Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4V12

Quant Time: Aug 09 04:43:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 116953 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.95 | 136 | 561152 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.78 | 164 | 406022 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.54 | 188 | 1007003 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.85 | 240 | 1018881 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.22 | 264 | 965994 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.49 | 96 | 9350 | 3.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.27 | 99 | 445965 | 37.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 288958 | 38.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 302712 | 37.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.83 | 113 | 348079 | 37.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 167702 | 37.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.02 | 143 | 193852 | 38.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 366048 | 38.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.08 | 131 | 290232 | 25.82 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.17 | 166 | 1258944 | 37.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.47 | 160 | 1430777 | 38.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.99 | 143 | 233017 | 41.06 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.77 | 176 | 1132915 | 36.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 243259 | 37.65 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.64 | 188 | 1727427 | 38.07 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.93 | 212 | 1887056 | 36.59 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.00 | 264 | 1780957 | 40.73 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.25 | 77 | 25099 | 3.50 | ng/ul | 86 |
| 10) 2-Chlorophenol | 7.68 | 128 | 344887 | 42.13 | ng/ul# | 83 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.64 | 45 | 790888 | 64.89 | ng/ul | 97 |
| 14) Acetophenone | 8.95 | 105 | 636892 | 43.17 | ng/ul# | 80 |
| 17) Hexachloroethane | 9.20 | 117 | 71503 | 20.24 | ng/ul# | 91 |
| 20) Nitrobenzene | 9.33 | 77 | 802699 | 61.91 | ng/ul# | 85 |
| 23) 2-Nitrophenol | 10.05 | 139 | 282922 | 51.58 | ng/ul# | 68 |
| 27) 2,4-Dichlorophenol | 10.59 | 162 | 254421 | 26.33 | ng/ul | 97 |
| 28) Naphthalene | 11.00 | 128 | 514093 | 18.05 | ng/ul | 96 |
| 30) 4-Chloroaniline | 11.11 | 127 | 18202 | 1.63 | ng/ul | 92 |
| 33) 4-Chloro-3-methylphenol | 12.23 | 107 | 633025 | 50.90 | ng/ul | 85 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 281541 | 22.59 | ng/ul | 97 |
| 38) 2,4,6-Trichlorophenol | 13.21 | 196 | 298639 | 34.59 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 13.21 | 196 | 298639 | 32.27 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.60 | 154 | 1308649 | 43.86 | ng/ul | 96 |
| 42) 2-Nitroaniline | 13.86 | 65 | 664579 | 70.15 | ng/ul# | 66 |
| 45) 2,6-Dinitrotoluene | 14.35 | 165 | 319924 | 44.83 | ng/ul# | 84 |
| 47) Acenaphthylene | 14.50 | 152 | 2000600 | 51.13 | ng/ul | 95 |
| 49) Acenaphthene | 14.84 | 153 | 139840 | 5.24 | ng/ul | 95 |
| 52) 4-Nitrophenol | 15.00 | 109 | 387062 | 68.10 | ng/ul# | 74 |
| 53) Dibenzofuran | 15.18 | 168 | 883007 | 22.35 | ng/ul | 90 |
| 54) 2,4-Dinitrotoluene | 15.14 | 165 | 575718 | 53.24 | ng/ul# | 68 |
| 56) Diethylphthalate | 15.59 | 149 | 1671617 | 48.58 | ng/ul# | 92 |

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4V12

Quant Time: Aug 09 04:43:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 58) Fluorene | 15.83 | 166 | 313599 | 9.53 | ng/ul | 94 |
| 64) N-Nitrosodiphenylamine | 16.04 | 169 | 1550675 | 55.10 | ng/ul | 98 |
| 66) Hexachlorobenzene | 16.84 | 284 | 556304 | 45.22 | ng/ul | 97 |
| 68) Pentachlorophenol | 17.19 | 266 | 336171 | 49.53 | ng/ul | 89 |
| 69) Phenanthrene | 17.58 | 178 | 1839392 | 35.27 | ng/ul | 94 |
| 73) Di-n-butylphthalate | 18.49 | 149 | 2296201 | 42.75 | ng/ul# | 90 |
| 77) Pyrene | 19.96 | 202 | 1157118 | 18.37 | ng/ul# | 91 |
| 79) 3,3'-Dichlorobenzidine | 21.75 | 252 | 198987 | 11.08 | ng/ul# | 97 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 2402613 | 41.87 | ng/ul# | 92 |
| 82) Chrysene | 21.83 | 228 | 2402613 | 46.05 | ng/ul# | 93 |
| 84) Di-n-octyl phthalate | 22.97 | 149 | 1784302 | 36.57 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.15 | 252 | 2033040 | 37.00 | ng/ul# | 94 |
| 88) Benzo(a)pyrene | 25.07 | 252 | 1225495 | 23.10 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 29.16 | 278 | 2786763 | 52.42 | ng/ul# | 90 |
| 91) Benzo(g,h,i)perylene | 30.30 | 276 | 1463160 | 28.31 | ng/ul# | 87 |

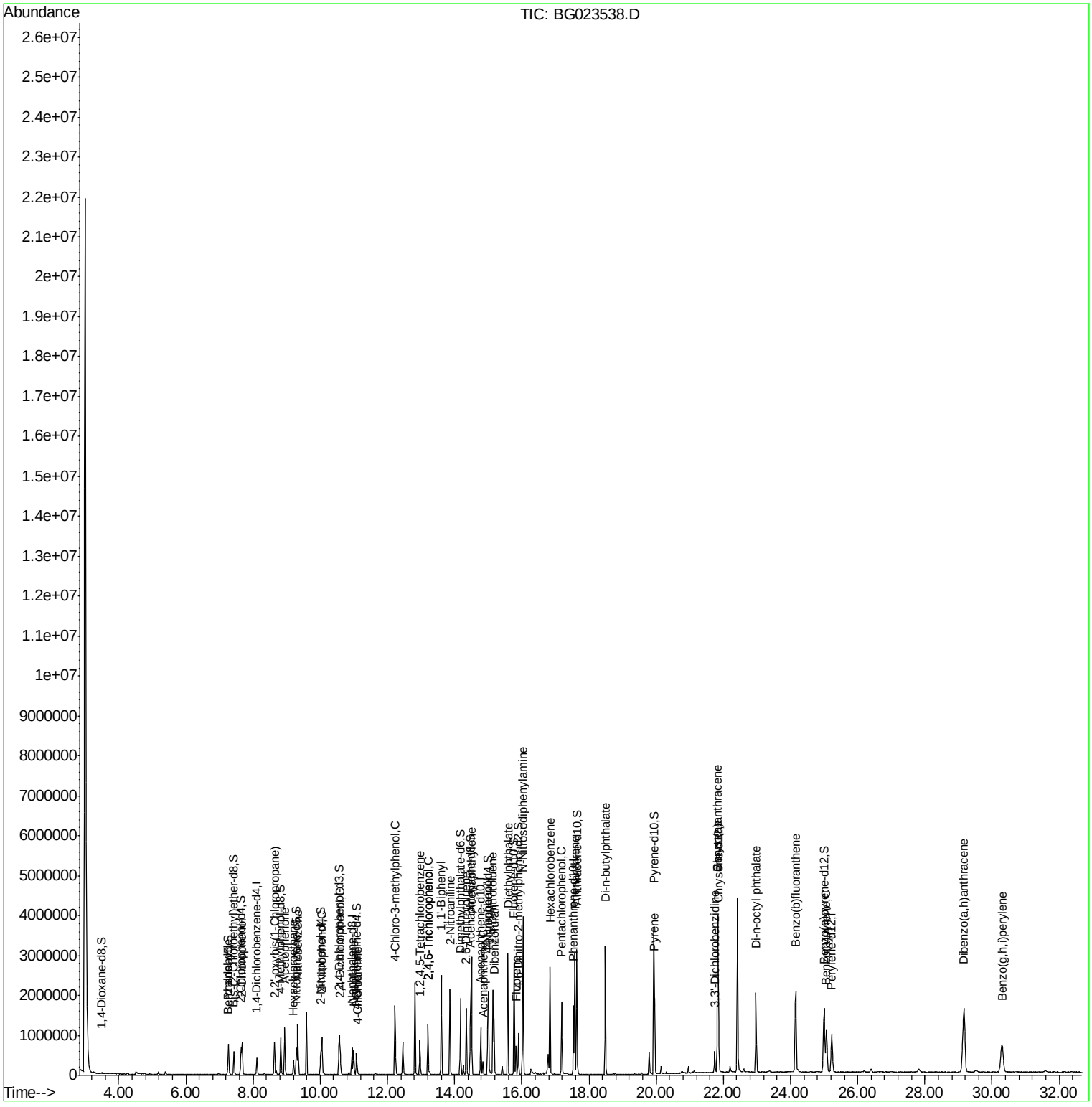
(#) = qualifier out of range (m) = manual integration (+) = signals summed

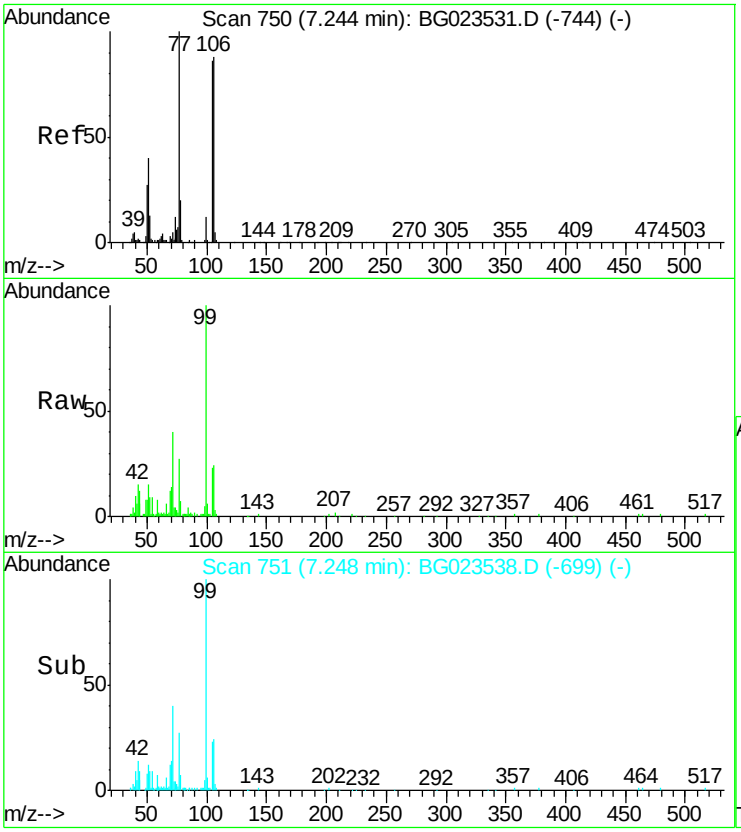
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Quant Time: Aug 09 04:43:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration



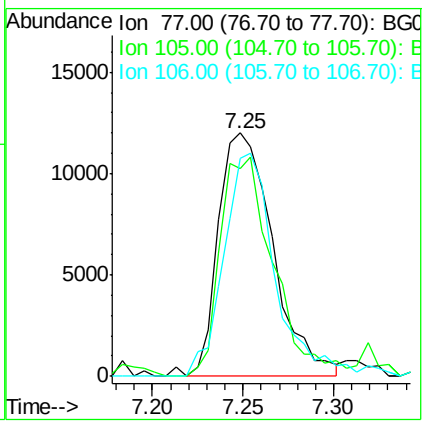


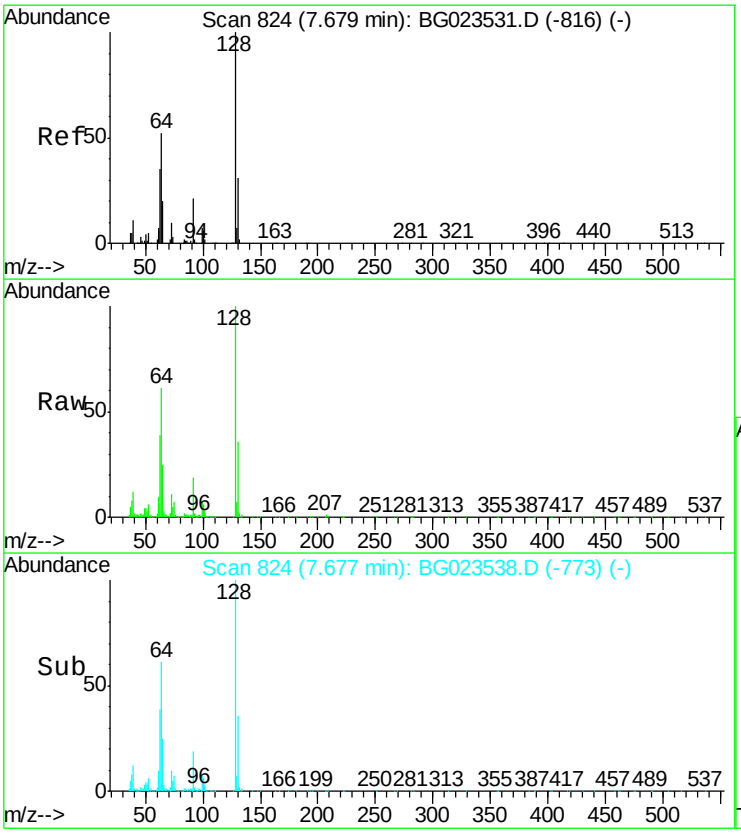

#4
Benzaldehyde
Concen: 3.50 ng/ul
RT: 7.25 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion: 77 Resp: 25099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.1 | 83.8 | 125.8 |
| 106 | 89.7 | 77.9 | 116.9 |

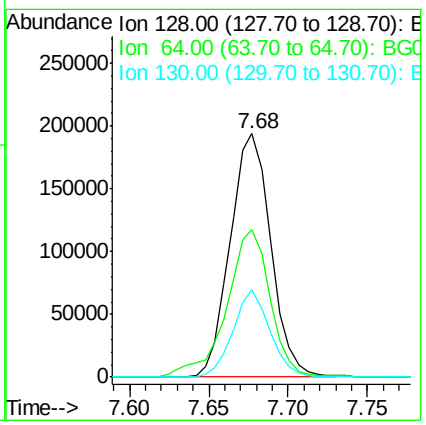


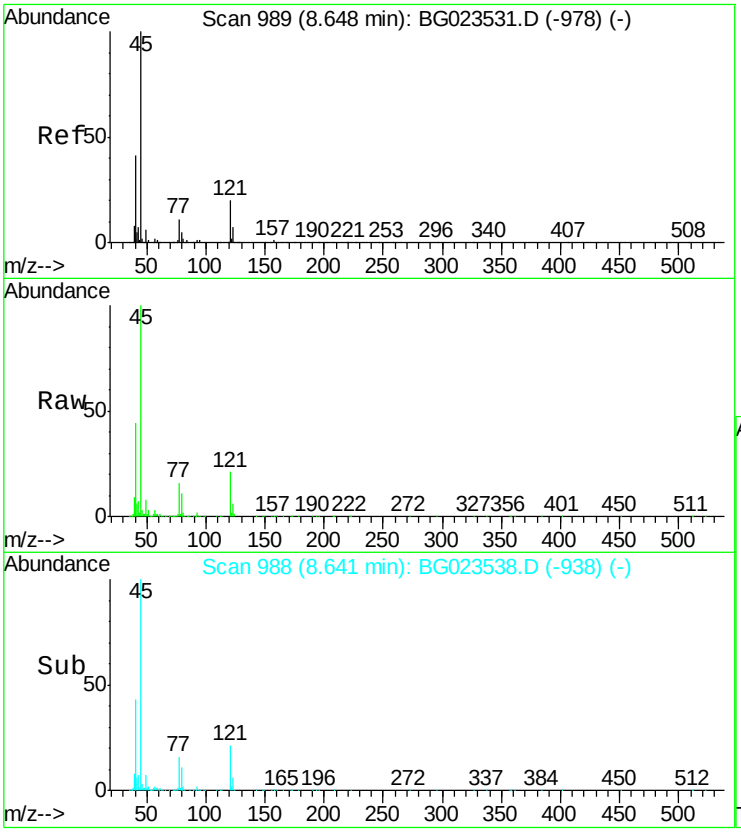




#10
2-Chlorophenol
Concen: 42.13 ng/ul
RT: 7.68 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:128 Resp: 344887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 60.9 | 34.2 | 51.4# |
| 130 | 35.8 | 27.0 | 40.4 |



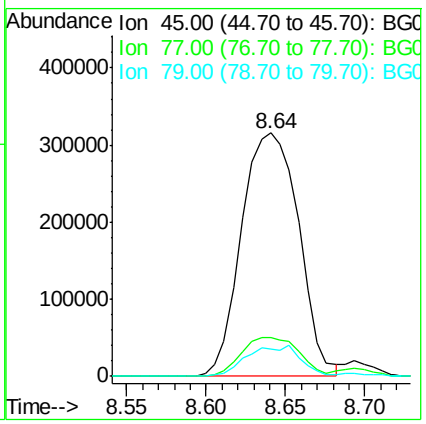


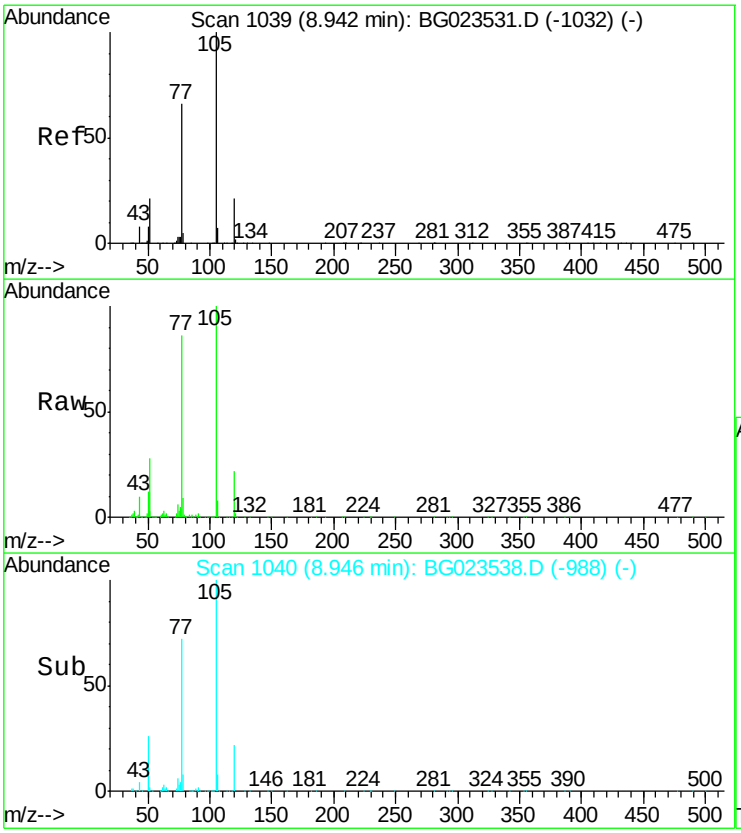

#12
2,2'-oxybis(1-Chloropropane)
Concen: 64.89 ng/ul
RT: 8.64 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion: 45 Resp: 790888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.0 | 13.4 | 20.2 |
| 79 | 11.3 | 10.2 | 15.4 |

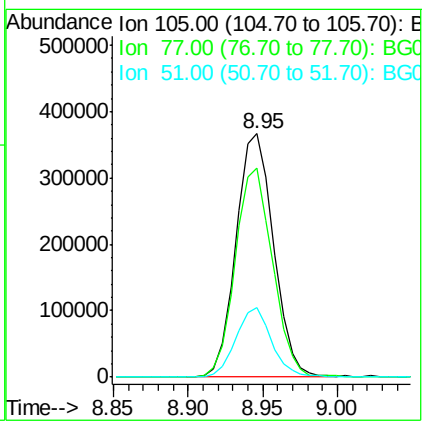


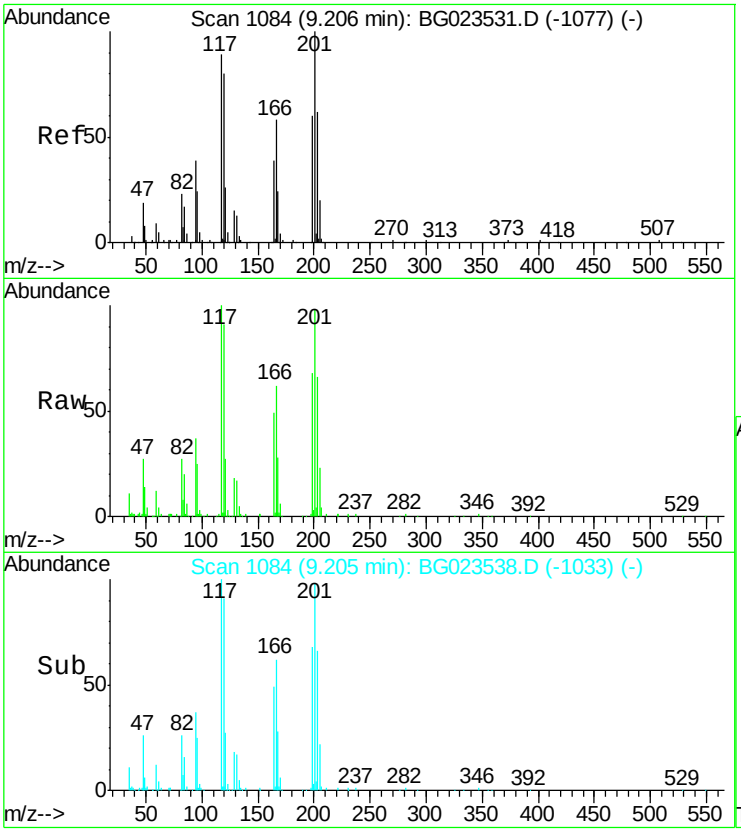




#14
Acetophenone
Concen: 43.17 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:105 Resp: 636892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 85.7 | 56.1 | 84.1# |
| 51 | 28.4 | 14.6 | 22.0# |



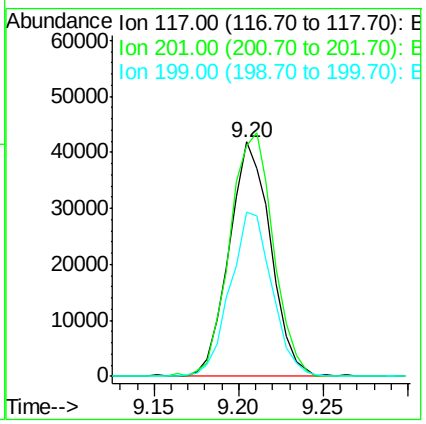


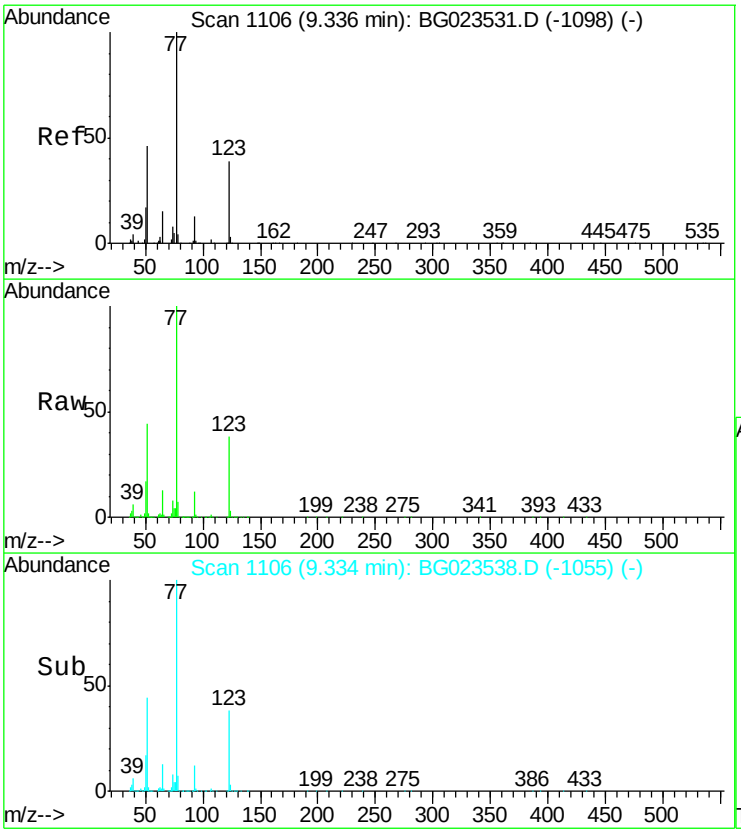

#17
Hexachloroethane
Concen: 20.24 ng/ul
RT: 9.20 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:117 Resp: 71503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 98.2 | 76.8 | 115.2 |
| 199 | 70.0 | 43.5 | 65.3# |

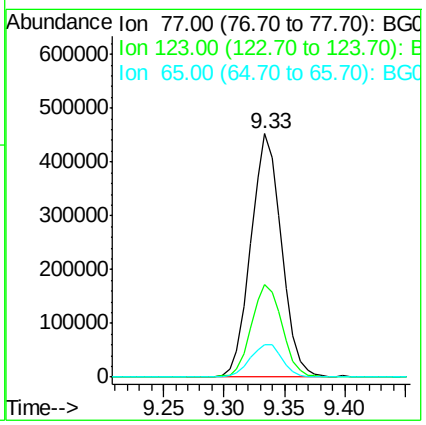


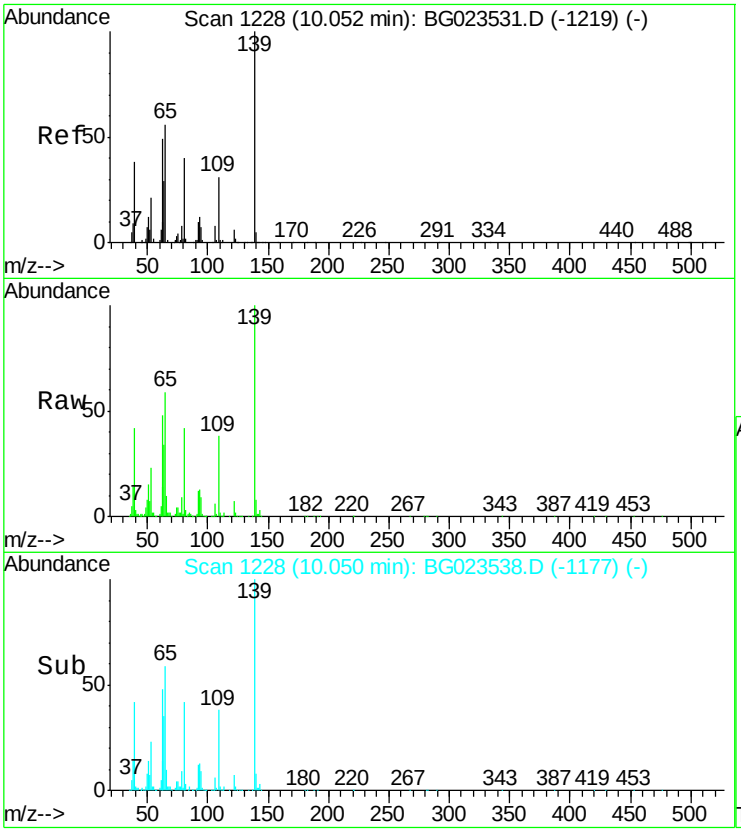




#20
Nitrobenzene
Concen: 61.91 ng/ul
RT: 9.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion: 77 Resp: 802699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.8 | 39.5 | 59.3# |
| 65 | 13.4 | 9.0 | 13.4 |



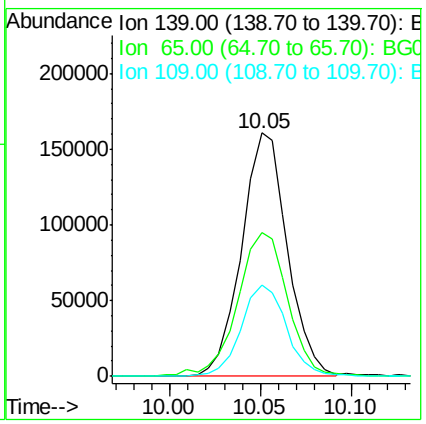


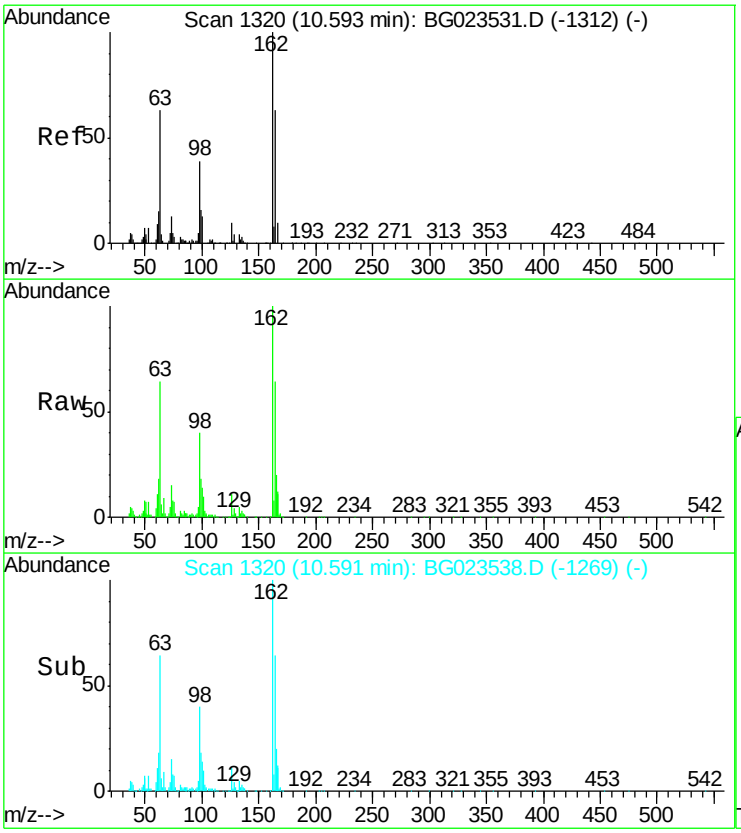

#23
2-Nitrophenol
Concen: 51.58 ng/ul
RT: 10.05 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:139 Resp: 282922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 59.2 | 31.8 | 47.8# |
| 109 | 37.6 | 17.1 | 25.7# |

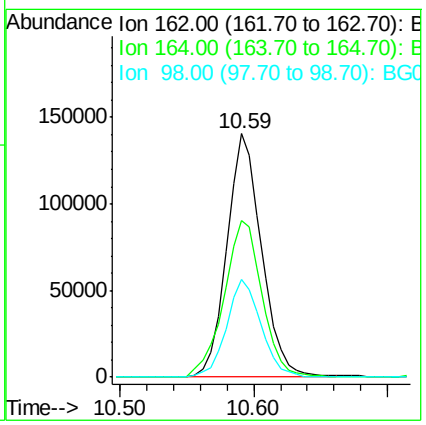


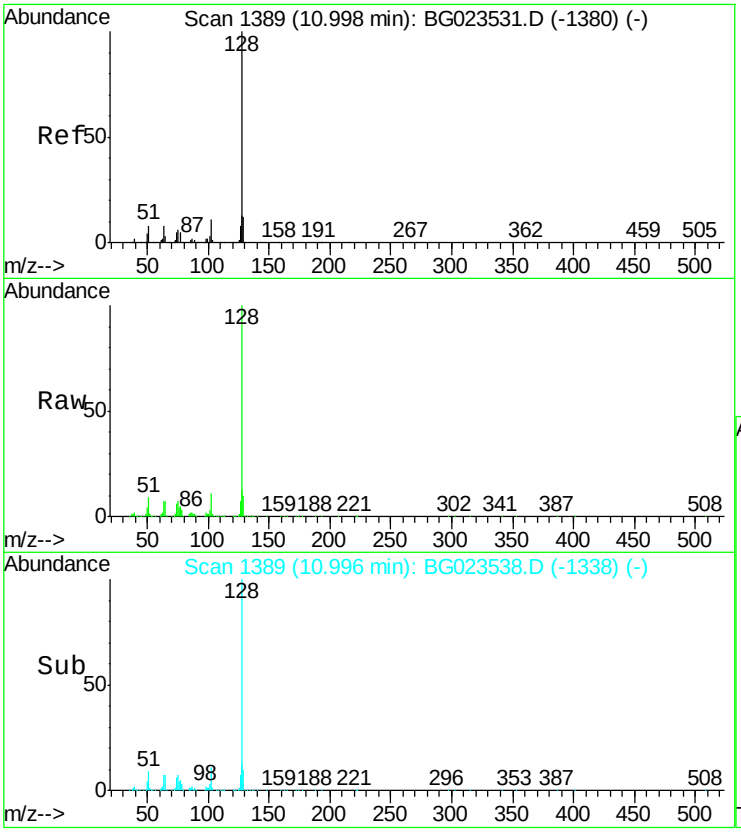




#27
2,4-Dichlorophenol
Concen: 26.33 ng/ul
RT: 10.59 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:162 Resp: 254421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 51.6 | 77.4 |
| 98 | 39.9 | 28.3 | 42.5 |



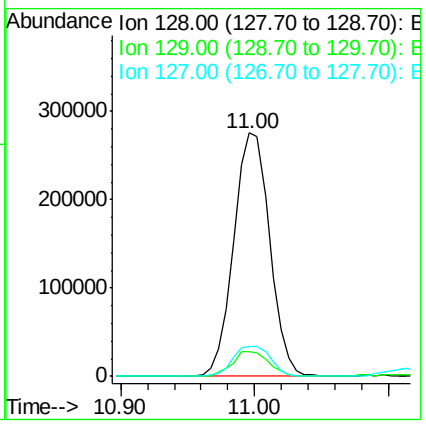


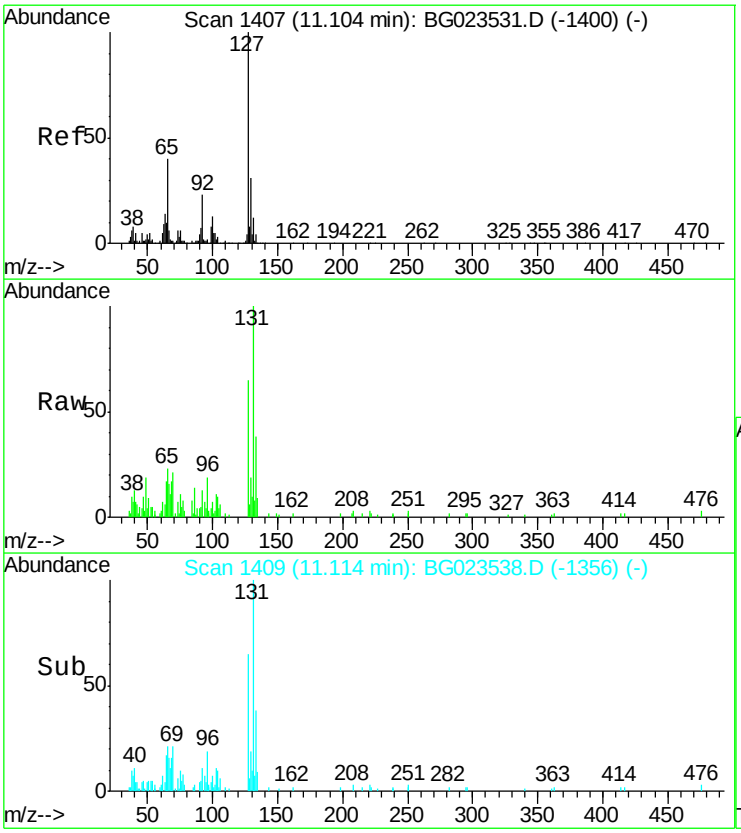

#28
Naphthalene
Concen: 18.05 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:128 Resp: 514093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.4 | 9.4 | 14.2 |
| 127 | 12.5 | 11.2 | 16.8 |

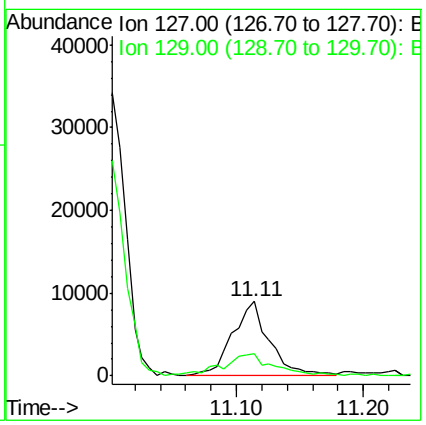


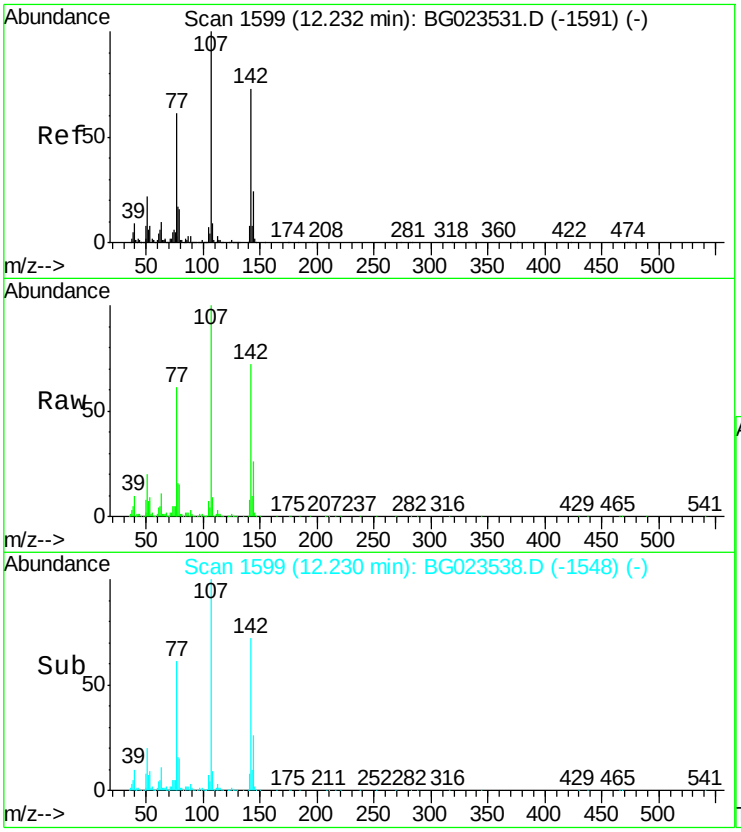




#30
4-Chloroaniline
Concen: 1.63 ng/ul
RT: 11.11 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:127 Resp: 18202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 29.3 | 26.9 | 40.3 |



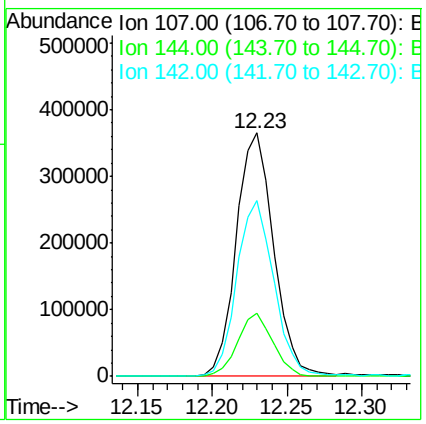


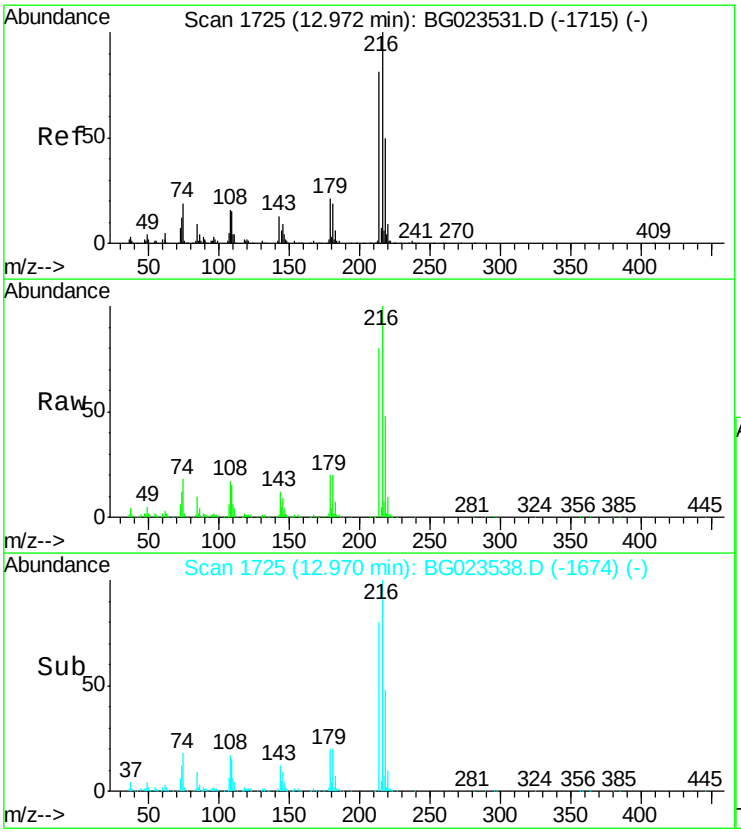

#33
4-Chloro-3-methylphenol
Concen: 50.90 ng/ul
RT: 12.23 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:107 Resp: 633025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 22.7 | 34.1 |
| 142 | 72.0 | 71.6 | 107.4 |

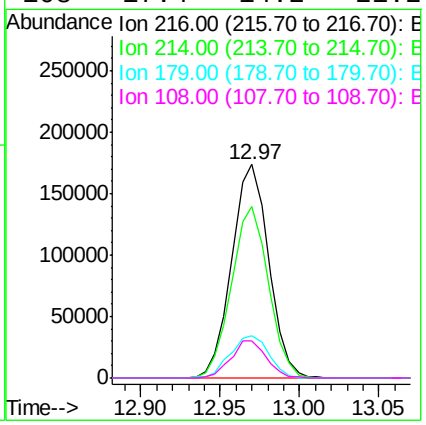


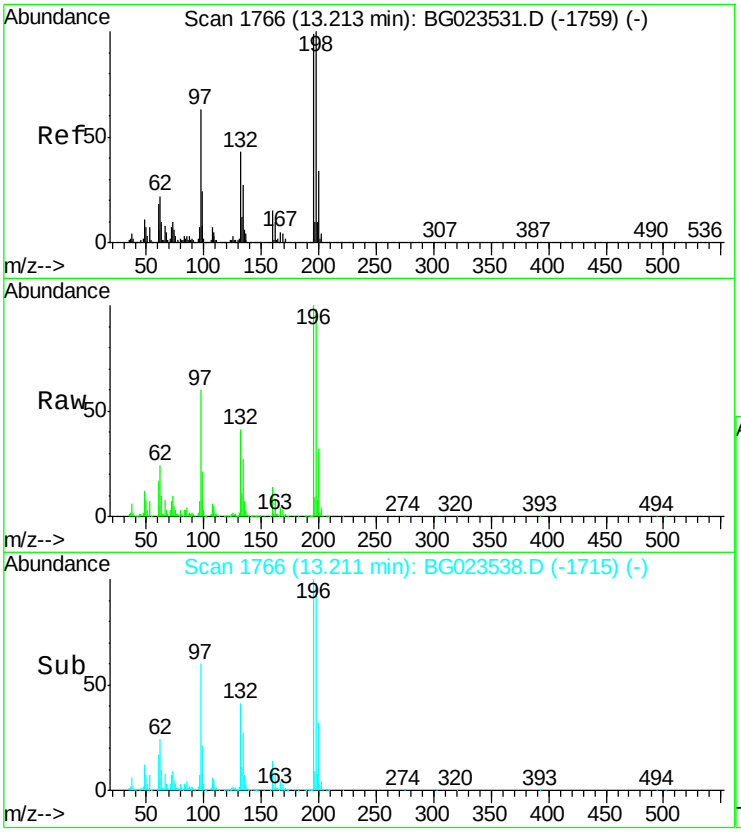




#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.59 ng/ul
RT: 12.97 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:216 Resp: 281541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.4 | 61.7 | 92.5 |
| 179 | 19.8 | 17.0 | 25.4 |
| 108 | 17.4 | 14.2 | 21.2 |



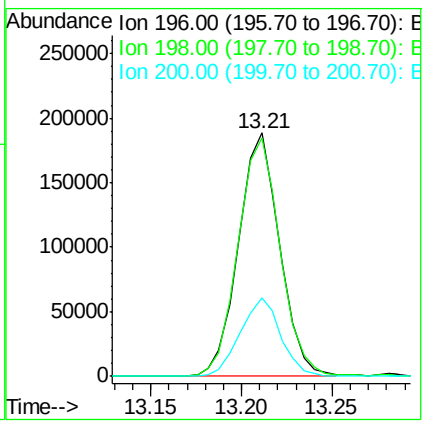


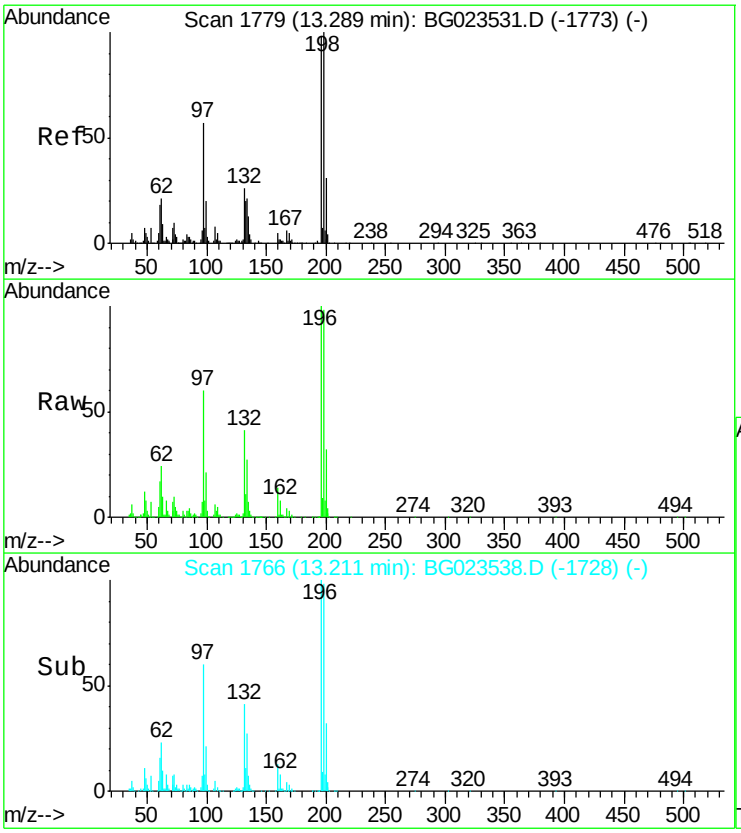

#38
2,4,6-Trichlorophenol
Concen: 34.59 ng/ul
RT: 13.21 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:196 Resp: 298639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.0 | 77.4 | 116.0 |
| 200 | 32.1 | 26.6 | 39.8 |

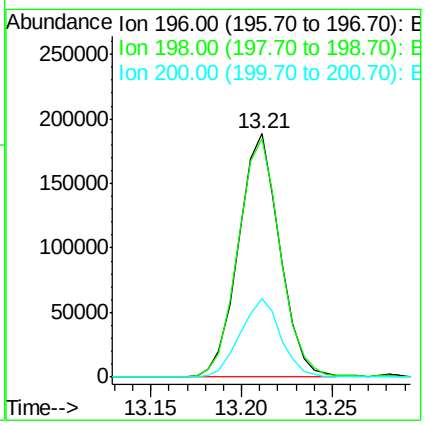


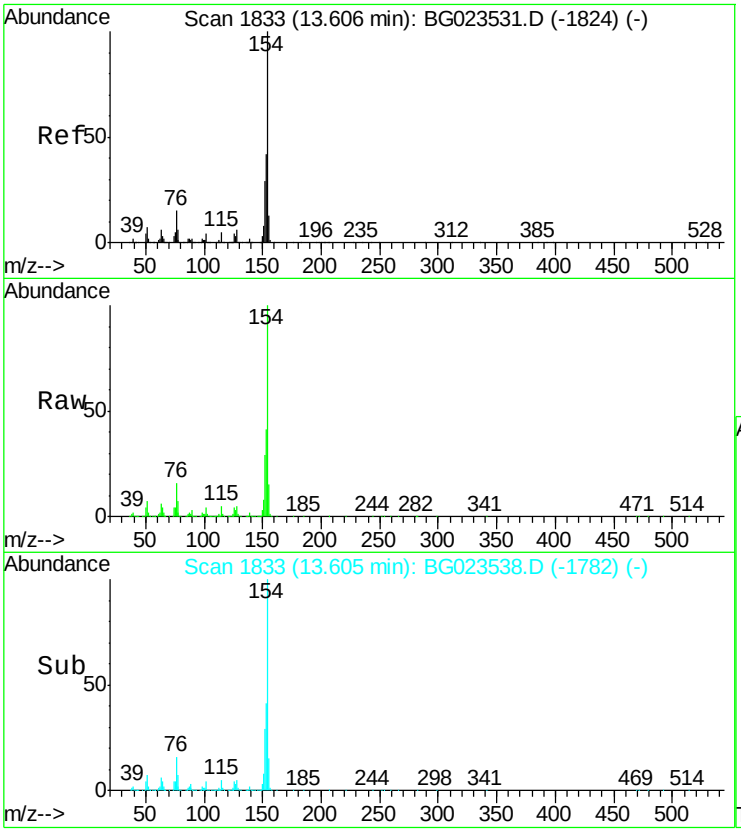




#39
2,4,5-Trichlorophenol
Concen: 32.27 ng/ul
RT: 13.21 min Scan# 1766
Delta R.T. -0.08 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:196 Resp: 298639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.0 | 79.8 | 119.8 |
| 200 | 32.1 | 24.0 | 36.0 |



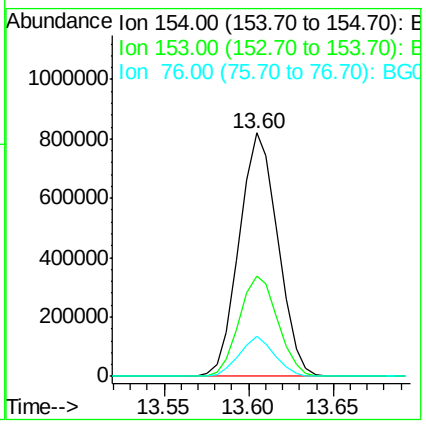


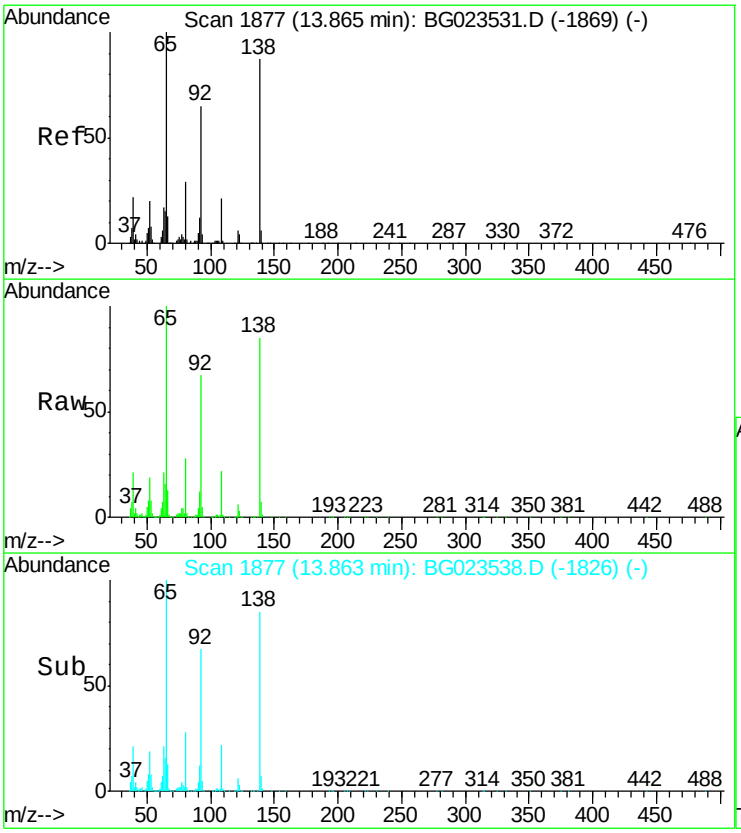

#40
1,1'-Biphenyl
Concen: 43.86 ng/ul
RT: 13.60 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:154 Resp: 1308649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 34.6 | 52.0 |
| 76 | 16.4 | 11.9 | 17.9 |

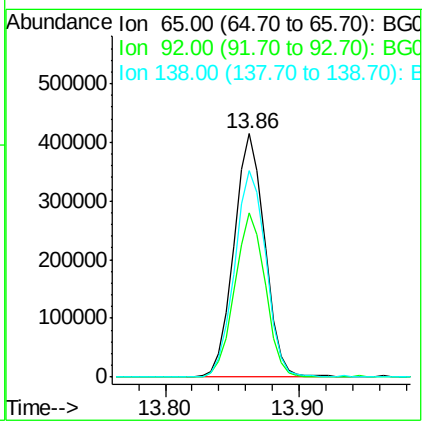


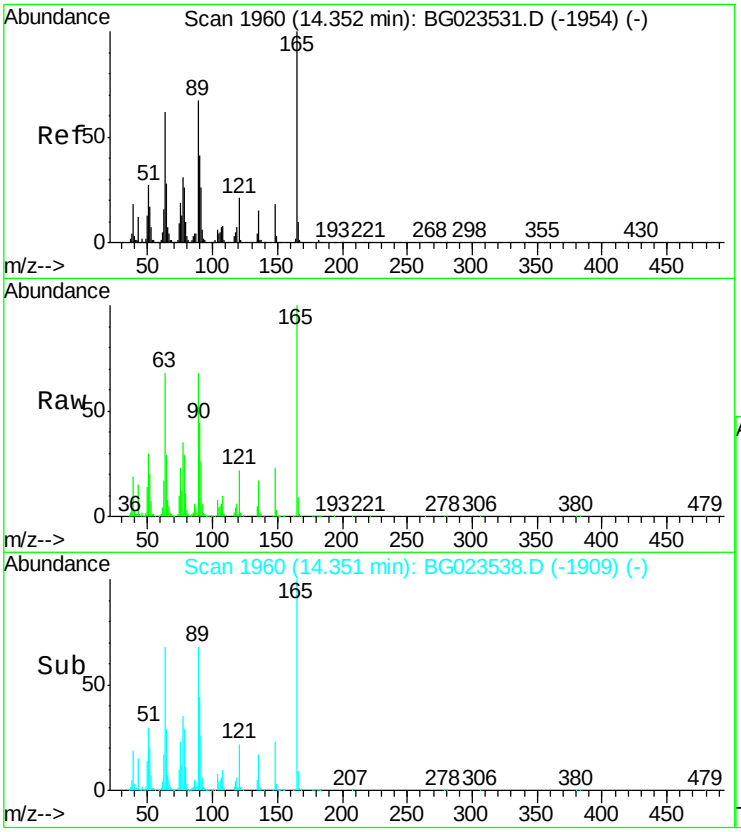




#42
2-Nitroaniline
Concen: 70.15 ng/ul
RT: 13.86 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion: 65 Resp: 664579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.5 | 67.1 | 100.7 |
| 138 | 84.9 | 109.6 | 164.4# |



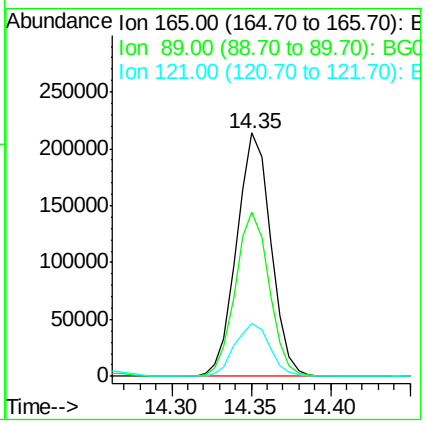


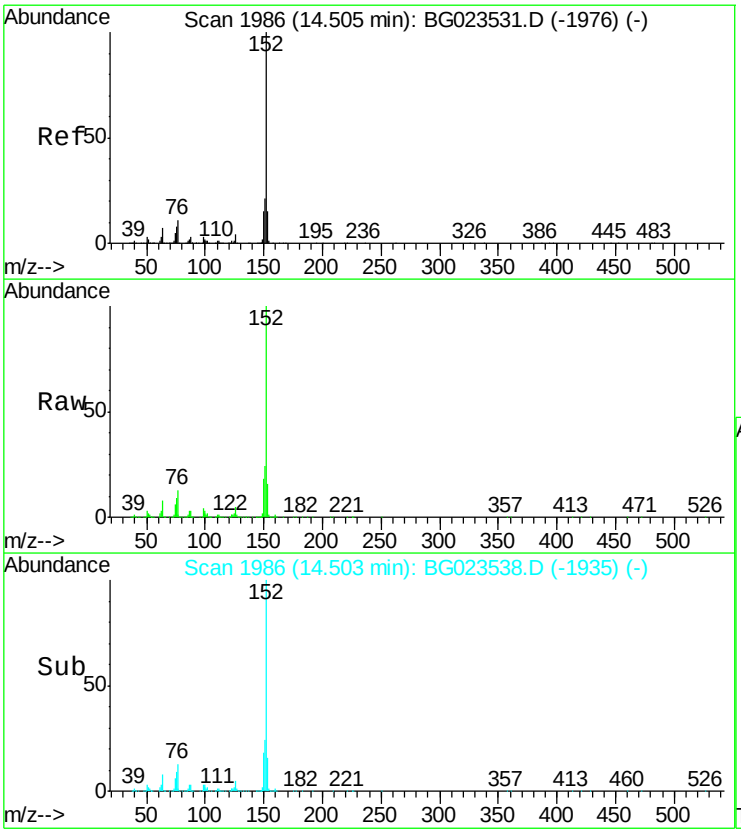

#45
2,6-Dinitrotoluene
Concen: 44.83 ng/ul
RT: 14.35 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:165 Resp: 319924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 67.5 | 41.5 | 62.3# |
| 121 | 21.8 | 17.0 | 25.4 |

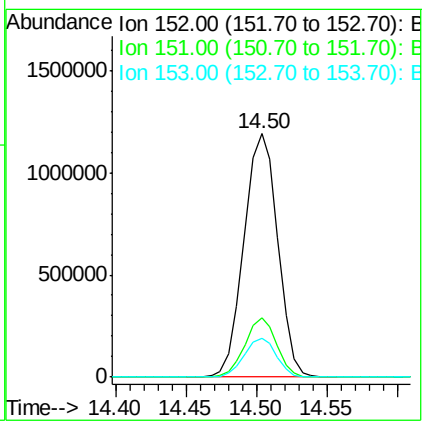


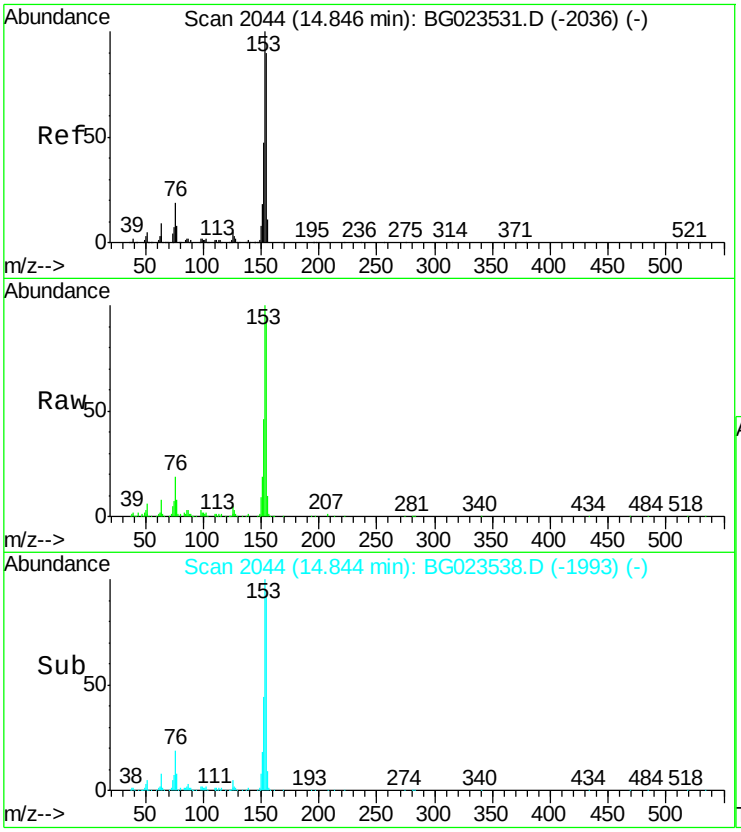




#47
Acenaphthylene
Concen: 51.13 ng/ul
RT: 14.50 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:152 Resp: 2000600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 24.2 | 17.5 | 26.3 |
| 153 | 15.9 | 11.1 | 16.7 |



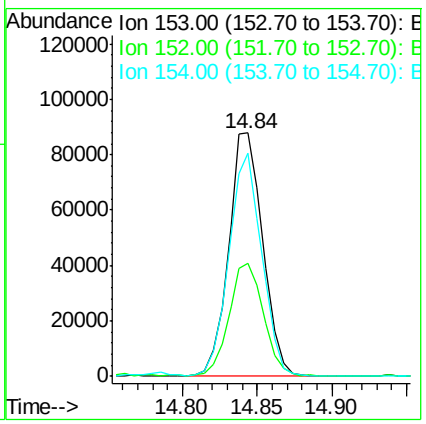


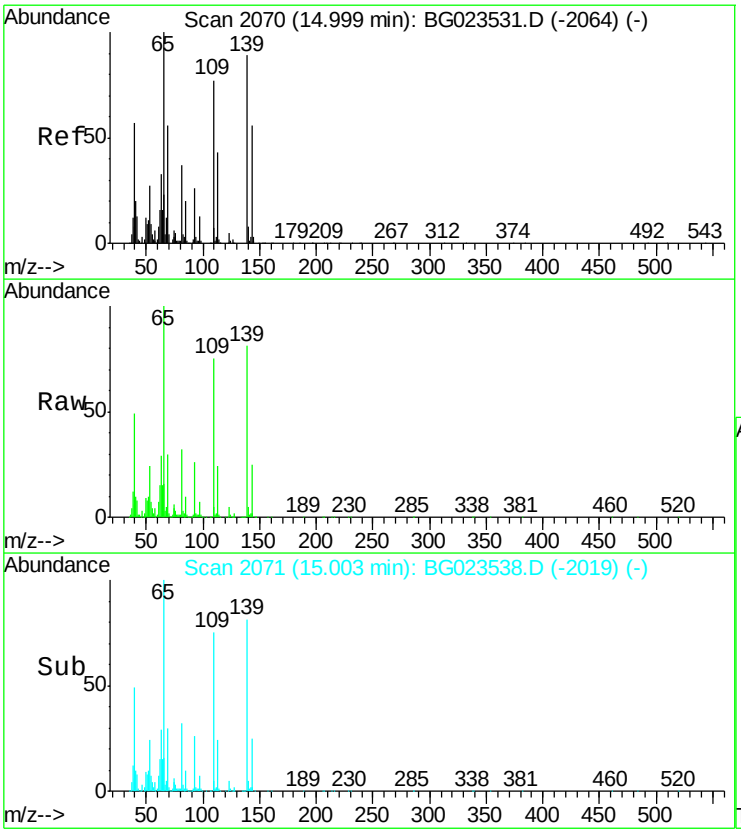

#49
Acenaphthene
Concen: 5.24 ng/ul
RT: 14.84 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:153 Resp: 139840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.3 | 37.3 | 55.9 |
| 154 | 91.6 | 68.2 | 102.2 |

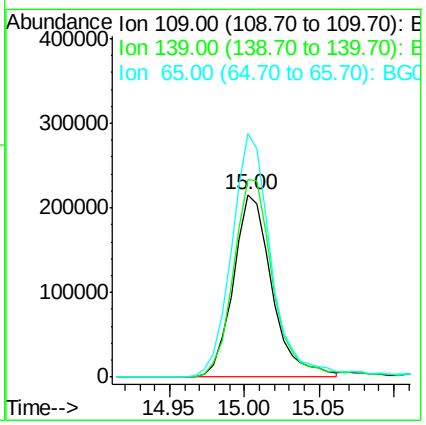


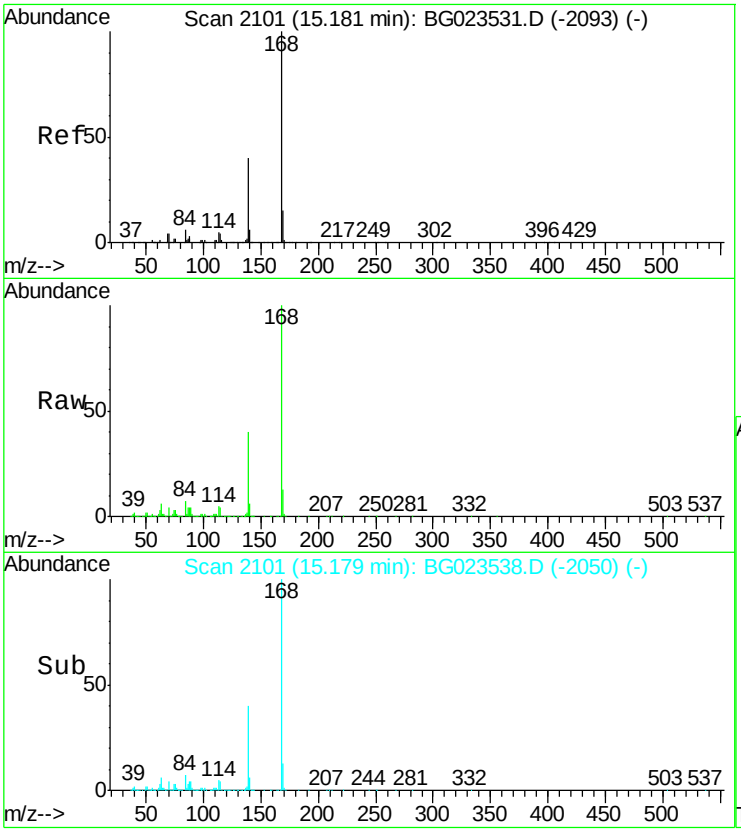




#52
4-Nitrophenol
Concen: 68.10 ng/ul
RT: 15.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:109 Resp: 387062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 108.5 | 136.1 | 204.1# |
| 65 | 133.7 | 106.0 | 159.0 |



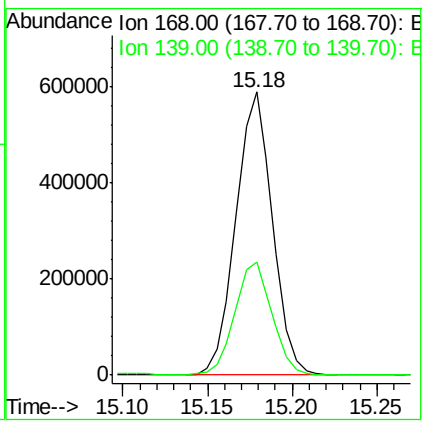


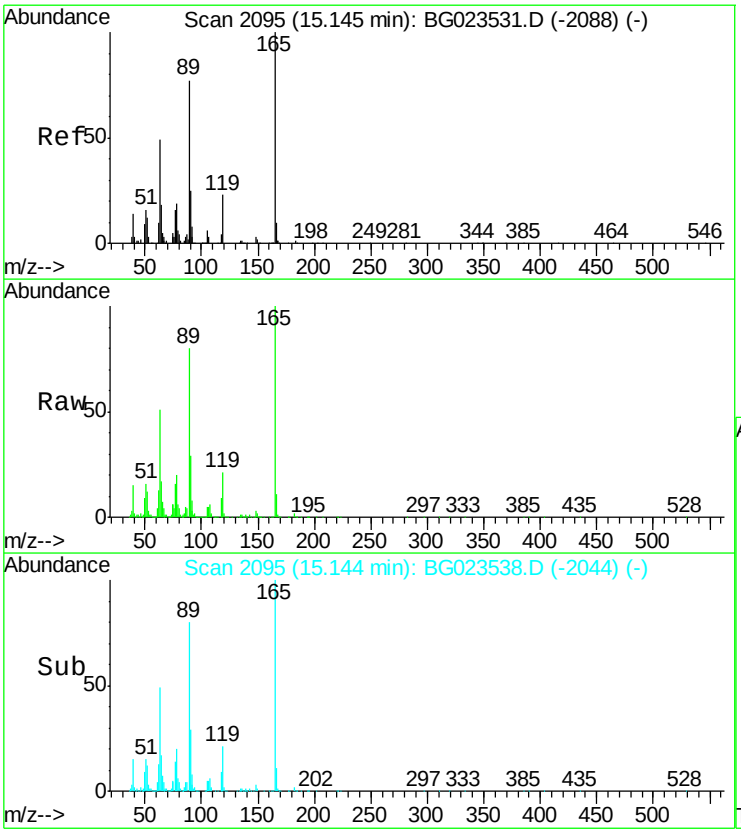

#53
Dibenzofuran
Concen: 22.35 ng/ul
RT: 15.18 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:168 Resp: 883007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.0 | 27.4 | 41.0 |

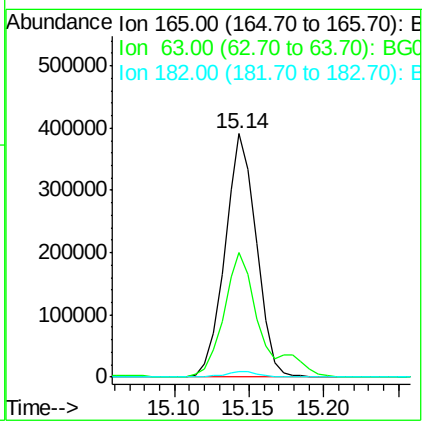


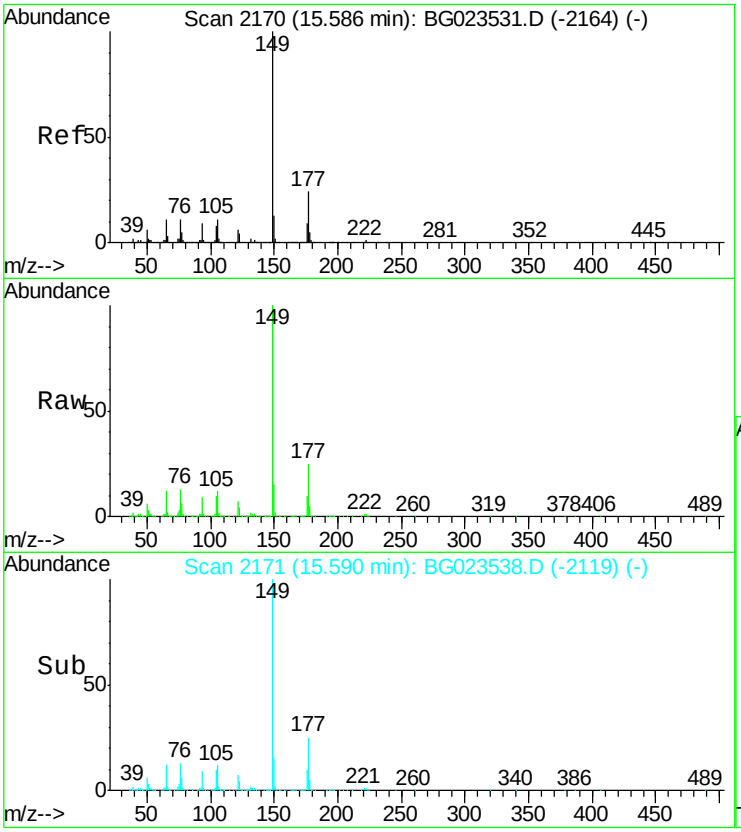




#54
2,4-Dinitrotoluene
Concen: 53.24 ng/ul
RT: 15.14 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:165 Resp: 575718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.2 | 25.7 | 38.5# |
| 182 | 2.5 | 2.1 | 3.1 |



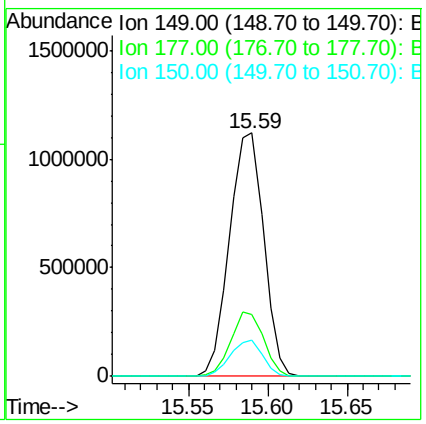


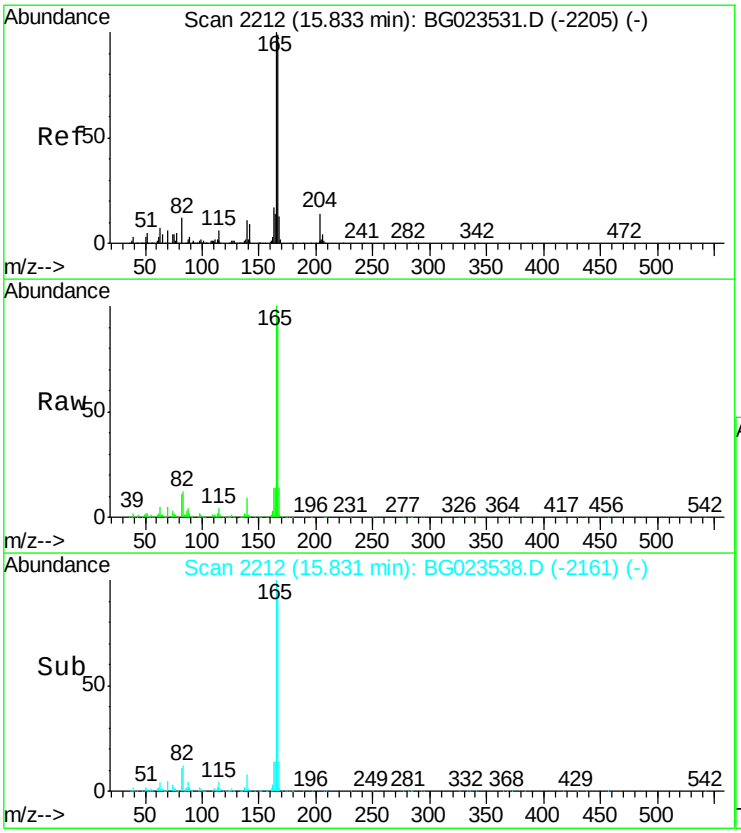

#56
Diethylphthalate
Concen: 48.58 ng/ul
RT: 15.59 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:149 Resp: 1671617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.5 | 17.4 | 26.2 |
| 150 | 14.8 | 9.6 | 14.4# |

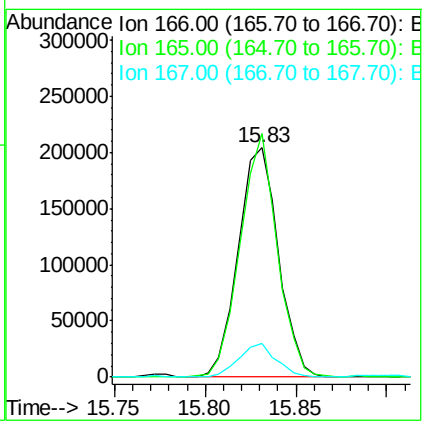


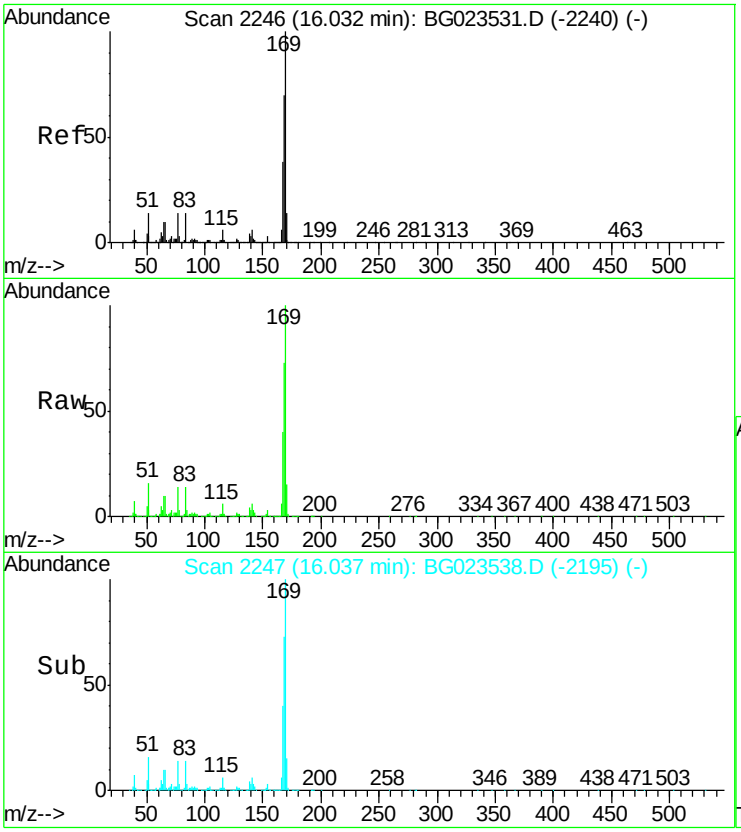




#58
Fluorene
Concen: 9.53 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:166 Resp: 313599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 106.3 | 80.3 | 120.5 |
| 167 | 14.5 | 10.3 | 15.5 |



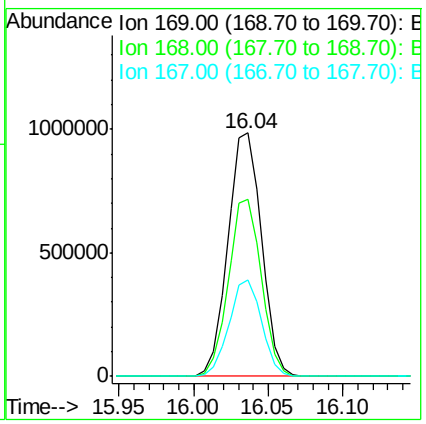


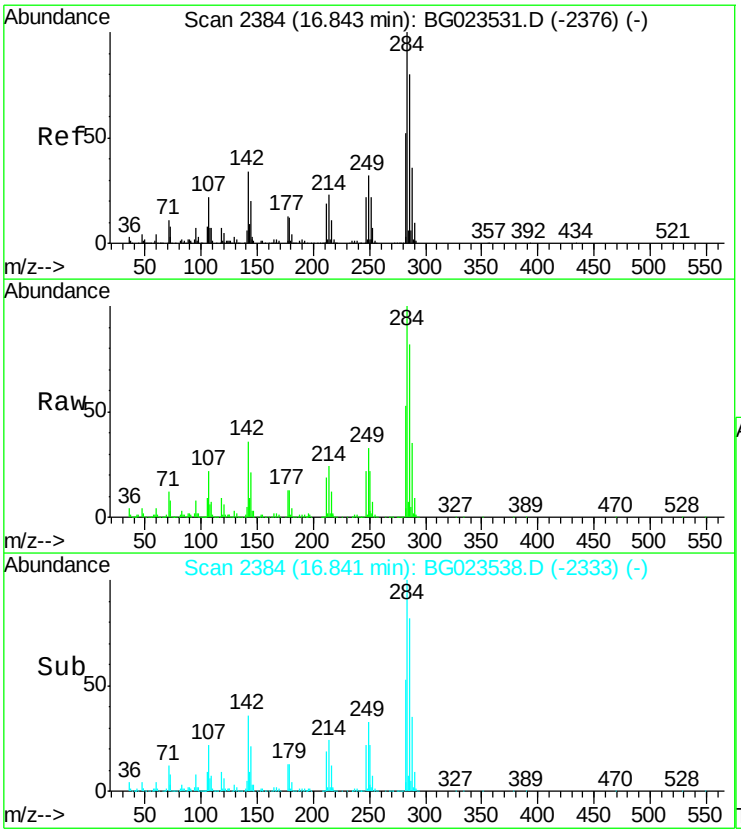

#64
N-Nitrosodiphenylamine
Concen: 55.10 ng/ul
RT: 16.04 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:169 Resp: 1550675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 72.6 | 59.0 | 88.6 |
| 167 | 39.6 | 30.6 | 46.0 |

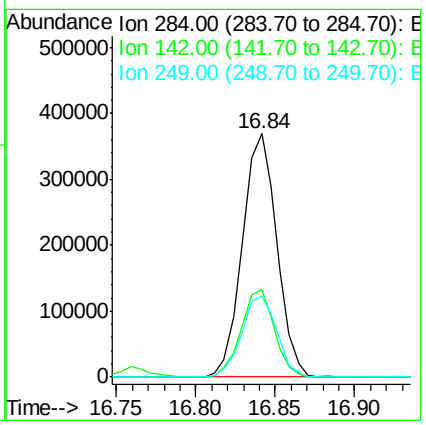


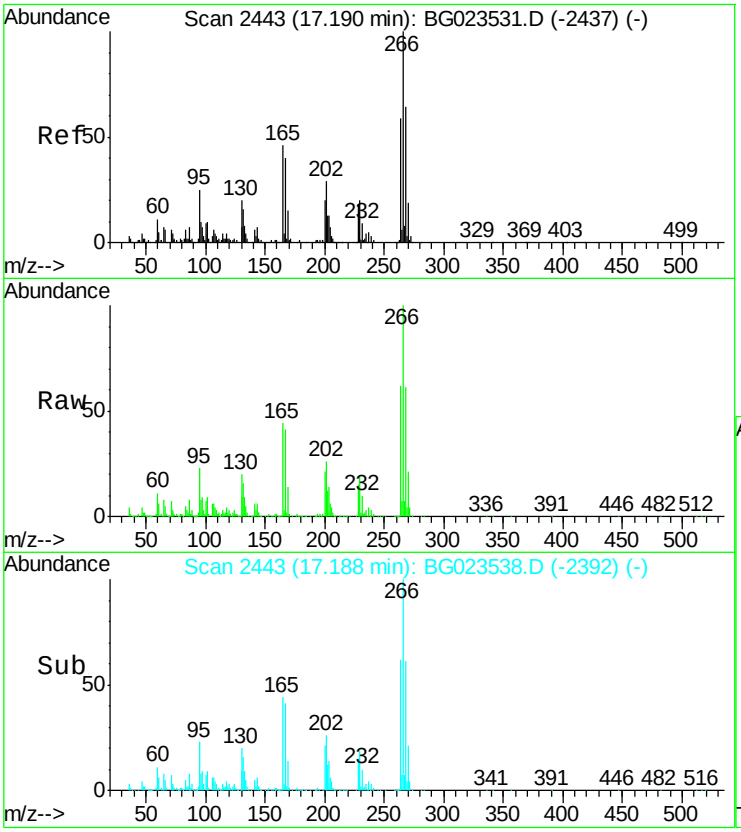




#66
Hexachlorobenzene
Concen: 45.22 ng/ul
RT: 16.84 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:284 Resp: 556304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.8 | 27.8 | 41.8 |
| 249 | 33.2 | 24.4 | 36.6 |



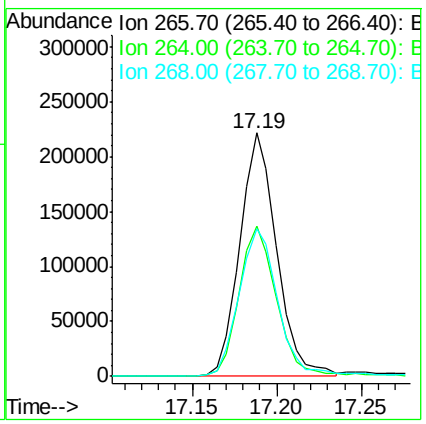


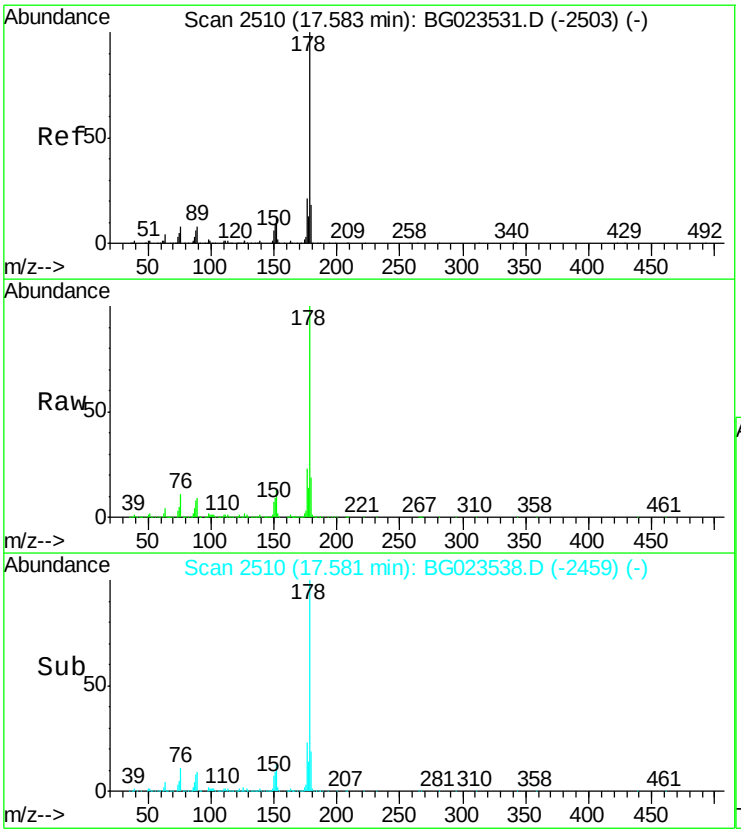

#68
Pentachlorophenol
Concen: 49.53 ng/ul
RT: 17.19 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:266 Resp: 336171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 61.7 | 54.7 | 82.1 |
| 268 | 60.9 | 57.8 | 86.8 |

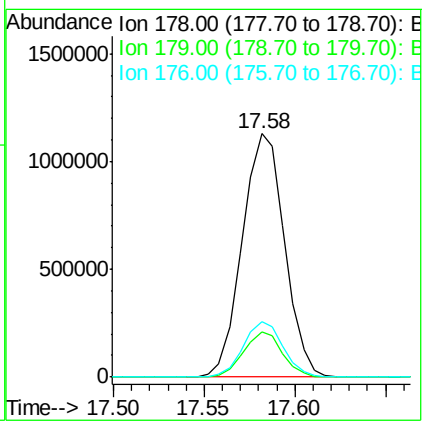


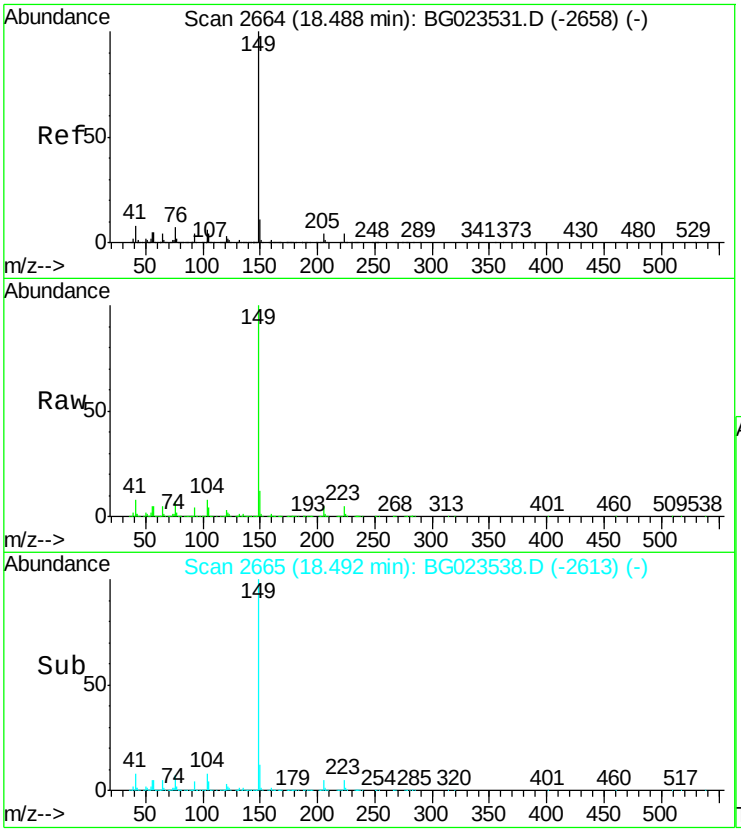




#69
Phenanthrene
Concen: 35.27 ng/ul
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:178 Resp: 1839392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 18.7 | 12.9 | 19.3 |
| 176 | 22.7 | 15.8 | 23.8 |



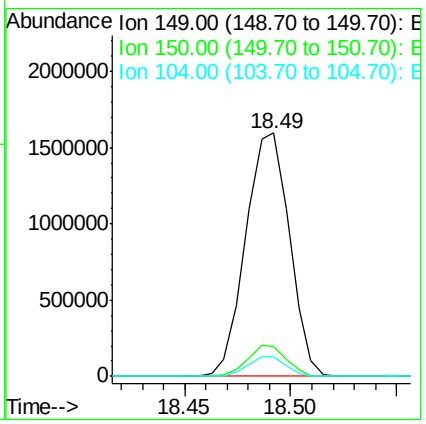


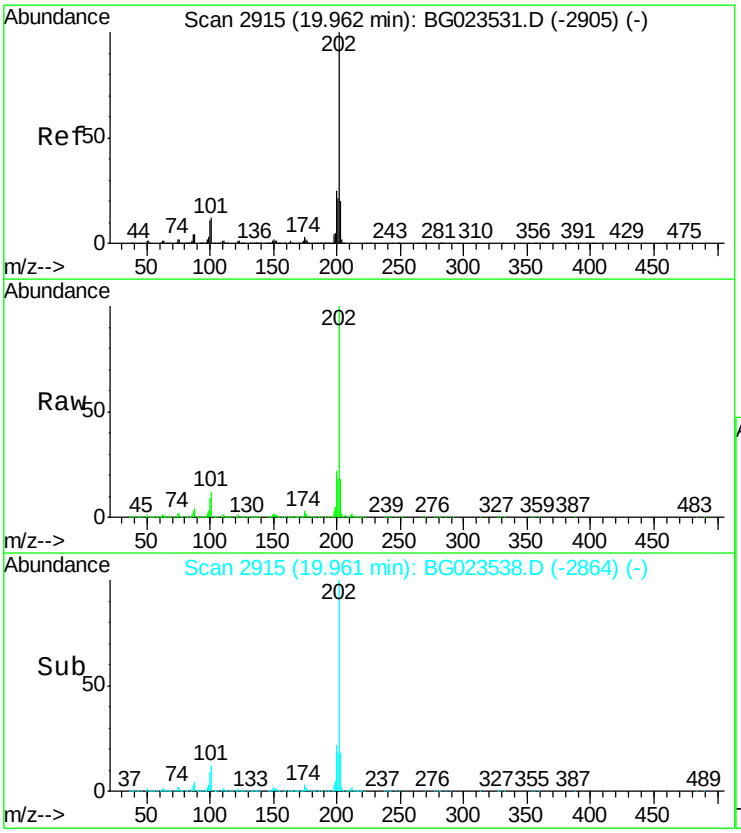

#73
Di-n-butylphthalate
Concen: 42.75 ng/ul
RT: 18.49 min Scan# 2665
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:149 Resp: 2296201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 12.2 | 7.1 | 10.7# |
| 104 | 8.1 | 3.3 | 4.9# |

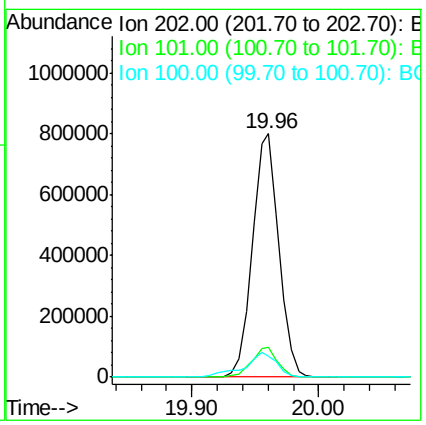


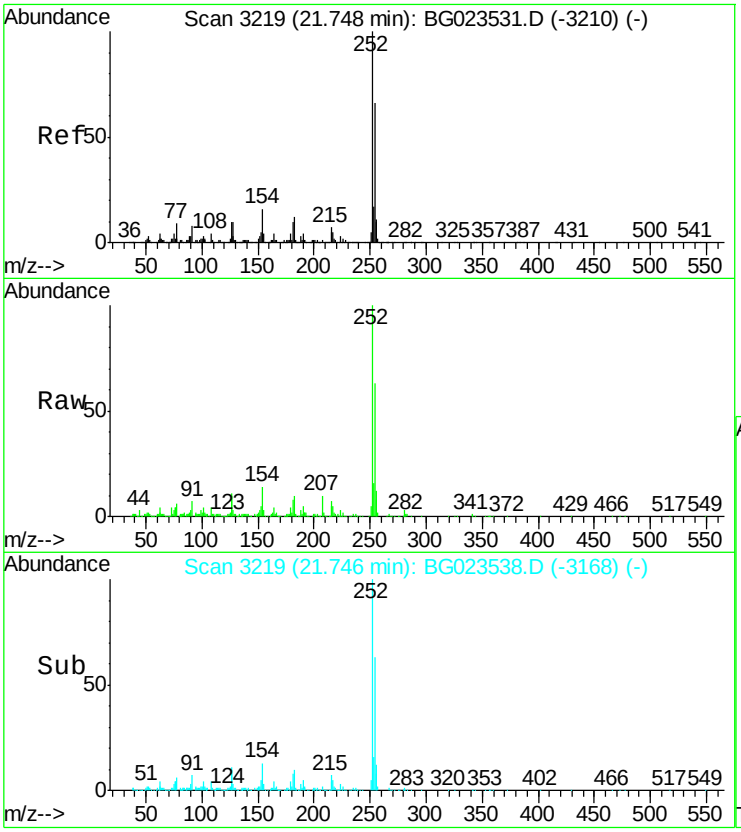




#77
Pyrene
Concen: 18.37 ng/ul
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:202 Resp: 1157118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 12.5 | 18.7 |
| 100 | 8.5 | 10.2 | 15.4# |



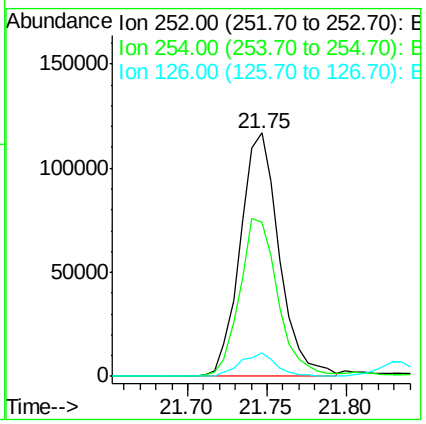


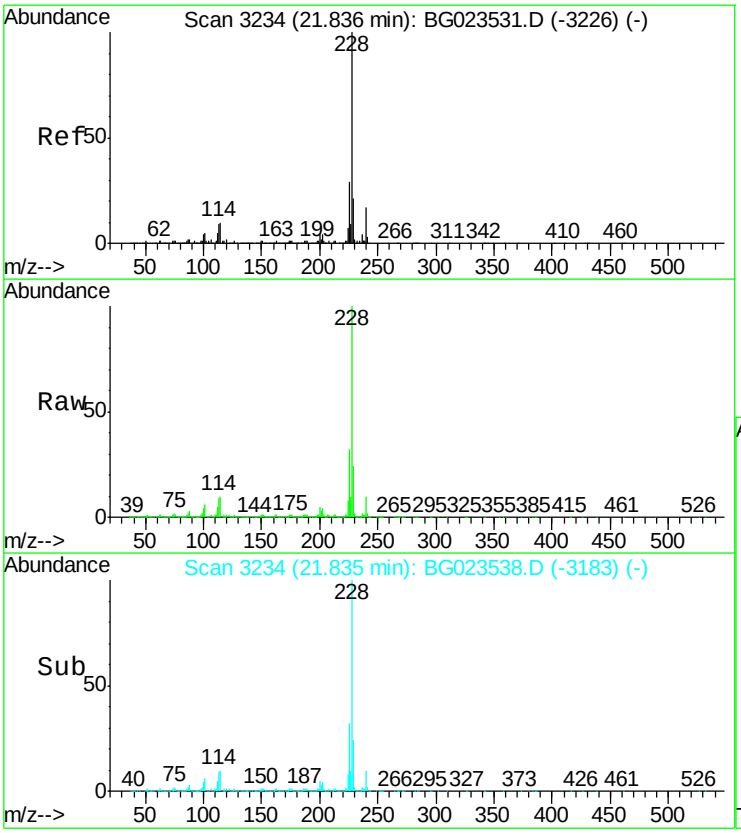

#79
3,3'-Dichlorobenzidine
Concen: 11.08 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:252 Resp: 198987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.0 | 51.4 | 77.2 |
| 126 | 9.9 | 10.7 | 16.1# |

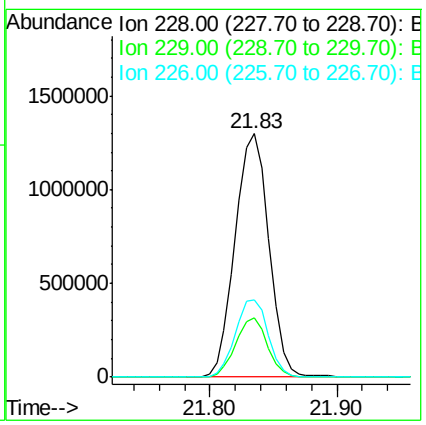


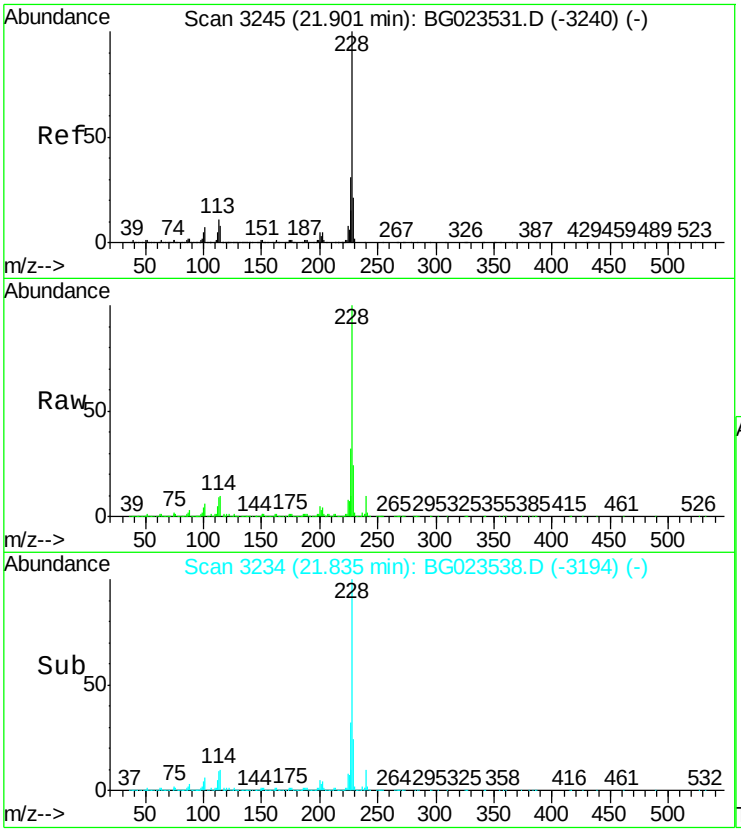




#80
Benzo(a)anthracene
Concen: 41.87 ng/ul
RT: 21.83 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:228 Resp: 2402613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 24.3 | 15.4 | 23.2# |
| 226 | 31.9 | 22.8 | 34.2 |



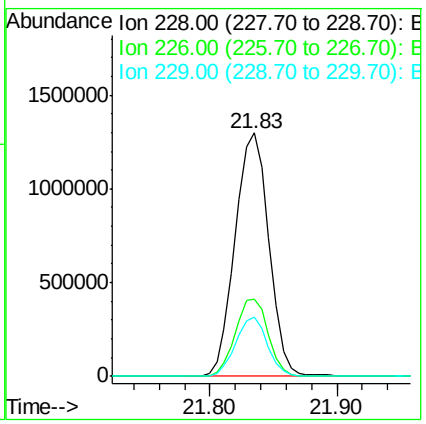


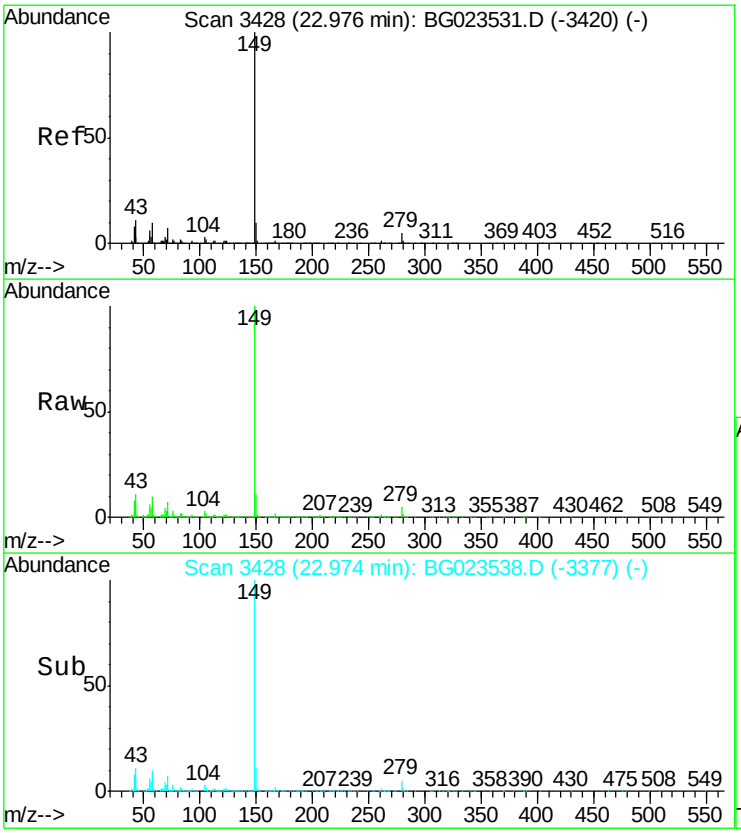

#82
Chrysene
Concen: 46.05 ng/ul
RT: 21.83 min Scan# 3234
Delta R.T. -0.07 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:228 Resp: 2402613

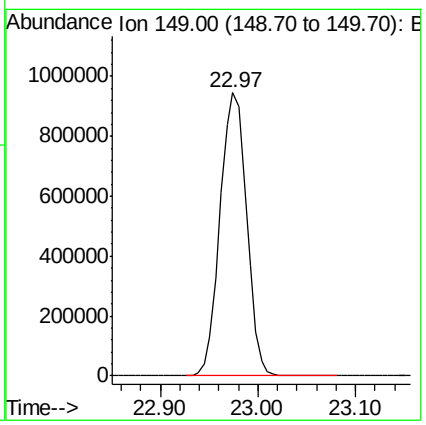
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.9 | 24.2 | 36.4 |
| 229 | 24.3 | 15.0 | 22.6# |

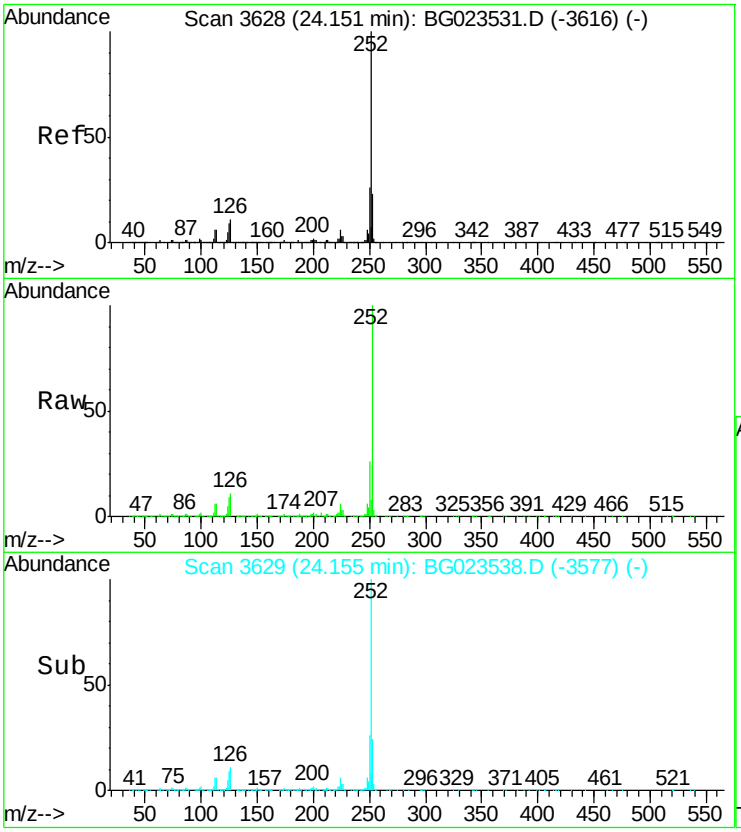



#84
Di-n-octyl phthalate
Concen: 36.57 ng/ul
RT: 22.97 min Scan# 3428
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:149 Resp: 1784302



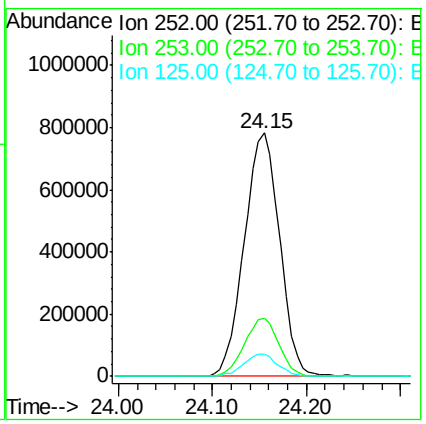


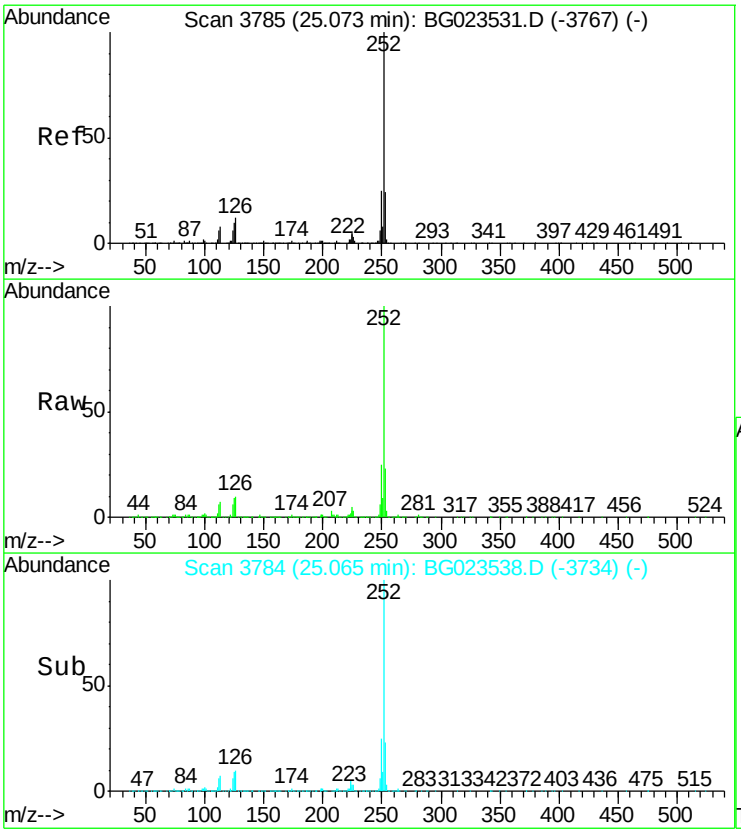

#85
Benzo(b)fluoranthene
Concen: 37.00 ng/ul
RT: 24.15 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:252 Resp: 2033040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 18.2 | 27.2 |
| 125 | 8.9 | 10.8 | 16.2# |

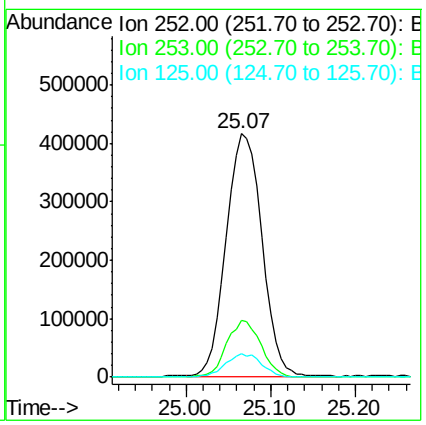


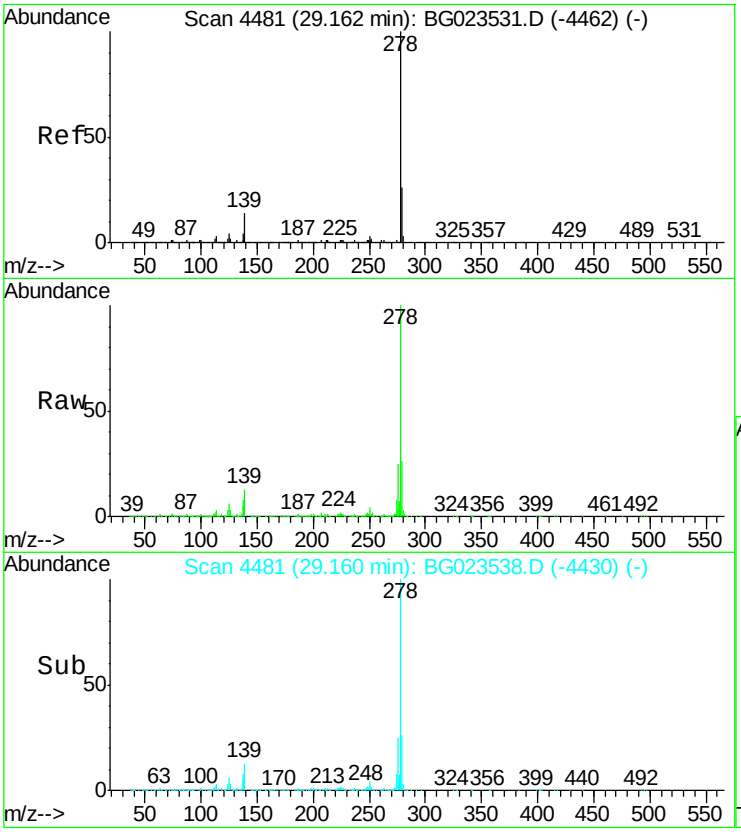




#88
Benzo(a)pyrene
Concen: 23.10 ng/ul
RT: 25.07 min Scan# 3784
Delta R.T. -0.01 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:252 Resp: 1225495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 19.0 | 28.4 |
| 125 | 9.4 | 12.0 | 18.0# |



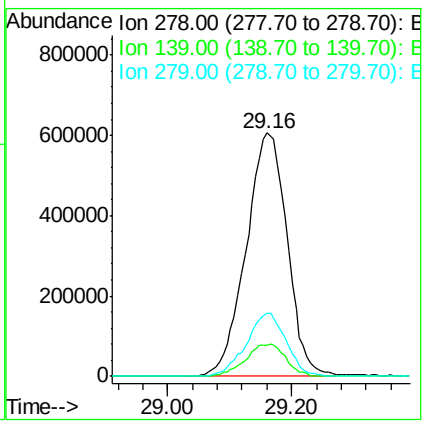


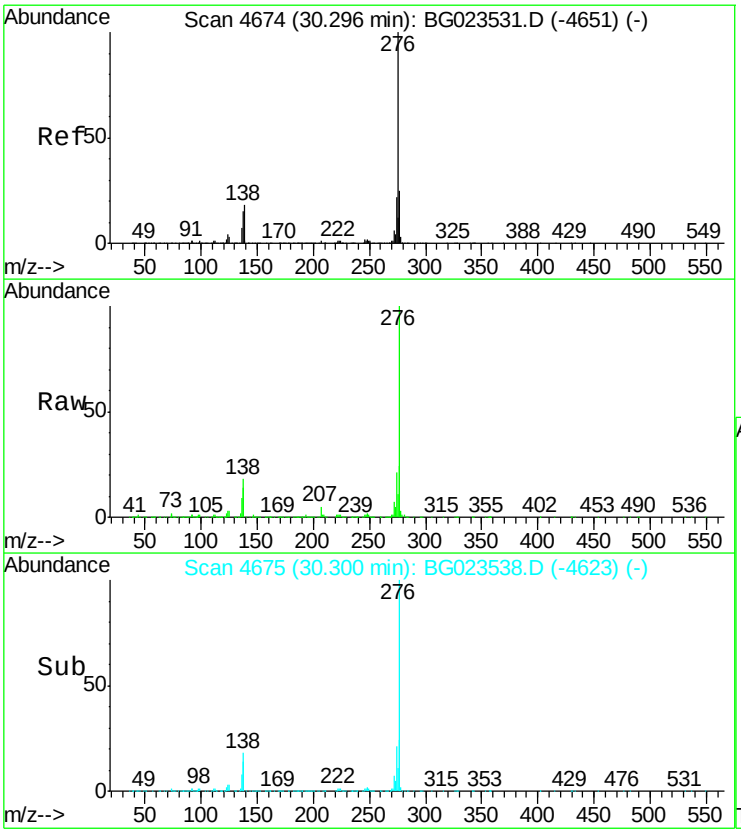

#90
Dibenzo(a,h)anthracene
Concen: 52.42 ng/ul
RT: 29.16 min Scan# 4481
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

**Instrument :**
BNA_G
**ClientSampleId :**
A4V12

Tgt Ion:278 Resp: 2786763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.7 | 16.3 | 24.5# |
| 279 | 25.8 | 19.1 | 28.7 |




#91
Benzo(g,h,i)perylene
Concen: 28.31 ng/ul
RT: 30.30 min Scan# 4675
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:276 Resp: 1463160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.5 | 22.1 | 33.1# |
| 277 | 23.9 | 17.0 | 25.4 |