Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028619.D
Acq On : 9 Sep 2017 17:39
Operator : SJ/JU
Sample : PB102150TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 11 07:11:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.34 | 152 | 29500 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.16 | 136 | 112191 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.95 | 164 | 82288 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.70 | 188 | 235091 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.03 | 240 | 289998 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 25.53 | 264 | 283729 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.91 | 112 | 317068 | 180.97 | ng | 0.00 |
| 7) Phenol-d6 | 7.49 | 99 | 423109 | 166.49 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.51 | 82 | 268621 | 109.94 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 257038 | 205.52 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.57 | 172 | 676912 | 107.62 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.28 | 244 | 1461075 | 108.55 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.86 | 88 | 188 | 0.262 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 4.15 | 42 | 76 | 0.072 | ng | # 1 |
| 6) Aniline | 7.87 | 93 | 606 | 0.186 | ng | # 1 |
| 8) 2-Chlorophenol | 7.90 | 128 | 75 | 0.038 | ng | # 1 |
| 9) Benzaldehyde | 7.48 | 77 | 522 | 0.348 | ng | # 10 |
| 10) Phenol | 7.52 | 94 | 63 | 0.023 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 7.87 | 93 | 606 | 0.299 | ng | # 1 |
| 14) 1,2-Dichlorobenzene | 8.68 | 146 | 54 | 0.024 | ng | # 1 |
| 15) Benzyl Alcohol | 8.66 | 79 | 4935 | 2.450 | ng | # 65 |
| 17) 2-Methylphenol | 8.66 | 107 | 122 | 0.069 | ng | # 1 |
| 24) Nitrobenzene | 9.51 | 77 | 741 | 0.287 | ng | # 43 |
| 25) Isophorone | 10.10 | 82 | 57 | 0.013 | ng | # 67 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 62 | 0.023 | ng | # 50 |
| 33) 4-Chloroaniline | 11.33 | 127 | 57 | 0.022 | ng | # 40 |
| 34) Hexachlorobutadiene | 11.29 | 225 | 61 | 0.036 | ng | # 19 |
| 35) Caprolactam | 12.24 | 113 | 54 | 0.075 | ng | # 1 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216 | 84 | 0.026 | ng | # 25 |
| 45) 1,1'-Biphenyl | 13.77 | 154 | 774 | 0.112 | ng | # 41 |
| 48) Acenaphthylene | 14.48 | 152 | 55 | 0.007 | ng | # 58 |
| 51) Acenaphthene | 14.95 | 154 | 164 | 0.033 | ng | # 6 |
| 54) Dibenzofuran | 15.29 | 168 | 64 | 0.008 | ng | # 40 |
| 56) 2,4-Dinitrotoluene | 15.26 | 165 | 55 | 0.026 | ng | # 16 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.58 | 232 | 54 | 0.030 | ng | # 39 |
| 59) Diethylphthalate | 15.75 | 149 | 63 | 0.009 | ng | # 56 |
| 62) Azobenzene | 16.43 | 77 | 1154 | 0.182 | ng | # 39 |
| 65) n-Nitrosodiphenylamine | 16.44 | 169 | 8044 | 1.159 | ng | # 43 |
| 72) Carbazole | 18.26 | 167 | 68 | 0.006 | ng | # 55 |
| 73) Di-n-butylphthalate | 18.62 | 149 | 66 | 0.005 | ng | # 73 |
| 74) Fluoranthene | 19.72 | 202 | 68 | 0.004 | ng | # 61 |
| 76) Benzidine | 19.91 | 184 | 8286 | 1.406 | ng | # 94 |
| 77) Pyrene | 20.28 | 202 | 4996 | 0.290 | ng | # 68 |
| 79) Butylbenzylphthalate | 20.96 | 149 | 65 | 0.010 | ng | # 19 |
| 80) Benzo(a)anthracene | 22.01 | 228 | 393 | 0.023 | ng | # 47 |
| 81) 3,3'-Dichlorobenzidine | 21.90 | 252 | 66 | 0.010 | ng | # 24 |

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028619.D
Acq On : 9 Sep 2017 17:39
Operator : SJ/JU
Sample : PB102150TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 11 07:11:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 82) Chrysene | 22.01 | 228 | 393 | 0.024 | ng | # | 46 |
| 83) Bis(2-ethylhexyl)phthalate | 21.86 | 149 | 427 | 0.045 | ng | # | 51 |
| 84) Di-n-octyl phthalate | 23.16 | 149 | 116 | 0.007 | ng | # | 1 |
| 85) Indeno(1,2,3-cd)pyrene | 29.69 | 276 | 54 | 0.003 | ng | # | 55 |
| 89) Benzo(a)pyrene | 25.39 | 252 | 57 | 0.003 | ng | # | 58 |
| 90) Dibenzo(a,h)anthracene | 29.67 | 278 | 64 | 0.004 | ng | # | 58 |

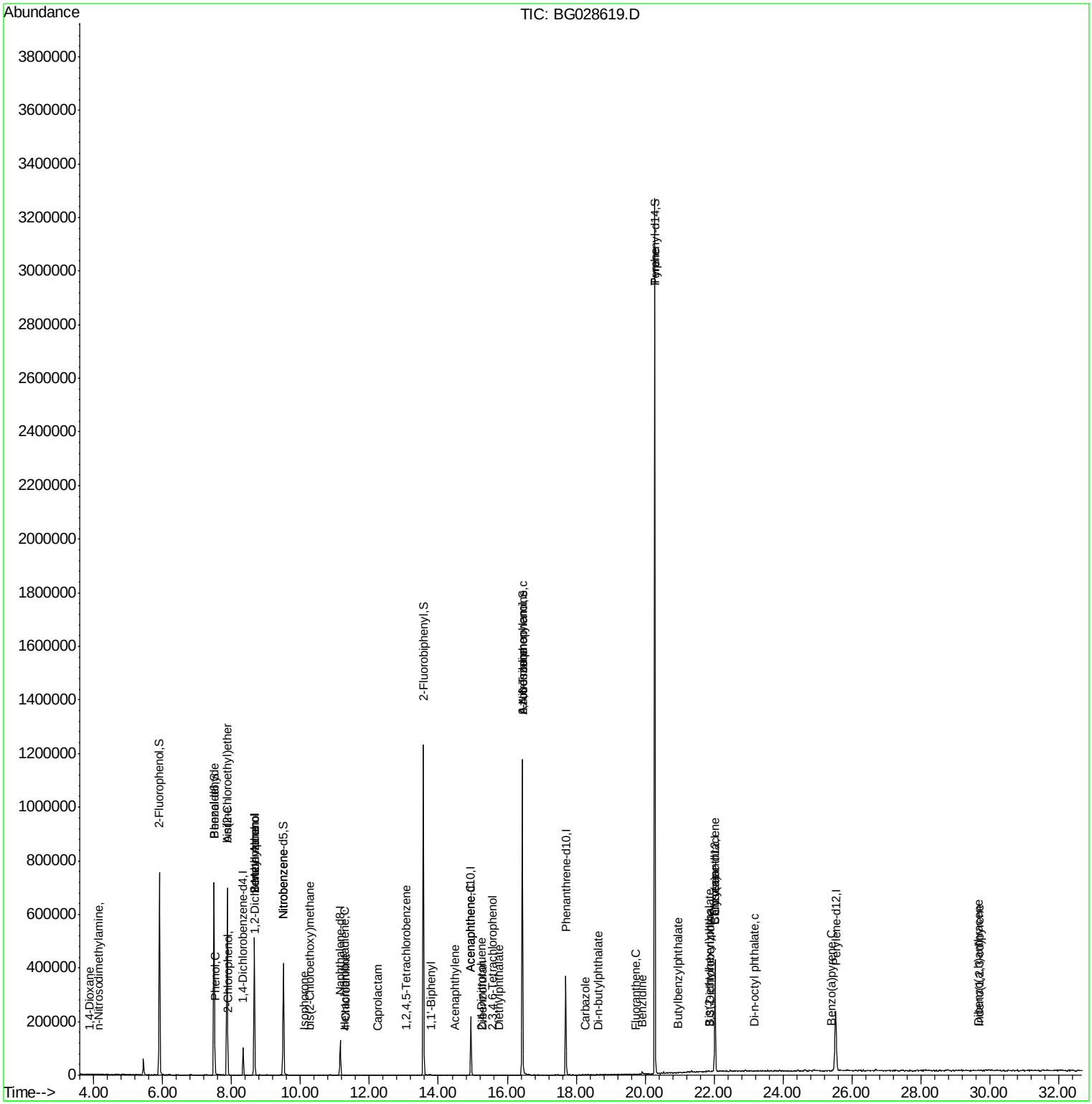
(#) = qualifier out of range (m) = manual integration (+) = signals summed

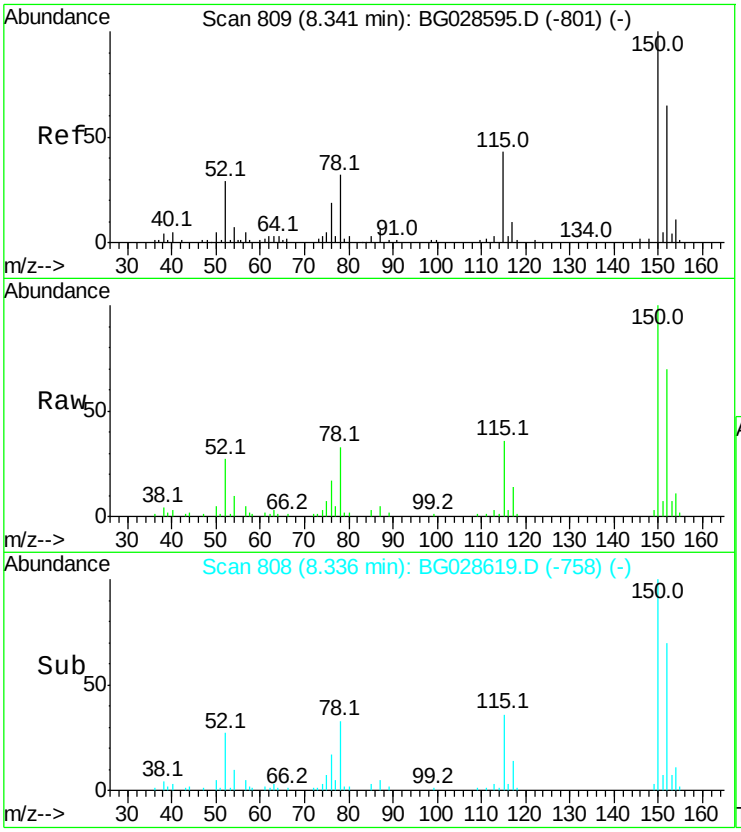
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028619.D
Acq On : 9 Sep 2017 17:39
Operator : SJ/JU
Sample : PB102150TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 11 07:11:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration



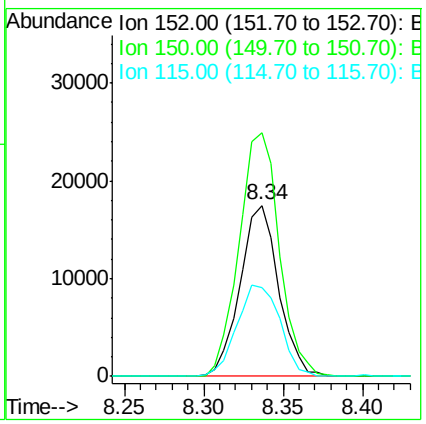


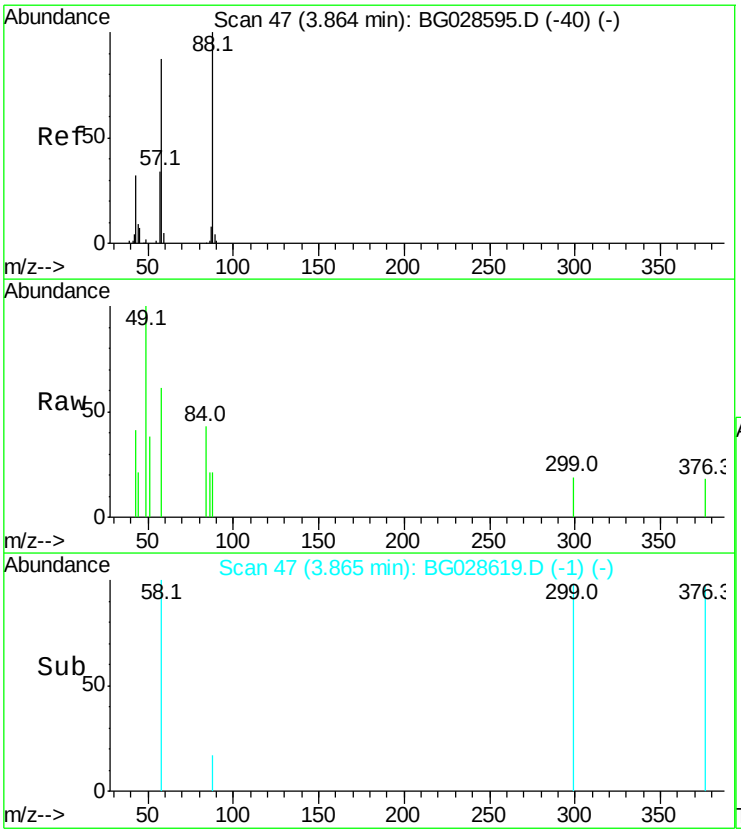

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:152 Resp: 29500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 142.3 | 114.0 | 171.0 |
| 115 | 51.7 | 48.1 | 72.1 |

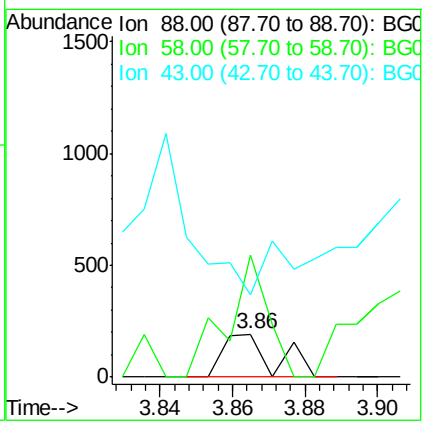


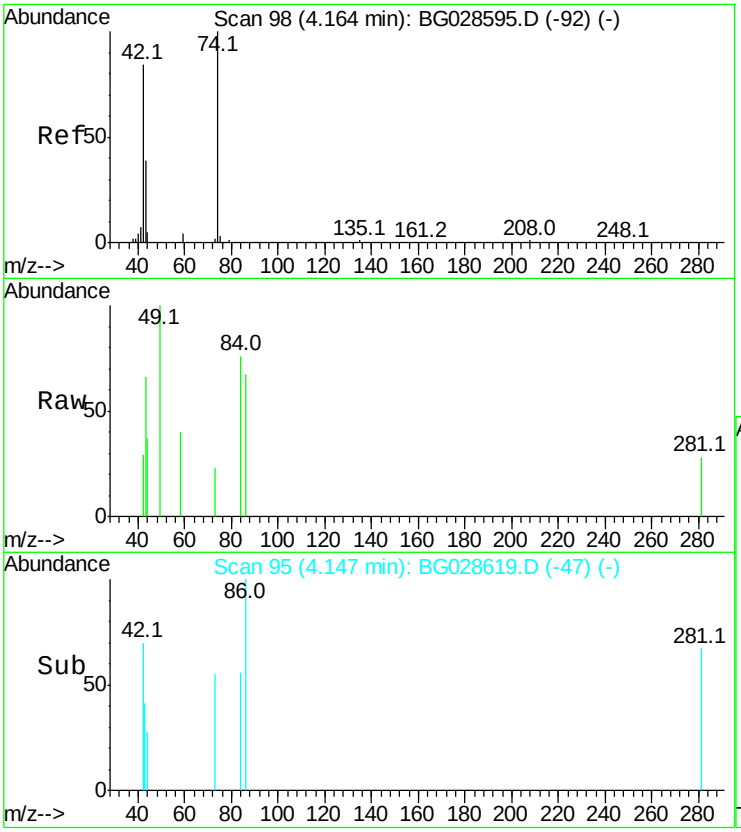




#2
1,4-Dioxane
Concen: 0.262 ng
RT: 3.86 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 88 Resp: 188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 226.1 | 79.4 | 119.2# |
| 43 | 0.0 | 33.8 | 50.6# |



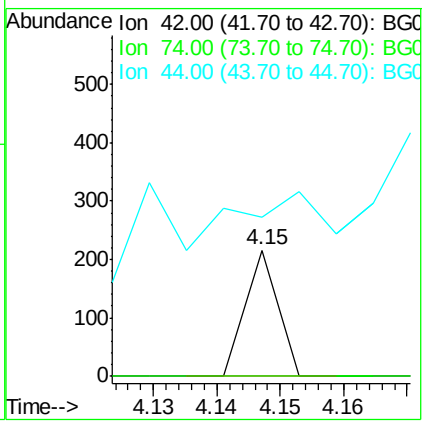


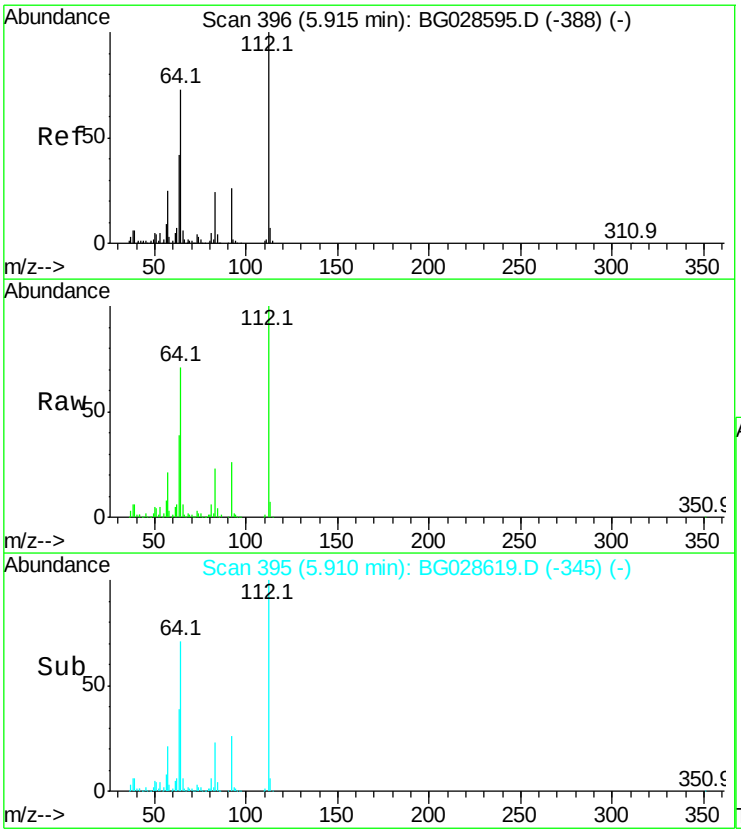

#4
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 4.15 min Scan# 95
Delta R.T. -0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 42 Resp: 76

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 76.7 | 115.1# |
| 44 | 125.9 | 6.1 | 9.1# |

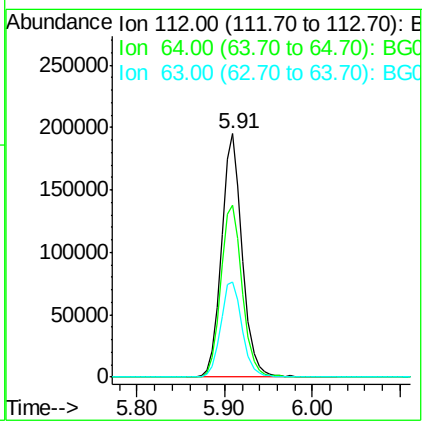


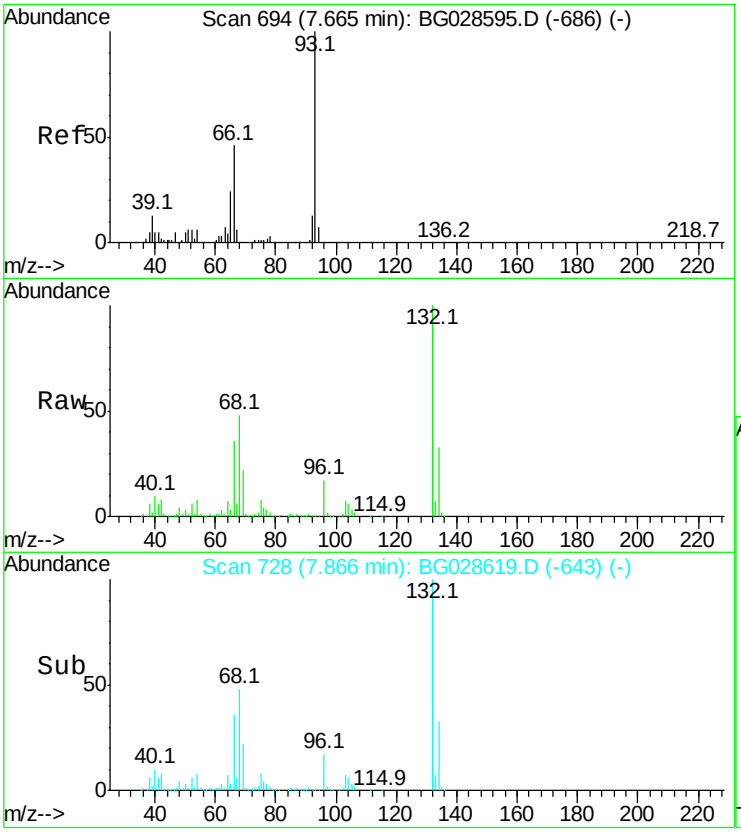




#5
2-Fluorophenol
Concen: 180.969 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:112 Resp: 317068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.6 | 61.8 | 92.6 |
| 63 | 38.8 | 37.2 | 55.8 |



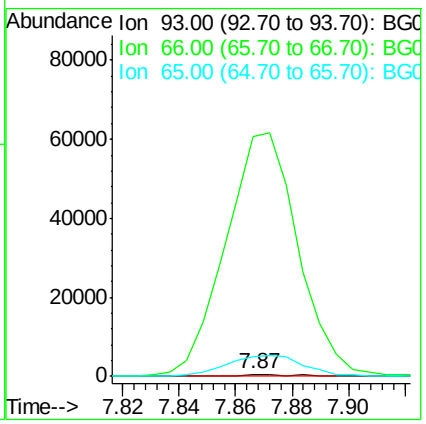


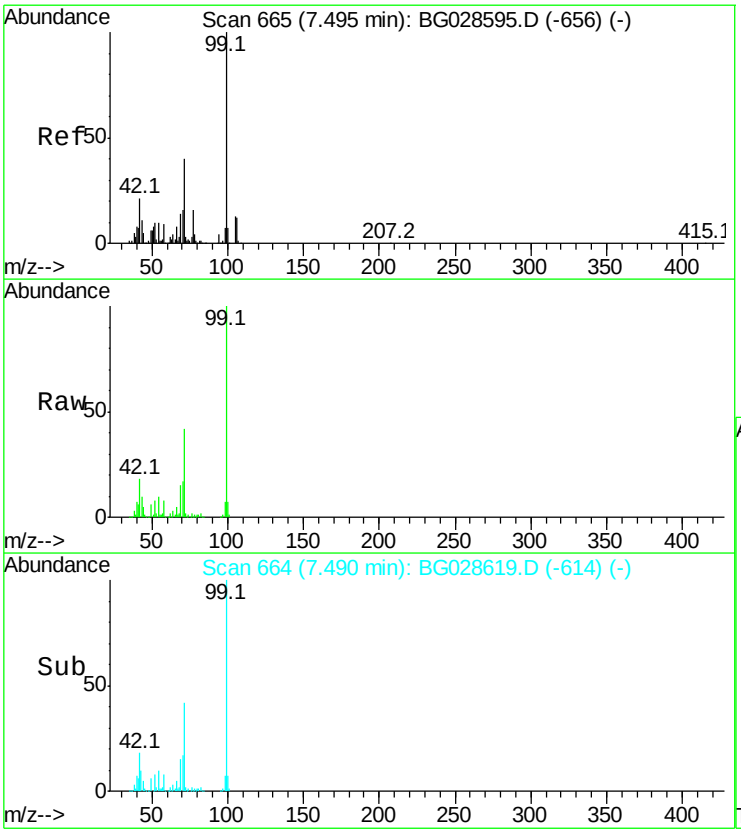

#6
Aniline
Concen: 0.186 ng
RT: 7.87 min Scan# 728
Delta R.T. 0.20 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 93 Resp: 606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 13434.0 | 35.4 | 53.2# |
| 65 | 1090.9 | 21.2 | 31.8# |

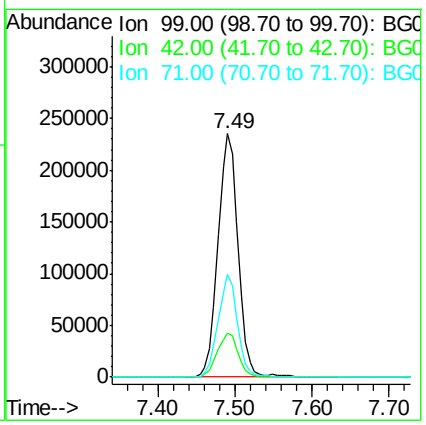


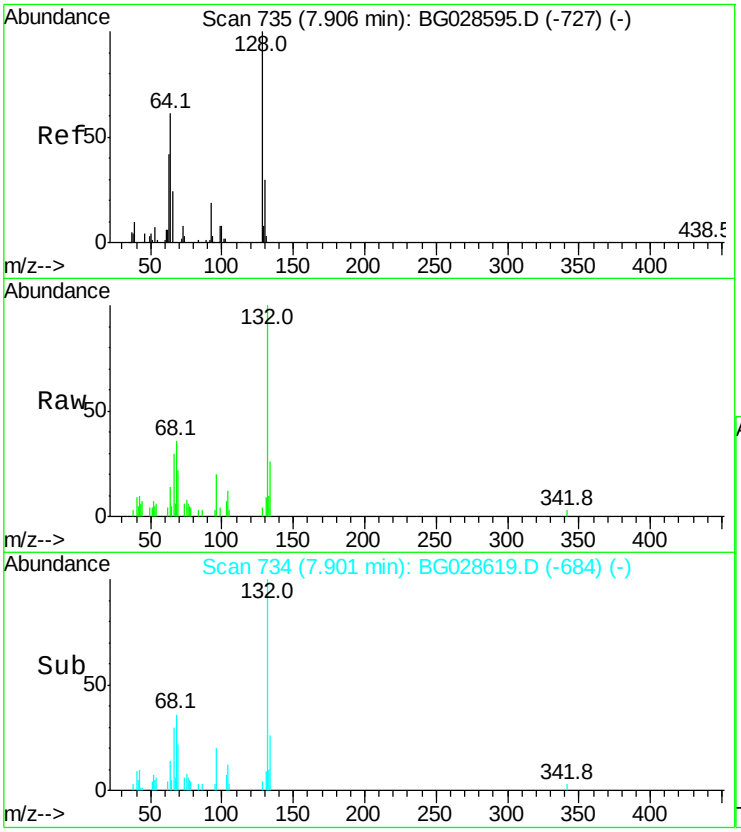




#7
Phenol-d6
Concen: 166.491 ng
RT: 7.49 min Scan# 664
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 99 Resp: 423109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.8 | 20.5 | 30.7# |
| 71 | 42.1 | 37.6 | 56.4 |



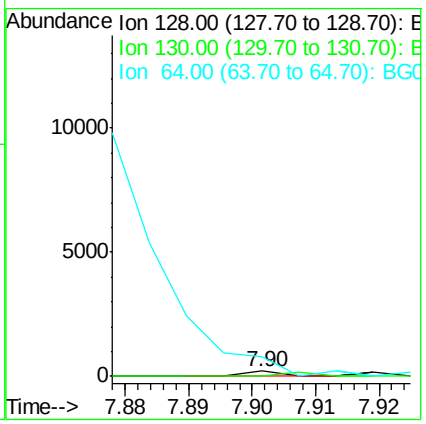


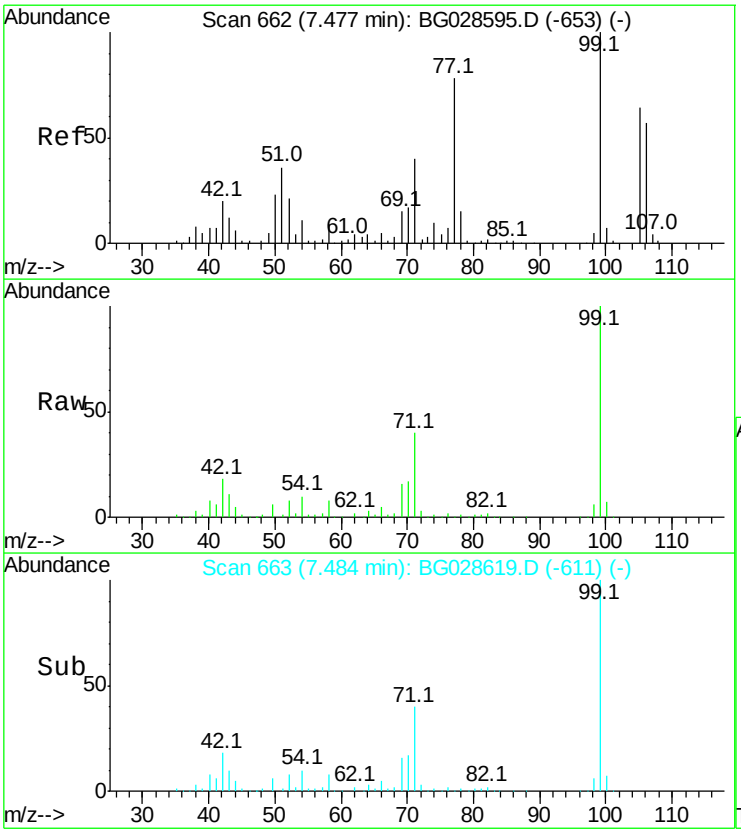

#8
2-Chlorophenol
Concen: 0.038 ng
RT: 7.90 min Scan# 734
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:128 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 0.0 | 11.4 | 51.4# |
| 64 | 373.4 | 46.6 | 86.6# |

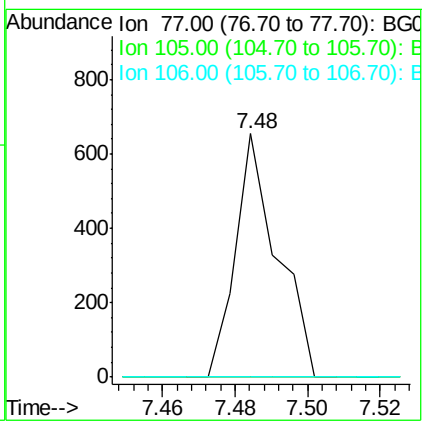


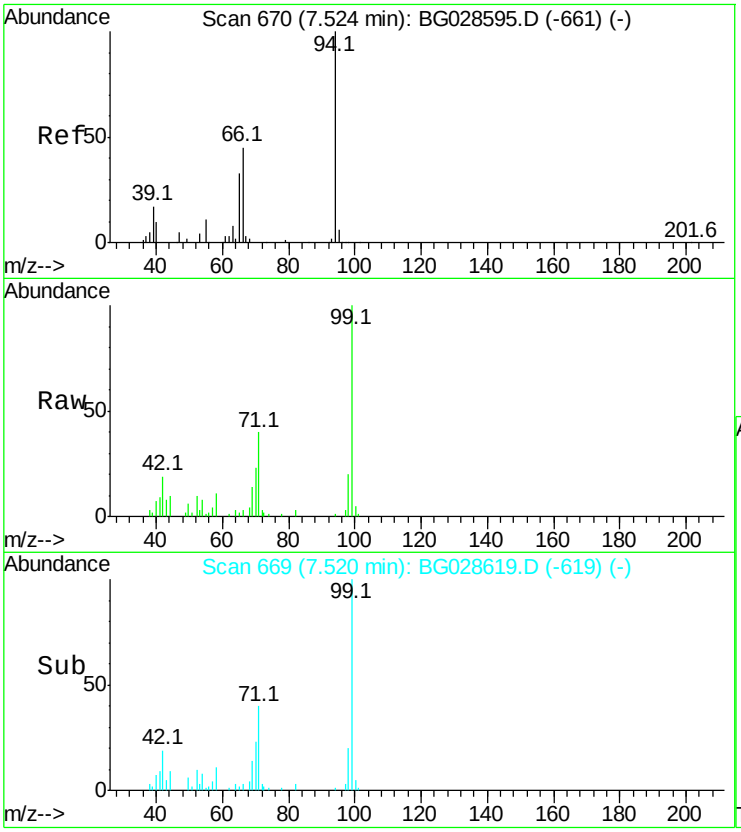




#9
Benzaldehyde
Concen: 0.348 ng
RT: 7.48 min Scan# 663
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 77 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 60.9 | 100.9# |
| 106 | 0.0 | 55.1 | 95.1# |



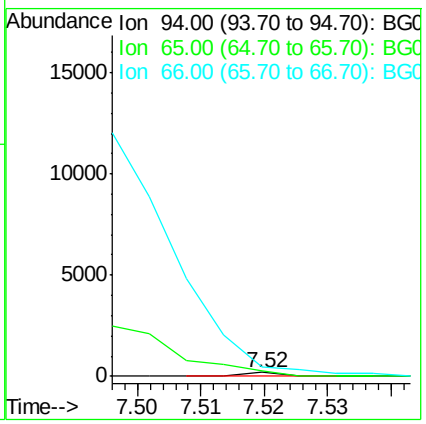


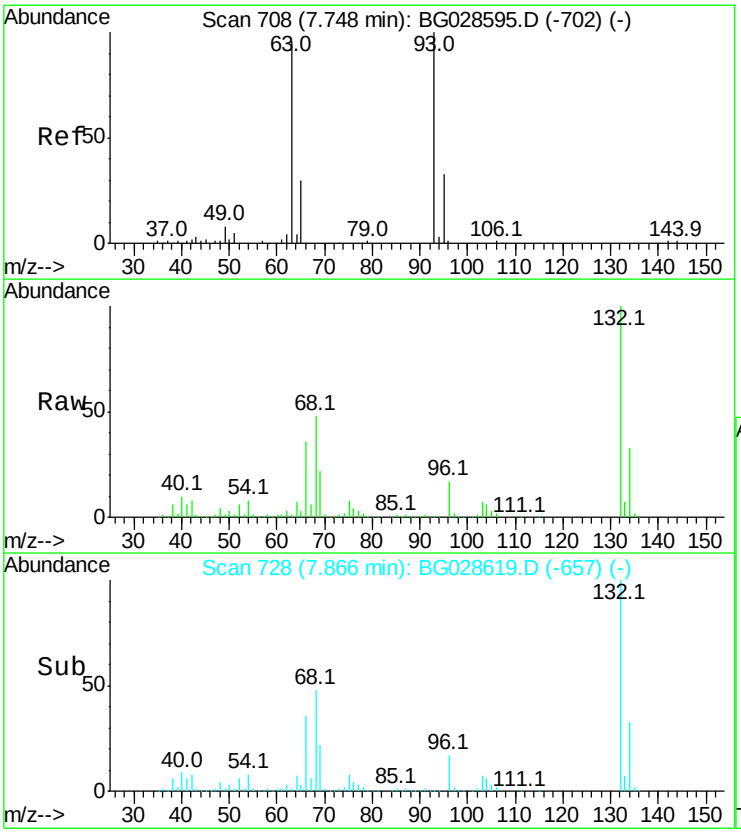

#10
Phenol
Concen: 0.023 ng
RT: 7.52 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 94 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 160.0 | 20.6 | 60.6# |
| 66 | 253.3 | 35.5 | 75.5# |

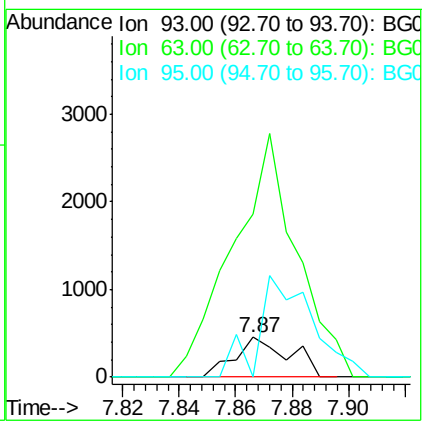


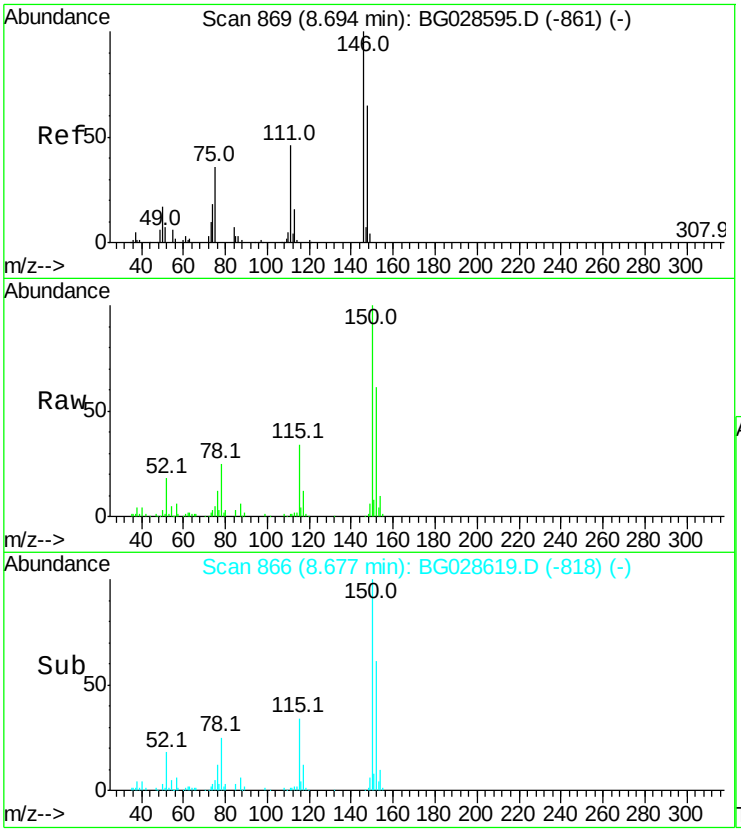




#11
bis(2-Chloroethyl)ether
Concen: 0.299 ng
RT: 7.87 min Scan# 728
Delta R.T. 0.12 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 93 Resp: 606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 411.5 | 78.5 | 118.5# |
| 95 | 0.0 | 9.8 | 49.8# |



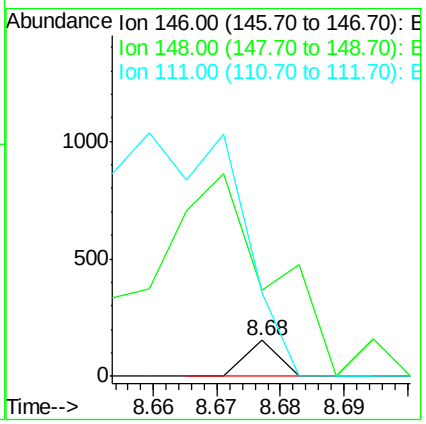


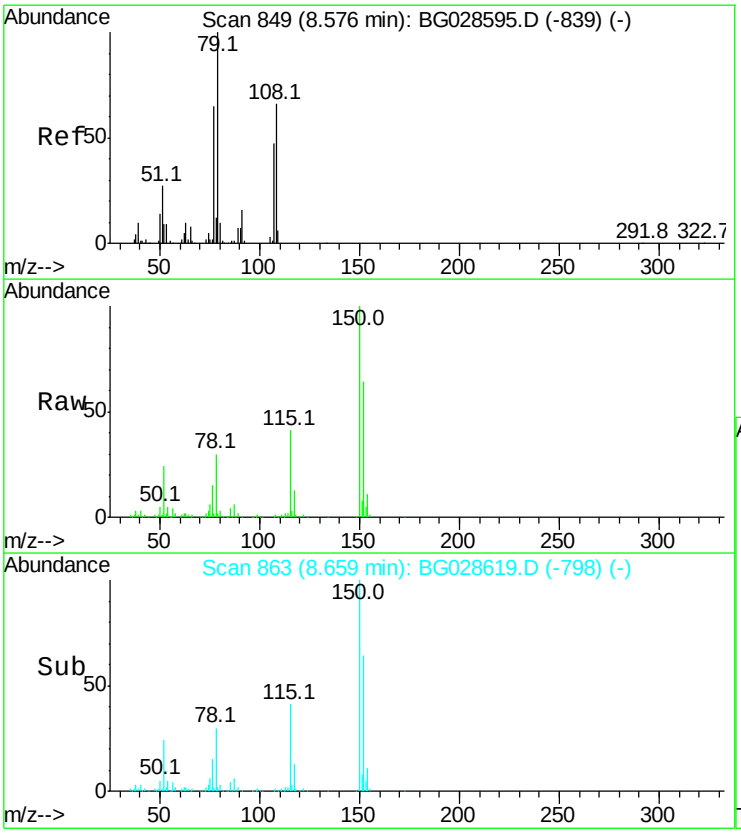

#14
1,2-Dichlorobenzene
Concen: 0.024 ng
RT: 8.68 min Scan# 866
Delta R.T. -0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:146 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 239.9 | 54.6 | 81.8# |
| 111 | 233.3 | 39.7 | 59.5# |

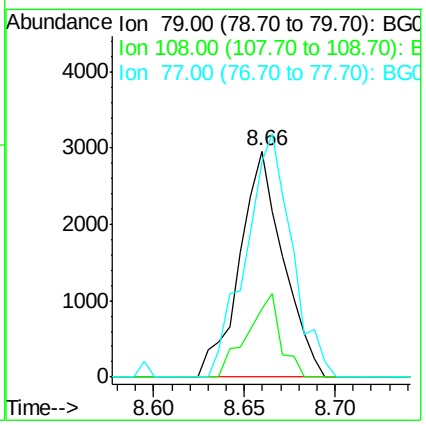


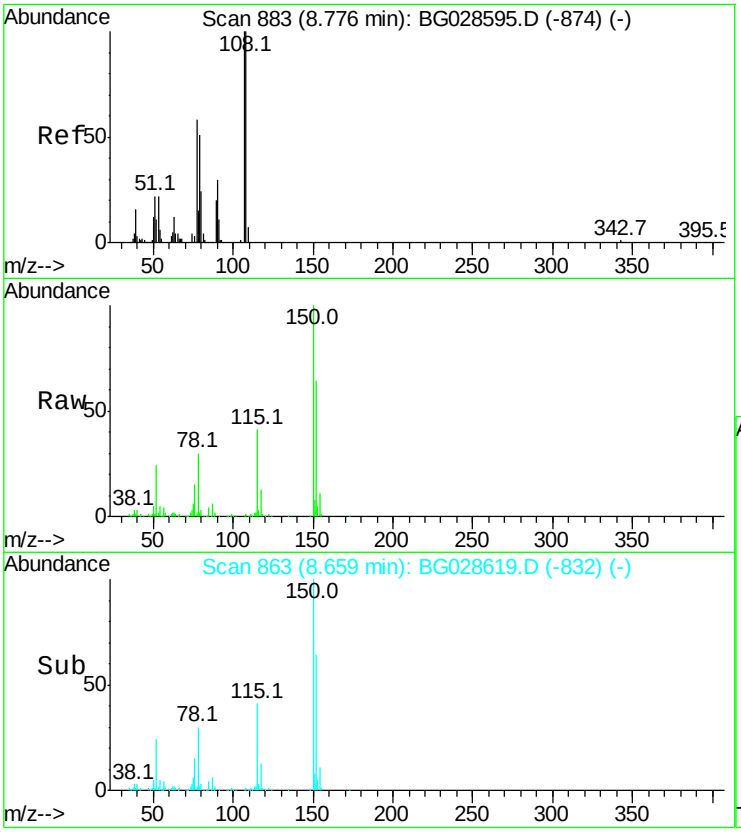




#15
Benzyl Alcohol
Concen: 2.450 ng
RT: 8.66 min Scan# 863
Delta R.T. 0.08 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 79 Resp: 4935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 30.0 | 45.5 | 68.3# |
| 77 | 95.3 | 54.3 | 81.5# |



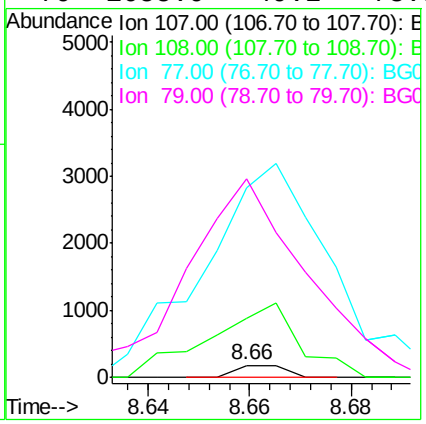


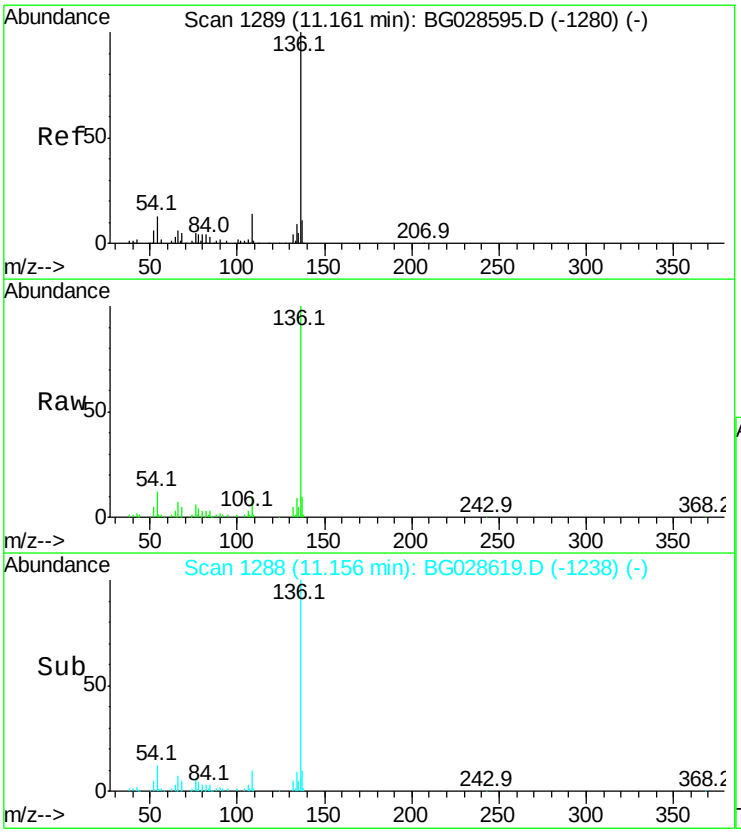

#17
2-Methylphenol
Concen: 0.069 ng
RT: 8.66 min Scan# 863
Delta R.T. -0.12 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:107 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 496.6 | 85.6 | 128.4# |
| 77 | 1577.7 | 51.4 | 77.2# |
| 79 | 1655.9 | 49.2 | 73.8# |

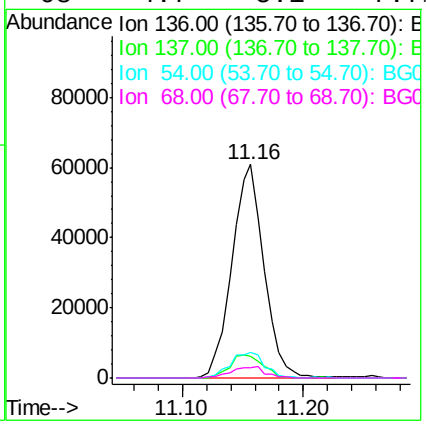


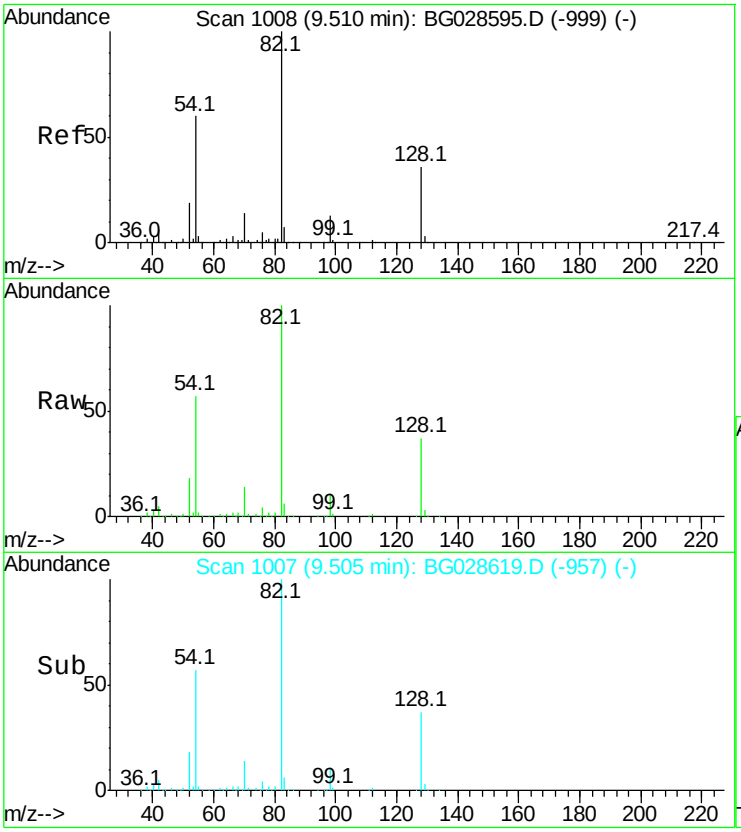




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:136 Resp: 112191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.9 | 13.3 |
| 54 | 11.9 | 9.3 | 13.9 |
| 68 | 4.7 | 5.1 | 7.7# |



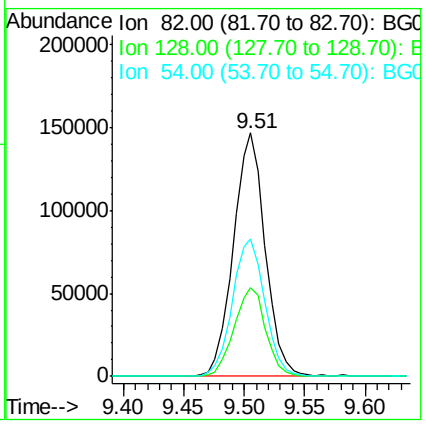


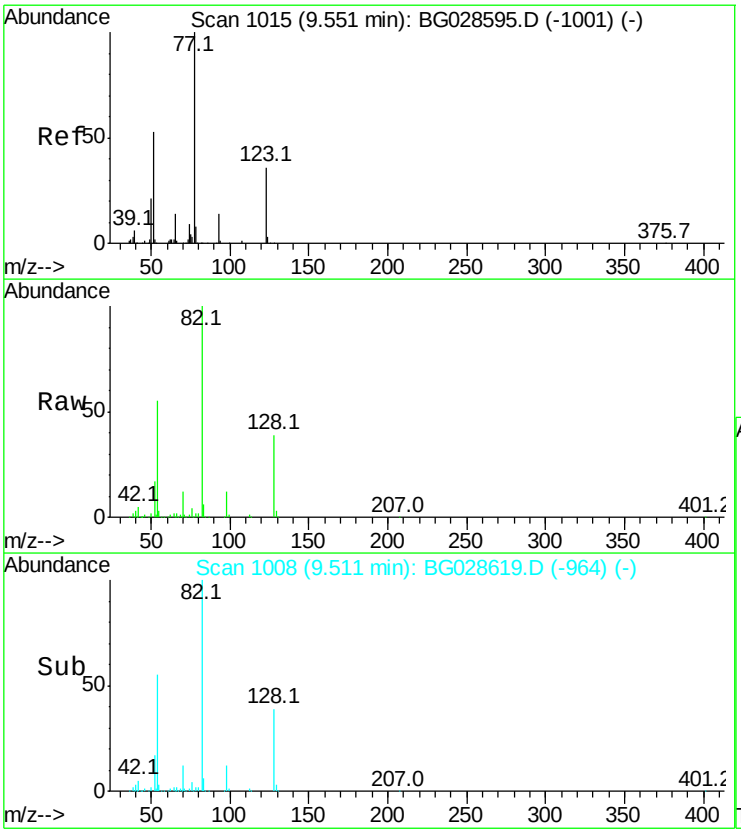

#23
Nitrobenzene-d5
Concen: 109.942 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 82 Resp: 268621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.5 | 26.4 | 39.6 |
| 54 | 56.5 | 49.4 | 74.2 |

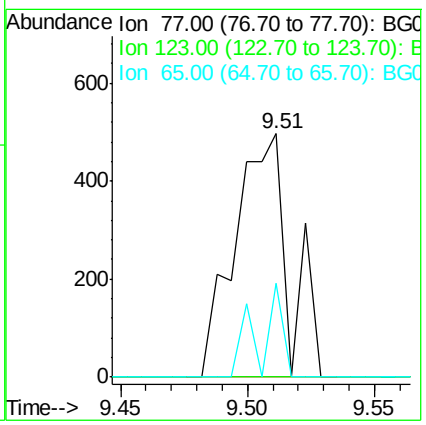


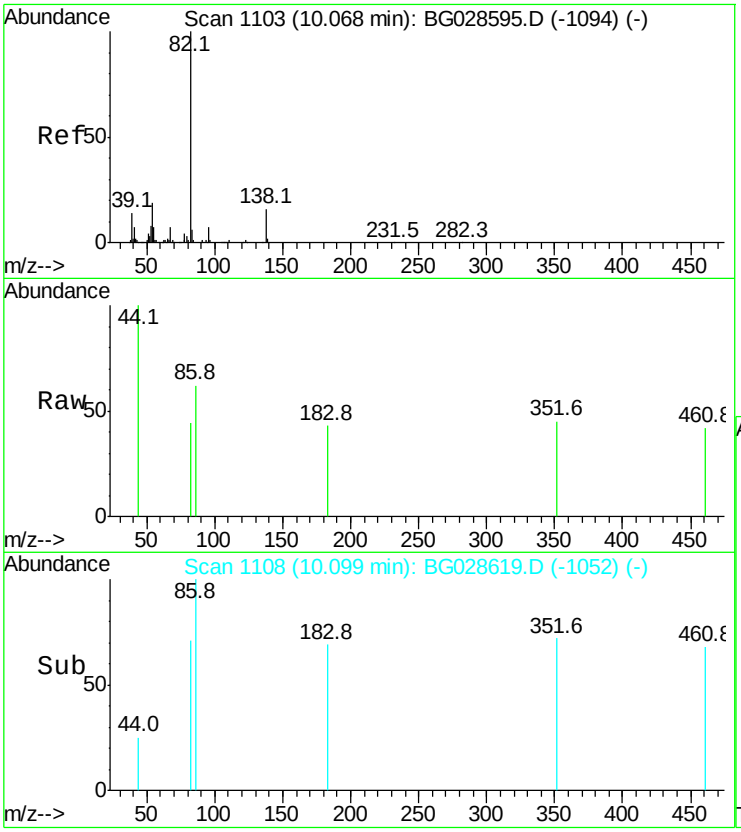




#24
Nitrobenzene
Concen: 0.287 ng
RT: 9.51 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 77 Resp: 741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 26.1 | 39.1# |
| 65 | 38.6 | 12.4 | 18.6# |



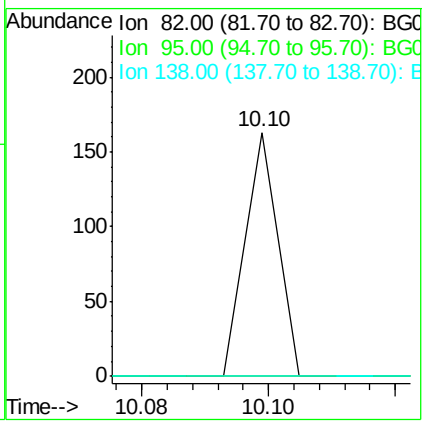


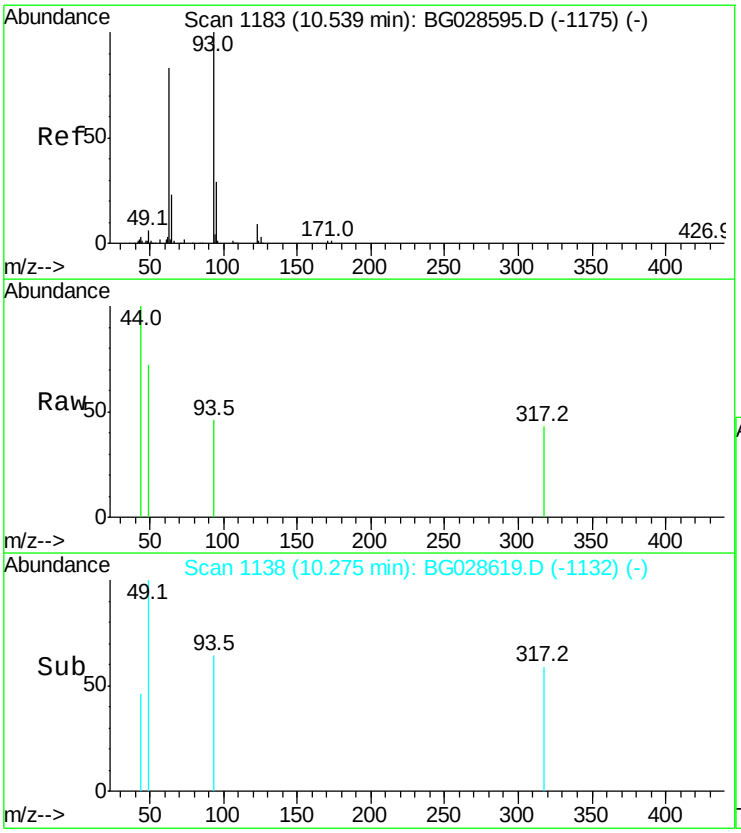

#25
Isophorone
Concen: 0.013 ng
RT: 10.10 min Scan# 1108
Delta R.T. 0.03 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 82 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 7.5 | 11.3# |
| 138 | 0.0 | 12.3 | 18.5# |

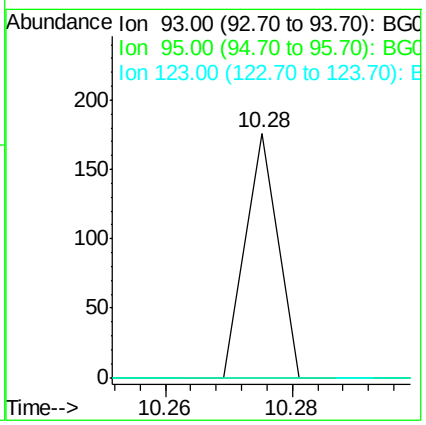


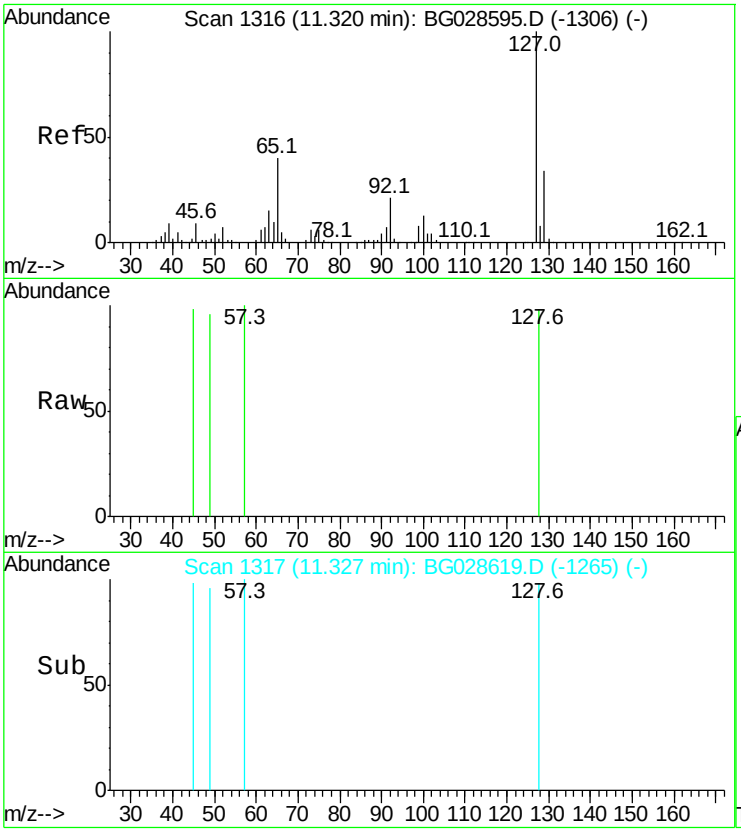




#28
bis(2-Chloroethoxy)methane
Concen: 0.023 ng
RT: 10.28 min Scan# 1138
Delta R.T. -0.26 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion: 93 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 25.7 | 38.5# |
| 123 | 0.0 | 8.3 | 12.5# |



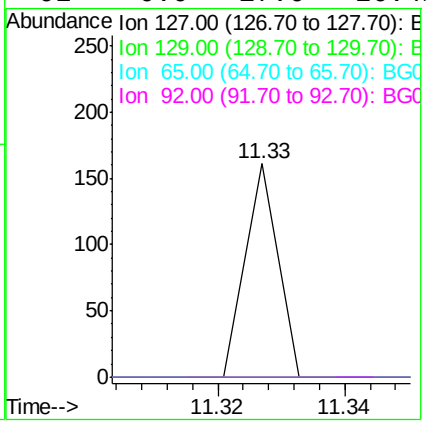


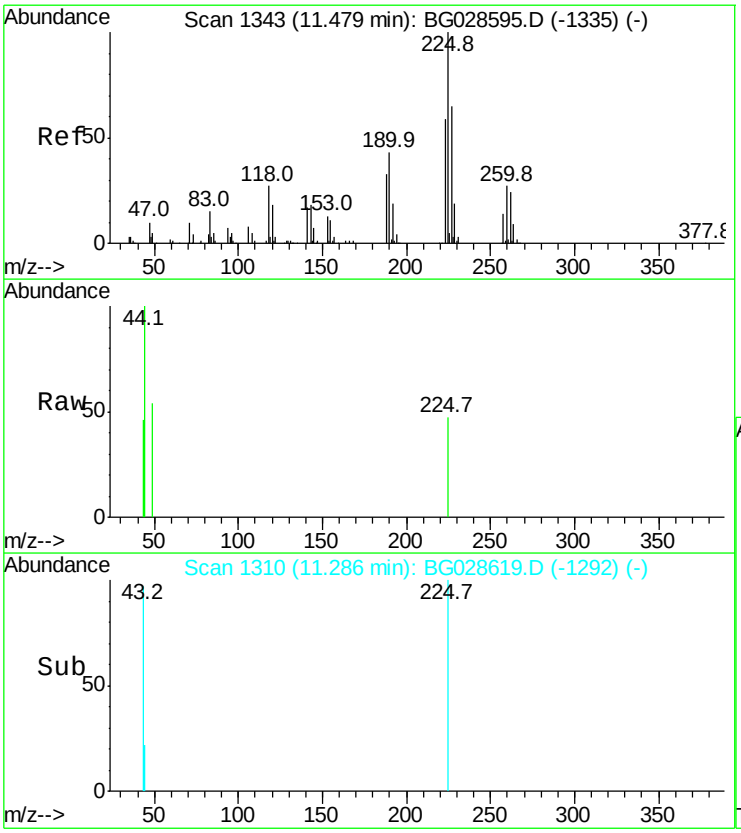

#33
4-Chloroaniline
Concen: 0.022 ng
RT: 11.33 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:127 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 0.0 | 23.6 | 35.4# |
| 65 | 0.0 | 37.7 | 56.5# |
| 92 | 0.0 | 17.6 | 26.4# |

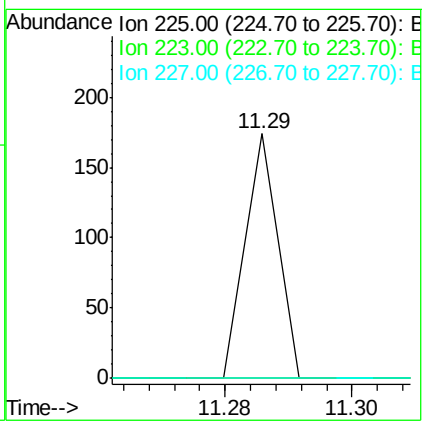


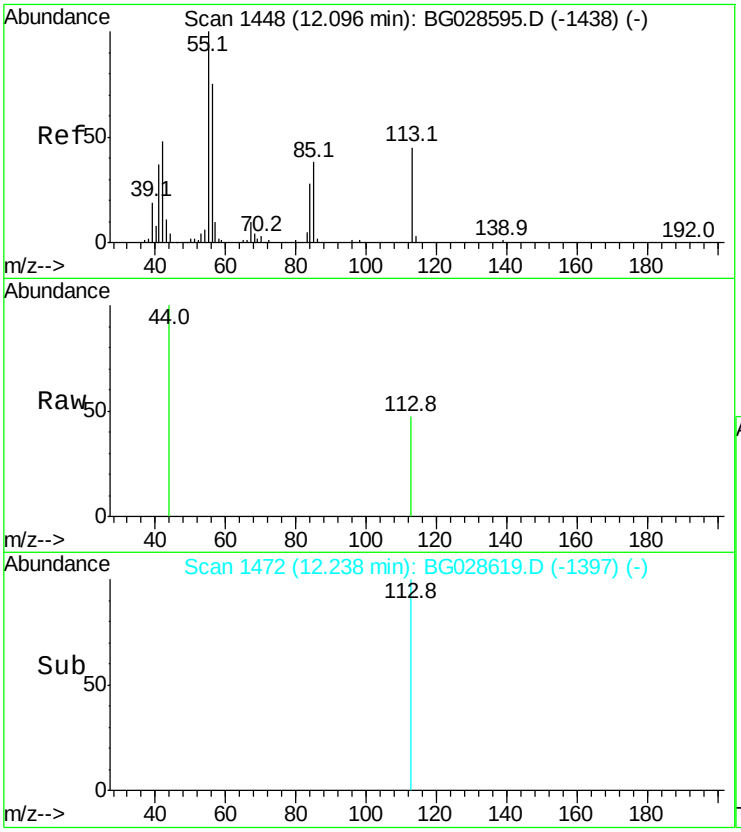




#34
Hexachlorobutadiene
Concen: 0.036 ng
RT: 11.29 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:225 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 50.7 | 76.1# |
| 227 | 0.0 | 49.0 | 73.6# |



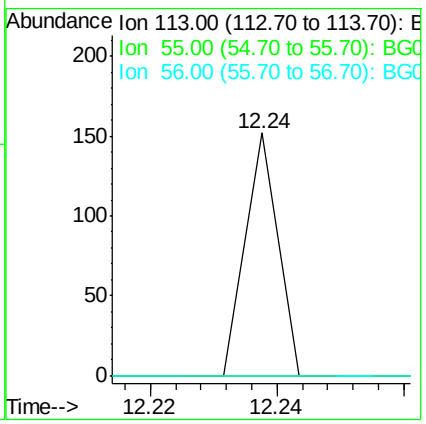


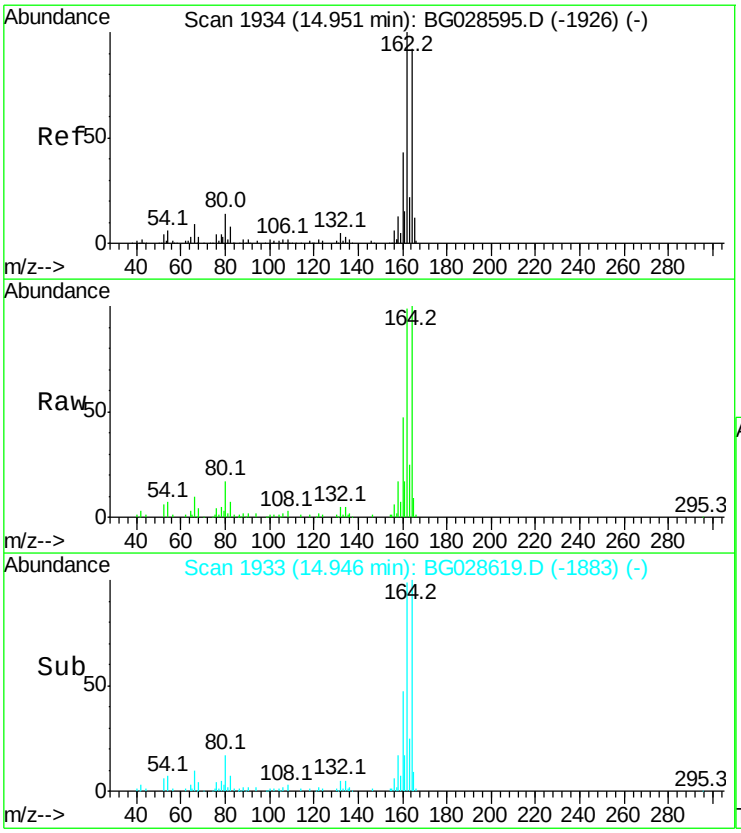

#35
Caprolactam
Concen: 0.075 ng
RT: 12.24 min Scan# 1472
Delta R.T. 0.14 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:113 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 0.0 | 198.6 | 238.6# |
| 56 | 0.0 | 140.4 | 180.4# |

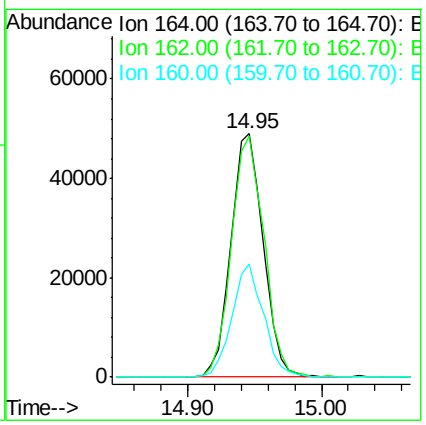


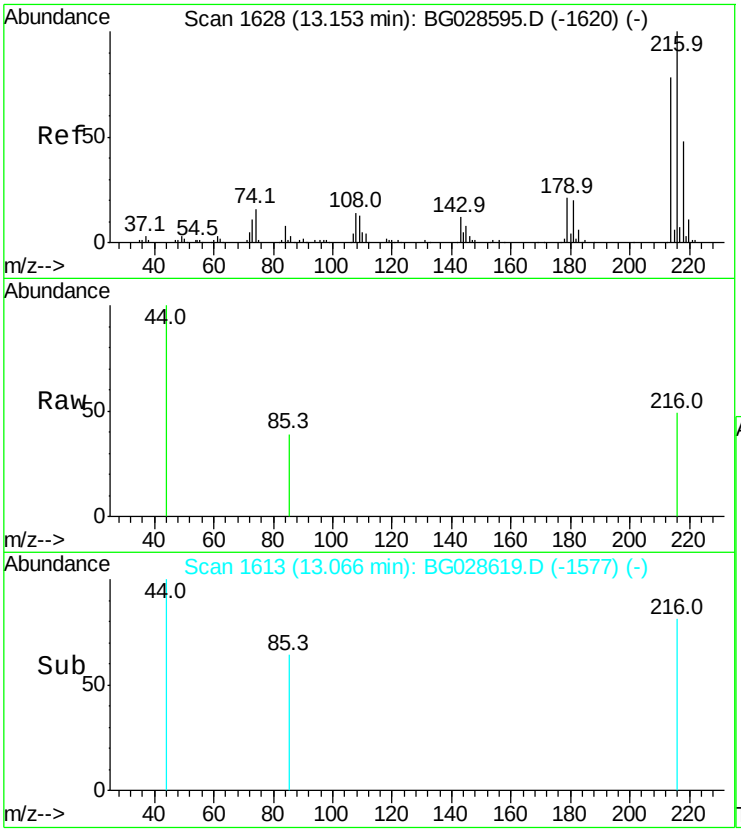




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:164 Resp: 82288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 85.1 | 127.7 |
| 160 | 46.6 | 34.7 | 52.1 |



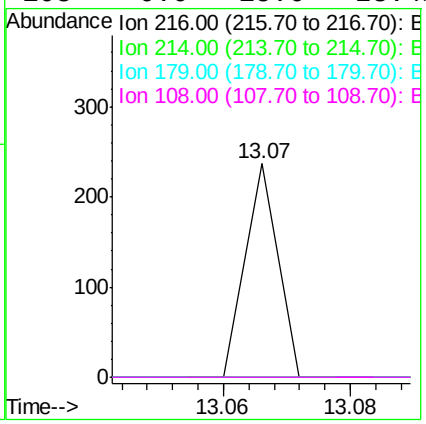


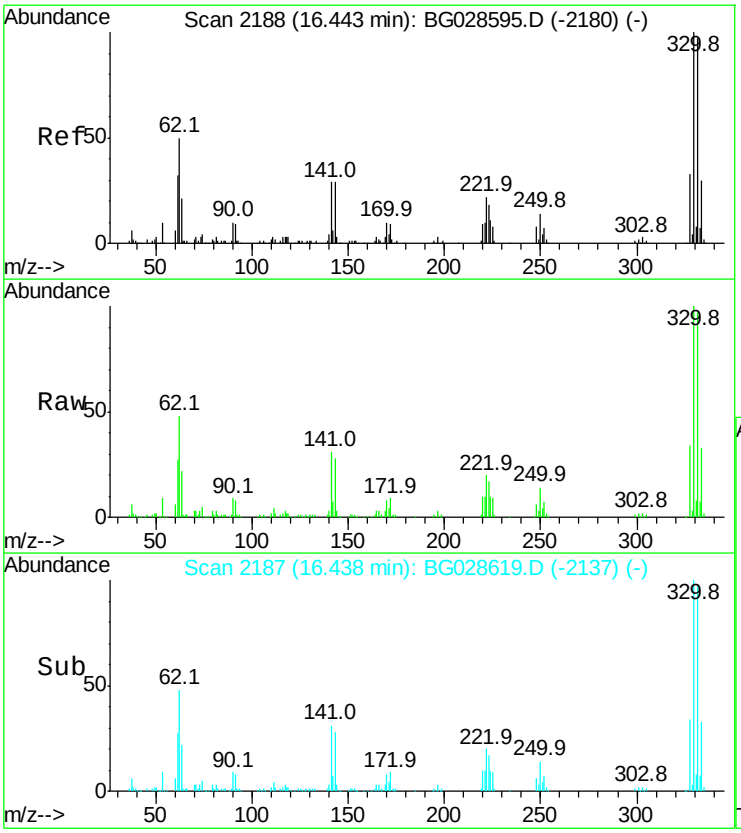

#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.026 ng
RT: 13.07 min Scan# 1613
Delta R.T. -0.09 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:216 Resp: 84

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 0.0 | 64.4 | 96.6# |
| 179 | 0.0 | 17.4 | 26.0# |
| 108 | 0.0 | 15.6 | 23.4# |

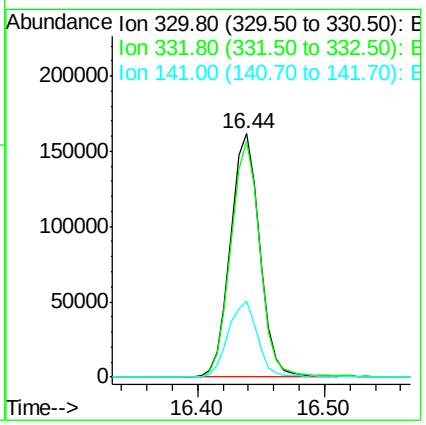


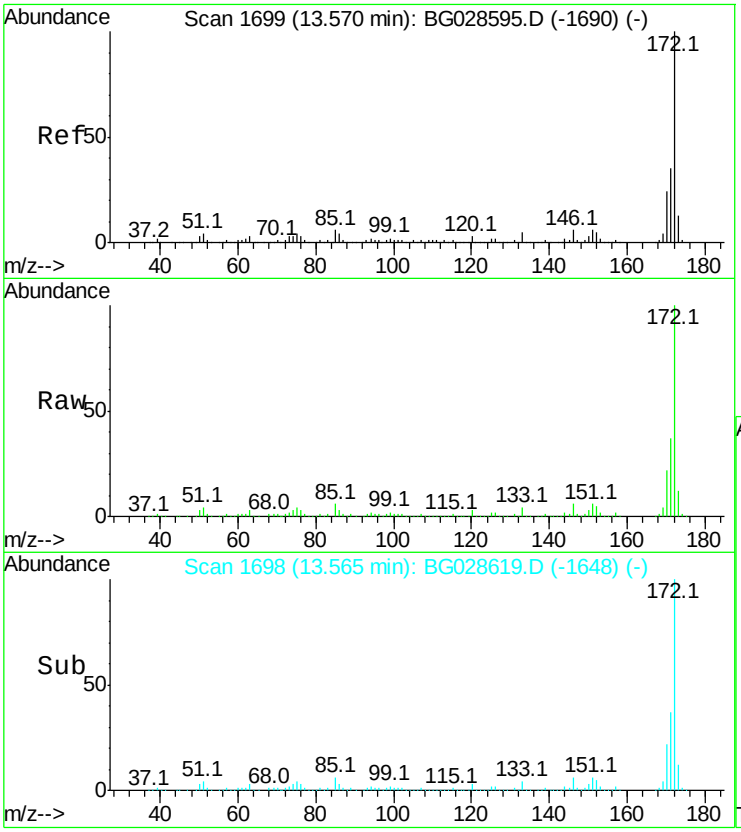




#41
2,4,6-Tribromophenol
Concen: 205.516 ng
RT: 16.44 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:330 Resp: 257038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.3 | 115.9 |
| 141 | 31.3 | 32.1 | 48.1# |



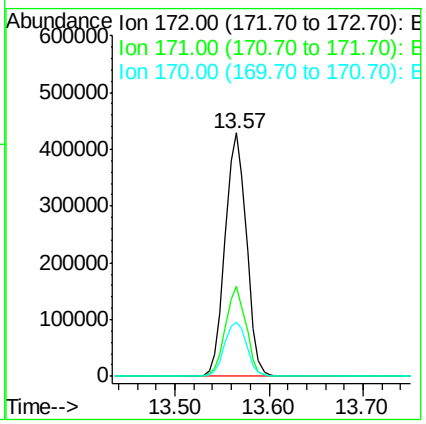


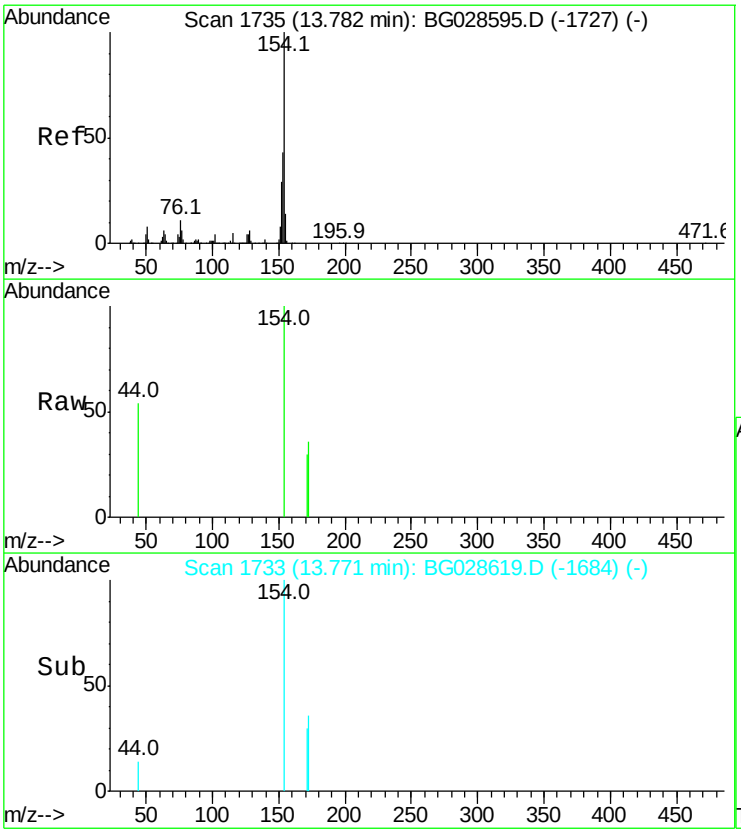

#44
2-Fluorobiphenyl
Concen: 107.616 ng
RT: 13.57 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:172 Resp: 676912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 32.2 | 48.2 |
| 170 | 22.3 | 21.8 | 32.6 |

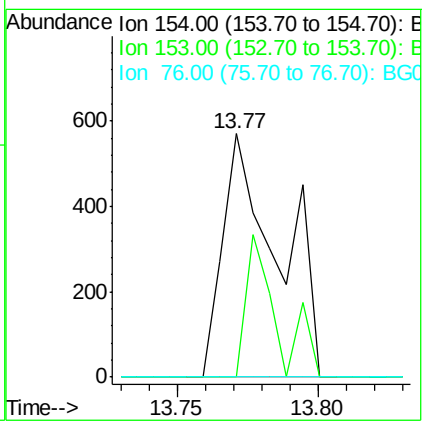


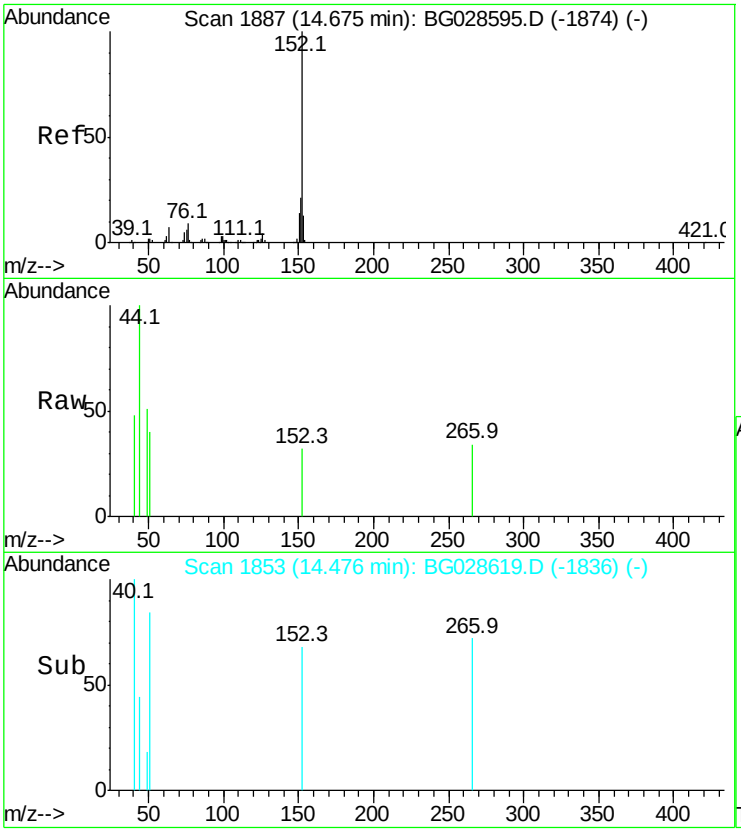




#45
1,1'-Biphenyl
Concen: 0.112 ng
RT: 13.77 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:154 Resp: 774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 23.0 | 63.0# |
| 76 | 0.0 | 0.0 | 33.5 |



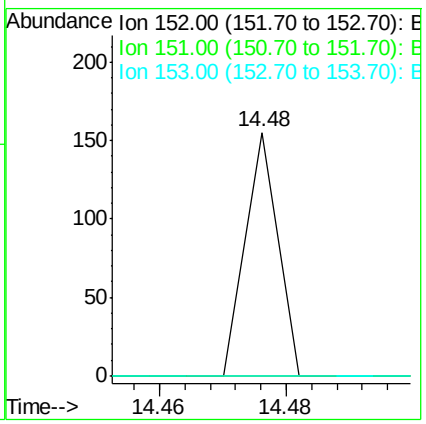


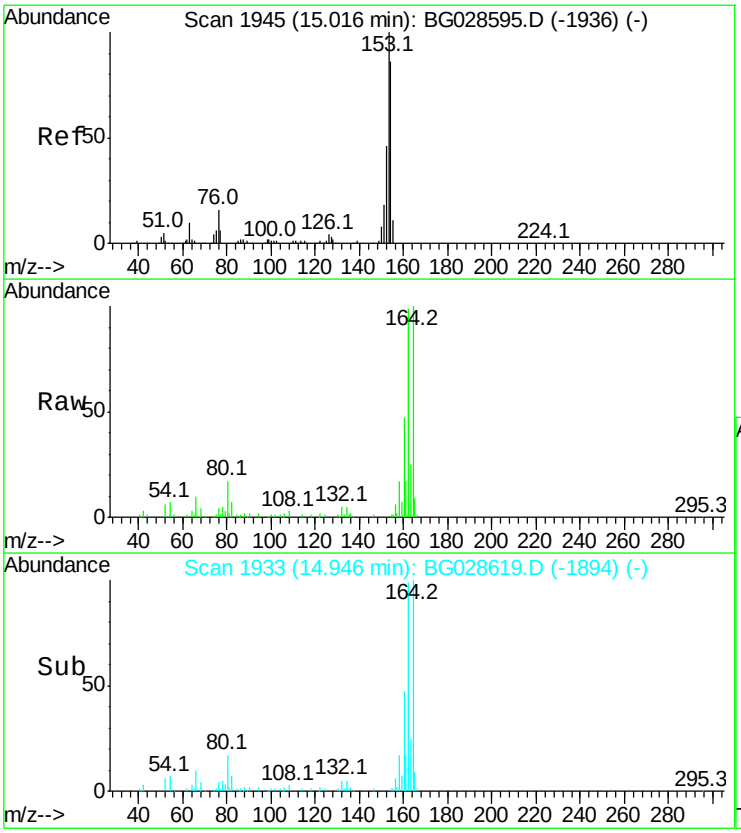

#48
Acenaphthylene
Concen: 0.007 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.20 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:152 Resp: 55

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 18.2 | 27.2# |
| 153 | 0.0 | 11.3 | 16.9# |

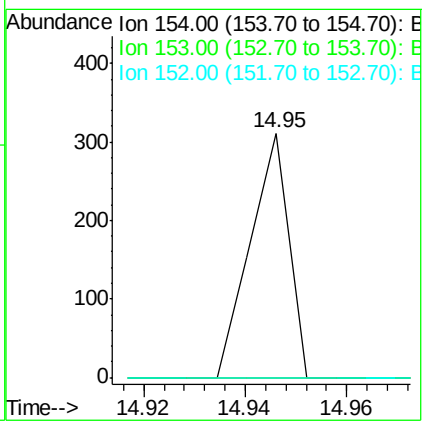


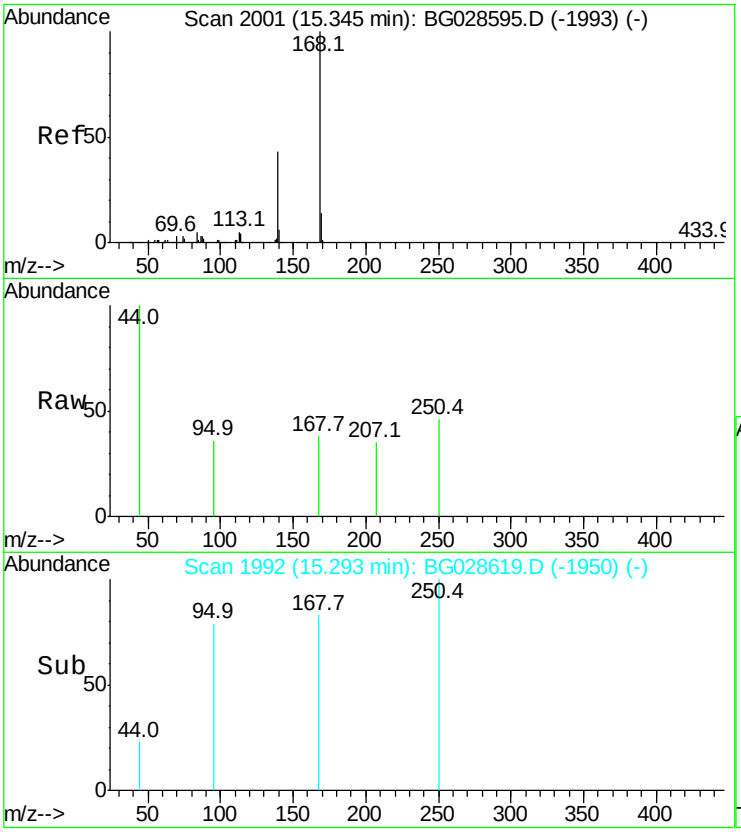




#51
Acenaphthene
Concen: 0.033 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.07 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:154 Resp: 164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 87.8 | 131.6# |
| 152 | 0.0 | 42.2 | 63.4# |



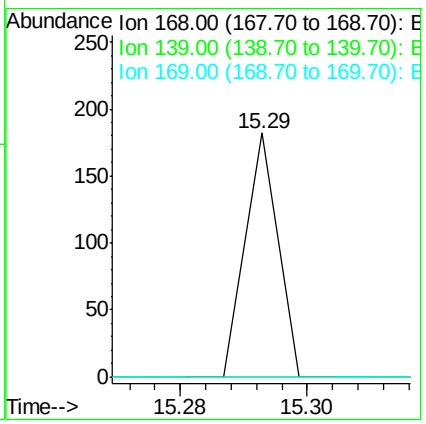


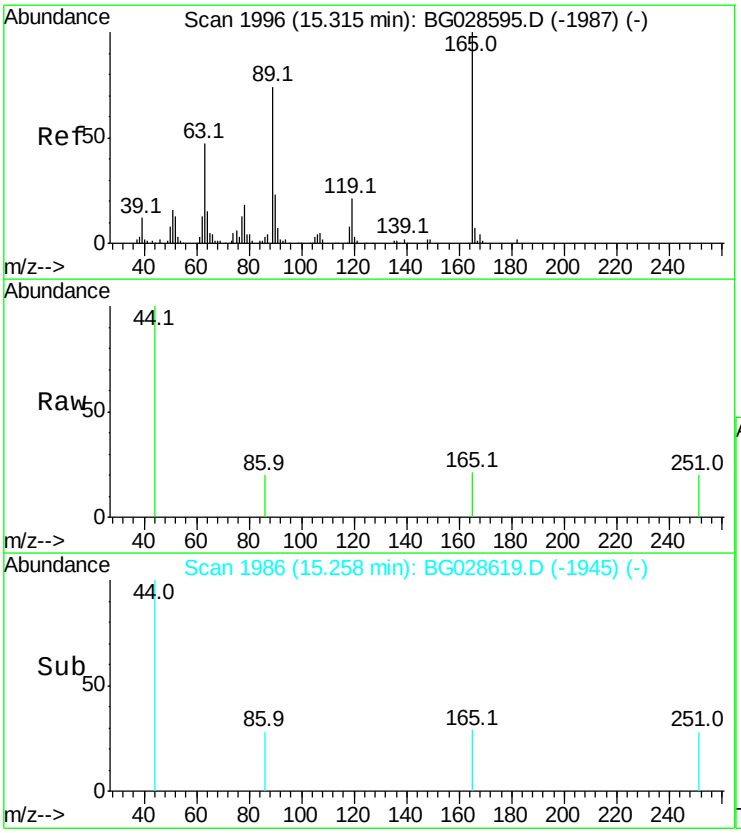

#54
Dibenzofuran
Concen: 0.008 ng
RT: 15.29 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:168 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 0.0 | 35.3 | 52.9# |
| 169 | 0.0 | 11.5 | 17.3# |

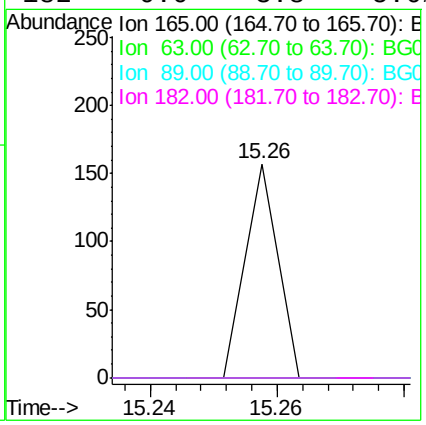


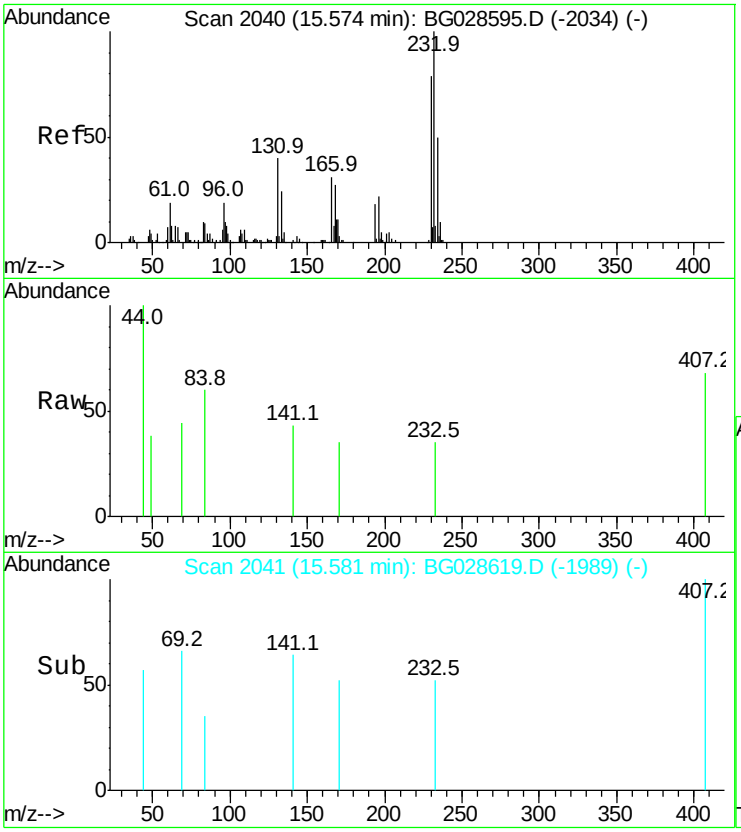




#56
2,4-Dinitrotoluene
Concen: 0.026 ng
RT: 15.26 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:165 Resp: 55

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.0 | 66.0# |
| 89 | 0.0 | 67.3 | 100.9# |
| 182 | 0.0 | 3.8 | 5.6# |



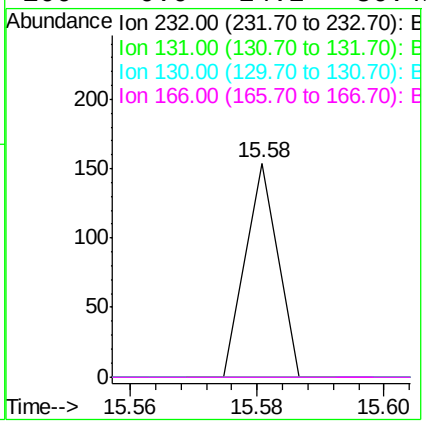


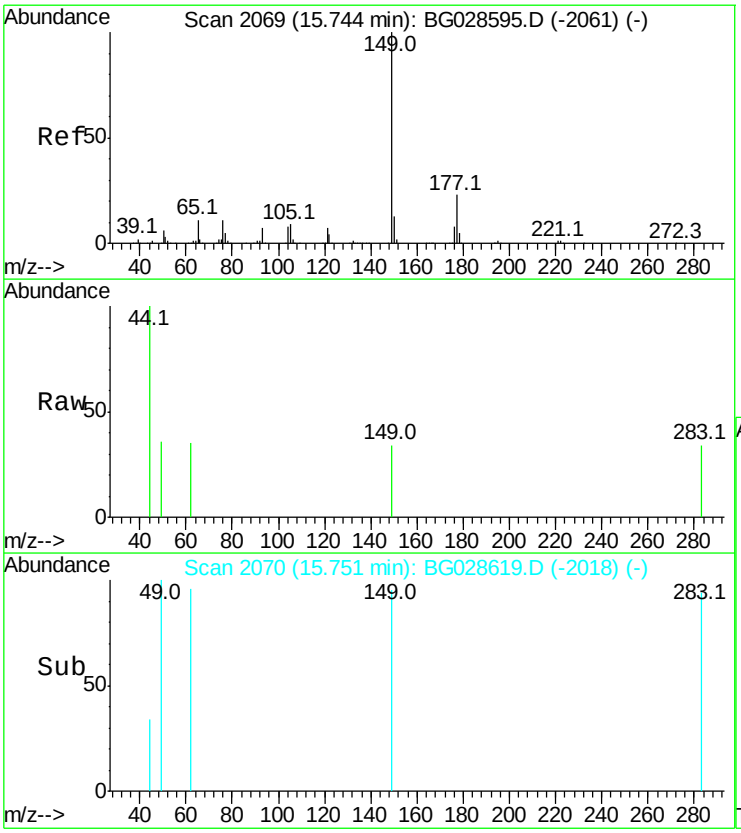

#58
2,3,4,6-Tetrachlorophenol
Concen: 0.030 ng
RT: 15.58 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:232 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 0.0 | 34.9 | 52.3# |
| 130 | 0.0 | 2.3 | 3.5# |
| 166 | 0.0 | 24.2 | 36.4# |

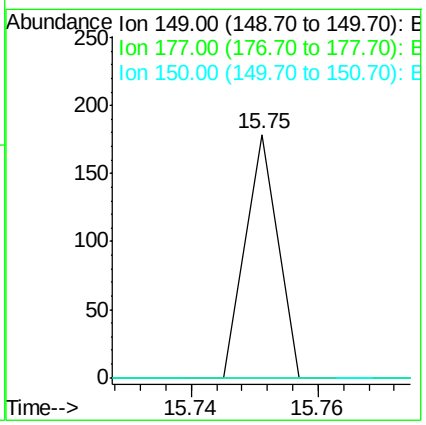


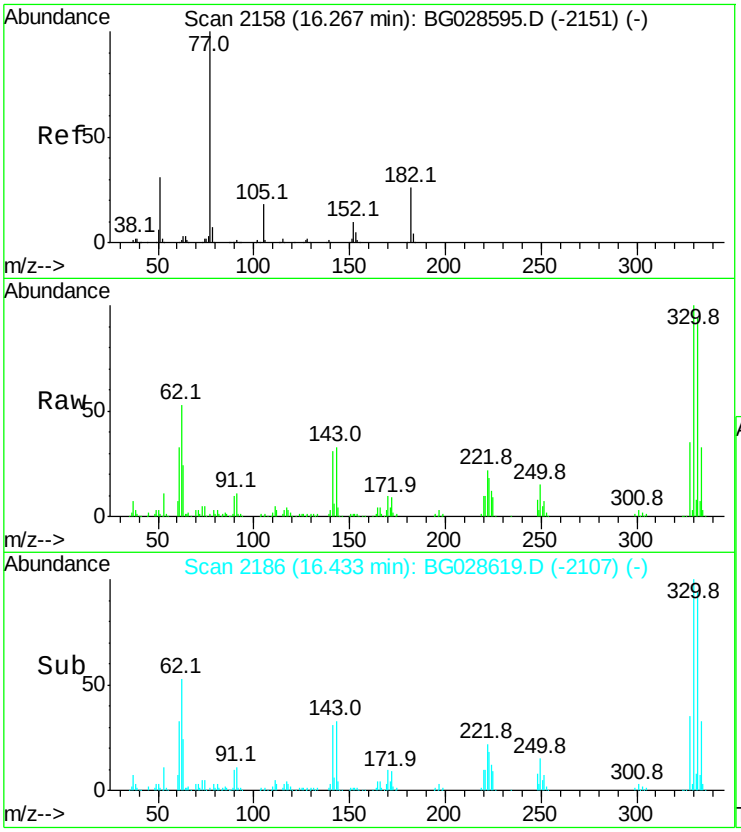




#59
Diethylphthalate
Concen: 0.009 ng
RT: 15.75 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:149 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 20.1 | 30.1# |
| 150 | 0.0 | 10.2 | 15.2# |



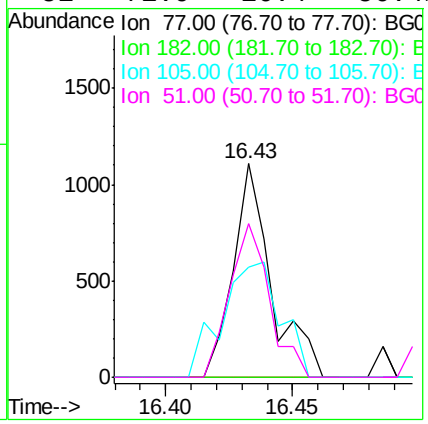


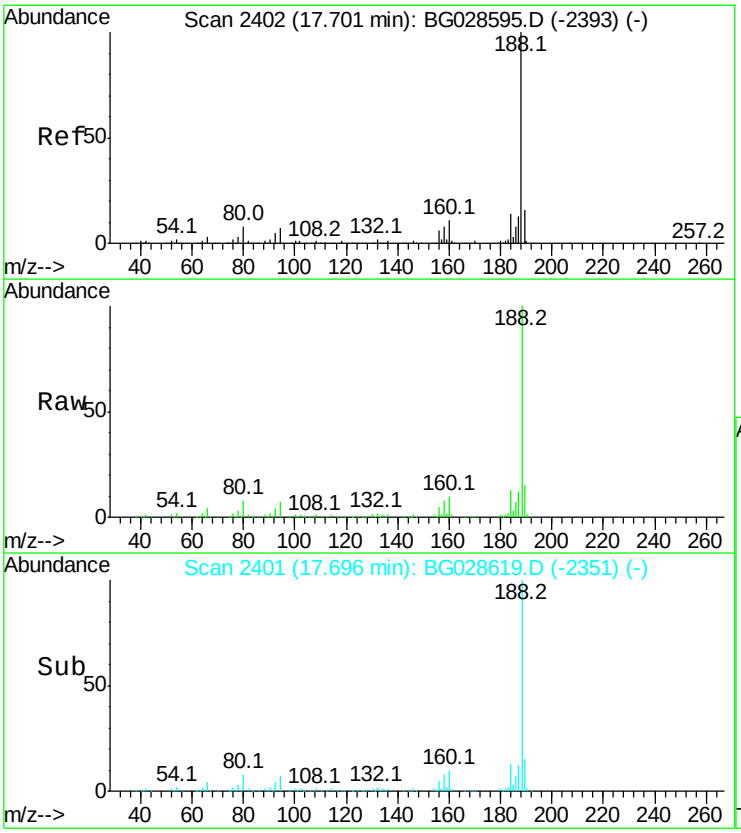

#62
Azobenzene
Concen: 0.182 ng
RT: 16.43 min Scan# 2186
Delta R.T. 0.17 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion: 77 Resp: 1154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 4.7 | 44.7# |
| 105 | 51.4 | 0.0 | 36.3# |
| 51 | 71.9 | 16.4 | 56.4# |

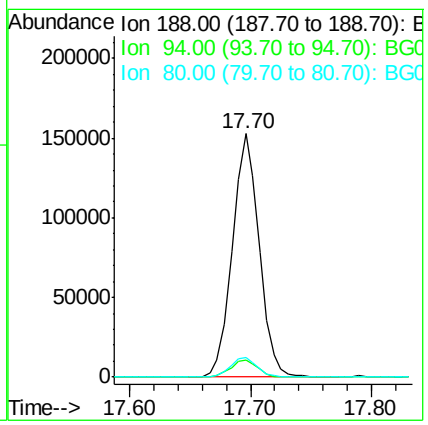


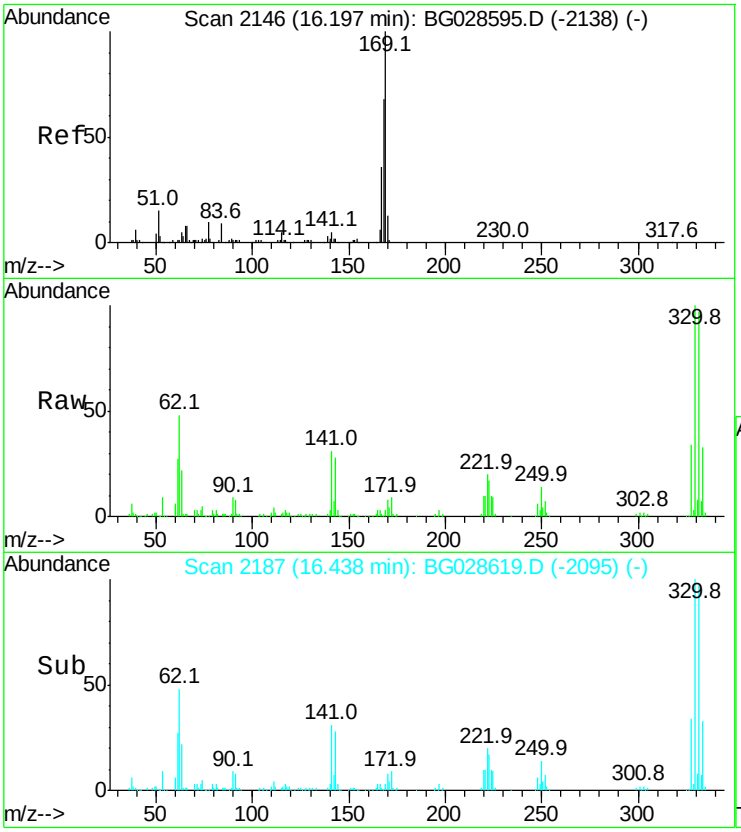




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:188 Resp: 235091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 5.8 | 8.8 |
| 80 | 8.0 | 7.5 | 11.3 |



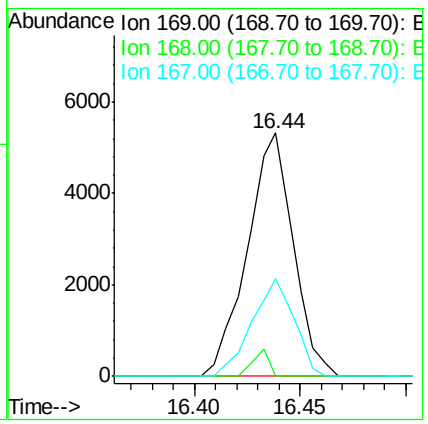


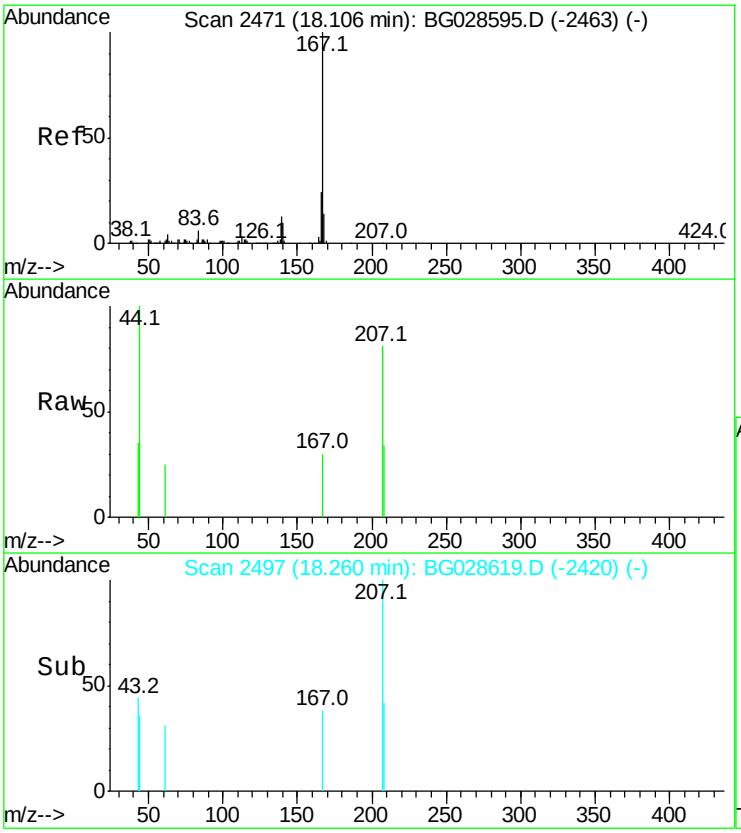

#65
n-Nitrosodiphenylamine
Concen: 1.159 ng
RT: 16.44 min Scan# 2187
Delta R.T. 0.24 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:169 Resp: 8044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 55.7 | 83.5# |
| 167 | 40.3 | 29.8 | 44.6 |

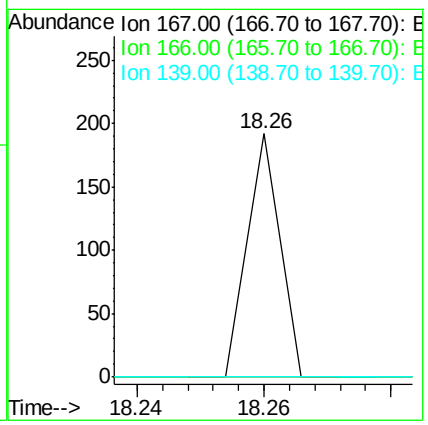


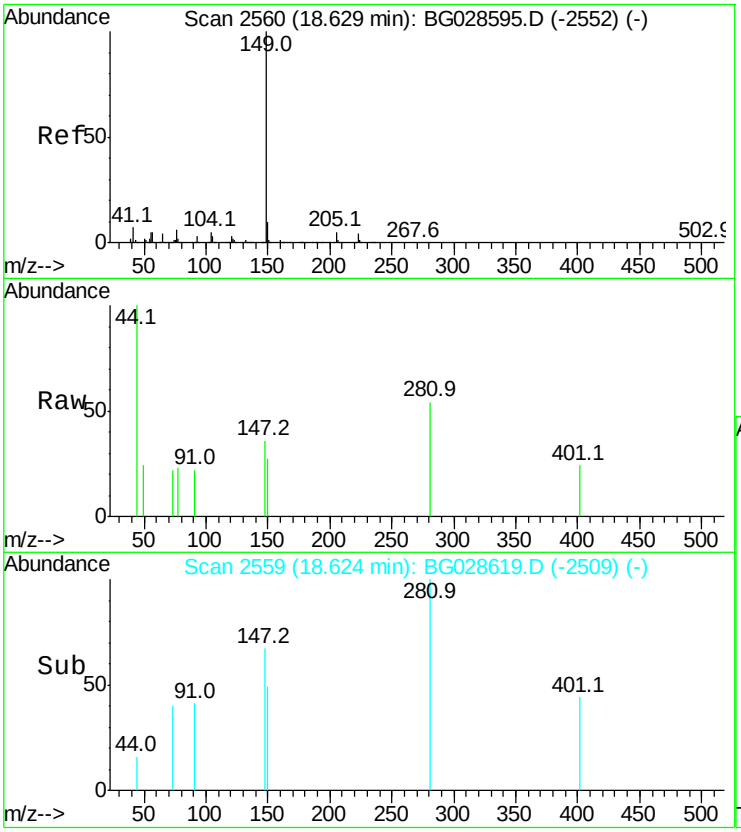




#72
Carbazole
Concen: 0.006 ng
RT: 18.26 min Scan# 2497
Delta R.T. 0.15 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:167 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 20.2 | 30.2# |
| 139 | 0.0 | 12.8 | 19.2# |



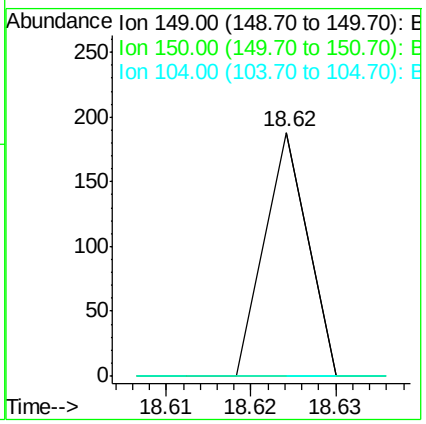


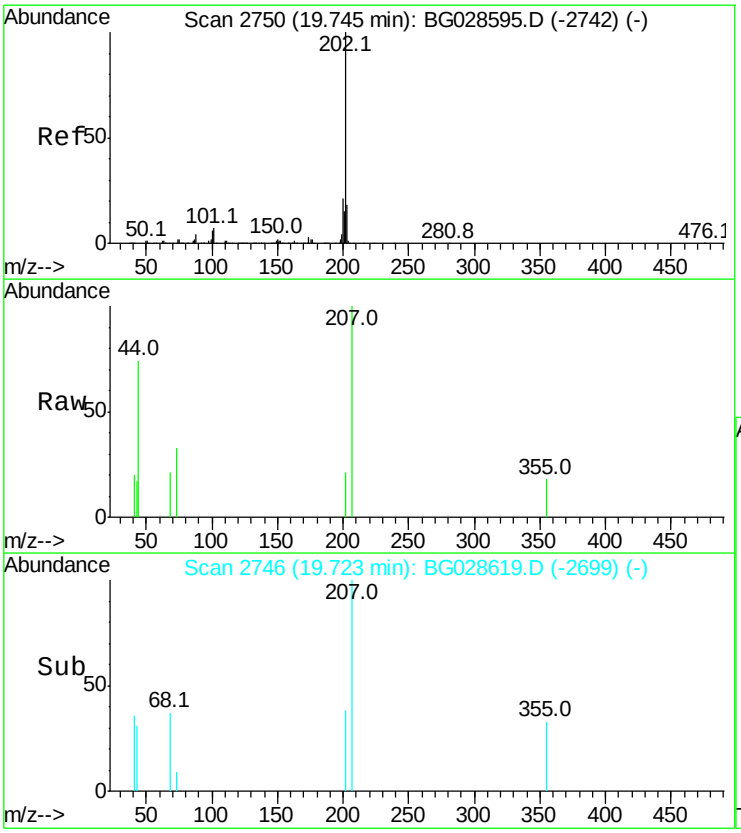

#73
Di-n-butylphthalate
Concen: 0.005 ng
RT: 18.62 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:149 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 9.1 | 13.7# |
| 104 | 0.0 | 6.7 | 10.1# |

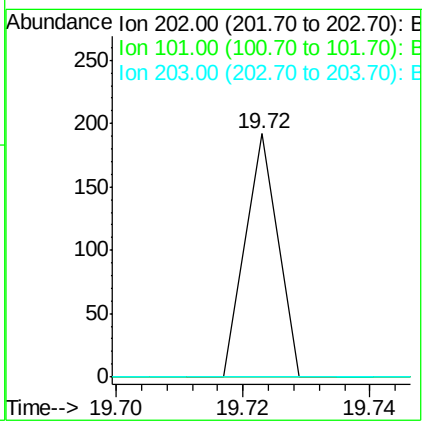


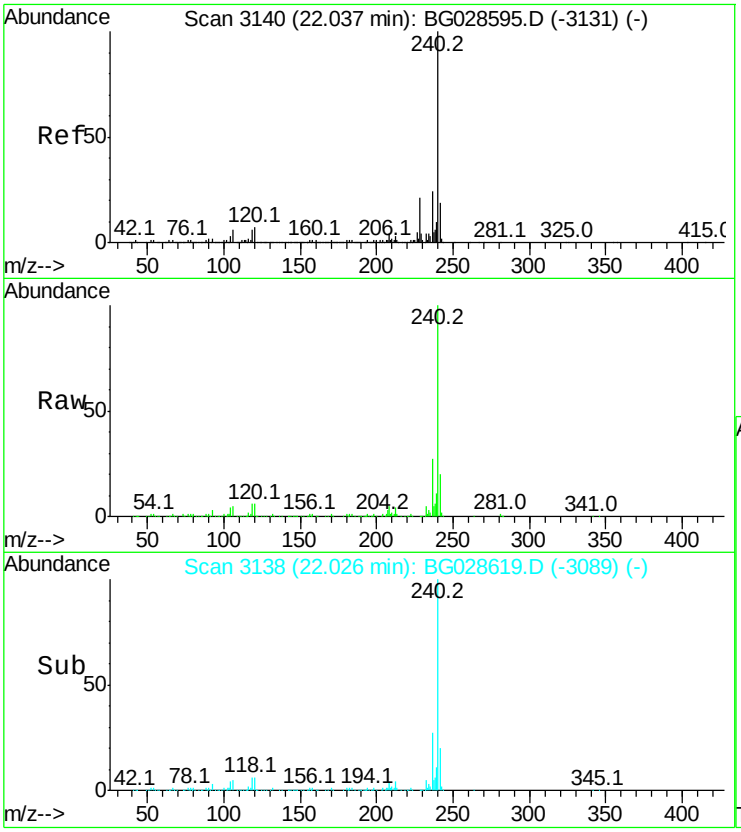




#74
Fluoranthene
Concen: 0.004 ng
RT: 19.72 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:202 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 0.0 | 30.1 |
| 203 | 0.0 | 1.3 | 41.3# |



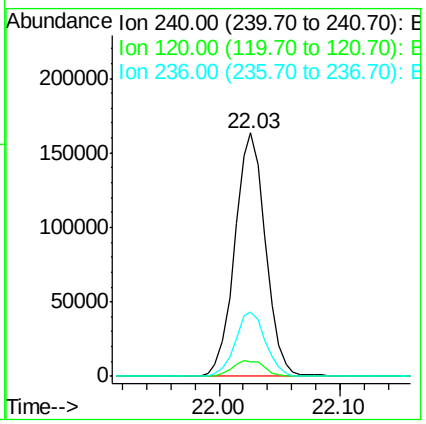


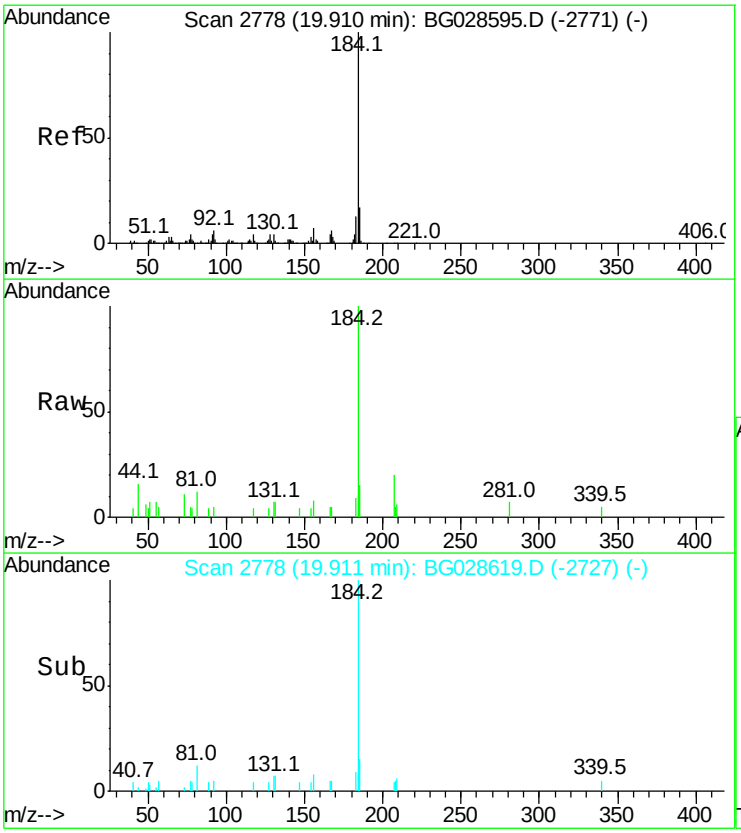

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:240 Resp: 289998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 5.7 | 8.5 |
| 236 | 26.6 | 22.2 | 33.4 |

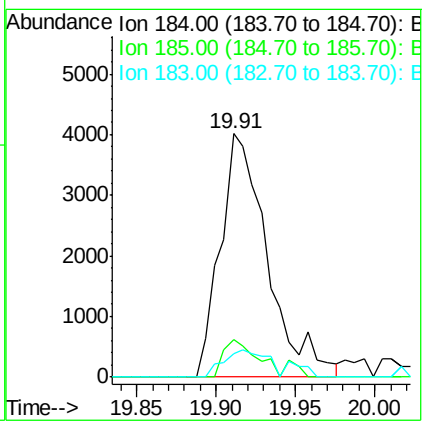


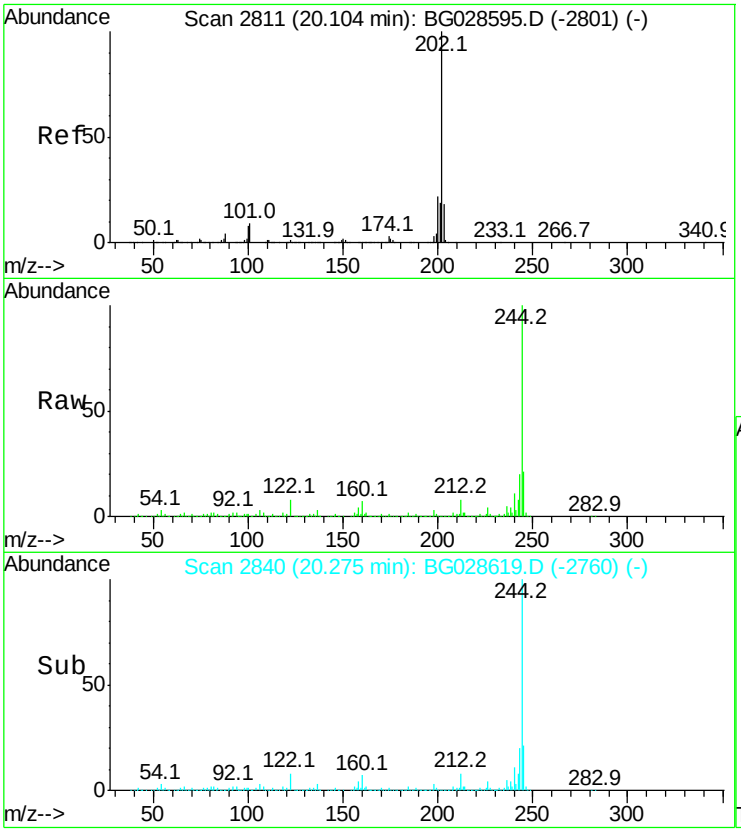




#76
Benzidine
Concen: 1.406 ng
RT: 19.91 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:184 Resp: 8286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 13.0 | 19.6 |
| 183 | 9.4 | 11.0 | 16.6# |



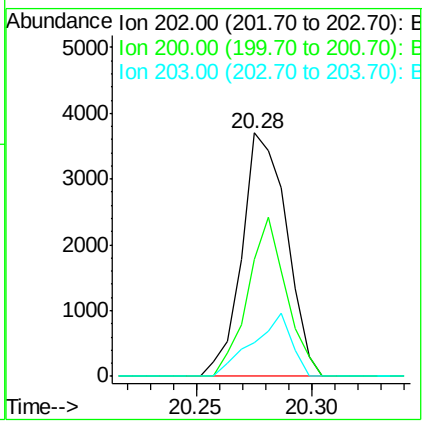


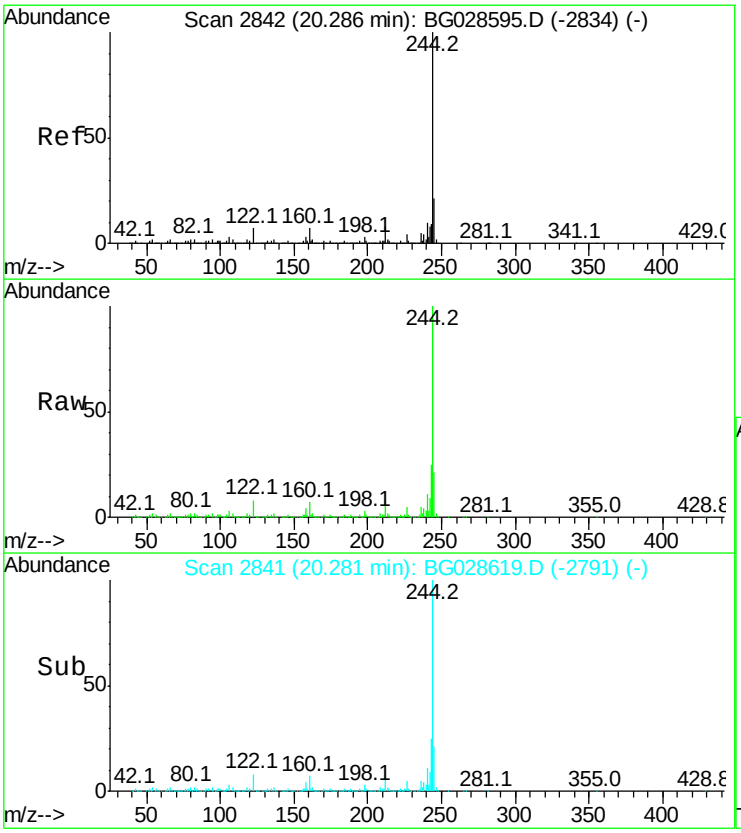

#77
Pyrene
Concen: 0.290 ng
RT: 20.28 min Scan# 2840
Delta R.T. 0.17 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:202 Resp: 4996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 47.8 | 19.6 | 29.4# |
| 203 | 13.9 | 15.8 | 23.8# |

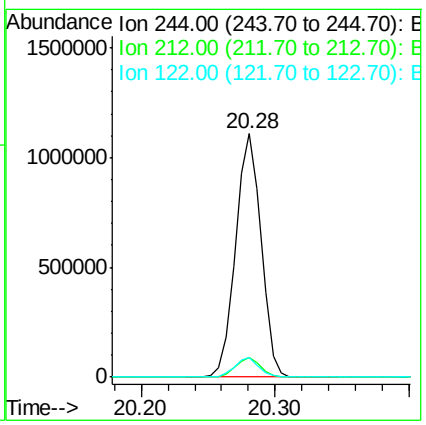


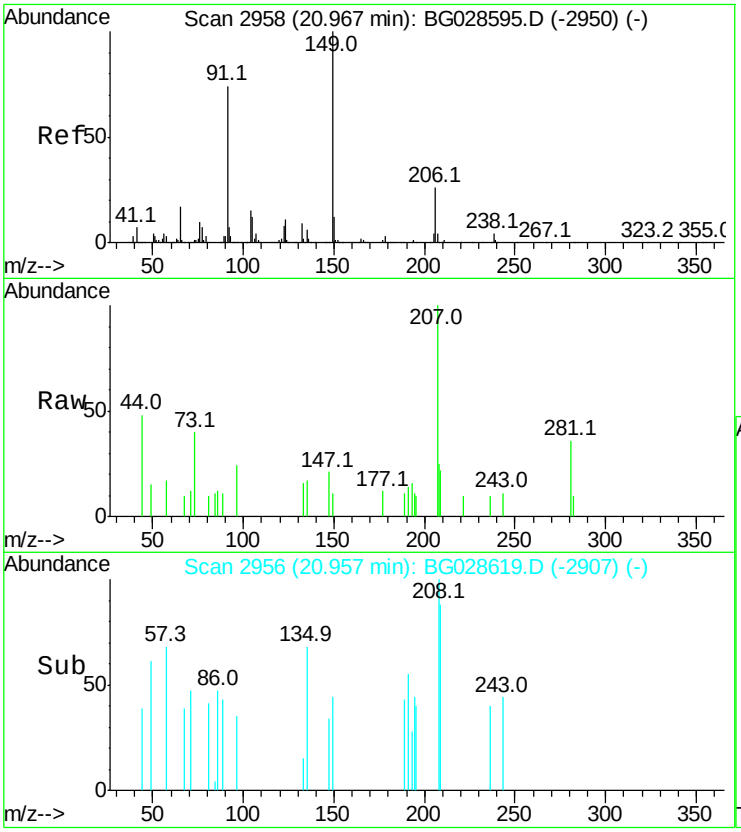




#78
Terphenyl-d14
Concen: 108.549 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:244 Resp: 1461075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 10.0 | 15.0# |
| 122 | 8.0 | 8.6 | 12.8# |



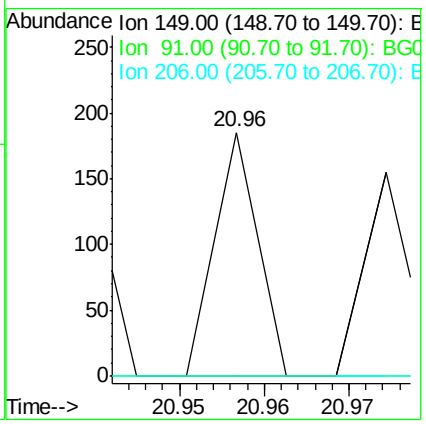


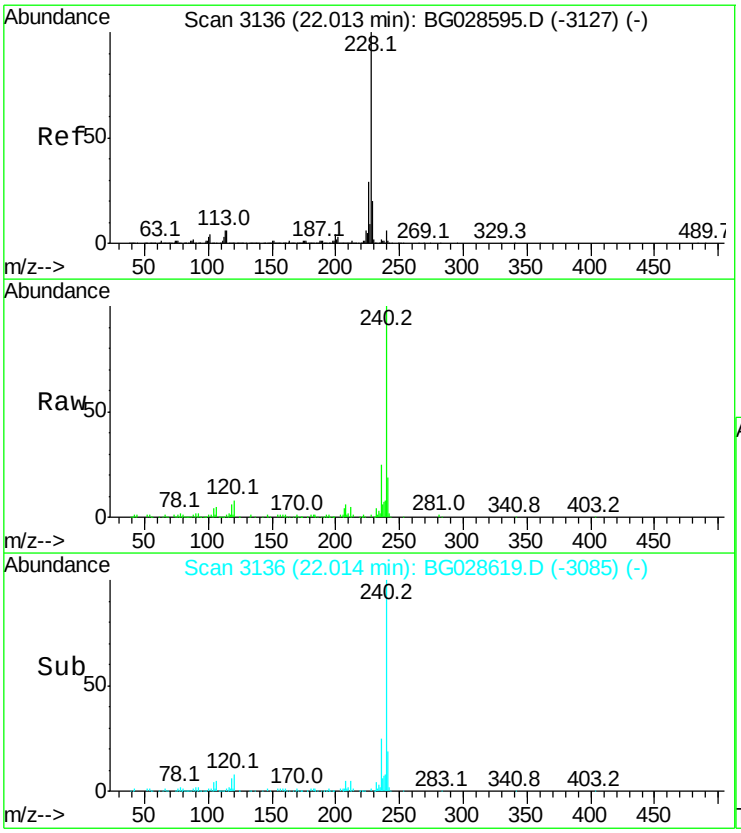

#79
Butylbenzylphthalate
Concen: 0.010 ng
RT: 20.96 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:149 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 63.5 | 95.3# |
| 206 | 0.0 | 21.0 | 31.6# |

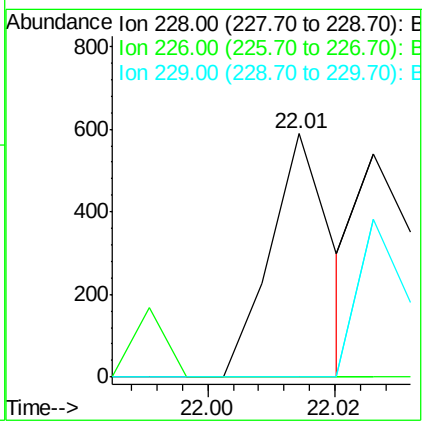


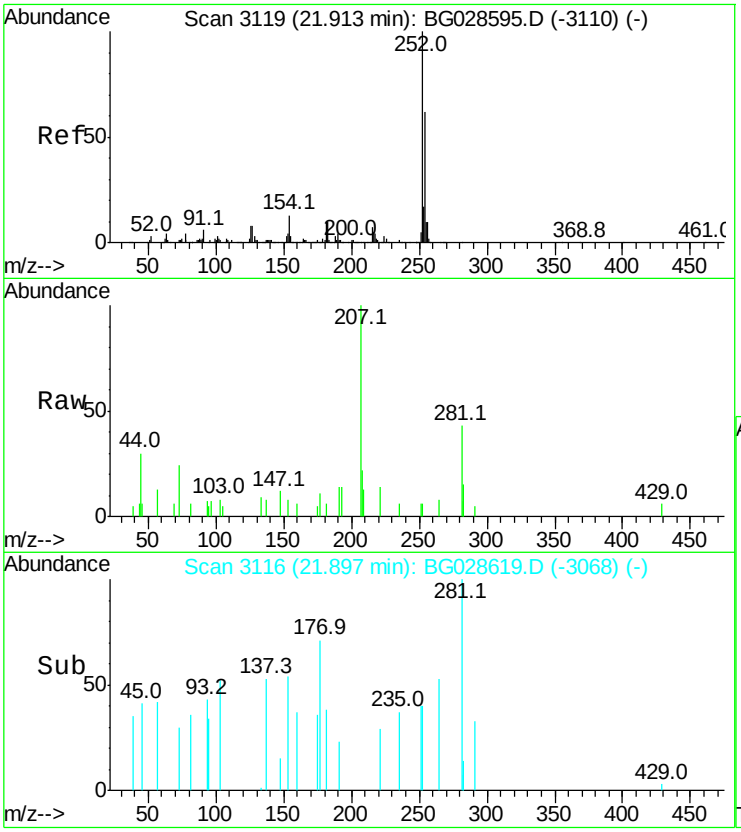




#80
Benzo(a)anthracene
Concen: 0.023 ng
RT: 22.01 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:228 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 24.9 | 37.3# |
| 229 | 0.0 | 18.2 | 27.2# |



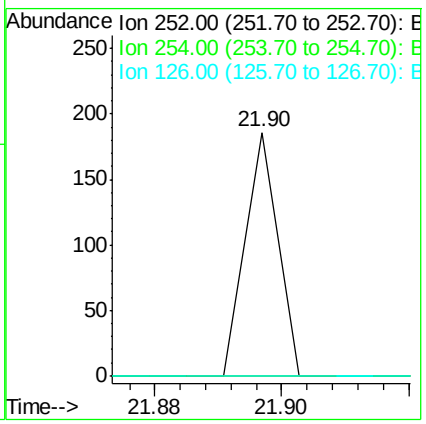


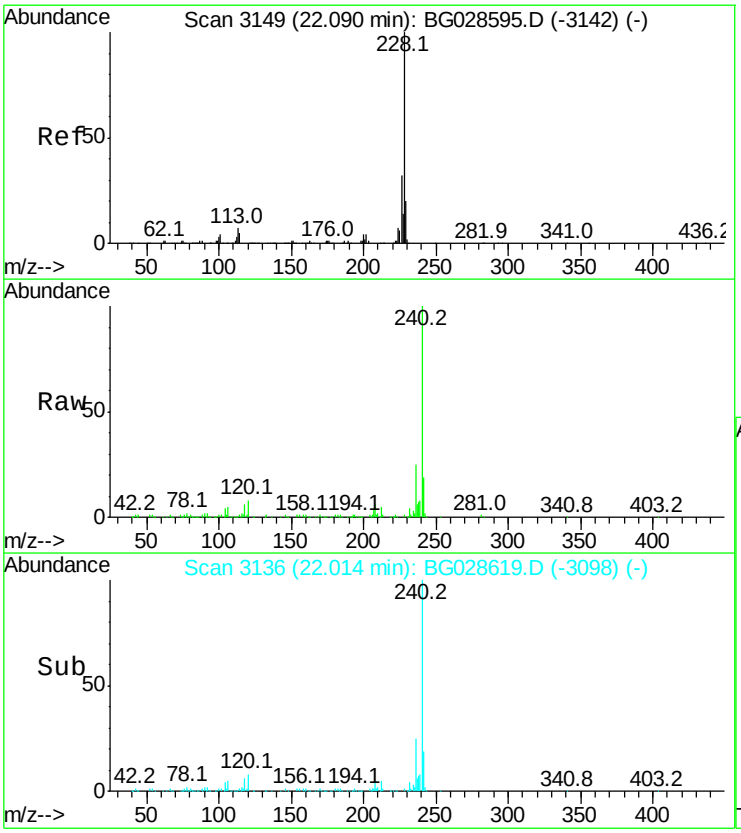

#81
3,3'-Dichlorobenzidine
Concen: 0.010 ng
RT: 21.90 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:252 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 0.0 | 53.1 | 79.7# |
| 126 | 0.0 | 7.0 | 10.4# |

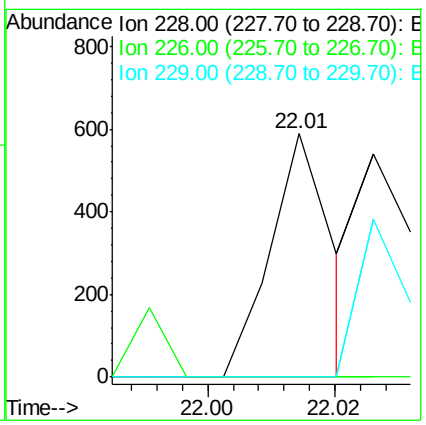


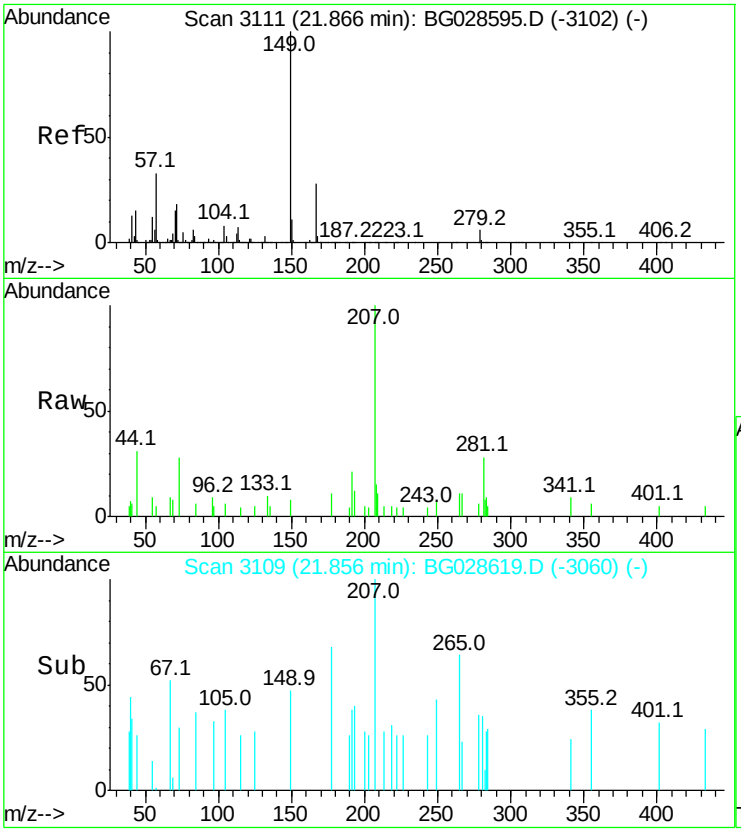




#82
Chrysene
Concen: 0.024 ng
RT: 22.01 min Scan# 3136
Delta R.T. -0.08 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:228 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 27.0 | 40.4# |
| 229 | 0.0 | 17.8 | 26.6# |



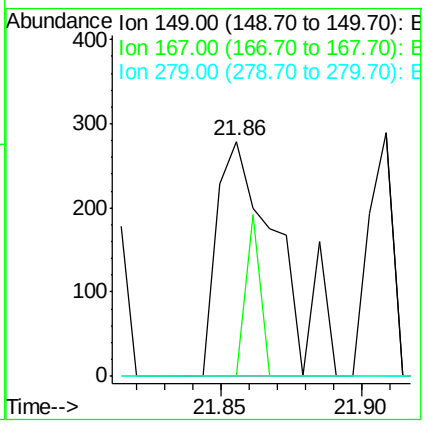


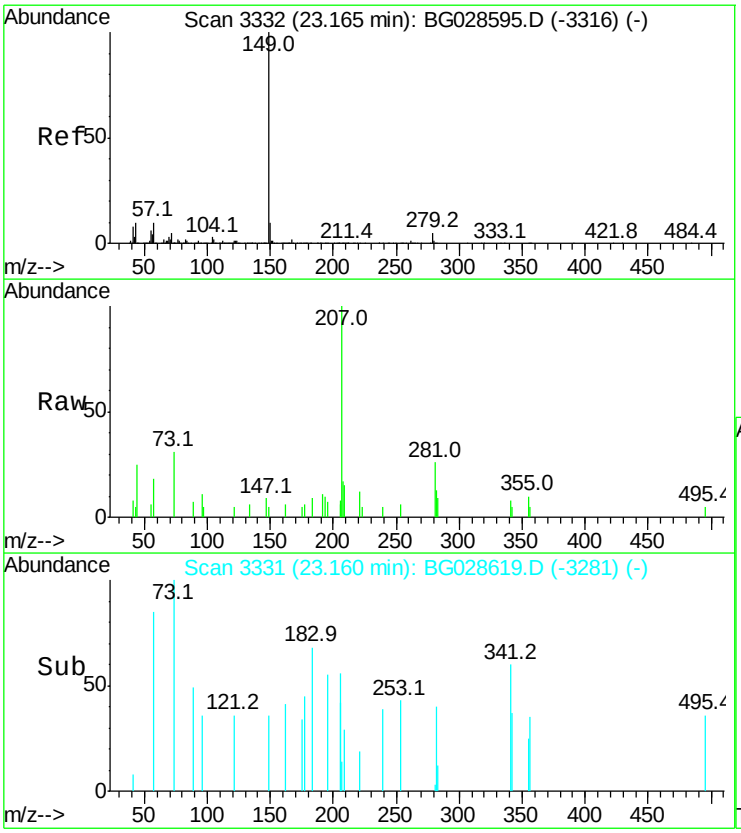

#83
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.86 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:149 Resp: 427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 23.7 | 35.5# |
| 279 | 0.0 | 4.6 | 6.8# |

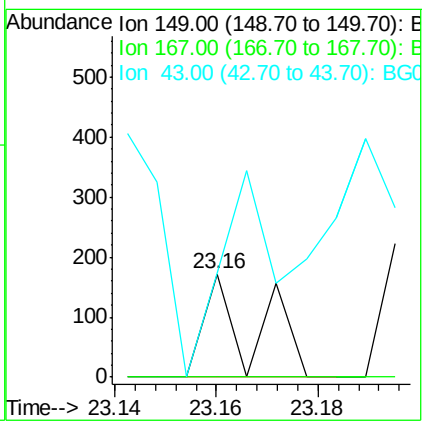


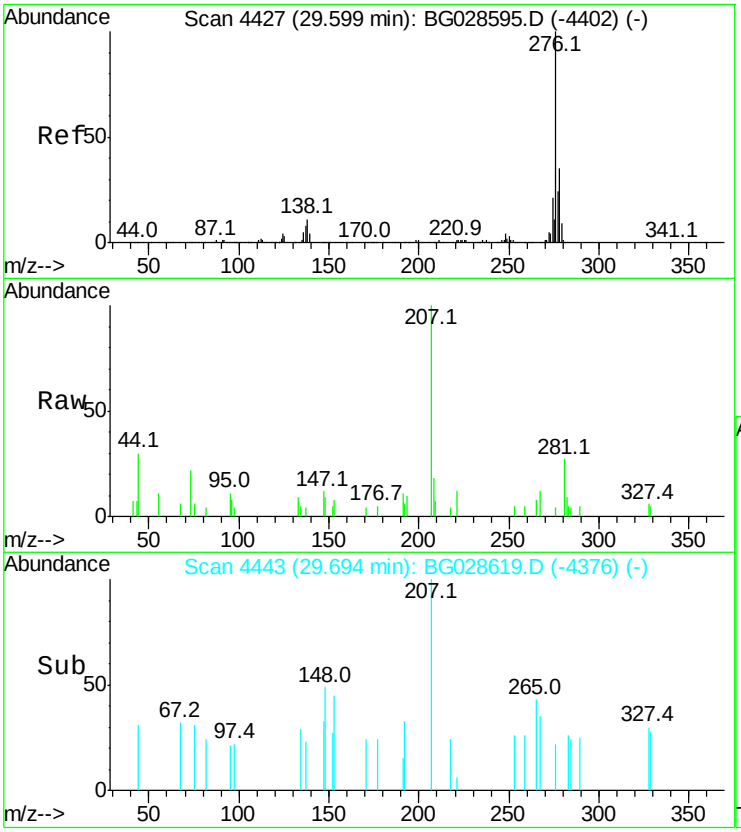




#84
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 23.16 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:149 Resp: 116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.4 | 2.2# |
| 43 | 204.3 | 11.8 | 17.6# |



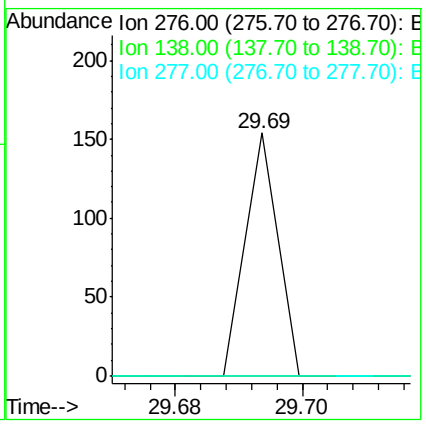


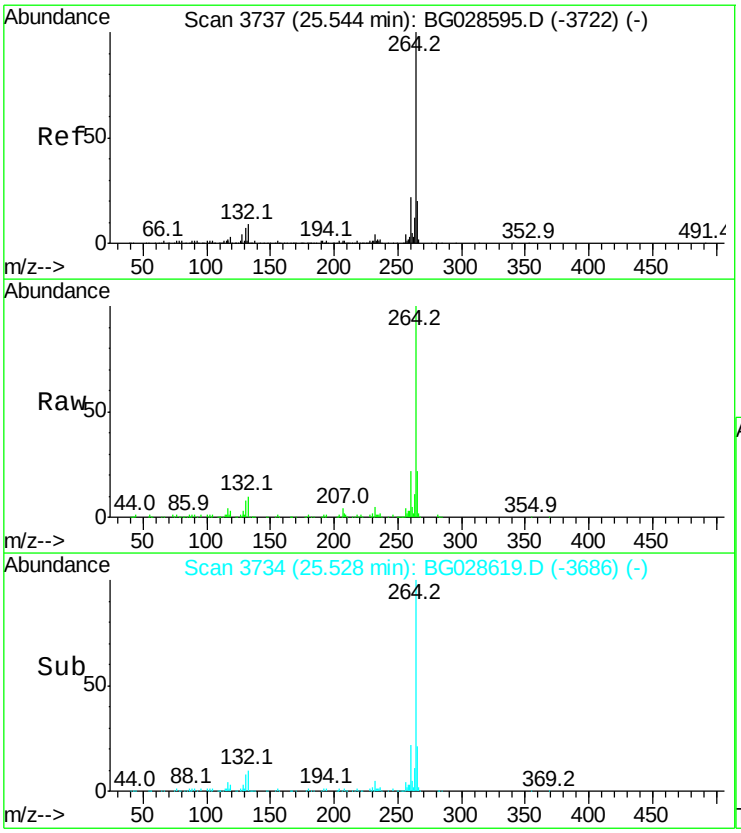

#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 29.69 min Scan# 4443
Delta R.T. 0.10 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:276 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 4.7 | 7.1# |
| 277 | 0.0 | 20.6 | 31.0# |

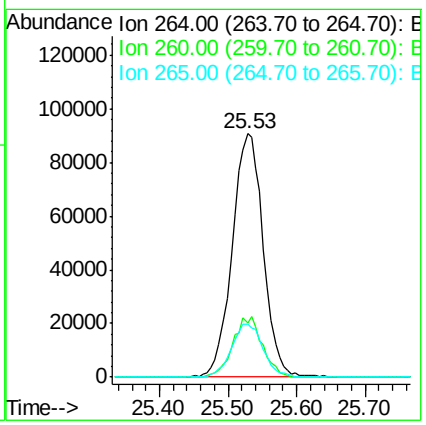


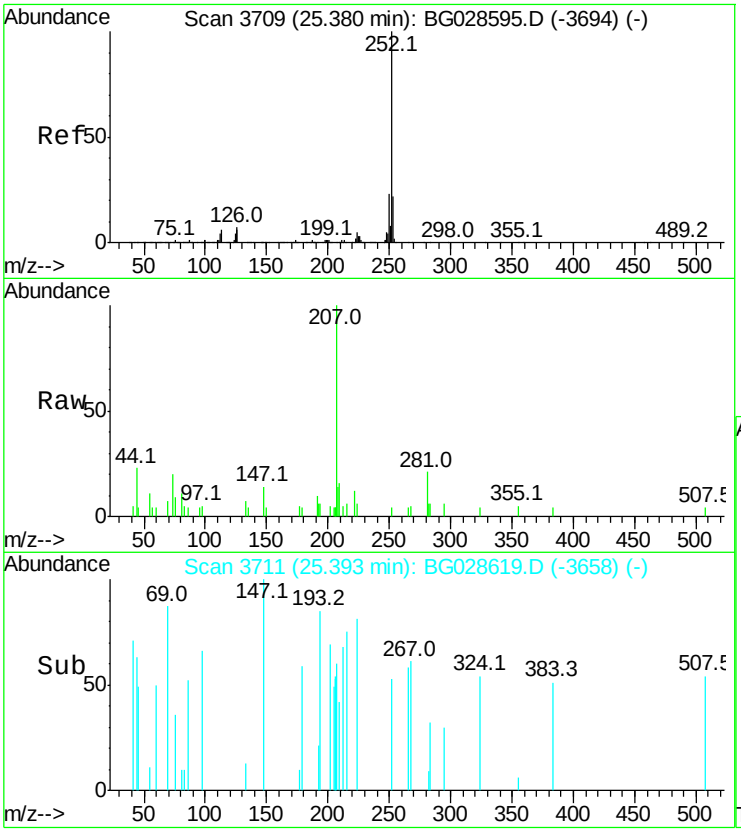




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:264 Resp: 283729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 21.8 | 32.8 |
| 265 | 21.6 | 18.2 | 27.4 |



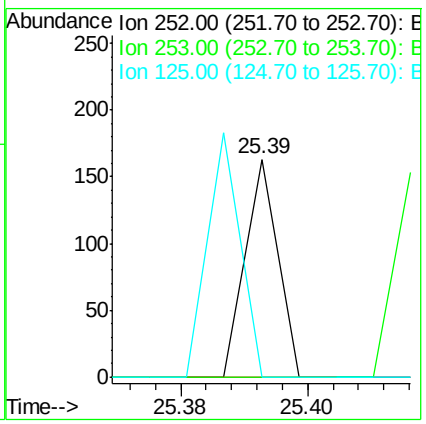


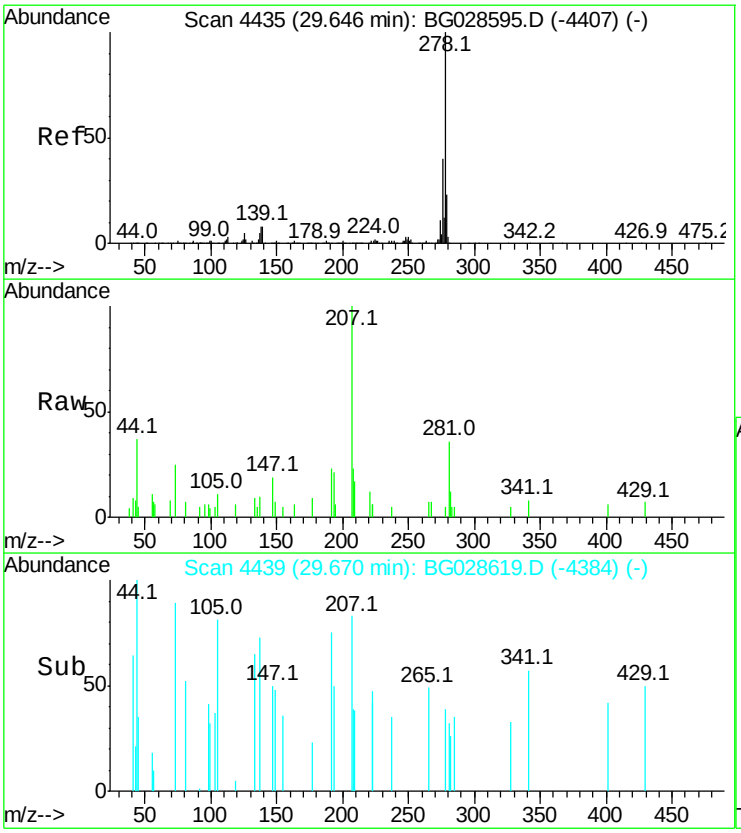

#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 25.39 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

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

Tgt Ion:252 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 19.2 | 28.8# |
| 125 | 0.0 | 5.4 | 8.0# |




#90
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 29.67 min Scan# 4439
Delta R.T. 0.02 min
Lab File: BG028619.D
Acq: 9 Sep 2017 17:39

Tgt Ion:278 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 7.7 | 11.5# |
| 279 | 0.0 | 19.1 | 28.7# |