Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021499.D
Acq On : 25 Mar 2016 00:22
Operator : UM/SJ
Sample : H1909-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4T51

Quant Time: Mar 25 01:24:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 0.00 | 152 | 0 | 0.00 | ng/ul | -8.06 |
| 18) Naphthalene-d8 | 10.88 | 136 | 1143 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.68 | 164 | 703 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.42 | 188 | 1708 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.67 | 240 | 2347 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.88 | 264 | 2378 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.47 | 96 | 472 | 0.00 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.34 | 99 | 16911 | 0.00 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.39 | 67 | 10264 | 0.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 13134 | 0.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.85 | 113 | 14459 | 0.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.23 | 128 | 7153 | 834.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.95 | 143 | 7330 | 747.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 14139 | 806.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.02 | 131 | 17698 | 772.60 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.08 | 166 | 50682 | 865.83 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.38 | 160 | 62082 | 860.41 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.09 | 143 | 3818 | 408.06 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.66 | 176 | 46168 | 874.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 5750 | 509.58 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.51 | 188 | 69920 | 835.37 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.79 | 212 | 78854 | 720.49 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.66 | 264 | 82094 | 747.99 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 21) Isophorone | 9.95 | 82 | 853 | 18.27 | ng/ul# | 69 |
| 28) Naphthalene | 10.92 | 128 | 7689 | 126.88 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.92 | 127 | 930 | 38.68 | ng/ul# | 34 |
| 34) 2-Methylnaphthalene | 12.51 | 142 | 4152 | 92.32 | ng/ul | 94 |
| 35) 1-Methylnaphthalene | 12.73 | 142 | 3609 | 82.70 | ng/ul# | 89 |
| 41) 1,1'-Biphenyl | 13.51 | 154 | 1462 | 25.42 | ng/ul | 90 |
| 45) Dimethylphthalate | 14.12 | 163 | 23833 | 391.84 | ng/ul | 98 |
| 48) Acenaphthylene | 14.41 | 152 | 648 | 9.06 | ng/ul# | 56 |
| 50) Acenaphthene | 14.74 | 153 | 14103 | 286.02 | ng/ul | 96 |
| 54) Dibenzofuran | 15.08 | 168 | 12115 | 175.39 | ng/ul | 94 |
| 55) 2,4-Dinitrotoluene | 14.98 | 165 | 343 | 18.85 | ng/ul# | 24 |
| 57) Diethylphthalate | 15.48 | 149 | 468 | 7.20 | ng/ul# | 59 |
| 59) Fluorene | 15.72 | 166 | 15700 | 259.96 | ng/ul | 95 |
| 61) 4-Nitroaniline | 15.72 | 138 | 125 | 10.39 | ng/ul# | 1 |
| 65) N-Nitrosodiphenylamine | 15.92 | 169 | 386 | 7.30 | ng/ul# | 1 |
| 70) Phenanthrene | 17.46 | 178 | 224945 | 2325.61 | ng/ul | 96 |
| 72) Anthracene | 17.55 | 178 | 46757 | 475.08 | ng/ul | 97 |
| 75) Carbazole | 17.83 | 167 | 15118 | 177.55 | ng/ul | 96 |
| 76) Di-n-butylphthalate | 18.36 | 149 | 8561 | 77.93 | ng/ul | 96 |
| 77) Fluoranthene | 19.46 | 202 | 249203 | 2134.88 | ng/ul# | 94 |
| 80) Pyrene | 19.82 | 202 | 226769 | 1621.61 | ng/ul# | 94 |
| 81) Butylbenzylphthalate | 20.68 | 149 | 120 | 2.03 | ng/ul# | 18 |
| 82) 3,3'-Dichlorobenzidine | 21.42 | 252 | 383 | 7.87 | ng/ul# | 25 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021499.D
Acq On : 25 Mar 2016 00:22
Operator : UM/SJ
Sample : H1909-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4T51

Quant Time: Mar 25 01:24:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration

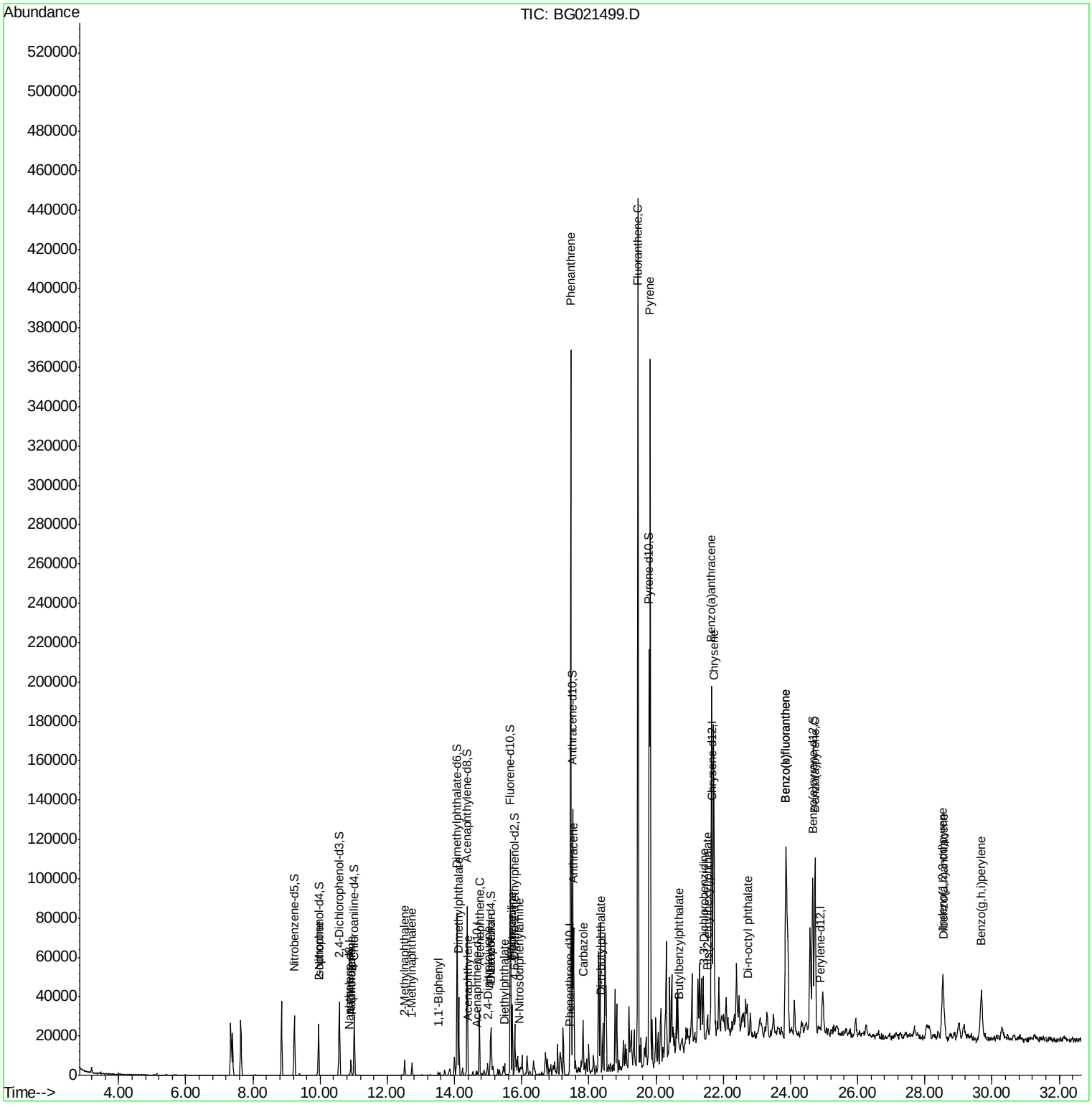
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 83) Benzo(a)anthracene | 21.65 | 228 | 111268 | 785.36 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149 | 864 | 10.00 | ng/ul# | 64 |
| 85) Chrysene | 21.72 | 228 | 105391 | 785.46 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.74 | 149 | 197 | 1.22 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.86 | 252 | 114670 | 750.71 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.86 | 252 | 114670 | 764.24 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 24.73 | 252 | 90387 | 609.55 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.53 | 276 | 51884 | 307.87 | ng/ul# | 93 |
| 93) Dibenzo(a,h)anthracene | 28.56 | 278 | 8763 | 61.12 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 29.68 | 276 | 47916 | 345.76 | ng/ul | 98 |

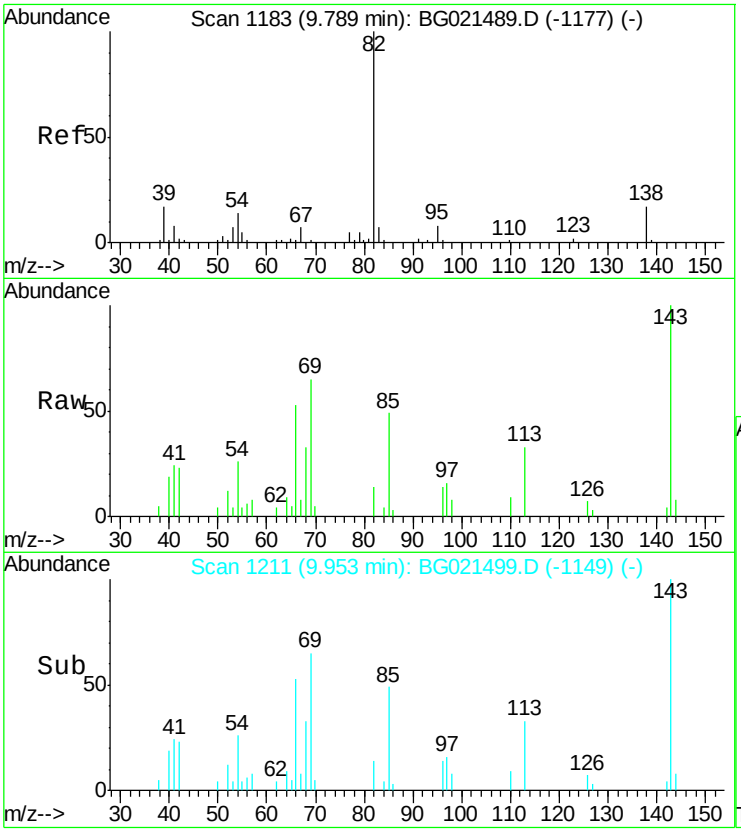
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021499.D
Acq On : 25 Mar 2016 00:22
Operator : UM/SJ
Sample : H1909-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Quant Time: Mar 25 01:24:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration



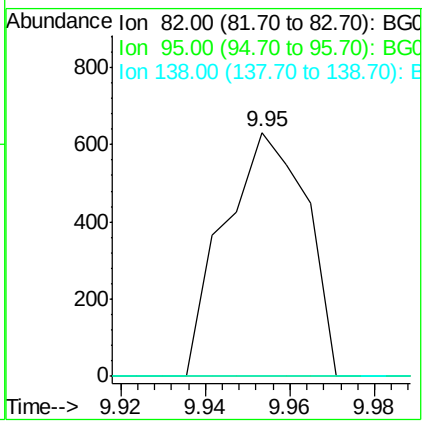


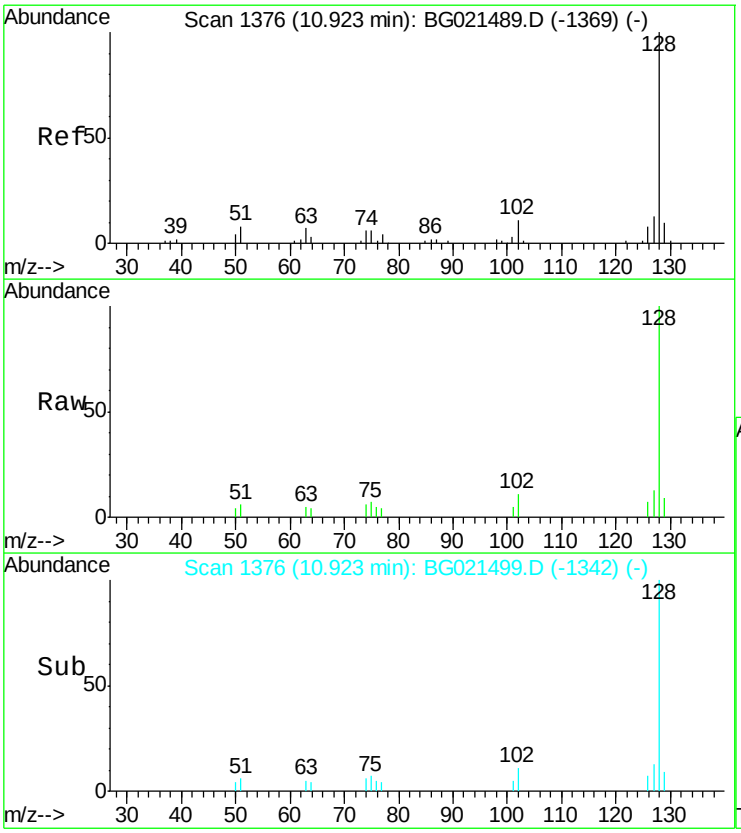

#21
Isophorone
Concen: 18.27 ng/ul
RT: 9.95 min Scan# 1211
Delta R.T. 0.16 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion: 82 Resp: 853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.8# |
| 138 | 0.0 | 12.2 | 18.2# |

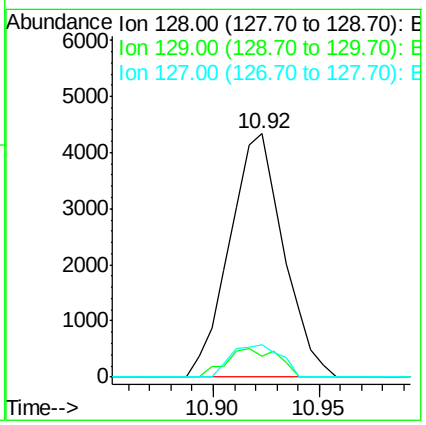


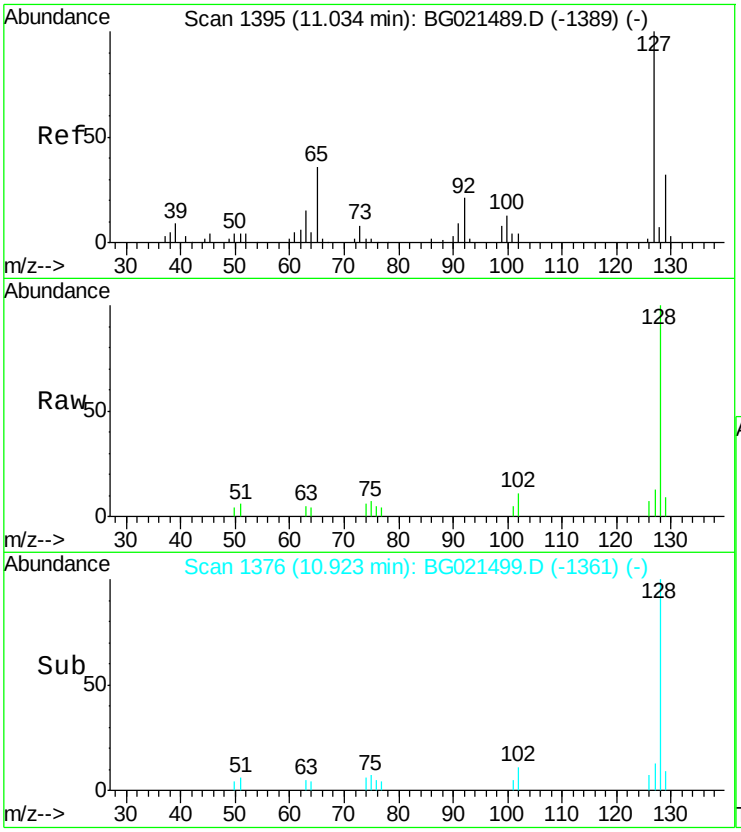




#28
Naphthalene
Concen: 126.88 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:128 Resp: 7689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.8 | 8.3 | 12.5 |
| 127 | 13.1 | 10.8 | 16.2 |



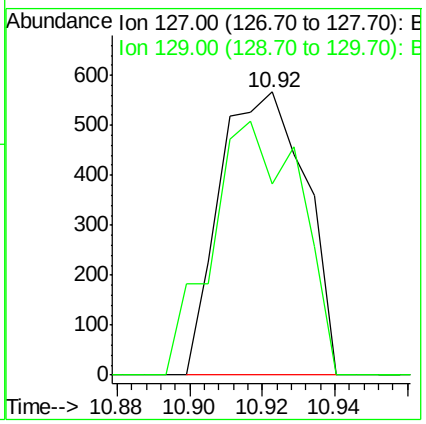


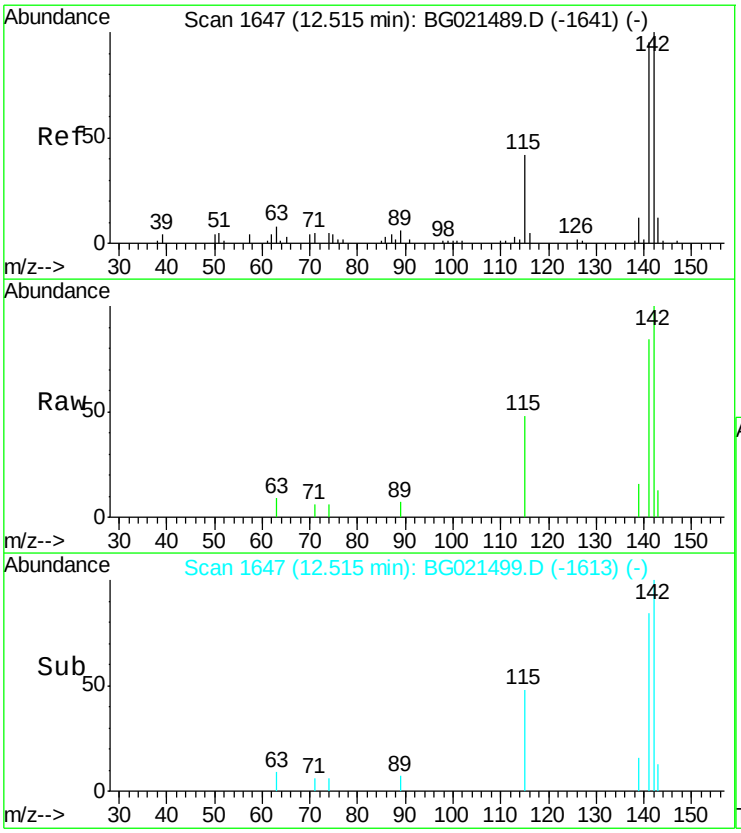

#30
4-Chloroaniline
Concen: 38.68 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.11 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:127 Resp: 930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 67.5 | 24.8 | 37.2# |

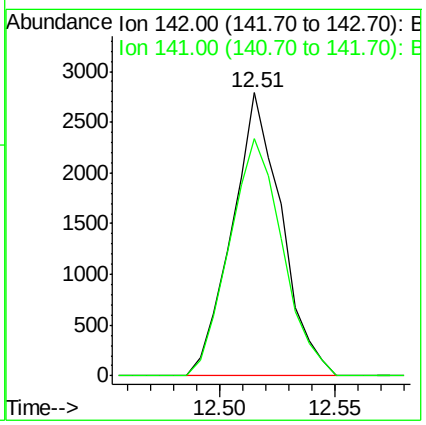


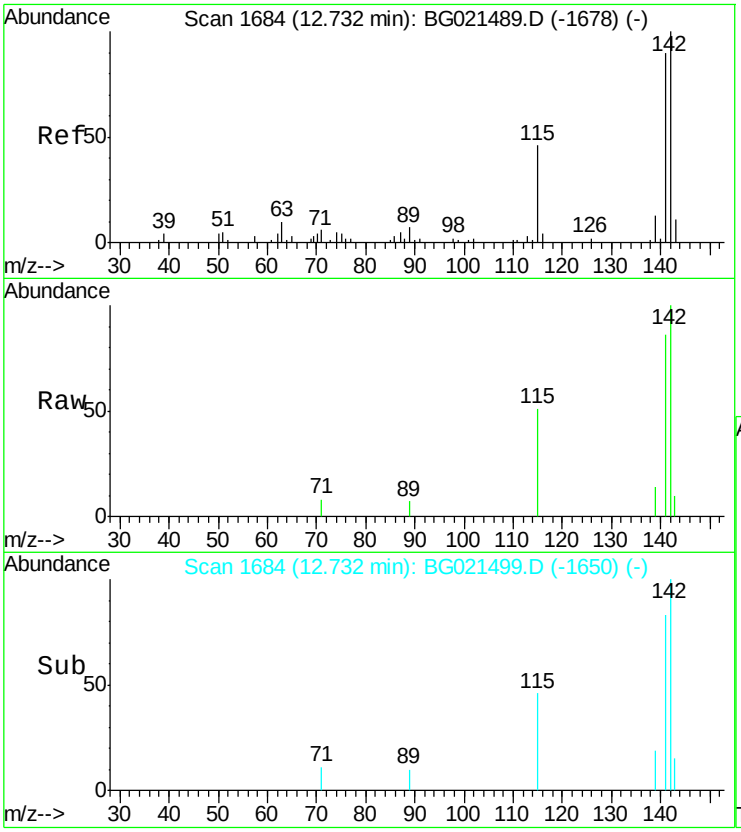




#34
2-Methylnaphthalene
Concen: 92.32 ng/ul
RT: 12.51 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:142 Resp: 4152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.7 | 71.3 | 106.9 |



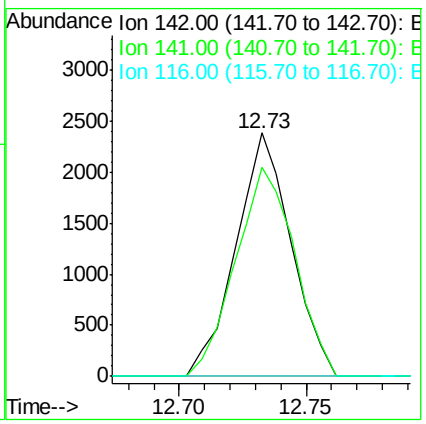


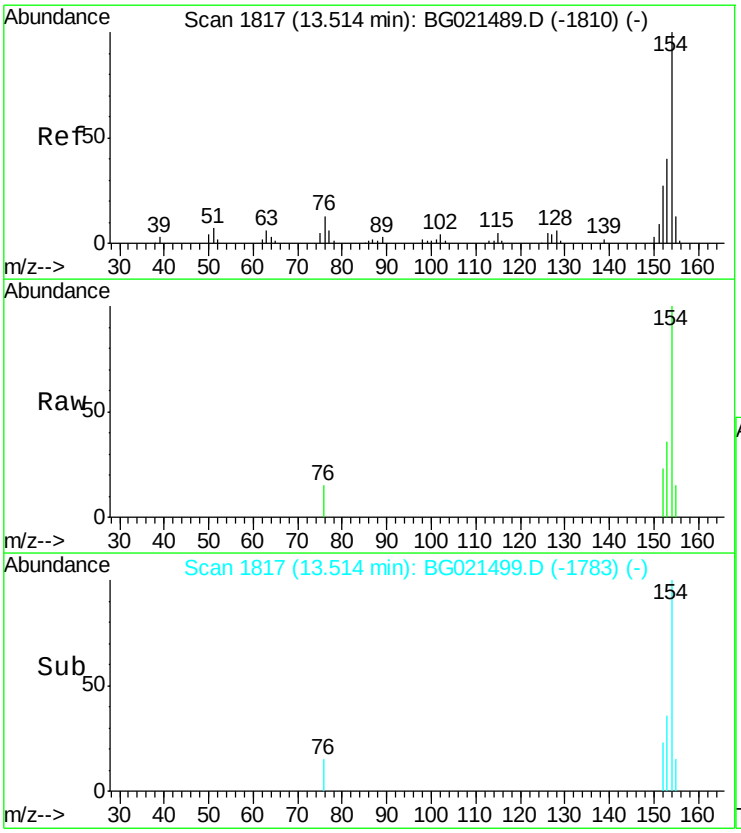

#35
1-Methylnaphthalene
Concen: 82.70 ng/ul
RT: 12.73 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:142 Resp: 3609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.0 | 77.0 | 115.4 |
| 116 | 0.0 | 4.2 | 6.4# |

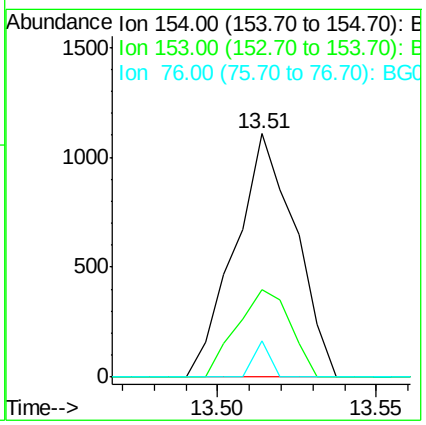


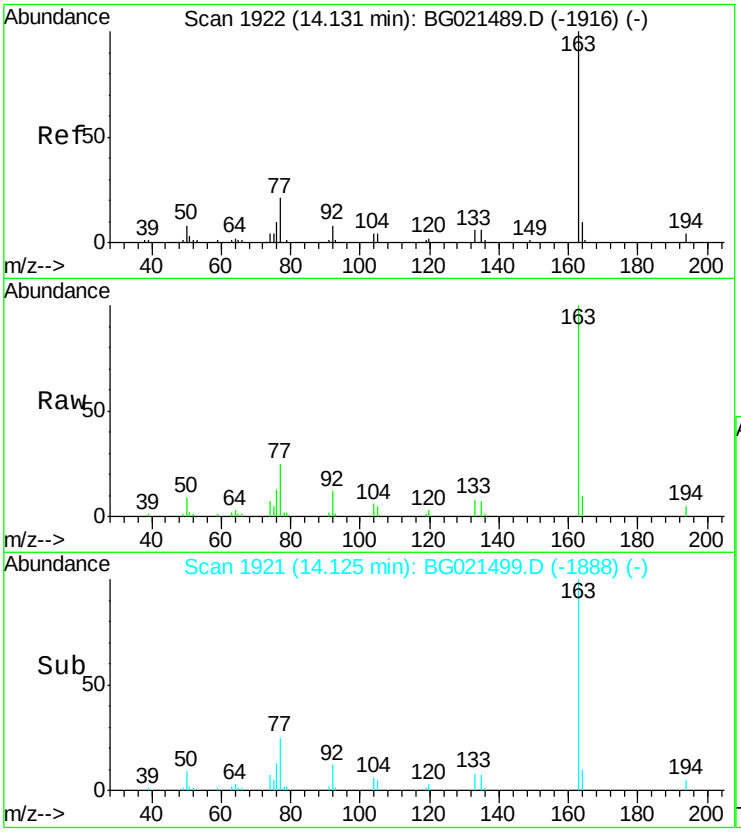




#41
1,1'-Biphenyl
Concen: 25.42 ng/ul
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:154 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 36.0 | 35.4 | 53.2 |
| 76 | 15.1 | 12.1 | 18.1 |



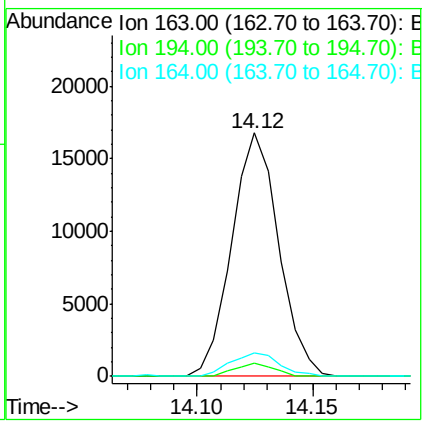


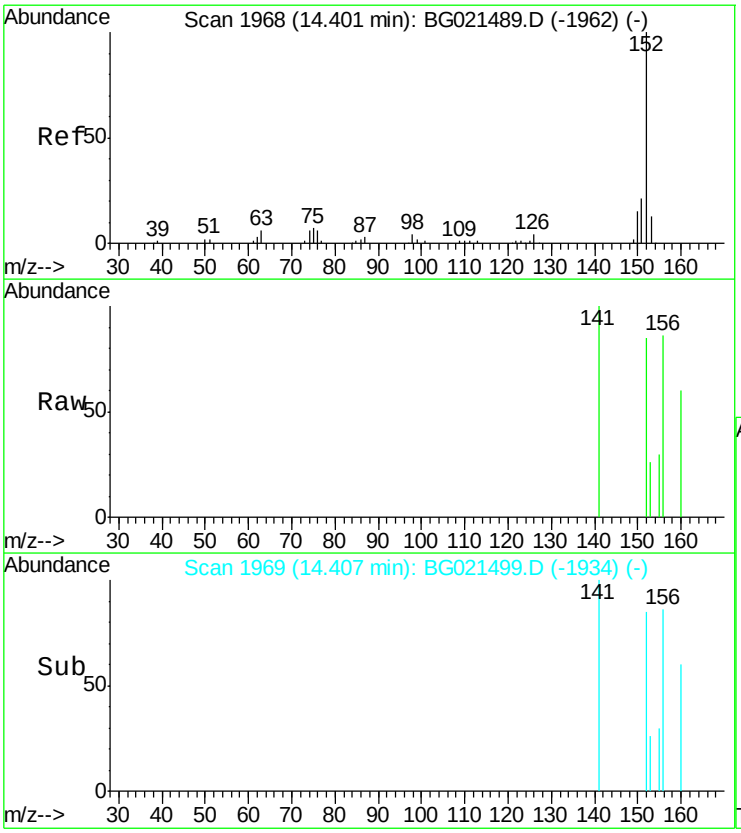

#45
Dimethylphthalate
Concen: 391.84 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :** BNA_G
**ClientSampleId :** A4T51

Tgt Ion:163 Resp: 23833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.4 | 3.9 | 5.9 |
| 164 | 9.9 | 8.7 | 13.1 |

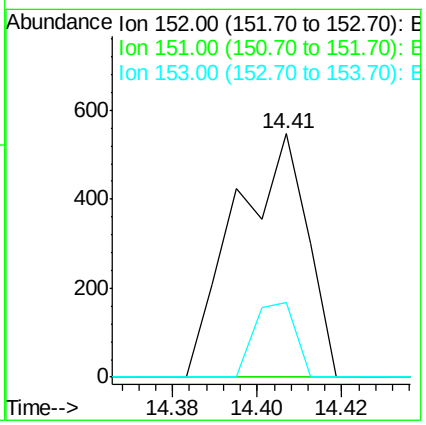


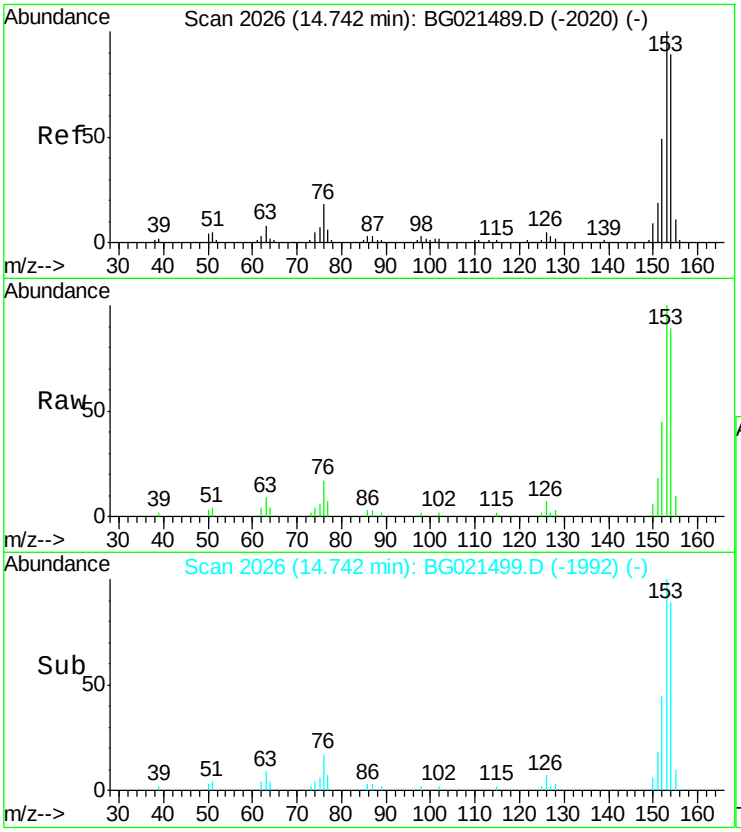




#48
Acenaphthylene
Concen: 9.06 ng/ul
RT: 14.41 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:152 Resp: 648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 17.3 | 25.9# |
| 153 | 30.7 | 11.1 | 16.7# |



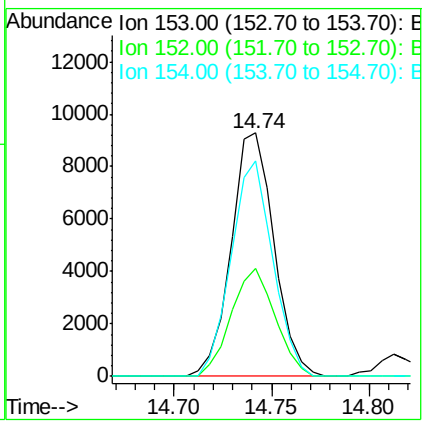


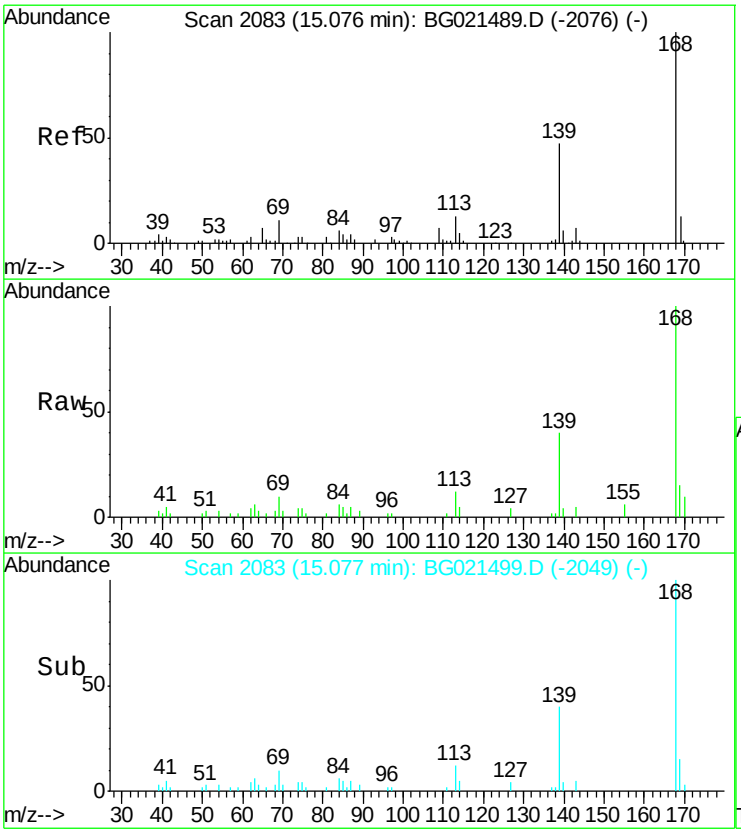

#50
Acenaphthene
Concen: 286.02 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:153 Resp: 14103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 44.5 | 36.5 | 54.7 |
| 154 | 88.7 | 67.3 | 100.9 |

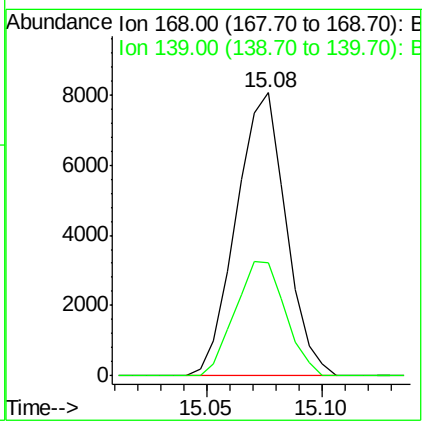


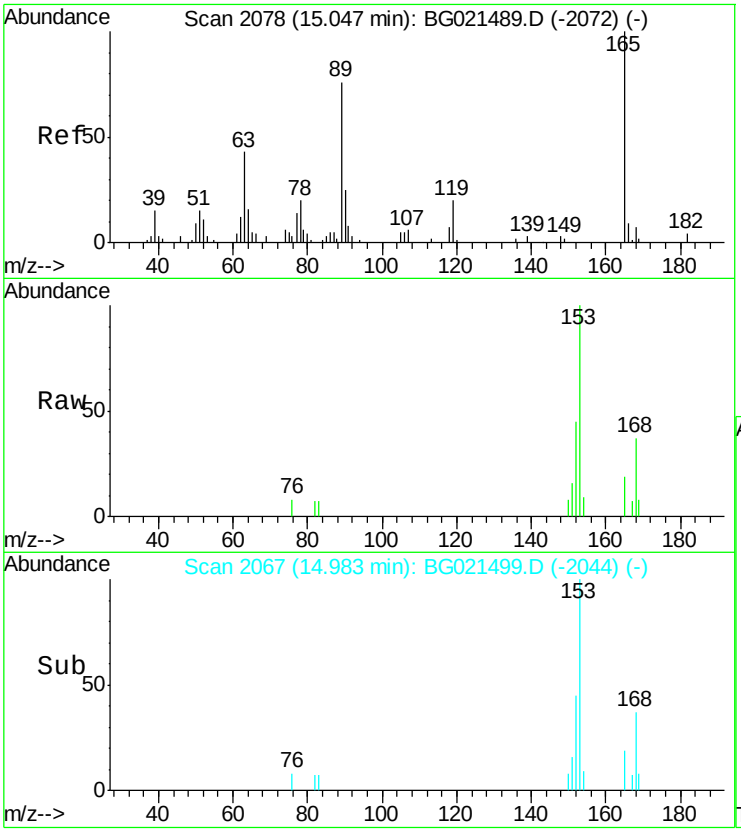




#54
Dibenzofuran
Concen: 175.39 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:168 Resp: 12115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.9 | 35.2 | 52.8 |



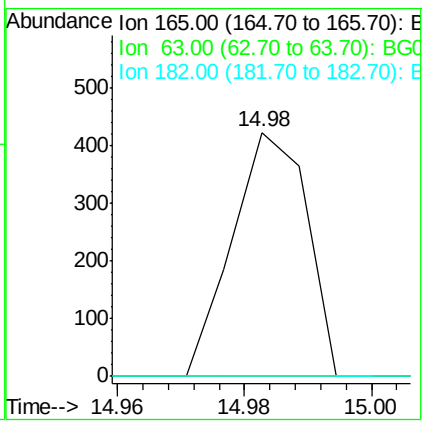


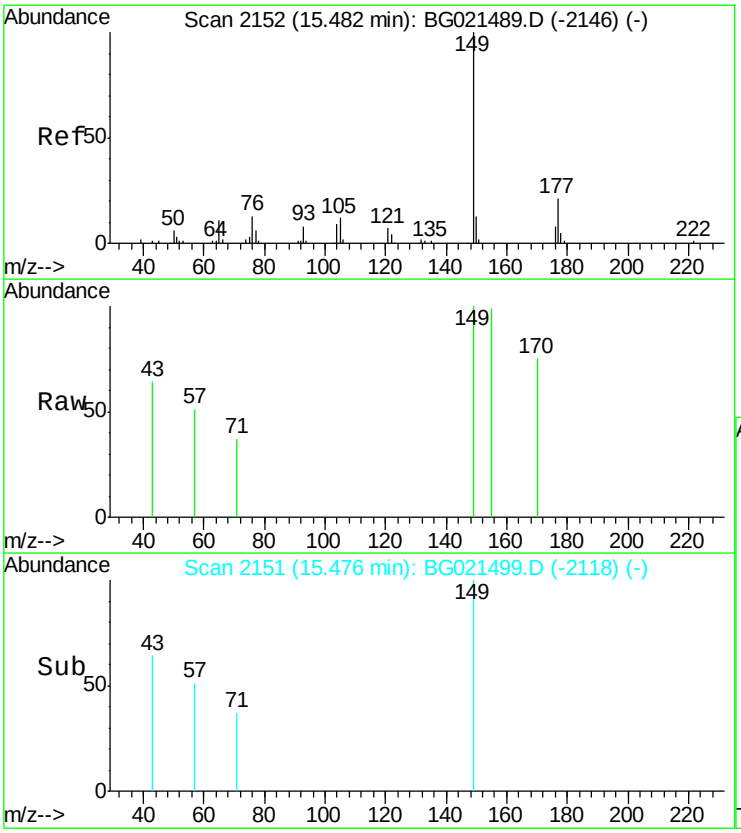

#55
2,4-Dinitrotoluene
Concen: 18.85 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.06 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:165 Resp: 343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 48.1 | 72.1# |
| 182 | 0.0 | 2.2 | 3.2# |

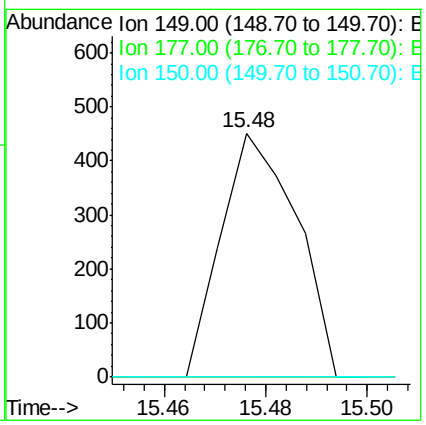


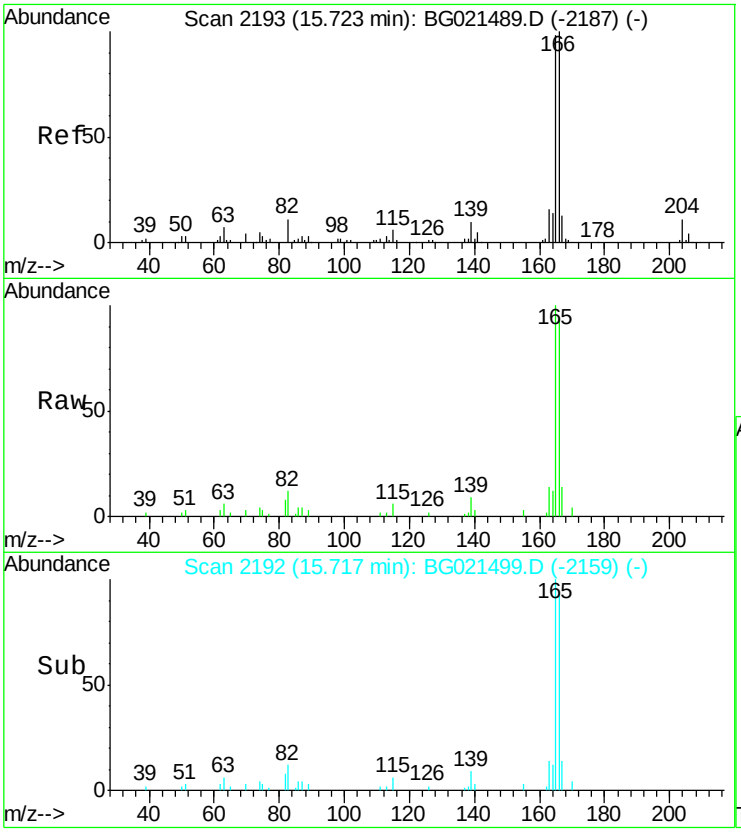




#57
Diethylphthalate
Concen: 7.20 ng/ul
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:149 Resp: 468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 17.4 | 26.2# |
| 150 | 0.0 | 10.2 | 15.2# |



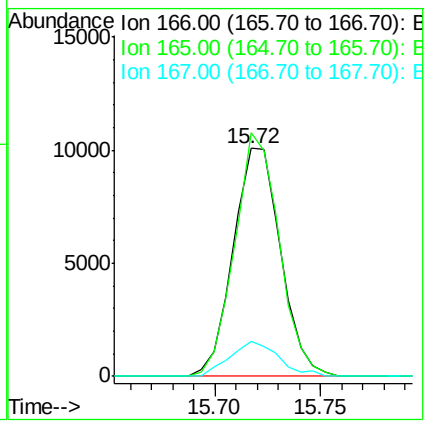


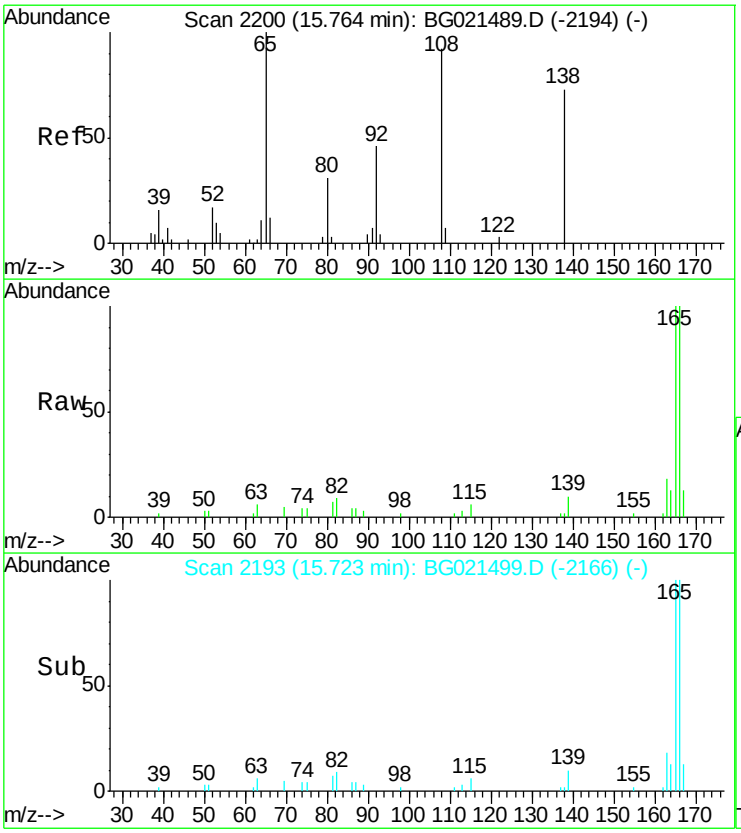

#59
Fluorene
Concen: 259.96 ng/ul
RT: 15.72 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:166 Resp: 15700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 106.9 | 81.1 | 121.7 |
| 167 | 15.1 | 10.6 | 16.0 |

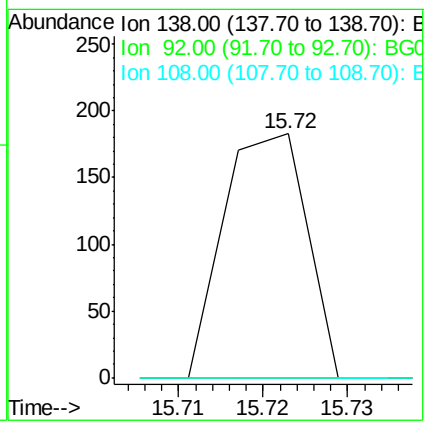


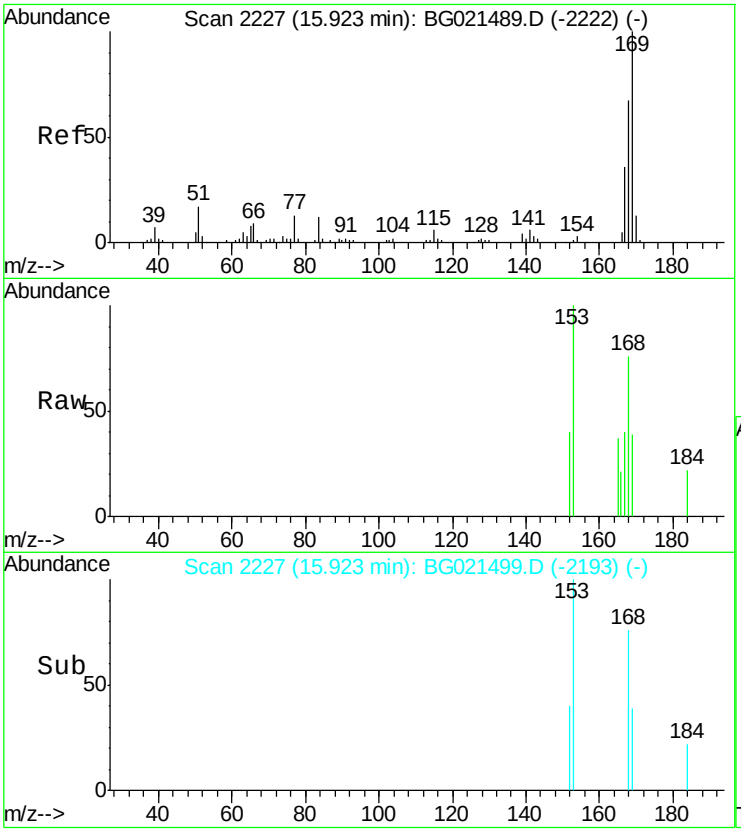




#61
4-Nitroaniline
Concen: 10.39 ng/ul
RT: 15.72 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:138 Resp: 125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 0.0 | 51.9 | 77.9# |
| 108 | 0.0 | 95.3 | 142.9# |



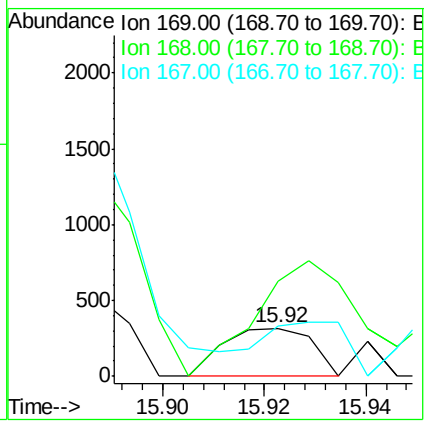


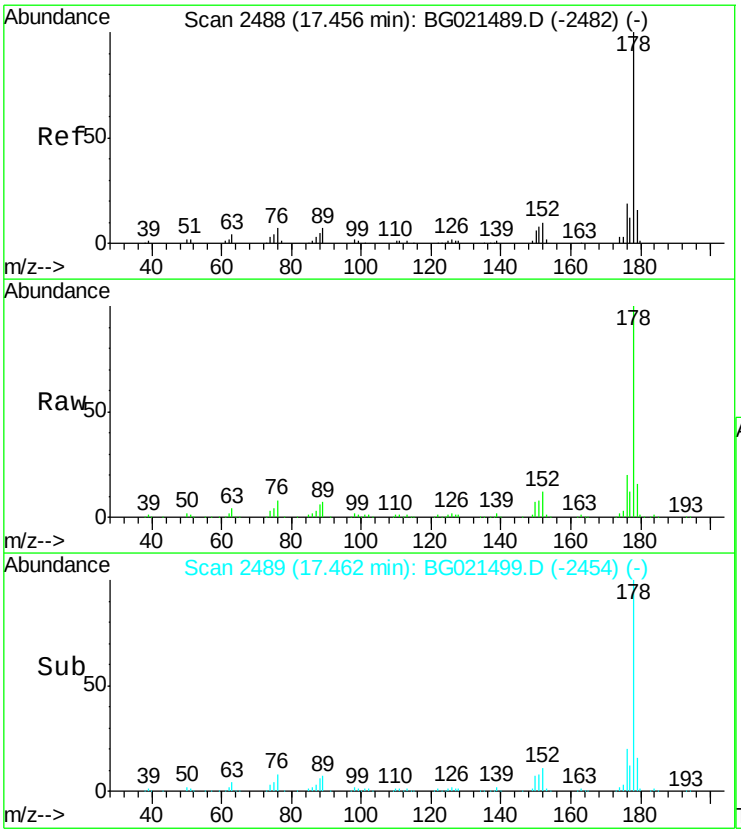

#65
N-Nitrosodiphenylamine
Concen: 7.30 ng/ul
RT: 15.92 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:169 Resp: 386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 196.6 | 51.2 | 76.8# |
| 167 | 104.4 | 28.6 | 43.0# |

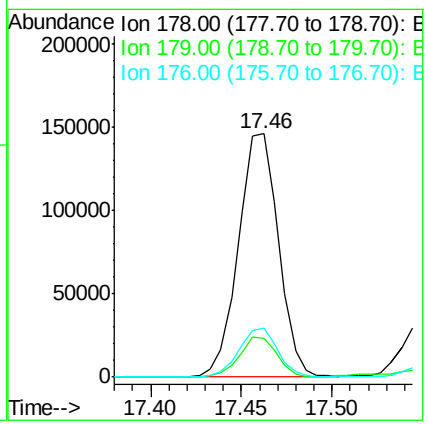


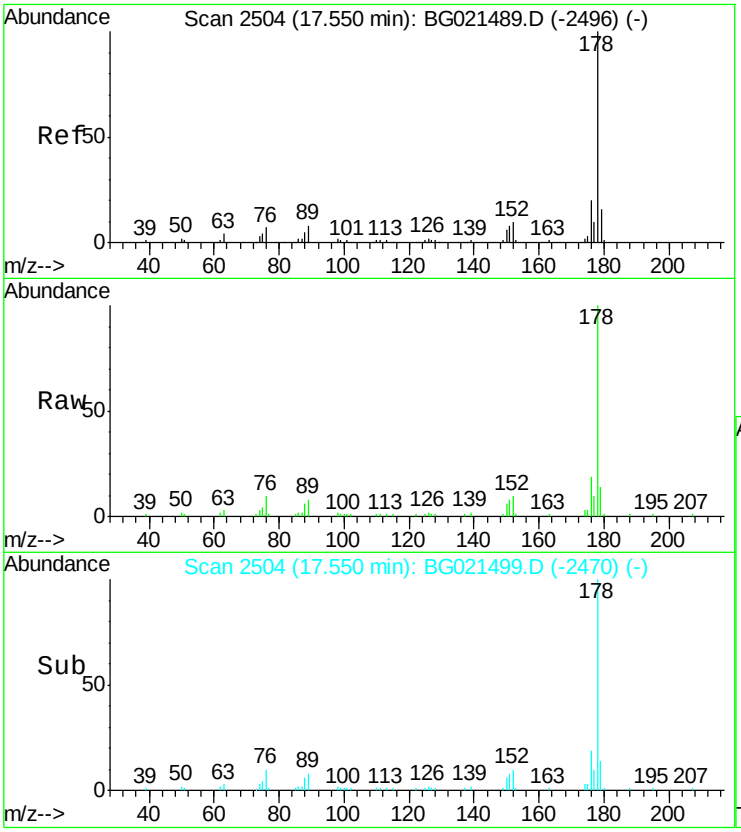




#70
Phenanthrene
Concen: 2325.61 ng/ul
RT: 17.46 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:178 Resp: 224945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.2 | 11.8 | 17.8 |
| 176 | 20.3 | 14.8 | 22.2 |



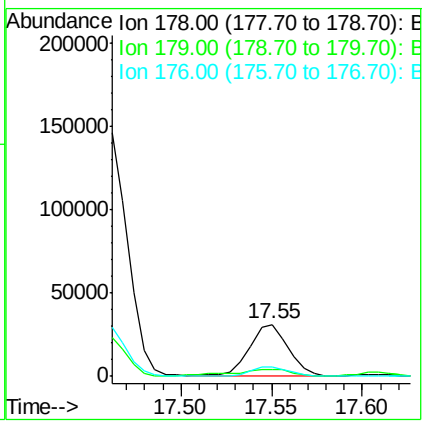


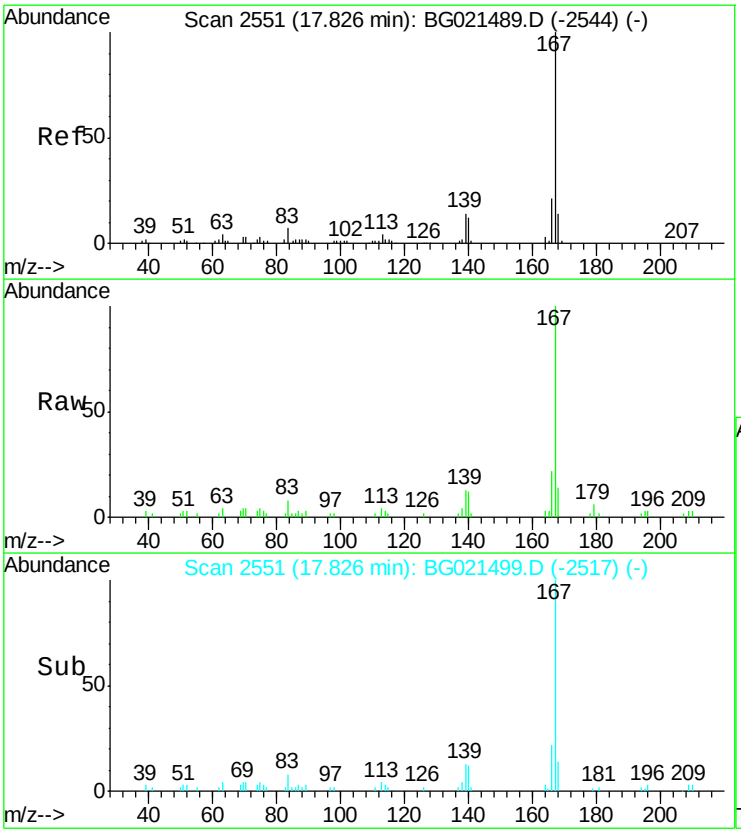

#72
Anthracene
Concen: 475.08 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:178 Resp: 46757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.3 | 12.9 | 19.3 |
| 176 | 18.8 | 15.6 | 23.4 |

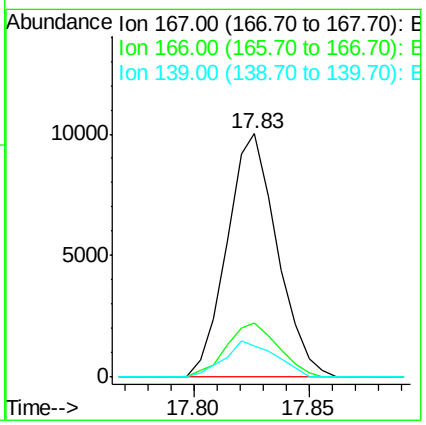


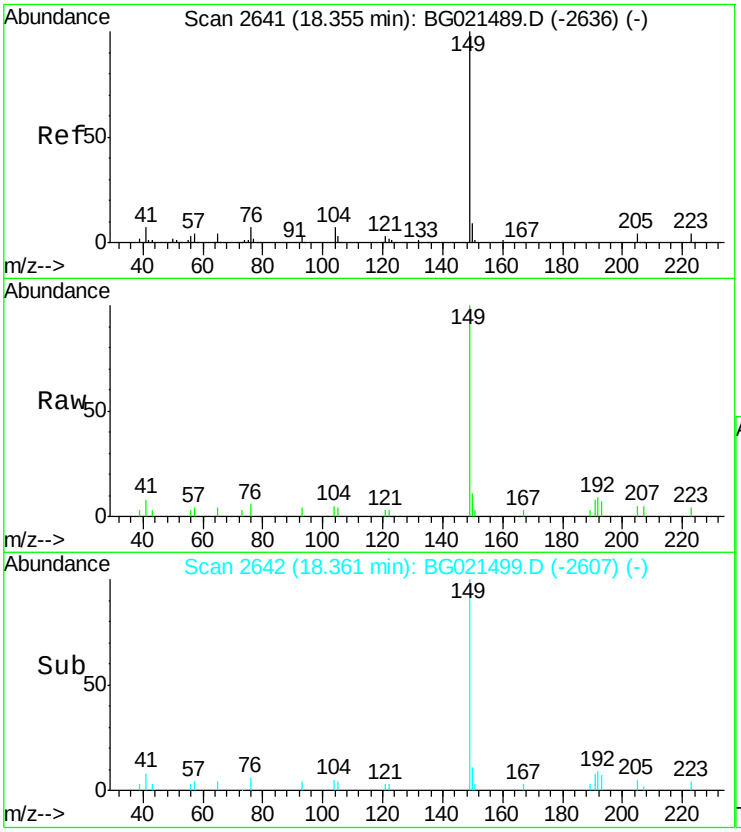




#75
Carbazole
Concen: 177.55 ng/ul
RT: 17.83 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:167 Resp: 15118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 19.0 | 28.4 |
| 139 | 12.8 | 12.2 | 18.4 |



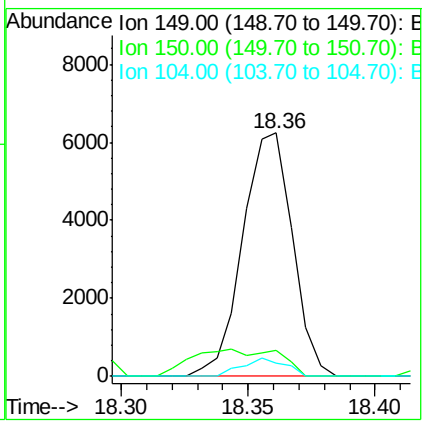


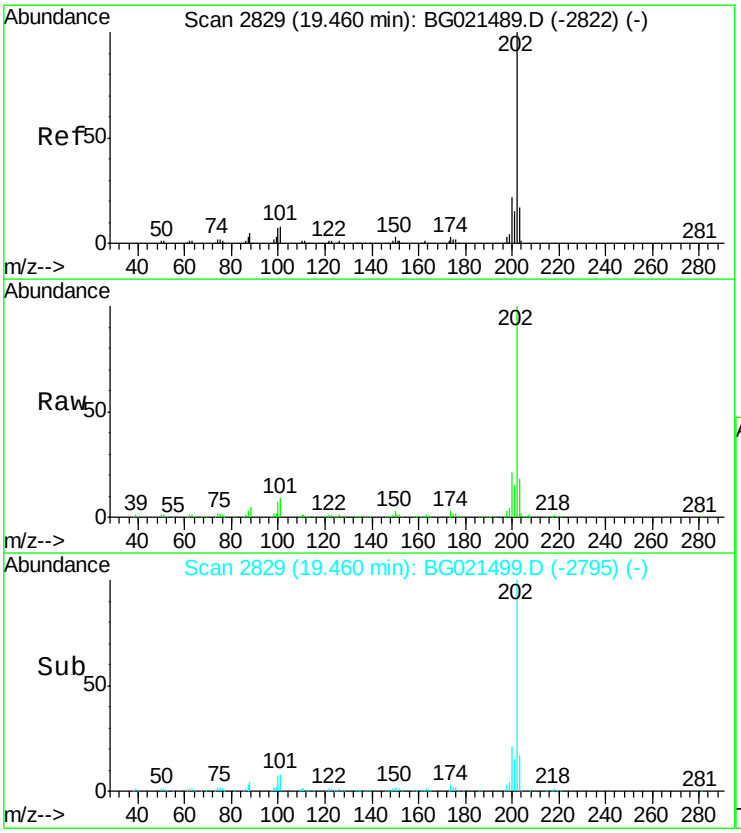

#76
Di-n-butylphthalate
Concen: 77.93 ng/ul
RT: 18.36 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:149 Resp: 8561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.7 | 7.5 | 11.3 |
| 104 | 5.4 | 5.4 | 8.2 |

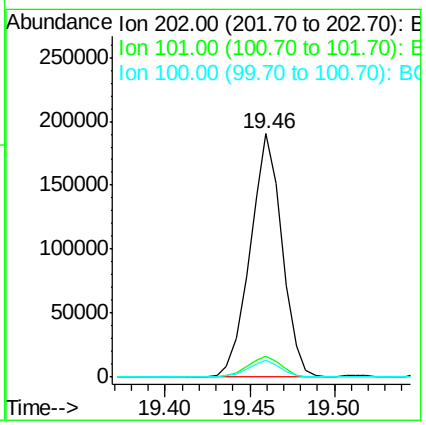


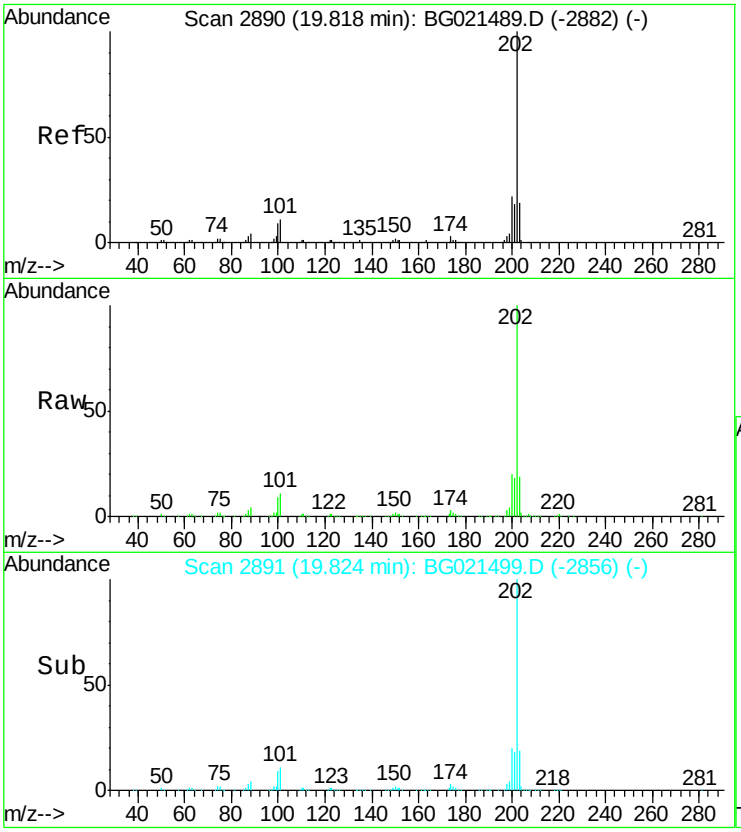




#77
Fluoranthene
Concen: 2134.88 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:202 Resp: 249203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.7 | 8.9 | 13.3# |
| 100 | 6.9 | 7.0 | 10.4# |



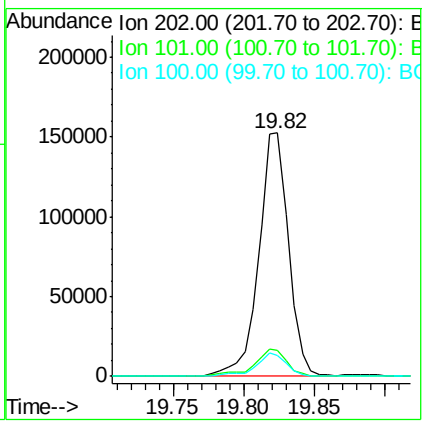


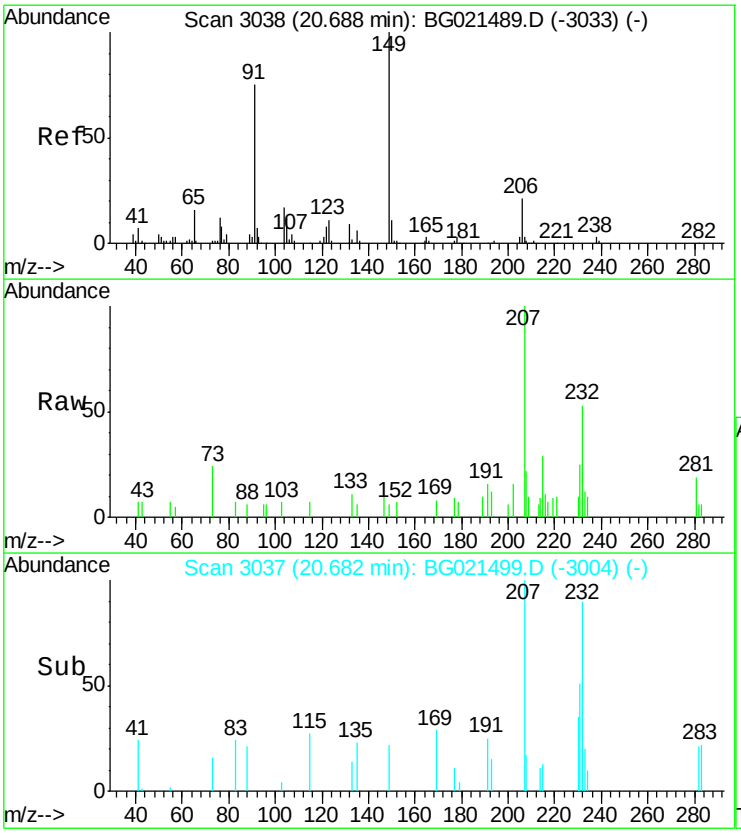

#80
Pyrene
Concen: 1621.61 ng/ul
RT: 19.82 min  Scan# 2891
Delta R.T.  0.01 min
Lab File:  BG021499.D
Acq: 25 Mar 2016  00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:202 Resp:  226769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 9.8 | 14.8 |
| 100 | 8.7 | 9.3 | 13.9# |

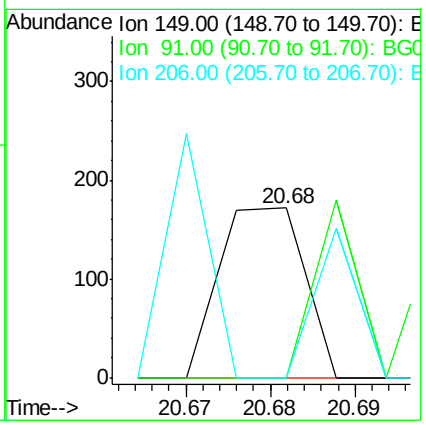


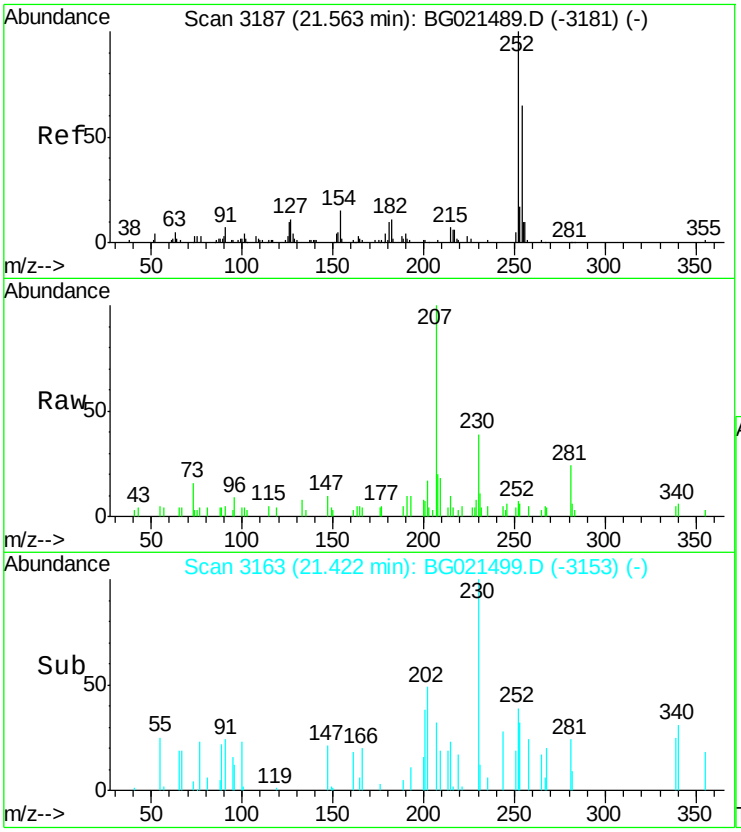




#81
Butylbenzylphthalate
Concen:  2.03 ng/ul
RT: 20.68 min  Scan# 3037
Delta R.T.  -0.01 min
Lab File:  BG021499.D
Acq: 25 Mar 2016  00:22

Tgt Ion:149 Resp:  120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 65.8 | 98.8# |
| 206 | 0.0 | 15.5 | 23.3# |



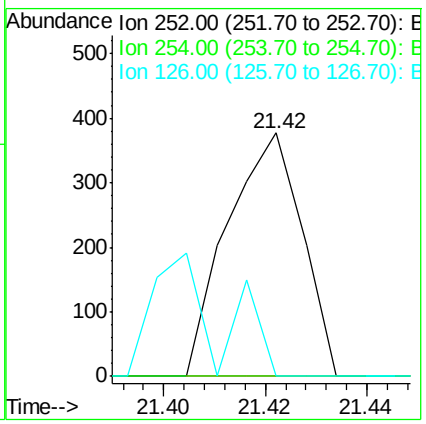


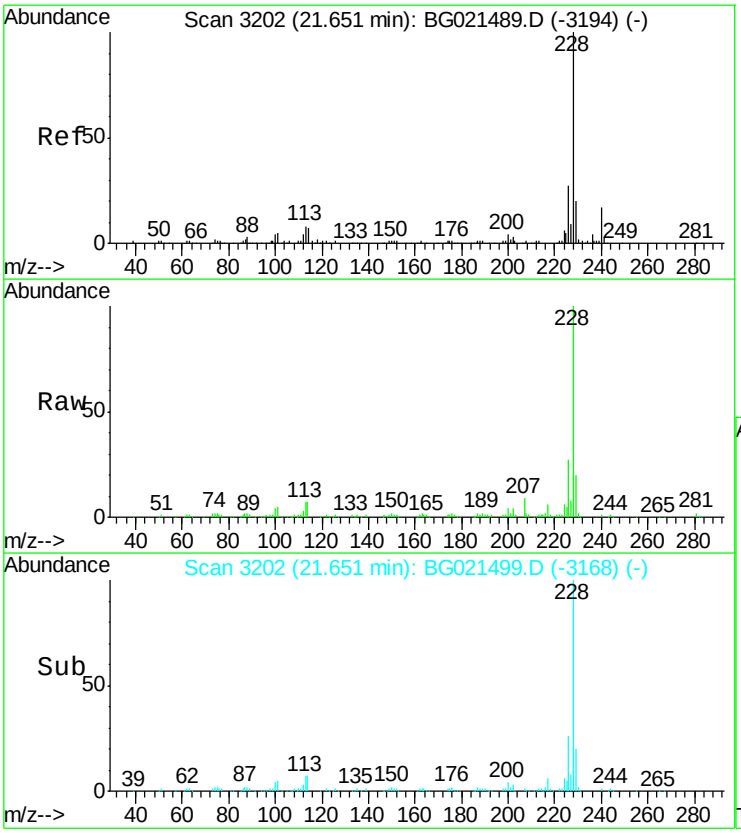

#82
3,3'-Dichlorobenzidine
Concen: 7.87 ng/ul
RT: 21.42 min Scan# 3163
Delta R.T. -0.14 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:252 Resp: 383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 0.0 | 52.8 | 79.2# |
| 126 | 0.0 | 9.8 | 14.8# |

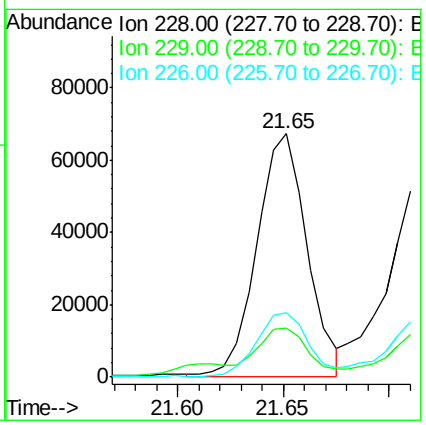


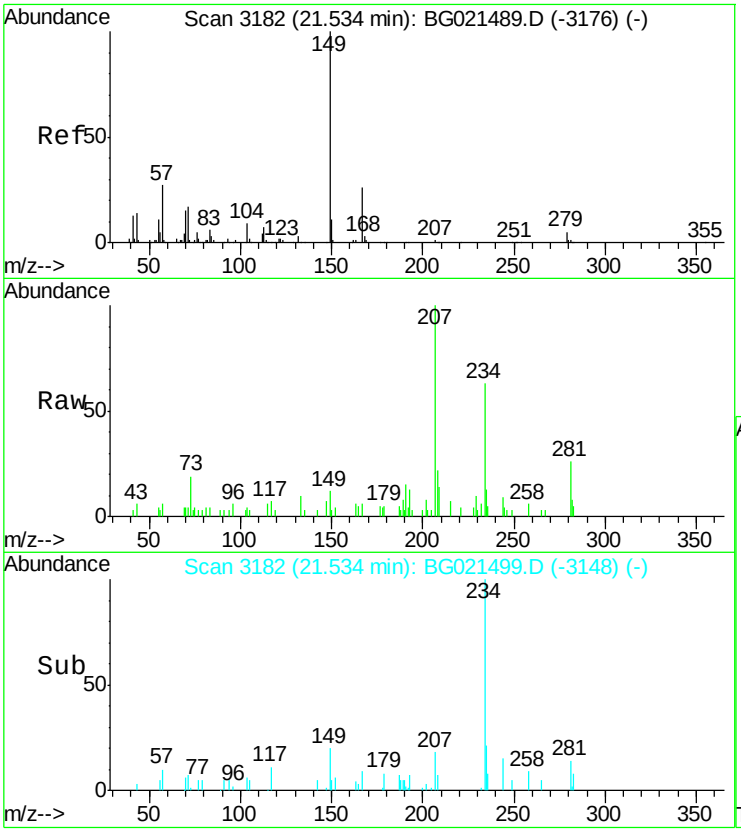




#83
Benzo(a)anthracene
Concen: 785.36 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:228 Resp: 111268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.3 | 16.6 | 25.0 |
| 226 | 26.6 | 21.0 | 31.4 |



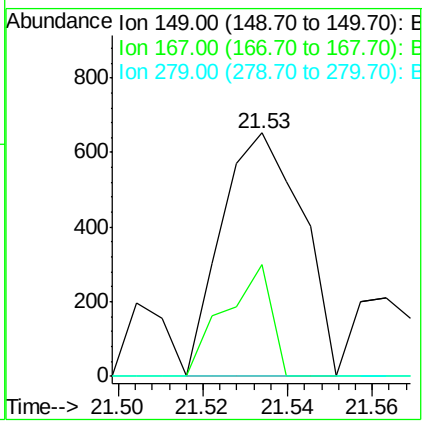


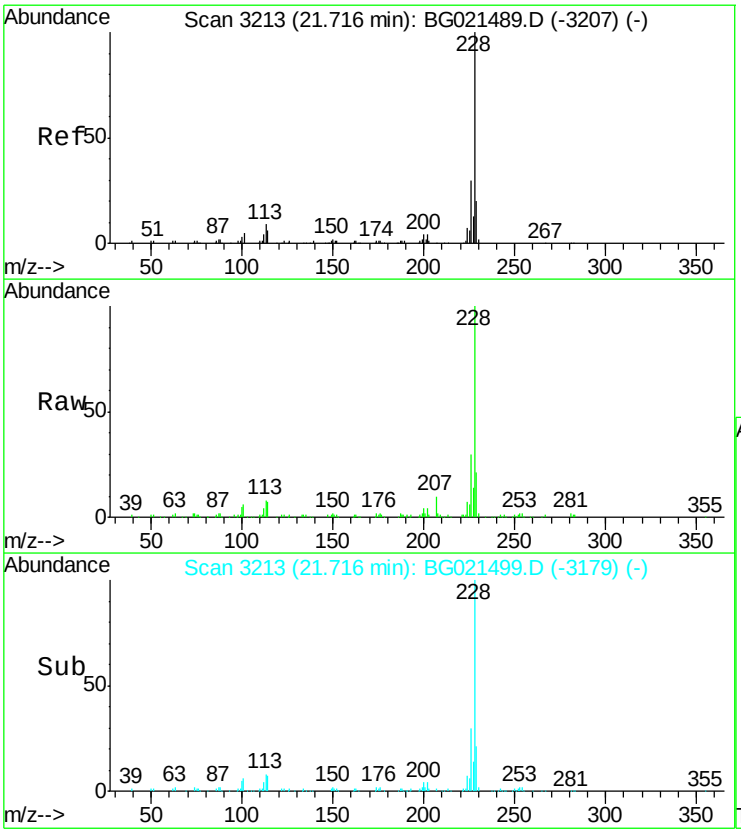

#84
Bis(2-ethylhexyl)phthalate
Concen: 10.00 ng/ul
RT: 21.53 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:149 Resp: 864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 45.8 | 20.5 | 30.7# |
| 279 | 0.0 | 3.7 | 5.5# |

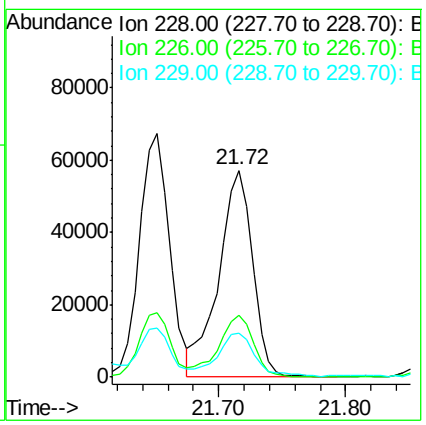


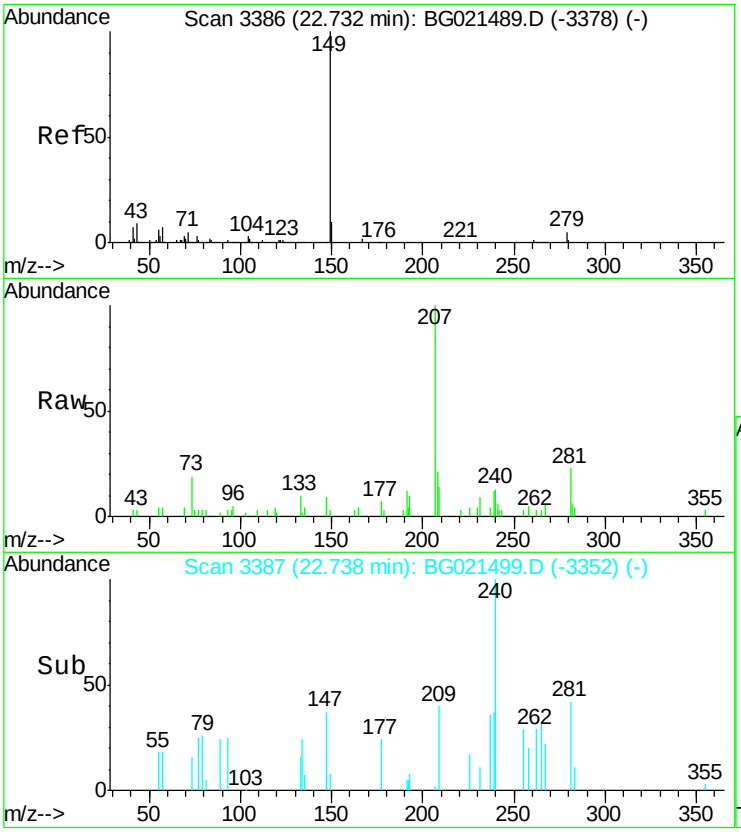




#85
Chrysene
Concen: 785.46 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:228 Resp: 105391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.4 | 35.2 |
| 229 | 21.2 | 16.2 | 24.2 |

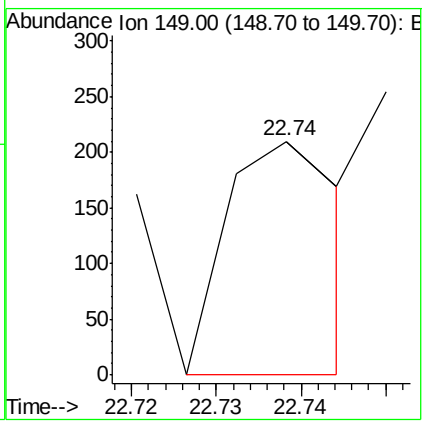


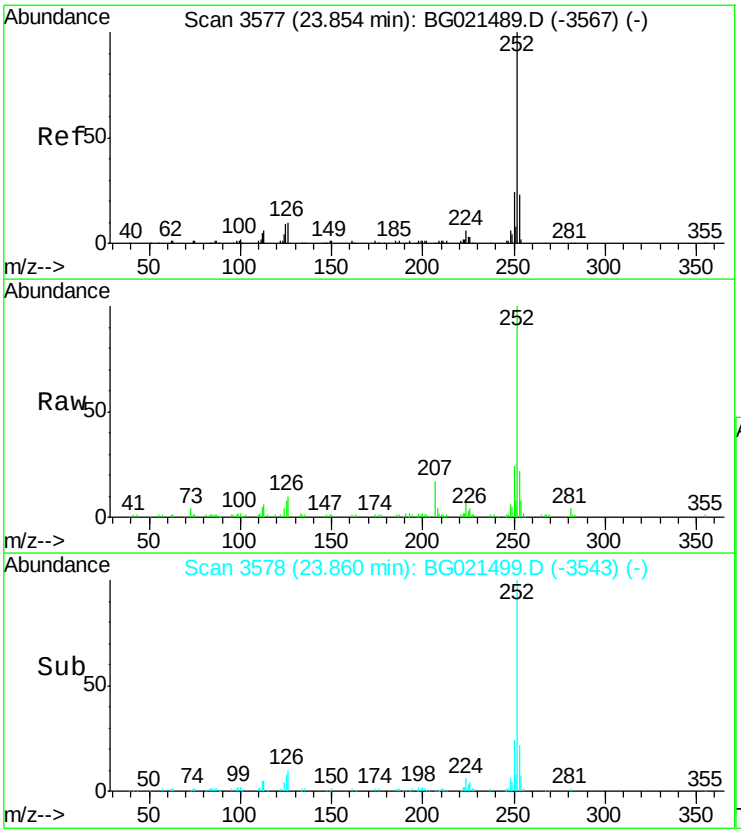



#87
Di-n-octyl phthalate
Concen: 1.22 ng/ul
RT: 22.74 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:149 Resp: 197

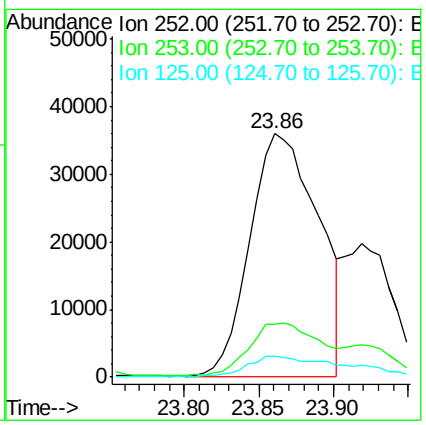


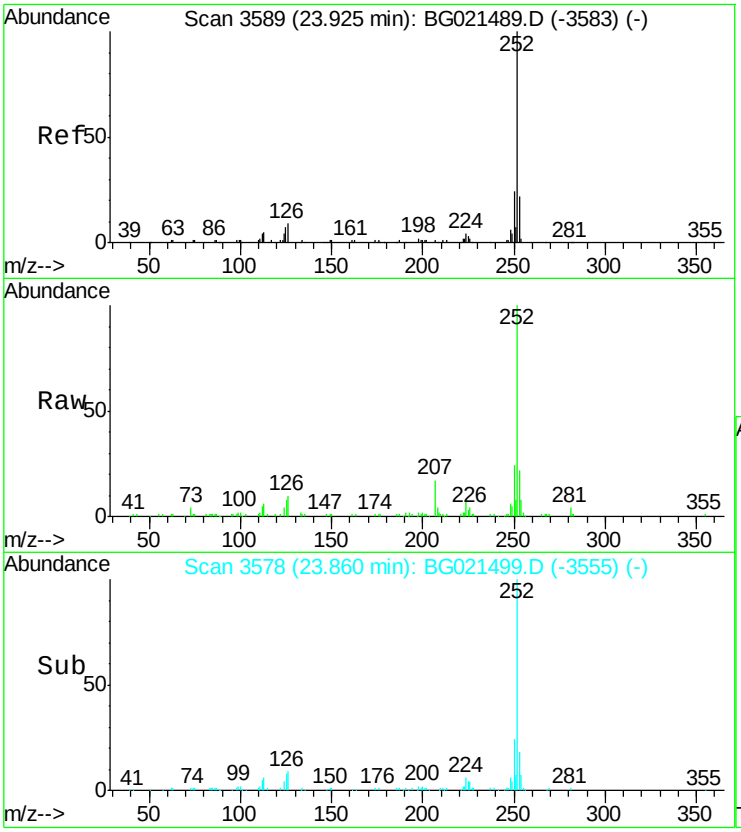




#88
Benzo(b)fluoranthene
Concen: 750.71 ng/ul
RT: 23.86 min Scan# 3578
Delta R.T. 0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:252 Resp: 114670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.1 | 27.1 |
| 125 | 8.4 | 7.6 | 11.4 |



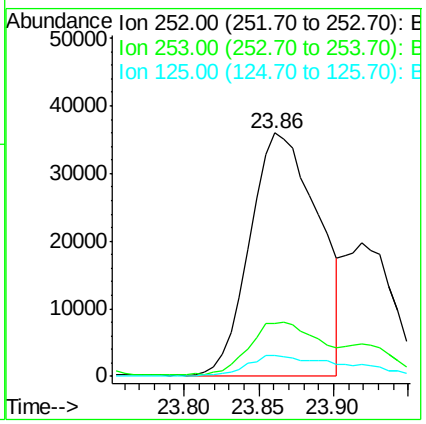


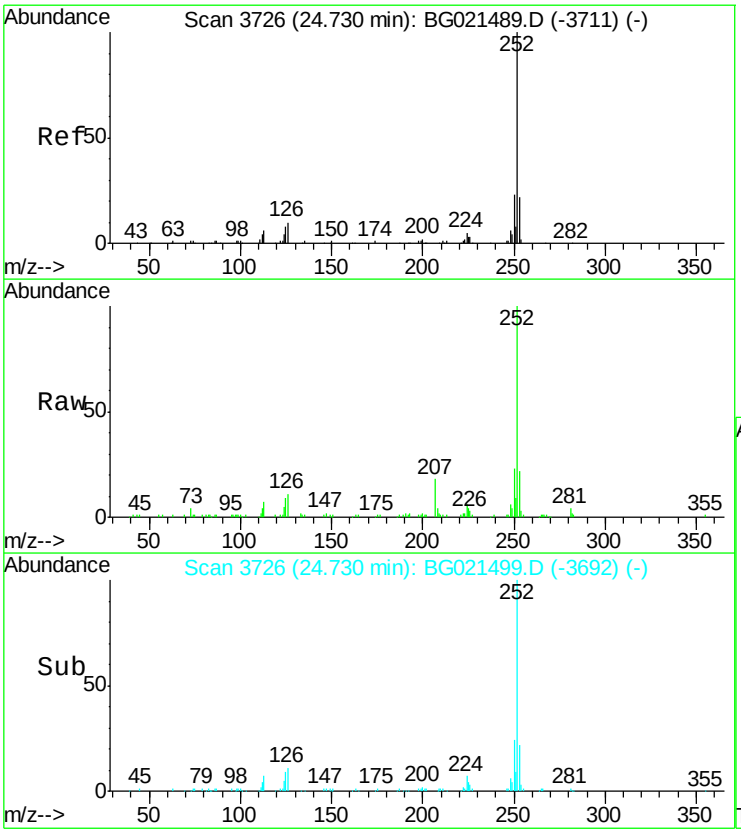

#89
Benzo(k)fluoranthene
Concen: 764.24 ng/ul
RT: 23.86 min Scan# 3578
Delta R.T. -0.06 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:252 Resp: 114670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.8 |
| 125 | 8.4 | 7.7 | 11.5 |

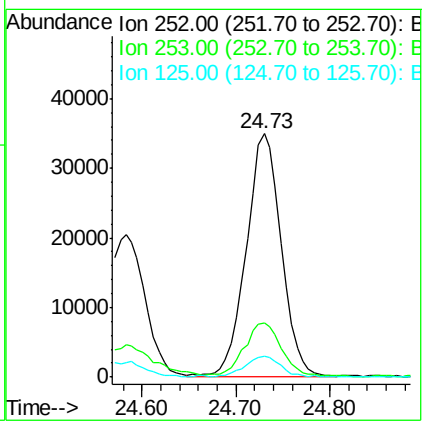


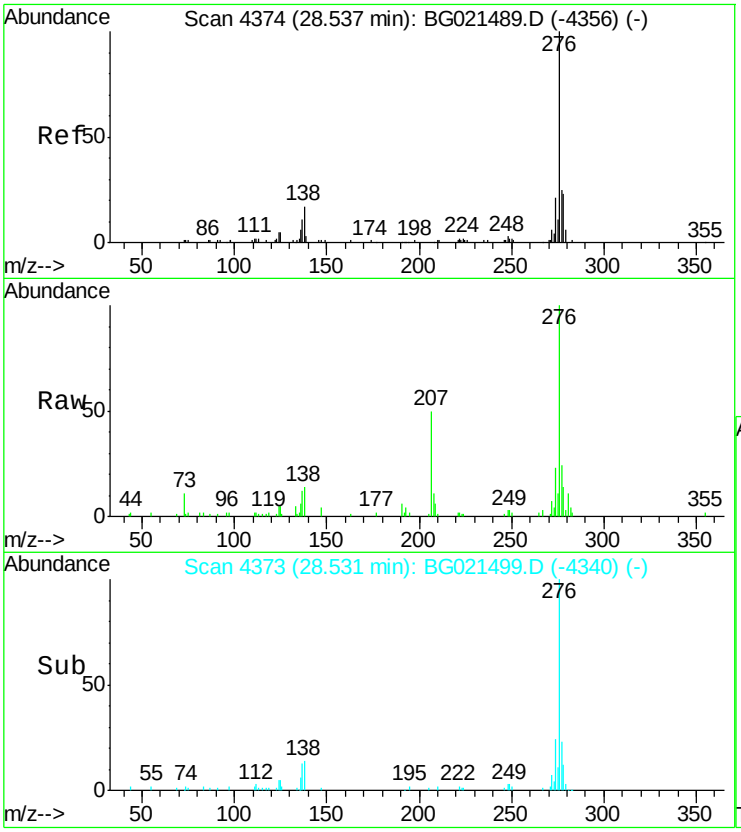




#91
Benzo(a)pyrene
Concen: 609.55 ng/ul
RT: 24.73 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:252 Resp: 90387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.0 |
| 125 | 8.6 | 8.2 | 12.2 |



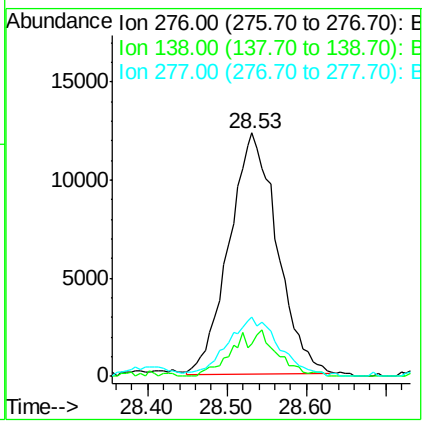


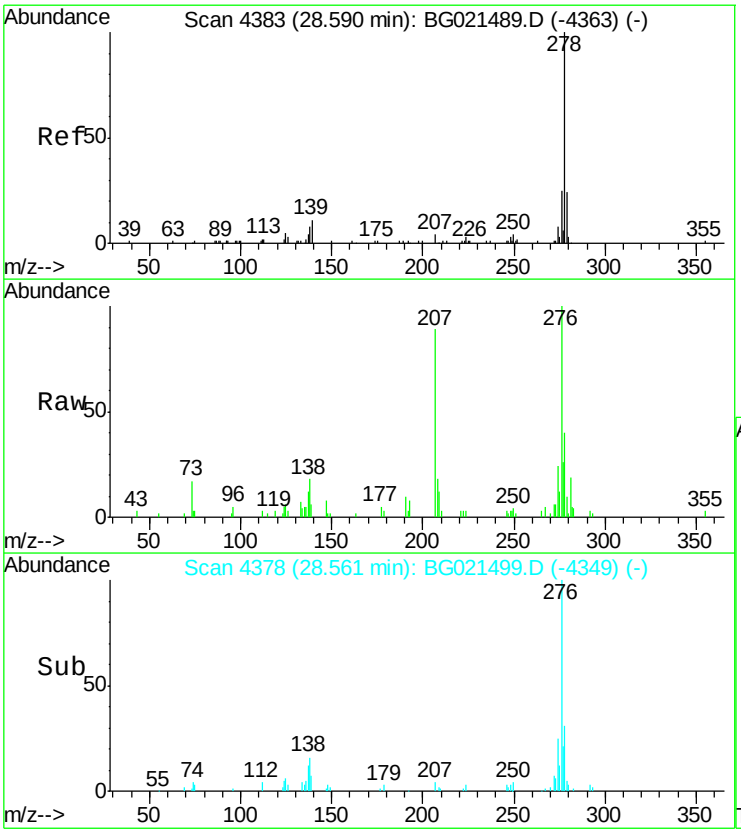

#92
Indeno(1,2,3-cd)pyrene
Concen: 307.87 ng/ul
RT: 28.53 min Scan# 4373
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:276 Resp: 51884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.5 | 15.8 | 23.6# |
| 277 | 24.5 | 19.0 | 28.6 |

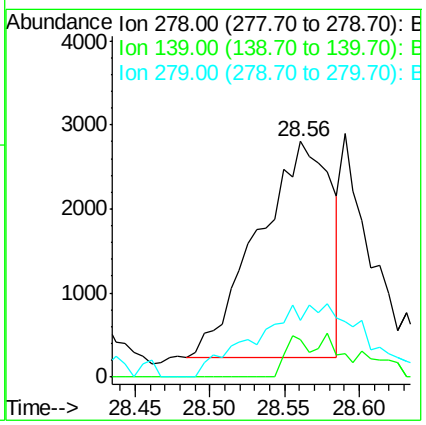


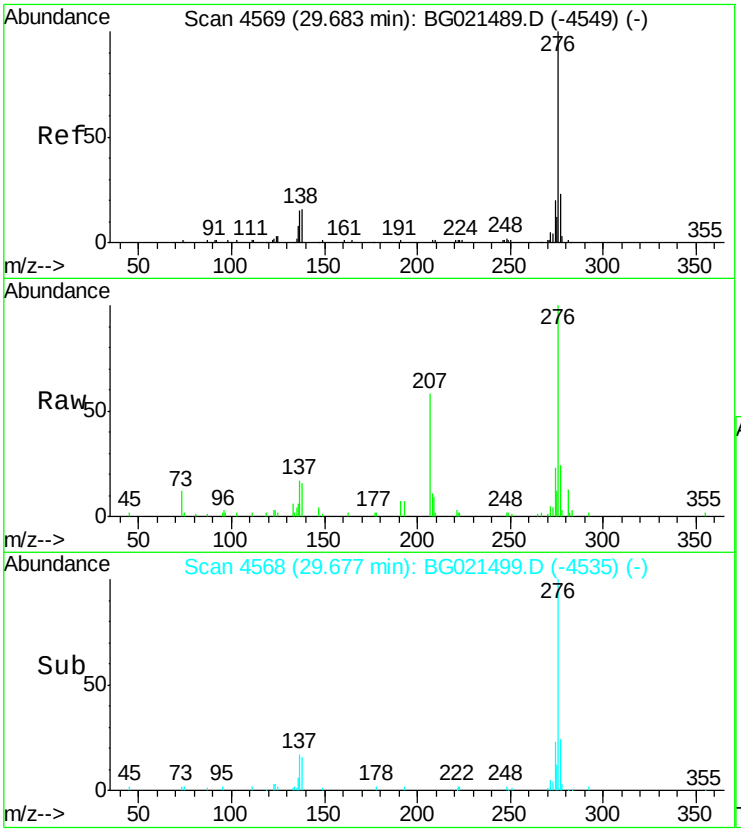




#93
Dibenzo(a,h)anthracene
Concen: 61.12 ng/ul
RT: 28.56 min Scan# 4378
Delta R.T. -0.03 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

Tgt Ion:278 Resp: 8763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.0 | 12.1 | 18.1 |
| 279 | 24.3 | 19.8 | 29.8 |






#94
Benzo(g,h,i)perylene
Concen: 345.76 ng/ul
RT: 29.68 min Scan# 4568
Delta R.T. -0.01 min
Lab File: BG021499.D
Acq: 25 Mar 2016 00:22

**Instrument :**
BNA_G
**ClientSampleId :**
A4T51

Tgt Ion:276 Resp: 47916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.8 | 13.9 | 20.9 |
| 277 | 24.1 | 19.8 | 29.6 |