Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023457.D
Acq On : 4 Aug 2016 18:27
Operator : UM/SJ
Sample : H4208-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BDJJ1

Quant Time: Aug 05 02:32:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:31:20 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 85153 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.95 | 136 | 424693 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.78 | 164 | 349513 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.54 | 188 | 969530 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.86 | 240 | 970189 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.23 | 264 | 959508 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.48 | 96 | 4325 | 2.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.27 | 99 | 166570 | 19.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 117380 | 21.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.65 | 132 | 118751 | 20.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.83 | 113 | 132530 | 19.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 63986 | 19.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.02 | 143 | 69850 | 18.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 135850 | 18.73 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.09 | 131 | 177982 | 20.92 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.17 | 166 | 595959 | 20.83 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.47 | 160 | 641920 | 19.93 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.09 | 143 | 2937 | 0.60 | ng/ul | 0.09 |
| 57) Fluorene-d10 | 15.78 | 176 | 559128 | 21.15 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 66342 | 10.67 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.64 | 188 | 959436 | 21.96 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.93 | 212 | 1123744 | 22.88 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.00 | 264 | 972001 | 22.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 237 | 0.11 | ng/uL# | 30 |
| 4) Benzaldehyde | 7.27 | 77 | 196 | 0.04 | ng/ul# | 1 |
| 6) Phenol | 7.30 | 94 | 4066 | 0.46 | ng/ul# | 17 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 972 | 0.15 | ng/ul# | 78 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.61 | 45 | 207 | 0.02 | ng/ul# | 45 |
| 14) Acetophenone | 8.95 | 105 | 541 | 0.05 | ng/ul# | 50 |
| 15) N-Nitroso-di-n-propylamine | 8.91 | 70 | 116 | 0.02 | ng/ul# | 1 |
| 16) 4-Methylphenol | 8.90 | 108 | 771 | 0.10 | ng/ul | 85 |
| 17) Hexachloroethane | 9.26 | 117 | 82 | 0.03 | ng/ul# | 10 |
| 20) Nitrobenzene | 9.29 | 77 | 549 | 0.06 | ng/ul# | 28 |
| 21) Isophorone | 9.87 | 82 | 273 | 0.02 | ng/ul# | 64 |
| 23) 2-Nitrophenol | 9.99 | 139 | 161 | 0.04 | ng/ul# | 42 |
| 24) 2,4-Dimethylphenol | 10.03 | 107 | 83 | 0.01 | ng/ul# | 13 |
| 25) Bis(2-Chloroethoxy)methane | 10.28 | 93 | 147 | 0.01 | ng/ul# | 49 |
| 27) 2,4-Dichlorophenol | 10.59 | 162 | 76 | 0.01 | ng/ul# | 1 |
| 28) Naphthalene | 10.99 | 128 | 165 | 0.01 | ng/ul# | 67 |
| 30) 4-Chloroaniline | 11.11 | 127 | 329 | 0.04 | ng/ul# | 10 |
| 31) Hexachlorobutadiene | 11.15 | 225 | 60 | 0.01 | ng/ul# | 46 |
| 32) Caprolactam | 11.94 | 113 | 169 | 0.06 | ng/ul# | 86 |
| 33) 4-Chloro-3-methylphenol | 12.27 | 107 | 86 | 0.01 | ng/ul# | 15 |
| 34) 2-Methylnaphthalene | 12.61 | 142 | 235 | 0.01 | ng/ul# | 3 |
| 36) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 57 | 0.01 | ng/ul# | 1 |
| 37) Hexachlorocyclopentadiene | 12.79 | 237 | 277 | 0.05 | ng/ul# | 27 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023457.D
Acq On : 4 Aug 2016 18:27
Operator : UM/SJ
Sample : H4208-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BDJJ1

Quant Time: Aug 05 02:32:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:31:20 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) 2-Chloronaphthalene | 13.65 | 162 | 133 | 0.01 | ng/ul# | 40 |
| 42) 2-Nitroaniline | 13.77 | 65 | 295 | 0.04 | ng/ul# | 1 |
| 44) Dimethylphthalate | 14.22 | 163 | 332714 | 11.74 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.32 | 165 | 105 | 0.02 | ng/ul# | 1 |
| 47) Acenaphthylene | 14.50 | 152 | 1000 | 0.03 | ng/ul# | 68 |
| 48) 3-Nitroaniline | 14.78 | 138 | 167 | 0.03 | ng/ul# | 1 |
| 49) Acenaphthene | 14.84 | 153 | 154 | 0.01 | ng/ul# | 12 |
| 50) 2,4-Dinitrophenol | 14.80 | 184 | 64 | 0.02 | ng/ul# | 14 |
| 52) 4-Nitrophenol | 14.97 | 109 | 95 | 0.02 | ng/ul# | 1 |
| 54) 2,4-Dinitrotoluene | 14.98 | 165 | 133 | 0.01 | ng/ul# | 46 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.62 | 232 | 123 | 0.02 | ng/ul# | 39 |
| 56) Diethylphthalate | 15.58 | 149 | 1836 | 0.06 | ng/ul# | 89 |
| 58) Fluorene | 15.82 | 166 | 496 | 0.02 | ng/ul# | 8 |
| 60) 4-Nitroaniline | 15.83 | 138 | 116 | 0.02 | ng/ul# | 24 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 200 | 0.03 | ng/ul# | 1 |
| 64) N-Nitrosodiphenylamine | 16.02 | 169 | 113 | 0.00 | ng/ul# | 1 |
| 66) Hexachlorobenzene | 16.84 | 284 | 127 | 0.01 | ng/ul# | 20 |
| 67) Atrazine | 16.99 | 200 | 221 | 0.02 | ng/ul# | 36 |
| 69) Phenanthrene | 17.58 | 178 | 2796 | 0.06 | ng/ul# | 84 |
| 71) Anthracene | 17.67 | 178 | 215 | 0.00 | ng/ul# | 79 |
| 72) Carbazole | 17.95 | 167 | 63 | 0.00 | ng/ul# | 57 |
| 73) Di-n-butylphthalate | 18.49 | 149 | 7831 | 0.15 | ng/ul# | 92 |
| 74) Fluoranthene | 19.60 | 202 | 6044 | 0.12 | ng/ul# | 82 |
| 77) Pyrene | 19.96 | 202 | 6289 | 0.10 | ng/ul | 97 |
| 78) Butylbenzylphthalate | 20.83 | 149 | 1056 | 0.05 | ng/ul# | 88 |
| 79) 3,3'-Dichlorobenzidine | 21.76 | 252 | 6435 | 0.38 | ng/ul# | 85 |
| 80) Benzo(a)anthracene | 21.85 | 228 | 3333 | 0.06 | ng/ul | 93 |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 12261 | 0.40 | ng/ul | 91 |
| 82) Chrysene | 21.85 | 228 | 3333 | 0.07 | ng/ul | 94 |
| 84) Di-n-octyl phthalate | 22.98 | 149 | 3329 | 0.07 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.16 | 252 | 6639 | 0.12 | ng/ul# | 73 |
| 86) Benzo(k)fluoranthene | 24.23 | 252 | 4455 | 0.08 | ng/ul# | 91 |
| 88) Benzo(a)pyrene | 25.07 | 252 | 6227 | 0.12 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 29.08 | 276 | 132725 | 2.14 | ng/ul# | 83 |
| 90) Dibenzo(a,h)anthracene | 29.14 | 278 | 70742 | 1.34 | ng/ul# | 91 |
| 91) Benzo(g,h,i)perylene | 30.29 | 276 | 152378 | 2.97 | ng/ul# | 78 |

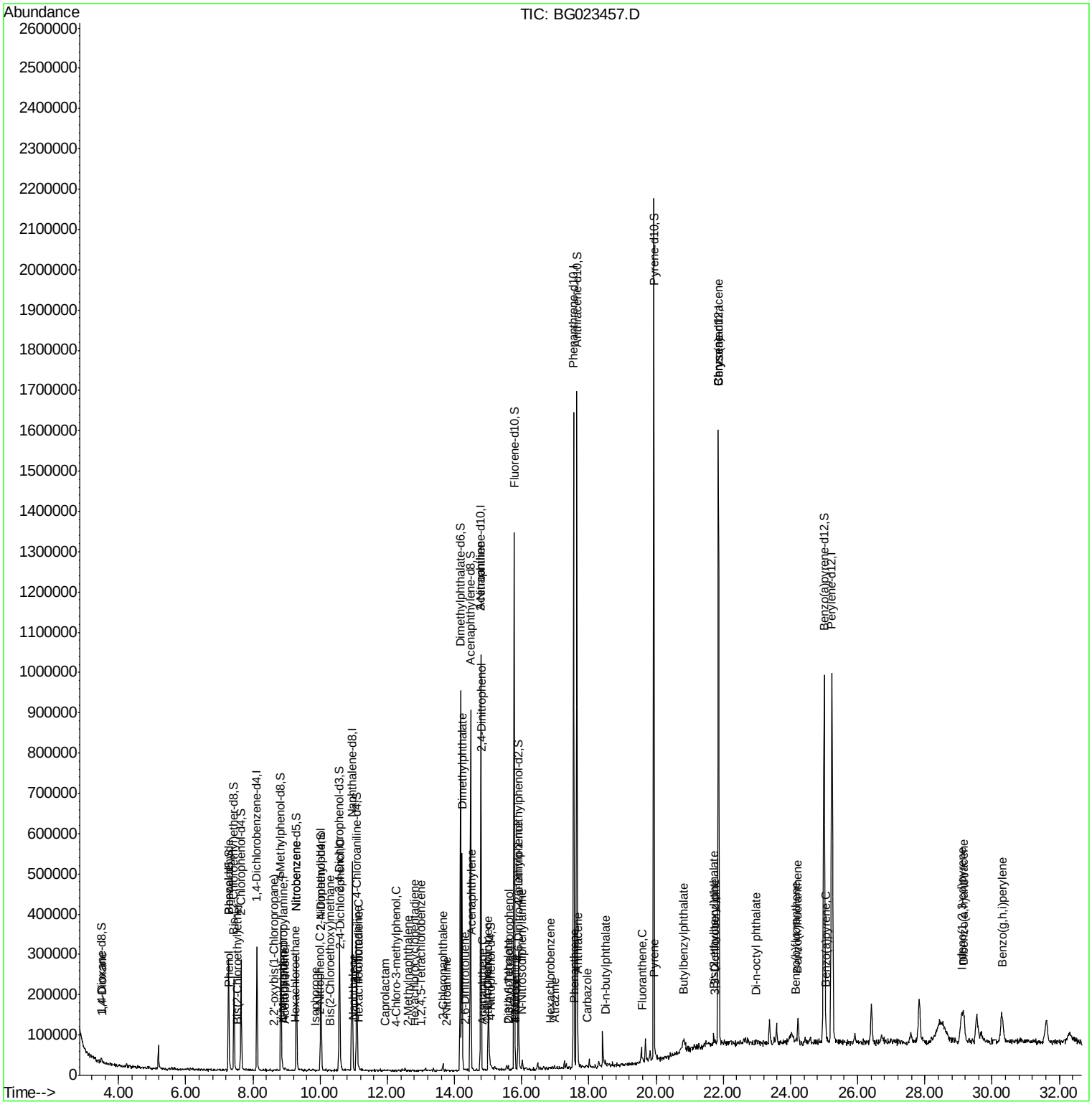
(#) = qualifier out of range (m) = manual integration (+) = signals summed

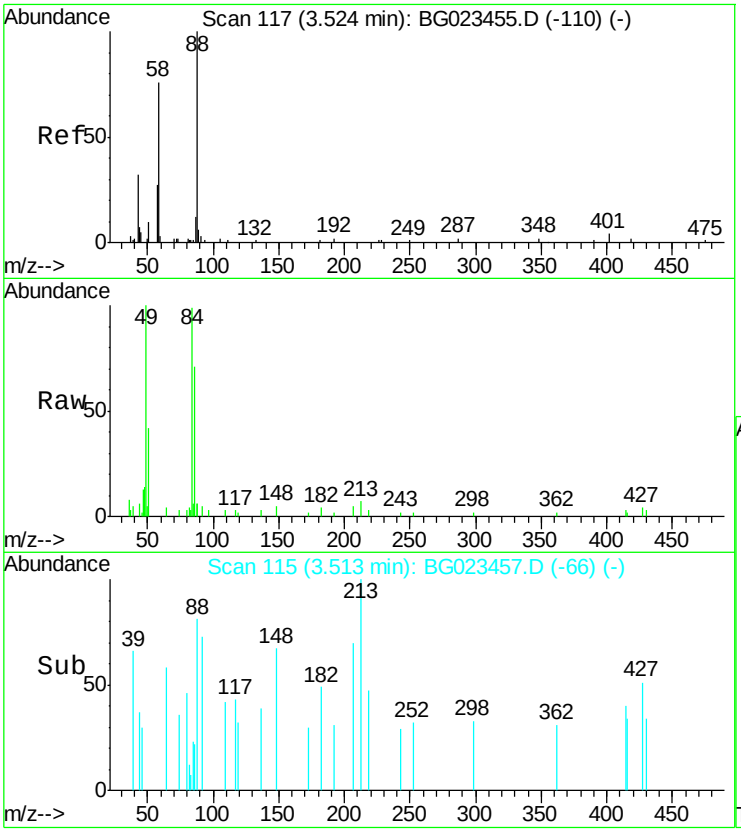
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023457.D
Acq On : 4 Aug 2016 18:27
Operator : UM/SJ
Sample : H4208-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Quant Time: Aug 05 02:32:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:31:20 2016
Response via : Initial Calibration



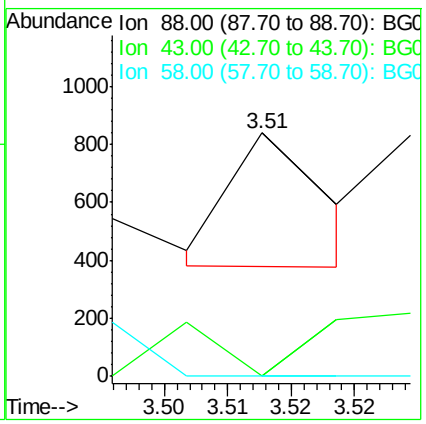


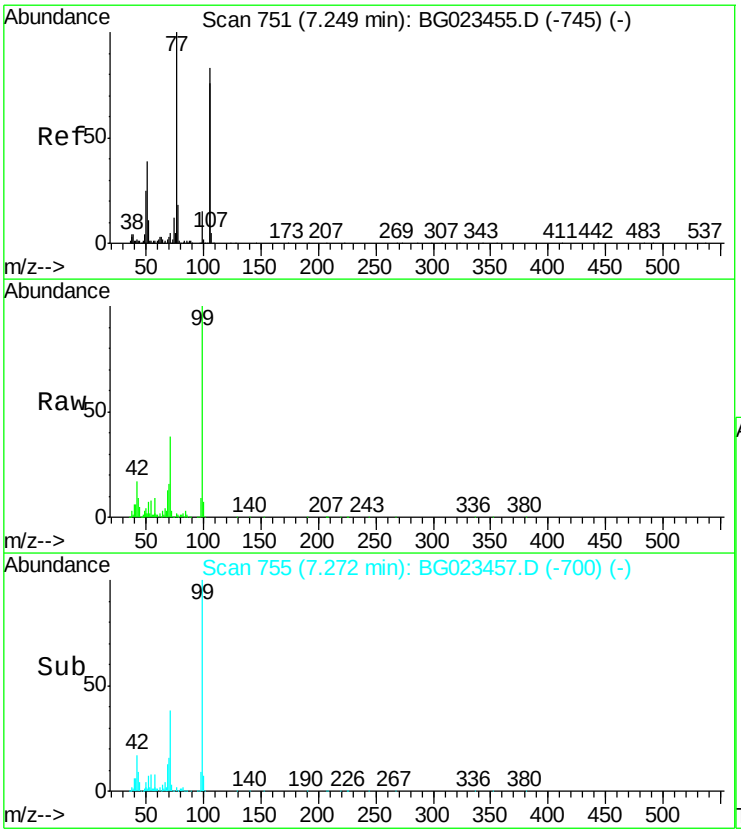

#2
1,4-Dioxane
Concen: 0.11 ng/uL
RT: 3.51 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 88 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 16.6 | 24.8# |
| 58 | 0.0 | 47.2 | 70.8# |

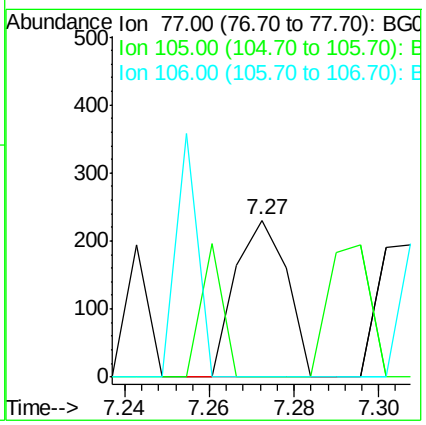


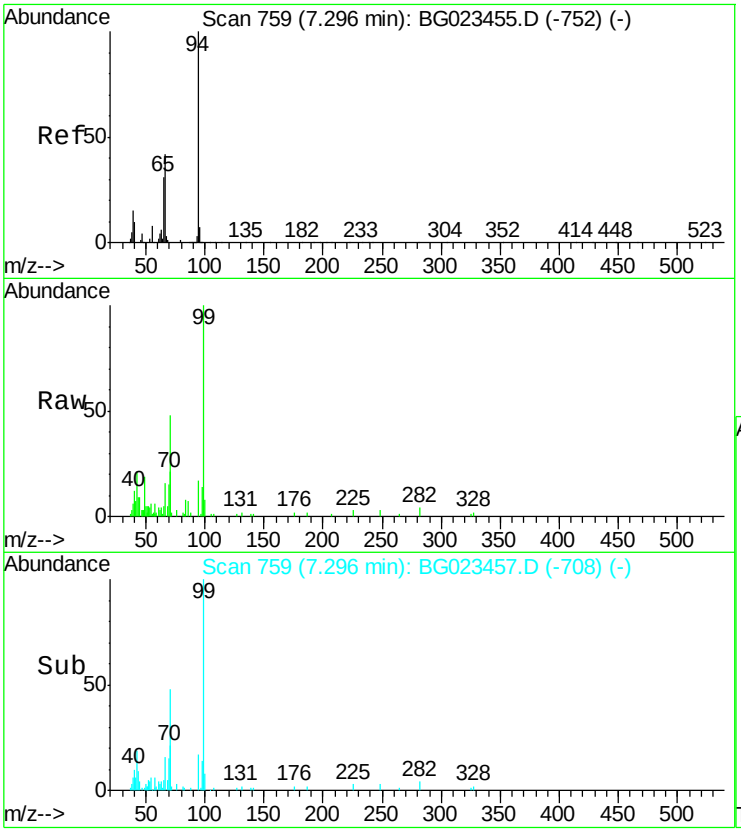




#4
Benzaldehyde
Concen: 0.04 ng/ul
RT: 7.27 min Scan# 755
Delta R.T. 0.02 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion: 77 Resp: 196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 83.8 | 125.8# |
| 106 | 0.0 | 77.9 | 116.9# |



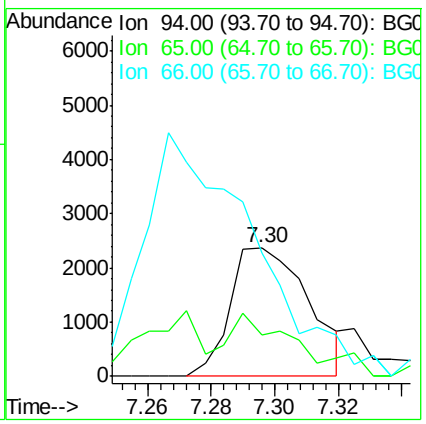


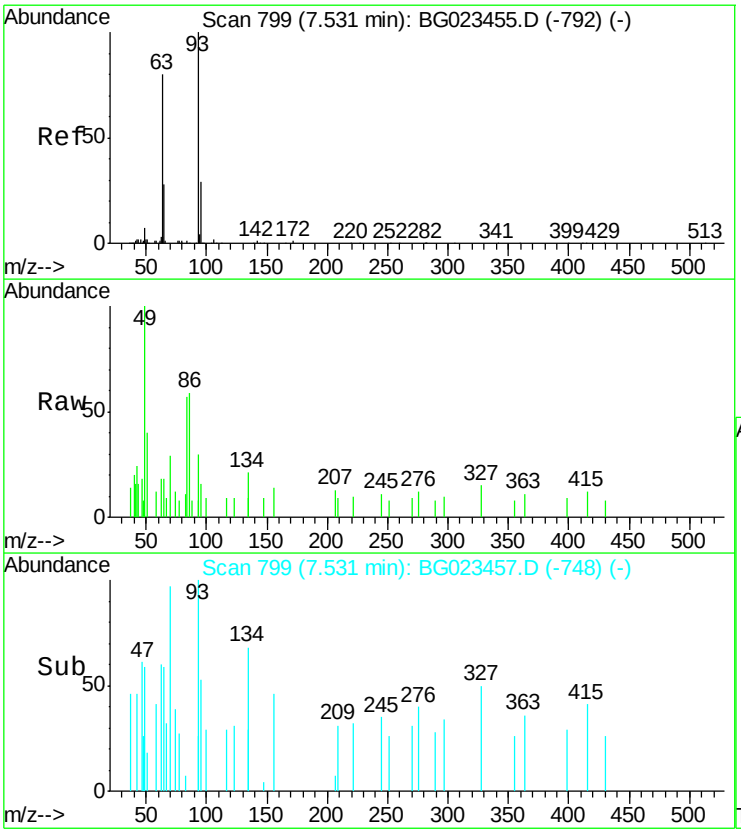

#6
Phenol
Concen: 0.46 ng/ul
RT: 7.30 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 94 Resp: 4066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.0 | 16.8 | 25.2# |
| 66 | 95.7 | 22.6 | 33.8# |

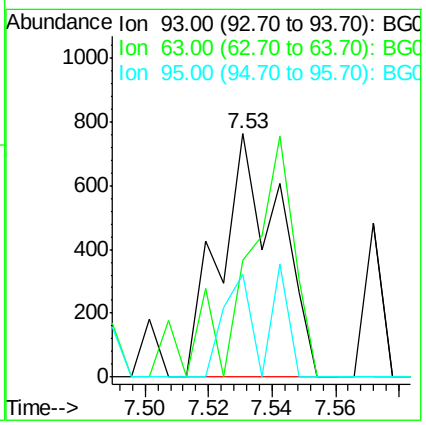


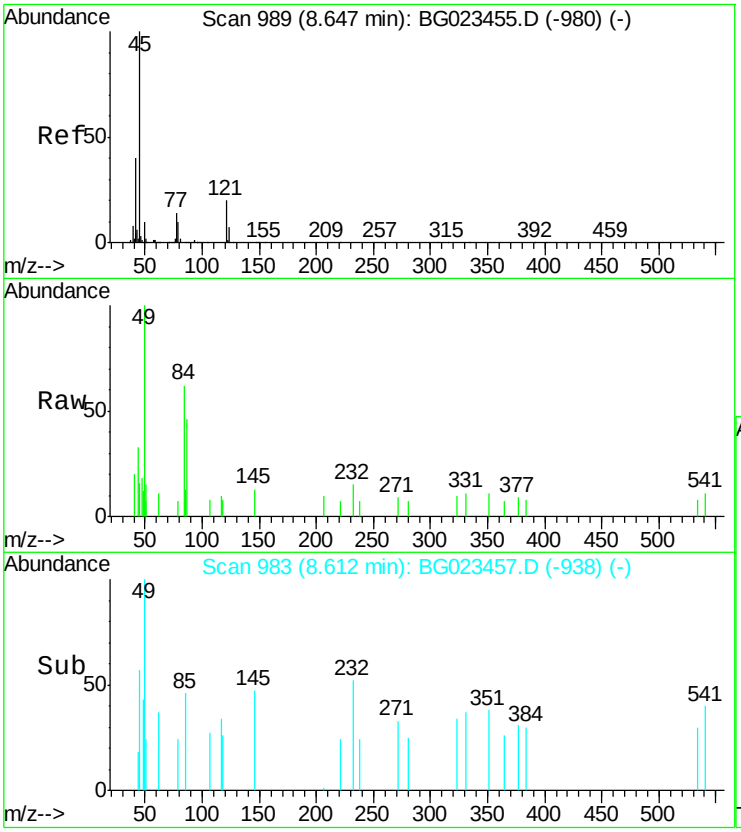




#8
Bis(2-Chloroethyl)ether
Concen: 0.15 ng/ul
RT: 7.53 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion: 93 Resp: 972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 48.0 | 56.0 | 84.0# |
| 95 | 42.5 | 27.7 | 41.5# |



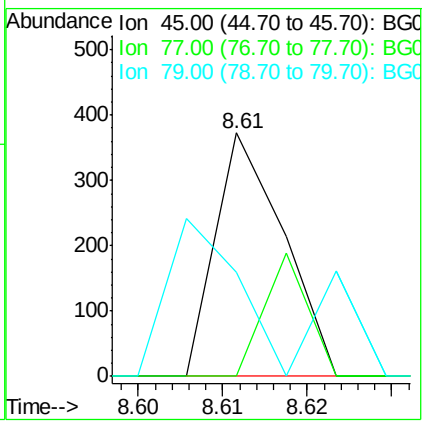


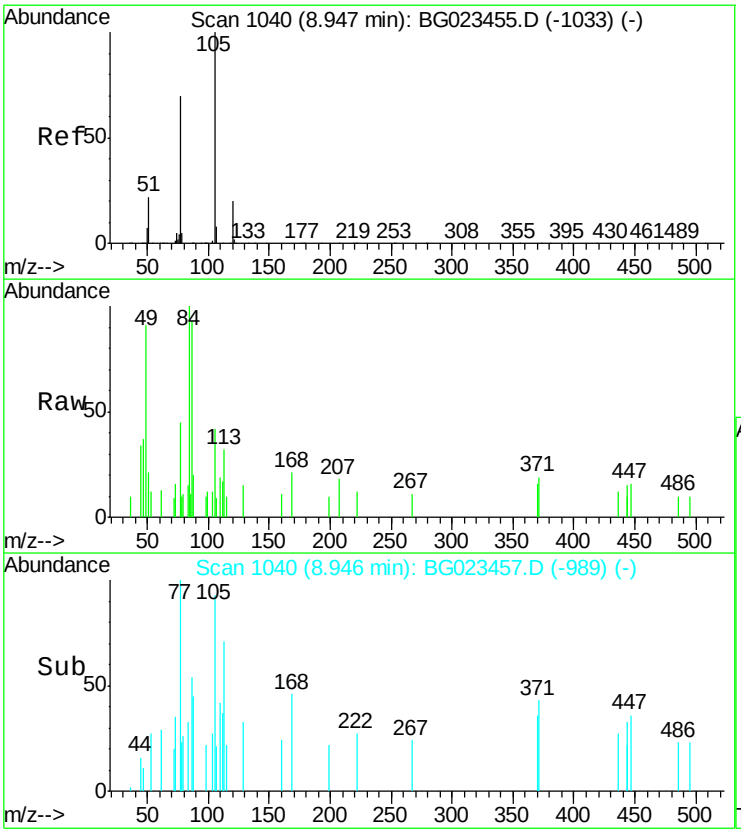

#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.61 min Scan# 983
Delta R.T. -0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 45 Resp: 207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 13.4 | 20.2# |
| 79 | 42.9 | 10.2 | 15.4# |

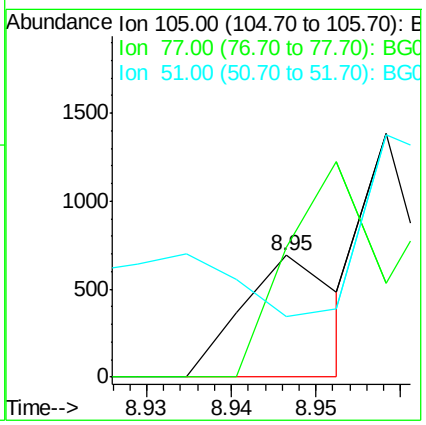


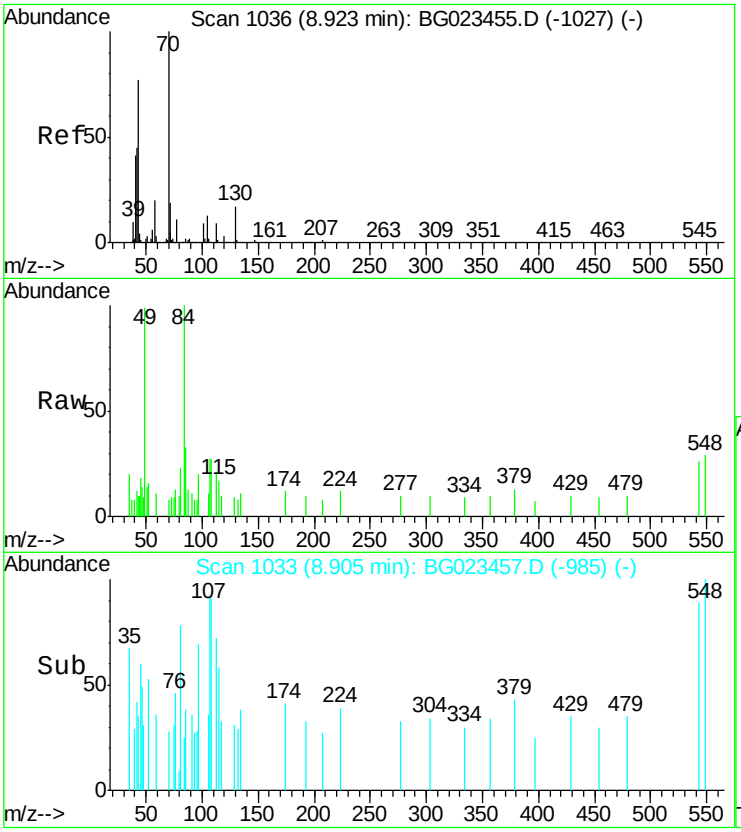




#14
Acetophenone
Concen: 0.05 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:105 Resp: 541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 107.2 | 56.1 | 84.1# |
| 51 | 49.4 | 14.6 | 22.0# |



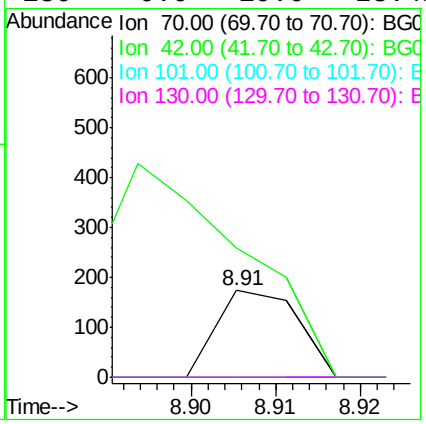


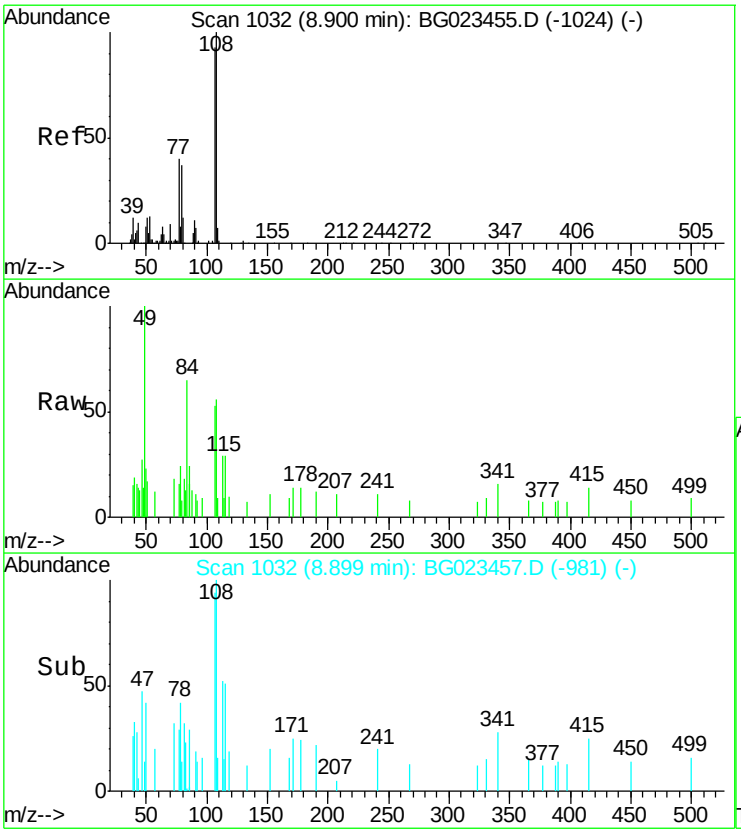

#15
N-Nitroso-di-n-propylamine
Concen: 0.02 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 70 Resp: 116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 148.3 | 31.4 | 47.2# |
| 101 | 0.0 | 8.6 | 13.0# |
| 130 | 0.0 | 19.0 | 28.4# |

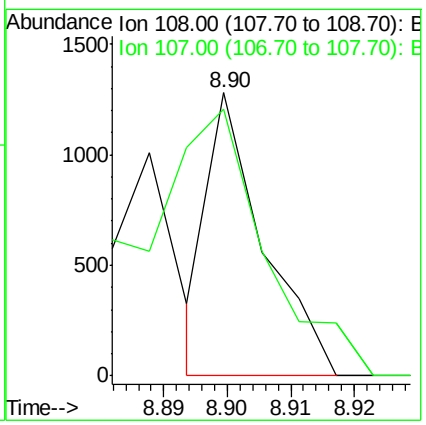


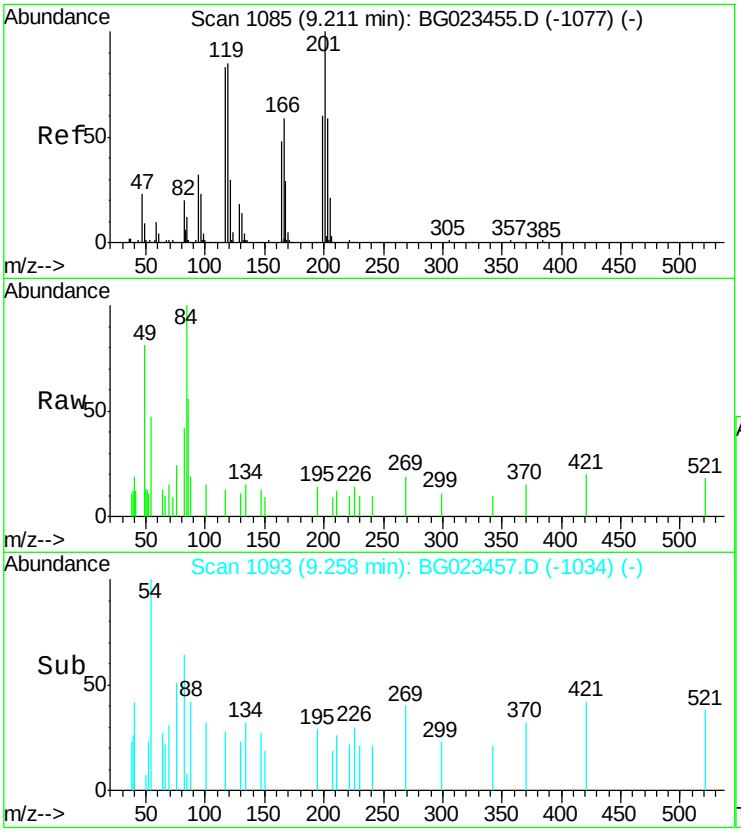




#16
4-Methylphenol
Concen: 0.10 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:108 Resp: 771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 94.4 | 88.3 | 132.5 |



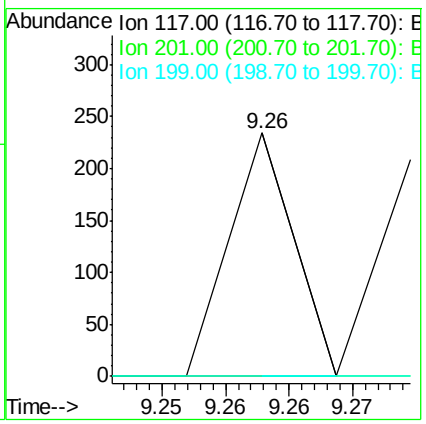


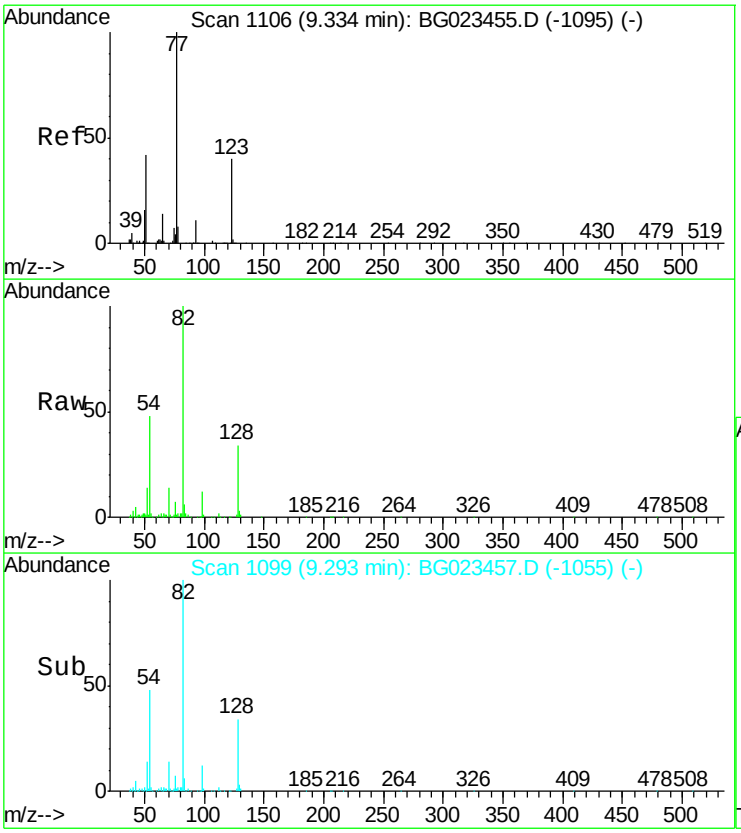

#17
Hexachloroethane
Concen: 0.03 ng/ul
RT: 9.26 min Scan# 1093
Delta R.T. 0.05 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:117 Resp: 82

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 76.8 | 115.2# |
| 199 | 0.0 | 43.5 | 65.3# |

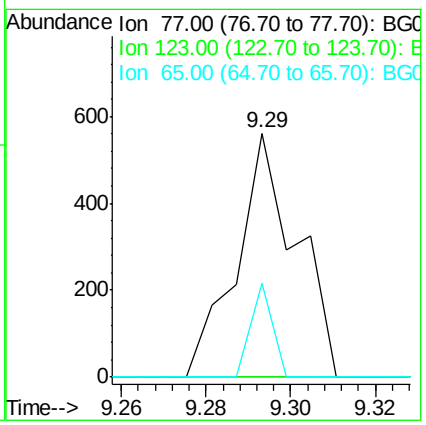


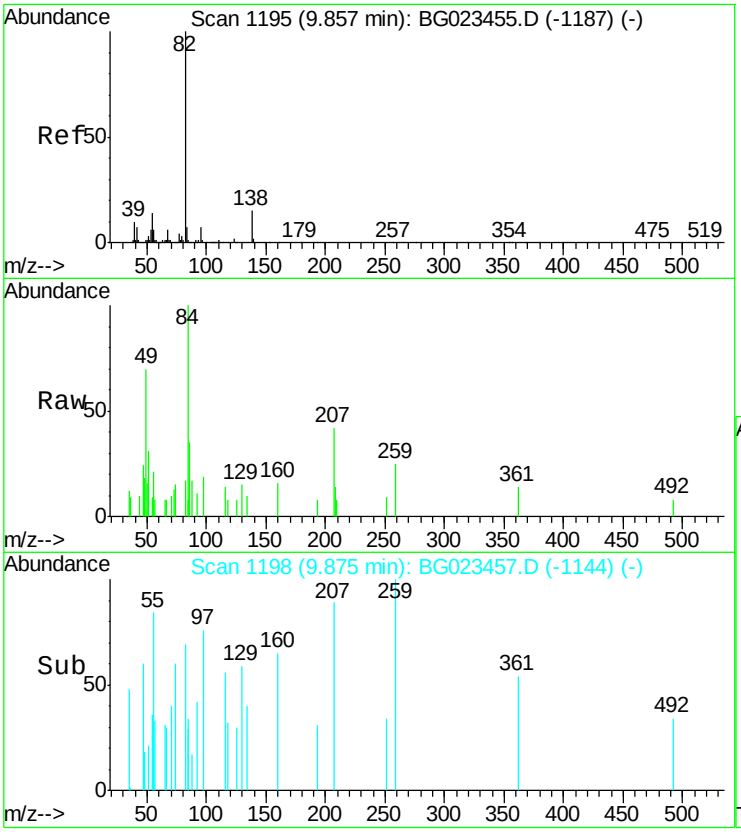




#20
Nitrobenzene
Concen: 0.06 ng/ul
RT: 9.29 min Scan# 1099
Delta R.T. -0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion: 77 Resp: 549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 39.5 | 59.3# |
| 65 | 38.5 | 9.0 | 13.4# |



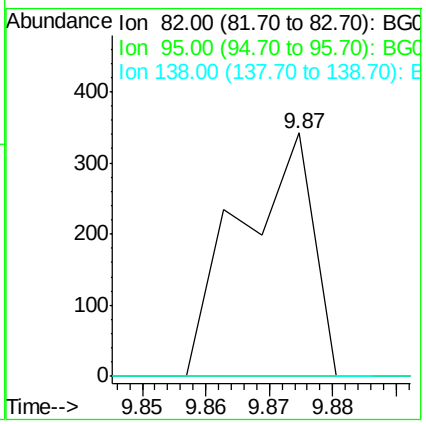


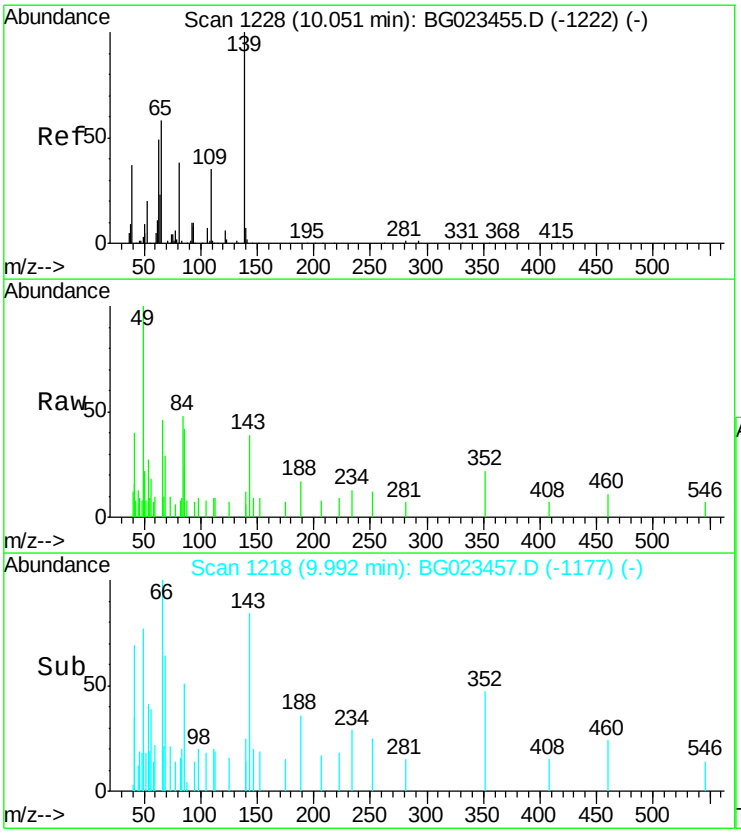

#21
Isophorone
Concen: 0.02 ng/ul
RT: 9.87 min Scan# 1198
Delta R.T. 0.02 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 82 Resp: 273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.1 | 7.7# |
| 138 | 0.0 | 15.0 | 22.6# |

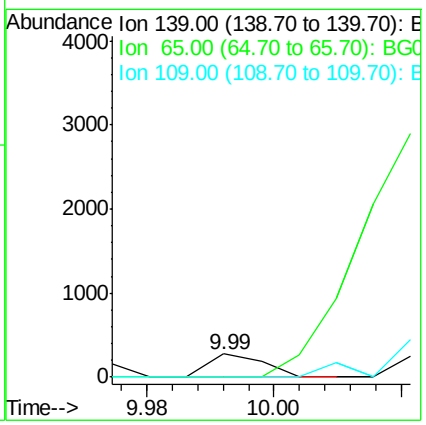


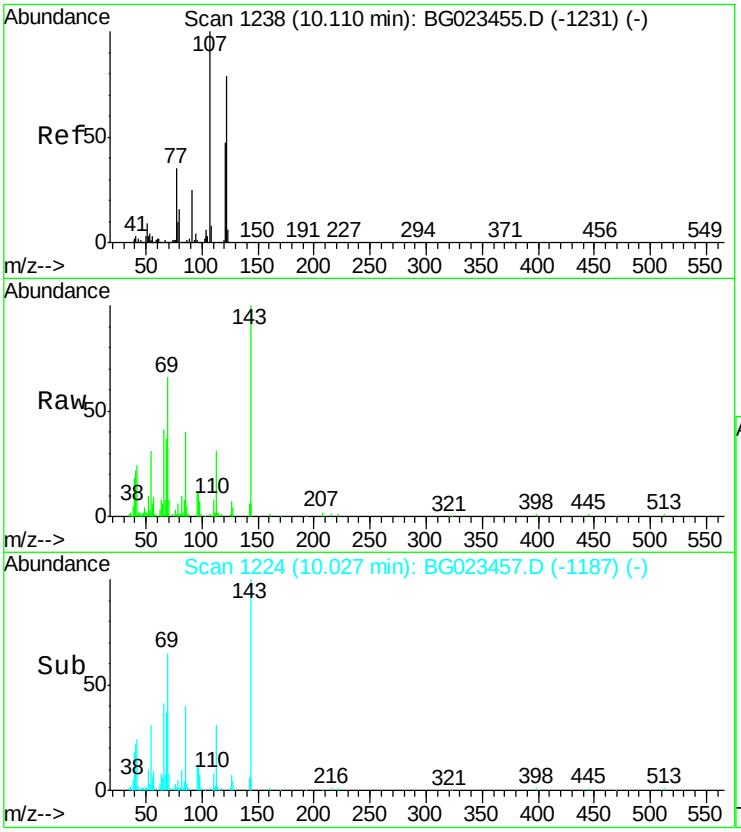




#23
2-Nitrophenol
Concen: 0.04 ng/ul
RT: 9.99 min Scan# 1218
Delta R.T. -0.06 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:139 Resp: 161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 0.0 | 31.8 | 47.8# |
| 109 | 0.0 | 17.1 | 25.7# |



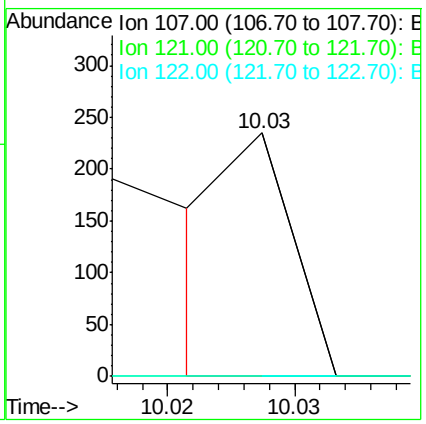


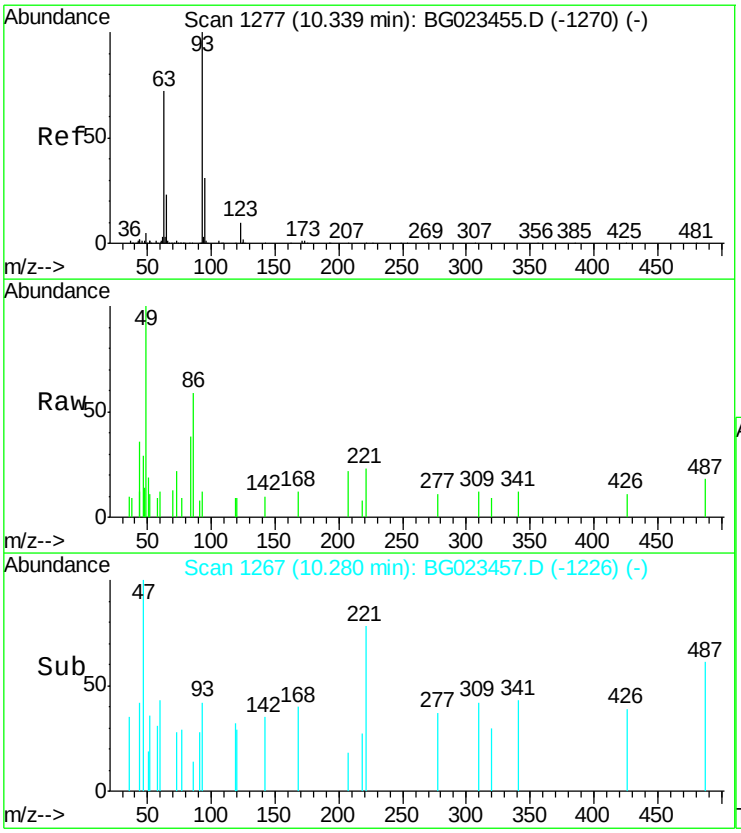

#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 10.03 min Scan# 1224
Delta R.T. -0.08 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:107 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 0.0 | 43.7 | 65.5# |
| 122 | 0.0 | 70.3 | 105.5# |

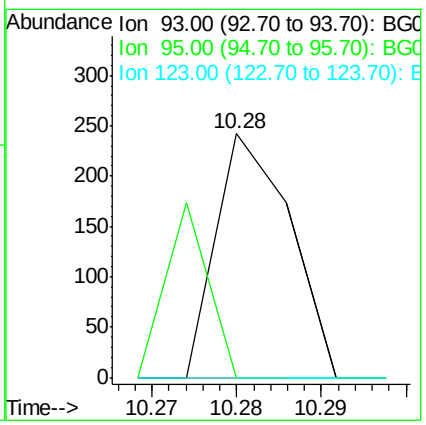


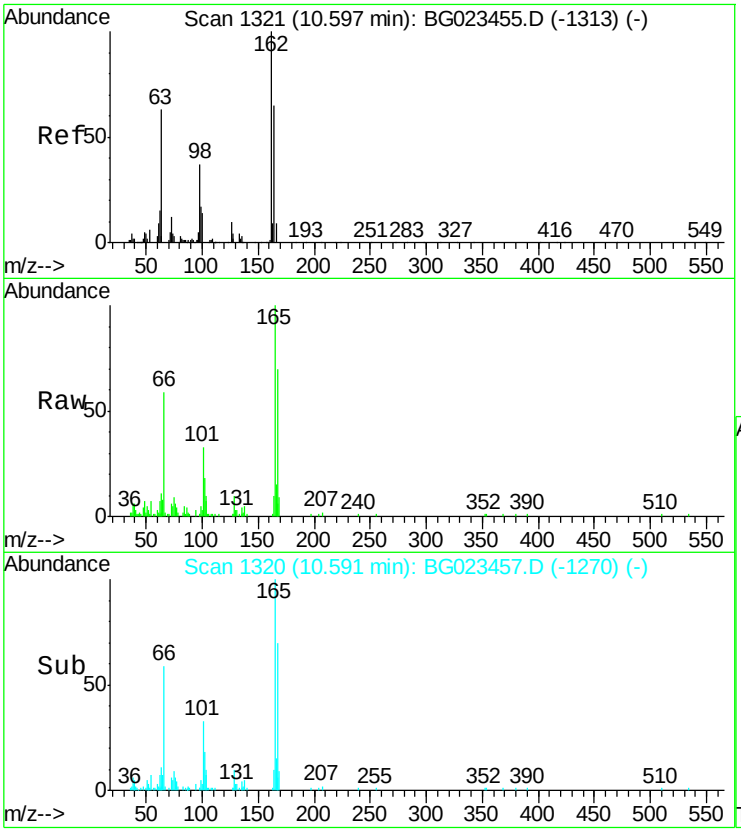




#25
Bis(2-Chloroethoxy)methane
Concen: 0.01 ng/ul
RT: 10.28 min Scan# 1267
Delta R.T. -0.06 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion: 93 Resp: 147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 26.0 | 39.0# |
| 123 | 0.0 | 10.1 | 15.1# |



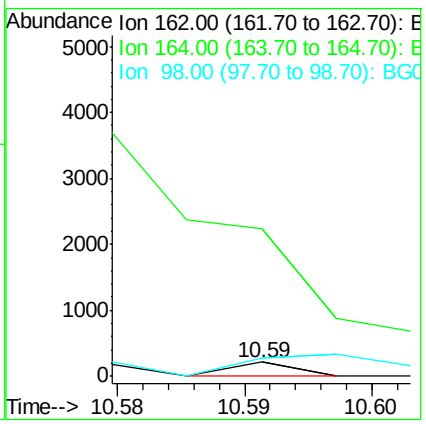


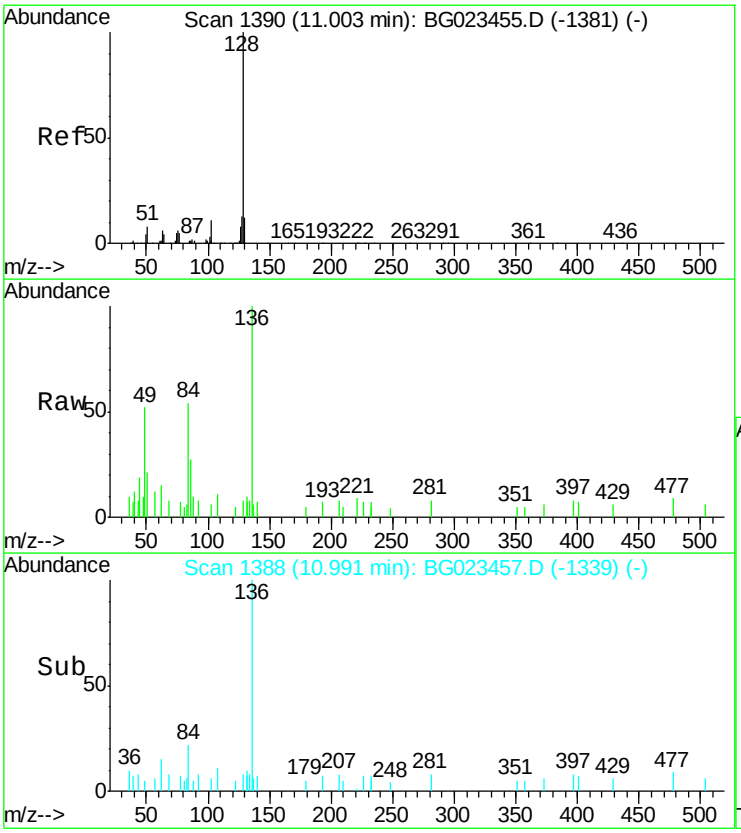

#27
2,4-Dichlorophenol
Concen: 0.01 ng/ul
RT: 10.59 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:162 Resp: 76

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 1038.6 | 51.6 | 77.4# |
| 98 | 129.8 | 28.3 | 42.5# |

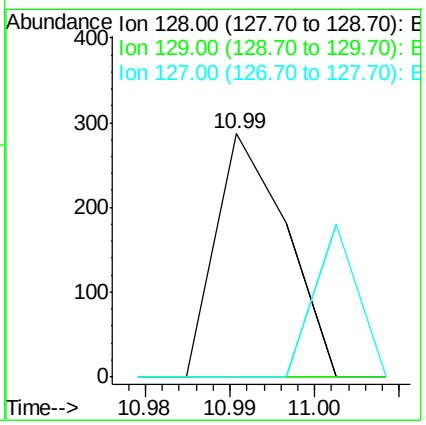


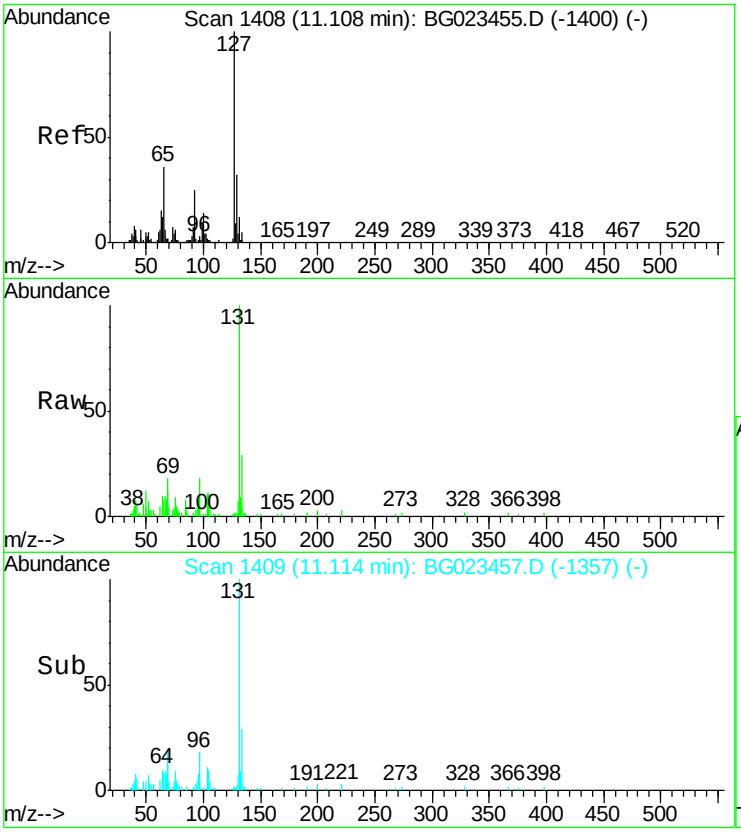




#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:128 Resp: 165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 9.4 | 14.2# |
| 127 | 0.0 | 11.2 | 16.8# |



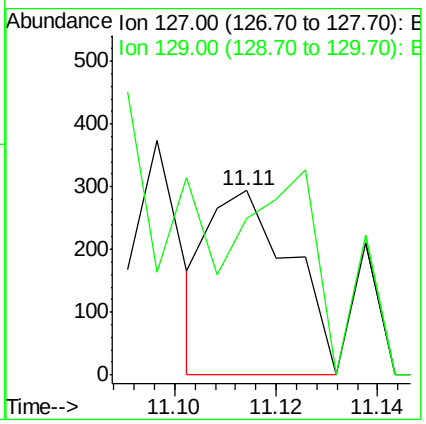


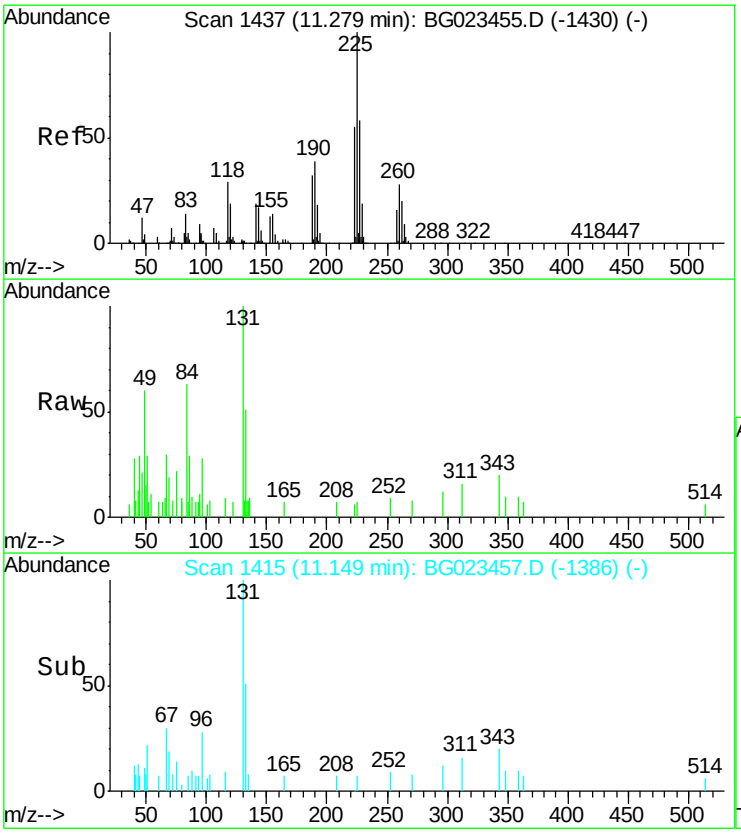

#30
4-Chloroaniline
Concen: 0.04 ng/ul
RT: 11.11 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:127 Resp: 329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 85.0 | 26.9 | 40.3# |

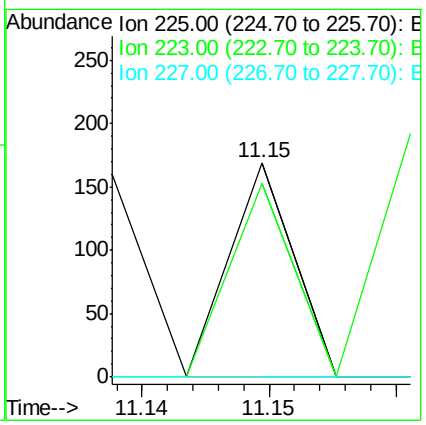


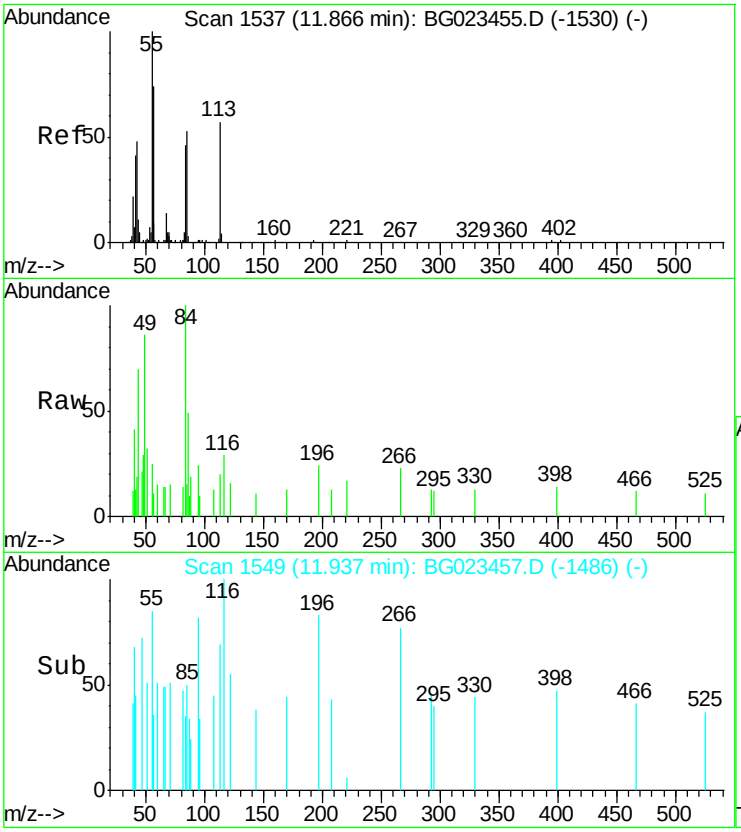




#31
Hexachlorobutadiene
Concen: 0.01 ng/ul
RT: 11.15 min Scan# 1415
Delta R.T. -0.13 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:225 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 90.5 | 54.7 | 82.1# |
| 227 | 0.0 | 52.2 | 78.4# |



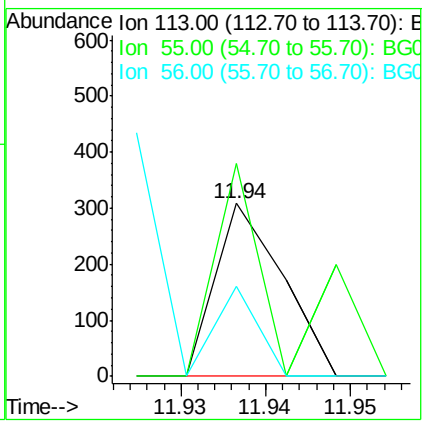


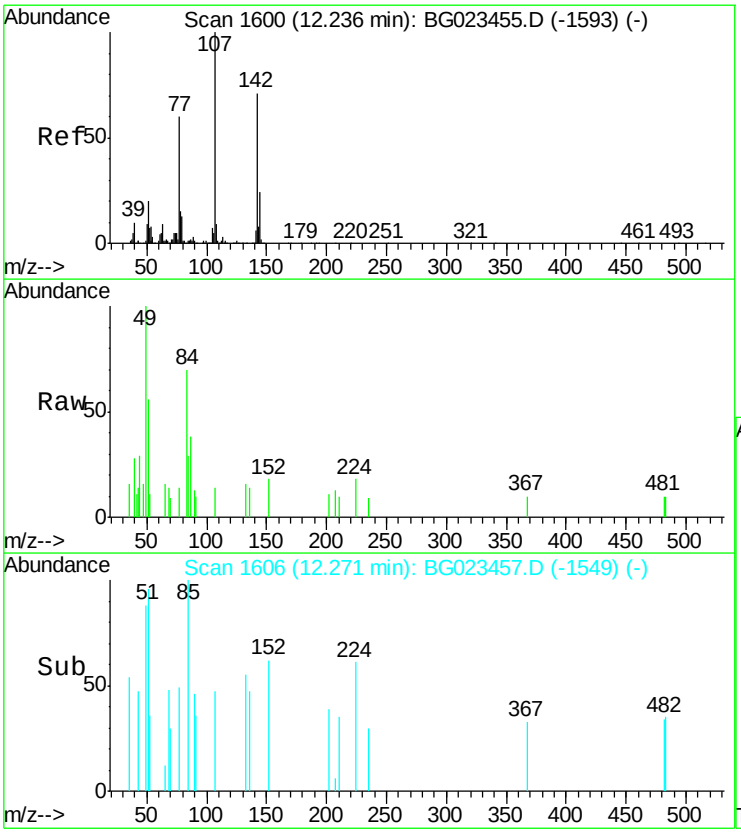

#32
Caprolactam
Concen: 0.06 ng/ul
RT: 11.94 min Scan# 1549
Delta R.T. 0.07 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:113 Resp: 169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 123.1 | 99.6 | 149.4 |
| 56 | 52.3 | 66.4 | 99.6# |

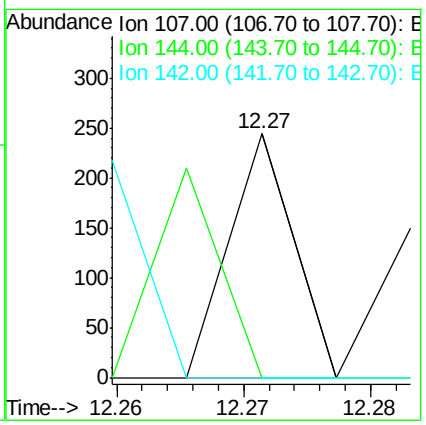


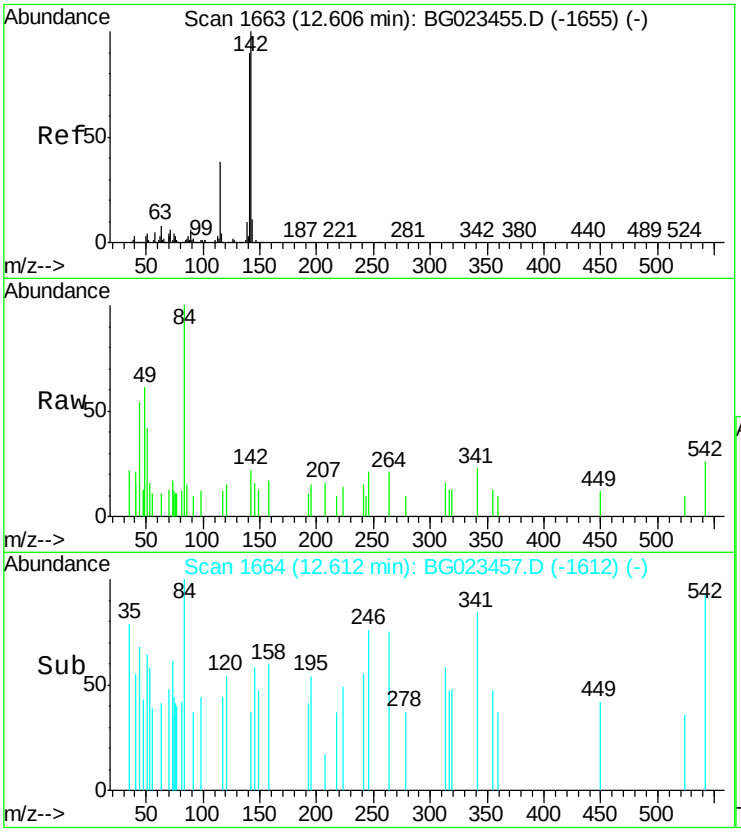




#33
4-Chloro-3-methylphenol
Concen: 0.01 ng/ul
RT: 12.27 min Scan# 1606
Delta R.T. 0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:107 Resp: 86

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 0.0 | 22.7 | 34.1# |
| 142 | 0.0 | 71.6 | 107.4# |



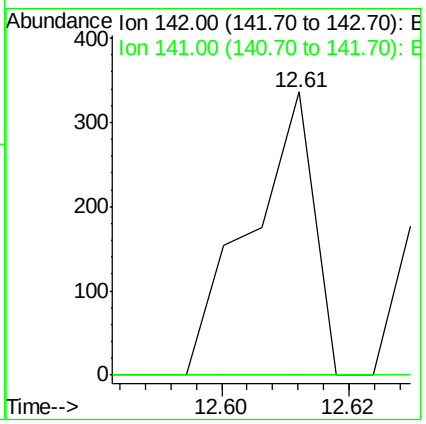


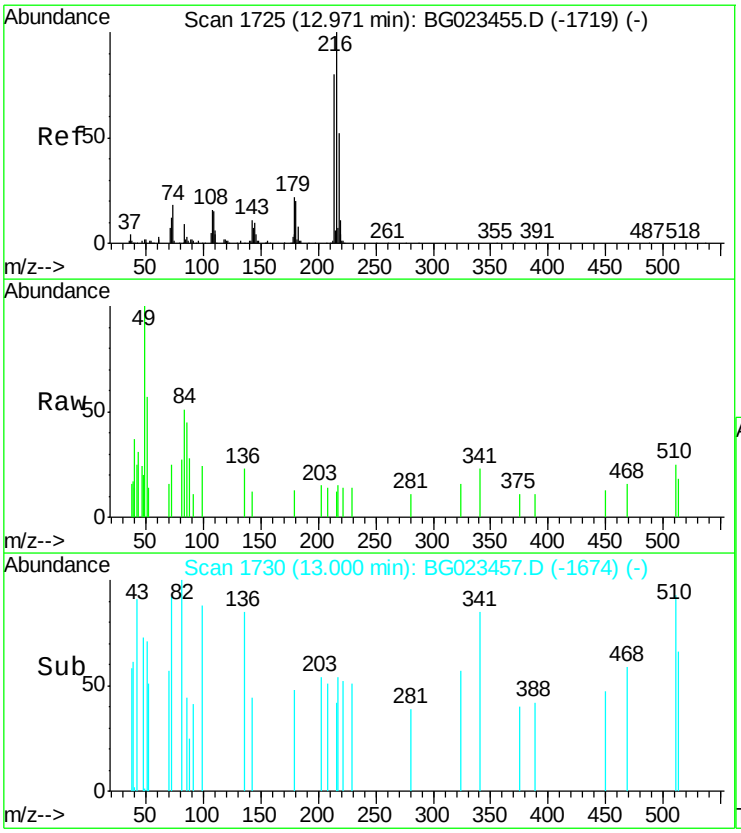

#34
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.61 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:142 Resp: 235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 75.2 | 112.8# |

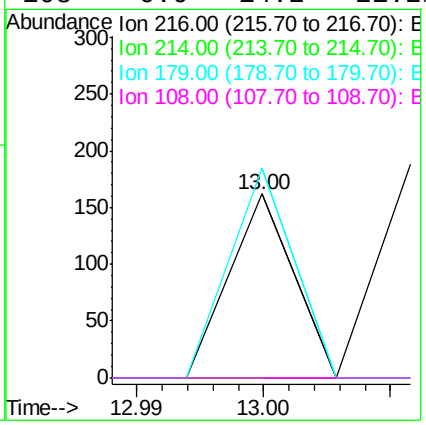


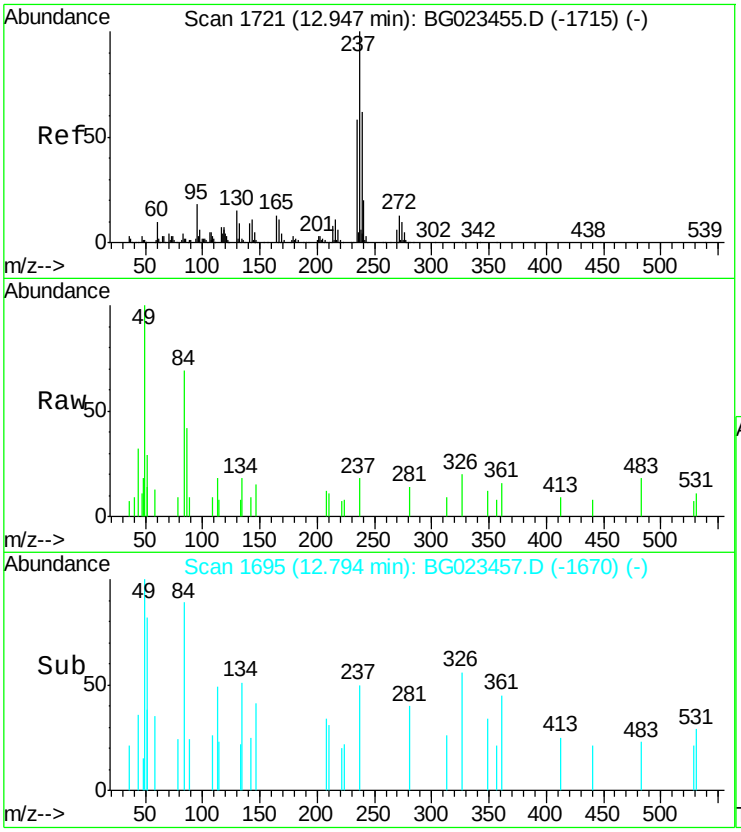




#36
1,2,4,5-Tetrachlorobenzene
Concen: 0.01 ng/ul
RT: 13.00 min Scan# 1730
Delta R.T. 0.03 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:216 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 0.0 | 61.7 | 92.5# |
| 179 | 114.2 | 17.0 | 25.4# |
| 108 | 0.0 | 14.2 | 21.2# |



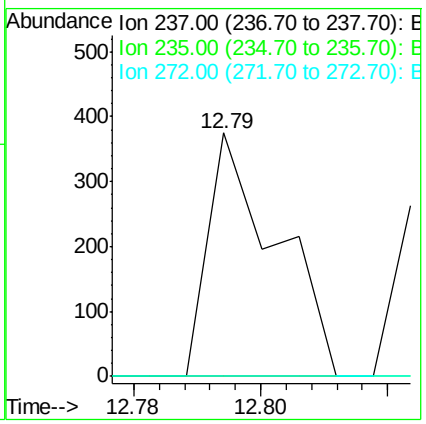


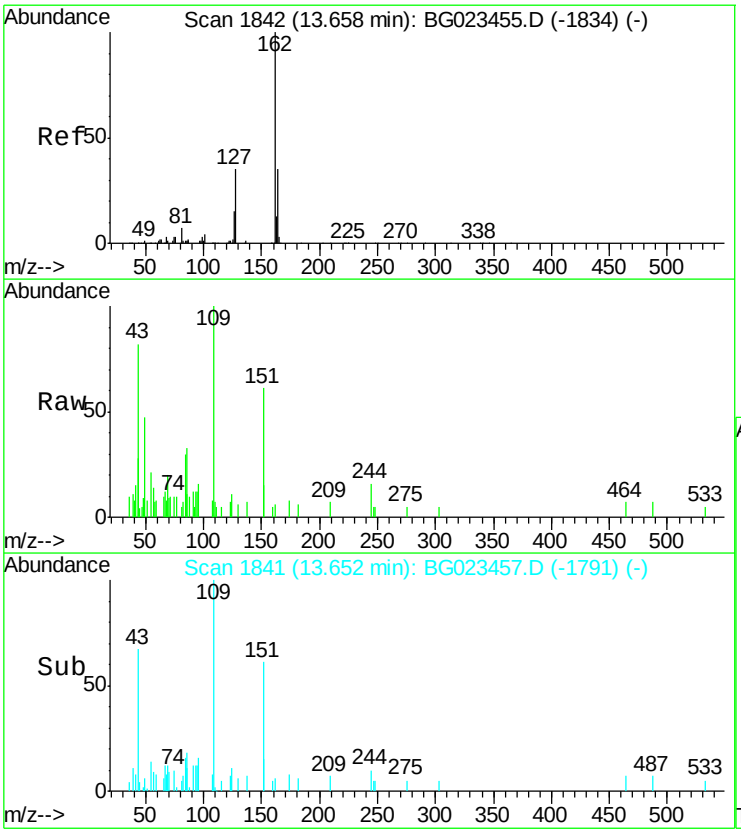

#37
Hexachlorocyclopentadiene
Concen: 0.05 ng/ul
RT: 12.79 min Scan# 1695
Delta R.T. -0.15 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:237 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 49.6 | 74.4# |
| 272 | 0.0 | 9.3 | 13.9# |

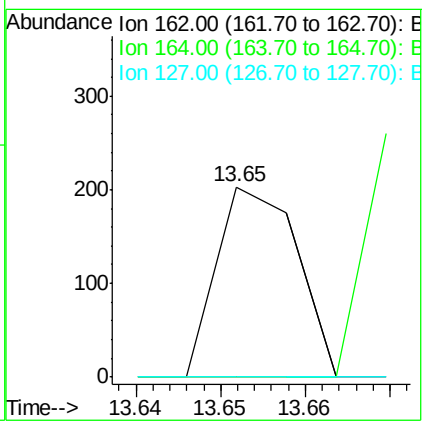


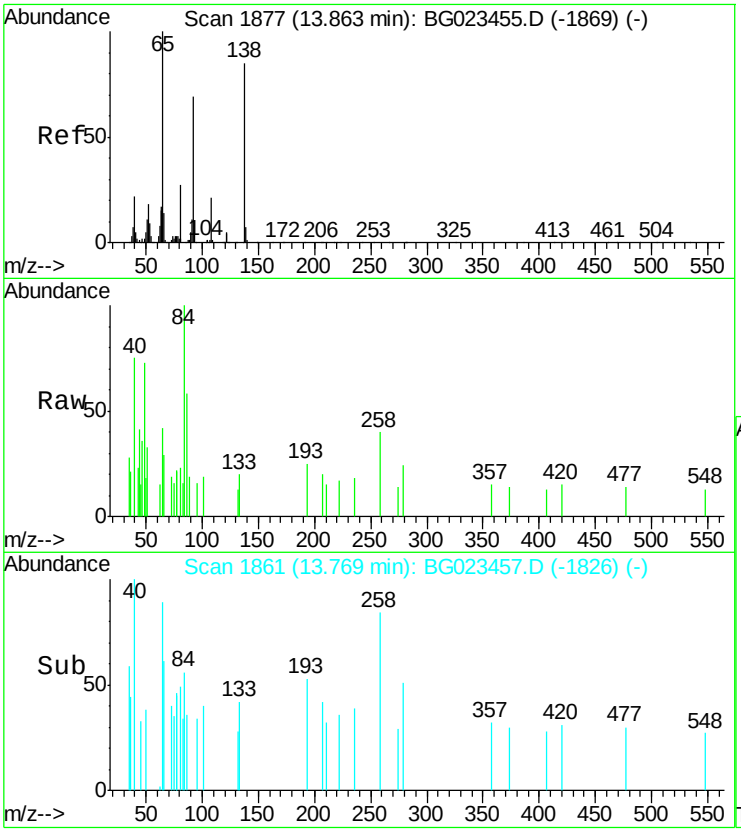




#41
2-Chloronaphthalene
Concen: 0.01 ng/ul
RT: 13.65 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:162 Resp: 133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 0.0 | 25.4 | 38.2# |
| 127 | 0.0 | 30.2 | 45.4# |



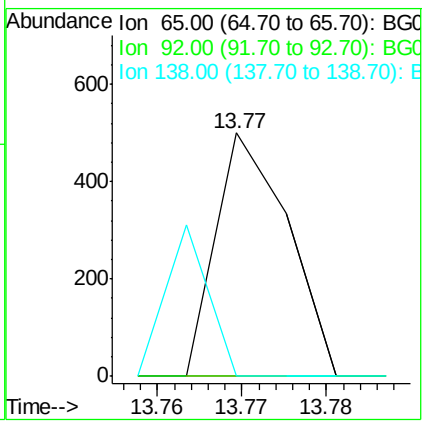


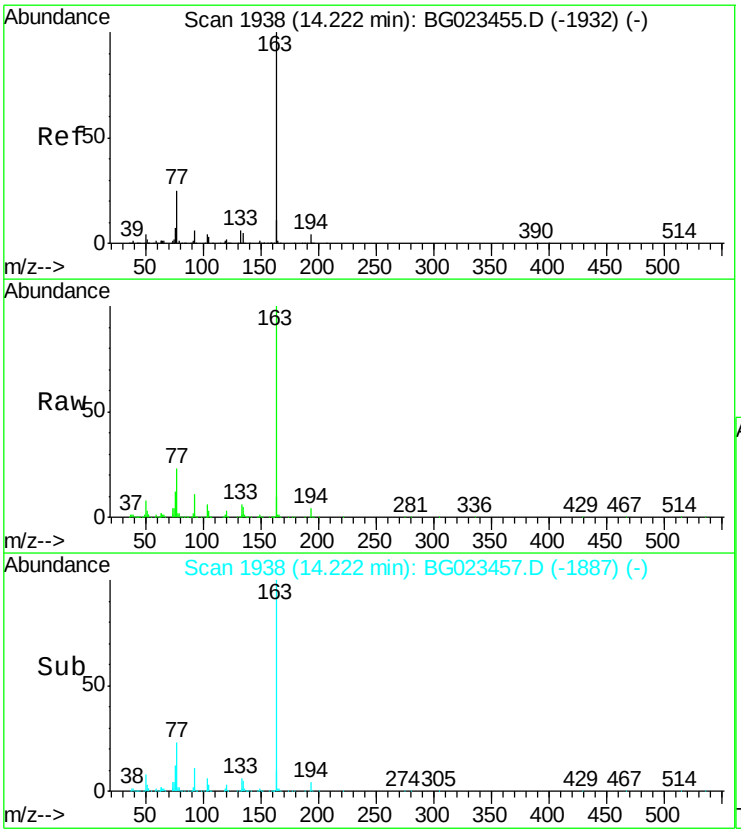

#42
2-Nitroaniline
Concen: 0.04 ng/ul
RT: 13.77 min Scan# 1861
Delta R.T. -0.09 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion: 65 Resp: 295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 67.1 | 100.7# |
| 138 | 0.0 | 109.6 | 164.4# |

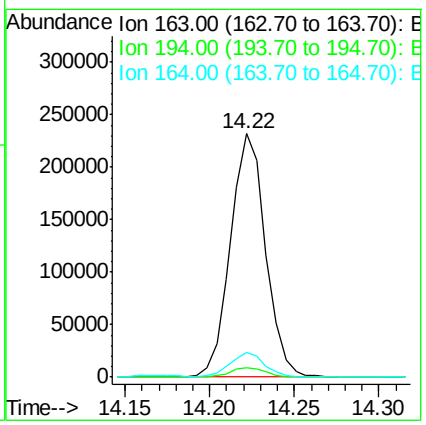


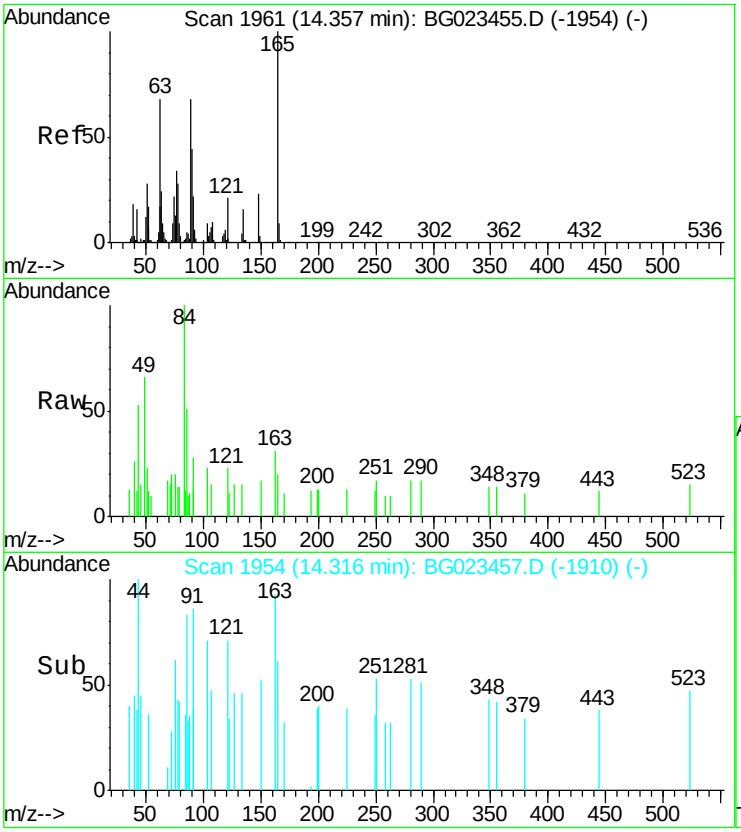




#44
Dimethylphthalate
Concen: 11.74 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:163 Resp: 332714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.4 | 5.2 |
| 164 | 10.1 | 8.8 | 13.2 |



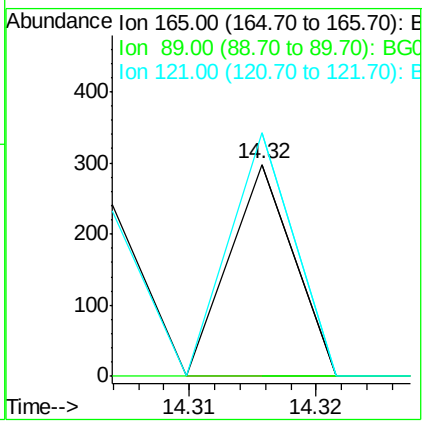


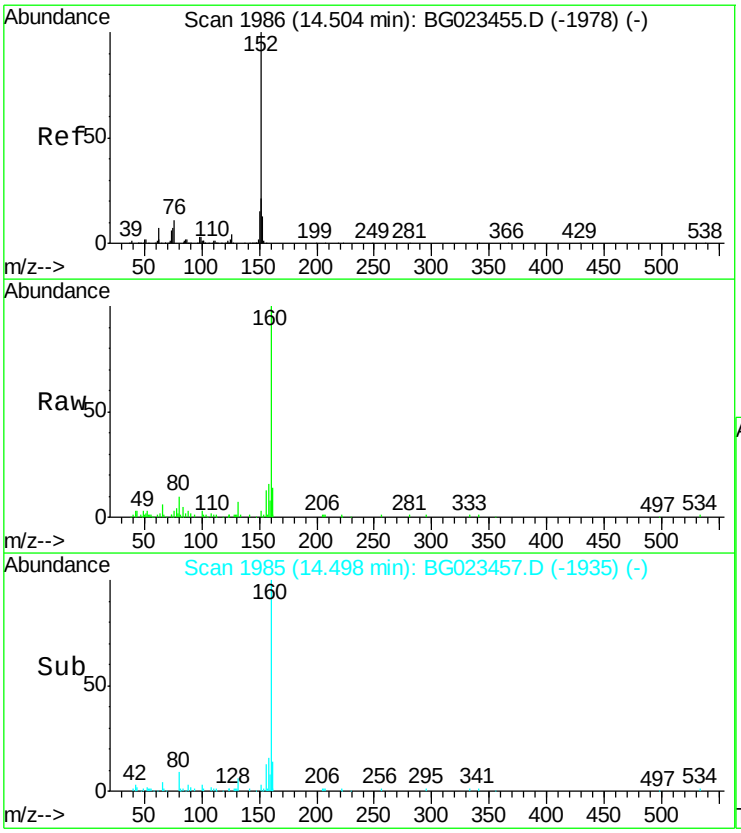

#45
2,6-Dinitrotoluene
Concen: 0.02 ng/ul
RT: 14.32 min Scan# 1954
Delta R.T. -0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:165 Resp: 105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 41.5 | 62.3# |
| 121 | 114.8 | 17.0 | 25.4# |

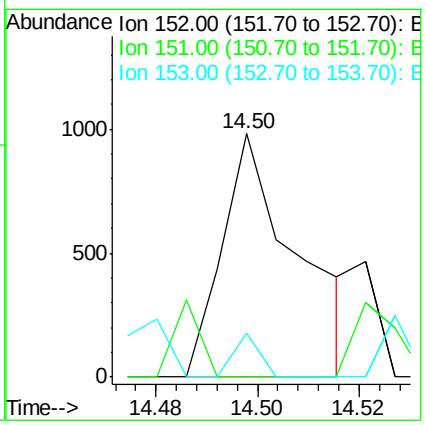


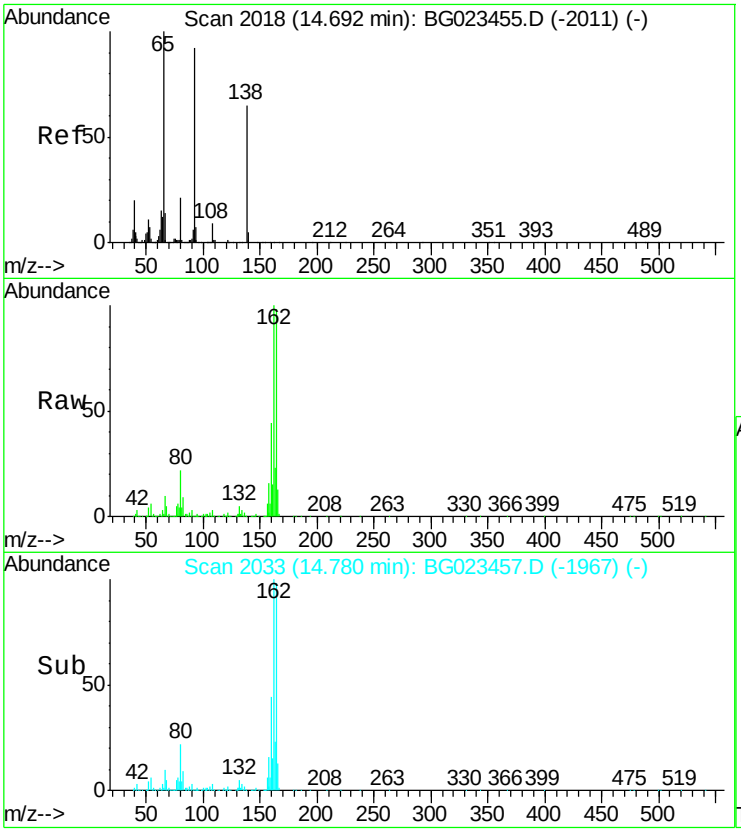




#47
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:152 Resp: 1000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 17.5 | 26.3# |
| 153 | 18.2 | 11.1 | 16.7# |



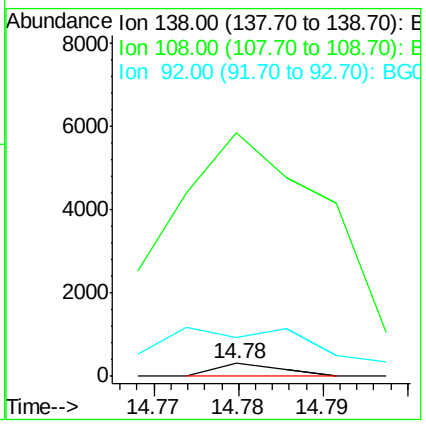


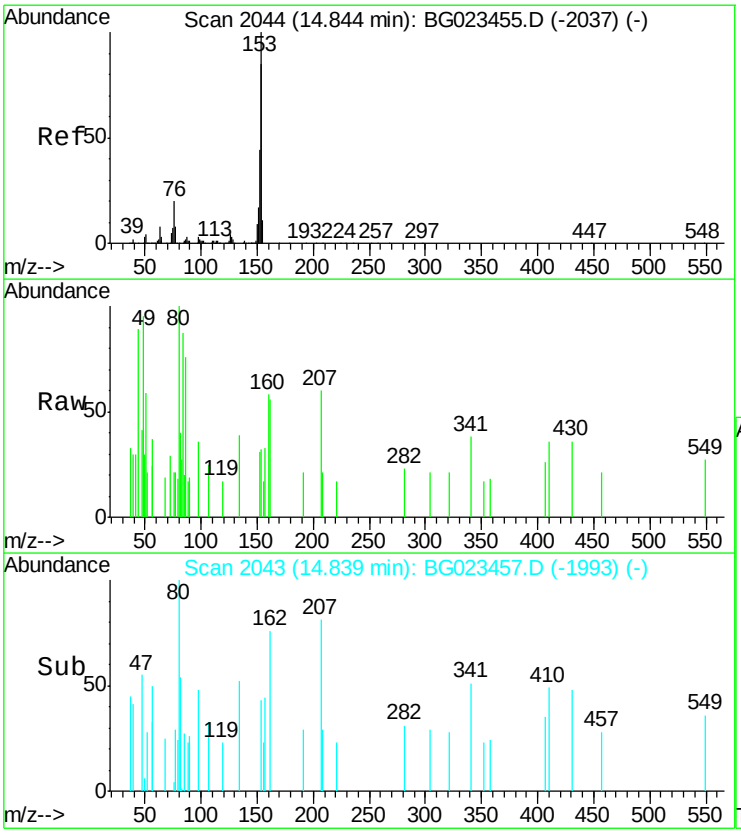

#48
3-Nitroaniline
Concen: 0.03 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.09 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:138 Resp: 167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 1870.5 | 6.2 | 9.2# |
| 92 | 296.5 | 79.3 | 118.9# |

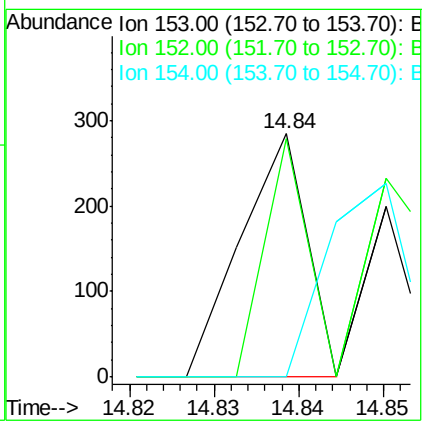


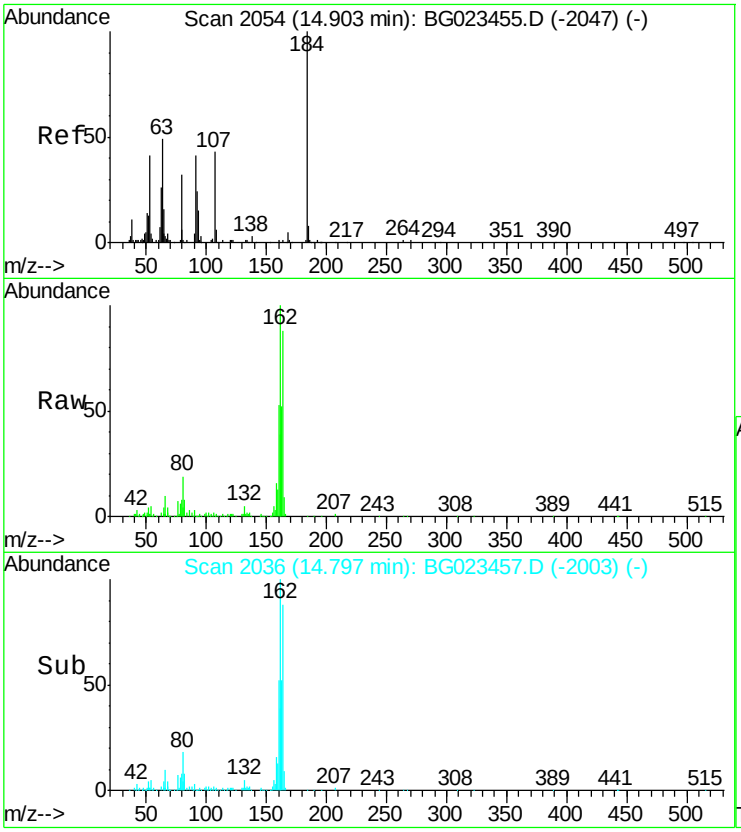




#49
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:153 Resp: 154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 97.9 | 37.3 | 55.9# |
| 154 | 0.0 | 68.2 | 102.2# |



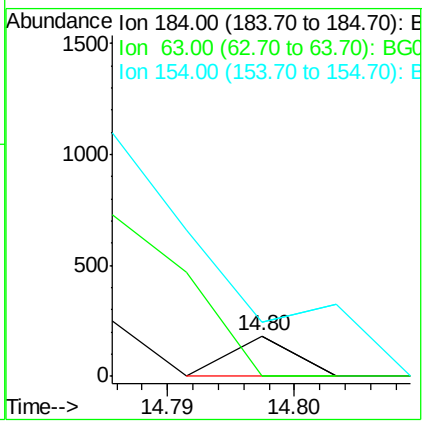


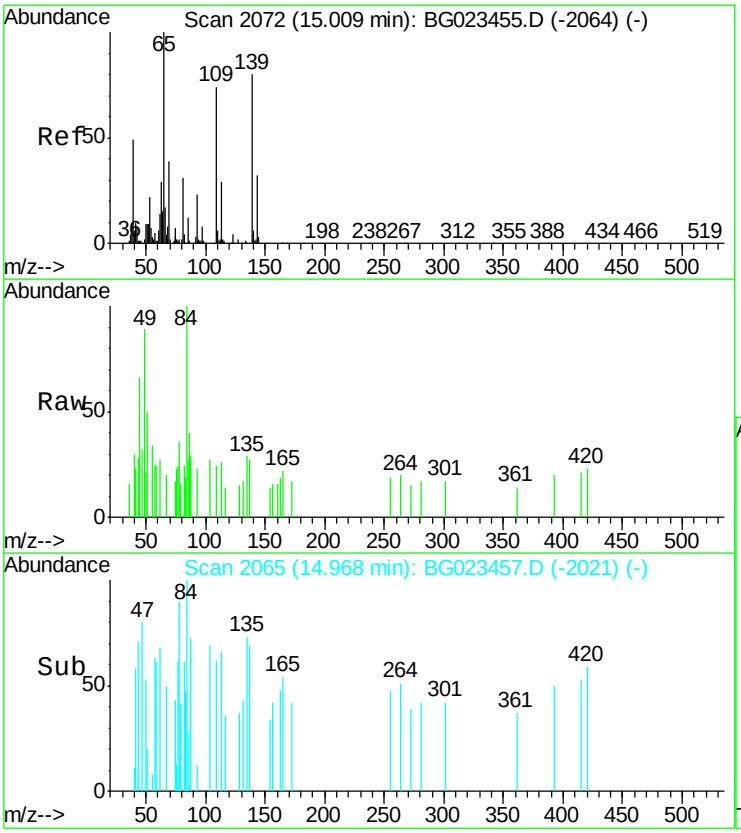

#50
2,4-Dinitrophenol
Concen: 0.02 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. -0.11 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:184 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 40.5 | 60.7# |
| 154 | 133.7 | 48.5 | 72.7# |

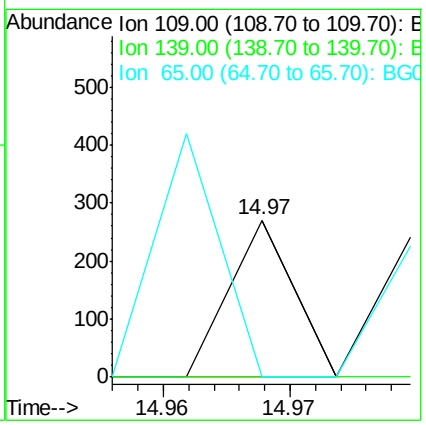


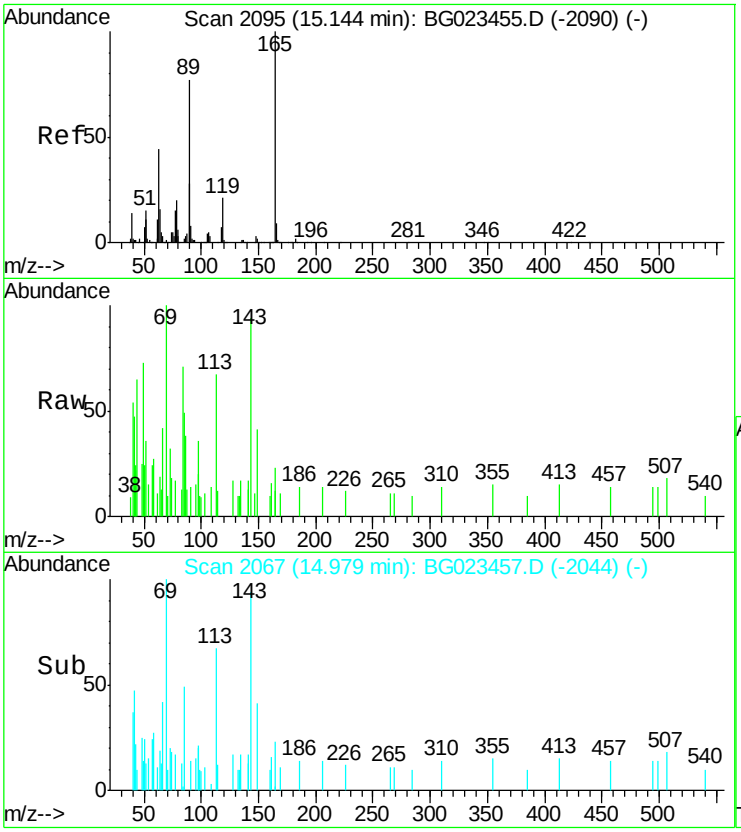




#52
4-Nitrophenol
Concen: 0.02 ng/ul
RT: 14.97 min Scan# 2065
Delta R.T. -0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:109 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 0.0 | 136.1 | 204.1# |
| 65 | 0.0 | 106.0 | 159.0# |



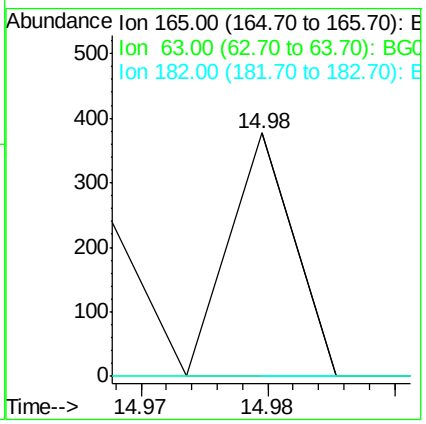


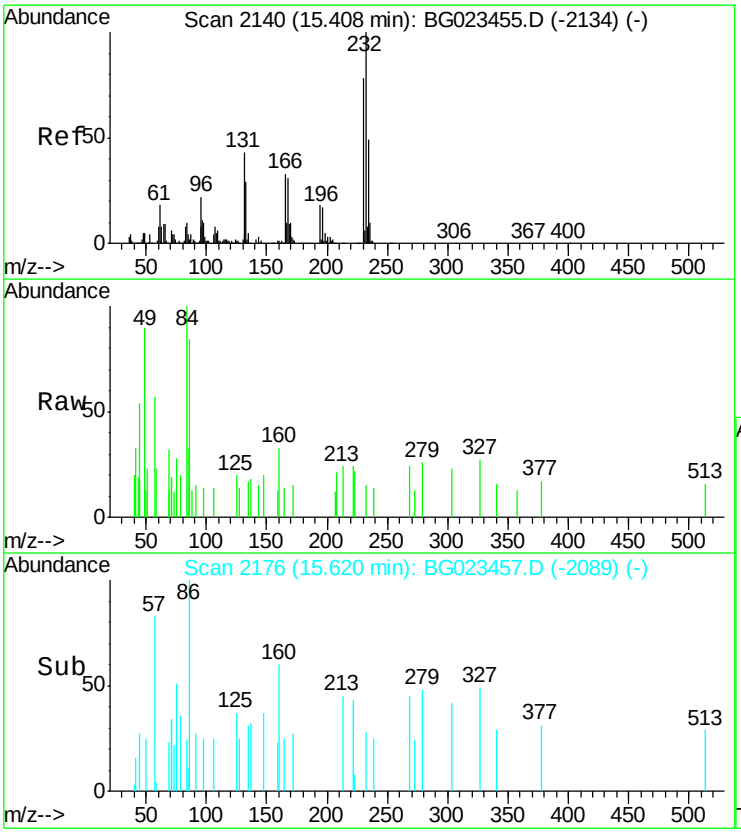

#54
2,4-Dinitrotoluene
Concen: 0.01 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.16 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:165 Resp: 133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 25.7 | 38.5# |
| 182 | 0.0 | 2.1 | 3.1# |

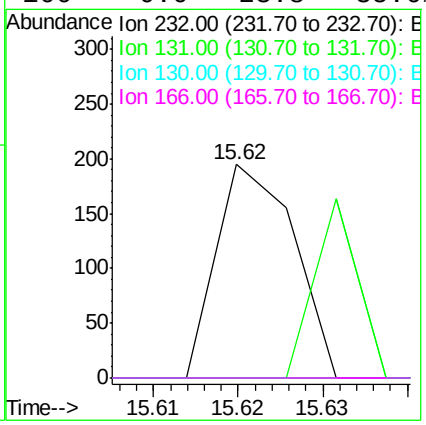


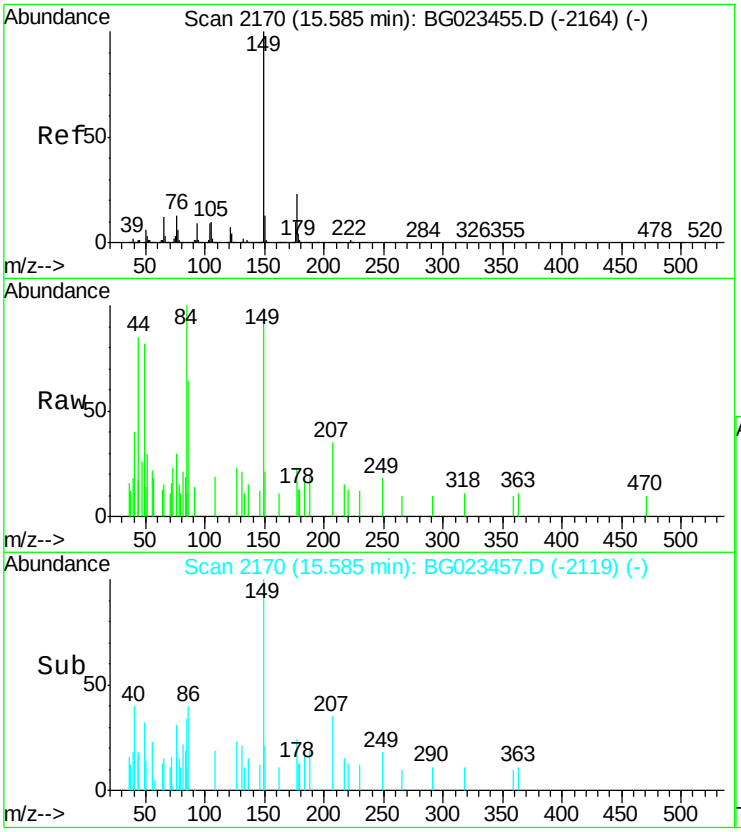




#55
2,3,4,6-Tetrachlorophenol
Concen: 0.02 ng/ul
RT: 15.62 min Scan# 2176
Delta R.T. 0.21 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:232 Resp: 123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 0.0 | 34.8 | 52.2# |
| 130 | 0.0 | 2.2 | 3.2# |
| 166 | 0.0 | 23.8 | 35.6# |



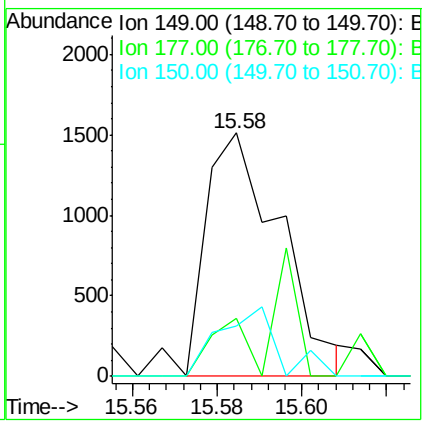


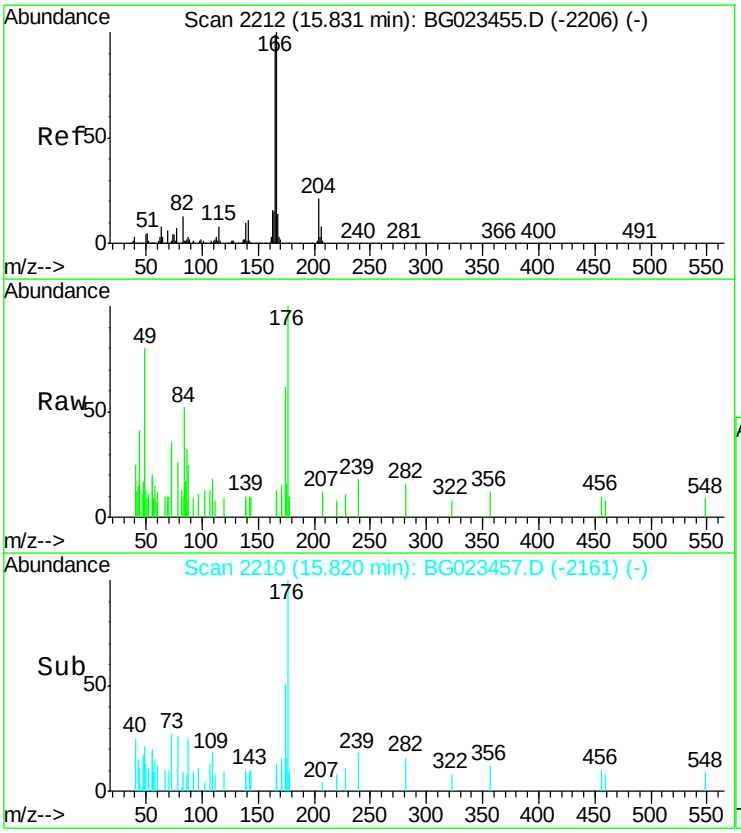

#56
Diethylphthalate
Concen: 0.06 ng/ul
RT: 15.58 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:149 Resp: 1836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 17.4 | 26.2 |
| 150 | 21.0 | 9.6 | 14.4# |

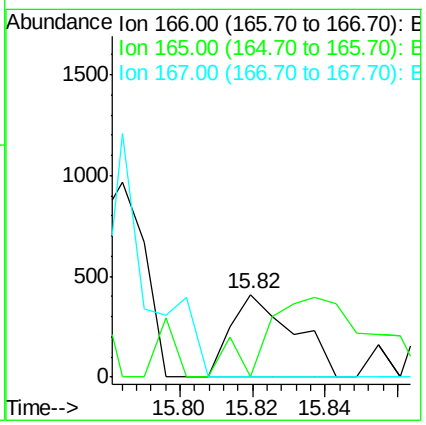


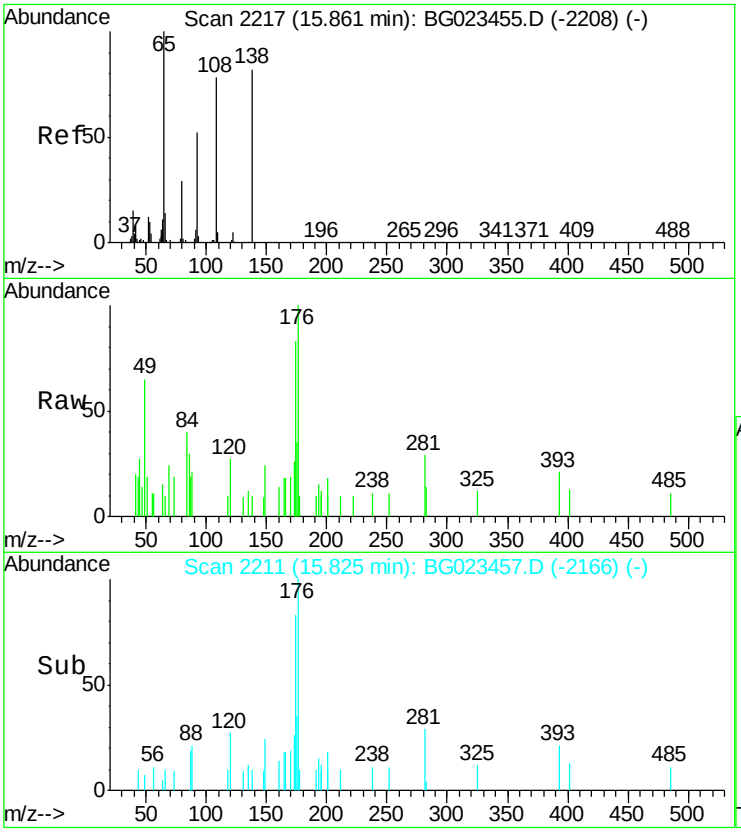




#58
Fluorene
Concen: 0.02 ng/ul
RT: 15.82 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:166 Resp: 496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 0.0 | 80.3 | 120.5# |
| 167 | 0.0 | 10.3 | 15.5# |



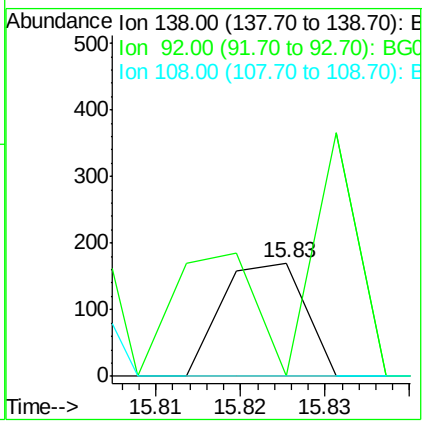


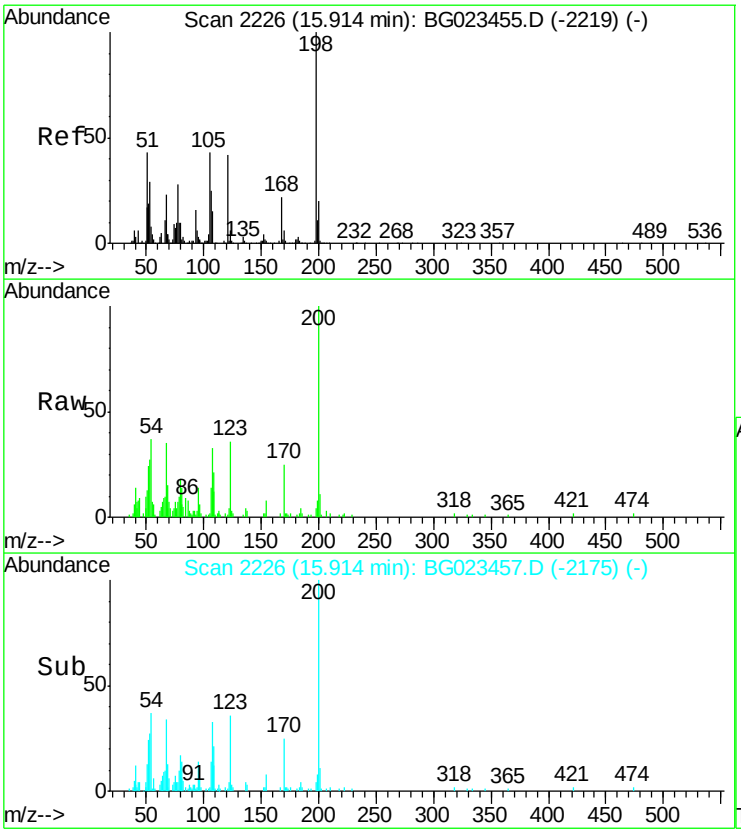

#60
4-Nitroaniline
Concen: 0.02 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:138 Resp: 116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 0.0 | 39.0 | 58.4# |
| 108 | 0.0 | 49.2 | 73.8# |

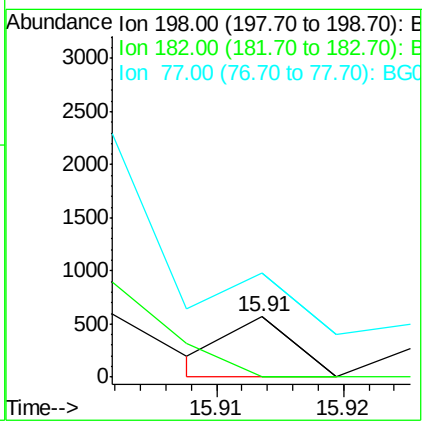


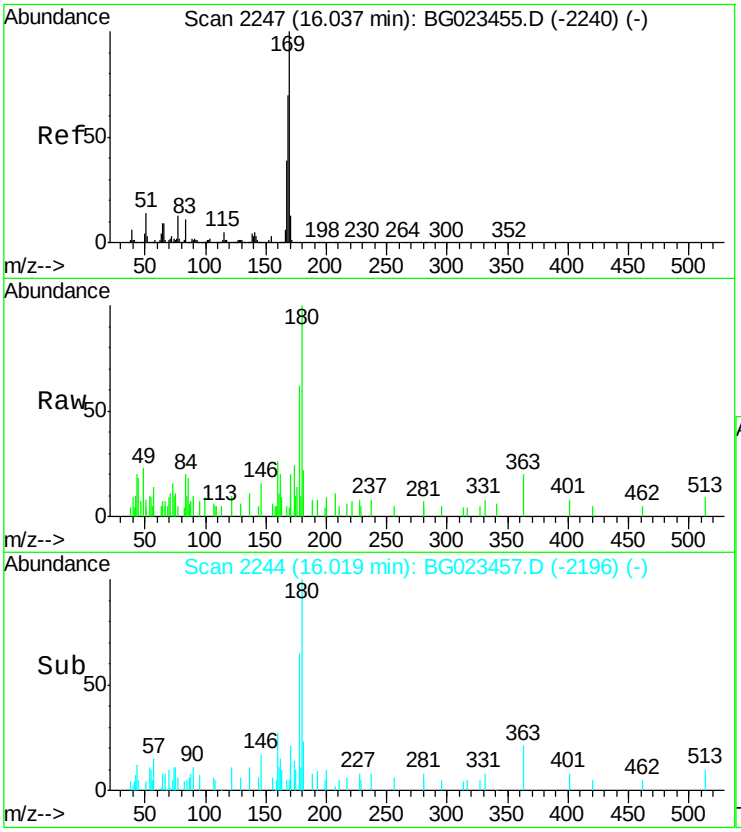




#63
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng/ul
RT: 15.91 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:198 Resp: 200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 0.0 | 4.2 | 6.2# |
| 77 | 172.8 | 16.7 | 25.1# |



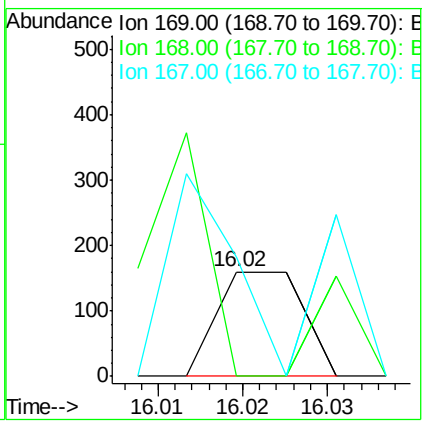


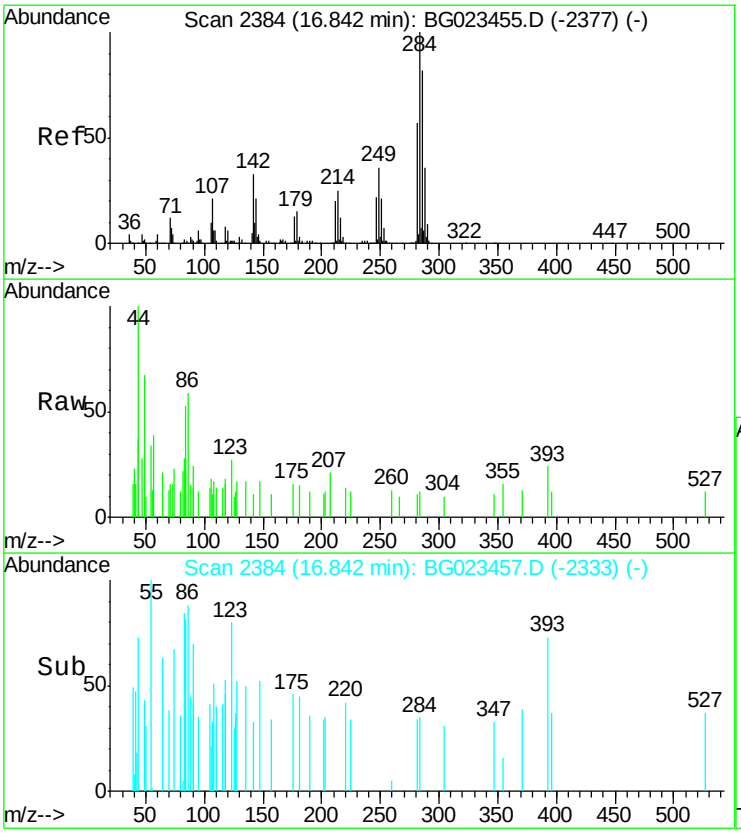

#64
N-Nitrosodiphenylamine
Concen: 0.00 ng/ul
RT: 16.02 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:169 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 59.0 | 88.6# |
| 167 | 114.4 | 30.6 | 46.0# |

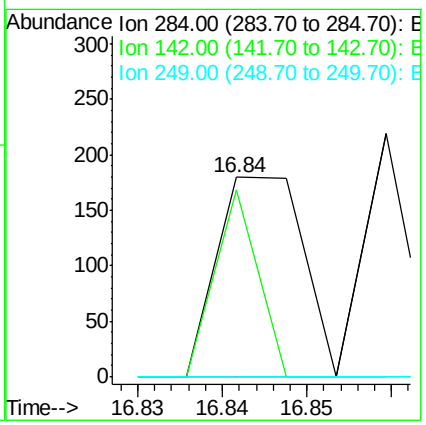


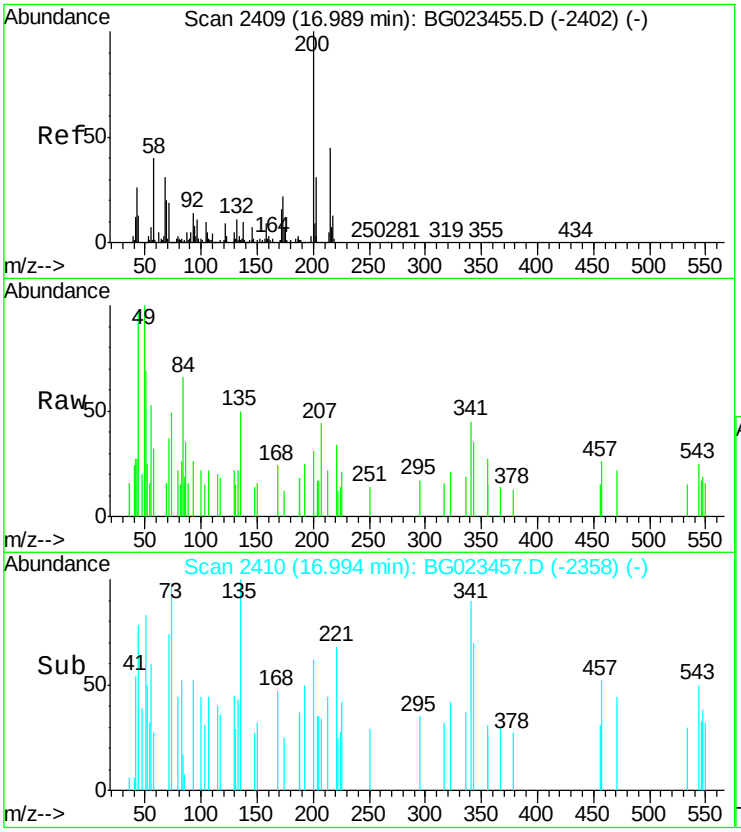




#66
Hexachlorobenzene
Concen: 0.01 ng/ul
RT: 16.84 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:284 Resp: 127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 93.9 | 27.8 | 41.8# |
| 249 | 0.0 | 24.4 | 36.6# |



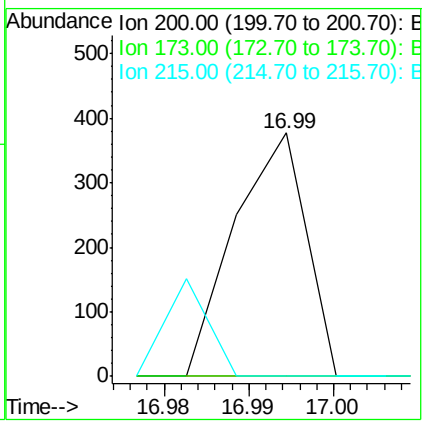


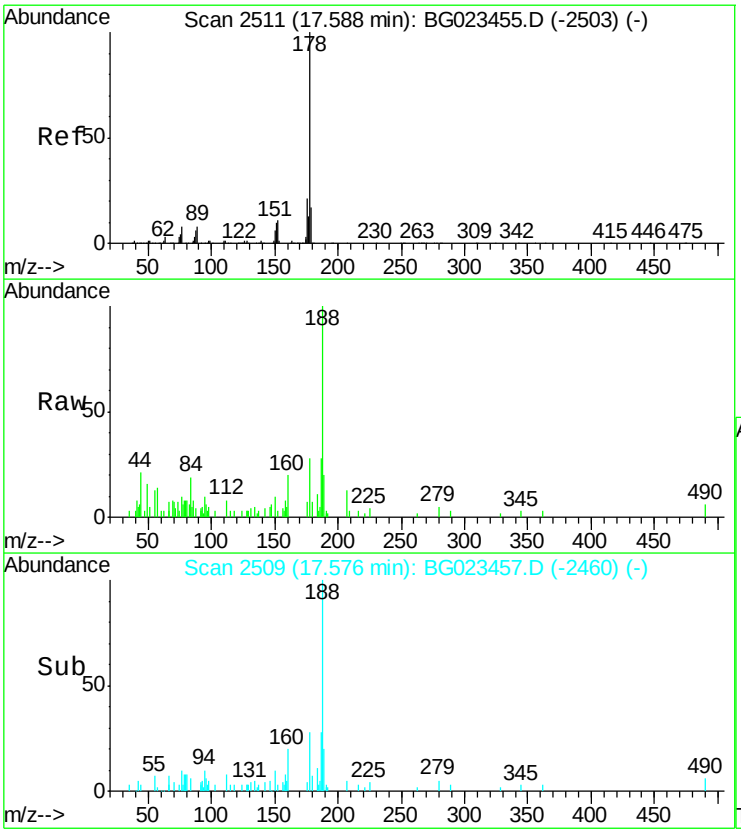

#67
Atrazine
Concen: 0.02 ng/ul
RT: 16.99 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:200 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 21.0 | 31.6# |
| 215 | 0.0 | 37.9 | 56.9# |

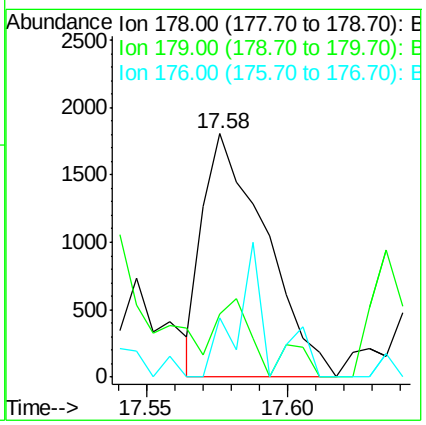


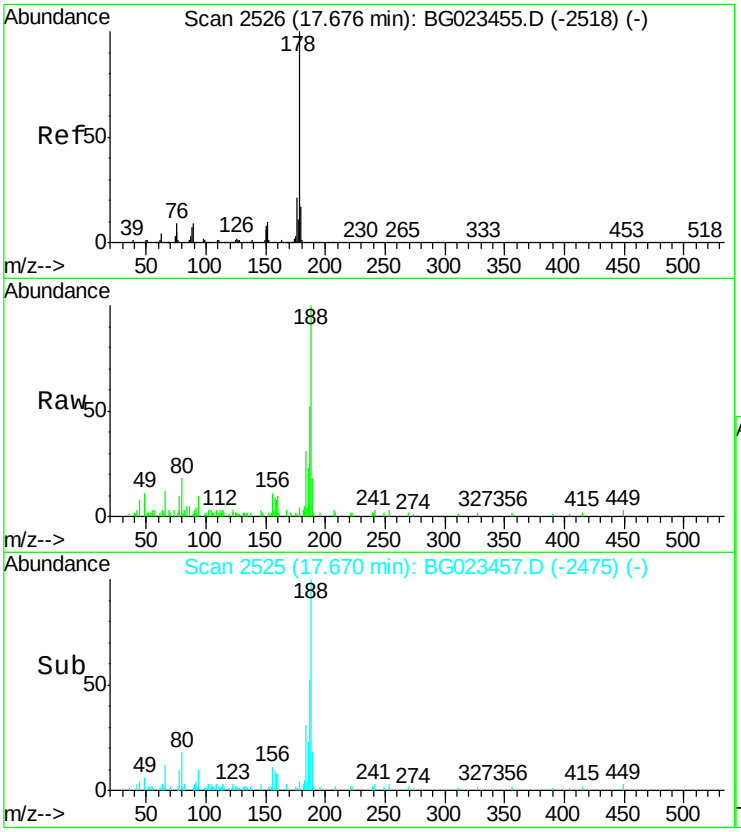




#69
Phenanthrene
Concen: 0.06 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:178 Resp: 2796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 25.9 | 12.9 | 19.3# |
| 176 | 24.4 | 15.8 | 23.8# |



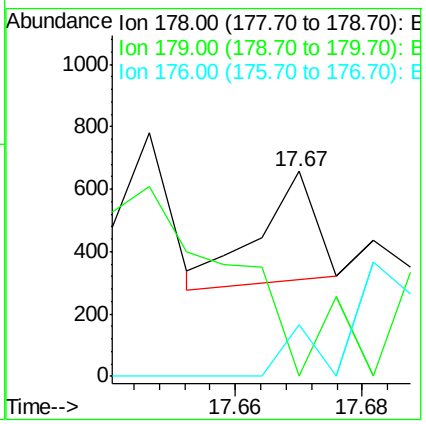


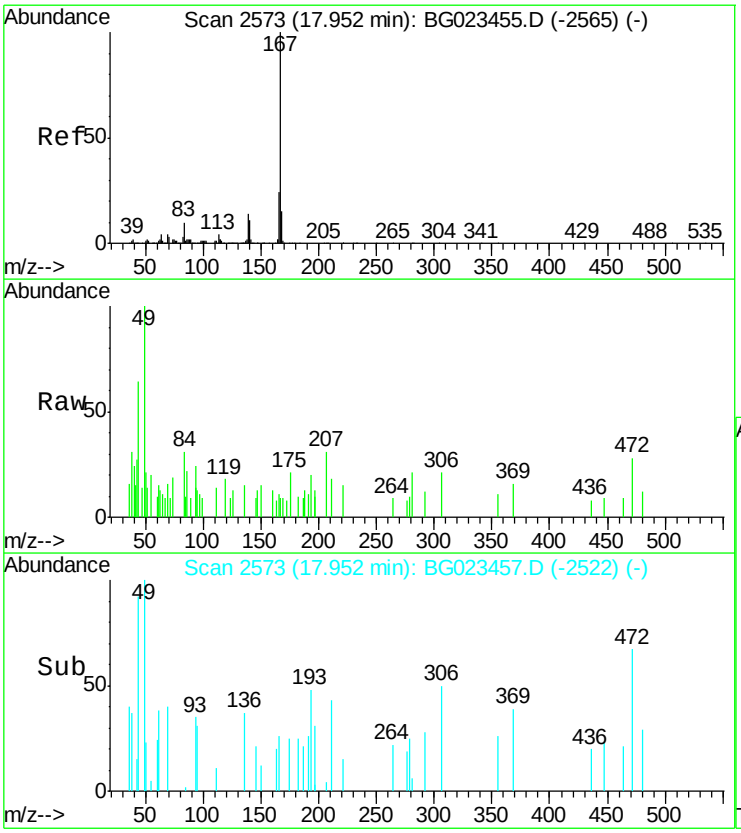

#71
Anthracene
Concen: 0.00 ng/ul
RT: 17.67 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:178 Resp: 215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 0.0 | 12.3 | 18.5# |
| 176 | 25.0 | 16.3 | 24.5# |

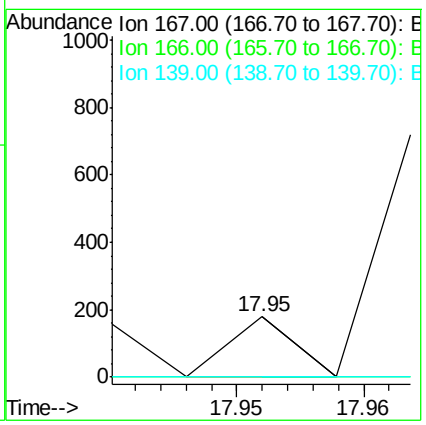


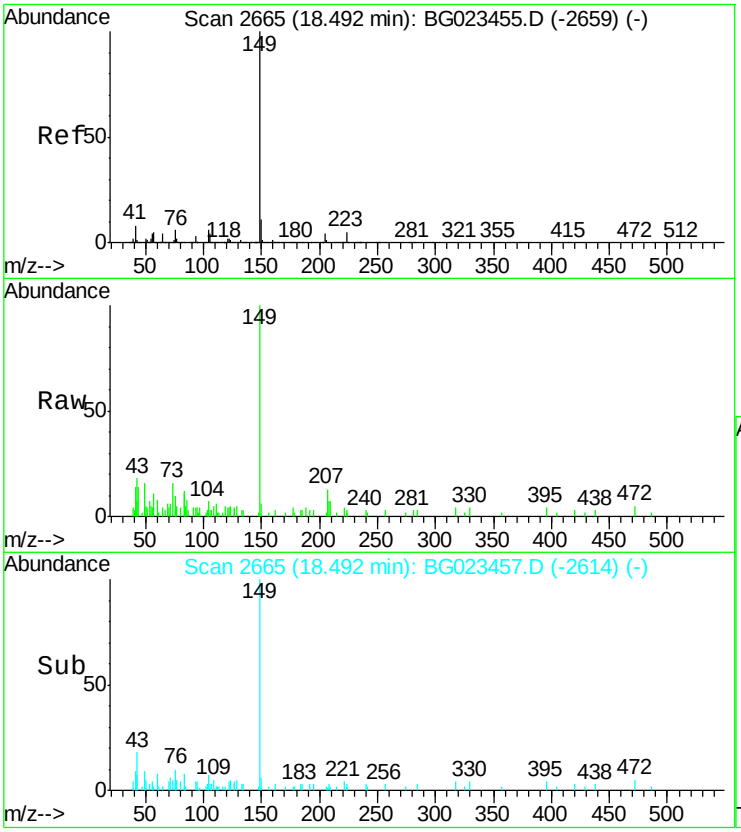




#72
Carbazole
Concen: 0.00 ng/ul
RT: 17.95 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:167 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 19.2 | 28.8# |
| 139 | 0.0 | 10.2 | 15.4# |



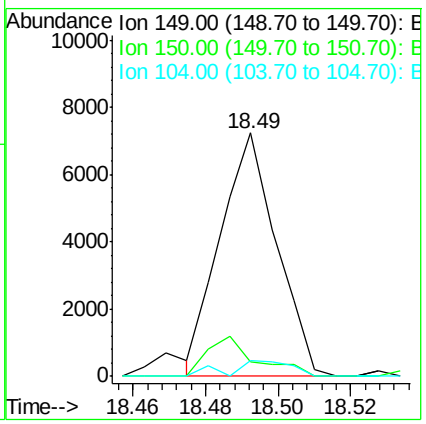


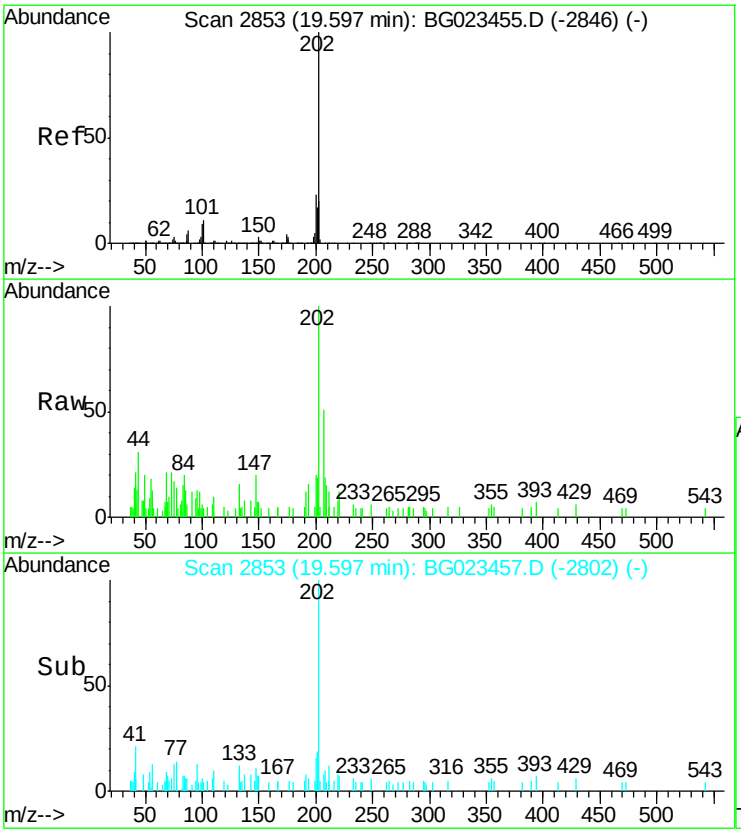

#73
Di-n-butylphthalate
Concen: 0.15 ng/ul
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:149 Resp: 7831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 6.1 | 7.1 | 10.7# |
| 104 | 6.6 | 3.3 | 4.9# |

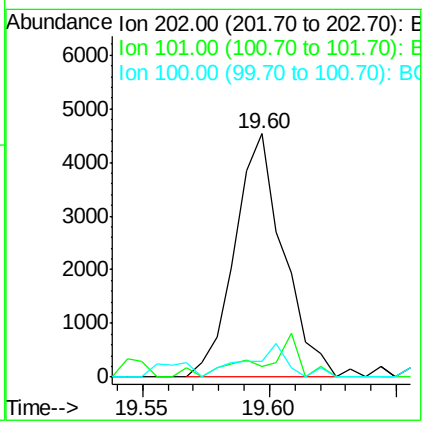


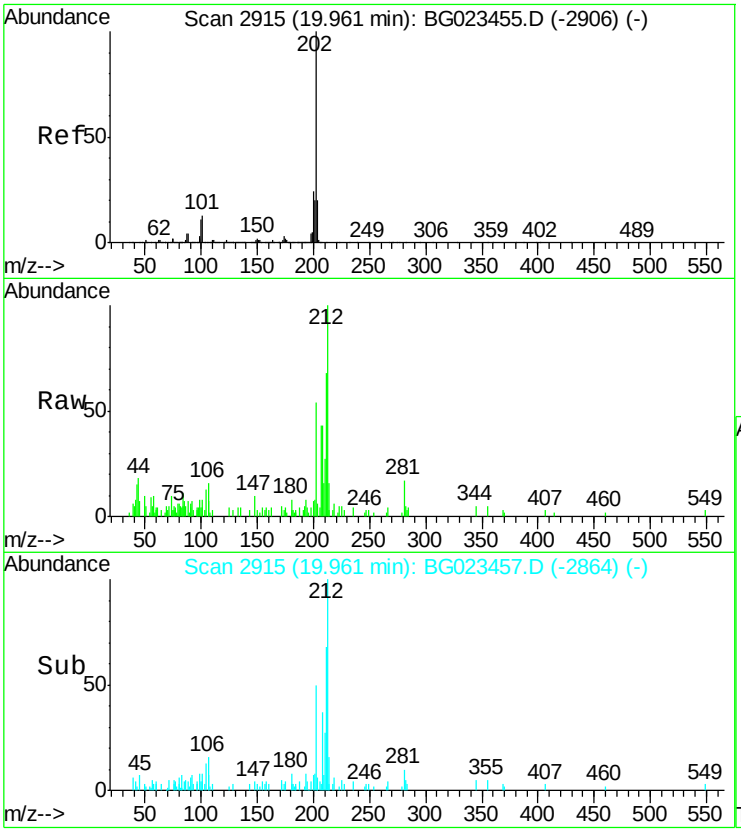




#74
Fluoranthene
Concen: 0.12 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:202 Resp: 6044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 4.5 | 10.6 | 16.0# |
| 100 | 6.2 | 8.7 | 13.1# |



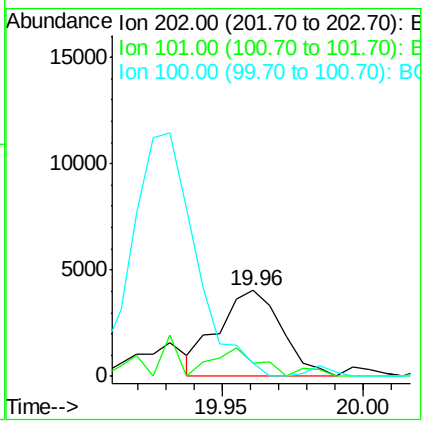


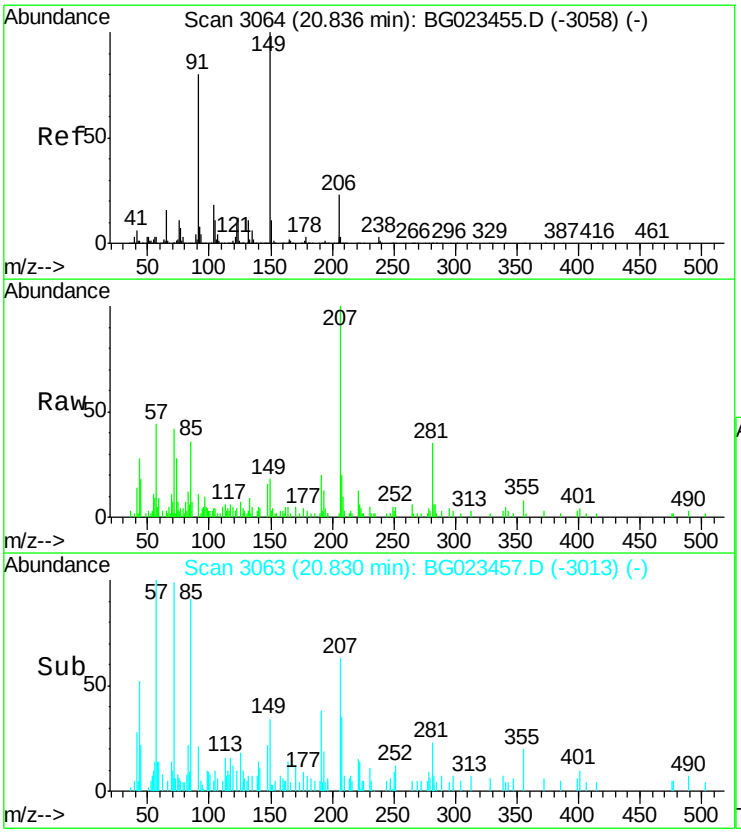

#77
Pyrene
Concen: 0.10 ng/ul
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:202 Resp: 6289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.0 | 12.5 | 18.7 |
| 100 | 15.1 | 10.2 | 15.4 |

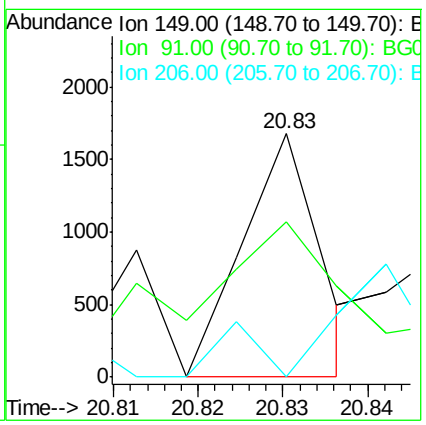


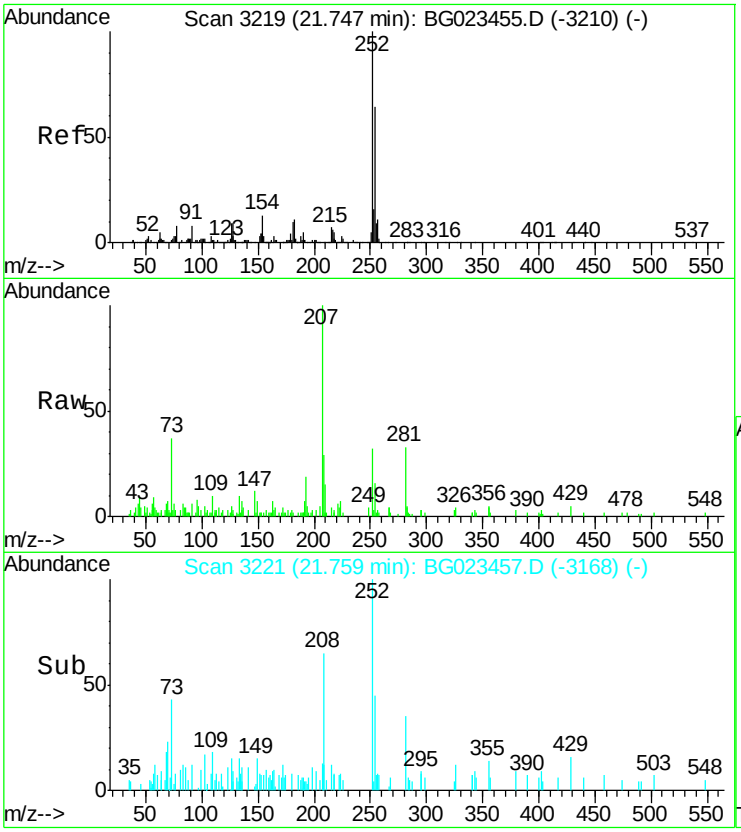




#78
Butylbenzylphthalate
Concen: 0.05 ng/ul
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:149 Resp: 1056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.0 | 54.2 | 81.4 |
| 206 | 0.0 | 14.1 | 21.1# |



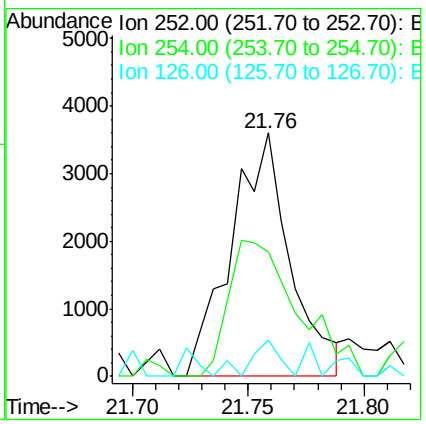


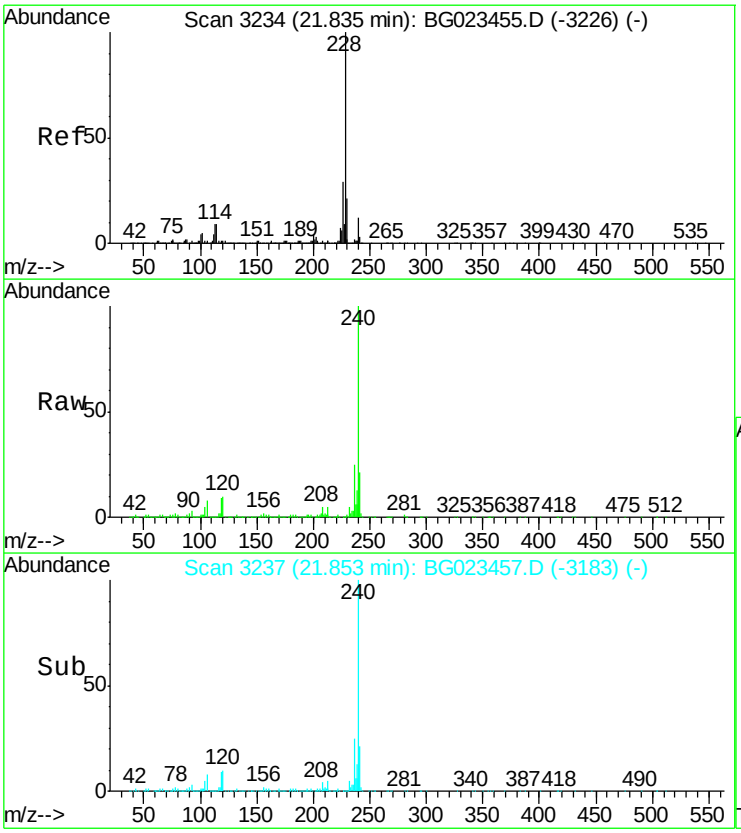

#79
3,3'-Dichlorobenzidine
Concen: 0.38 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. 0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:252 Resp: 6435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 51.0 | 51.4 | 77.2# |
| 126 | 15.0 | 10.7 | 16.1 |

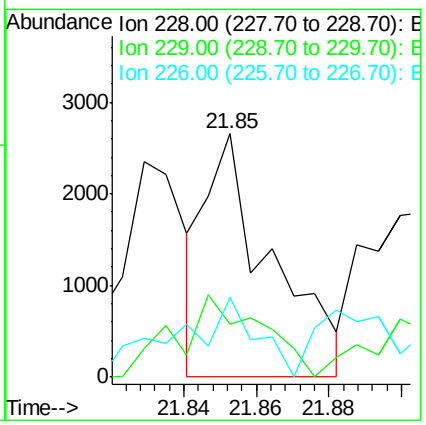


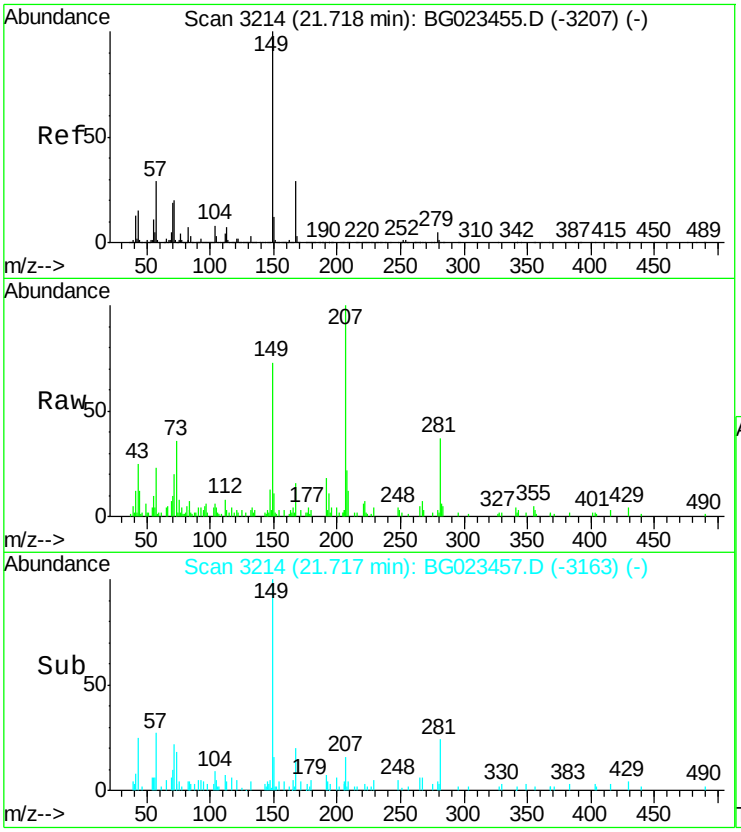




#80
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.85 min Scan# 3237
Delta R.T. 0.02 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:228 Resp: 3333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.8 | 15.4 | 23.2 |
| 226 | 32.9 | 22.8 | 34.2 |



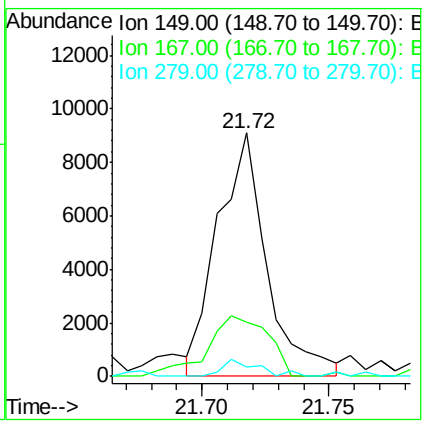


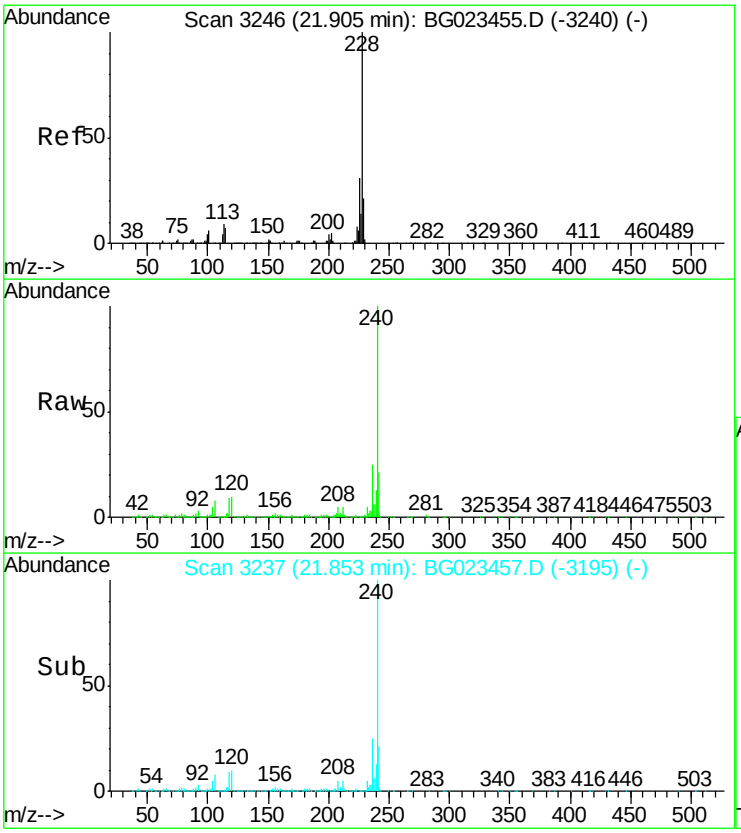

#81
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:149 Resp: 12261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 22.2 | 21.9 | 32.9 |
| 279 | 3.9 | 2.9 | 4.3 |

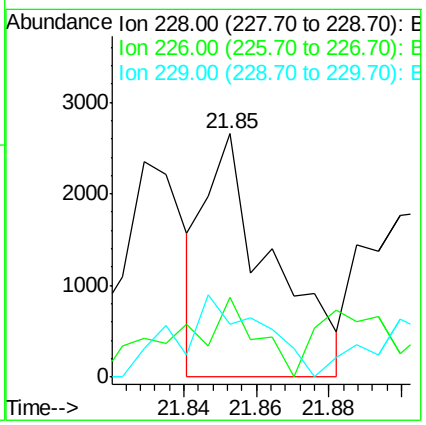


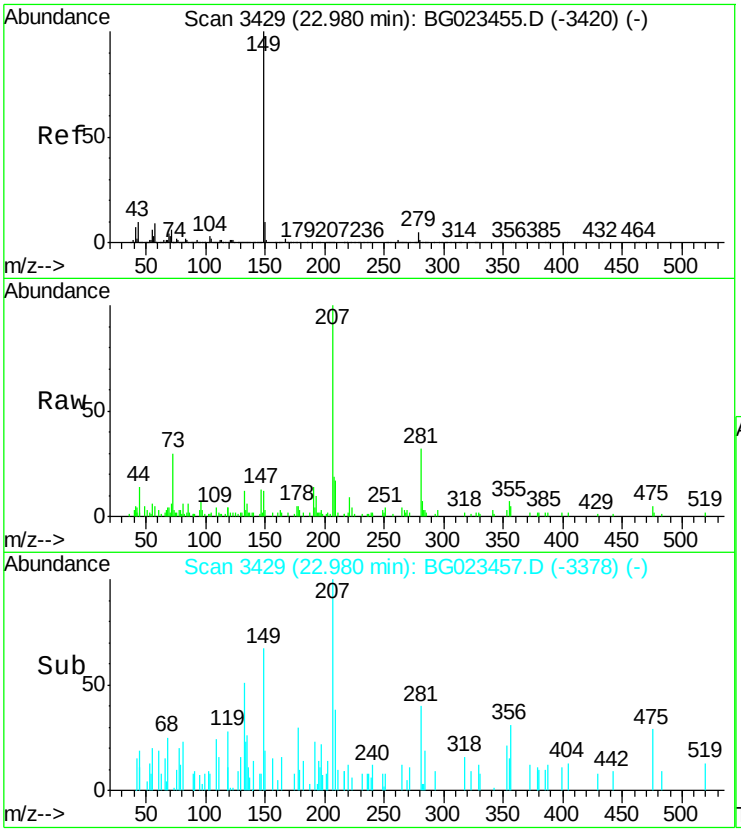




#82
Chrysene
Concen: 0.07 ng/ul
RT: 21.85 min Scan# 3237
Delta R.T. -0.05 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:228 Resp: 3333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.9 | 24.2 | 36.4 |
| 229 | 21.8 | 15.0 | 22.6 |

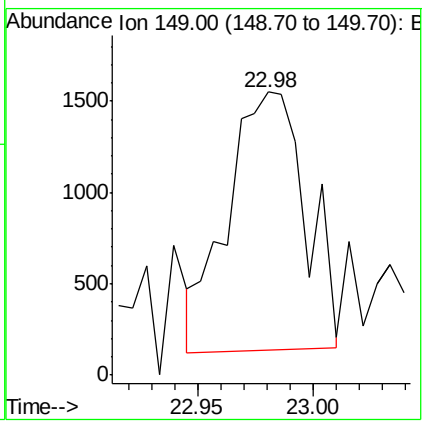


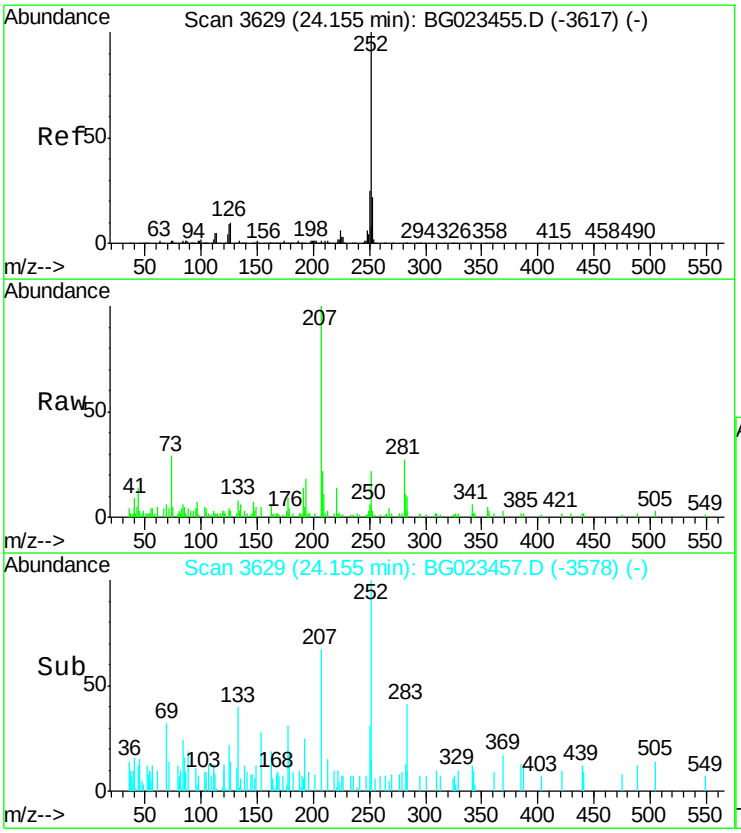



#84
Di-n-octyl phthalate
Concen: 0.07 ng/ul
RT: 22.98 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:149 Resp: 3329

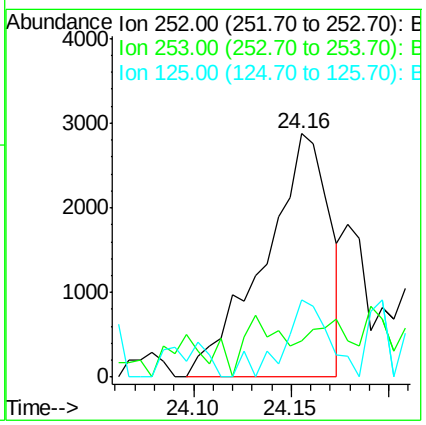


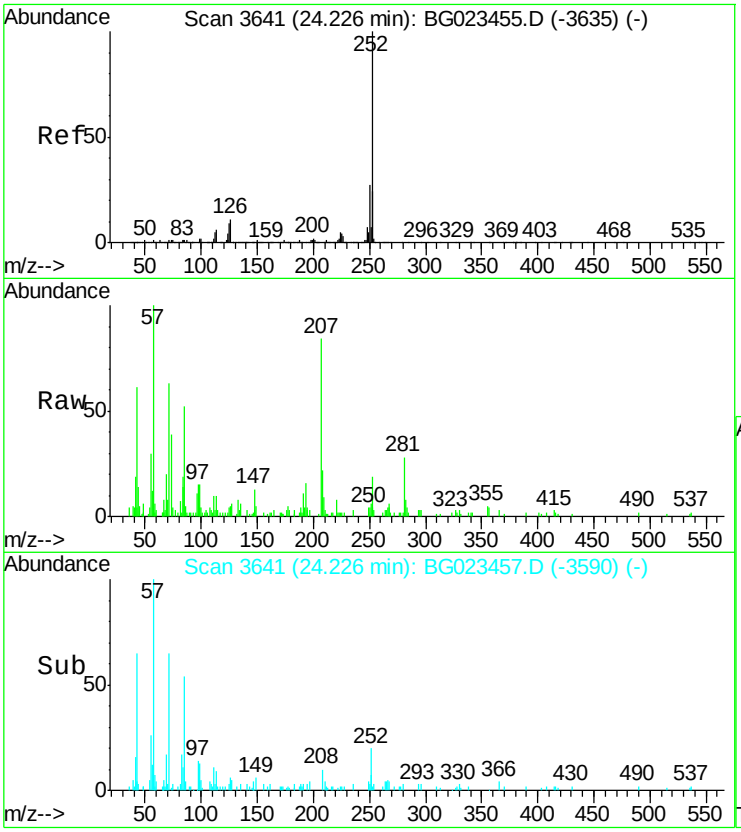




#85
Benzo(b)fluoranthene
Concen: 0.12 ng/ul
RT: 24.16 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:252 Resp: 6639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 15.2 | 18.2 | 27.2# |
| 125 | 31.8 | 10.8 | 16.2# |



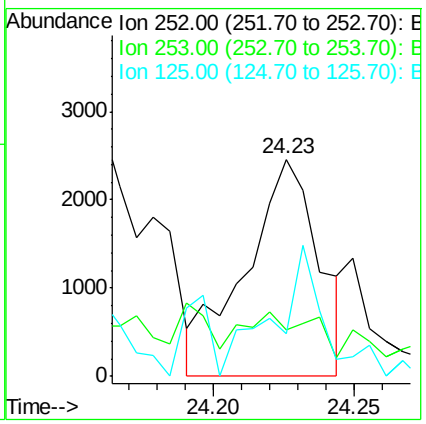


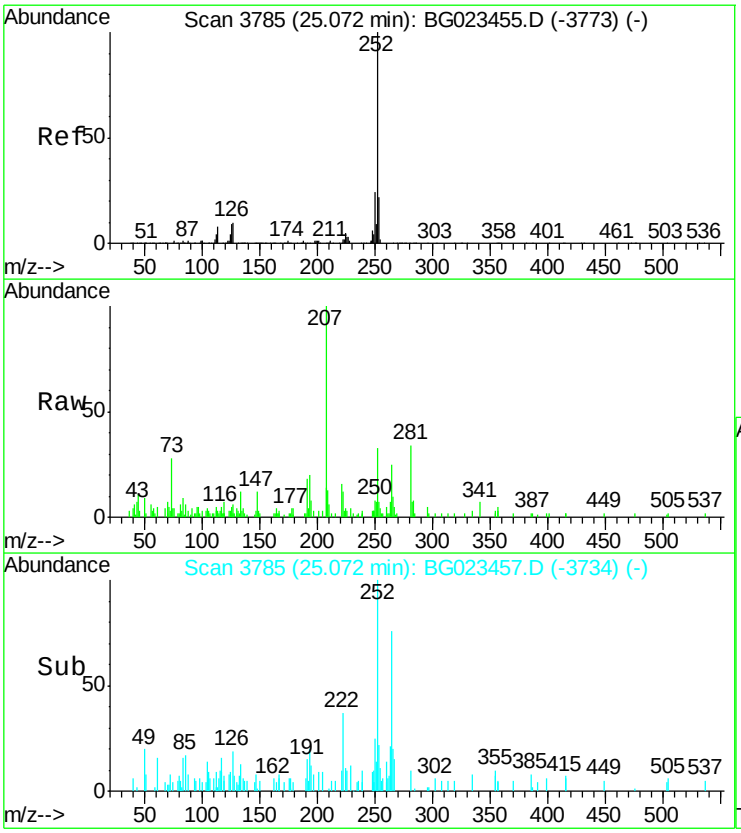

#86
Benzo(k)fluoranthene
Concen: 0.08 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:252 Resp: 4455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 15.8 | 23.6 |
| 125 | 19.7 | 10.6 | 16.0# |

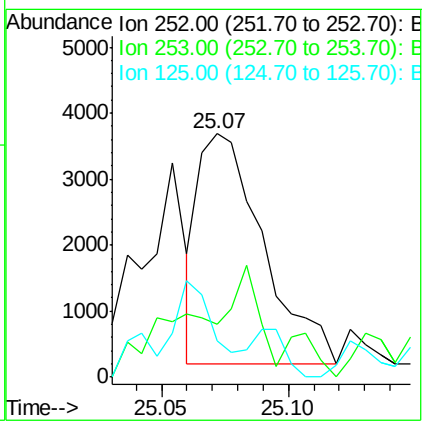


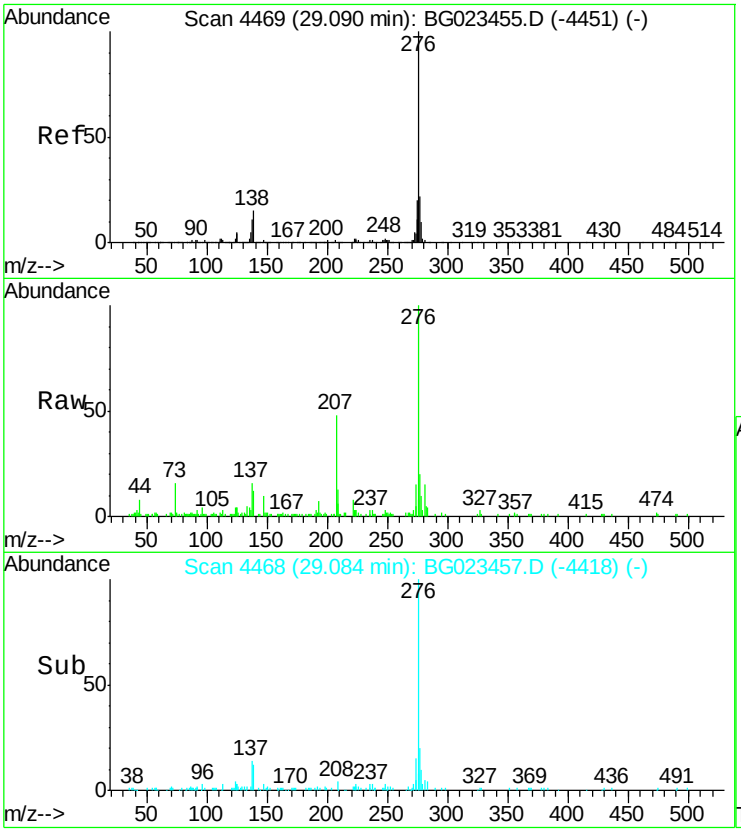




#88
Benzo(a)pyrene
Concen: 0.12 ng/ul
RT: 25.07 min Scan# 3785
Delta R.T. -0.00 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:252 Resp: 6227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 19.0 | 28.4 |
| 125 | 14.9 | 12.0 | 18.0 |



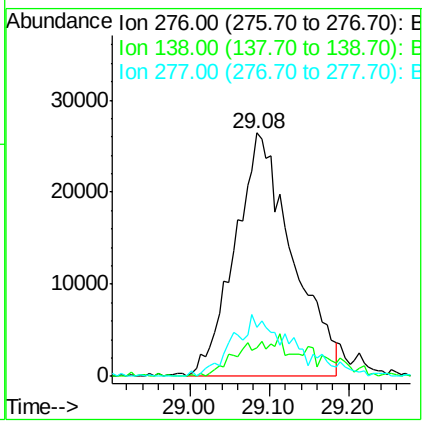


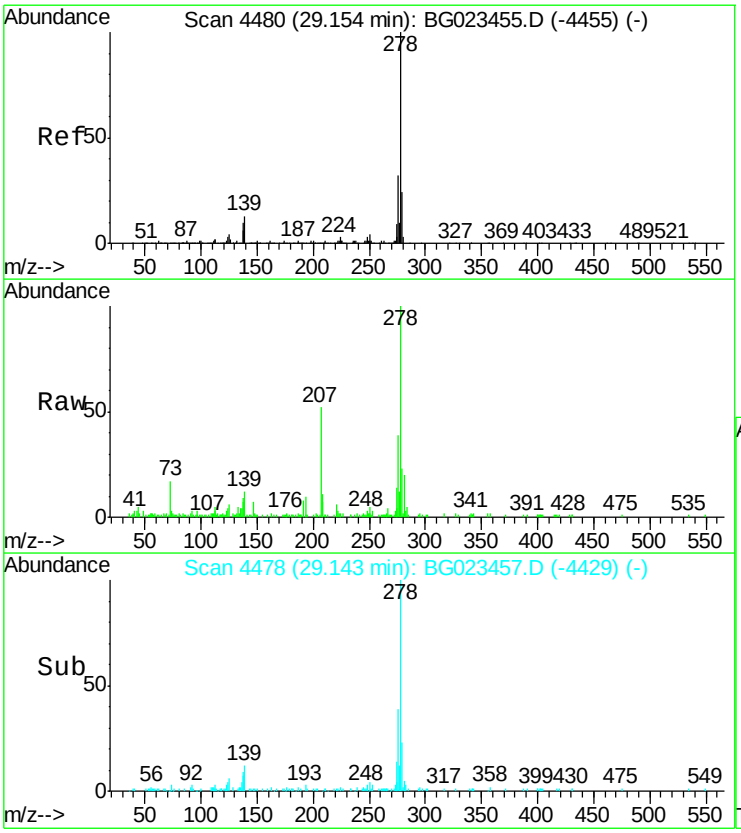

#89
Indeno(1,2,3-cd)pyrene
Concen: 2.14 ng/ul
RT: 29.08 min Scan# 4468
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:276 Resp: 132725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 11.9 | 20.8 | 31.2# |
| 277 | 20.3 | 17.6 | 26.4 |

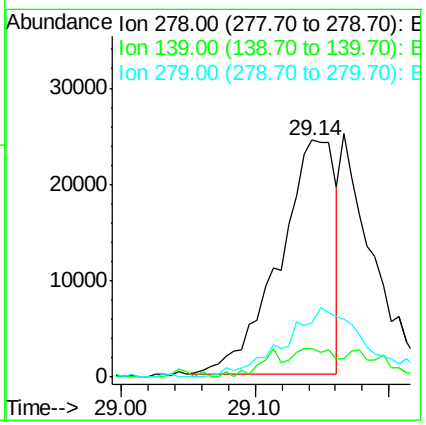


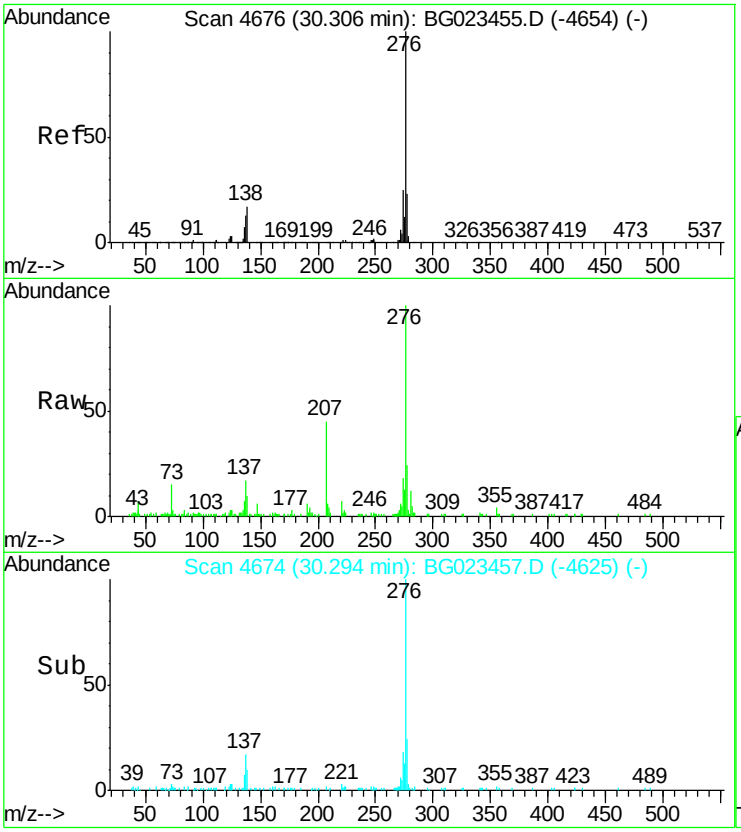




#90
Dibenzo(a,h)anthracene
Concen: 1.34 ng/ul
RT: 29.14 min Scan# 4478
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

Tgt Ion:278 Resp: 70742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.3 | 16.3 | 24.5# |
| 279 | 22.8 | 19.1 | 28.7 |






#91
Benzo(g,h,i)perylene
Concen: 2.97 ng/ul
RT: 30.29 min Scan# 4674
Delta R.T. -0.01 min
Lab File: BG023457.D
Acq: 4 Aug 2016 18:27

**Instrument :**
BNA_G
**ClientSampleId :**
BDJJ1

Tgt Ion:276 Resp: 152378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.9 | 22.1 | 33.1# |
| 277 | 24.5 | 17.0 | 25.4 |