Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
Data File : BG022686.D
Acq On : 28 Jun 2016 21:46
Operator : UM/SJ
Sample : PB91509BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB91509BSD

Quant Time: Jun 29 03:58:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 132889 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.98 | 136 | 560496 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.79 | 164 | 415415 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 1081782 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.85 | 240 | 1219002 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.21 | 264 | 1210428 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 1111659 | 134.17 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 1652373 | 141.49 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 1130731 | 85.38 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 920077 | 140.82 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 2175440 | 83.05 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.15 | 244 | 3291053 | 71.53 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 108278 | 32.25 | ng | # | 94 |
| 3) Pyridine | 3.98 | 79 | 352073 | 37.48 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 192471 | 35.82 | ng | | 89 |
| 6) Aniline | 7.48 | 93 | 522403 | 33.74 | ng | | 98 |
| 8) 2-Chlorophenol | 7.72 | 128 | 384648 | 44.82 | ng | | 99 |
| 9) Benzaldehyde | 7.30 | 77 | 12877 | 3.13 | ng | # | 53 |
| 10) Phenol | 7.34 | 94 | 592328 | 47.99 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 412218 | 40.57 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 406038 | 38.88 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.20 | 146 | 423477 | 40.45 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 403054 | 40.48 | ng | | 96 |
| 15) Benzyl Alcohol | 8.40 | 79 | 507099 | 46.93 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69 | 45 | 458266 | 40.78 | ng | | 96 |
| 17) 2-Methylphenol | 8.60 | 107 | 370686 | 45.56 | ng | | 98 |
| 18) Hexachloroethane | 9.25 | 117 | 171037 | 39.47 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 403149 | 41.45 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 529032 | 47.21 | ng | | 96 |
| 22) Acetophenone | 8.98 | 105 | 684804 | 42.26 | ng | # | 91 |
| 24) Nitrobenzene | 9.38 | 77 | 592514 | 40.48 | ng | | 93 |
| 25) Isophorone | 9.89 | 82 | 1049033 | 40.81 | ng | | 98 |
| 26) 2-Nitrophenol | 10.09 | 139 | 241169 | 45.74 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 411798 | 40.88 | ng | | 92 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 593102 | 42.25 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.62 | 162 | 461442 | 47.02 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.84 | 180 | 484009 | 41.54 | ng | | 98 |
| 31) Naphthalene | 11.03 | 128 | 1171368 | 41.58 | ng | | 98 |
| 32) Benzoic acid | 10.27 | 122 | 323612 | 49.02 | ng | | 96 |
| 33) 4-Chloroaniline | 11.14 | 127 | 274925 | 22.65 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 368310 | 40.67 | ng | | 98 |
| 35) Caprolactam | 11.92 | 113 | 126199 | 40.82 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 577557 | 47.94 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 906635 | 41.50 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 636231 | 40.57 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.97 | 237 | 801906 | 64.05 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
Data File : BG022686.D
Acq On : 28 Jun 2016 21:46
Operator : UM/SJ
Sample : PB91509BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB91509BSD

Quant Time: Jun 29 03:58:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.23 | 196 | 447980 | 44.55 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.30 | 196 | 483703 | 45.97 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.63 | 154 | 1272176 | 40.20 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.68 | 162 | 1040959 | 39.98 | ng | | 97 |
| 47) 2-Nitroaniline | 13.88 | 65 | 443747 | 44.15 | ng | | 94 |
| 48) Acenaphthylene | 14.52 | 152 | 1541529 | 40.82 | ng | | 97 |
| 49) Dimethylphthalate | 14.24 | 163 | 1433105 | 41.59 | ng | | 96 |
| 50) 2,6-Dinitrotoluene | 14.37 | 165 | 338853 | 45.25 | ng | | 85 |
| 51) Acenaphthene | 14.86 | 154 | 1038314 | 37.32 | ng | | 98 |
| 52) 3-Nitroaniline | 14.70 | 138 | 254614 | 36.34 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 14.90 | 184 | 474360 | 102.85 | ng | | 96 |
| 54) Dibenzofuran | 15.19 | 168 | 1651631 | 40.99 | ng | | 99 |
| 55) 4-Nitrophenol | 15.00 | 139 | 551904 | 93.15 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 15.15 | 165 | 496644 | 47.88 | ng | | 92 |
| 57) Fluorene | 15.85 | 166 | 1359553 | 42.28 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 524856 | 48.11 | ng | | 91 |
| 59) Diethylphthalate | 15.61 | 149 | 1482327 | 41.84 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204 | 811814 | 42.40 | ng | | 97 |
| 61) 4-Nitroaniline | 15.87 | 138 | 335318 | 46.38 | ng | # | 85 |
| 62) Azobenzene | 16.13 | 77 | 1499737 | 39.09 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198 | 339576 | 46.81 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 16.05 | 169 | 1297995 | 41.23 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.73 | 248 | 578753 | 41.24 | ng | | 97 |
| 67) Hexachlorobenzene | 16.85 | 284 | 608536 | 41.01 | ng | | 96 |
| 68) Atrazine | 17.00 | 200 | 402941 | 30.32 | ng | | 96 |
| 69) Pentachlorophenol | 17.20 | 266 | 875625 | 85.74 | ng | | 99 |
| 70) Phenanthrene | 17.60 | 178 | 2256209 | 40.90 | ng | | 95 |
| 71) Anthracene | 17.69 | 178 | 2236351 | 39.39 | ng | | 98 |
| 72) Carbazole | 17.96 | 167 | 2044397 | 42.48 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.51 | 149 | 2372400 | 42.33 | ng | | 98 |
| 74) Fluoranthene | 19.60 | 202 | 2692650 | 42.37 | ng | | 95 |
| 76) Benzidine | 19.78 | 184 | 866111 | 66.74 | ng | | 99 |
| 77) Pyrene | 19.97 | 202 | 2713147 | 41.79 | ng | | 95 |
| 79) Butylbenzylphthalate | 20.83 | 149 | 1200622 | 42.72 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 2890113 | 42.85 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.74 | 252 | 828219 | 29.73 | ng | # | 96 |
| 82) Chrysene | 21.83 | 228 | 2890113 | 45.60 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 1593718 | 40.27 | ng | | 97 |
| 84) Di-n-octyl phthalate | 22.98 | 149 | 2627276 | 40.28 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 29.06 | 276 | 3442178 | 41.33 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.14 | 252 | 3109693 | 42.73 | ng | | 94 |
| 88) Benzo(k)fluoranthene | 24.21 | 252 | 3061983 | 44.50 | ng | # | 96 |
| 89) Benzo(a)pyrene | 25.05 | 252 | 3088435 | 43.53 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 29.14 | 278 | 2894637 | 43.33 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 30.27 | 276 | 2813116 | 41.37 | ng | # | 95 |

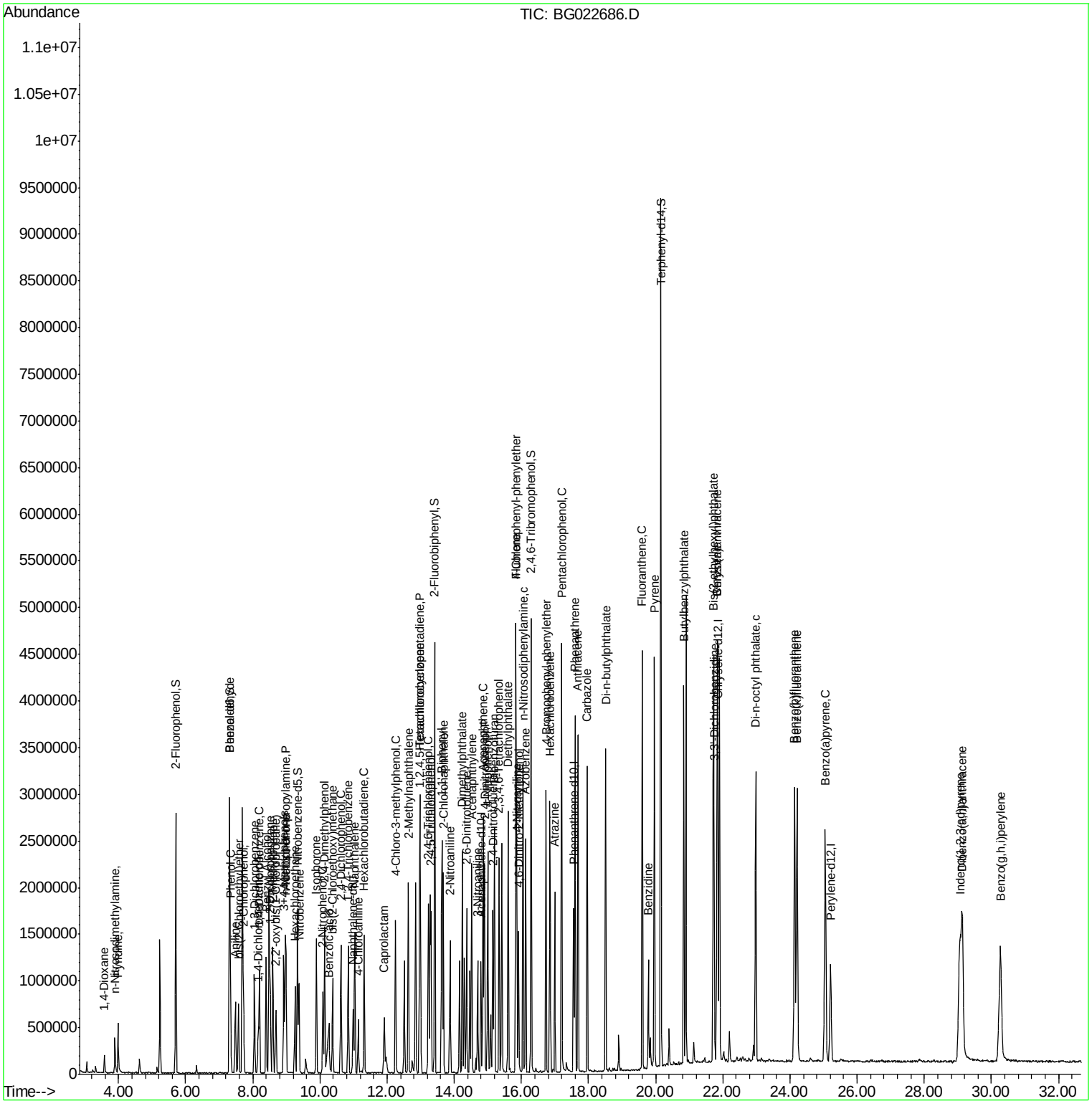
(#) = qualifier out of range (m) = manual integration (+) = signals summed

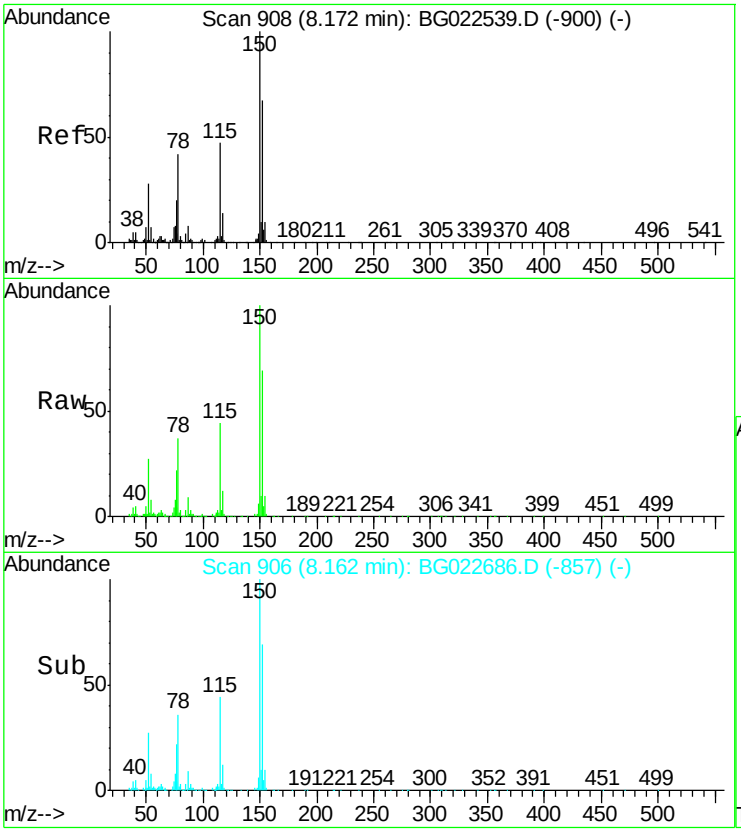
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
Data File : BG022686.D
Acq On : 28 Jun 2016 21:46
Operator : UM/SJ
Sample : PB91509BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Quant Time: Jun 29 03:58:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration



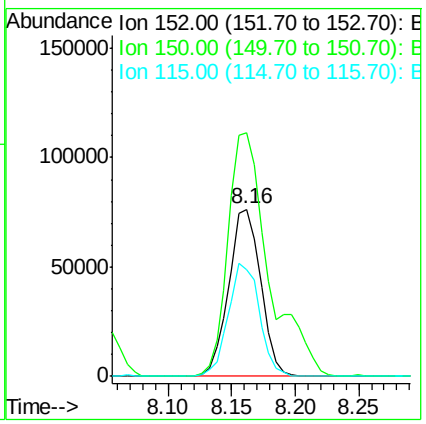


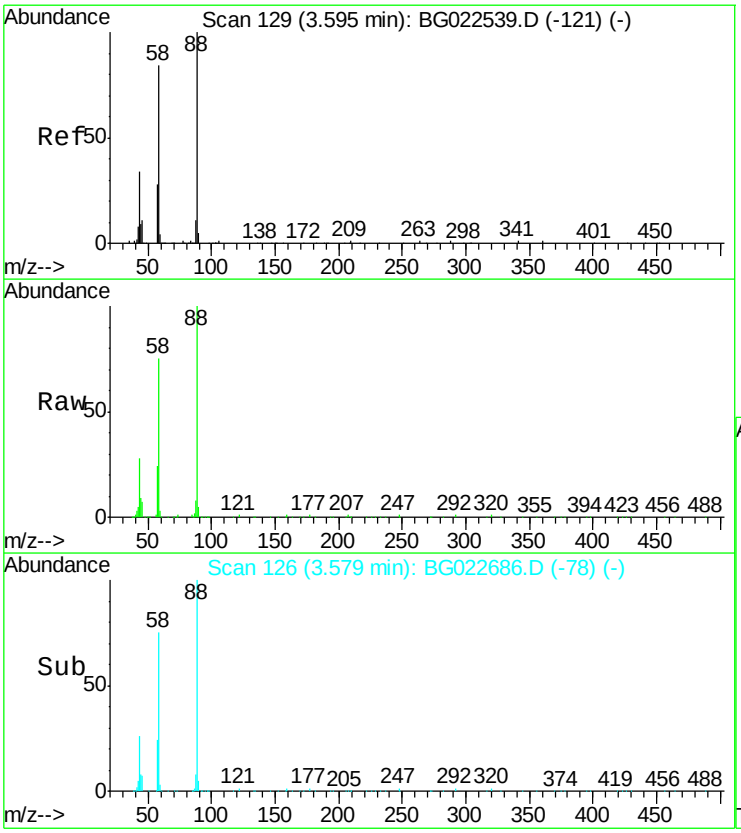

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:152 Resp: 132889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.8 | 144.7 | 217.1 |
| 115 | 63.8 | 64.0 | 96.0# |

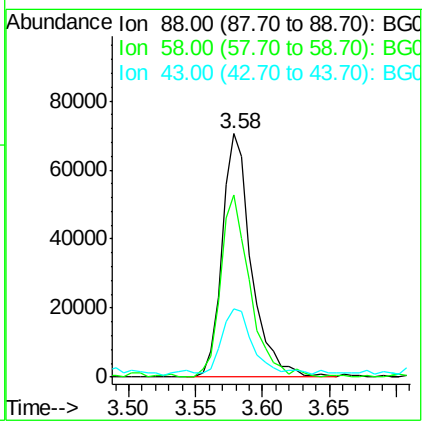


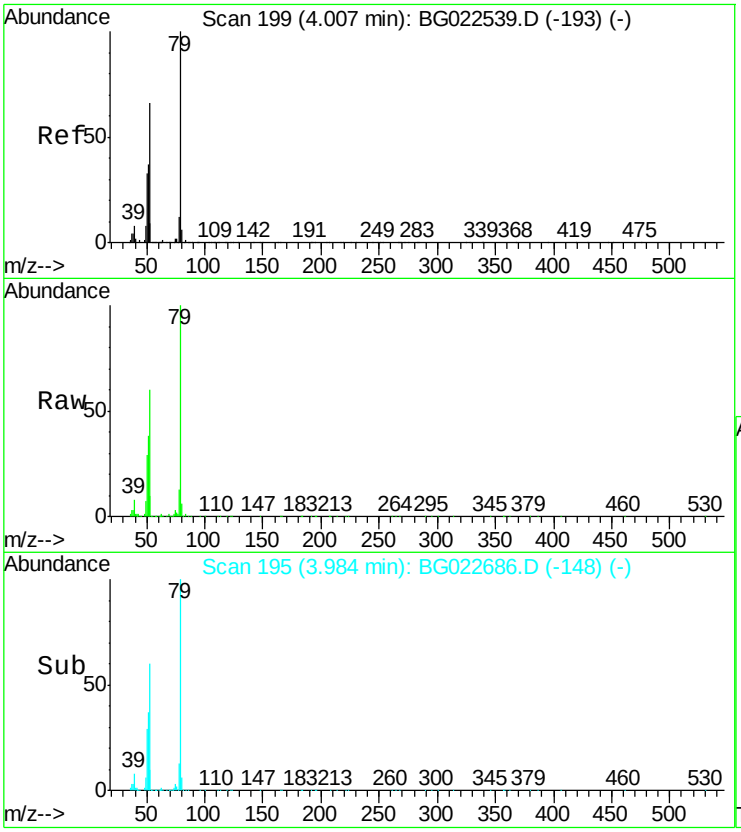




#2
1,4-Dioxane
Concen: 32.25 ng
RT: 3.58 min Scan# 126
Delta R.T. -0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 88 Resp: 108278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.3 | 60.4 | 90.6 |
| 43 | 28.1 | 31.1 | 46.7# |



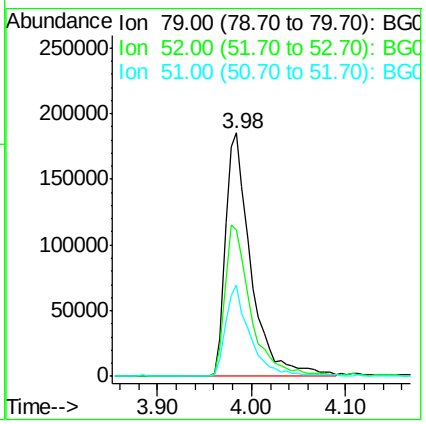


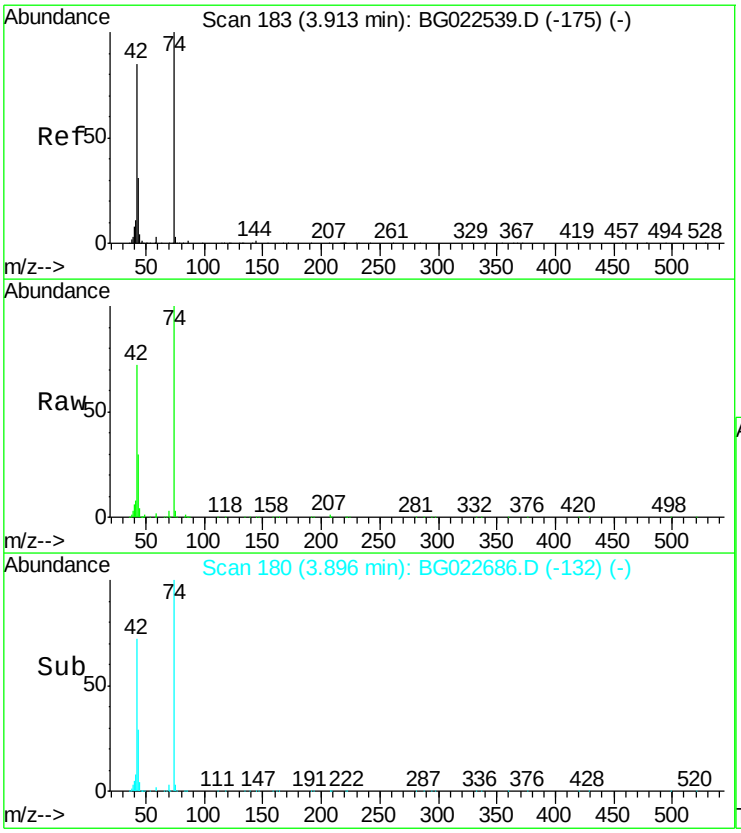

#3
Pyridine
Concen: 37.48 ng
RT: 3.98 min Scan# 195
Delta R.T. -0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 79 Resp: 352073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 60.3 | 51.8 | 77.8 |
| 51 | 37.5 | 32.7 | 49.1 |

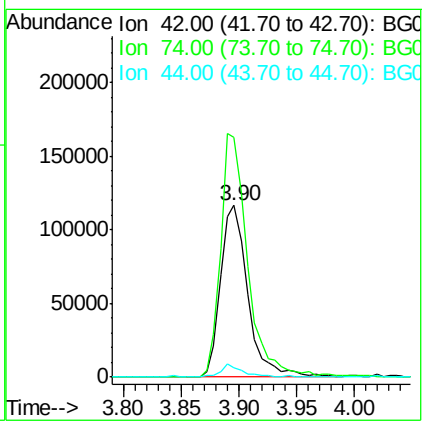


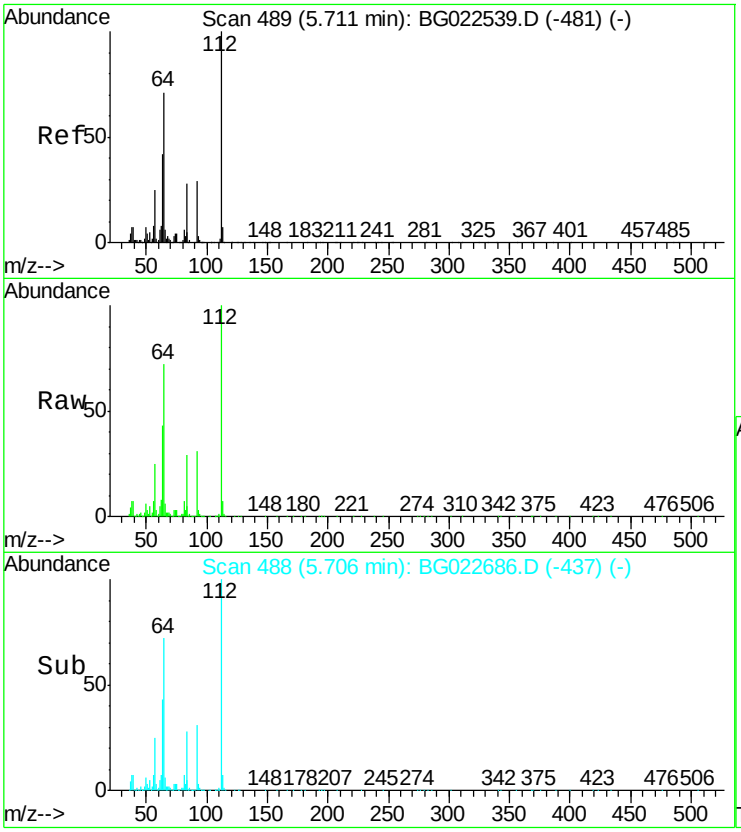




#4
n-Nitrosodimethylamine
Concen: 35.82 ng
RT: 3.90 min Scan# 180
Delta R.T. -0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 42 Resp: 192471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 139.4 | 100.6 | 150.8 |
| 44 | 5.5 | 4.5 | 6.7 |



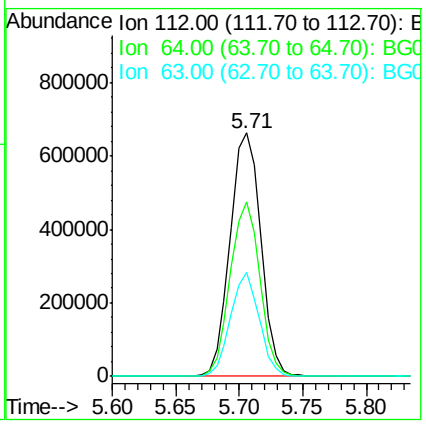


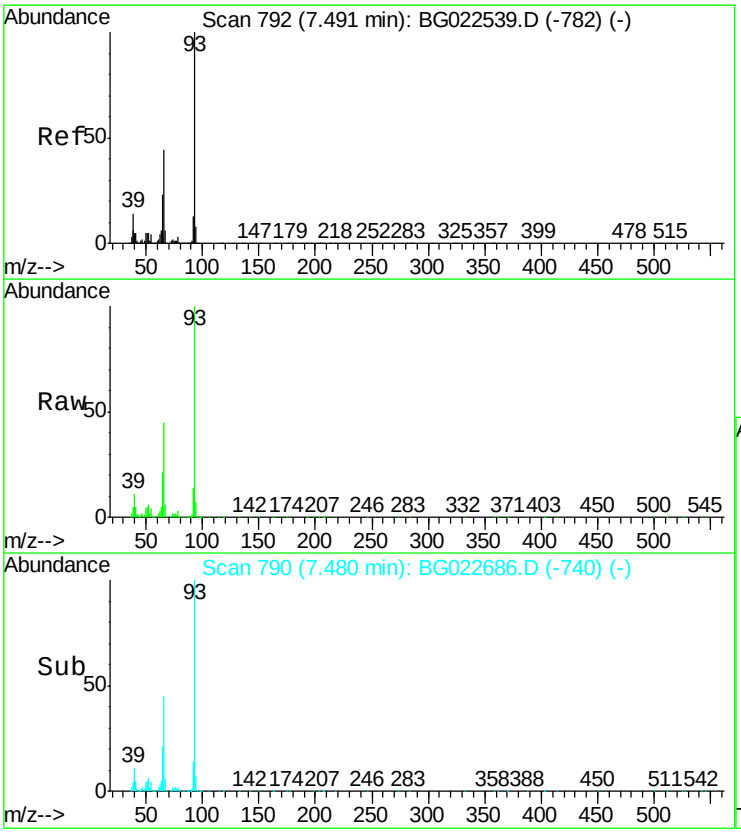

#5
2-Fluorophenol
Concen: 134.17 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:112 Resp: 1111659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.6 | 59.0 | 88.4 |
| 63 | 42.7 | 37.8 | 56.8 |

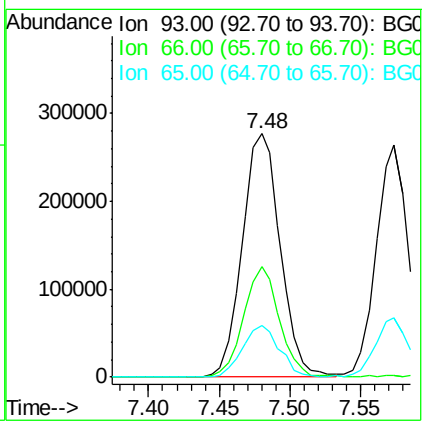


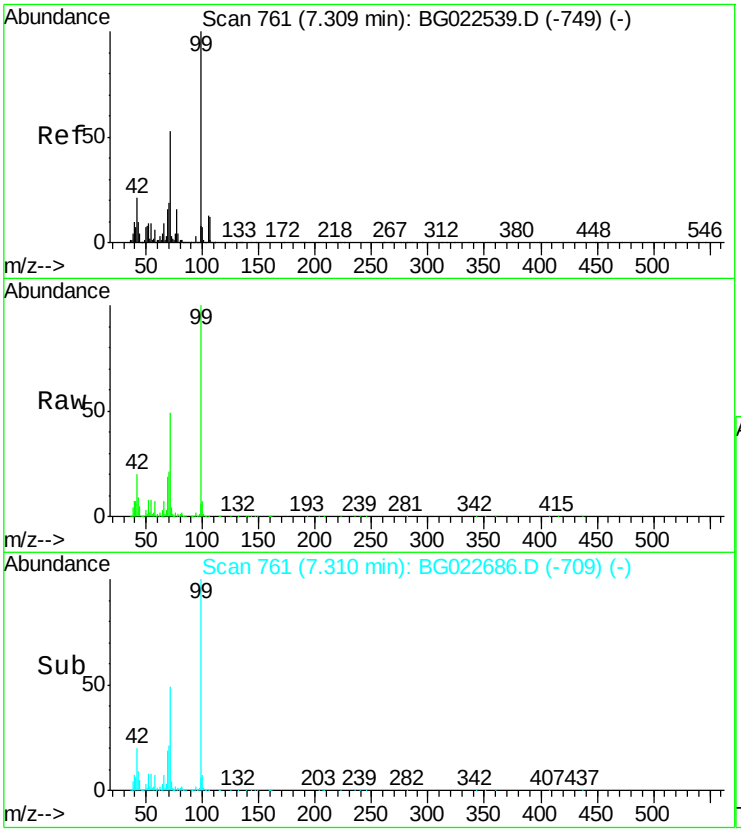




#6
Aniline
Concen: 33.74 ng
RT: 7.48 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 93 Resp: 522403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.3 | 37.5 | 56.3 |
| 65 | 21.4 | 17.9 | 26.9 |



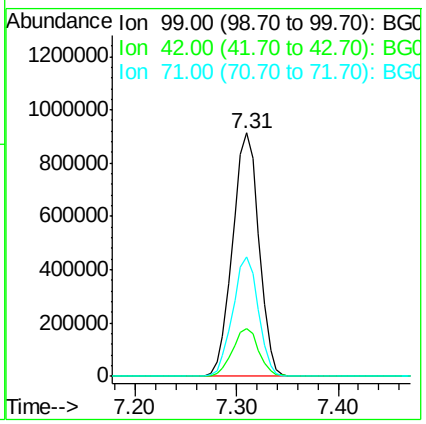


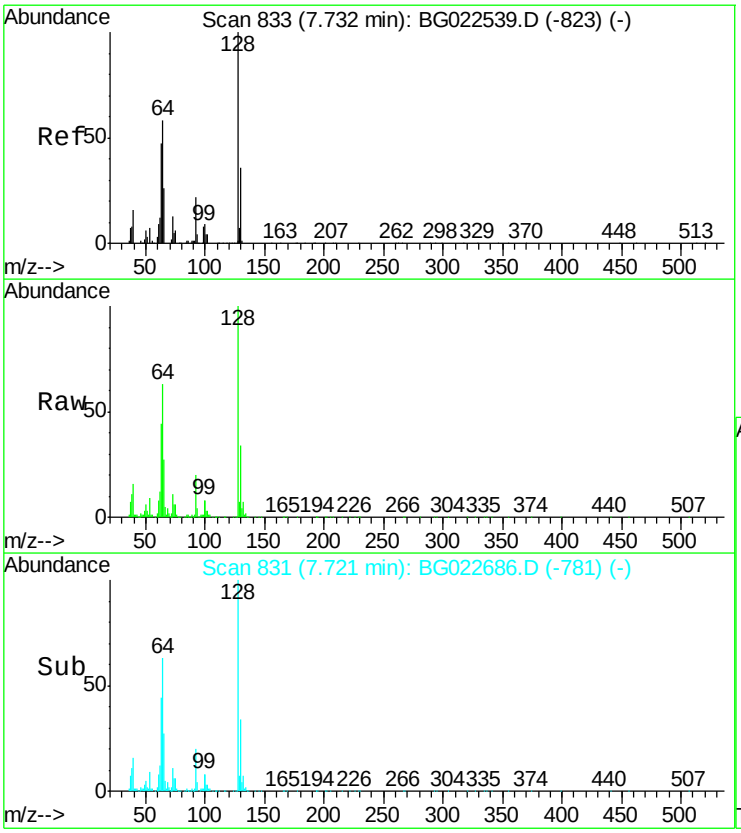

#7
Phenol-d6
Concen: 141.49 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 99 Resp: 1652373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 17.8 | 26.6 |
| 71 | 49.2 | 41.5 | 62.3 |

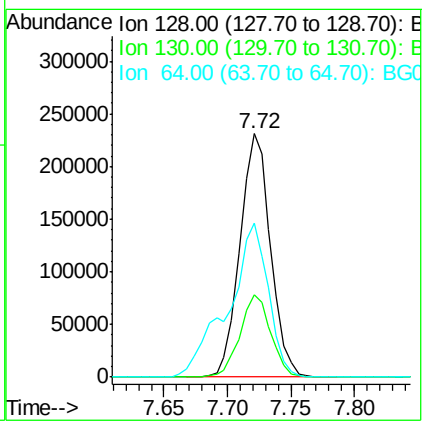


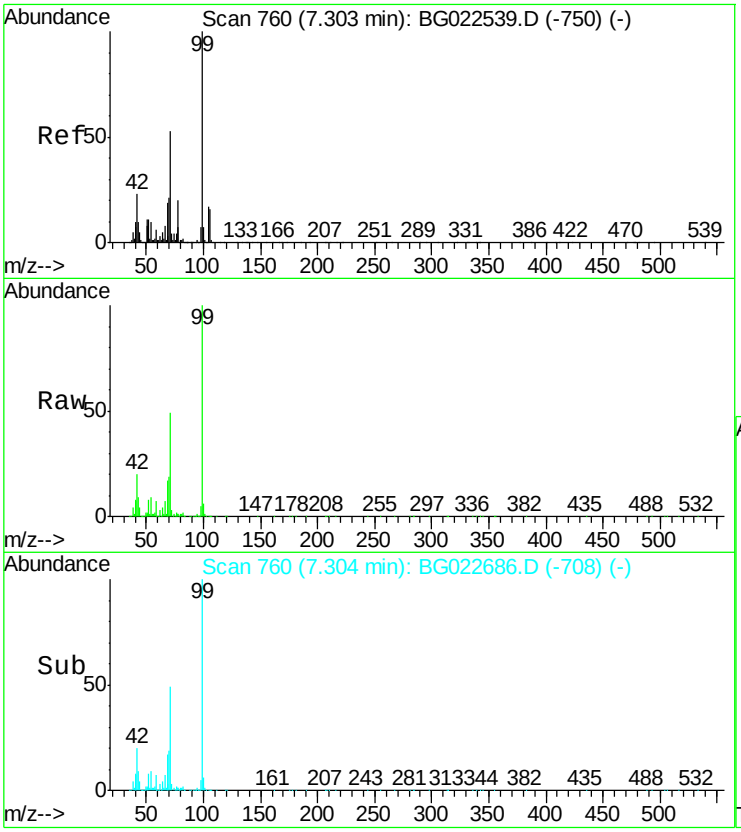




#8
2-Chlorophenol
Concen: 44.82 ng
RT: 7.72 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:128 Resp: 384648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.6 | 12.9 | 52.9 |
| 64 | 63.2 | 42.0 | 82.0 |



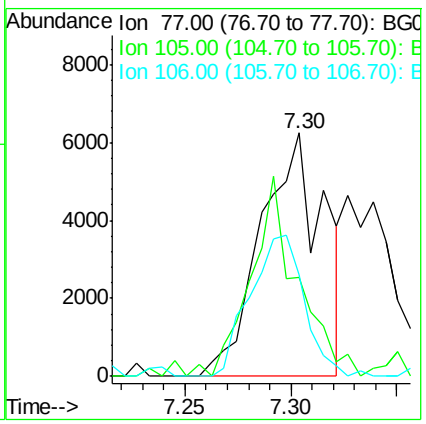


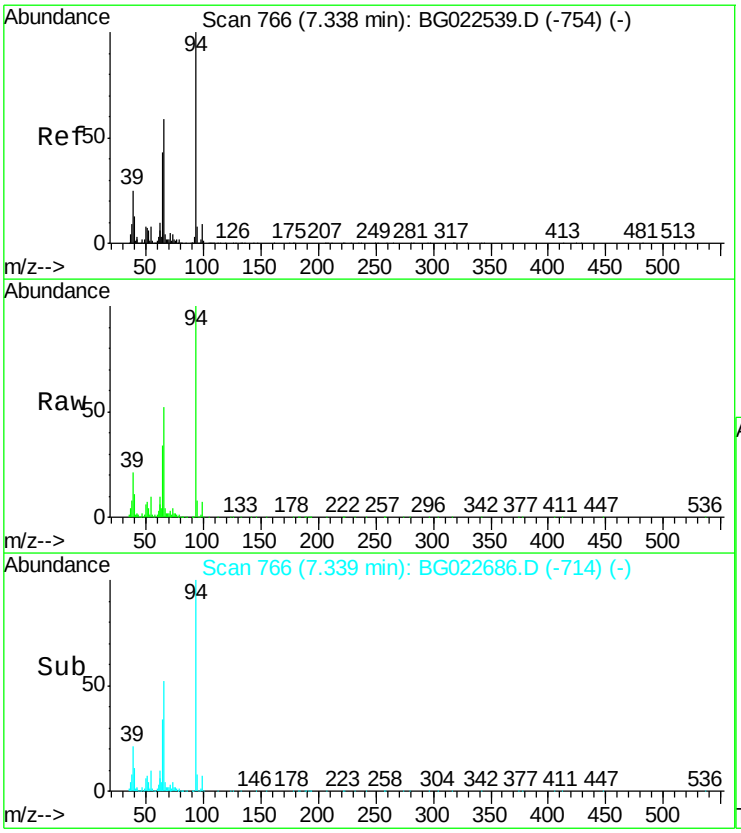

#9
Benzaldehyde
Concen: 3.13 ng
RT: 7.30 min Scan# 760
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 77 Resp: 12877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 40.6 | 58.7 | 98.7# |
| 106 | 41.5 | 67.5 | 107.5# |

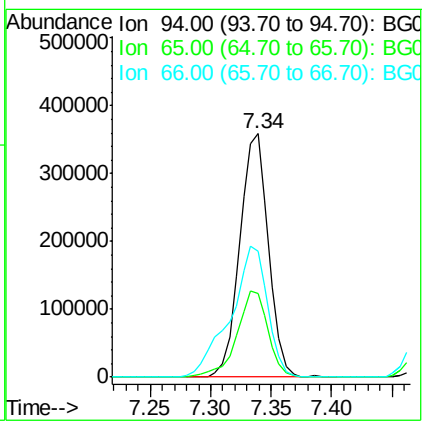


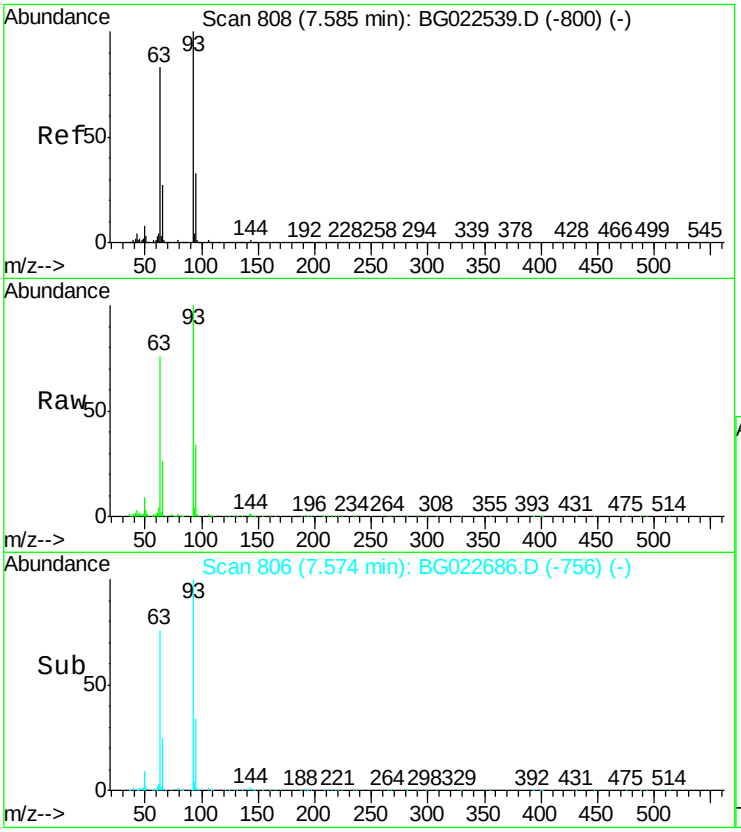




#10
Phenol
Concen: 47.99 ng
RT: 7.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 94 Resp: 592328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.4 | 18.1 | 58.1 |
| 66 | 51.7 | 42.1 | 82.1 |



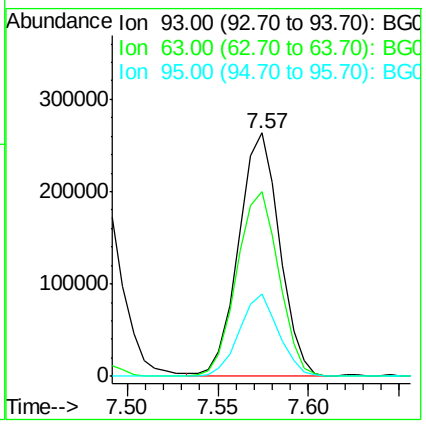


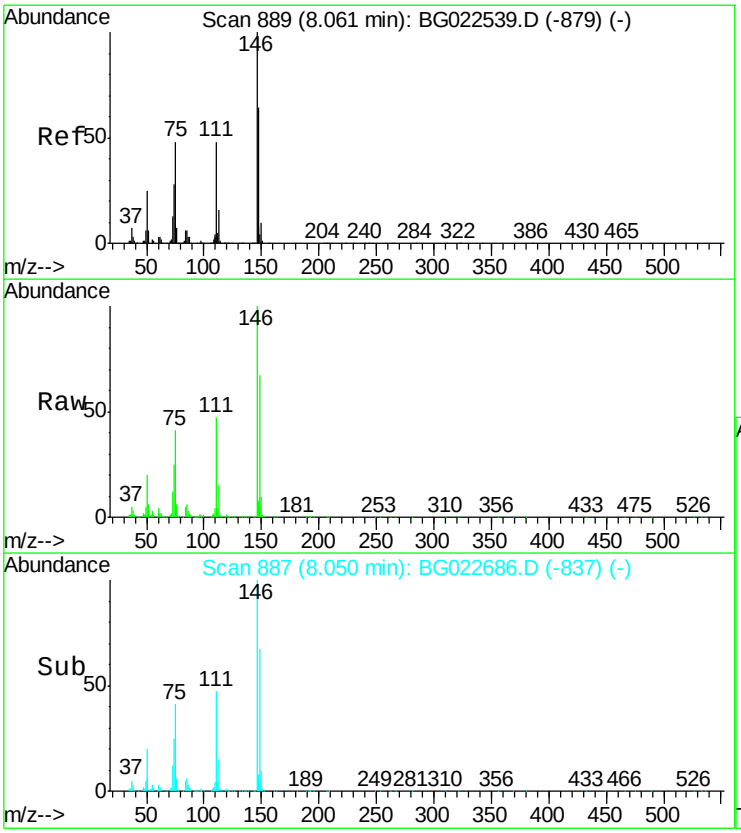

#11
bis(2-Chloroethyl)ether
Concen: 40.57 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 93 Resp: 412218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.7 | 55.0 | 95.0 |
| 95 | 33.8 | 11.0 | 51.0 |

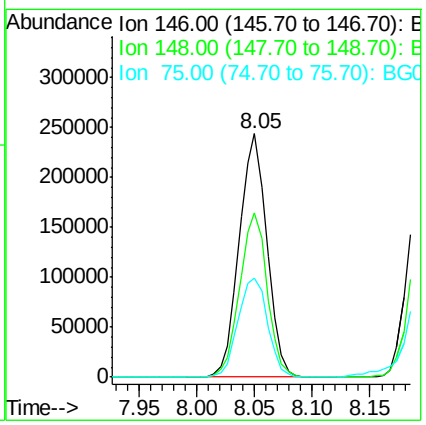


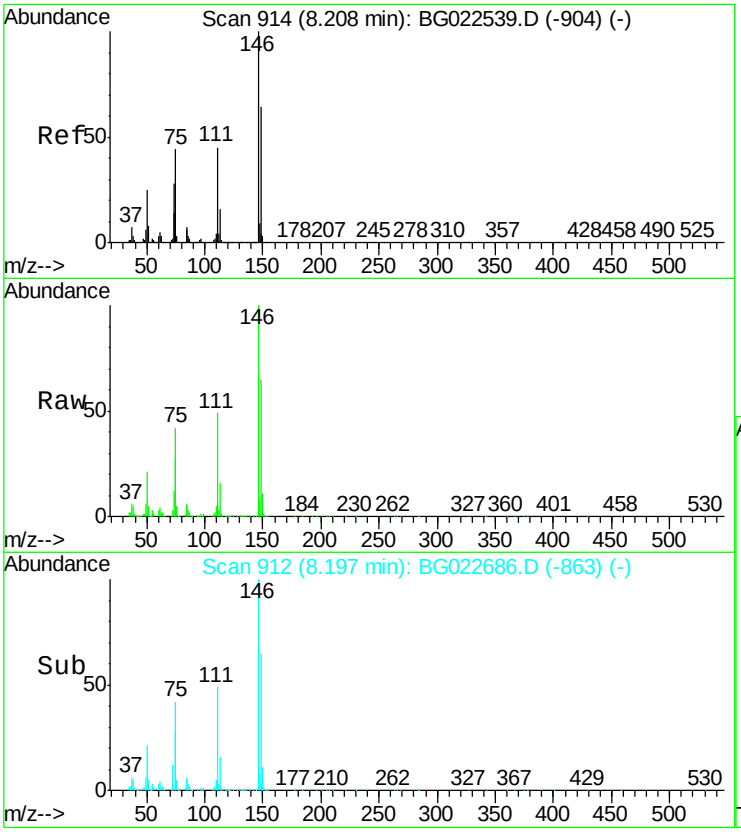




#12
1,3-Dichlorobenzene
Concen: 38.88 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:146 Resp: 406038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.4 | 50.3 | 75.5 |
| 75 | 40.7 | 37.0 | 55.6 |



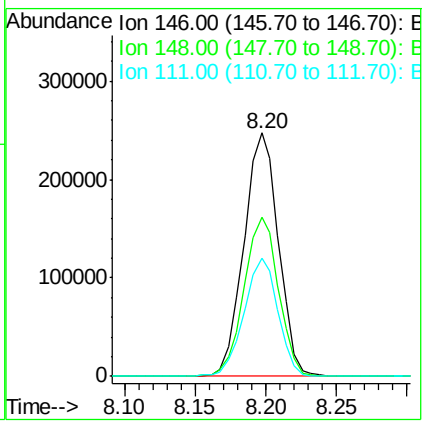


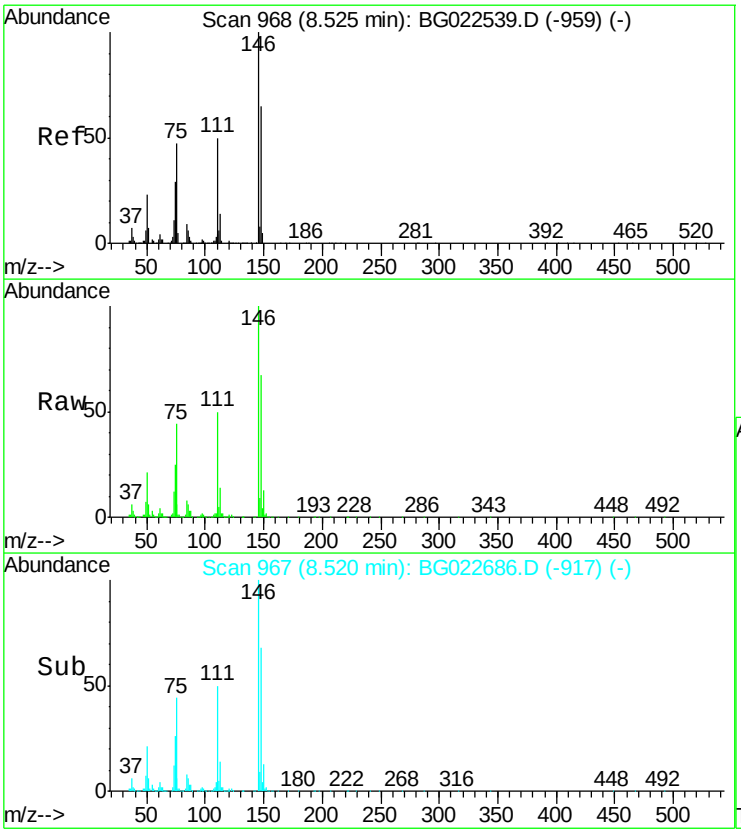

#13
1,4-Dichlorobenzene
Concen: 40.45 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:146 Resp: 423477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 54.5 | 81.7 |
| 111 | 48.8 | 37.8 | 56.8 |

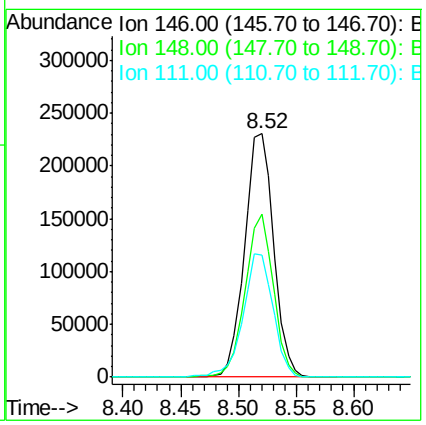


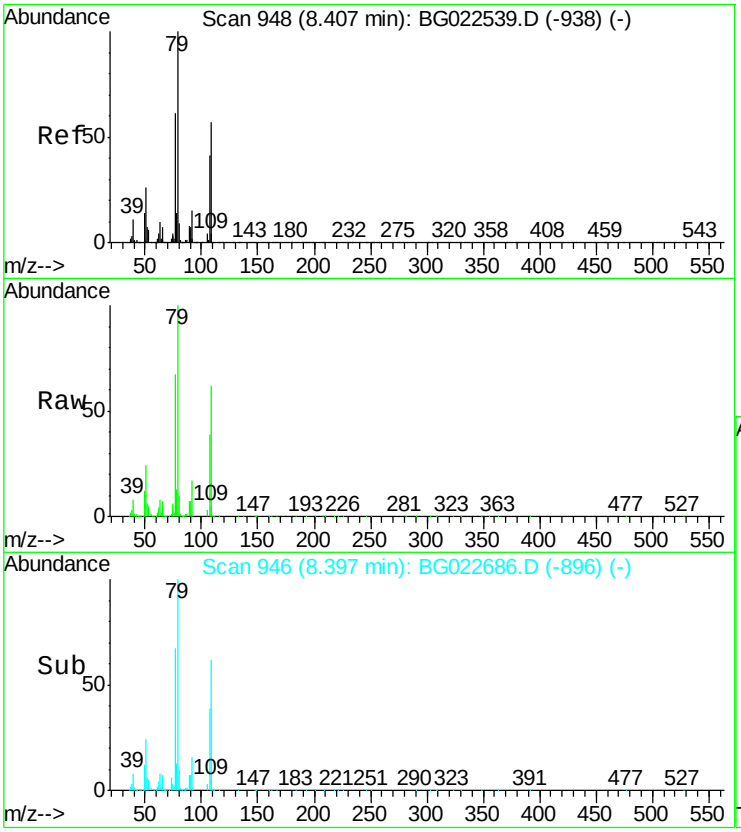




#14
1,2-Dichlorobenzene
Concen: 40.48 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:146 Resp: 403054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.2 | 52.9 | 79.3 |
| 111 | 50.0 | 43.5 | 65.3 |



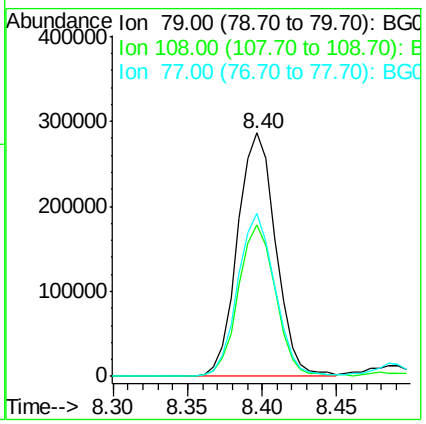


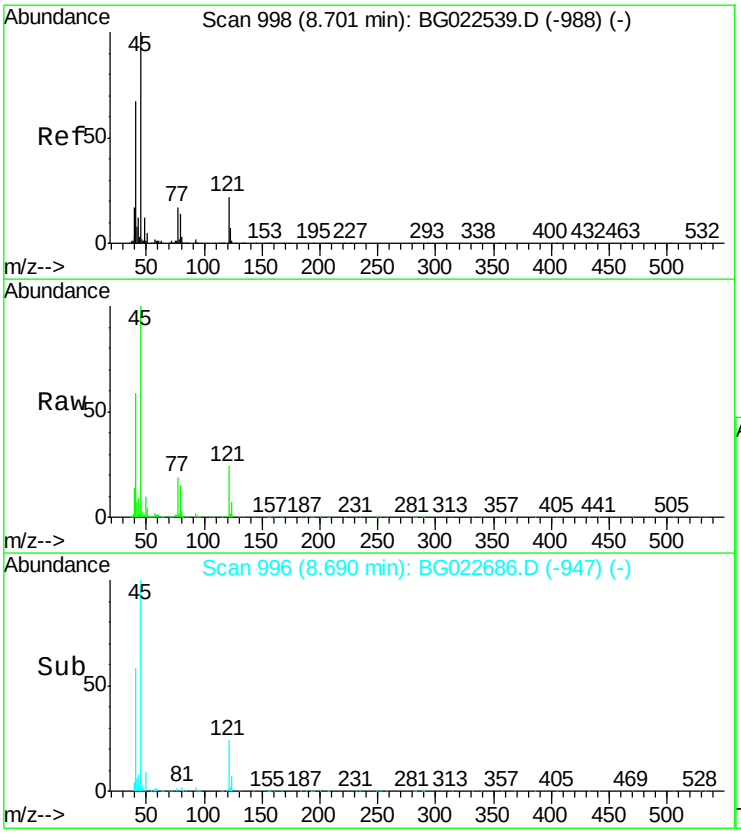

#15
Benzyl Alcohol
Concen: 46.93 ng
RT: 8.40 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 79 Resp: 507099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 62.3 | 46.5 | 69.7 |
| 77 | 66.9 | 52.3 | 78.5 |

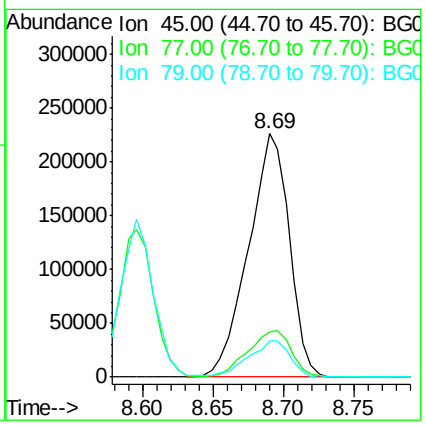


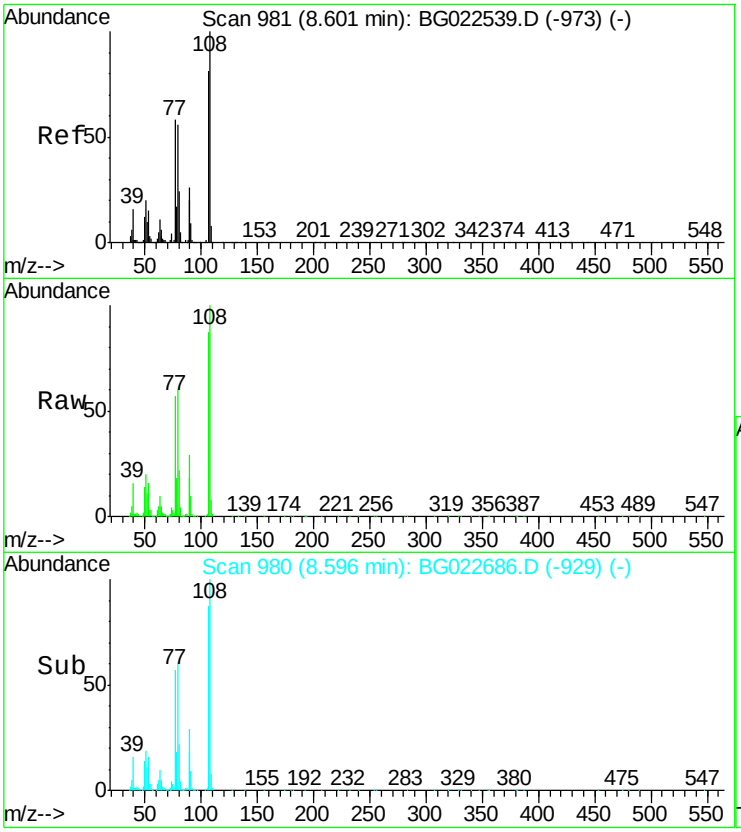




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.78 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 45 Resp: 458266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.6 | 0.6 | 40.6 |
| 79 | 15.0 | 0.0 | 36.2 |



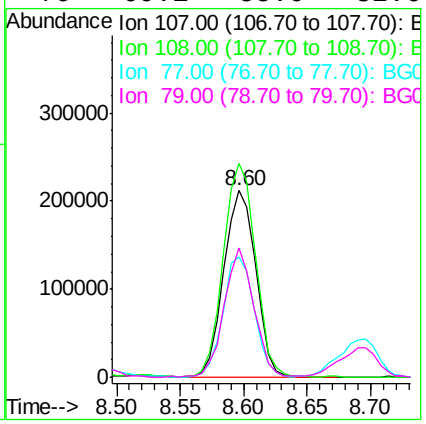


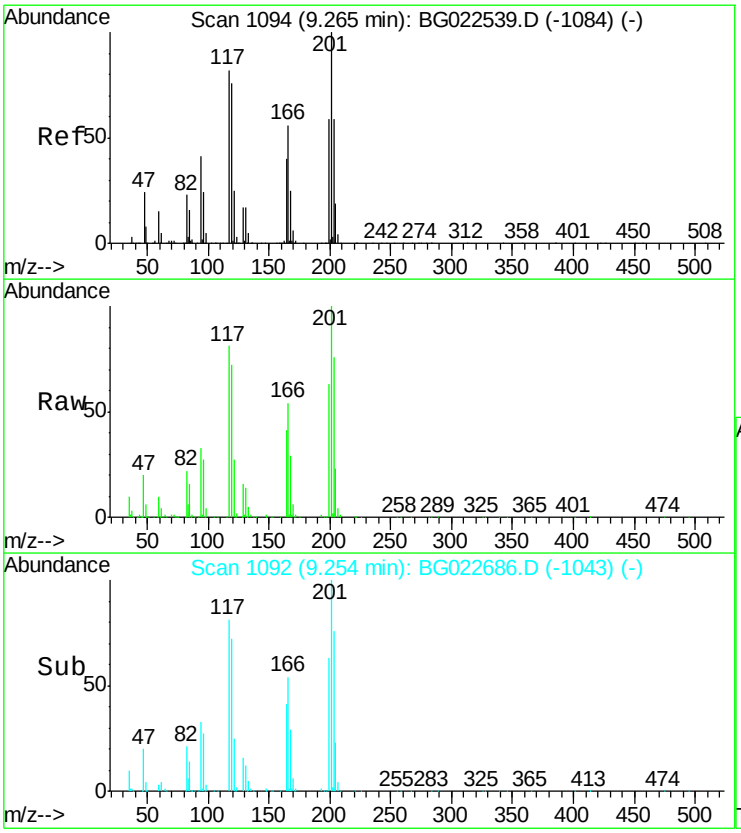

#17
2-Methylphenol
Concen: 45.56 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:107 Resp: 370686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.6 | 92.0 | 138.0 |
| 77 | 64.7 | 55.8 | 83.6 |
| 79 | 69.1 | 55.0 | 82.6 |

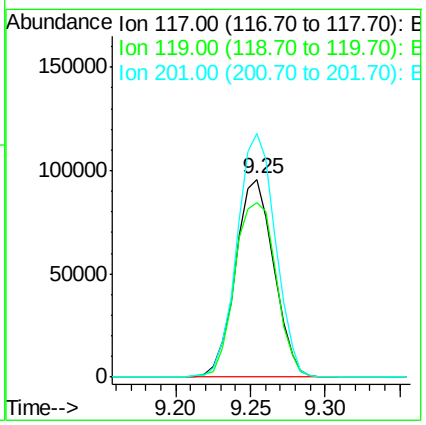


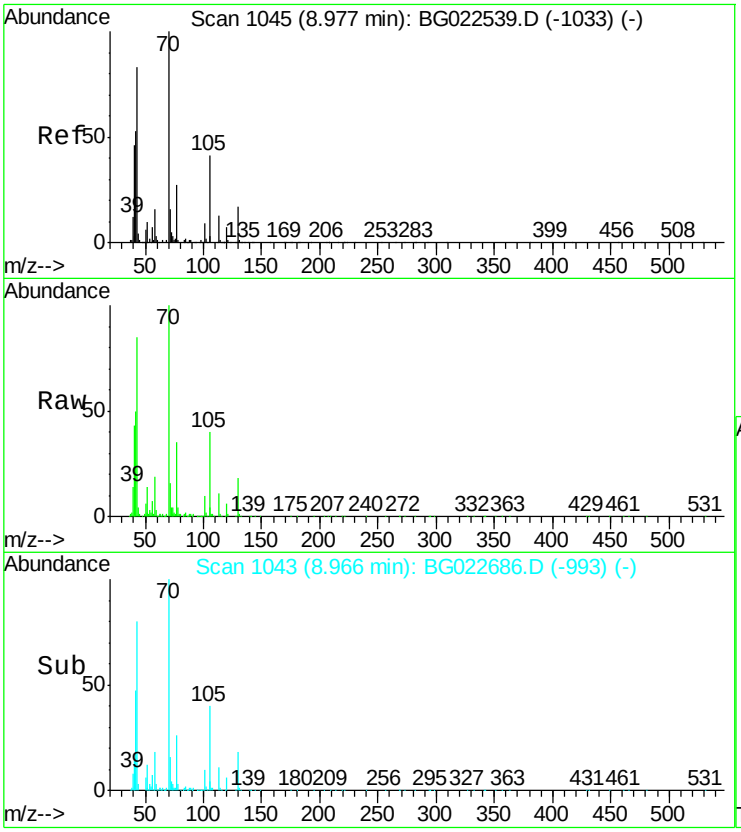




#18
Hexachloroethane
Concen: 39.47 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:117 Resp: 171037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 88.2 | 73.7 | 110.5 |
| 201 | 123.0 | 88.7 | 133.1 |



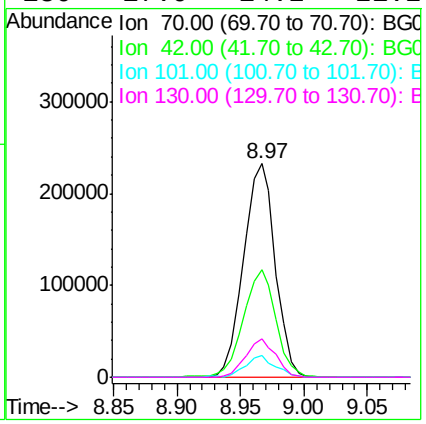


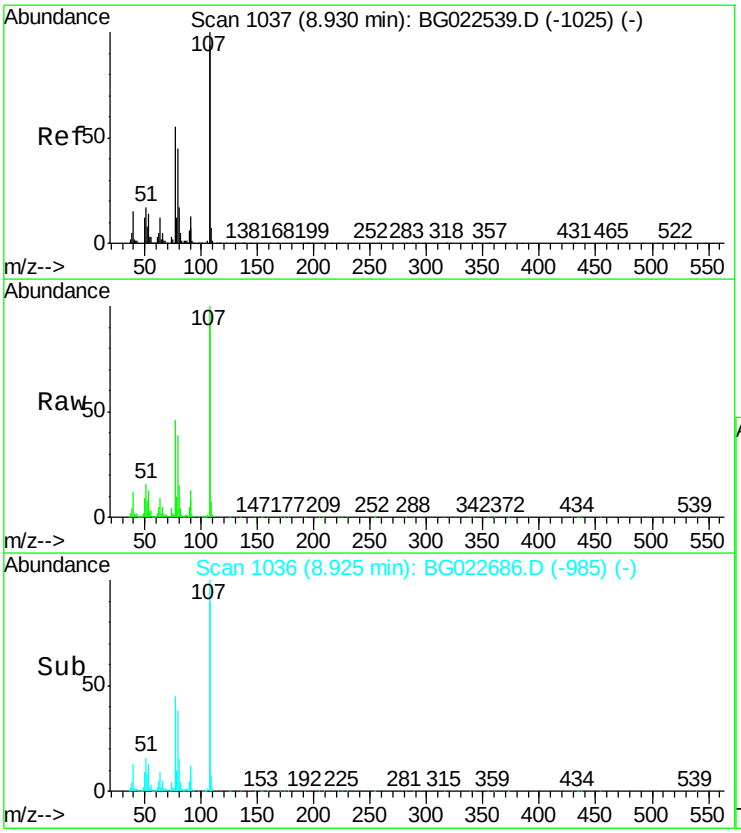

#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 70 Resp: 403149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.3 | 42.1 | 63.1 |
| 101 | 9.9 | 7.2 | 10.8 |
| 130 | 17.9 | 14.2 | 21.2 |

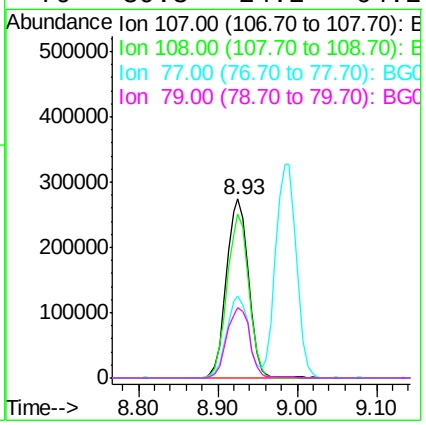


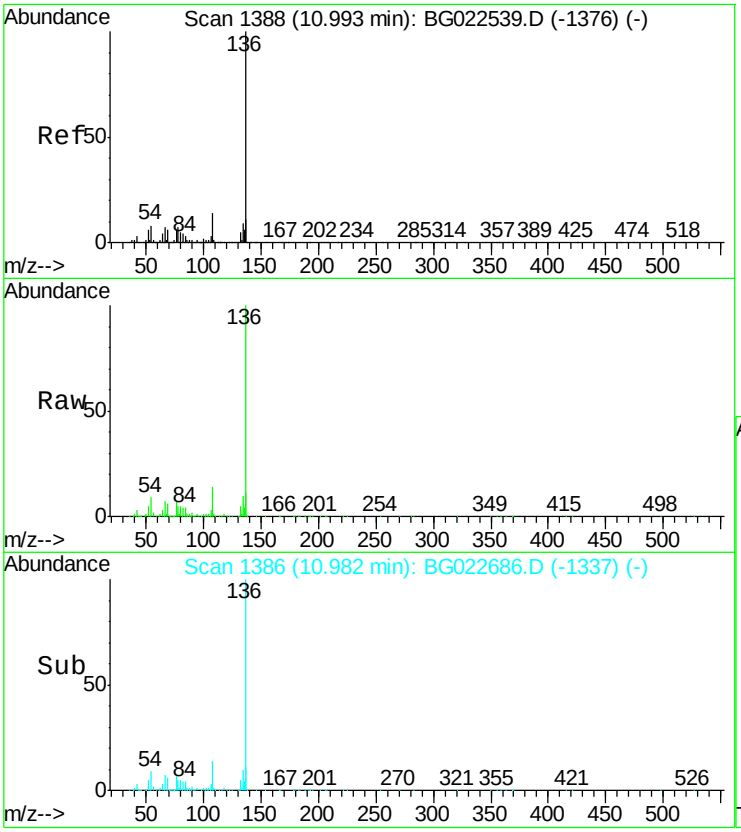




#20
3+4-Methylphenols
Concen: 47.21 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:107 Resp: 529032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.7 | 72.5 | 112.5 |
| 77 | 45.5 | 30.1 | 70.1 |
| 79 | 39.3 | 24.2 | 64.2 |



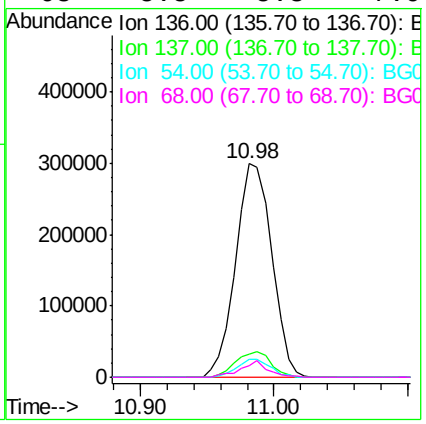


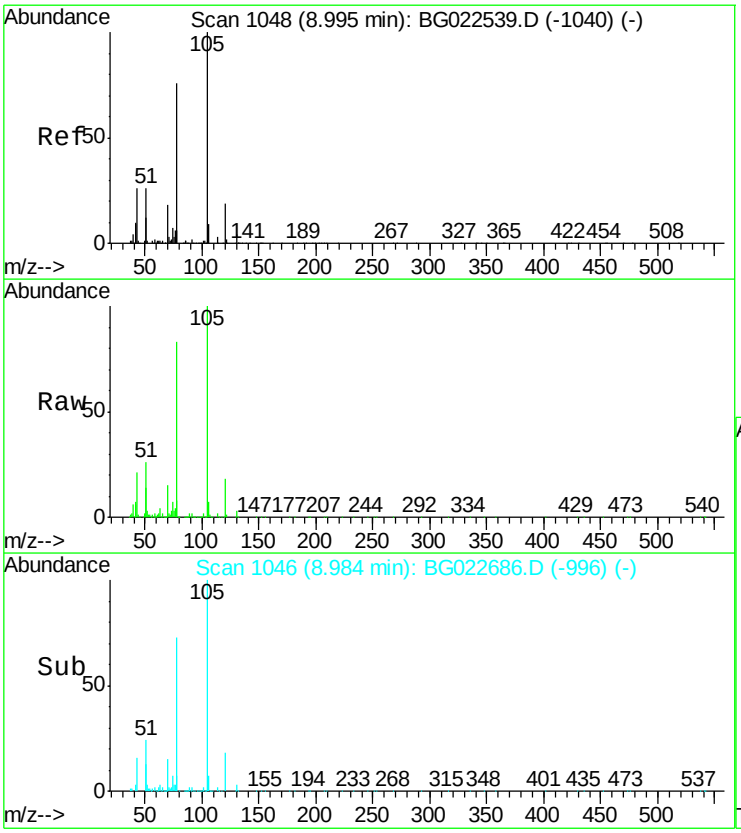

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:136 Resp: 560496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.6 | 14.4 |
| 54 | 8.7 | 7.3 | 10.9 |
| 68 | 5.5 | 5.3 | 7.9 |

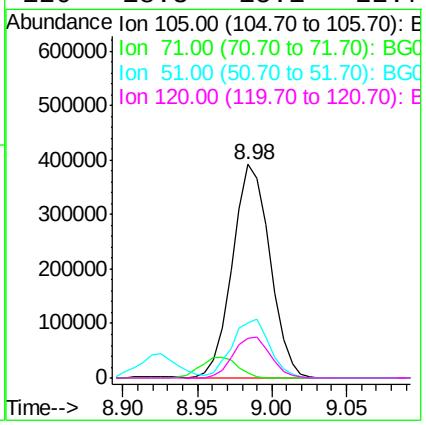


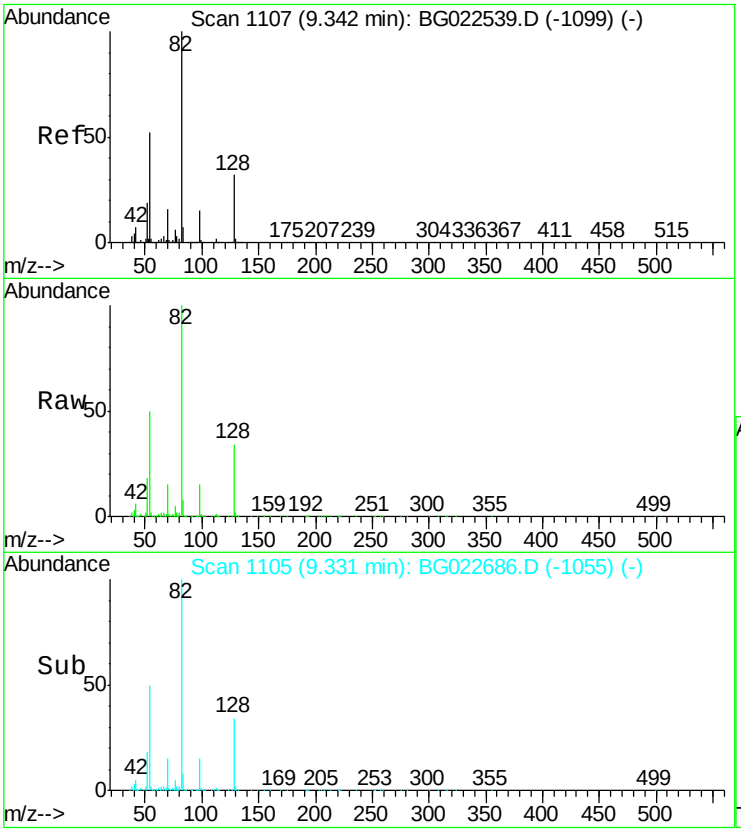




#22
Acetophenone
Concen: 42.26 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:105 Resp: 684804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.3 | 2.6 | 3.8# |
| 51 | 26.0 | 27.1 | 40.7# |
| 120 | 18.3 | 15.1 | 22.7 |



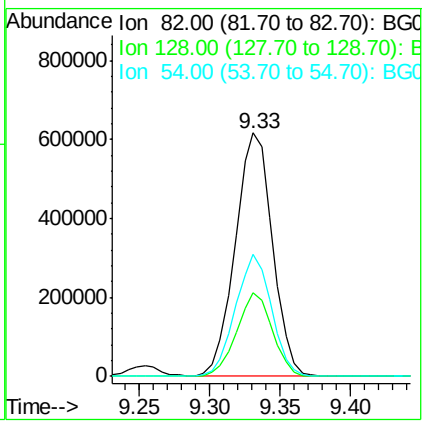


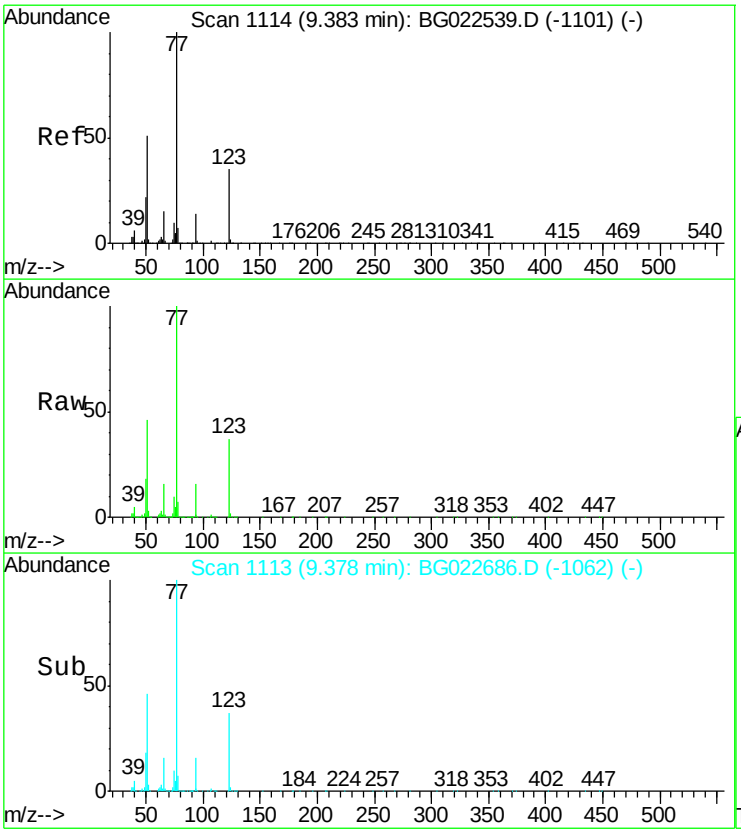

#23
Nitrobenzene-d5
Concen: 85.38 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 82 Resp: 1130731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.4 | 24.4 | 36.6 |
| 54 | 50.2 | 41.4 | 62.0 |

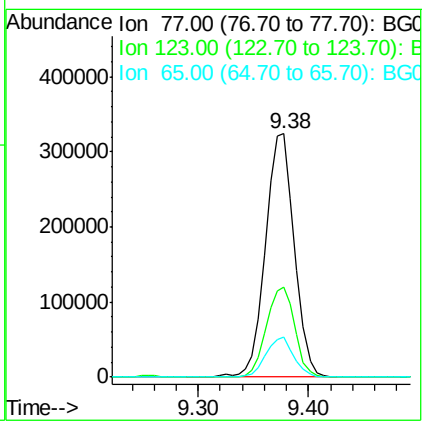


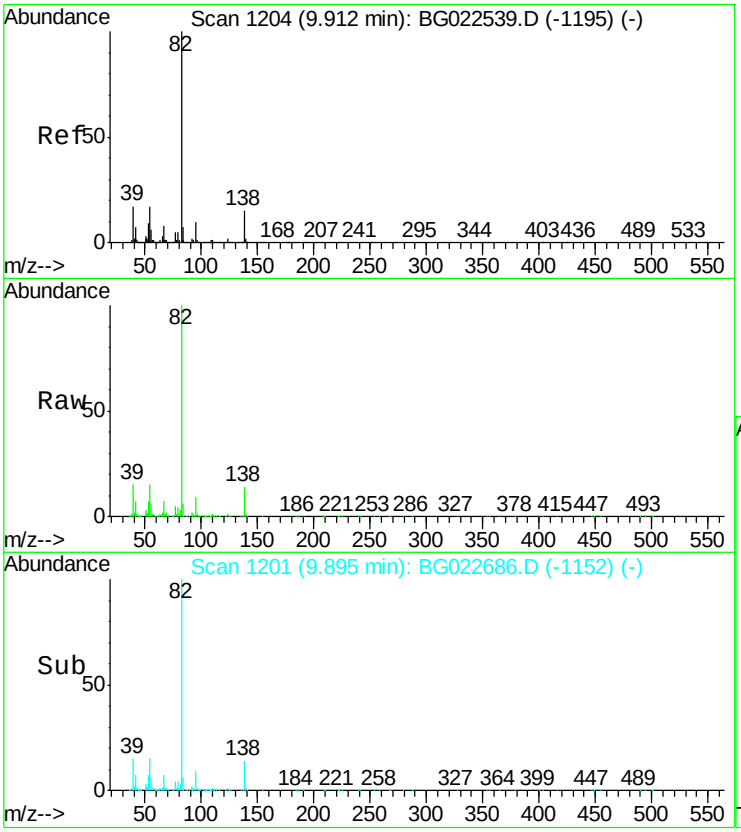




#24
Nitrobenzene
Concen: 40.48 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 77 Resp: 592514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.2 | 25.0 | 37.6 |
| 65 | 16.2 | 13.4 | 20.0 |



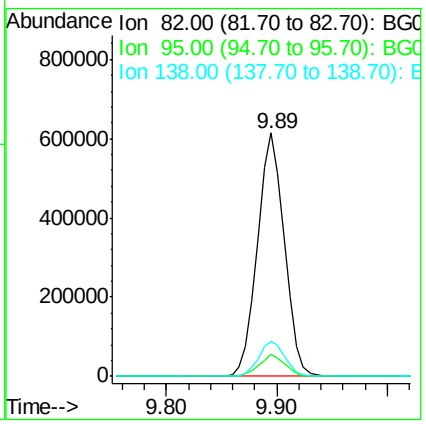


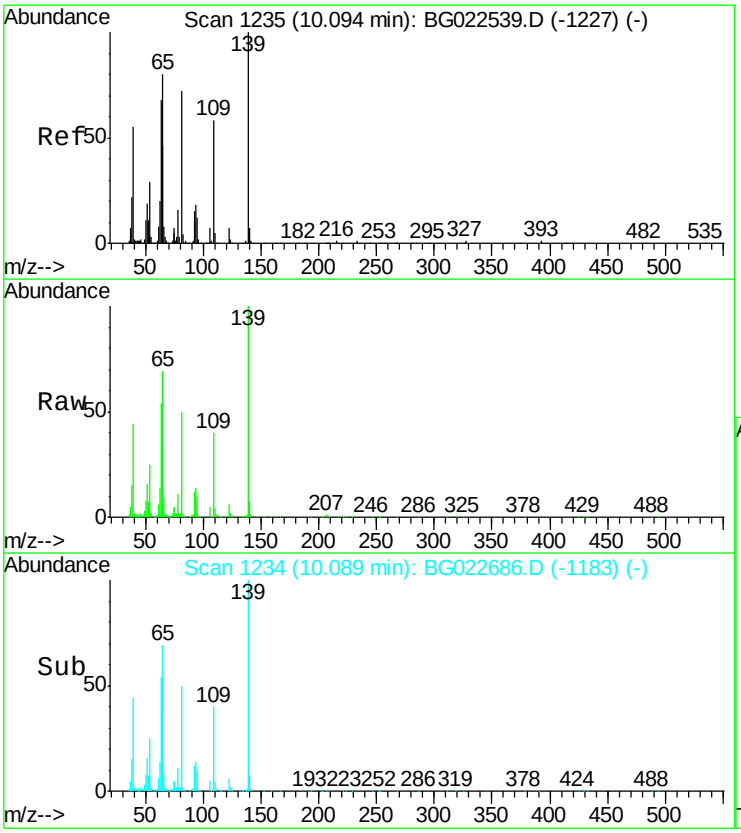

#25
Isophorone
Concen: 40.81 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 82 Resp: 1049033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.2 | 8.2 | 12.2 |
| 138 | 14.4 | 10.7 | 16.1 |

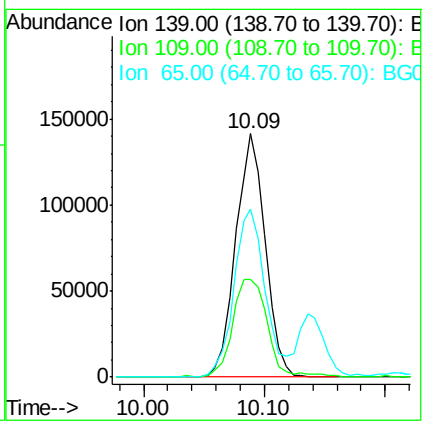


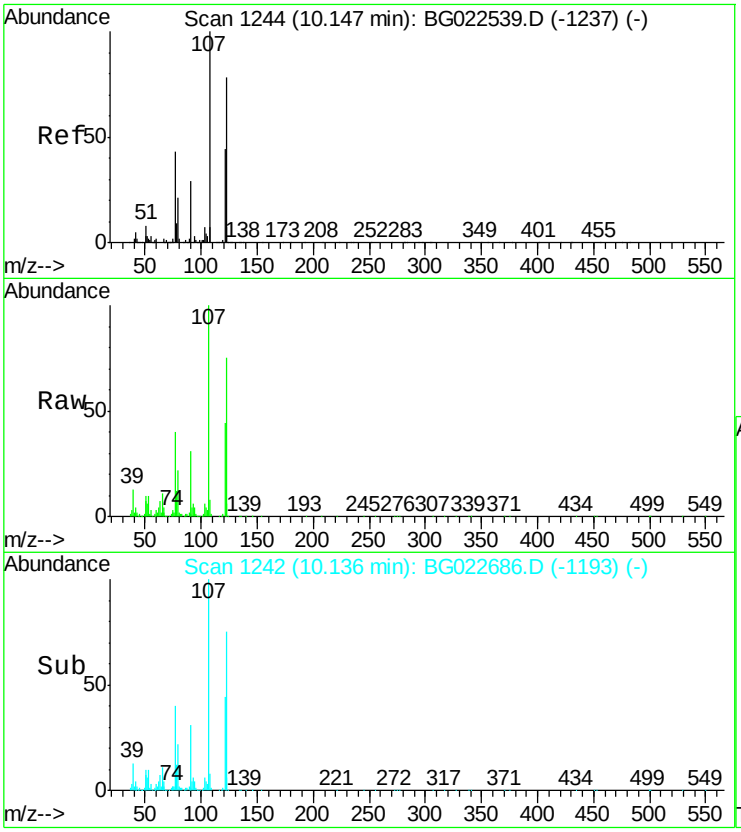




#26
2-Nitrophenol
Concen: 45.74 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:139 Resp: 241169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 40.0 | 43.5 | 65.3# |
| 65 | 68.8 | 64.3 | 96.5 |



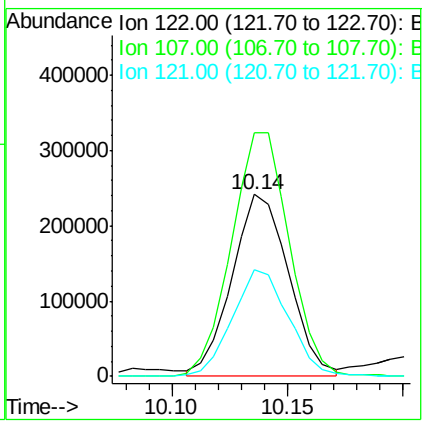


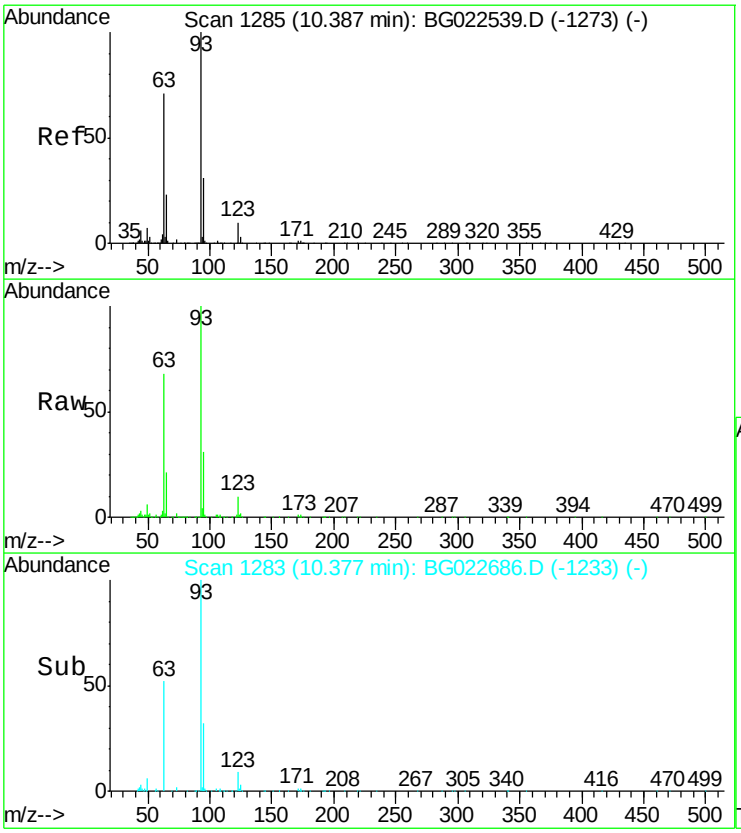

#27
2,4-Dimethylphenol
Concen: 40.88 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:122 Resp: 411798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 134.0 | 117.0 | 175.4 |
| 121 | 58.5 | 50.1 | 75.1 |

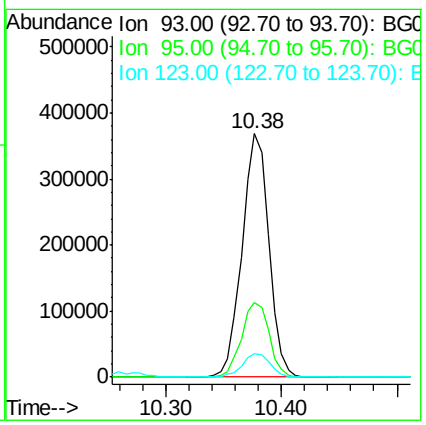


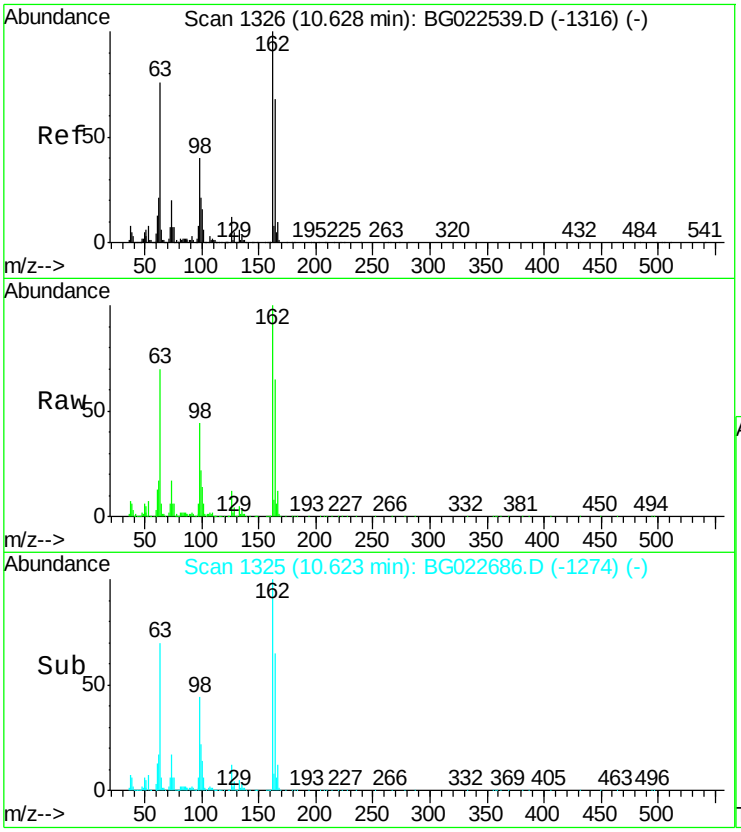




#28
bis(2-Chloroethoxy)methane
Concen: 42.25 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 93 Resp: 593102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 30.7 | 25.4 | 38.2 |
| 123 | 9.6 | 8.2 | 12.2 |



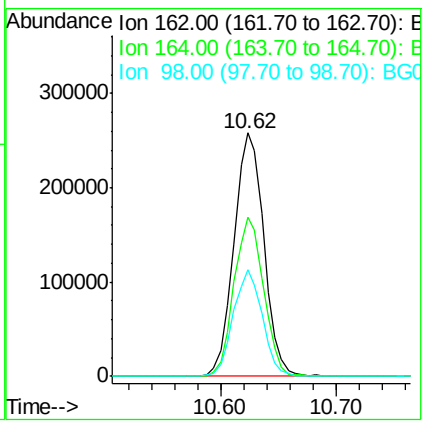


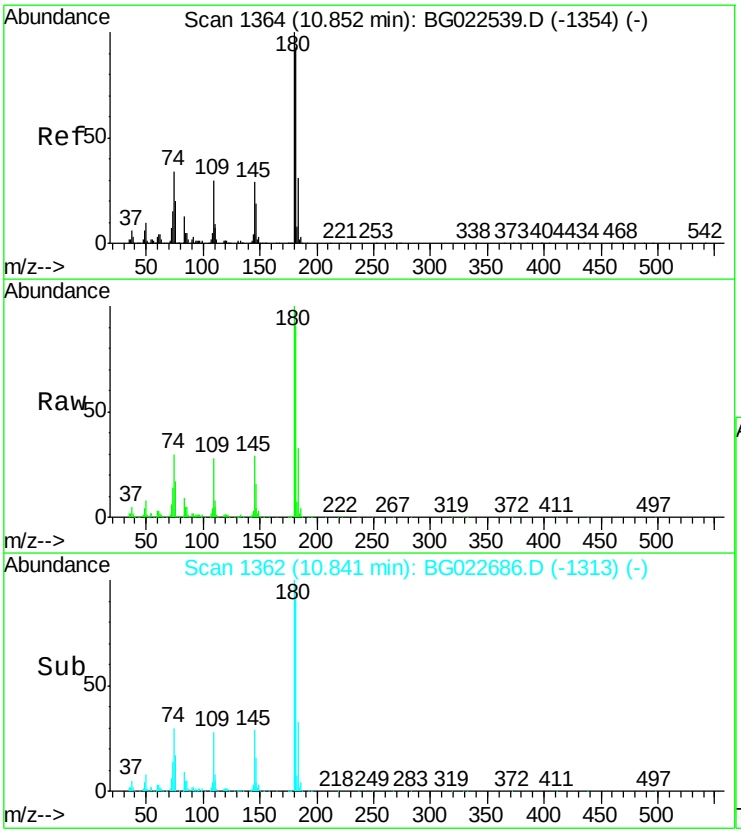

#29
2,4-Dichlorophenol
Concen: 47.02 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:162 Resp: 461442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.4 | 44.3 | 84.3 |
| 98 | 43.9 | 19.5 | 59.5 |

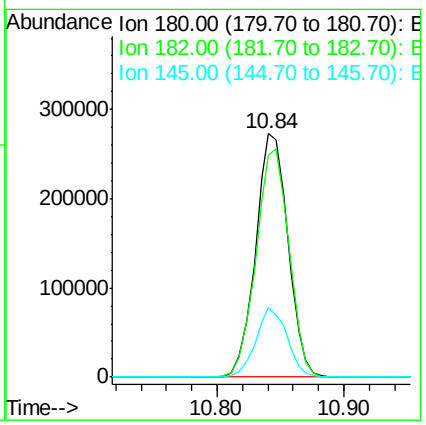


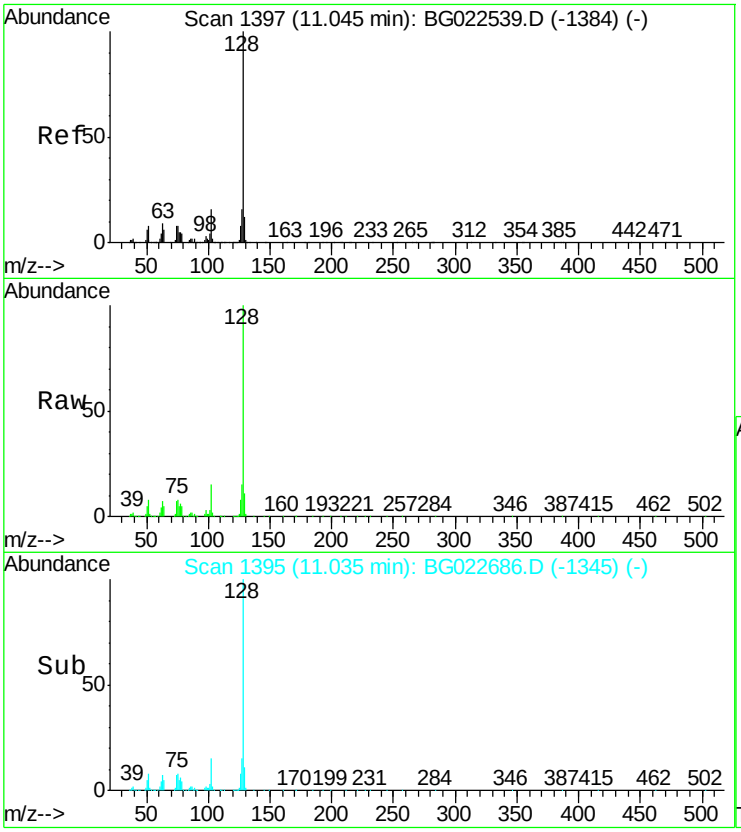




#30
1,2,4-Trichlorobenzene
Concen: 41.54 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:180 Resp: 484009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.2 | 73.8 | 110.8 |
| 145 | 28.6 | 24.4 | 36.6 |



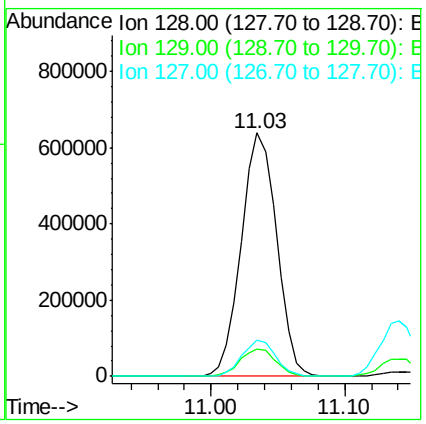


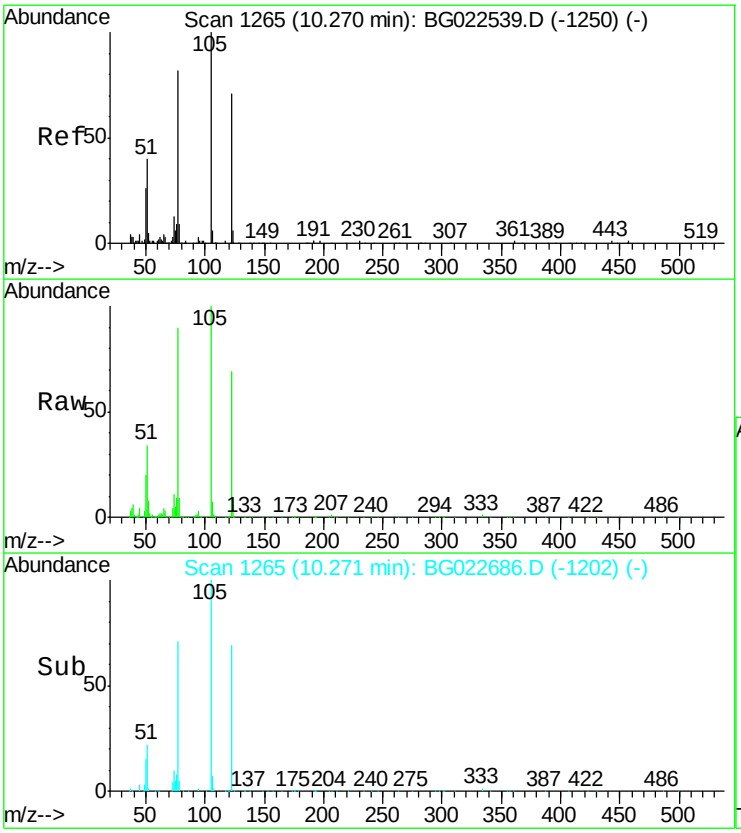

#31
Naphthalene
Concen: 41.58 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:128 Resp: 1171368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.4 | 14.0 |
| 127 | 14.8 | 11.3 | 16.9 |

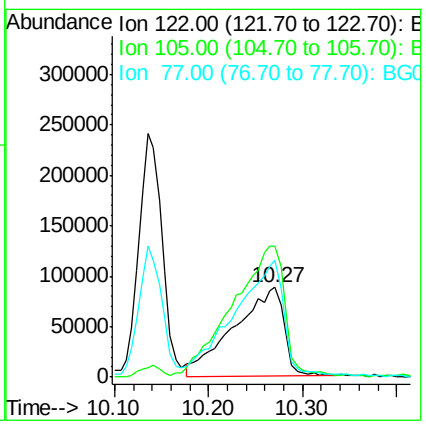


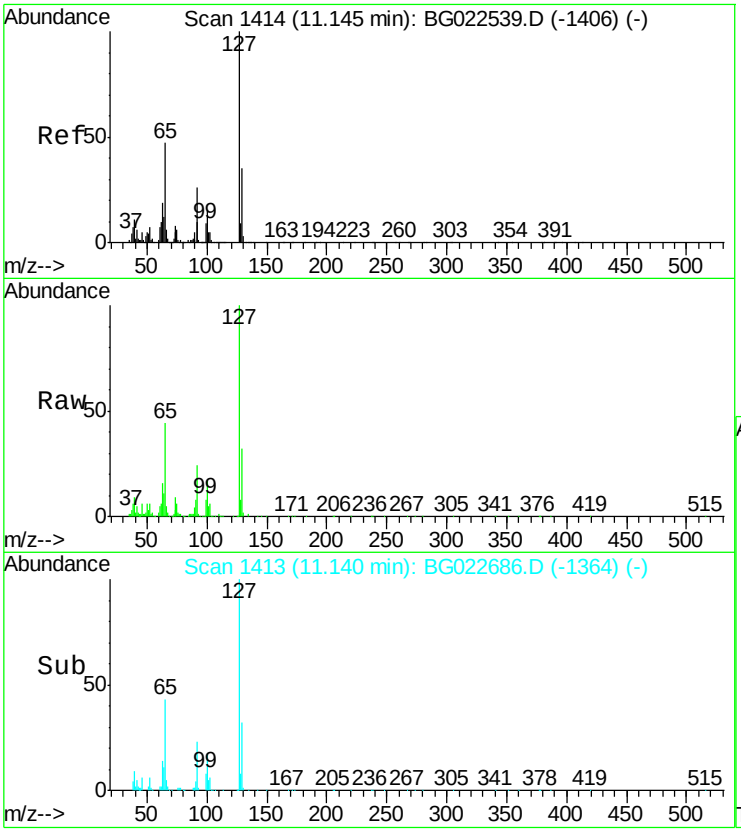




#32
Benzoic acid
Concen: 49.02 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.07 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:122 Resp: 323612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 145.6 | 117.2 | 157.2 |
| 77 | 130.7 | 109.2 | 149.2 |



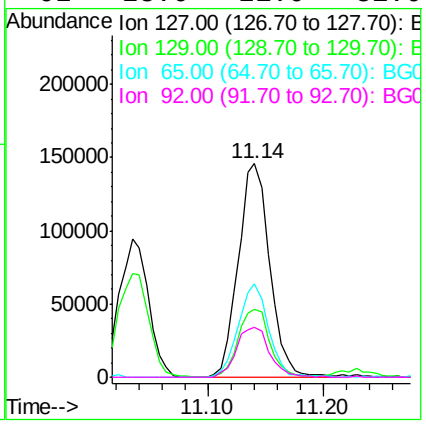


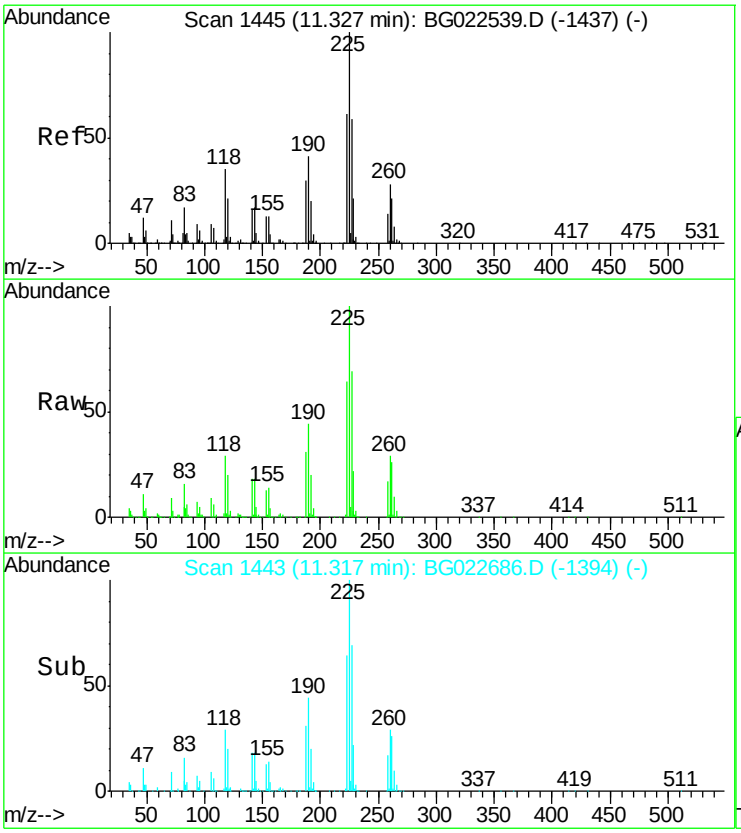

#33
4-Chloroaniline
Concen: 22.65 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:127 Resp: 274925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 27.9 | 41.9 |
| 65 | 43.6 | 36.8 | 55.2 |
| 92 | 23.6 | 21.0 | 31.6 |

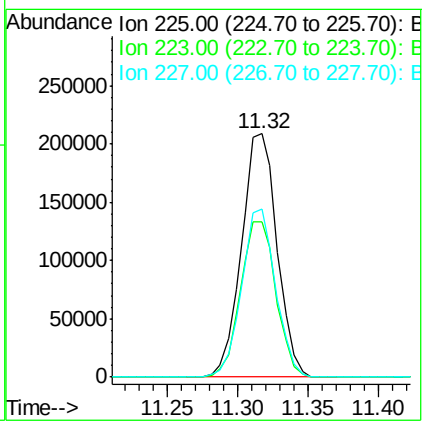


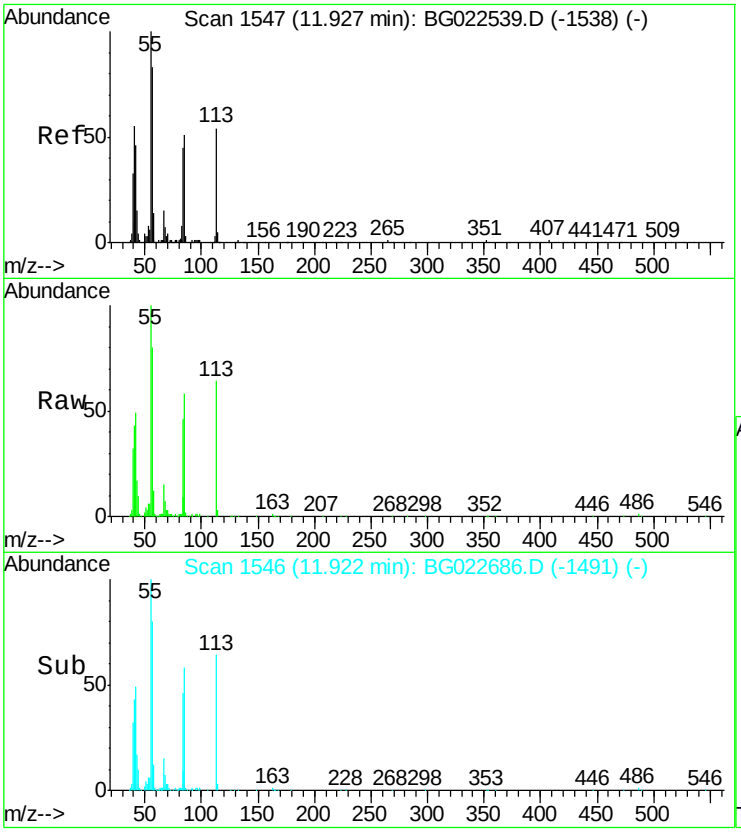




#34
Hexachlorobutadiene
Concen: 40.67 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:225 Resp: 368310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 49.6 | 74.4 |
| 227 | 69.1 | 54.5 | 81.7 |



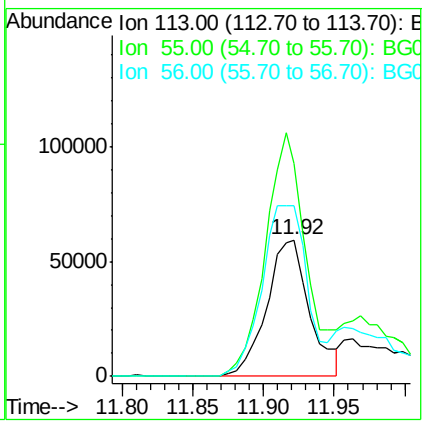


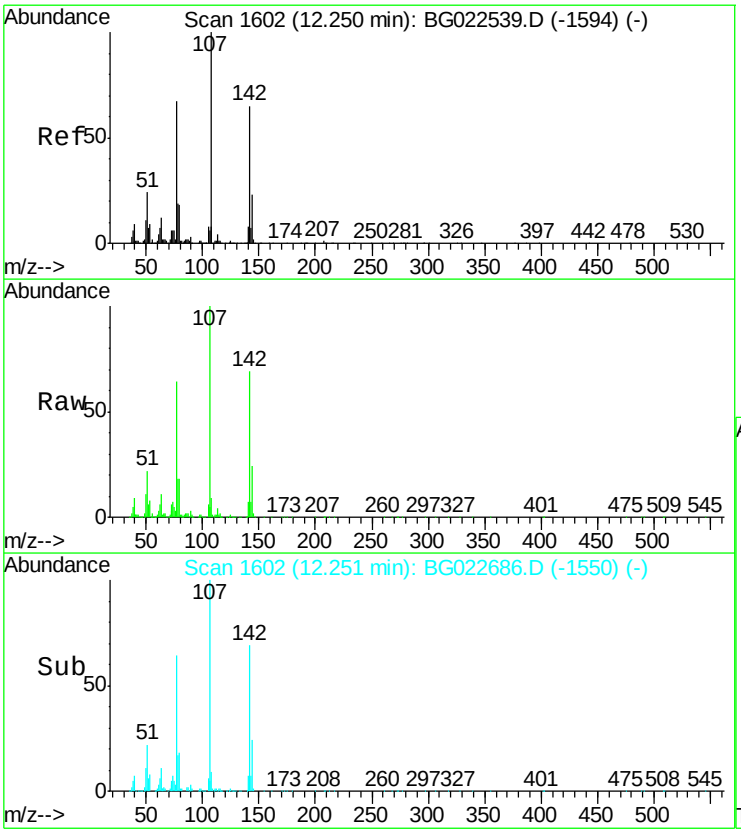

#35
Caprolactam
Concen: 40.82 ng
RT: 11.92 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:113 Resp: 126199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 156.4 | 154.5 | 194.5 |
| 56 | 124.7 | 125.1 | 165.1# |

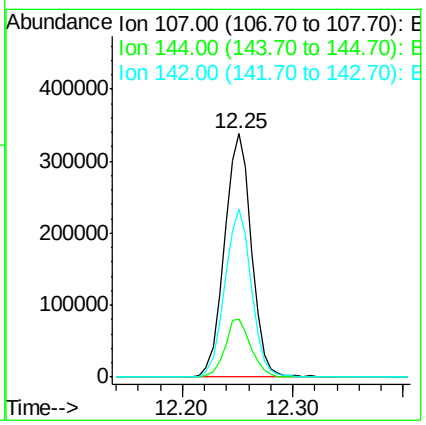


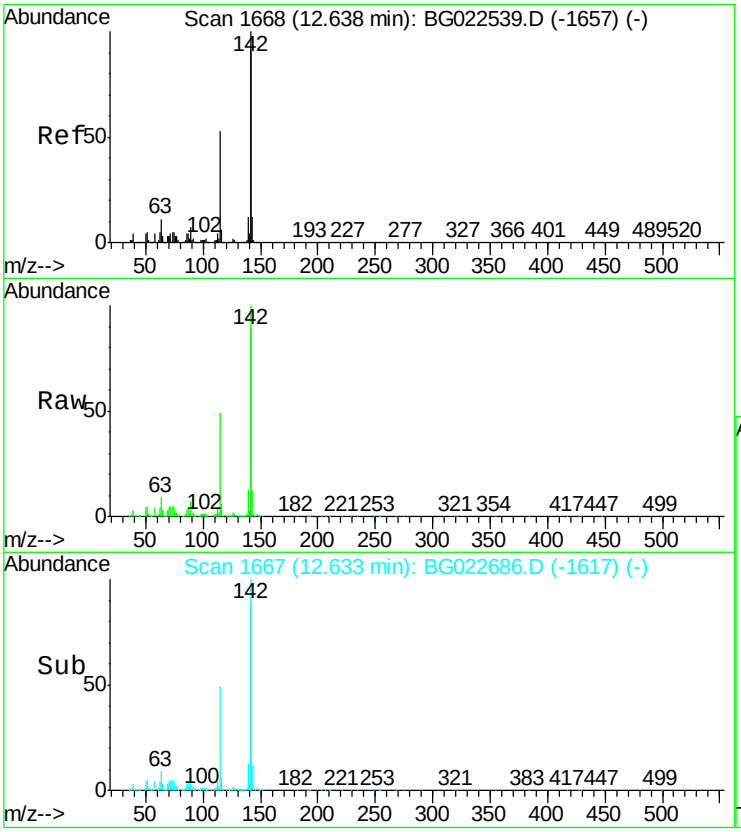




#36
4-Chloro-3-methylphenol
Concen: 47.94 ng
RT: 12.25 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:107 Resp: 577557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.6 | 17.0 | 25.6 |
| 142 | 68.9 | 53.0 | 79.6 |



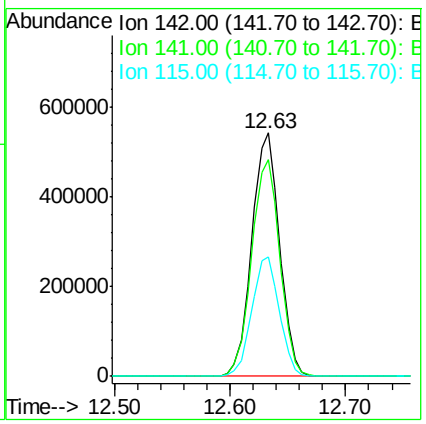


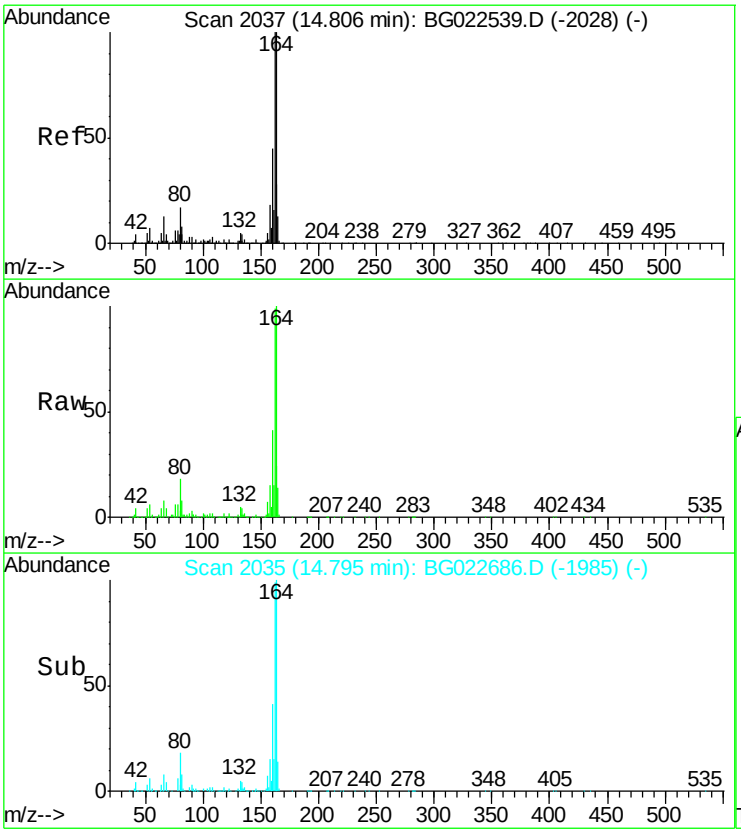

#37
2-Methylnaphthalene
Concen: 41.50 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:142 Resp: 906635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 70.2 | 105.2 |
| 115 | 49.0 | 41.7 | 62.5 |

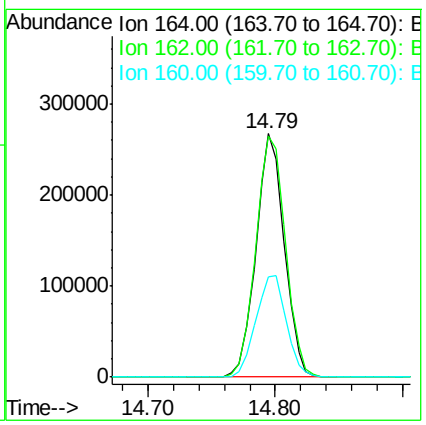


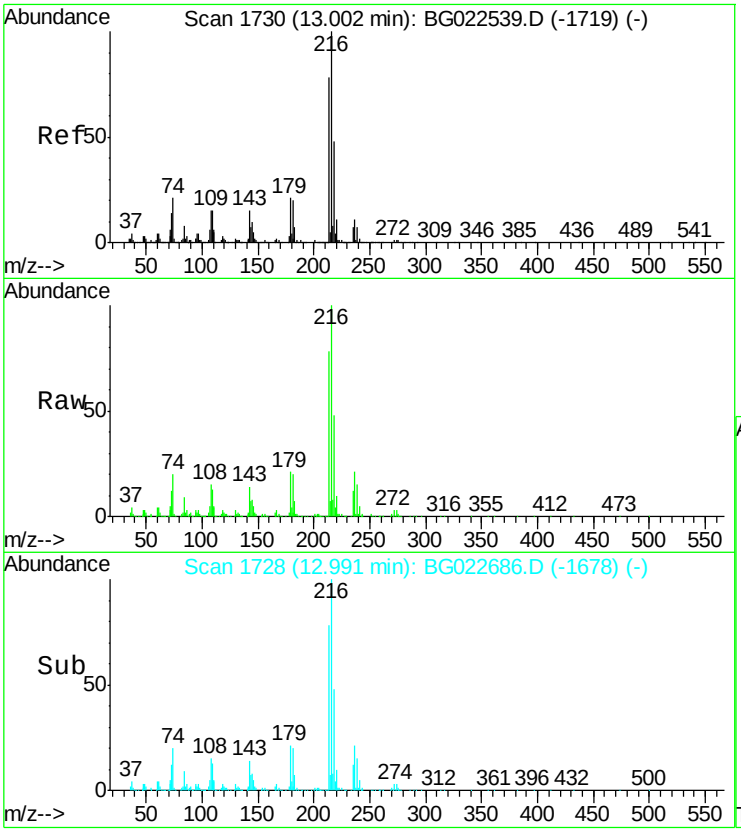




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:164 Resp: 415415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 87.7 | 131.5 |
| 160 | 41.2 | 37.2 | 55.8 |



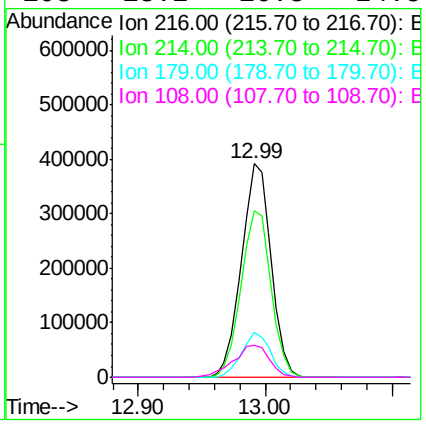


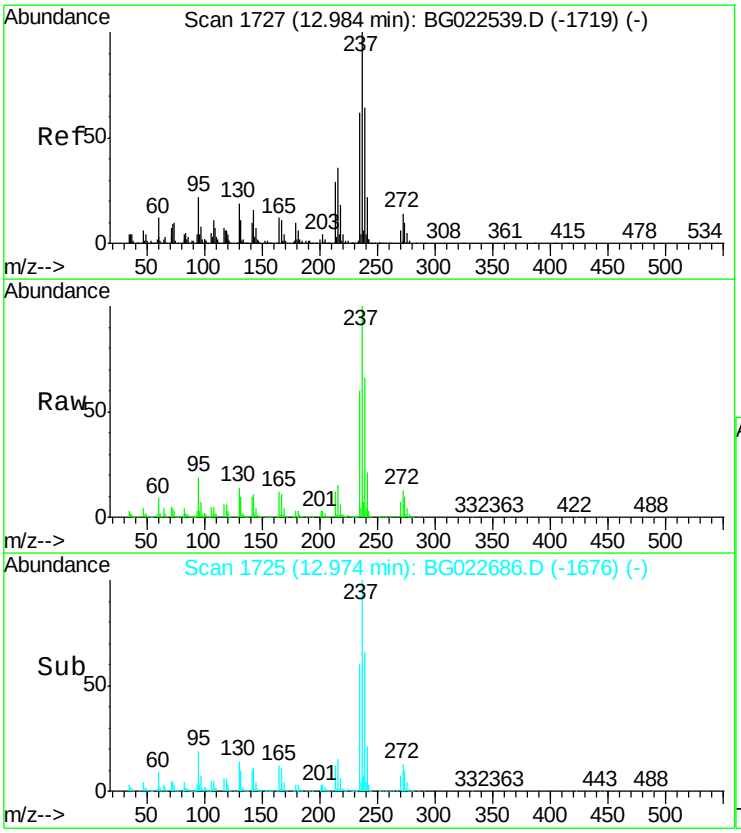

#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.57 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:216 Resp: 636231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.9 | 94.3 |
| 179 | 20.3 | 17.2 | 25.8 |
| 108 | 18.2 | 16.3 | 24.5 |

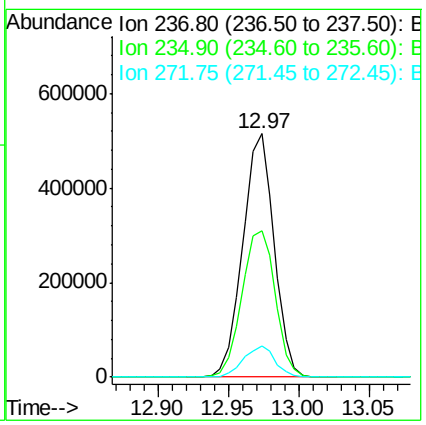


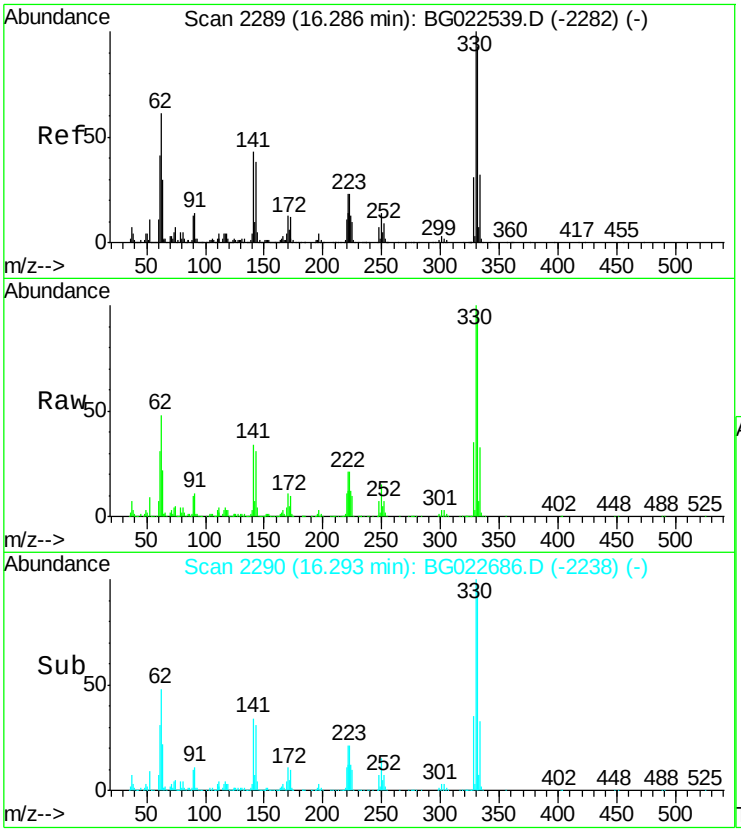




#40
Hexachlorocyclopentadiene
Concen: 64.05 ng
RT: 12.97 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:237 Resp: 801906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.1 | 43.1 | 83.1 |
| 272 | 13.0 | 0.0 | 30.9 |



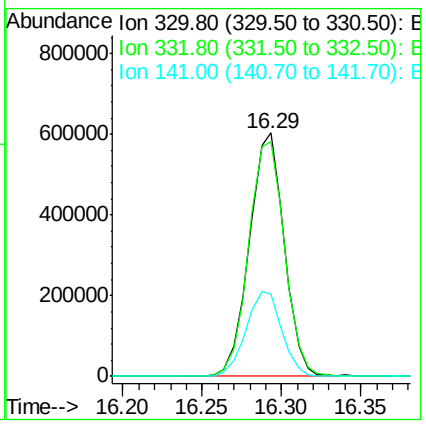


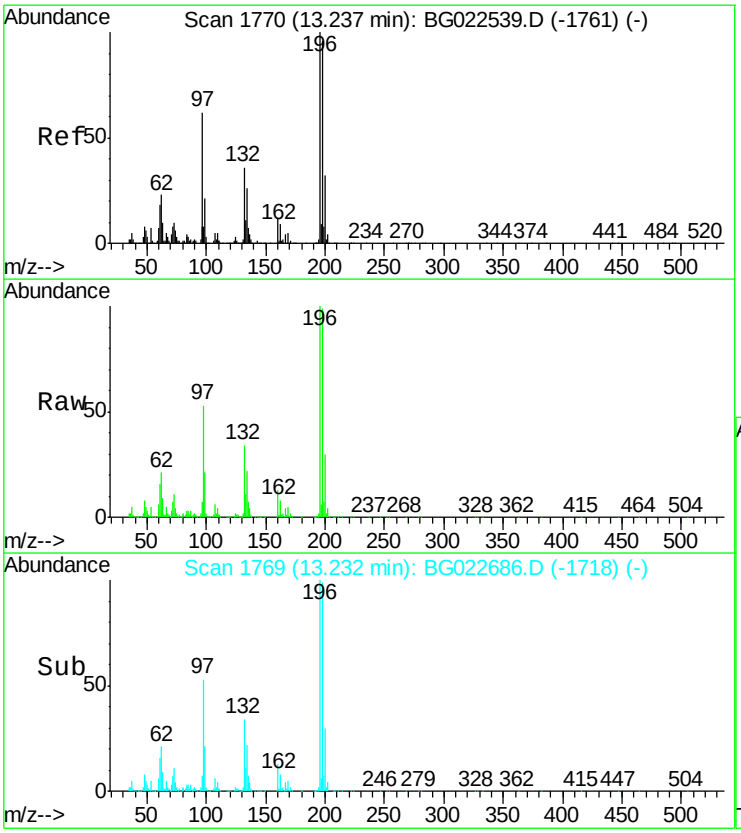

#41
2,4,6-Tribromophenol
Concen: 140.82 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:330 Resp: 920077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.4 | 77.4 | 116.2 |
| 141 | 36.0 | 31.7 | 47.5 |

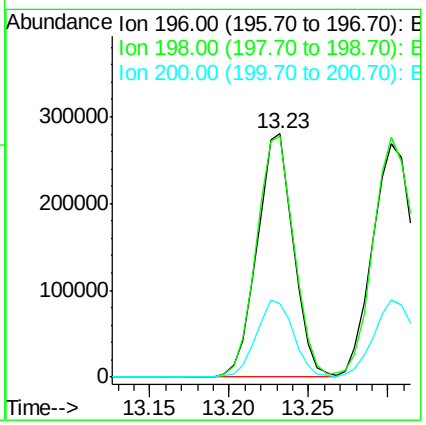


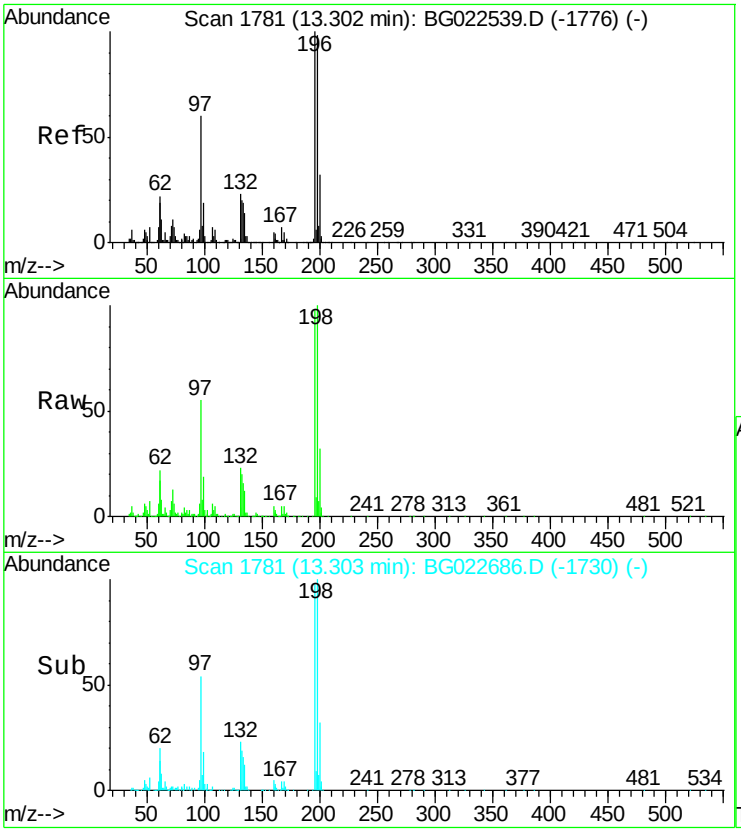




#42
2,4,6-Trichlorophenol
Concen: 44.55 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:196 Resp: 447980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.0 | 78.2 | 117.2 |
| 200 | 30.0 | 27.0 | 40.4 |



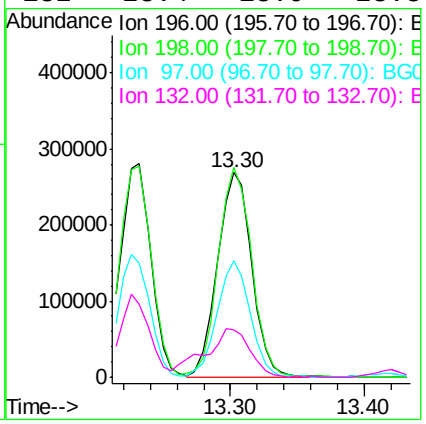


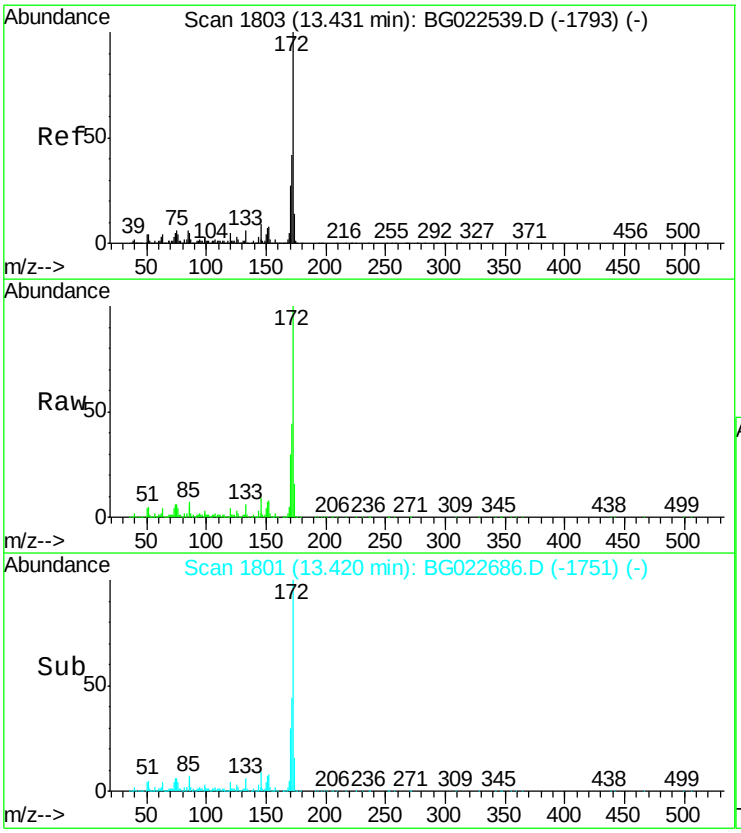

#43
2,4,5-Trichlorophenol
Concen: 45.97 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:196 Resp: 483703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.5 | 85.7 | 128.5 |
| 97 | 56.6 | 45.5 | 68.3 |
| 132 | 23.4 | 18.9 | 28.3 |

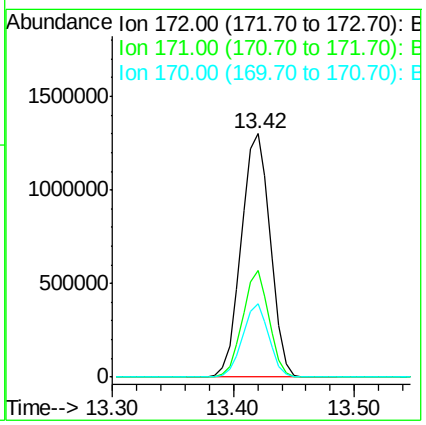


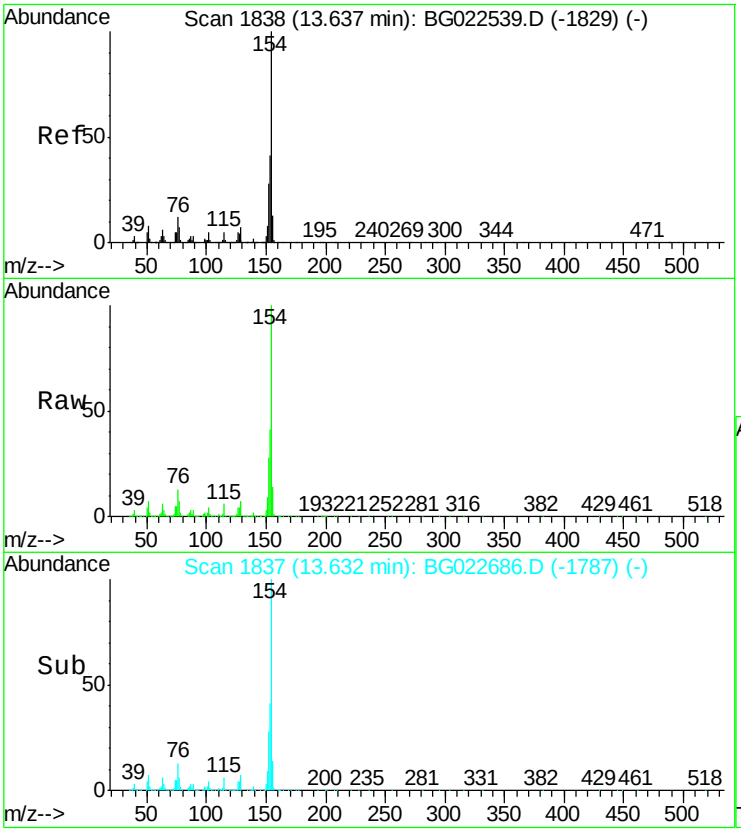




#44
2-Fluorobiphenyl
Concen: 83.05 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:172 Resp: 2175440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 43.6 | 31.6 | 47.4 |
| 170 | 30.3 | 21.3 | 31.9 |



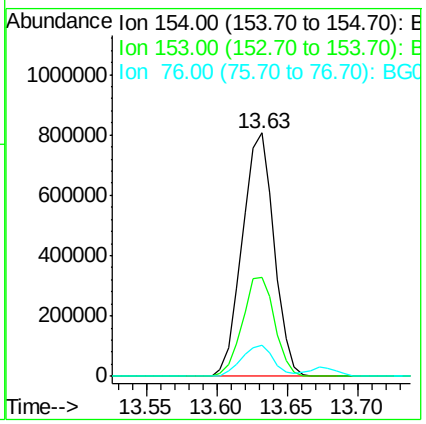


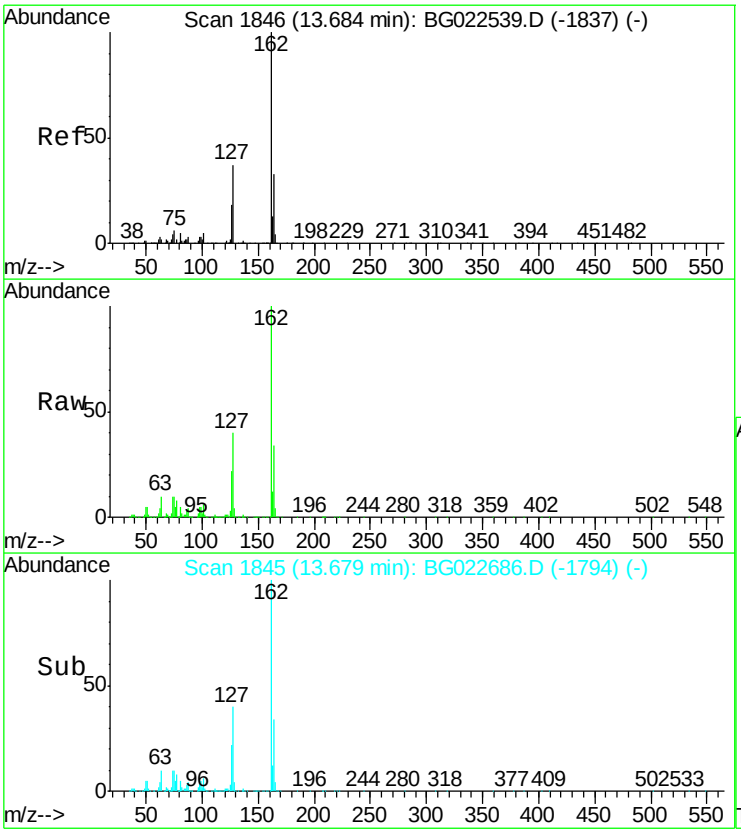

#45
1,1'-Biphenyl
Concen: 40.20 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:154 Resp: 1272176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 20.2 | 60.2 |
| 76 | 12.8 | 0.0 | 32.9 |

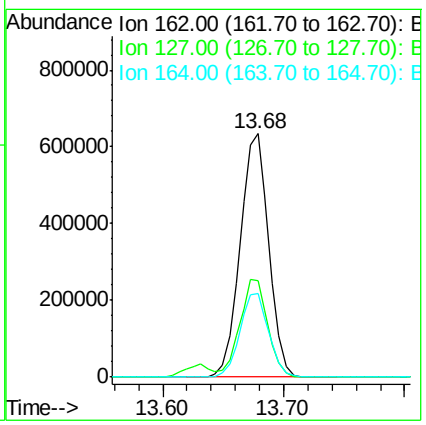


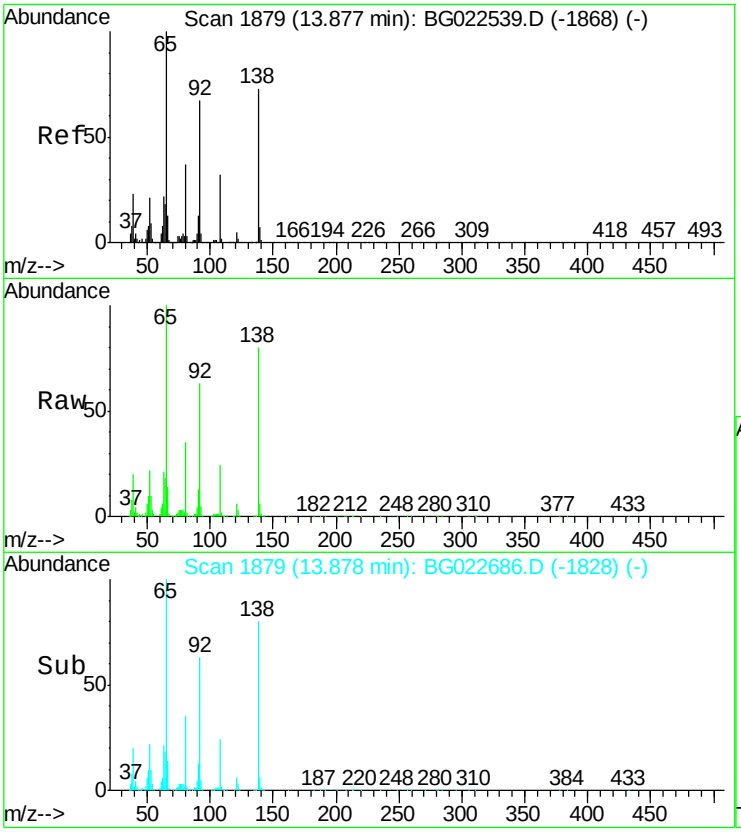




#46
2-Chloronaphthalene
Concen: 39.98 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:162 Resp: 1040959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.7 | 32.4 | 48.6 |
| 164 | 34.4 | 25.2 | 37.8 |



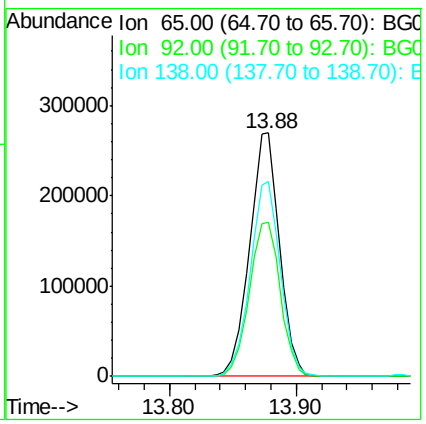


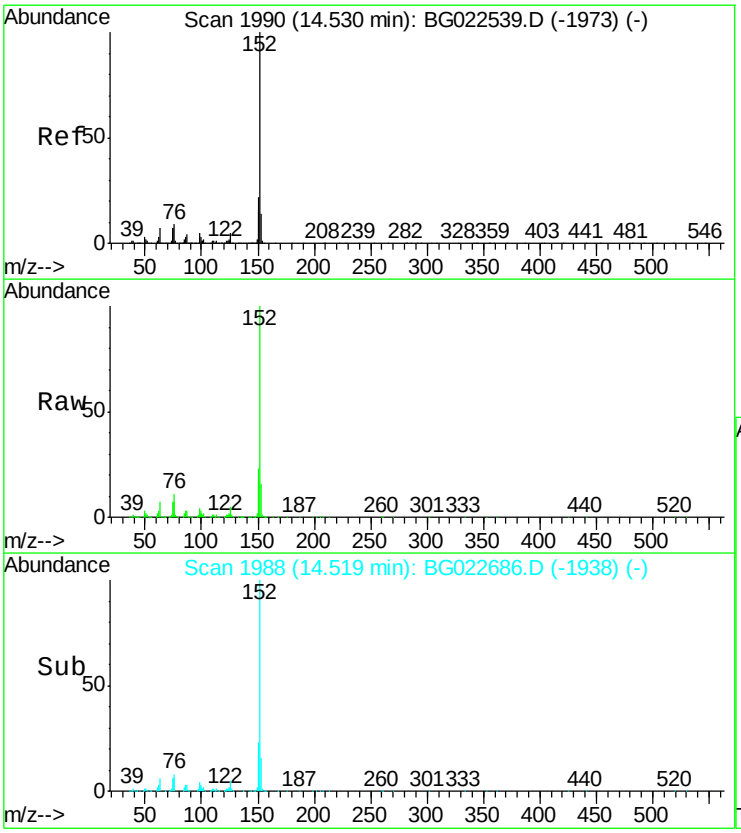

#47
2-Nitroaniline
Concen: 44.15 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion: 65 Resp: 443747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.1 | 49.4 | 74.0 |
| 138 | 80.1 | 58.0 | 87.0 |

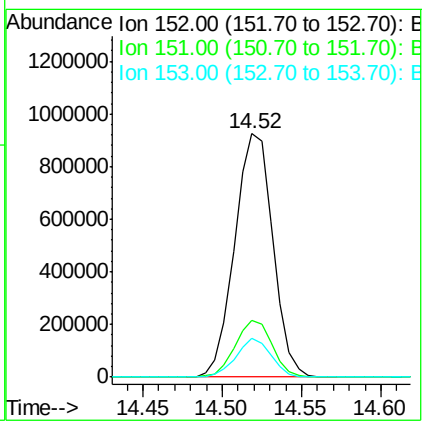


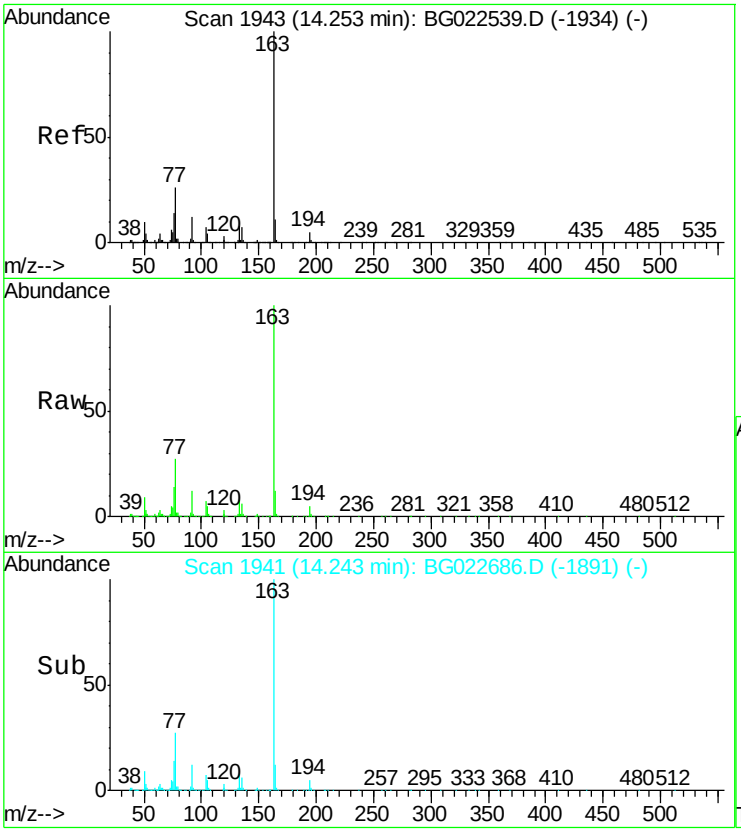




#48
Acenaphthylene
Concen: 40.82 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:152 Resp: 1541529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.3 | 17.6 | 26.4 |
| 153 | 15.7 | 11.4 | 17.2 |



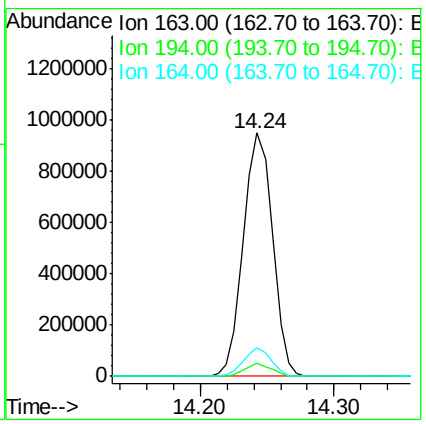


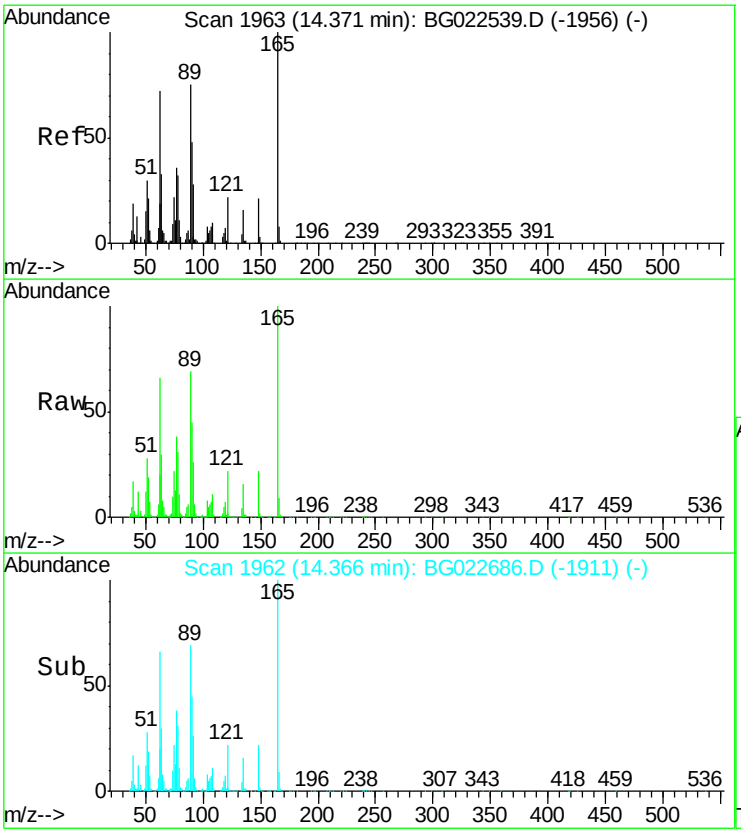

#49
Dimethylphthalate
Concen: 41.59 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:163 Resp: 1433105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.2 | 3.6 | 5.4 |
| 164 | 11.9 | 8.1 | 12.1 |

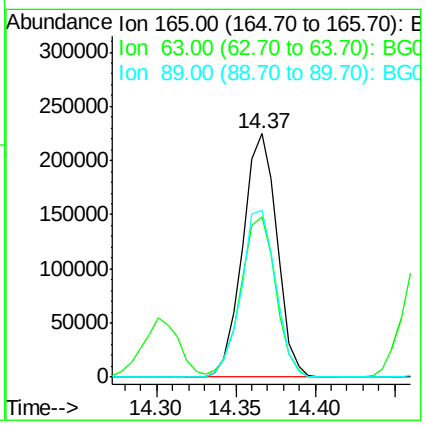


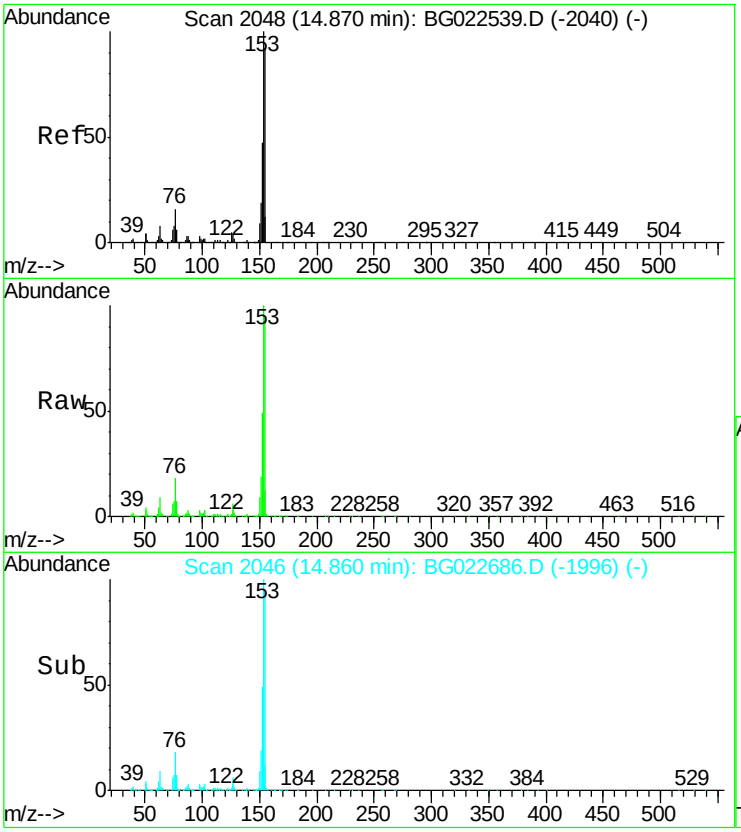




#50
2,6-Dinitrotoluene
Concen: 45.25 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:165 Resp: 338853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.1 | 64.3 | 96.5 |
| 89 | 68.8 | 64.3 | 96.5 |



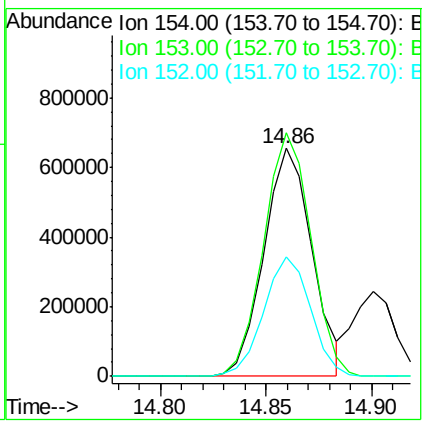


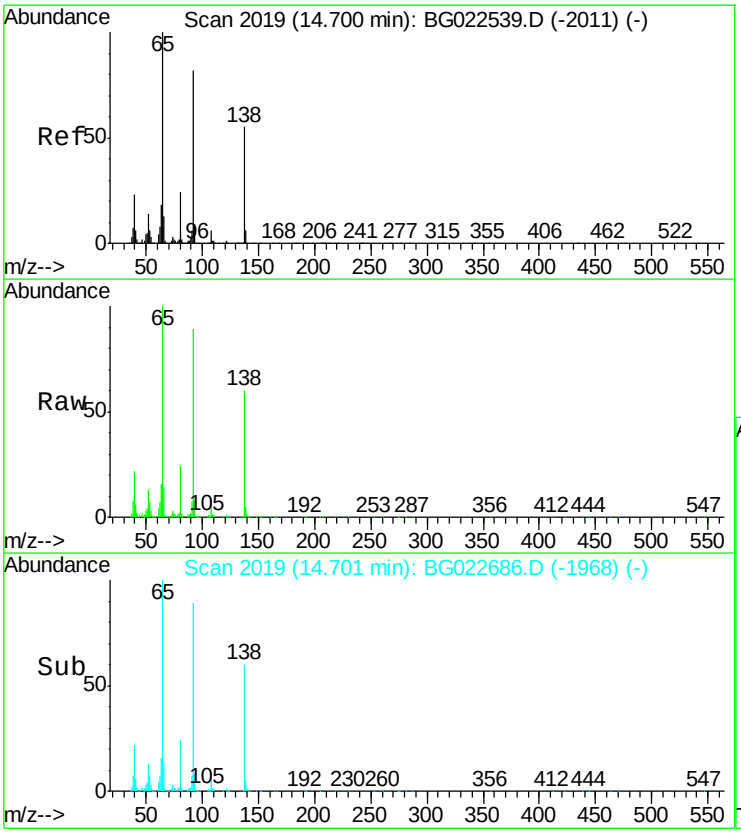

#51
Acenaphthene
Concen: 37.32 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:154 Resp: 1038314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 106.9 | 87.5 | 131.3 |
| 152 | 52.7 | 42.7 | 64.1 |

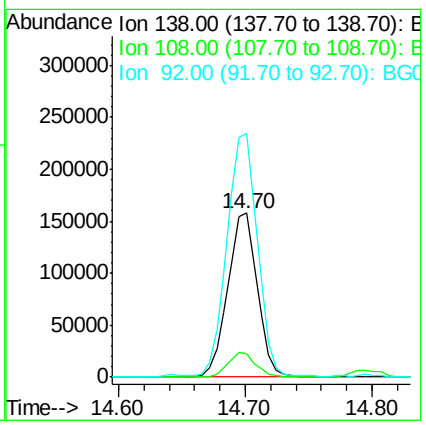


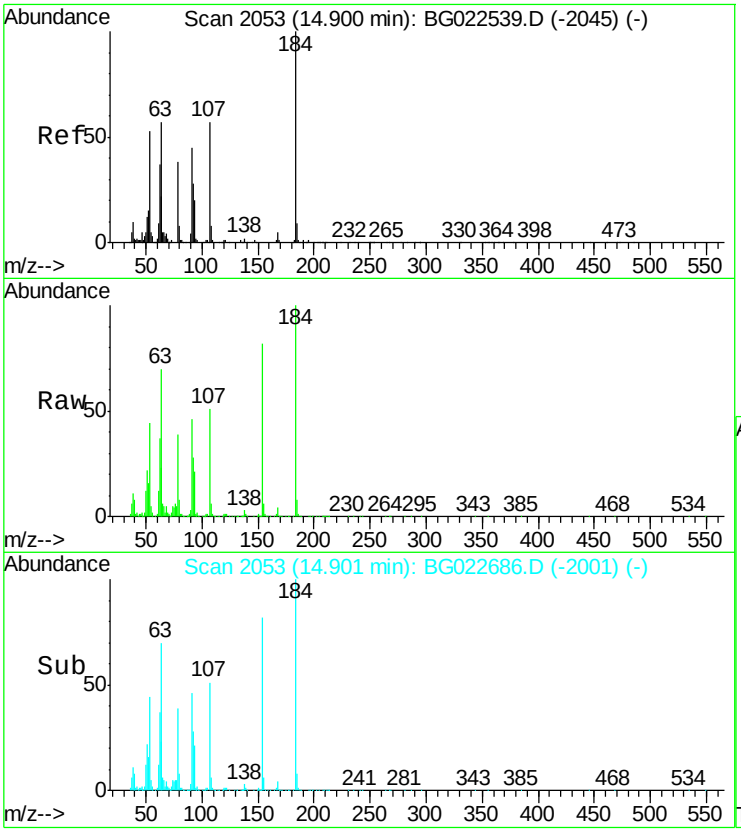




#52
3-Nitroaniline
Concen: 36.34 ng
RT: 14.70 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:138 Resp: 254614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.6 | 11.7 | 17.5 |
| 92 | 148.3 | 129.7 | 194.5 |



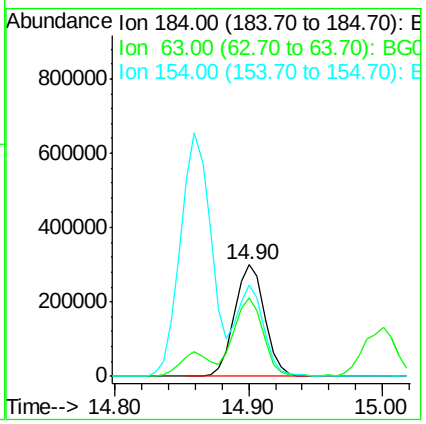


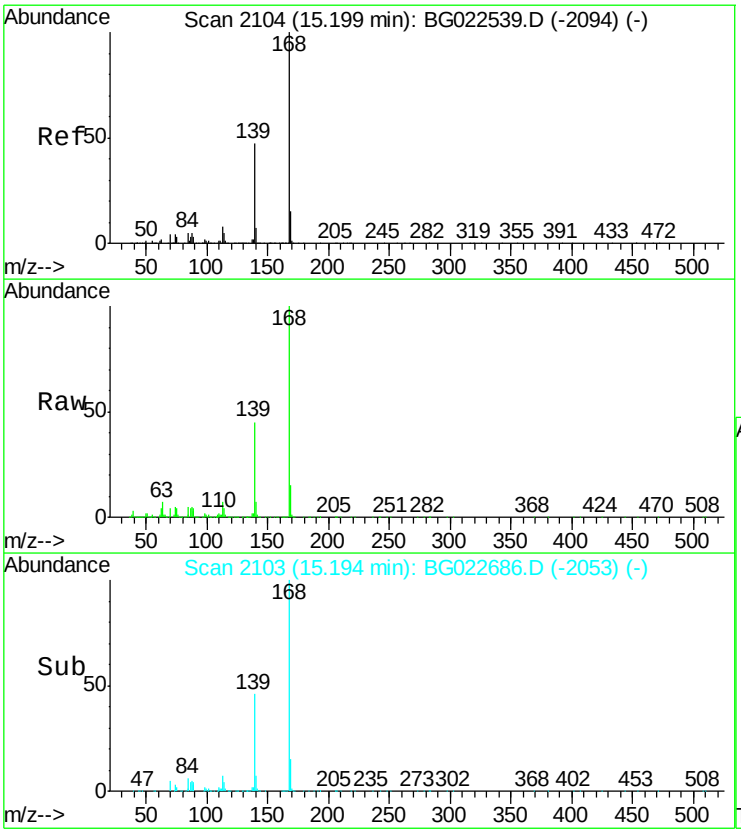

#53
2,4-Dinitrophenol
Concen: 102.85 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:184 Resp: 474360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 70.1 | 59.6 | 89.4 |
| 154 | 81.5 | 67.4 | 101.0 |

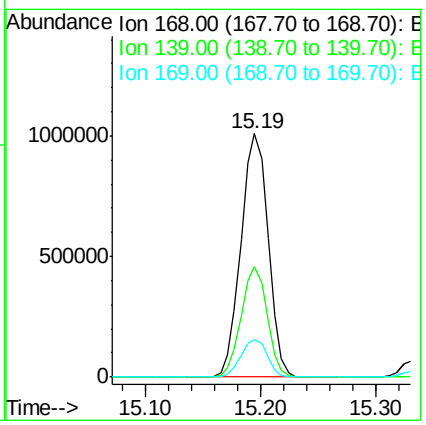


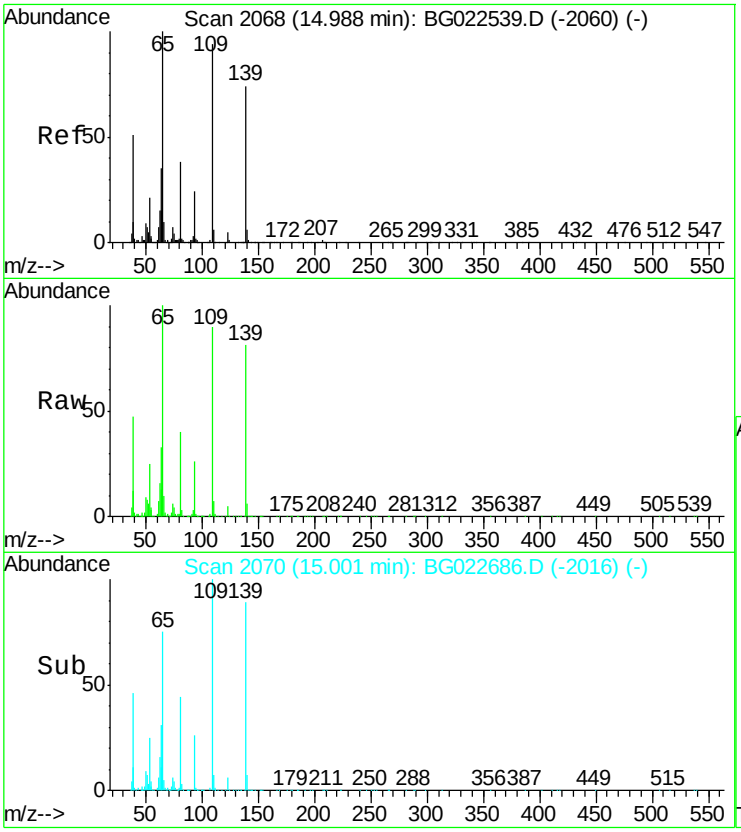




#54
Dibenzofuran
Concen: 40.99 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:168 Resp: 1651631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 45.2 | 36.4 | 54.6 |
| 169 | 15.2 | 11.9 | 17.9 |



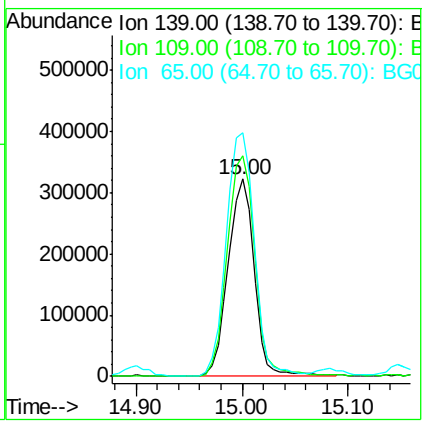


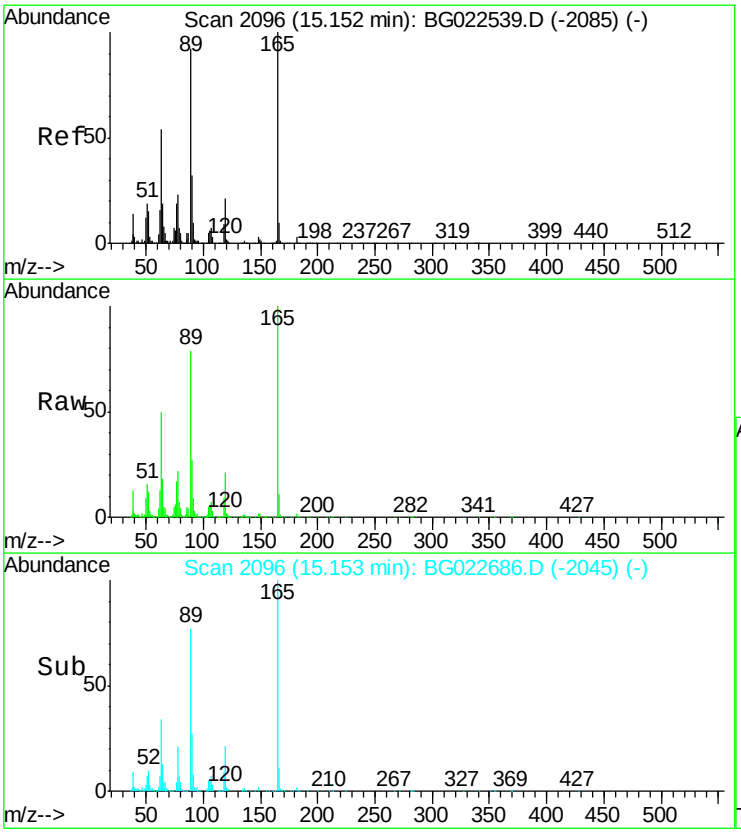

#55
4-Nitrophenol
Concen: 93.15 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:139 Resp: 551904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 111.5 | 103.0 | 143.0 |
| 65 | 123.3 | 112.7 | 152.7 |

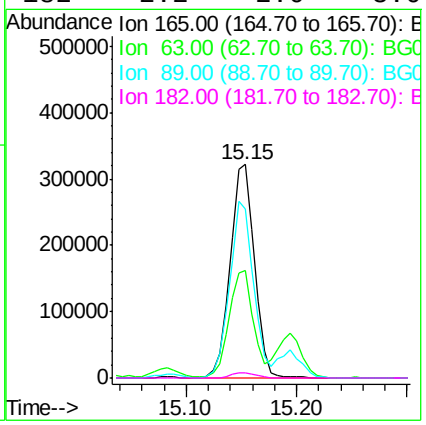


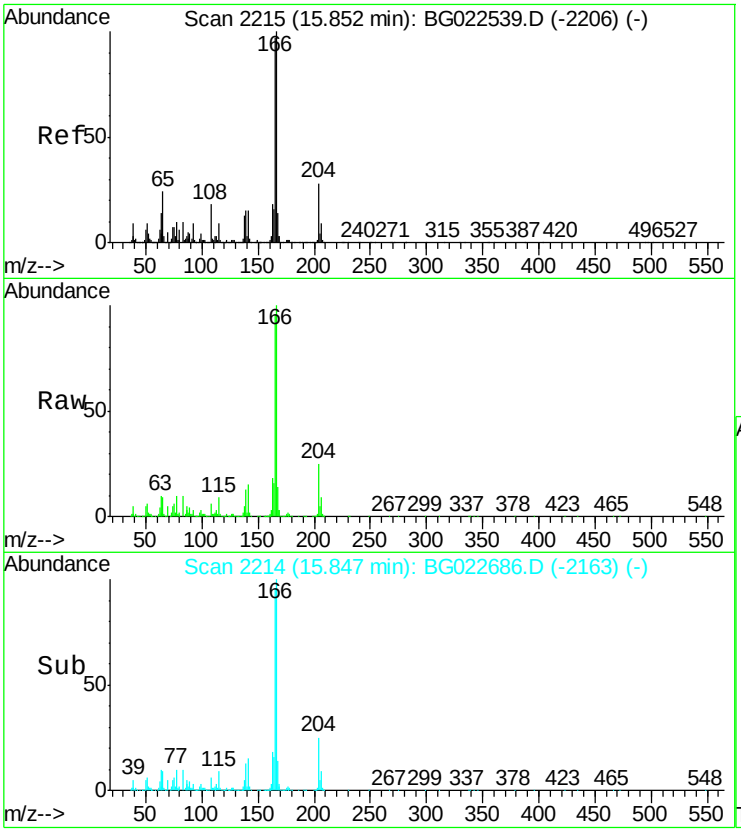




#56
2,4-Dinitrotoluene
Concen: 47.88 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:165 Resp: 496644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.4 | 45.8 | 68.6 |
| 89 | 79.1 | 68.6 | 102.8 |
| 182 | 2.2 | 2.0 | 3.0 |



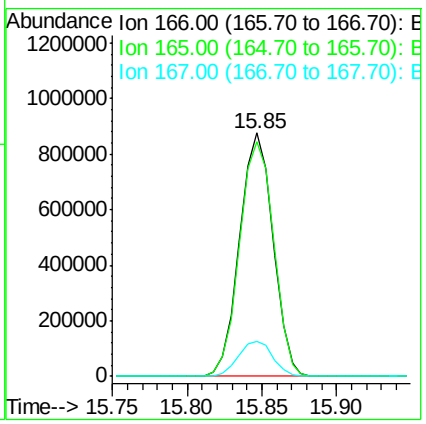


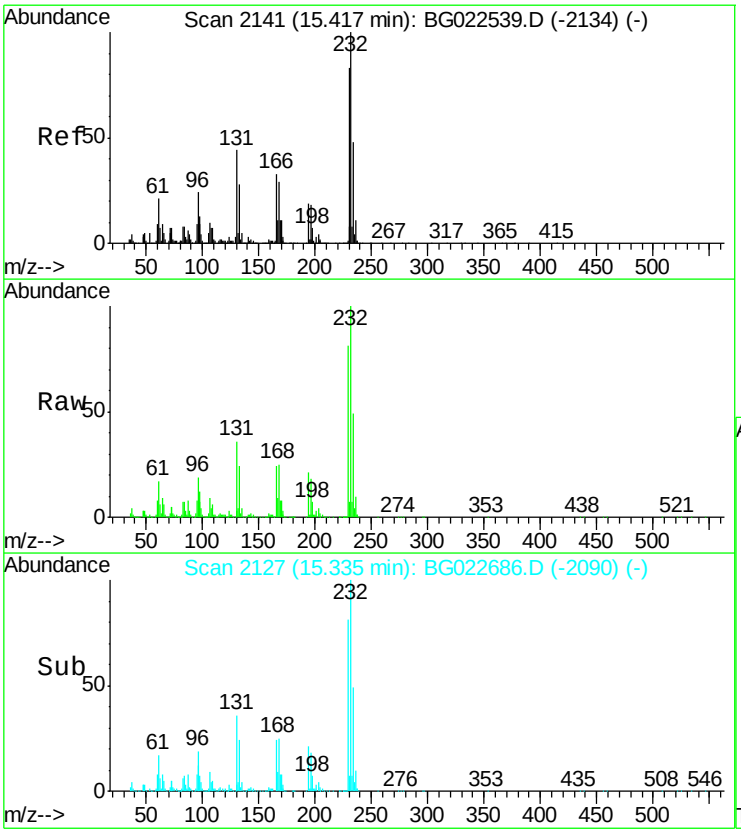

#57
Fluorene
Concen: 42.28 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:166 Resp: 1359553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.3 | 81.0 | 121.6 |
| 167 | 14.2 | 12.0 | 18.0 |

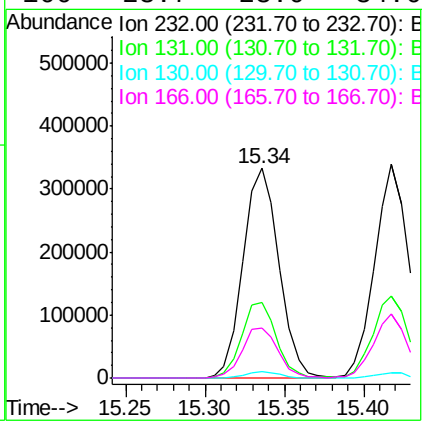


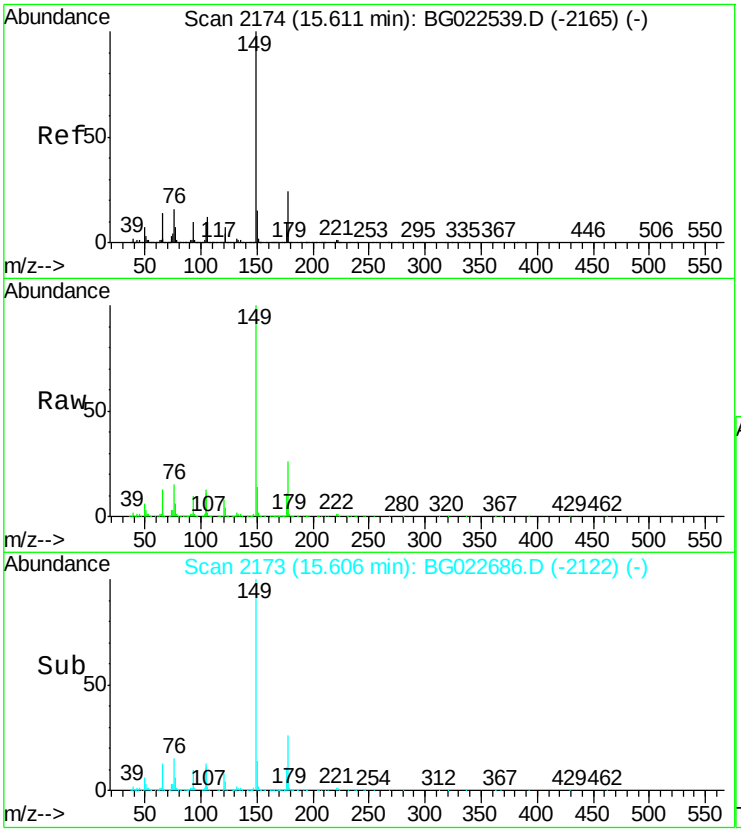




#58
2,3,4,6-Tetrachlorophenol
Concen: 48.11 ng
RT: 15.34 min Scan# 2127
Delta R.T. -0.08 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:232 Resp: 524856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 34.7 | 32.7 | 49.1 |
| 130 | 2.9 | 2.6 | 3.8 |
| 166 | 23.7 | 23.0 | 34.6 |



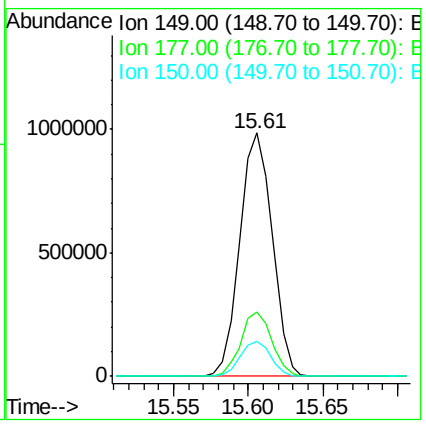


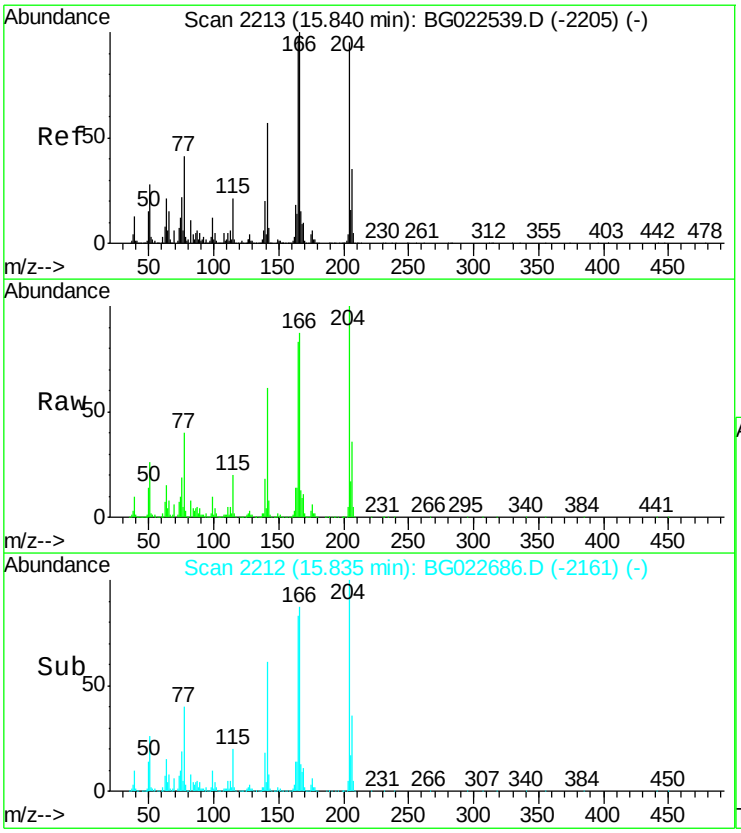

#59
Diethylphthalate
Concen: 41.84 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:149 Resp: 1482327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 26.2 | 19.2 | 28.8 |
| 150 | 14.2 | 10.6 | 16.0 |

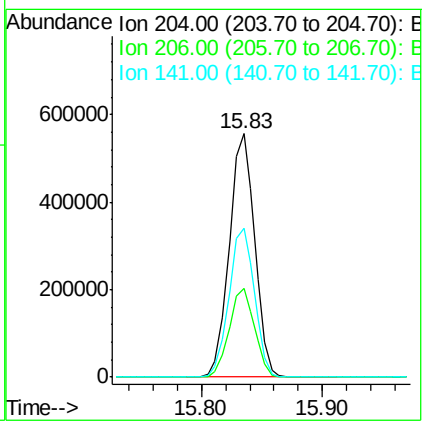


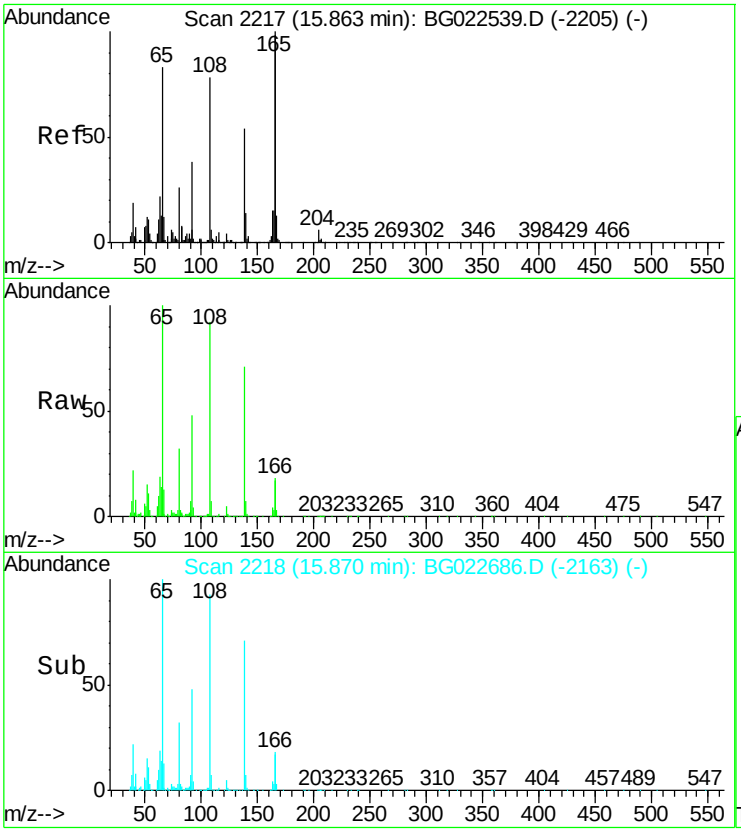




#60
4-Chlorophenyl-phenylether
Concen: 42.40 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:204 Resp: 811814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 36.5 | 28.5 | 42.7 |
| 141 | 61.0 | 51.4 | 77.0 |



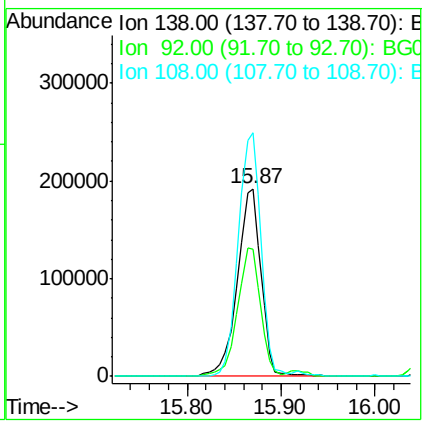


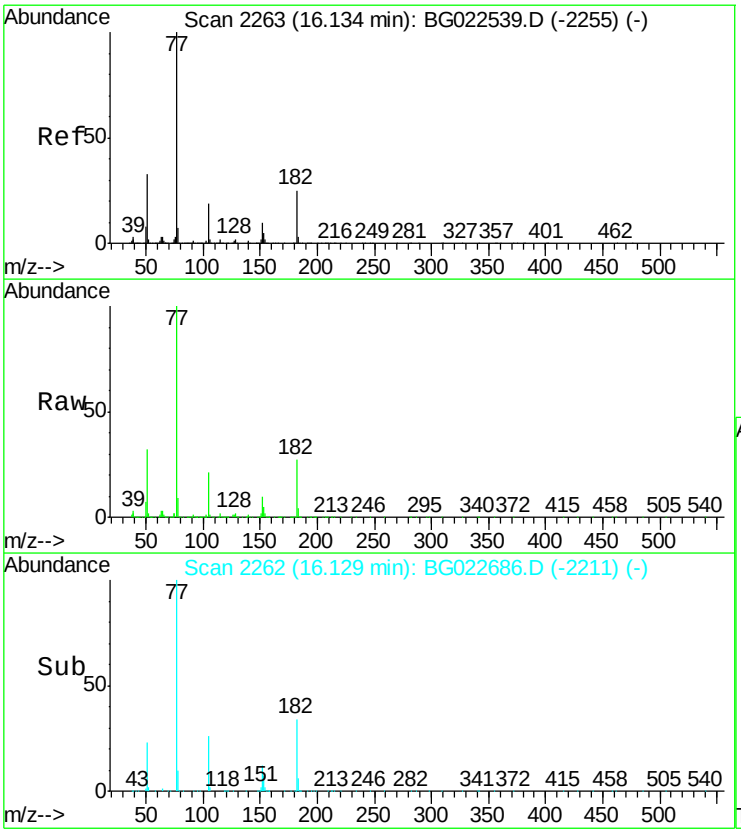

#61
4-Nitroaniline
Concen: 46.38 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:138 Resp: 335318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 67.6 | 54.1 | 94.1 |
| 108 | 130.0 | 133.9 | 173.9# |

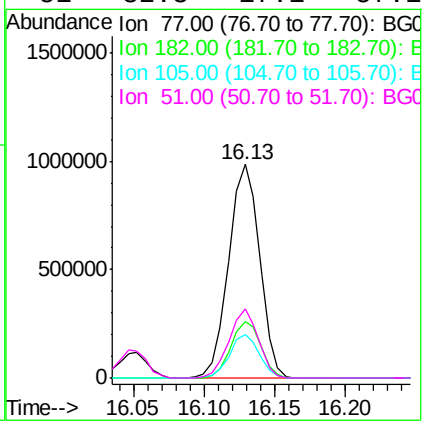


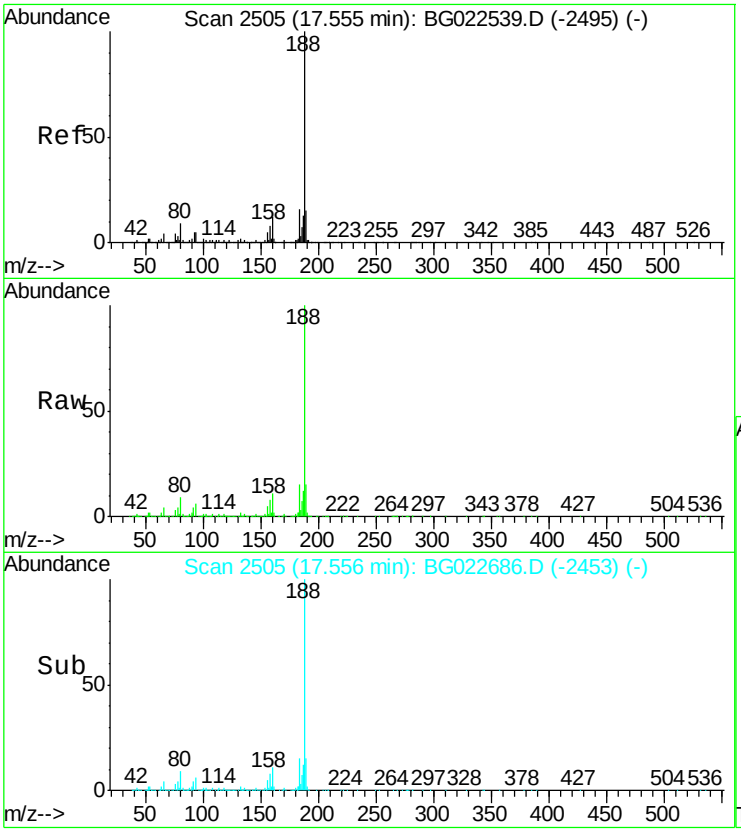




#62
Azobenzene
Concen: 39.09 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion: 77 Resp: 1499737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.7 | 3.5 | 43.5 |
| 105 | 20.6 | 0.0 | 38.5 |
| 51 | 32.3 | 17.1 | 57.1 |



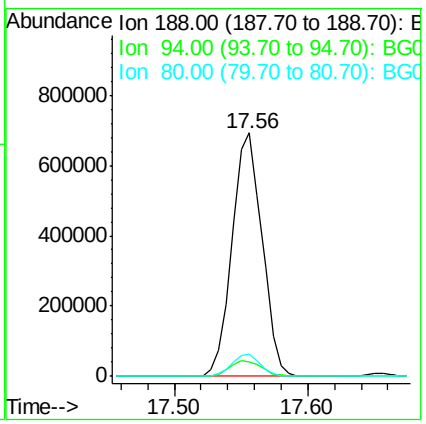


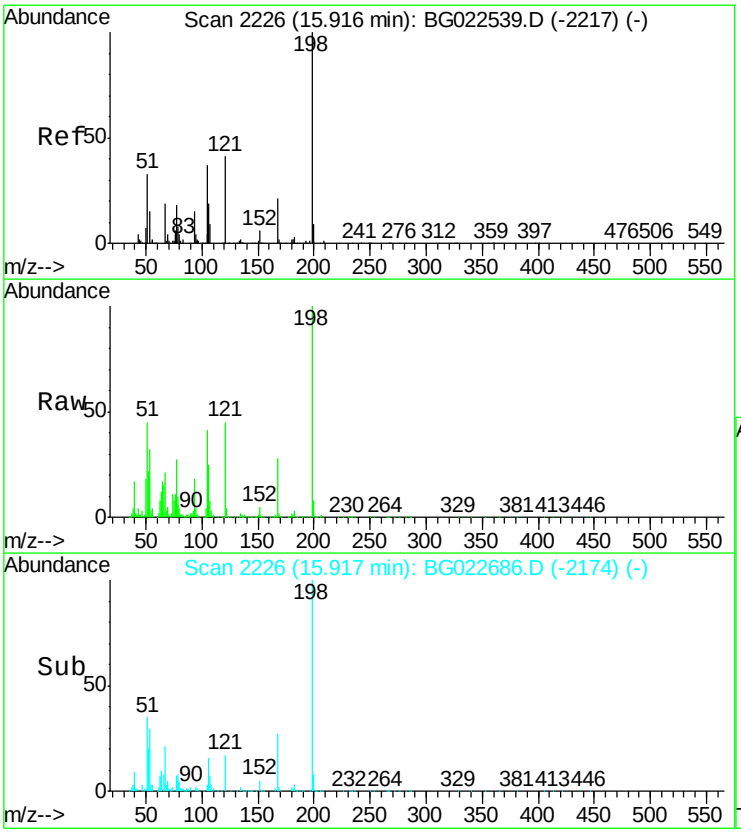

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:188 Resp: 1081782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.2 | 7.8 |
| 80 | 9.3 | 7.2 | 10.8 |

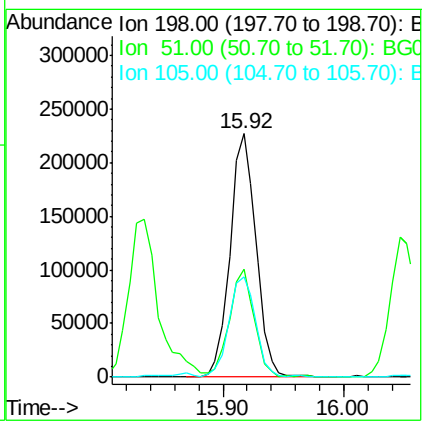


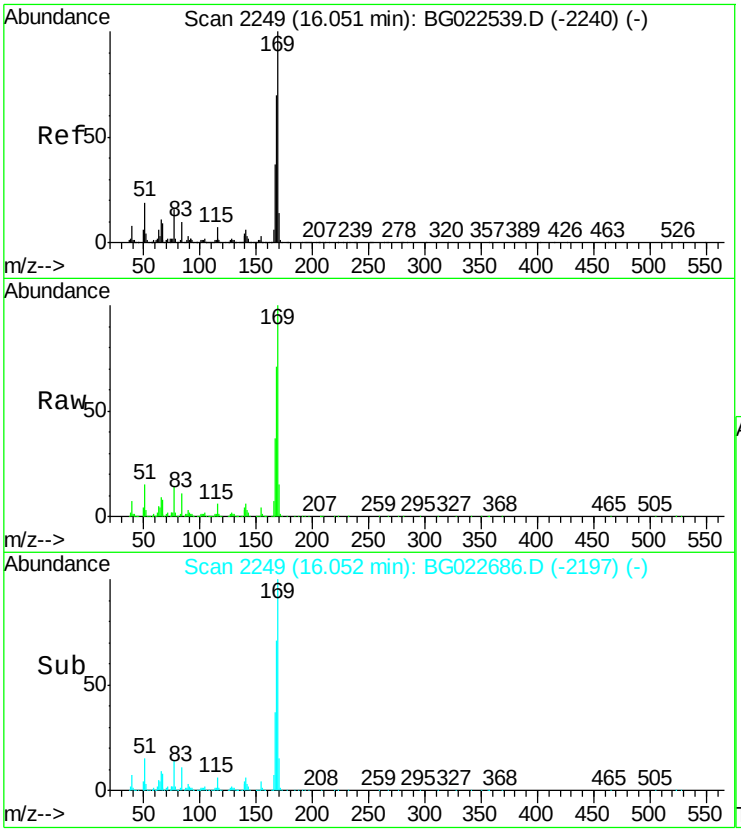




#64
4,6-Dinitro-2-methylphenol
Concen: 46.81 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:198 Resp: 339576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 44.6 | 26.0 | 66.0 |
| 105 | 41.0 | 20.1 | 60.1 |



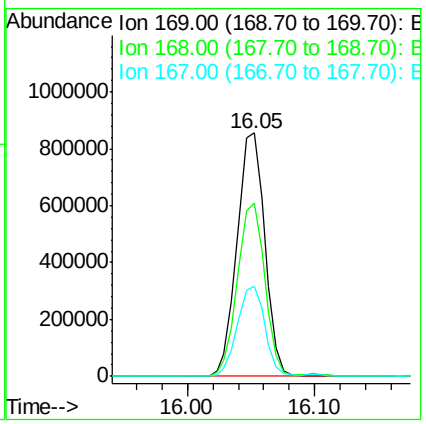


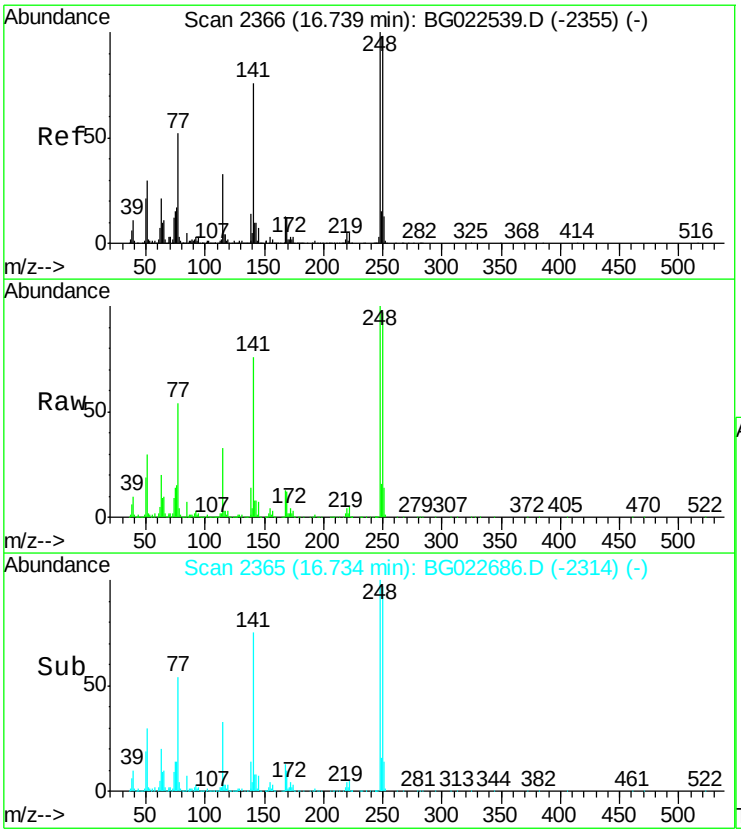

#65
n-Nitrosodiphenylamine
Concen: 41.23 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:169 Resp: 1297995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 71.3 | 55.0 | 82.4 |
| 167 | 37.0 | 27.4 | 41.0 |

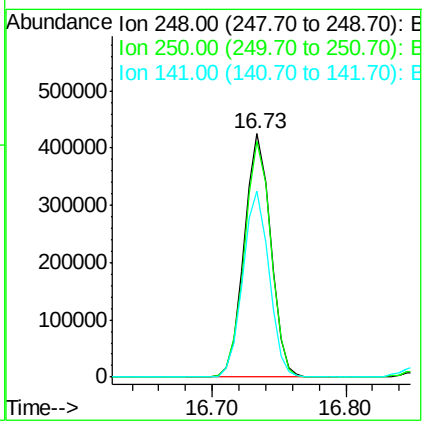


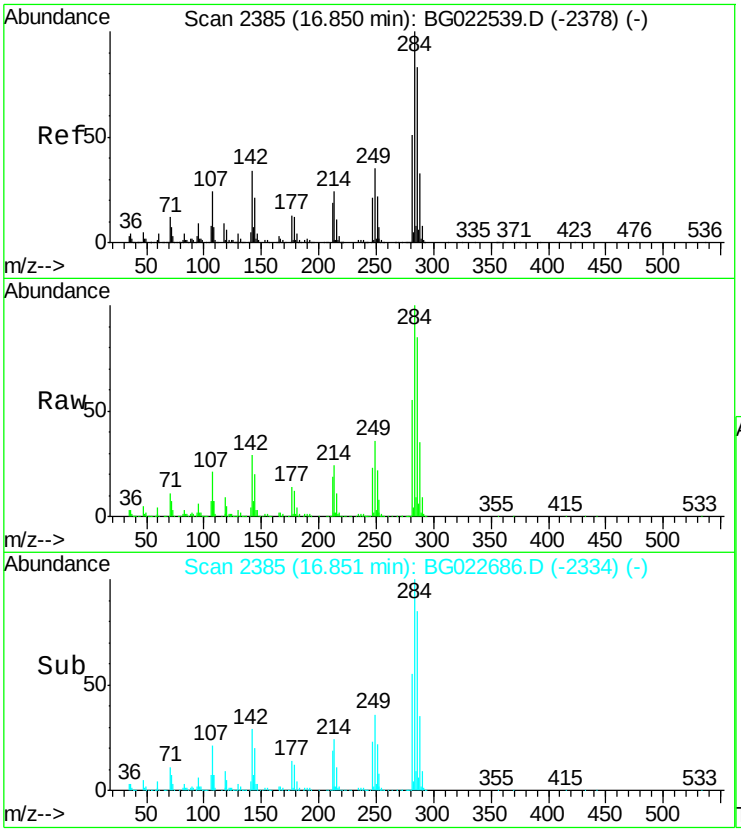




#66
4-Bromophenyl-phenylether
Concen: 41.24 ng
RT: 16.73 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:248 Resp: 578753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.9 | 77.8 | 116.8 |
| 141 | 76.2 | 65.7 | 98.5 |



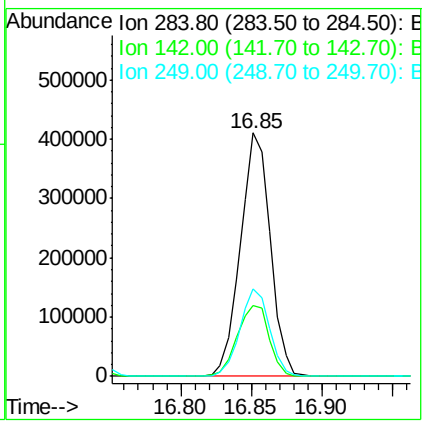


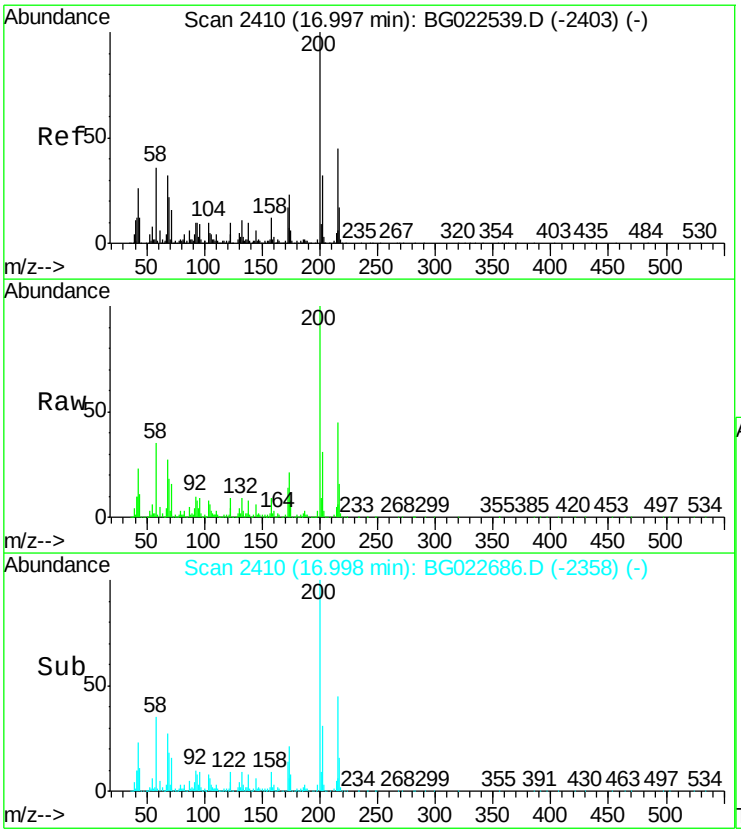

#67
Hexachlorobenzene
Concen: 41.01 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:284 Resp: 608536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.1 | 26.8 | 40.2 |
| 249 | 35.7 | 28.9 | 43.3 |

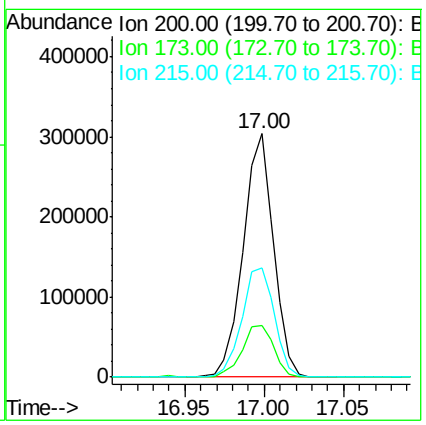


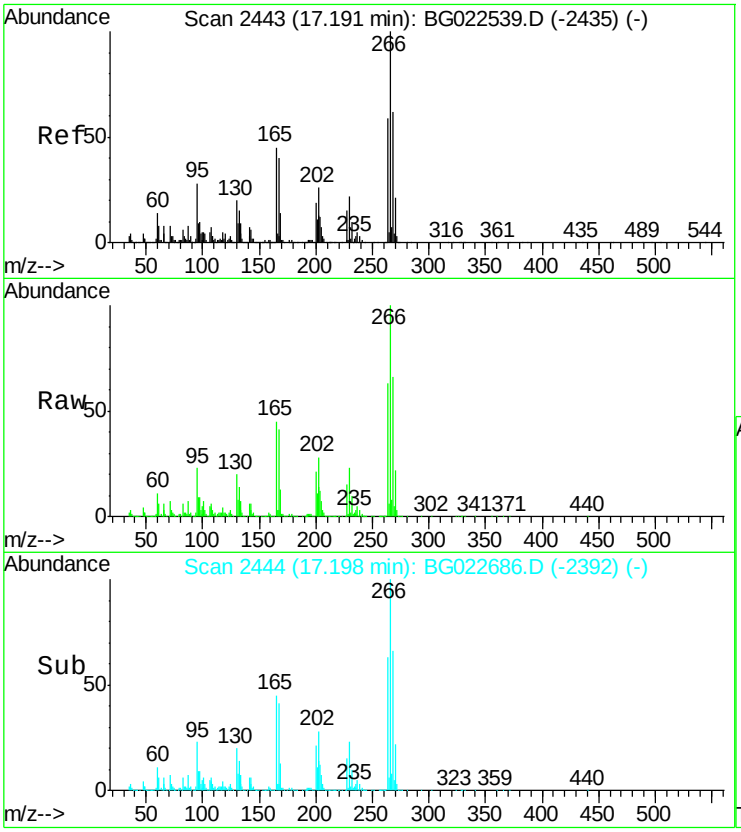




#68
Atrazine
Concen: 30.32 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:200 Resp: 402941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.2 | 1.6 | 41.6 |
| 215 | 44.9 | 28.7 | 68.7 |



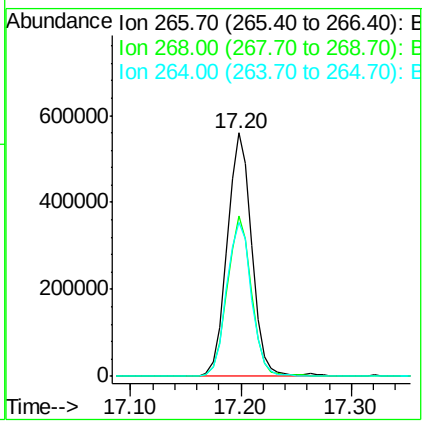


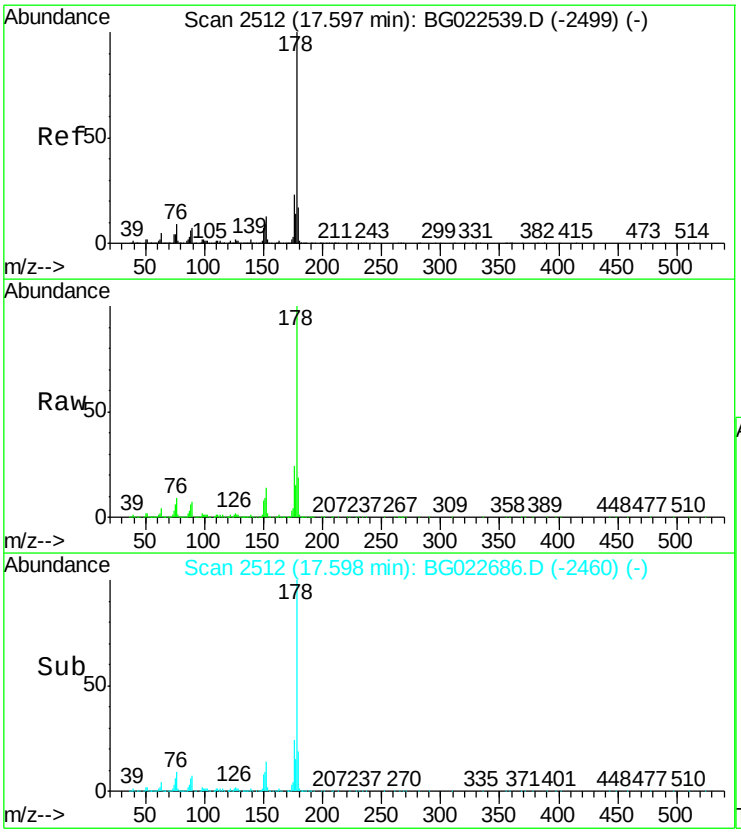

#69
Pentachlorophenol
Concen: 85.74 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:266 Resp: 875625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.0 | 51.9 | 77.9 |
| 264 | 63.1 | 50.6 | 75.8 |

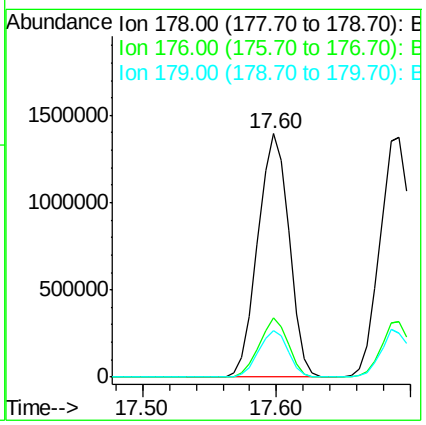


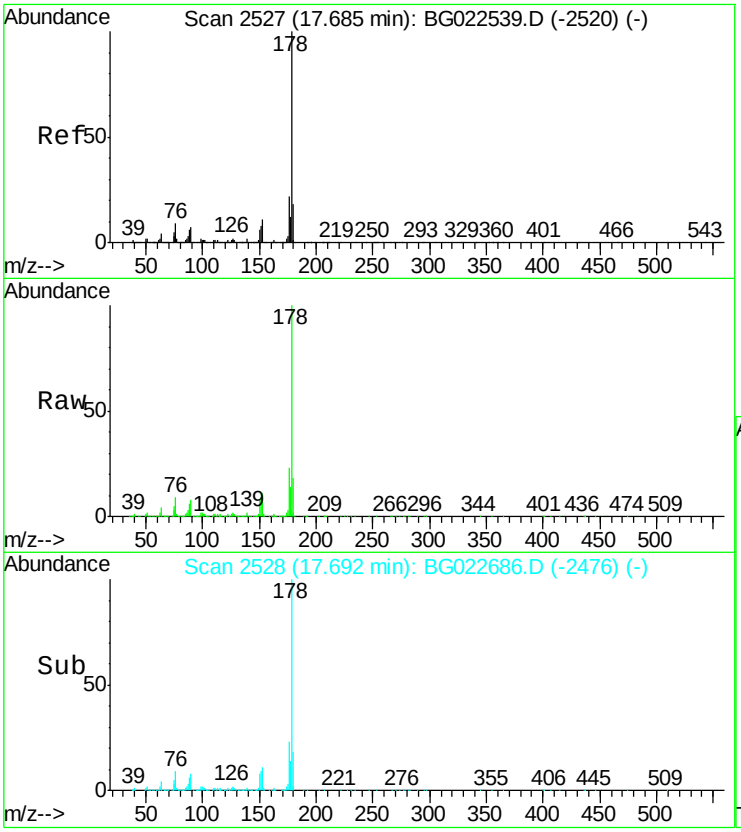




#70
Phenanthrene
Concen: 40.90 ng
RT: 17.60 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:178 Resp: 2256209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.4 | 16.8 | 25.2 |
| 179 | 19.1 | 14.3 | 21.5 |



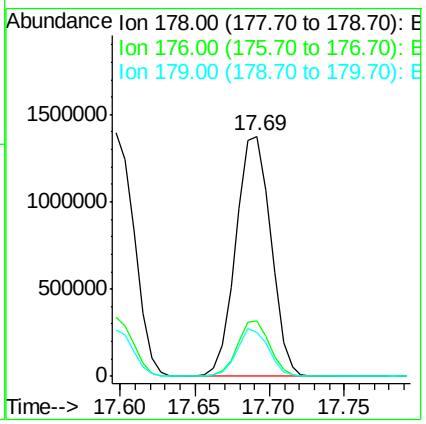


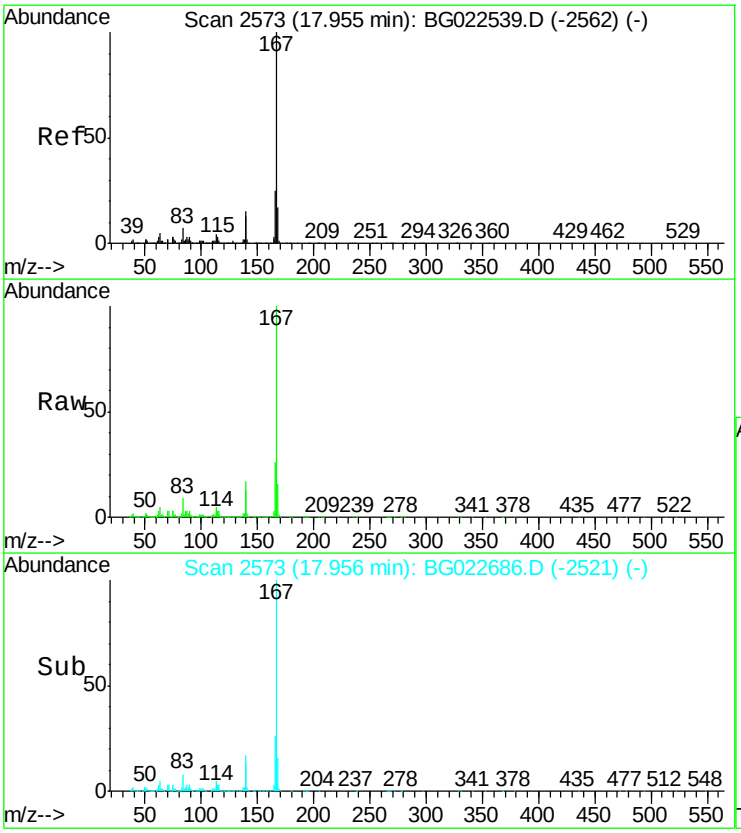

#71
Anthracene
Concen: 39.39 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:178 Resp: 2236351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.9 | 17.3 | 25.9 |
| 179 | 18.3 | 14.0 | 21.0 |

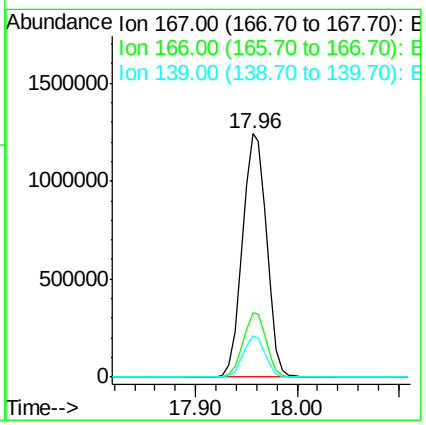


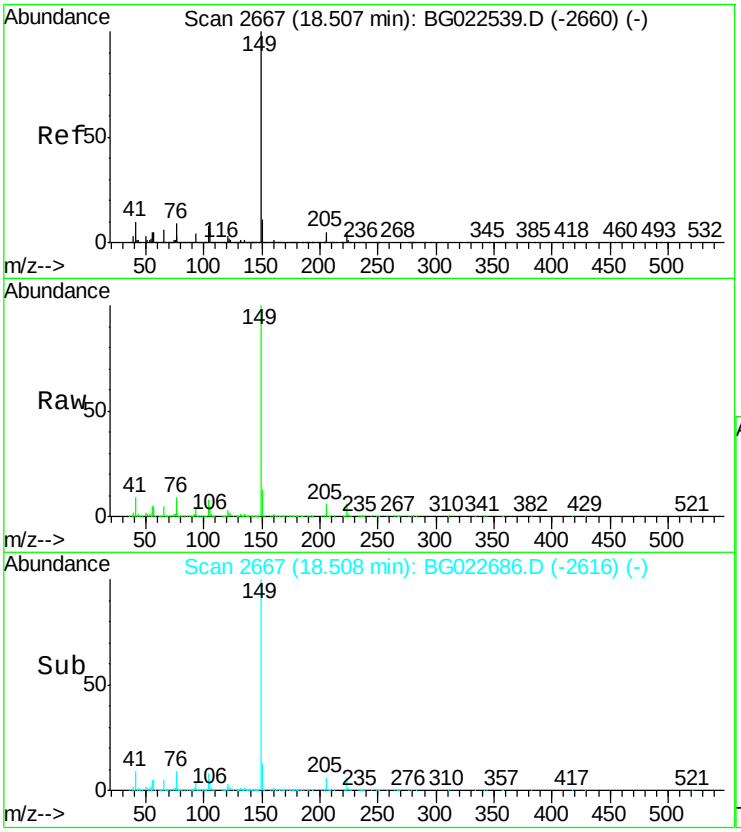




#72
Carbazole
Concen: 42.48 ng
RT: 17.96 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:167 Resp: 2044397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 26.5 | 20.7 | 31.1 |
| 139 | 16.8 | 11.9 | 17.9 |



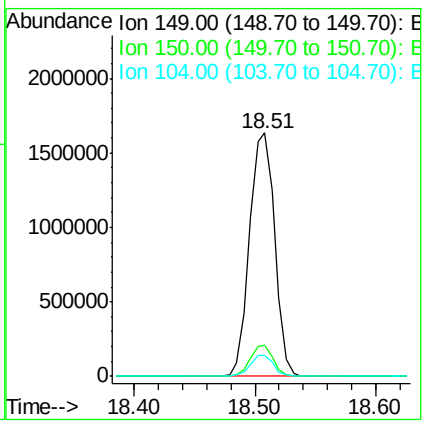


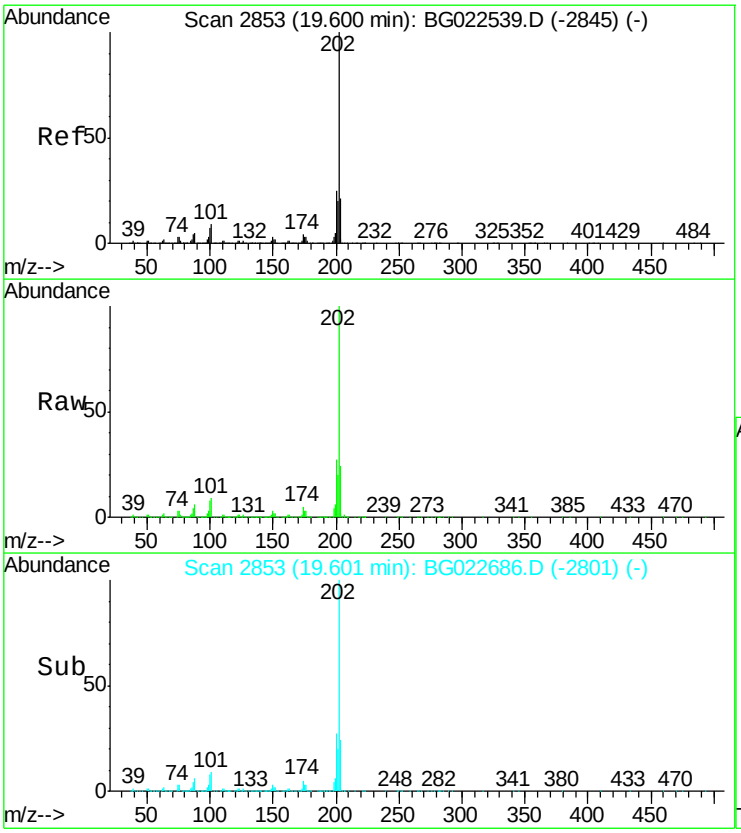

#73
Di-n-butylphthalate
Concen: 42.33 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:149 Resp: 2372400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 12.6 | 9.1 | 13.7 |
| 104 | 8.5 | 6.9 | 10.3 |

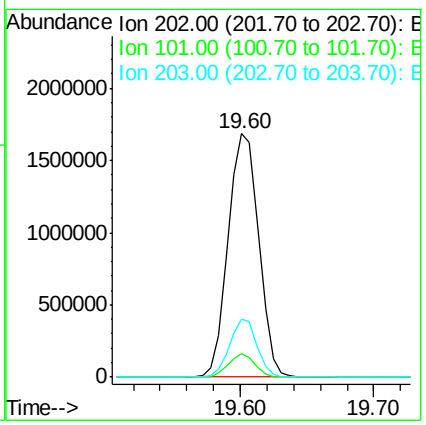


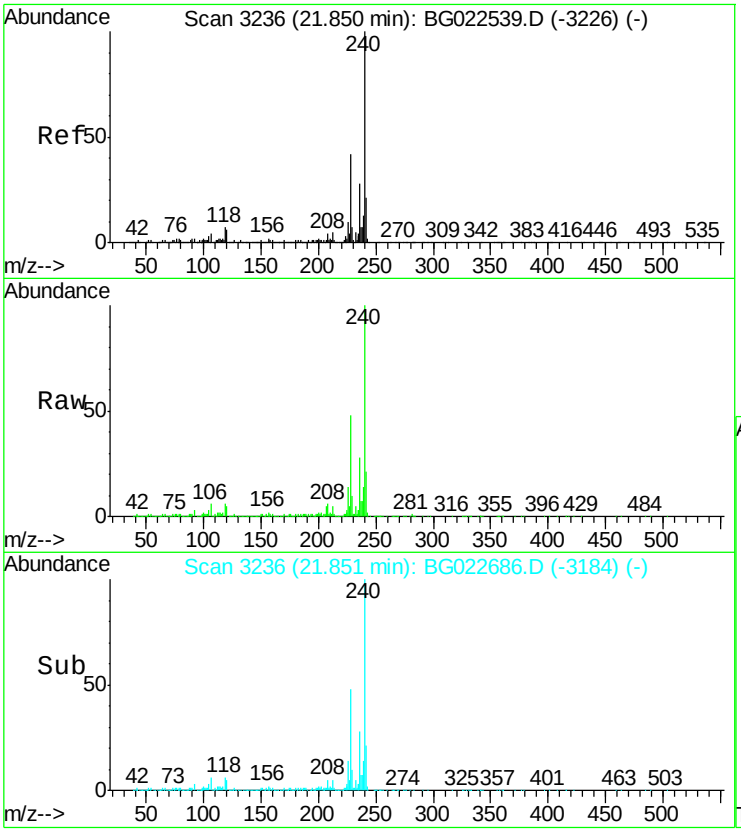




#74
Fluoranthene
Concen: 42.37 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:202 Resp: 2692650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.4 | 0.0 | 27.4 |
| 203 | 23.8 | 1.7 | 41.7 |



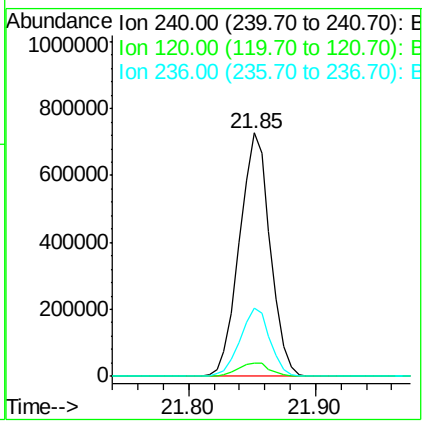


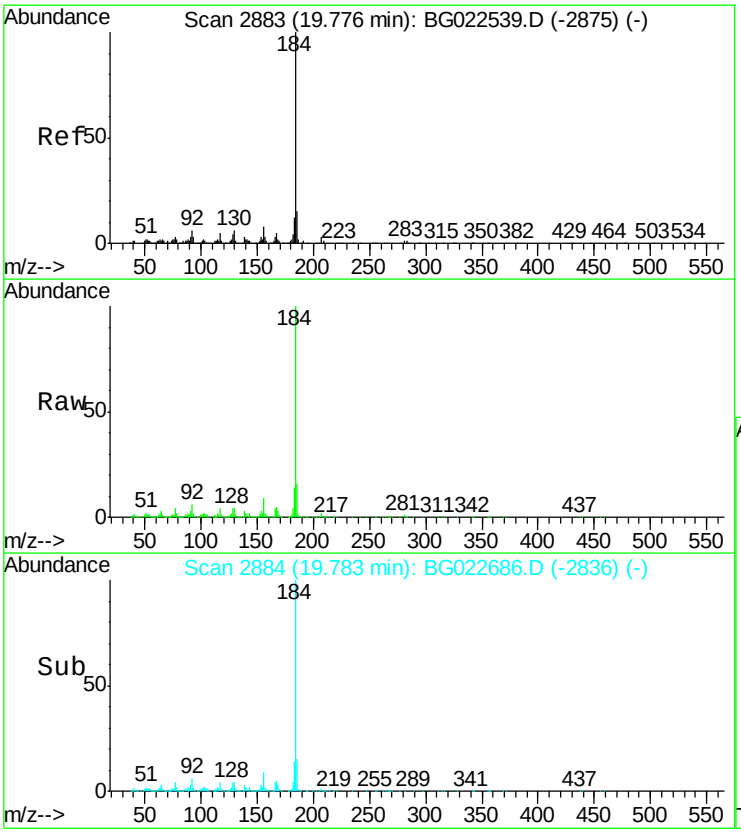

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:240 Resp: 1219002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 4.1 | 6.1 |
| 236 | 28.0 | 21.1 | 31.7 |

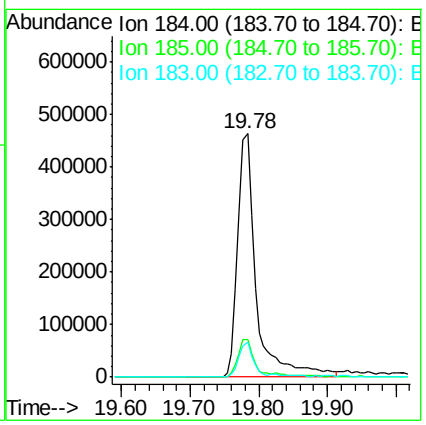


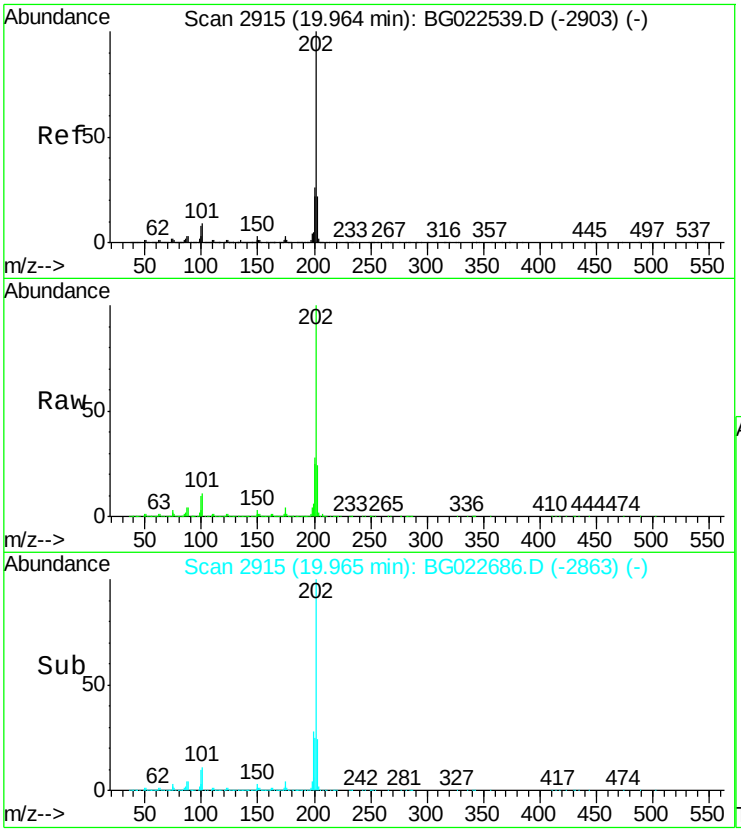




#76
Benzidine
Concen: 66.74 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:184 Resp: 866111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 12.6 | 19.0 |
| 183 | 14.4 | 10.7 | 16.1 |



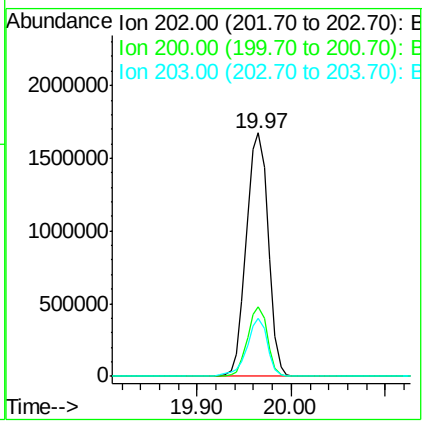


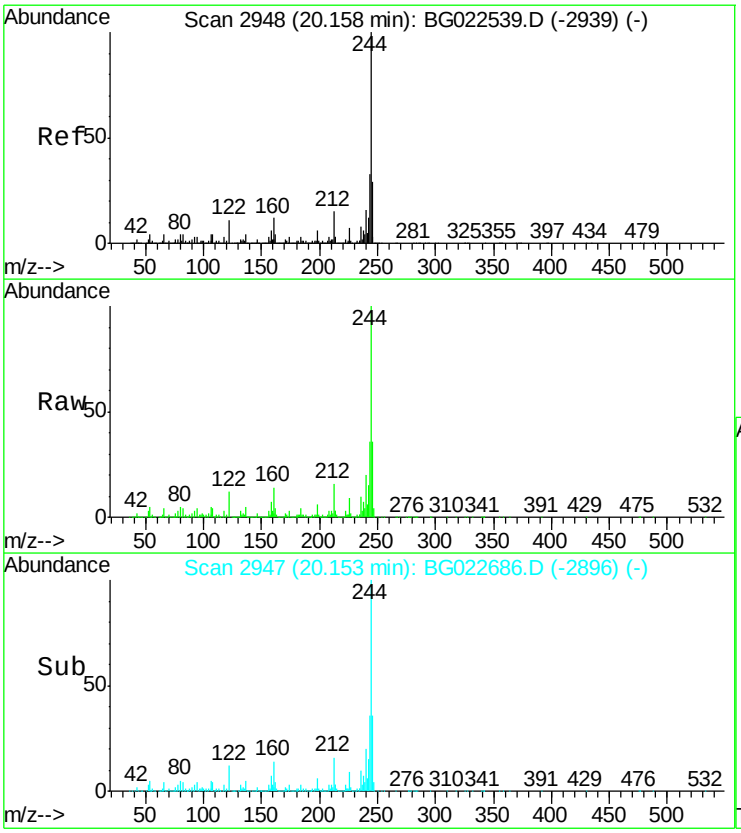

#77
Pyrene
Concen: 41.79 ng
RT: 19.97 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:202 Resp: 2713147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 28.4 | 21.2 | 31.8 |
| 203 | 23.7 | 16.8 | 25.2 |

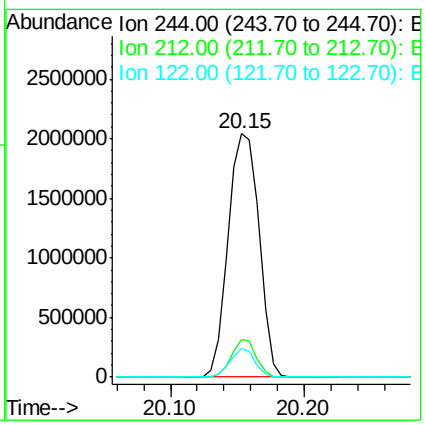


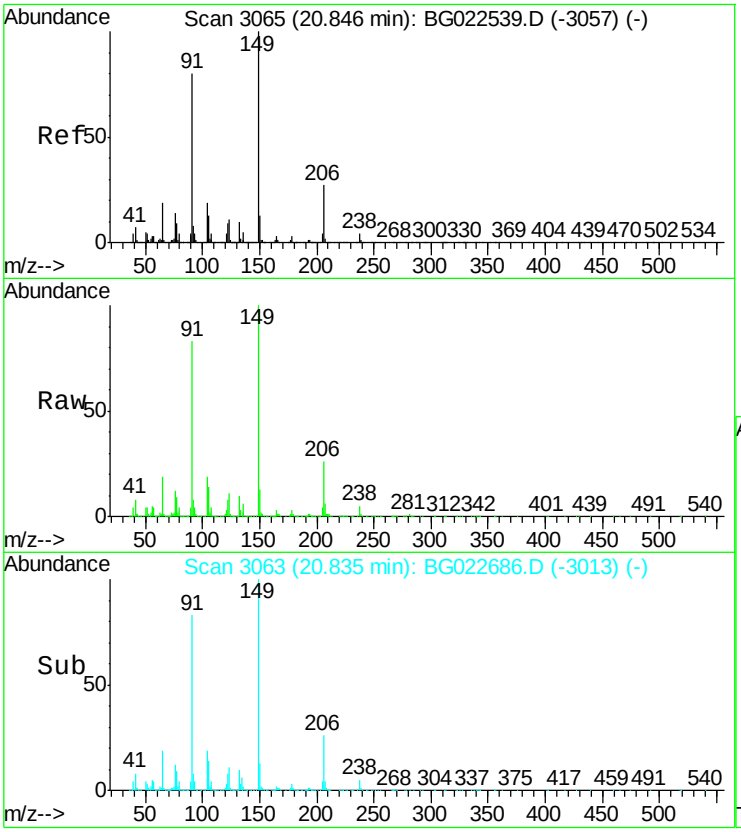




#78
Terphenyl-d14
Concen: 71.53 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:244 Resp: 3291053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 15.6 | 10.8 | 16.2 |
| 122 | 11.9 | 8.0 | 12.0 |



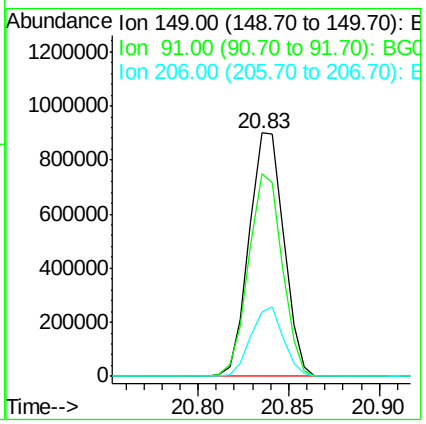


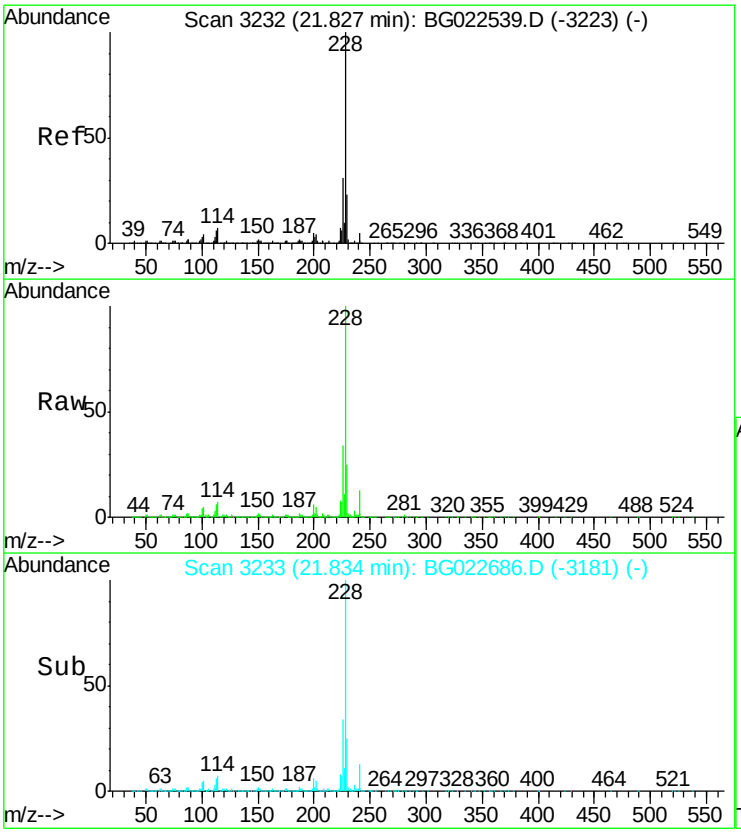

#79
Butylbenzylphthalate
Concen: 42.72 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:149 Resp: 1200622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 83.3 | 68.1 | 102.1 |
| 206 | 26.5 | 19.8 | 29.6 |

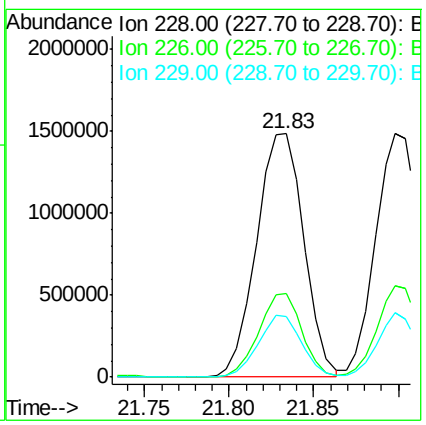


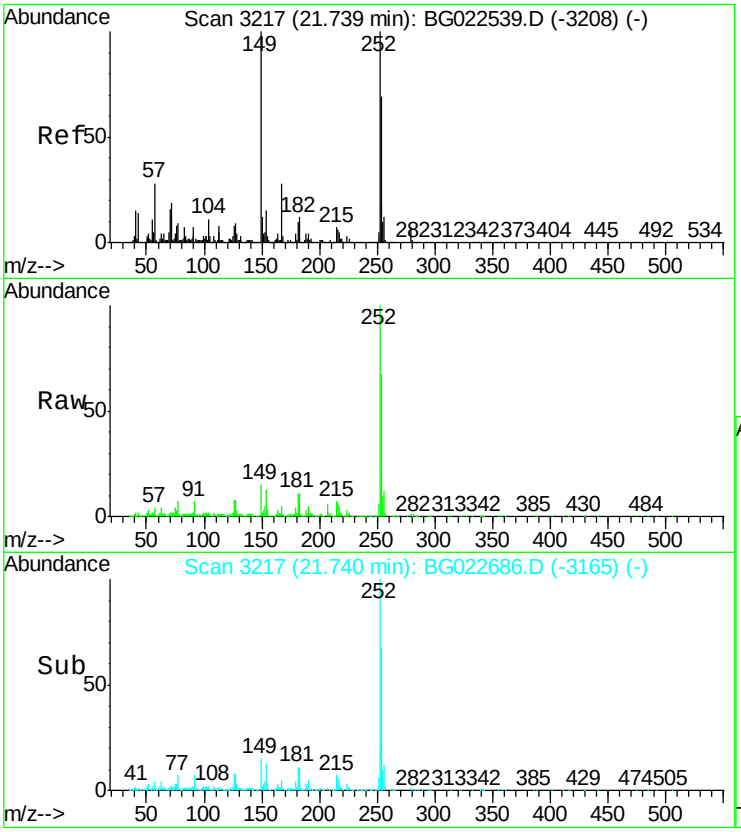




#80
Benzo(a)anthracene
Concen: 42.85 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:228 Resp: 2890113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.2 | 25.3 | 37.9 |
| 229 | 25.0 | 19.9 | 29.9 |



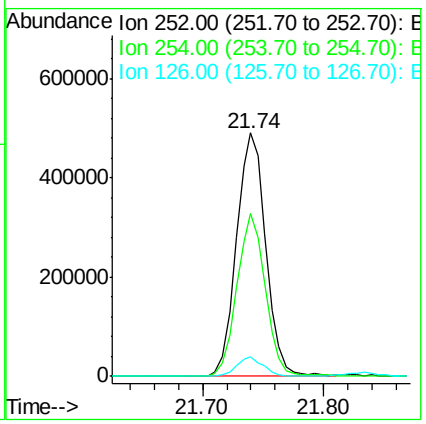


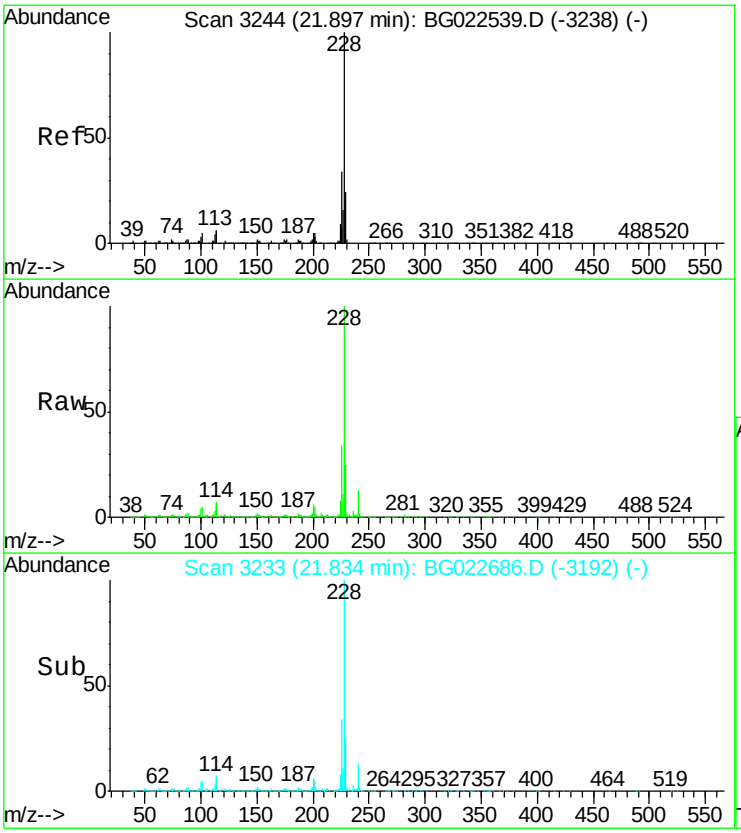

#81
3,3'-Dichlorobenzidine
Concen: 29.73 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:252 Resp: 828219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.2 | 51.2 | 76.8 |
| 126 | 7.9 | 5.3 | 7.9# |

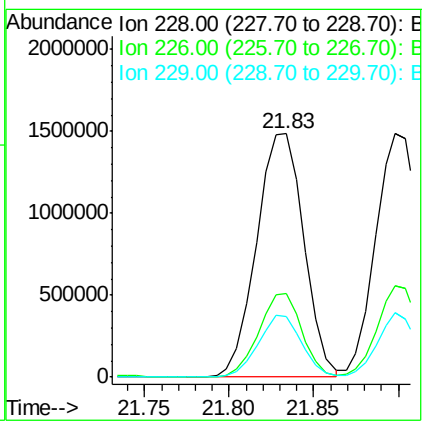


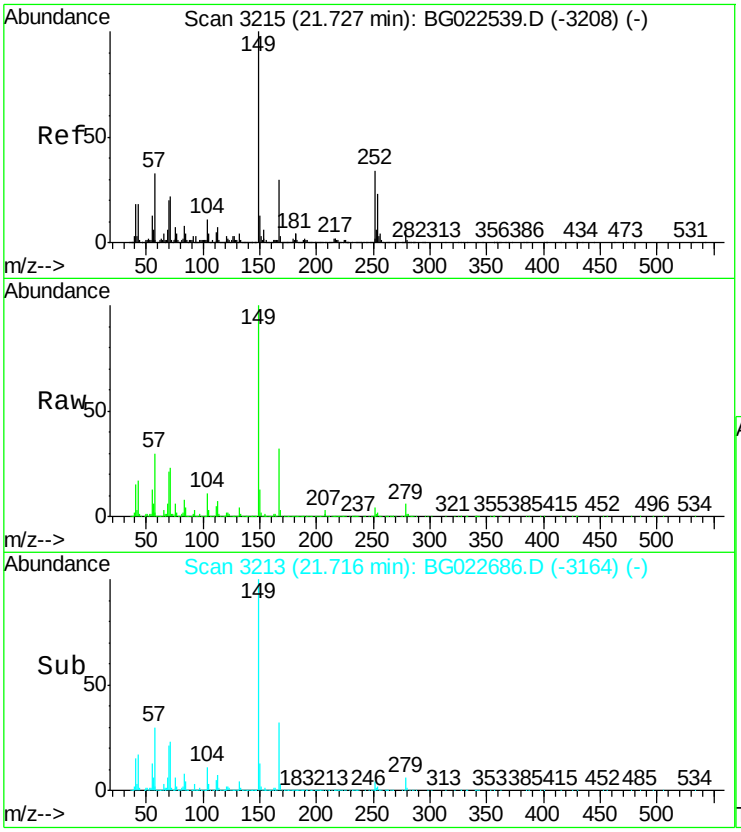




#82
Chrysene
Concen: 45.60 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.06 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:228 Resp: 2890113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.2 | 26.7 | 40.1 |
| 229 | 25.0 | 17.4 | 26.2 |



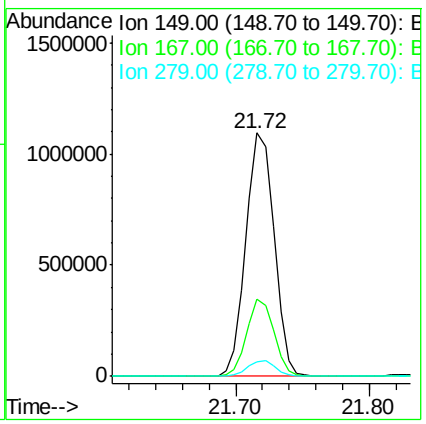


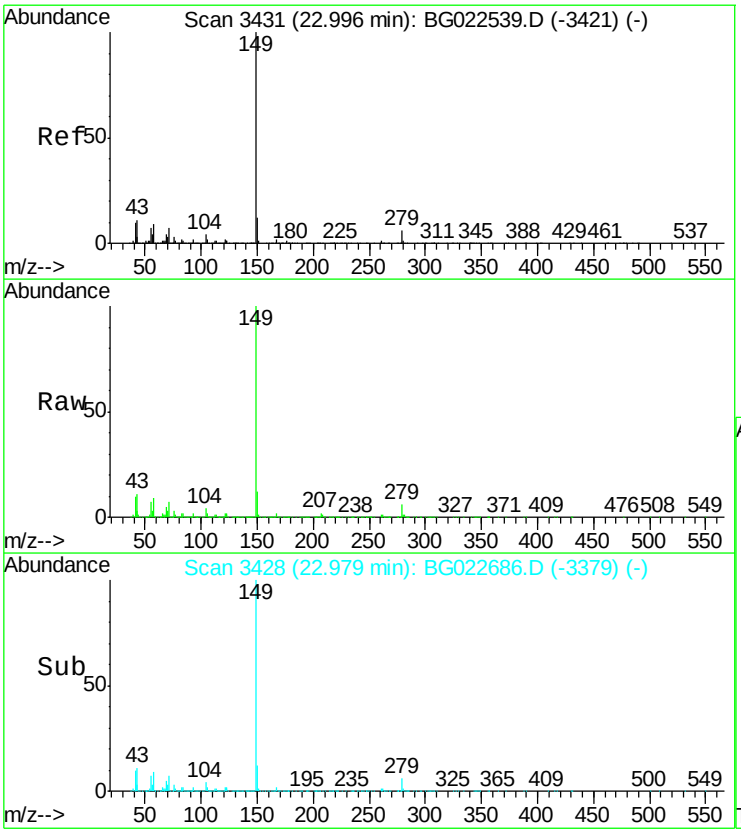

#83
Bis(2-ethylhexyl)phthalate
Concen: 40.27 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:149 Resp: 1593718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 31.7 | 24.0 | 36.0 |
| 279 | 6.1 | 4.8 | 7.2 |

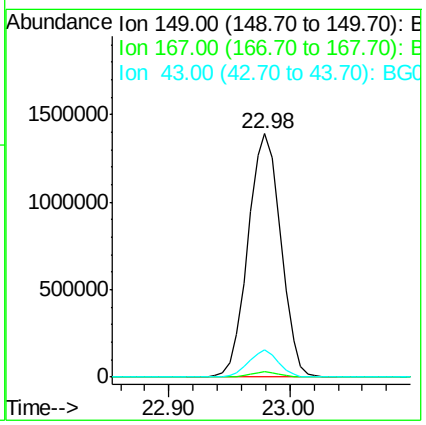


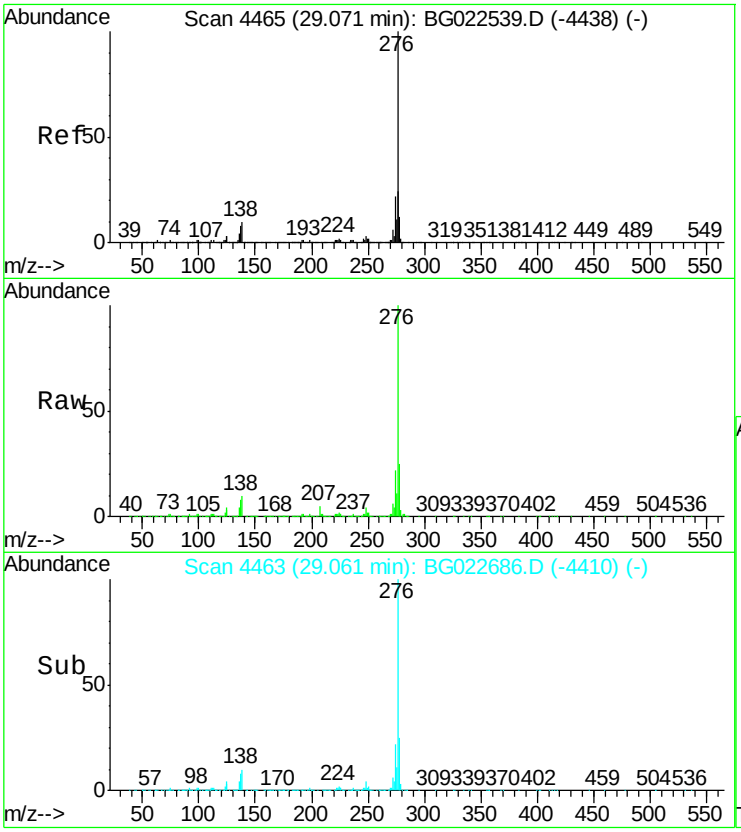




#84
Di-n-octyl phthalate
Concen: 40.28 ng
RT: 22.98 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:149 Resp: 2627276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.0 | 1.5 | 2.3 |
| 43 | 10.1 | 8.8 | 13.2 |



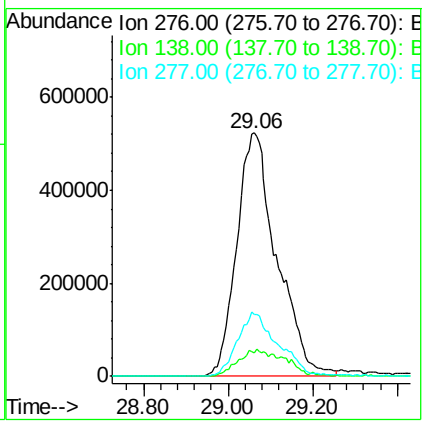


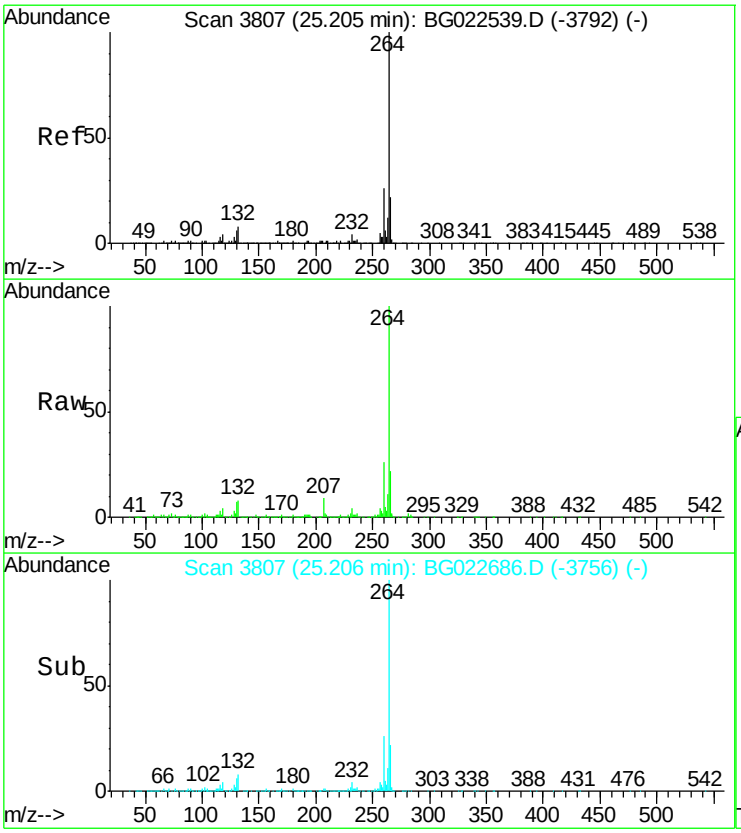

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.33 ng
RT: 29.06 min Scan# 4463
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:276 Resp: 3442178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 7.8 | 0.0 | 0.0# |
| 277 | 26.4 | 0.0 | 0.0# |

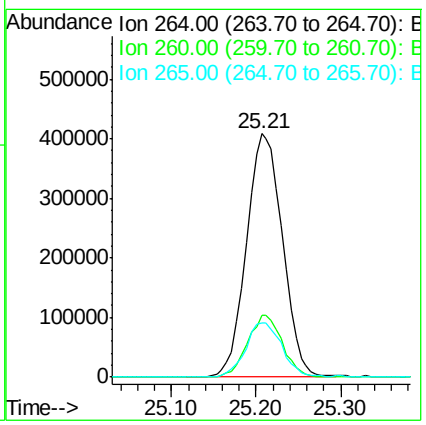


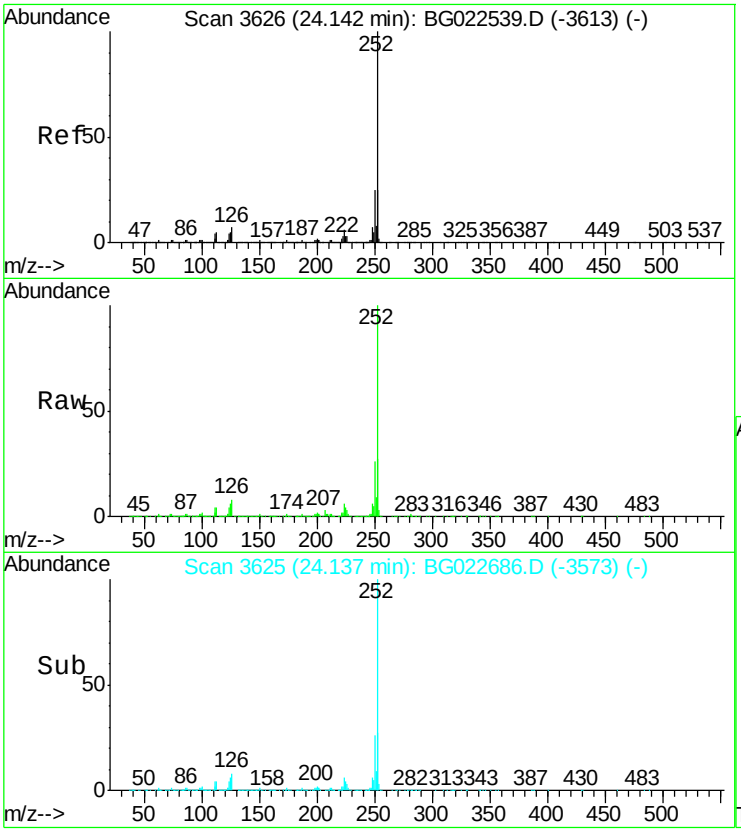




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:264 Resp: 1210428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 18.4 | 27.6 |
| 265 | 22.3 | 18.9 | 28.3 |



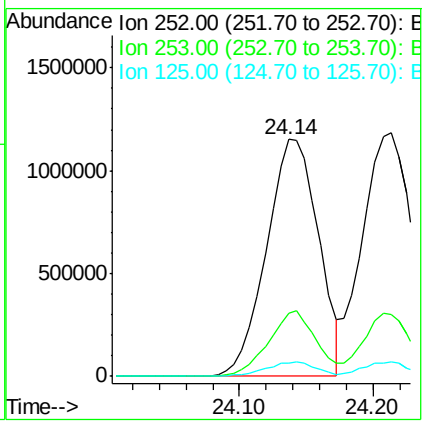


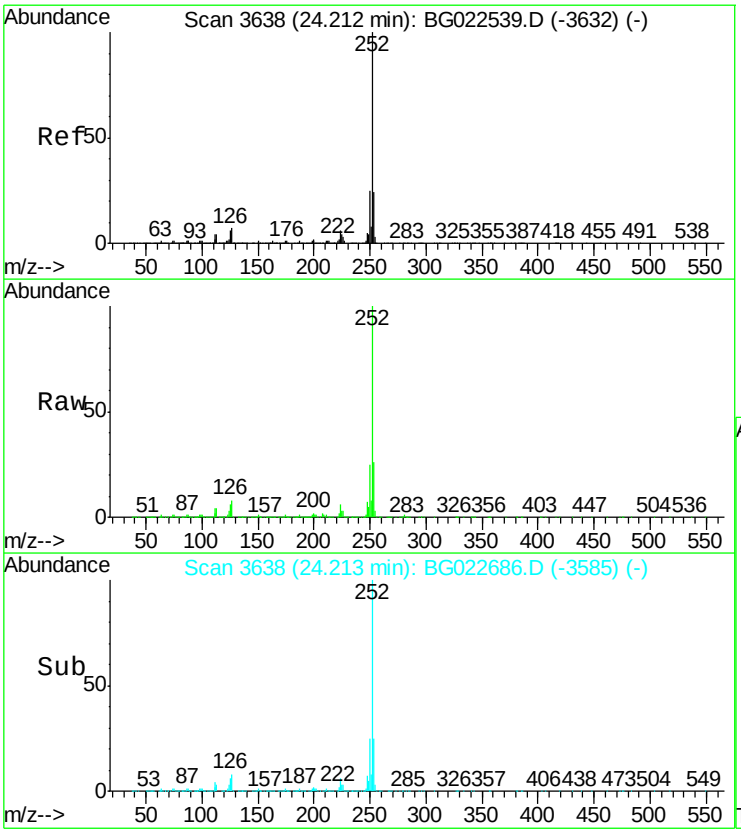

#87
Benzo(b)fluoranthene
Concen: 42.73 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:252 Resp: 3109693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.6 | 18.9 | 28.3 |
| 125 | 5.8 | 3.9 | 5.9 |

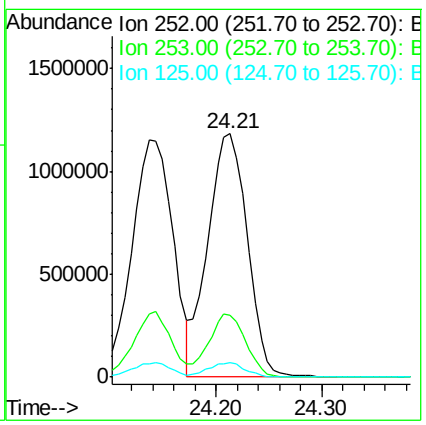


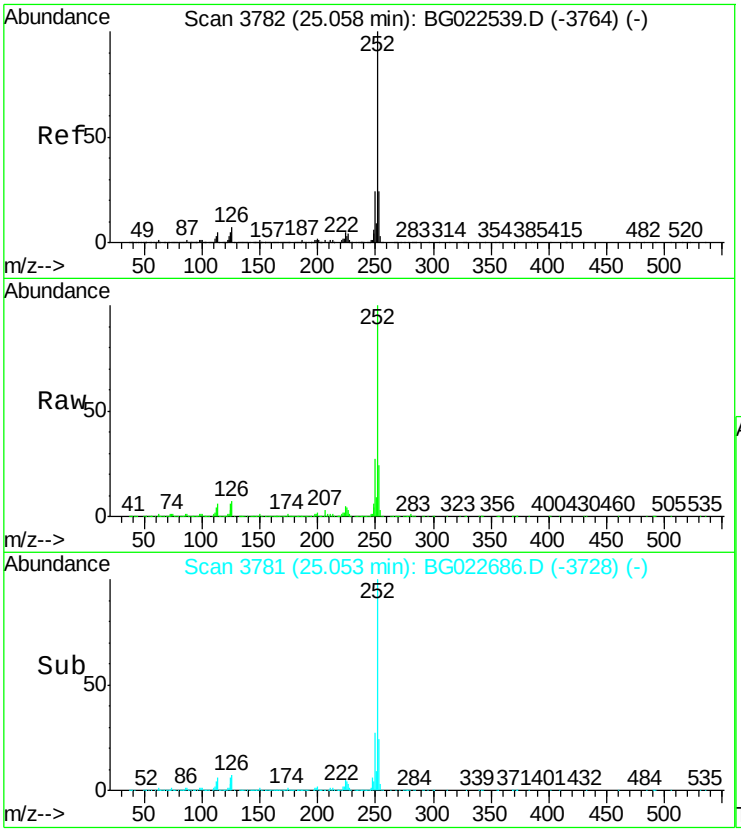




#88
Benzo(k)fluoranthene
Concen: 44.50 ng
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:252 Resp: 3061983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.5 | 18.8 | 28.2 |
| 125 | 5.9 | 3.2 | 4.8# |



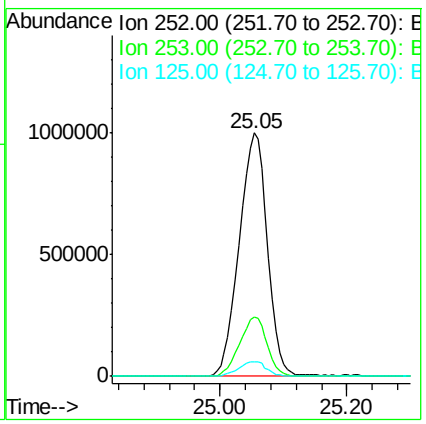


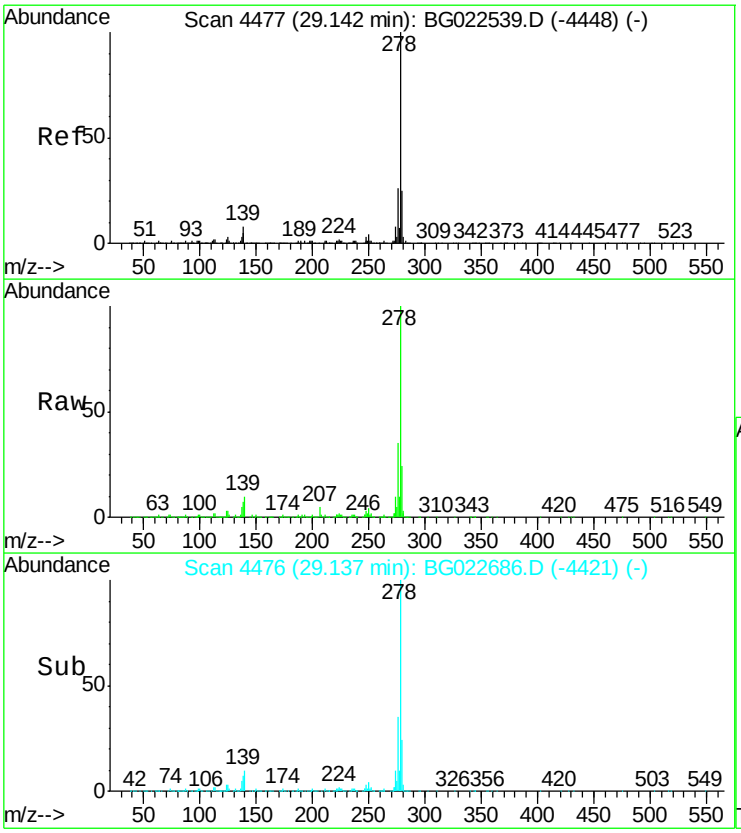

#89
Benzo(a)pyrene
Concen: 43.53 ng
RT: 25.05 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:252 Resp: 3088435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 18.7 | 28.1 |
| 125 | 5.8 | 3.9 | 5.9 |

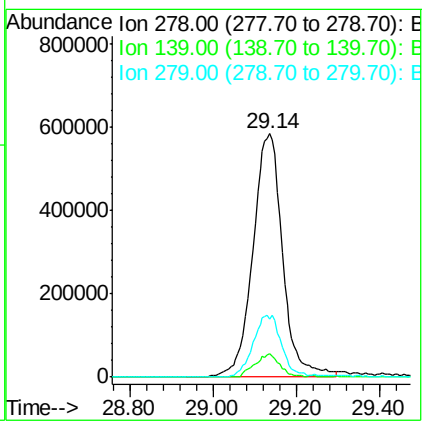


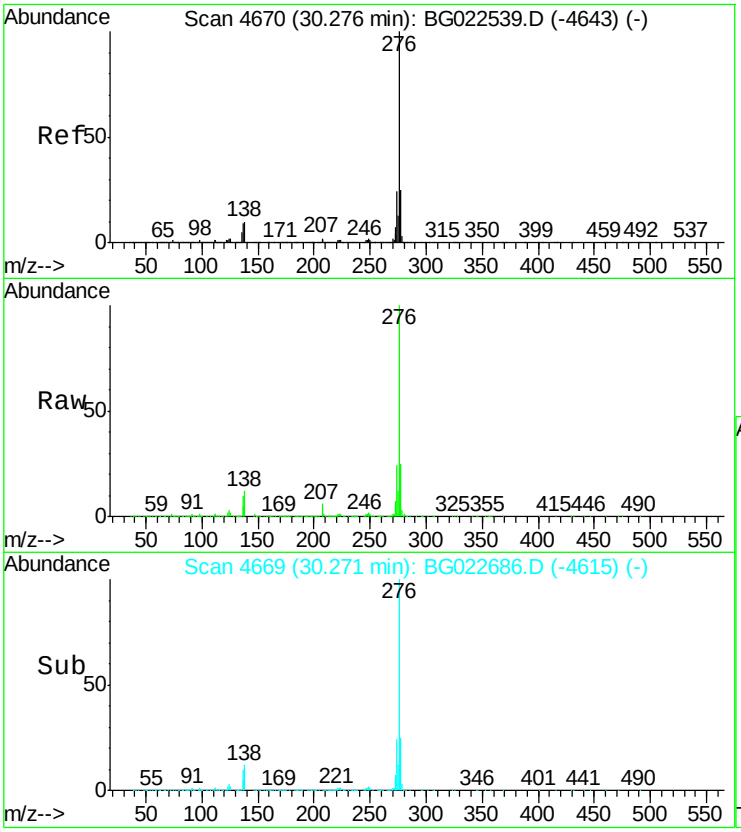




#90
Dibenzo(a,h)anthracene
Concen: 43.33 ng
RT: 29.14 min Scan# 4476
Delta R.T. 0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

Tgt Ion:278 Resp: 2894637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.7 | 4.7 | 7.1# |
| 279 | 24.1 | 18.3 | 27.5 |






#91
Benzo(g,h,i)perylene
Concen: 41.37 ng
RT: 30.27 min Scan# 4669
Delta R.T. 0.02 min
Lab File: BG022686.D
Acq: 28 Jun 2016 21:46

**Instrument :**
BNA_G
**ClientSampleId :**
PB91509BSD

Tgt Ion:276 Resp: 2813116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.1 | 18.6 | 27.8 |
| 138 | 11.8 | 6.8 | 10.2# |