Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019235.D
Acq On : 16 Oct 2015 22:37
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK2

Quant Time: Oct 19 00:29:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.01 | 152 | 27643 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.82 | 136 | 112305 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.66 | 164 | 68273 | 20.00 | ng/ul | 0.03 |
| 62) Phenanthrene-d10 | 17.44 | 188 | 151108 | 20.00 | ng/ul | 0.05 |
| 78) Chrysene-d12 | 21.74 | 240 | 169182 | 20.00 | ng/ul | 0.08 |
| 86) Perylene-d12 | 24.94 | 264 | 509 | 20.00 | ng/ul | 0.09 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.45 | 96 | 1072 | 2.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.20 | 99 | 35203 | 14.59 | ng/ul | 0.03 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.33 | 67 | 23450 | 15.11 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 28164 | 16.02 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 29896 | 14.63 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5 | 9.17 | 128 | 15157 | 17.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.90 | 143 | 16479 | 17.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.46 | 165 | 28329 | 15.58 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4 | 10.97 | 131 | 4725 | 2.02 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6 | 14.05 | 166 | 8246 | 1.38 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.36 | 160 | 101750 | 15.76 | ng/ul | 0.03 |
| 52) 4-Nitrophenol-d4 | 14.87 | 143 | 3349 | 3.12 | ng/ul | 0.04 |
| 58) Fluorene-d10 | 15.65 | 176 | 191259 | 37.48 | ng/ul | 0.03 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 2801 | 3.00 | ng/ul | 0.05 |
| 71) Anthracene-d10 | 17.54 | 188 | 140682 | 19.71 | ng/ul | 0.06 |
| 79) Pyrene-d10 | 19.83 | 212 | 160072 | 20.86 | ng/ul | 0.07 |
| 90) Benzo(a)pyrene-d12 | 24.72 | 264 | 10112 | 393.25 | ng/ul | 0.09 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.83 | 105 | 9194 | 2.66 | ng/ul# | 51 |
| 17) Hexachloroethane | 9.12 | 117 | 1334 | 1.72 | ng/ul# | 1 |
| 24) 2,4-Dimethylphenol | 10.01 | 107 | 125678 | 53.16 | ng/ul | 86 |
| 28) Naphthalene | 10.87 | 128 | 154609 | 26.34 | ng/ul | 97 |
| 33) 4-Chloro-3-methylphenol | 12.08 | 107 | 13188 | 5.70 | ng/ul# | 20 |
| 34) 2-Methylnaphthalene | 12.48 | 142 | 177623 | 38.17 | ng/ul | 100 |
| 35) 1-Methylnaphthalene | 12.70 | 142 | 180541 | 39.62 | ng/ul# | 99 |
| 41) 1,1'-Biphenyl | 13.49 | 154 | 95243 | 17.87 | ng/ul | 94 |
| 42) 2-Chloronaphthalene | 13.53 | 162 | 5623 | 1.36 | ng/ul# | 1 |
| 43) 2-Nitroaniline | 13.73 | 65 | 23650 | 14.67 | ng/ul# | 57 |
| 45) Dimethylphthalate | 14.14 | 163 | 59228 | 9.85 | ng/ul# | 5 |
| 46) 2,6-Dinitrotoluene | 14.19 | 165 | 1167 | 1.02 | ng/ul# | 1 |
| 48) Acenaphthylene | 14.39 | 152 | 22139 | 3.11 | ng/ul# | 7 |
| 50) Acenaphthene | 14.73 | 153 | 80880 | 16.97 | ng/ul# | 90 |
| 51) 2,4-Dinitrophenol | 14.79 | 184 | 1703 | 2.59 | ng/ul# | 1 |
| 53) 4-Nitrophenol | 14.90 | 109 | 145376 | 123.88 | ng/ul# | 1 |
| 54) Dibenzofuran | 15.07 | 168 | 466264 | 69.21 | ng/ul# | 81 |
| 55) 2,4-Dinitrotoluene | 15.04 | 165 | 31896 | 17.14 | ng/ul# | 1 |
| 57) Diethylphthalate | 15.44 | 149 | 64719 | 10.37 | ng/ul# | 73 |
| 59) Fluorene | 15.73 | 166 | 407891 | 70.75 | ng/ul# | 97 |
| 61) 4-Nitroaniline | 15.73 | 138 | 10898 | 8.37 | ng/ul# | 75 |
| 65) N-Nitrosodiphenylamine | 15.93 | 169 | 33234 | 8.00 | ng/ul# | 76 |
| 68) Atrazine | 16.92 | 200 | 30888 | 15.47 | ng/ul# | 1 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019235.D
Acq On : 16 Oct 2015 22:37
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK2

Quant Time: Oct 19 00:29:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 70) Phenanthrene | 17.49 | 178 | 1699175 | 201.39 | ng/ul# | 85 |
| 72) Anthracene | 17.58 | 178 | 329795 | 38.47 | ng/ul# | 84 |
| 77) Fluoranthene | 19.50 | 202 | 814081 | 77.08 | ng/ul | 95 |
| 80) Pyrene | 19.87 | 202 | 917269 | 91.35 | ng/ul# | 93 |
| 81) Butylbenzylphthalate | 20.77 | 149 | 6432 | 1.76 | ng/ul# | 1 |
| 83) Benzo(a)anthracene | 21.71 | 228 | 229048 | 23.97 | ng/ul# | 76 |
| 85) Chrysene | 21.78 | 228 | 265622 | 29.39 | ng/ul# | 78 |
| 87) Di-n-octyl phthalate | 22.82 | 149 | 557 | 20.56 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 432 | 14.96 | ng/ul# | 1 |
| 89) Benzo(k)fluoranthene | 24.00 | 252 | 157872 | 5573.03 | ng/ul# | 72 |
| 91) Benzo(a)pyrene | 24.74 | 252 | 72294 | 2604.25 | ng/ul# | 64 |
| 92) Indeno(1,2,3-cd)pyrene | 28.60 | 276 | 280 | 8.50 | ng/ul# | 1 |
| 93) Dibenzo(a,h)anthracene | 28.67 | 278 | 231 | 8.04 | ng/ul# | 1 |
| 94) Benzo(g,h,i)perylene | 29.74 | 276 | 580 | 21.40 | ng/ul# | 1 |

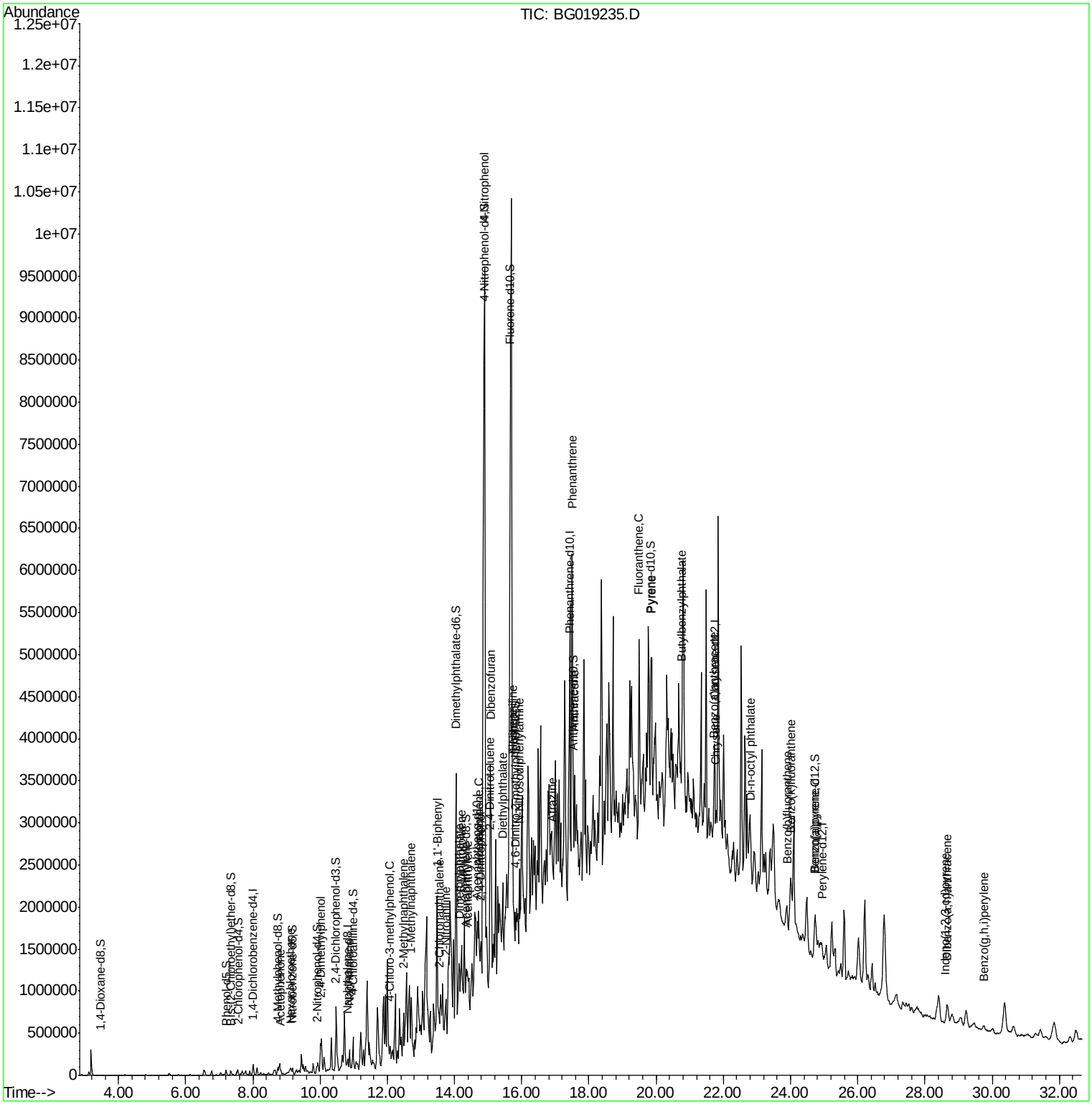
(#) = qualifier out of range (m) = manual integration (+) = signals summed

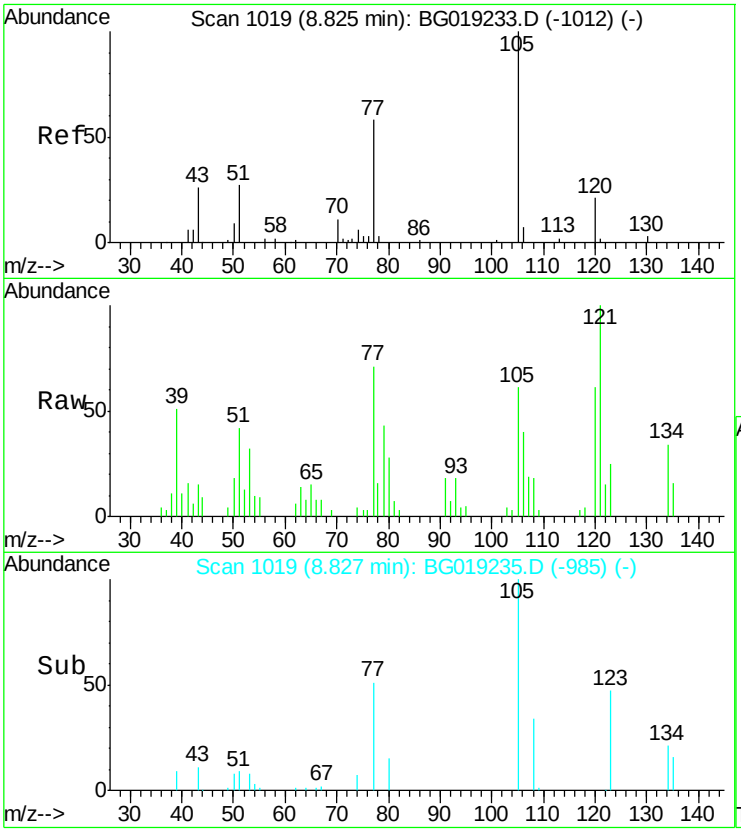
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019235.D
Acq On : 16 Oct 2015 22:37
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Quant Time: Oct 19 00:29:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration



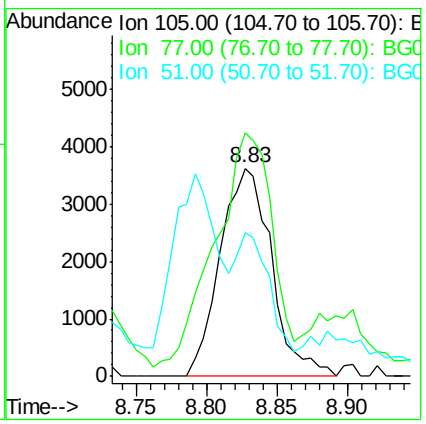


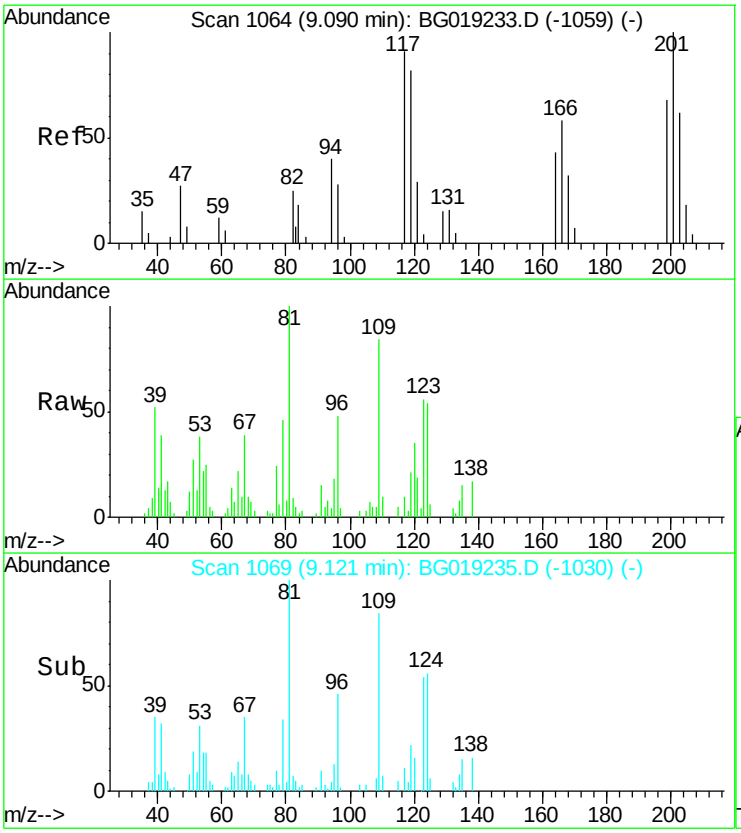

#14
Acetophenone
Concen: 2.66 ng/ul
RT: 8.83 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:105 Resp: 9194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 117.1 | 63.8 | 95.6# |
| 51 | 69.1 | 26.1 | 39.1# |

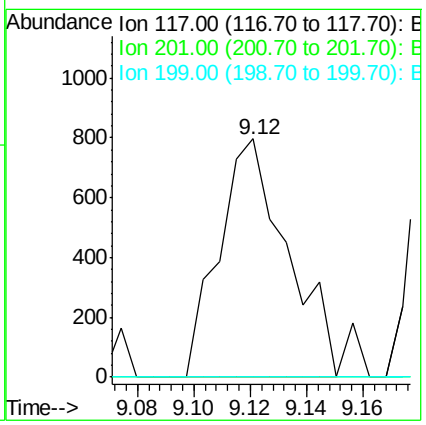


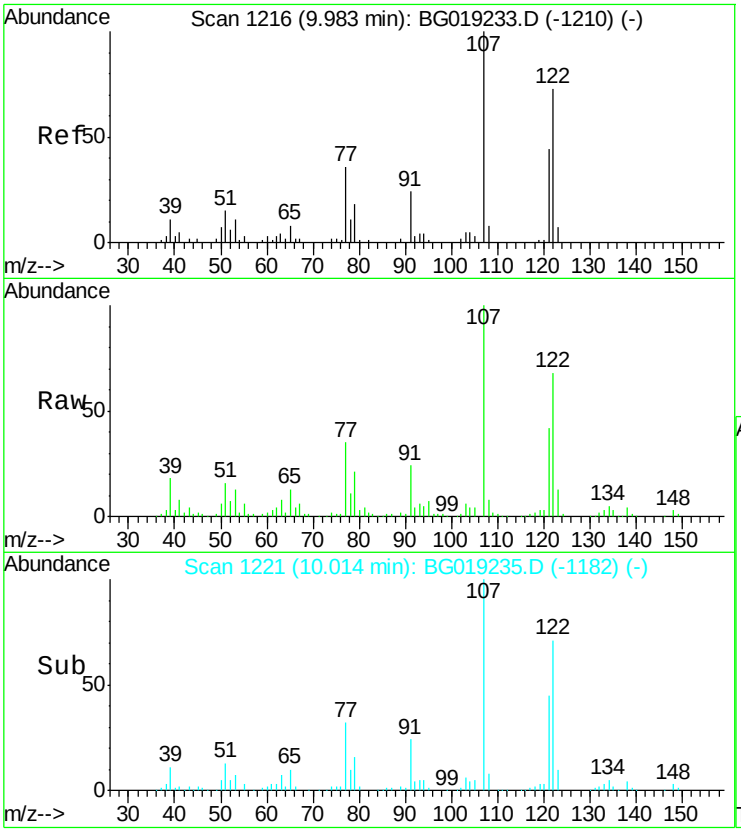




#17
Hexachloroethane
Concen: 1.72 ng/ul
RT: 9.12 min Scan# 1069
Delta R.T. 0.03 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:117 Resp: 1334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 91.4 | 137.0# |
| 199 | 0.0 | 58.7 | 88.1# |



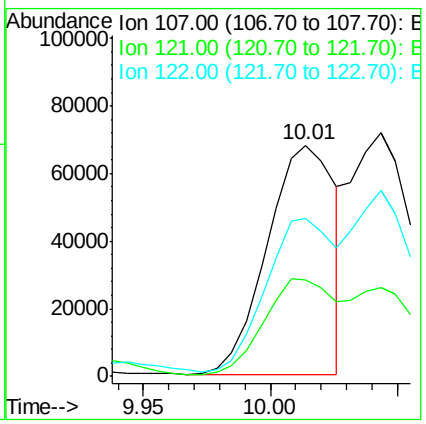


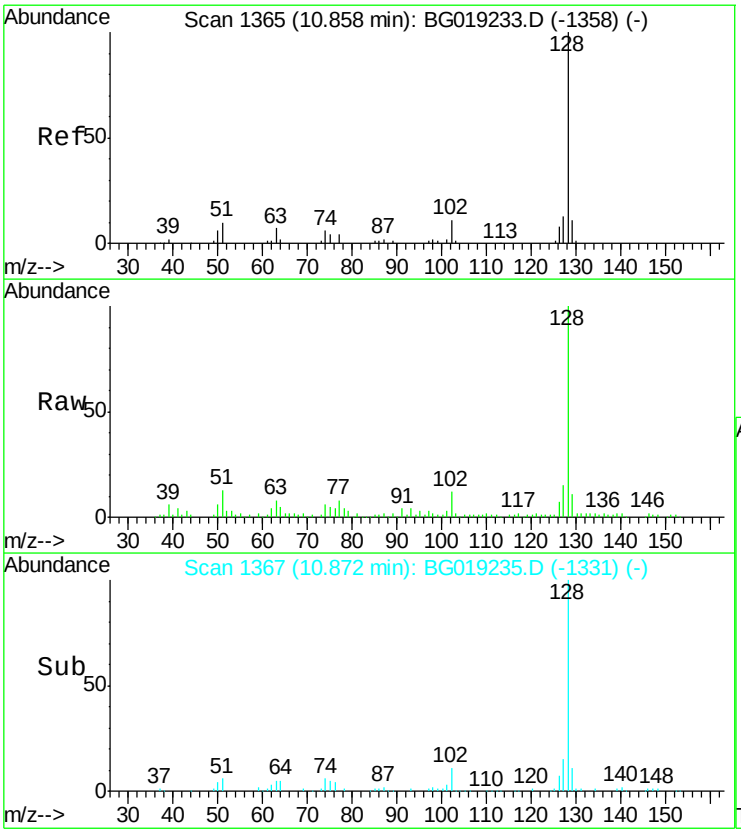

#24
2,4-Dimethylphenol
Concen: 53.16 ng/ul
RT: 10.01 min Scan# 1221
Delta R.T. 0.03 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:107 Resp: 125678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 41.9 | 37.2 | 55.8 |
| 122 | 68.3 | 67.6 | 101.4 |

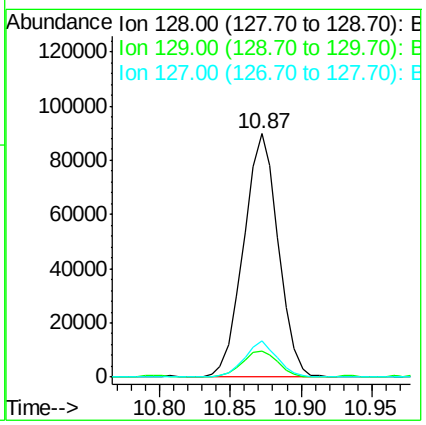


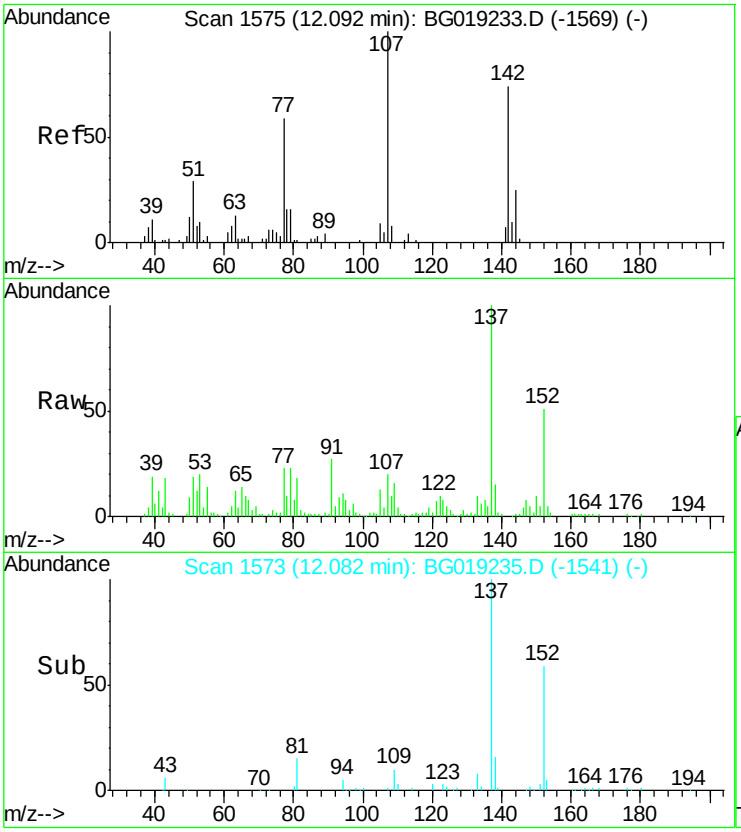




#28
Naphthalene
Concen: 26.34 ng/ul
RT: 10.87 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:128 Resp: 154609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.6 | 14.4 |
| 127 | 15.0 | 11.3 | 16.9 |



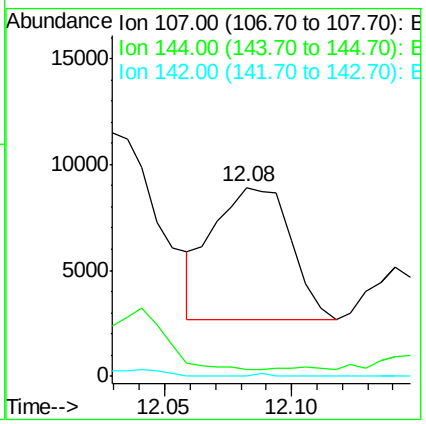


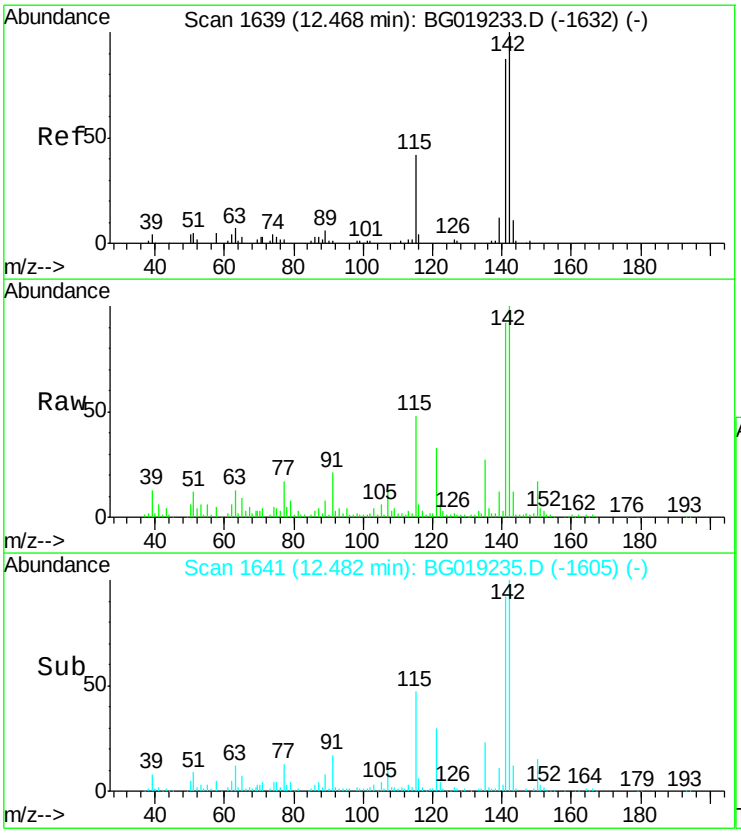

#33
4-Chloro-3-methylphenol
Concen: 5.70 ng/ul
RT: 12.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:107 Resp: 13188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 3.6 | 20.9 | 31.3# |
| 142 | 0.0 | 65.6 | 98.4# |

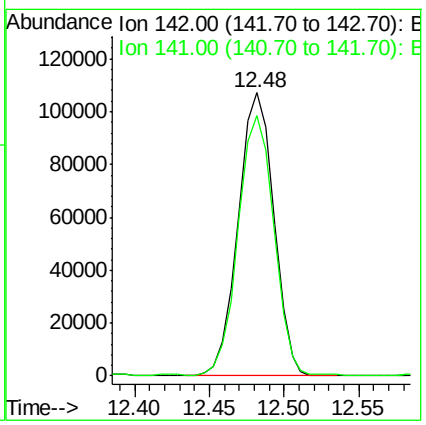


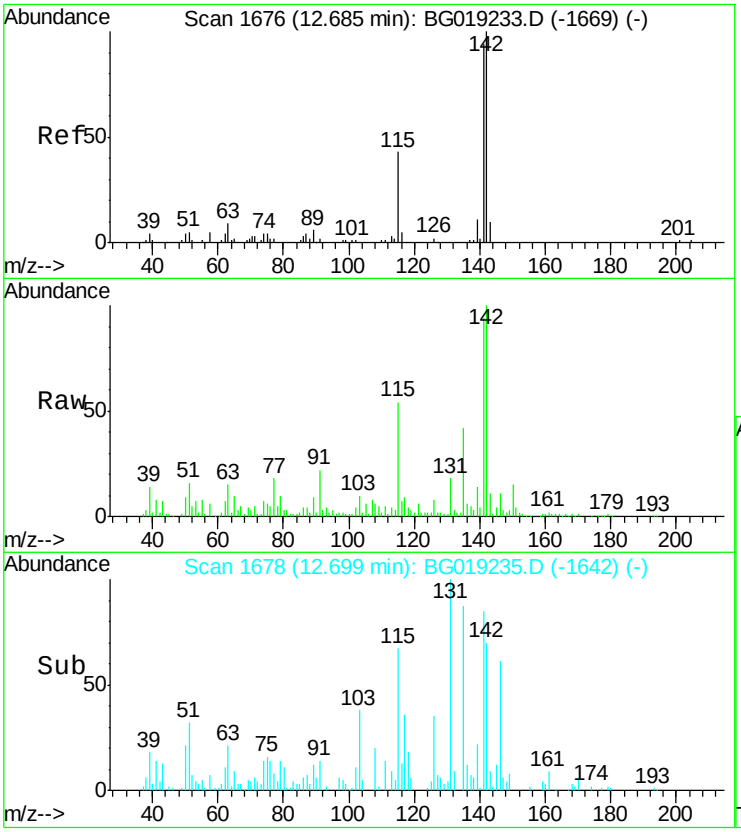




#34
2-Methylnaphthalene
Concen: 38.17 ng/ul
RT: 12.48 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:142 Resp: 177623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.9 | 73.4 | 110.0 |



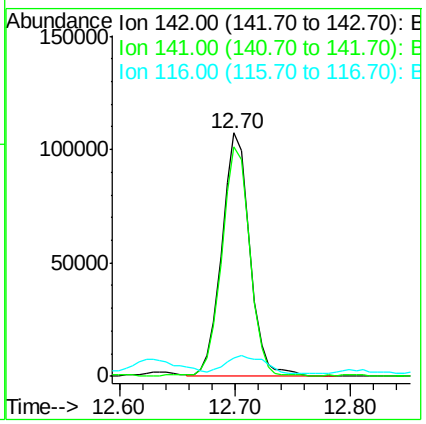


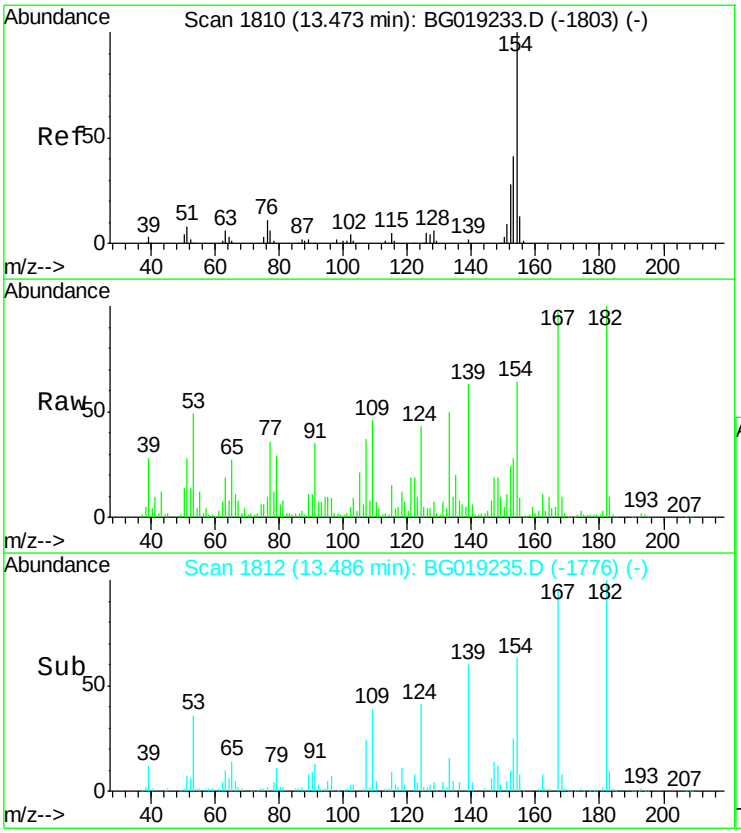

#35
1-Methylnaphthalene
Concen: 39.62 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:142 Resp: 180541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.2 | 74.8 | 112.2 |
| 116 | 7.4 | 3.2 | 4.8# |

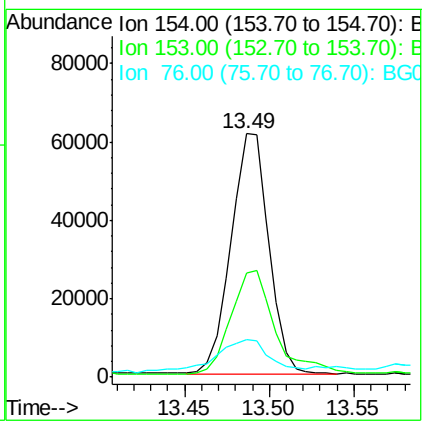


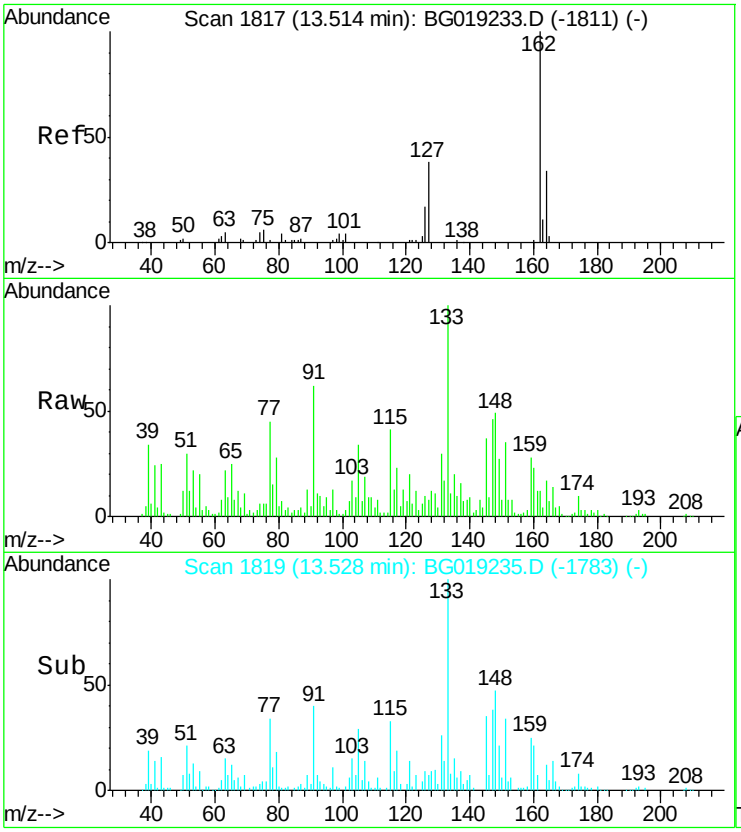




#41
1,1'-Biphenyl
Concen: 17.87 ng/ul
RT: 13.49 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:154 Resp: 95243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.9 | 31.4 | 47.0 |
| 76 | 15.6 | 10.8 | 16.2 |



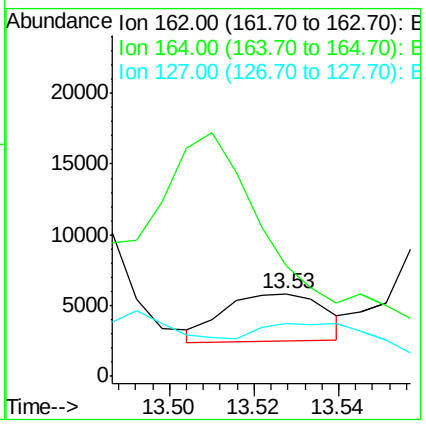


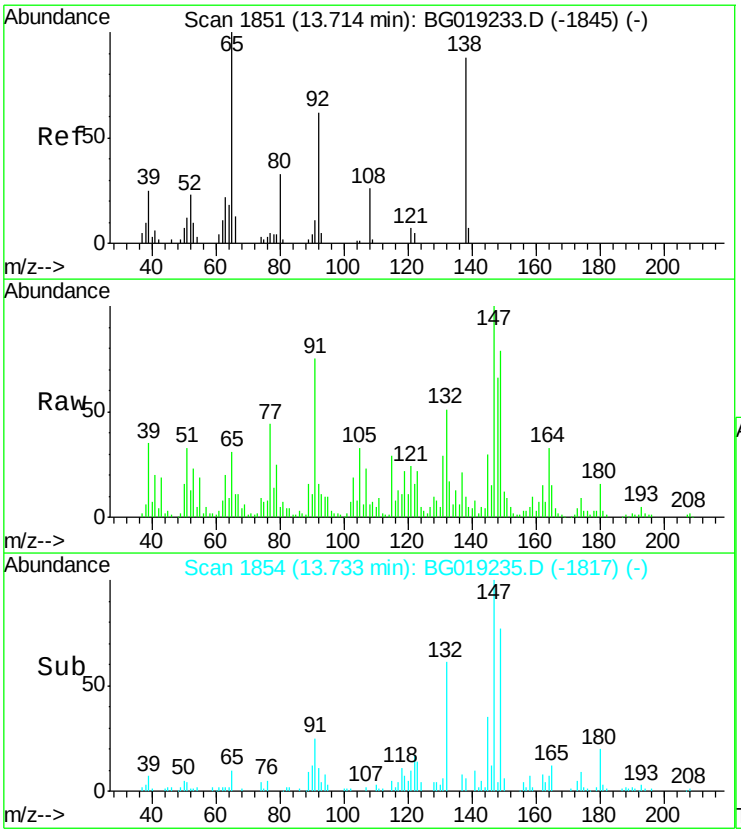

#42
2-Chloronaphthalene
Concen: 1.36 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:162 Resp: 5623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 133.2 | 25.8 | 38.8# |
| 127 | 63.9 | 29.0 | 43.4# |

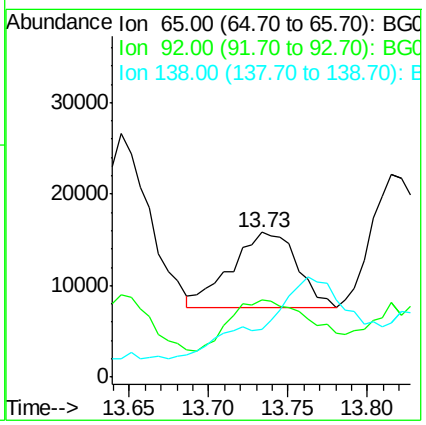


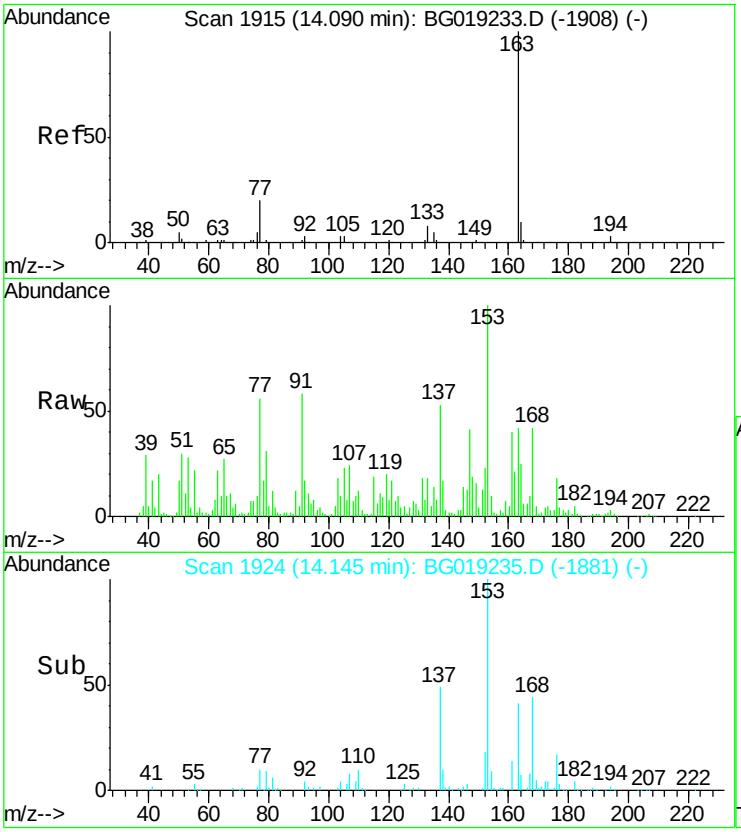




#43
2-Nitroaniline
Concen: 14.67 ng/ul
RT: 13.73 min Scan# 1854
Delta R.T. 0.02 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion: 65 Resp: 23650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 53.0 | 50.7 | 76.1 |
| 138 | 33.2 | 74.9 | 112.3# |



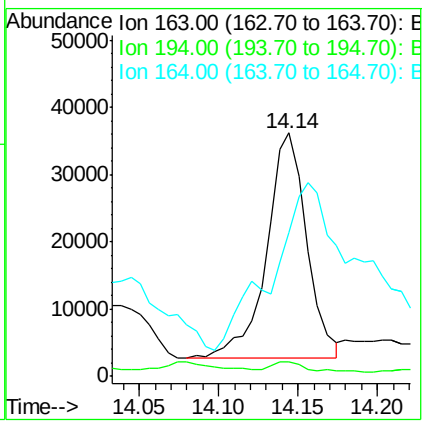


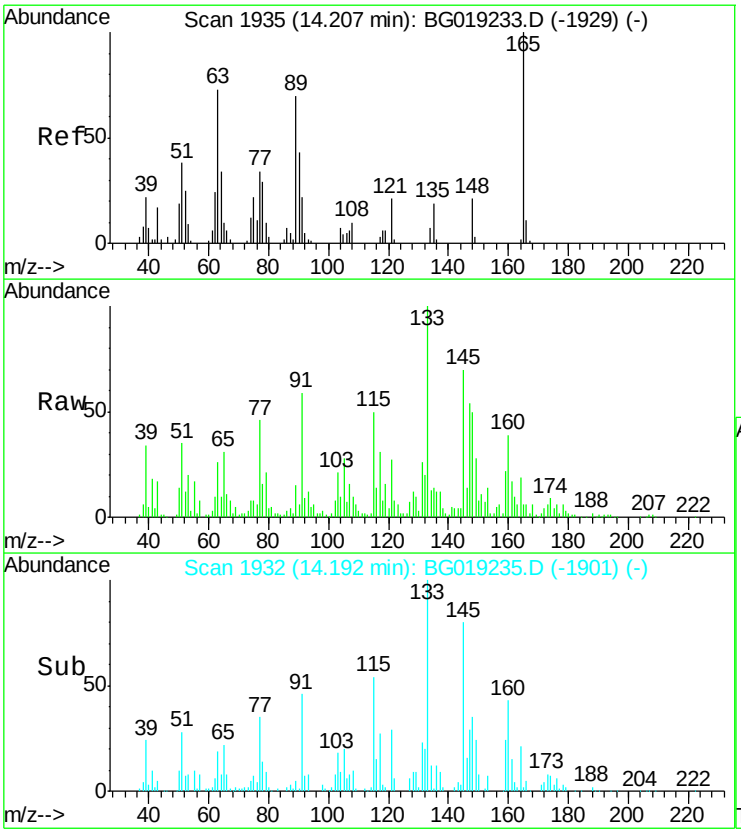

#45
Dimethylphthalate
Concen: 9.85 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.05 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:163 Resp: 59228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 6.1 | 3.3 | 4.9# |
| 164 | 59.0 | 8.1 | 12.1# |

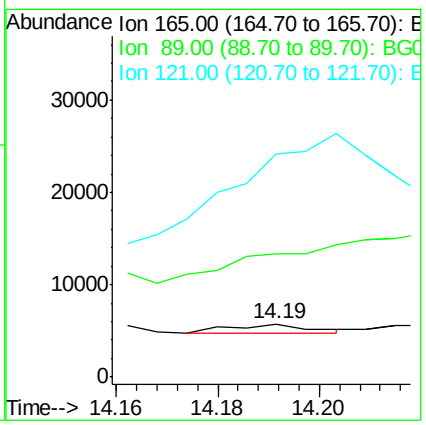


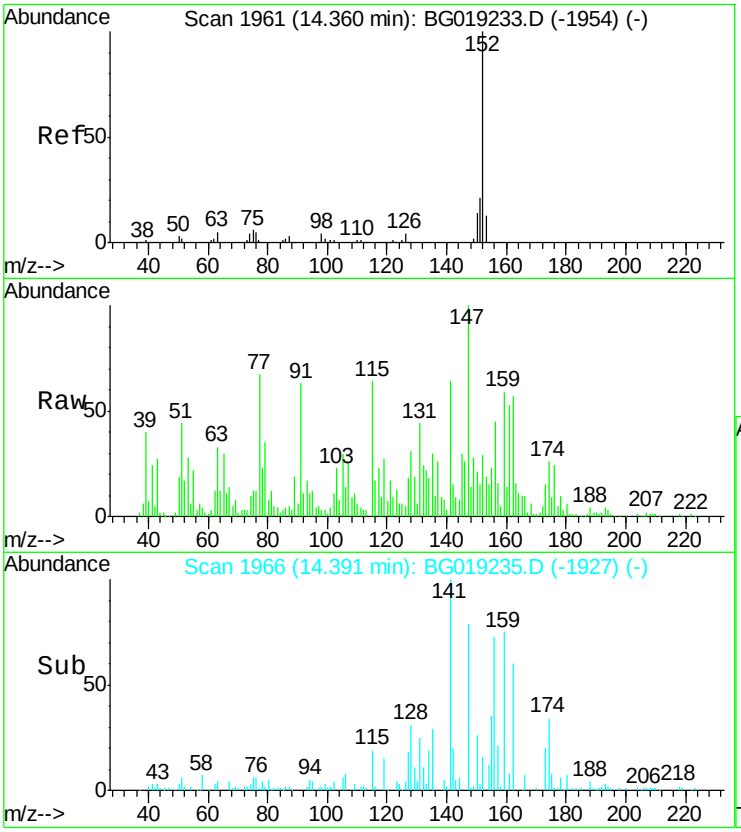




#46
2,6-Dinitrotoluene
Concen: 1.02 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:165 Resp: 1167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 231.5 | 45.5 | 68.3# |
| 121 | 418.4 | 16.8 | 25.2# |



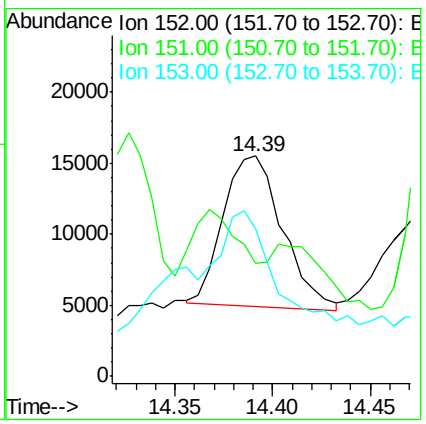


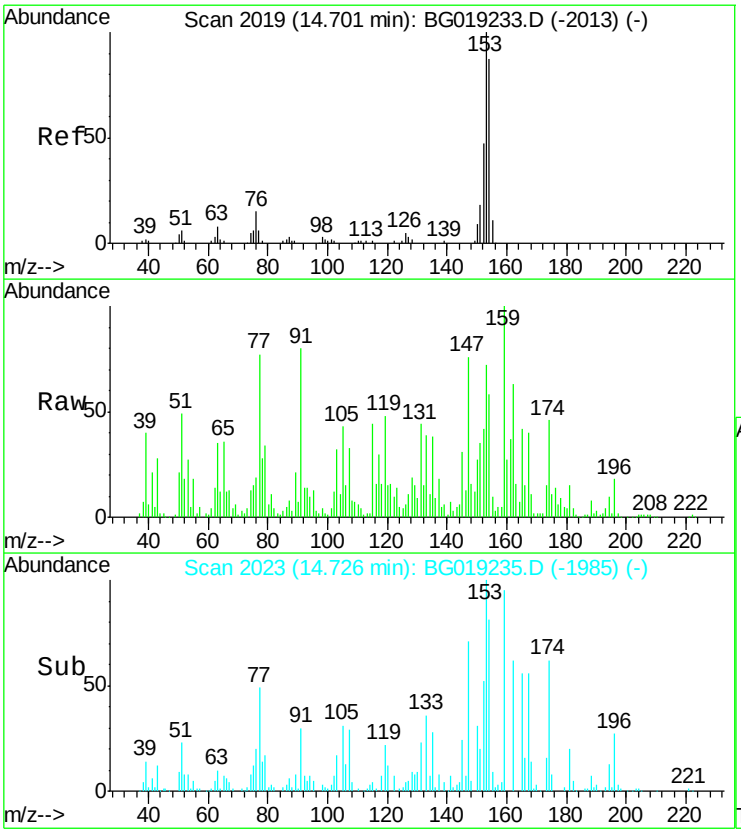

#48
Acenaphthylene
Concen: 3.11 ng/ul
RT: 14.39 min Scan# 1966
Delta R.T. 0.03 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:152 Resp: 22139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 51.6 | 16.6 | 25.0# |
| 153 | 66.9 | 10.5 | 15.7# |

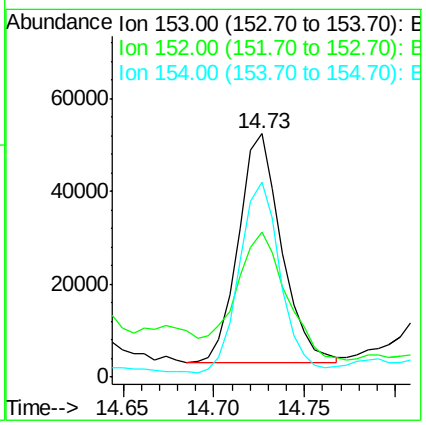


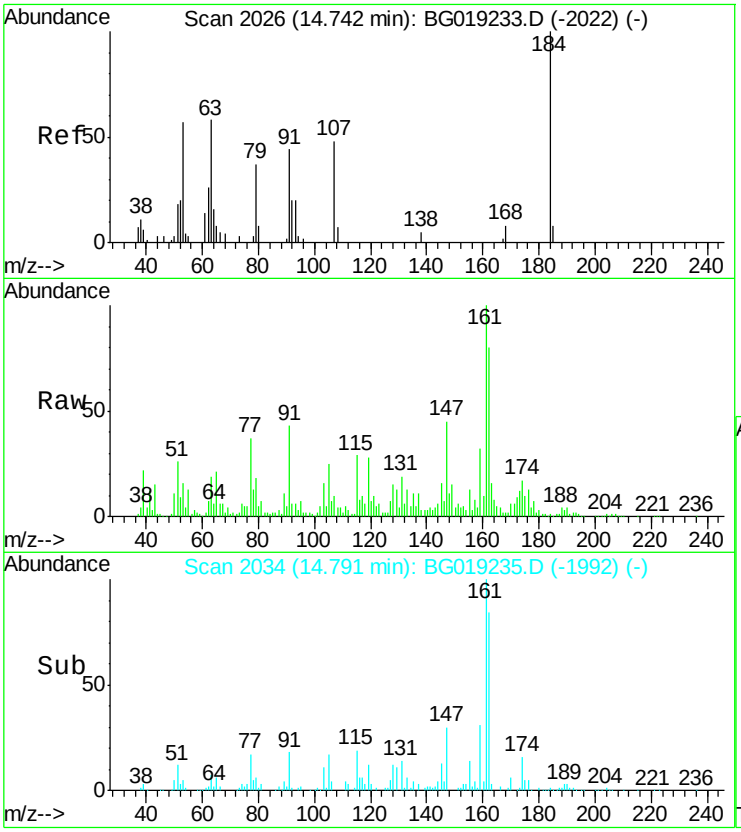




#50
Acenaphthene
Concen: 16.97 ng/ul
RT: 14.73 min Scan# 2023
Delta R.T. 0.03 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:153 Resp: 80880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 59.3 | 36.2 | 54.2# |
| 154 | 80.3 | 67.5 | 101.3 |



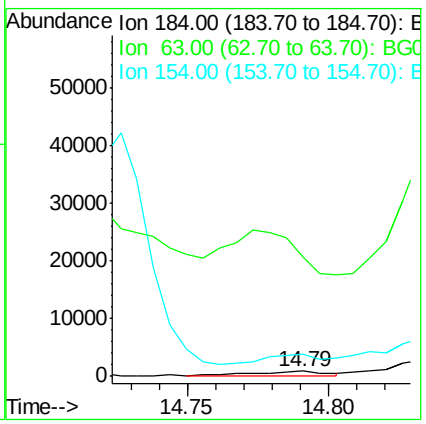


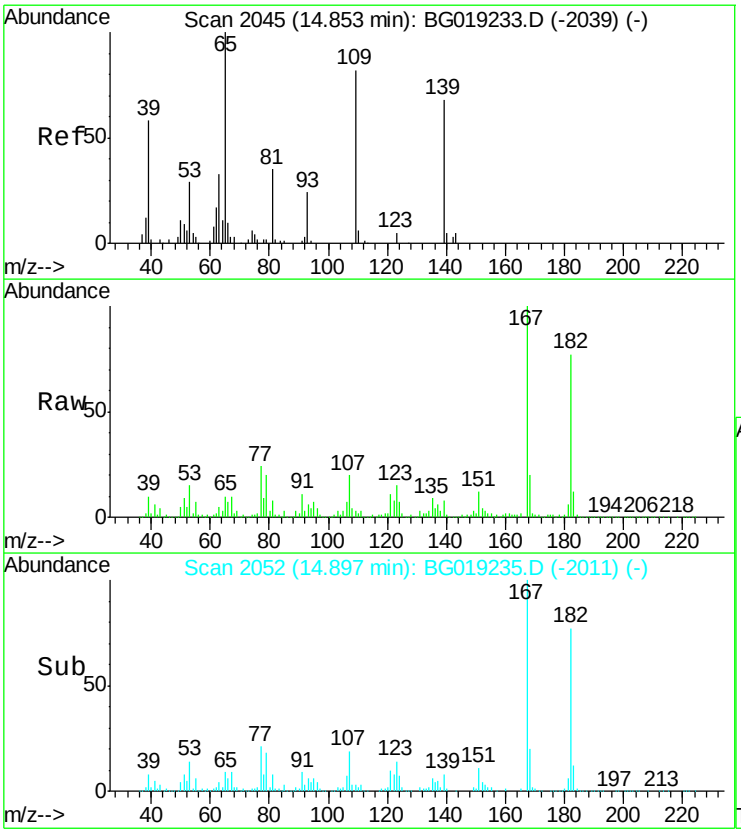

#51
2,4-Dinitrophenol
Concen: 2.59 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.05 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:184 Resp: 1703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 2268.9 | 51.0 | 76.4# |
| 154 | 426.9 | 56.5 | 84.7# |

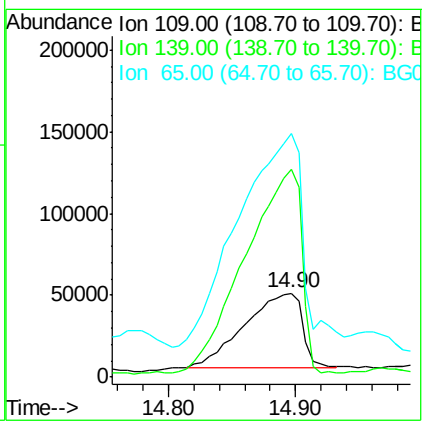


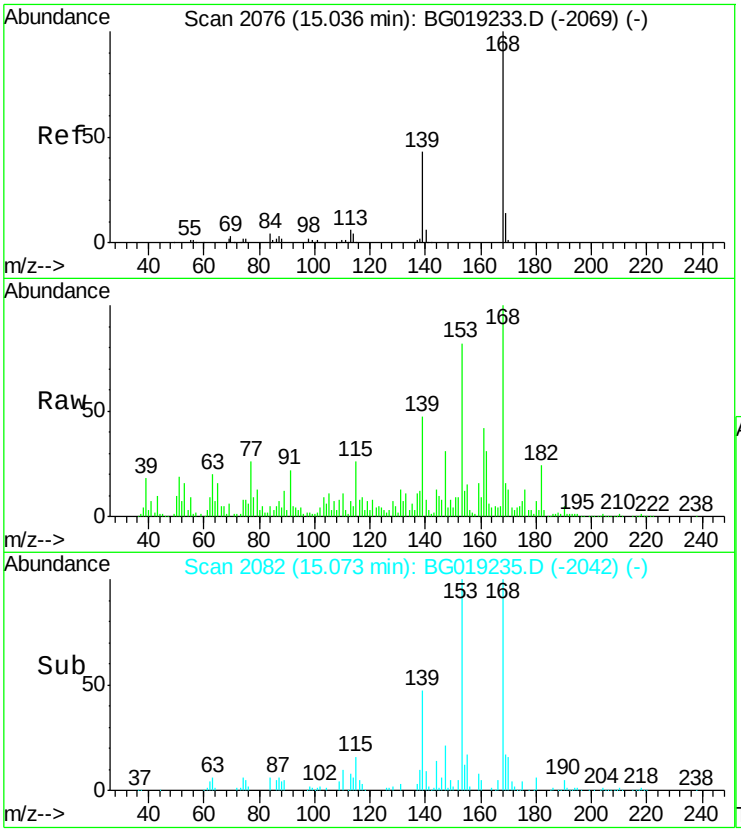




#53
4-Nitrophenol
Concen: 123.88 ng/ul
RT: 14.90 min Scan# 2052
Delta R.T. 0.04 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:109 Resp: 145376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 247.0 | 97.9 | 146.9# |
| 65 | 290.3 | 117.4 | 176.0# |



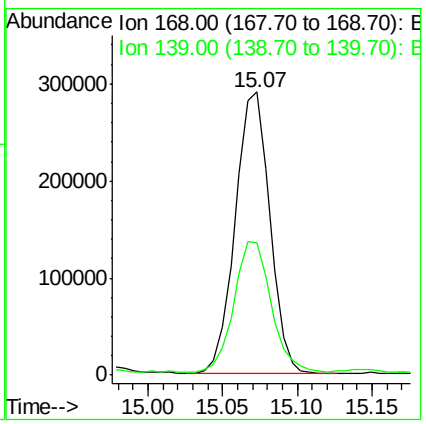


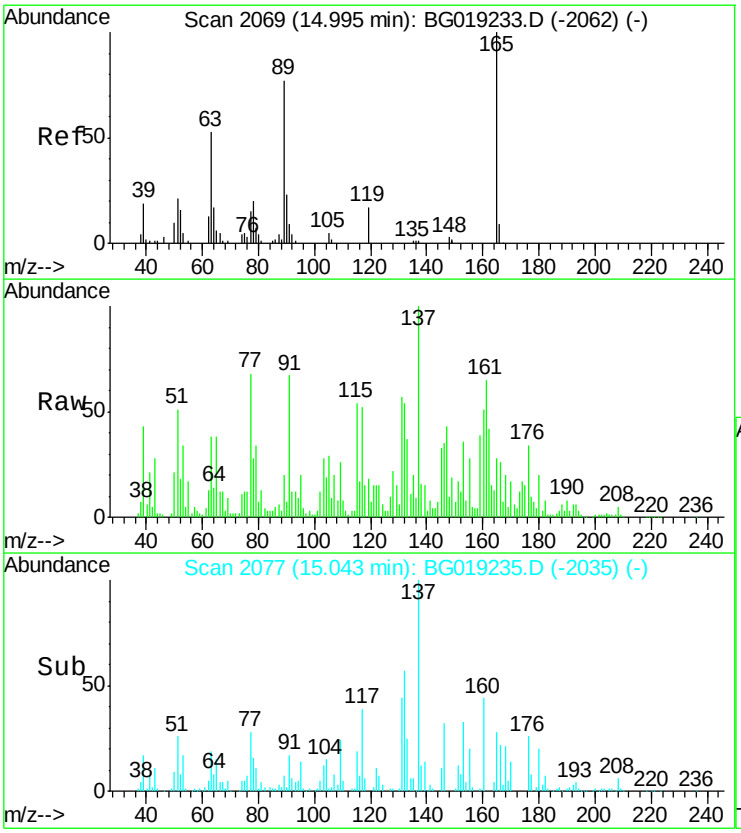

#54
Dibenzofuran
Concen: 69.21 ng/ul
RT: 15.07 min Scan# 2082
Delta R.T. 0.04 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:168 Resp: 466264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 47.0 | 28.5 | 42.7# |

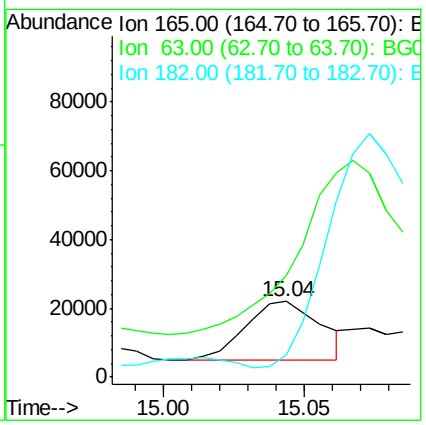


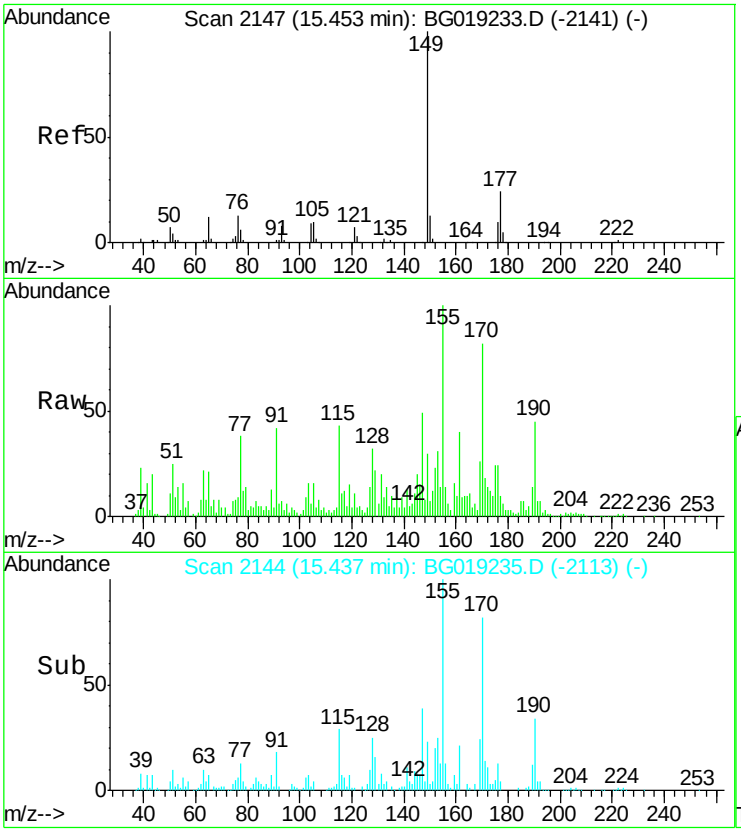




#55
2,4-Dinitrotoluene
Concen: 17.14 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. 0.05 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:165 Resp: 31896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 135.5 | 39.5 | 59.3# |
| 182 | 29.8 | 2.2 | 3.2# |



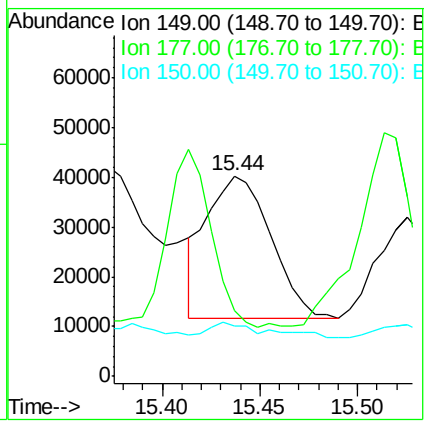


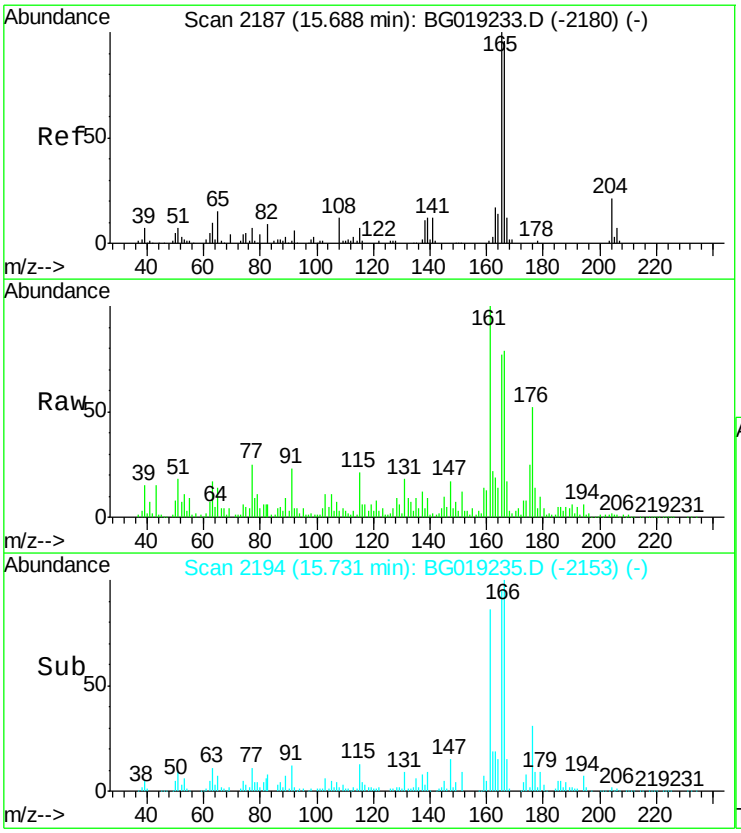

#57
Diethylphthalate
Concen: 10.37 ng/ul
RT: 15.44 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:149 Resp: 64719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 32.9 | 17.4 | 26.0# |
| 150 | 25.0 | 10.0 | 15.0# |

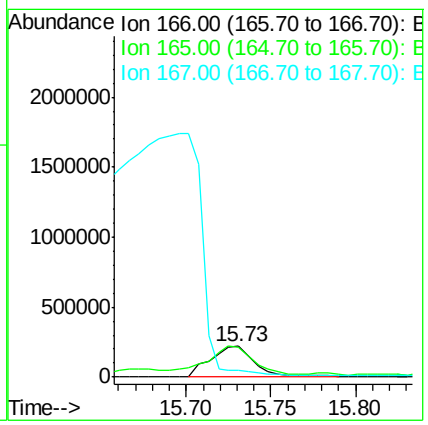


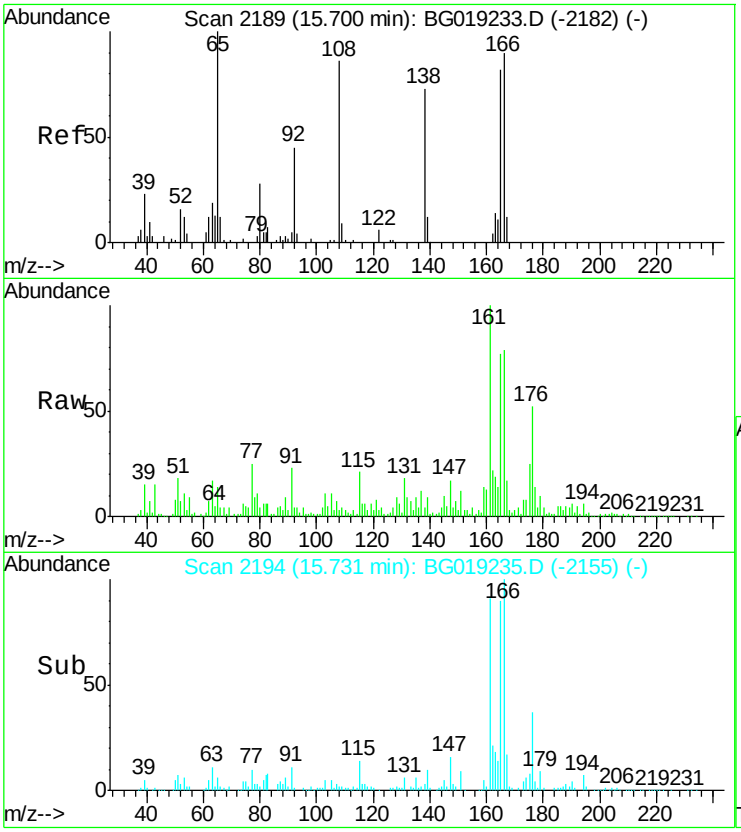




#59
Fluorene
Concen: 70.75 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. 0.04 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:166 Resp: 407891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 77.7 | 116.5 |
| 167 | 21.1 | 10.4 | 15.6# |



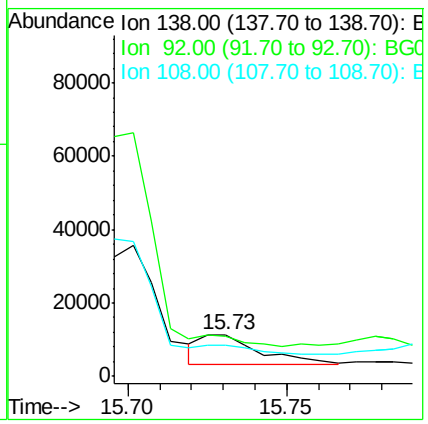


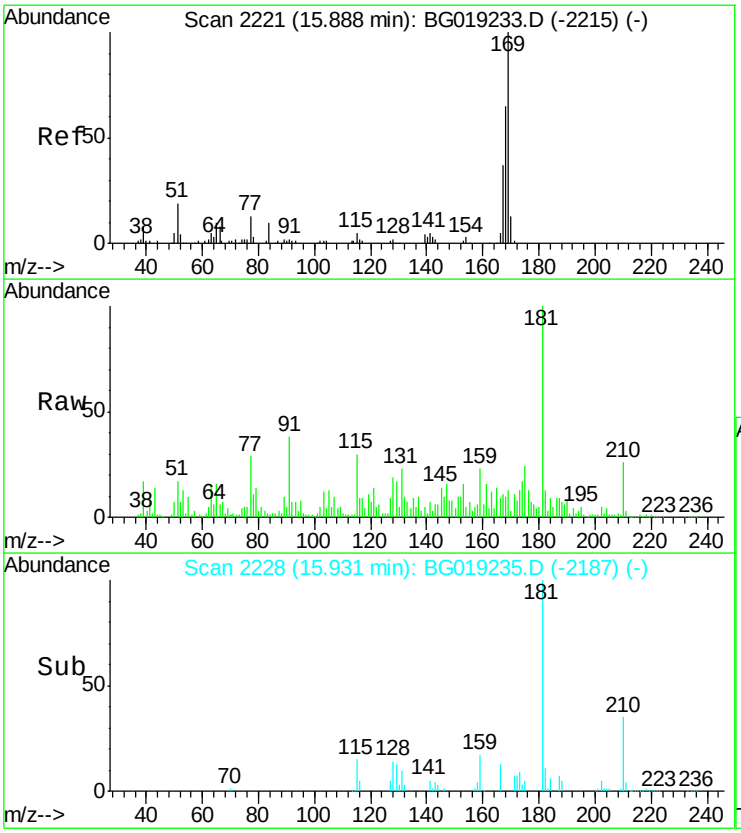

#61
4-Nitroaniline
Concen: 8.37 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. 0.03 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:138 Resp: 10898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 97.6 | 47.4 | 71.2# |
| 108 | 74.3 | 62.8 | 94.2 |

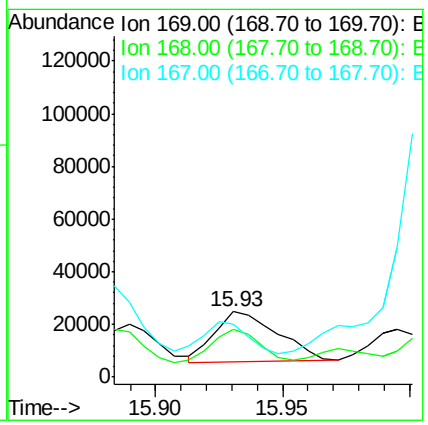


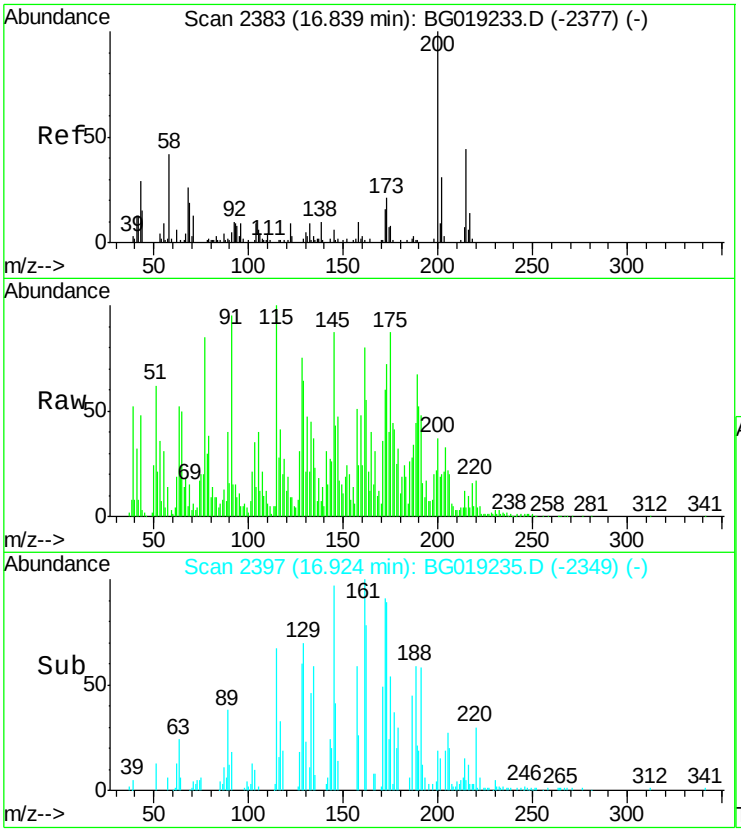




#65
N-Nitrosodiphenylamine
Concen: 8.00 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. 0.04 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:169 Resp: 33234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 72.6 | 58.2 | 87.4 |
| 167 | 80.6 | 30.9 | 46.3# |



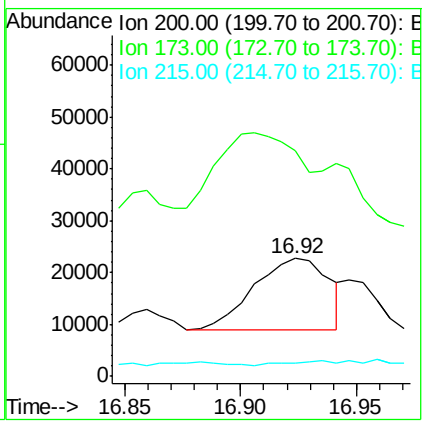


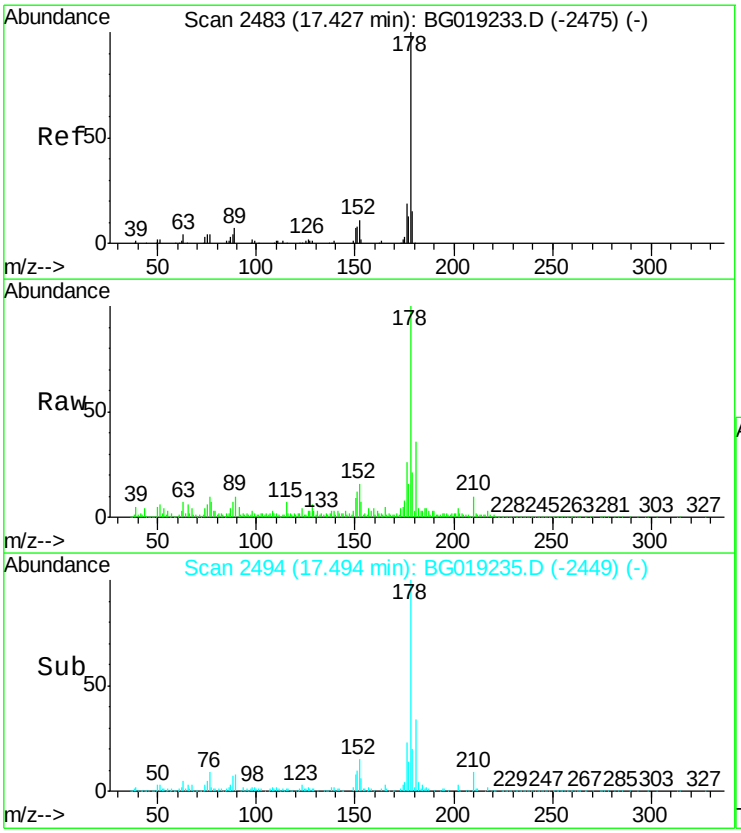

#68
Atrazine
Concen: 15.47 ng/ul
RT: 16.92 min Scan# 2397
Delta R.T. 0.08 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:200 Resp: 30888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 192.2 | 18.5 | 27.7# |
| 215 | 11.4 | 35.9 | 53.9# |

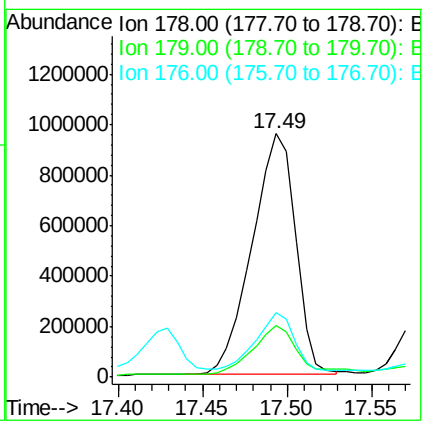


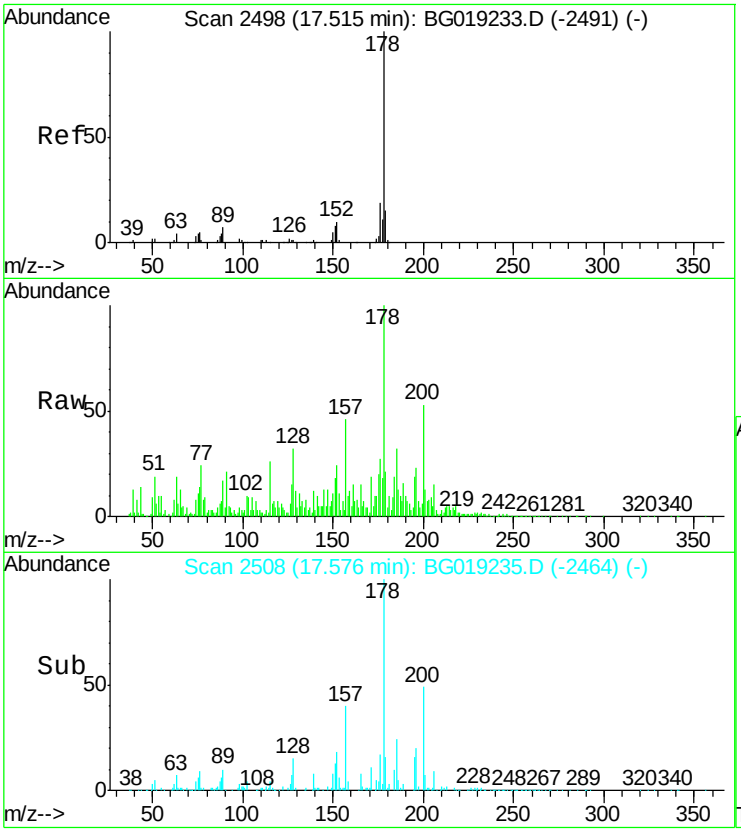




#70
Phenanthrene
Concen: 201.39 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.07 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:178 Resp: 1699175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 21.3 | 12.5 | 18.7# |
| 176 | 26.3 | 15.4 | 23.0# |



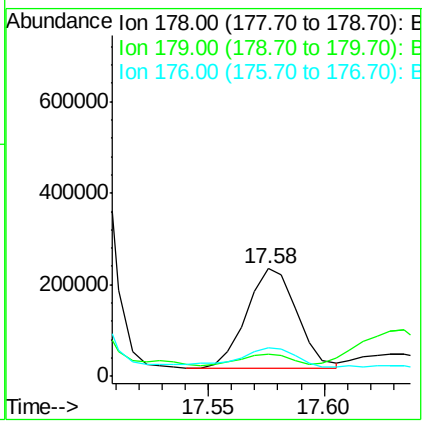


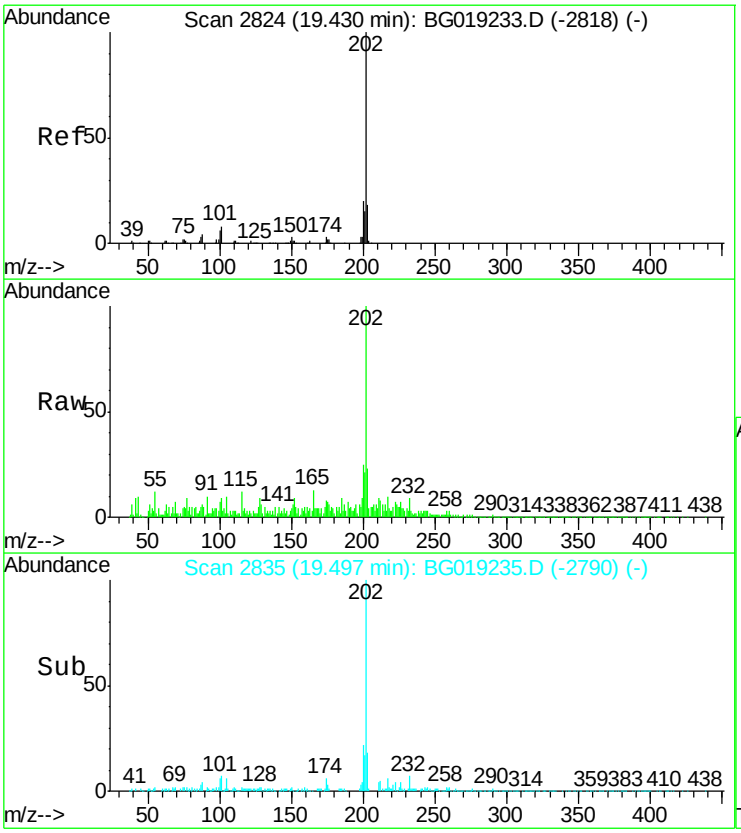

#72
Anthracene
Concen: 38.47 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.06 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:178 Resp: 329795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 21.1 | 12.2 | 18.4# |
| 176 | 27.0 | 15.0 | 22.6# |

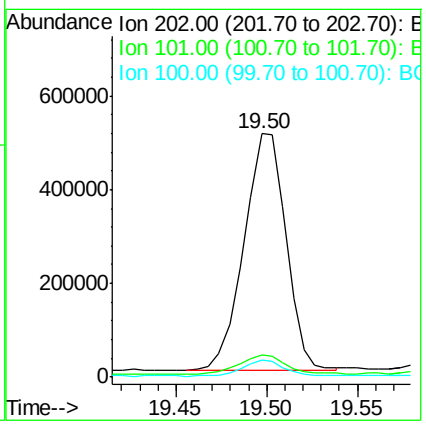


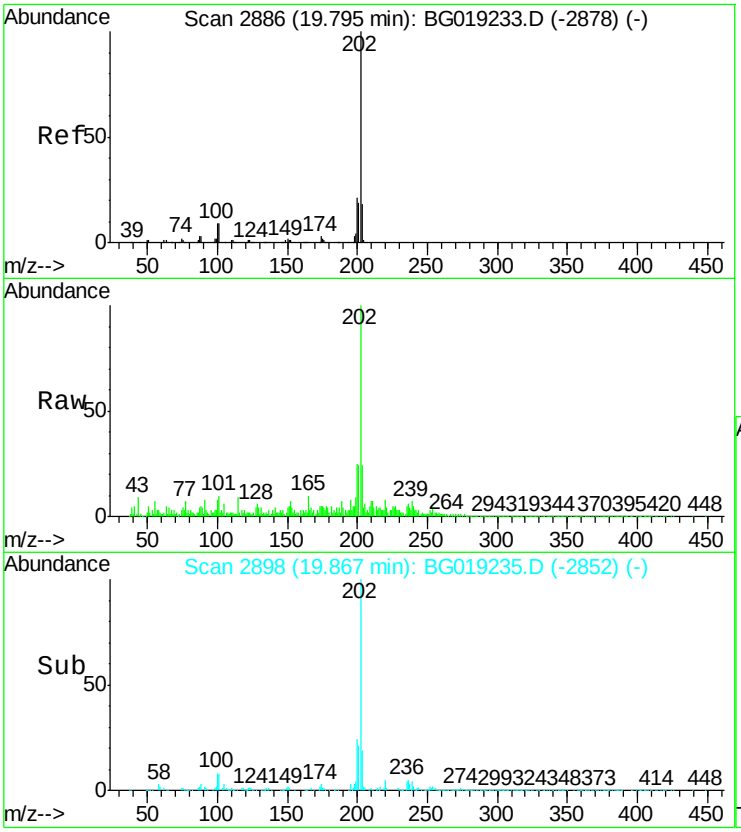




#77
Fluoranthene
Concen: 77.08 ng/ul
RT: 19.50 min Scan# 2835
Delta R.T. 0.07 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:202 Resp: 814081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 9.0 | 13.4 |
| 100 | 7.0 | 6.9 | 10.3 |



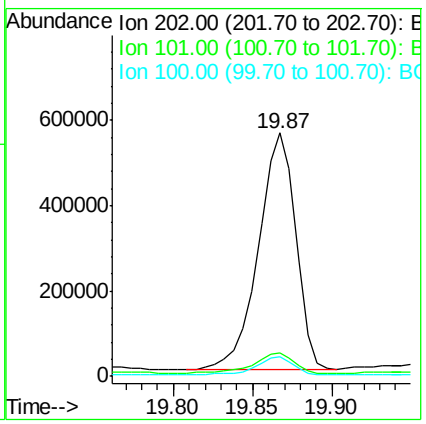


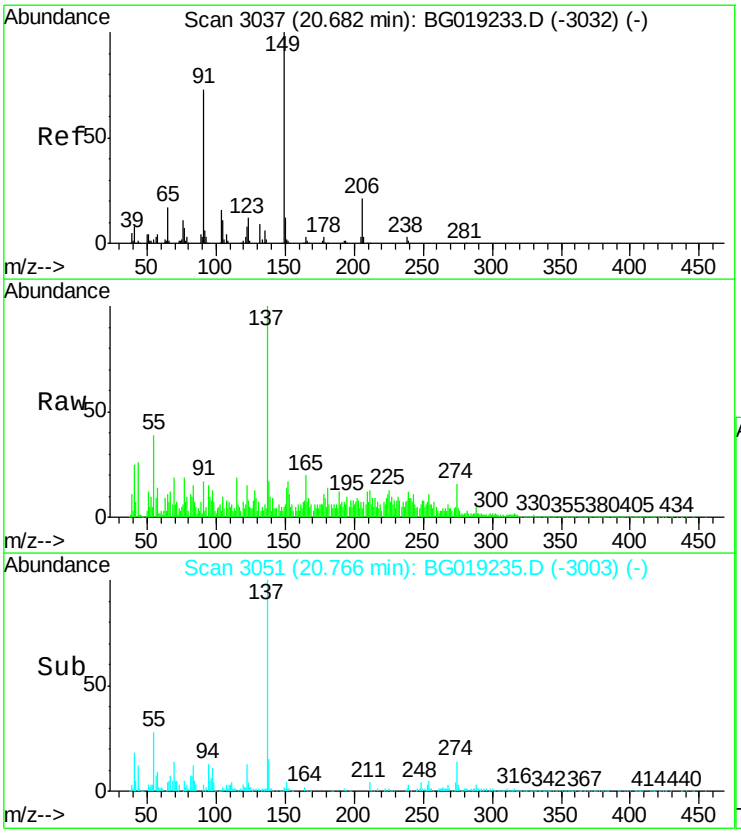

#80
Pyrene
Concen: 91.35 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. 0.07 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:202 Resp: 917269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 10.2 | 15.2# |
| 100 | 8.0 | 8.5 | 12.7# |

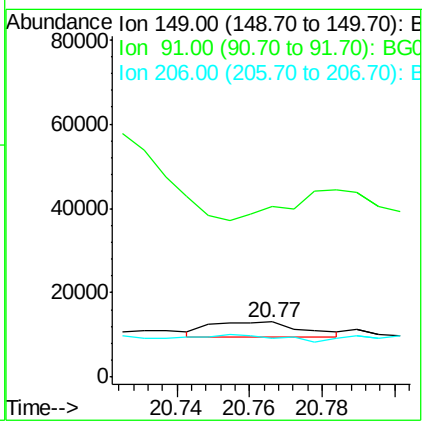


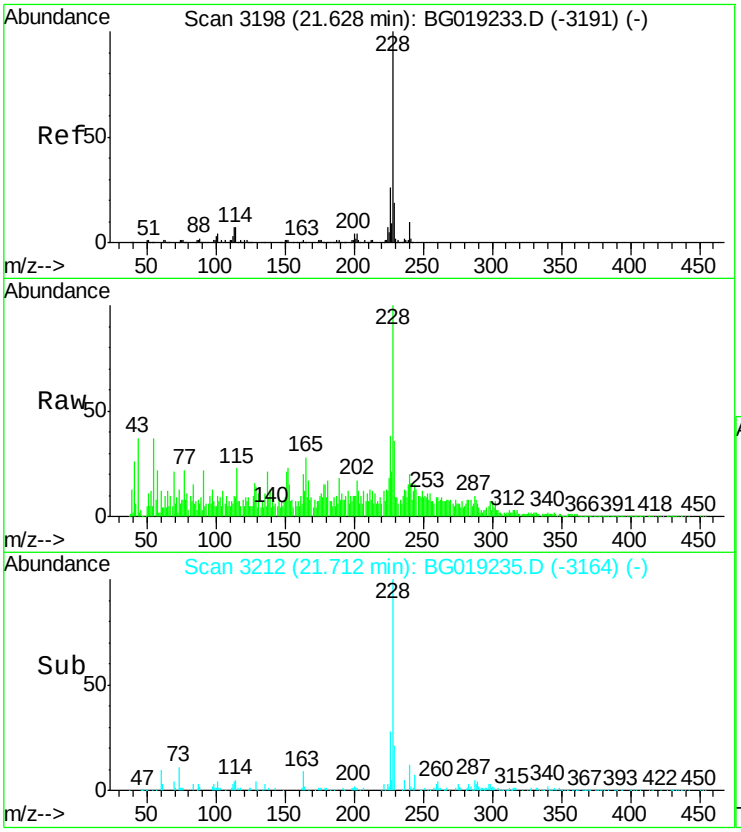




#81
Butylbenzylphthalate
Concen: 1.76 ng/ul
RT: 20.77 min Scan# 3051
Delta R.T. 0.08 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:149 Resp: 6432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 309.4 | 59.1 | 88.7# |
| 206 | 69.4 | 17.9 | 26.9# |



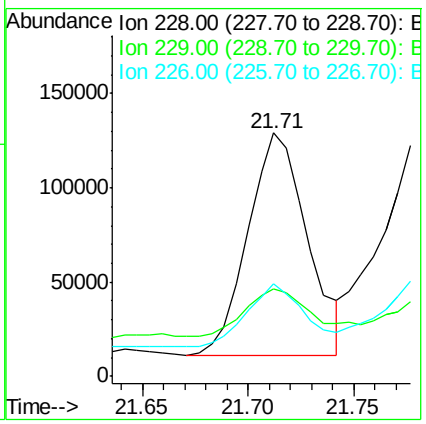


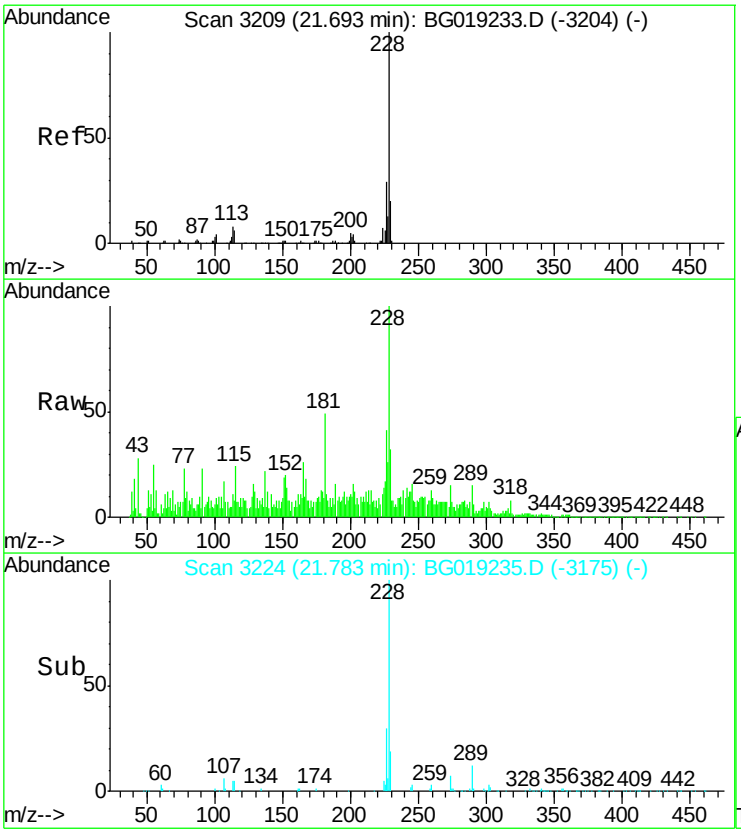

#83
Benzo(a)anthracene
Concen: 23.97 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.08 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:228 Resp: 229048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 35.7 | 16.6 | 24.8# |
| 226 | 37.9 | 22.8 | 34.2# |

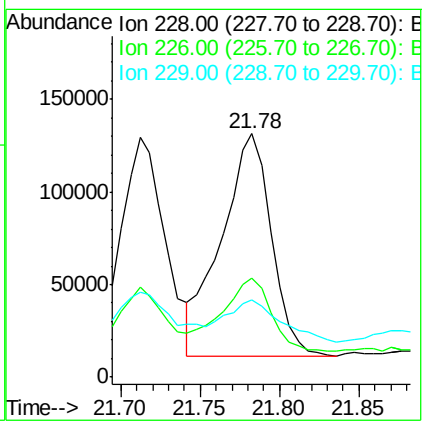


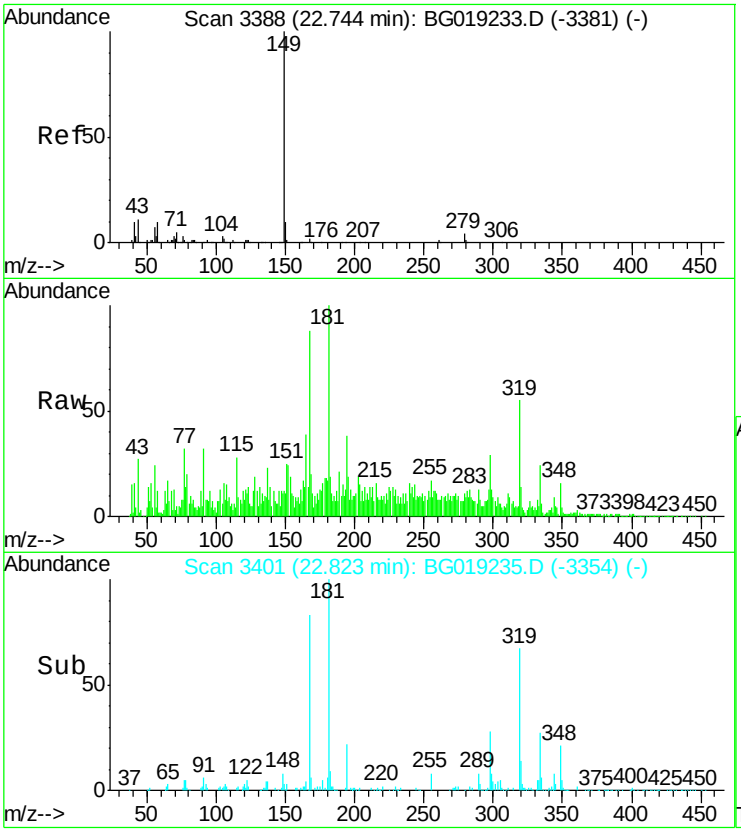




#85
Chrysene
Concen: 29.39 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. 0.09 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:228 Resp: 265622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 40.7 | 24.2 | 36.2# |
| 229 | 31.7 | 15.6 | 23.4# |

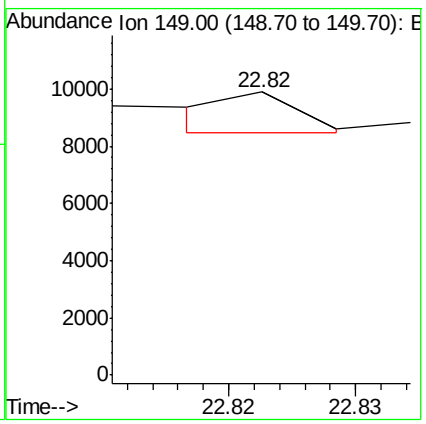


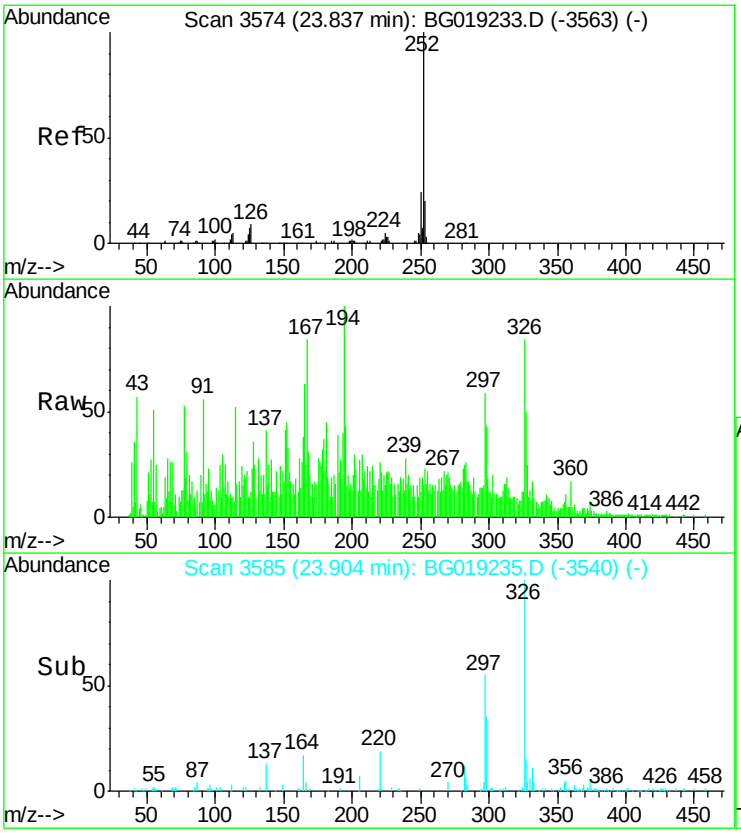



#87
Di-n-octyl phthalate
Concen: 20.56 ng/ul
RT: 22.82 min Scan# 3401
Delta R.T. 0.08 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:149 Resp: 557

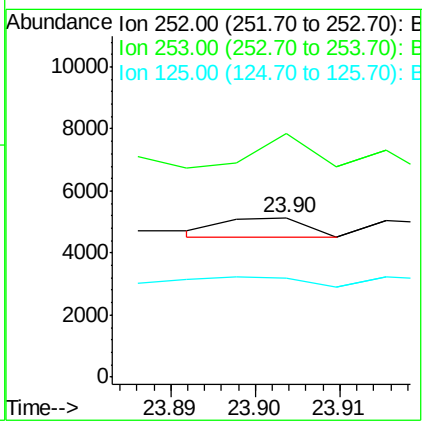


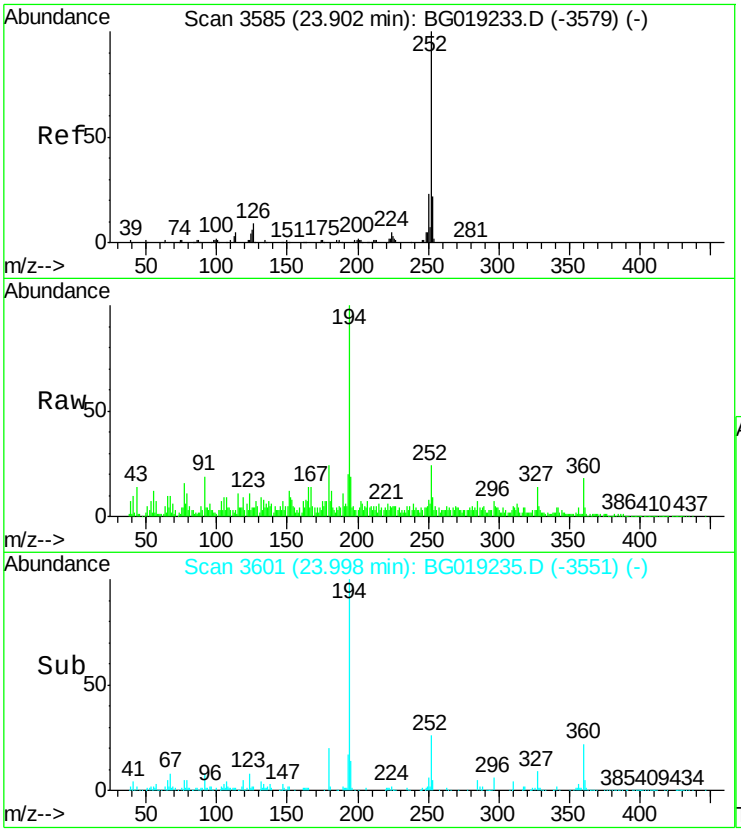




#88
Benzo(b)fluoranthene
Concen: 14.96 ng/ul
RT: 23.90 min Scan# 3585
Delta R.T. 0.07 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:252 Resp: 432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 152.6 | 17.4 | 26.2# |
| 125 | 61.6 | 8.1 | 12.1# |



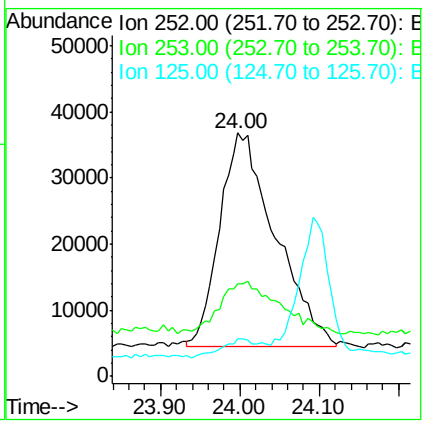


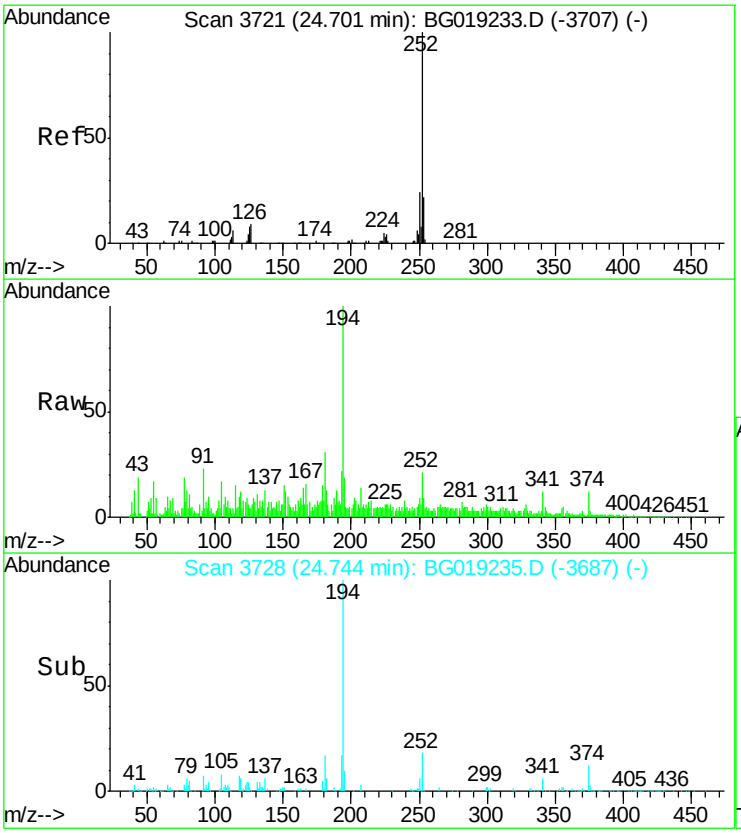

#89
Benzo(k)fluoranthene
Concen: 5573.03 ng/ul
RT: 24.00 min  Scan# 3601
Delta R.T.  0.10 min
Lab File:  BG019235.D
Acq: 16 Oct 2015  22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:252 Resp:  157872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 38.2 | 17.2 | 25.8# |
| 125 | 15.4 | 8.4 | 12.6# |

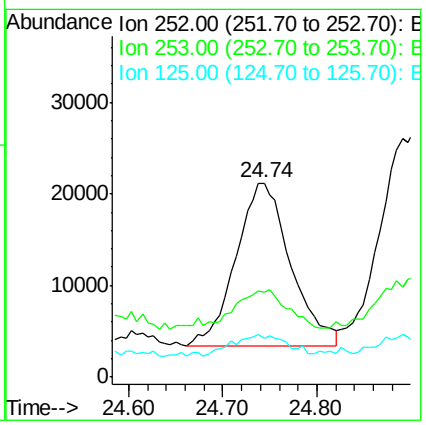


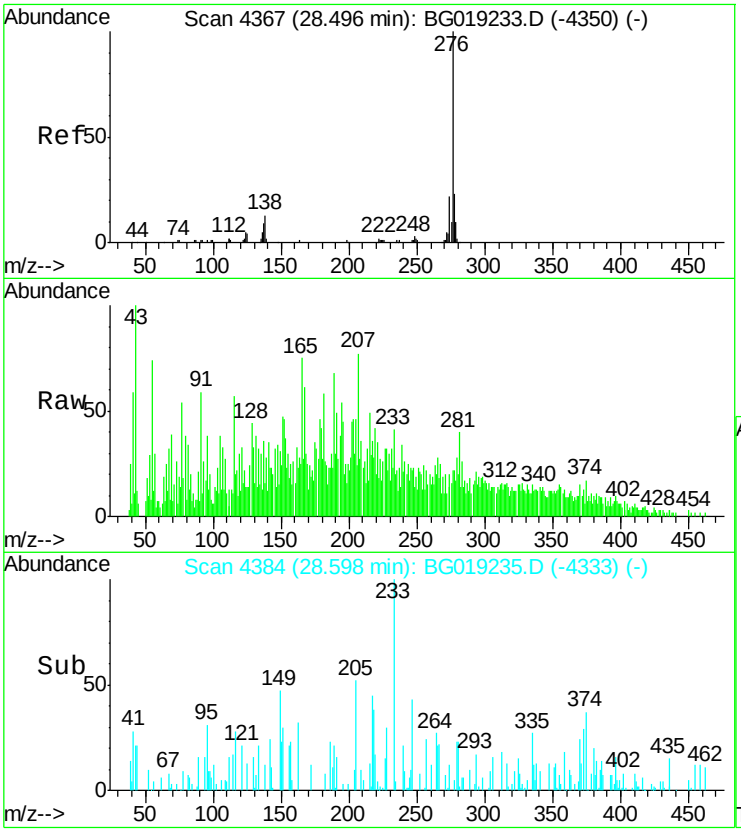




#91
Benzo(a)pyrene
Concen: 2604.25 ng/ul
RT: 24.74 min  Scan# 3728
Delta R.T.  0.04 min
Lab File:  BG019235.D
Acq: 16 Oct 2015  22:37

Tgt Ion:252 Resp:  72294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.9 | 18.1 | 27.1# |
| 125 | 19.7 | 9.4 | 14.2# |



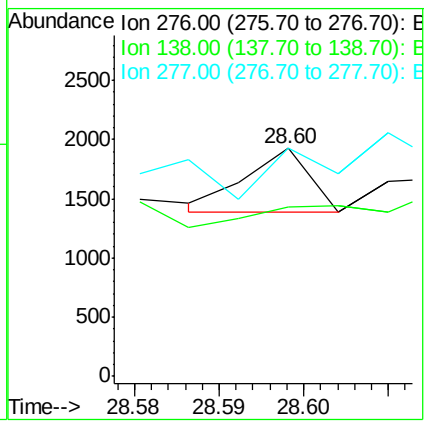


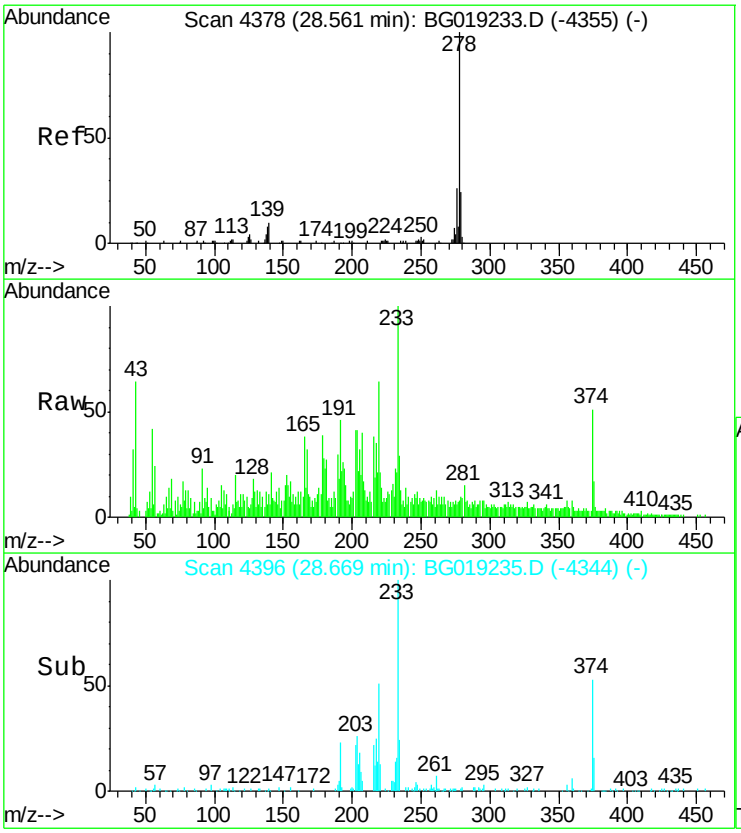

#92
Indeno(1,2,3-cd)pyrene
Concen: 8.50 ng/ul
RT: 28.60 min Scan# 4384
Delta R.T. 0.10 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:276 Resp: 280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 74.0 | 14.9 | 22.3# |
| 277 | 99.9 | 18.0 | 27.0# |

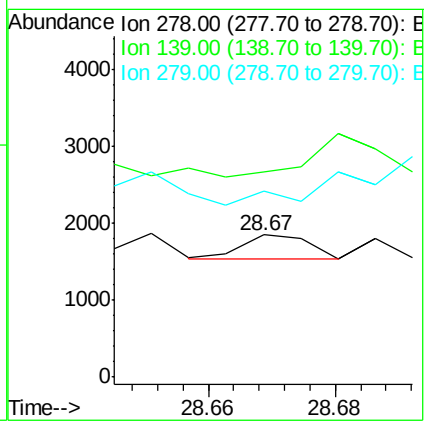


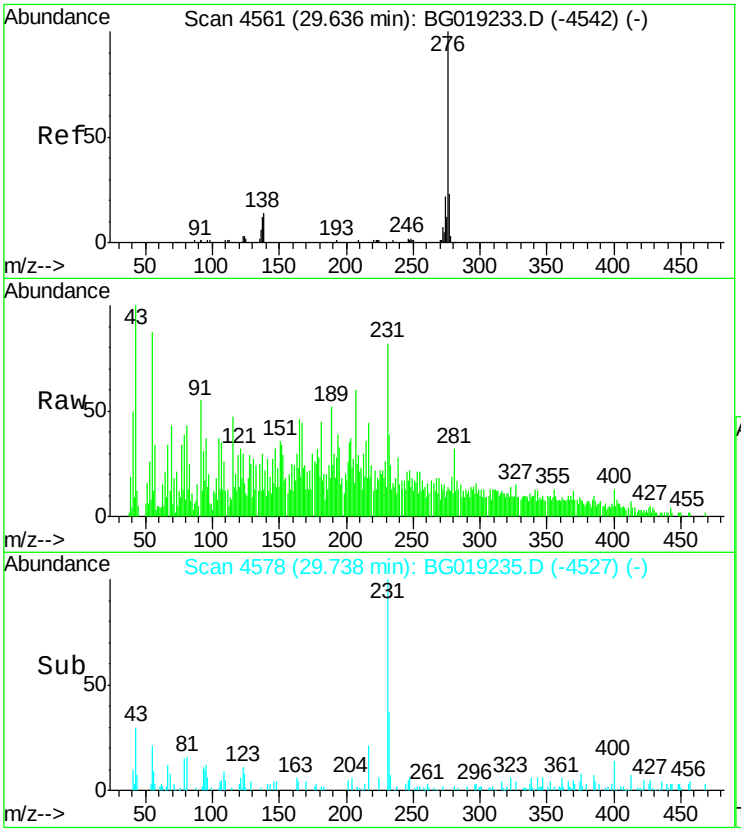




#93
Dibenzo(a,h)anthracene
Concen: 8.04 ng/ul
RT: 28.67 min Scan# 4396
Delta R.T. 0.11 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

Tgt Ion:278 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 144.0 | 11.2 | 16.8# |
| 279 | 131.2 | 17.6 | 26.4# |






#94
Benzo(g,h,i)perylene
Concen: 21.40 ng/ul
RT: 29.74 min Scan# 4578
Delta R.T. 0.10 min
Lab File: BG019235.D
Acq: 16 Oct 2015 22:37

**Instrument :**
BNA_G
**ClientSampleId :**
E5LK2

Tgt Ion:276 Resp: 580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 92.3 | 16.3 | 24.5# |
| 277 | 93.2 | 18.7 | 28.1# |