Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023908.D
Acq On : 26 Aug 2016 00:14
Operator : UM/SJ
Sample : H4588-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-04MSD

Quant Time: Aug 26 01:07:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 124789 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 551734 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 365466 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.53 | 188 | 790939 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.85 | 240 | 777567 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.23 | 264 | 784968 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 413059 | 55.72 | ng | | 0.00 |
| 7) Phenol-d6 | 7.26 | 99 | 402016 | 34.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 859837 | 77.48 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 462441 | 86.51 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.38 | 172 | 1623086 | 74.91 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.14 | 244 | 1842109 | 70.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 45817 | 14.51 | ng | # | 91 |
| 3) Pyridine | 3.91 | 79 | 140180 | 13.51 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 70051 | 18.20 | ng | # | 93 |
| 6) Aniline | 7.41 | 93 | 260382 | 15.61 | ng | | 96 |
| 8) 2-Chlorophenol | 7.65 | 128 | 260322 | 30.57 | ng | | 94 |
| 9) Benzaldehyde | 7.22 | 77 | 75503 | 8.73 | ng | | 93 |
| 10) Phenol | 7.28 | 94 | 164560 | 13.32 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 7.50 | 93 | 336956 | 34.20 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.98 | 146 | 326511 | 33.48 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.12 | 146 | 329262 | 32.99 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.45 | 146 | 317373 | 32.41 | ng | | 94 |
| 15) Benzyl Alcohol | 8.34 | 79 | 257014 | 29.38 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62 | 45 | 481412 | 33.22 | ng | | 91 |
| 17) 2-Methylphenol | 8.55 | 107 | 211903 | 25.59 | ng | | 92 |
| 18) Hexachloroethane | 9.18 | 117 | 130397 | 34.71 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.90 | 70 | 334022 | 33.63 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.88 | 107 | 266874 | 22.86 | ng | | 94 |
| 22) Acetophenone | 8.92 | 105 | 484854 | 32.10 | ng | # | 94 |
| 24) Nitrobenzene | 9.32 | 77 | 477736 | 38.87 | ng | | 91 |
| 25) Isophorone | 9.83 | 82 | 882470 | 38.18 | ng | | 96 |
| 26) 2-Nitrophenol | 10.03 | 139 | 183152 | 35.31 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 10.09 | 122 | 296095 | 33.53 | ng | | 89 |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93 | 497385 | 35.79 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.58 | 162 | 321255 | 36.18 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.79 | 180 | 340158 | 35.52 | ng | | 97 |
| 31) Naphthalene | 10.97 | 128 | 1016443 | 36.18 | ng | | 99 |
| 32) Benzoic acid | 10.22 | 122 | 57901 | 12.61 | ng | | 91 |
| 33) 4-Chloroaniline | 11.09 | 127 | 207000 | 15.41 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.25 | 225 | 219234 | 34.81 | ng | | 96 |
| 35) Caprolactam | 11.92 | 113 | 24776 | 6.63 | ng | # | 69 |
| 36) 4-Chloro-3-methylphenol | 12.23 | 107 | 371644 | 31.85 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.58 | 142 | 753042 | 35.25 | ng | | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 368653 | 27.82 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.92 | 237 | 221743 | 33.18 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023908.D
Acq On : 26 Aug 2016 00:14
Operator : UM/SJ
Sample : H4588-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-04MSD

Quant Time: Aug 26 01:07:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.20 | 196 | 273106 | 34.59 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 13.29 | 196 | 280406 | 34.50 | ng | | 93 |
| 45) 1,1'-Biphenyl | 13.59 | 154 | 904442 | 32.37 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.64 | 162 | 783133 | 36.23 | ng | | 98 |
| 47) 2-Nitroaniline | 13.85 | 65 | 342931 | 38.22 | ng | | 96 |
| 48) Acenaphthylene | 14.49 | 152 | 1191458 | 34.87 | ng | | 98 |
| 49) Dimethylphthalate | 14.22 | 163 | 1171712 | 41.79 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.35 | 165 | 232886 | 35.07 | ng | | 88 |
| 51) Acenaphthene | 14.83 | 154 | 785415 | 36.29 | ng | | 98 |
| 52) 3-Nitroaniline | 14.69 | 138 | 130276 | 17.40 | ng | # | 75 |
| 53) 2,4-Dinitrophenol | 14.90 | 184 | 252183 | 59.25 | ng | | 91 |
| 54) Dibenzofuran | 15.16 | 168 | 1239961 | 39.46 | ng | | 98 |
| 55) 4-Nitrophenol | 15.03 | 139 | 142720 | 24.27 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 15.14 | 165 | 343845 | 36.89 | ng | # | 99 |
| 57) Fluorene | 15.82 | 166 | 992737 | 36.20 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 259000 | 34.73 | ng | | 93 |
| 59) Diethylphthalate | 15.57 | 149 | 1074022 | 37.73 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204 | 501175 | 34.54 | ng | | 97 |
| 61) 4-Nitroaniline | 15.86 | 138 | 190083 | 23.84 | ng | # | 71 |
| 62) Azobenzene | 16.10 | 77 | 1183628 | 41.02 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 182594 | 33.95 | ng | | 85 |
| 65) n-Nitrosodiphenylamine | 16.03 | 169 | 903204 | 38.93 | ng | | 93 |
| 66) 4-Bromophenyl-phenylether | 16.71 | 248 | 339311 | 36.81 | ng | | 96 |
| 67) Hexachlorobenzene | 16.83 | 284 | 351823 | 34.88 | ng | | 94 |
| 68) Atrazine | 17.01 | 200 | 237829 | 26.70 | ng | | 95 |
| 69) Pentachlorophenol | 17.19 | 266 | 385910 | 65.63 | ng | | 100 |
| 70) Phenanthrene | 17.58 | 178 | 1527449 | 38.06 | ng | | 97 |
| 71) Anthracene | 17.66 | 178 | 1570428 | 38.90 | ng | | 99 |
| 72) Carbazole | 17.95 | 167 | 1417197 | 39.98 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.48 | 149 | 1671705 | 46.82 | ng | | 99 |
| 74) Fluoranthene | 19.59 | 202 | 1674683 | 44.23 | ng | | 95 |
| 77) Pyrene | 19.95 | 202 | 1684173 | 36.60 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.83 | 149 | 787764 | 42.07 | ng | | 95 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 1654626 | 38.55 | ng | | 98 |
| 82) Chrysene | 21.89 | 228 | 1540513 | 37.72 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 1087898 | 42.43 | ng | | 97 |
| 84) Di-n-octyl phthalate | 22.96 | 149 | 1813632 | 41.44 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 29.12 | 276 | 1896243 | 37.16 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.16 | 252 | 1635197 | 37.02 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 24.23 | 252 | 1607887 | 37.90 | ng | # | 97 |
| 89) Benzo(a)pyrene | 25.07 | 252 | 1593757 | 37.94 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 29.18 | 278 | 1635457 | 38.11 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 30.34 | 276 | 1590263 | 36.80 | ng | # | 92 |

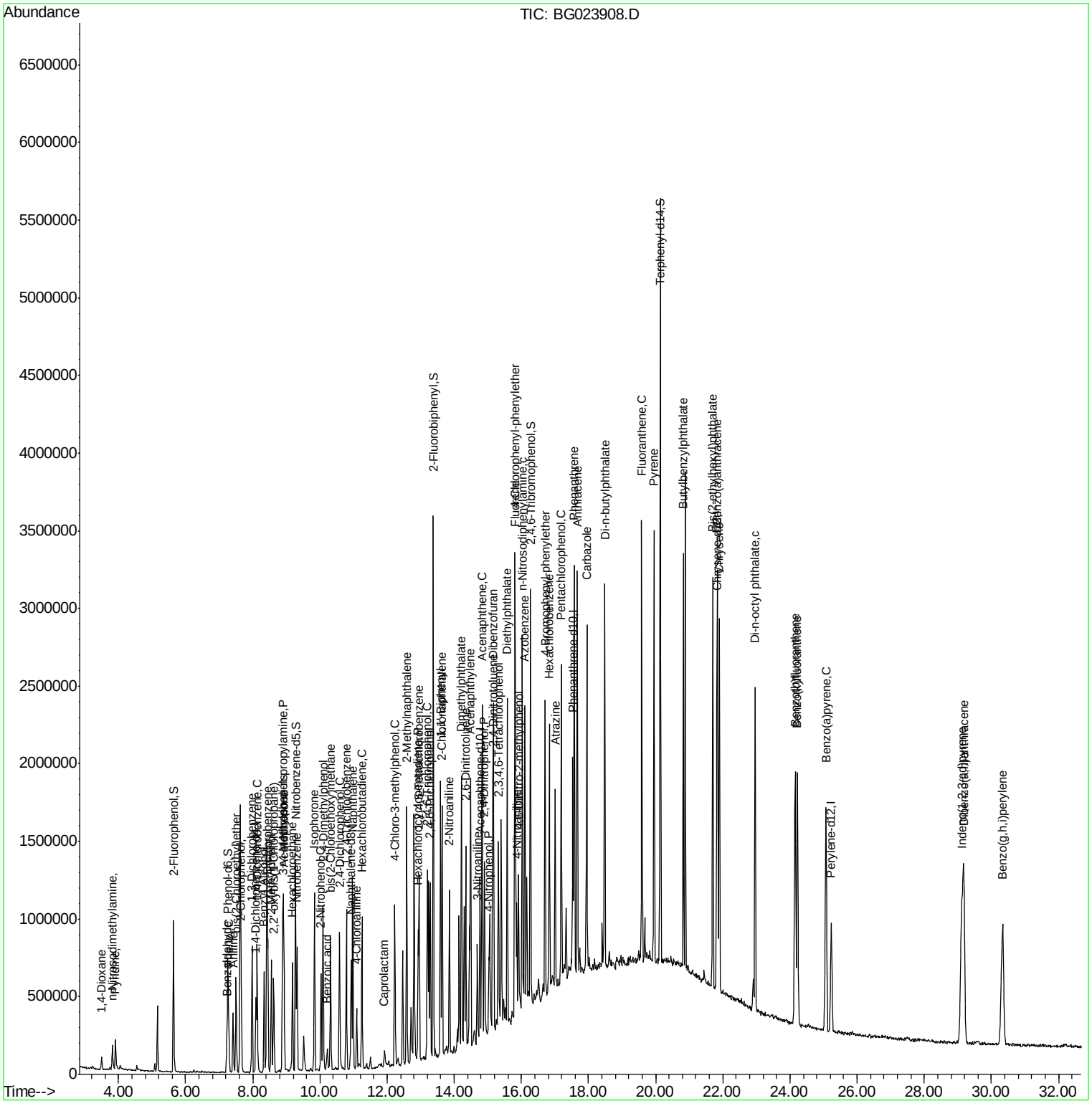
(#) = qualifier out of range (m) = manual integration (+) = signals summed

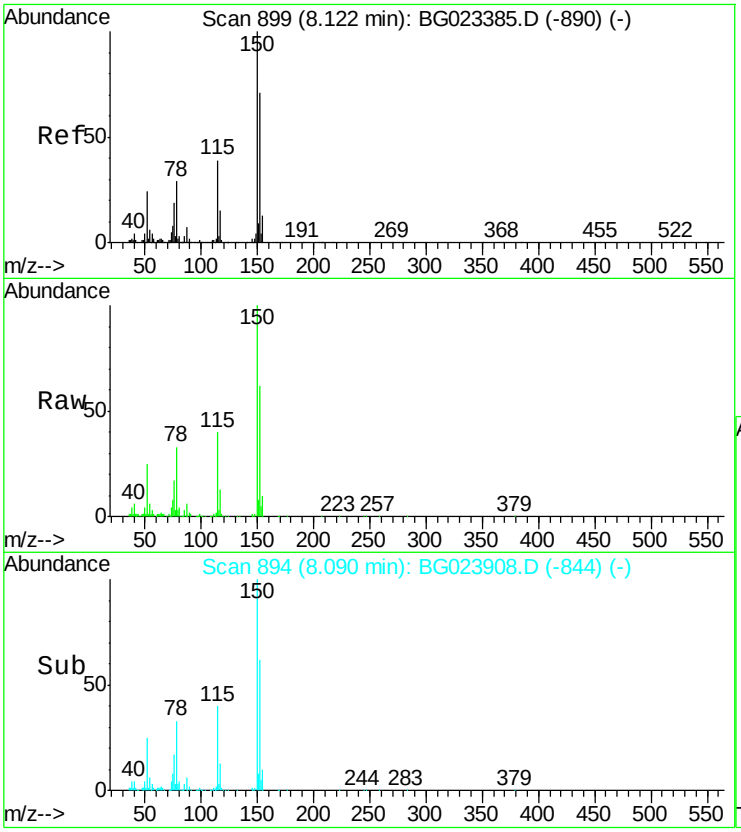
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023908.D
Acq On : 26 Aug 2016 00:14
Operator : UM/SJ
Sample : H4588-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Quant Time: Aug 26 01:07:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration



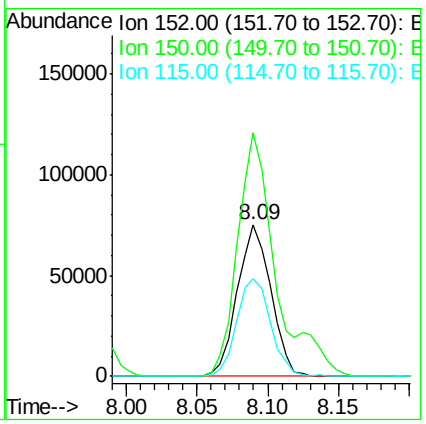


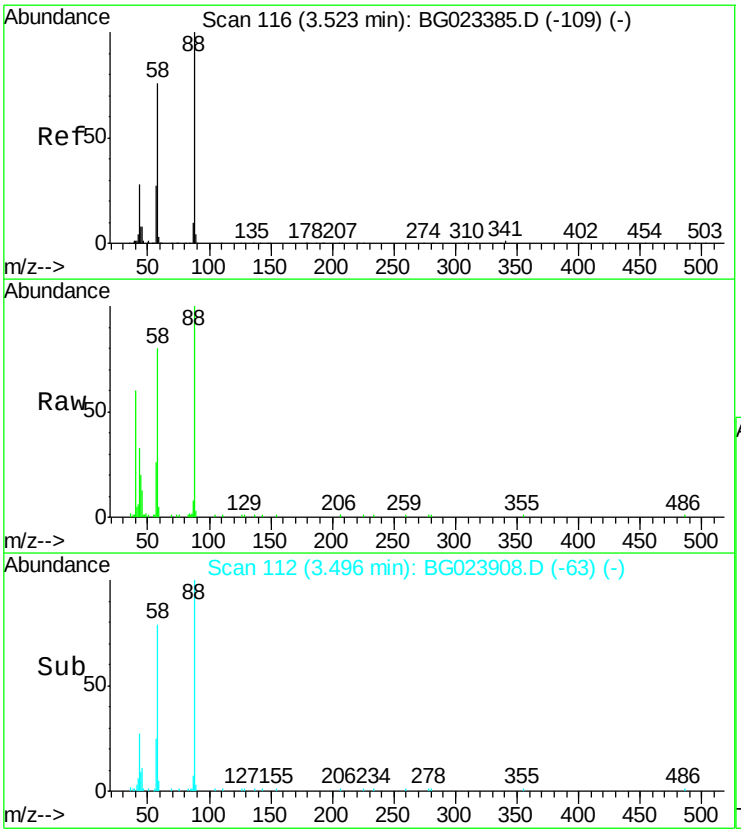

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:152 Resp: 124789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.1 | 144.7 | 217.1 |
| 115 | 63.9 | 64.0 | 96.0# |

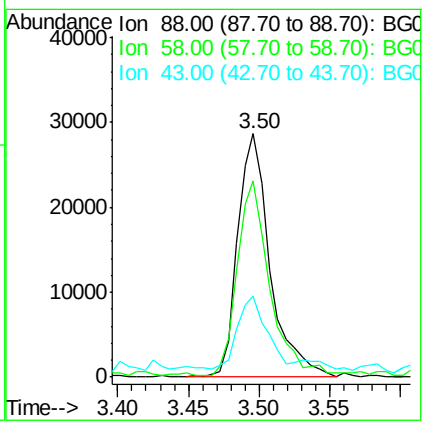


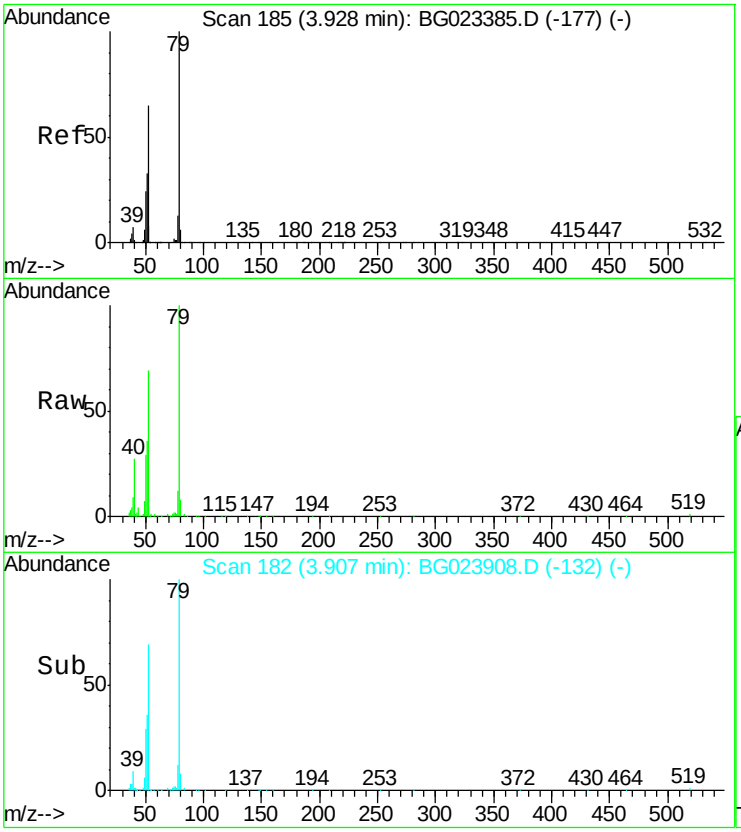




#2
1,4-Dioxane
Concen: 14.51 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 88 Resp: 45817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.3 | 60.4 | 90.6 |
| 43 | 29.4 | 31.1 | 46.7# |



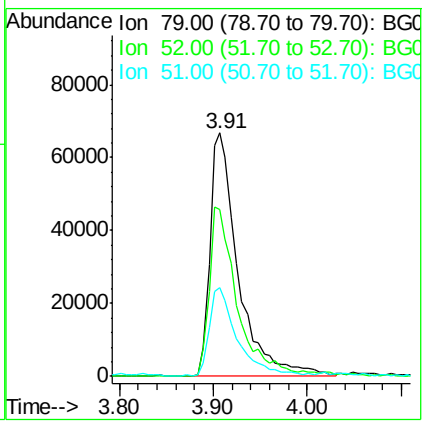


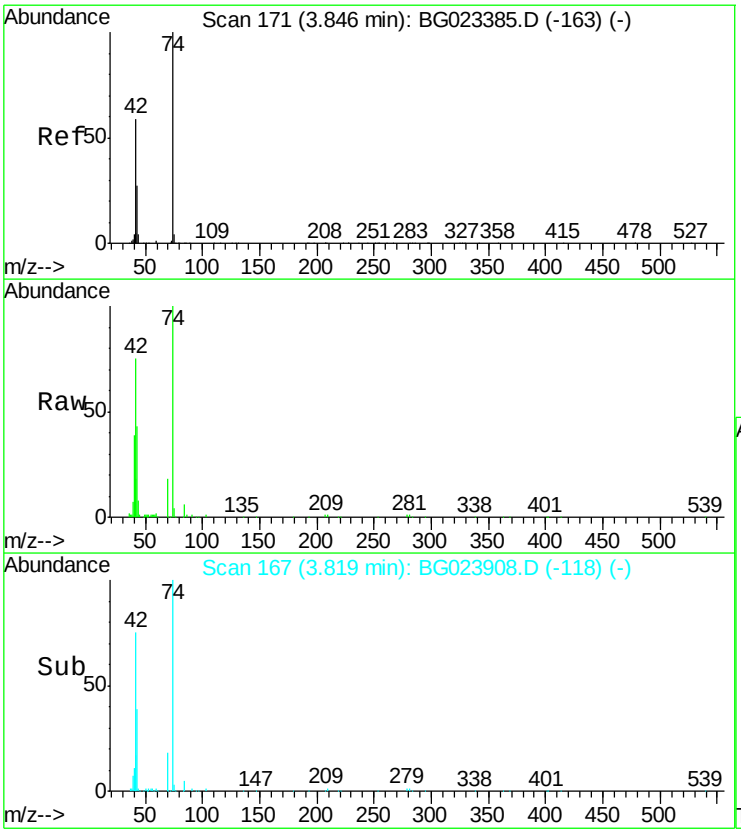

#3
Pyridine
Concen: 13.51 ng
RT: 3.91 min Scan# 182
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 79 Resp: 140180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 68.5 | 51.8 | 77.8 |
| 51 | 36.3 | 32.7 | 49.1 |

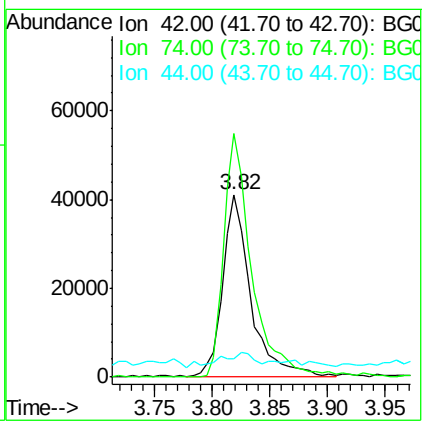


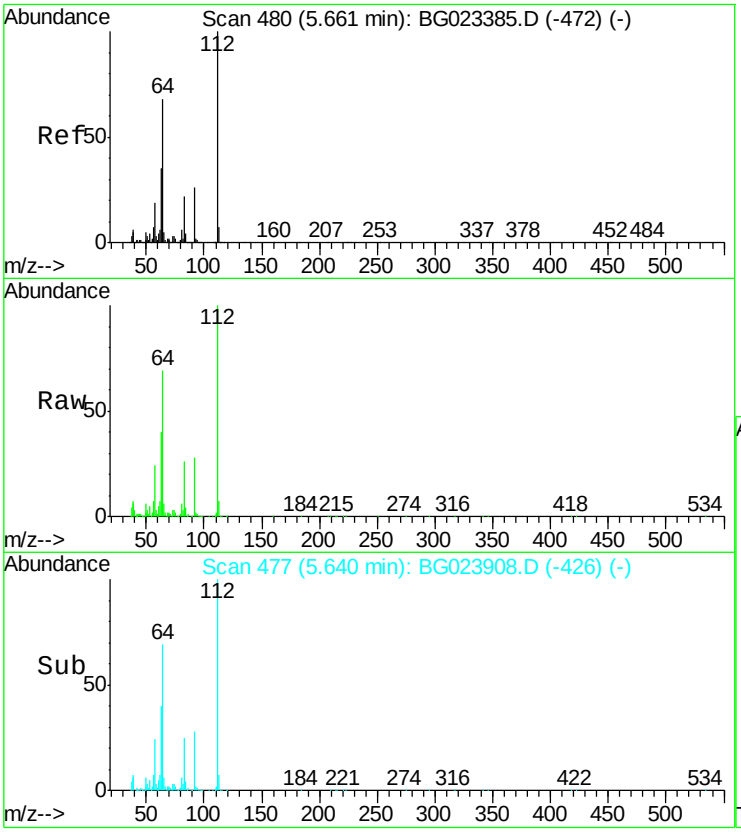




#4
n-Nitrosodimethylamine
Concen: 18.20 ng
RT: 3.82 min Scan# 167
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 42 Resp: 70051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.2 | 100.6 | 150.8 |
| 44 | 10.1 | 4.5 | 6.7# |



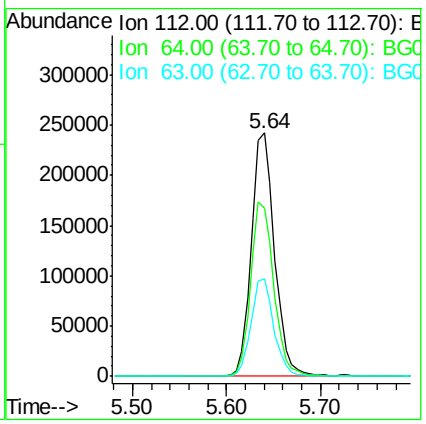


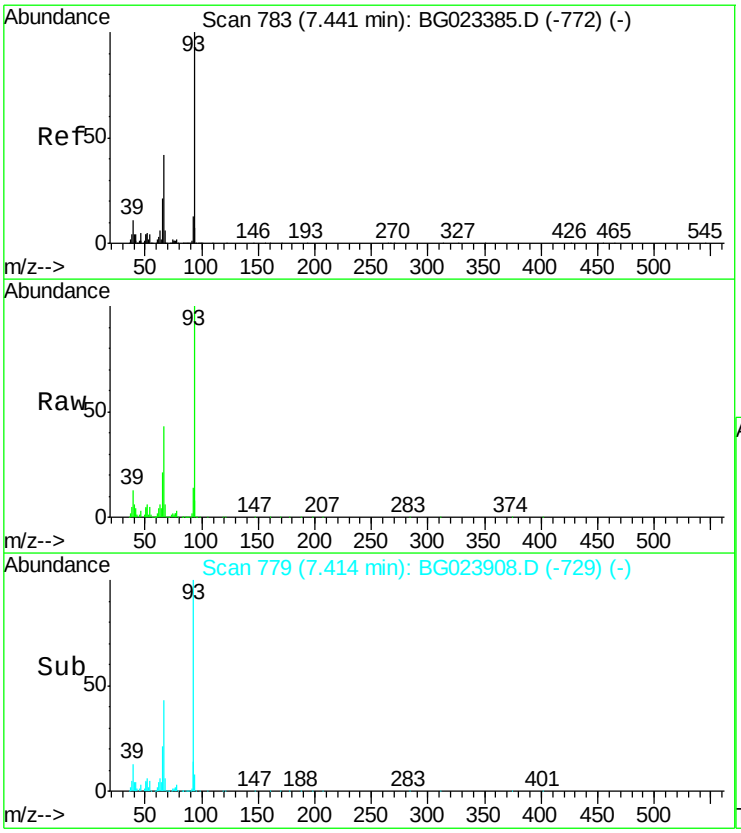

#5
2-Fluorophenol
Concen: 55.72 ng
RT: 5.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:112 Resp: 413059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.3 | 59.0 | 88.4 |
| 63 | 39.9 | 37.8 | 56.8 |

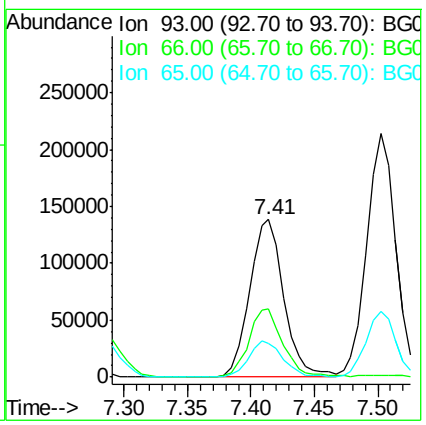


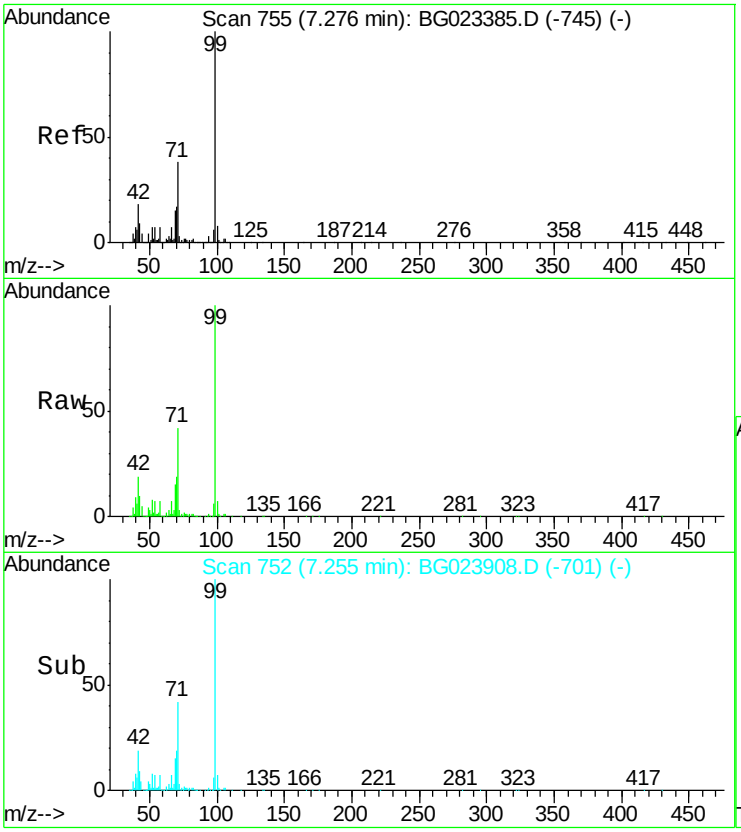




#6
Aniline
Concen: 15.61 ng
RT: 7.41 min Scan# 779
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 93 Resp: 260382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.4 | 37.5 | 56.3 |
| 65 | 21.5 | 17.9 | 26.9 |



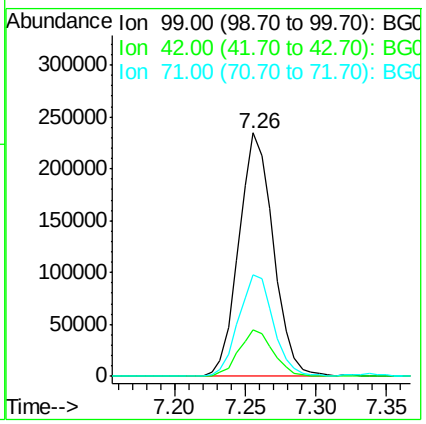


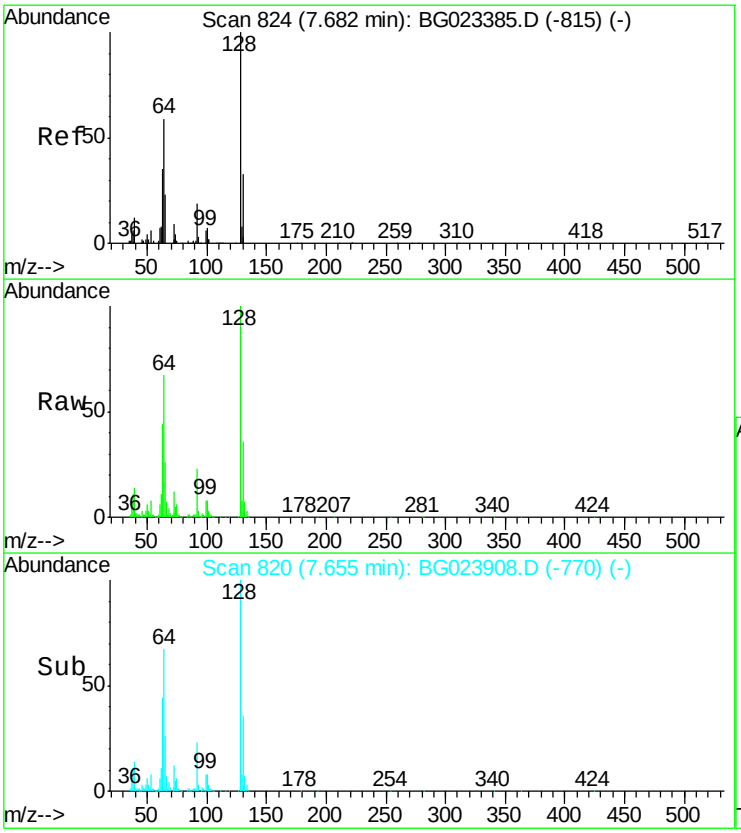

#7
Phenol-d6
Concen: 34.82 ng
RT: 7.26 min Scan# 752
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 99 Resp: 402016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 17.8 | 26.6 |
| 71 | 41.9 | 41.5 | 62.3 |

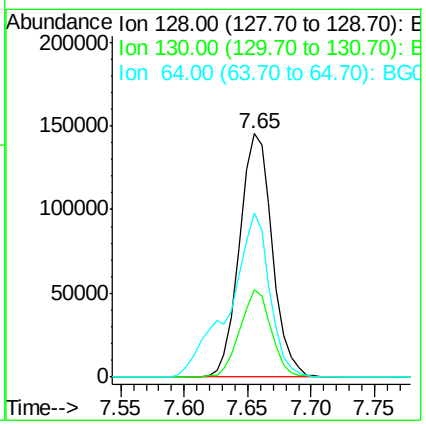


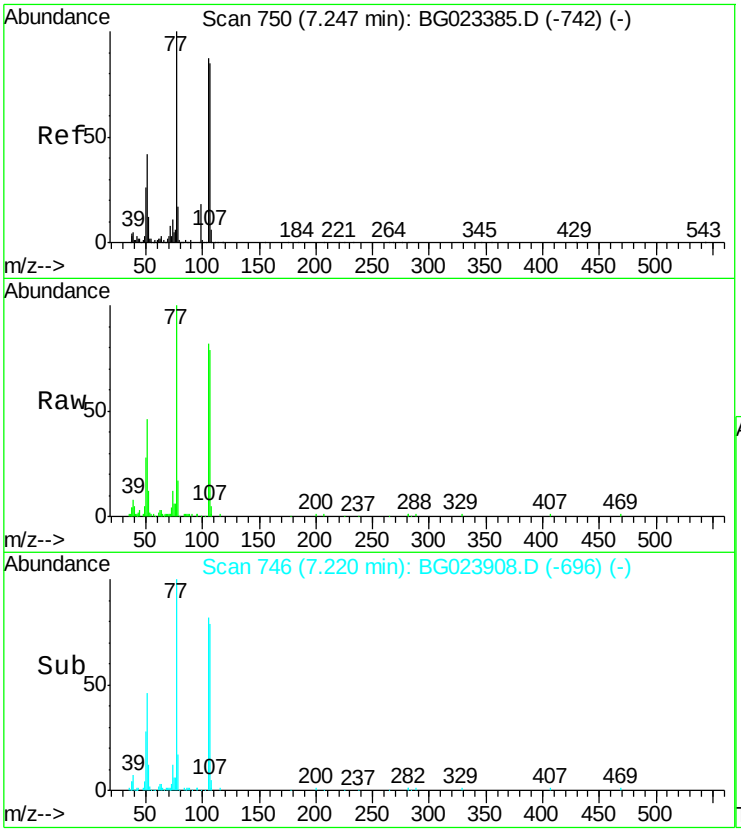




#8
2-Chlorophenol
Concen: 30.57 ng
RT: 7.65 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:128 Resp: 260322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 35.7 | 12.9 | 52.9 |
| 64 | 67.3 | 42.0 | 82.0 |



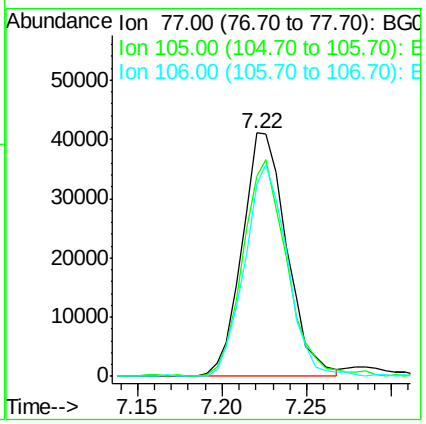


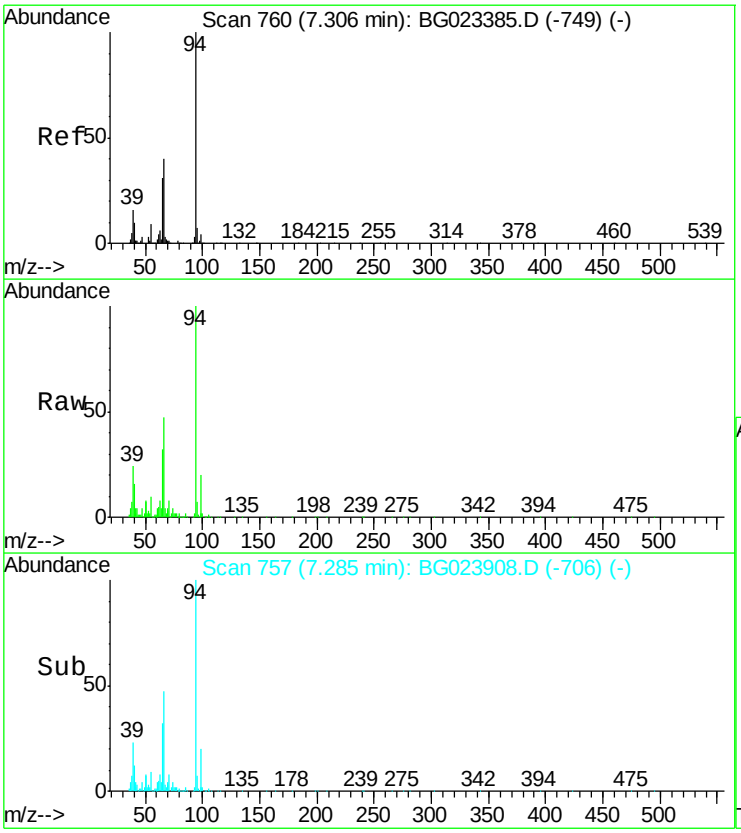

#9
Benzaldehyde
Concen: 8.73 ng
RT: 7.22 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 77 Resp: 75503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 82.1 | 58.7 | 98.7 |
| 106 | 79.2 | 67.5 | 107.5 |

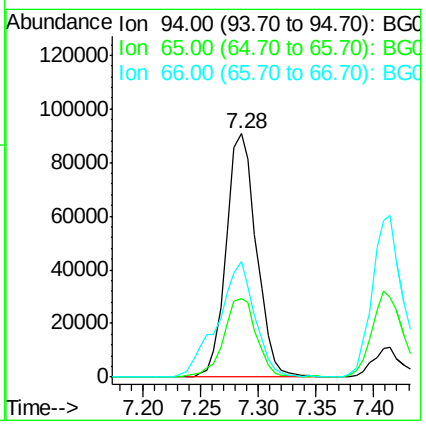


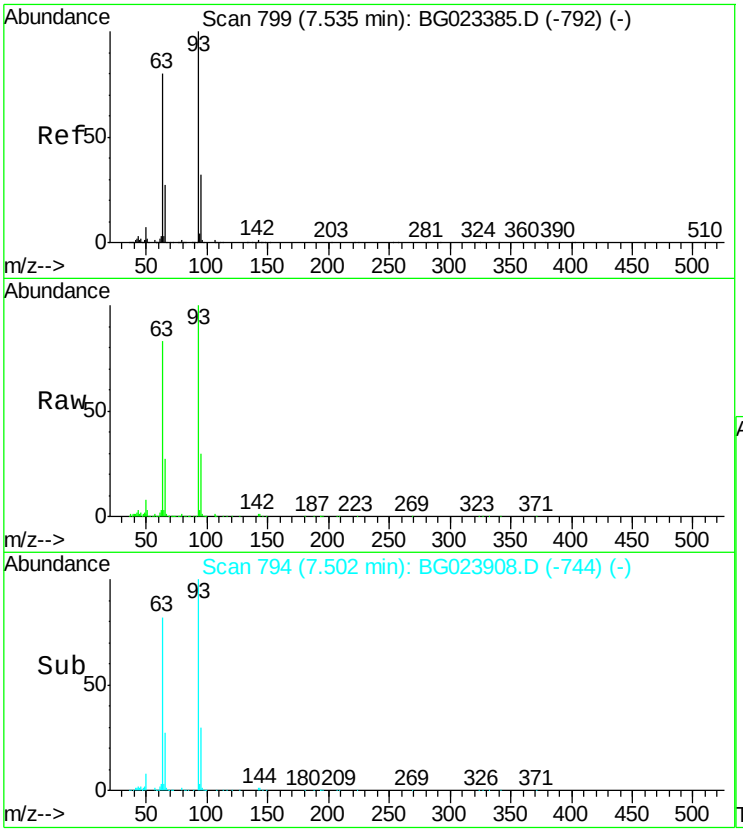




#10
Phenol
Concen: 13.32 ng
RT: 7.28 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 94 Resp: 164560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.2 | 18.1 | 58.1 |
| 66 | 47.5 | 42.1 | 82.1 |



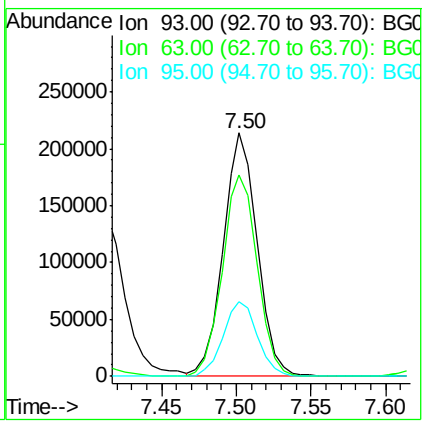


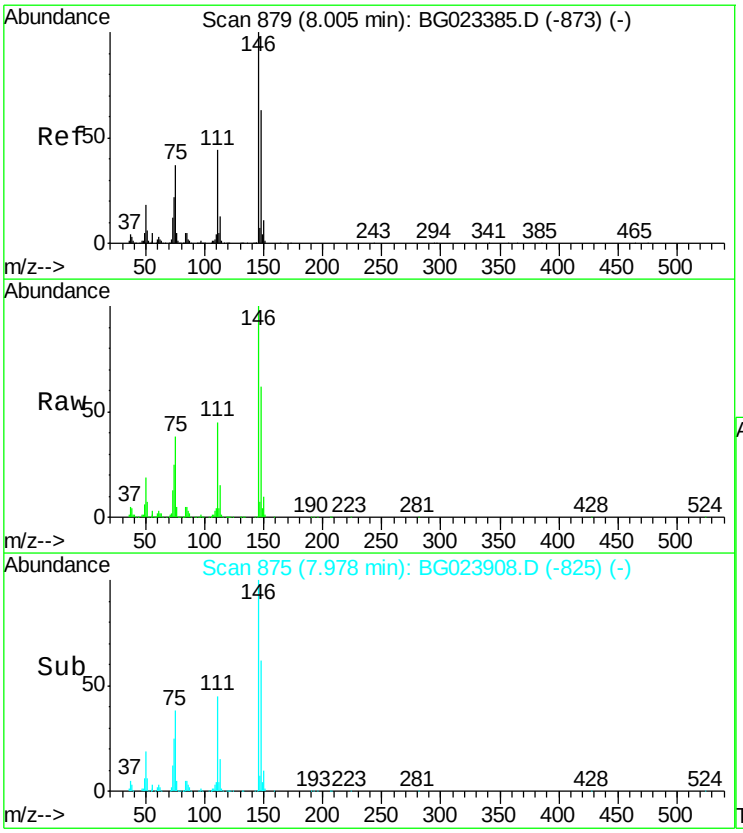

#11
bis(2-Chloroethyl)ether
Concen: 34.20 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 93 Resp: 336956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.8 | 55.0 | 95.0 |
| 95 | 30.5 | 11.0 | 51.0 |

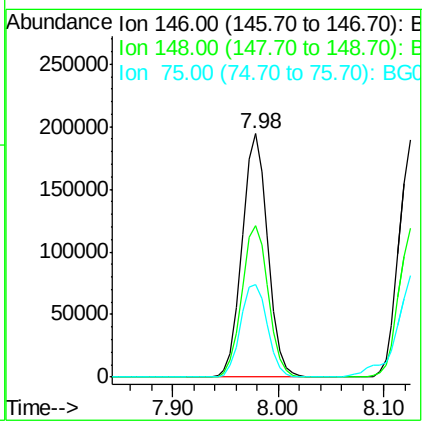


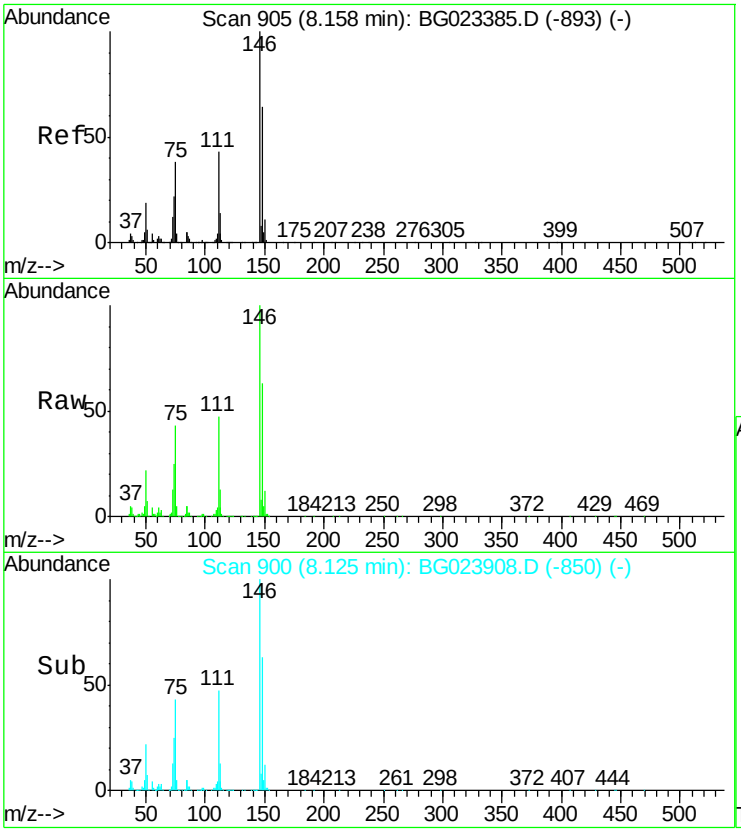




#12
1,3-Dichlorobenzene
Concen: 33.48 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:146 Resp: 326511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.1 | 50.3 | 75.5 |
| 75 | 38.2 | 37.0 | 55.6 |



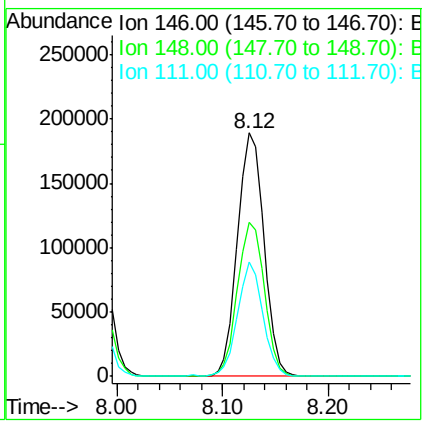


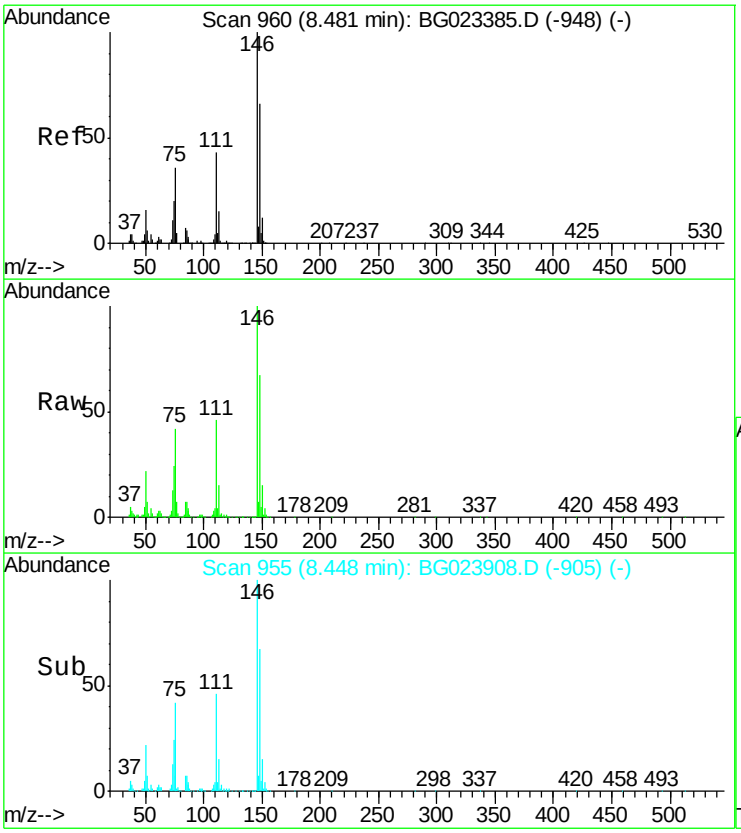

#13
1,4-Dichlorobenzene
Concen: 32.99 ng
RT: 8.12 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:146 Resp: 329262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 54.5 | 81.7 |
| 111 | 46.7 | 37.8 | 56.8 |

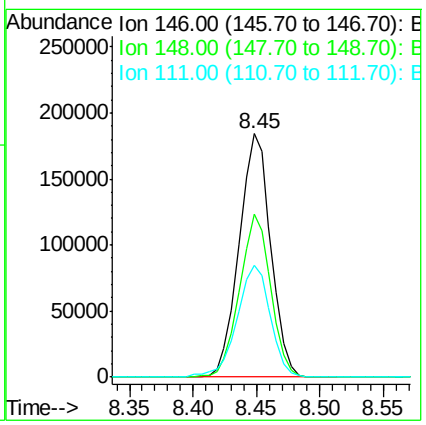


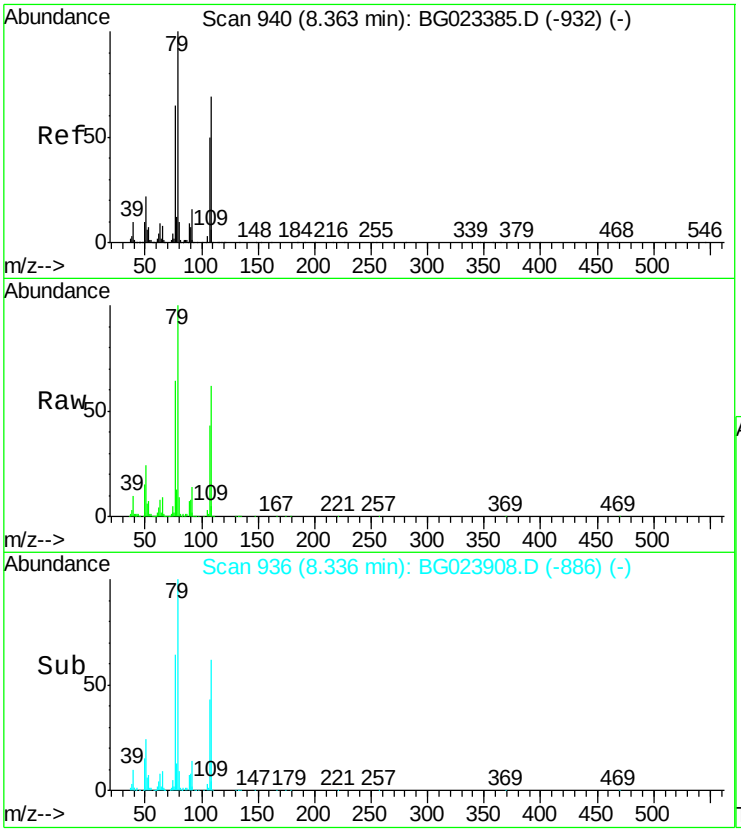




#14
1,2-Dichlorobenzene
Concen: 32.41 ng
RT: 8.45 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:146 Resp: 317373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.8 | 52.9 | 79.3 |
| 111 | 45.9 | 43.5 | 65.3 |



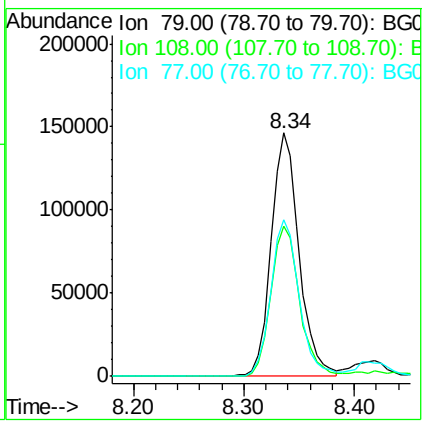


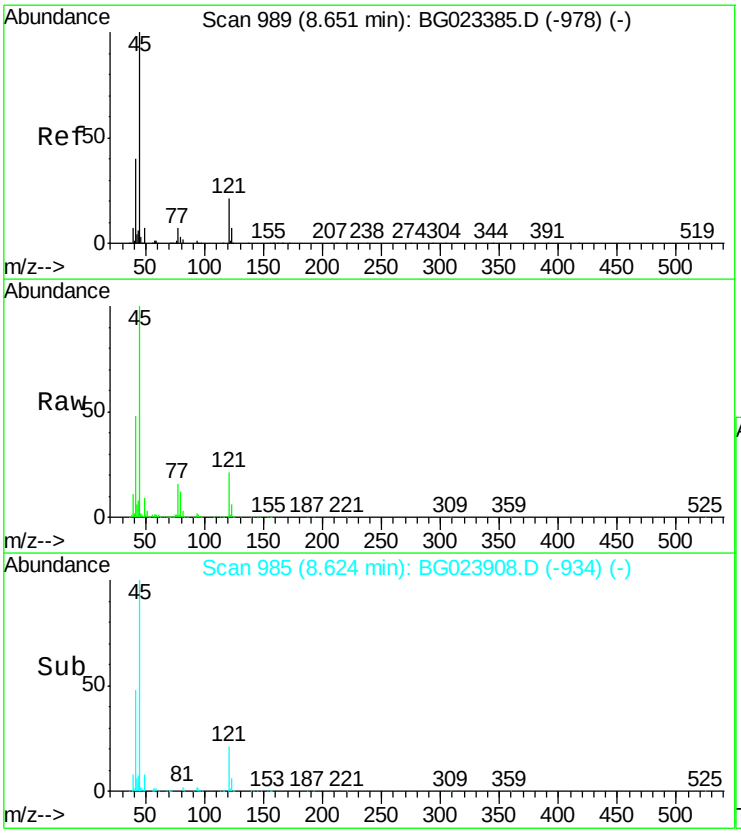

#15
Benzyl Alcohol
Concen: 29.38 ng
RT: 8.34 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 79 Resp: 257014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 61.7 | 46.5 | 69.7 |
| 77 | 64.3 | 52.3 | 78.5 |

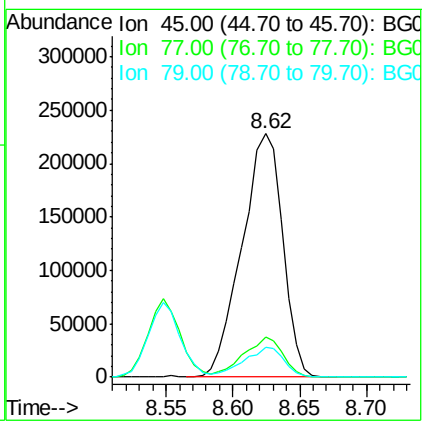


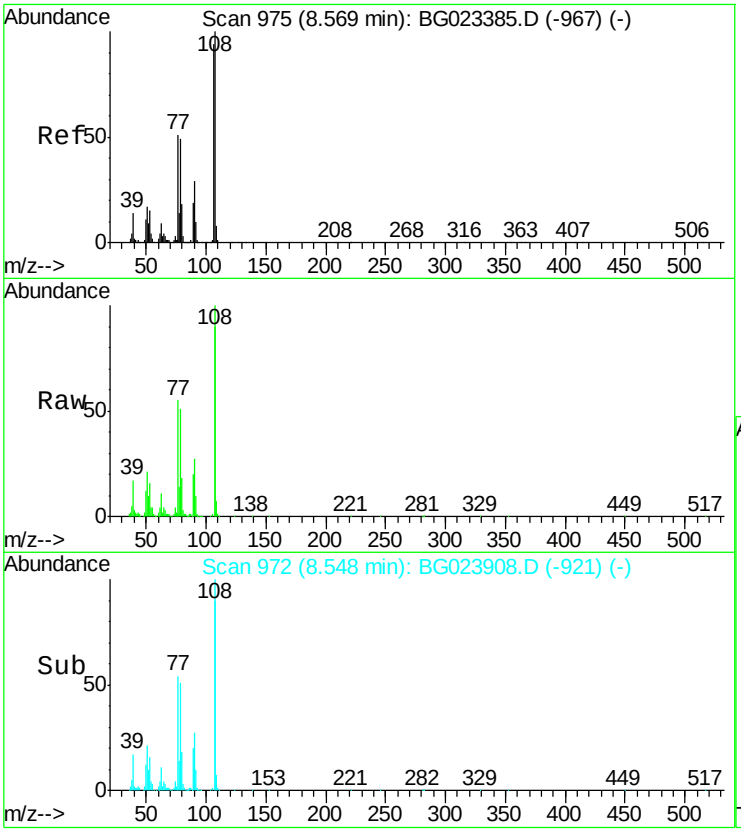




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.22 ng
RT: 8.62 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 45 Resp: 481412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.2 | 0.6 | 40.6 |
| 79 | 12.1 | 0.0 | 36.2 |



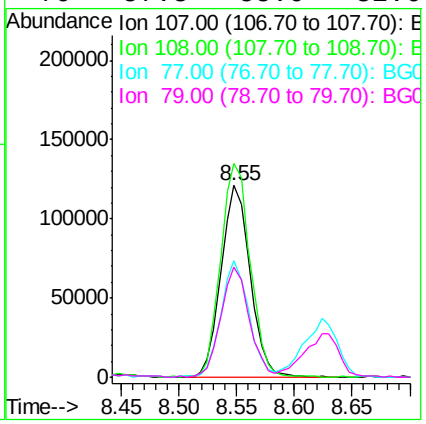


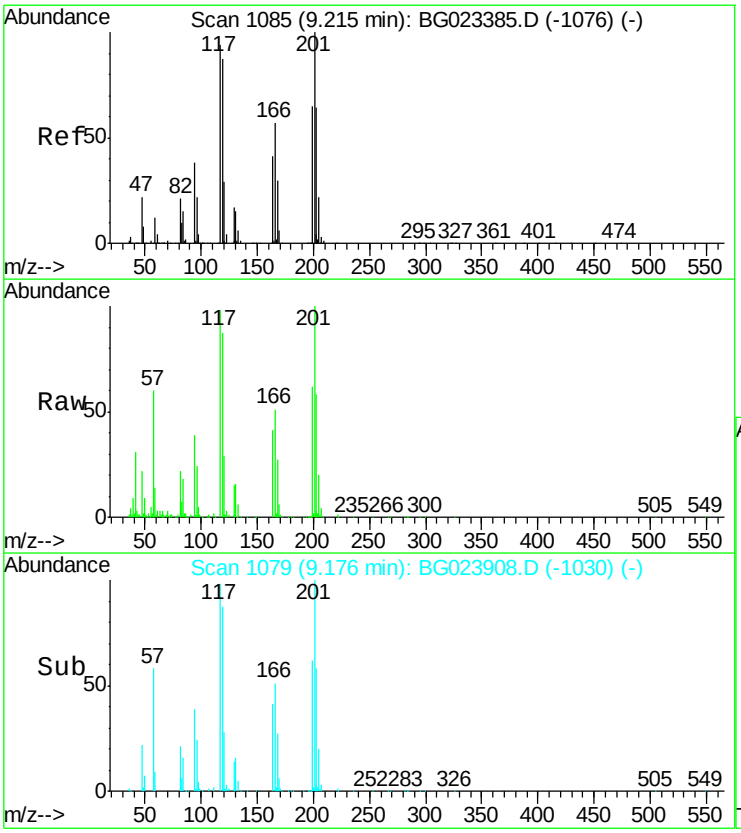

#17
2-Methylphenol
Concen: 25.59 ng
RT: 8.55 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:107 Resp: 211903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.4 | 92.0 | 138.0 |
| 77 | 60.8 | 55.8 | 83.6 |
| 79 | 57.3 | 55.0 | 82.6 |

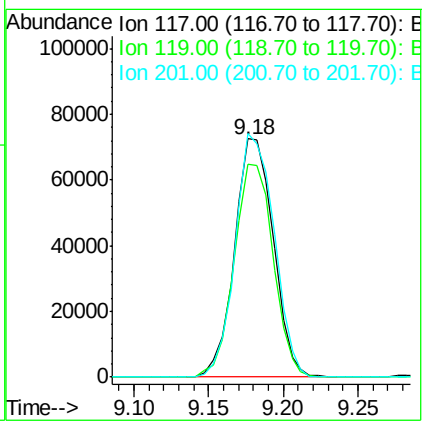


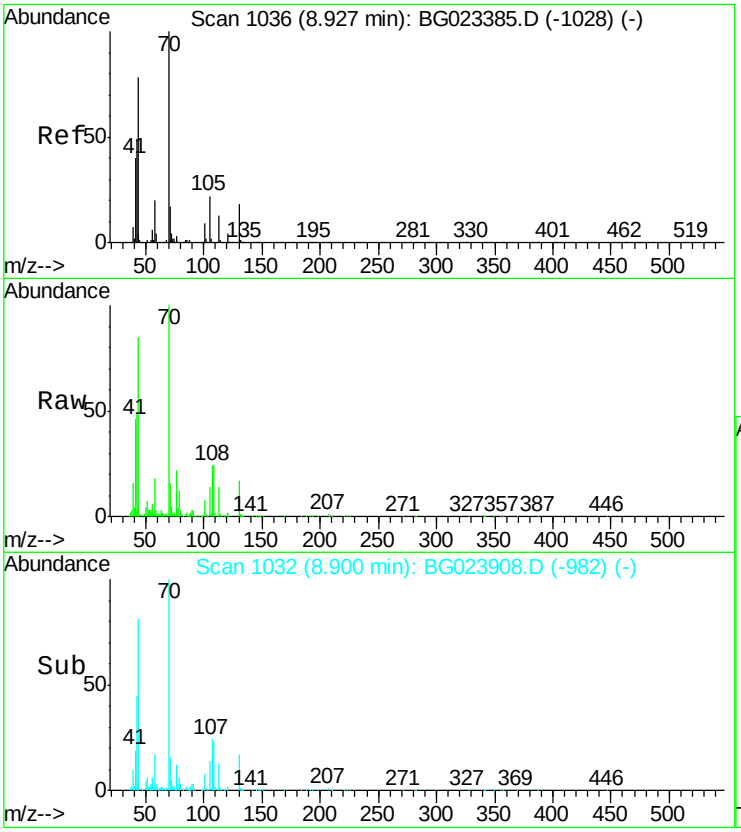




#18
Hexachloroethane
Concen: 34.71 ng
RT: 9.18 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:117 Resp: 130397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.2 | 73.7 | 110.5 |
| 201 | 102.2 | 88.7 | 133.1 |



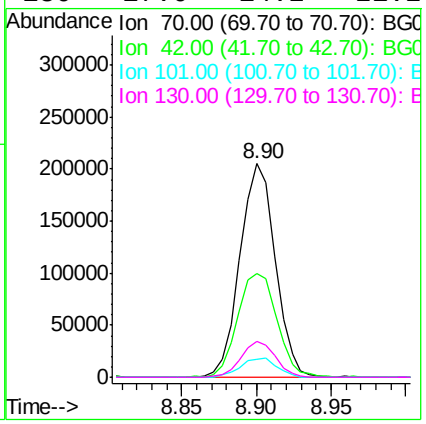


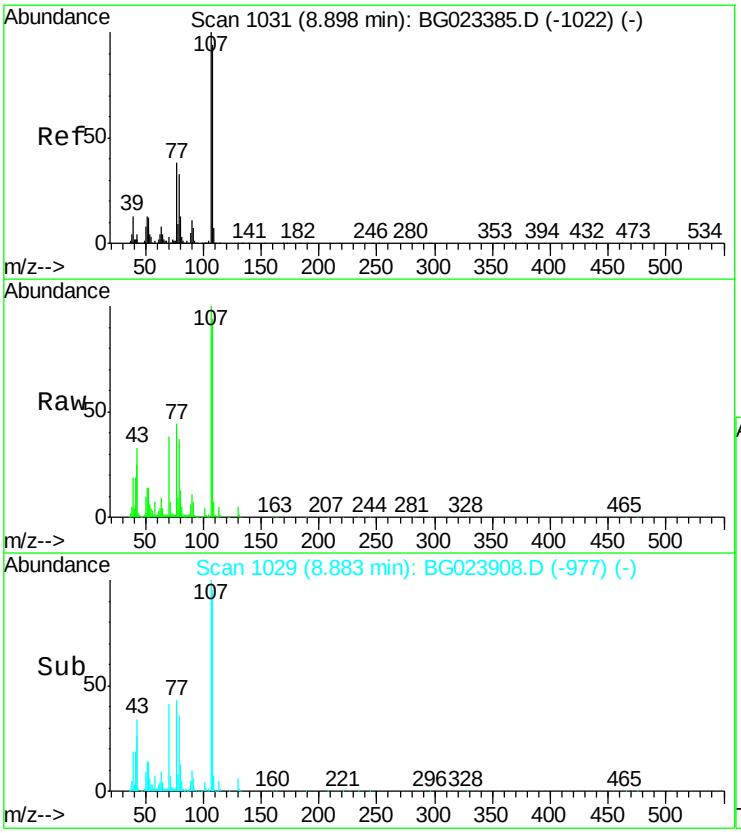

#19
n-Nitroso-di-n-propylamine
Concen: 33.63 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 70 Resp: 334022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.7 | 42.1 | 63.1 |
| 101 | 8.4 | 7.2 | 10.8 |
| 130 | 17.0 | 14.2 | 21.2 |

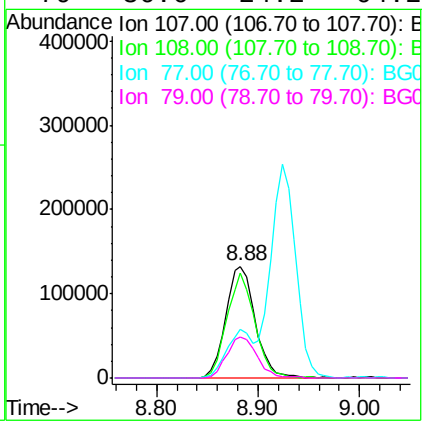


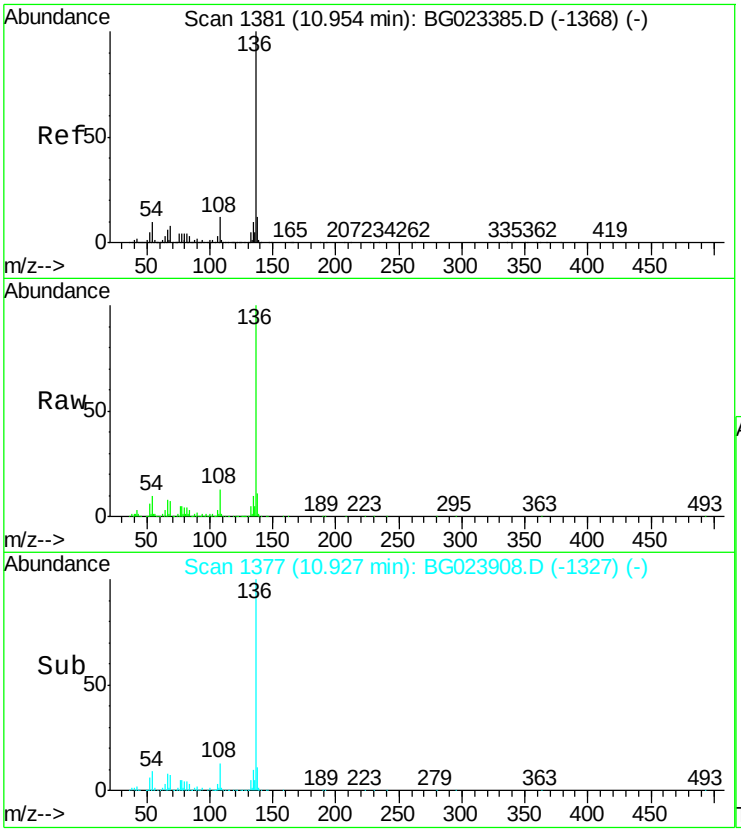




#20
3+4-Methylphenols
Concen: 22.86 ng
RT: 8.88 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:107 Resp: 266874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 94.1 | 72.5 | 112.5 |
| 77 | 43.8 | 30.1 | 70.1 |
| 79 | 36.6 | 24.2 | 64.2 |



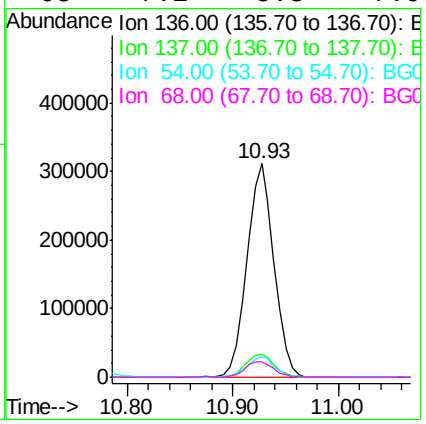


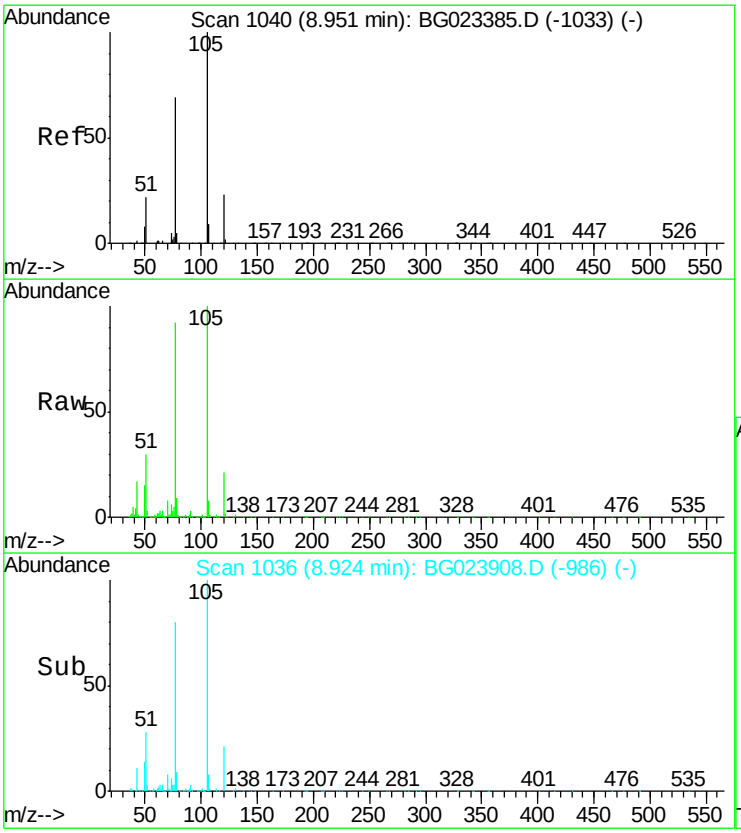

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:136 Resp: 551734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.6 | 14.4 |
| 54 | 9.5 | 7.3 | 10.9 |
| 68 | 7.2 | 5.3 | 7.9 |

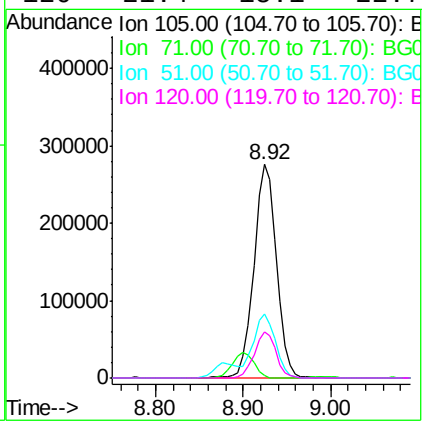


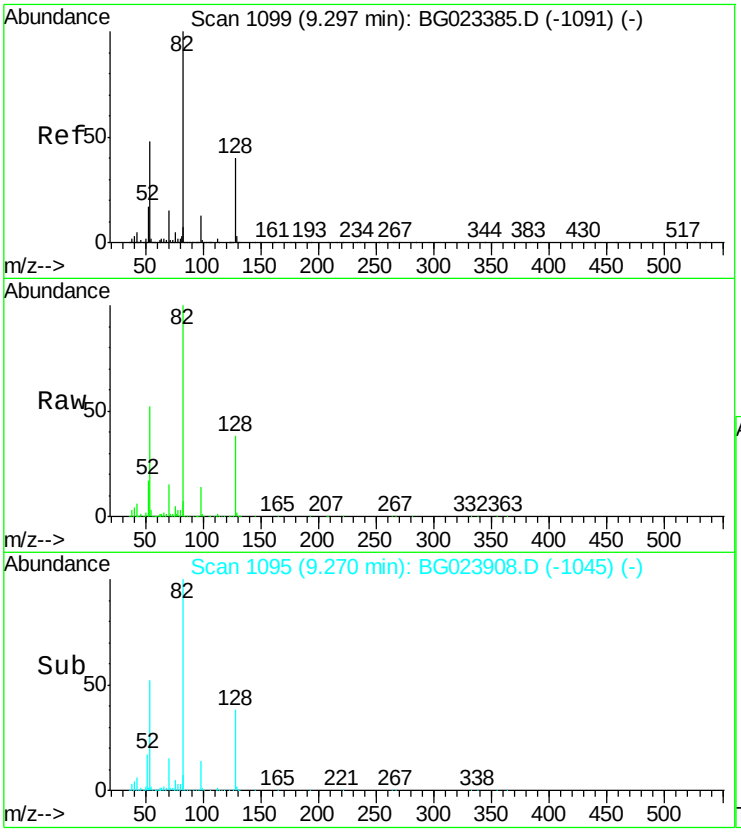




#22
Acetophenone
Concen: 32.10 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:105 Resp: 484854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.3 | 2.6 | 3.8# |
| 51 | 30.3 | 27.1 | 40.7 |
| 120 | 21.4 | 15.1 | 22.7 |



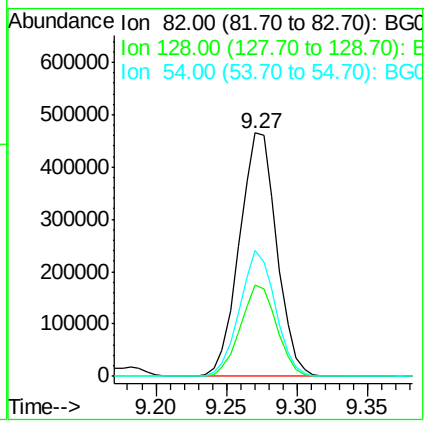


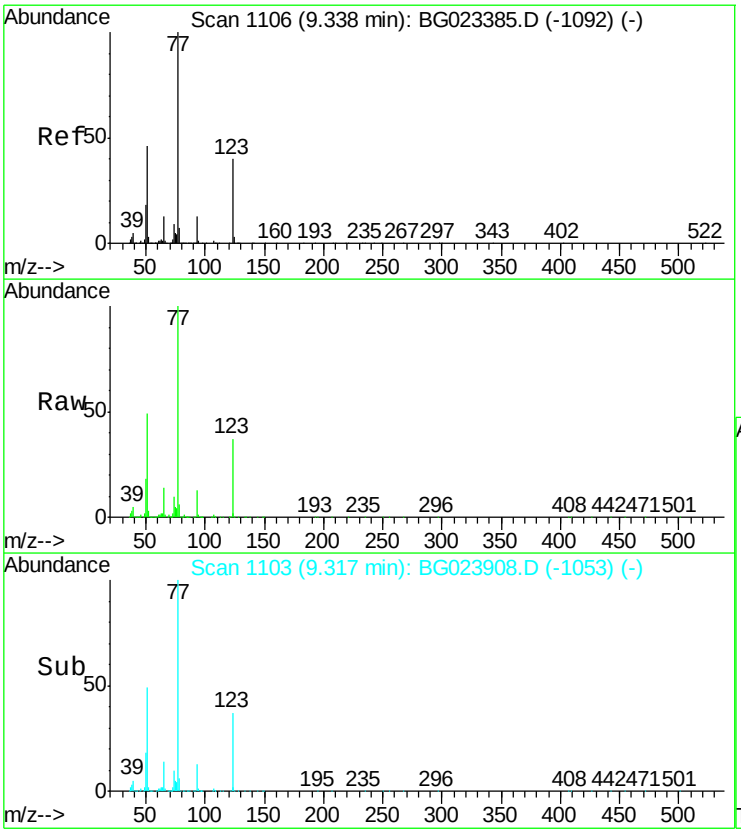

#23
Nitrobenzene-d5
Concen: 77.48 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 82 Resp: 859837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.7 | 24.4 | 36.6# |
| 54 | 52.0 | 41.4 | 62.0 |

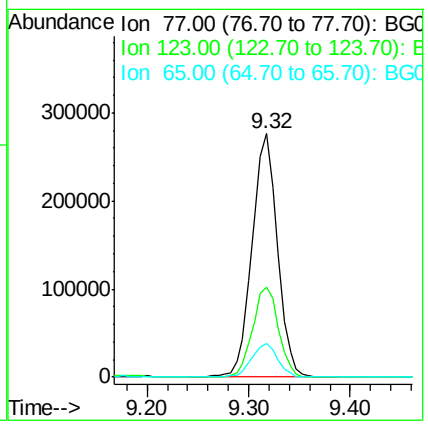


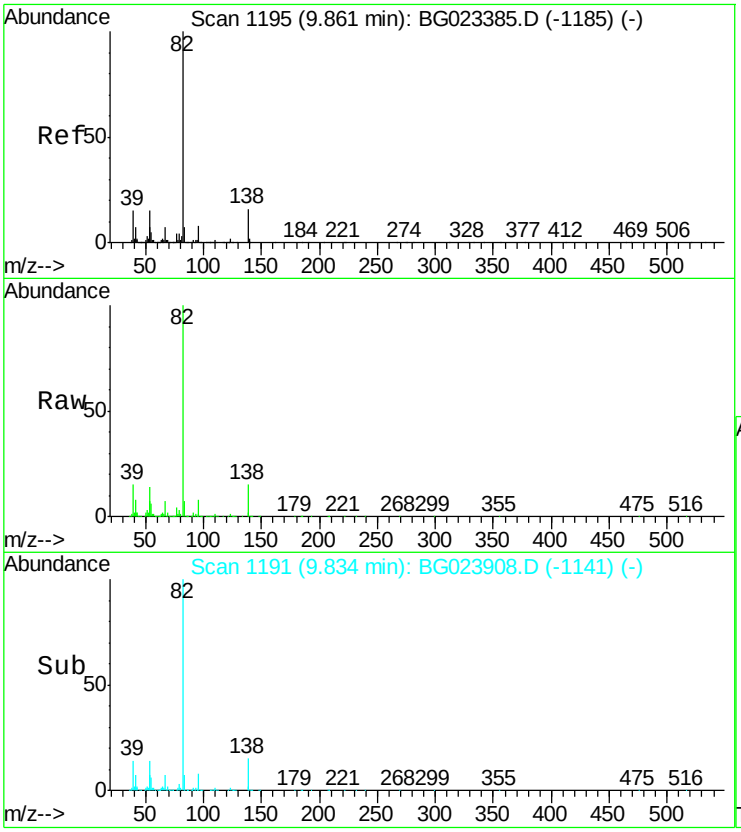




#24
Nitrobenzene
Concen: 38.87 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 77 Resp: 477736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 36.9 | 25.0 | 37.6 |
| 65 | 13.8 | 13.4 | 20.0 |



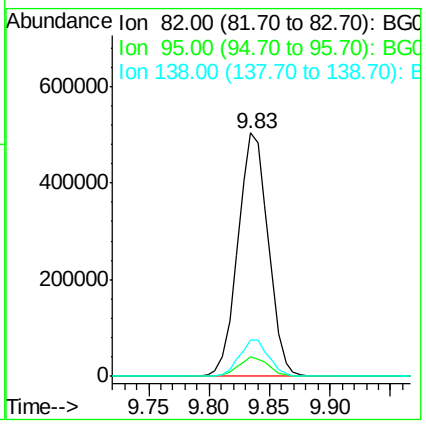


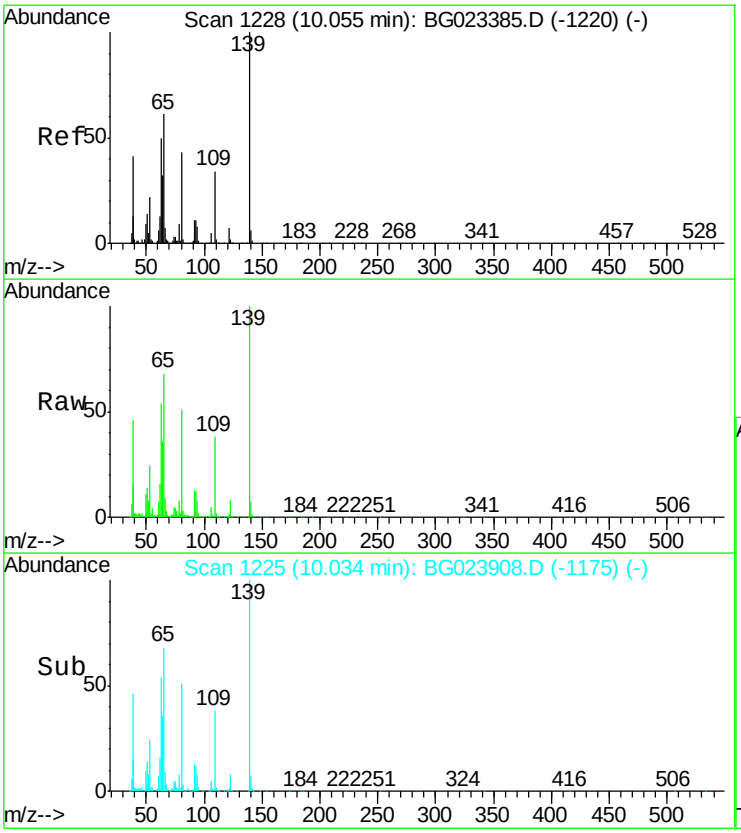

#25
Isophorone
Concen: 38.18 ng
RT: 9.83 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion: 82 Resp: 882470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.2 | 8.2 | 12.2 |
| 138 | 14.7 | 10.7 | 16.1 |

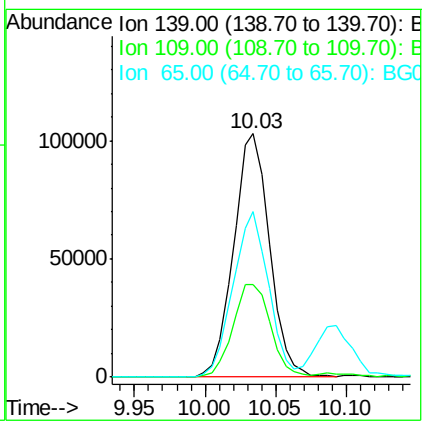


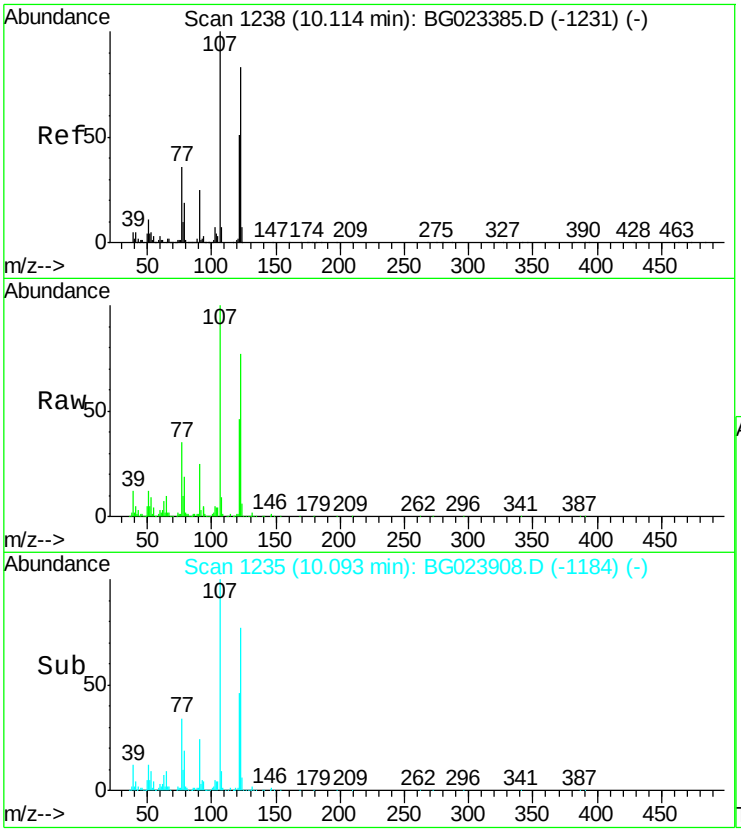




#26
2-Nitrophenol
Concen: 35.31 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:139 Resp: 183152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.1 | 43.5 | 65.3# |
| 65 | 67.9 | 64.3 | 96.5 |



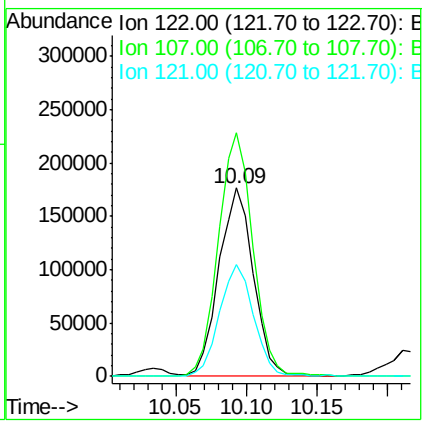


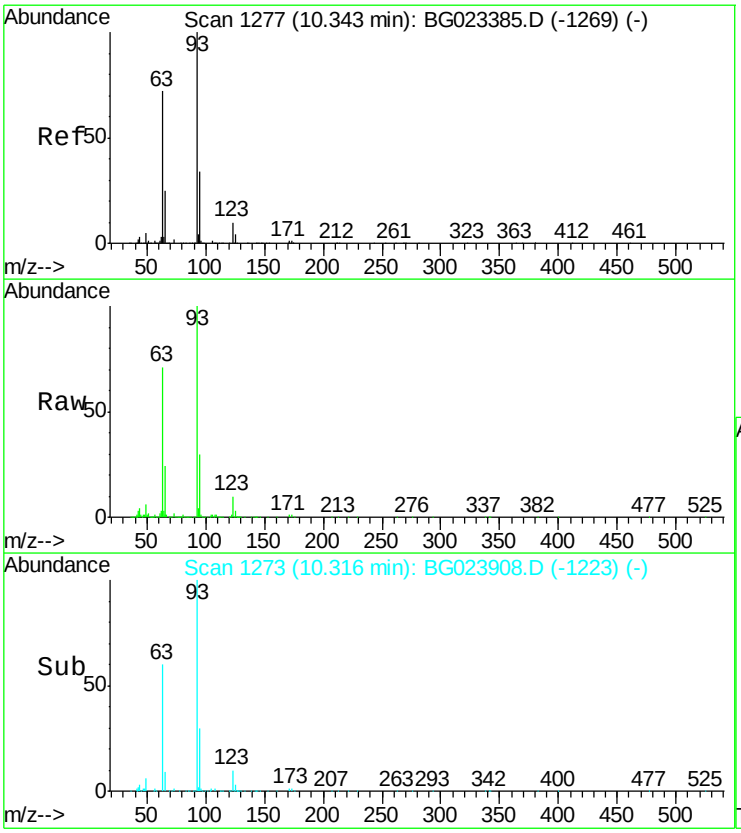

#27
2,4-Dimethylphenol
Concen: 33.53 ng
RT: 10.09 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:122 Resp: 296095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 129.4 | 117.0 | 175.4 |
| 121 | 59.2 | 50.1 | 75.1 |

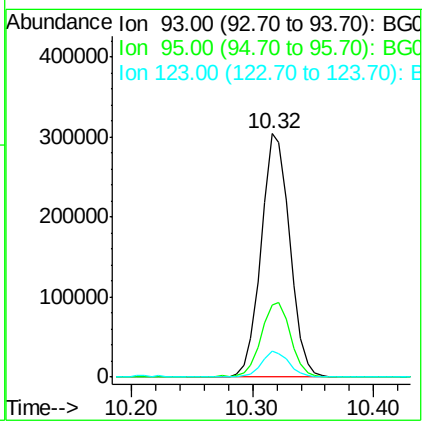


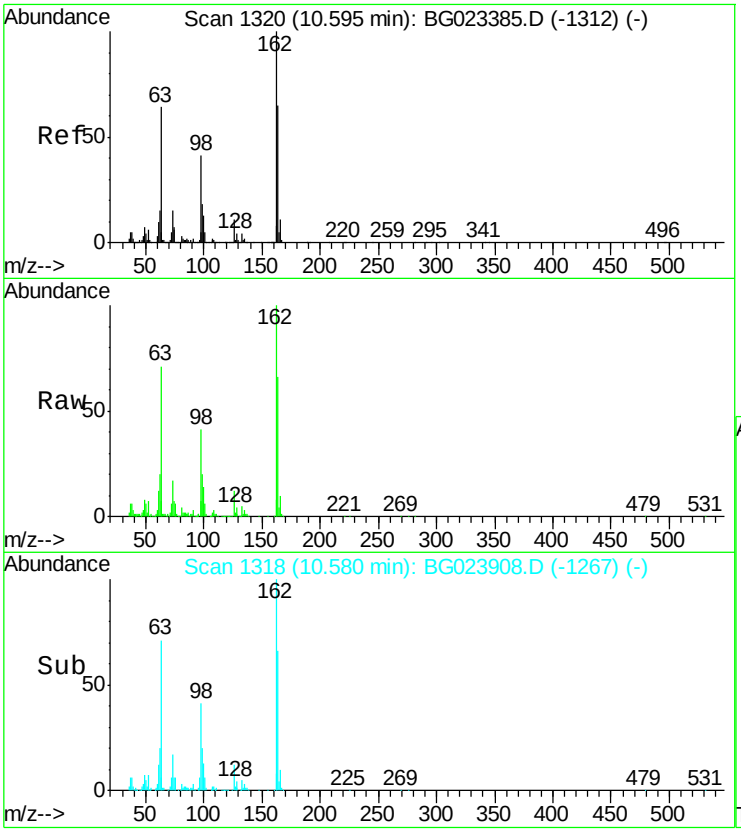




#28
bis(2-Chloroethoxy)methane
Concen: 35.79 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 93 Resp: 497385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 29.6 | 25.4 | 38.2 |
| 123 | 10.5 | 8.2 | 12.2 |



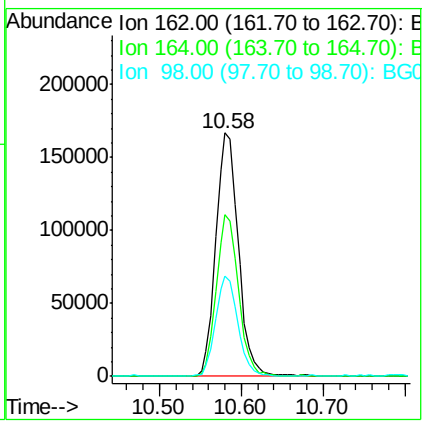


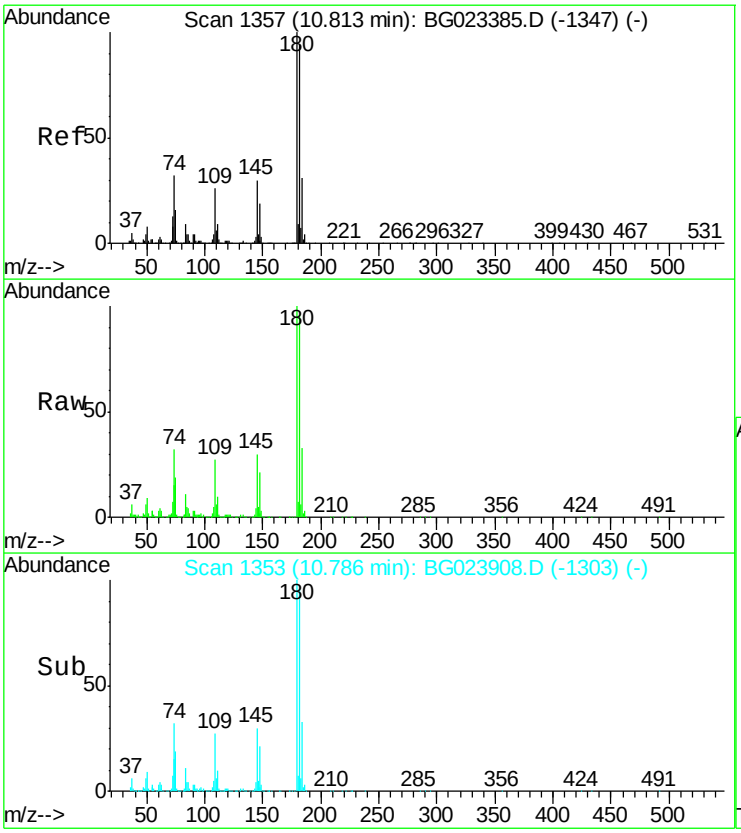

#29
2,4-Dichlorophenol
Concen: 36.18 ng
RT: 10.58 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:162 Resp: 321255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.2 | 44.3 | 84.3 |
| 98 | 41.0 | 19.5 | 59.5 |

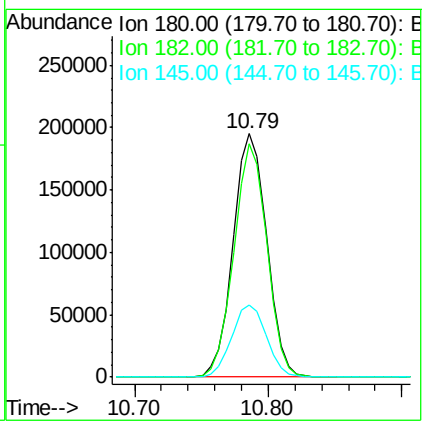


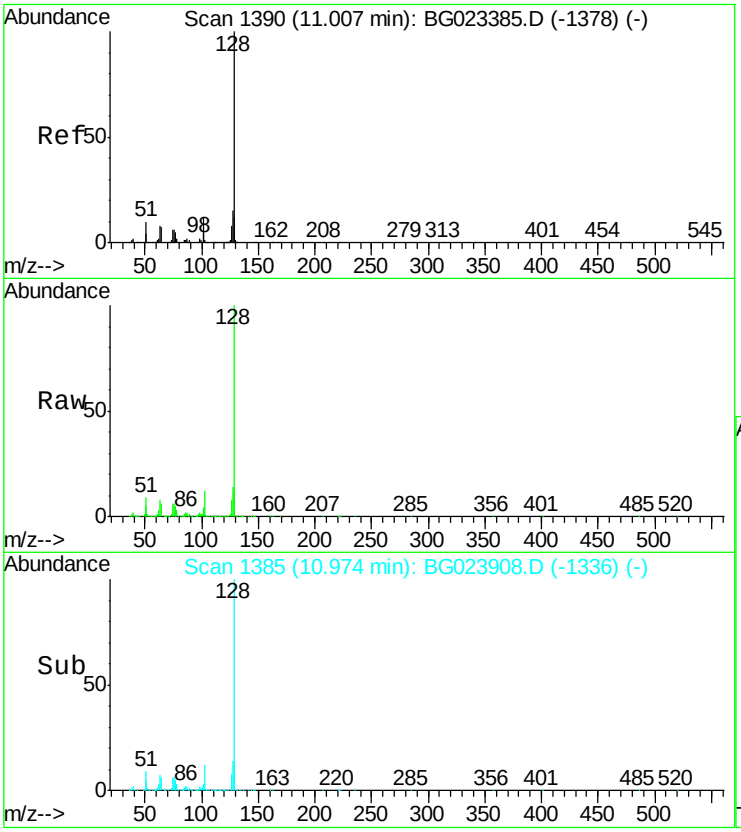




#30
1,2,4-Trichlorobenzene
Concen: 35.52 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:180 Resp: 340158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 73.8 | 110.8 |
| 145 | 29.7 | 24.4 | 36.6 |



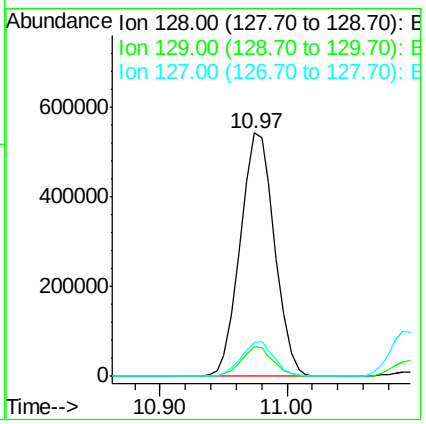


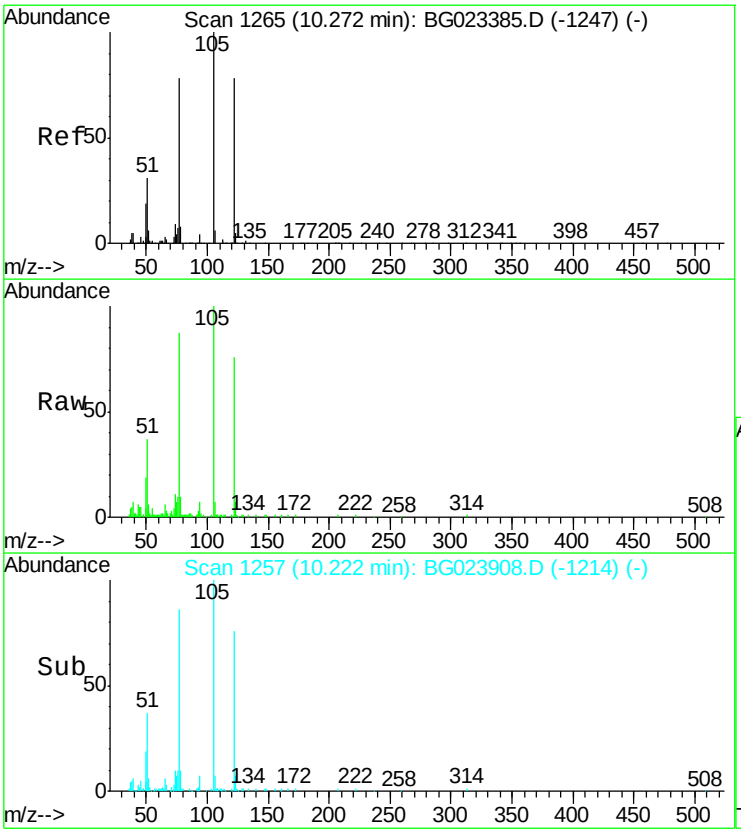

#31
Naphthalene
Concen: 36.18 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:128 Resp: 1016443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.1 | 9.4 | 14.0 |
| 127 | 13.8 | 11.3 | 16.9 |

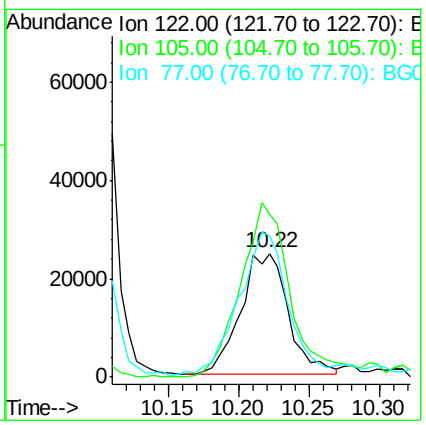


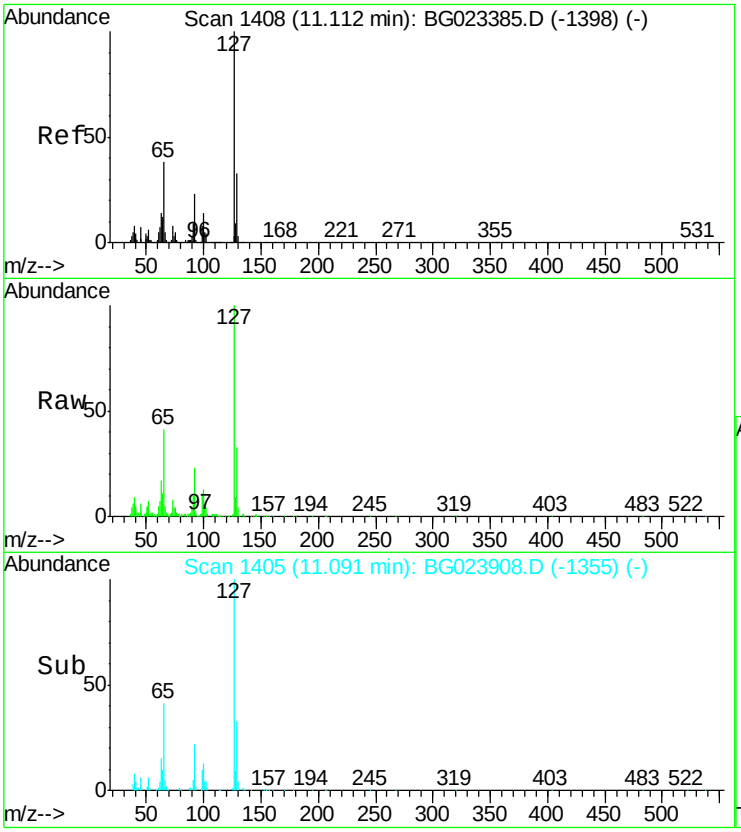




#32
Benzoic acid
Concen: 12.61 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:122 Resp: 57901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 131.5 | 117.2 | 157.2 |
| 77 | 114.4 | 109.2 | 149.2 |



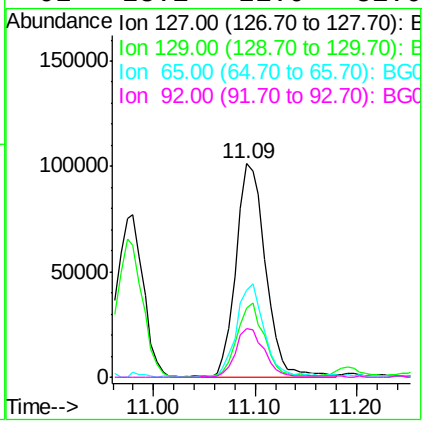


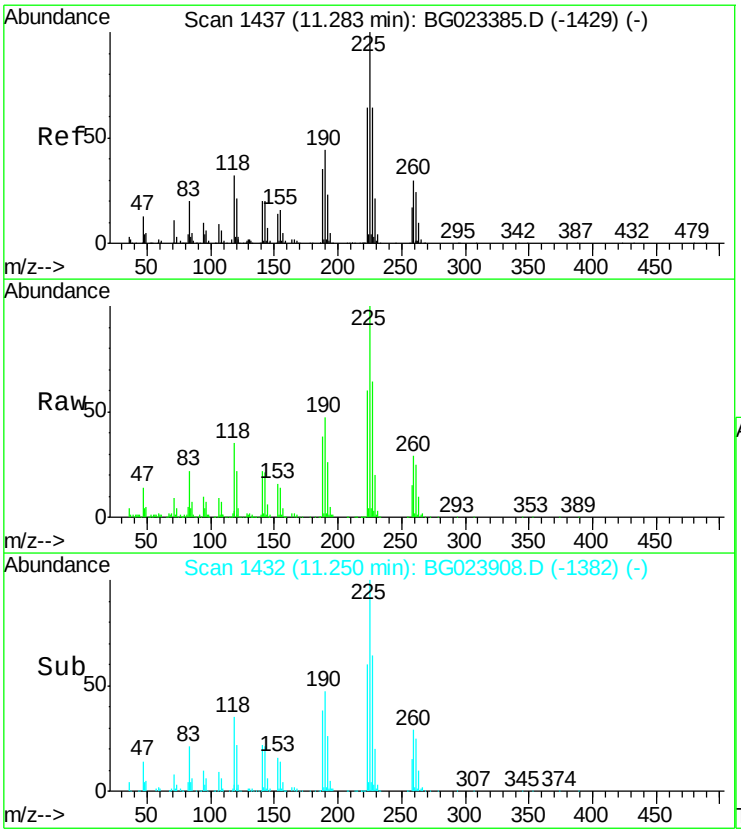

#33
4-Chloroaniline
Concen: 15.41 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:127 Resp: 207000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.5 | 27.9 | 41.9 |
| 65 | 41.0 | 36.8 | 55.2 |
| 92 | 23.1 | 21.0 | 31.6 |

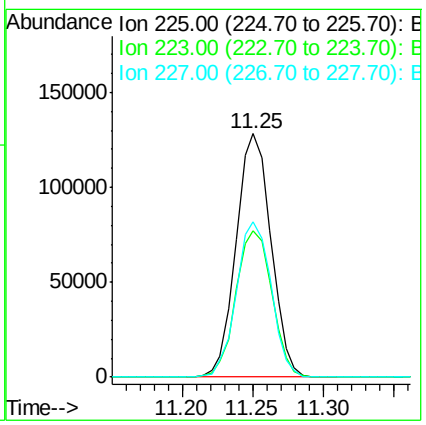


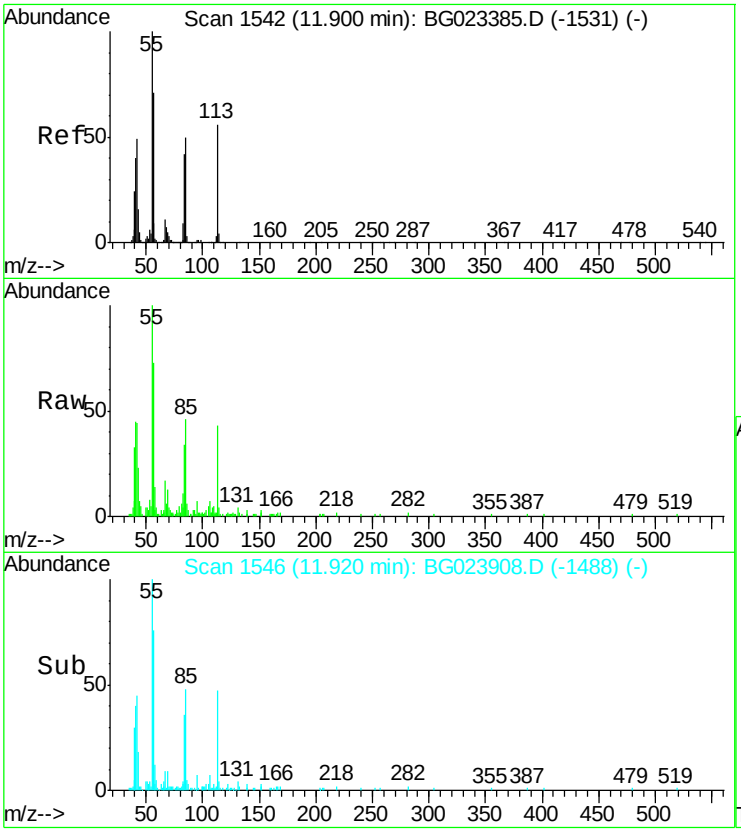




#34
Hexachlorobutadiene
Concen: 34.81 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:225 Resp: 219234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.3 | 49.6 | 74.4 |
| 227 | 64.0 | 54.5 | 81.7 |



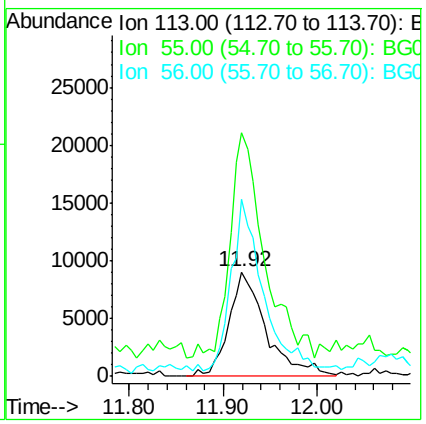


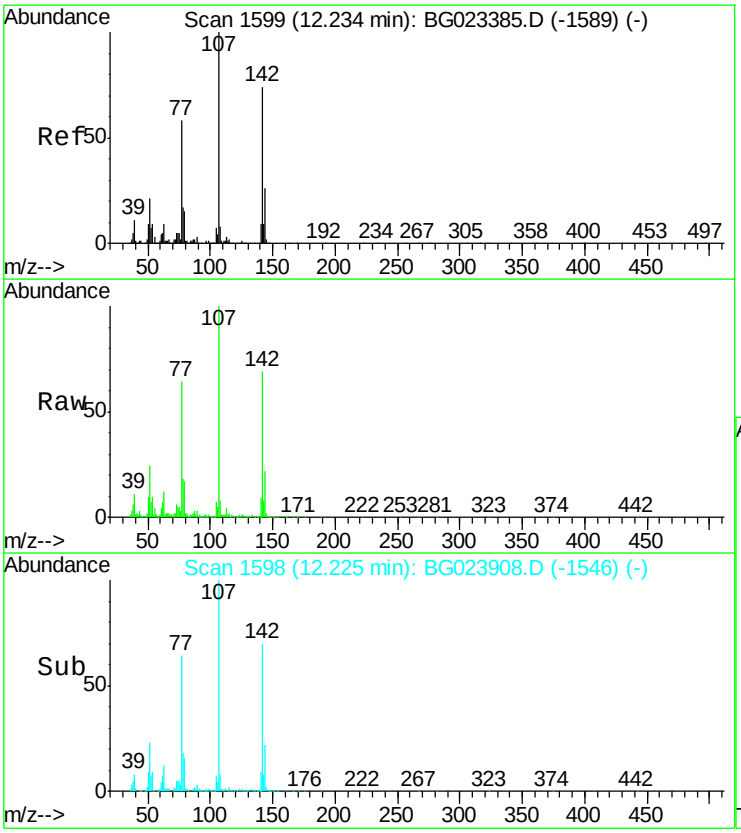

#35
Caprolactam
Concen: 6.63 ng
RT: 11.92 min Scan# 1546
Delta R.T. 0.04 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:113 Resp: 24776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 232.6 | 154.5 | 194.5# |
| 56 | 168.9 | 125.1 | 165.1# |

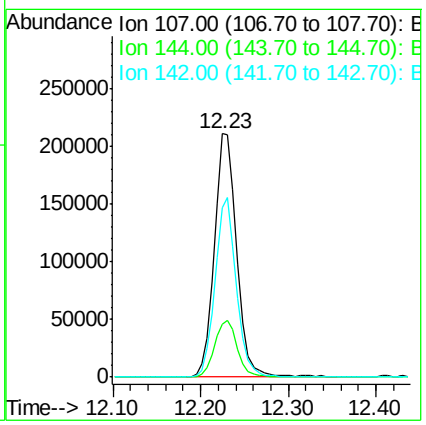


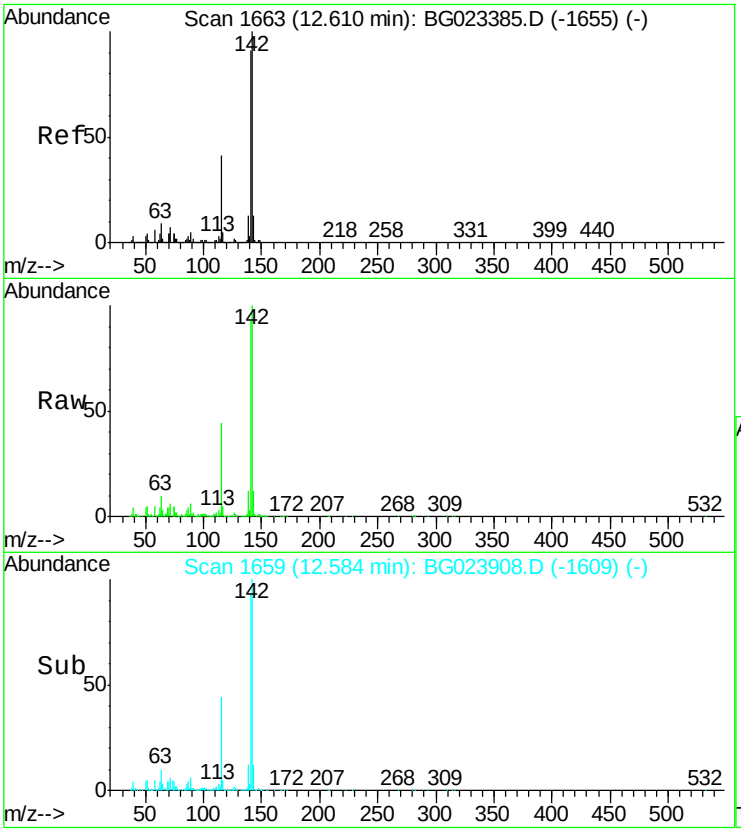




#36
4-Chloro-3-methylphenol
Concen: 31.85 ng
RT: 12.23 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:107 Resp: 371644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.8 | 17.0 | 25.6 |
| 142 | 69.4 | 53.0 | 79.6 |



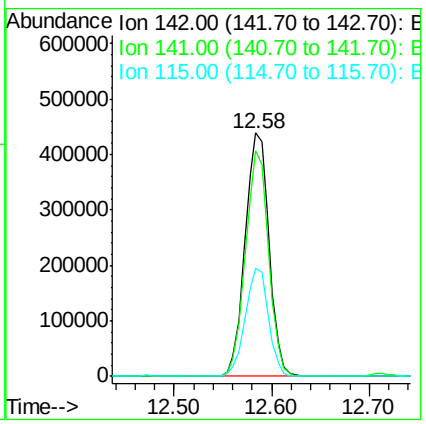


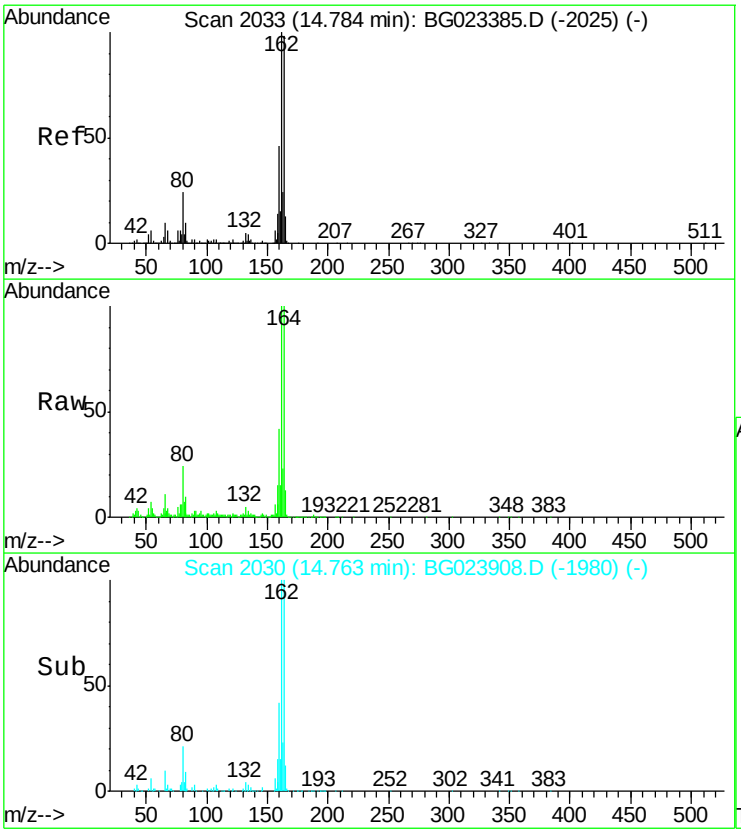

#37
2-Methylnaphthalene
Concen: 35.25 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:142 Resp: 753042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.7 | 70.2 | 105.2 |
| 115 | 44.1 | 41.7 | 62.5 |

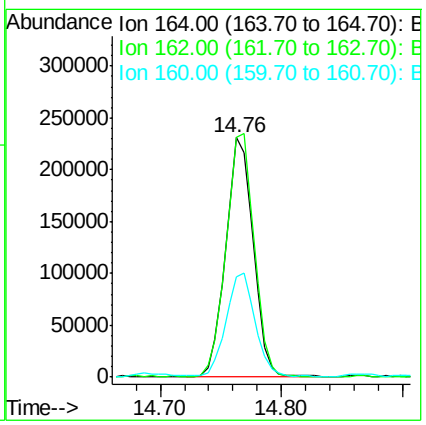


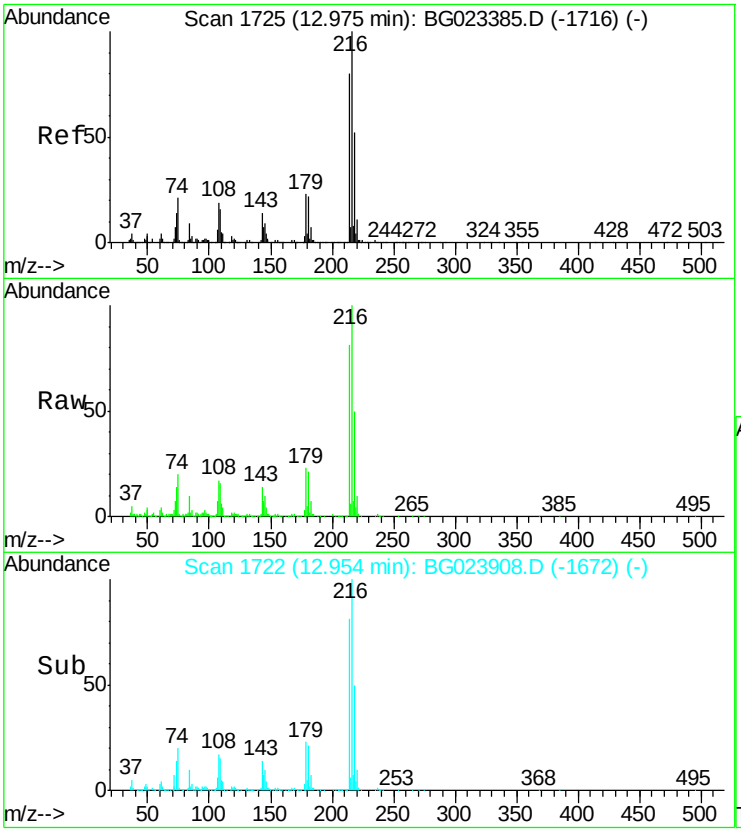




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:164 Resp: 365466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.2 | 87.7 | 131.5 |
| 160 | 42.0 | 37.2 | 55.8 |



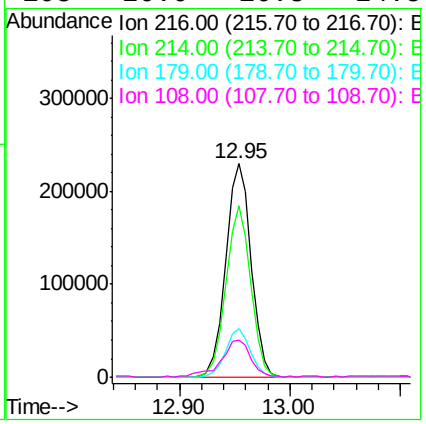


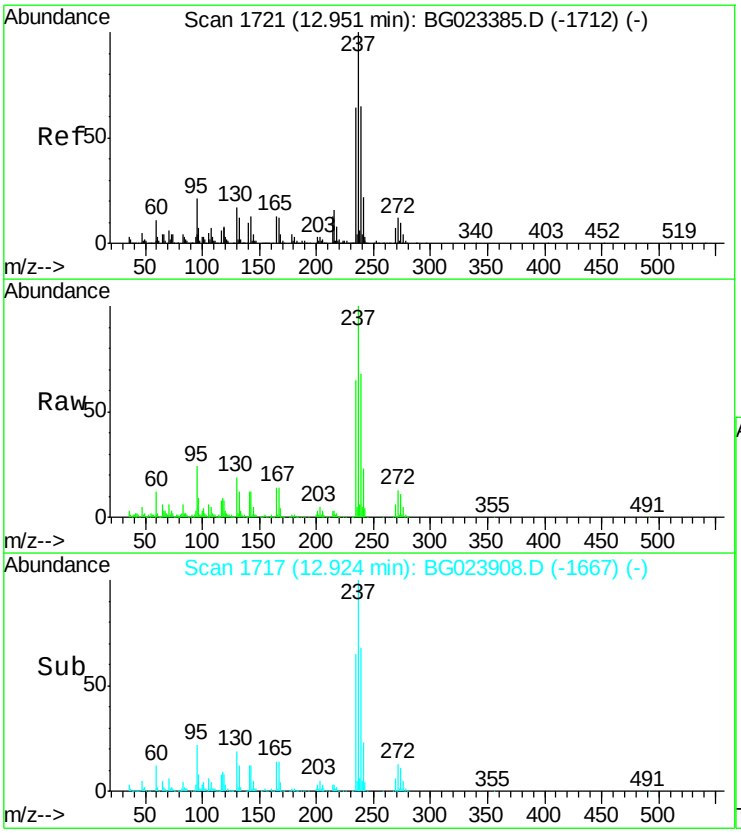

#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.82 ng
RT: 12.95 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:216 Resp: 368653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.9 | 94.3 |
| 179 | 22.3 | 17.2 | 25.8 |
| 108 | 20.0 | 16.3 | 24.5 |

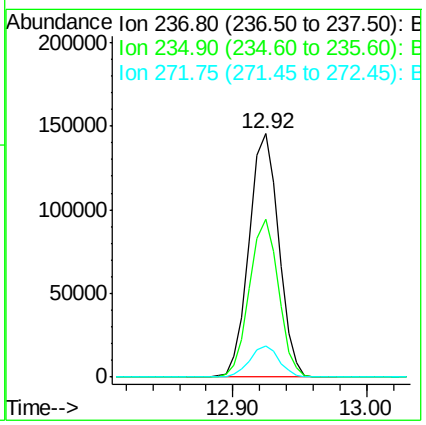


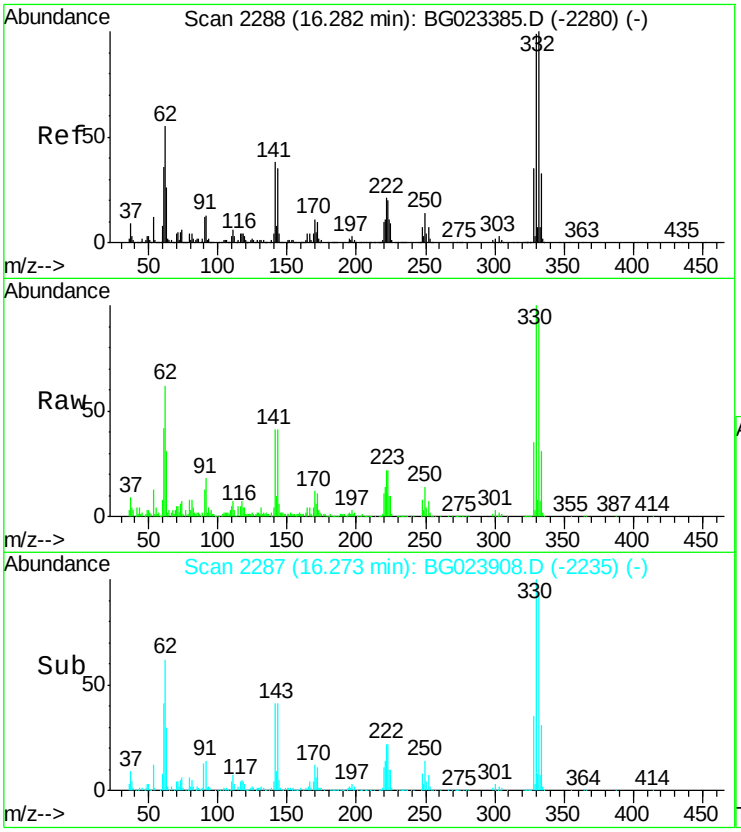




#40
Hexachlorocyclopentadiene
Concen: 33.18 ng
RT: 12.92 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:237 Resp: 221743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.7 | 43.1 | 83.1 |
| 272 | 12.6 | 0.0 | 30.9 |



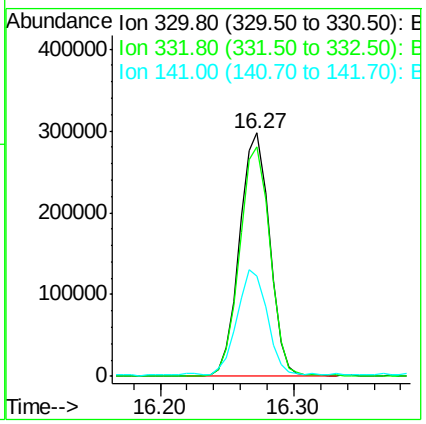


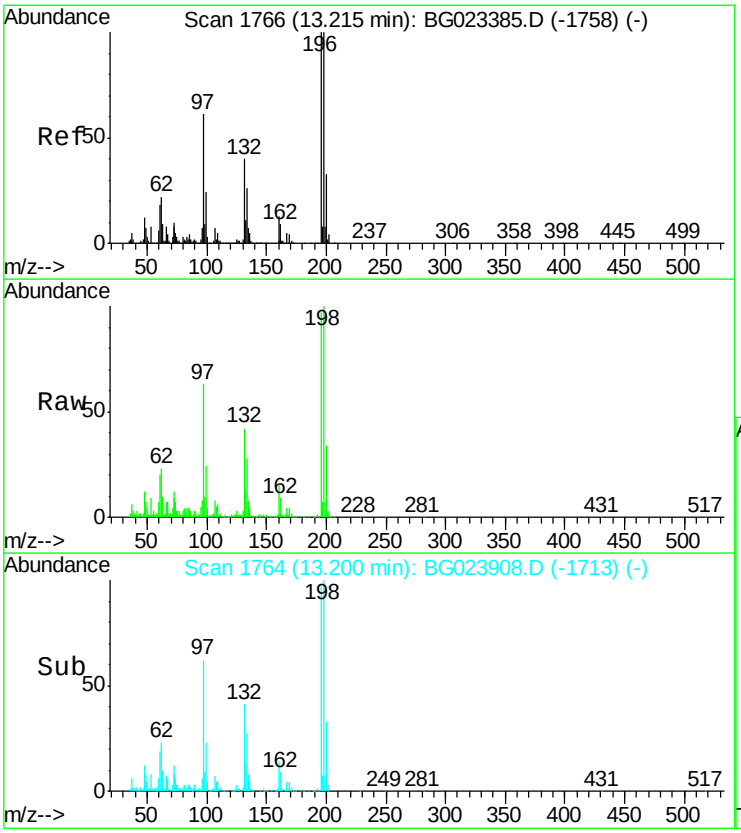

#41
2,4,6-Tribromophenol
Concen: 86.51 ng
RT: 16.27 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:330 Resp: 462441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.4 | 116.2 |
| 141 | 43.1 | 31.7 | 47.5 |

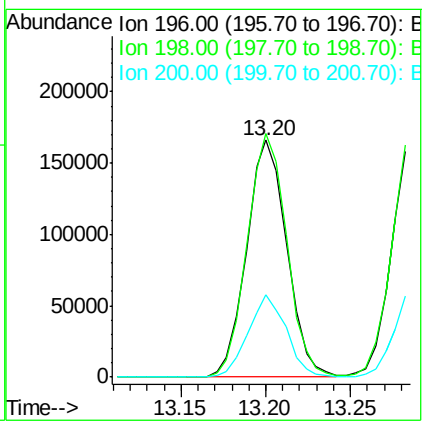


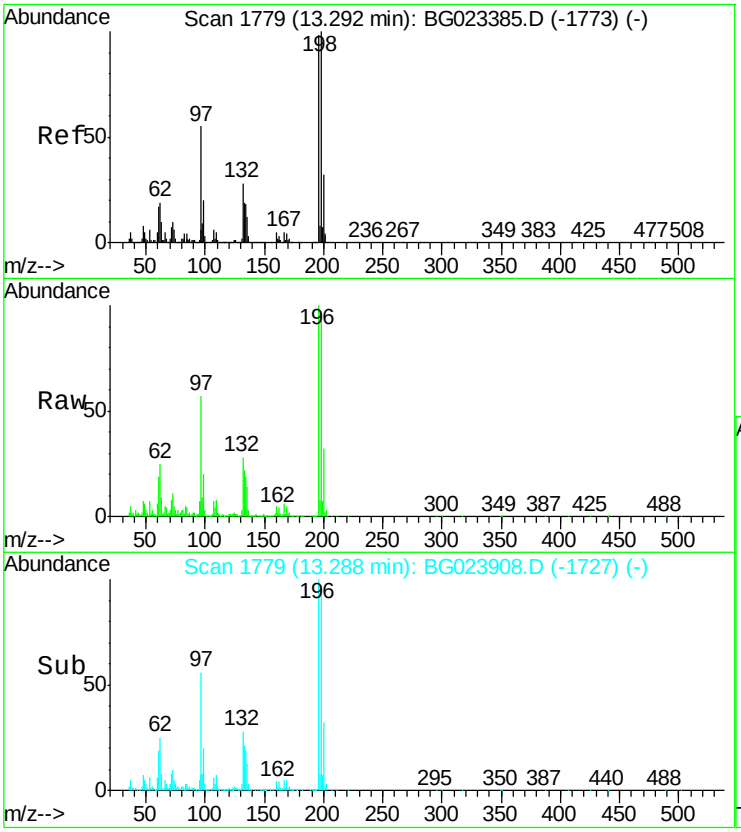




#42
2,4,6-Trichlorophenol
Concen: 34.59 ng
RT: 13.20 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:196 Resp: 273106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.7 | 78.2 | 117.2 |
| 200 | 34.5 | 27.0 | 40.4 |



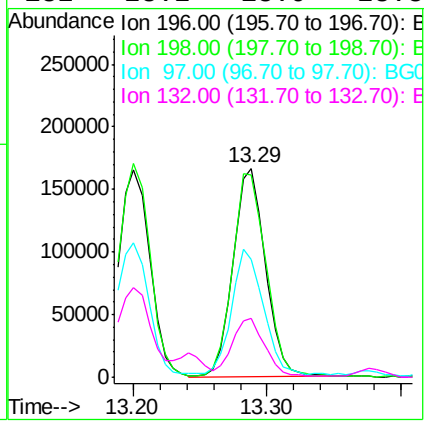


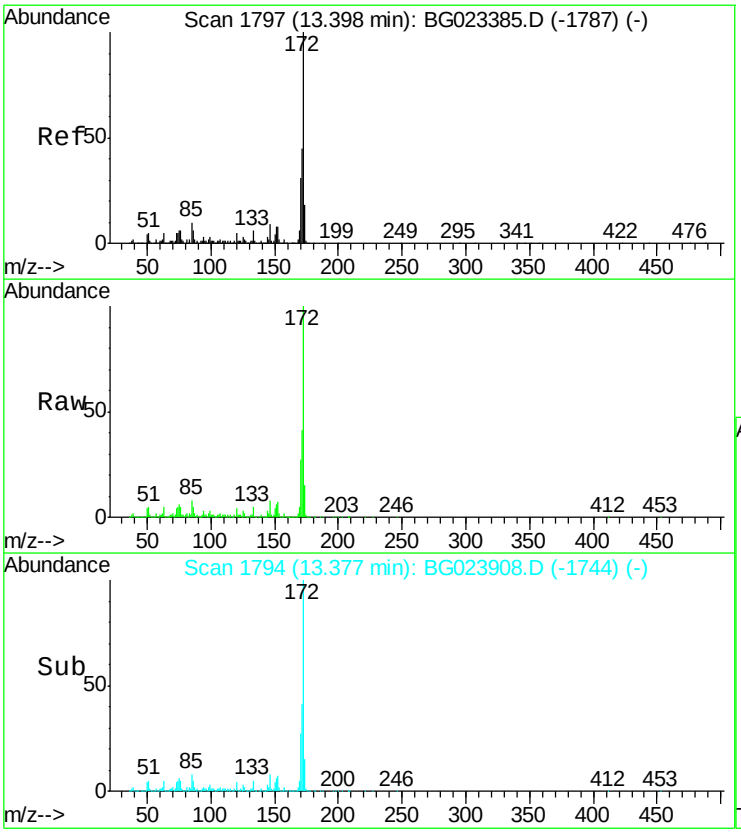

#43
2,4,5-Trichlorophenol
Concen: 34.50 ng
RT: 13.29 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:196 Resp: 280406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.1 | 85.7 | 128.5 |
| 97 | 56.6 | 45.5 | 68.3 |
| 132 | 28.2 | 18.9 | 28.3 |

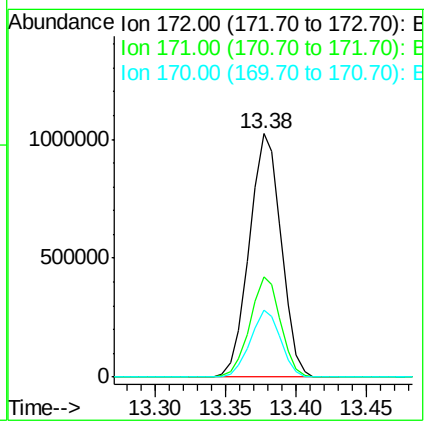


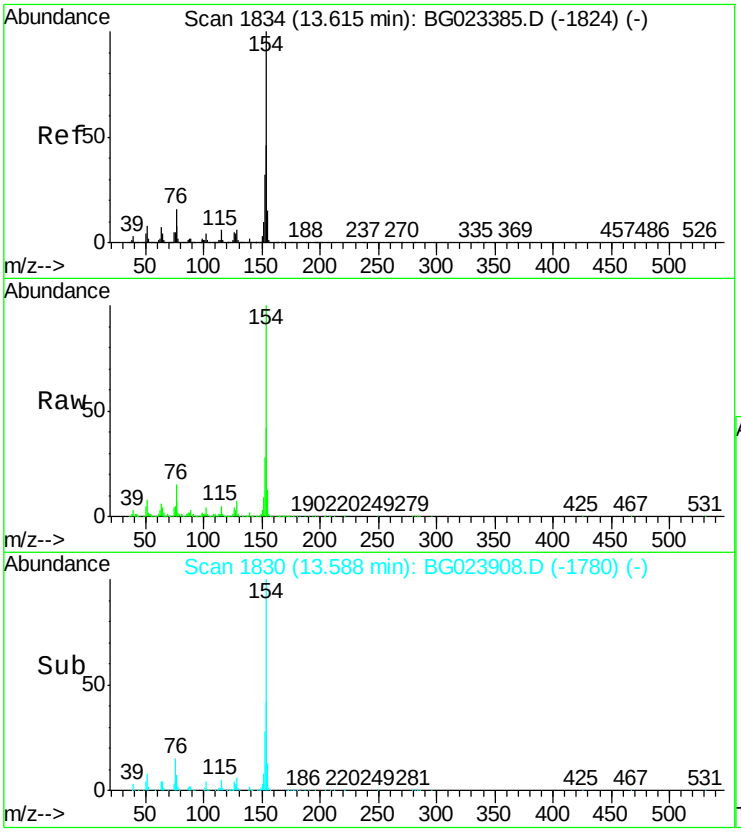




#44
2-Fluorobiphenyl
Concen: 74.91 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:172 Resp: 1623086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.3 | 31.6 | 47.4 |
| 170 | 27.5 | 21.3 | 31.9 |



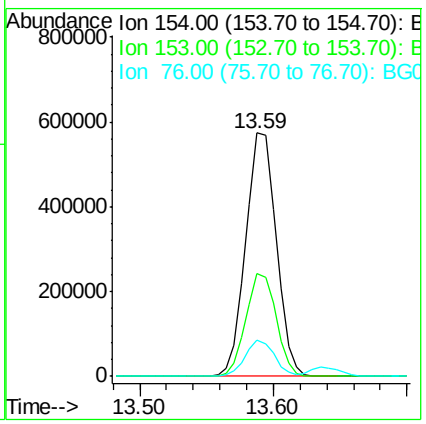


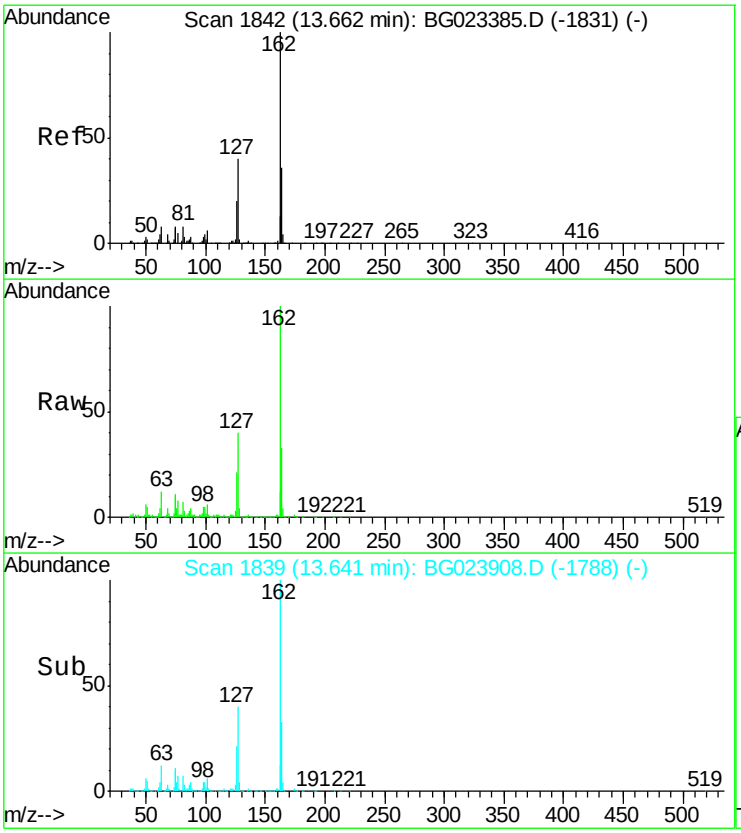

#45
1,1'-Biphenyl
Concen: 32.37 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:154 Resp: 904442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.1 | 20.2 | 60.2 |
| 76 | 15.0 | 0.0 | 32.9 |

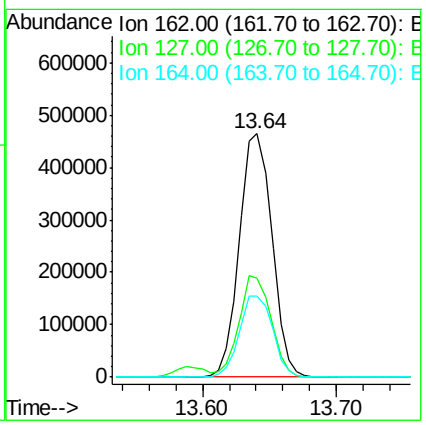


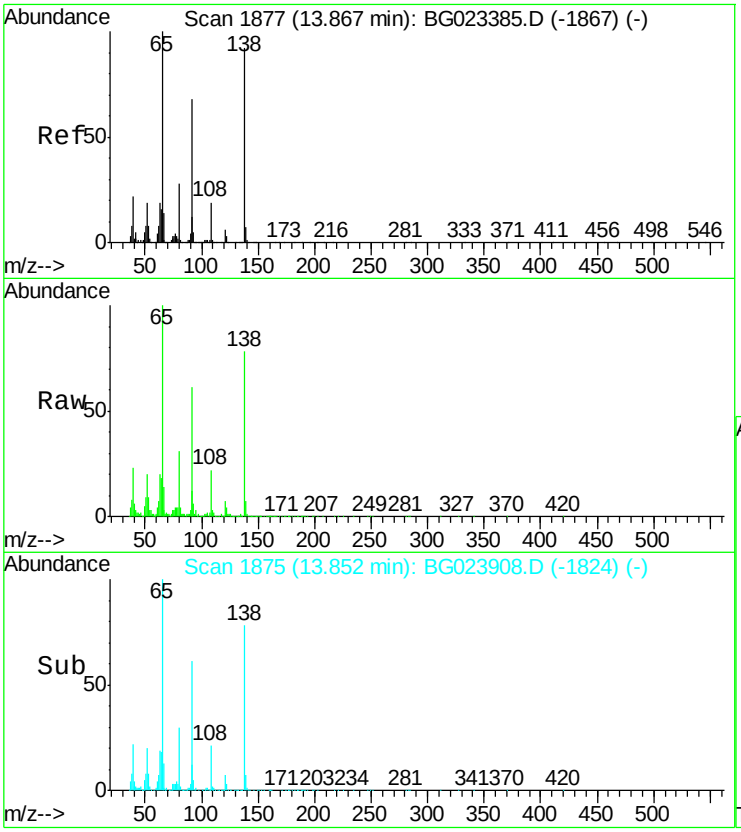




#46
2-Chloronaphthalene
Concen: 36.23 ng
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:162 Resp: 783133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.5 | 32.4 | 48.6 |
| 164 | 33.4 | 25.2 | 37.8 |



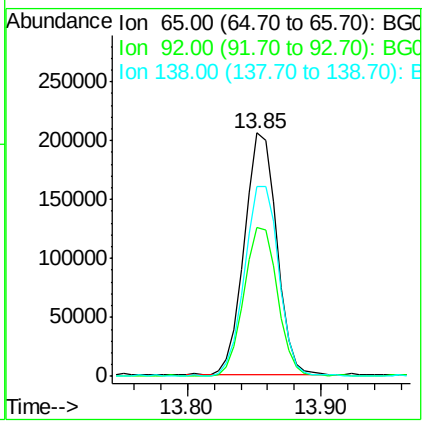


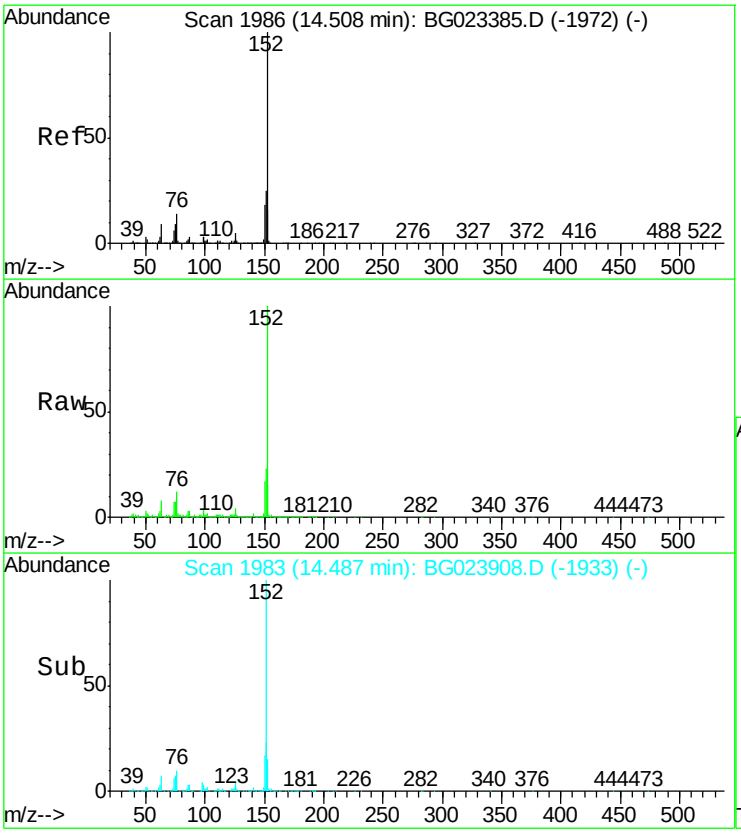

#47
2-Nitroaniline
Concen: 38.22 ng
RT: 13.85 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :** BNA_G
**ClientSampleId :** MW-04MSD

Tgt Ion: 65 Resp: 342931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.9 | 49.4 | 74.0 |
| 138 | 77.8 | 58.0 | 87.0 |

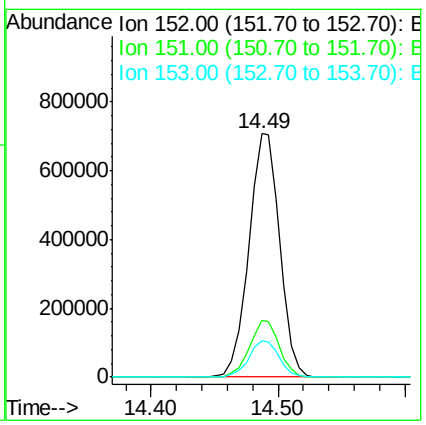


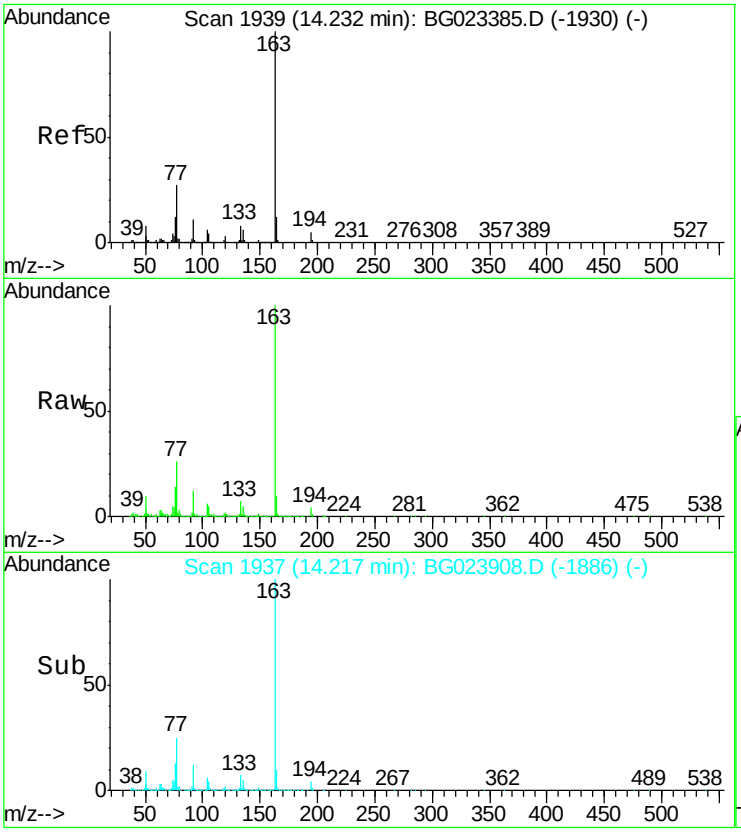




#48
Acenaphthylene
Concen: 34.87 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:152 Resp: 1191458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.4 | 17.6 | 26.4 |
| 153 | 14.7 | 11.4 | 17.2 |



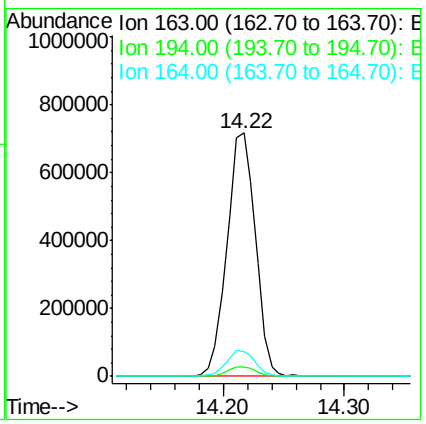


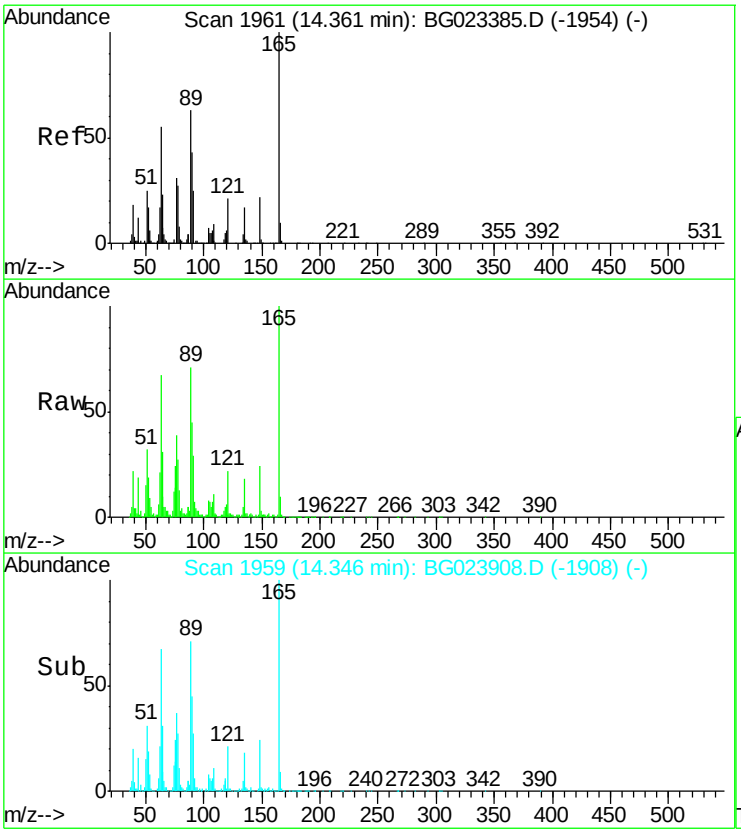

#49
Dimethylphthalate
Concen: 41.79 ng
RT: 14.22 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:163 Resp: 1171712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.6 | 5.4 |
| 164 | 10.2 | 8.1 | 12.1 |

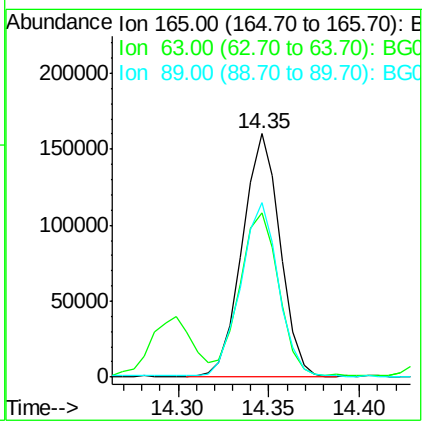


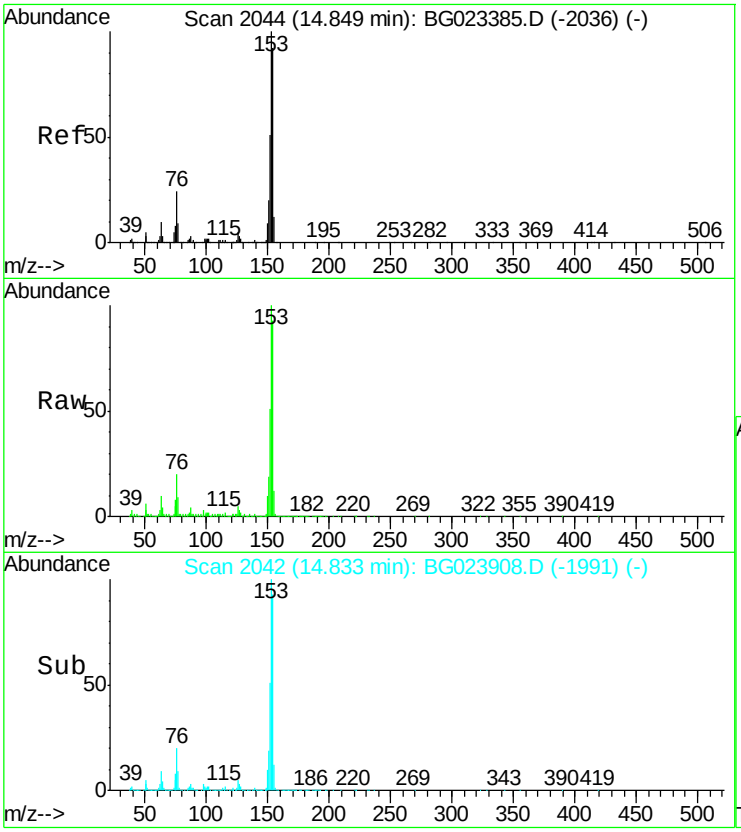




#50
2,6-Dinitrotoluene
Concen: 35.07 ng
RT: 14.35 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:165 Resp: 232886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.4 | 64.3 | 96.5 |
| 89 | 71.4 | 64.3 | 96.5 |



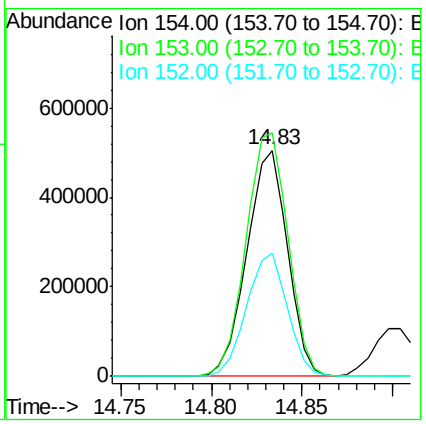


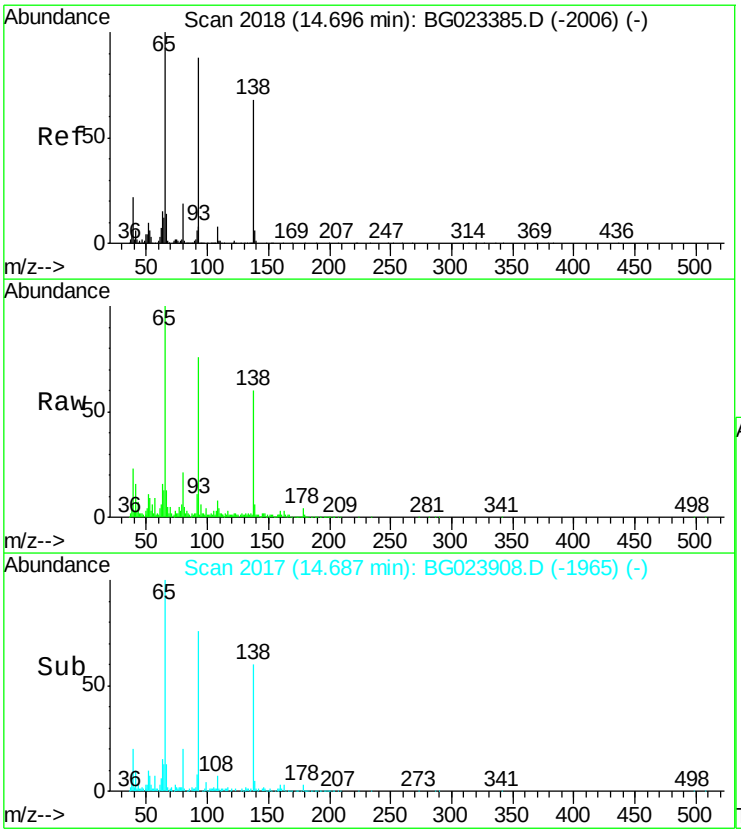

#51
Acenaphthene
Concen: 36.29 ng
RT: 14.83 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:154 Resp: 785415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.6 | 87.5 | 131.3 |
| 152 | 54.7 | 42.7 | 64.1 |

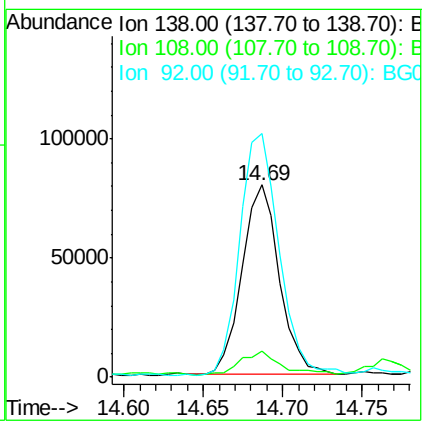


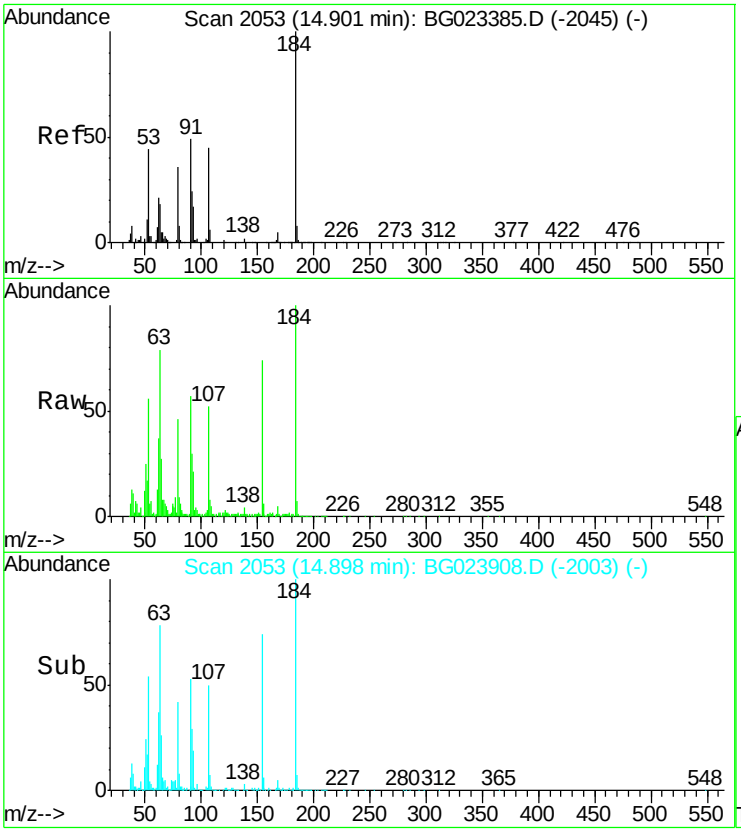




#52
3-Nitroaniline
Concen: 17.40 ng
RT: 14.69 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:138 Resp: 130276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.6 | 11.7 | 17.5 |
| 92 | 126.8 | 129.7 | 194.5# |



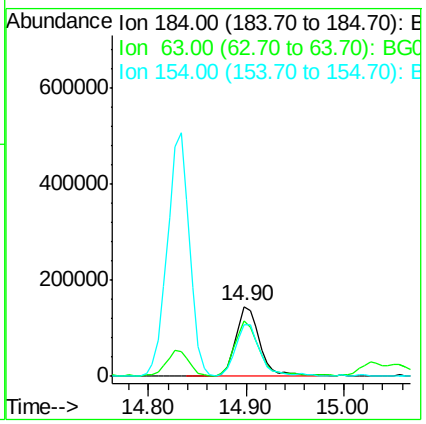


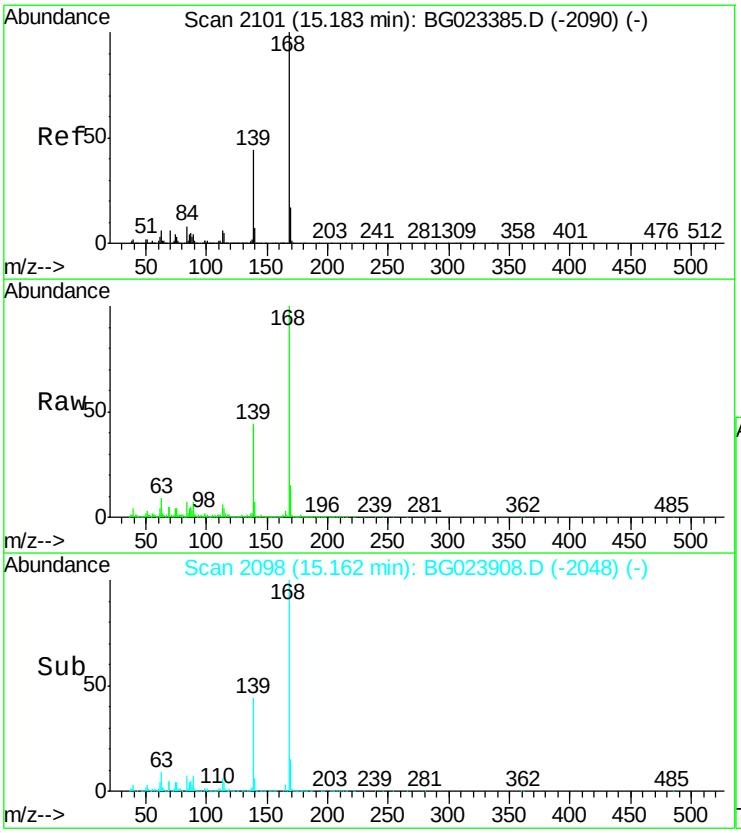

#53
2,4-Dinitrophenol
Concen: 59.25 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:184 Resp: 252183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 79.4 | 59.6 | 89.4 |
| 154 | 73.8 | 67.4 | 101.0 |

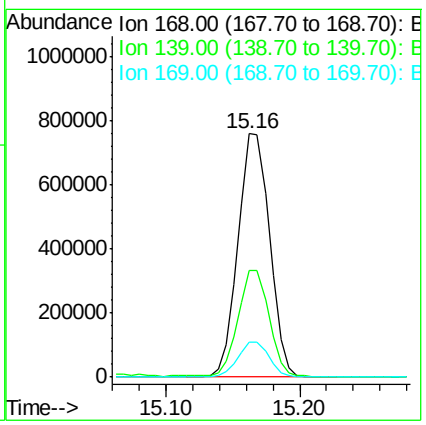


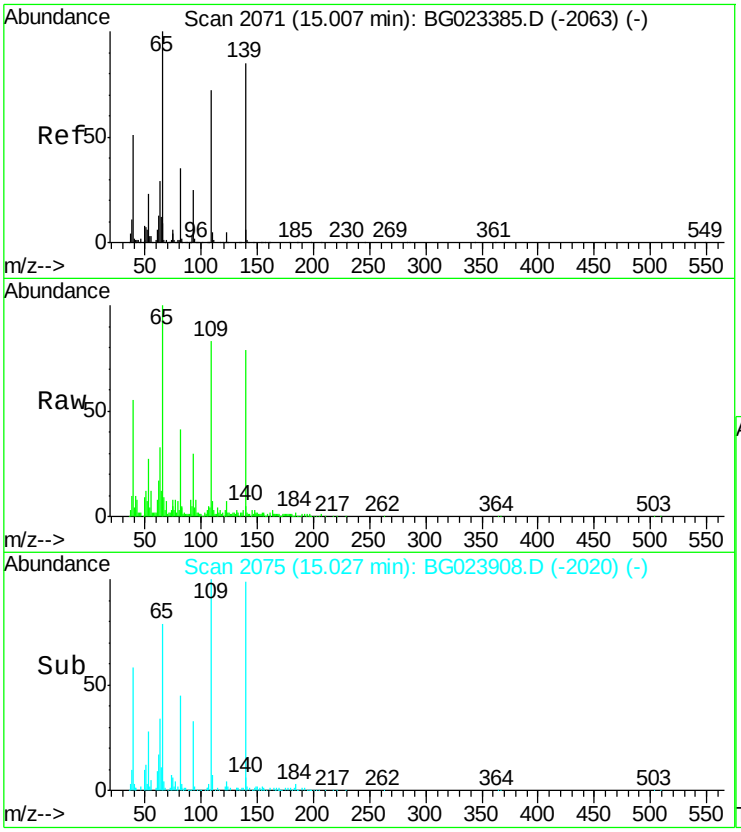




#54
Dibenzofuran
Concen: 39.46 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:168 Resp: 1239961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.6 | 36.4 | 54.6 |
| 169 | 14.6 | 11.9 | 17.9 |



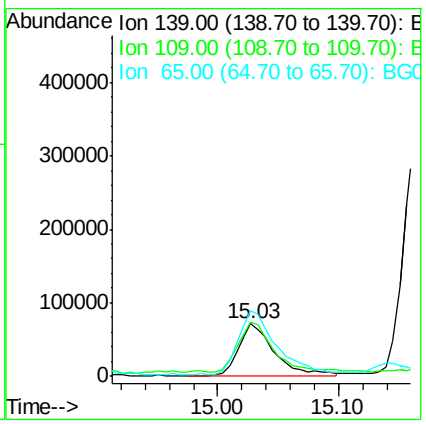


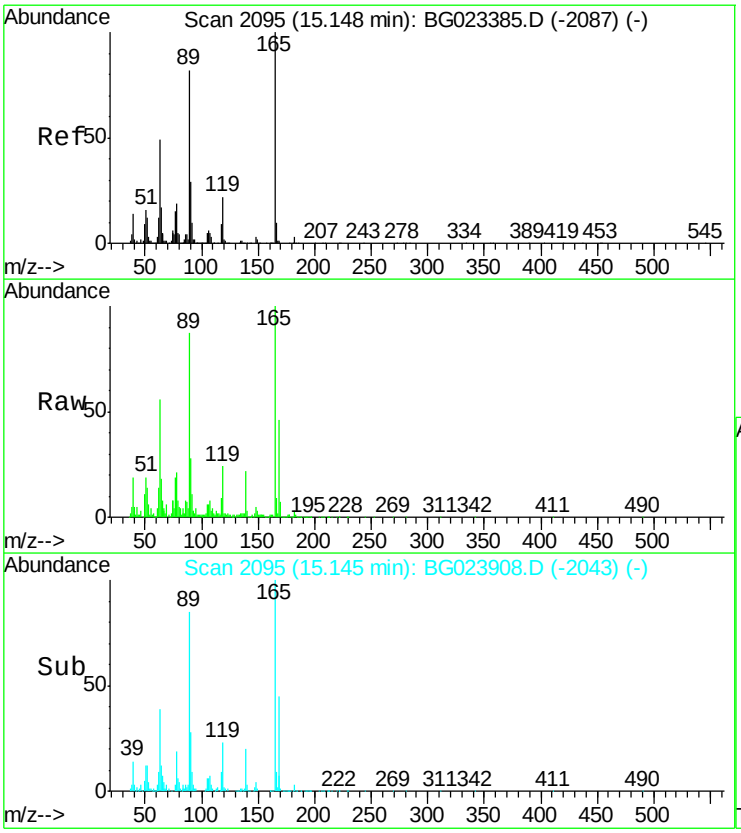

#55
4-Nitrophenol
Concen: 24.27 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:139 Resp: 142720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 104.5 | 103.0 | 143.0 |
| 65 | 125.8 | 112.7 | 152.7 |

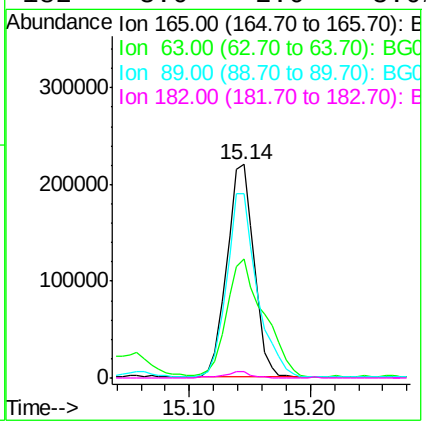


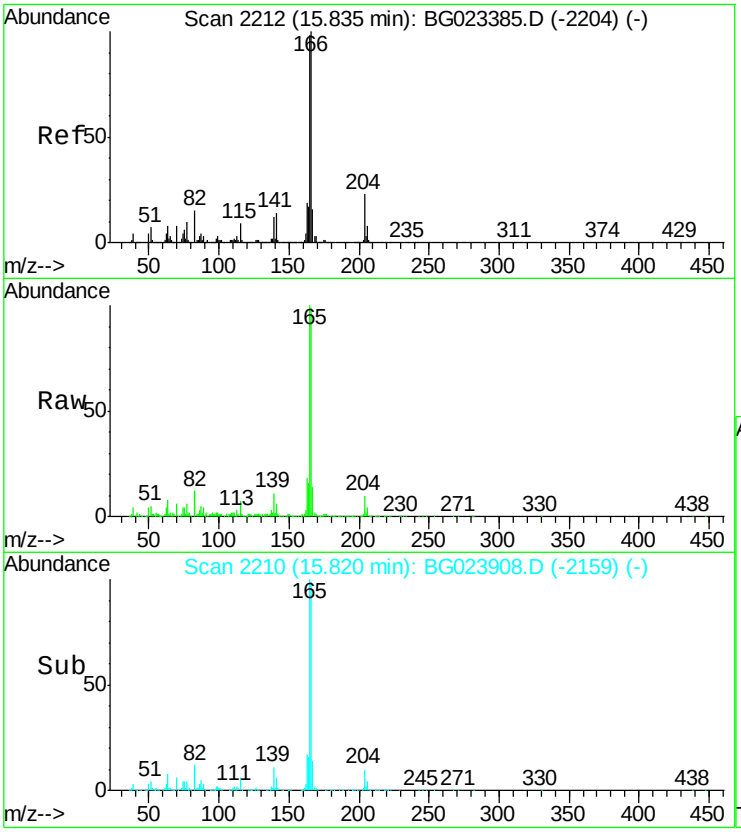




#56
2,4-Dinitrotoluene
Concen: 36.89 ng
RT: 15.14 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:165 Resp: 343845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.9 | 45.8 | 68.6 |
| 89 | 86.6 | 68.6 | 102.8 |
| 182 | 3.0 | 2.0 | 3.0# |



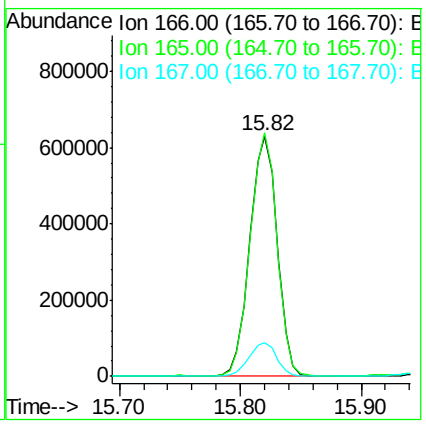


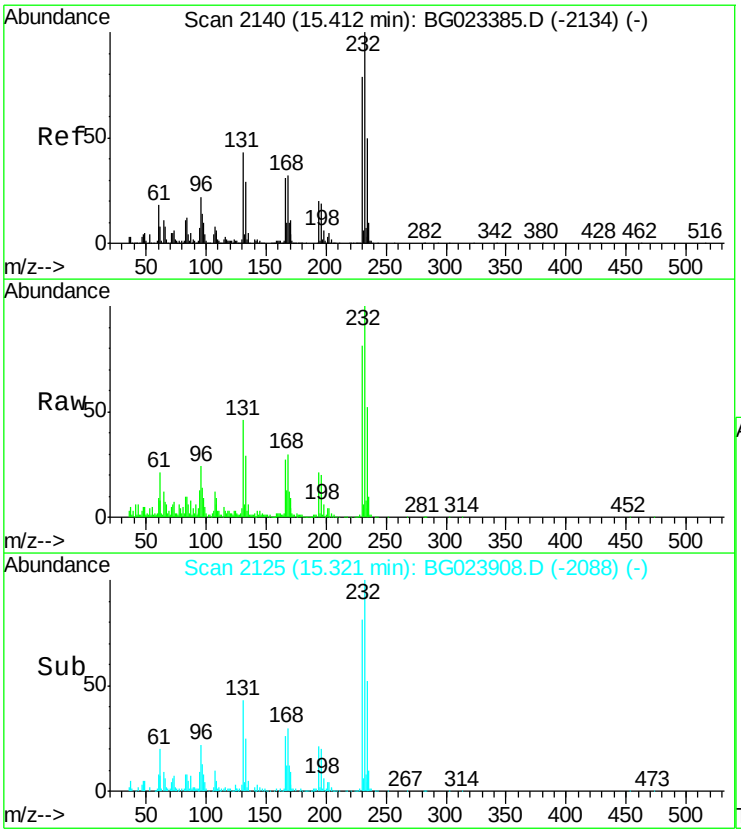

#57
Fluorene
Concen: 36.20 ng
RT: 15.82 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:166 Resp: 992737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.3 | 81.0 | 121.6 |
| 167 | 14.2 | 12.0 | 18.0 |

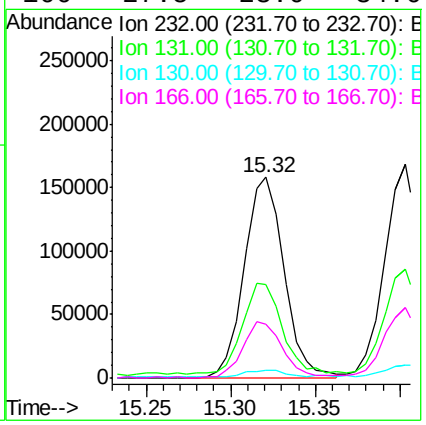


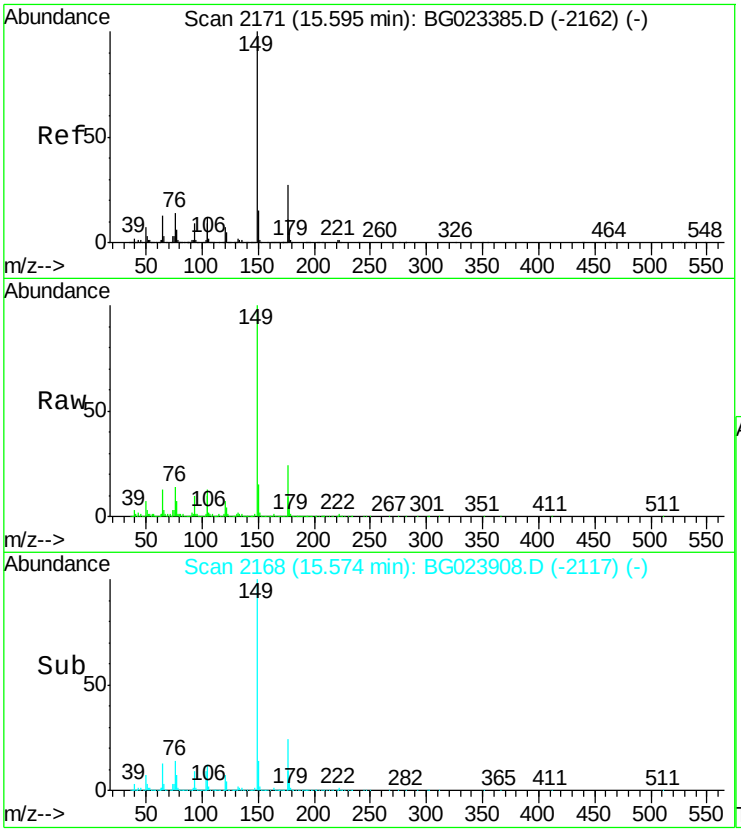




#58
2,3,4,6-Tetrachlorophenol
Concen: 34.73 ng
RT: 15.32 min Scan# 2125
Delta R.T. -0.08 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:232 Resp: 259000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 47.1 | 32.7 | 49.1 |
| 130 | 3.3 | 2.6 | 3.8 |
| 166 | 27.5 | 23.0 | 34.6 |



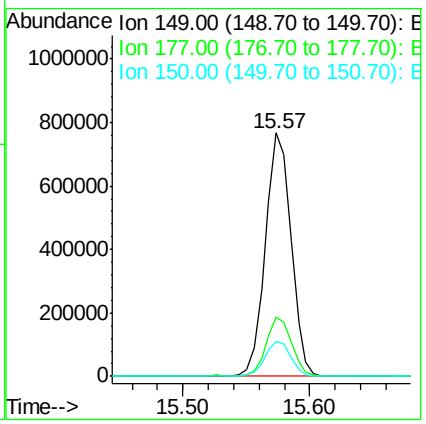


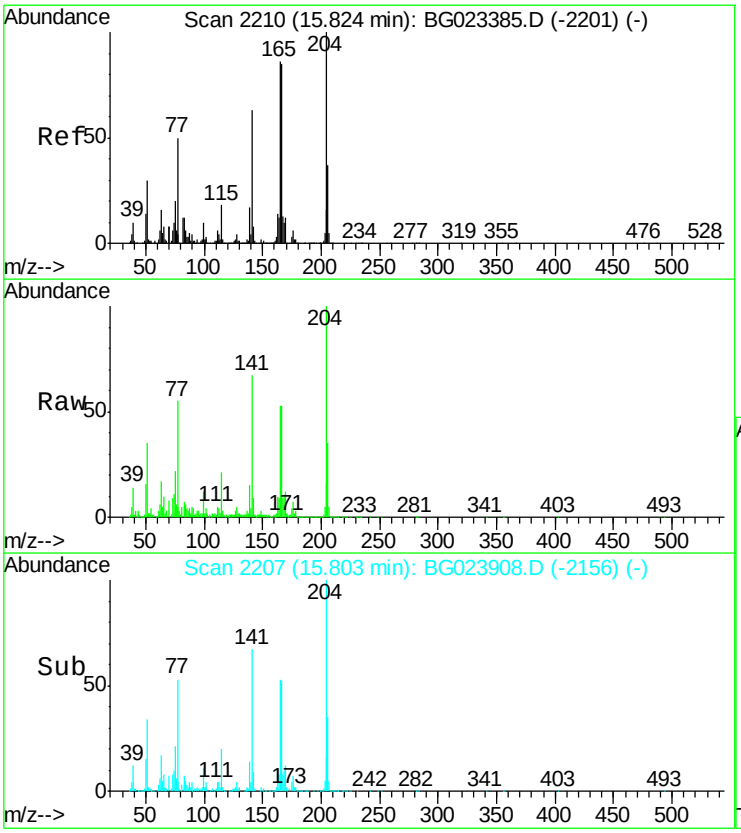

#59
Diethylphthalate
Concen: 37.73 ng
RT: 15.57 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:149 Resp: 1074022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 19.2 | 28.8 |
| 150 | 14.6 | 10.6 | 16.0 |

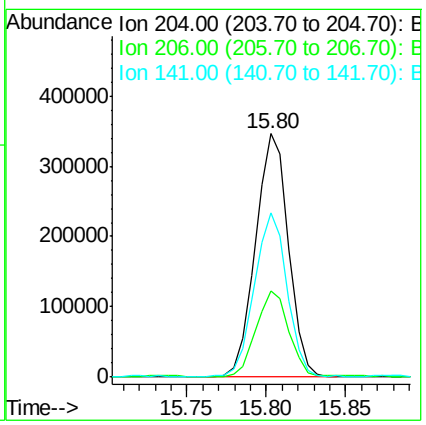


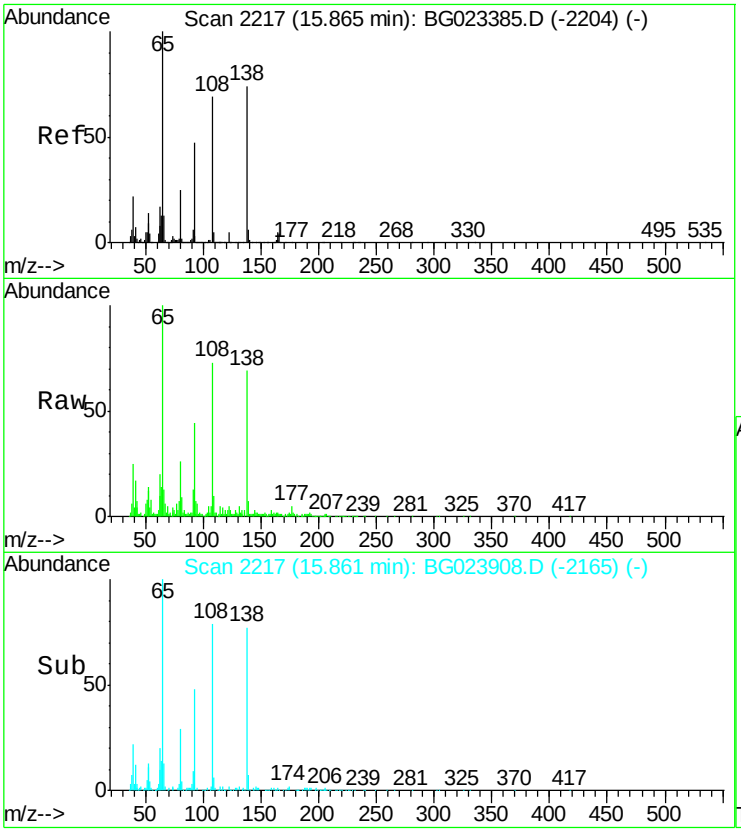




#60
4-Chlorophenyl-phenylether
Concen: 34.54 ng
RT: 15.80 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:204 Resp: 501175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.3 | 28.5 | 42.7 |
| 141 | 67.5 | 51.4 | 77.0 |



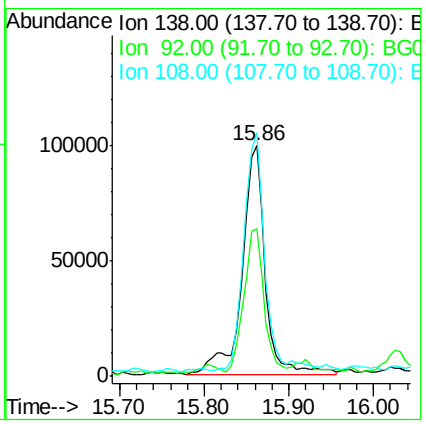


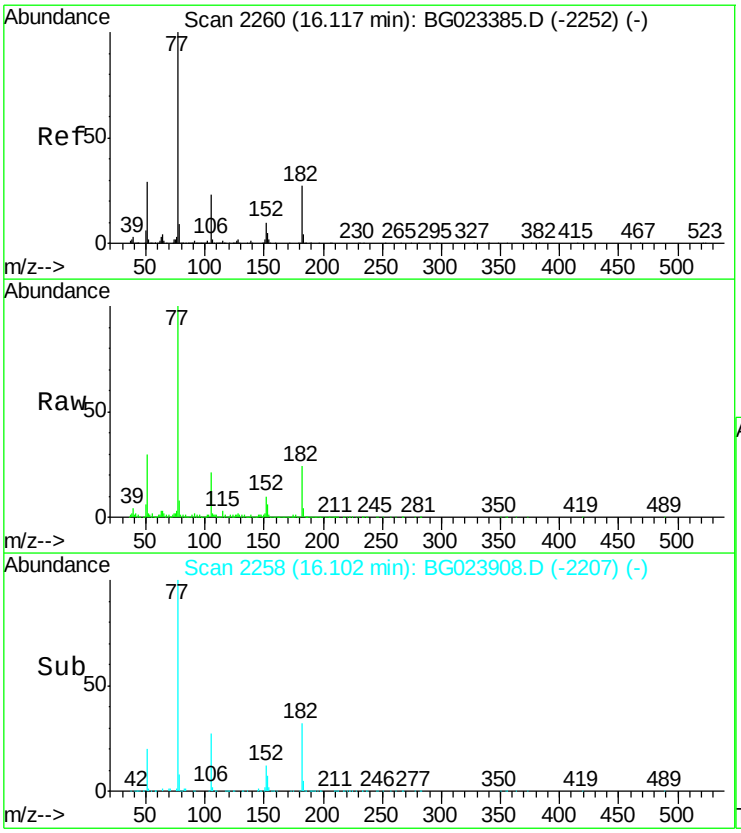

#61
4-Nitroaniline
Concen: 23.84 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:138 Resp: 190083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 63.9 | 54.1 | 94.1 |
| 108 | 105.6 | 133.9 | 173.9# |

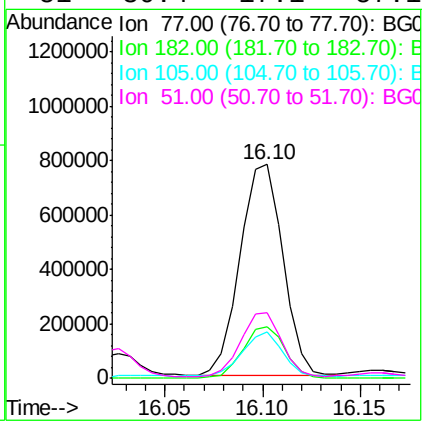


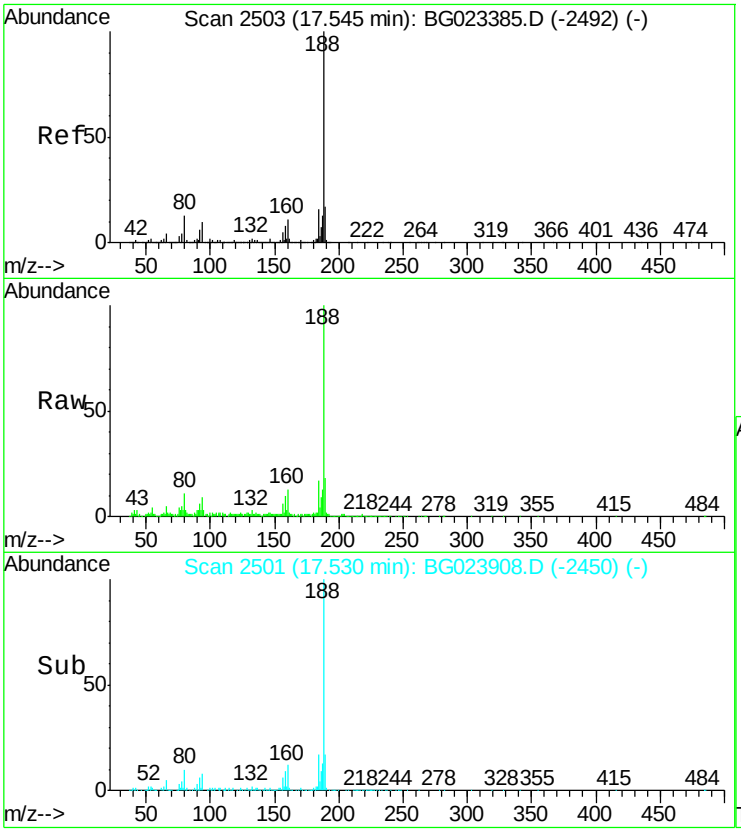




#62
Azobenzene
Concen: 41.02 ng
RT: 16.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion: 77 Resp: 1183628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.3 | 3.5 | 43.5 |
| 105 | 21.4 | 0.0 | 38.5 |
| 51 | 30.4 | 17.1 | 57.1 |



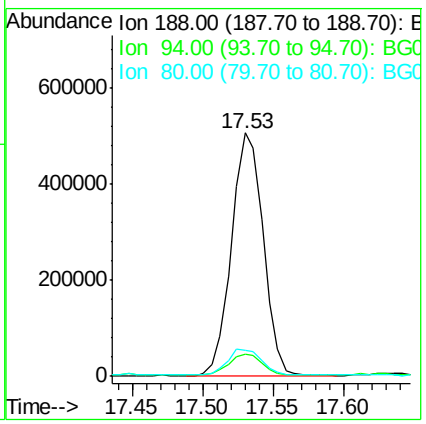


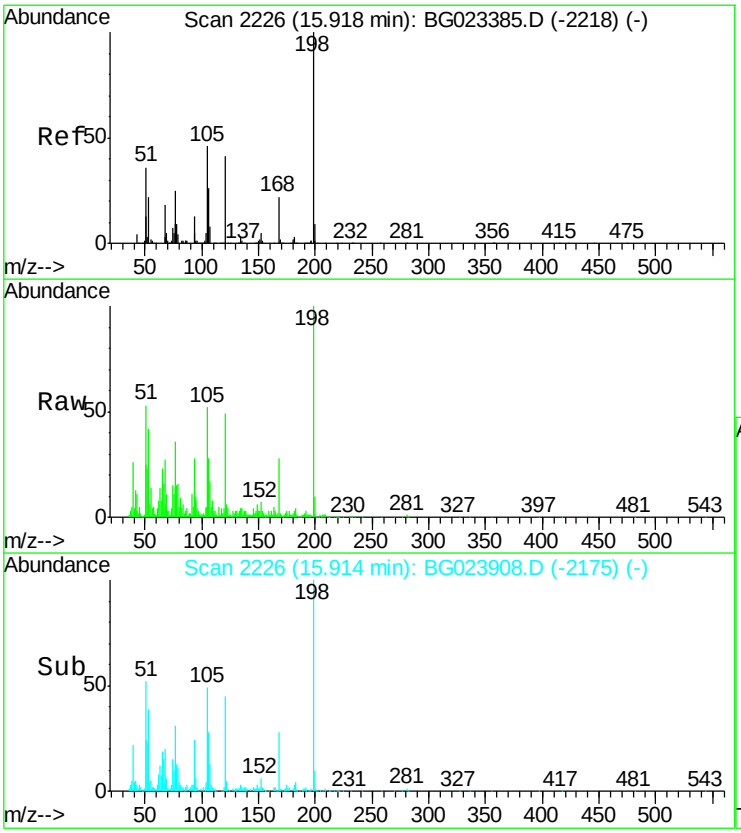

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:188 Resp: 790939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 5.2 | 7.8# |
| 80 | 10.9 | 7.2 | 10.8# |

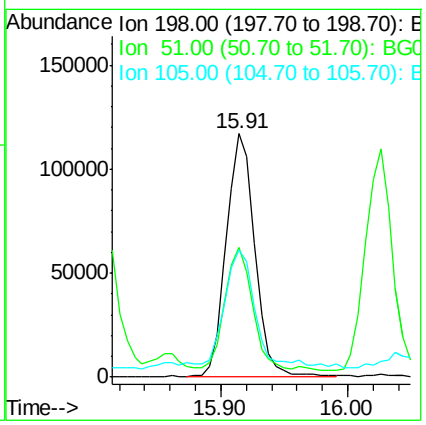


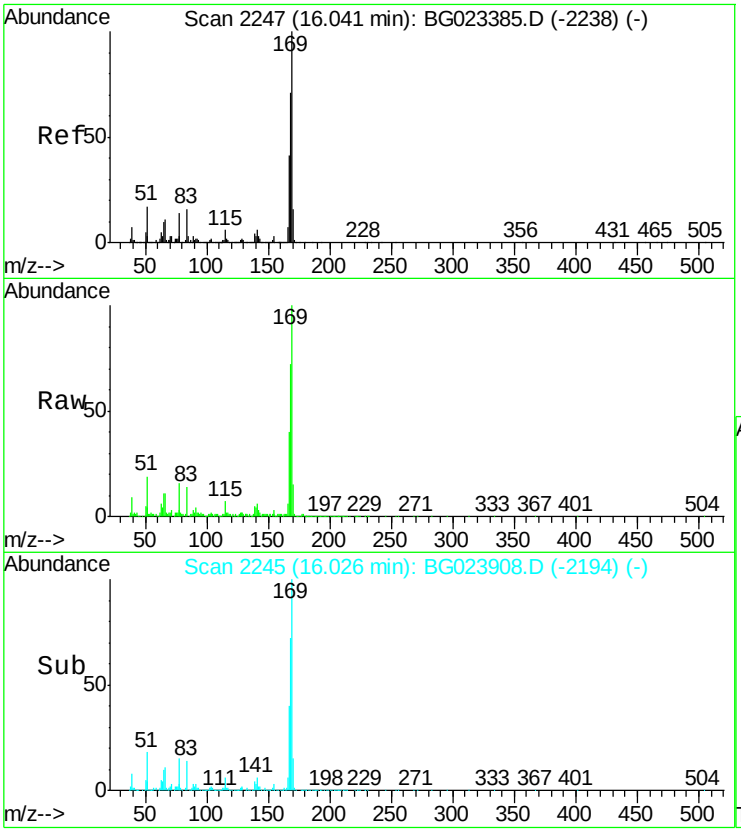




#64
4,6-Dinitro-2-methylphenol
Concen: 33.95 ng
RT: 15.91 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:198 Resp: 182594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 53.5 | 26.0 | 66.0 |
| 105 | 52.1 | 20.1 | 60.1 |



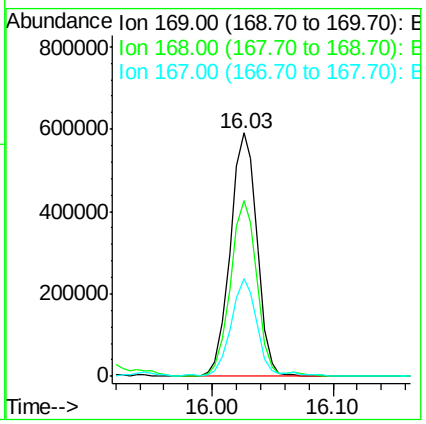


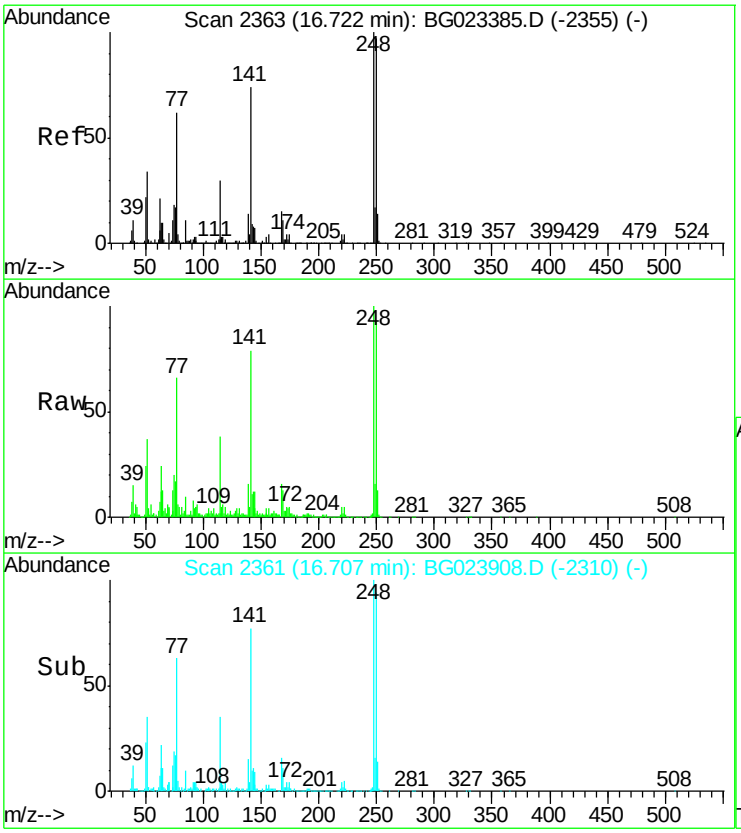

#65
n-Nitrosodiphenylamine
Concen: 38.93 ng
RT: 16.03 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:169 Resp: 903204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 72.4 | 55.0 | 82.4 |
| 167 | 40.3 | 27.4 | 41.0 |

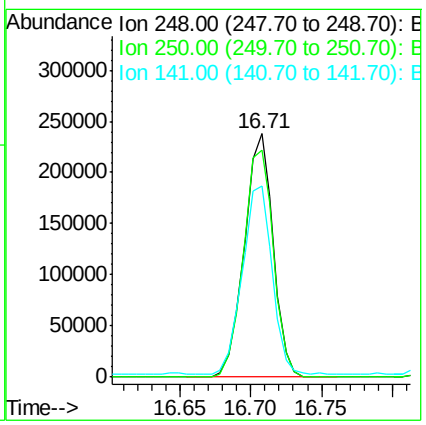


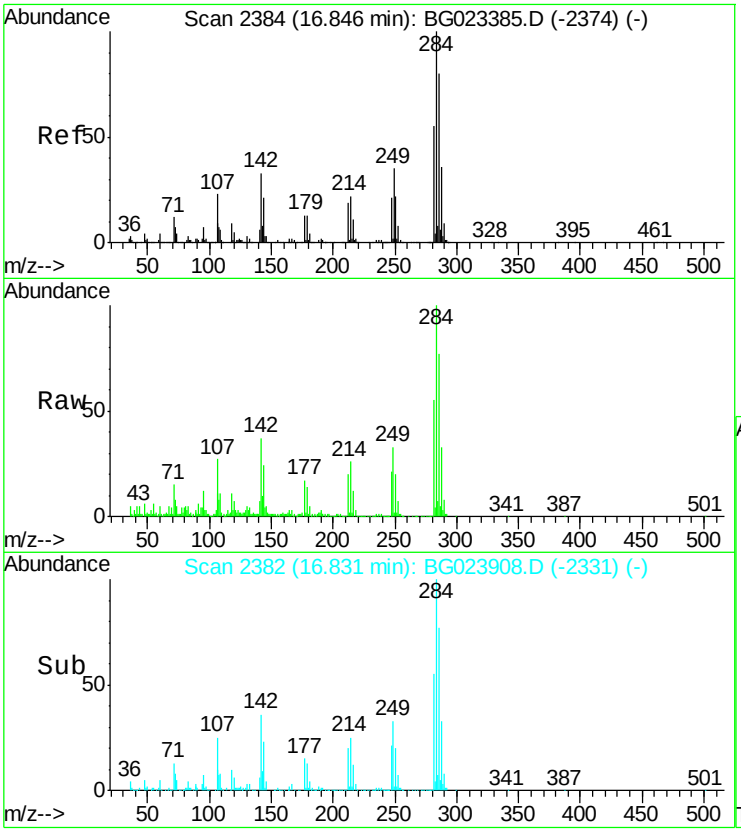




#66
4-Bromophenyl-phenylether
Concen: 36.81 ng
RT: 16.71 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:248 Resp: 339311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.5 | 77.8 | 116.8 |
| 141 | 78.6 | 65.7 | 98.5 |



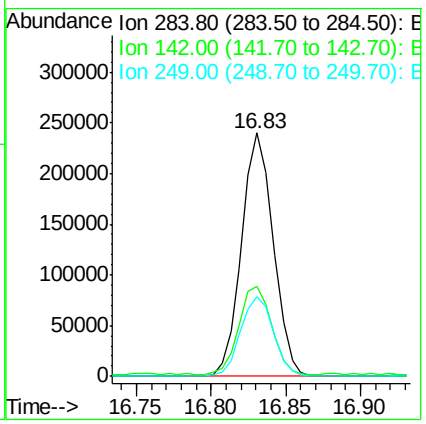


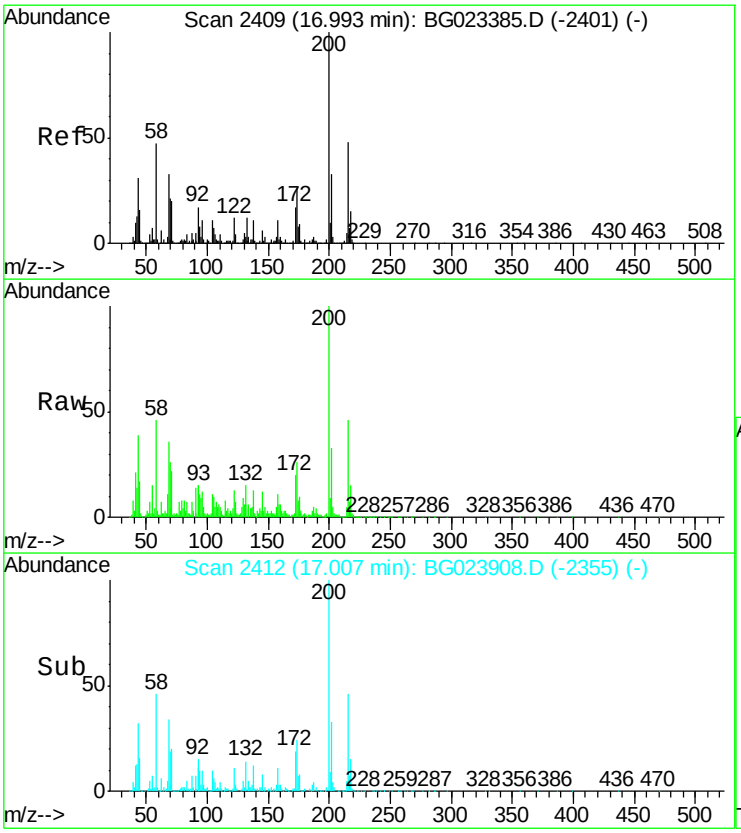

#67
Hexachlorobenzene
Concen: 34.88 ng
RT: 16.83 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:284 Resp: 351823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.1 | 26.8 | 40.2 |
| 249 | 32.7 | 28.9 | 43.3 |

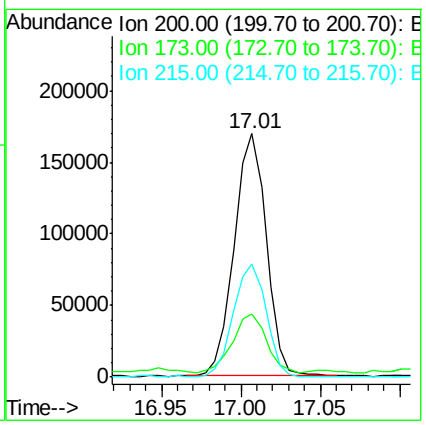


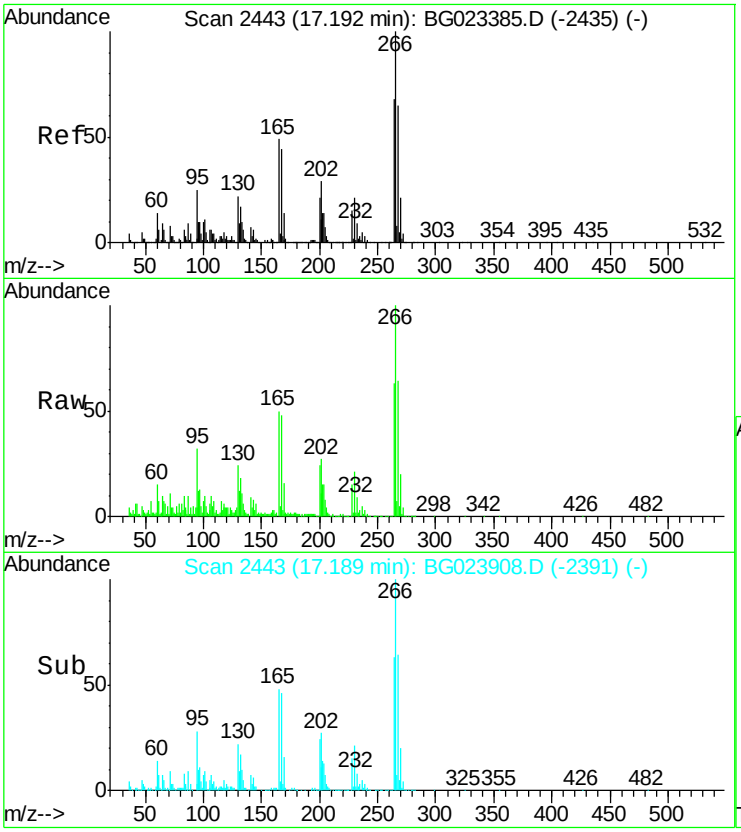




#68
Atrazine
Concen: 26.70 ng
RT: 17.01 min Scan# 2412
Delta R.T. 0.04 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:200 Resp: 237829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.8 | 1.6 | 41.6 |
| 215 | 46.4 | 28.7 | 68.7 |



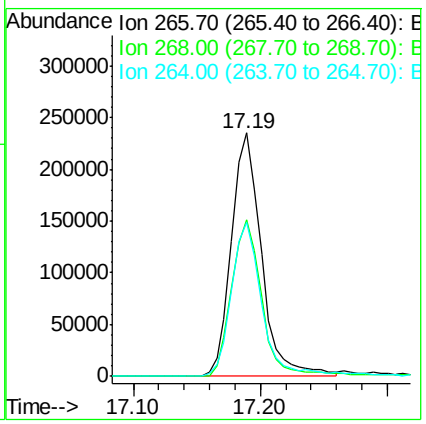


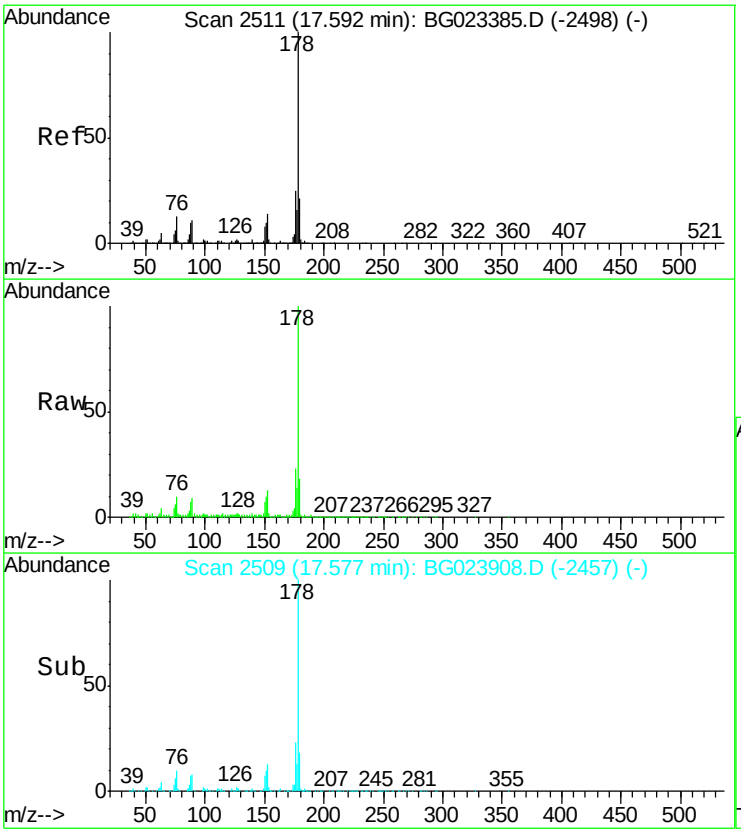

#69
Pentachlorophenol
Concen: 65.63 ng
RT: 17.19 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:266 Resp: 385910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.3 | 51.9 | 77.9 |
| 264 | 63.3 | 50.6 | 75.8 |

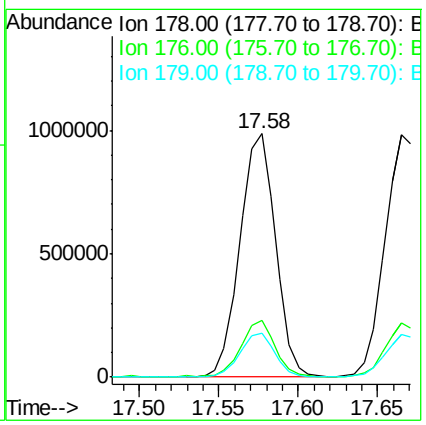


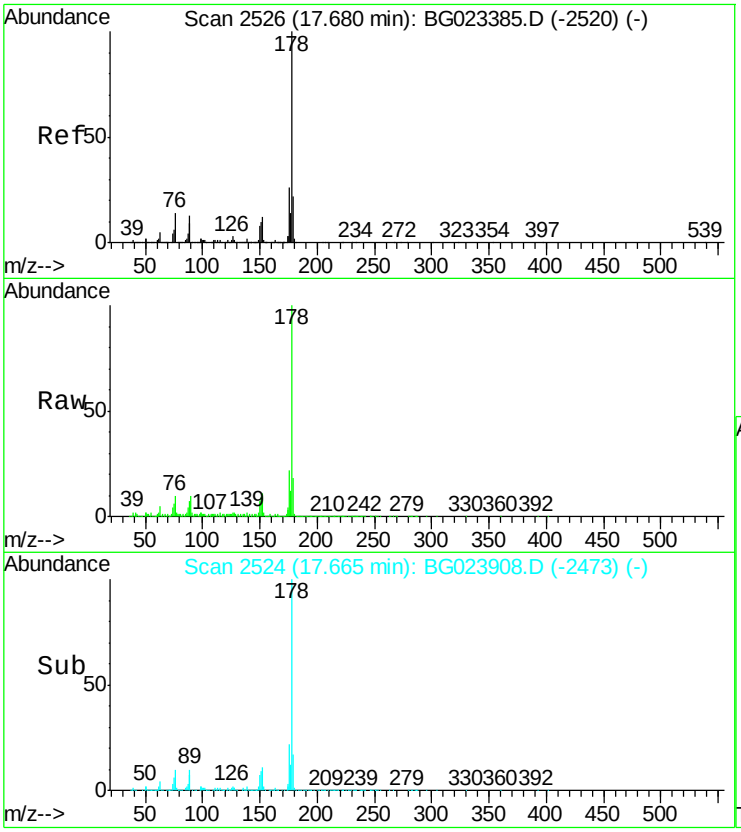




#70
Phenanthrene
Concen: 38.06 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:178 Resp: 1527449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.3 | 16.8 | 25.2 |
| 179 | 18.0 | 14.3 | 21.5 |



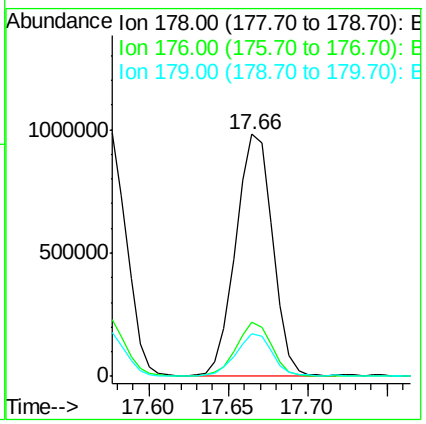


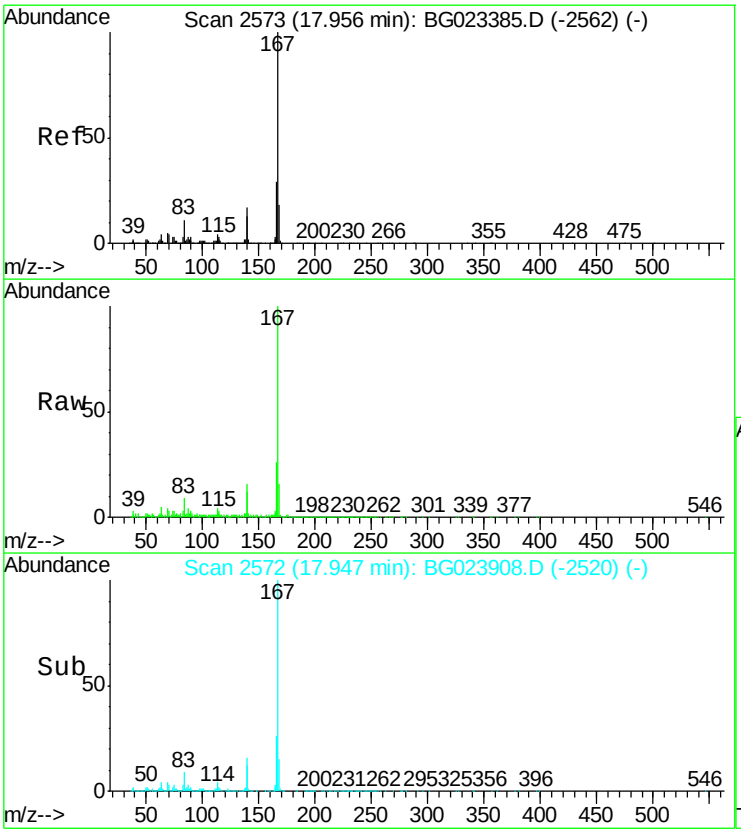

#71
Anthracene
Concen: 38.90 ng
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:178 Resp: 1570428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.4 | 17.3 | 25.9 |
| 179 | 17.5 | 14.0 | 21.0 |

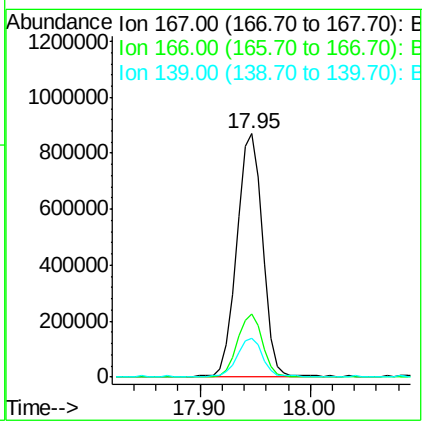


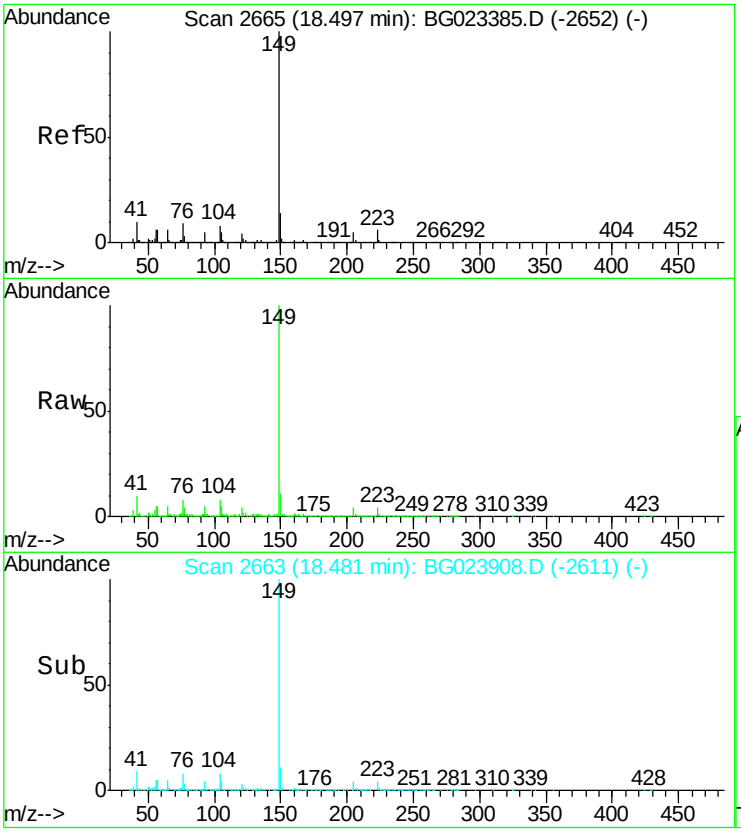




#72
Carbazole
Concen: 39.98 ng
RT: 17.95 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:167 Resp: 1417197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 26.0 | 20.7 | 31.1 |
| 139 | 16.2 | 11.9 | 17.9 |



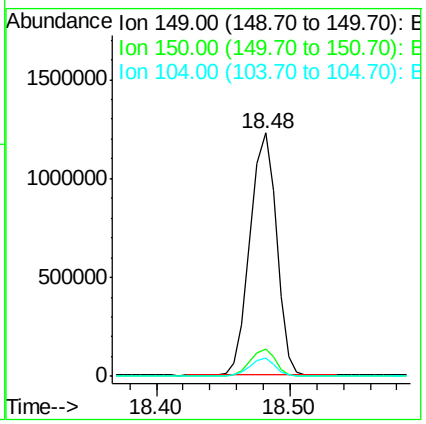


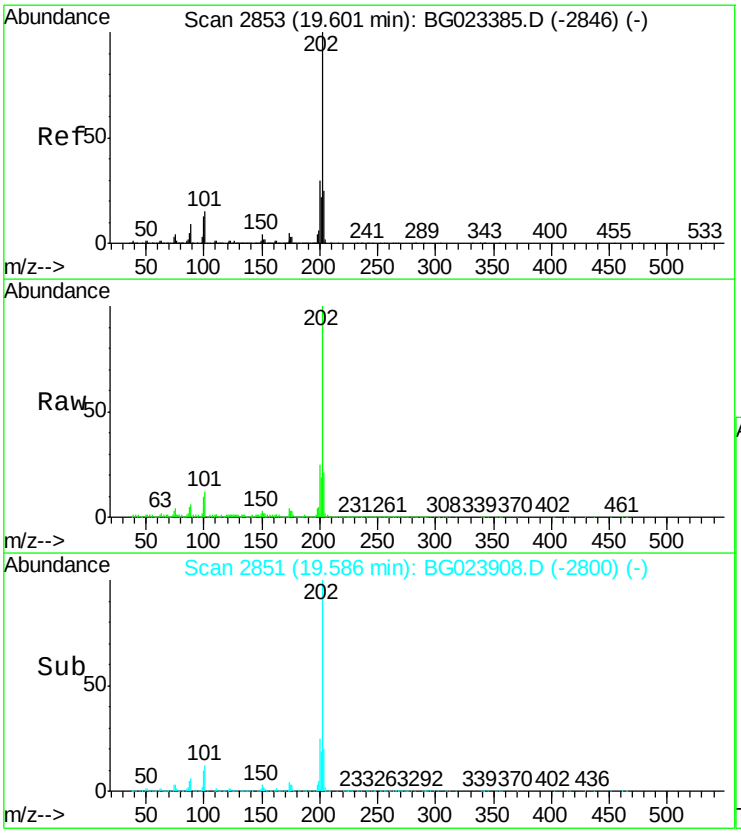

#73
Di-n-butylphthalate
Concen: 46.82 ng
RT: 18.48 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:149 Resp: 1671705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 11.5 | 9.1 | 13.7 |
| 104 | 7.7 | 6.9 | 10.3 |

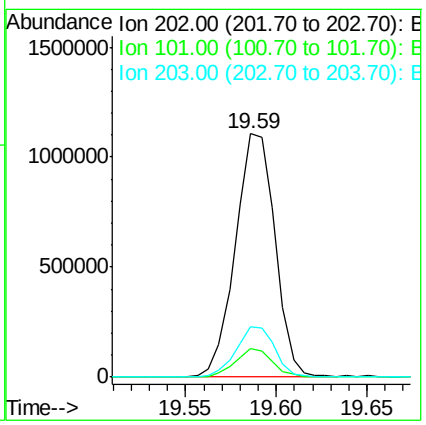


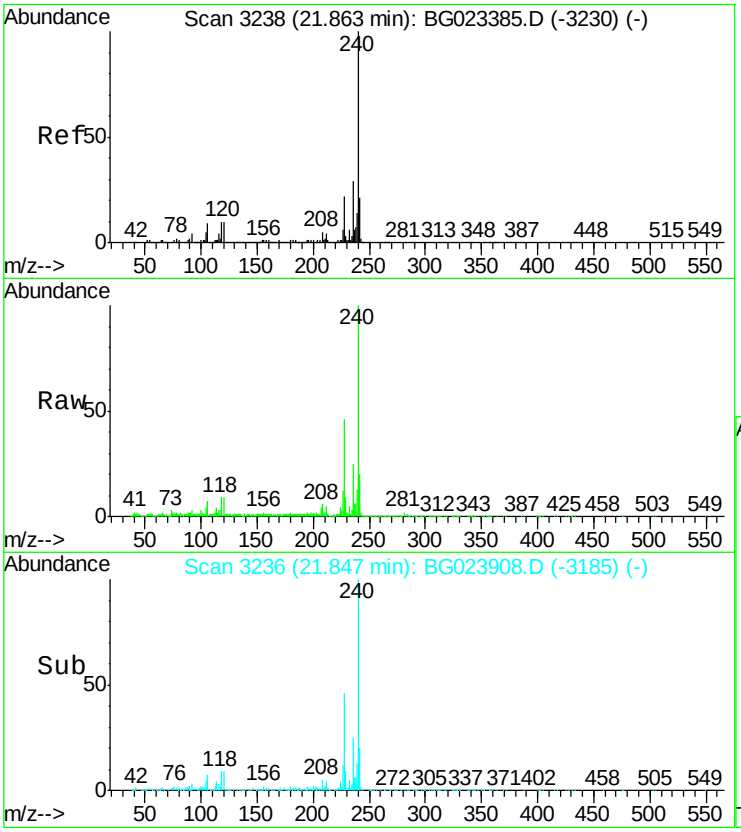




#74
Fluoranthene
Concen: 44.23 ng
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:202 Resp: 1674683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 27.4 |
| 203 | 20.5 | 1.7 | 41.7 |



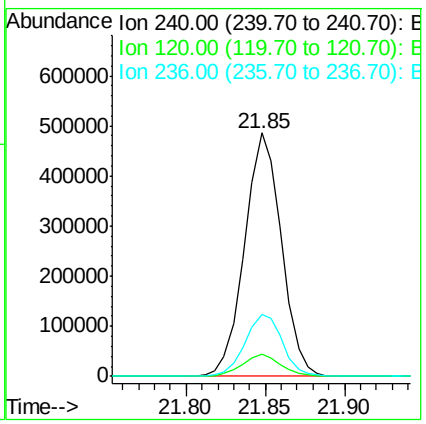


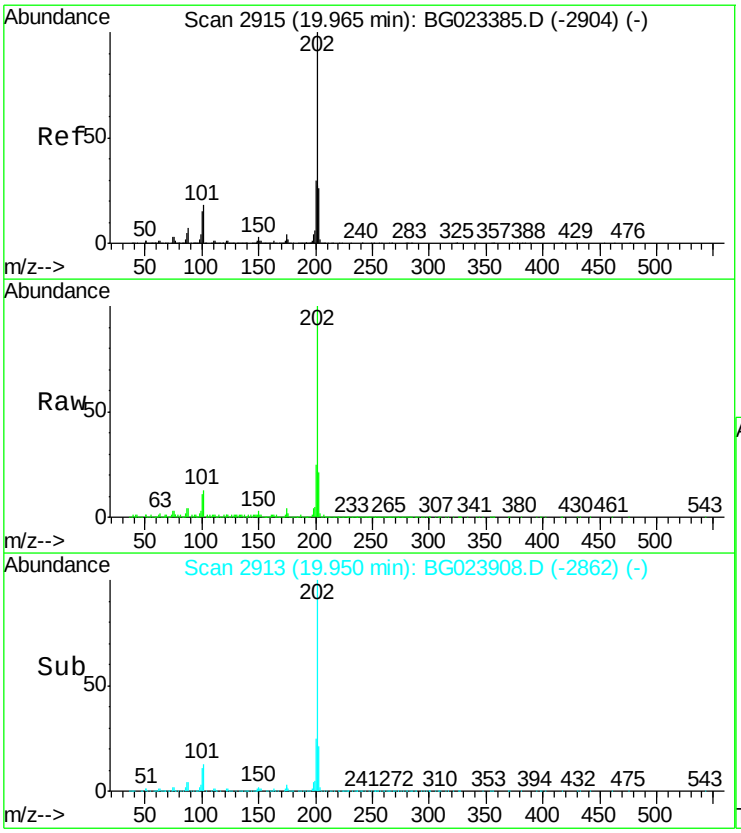

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:240 Resp: 777567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 4.1 | 6.1# |
| 236 | 25.2 | 21.1 | 31.7 |

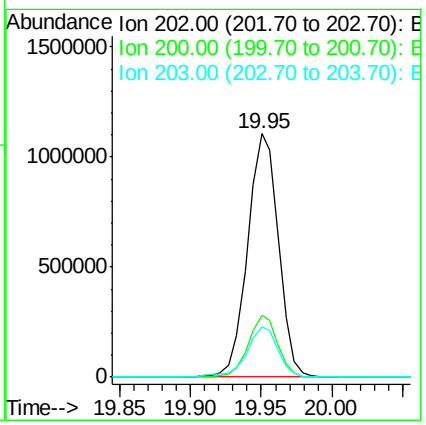


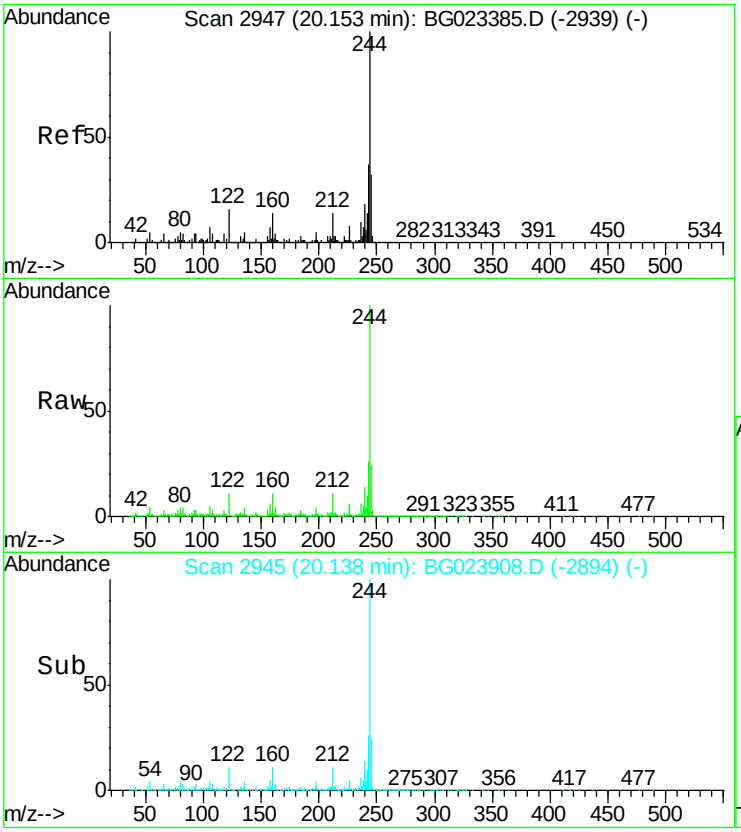




#77
Pyrene
Concen: 36.60 ng
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:202 Resp: 1684173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.4 | 21.2 | 31.8 |
| 203 | 20.8 | 16.8 | 25.2 |



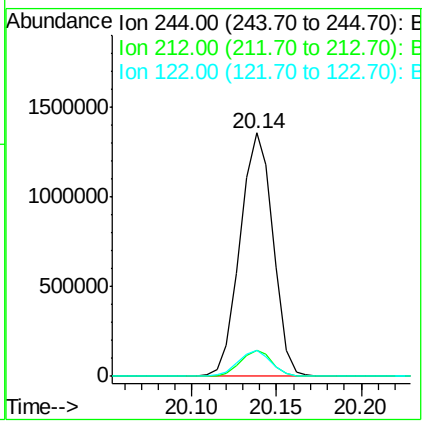


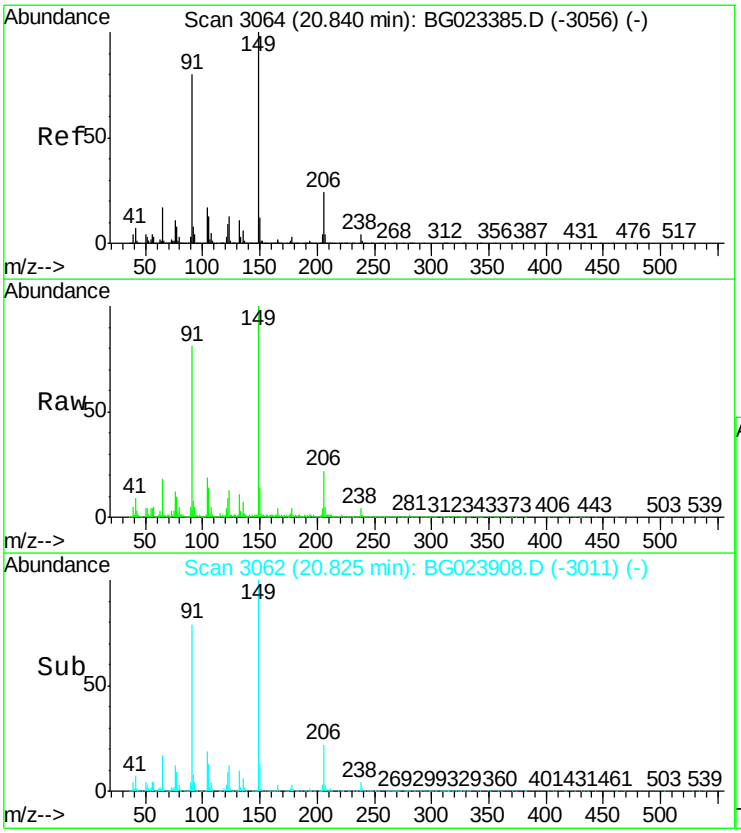

#78
Terphenyl-d14
Concen: 70.98 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:244 Resp: 1842109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.7 | 10.8 | 16.2# |
| 122 | 10.9 | 8.0 | 12.0 |

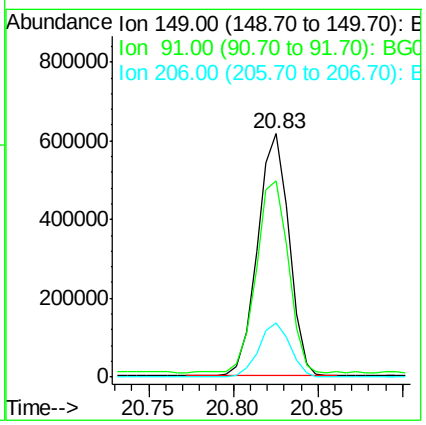


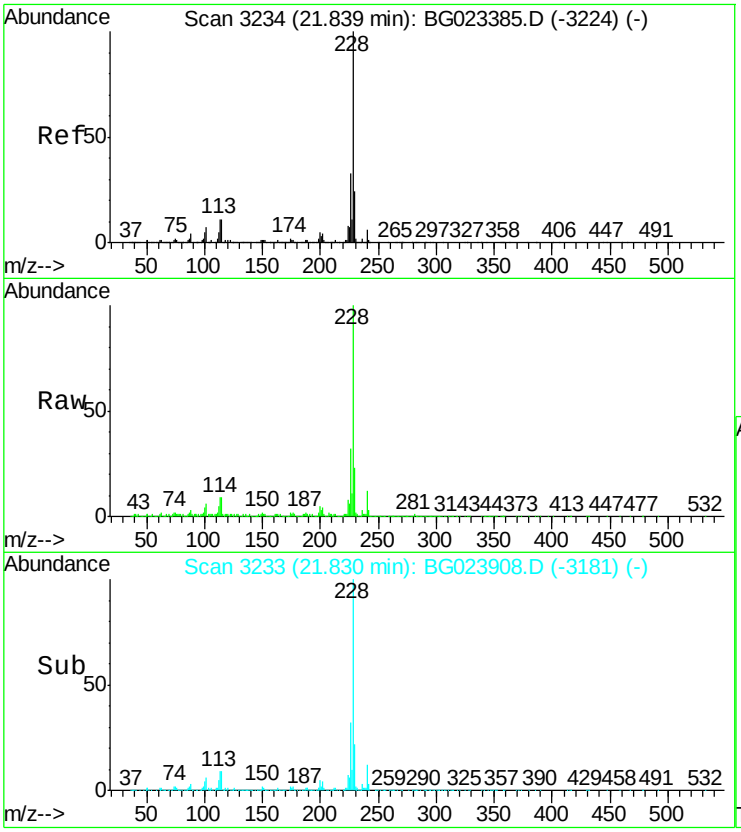




#79
Butylbenzylphthalate
Concen: 42.07 ng
RT: 20.83 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:149 Resp: 787764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.6 | 68.1 | 102.1 |
| 206 | 22.4 | 19.8 | 29.6 |



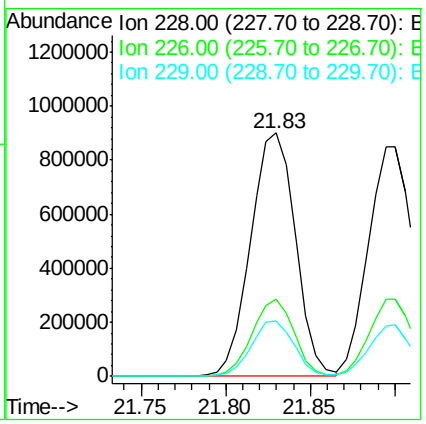


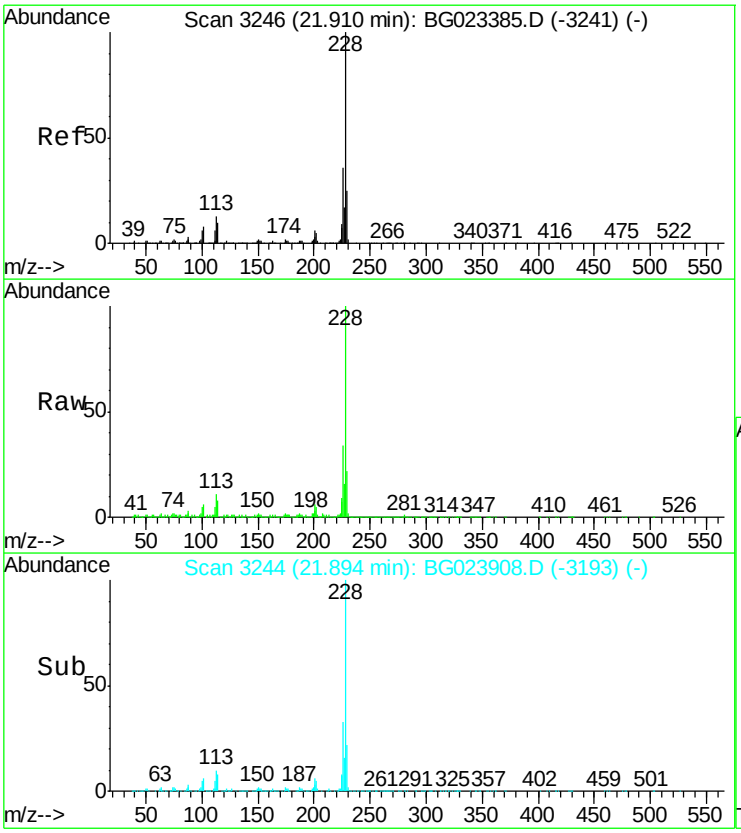

#80
Benzo(a)anthracene
Concen: 38.55 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:228 Resp: 1654626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 25.3 | 37.9 |
| 229 | 22.5 | 19.9 | 29.9 |

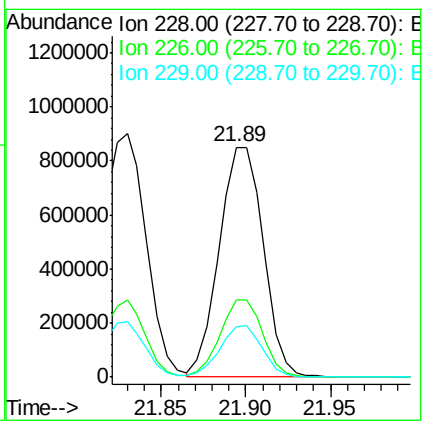


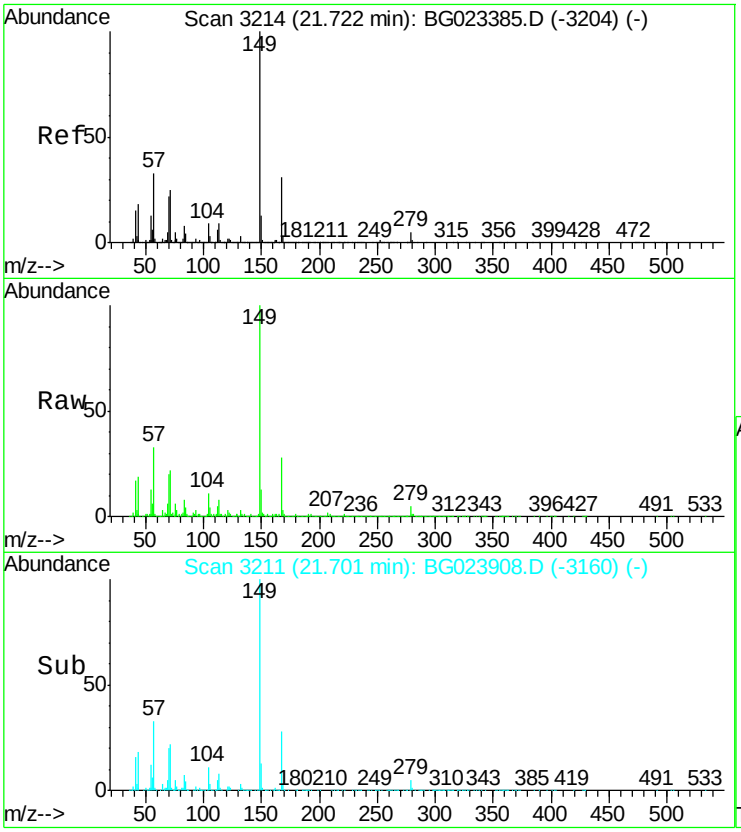




#82
Chrysene
Concen: 37.72 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:228 Resp: 1540513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.6 | 26.7 | 40.1 |
| 229 | 22.0 | 17.4 | 26.2 |



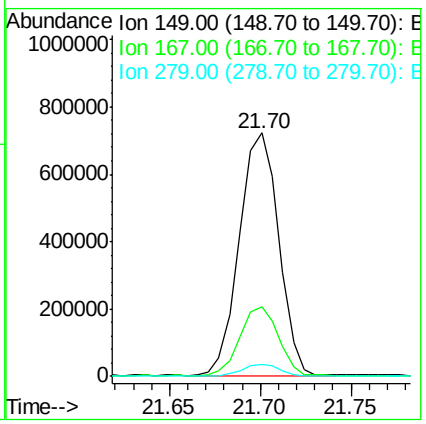


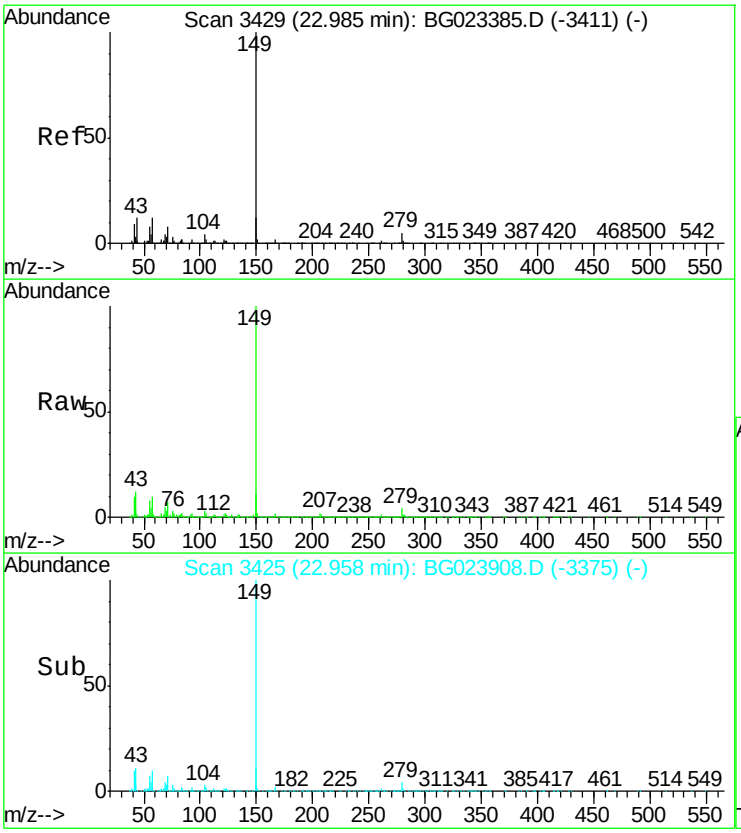

#83
Bis(2-ethylhexyl)phthalate
Concen: 42.43 ng
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:149 Resp: 1087898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 24.0 | 36.0 |
| 279 | 5.0 | 4.8 | 7.2 |

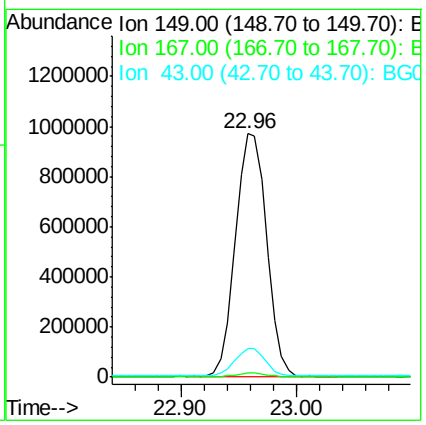


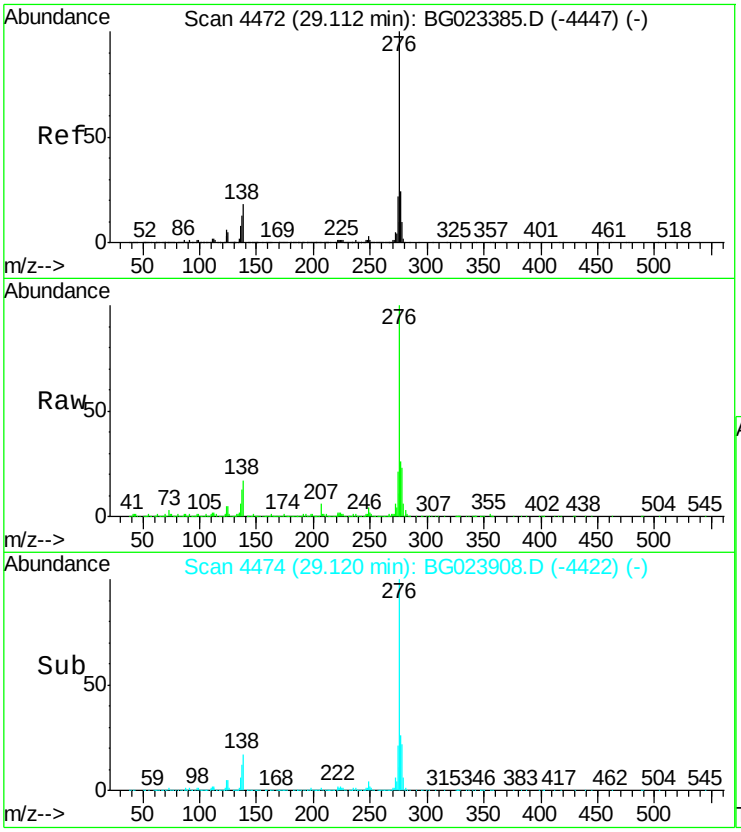




#84
Di-n-octyl phthalate
Concen: 41.44 ng
RT: 22.96 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:149 Resp: 1813632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.5 | 2.3 |
| 43 | 11.0 | 8.8 | 13.2 |



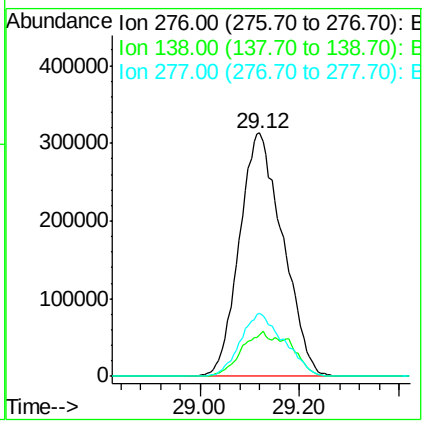


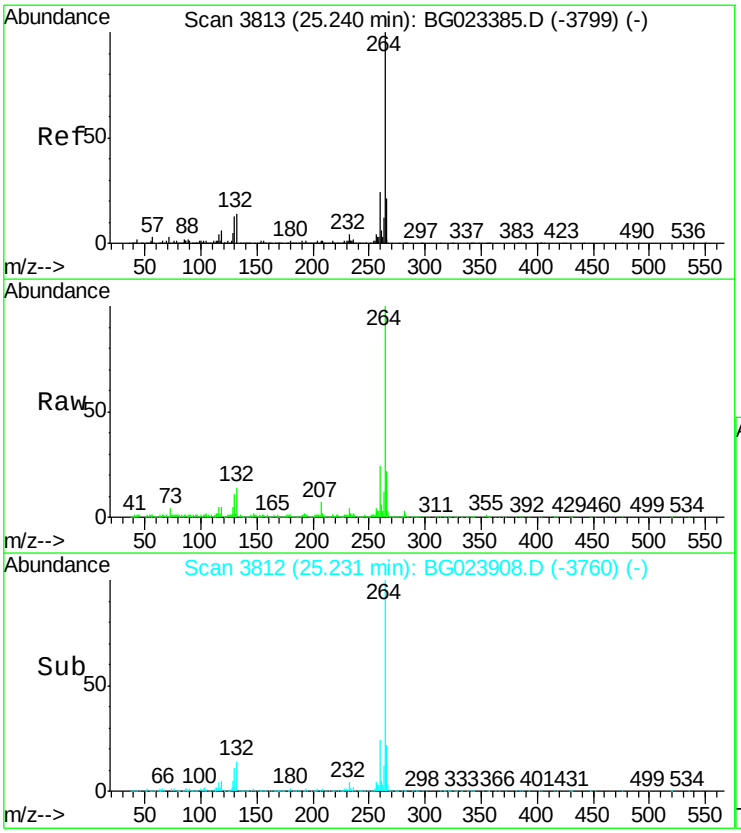

#85
Indeno(1,2,3-cd)pyrene
Concen: 37.16 ng
RT: 29.12 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:276 Resp: 1896243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.2 | 0.0 | 0.0# |
| 277 | 26.0 | 0.0 | 0.0# |

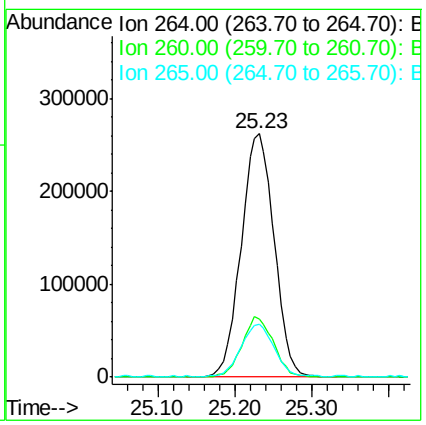


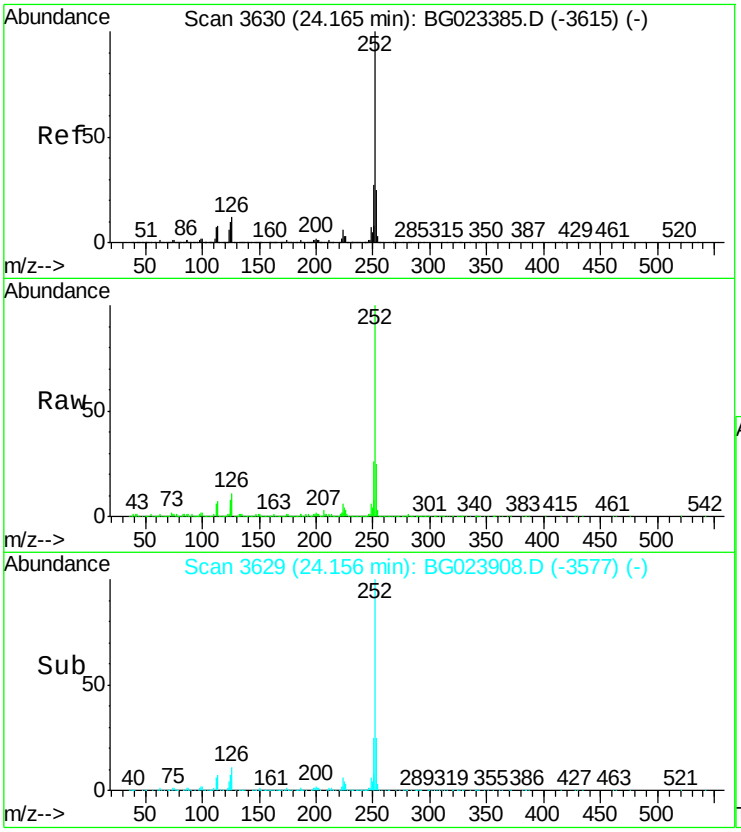




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:264 Resp: 784968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.4 | 27.6 |
| 265 | 21.9 | 18.9 | 28.3 |



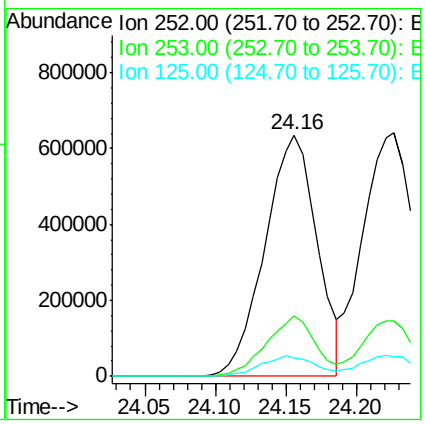


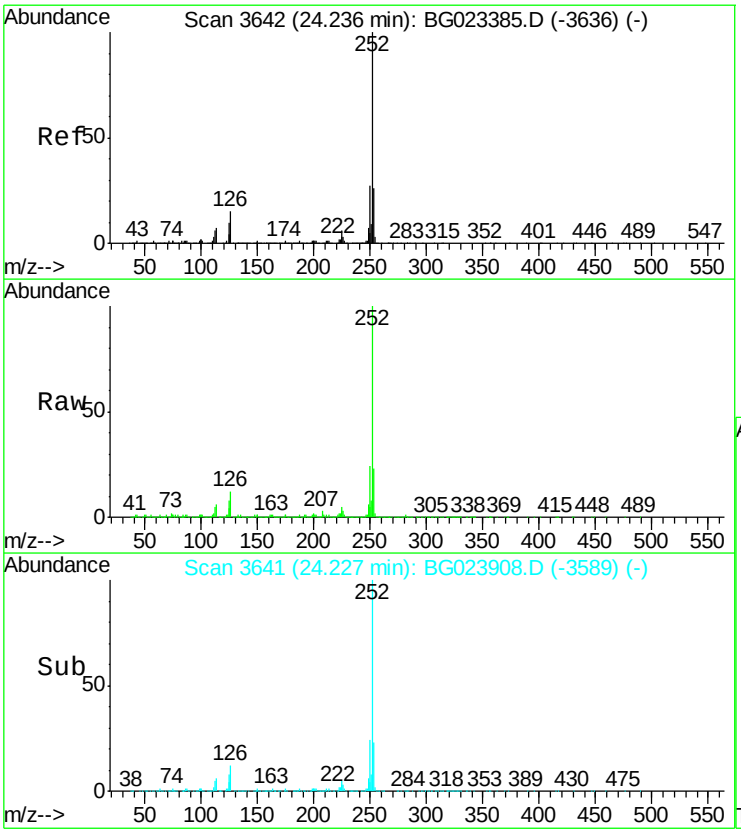

#87
Benzo(b)fluoranthene
Concen: 37.02 ng
RT: 24.16 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:252 Resp: 1635197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 18.9 | 28.3 |
| 125 | 7.6 | 3.9 | 5.9# |

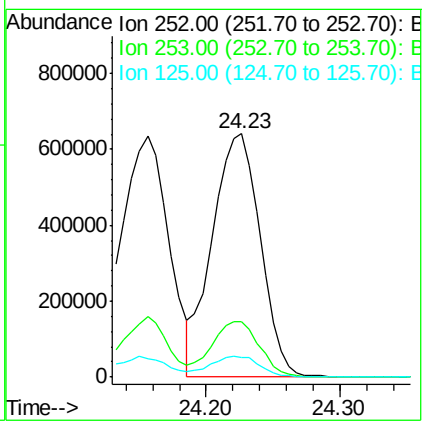


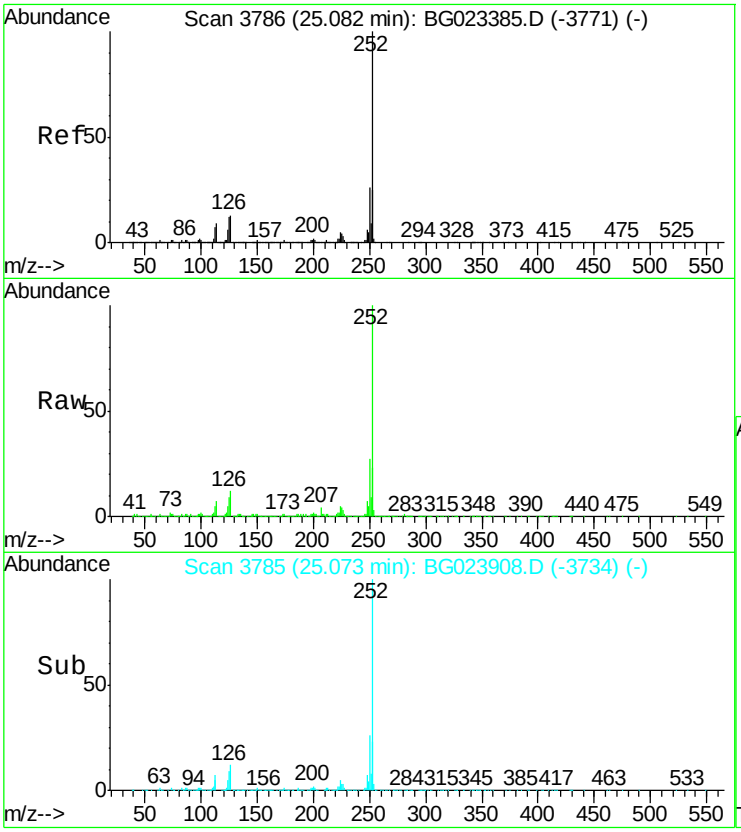




#88
Benzo(k)fluoranthene
Concen: 37.90 ng
RT: 24.23 min Scan# 3641
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:252 Resp: 1607887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.8 | 28.2 |
| 125 | 8.3 | 3.2 | 4.8# |



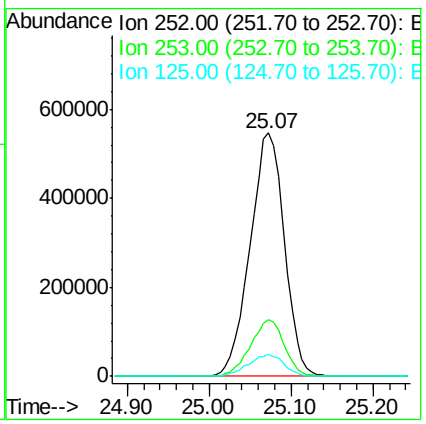


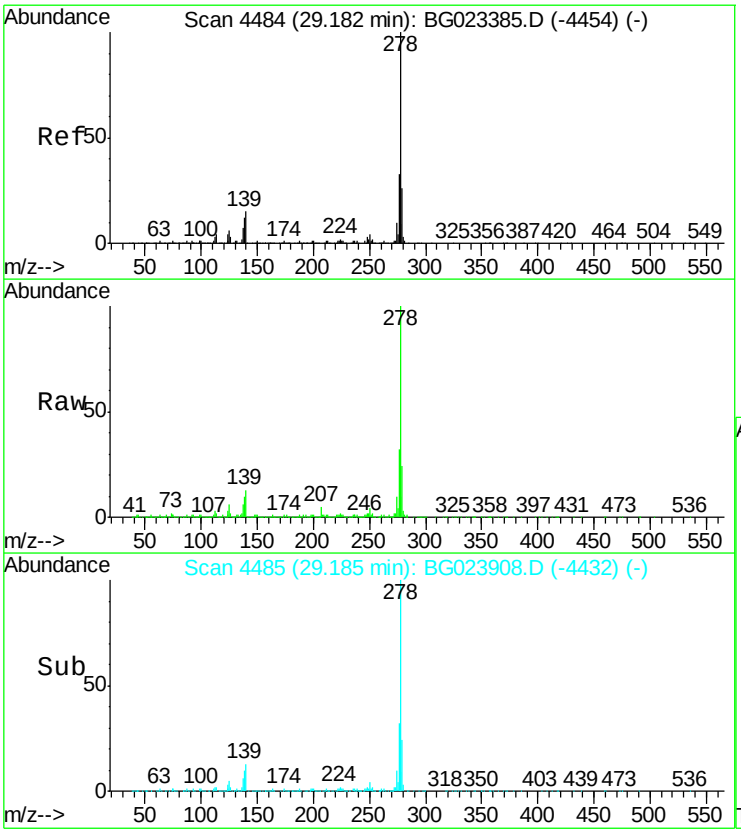

#89
Benzo(a)pyrene
Concen: 37.94 ng
RT: 25.07 min Scan# 3785
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:252 Resp: 1593757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 18.7 | 28.1 |
| 125 | 9.0 | 3.9 | 5.9# |

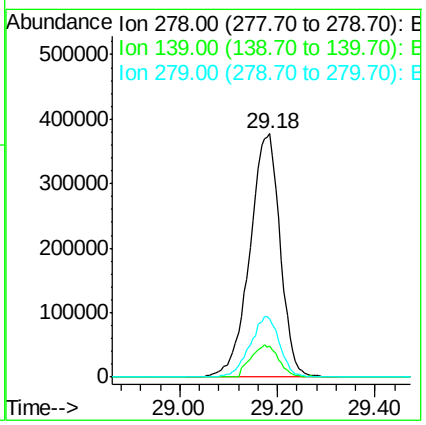


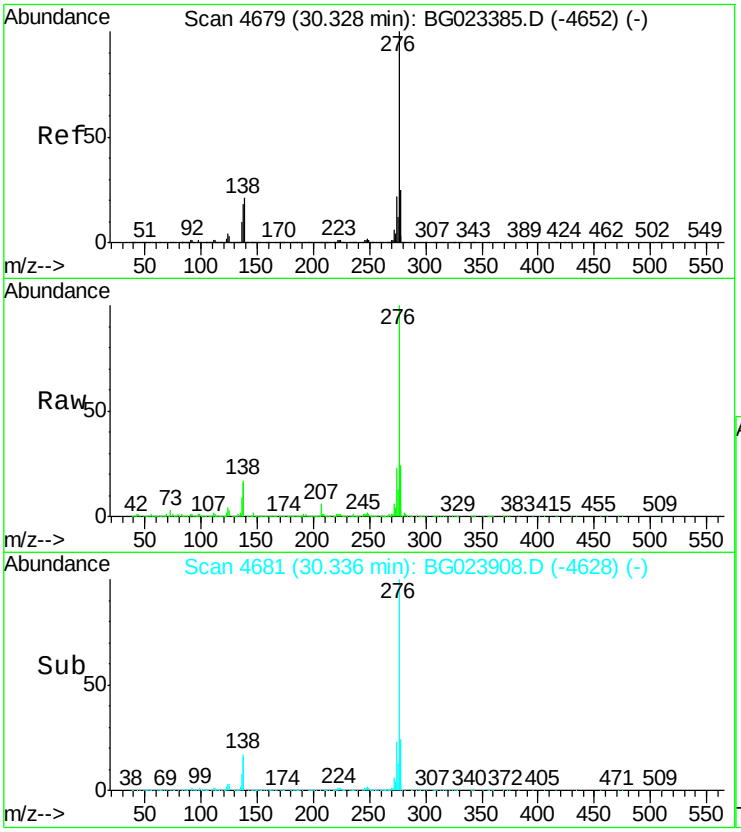




#90
Dibenzo(a,h)anthracene
Concen: 38.11 ng
RT: 29.18 min Scan# 4485
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:278 Resp: 1635457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.7 | 4.7 | 7.1# |
| 279 | 23.9 | 18.3 | 27.5 |






#91
Benzo(g,h,i)perylene
Concen: 36.80 ng
RT: 30.34 min Scan# 4681
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

**Instrument :**
BNA_G
**ClientSampleId :**
MW-04MSD

Tgt Ion:276 Resp: 1590263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.6 | 27.8 |
| 138 | 17.5 | 6.8 | 10.2# |