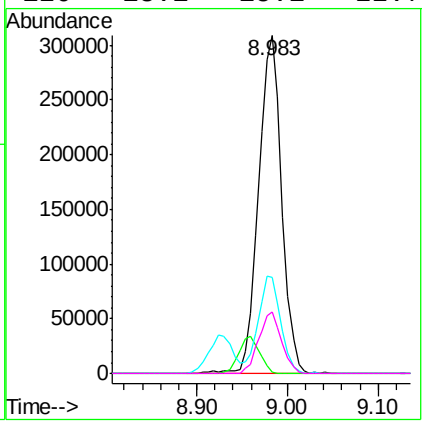


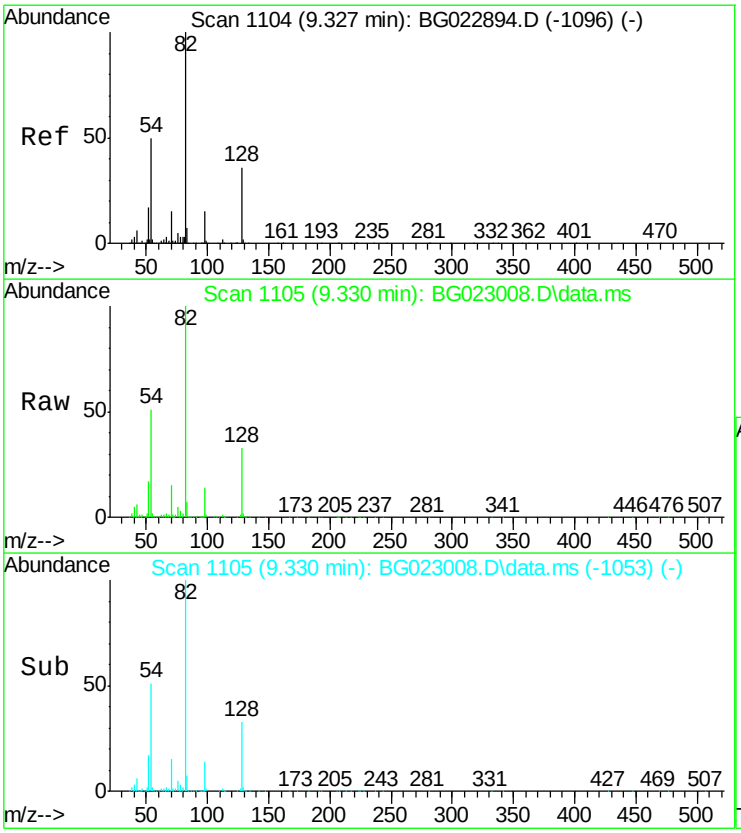

#22
Acetophenone
Concen: 40.87 ng
RT: 8.983 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:105 Resp: 544939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.5 | 2.6 | 3.8# |
| 51 | 28.3 | 27.1 | 40.7 |
| 120 | 18.1 | 15.1 | 22.7 |

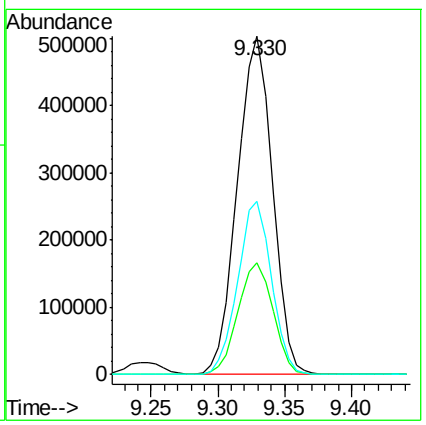


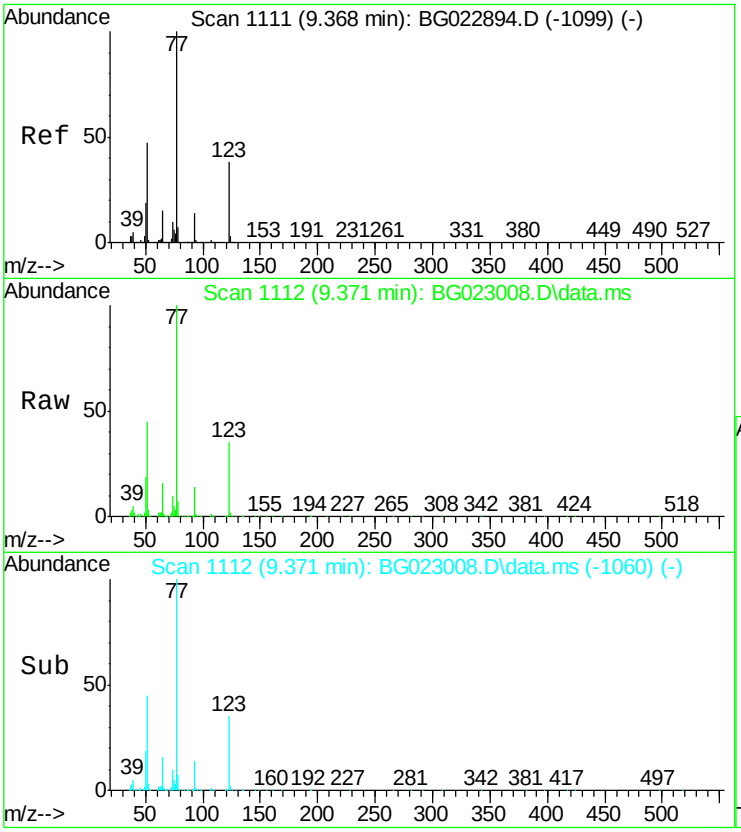




#23
Nitrobenzene-d5
Concen: 87.95 ng
RT: 9.330 min Scan# 1105
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 82 Resp: 912552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.0 | 24.4 | 36.6 |
| 54 | 51.1 | 41.4 | 62.0 |



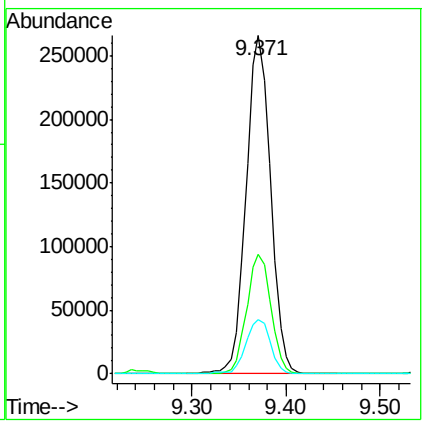


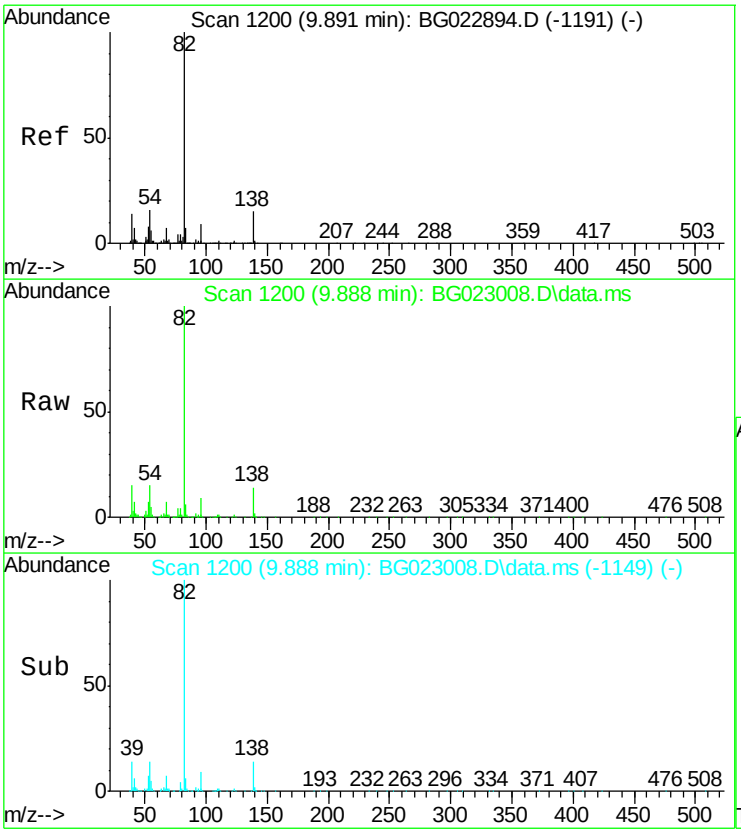

#24
Nitrobenzene
Concen: 43.44 ng
RT: 9.371 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 77 Resp: 478962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 35.2 | 25.0 | 37.6 |
| 65 | 16.0 | 13.4 | 20.0 |

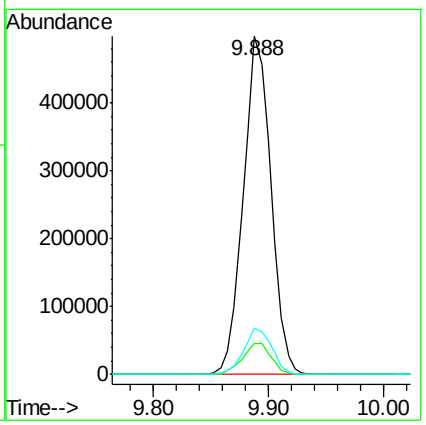


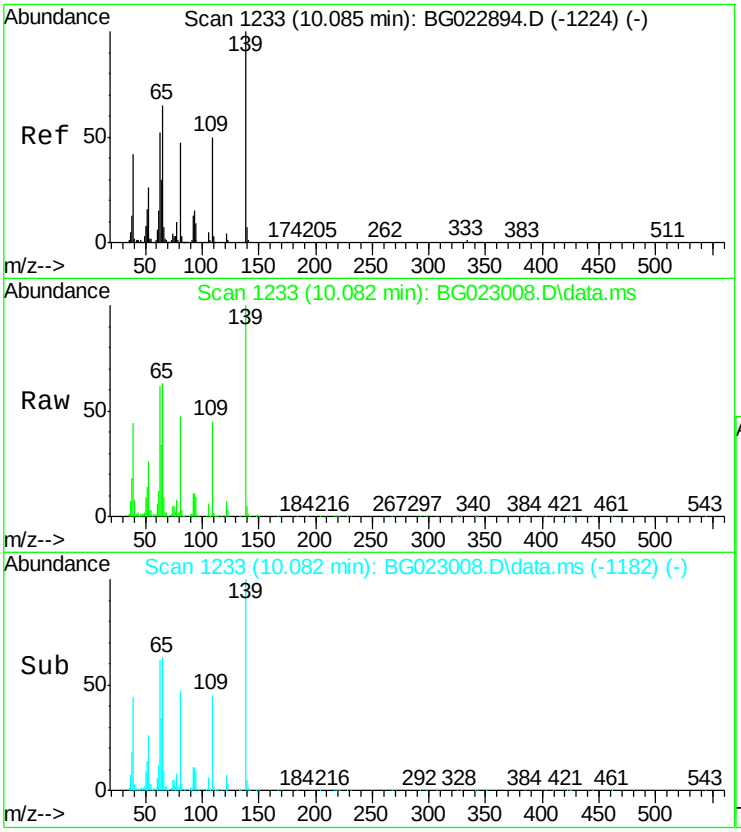




#25
Isophorone
Concen: 39.73 ng
RT: 9.888 min Scan# 1200
Delta R.T. -0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 82 Resp: 829061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.1 | 8.2 | 12.2 |
| 138 | 13.6 | 10.7 | 16.1 |



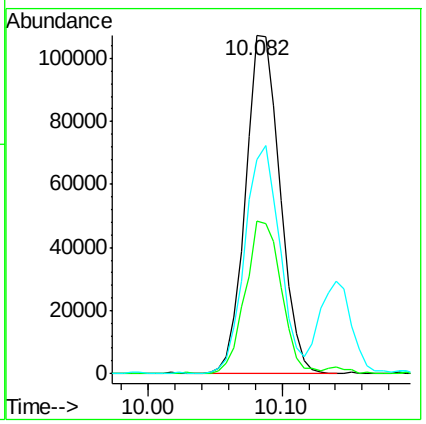


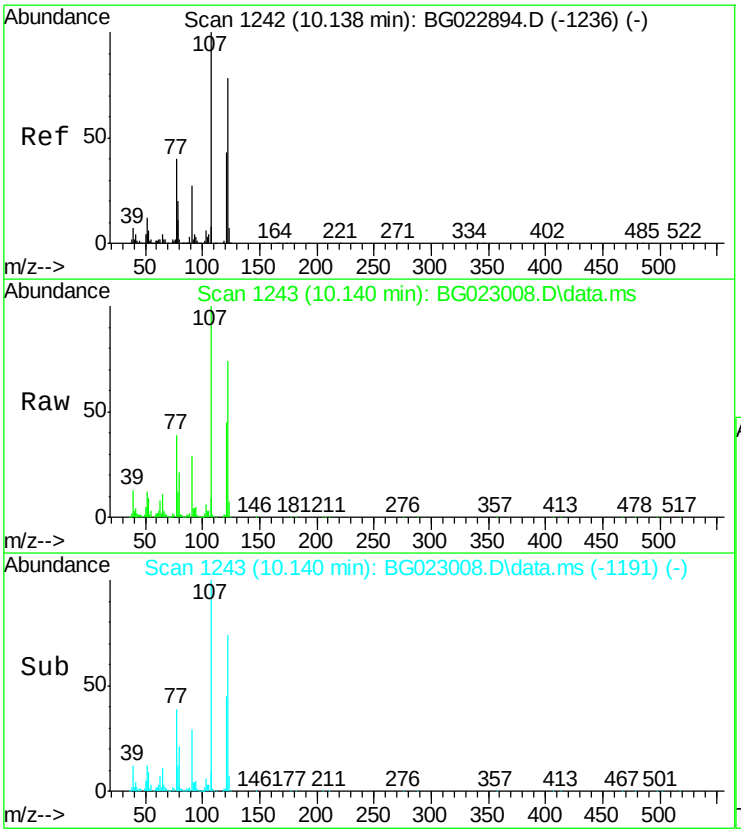

#26
2-Nitrophenol
Concen: 44.03 ng
RT: 10.082 min Scan# 12
Delta R.T. -0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:139 Resp: 190473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 45.0 | 43.5 | 65.3 |
| 65 | 63.2 | 64.3 | 96.5# |

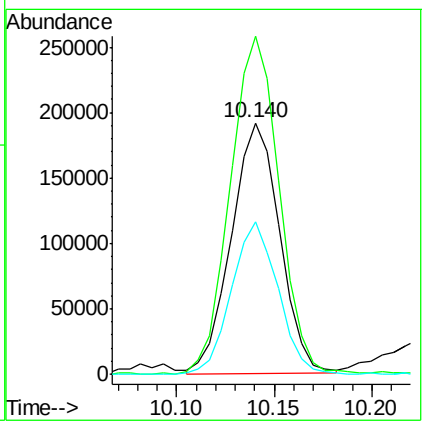


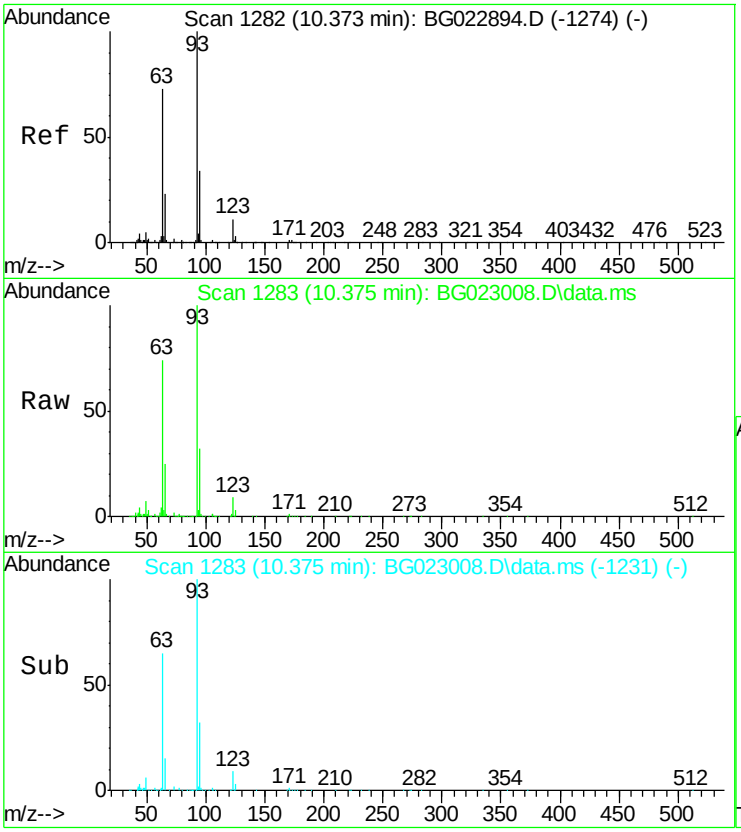




#27
2,4-Dimethylphenol
Concen: 44.08 ng
RT: 10.140 min Scan# 1243
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:122 Resp: 329623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 134.6 | 117.0 | 175.4 |
| 121 | 60.9 | 50.1 | 75.1 |



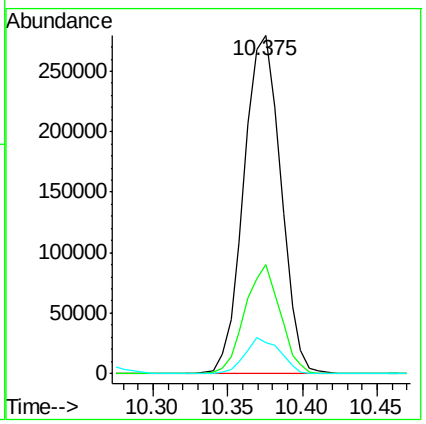


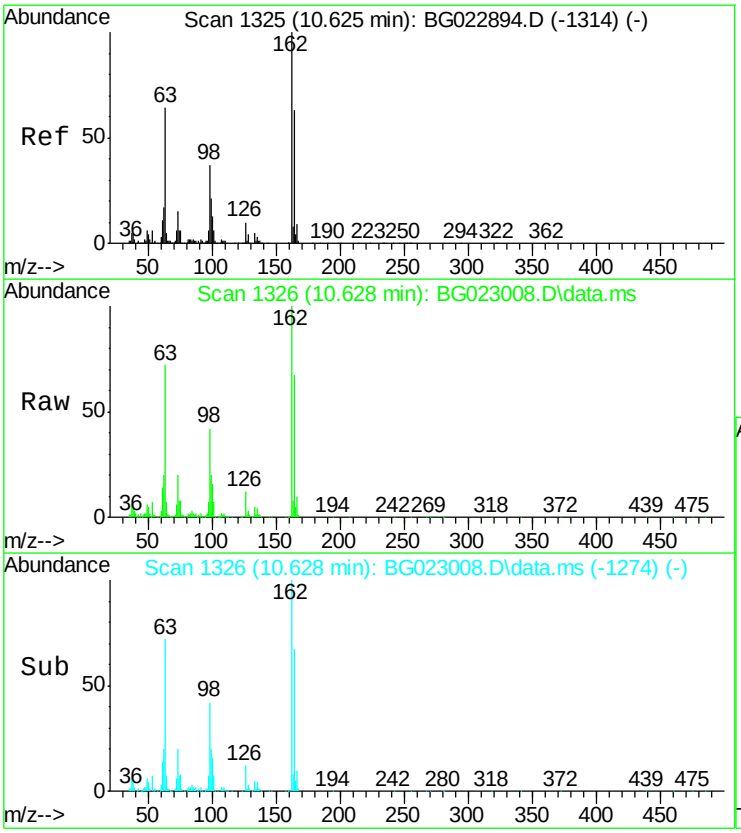

#28
bis(2-Chloroethoxy)methane
Concen: 41.16 ng
RT: 10.375 min Scan# 12
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 93 Resp: 479074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 25.4 | 38.2 |
| 123 | 9.1 | 8.2 | 12.2 |

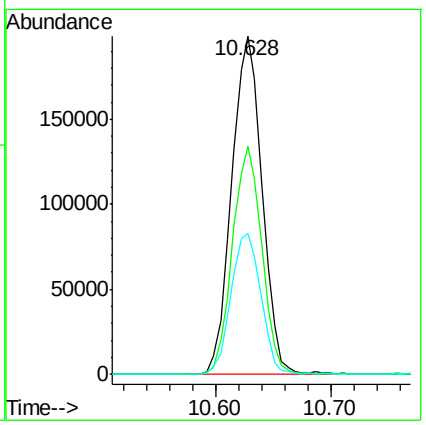


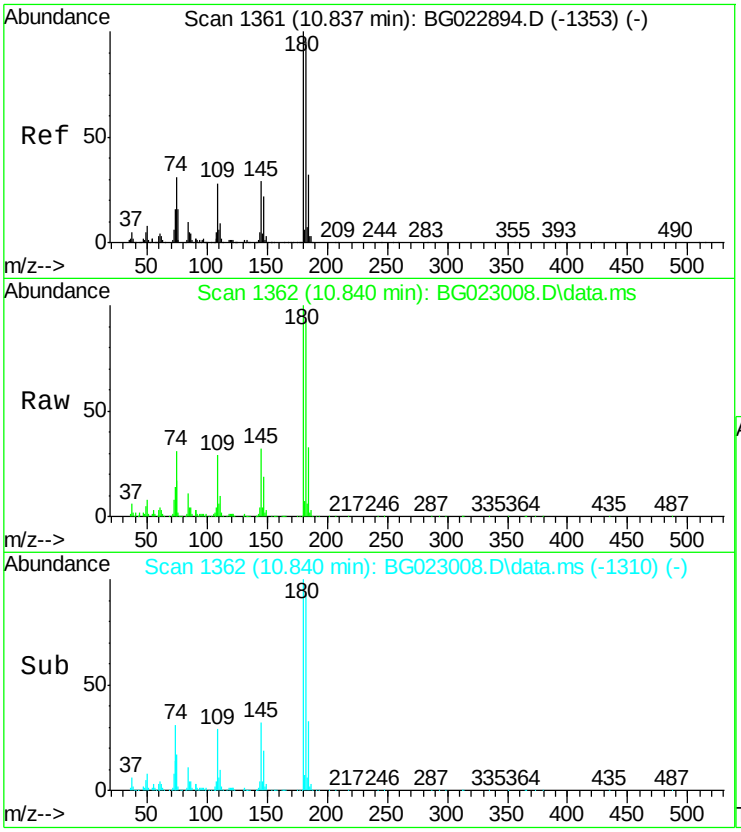




#29
2,4-Dichlorophenol
Concen: 45.36 ng
RT: 10.628 min Scan# 1326
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:162 Resp: 361800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.4 | 44.3 | 84.3 |
| 98 | 41.7 | 19.5 | 59.5 |



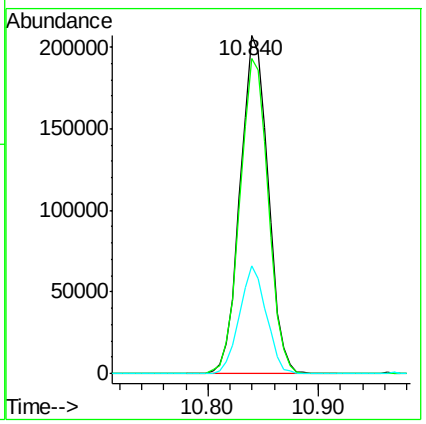


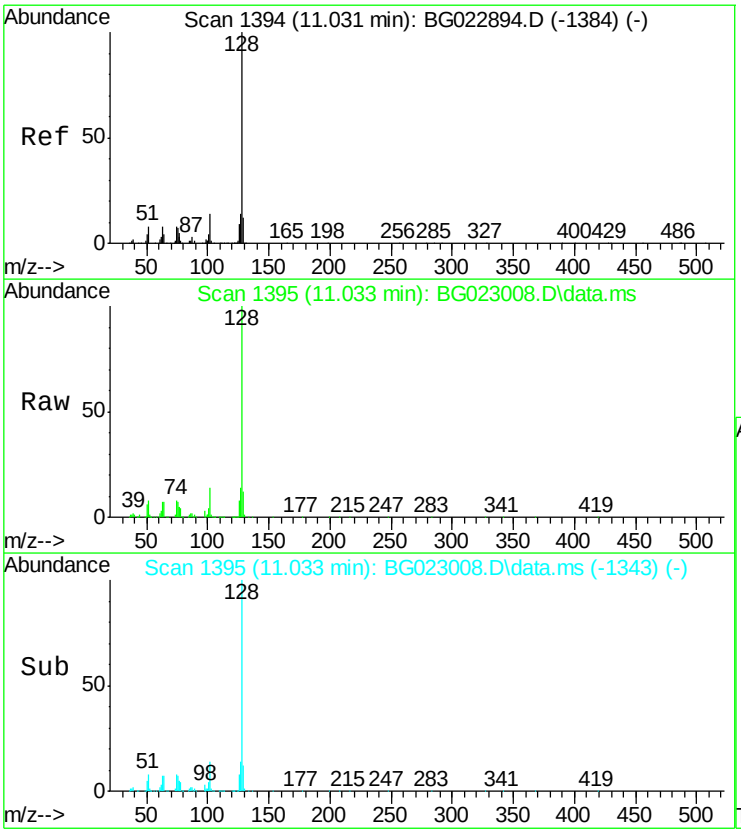

#30
1,2,4-Trichlorobenzene
Concen: 40.29 ng
RT: 10.840 min Scan# 13
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:180 Resp: 368270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.0 | 73.8 | 110.8 |
| 145 | 31.8 | 24.4 | 36.6 |

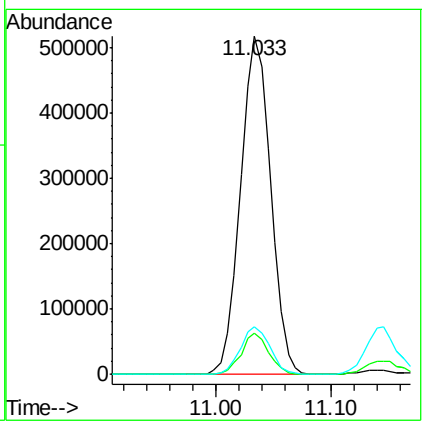


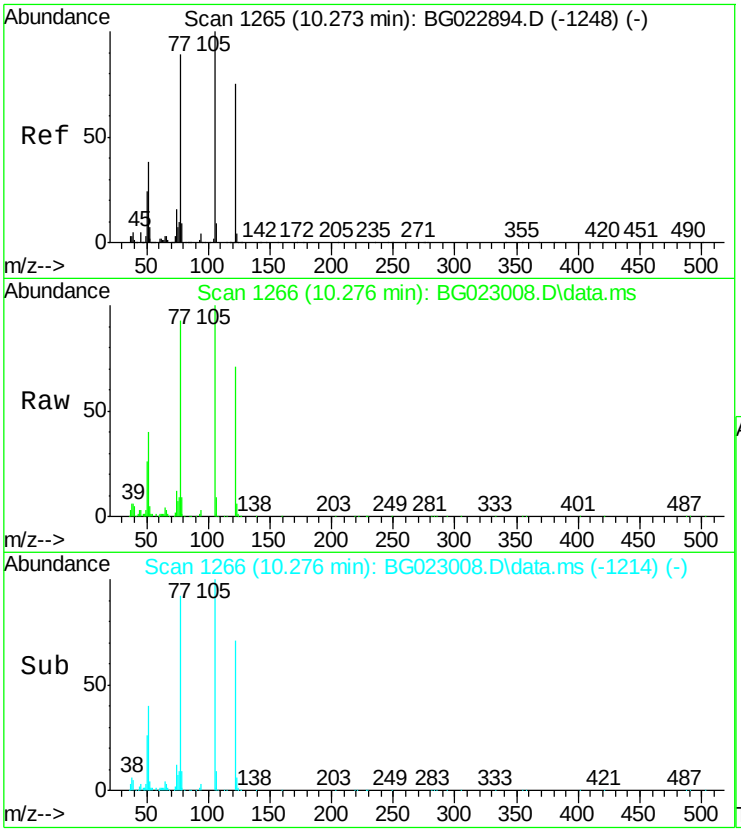




#31
Naphthalene
Concen: 41.48 ng
RT: 11.033 min Scan# 1395
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:128 Resp: 938081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 9.4 | 14.0 |
| 127 | 14.0 | 11.3 | 16.9 |



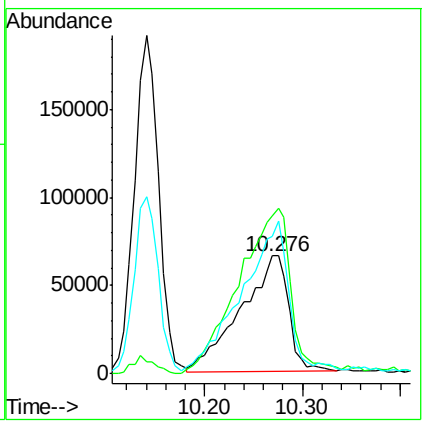


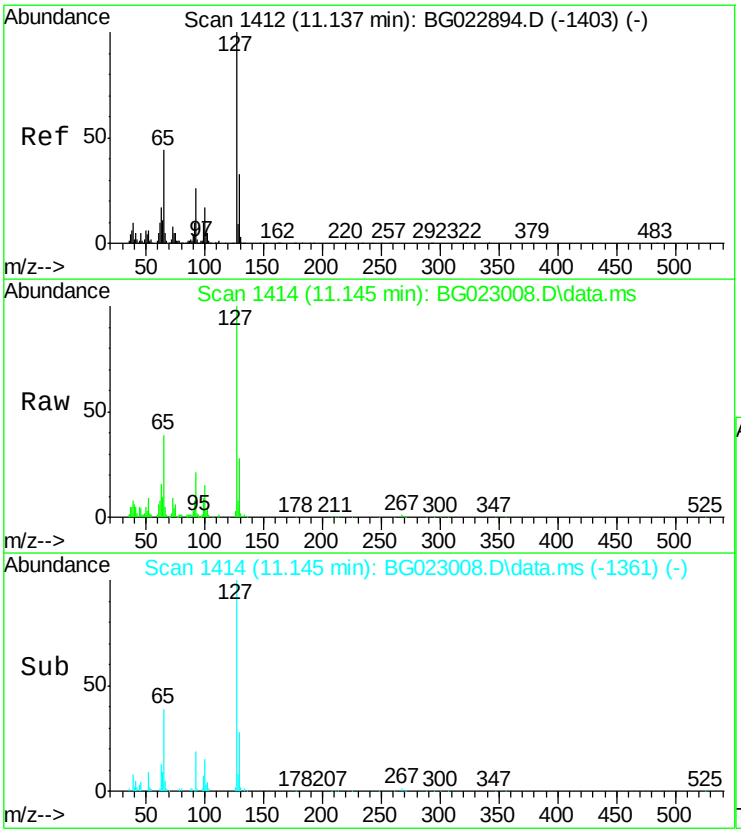

#32
Benzoic acid
Concen: 33.01 ng
RT: 10.276 min Scan# 12
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:122 Resp: 224580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 140.1 | 117.2 | 157.2 |
| 77 | 129.8 | 109.2 | 149.2 |

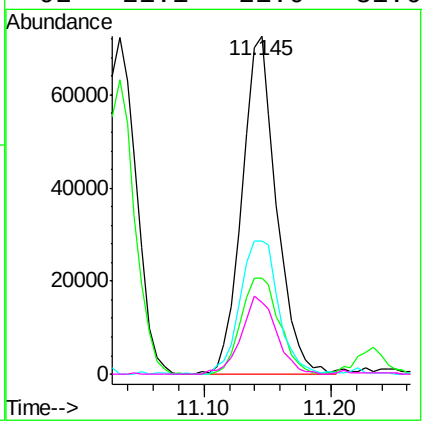


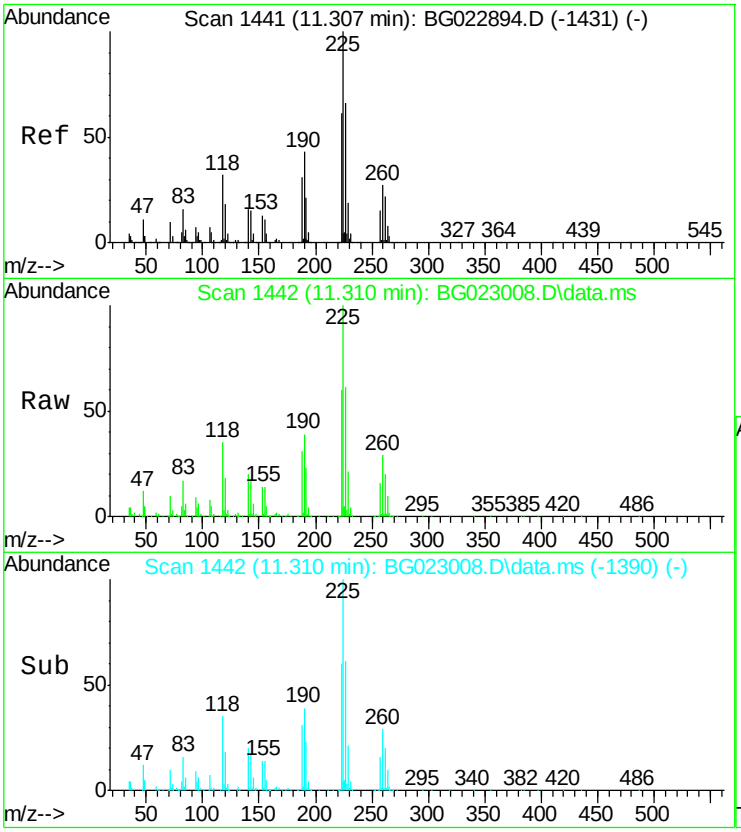




#33
4-Chloroaniline
Concen: 12.41 ng
RT: 11.145 min Scan# 1414
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:127 Resp: 137249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 28.3 | 27.9 | 41.9 |
| 65 | 39.4 | 36.8 | 55.2 |
| 92 | 21.1 | 21.0 | 31.6 |



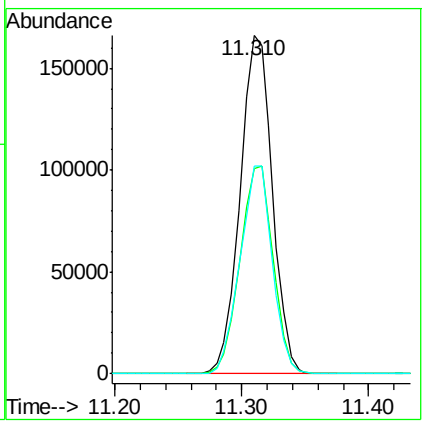


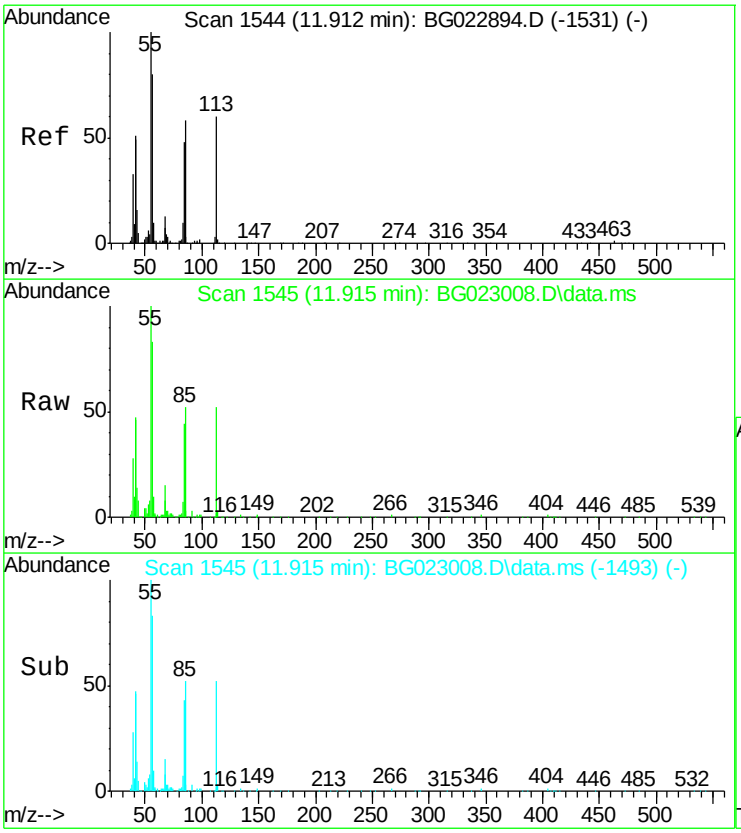

#34
Hexachlorobutadiene
Concen: 39.43 ng
RT: 11.310 min Scan# 14
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:225 Resp: 292141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.5 | 49.6 | 74.4 |
| 227 | 61.4 | 54.5 | 81.7 |

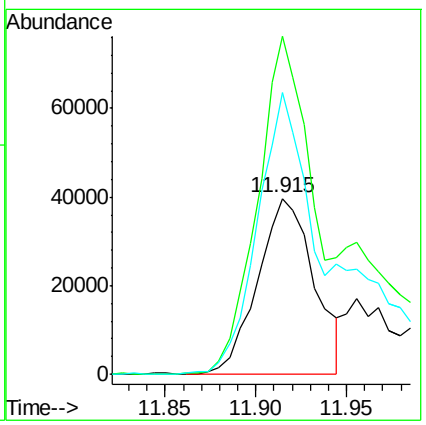


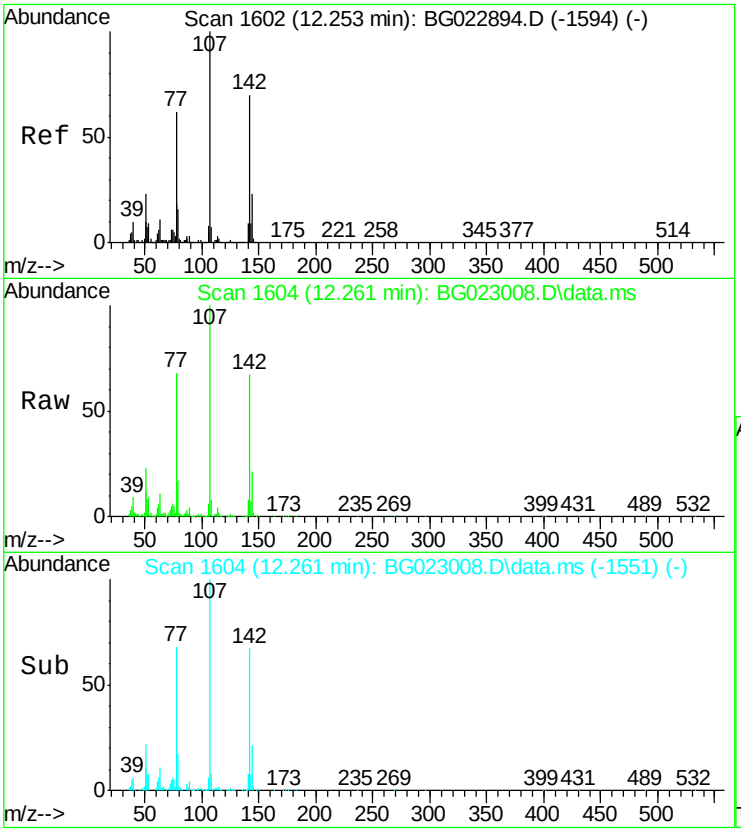




#35
Caprolactam
Concen: 26.31 ng
RT: 11.915 min Scan# 1545
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:113 Resp: 86350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 191.9 | 154.5 | 194.5 |
| 56 | 160.0 | 125.1 | 165.1 |



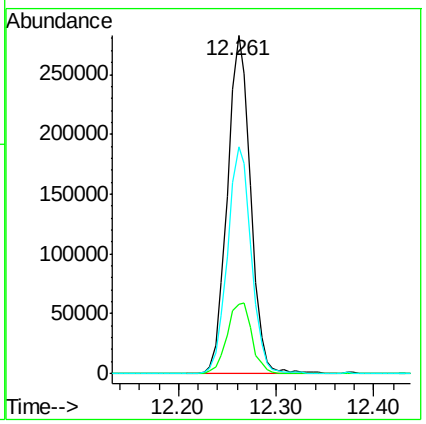


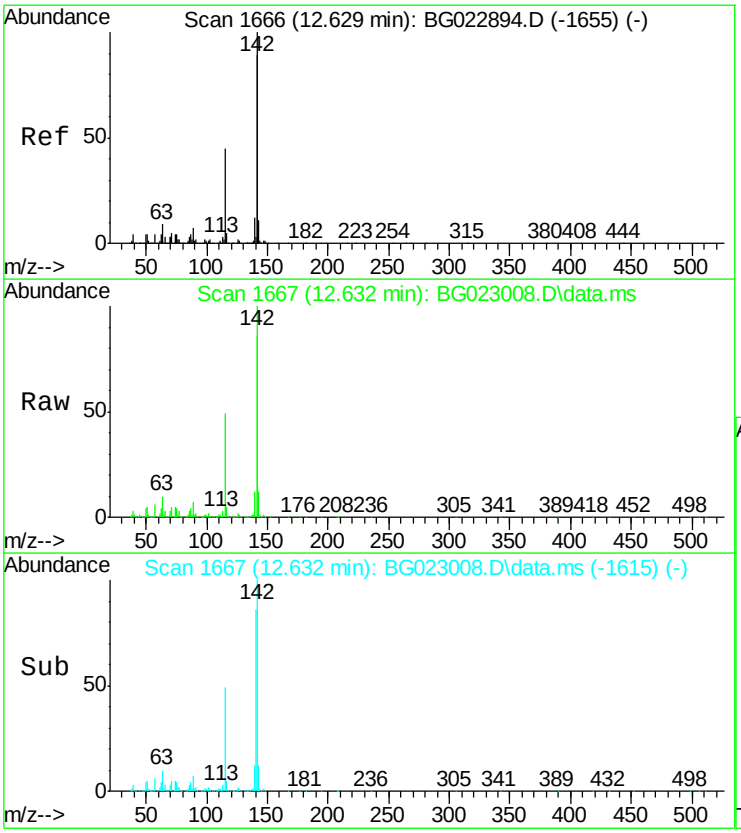

#36
4-Chloro-3-methylphenol
Concen: 42.52 ng
RT: 12.261 min Scan# 16
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:107 Resp: 463900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 20.6 | 17.0 | 25.6 |
| 142 | 67.2 | 53.0 | 79.6 |

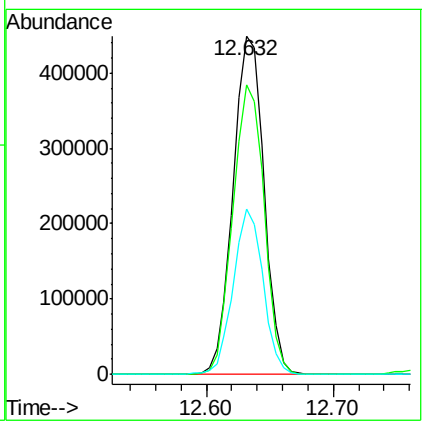


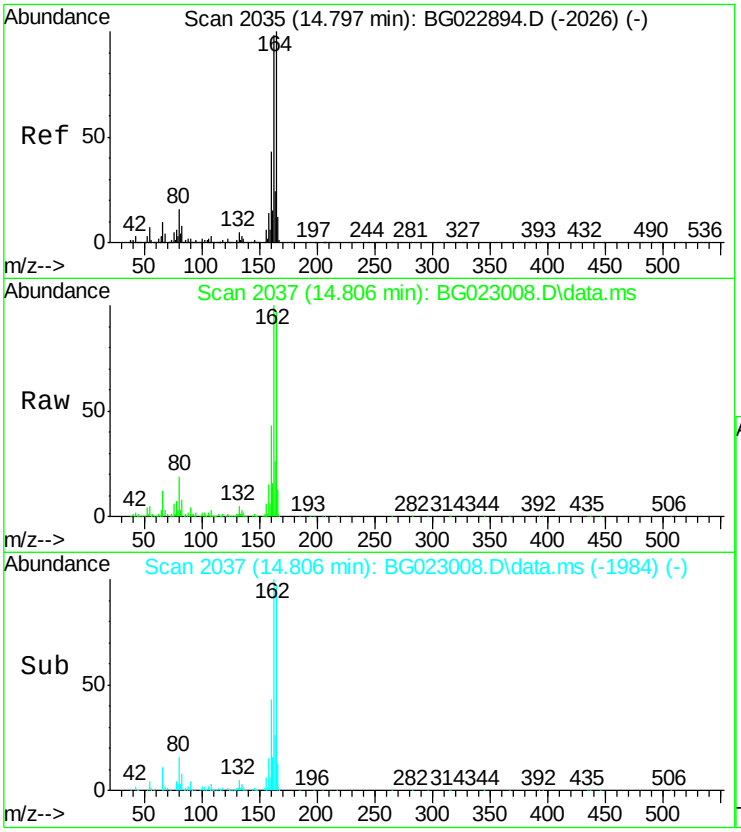




#37
2-Methylnaphthalene
Concen: 42.35 ng
RT: 12.632 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:142 Resp: 757118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.6 | 70.2 | 105.2 |
| 115 | 48.9 | 41.7 | 62.5 |



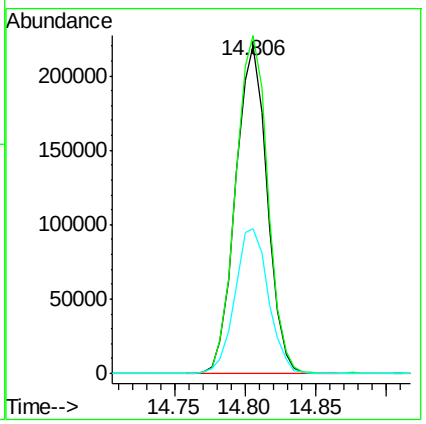


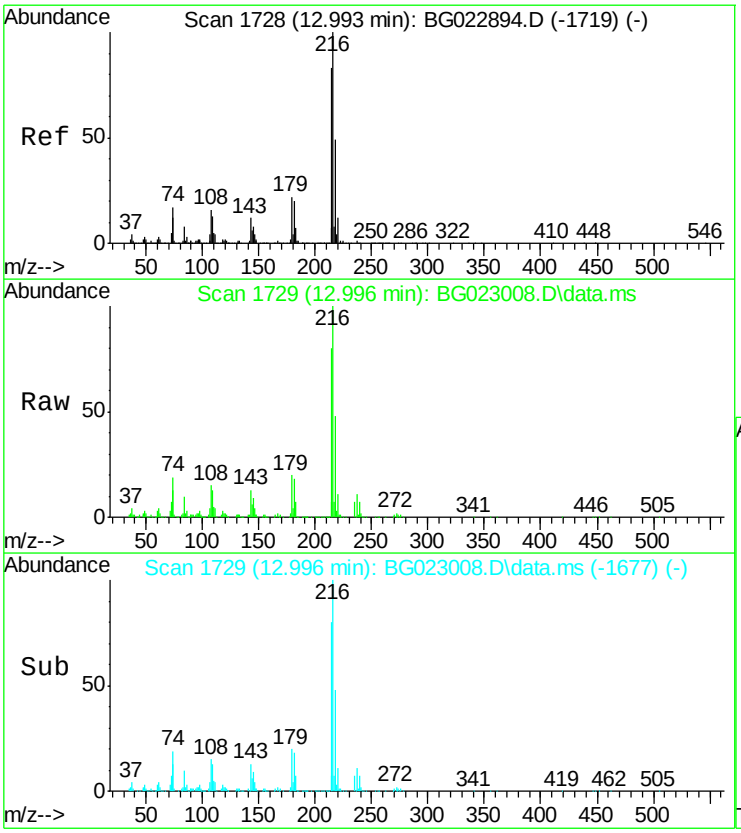

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.806 min Scan# 20
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:164 Resp: 344177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.9 | 87.7 | 131.5 |
| 160 | 44.1 | 37.2 | 55.8 |

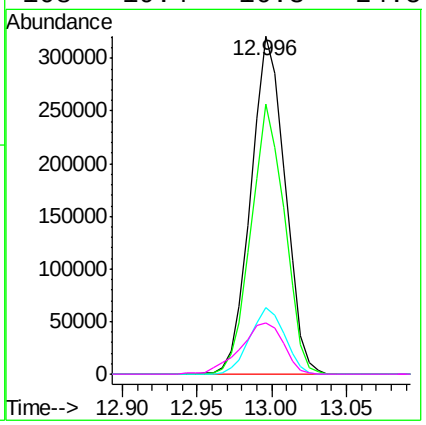


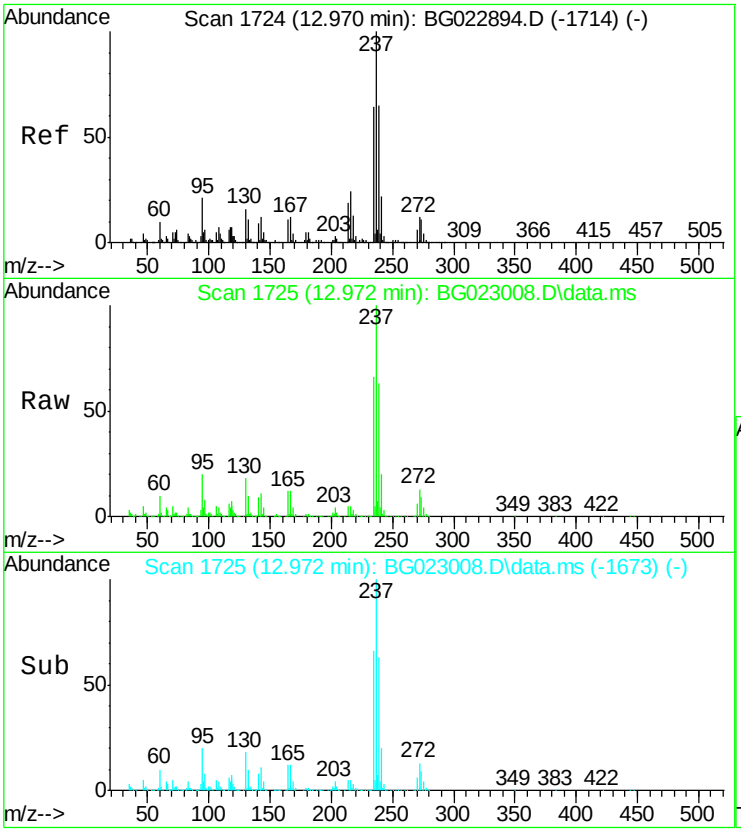




#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.25 ng
RT: 12.996 min Scan# 1729
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:216 Resp: 507970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 62.9 | 94.3 |
| 179 | 20.1 | 17.2 | 25.8 |
| 108 | 19.4 | 16.3 | 24.5 |



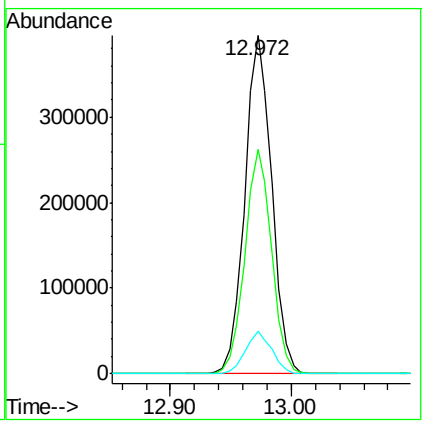


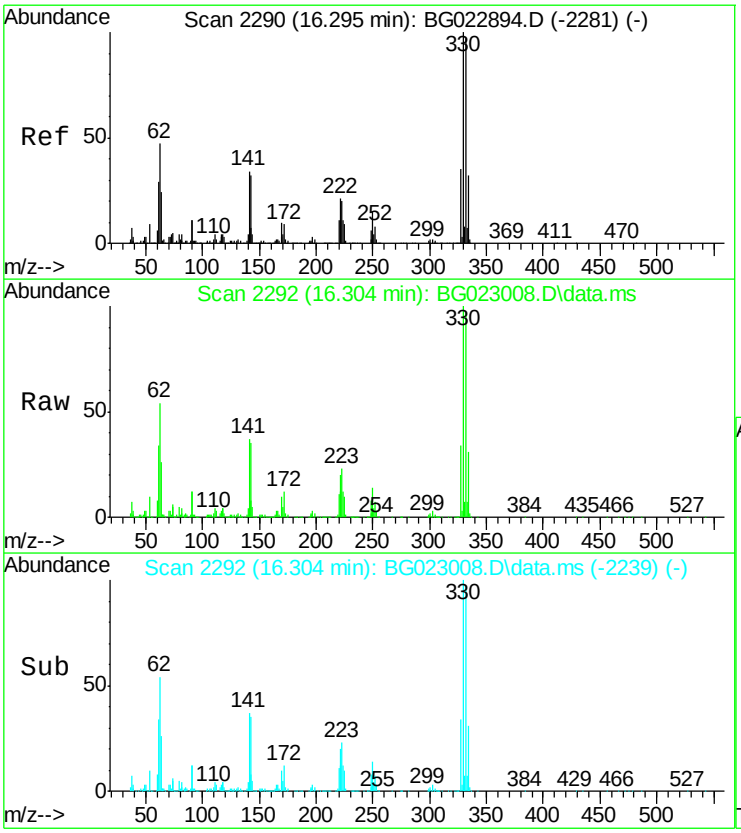

#40
Hexachlorocyclopentadiene
Concen: 71.53 ng
RT: 12.972 min Scan# 17
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:237 Resp: 610736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.4 | 43.1 | 83.1 |
| 272 | 12.5 | 0.0 | 30.9 |

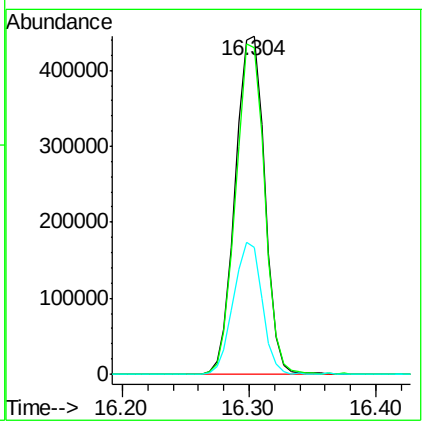


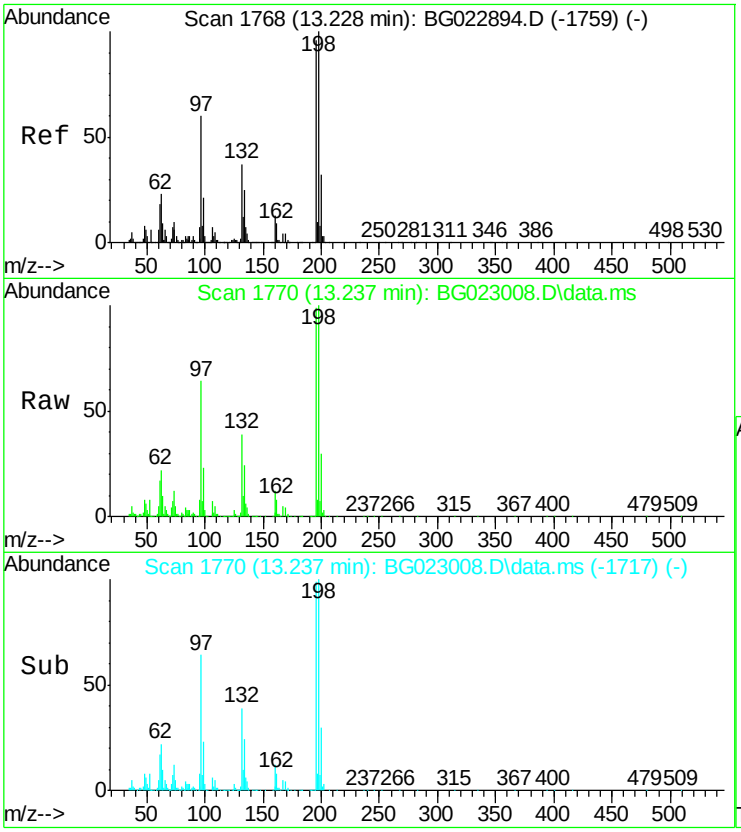




#41
2,4,6-Tribromophenol
Concen: 115.51 ng
RT: 16.304 min Scan# 2292
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:330 Resp: 714500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 77.4 | 116.2 |
| 141 | 38.0 | 31.7 | 47.5 |



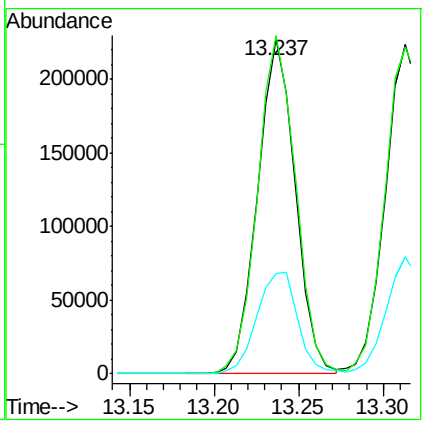


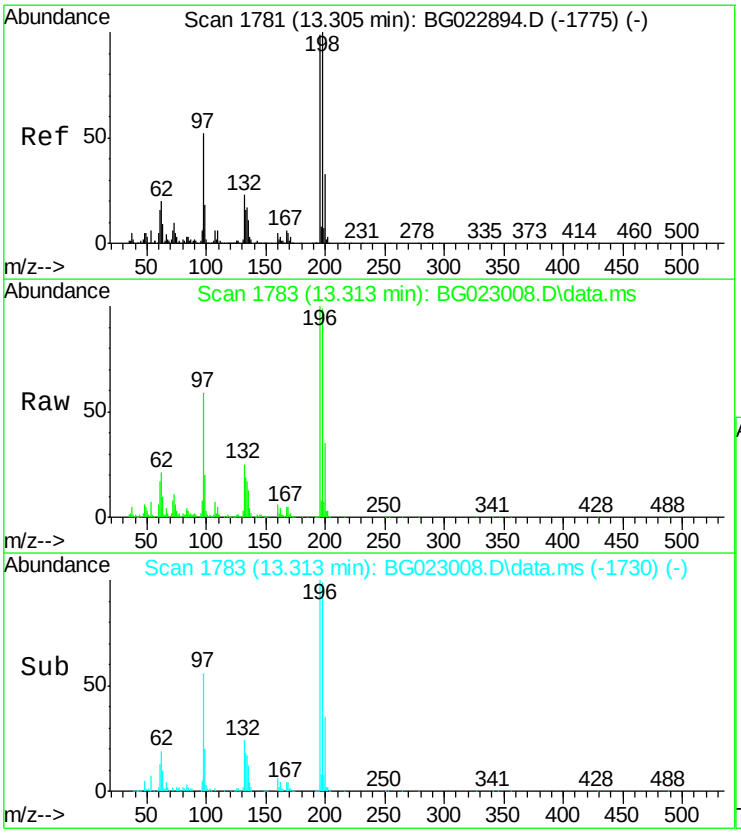

#42
2,4,6-Trichlorophenol
Concen: 41.20 ng
RT: 13.237 min Scan# 17
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:196 Resp: 351256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.0 | 78.2 | 117.2 |
| 200 | 29.8 | 27.0 | 40.4 |

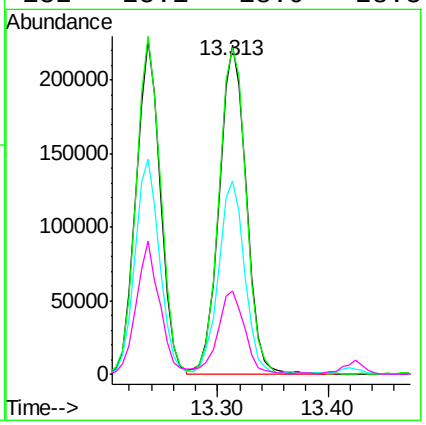


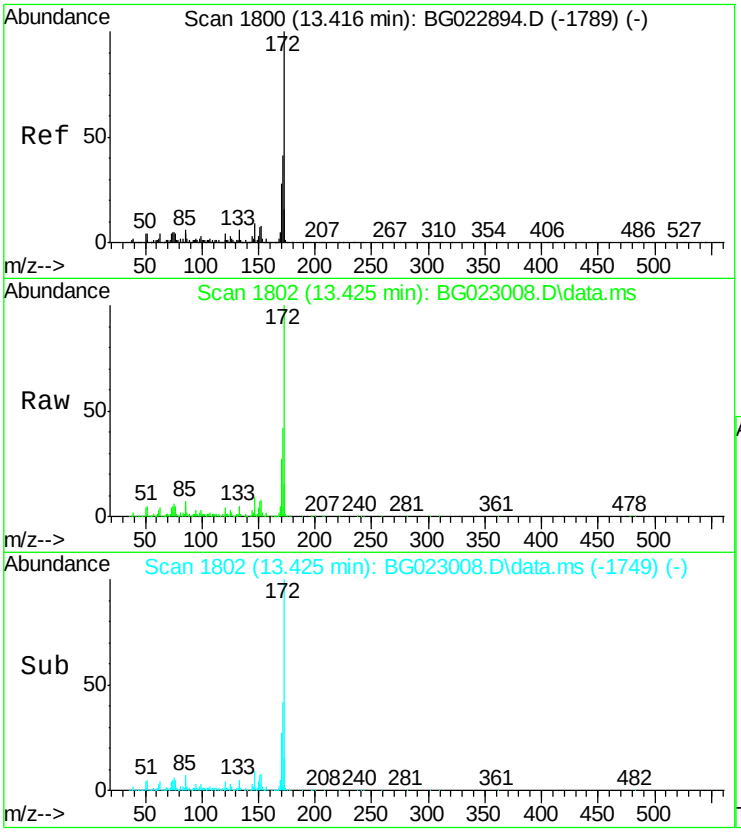




#43
2,4,5-Trichlorophenol
Concen: 43.67 ng
RT: 13.313 min Scan# 1783
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:196 Resp: 382328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.2 | 85.7 | 128.5 |
| 97 | 58.7 | 45.5 | 68.3 |
| 132 | 25.1 | 18.9 | 28.3 |



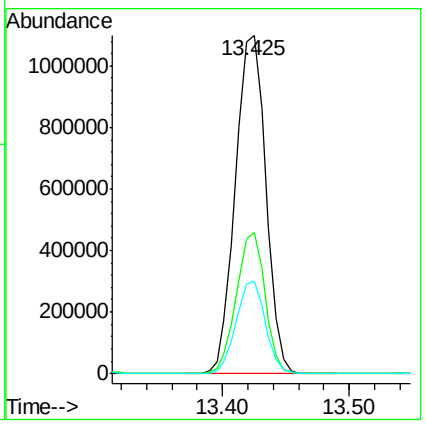


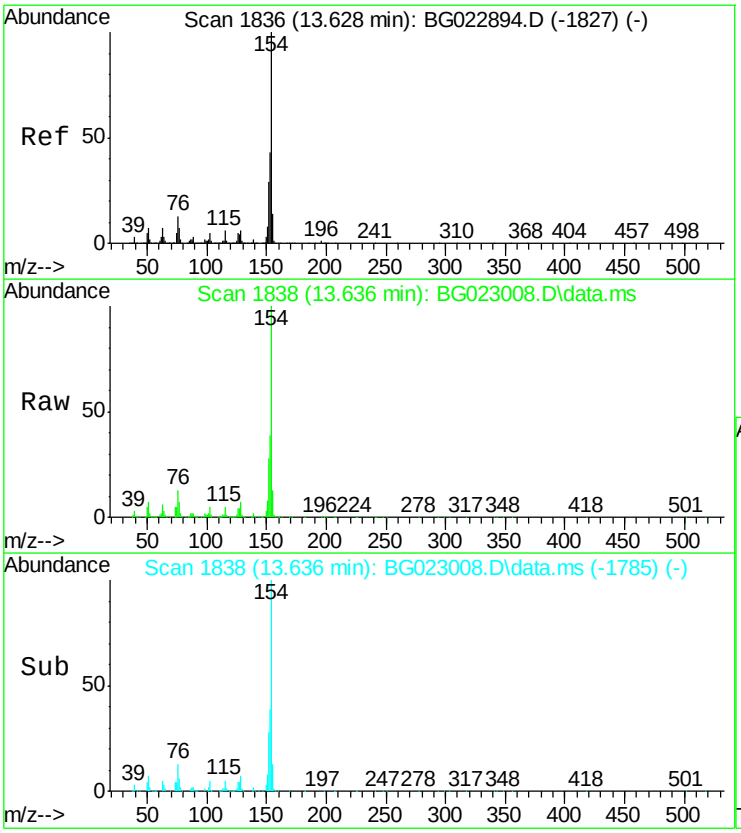

#44
2-Fluorobiphenyl
Concen: 83.69 ng
RT: 13.425 min Scan# 18
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:172 Resp: 1828702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.6 | 31.6 | 47.4 |
| 170 | 27.1 | 21.3 | 31.9 |

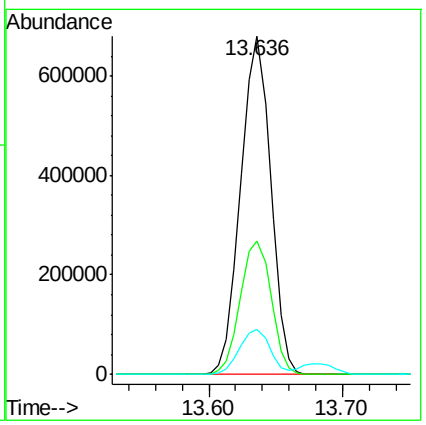


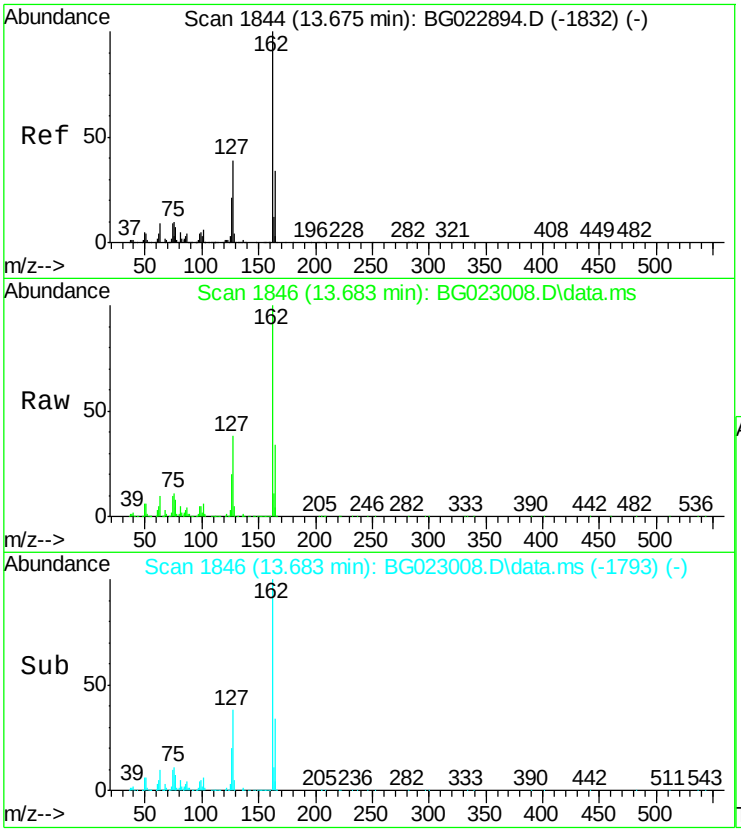




#45
1,1'-Biphenyl
Concen: 40.88 ng
RT: 13.636 min Scan# 1838
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:154 Resp: 1055610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.4 | 20.2 | 60.2 |
| 76 | 13.5 | 0.0 | 32.9 |



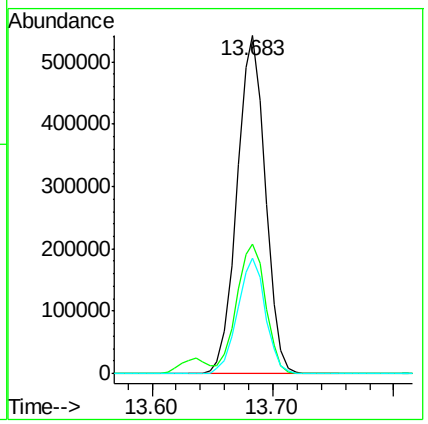


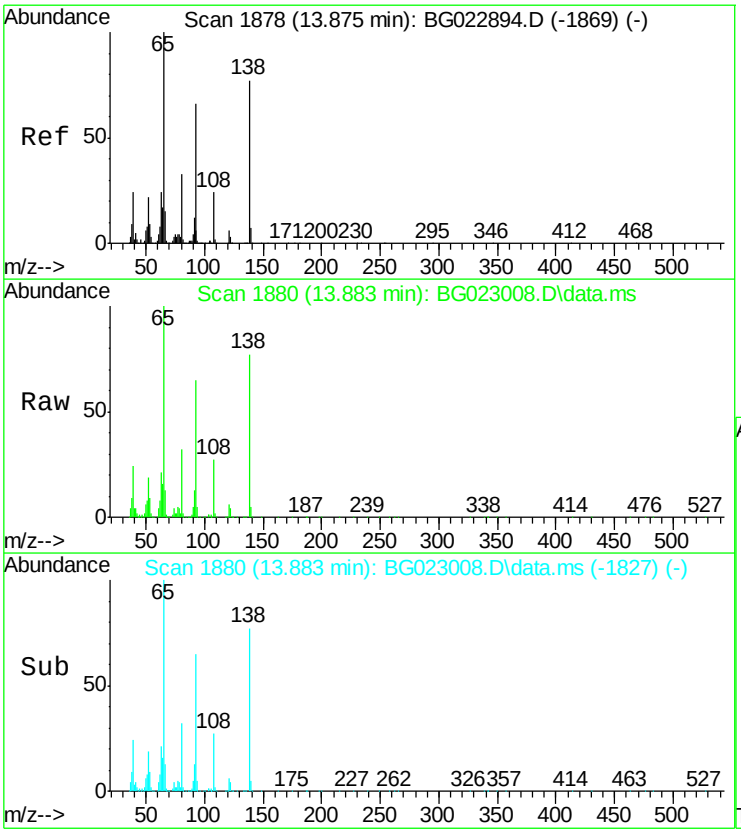

#46
2-Chloronaphthalene
Concen: 42.18 ng
RT: 13.683 min Scan# 18
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:162 Resp: 883575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 32.4 | 48.6 |
| 164 | 34.1 | 25.2 | 37.8 |

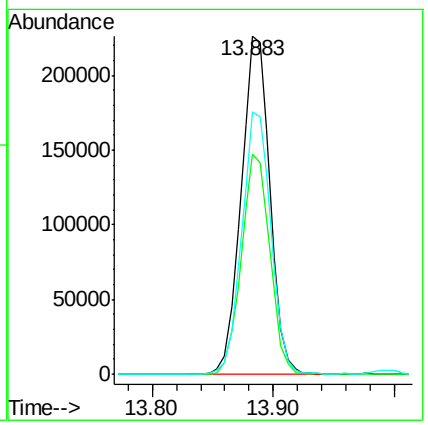


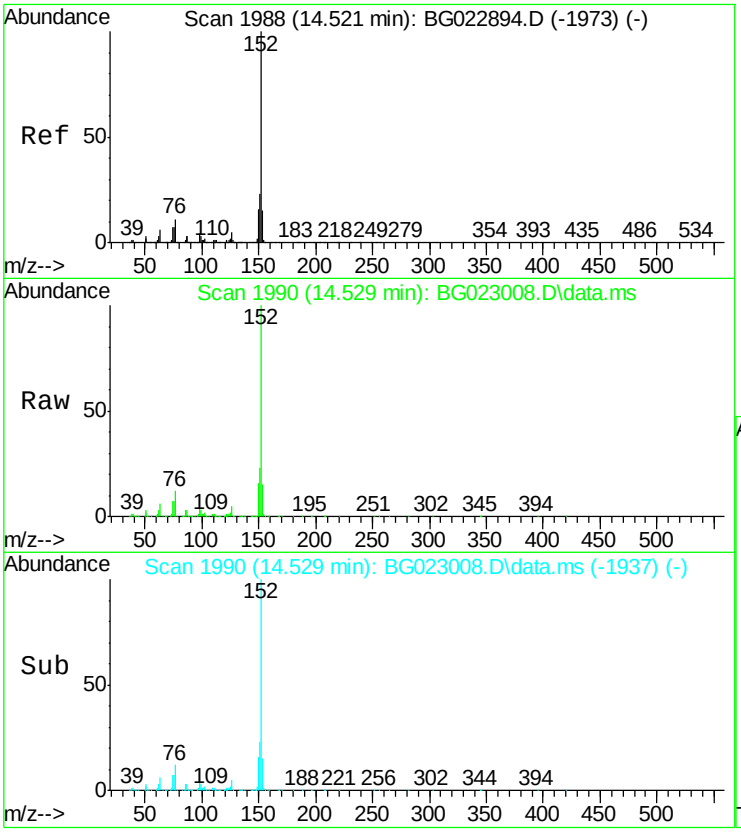




#47
2-Nitroaniline
Concen: 41.89 ng
RT: 13.883 min Scan# 1880
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion: 65 Resp: 374471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.3 | 49.4 | 74.0 |
| 138 | 77.5 | 58.0 | 87.0 |



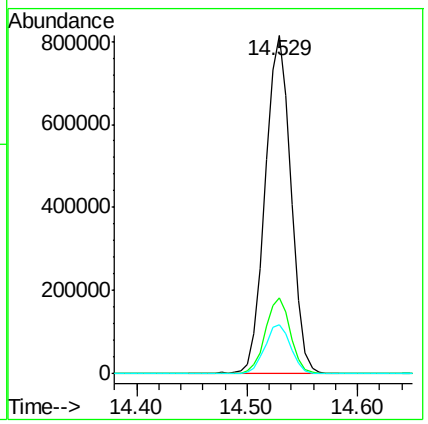


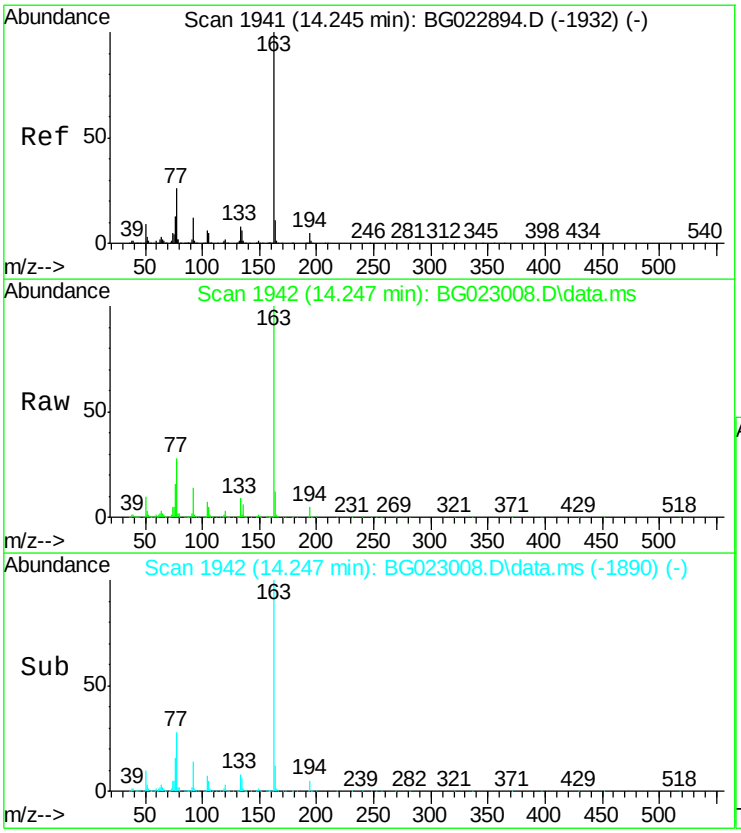

#48
Acenaphthylene
Concen: 42.33 ng
RT: 14.529 min Scan# 19
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:152 Resp: 1330167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.5 | 17.6 | 26.4 |
| 153 | 14.5 | 11.4 | 17.2 |

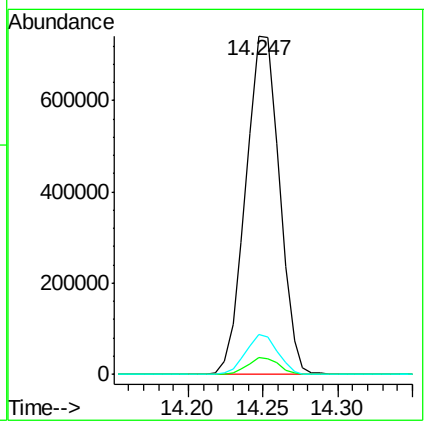


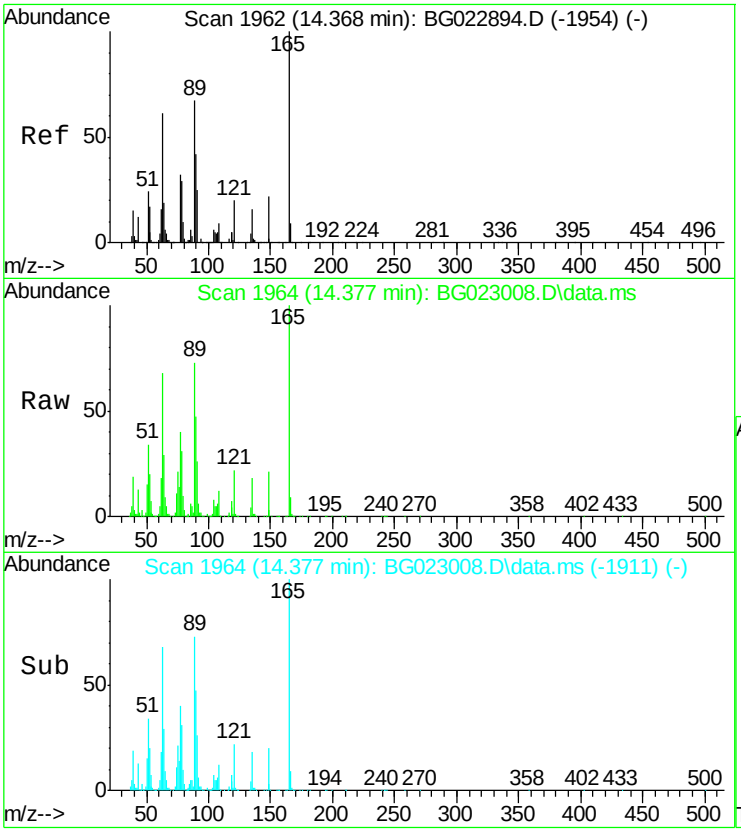




#49
Dimethylphthalate
Concen: 41.09 ng
RT: 14.247 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:163 Resp: 1155261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 3.6 | 5.4 |
| 164 | 11.6 | 8.1 | 12.1 |



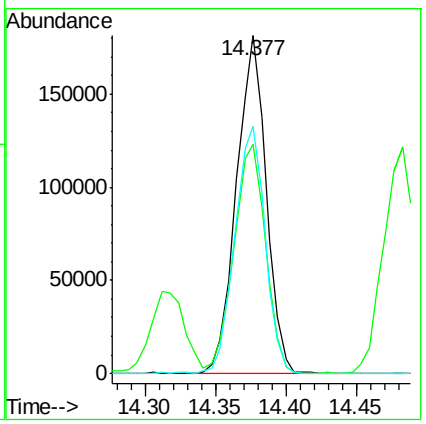


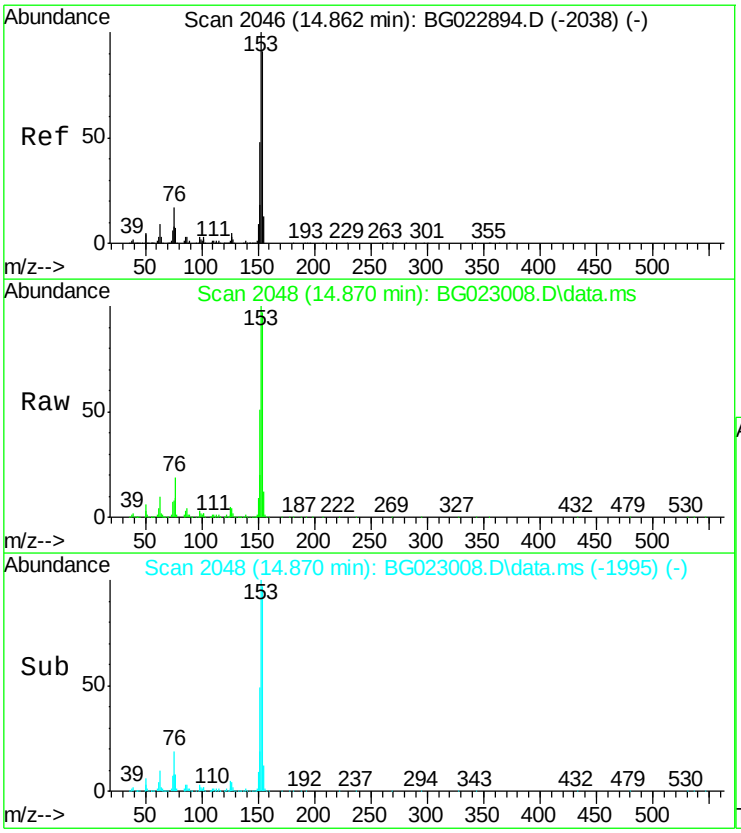

#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 14.377 min Scan# 19
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:165 Resp: 266945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.9 | 64.3 | 96.5 |
| 89 | 73.2 | 64.3 | 96.5 |

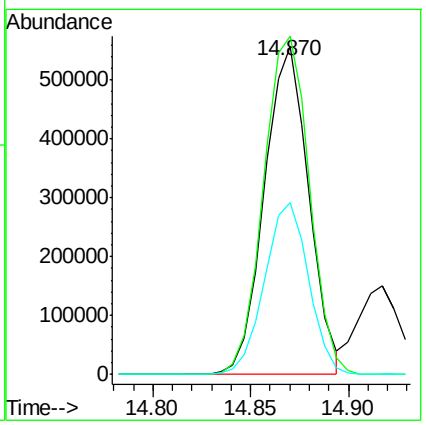


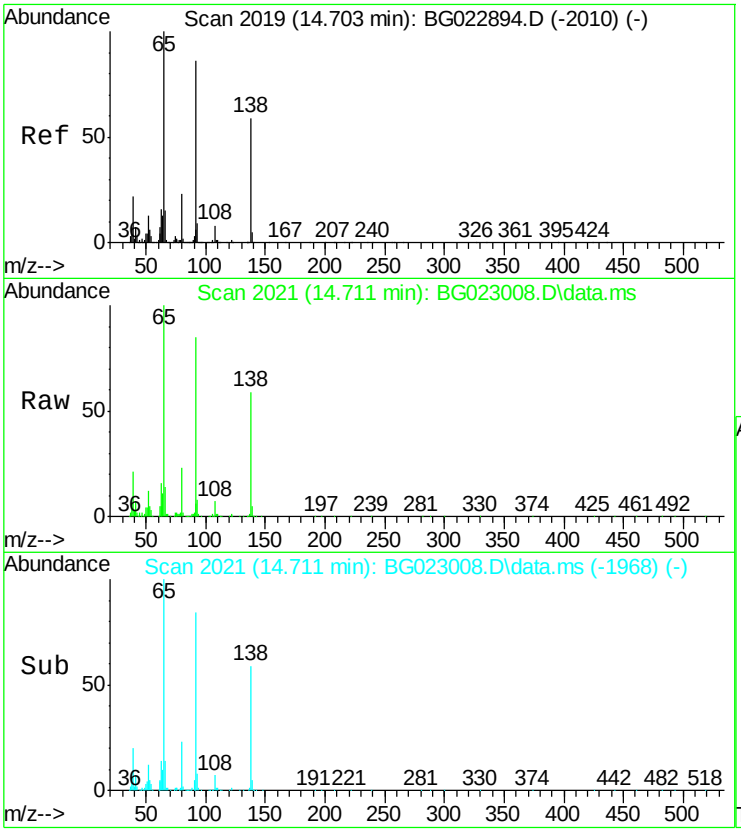




#51
Acenaphthene
Concen: 42.51 ng
RT: 14.870 min Scan# 2048
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:154 Resp: 873022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 103.0 | 87.5 | 131.3 |
| 152 | 52.5 | 42.7 | 64.1 |



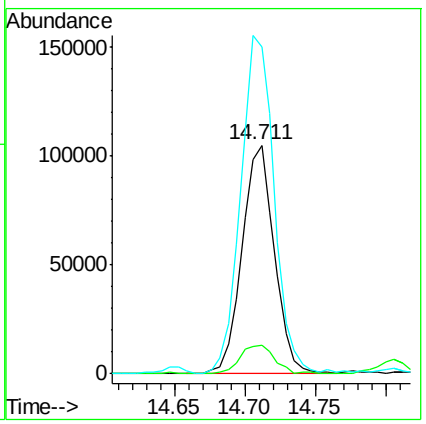


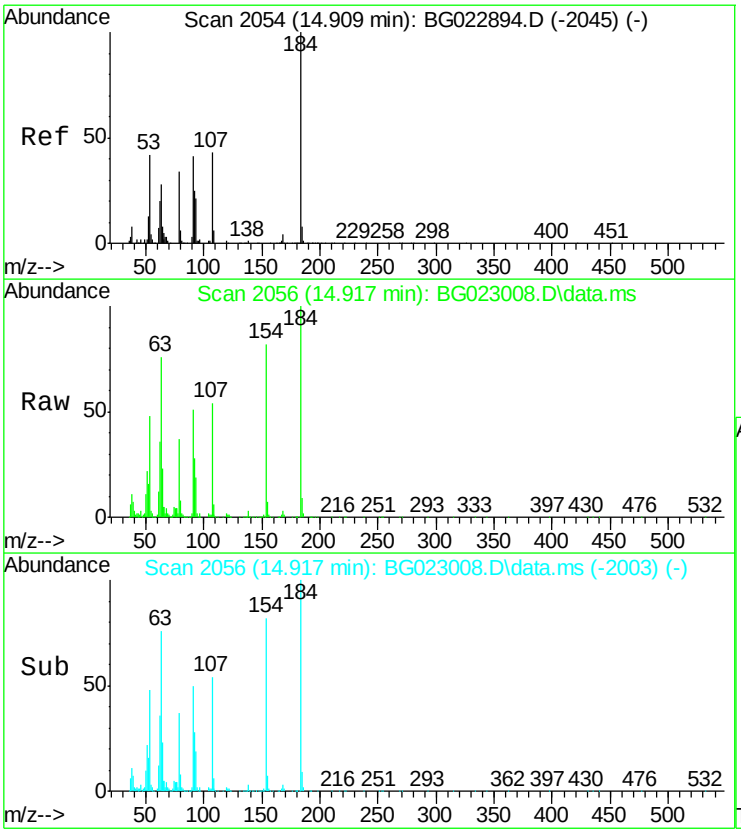

#52
3-Nitroaniline
Concen: 26.64 ng
RT: 14.711 min Scan# 20
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:138 Resp: 167863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.4 | 11.7 | 17.5 |
| 92 | 143.1 | 129.7 | 194.5 |

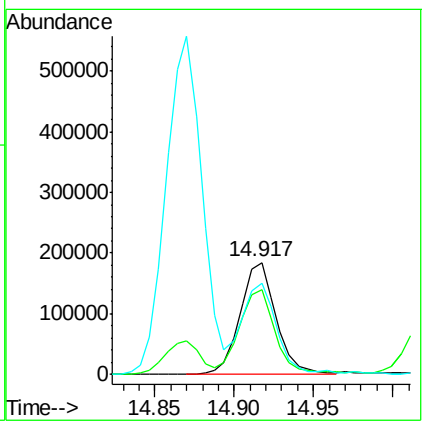


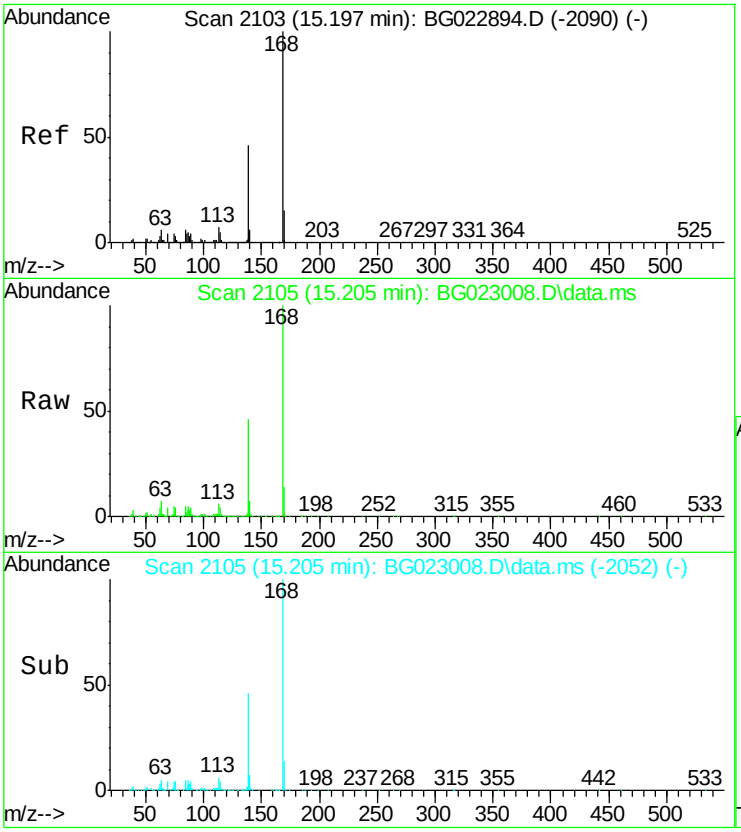




#53
2,4-Dinitrophenol
Concen: 66.77 ng
RT: 14.917 min Scan# 2056
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:184 Resp: 289485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 75.8 | 59.6 | 89.4 |
| 154 | 82.1 | 67.4 | 101.0 |



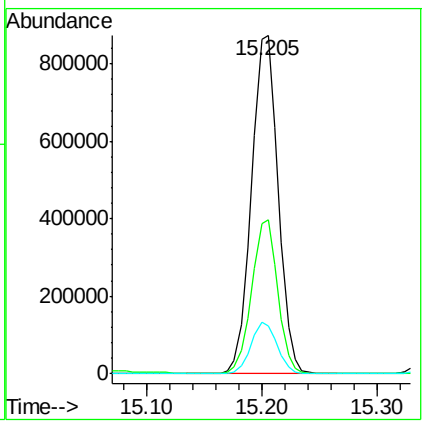


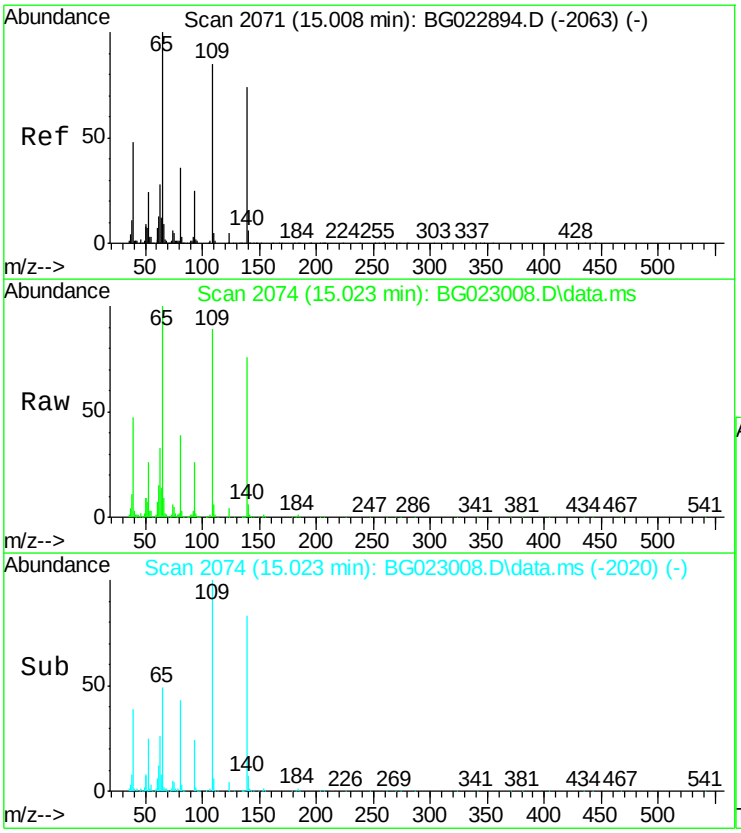

#54
Dibenzofuran
Concen: 45.77 ng
RT: 15.205 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:168 Resp: 1406966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 45.7 | 36.4 | 54.6 |
| 169 | 14.1 | 11.9 | 17.9 |

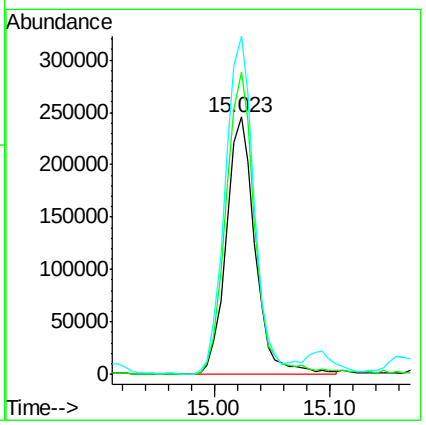


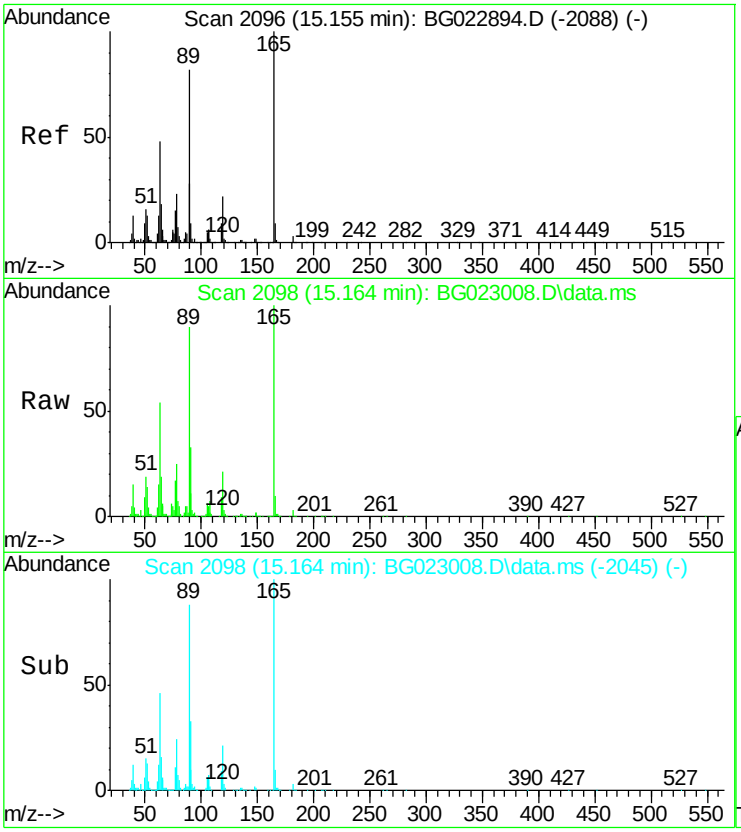




#55
4-Nitrophenol
Concen: 80.42 ng
RT: 15.023 min Scan# 2074
Delta R.T. 0.014 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:139 Resp: 424700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 117.5 | 103.0 | 143.0 |
| 65 | 131.4 | 112.7 | 152.7 |



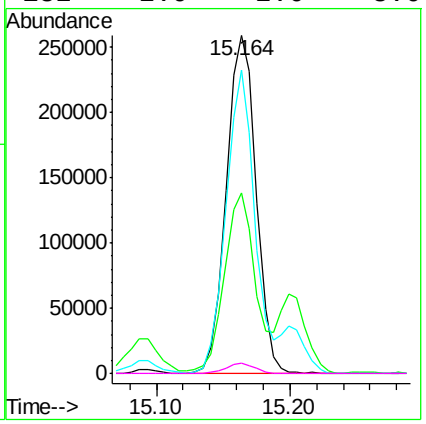


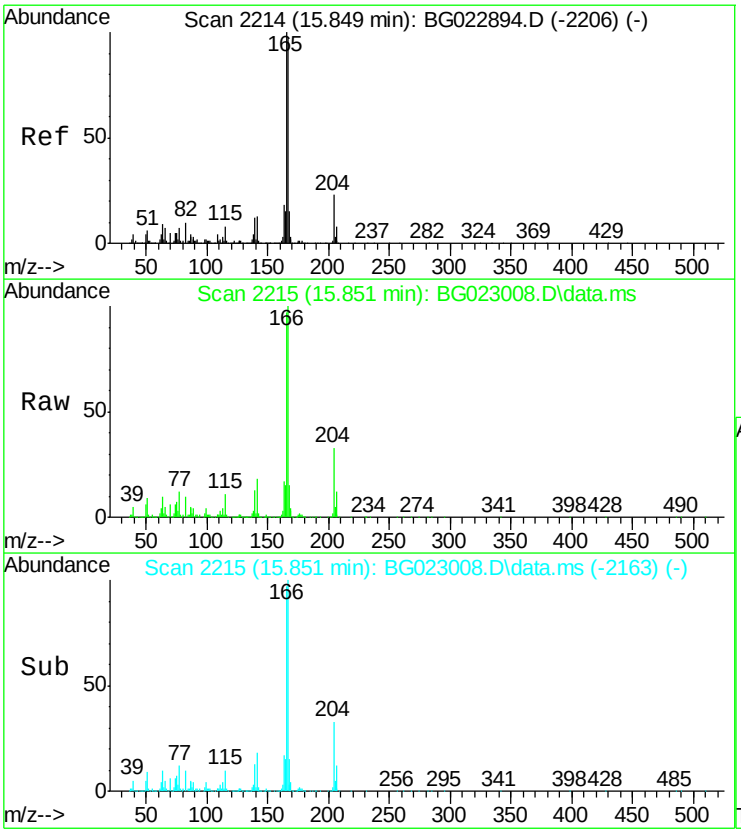

#56
2,4-Dinitrotoluene
Concen: 43.92 ng
RT: 15.164 min Scan# 20
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:165 Resp: 404610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.6 | 45.8 | 68.6 |
| 89 | 89.6 | 68.6 | 102.8 |
| 182 | 2.9 | 2.0 | 3.0 |

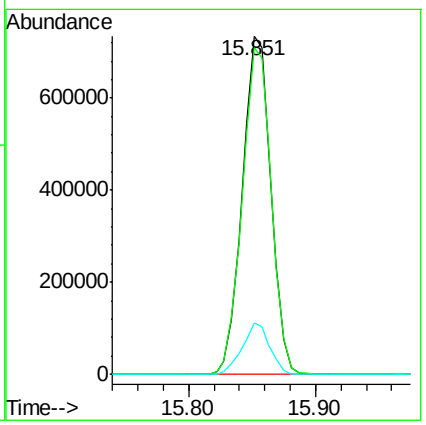


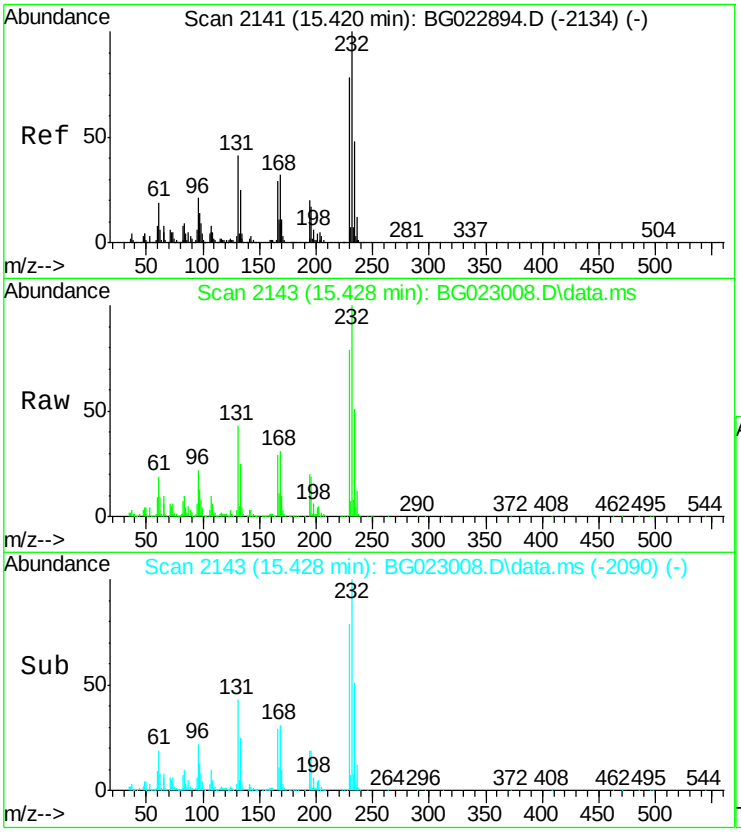




#57
Fluorene
Concen: 43.41 ng
RT: 15.851 min Scan# 2215
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:166 Resp: 1148358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.7 | 81.0 | 121.6 |
| 167 | 15.1 | 12.0 | 18.0 |



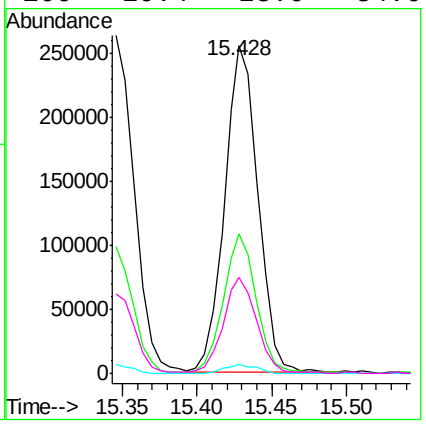


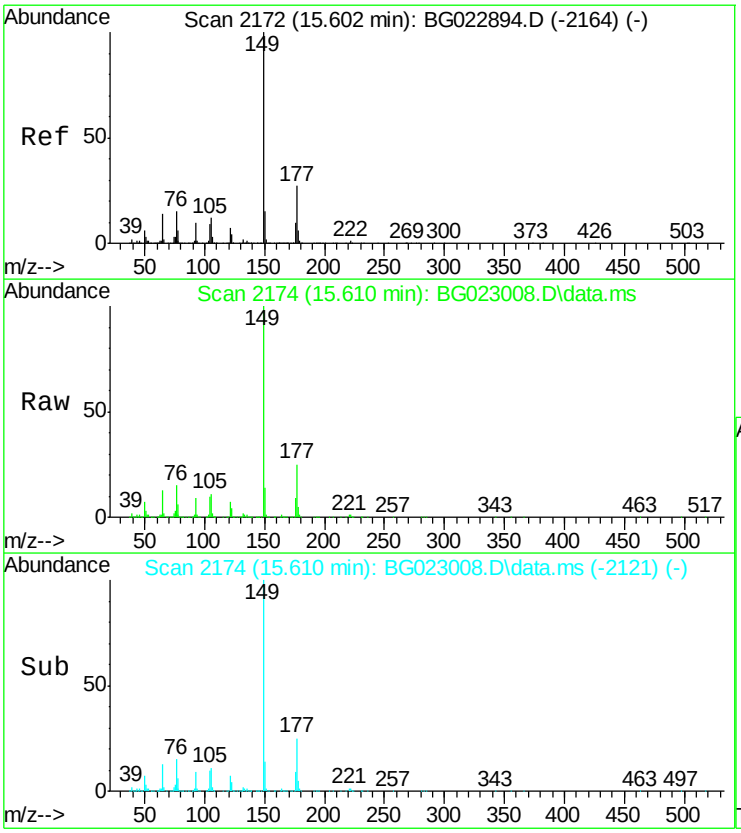

#58
2,3,4,6-Tetrachlorophenol
Concen: 45.40 ng
RT: 15.428 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:232 Resp: 397632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 32.7 | 49.1 |
| 130 | 2.9 | 2.6 | 3.8 |
| 166 | 29.4 | 23.0 | 34.6 |

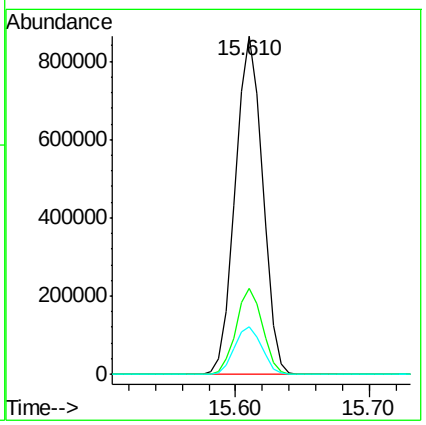


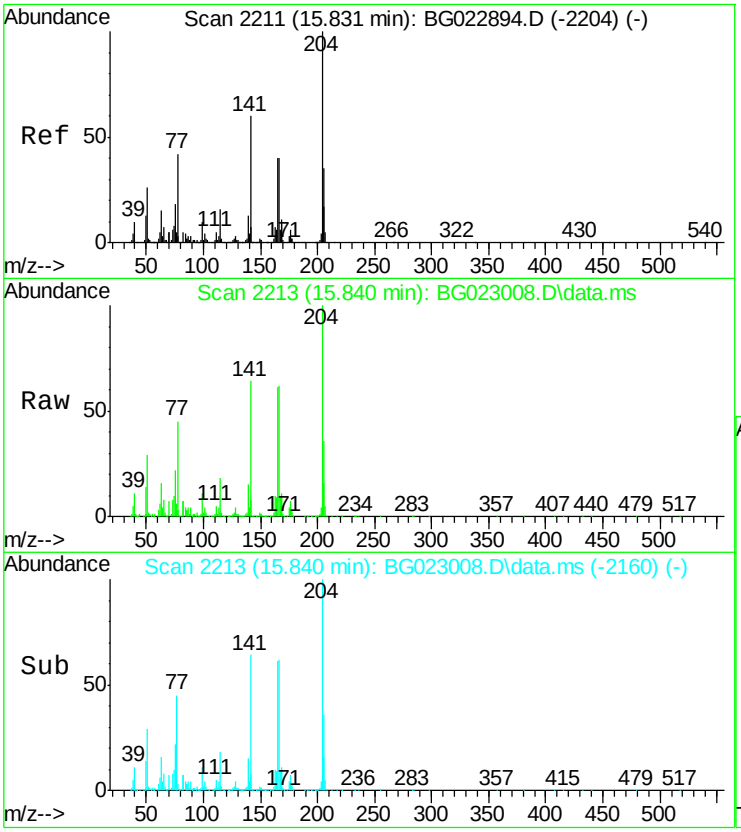




#59
Diethylphthalate
Concen: 42.91 ng
RT: 15.610 min Scan# 2174
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:149 Resp: 1227624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.4 | 19.2 | 28.8 |
| 150 | 14.0 | 10.6 | 16.0 |



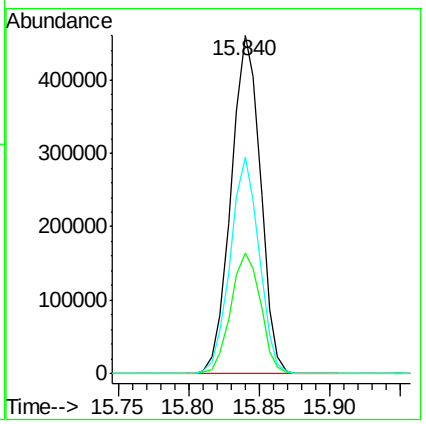


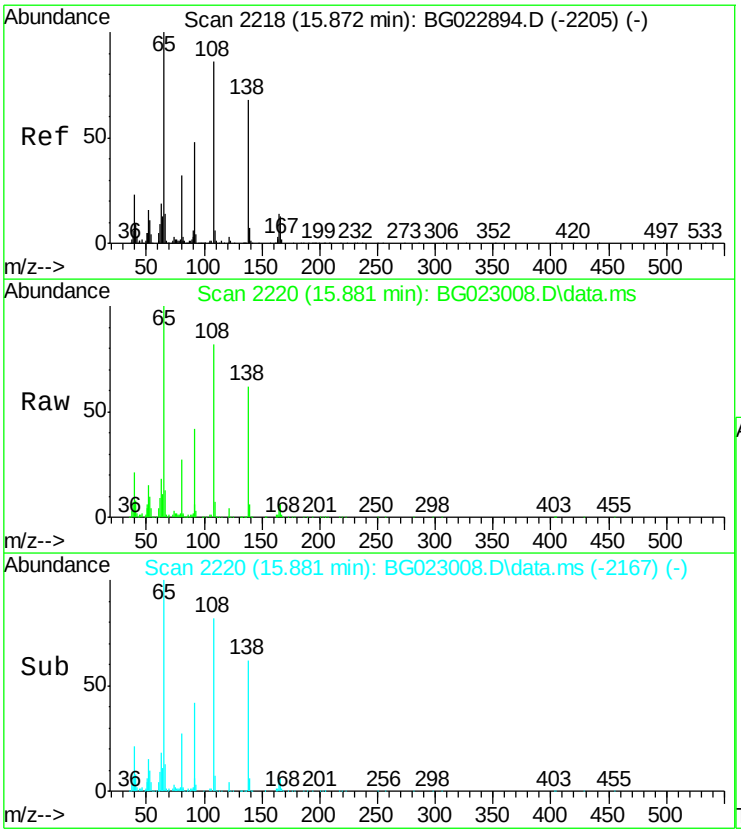

#60
4-Chlorophenyl-phenylether
Concen: 41.42 ng
RT: 15.840 min Scan# 22
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:204 Resp: 667332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.8 | 28.5 | 42.7 |
| 141 | 64.2 | 51.4 | 77.0 |

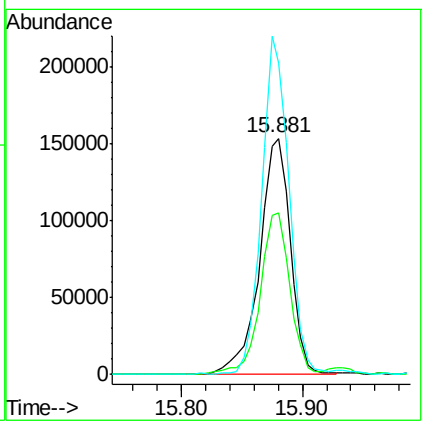


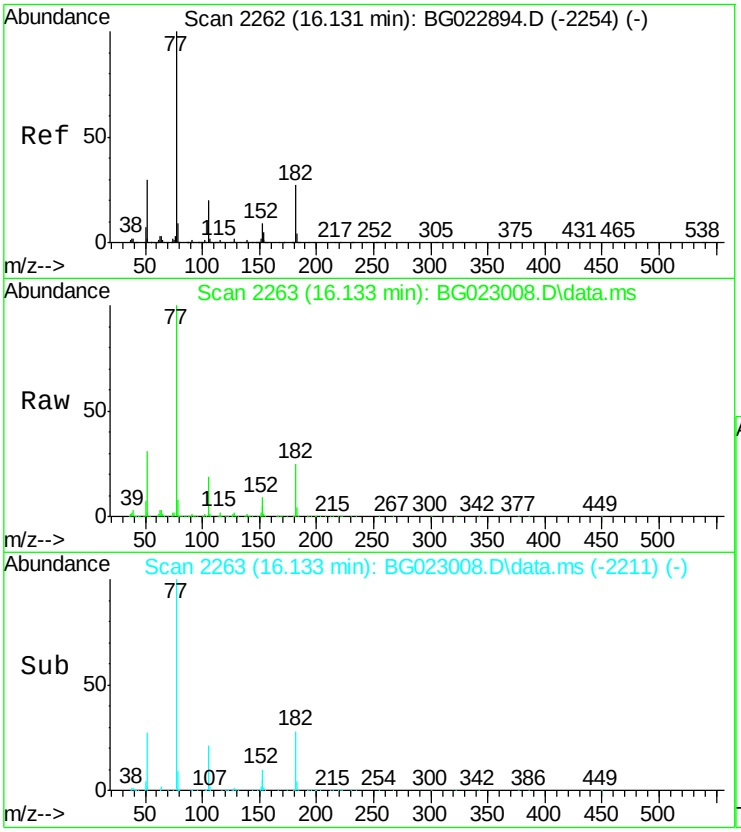




#61
4-Nitroaniline
Concen: 39.42 ng
RT: 15.881 min Scan# 2220
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:138 Resp: 268776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 68.4 | 54.1 | 94.1 |
| 108 | 132.1 | 133.9 | 173.9# |



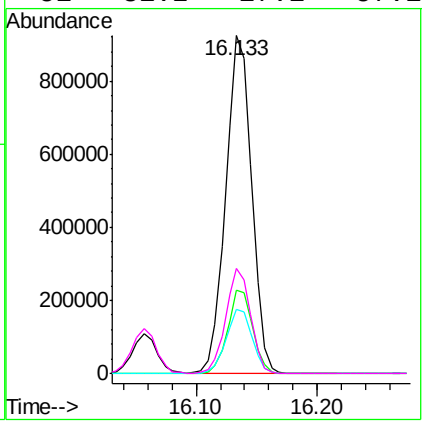


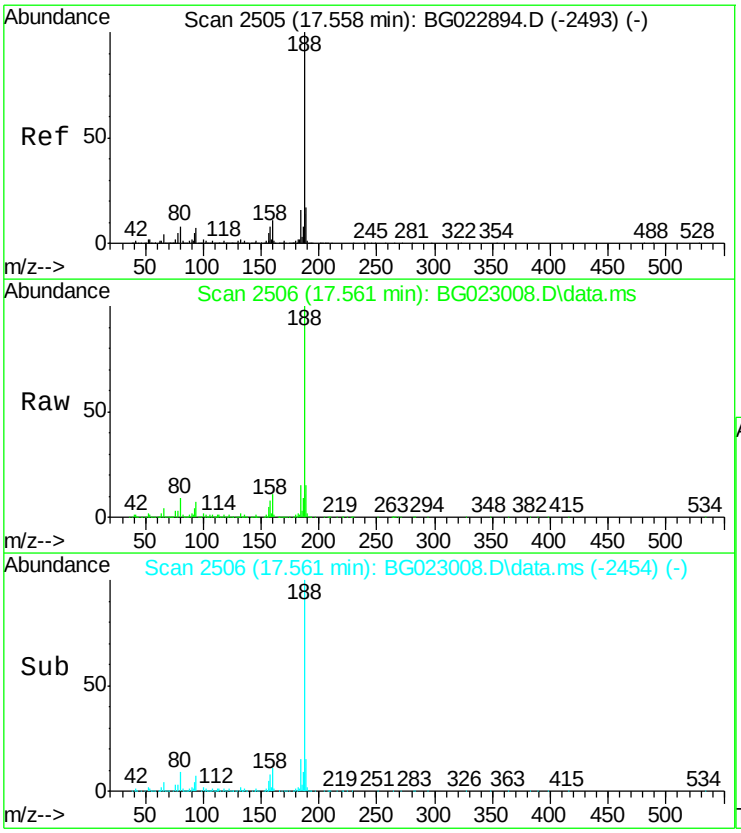

#62
Azobenzene
Concen: 50.24 ng
RT: 16.133 min Scan# 22
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion: 77 Resp: 1374671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.6 | 3.5 | 43.5 |
| 105 | 19.2 | 0.0 | 38.5 |
| 51 | 31.2 | 17.1 | 57.1 |

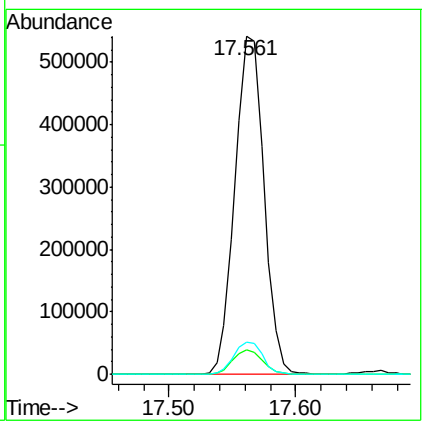


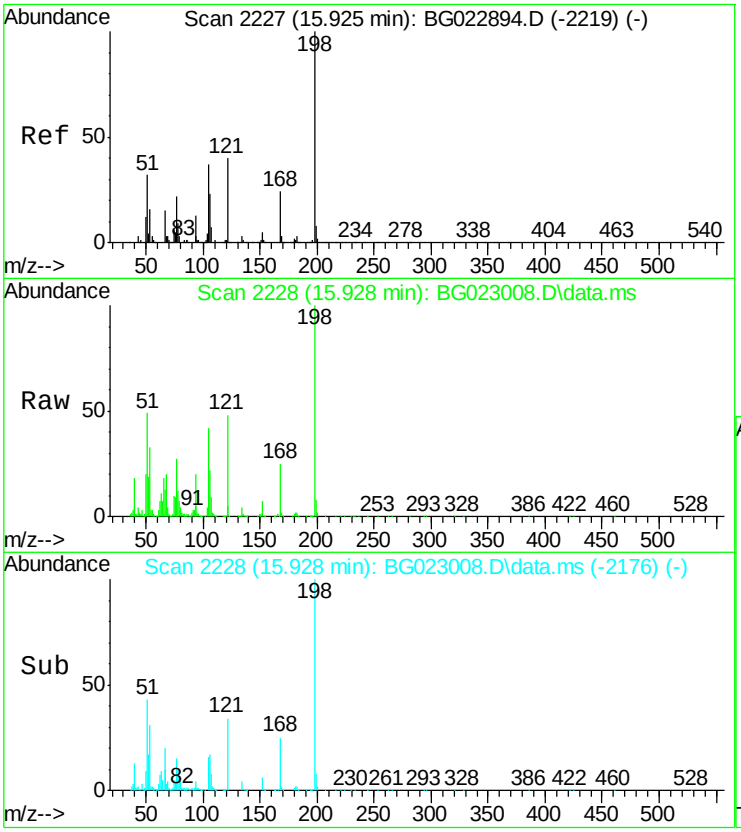




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.561 min Scan# 2506
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:188 Resp: 857198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 5.2 | 7.8 |
| 80 | 9.5 | 7.2 | 10.8 |



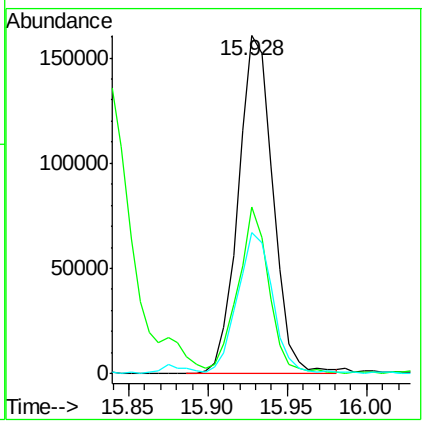


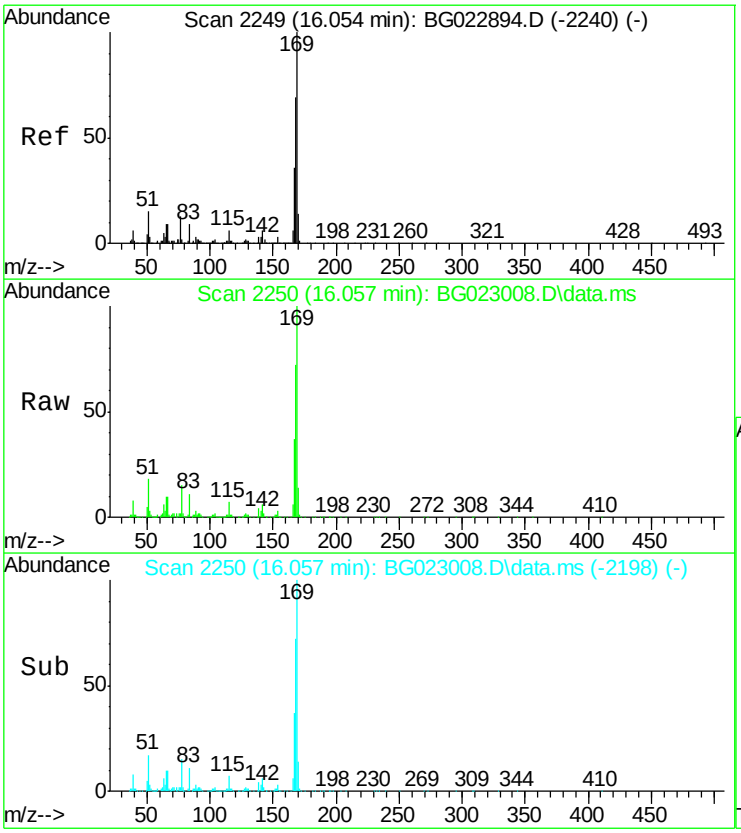

#64
4,6-Dinitro-2-methylphenol
Concen: 38.08 ng
RT: 15.928 min Scan# 22
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:198 Resp: 242610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 49.3 | 26.0 | 66.0 |
| 105 | 41.8 | 20.1 | 60.1 |

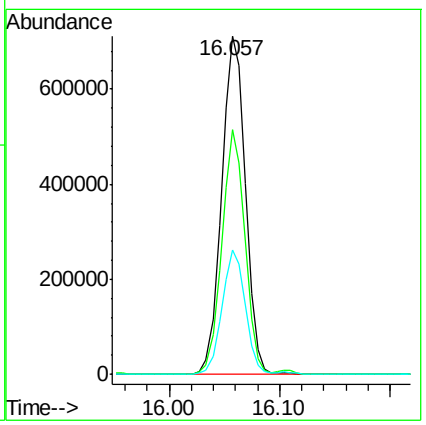


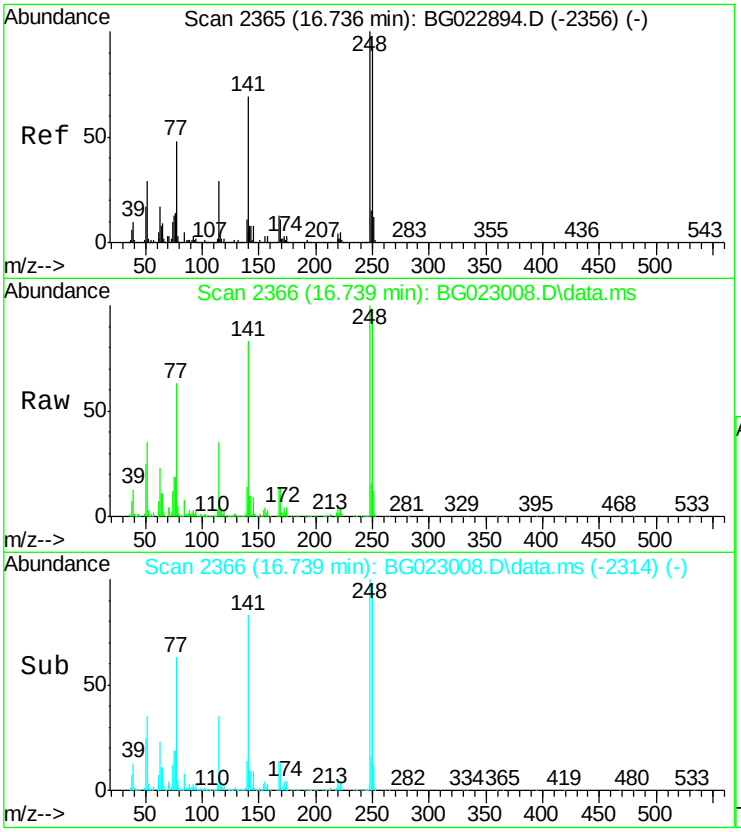




#65
n-Nitrosodiphenylamine
Concen: 43.30 ng
RT: 16.057 min Scan# 2250
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:169 Resp: 1069340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 72.2 | 55.0 | 82.4 |
| 167 | 36.6 | 27.4 | 41.0 |



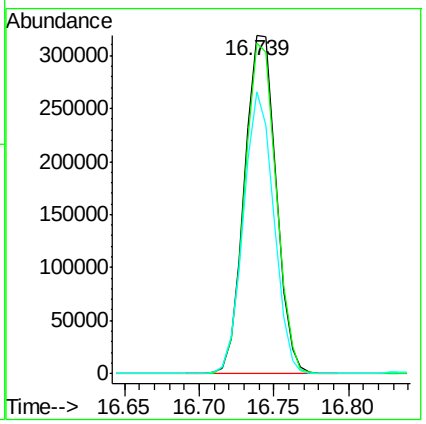


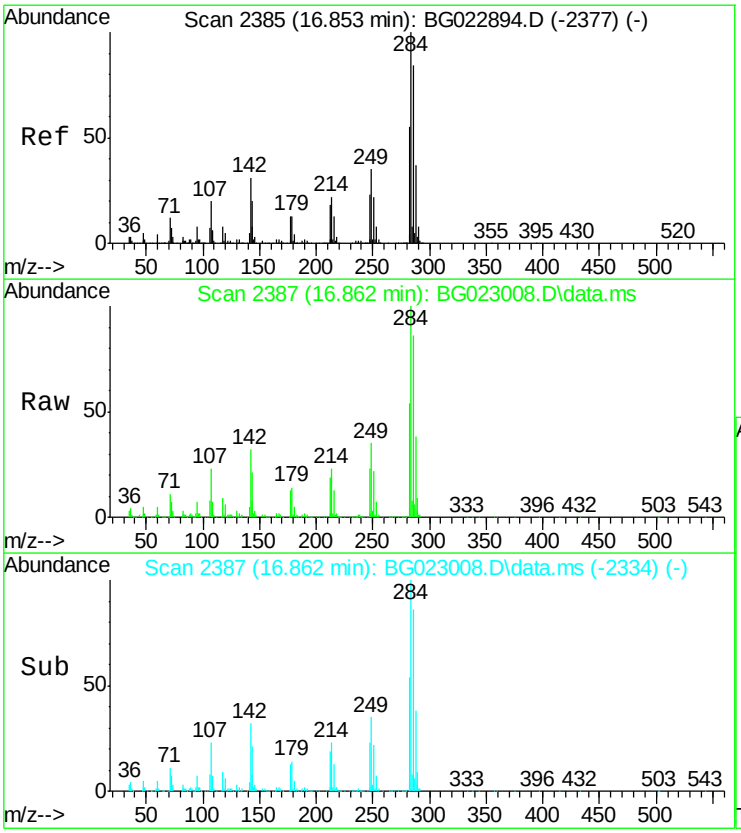

#66
4-Bromophenyl-phenylether
Concen: 41.67 ng
RT: 16.739 min Scan# 23
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:248 Resp: 464712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 77.8 | 116.8 |
| 141 | 83.4 | 65.7 | 98.5 |

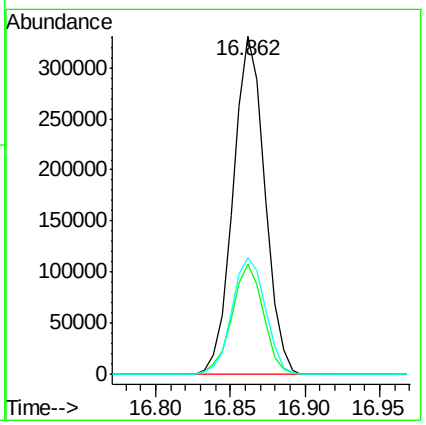


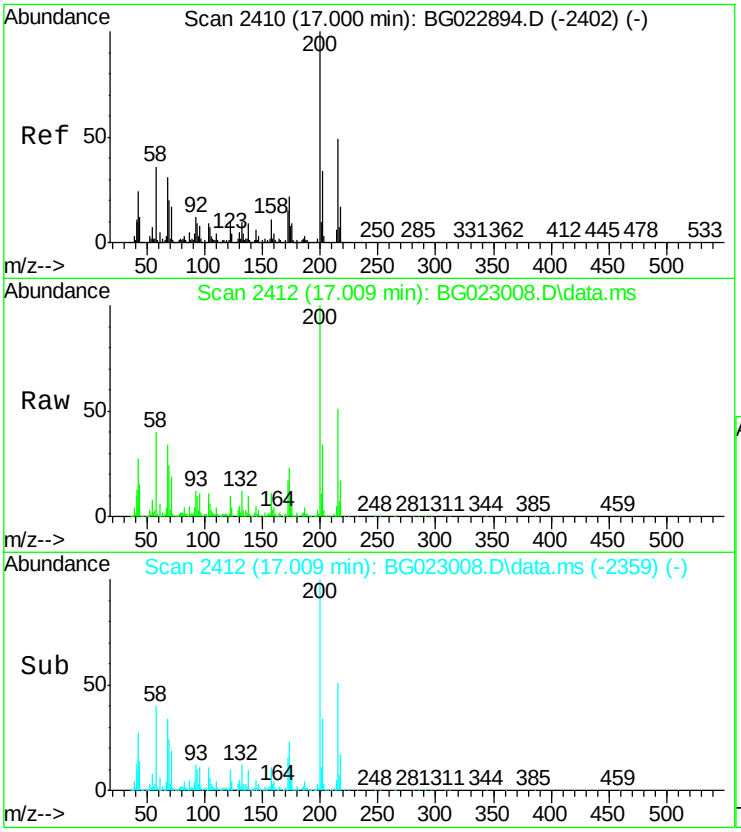




#67
Hexachlorobenzene
Concen: 40.26 ng
RT: 16.862 min Scan# 2387
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:284 Resp: 488171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.4 | 26.8 | 40.2 |
| 249 | 34.6 | 28.9 | 43.3 |



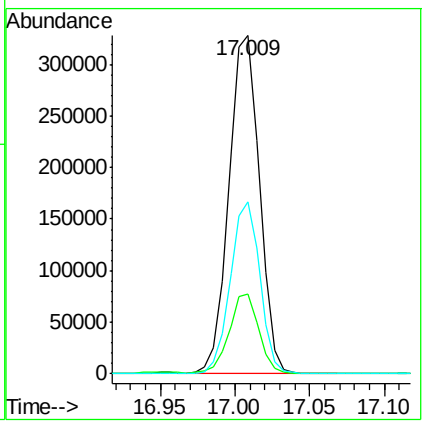


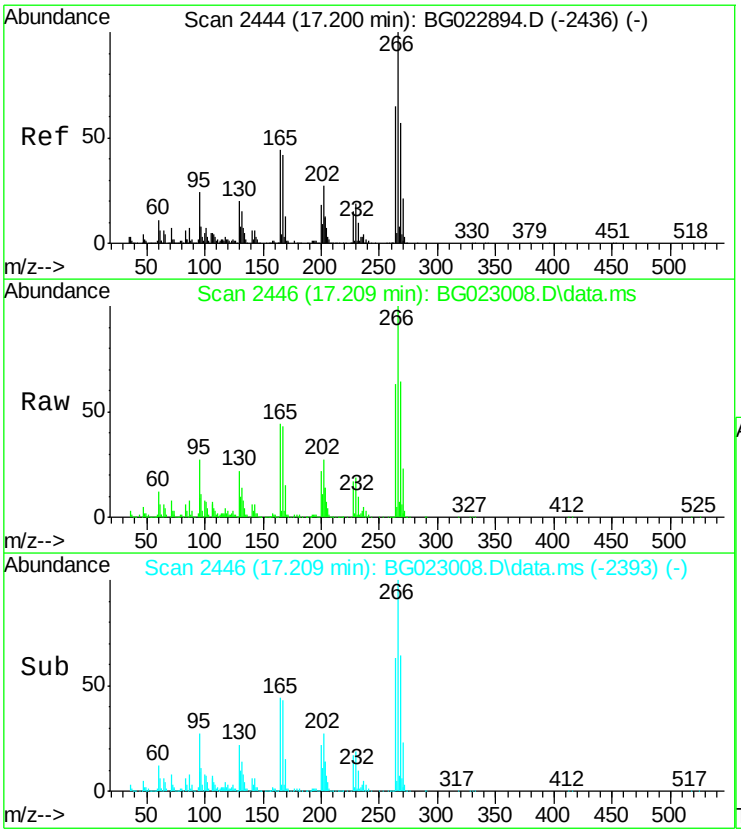

#68
Atrazine
Concen: 43.02 ng
RT: 17.009 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:200 Resp: 471291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.4 | 1.6 | 41.6 |
| 215 | 50.8 | 28.7 | 68.7 |

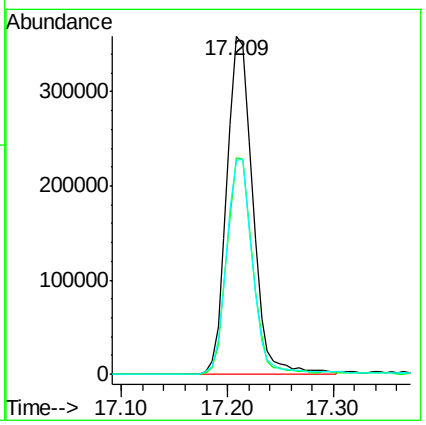


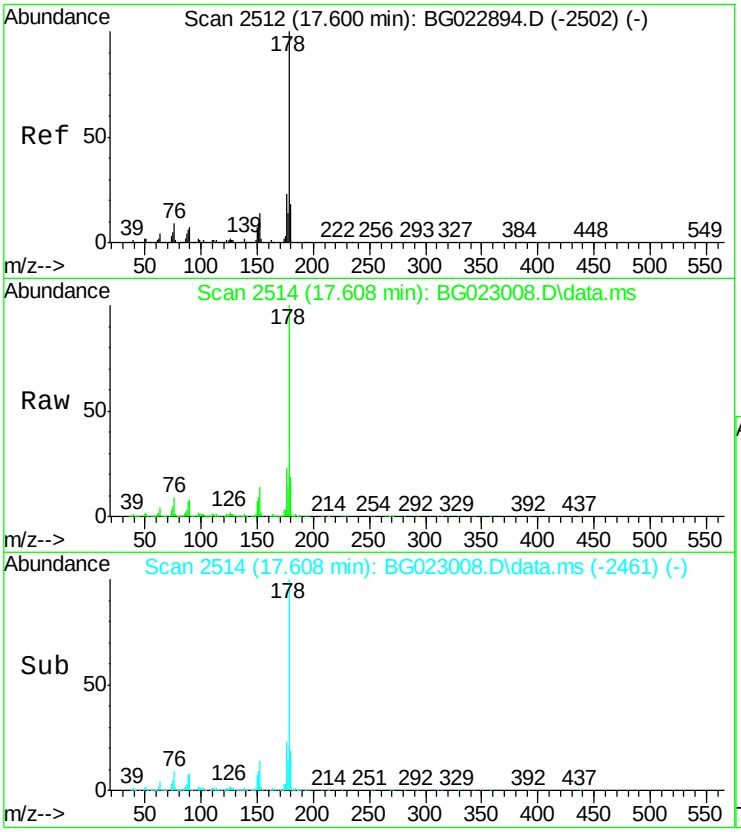




#69
Pentachlorophenol
Concen: 77.55 ng
RT: 17.209 min Scan# 2446
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:266 Resp: 608949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 51.9 | 77.9 |
| 264 | 63.3 | 50.6 | 75.8 |



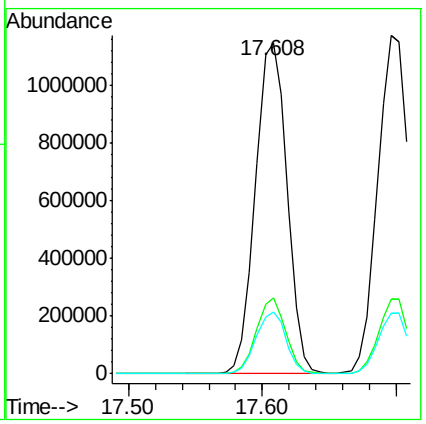


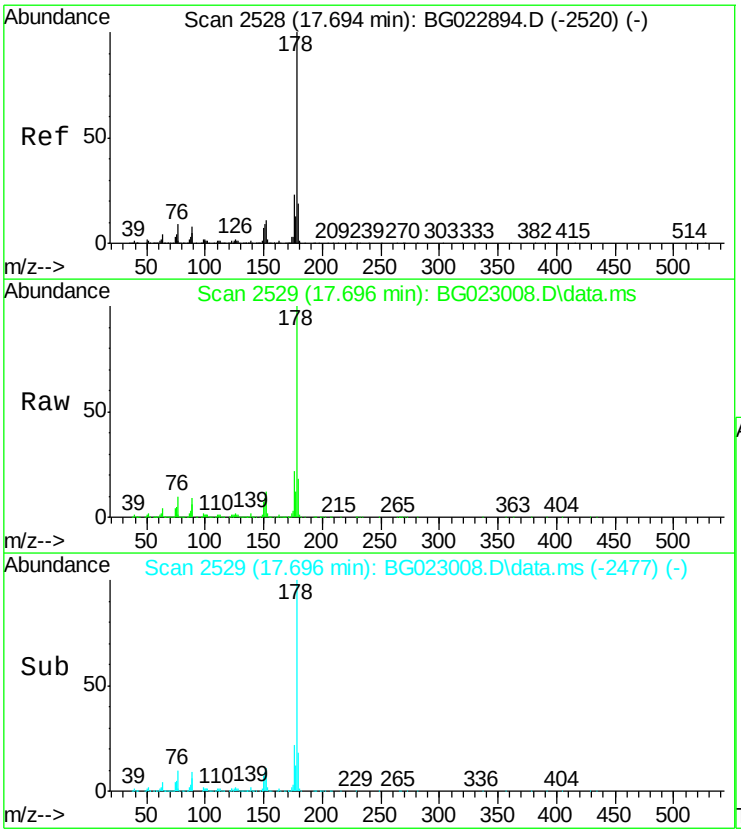

#70
Phenanthrene
Concen: 44.68 ng
RT: 17.608 min Scan# 25
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:178 Resp: 1876997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.0 | 16.8 | 25.2 |
| 179 | 18.8 | 14.3 | 21.5 |

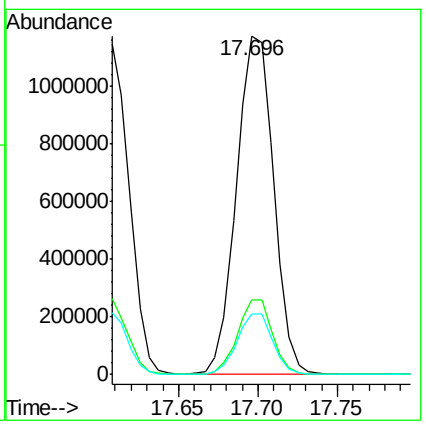


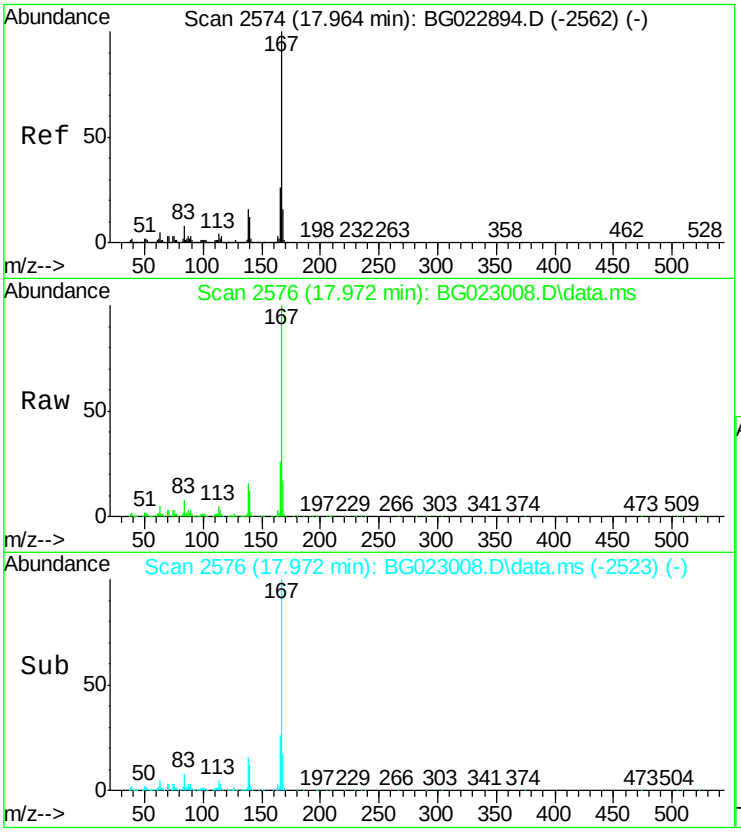




#71
Anthracene
Concen: 44.85 ng
RT: 17.696 min Scan# 2529
Delta R.T. 0.003 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:178 Resp: 1908006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.9 | 17.3 | 25.9 |
| 179 | 17.7 | 14.0 | 21.0 |



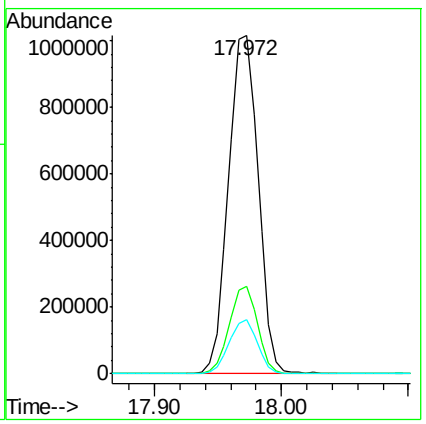


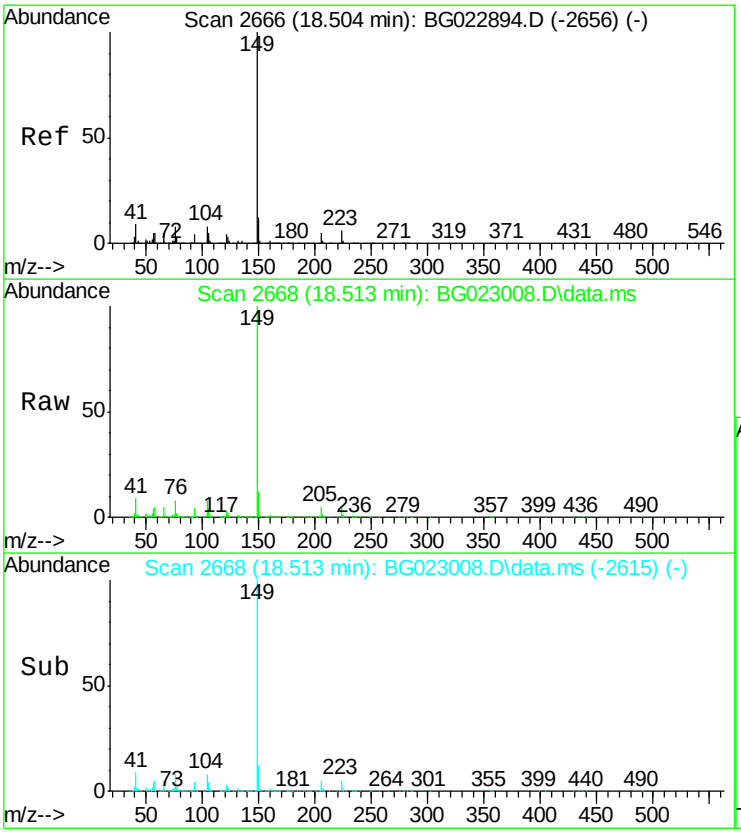

#72
Carbazole
Concen: 44.80 ng
RT: 17.972 min Scan# 25
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:167 Resp: 1646535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 25.8 | 20.7 | 31.1 |
| 139 | 15.9 | 11.9 | 17.9 |

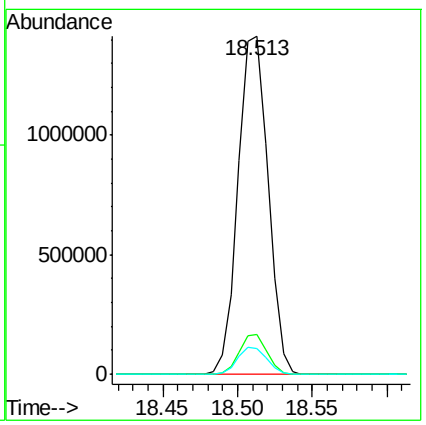


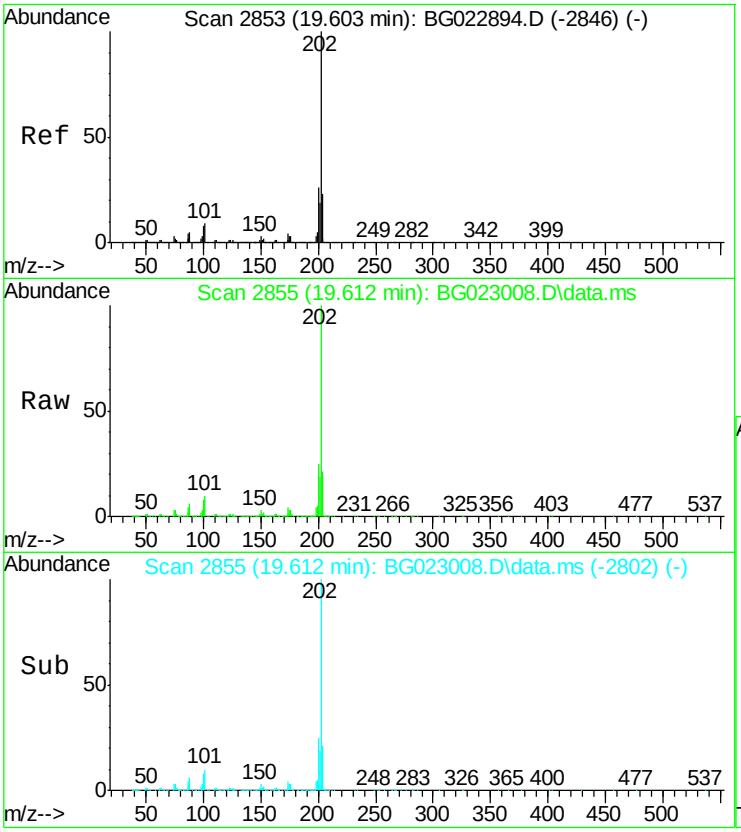




#73
Di-n-butylphthalate
Concen: 48.35 ng
RT: 18.513 min Scan# 2668
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:149 Resp: 1976335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.7 | 9.1 | 13.7 |
| 104 | 7.8 | 6.9 | 10.3 |



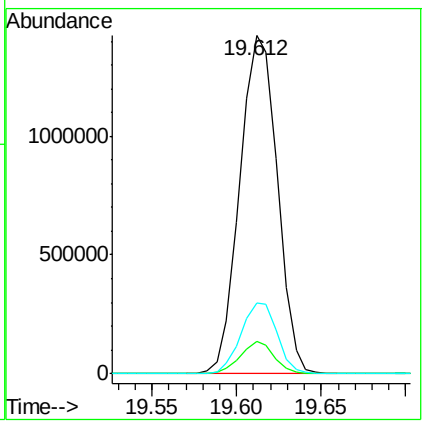


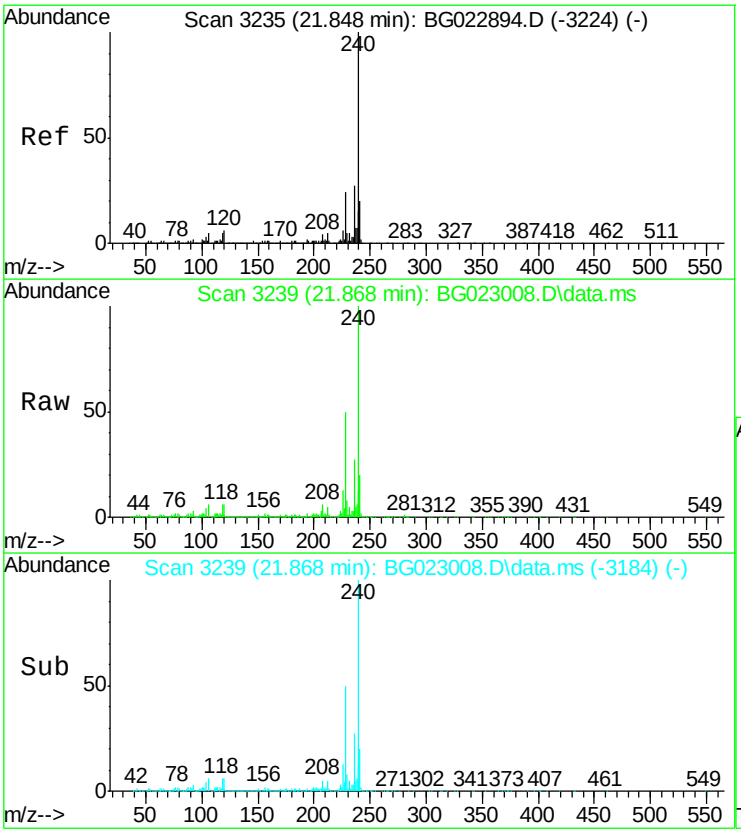

#74
Fluoranthene
Concen: 42.75 ng
RT: 19.612 min Scan# 28
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:202 Resp: 2203651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 27.4 |
| 203 | 20.8 | 1.7 | 41.7 |

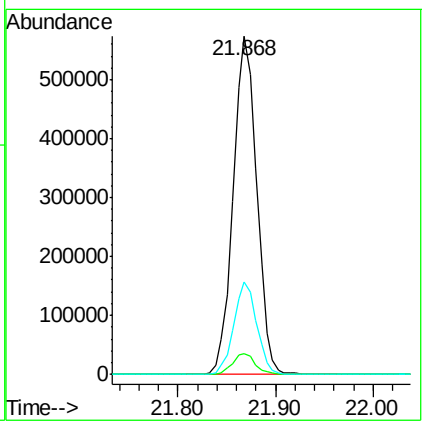


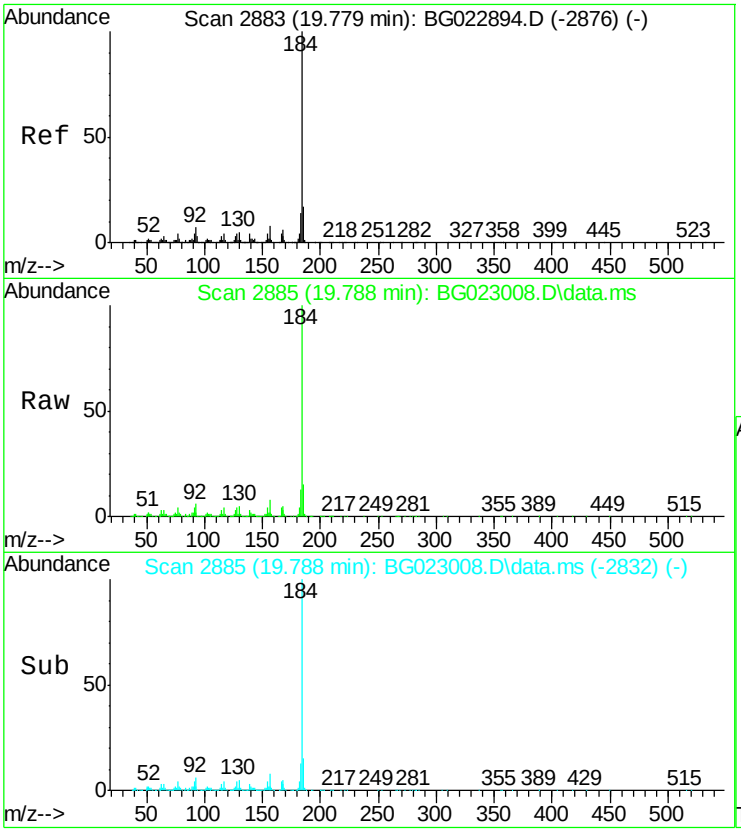




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.868 min Scan# 3239
Delta R.T. 0.020 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:240 Resp: 957099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.3 | 4.1 | 6.1# |
| 236 | 27.5 | 21.1 | 31.7 |



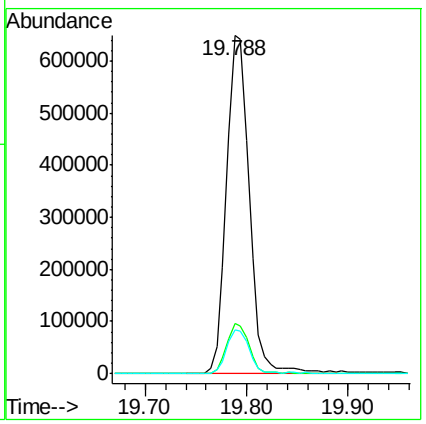


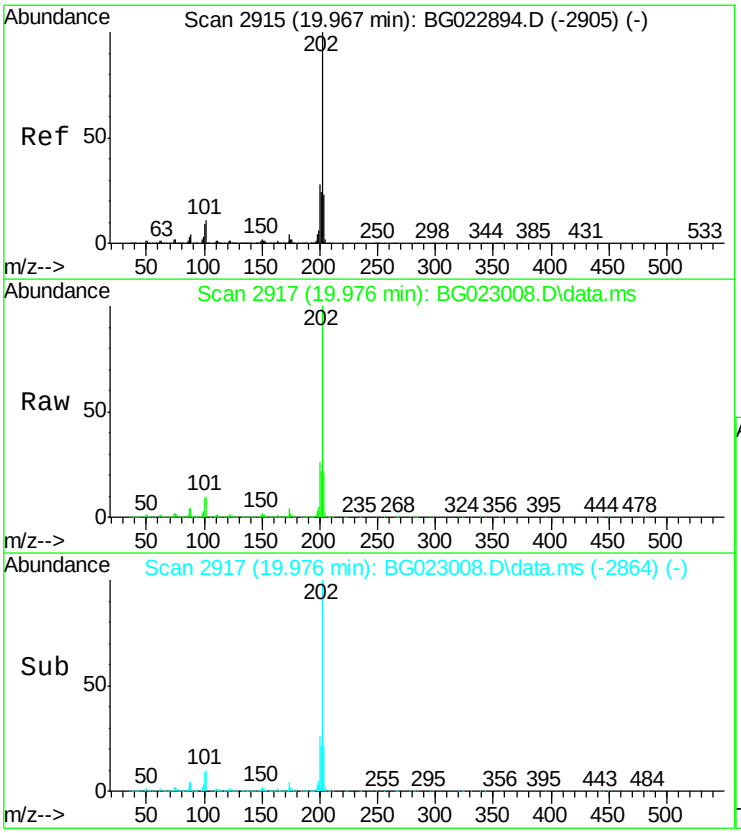

#76
Benzidine
Concen: 37.02 ng
RT: 19.788 min Scan# 28
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:184 Resp: 1015712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.6 | 19.0 |
| 183 | 12.9 | 10.7 | 16.1 |

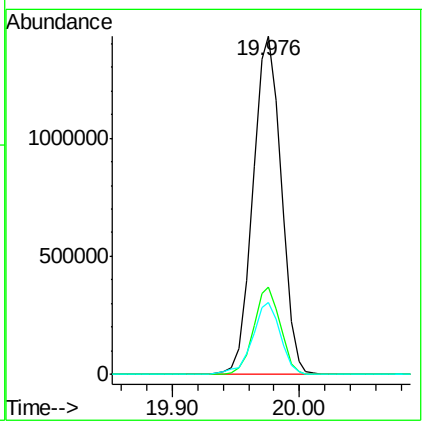


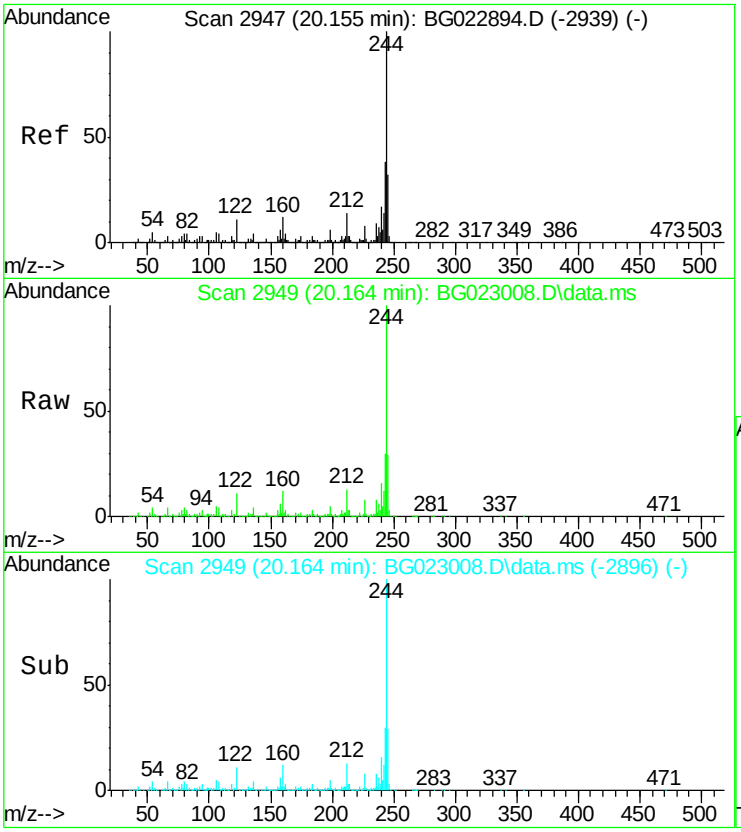




#77
Pyrene
Concen: 41.41 ng
RT: 19.976 min Scan# 2917
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:202 Resp: 2227229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.7 | 21.2 | 31.8 |
| 203 | 21.1 | 16.8 | 25.2 |



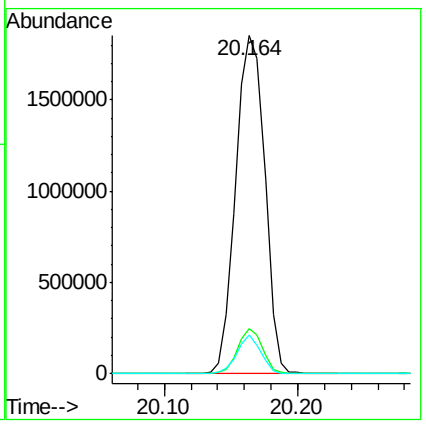


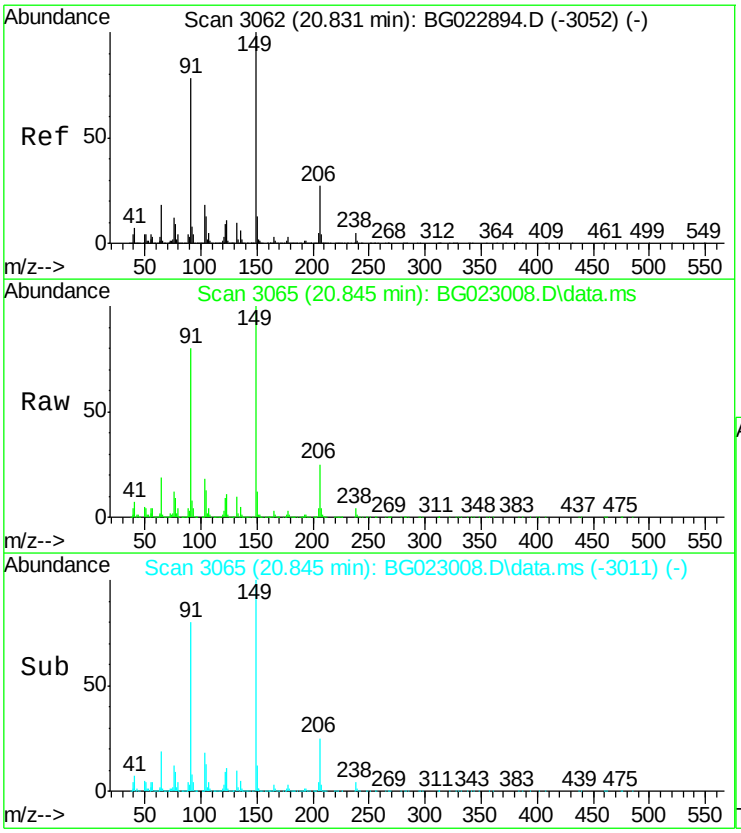

#78
Terphenyl-d14
Concen: 97.79 ng
RT: 20.164 min Scan# 29
Delta R.T. 0.009 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:244 Resp: 2786958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 13.3 | 10.8 | 16.2 |
| 122 | 11.5 | 8.0 | 12.0 |

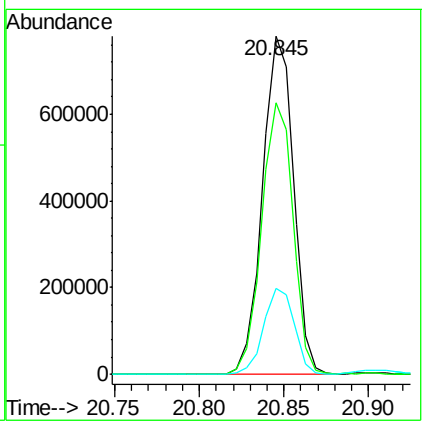


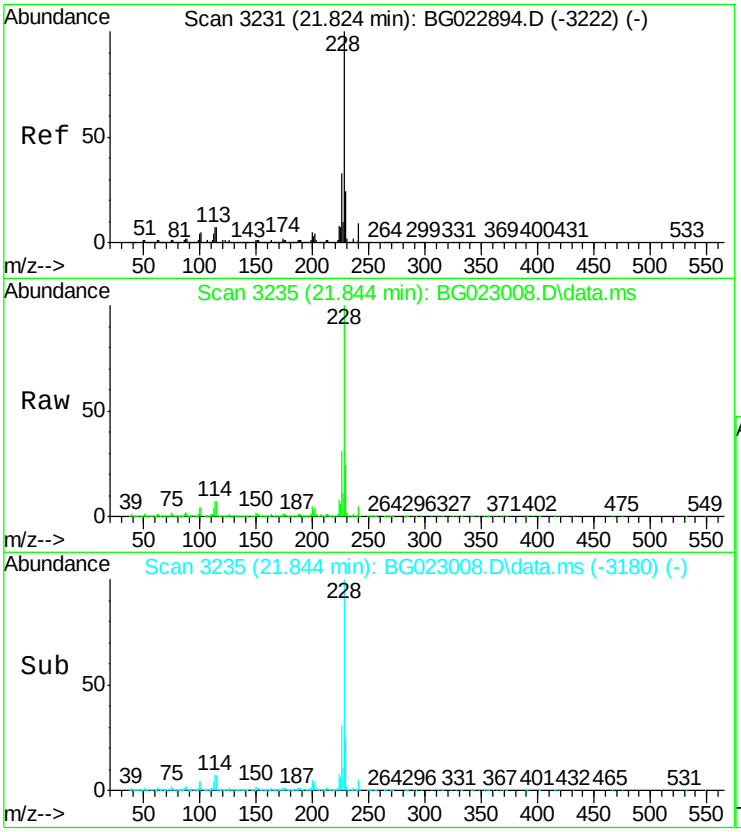




#79
Butylbenzylphthalate
Concen: 46.59 ng
RT: 20.845 min Scan# 3065
Delta R.T. 0.014 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:149 Resp: 992540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.3 | 68.1 | 102.1 |
| 206 | 25.2 | 19.8 | 29.6 |



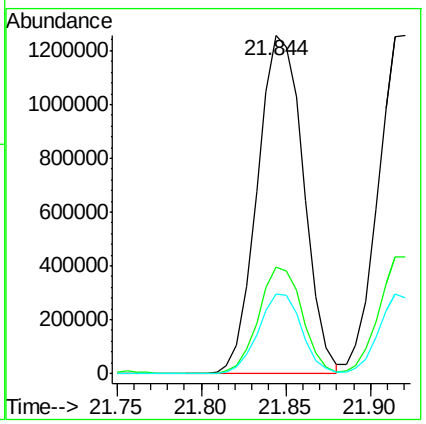


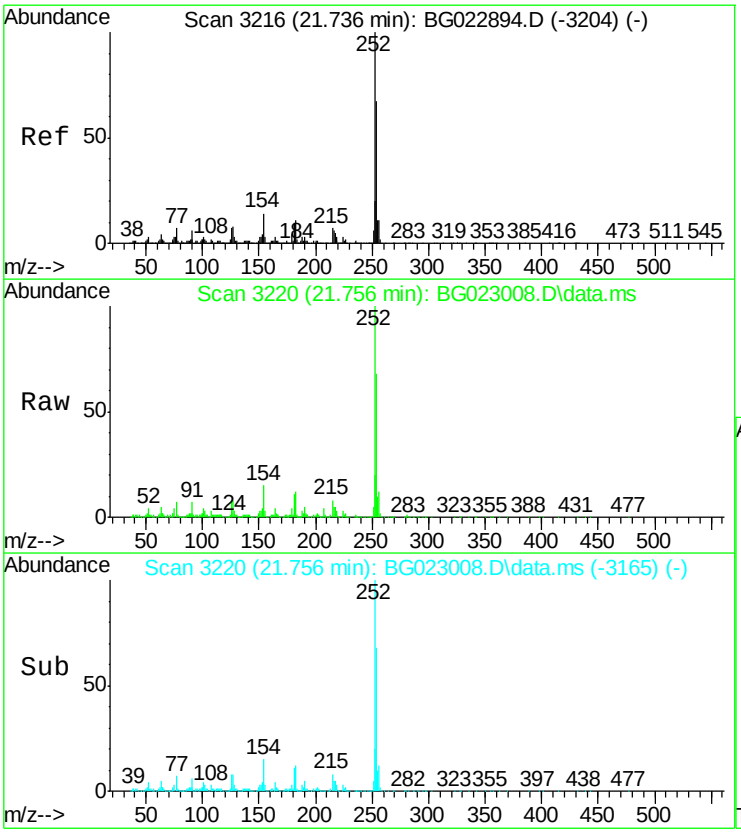

#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 21.844 min Scan# 32
Delta R.T. 0.020 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:228 Resp: 2374244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 25.3 | 37.9 |
| 229 | 23.6 | 19.9 | 29.9 |

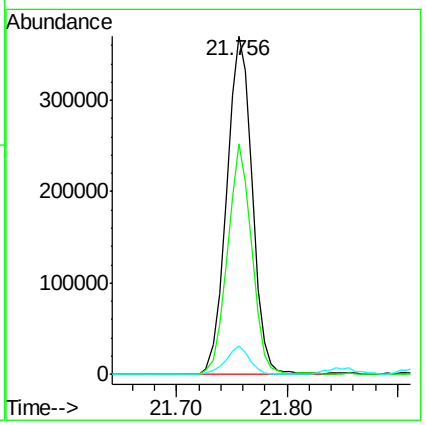


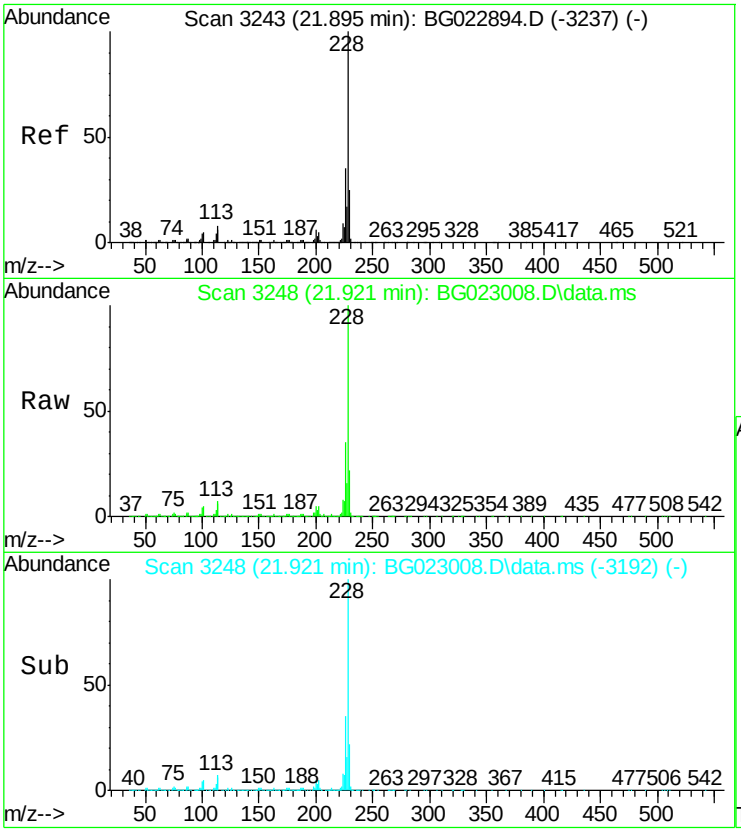




#81
3,3'-Dichlorobenzidine
Concen: 25.53 ng
RT: 21.756 min Scan# 3220
Delta R.T. 0.020 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:252 Resp: 600039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 68.3 | 51.2 | 76.8 |
| 126 | 8.4 | 5.3 | 7.9# |



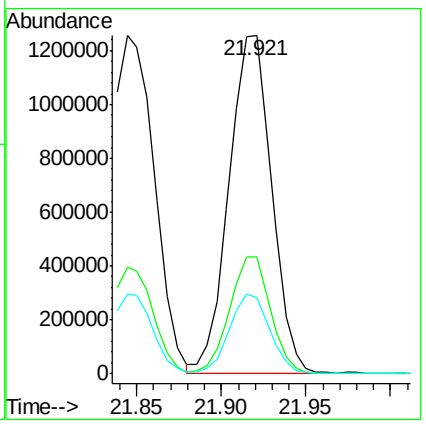


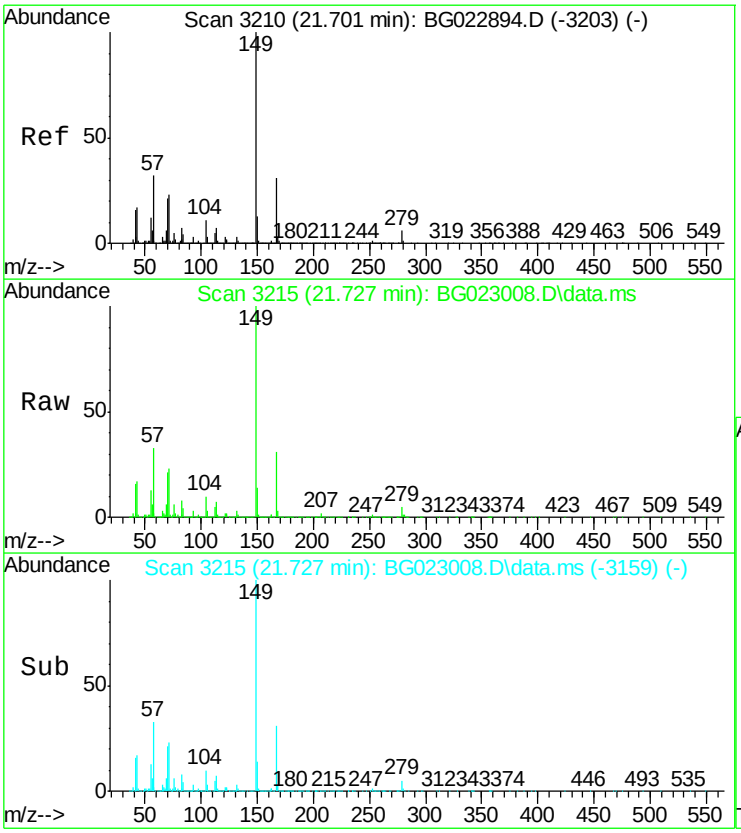

#82
Chrysene
Concen: 43.99 ng
RT: 21.921 min Scan# 32
Delta R.T. 0.026 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:228 Resp: 2209892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.7 | 26.7 | 40.1 |
| 229 | 22.4 | 17.4 | 26.2 |

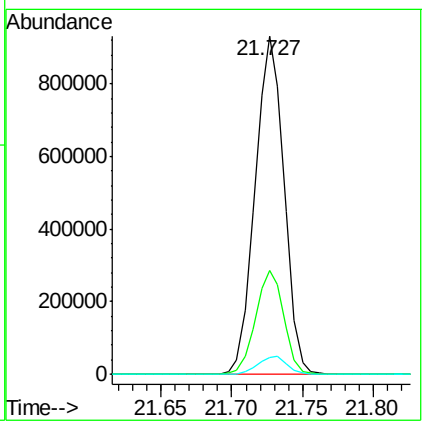


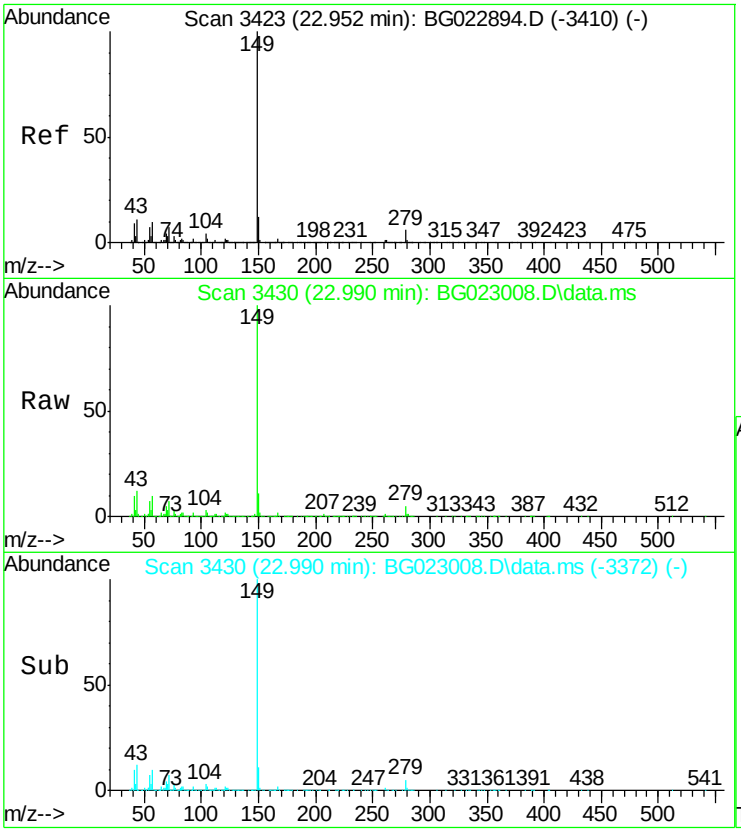




#83
Bis(2-ethylhexyl)phthalate
Concen: 45.37 ng
RT: 21.727 min Scan# 3215
Delta R.T. 0.026 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:149 Resp: 1342101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.6 | 24.0 | 36.0 |
| 279 | 5.1 | 4.8 | 7.2 |



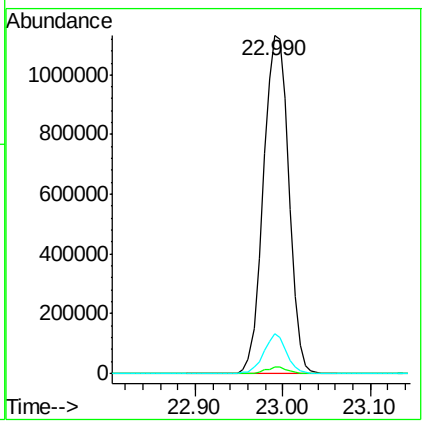


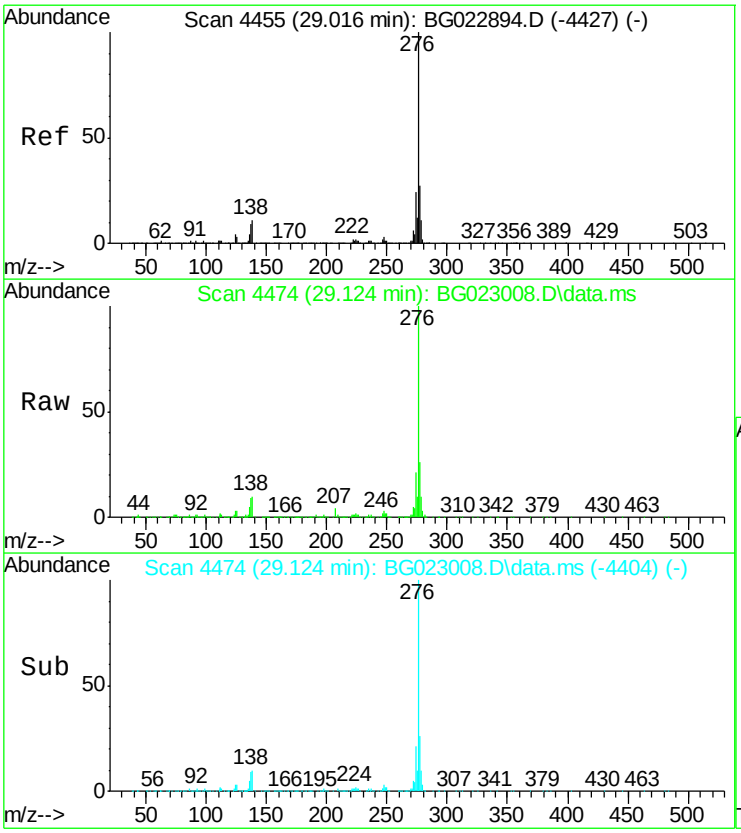

#84
Di-n-octyl phthalate
Concen: 46.03 ng
RT: 22.990 min Scan# 34
Delta R.T. 0.038 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:149 Resp: 2270569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.5 | 2.3 |
| 43 | 10.3 | 8.8 | 13.2 |

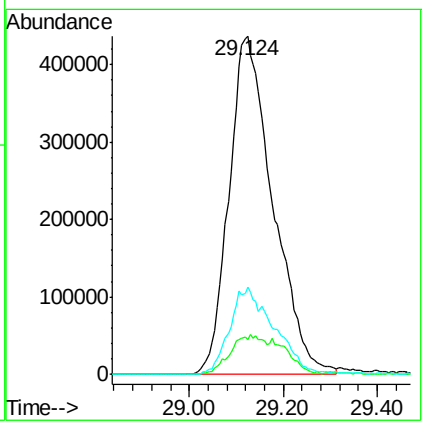


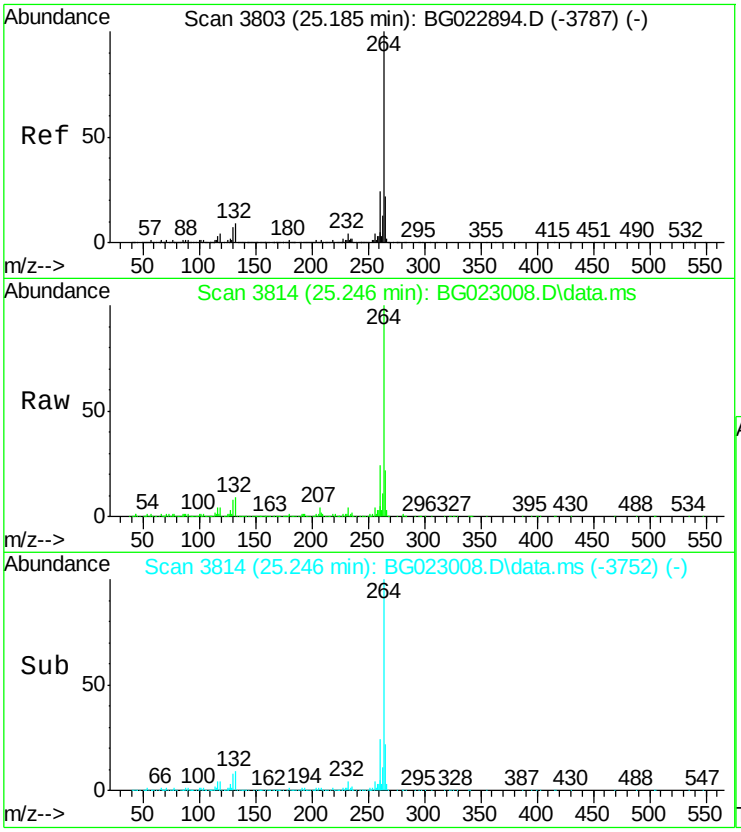




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.03 ng
RT: 29.124 min Scan# 4474
Delta R.T. 0.108 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:276 Resp: 2820017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.9 | 0.0 | 0.0# |
| 277 | 26.0 | 0.0 | 0.0# |



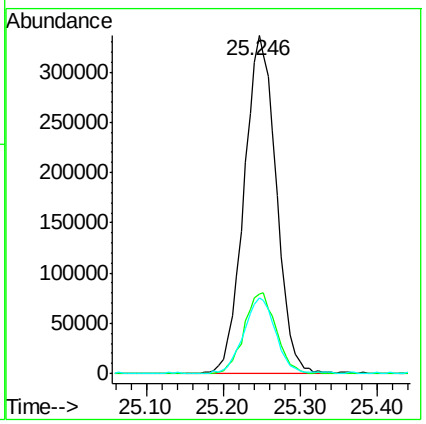


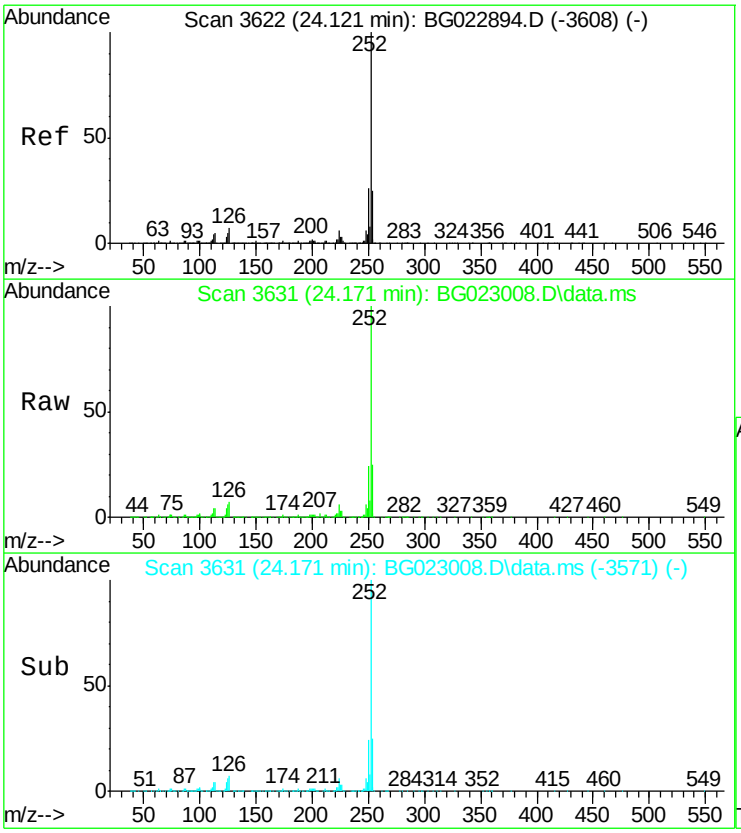

#86
Perylene-d12
Concen: 20.00 ng
RT: 25.246 min Scan# 38
Delta R.T. 0.061 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:264 Resp: 980121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.4 | 27.6 |
| 265 | 22.3 | 18.9 | 28.3 |

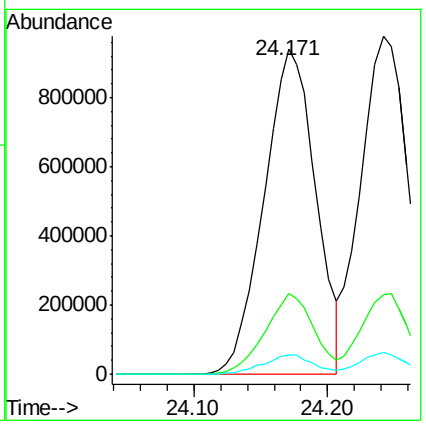


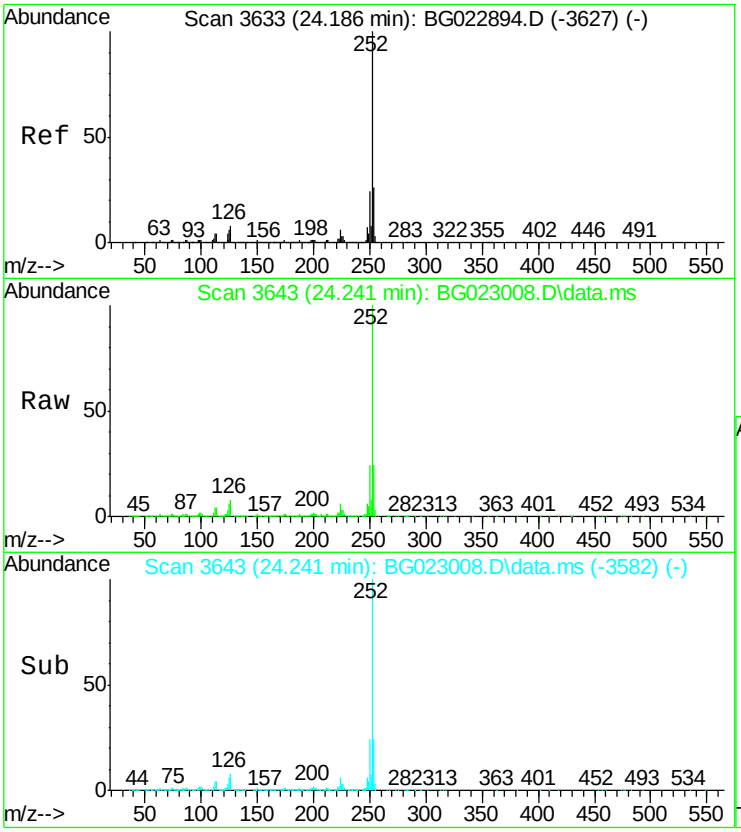




#87
Benzo(b)fluoranthene
Concen: 44.64 ng
RT: 24.171 min Scan# 3631
Delta R.T. 0.050 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:252 Resp: 2524522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.8 | 18.9 | 28.3 |
| 125 | 5.9 | 3.9 | 5.9# |



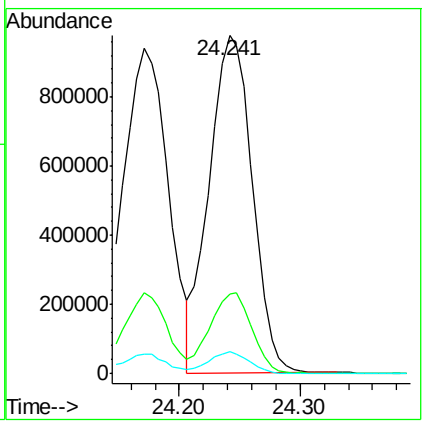


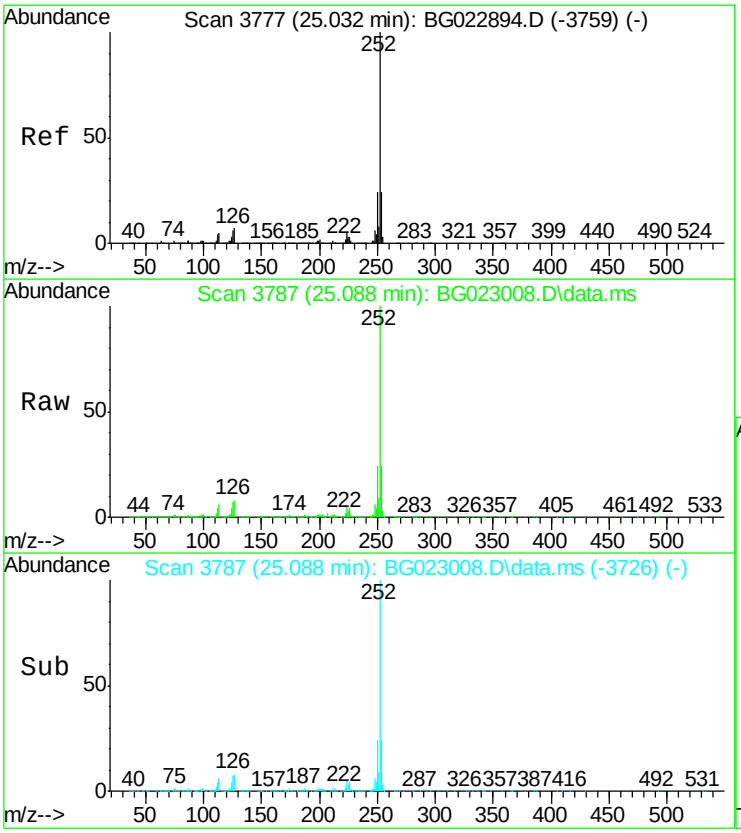

#88
Benzo(k)fluoranthene
Concen: 45.05 ng
RT: 24.241 min Scan# 36
Delta R.T. 0.056 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:252 Resp: 2417272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 18.8 | 28.2 |
| 125 | 6.3 | 3.2 | 4.8# |

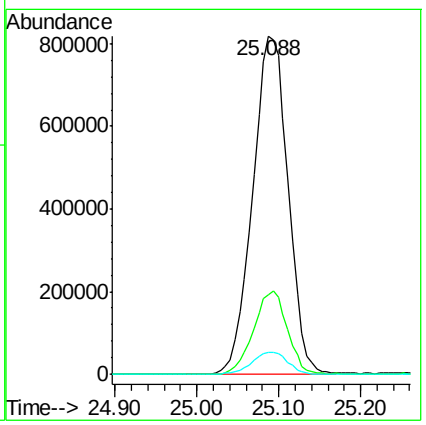


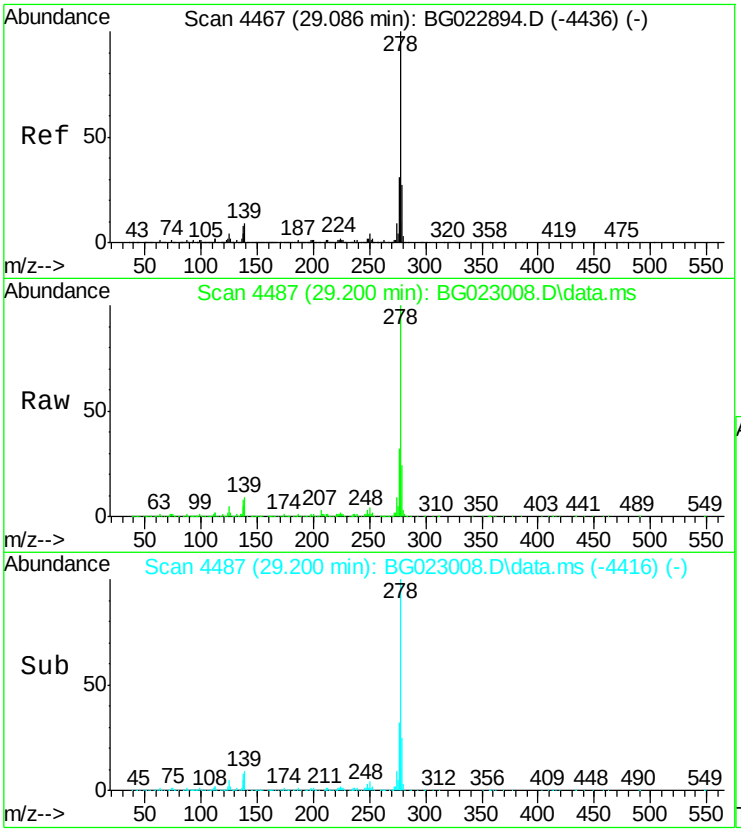




#89
Benzo(a)pyrene
Concen: 45.28 ng
RT: 25.088 min Scan# 3787
Delta R.T. 0.056 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:252 Resp: 2454651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.7 | 28.1 |
| 125 | 6.6 | 3.9 | 5.9# |



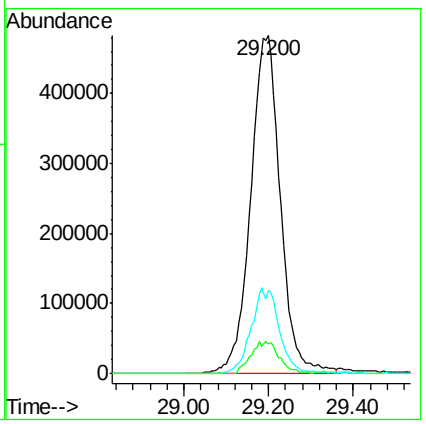


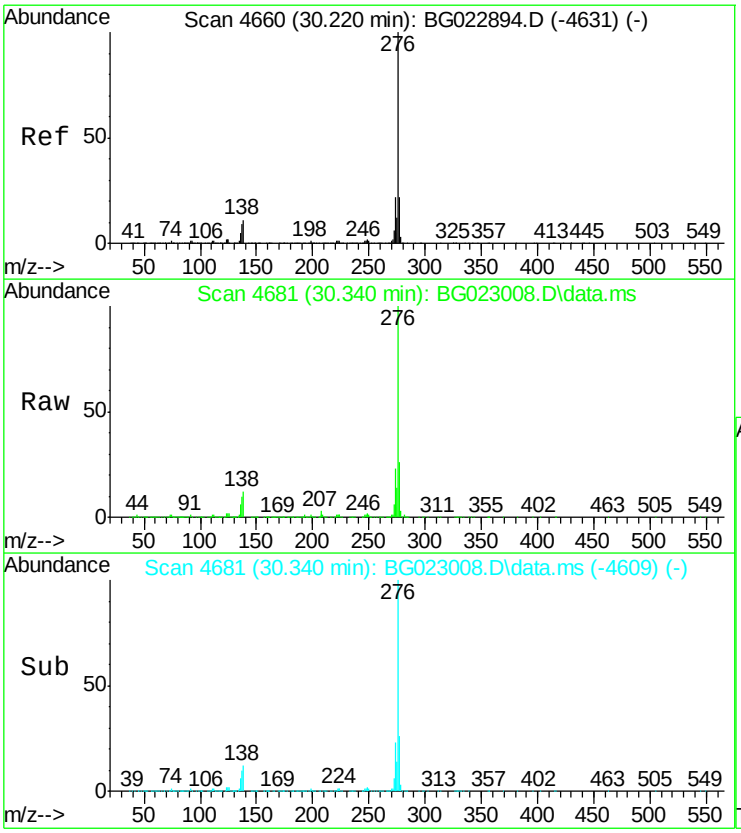

#90
Dibenzo(a,h)anthracene
Concen: 44.01 ng
RT: 29.200 min Scan# 44
Delta R.T. 0.114 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

**Instrument :**
BNA_G
**ClientSampleId :**
PB92009BS

Tgt Ion:278 Resp: 2367893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.8 | 4.7 | 7.1# |
| 279 | 24.5 | 18.3 | 27.5 |




#91
Benzo(g,h,i)perylene
Concen: 42.77 ng
RT: 30.340 min Scan# 4681
Delta R.T. 0.120 min
Lab File: BG023008.D
Acq: 11 Jul 2016 19:58

Tgt Ion:276 Resp: 2304478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.2 | 18.6 | 27.8 |
| 138 | 12.2 | 6.8 | 10.2# |