Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
Data File : BG023999.D
Acq On : 16 Sep 2016 18:42
Operator : UM/SJ
Sample : PB93393BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB93393BS

Quant Time: Sep 17 00:09:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 41536 | 20.00 | ng | | -0.05 |
| 21) Naphthalene-d8 | 10.89 | 136 | 198272 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 14.73 | 164 | 170496 | 20.00 | ng | | -0.04 |
| 63) Phenanthrene-d10 | 17.49 | 188 | 387640 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 21.80 | 240 | 478032 | 20.00 | ng | | -0.04 |
| 86) Perylene-d12 | 25.14 | 264 | 478775 | 20.00 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 347711 | 146.97 | ng | | -0.04 |
| 7) Phenol-d6 | 7.23 | 99 | 528633 | 145.16 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 399599 | 89.98 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 16.23 | 330 | 330151 | 107.48 | ng | | -0.04 |
| 44) 2-Fluorobiphenyl | 13.34 | 172 | 865445 | 72.78 | ng | | -0.04 |
| 78) Terphenyl-d14 | 20.10 | 244 | 1616692 | 77.02 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 36158 | 37.06 | ng | | 96 |
| 3) Pyridine | 3.87 | 79 | 113880 | 38.84 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.78 | 42 | 76529 | 49.51 | ng | # | 84 |
| 6) Aniline | 7.38 | 93 | 138580 | 28.67 | ng | | 94 |
| 8) 2-Chlorophenol | 7.62 | 128 | 126964 | 46.32 | ng | | 90 |
| 9) Benzaldehyde | 7.20 | 77 | 17694 | 6.84 | ng | # | 84 |
| 10) Phenol | 7.26 | 94 | 185156 | 48.33 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 124882 | 41.43 | ng | | 86 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 132044 | 41.16 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 140311 | 41.29 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.41 | 146 | 135411 | 42.45 | ng | | 93 |
| 15) Benzyl Alcohol | 8.31 | 79 | 171875 | 53.53 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58 | 45 | 175055 | 43.33 | ng | | 93 |
| 17) 2-Methylphenol | 8.51 | 107 | 126544 | 49.03 | ng | | 94 |
| 18) Hexachloroethane | 9.14 | 117 | 57736 | 44.12 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.87 | 70 | 145500 | 45.22 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.85 | 107 | 179671 | 49.95 | ng | | 98 |
| 22) Acetophenone | 8.89 | 105 | 207860 | 40.49 | ng | # | 97 |
| 24) Nitrobenzene | 9.28 | 77 | 217816 | 45.61 | ng | | 97 |
| 25) Isophorone | 9.80 | 82 | 390225 | 45.31 | ng | | 97 |
| 26) 2-Nitrophenol | 10.00 | 139 | 82802 | 45.61 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.06 | 122 | 145887 | 47.28 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.28 | 93 | 202398 | 46.54 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.55 | 162 | 162505 | 49.71 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 162716 | 45.38 | ng | | 97 |
| 31) Naphthalene | 10.94 | 128 | 440391 | 43.11 | ng | | 98 |
| 32) Benzoic acid | 10.23 | 122 | 75115 | 29.98 | ng | # | 83 |
| 33) 4-Chloroaniline | 11.06 | 127 | 60786 | 14.25 | ng | # | 88 |
| 34) Hexachlorobutadiene | 11.21 | 225 | 121109 | 44.97 | ng | | 98 |
| 35) Caprolactam | 11.86 | 113 | 30219 | 26.23 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 199857 | 45.75 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.55 | 142 | 348562 | 44.85 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 198435 | 35.06 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.88 | 237 | 261553 | 77.00 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
Data File : BG023999.D
Acq On : 16 Sep 2016 18:42
Operator : UM/SJ
Sample : PB93393BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB93393BS

Quant Time: Sep 17 00:09:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

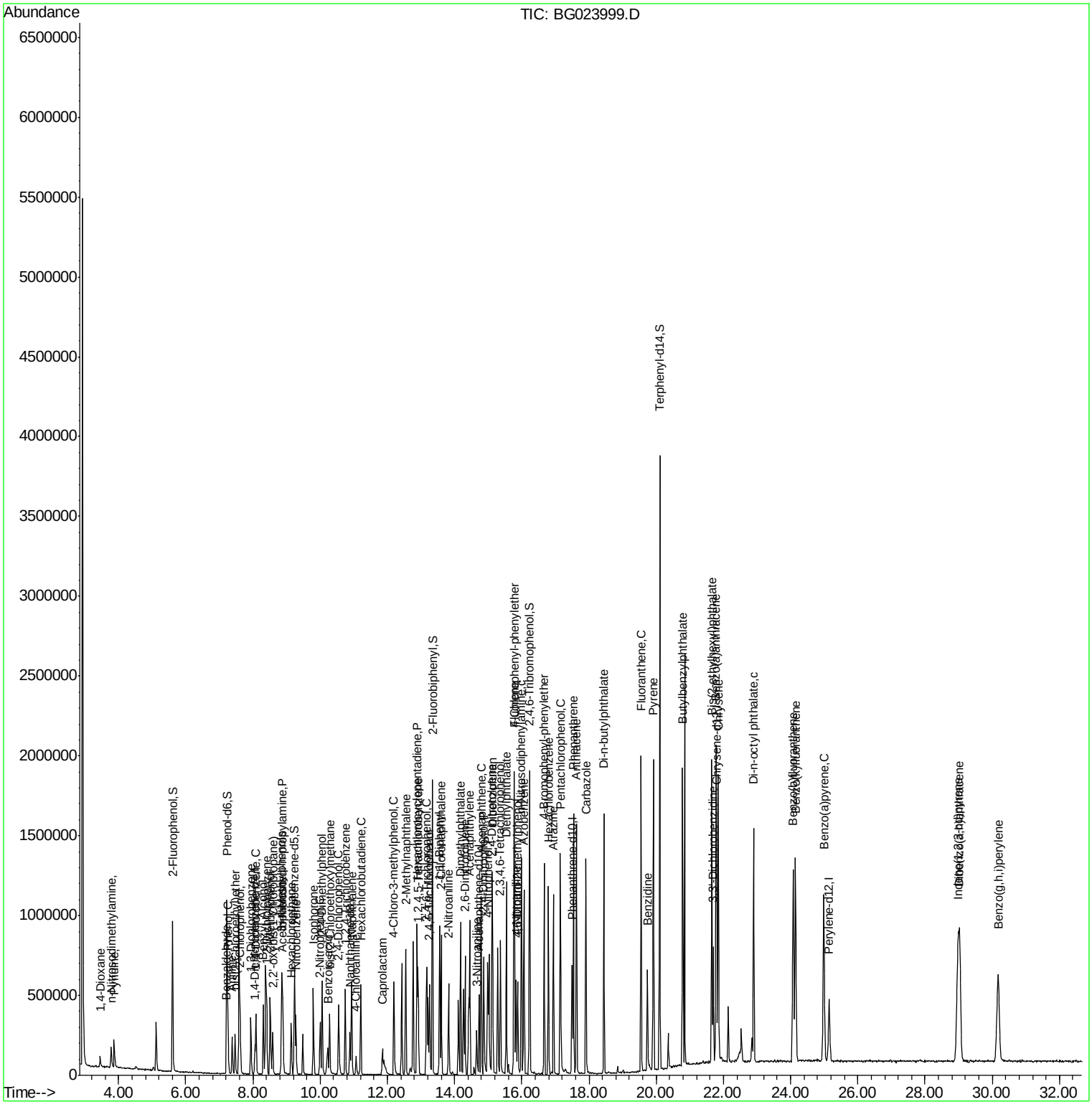
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.17 | 196 | 151177 | 40.03 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.25 | 196 | 150378 | 39.39 | ng | | 95 |
| 45) 1,1'-Biphenyl | 13.55 | 154 | 444989 | 32.45 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.60 | 162 | 384058 | 38.15 | ng | | 91 |
| 47) 2-Nitroaniline | 13.82 | 65 | 177842 | 44.85 | ng | | 93 |
| 48) Acenaphthylene | 14.45 | 152 | 635819 | 37.89 | ng | | 97 |
| 49) Dimethylphthalate | 14.18 | 163 | 554760 | 37.95 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.31 | 165 | 126523 | 41.00 | ng | | 95 |
| 51) Acenaphthene | 14.79 | 154 | 402055 | 38.75 | ng | | 97 |
| 52) 3-Nitroaniline | 14.65 | 138 | 55009 | 19.06 | ng | # | 92 |
| 53) 2,4-Dinitrophenol | 14.87 | 184 | 159057 | 71.27 | ng | # | 87 |
| 54) Dibenzofuran | 15.13 | 168 | 673354 | 41.58 | ng | | 99 |
| 55) 4-Nitrophenol | 14.99 | 139 | 164613 | 71.67 | ng | # | 87 |
| 56) 2,4-Dinitrotoluene | 15.11 | 165 | 181233 | 39.95 | ng | | 89 |
| 57) Fluorene | 15.78 | 166 | 557212 | 39.68 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 169262 | 43.68 | ng | | 96 |
| 59) Diethylphthalate | 15.54 | 149 | 599186 | 38.39 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 304945 | 40.34 | ng | | 97 |
| 61) 4-Nitroaniline | 15.83 | 138 | 104065 | 35.66 | ng | | 100 |
| 62) Azobenzene | 16.06 | 77 | 688336 | 45.54 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198 | 117267 | 43.57 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 15.99 | 169 | 506028 | 45.96 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 220821 | 46.82 | ng | | 99 |
| 67) Hexachlorobenzene | 16.80 | 284 | 227827 | 41.19 | ng | | 97 |
| 68) Atrazine | 16.94 | 200 | 214707 | 45.32 | ng | | 99 |
| 69) Pentachlorophenol | 17.15 | 266 | 244863 | 83.35 | ng | | 98 |
| 70) Phenanthrene | 17.54 | 178 | 948588 | 47.04 | ng | | 98 |
| 71) Anthracene | 17.63 | 178 | 959202 | 46.63 | ng | | 97 |
| 72) Carbazole | 17.91 | 167 | 846423 | 45.35 | ng | | 95 |
| 73) Di-n-butylphthalate | 18.44 | 149 | 1019662 | 45.79 | ng | | 97 |
| 74) Fluoranthene | 19.55 | 202 | 1177542 | 48.50 | ng | | 96 |
| 76) Benzidine | 19.74 | 184 | 395037 | 26.69 | ng | | 97 |
| 77) Pyrene | 19.92 | 202 | 1187109 | 40.38 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.78 | 149 | 489523 | 43.19 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.78 | 228 | 1241121 | 46.38 | ng | | 93 |
| 81) 3,3'-Dichlorobenzidine | 21.70 | 252 | 250898 | 23.46 | ng | | 95 |
| 82) Chrysene | 21.85 | 228 | 1164682 | 45.72 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 690107 | 44.47 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 22.90 | 149 | 1185100 | 46.57 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.97 | 276 | 1478487 | 52.43 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.08 | 252 | 1323617 | 48.67 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 24.14 | 252 | 1211084 | 44.91 | ng | # | 99 |
| 89) Benzo(a)pyrene | 24.98 | 252 | 1257243 | 48.68 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 29.03 | 278 | 1220018 | 48.03 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 30.18 | 276 | 1235266 | 50.57 | ng | # | 97 |

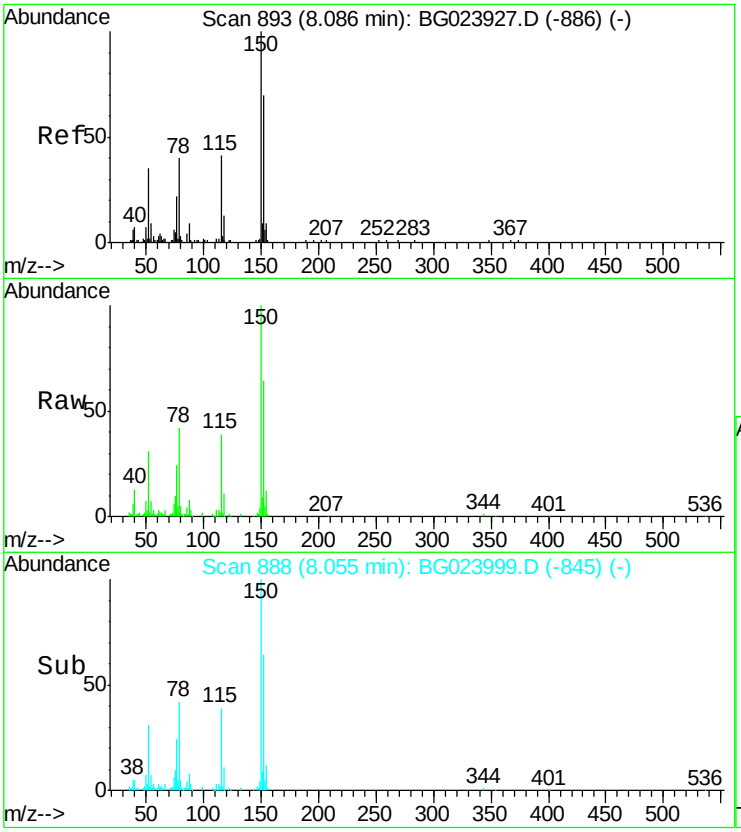
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
Data File : BG023999.D
Acq On : 16 Sep 2016 18:42
Operator : UM/SJ
Sample : PB93393BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Quant Time: Sep 17 00:09:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration



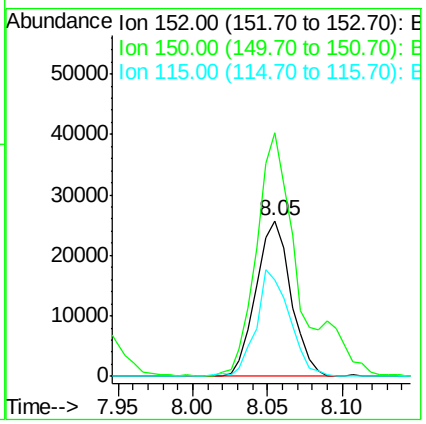


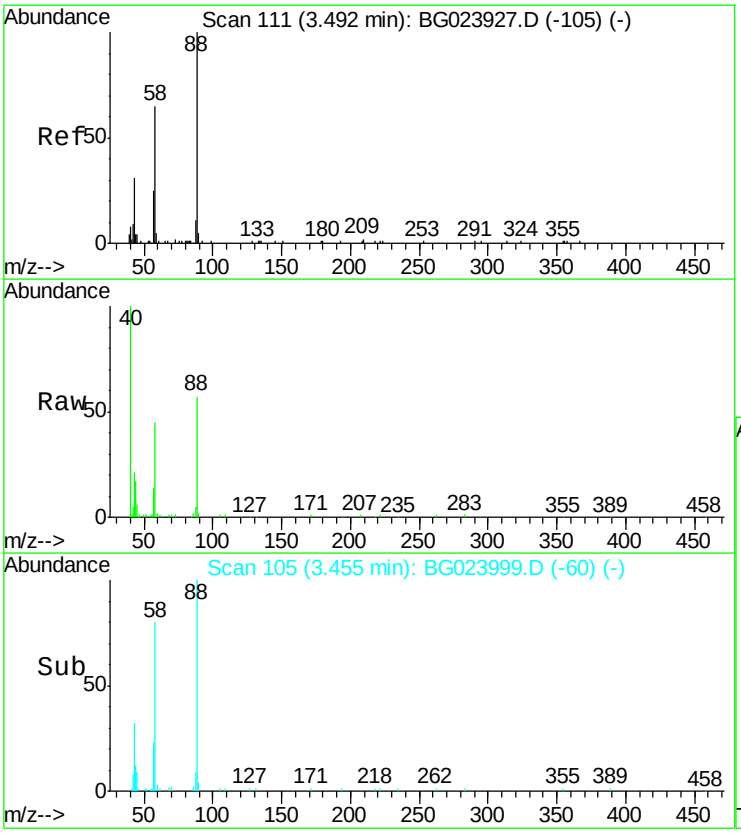

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:152 Resp: 41536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 144.7 | 217.1 |
| 115 | 61.6 | 64.0 | 96.0# |

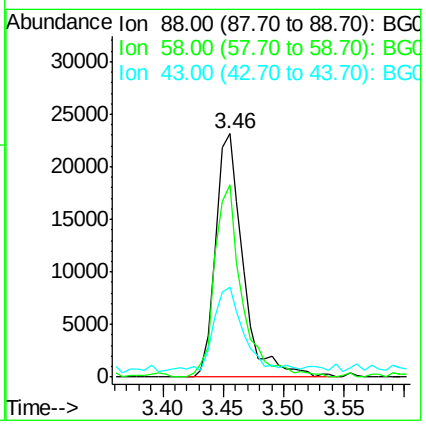


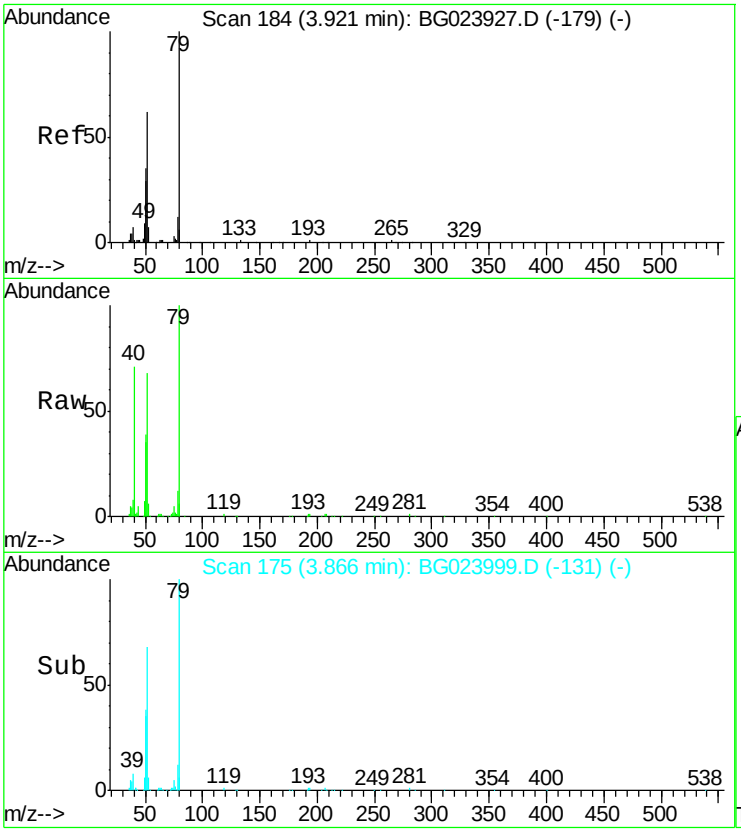




#2
1,4-Dioxane
Concen: 37.06 ng
RT: 3.46 min Scan# 105
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 88 Resp: 36158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.0 | 60.4 | 90.6 |
| 43 | 36.4 | 31.1 | 46.7 |



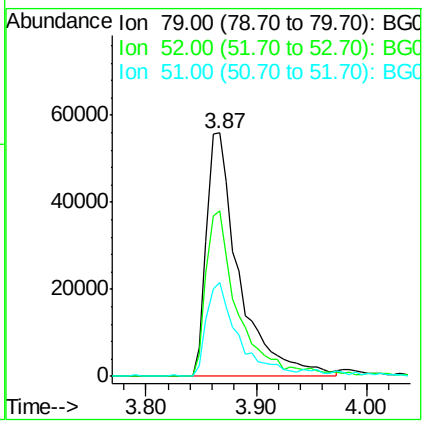


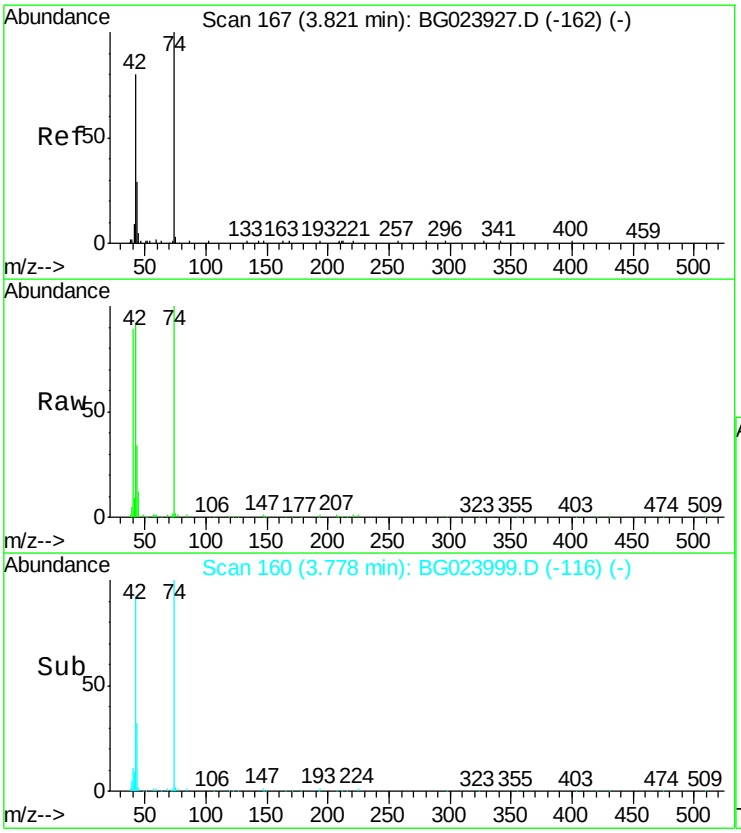

#3
Pyridine
Concen: 38.84 ng
RT: 3.87 min Scan# 175
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 79 Resp: 113880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 68.1 | 51.8 | 77.8 |
| 51 | 38.8 | 32.7 | 49.1 |

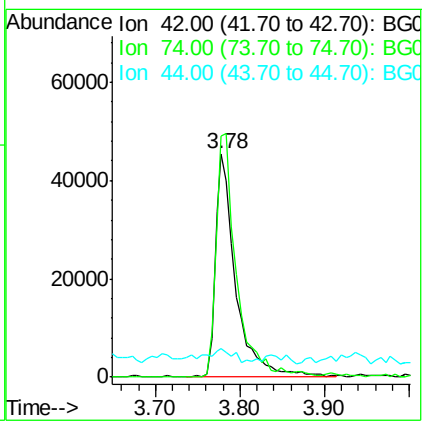


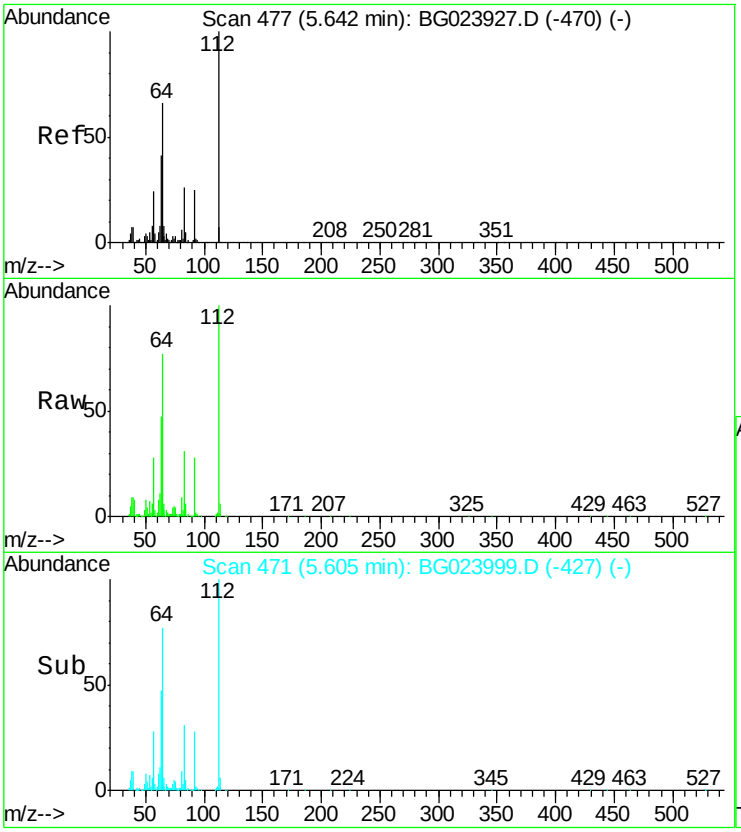




#4
n-Nitrosodimethylamine
Concen: 49.51 ng
RT: 3.78 min Scan# 160
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 42 Resp: 76529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.2 | 100.6 | 150.8 |
| 44 | 12.7 | 4.5 | 6.7# |



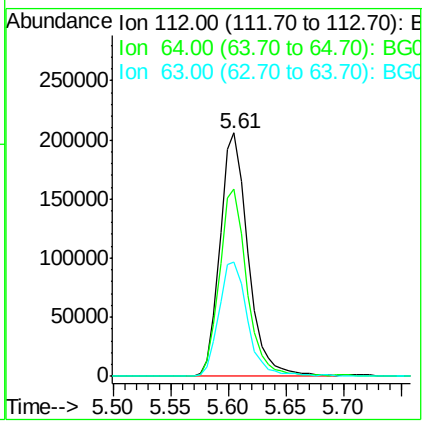


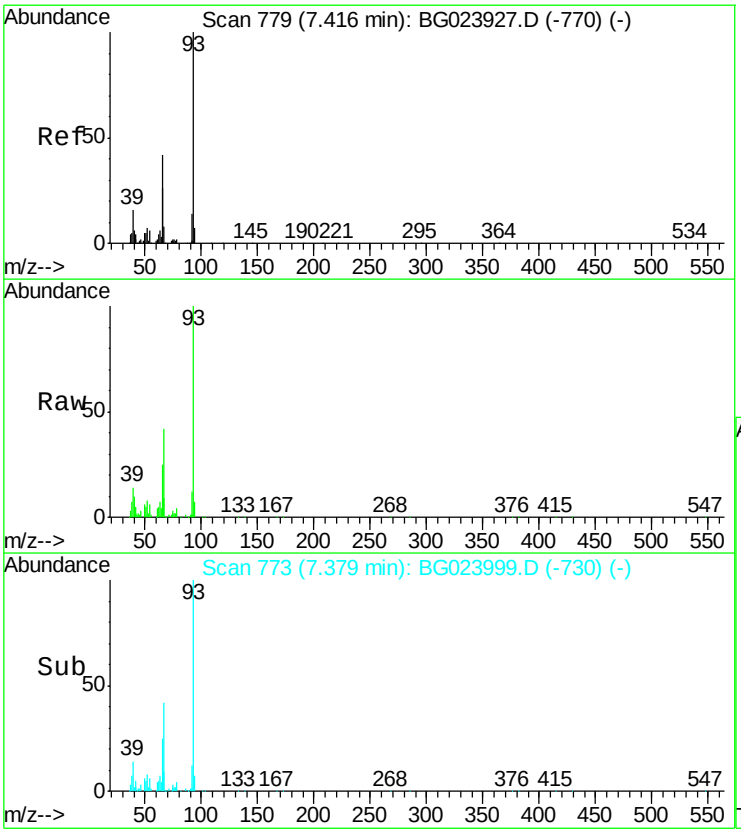

#5
2-Fluorophenol
Concen: 146.97 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:112 Resp: 347711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.0 | 59.0 | 88.4 |
| 63 | 46.8 | 37.8 | 56.8 |

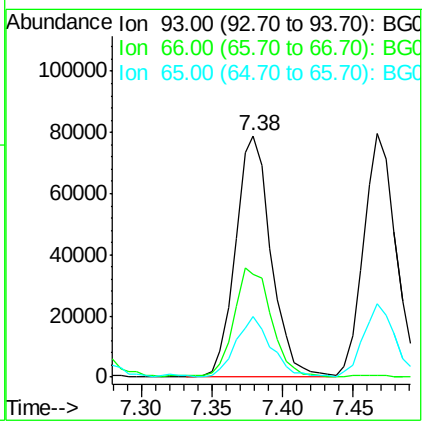


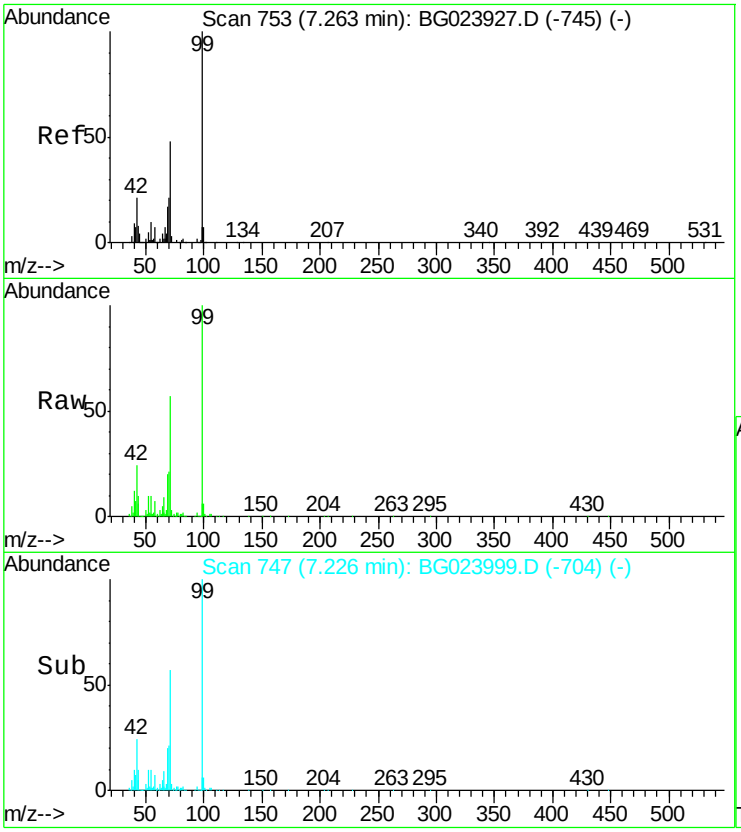




#6
Aniline
Concen: 28.67 ng
RT: 7.38 min Scan# 773
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 93 Resp: 138580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.4 | 37.5 | 56.3 |
| 65 | 25.2 | 17.9 | 26.9 |



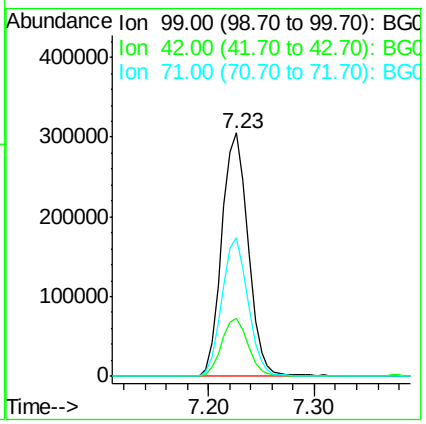


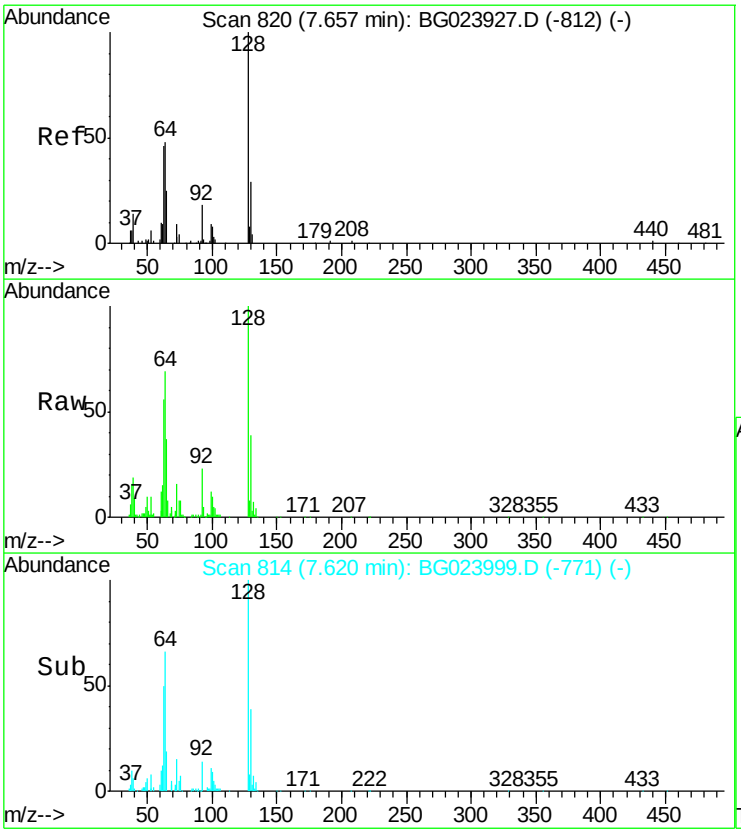

#7
Phenol-d6
Concen: 145.16 ng
RT: 7.23 min Scan# 747
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 99 Resp: 528633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 17.8 | 26.6 |
| 71 | 56.7 | 41.5 | 62.3 |

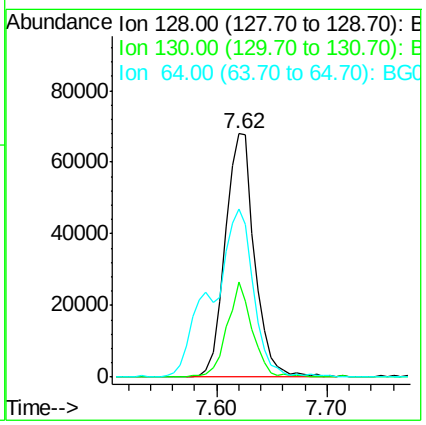


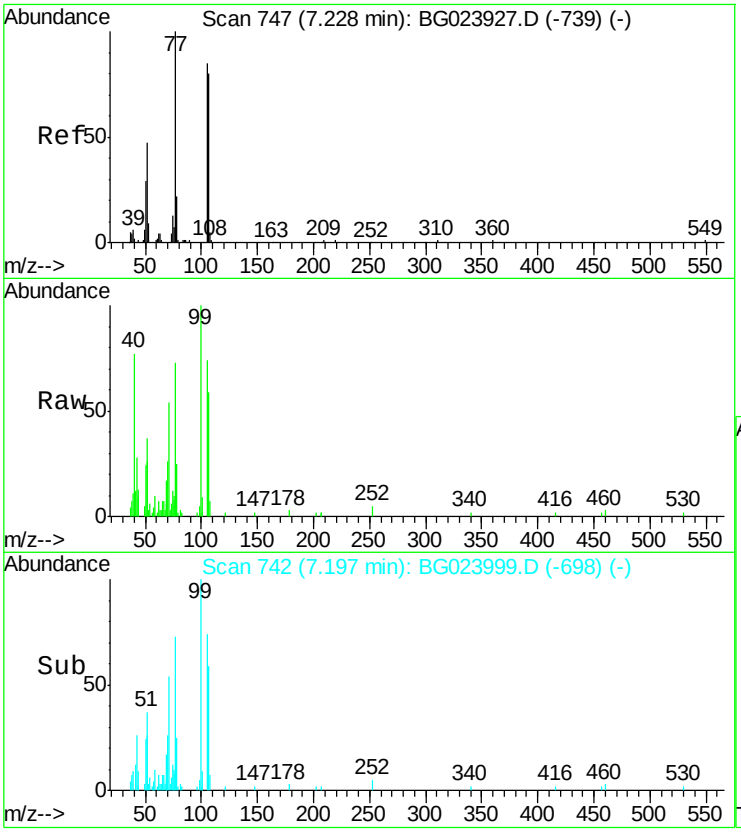




#8
2-Chlorophenol
Concen: 46.32 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:128 Resp: 126964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 39.1 | 12.9 | 52.9 |
| 64 | 69.0 | 42.0 | 82.0 |



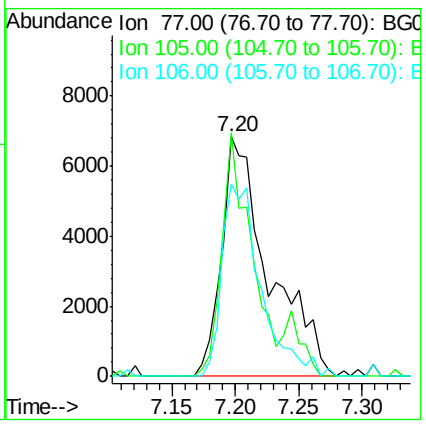


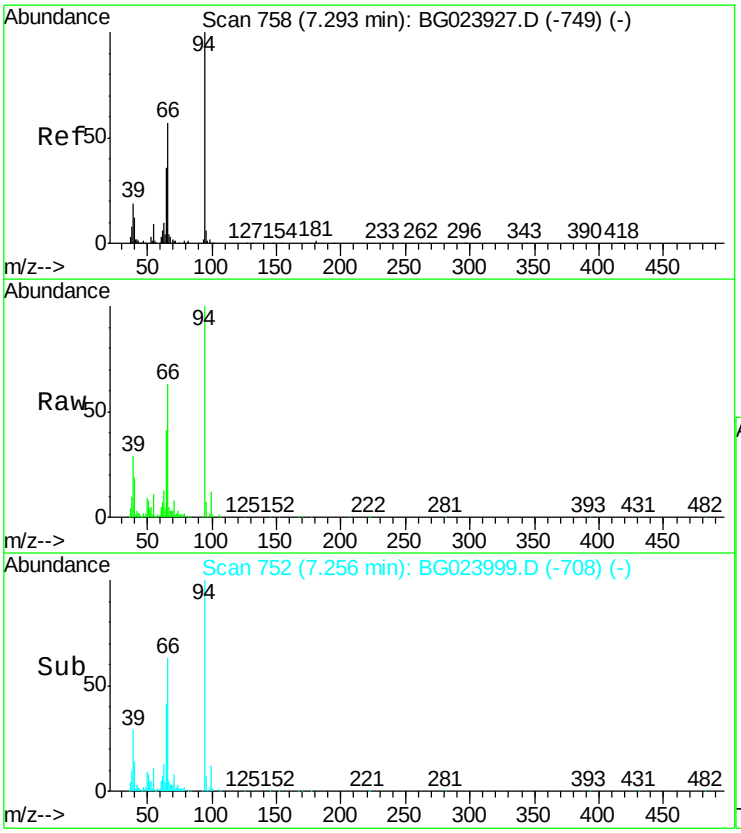

#9
Benzaldehyde
Concen: 6.84 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 77 Resp: 17694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.7 | 58.7 | 98.7# |
| 106 | 80.4 | 67.5 | 107.5 |

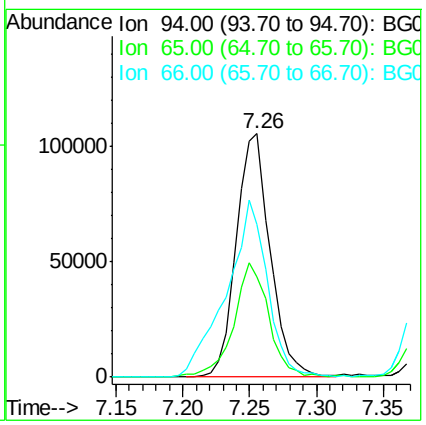


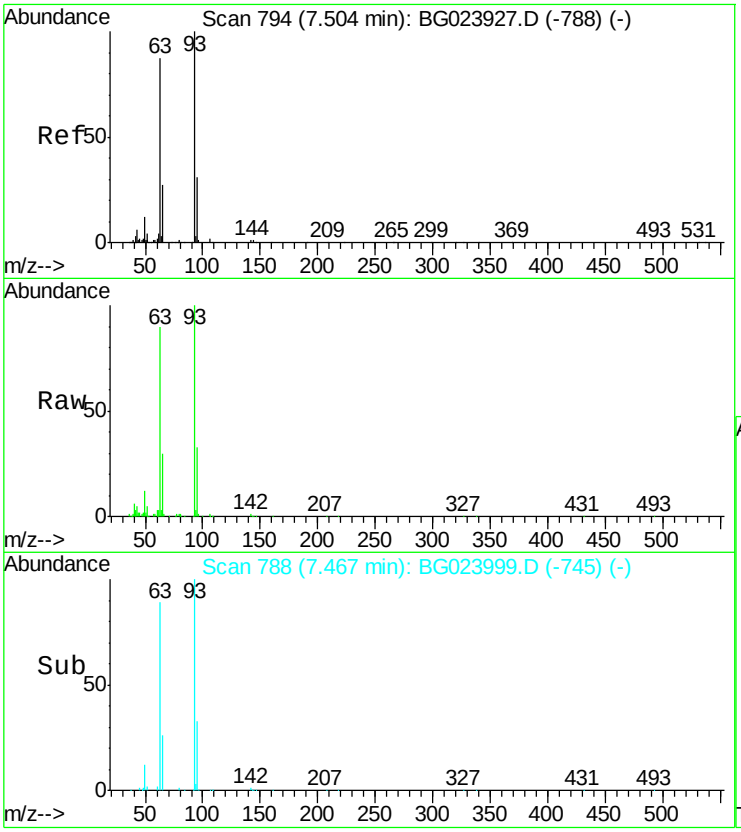




#10
Phenol
Concen: 48.33 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 94 Resp: 185156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.4 | 18.1 | 58.1 |
| 66 | 62.7 | 42.1 | 82.1 |



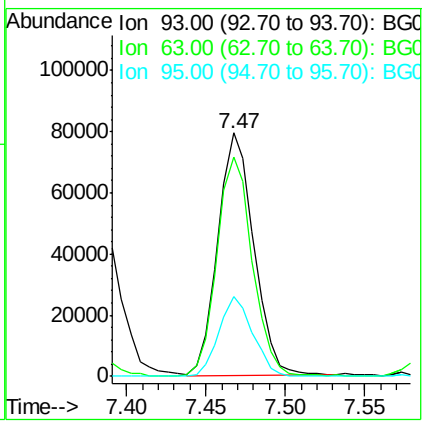


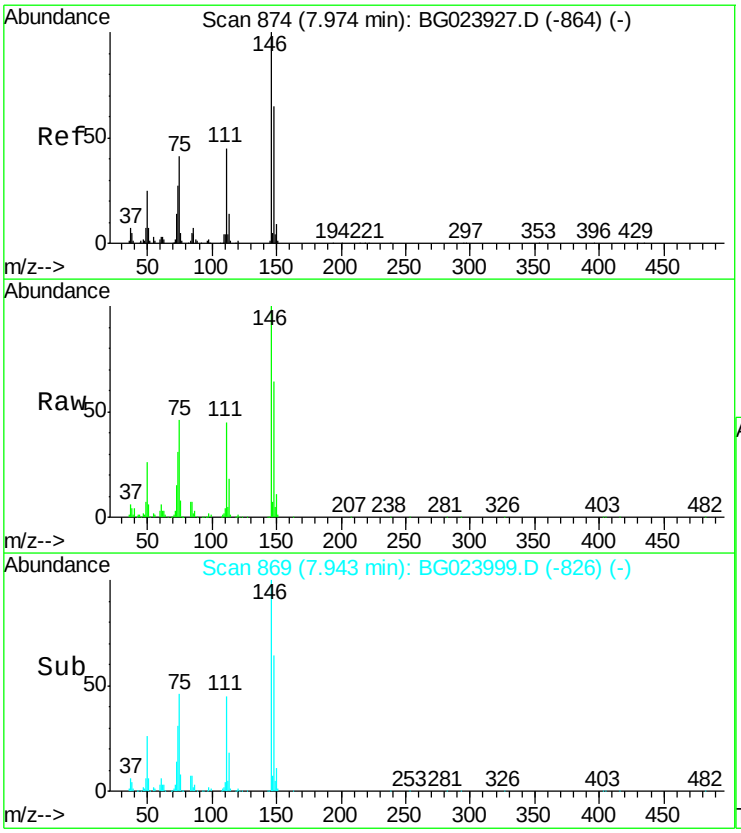

#11
bis(2-Chloroethyl)ether
Concen: 41.43 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 93 Resp: 124882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 90.2 | 55.0 | 95.0 |
| 95 | 32.9 | 11.0 | 51.0 |

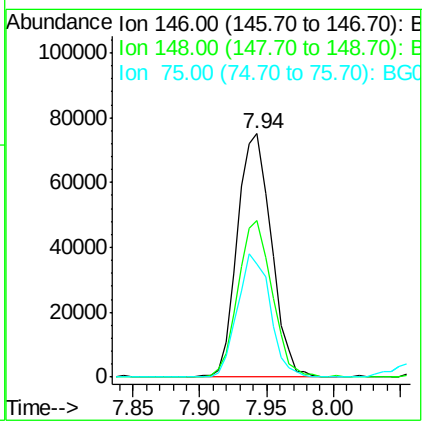


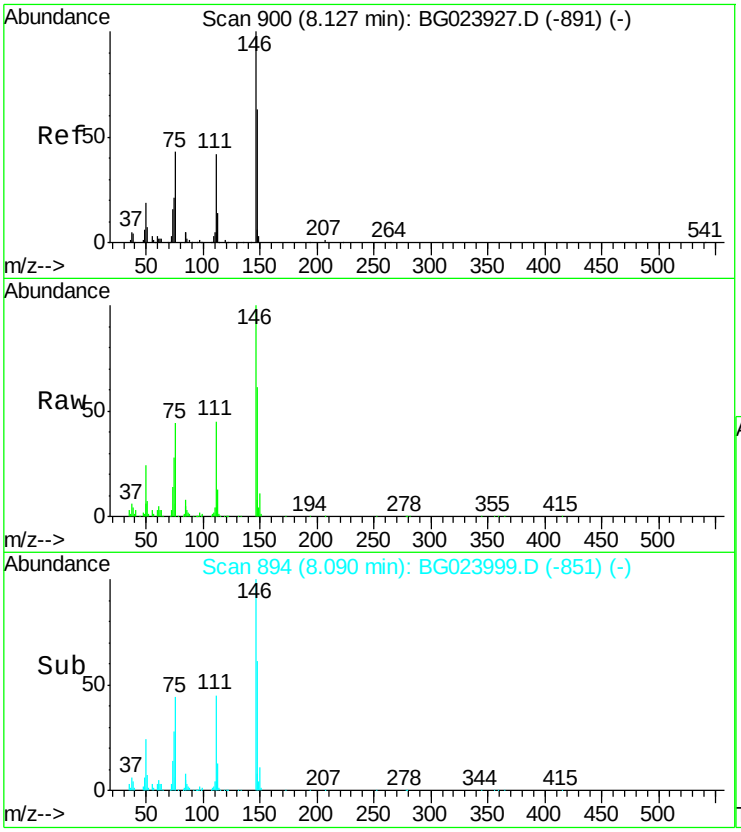




#12
1,3-Dichlorobenzene
Concen: 41.16 ng
RT: 7.94 min Scan# 869
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:146 Resp: 132044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 50.3 | 75.5 |
| 75 | 46.5 | 37.0 | 55.6 |



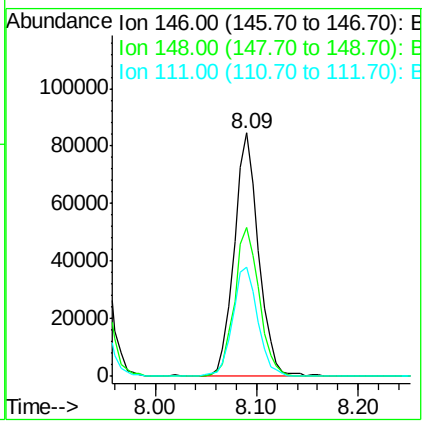


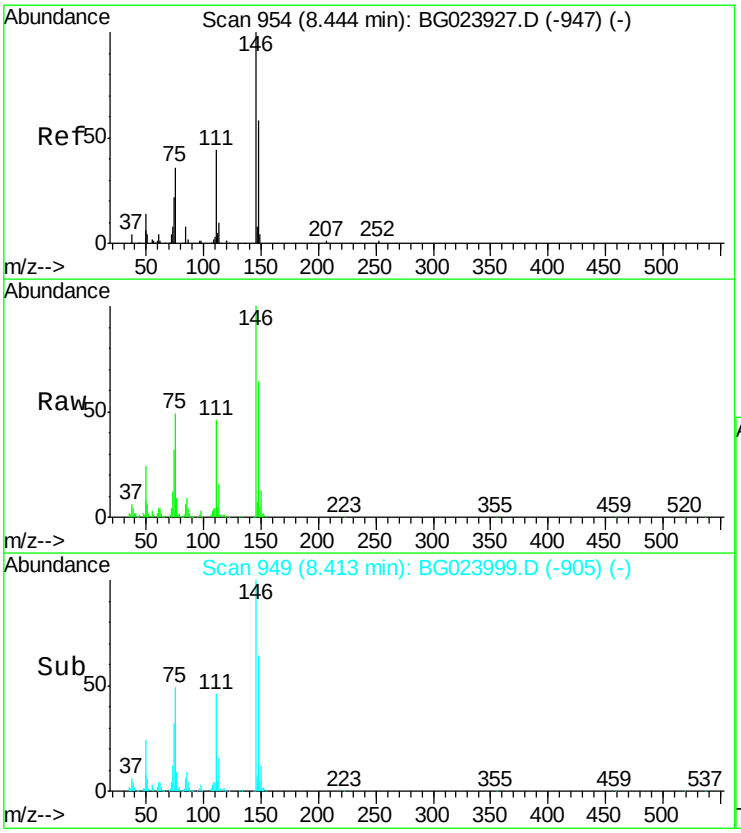

#13
1,4-Dichlorobenzene
Concen: 41.29 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:146 Resp: 140311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.1 | 54.5 | 81.7 |
| 111 | 44.7 | 37.8 | 56.8 |

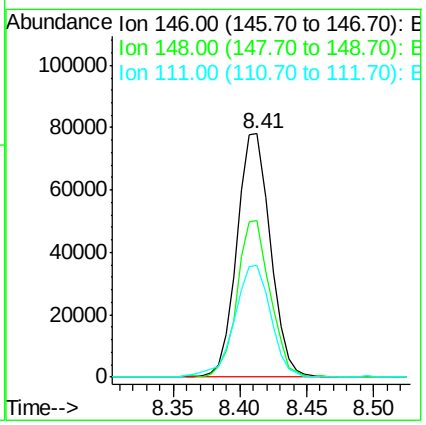


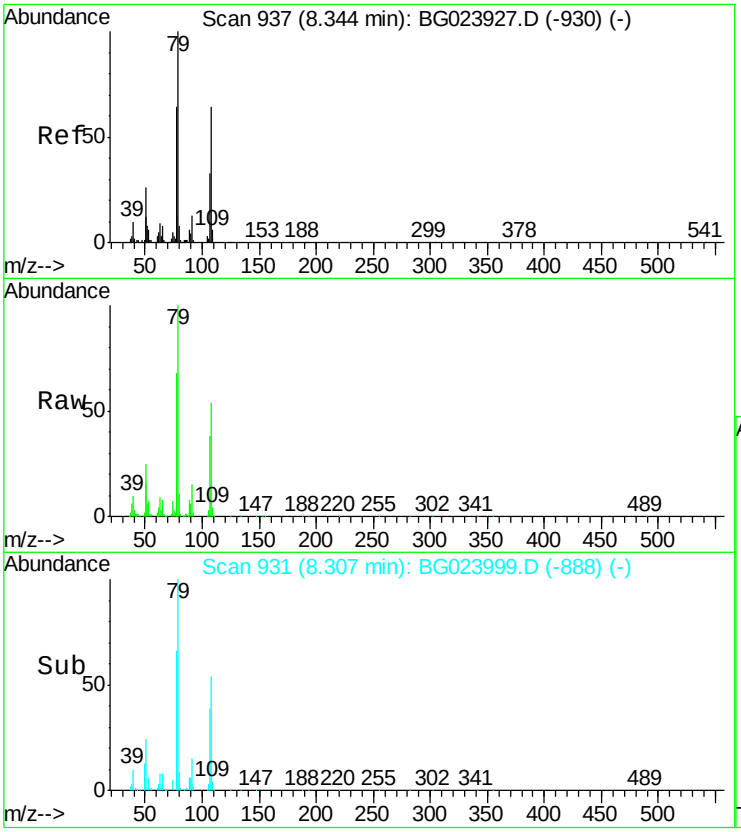




#14
1,2-Dichlorobenzene
Concen: 42.45 ng
RT: 8.41 min Scan# 949
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:146 Resp: 135411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 52.9 | 79.3 |
| 111 | 46.0 | 43.5 | 65.3 |



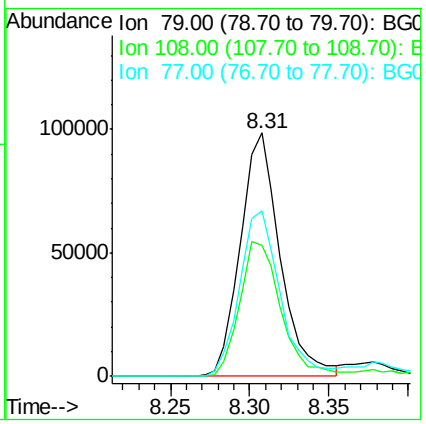


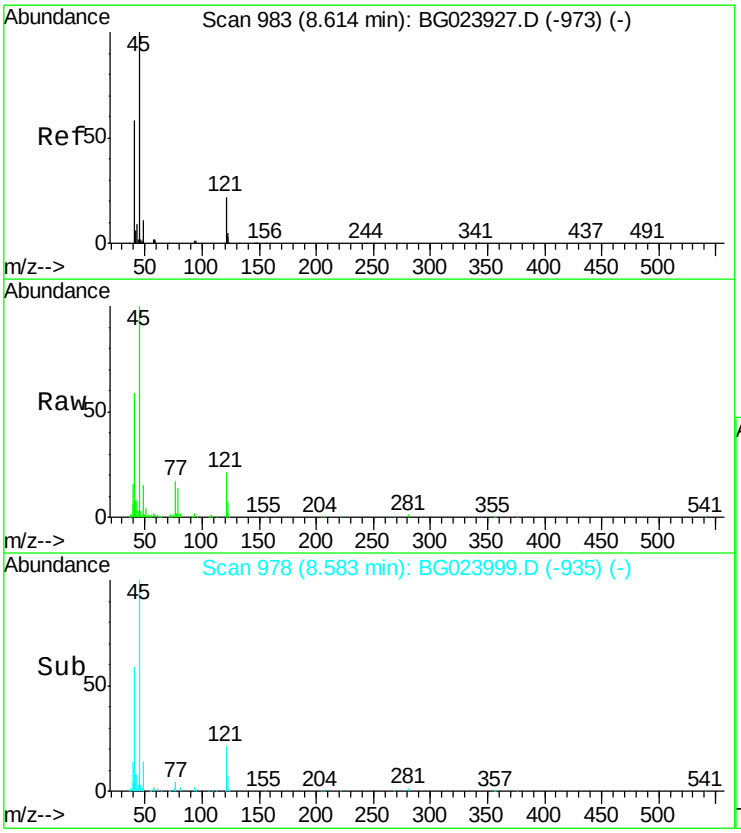

#15
Benzyl Alcohol
Concen: 53.53 ng
RT: 8.31 min Scan# 931
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 79 Resp: 171875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 53.9 | 46.5 | 69.7 |
| 77 | 68.0 | 52.3 | 78.5 |

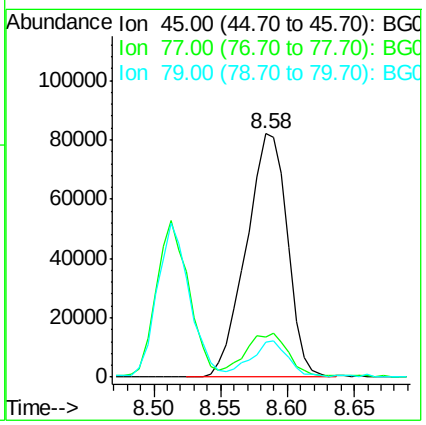


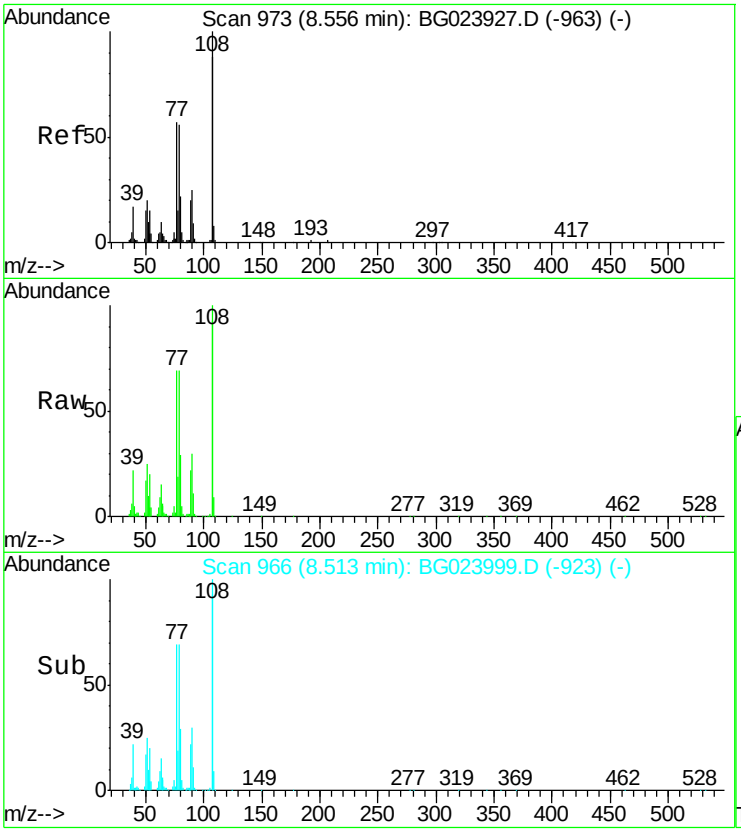




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.33 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 45 Resp: 175055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.7 | 0.6 | 40.6 |
| 79 | 14.2 | 0.0 | 36.2 |



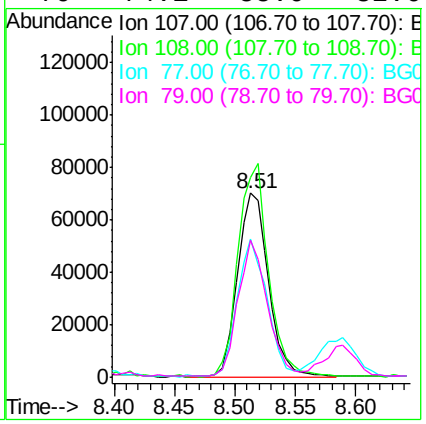


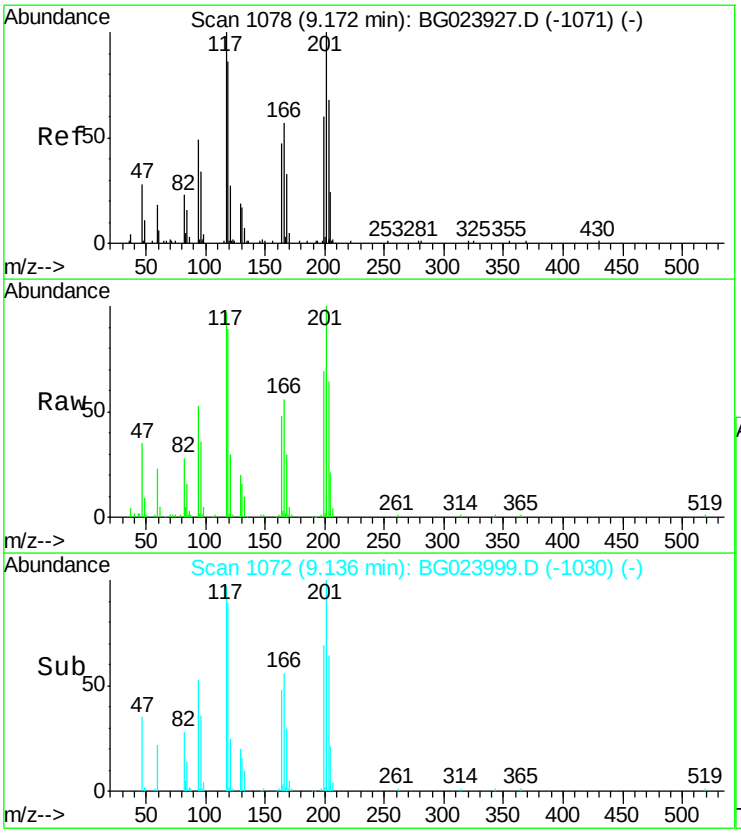

#17
2-Methylphenol
Concen: 49.03 ng
RT: 8.51 min Scan# 966
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:107 Resp: 126544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.1 | 92.0 | 138.0 |
| 77 | 74.9 | 55.8 | 83.6 |
| 79 | 74.1 | 55.0 | 82.6 |

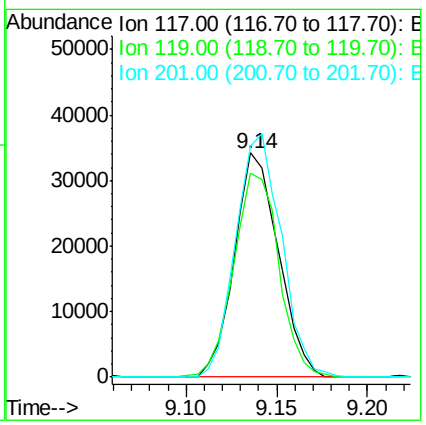


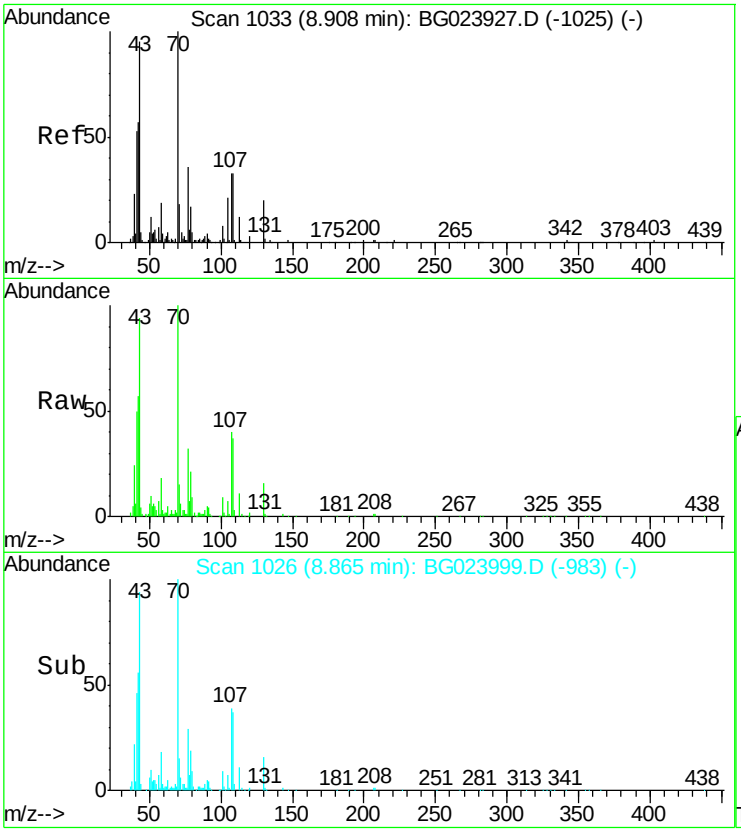




#18
Hexachloroethane
Concen: 44.12 ng
RT: 9.14 min Scan# 1072
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:117 Resp: 57736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.1 | 73.7 | 110.5 |
| 201 | 102.7 | 88.7 | 133.1 |



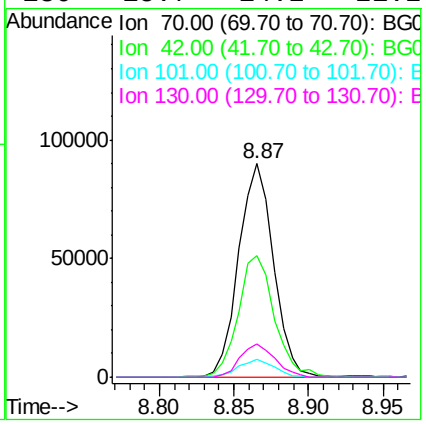


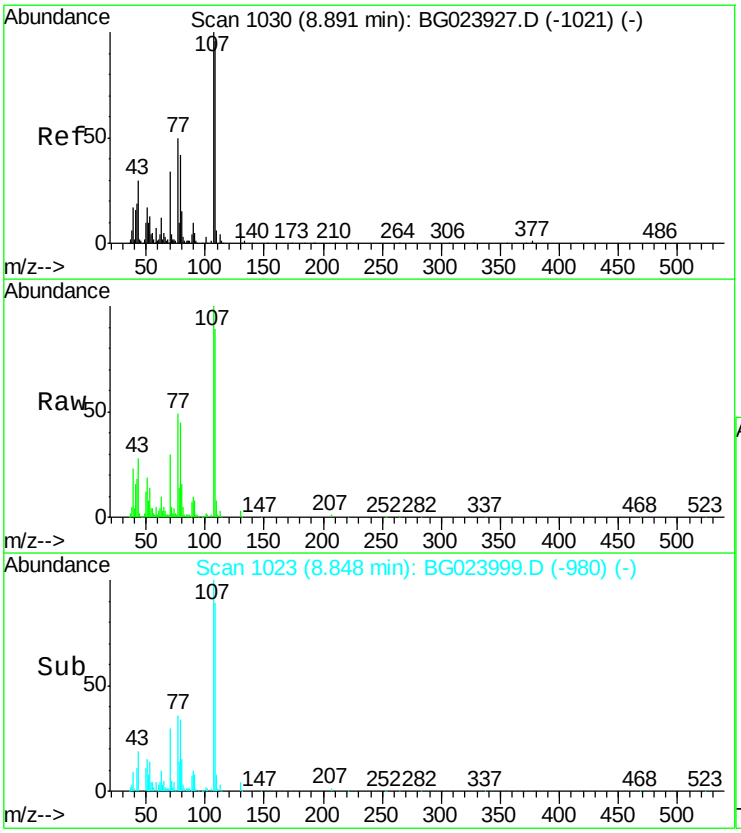

#19
n-Nitroso-di-n-propylamine
Concen: 45.22 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 70 Resp: 145500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.8 | 42.1 | 63.1 |
| 101 | 8.7 | 7.2 | 10.8 |
| 130 | 15.7 | 14.2 | 21.2 |

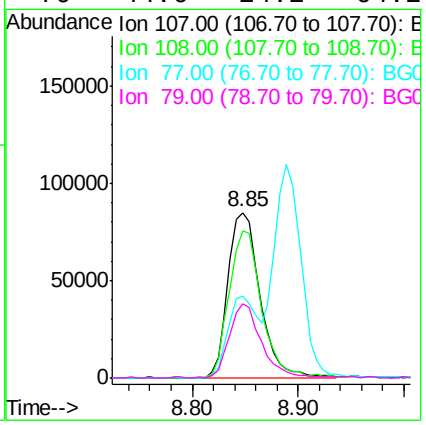


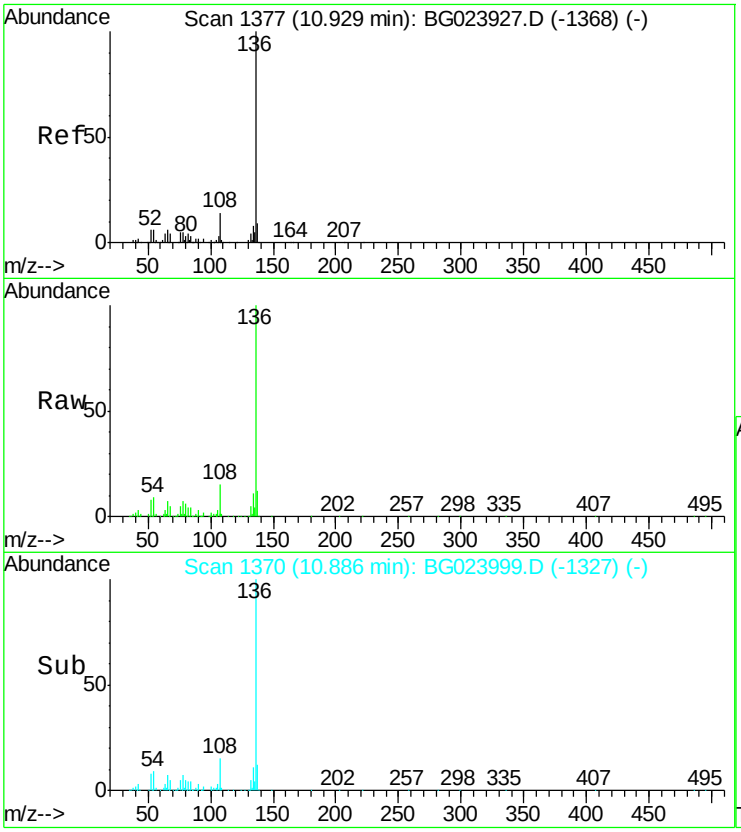




#20
3+4-Methylphenols
Concen: 49.95 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:107 Resp: 179671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.3 | 72.5 | 112.5 |
| 77 | 49.4 | 30.1 | 70.1 |
| 79 | 44.6 | 24.2 | 64.2 |



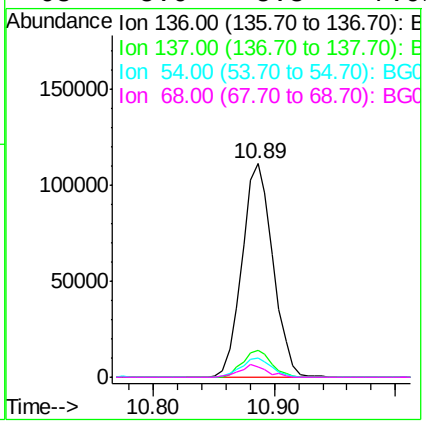


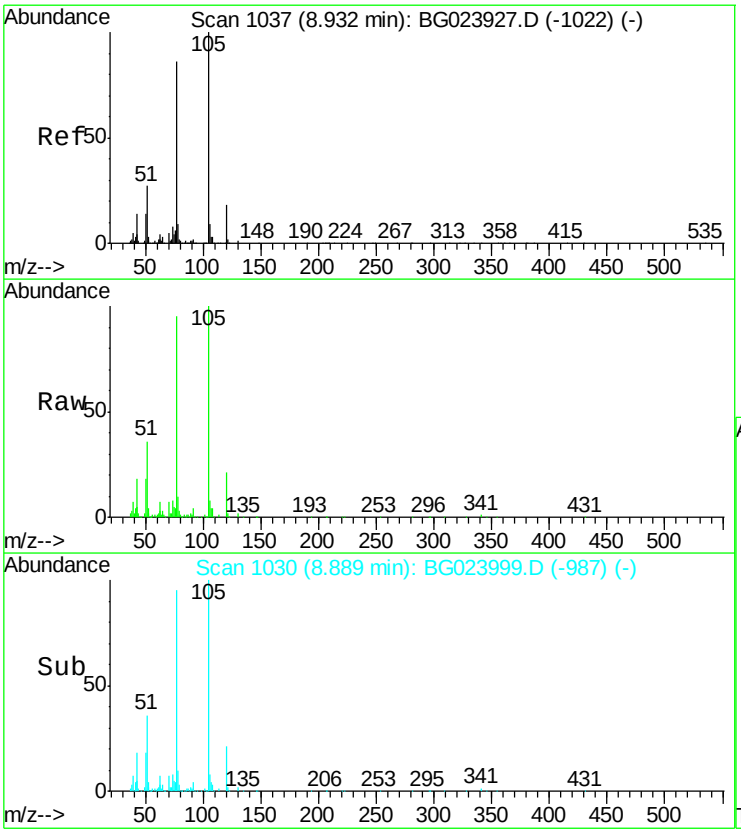

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:136 Resp: 198272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.5 | 9.6 | 14.4 |
| 54 | 9.2 | 7.3 | 10.9 |
| 68 | 5.0 | 5.3 | 7.9# |

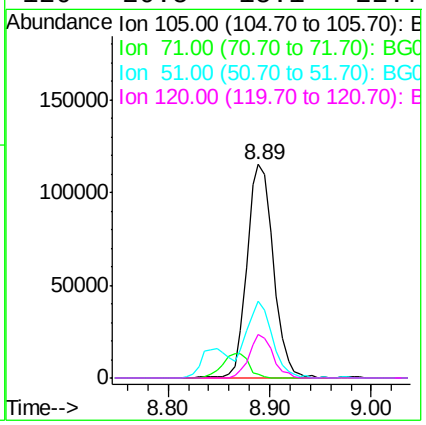


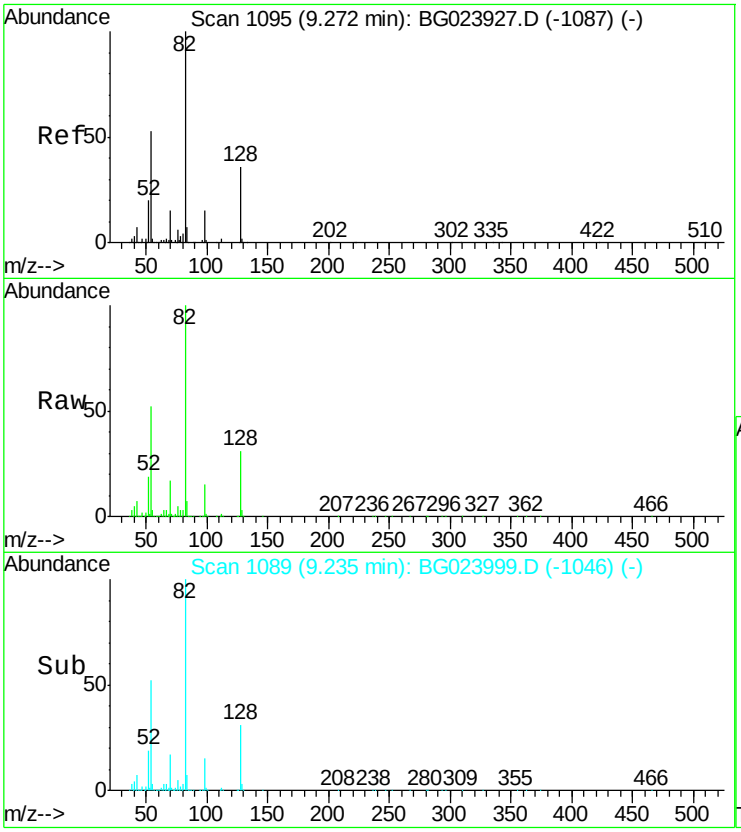




#22
Acetophenone
Concen: 40.49 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:105 Resp: 207860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.0 | 2.6 | 3.8# |
| 51 | 35.8 | 27.1 | 40.7 |
| 120 | 20.5 | 15.1 | 22.7 |



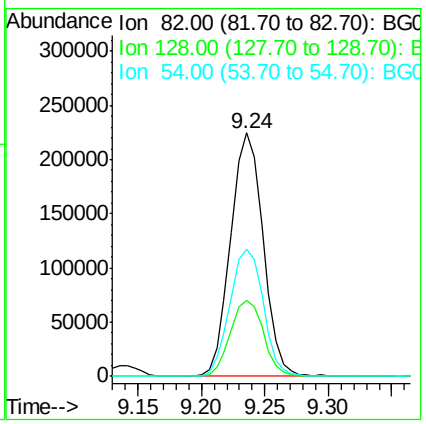


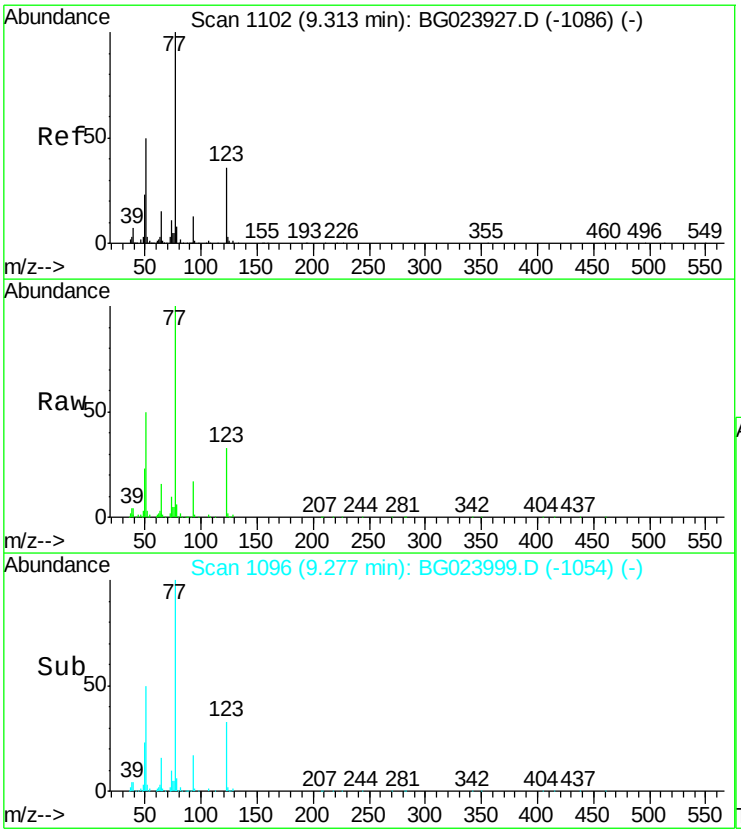

#23
Nitrobenzene-d5
Concen: 89.98 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 82 Resp: 399599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 31.2 | 24.4 | 36.6 |
| 54 | 52.3 | 41.4 | 62.0 |

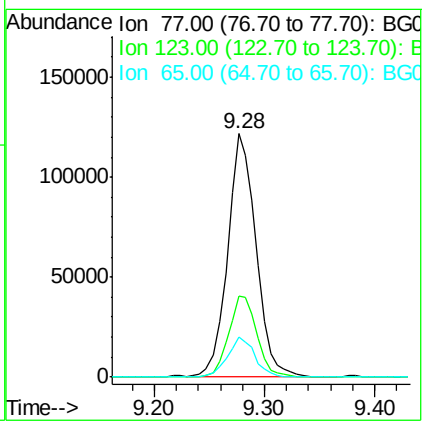


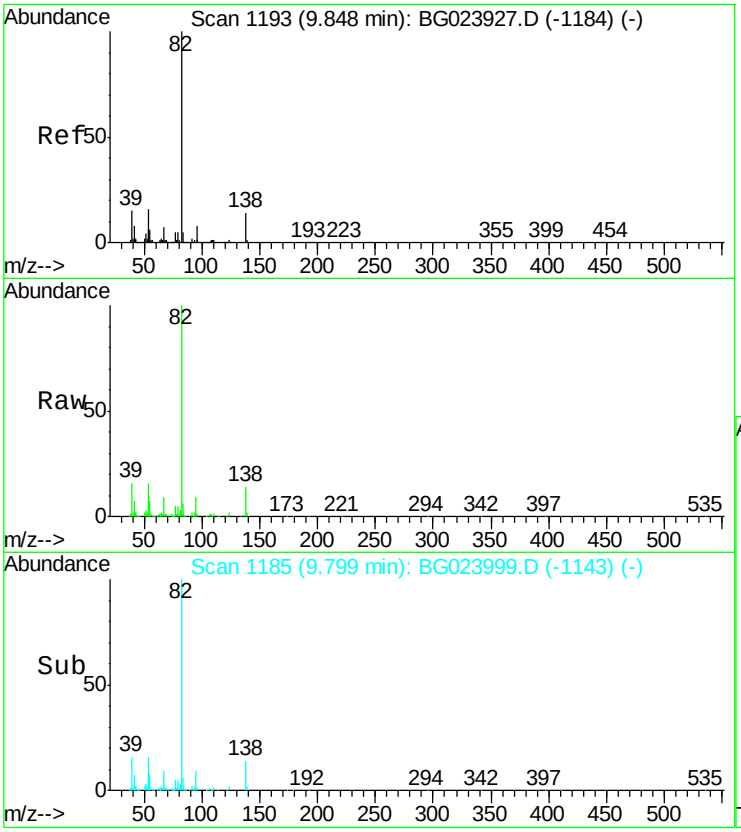




#24
Nitrobenzene
Concen: 45.61 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 77 Resp: 217816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 33.4 | 25.0 | 37.6 |
| 65 | 16.4 | 13.4 | 20.0 |



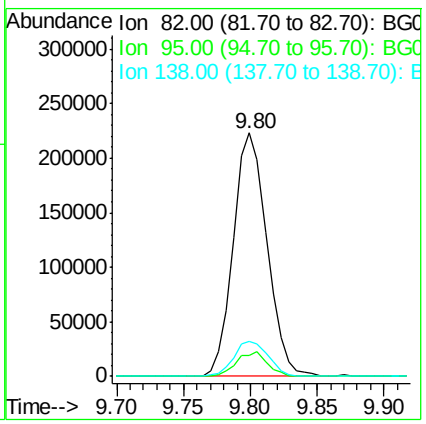


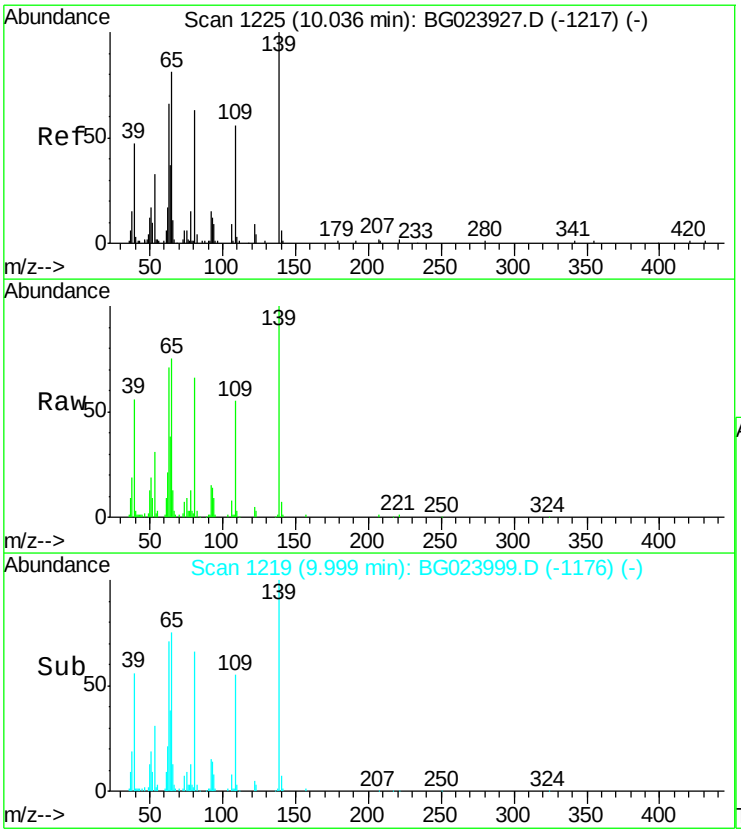

#25
Isophorone
Concen: 45.31 ng
RT: 9.80 min Scan# 1185
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 82 Resp: 390225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.8 | 8.2 | 12.2 |
| 138 | 14.2 | 10.7 | 16.1 |

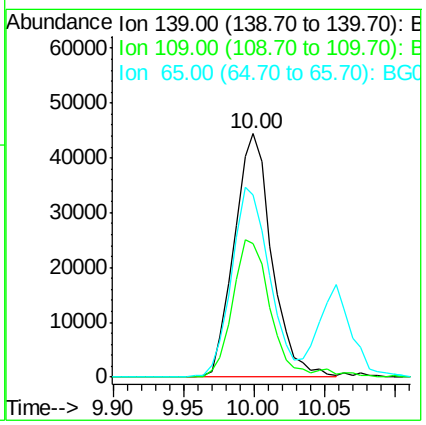


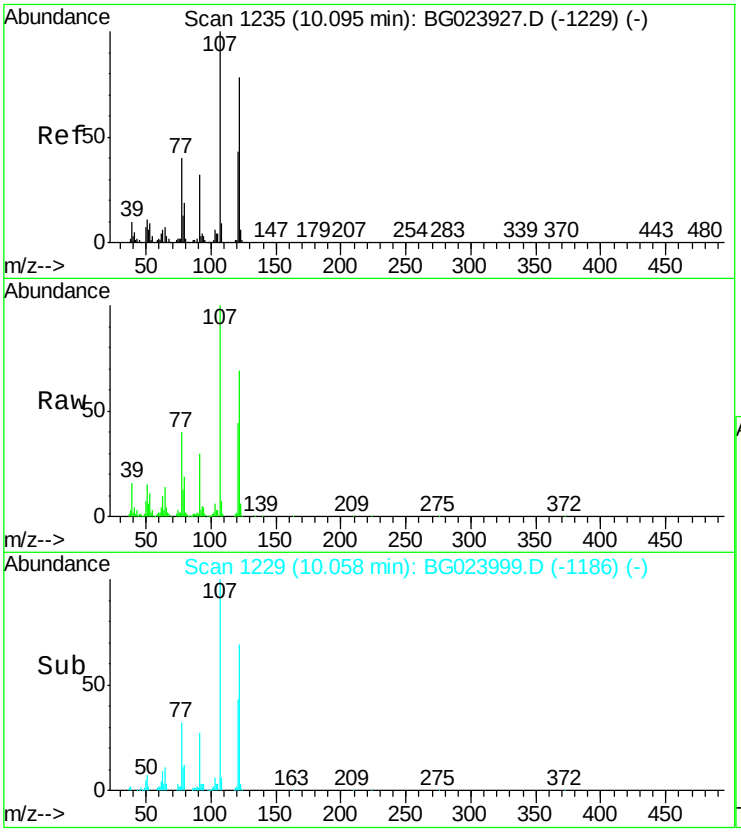




#26
2-Nitrophenol
Concen: 45.61 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:139 Resp: 82802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 54.7 | 43.5 | 65.3 |
| 65 | 74.7 | 64.3 | 96.5 |



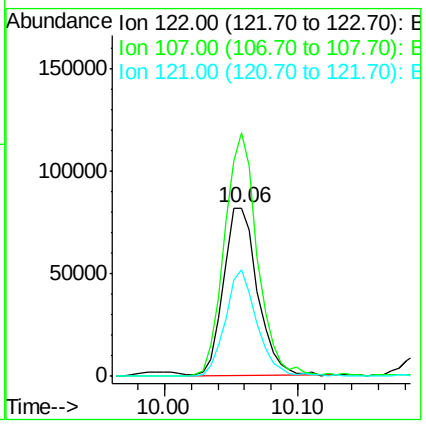


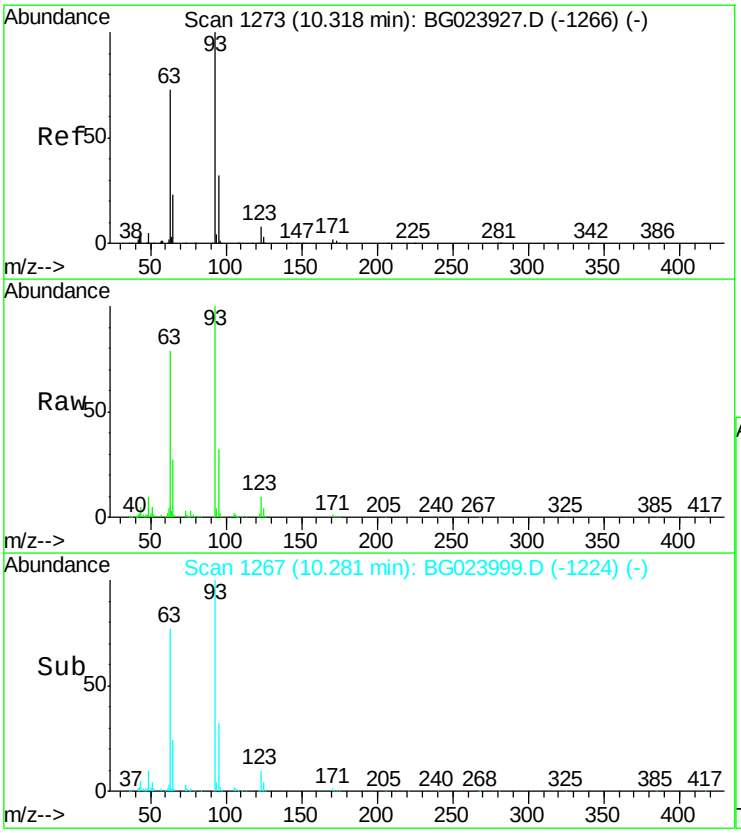

#27
2,4-Dimethylphenol
Concen: 47.28 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:122 Resp: 145887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 144.3 | 117.0 | 175.4 |
| 121 | 62.9 | 50.1 | 75.1 |

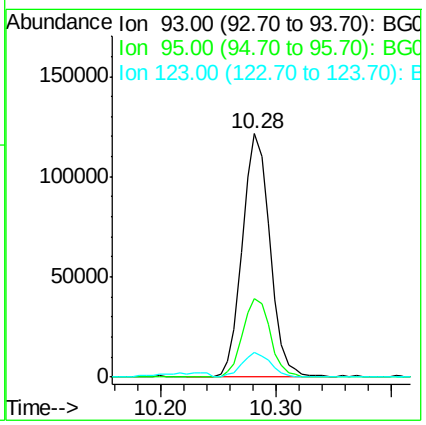


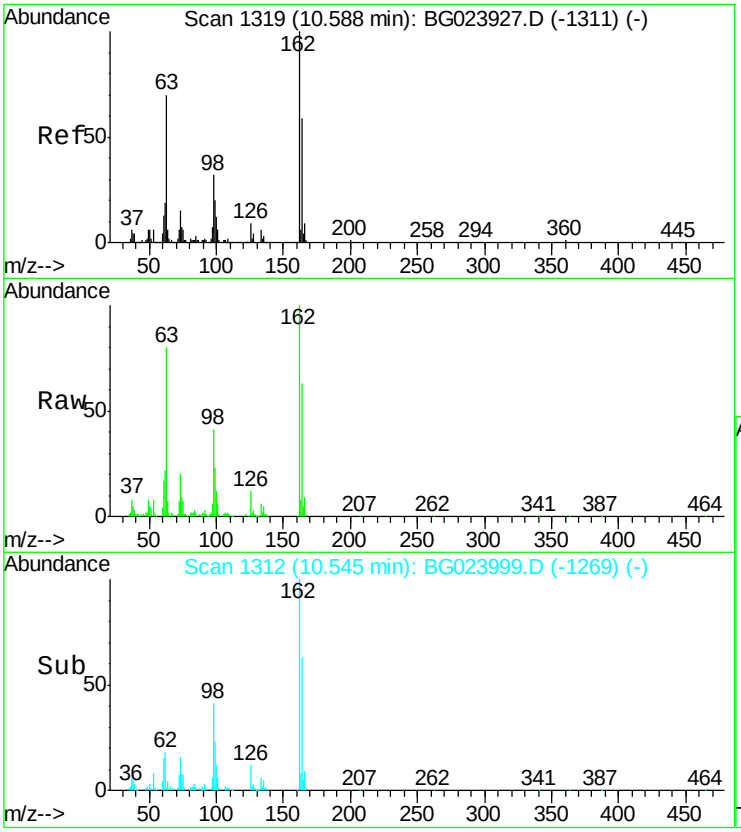




#28
bis(2-Chloroethoxy)methane
Concen: 46.54 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 93 Resp: 202398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 25.4 | 38.2 |
| 123 | 10.1 | 8.2 | 12.2 |



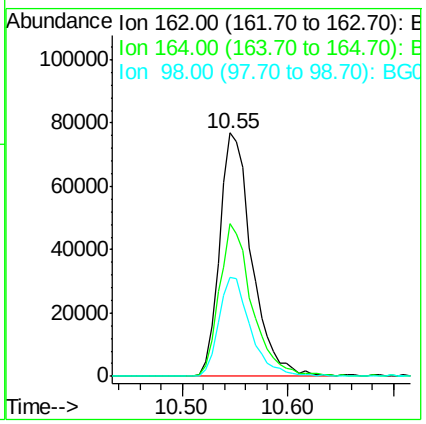


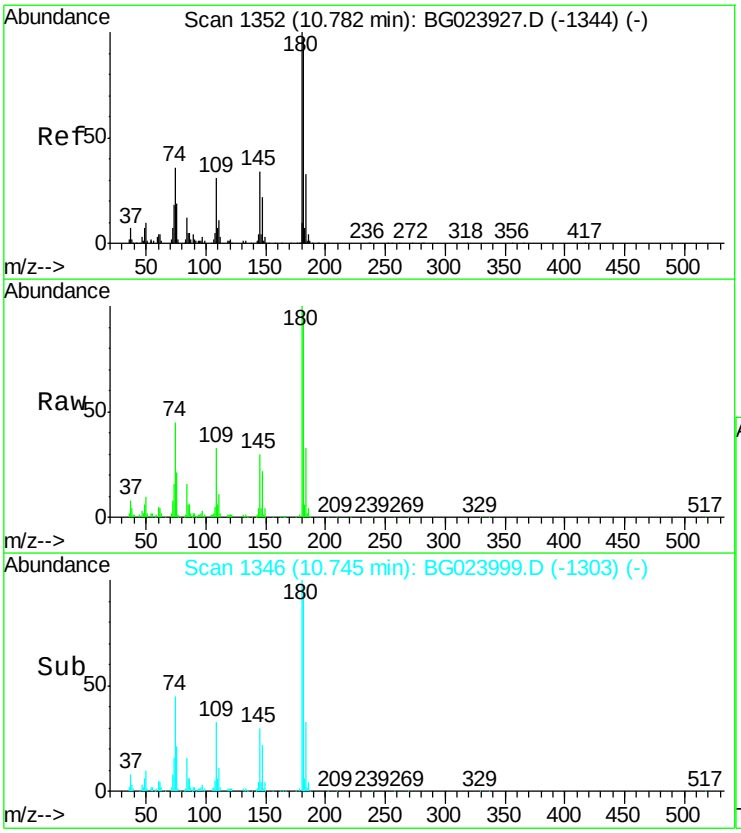

#29
2,4-Dichlorophenol
Concen: 49.71 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:162 Resp: 162505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.6 | 44.3 | 84.3 |
| 98 | 40.6 | 19.5 | 59.5 |

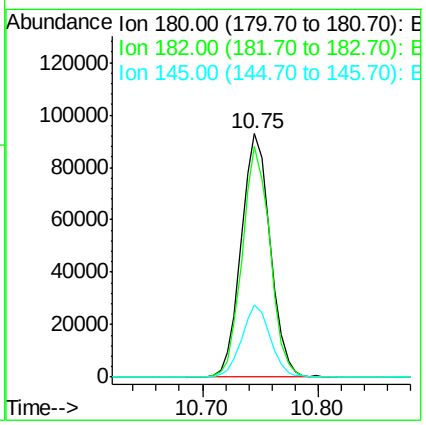


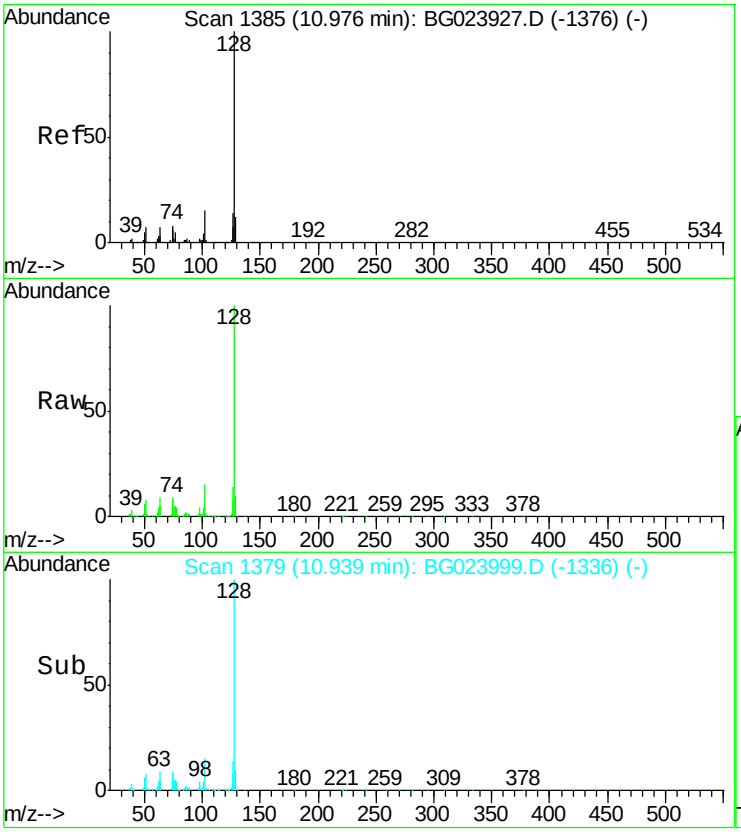




#30
1,2,4-Trichlorobenzene
Concen: 45.38 ng
RT: 10.75 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:180 Resp: 162716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 73.8 | 110.8 |
| 145 | 29.6 | 24.4 | 36.6 |



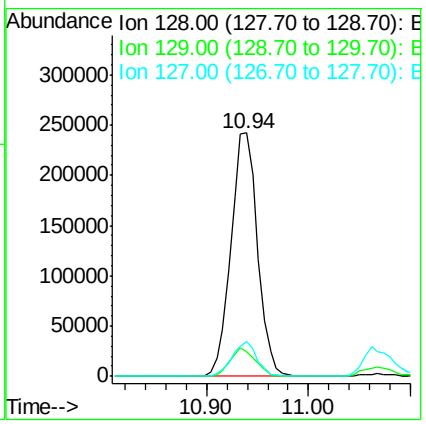


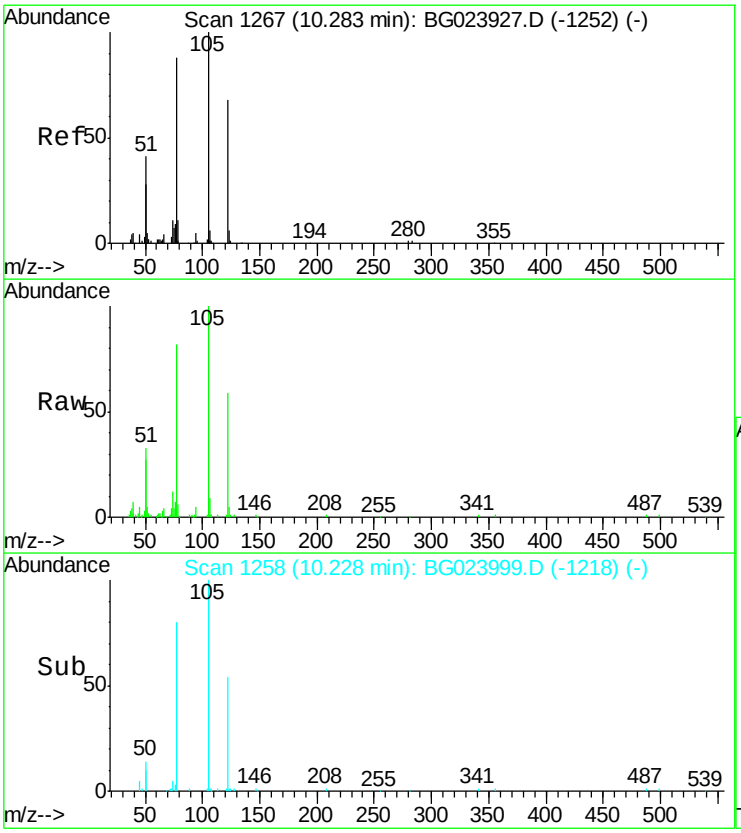

#31
Naphthalene
Concen: 43.11 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:128 Resp: 440391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.2 | 9.4 | 14.0 |
| 127 | 14.3 | 11.3 | 16.9 |

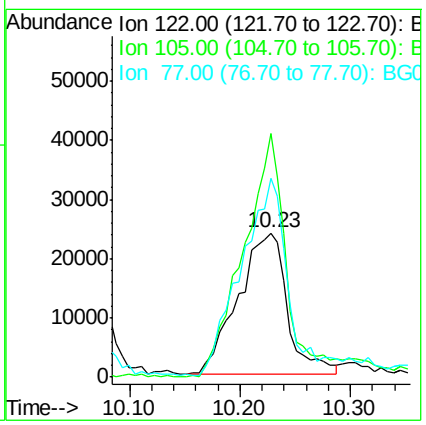


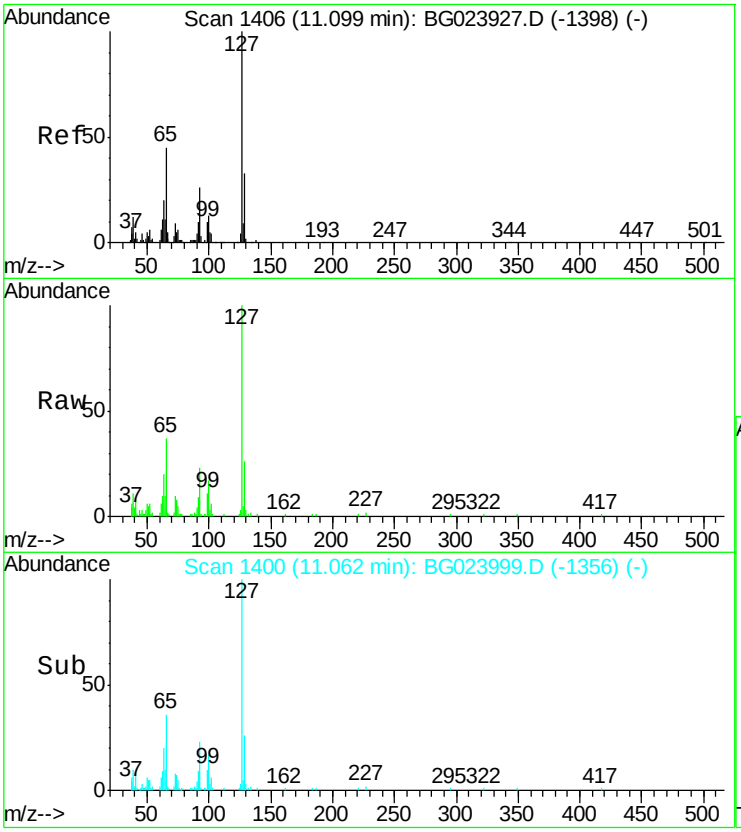




#32
Benzoic acid
Concen: 29.98 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.07 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:122 Resp: 75115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 168.8 | 117.2 | 157.2# |
| 77 | 138.1 | 109.2 | 149.2 |



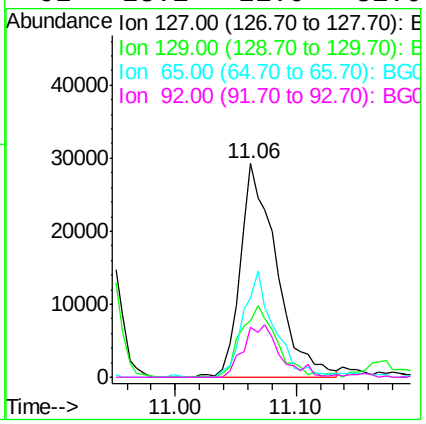


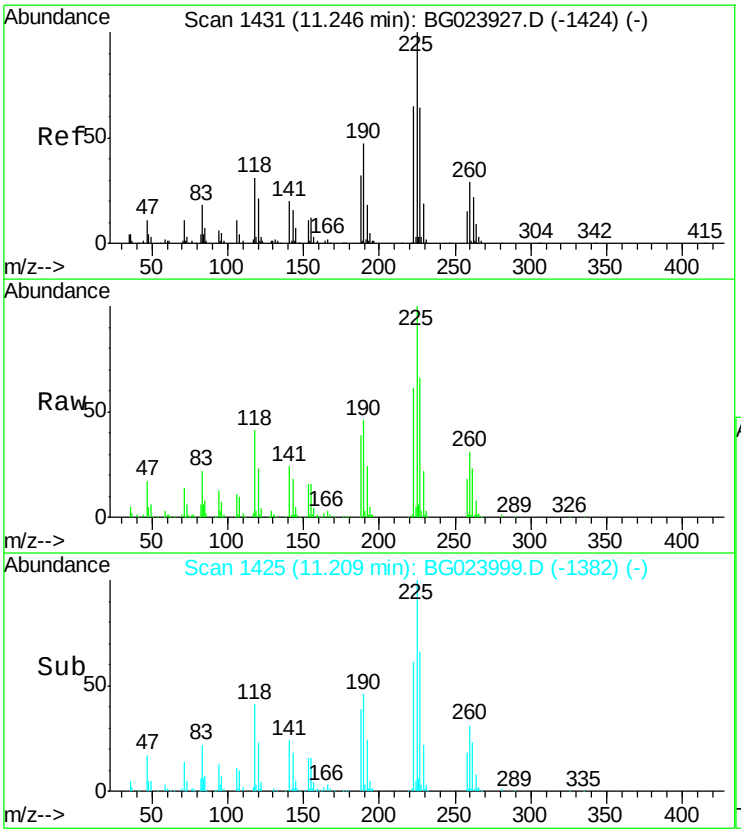

#33
4-Chloroaniline
Concen: 14.25 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:127 Resp: 60786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 26.4 | 27.9 | 41.9# |
| 65 | 37.4 | 36.8 | 55.2 |
| 92 | 23.1 | 21.0 | 31.6 |

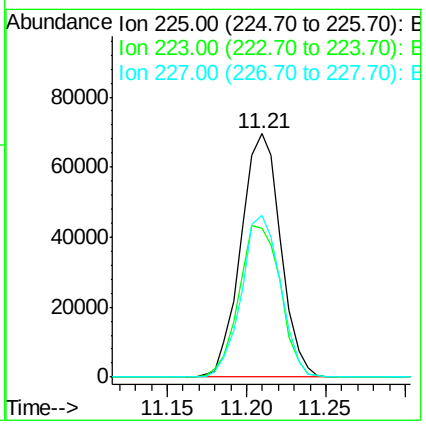


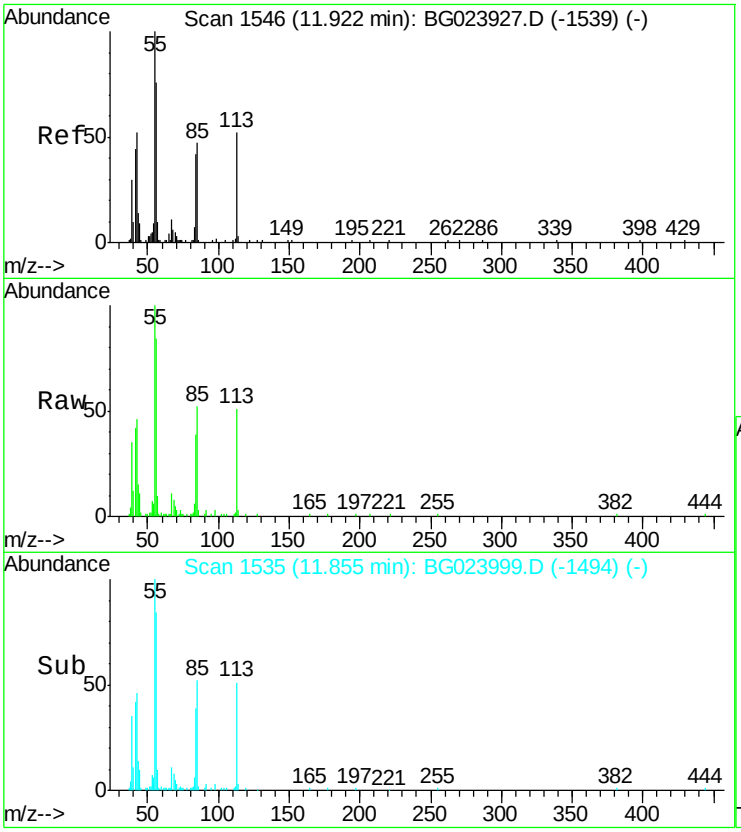




#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:225 Resp: 121109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.3 | 49.6 | 74.4 |
| 227 | 66.5 | 54.5 | 81.7 |



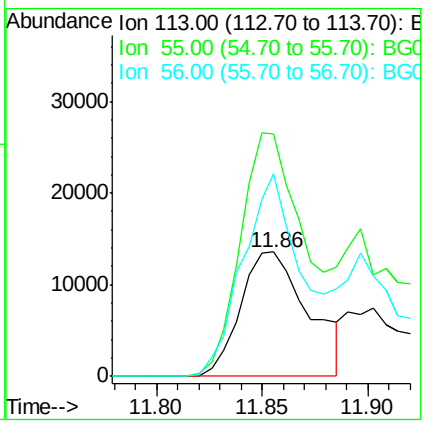


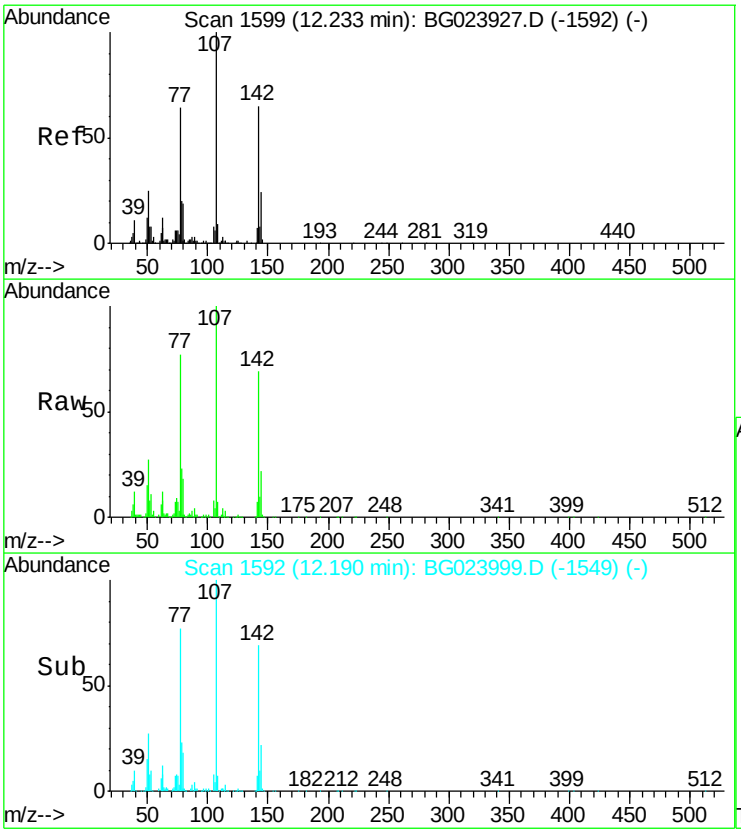

#35
Caprolactam
Concen: 26.23 ng
RT: 11.86 min Scan# 1535
Delta R.T. -0.06 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:113 Resp: 30219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.4 | 154.5 | 194.5# |
| 56 | 163.5 | 125.1 | 165.1 |

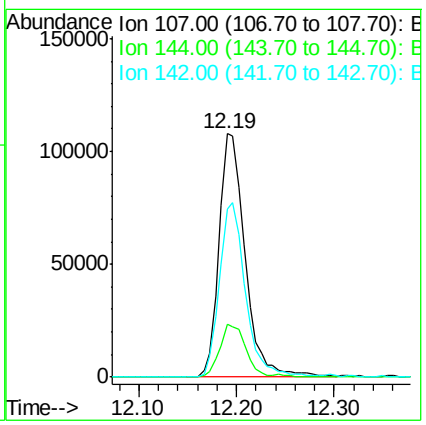


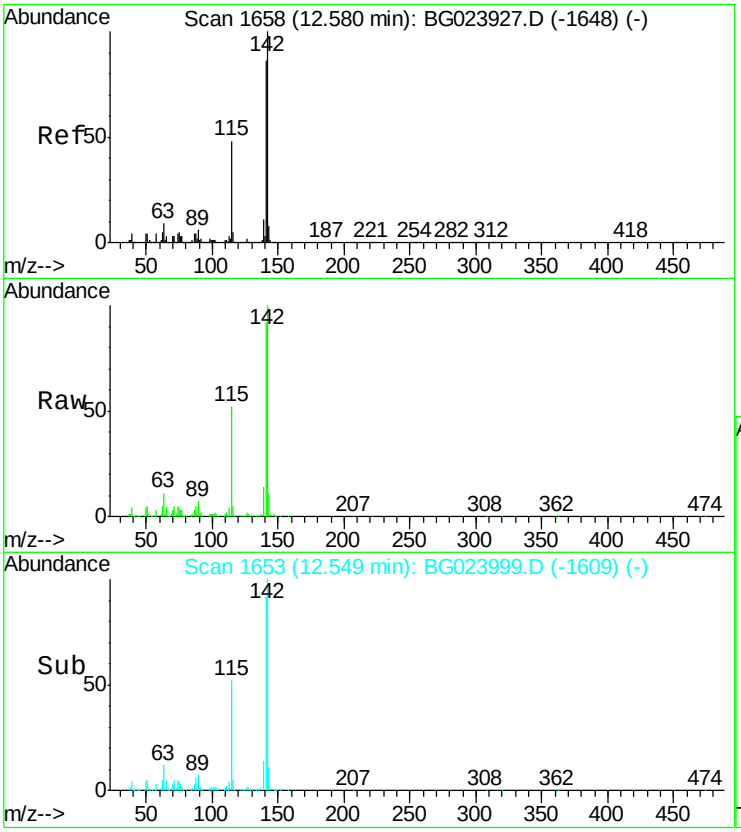




#36
4-Chloro-3-methylphenol
Concen: 45.75 ng
RT: 12.19 min Scan# 1592
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:107 Resp: 199857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.9 | 17.0 | 25.6 |
| 142 | 69.0 | 53.0 | 79.6 |



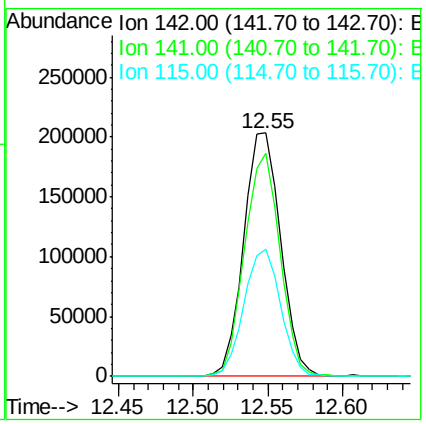


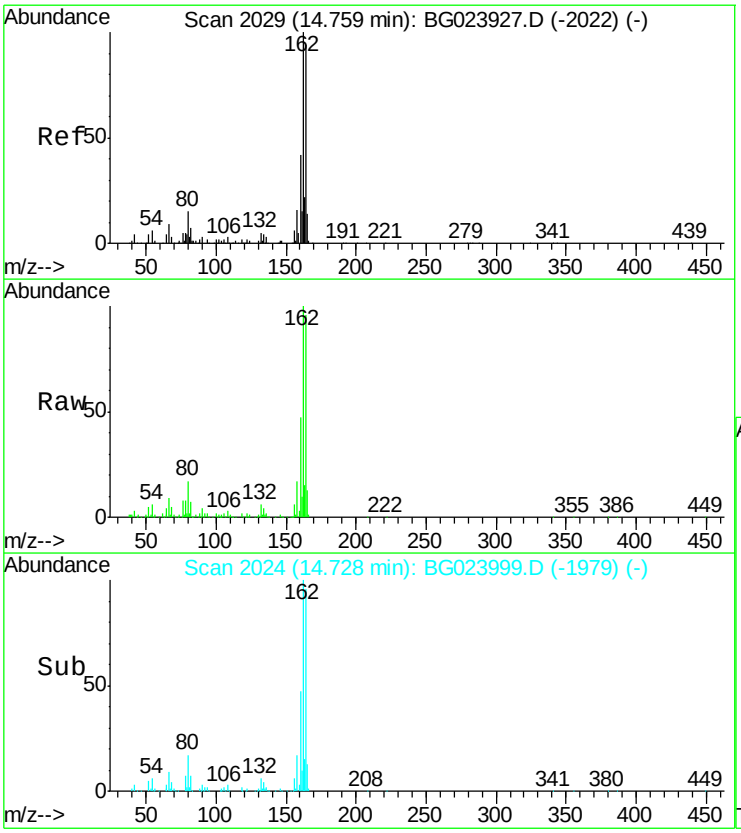

#37
2-Methylnaphthalene
Concen: 44.85 ng
RT: 12.55 min Scan# 1653
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:142 Resp: 348562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.9 | 70.2 | 105.2 |
| 115 | 52.0 | 41.7 | 62.5 |

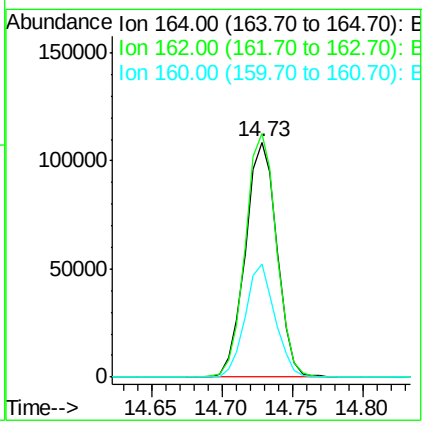


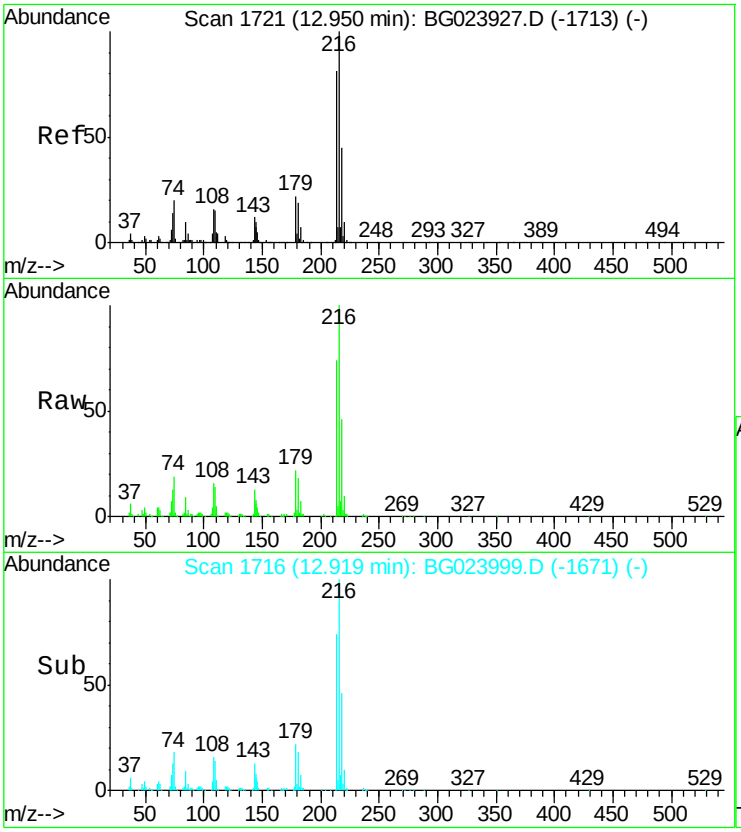




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:164 Resp: 170496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 87.7 | 131.5 |
| 160 | 48.3 | 37.2 | 55.8 |



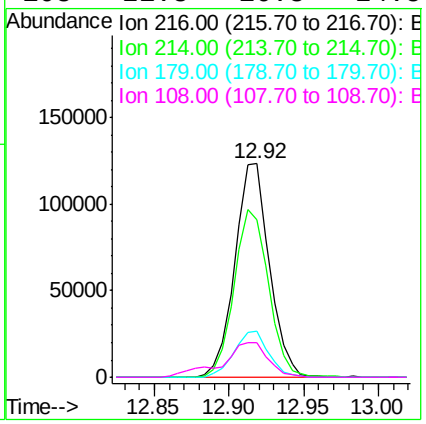


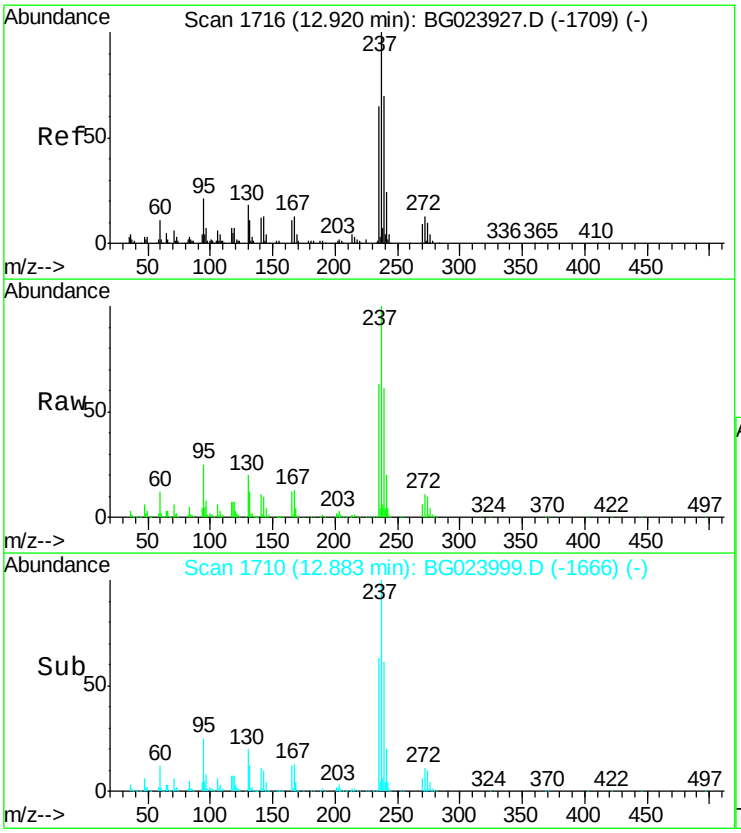

#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.06 ng
RT: 12.92 min Scan# 1716
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:216 Resp: 198435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.9 | 94.3 |
| 179 | 21.8 | 17.2 | 25.8 |
| 108 | 21.8 | 16.3 | 24.5 |

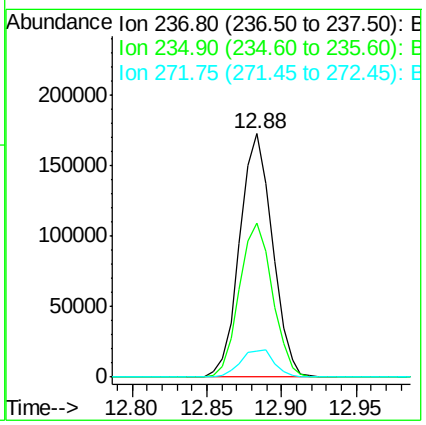


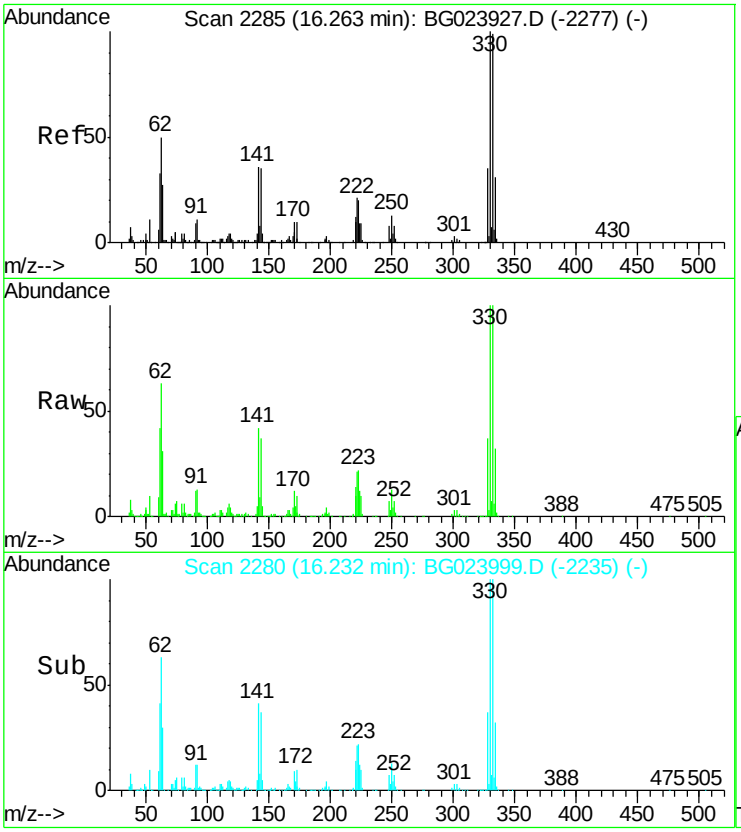




#40
Hexachlorocyclopentadiene
Concen: 77.00 ng
RT: 12.88 min Scan# 1710
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:237 Resp: 261553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.1 | 83.1 |
| 272 | 10.7 | 0.0 | 30.9 |



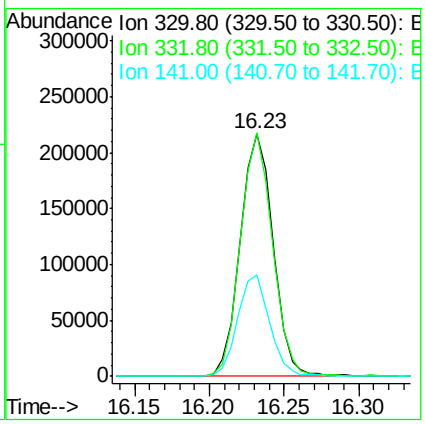


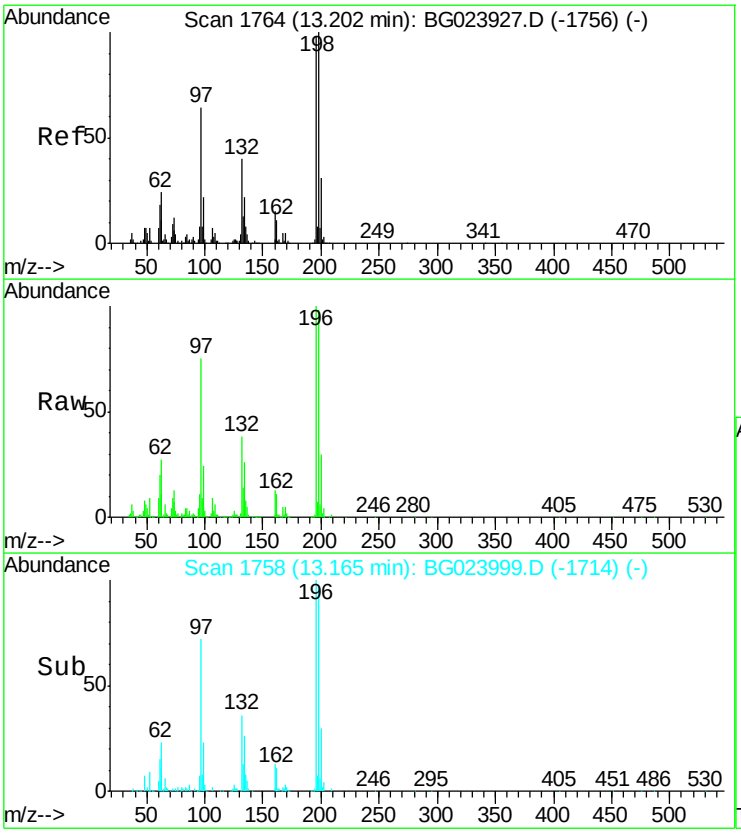

#41
2,4,6-Tribromophenol
Concen: 107.48 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:330 Resp: 330151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 77.4 | 116.2 |
| 141 | 41.1 | 31.7 | 47.5 |

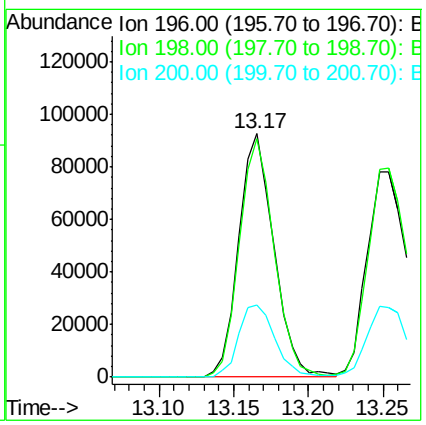


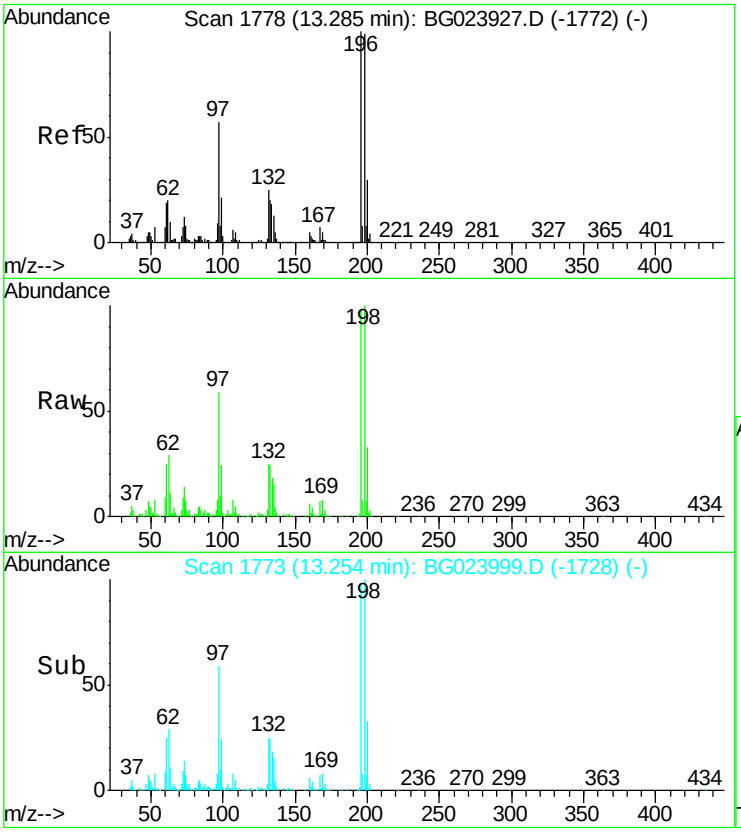




#42
2,4,6-Trichlorophenol
Concen: 40.03 ng
RT: 13.17 min Scan# 1758
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:196 Resp: 151177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 78.2 | 117.2 |
| 200 | 29.7 | 27.0 | 40.4 |



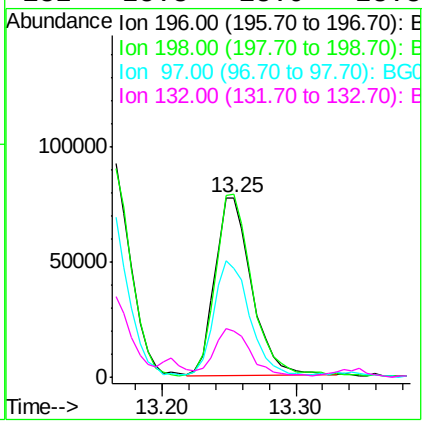


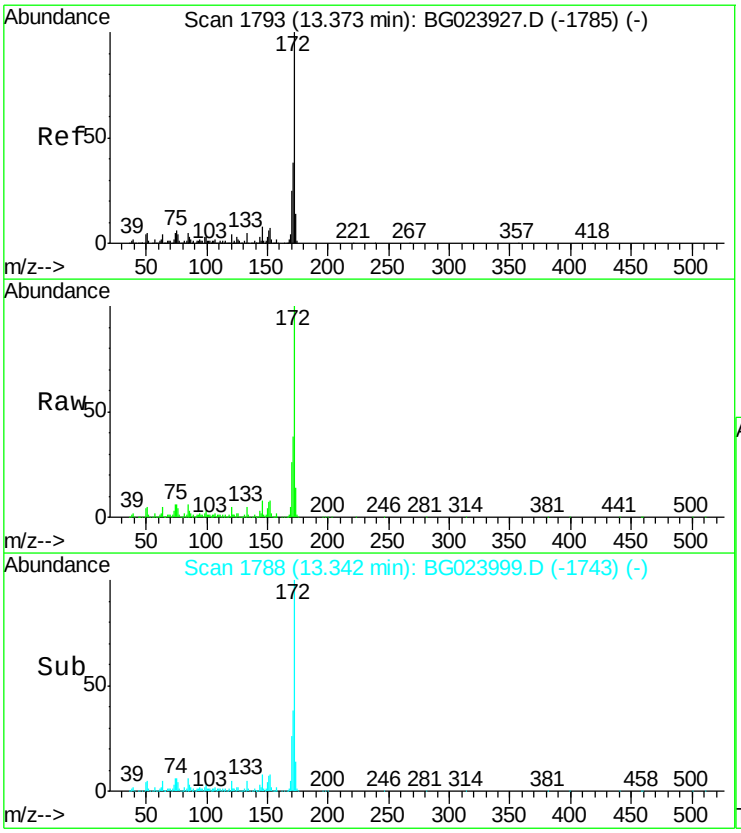

#43
2,4,5-Trichlorophenol
Concen: 39.39 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:196 Resp: 150378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.1 | 85.7 | 128.5 |
| 97 | 60.6 | 45.5 | 68.3 |
| 132 | 25.3 | 18.9 | 28.3 |

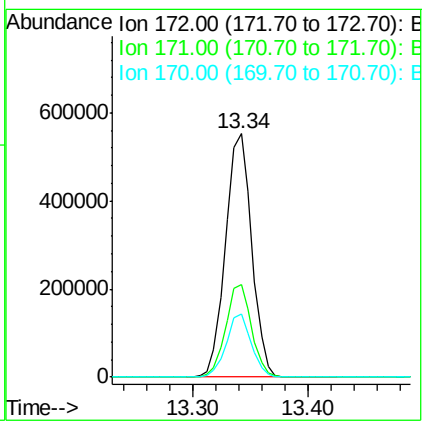


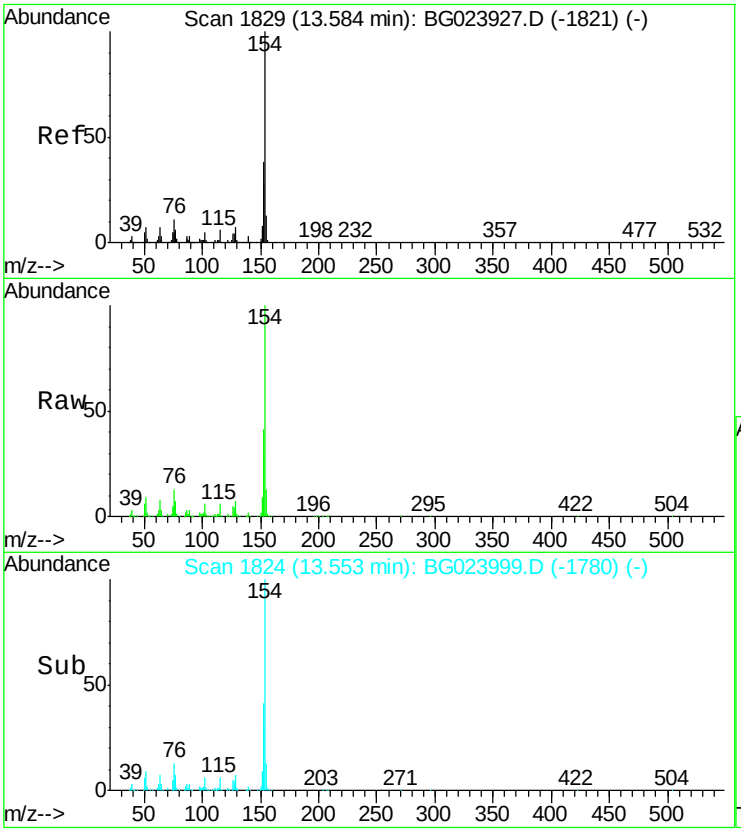




#44
2-Fluorobiphenyl
Concen: 72.78 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:172 Resp: 865445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.2 | 31.6 | 47.4 |
| 170 | 25.9 | 21.3 | 31.9 |



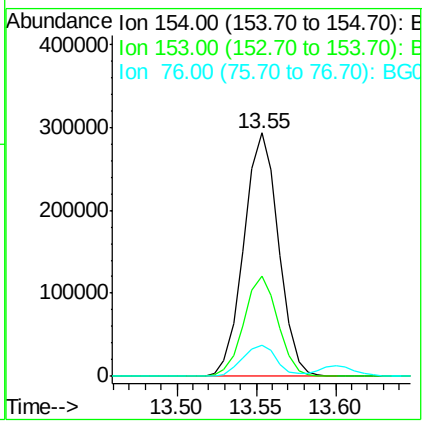


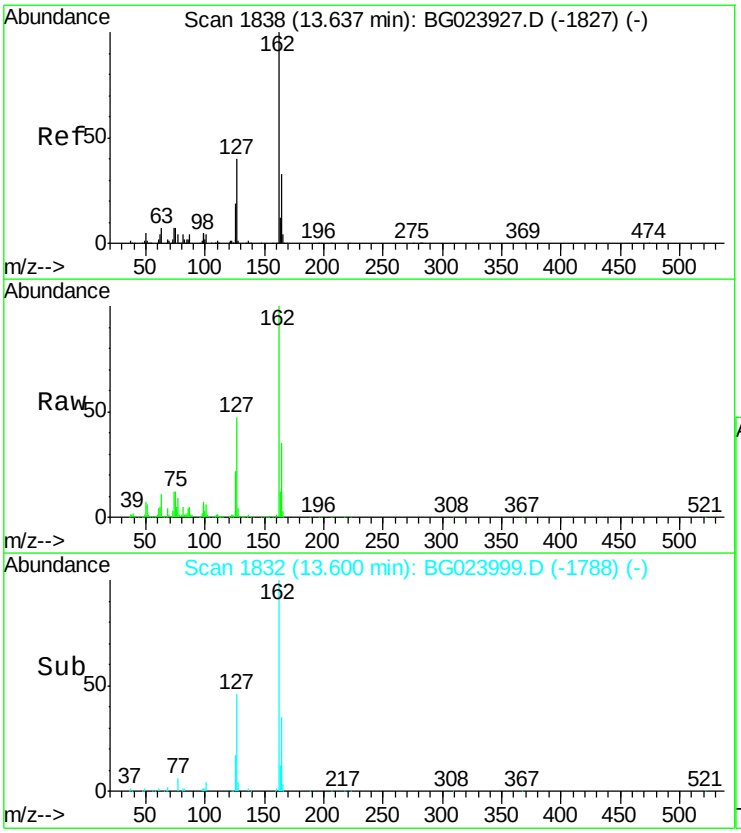

#45
1,1'-Biphenyl
Concen: 32.45 ng
RT: 13.55 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:154 Resp: 444989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 20.2 | 60.2 |
| 76 | 12.8 | 0.0 | 32.9 |

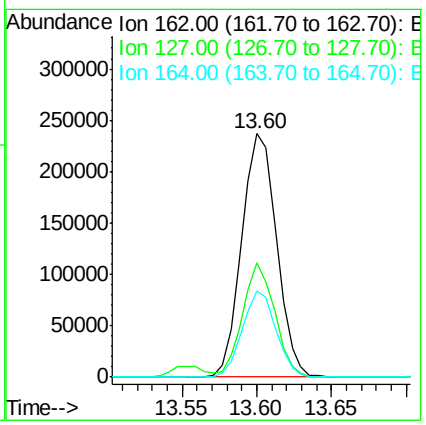


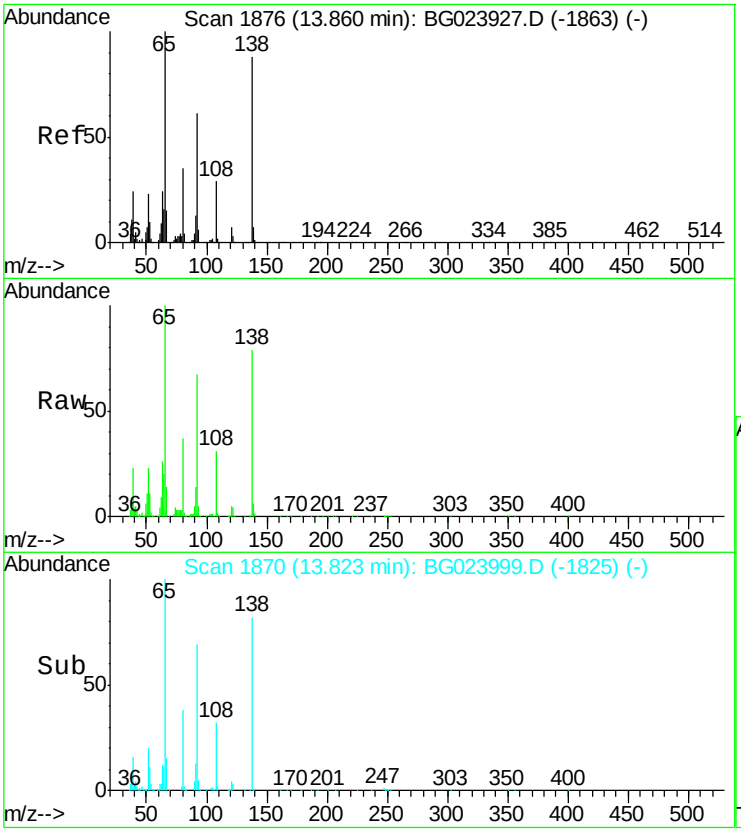




#46
2-Chloronaphthalene
Concen: 38.15 ng
RT: 13.60 min Scan# 1832
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:162 Resp: 384058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 46.9 | 32.4 | 48.6 |
| 164 | 35.3 | 25.2 | 37.8 |



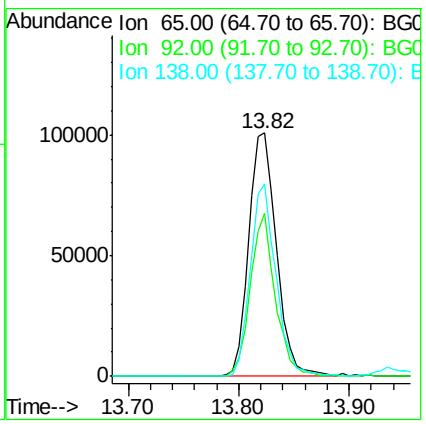


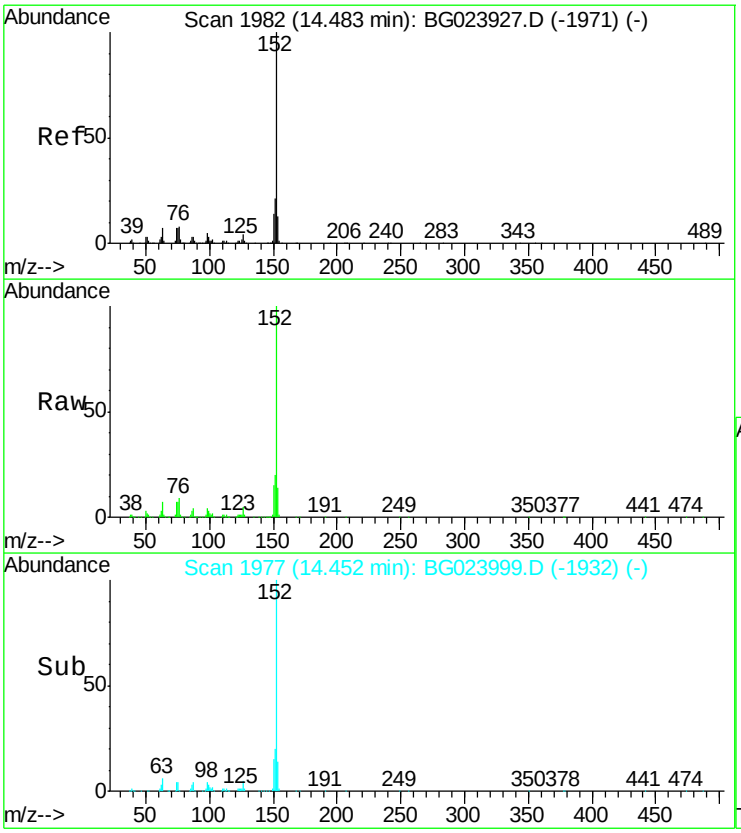

#47
2-Nitroaniline
Concen: 44.85 ng
RT: 13.82 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion: 65 Resp: 177842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.0 | 49.4 | 74.0 |
| 138 | 79.0 | 58.0 | 87.0 |

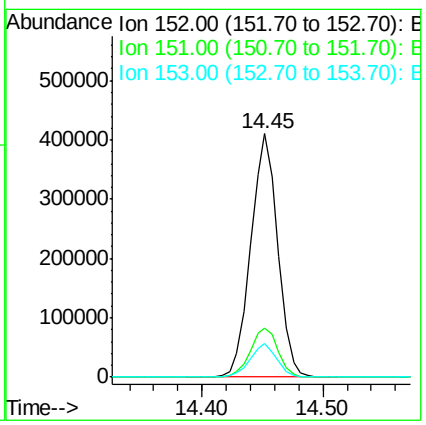


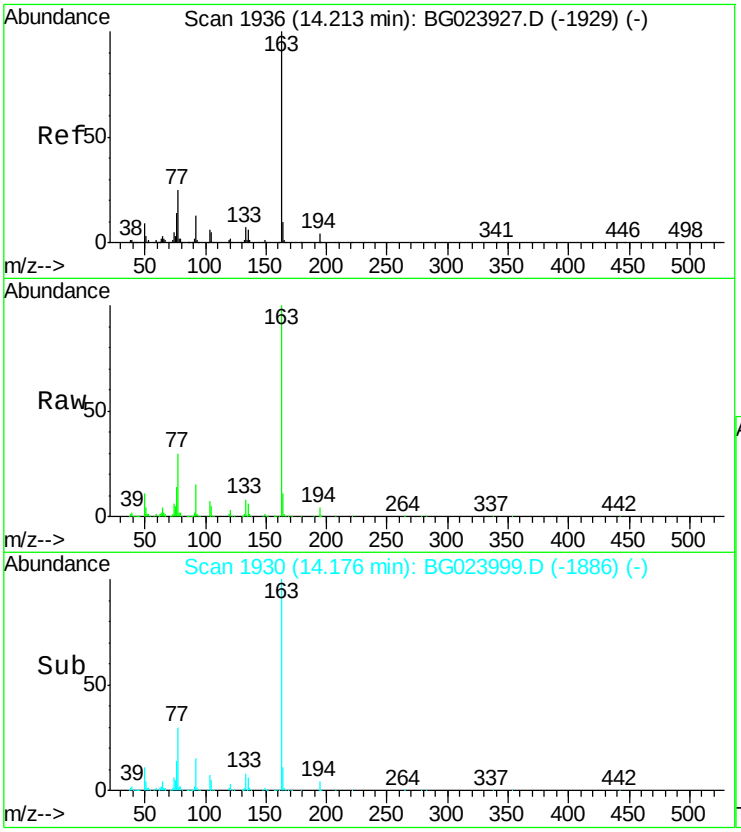




#48
Acenaphthylene
Concen: 37.89 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:152 Resp: 635819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 17.6 | 26.4 |
| 153 | 13.7 | 11.4 | 17.2 |



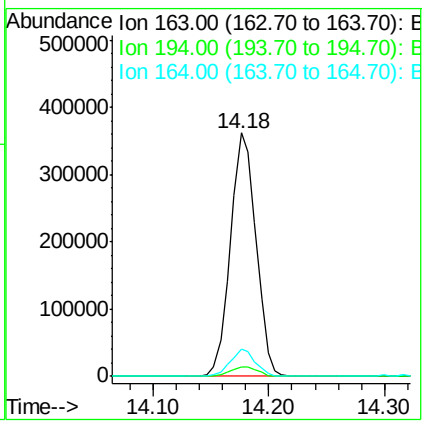


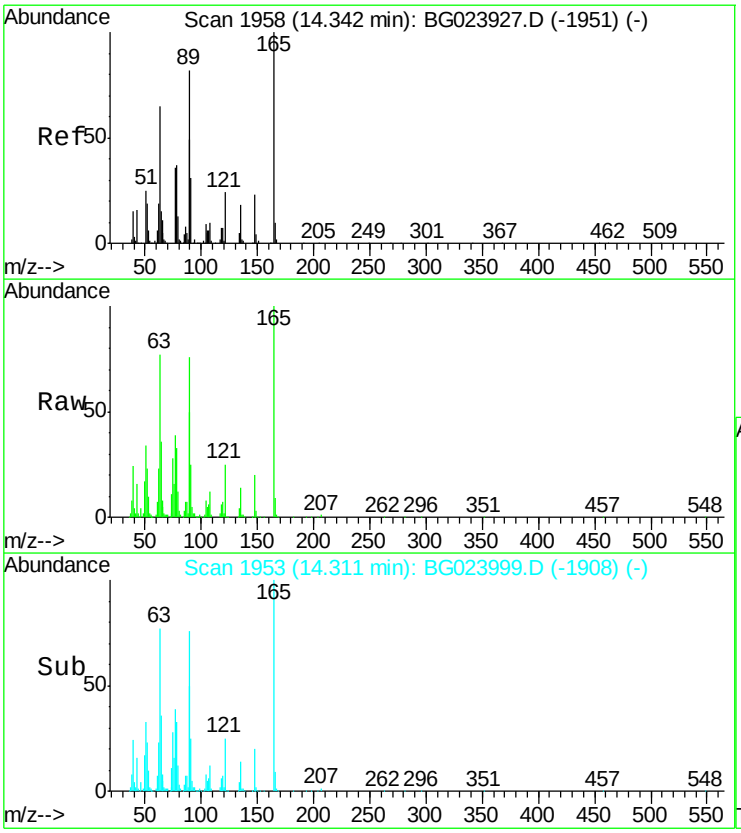

#49
Dimethylphthalate
Concen: 37.95 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:163 Resp: 554760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.6 | 5.4 |
| 164 | 11.3 | 8.1 | 12.1 |

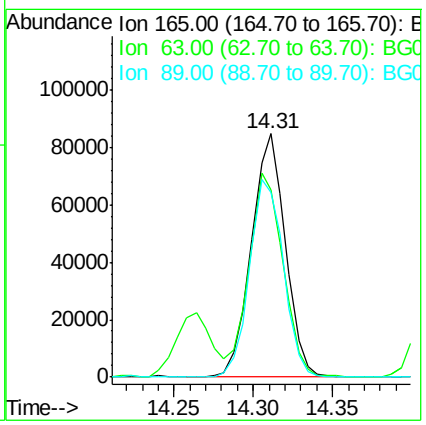


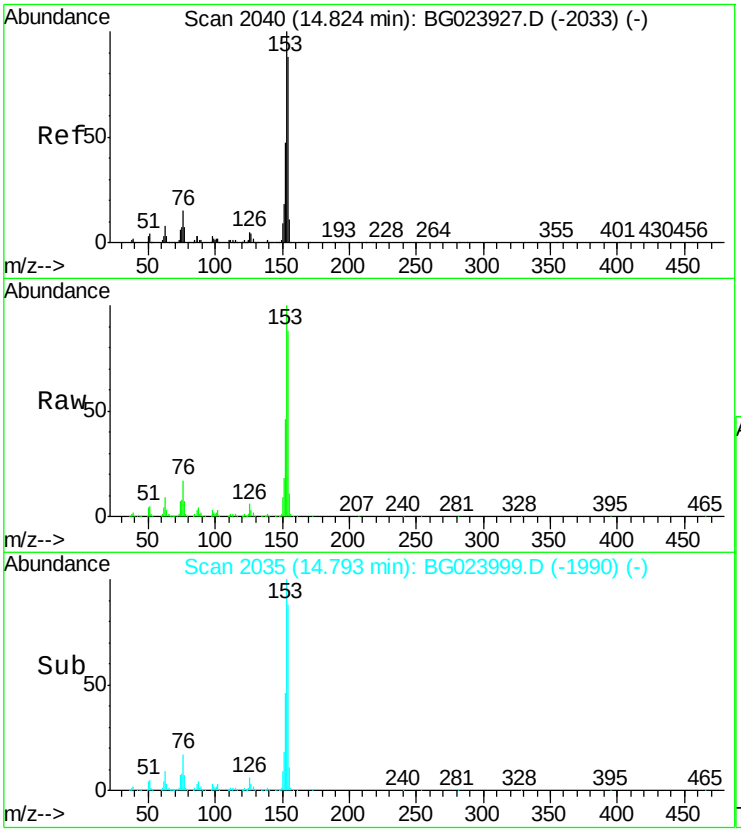




#50
2,6-Dinitrotoluene
Concen: 41.00 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:165 Resp: 126523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 76.7 | 64.3 | 96.5 |
| 89 | 76.1 | 64.3 | 96.5 |



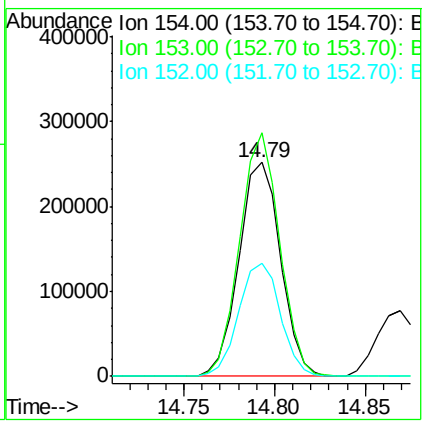


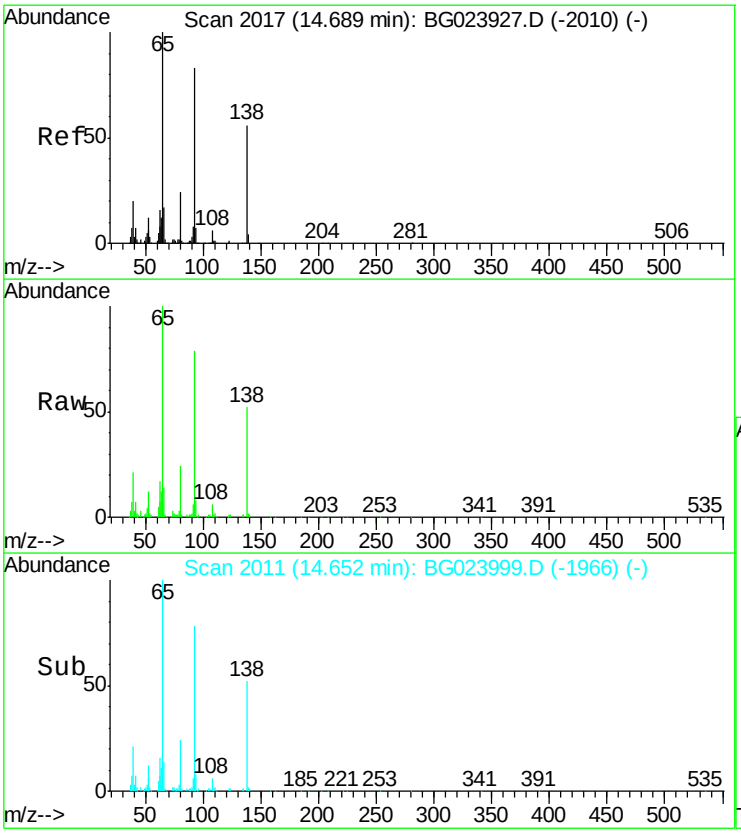

#51
Acenaphthene
Concen: 38.75 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:154 Resp: 402055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.8 | 87.5 | 131.3 |
| 152 | 52.8 | 42.7 | 64.1 |

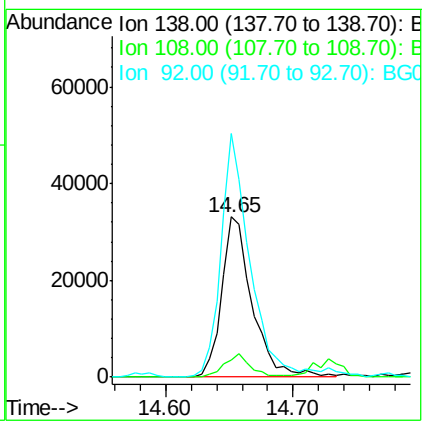


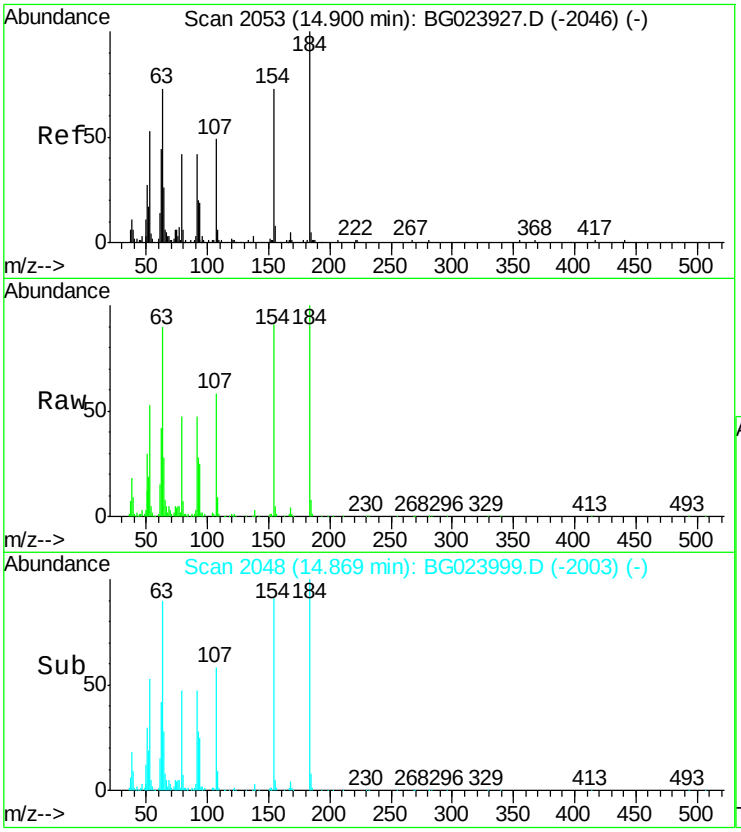




#52
3-Nitroaniline
Concen: 19.06 ng
RT: 14.65 min Scan# 2011
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:138 Resp: 55009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 11.7 | 17.5# |
| 92 | 152.3 | 129.7 | 194.5 |



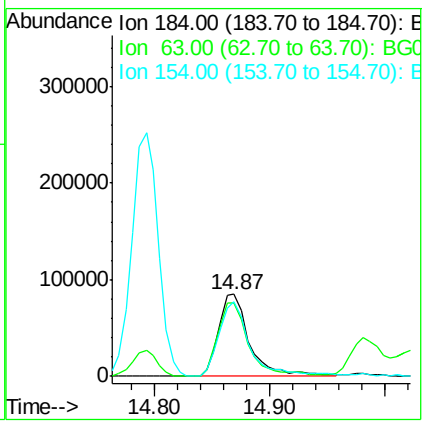


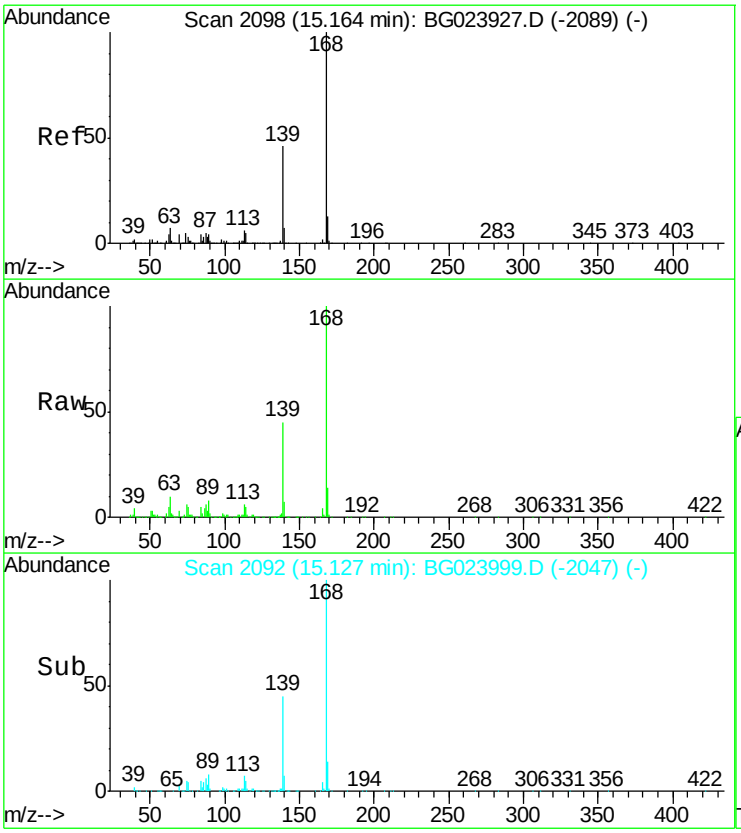

#53
2,4-Dinitrophenol
Concen: 71.27 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:184 Resp: 159057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 89.7 | 59.6 | 89.4# |
| 154 | 91.4 | 67.4 | 101.0 |

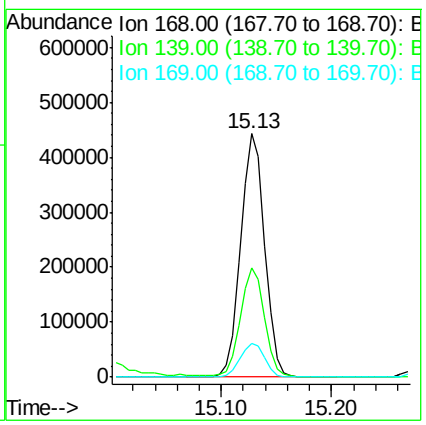


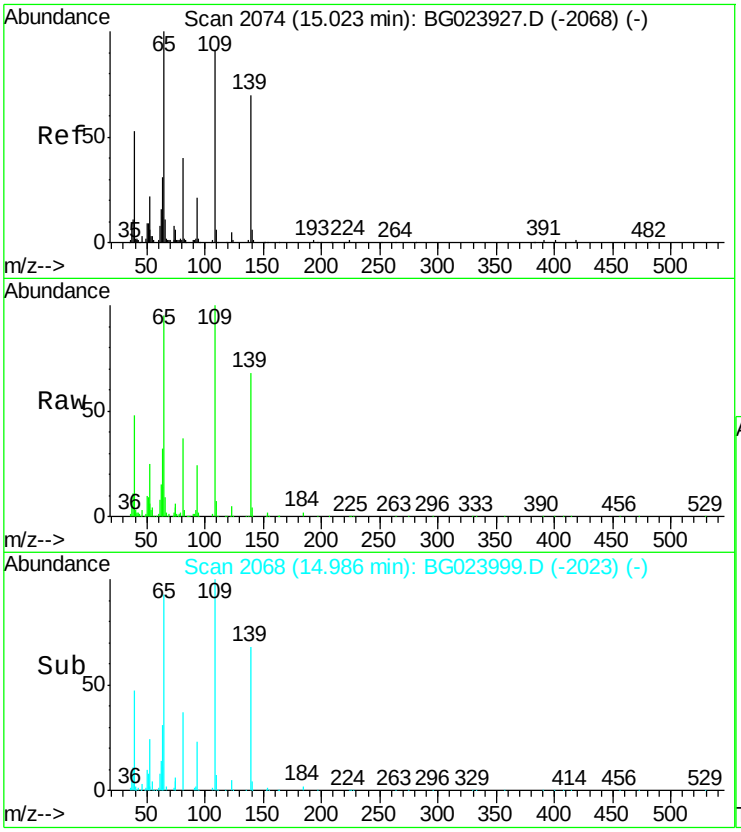




#54
Dibenzofuran
Concen: 41.58 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:168 Resp: 673354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 45.0 | 36.4 | 54.6 |
| 169 | 13.6 | 11.9 | 17.9 |



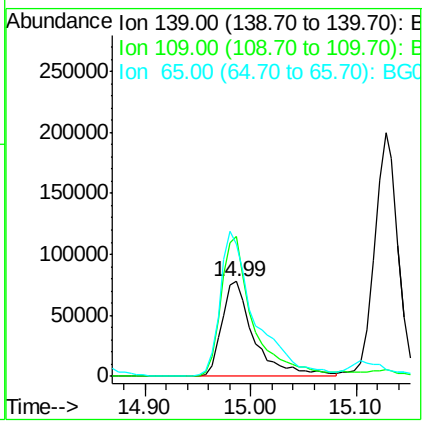


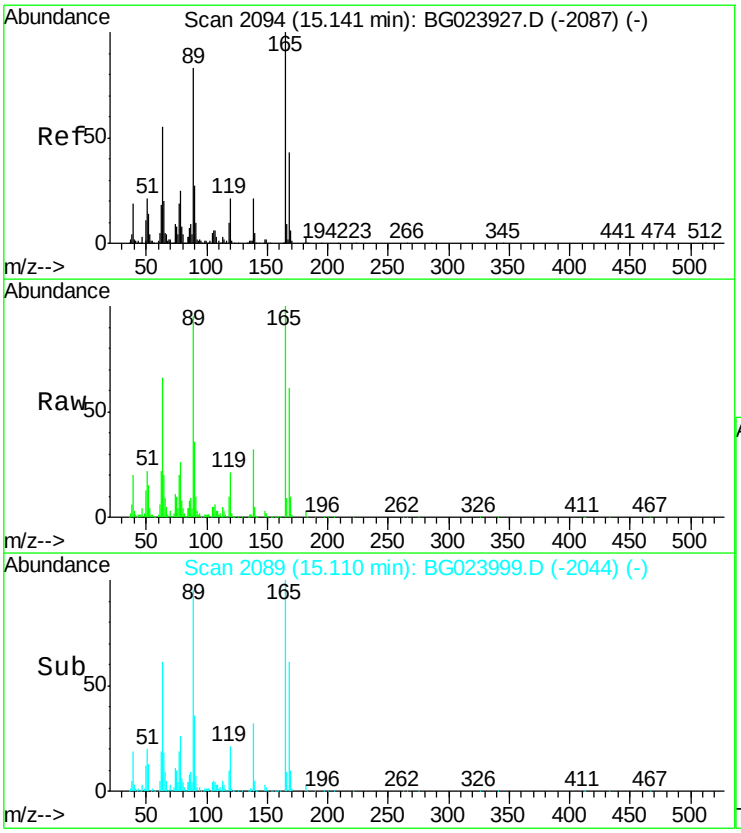

#55
4-Nitrophenol
Concen: 71.67 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:139 Resp: 164613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 147.3 | 103.0 | 143.0# |
| 65 | 139.7 | 112.7 | 152.7 |

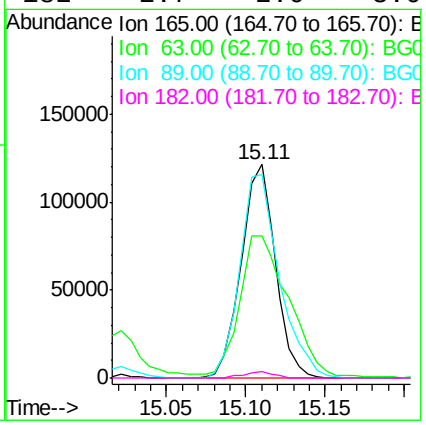


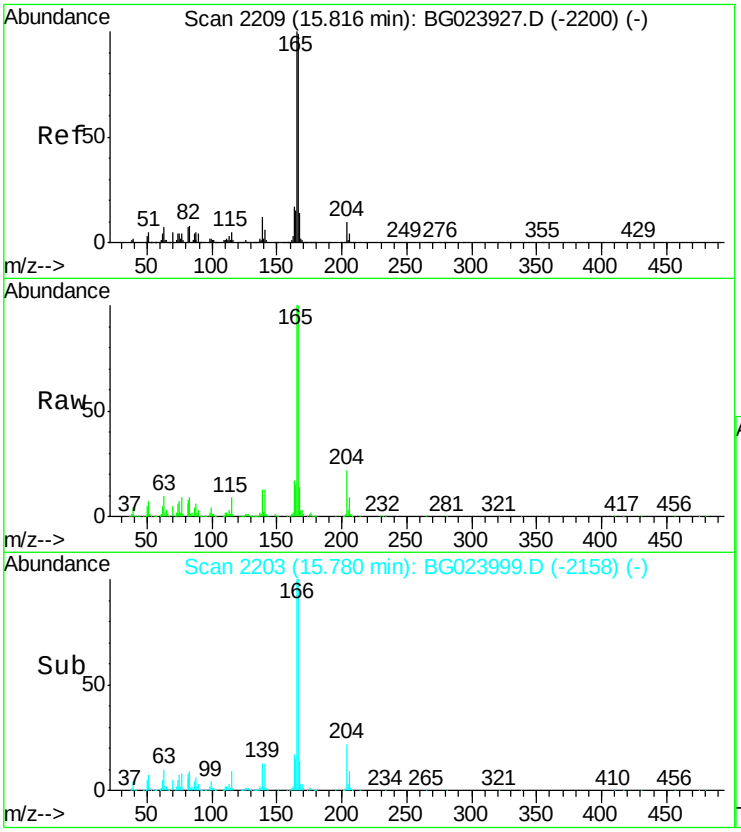




#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:165 Resp: 181233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.3 | 45.8 | 68.6 |
| 89 | 95.0 | 68.6 | 102.8 |
| 182 | 2.7 | 2.0 | 3.0 |



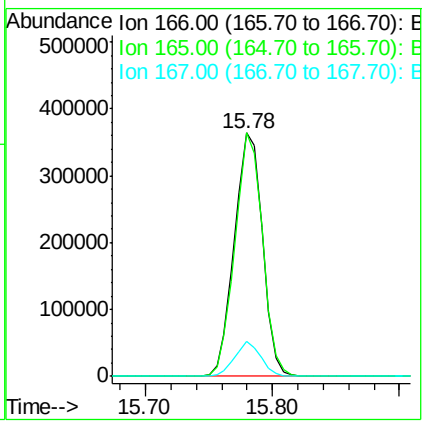


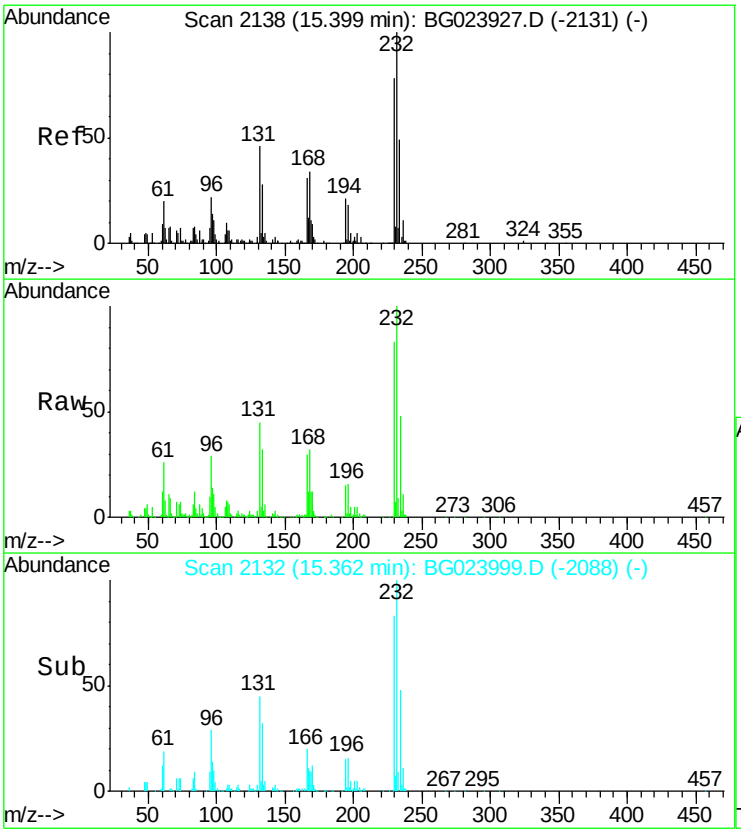

#57
Fluorene
Concen: 39.68 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:166 Resp: 557212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 81.0 | 121.6 |
| 167 | 14.3 | 12.0 | 18.0 |

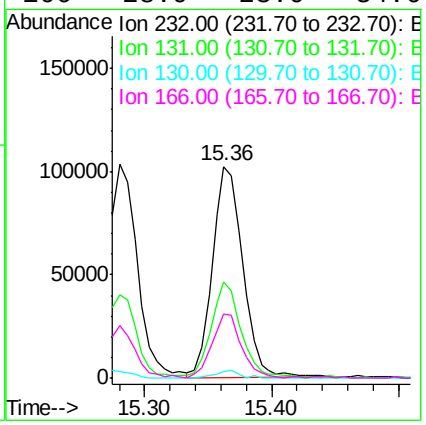


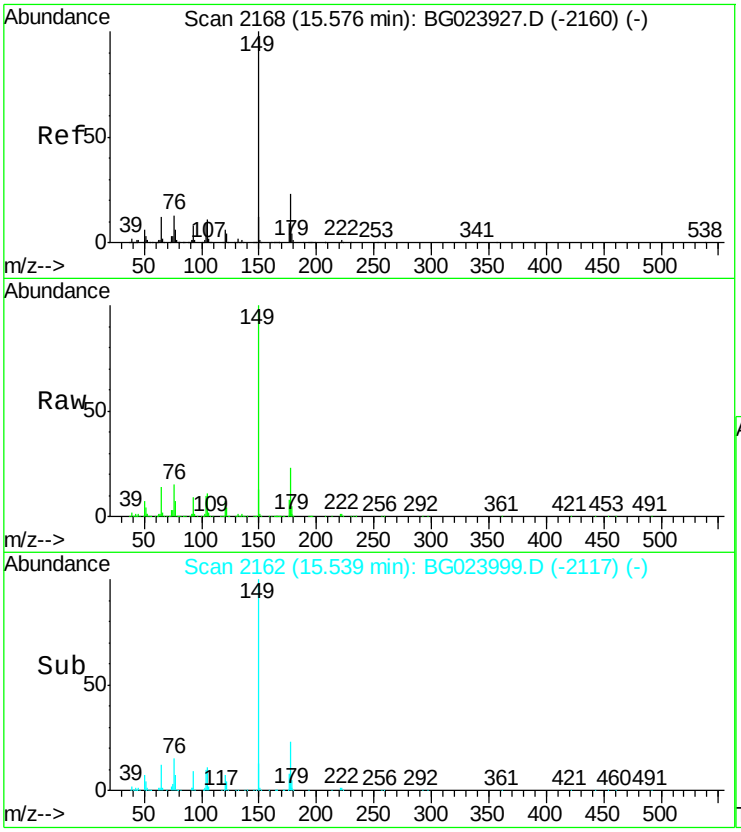




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.68 ng
RT: 15.36 min Scan# 2132
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:232 Resp: 169262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.9 | 32.7 | 49.1 |
| 130 | 2.7 | 2.6 | 3.8 |
| 166 | 28.9 | 23.0 | 34.6 |



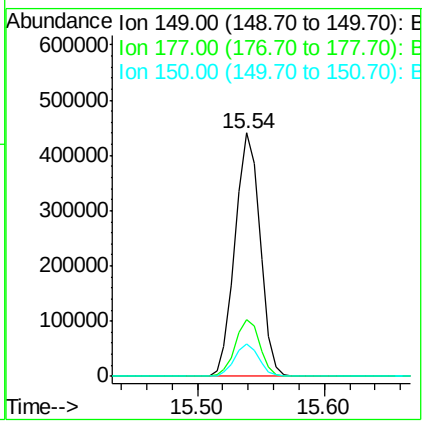


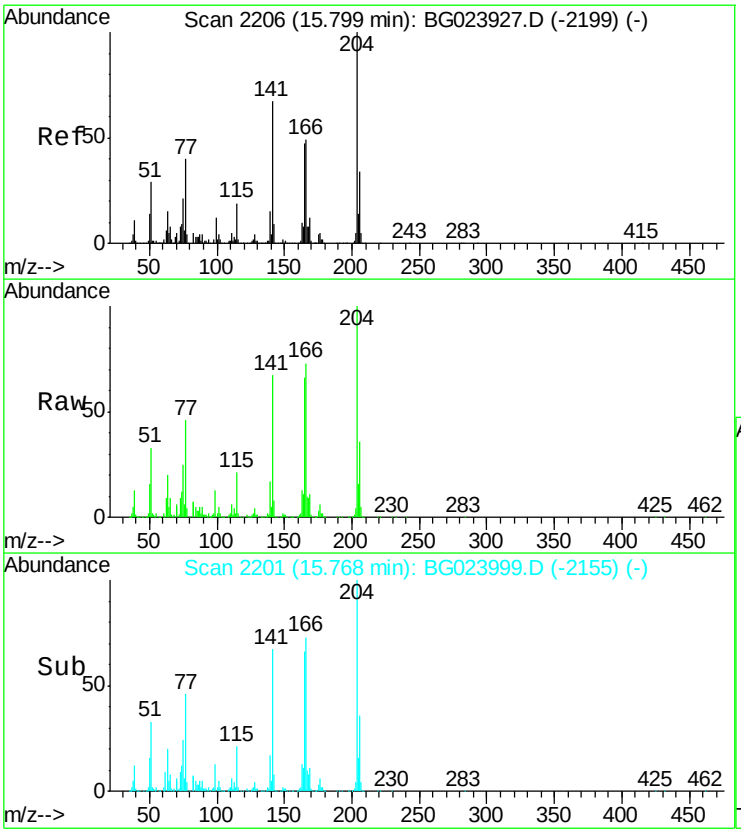

#59
Diethylphthalate
Concen: 38.39 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:149 Resp: 599186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 19.2 | 28.8 |
| 150 | 13.2 | 10.6 | 16.0 |

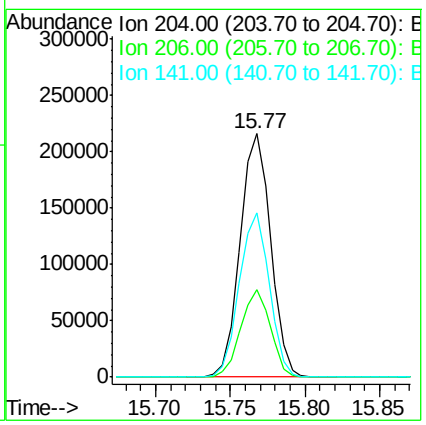


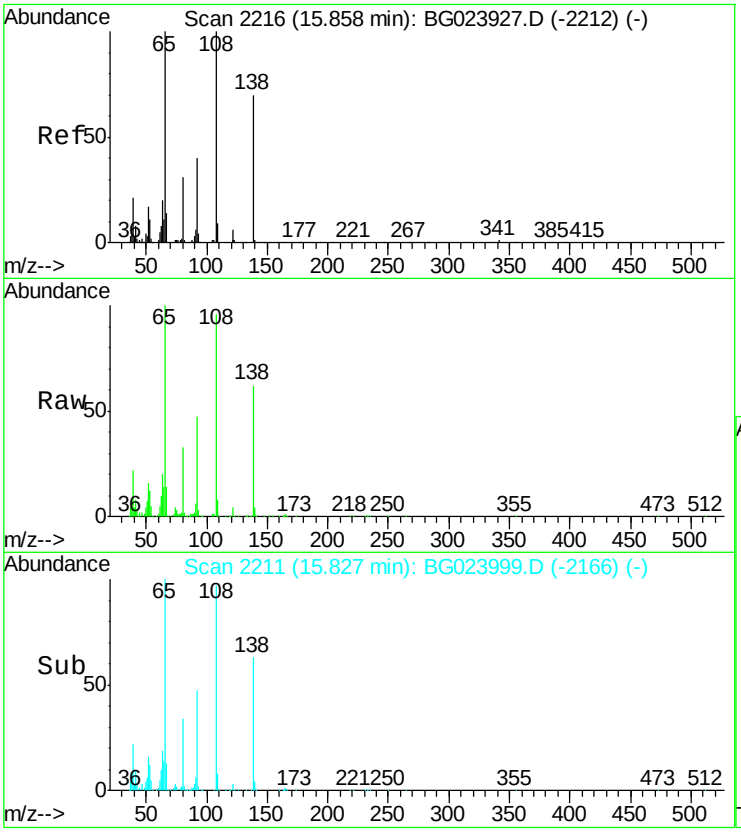




#60
4-Chlorophenyl-phenylether
Concen: 40.34 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:204 Resp: 304945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.8 | 28.5 | 42.7 |
| 141 | 67.2 | 51.4 | 77.0 |



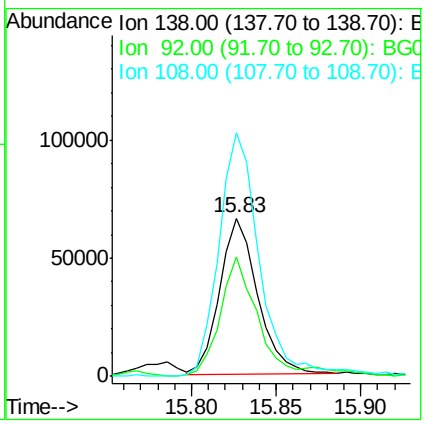


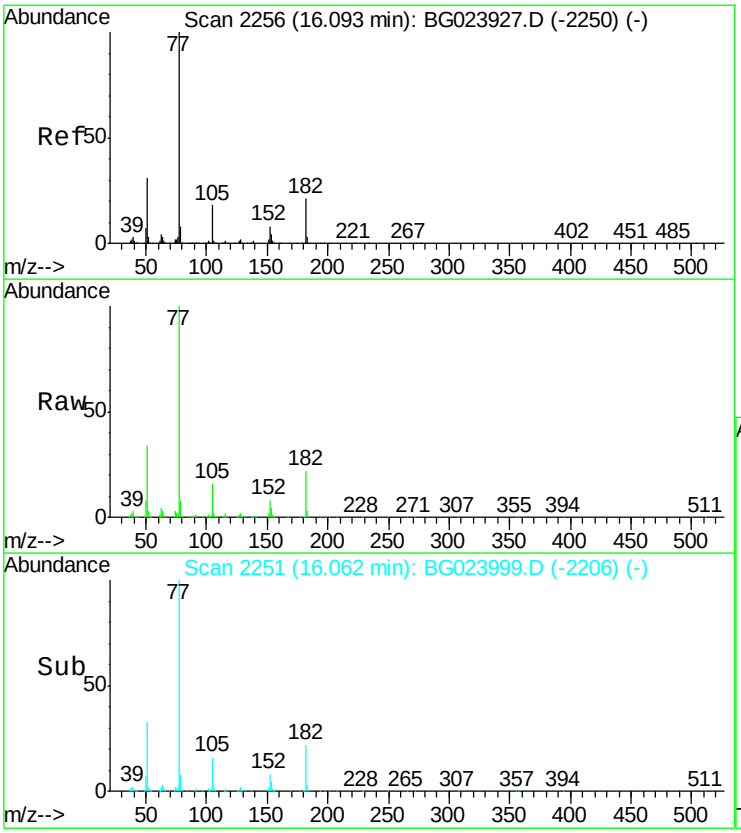

#61
4-Nitroaniline
Concen: 35.66 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:138 Resp: 104065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 75.2 | 54.1 | 94.1 |
| 108 | 154.0 | 133.9 | 173.9 |

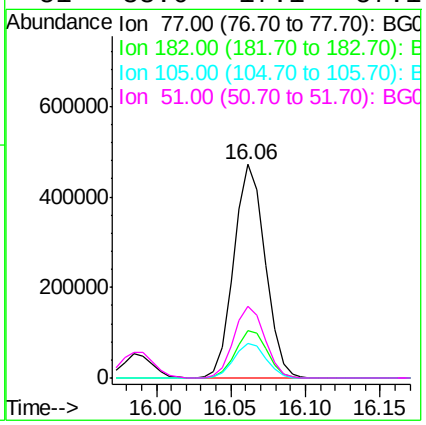


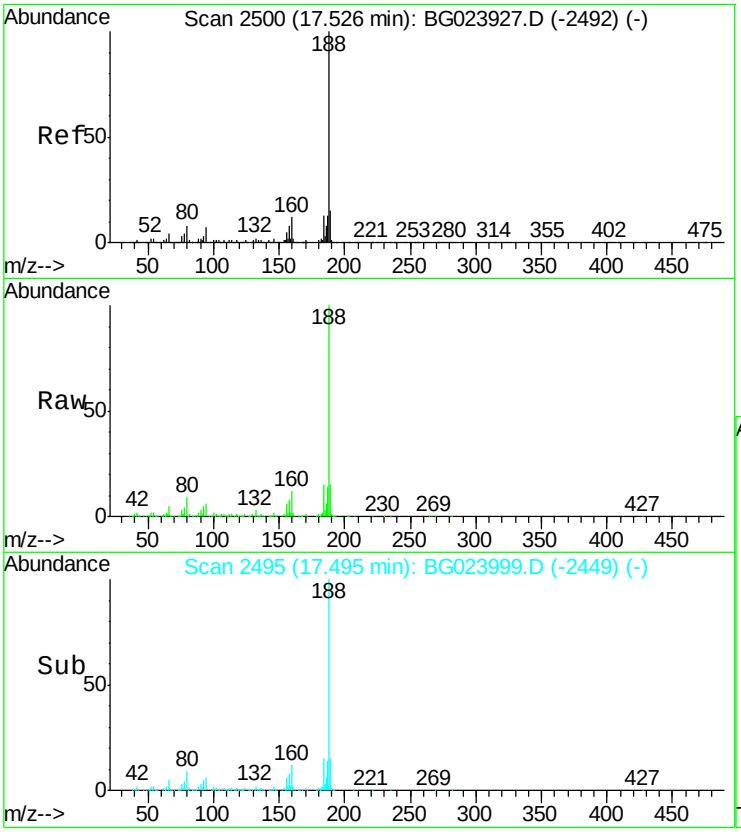




#62
Azobenzene
Concen: 45.54 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion: 77 Resp: 688336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 21.9 | 3.5 | 43.5 |
| 105 | 16.2 | 0.0 | 38.5 |
| 51 | 33.6 | 17.1 | 57.1 |



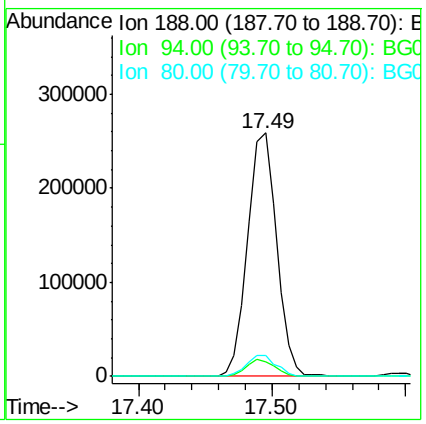


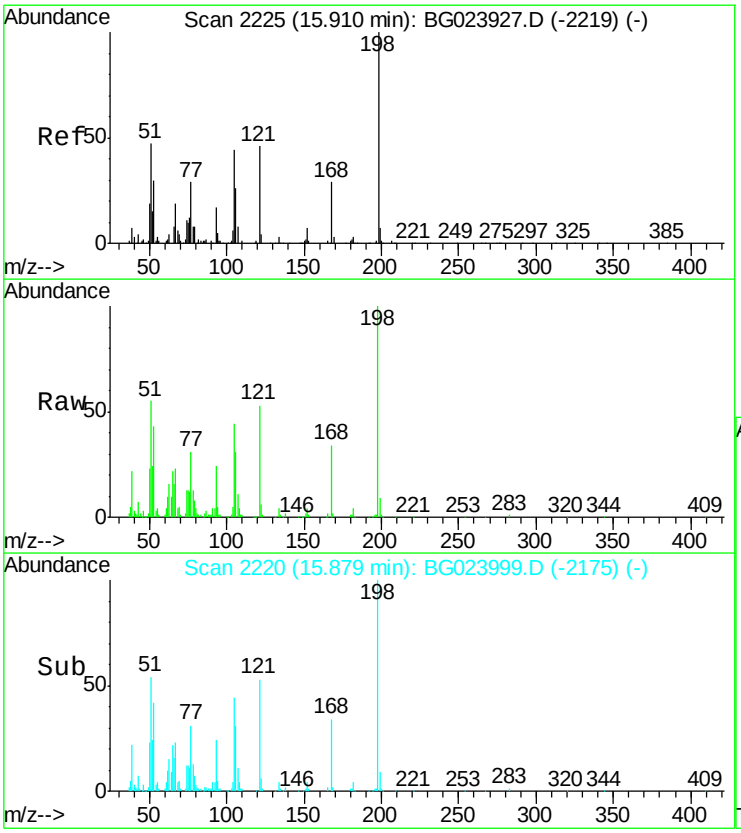

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:188 Resp: 387640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 5.2 | 7.8 |
| 80 | 8.7 | 7.2 | 10.8 |

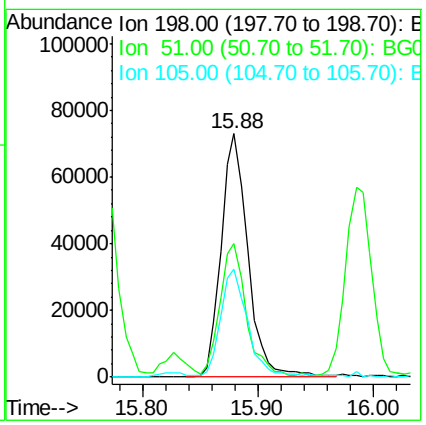


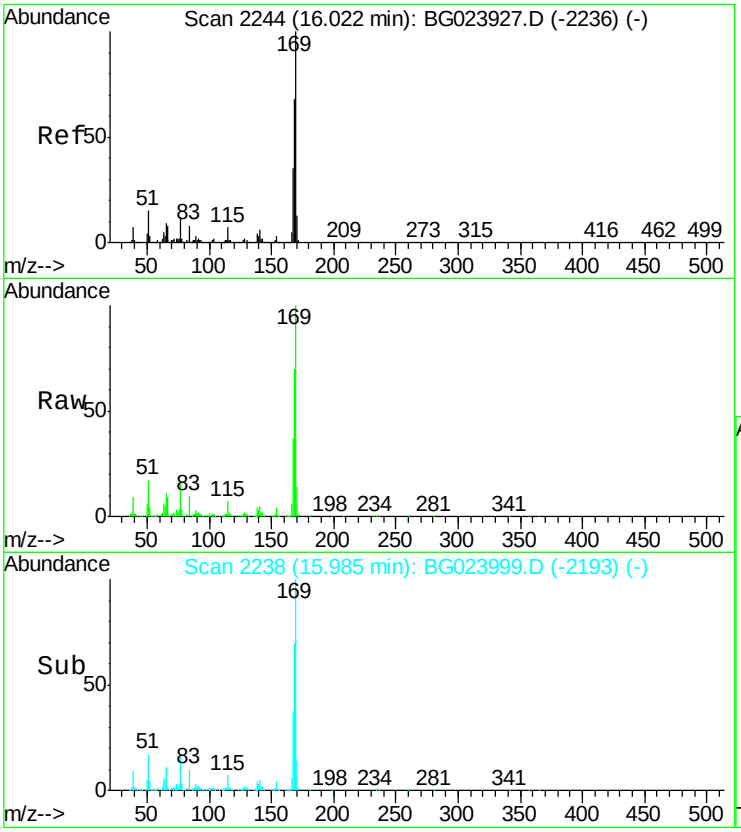




#64
4,6-Dinitro-2-methylphenol
Concen: 43.57 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:198 Resp: 117267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.8 | 26.0 | 66.0 |
| 105 | 44.2 | 20.1 | 60.1 |



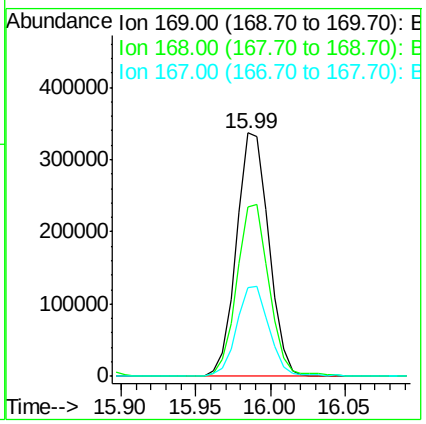


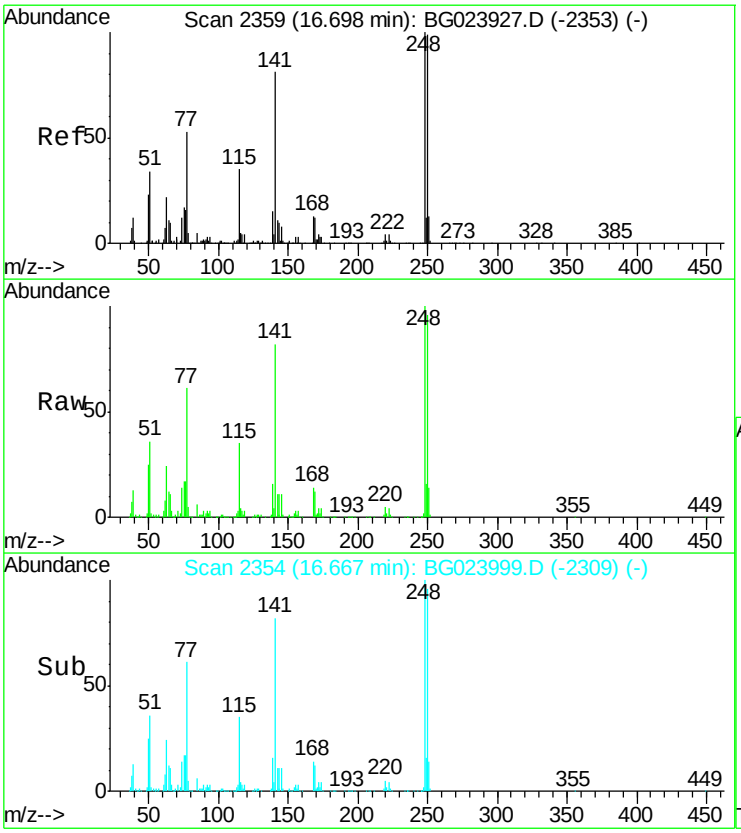

#65
n-Nitrosodiphenylamine
Concen: 45.96 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:169 Resp: 506028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.6 | 55.0 | 82.4 |
| 167 | 36.7 | 27.4 | 41.0 |

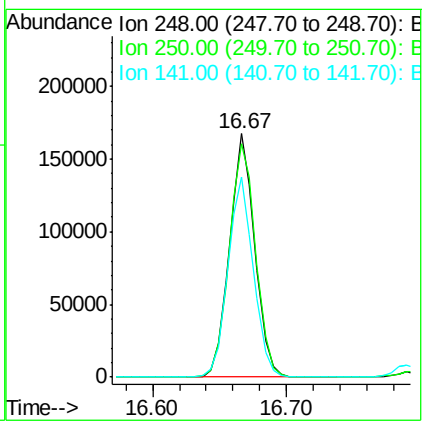


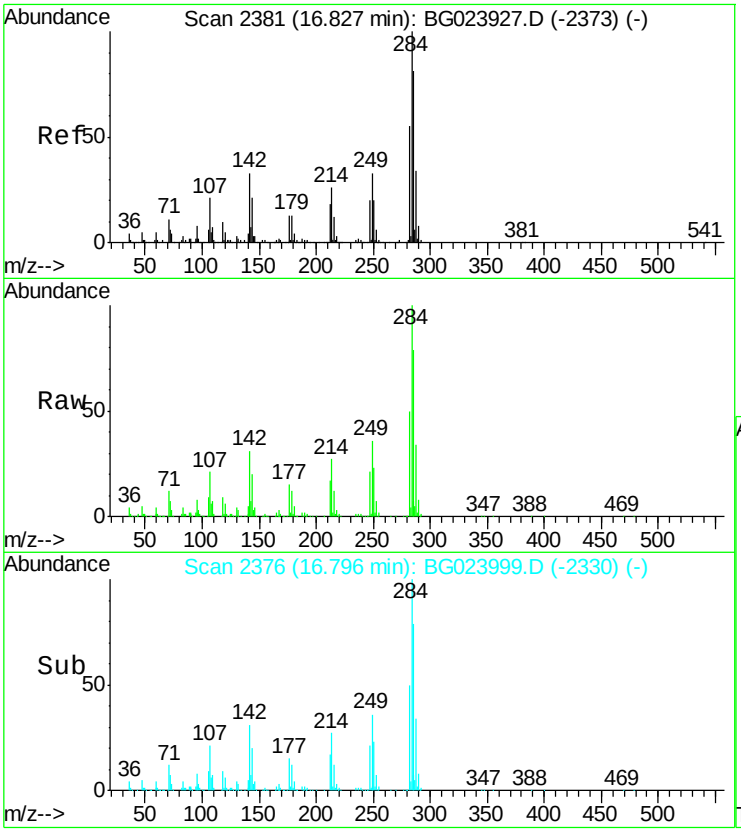




#66
4-Bromophenyl-phenylether
Concen: 46.82 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:248 Resp: 220821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.8 | 116.8 |
| 141 | 82.1 | 65.7 | 98.5 |



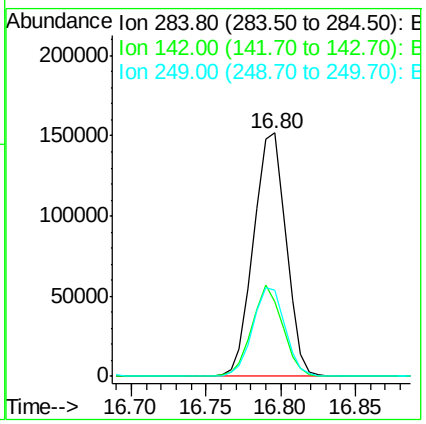


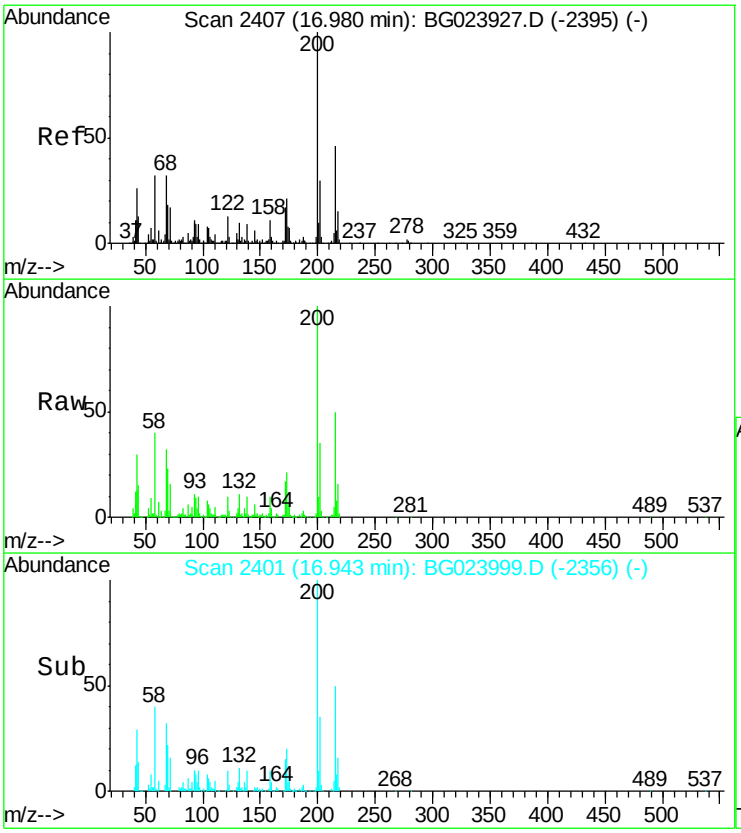

#67
Hexachlorobenzene
Concen: 41.19 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:284 Resp: 227827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.7 | 26.8 | 40.2 |
| 249 | 35.6 | 28.9 | 43.3 |

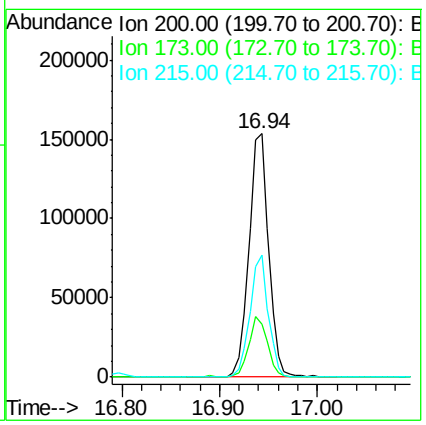


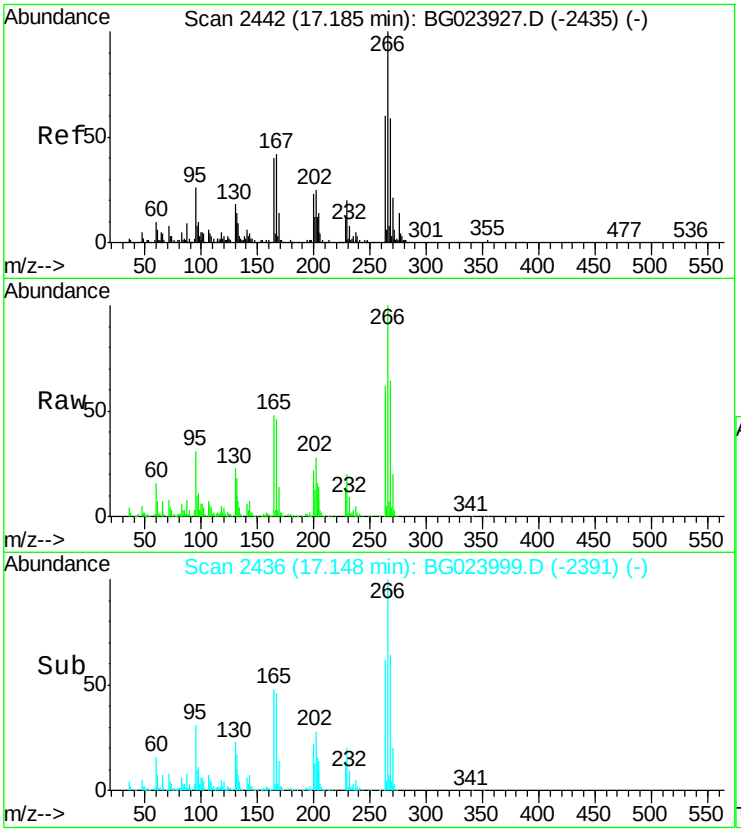




#68
Atrazine
Concen: 45.32 ng
RT: 16.94 min Scan# 2401
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:200 Resp: 214707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.5 | 1.6 | 41.6 |
| 215 | 49.9 | 28.7 | 68.7 |



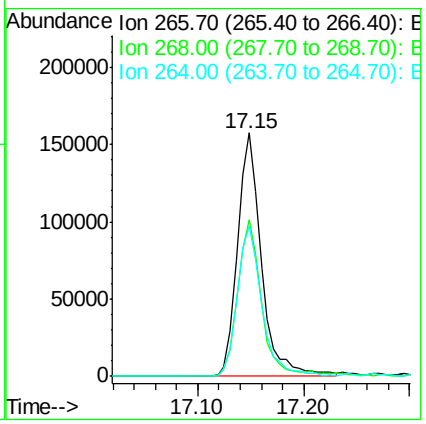


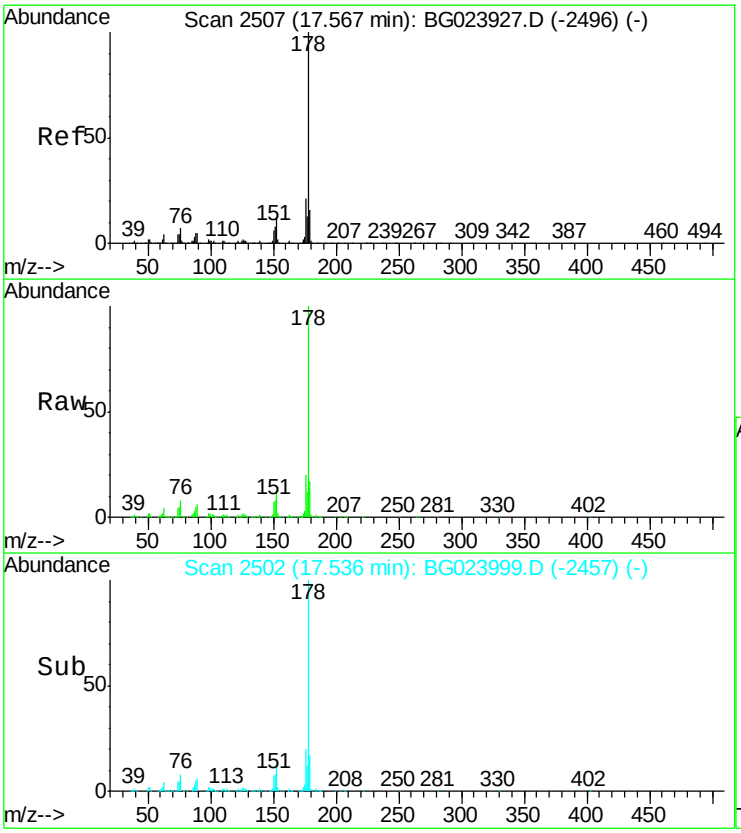

#69
Pentachlorophenol
Concen: 83.35 ng
RT: 17.15 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:266 Resp: 244863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 51.9 | 77.9 |
| 264 | 61.5 | 50.6 | 75.8 |

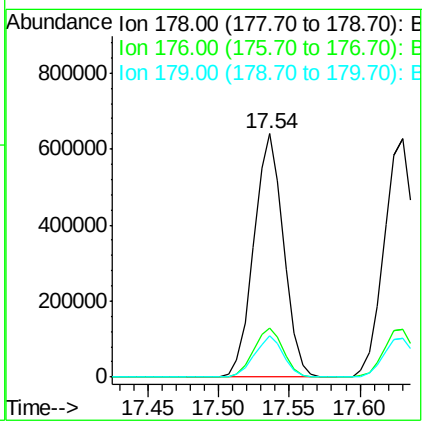


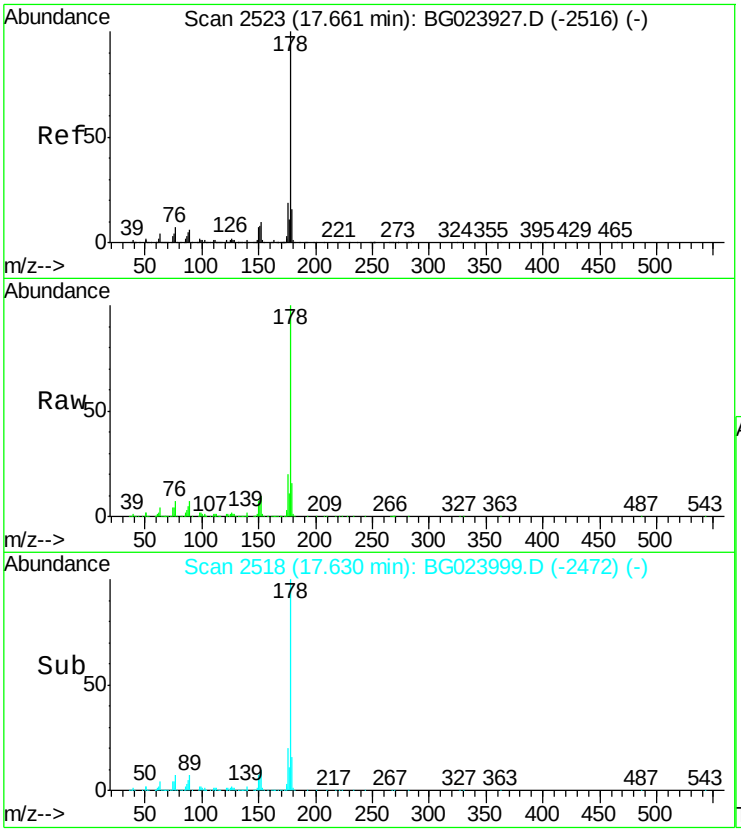




#70
Phenanthrene
Concen: 47.04 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:178 Resp: 948588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.8 | 25.2 |
| 179 | 17.2 | 14.3 | 21.5 |



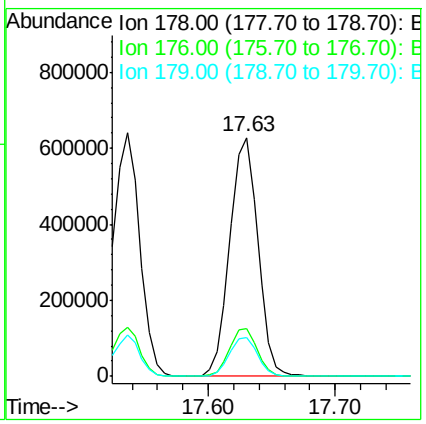


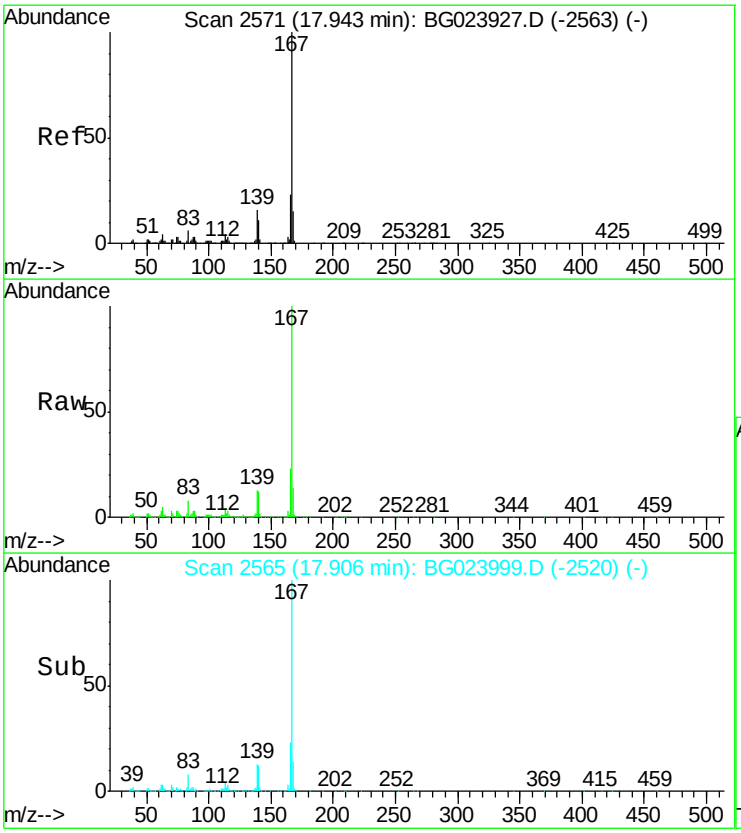

#71
Anthracene
Concen: 46.63 ng
RT: 17.63 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:178 Resp: 959202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 17.3 | 25.9 |
| 179 | 16.4 | 14.0 | 21.0 |

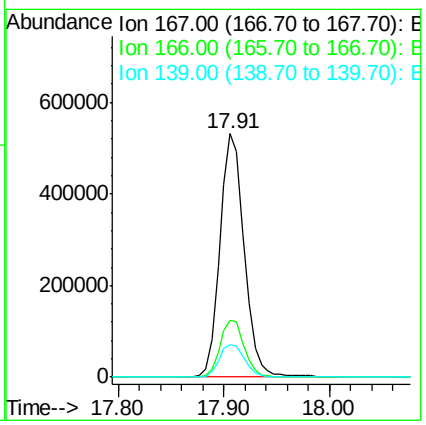


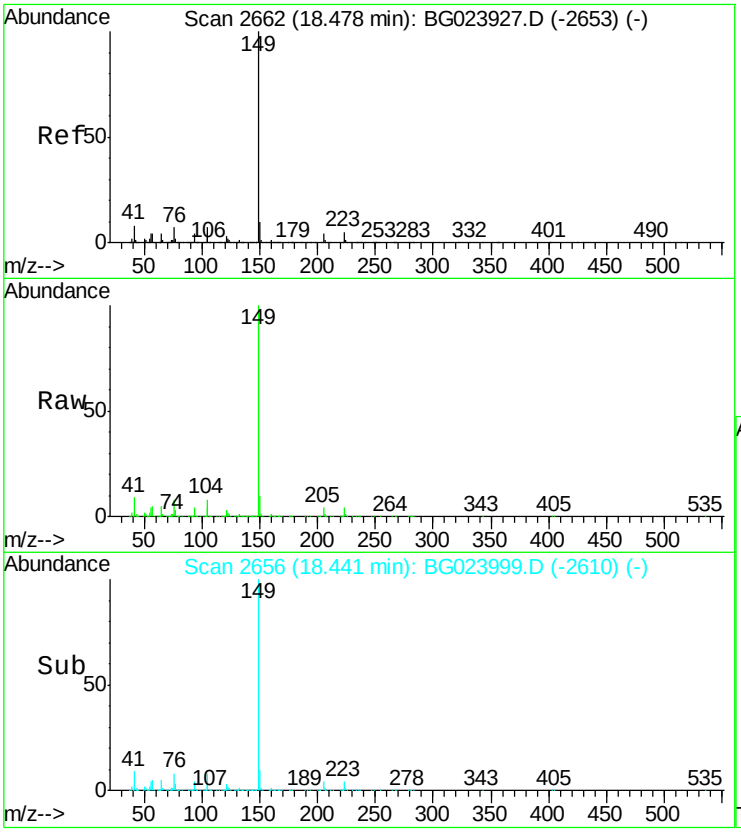




#72
Carbazole
Concen: 45.35 ng
RT: 17.91 min Scan# 2565
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:167 Resp: 846423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.4 | 20.7 | 31.1 |
| 139 | 13.1 | 11.9 | 17.9 |



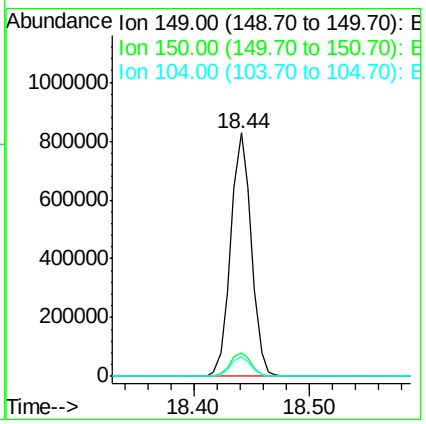


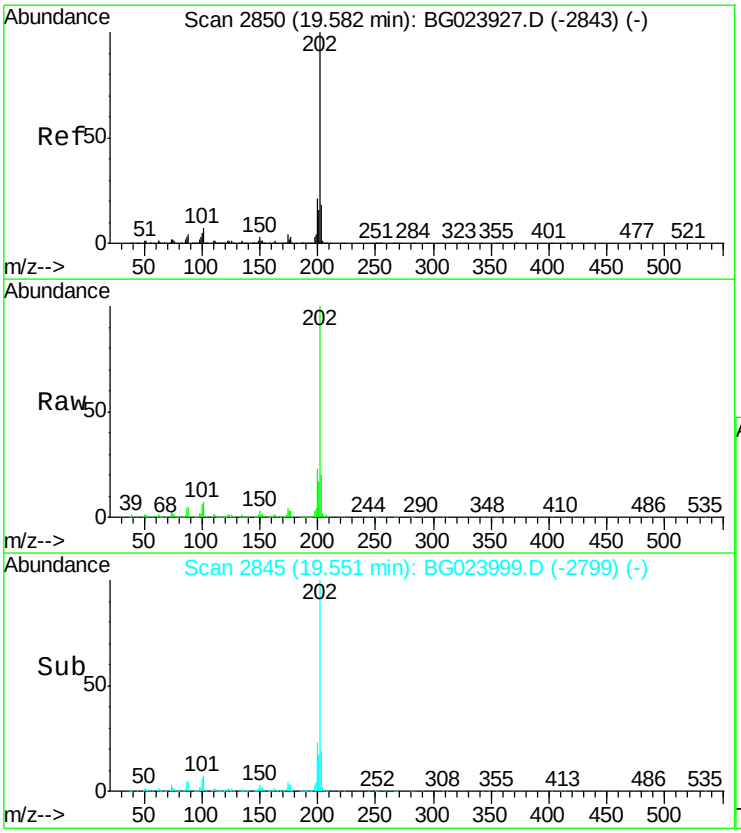

#73
Di-n-butylphthalate
Concen: 45.79 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:149 Resp: 1019662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 9.1 | 13.7 |
| 104 | 8.1 | 6.9 | 10.3 |

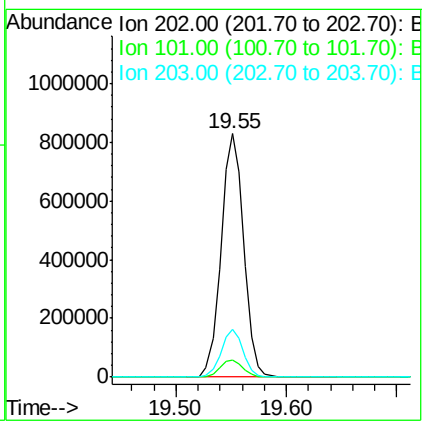


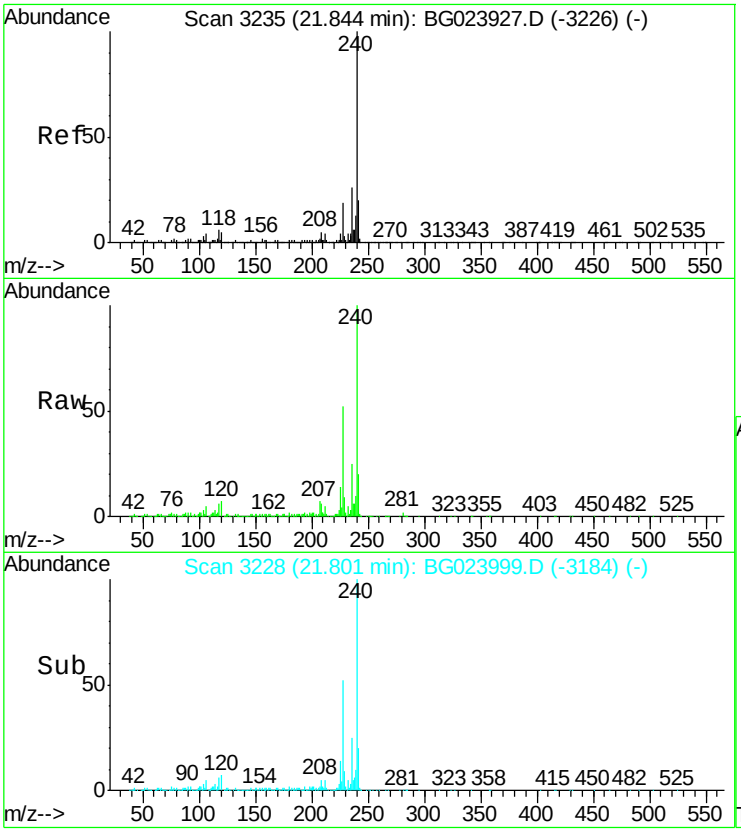




#74
Fluoranthene
Concen: 48.50 ng
RT: 19.55 min Scan# 2845
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:202 Resp: 1177542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.0 | 0.0 | 27.4 |
| 203 | 19.5 | 1.7 | 41.7 |



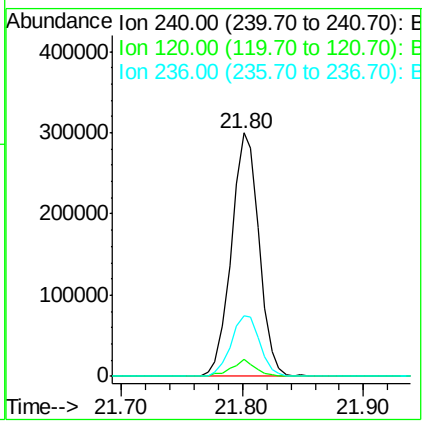


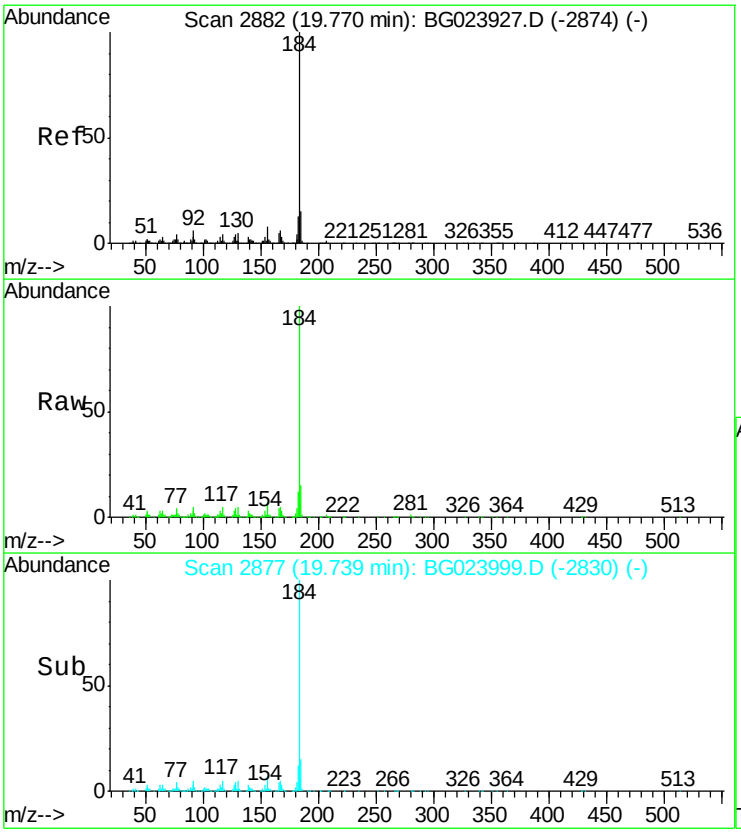

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:240 Resp: 478032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.8 | 4.1 | 6.1# |
| 236 | 25.0 | 21.1 | 31.7 |

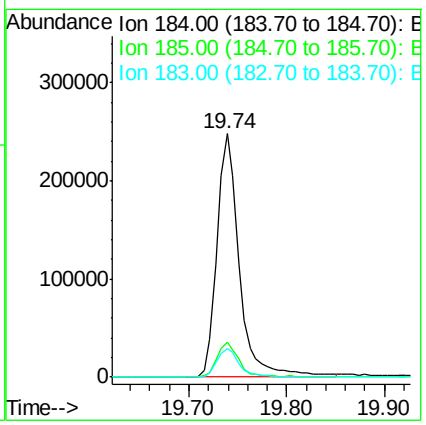


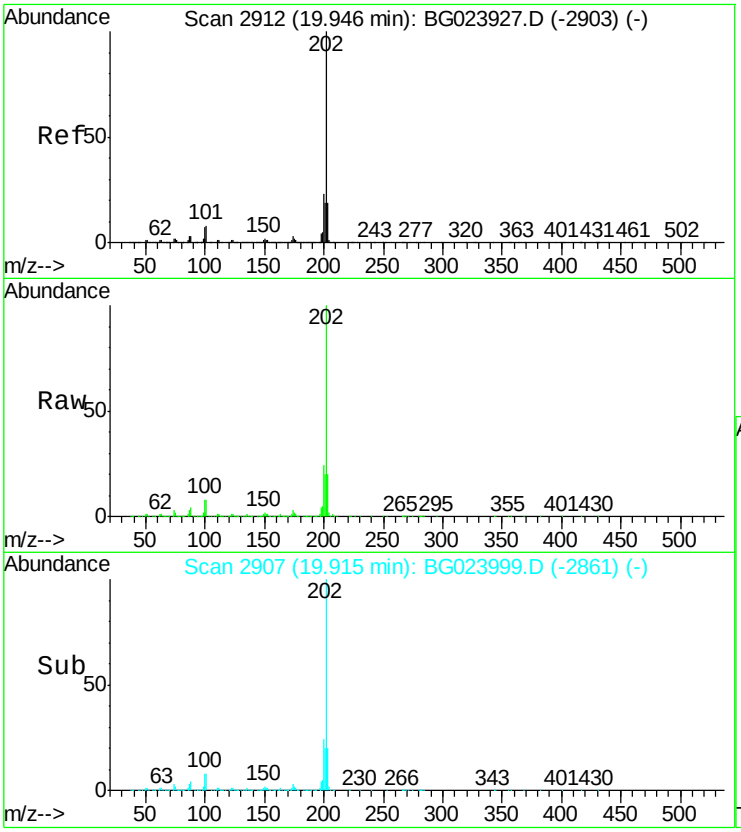




#76
Benzidine
Concen: 26.69 ng
RT: 19.74 min Scan# 2877
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:184 Resp: 395037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 12.6 | 19.0 |
| 183 | 11.9 | 10.7 | 16.1 |



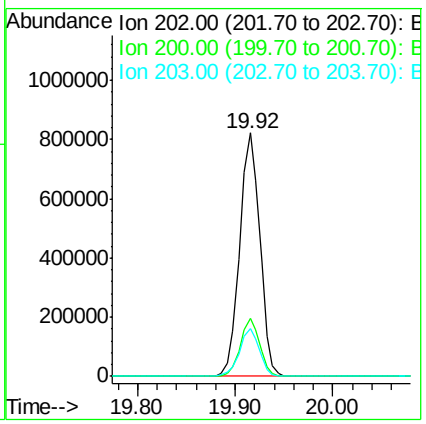


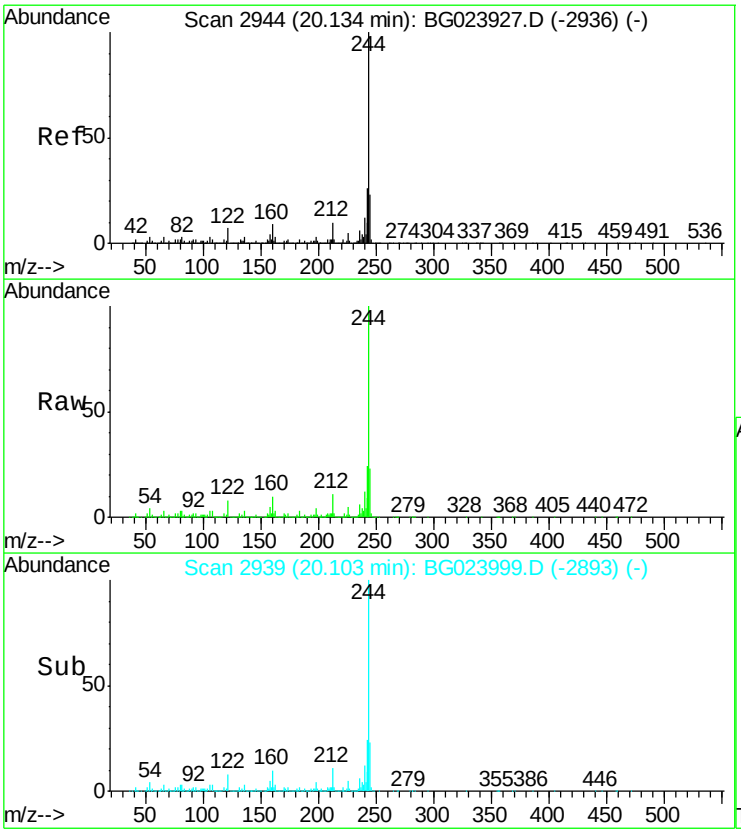

#77
Pyrene
Concen: 40.38 ng
RT: 19.92 min Scan# 2907
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:202 Resp: 1187109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.7 | 21.2 | 31.8 |
| 203 | 19.8 | 16.8 | 25.2 |

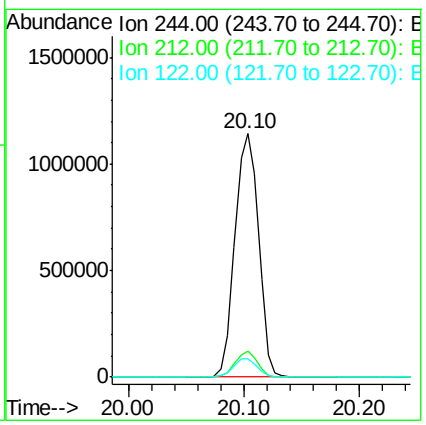


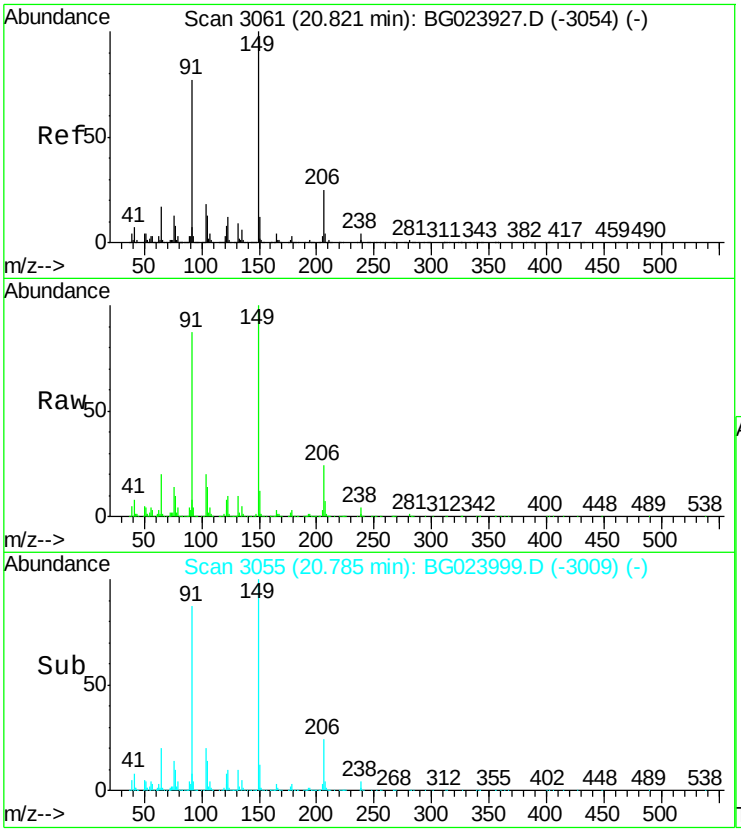




#78
Terphenyl-d14
Concen: 77.02 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:244 Resp: 1616692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.6 | 10.8 | 16.2# |
| 122 | 7.7 | 8.0 | 12.0# |



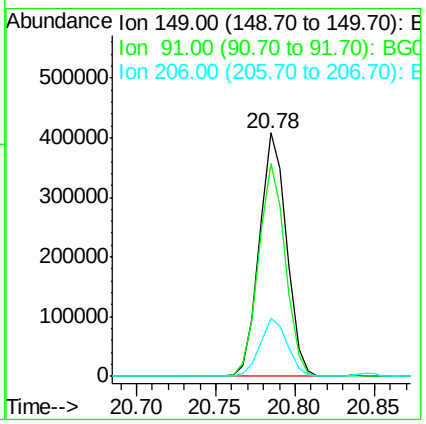


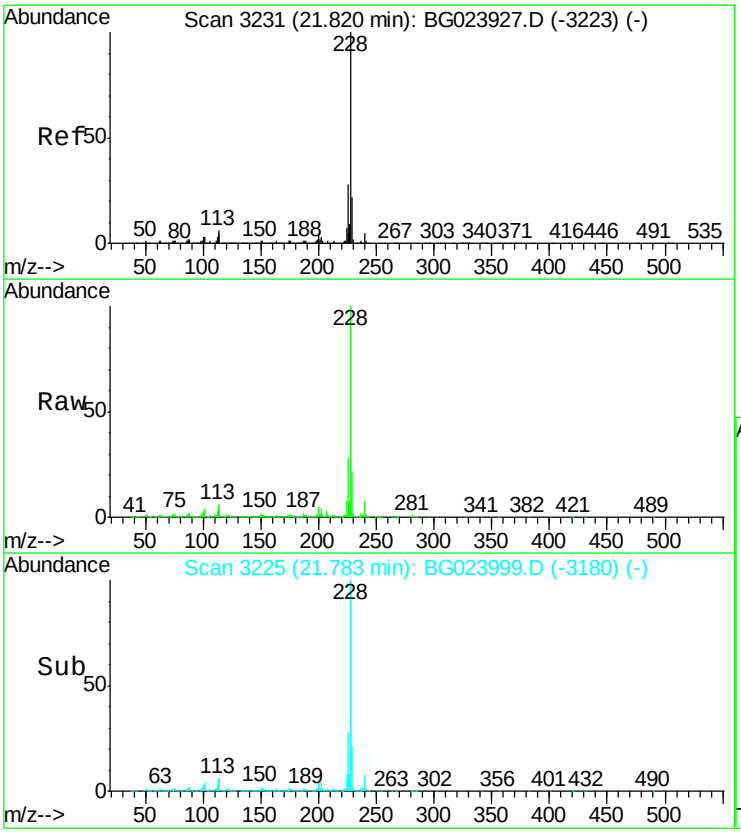

#79
Butylbenzylphthalate
Concen: 43.19 ng
RT: 20.78 min Scan# 3055
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:149 Resp: 489523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 87.3 | 68.1 | 102.1 |
| 206 | 24.1 | 19.8 | 29.6 |

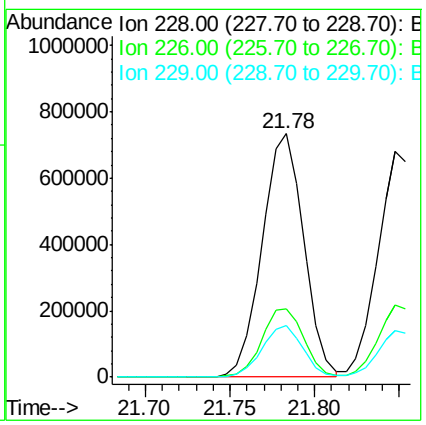


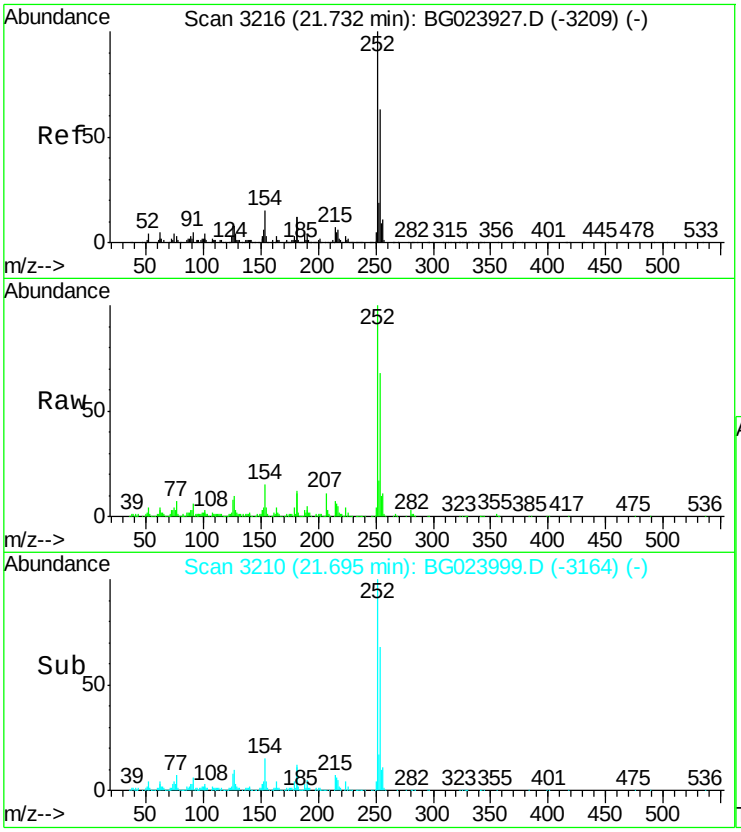




#80
Benzo(a)anthracene
Concen: 46.38 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:228 Resp: 1241121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 25.3 | 37.9 |
| 229 | 21.0 | 19.9 | 29.9 |



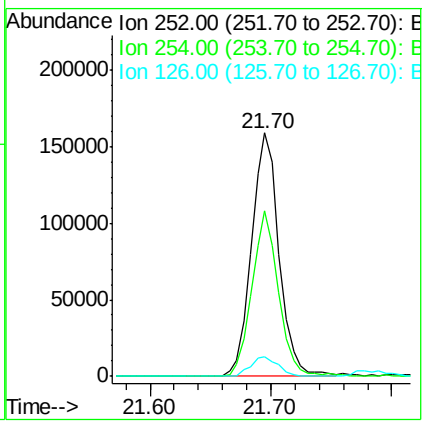


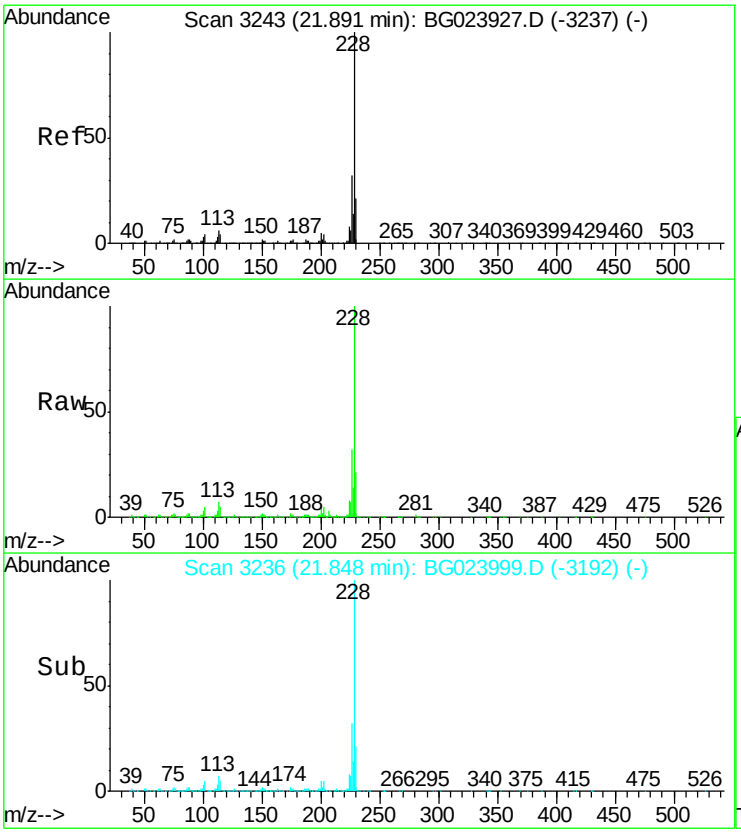

#81
3,3'-Dichlorobenzidine
Concen: 23.46 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.03 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:252 Resp: 250898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.7 | 51.2 | 76.8 |
| 126 | 7.8 | 5.3 | 7.9 |

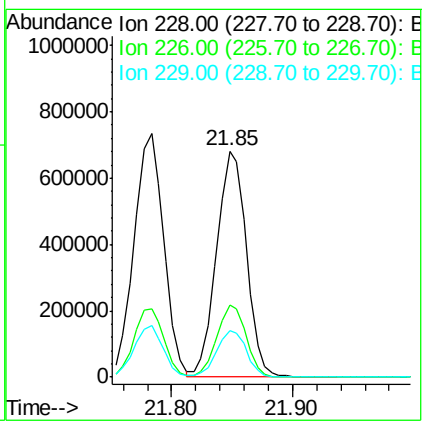


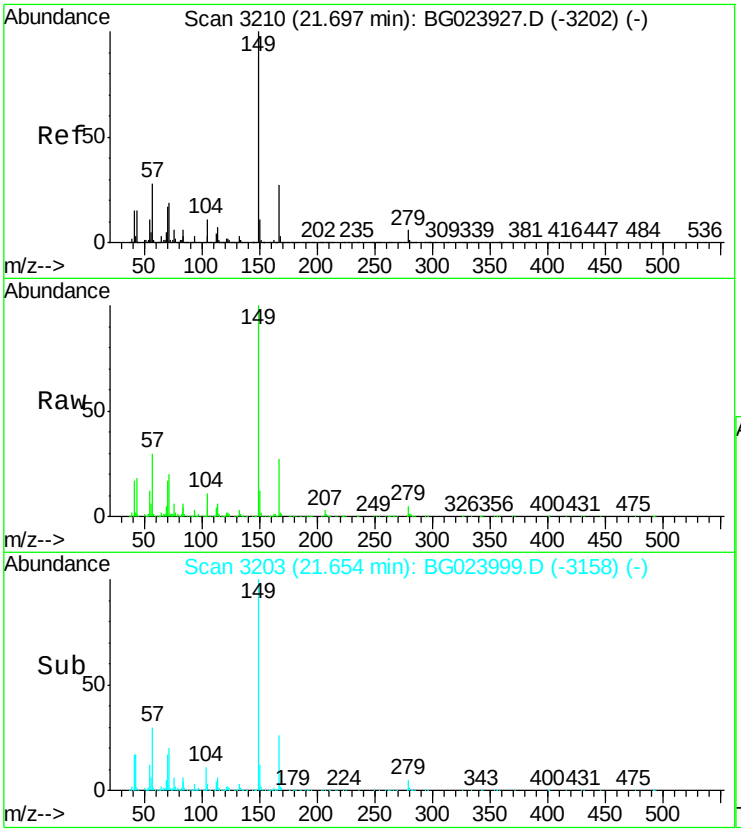




#82
Chrysene
Concen: 45.72 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:228 Resp: 1164682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 26.7 | 40.1 |
| 229 | 20.7 | 17.4 | 26.2 |



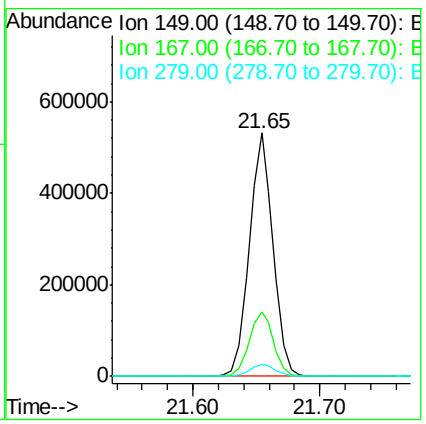


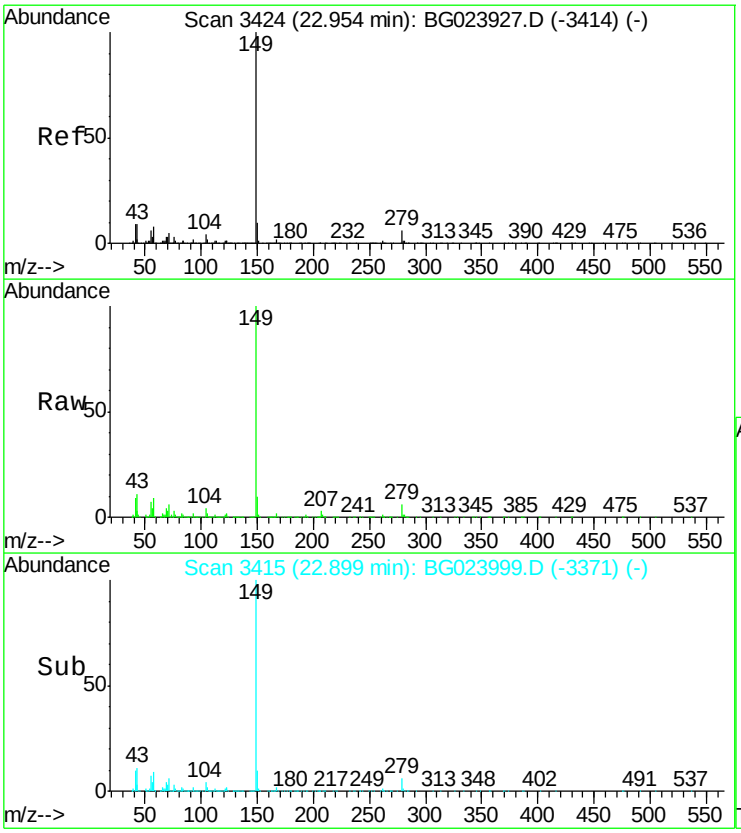

#83
Bis(2-ethylhexyl)phthalate
Concen: 44.47 ng
RT: 21.65 min Scan# 3203
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:149 Resp: 690107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 24.0 | 36.0 |
| 279 | 4.8 | 4.8 | 7.2# |

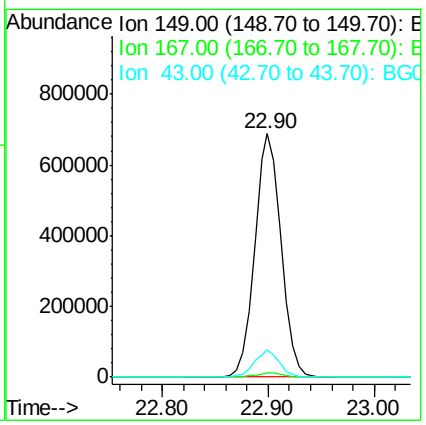


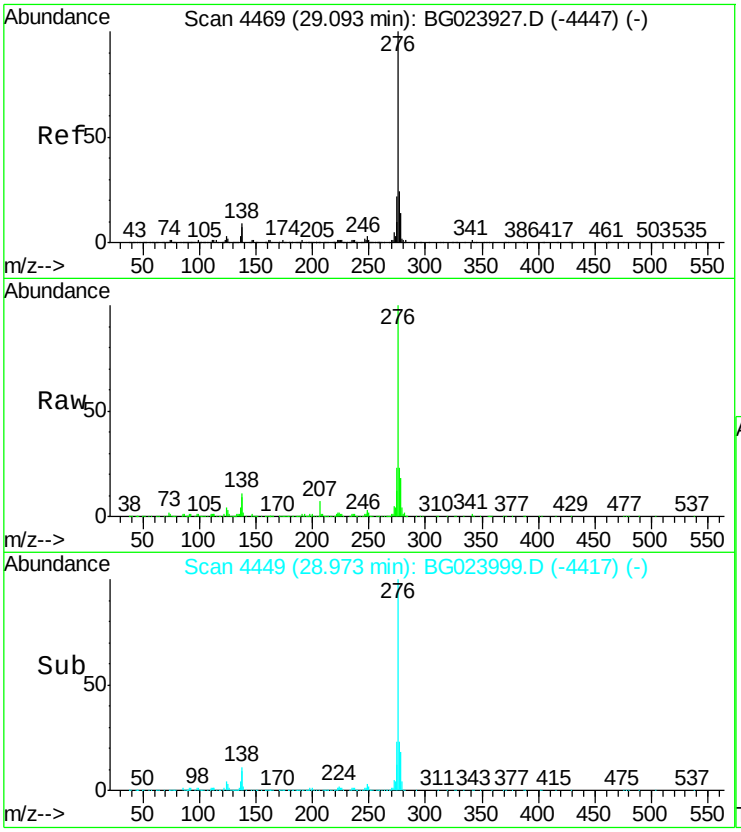




#84
Di-n-octyl phthalate
Concen: 46.57 ng
RT: 22.90 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:149 Resp: 1185100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.5 | 2.3 |
| 43 | 10.8 | 8.8 | 13.2 |



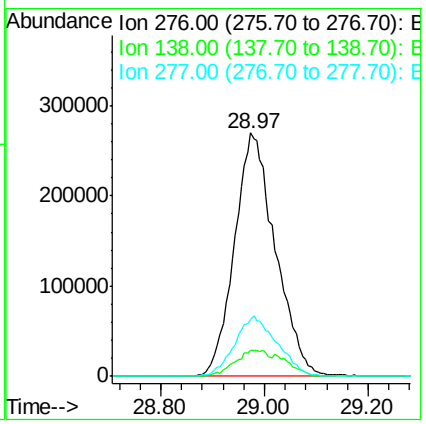


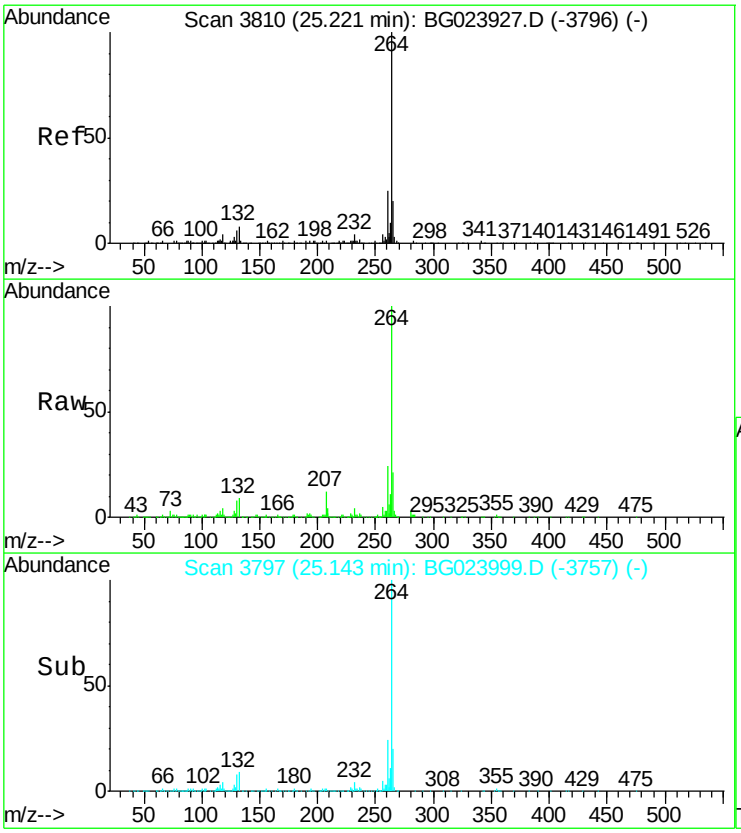

#85
Indeno(1,2,3-cd)pyrene
Concen: 52.43 ng
RT: 28.97 min Scan# 4449
Delta R.T. -0.11 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:276 Resp: 1478487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.0 | 0.0 | 0.0# |
| 277 | 25.6 | 0.0 | 0.0# |

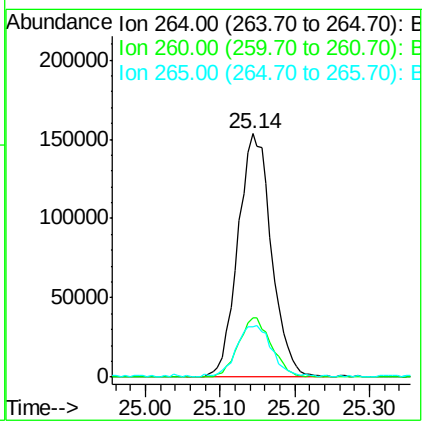


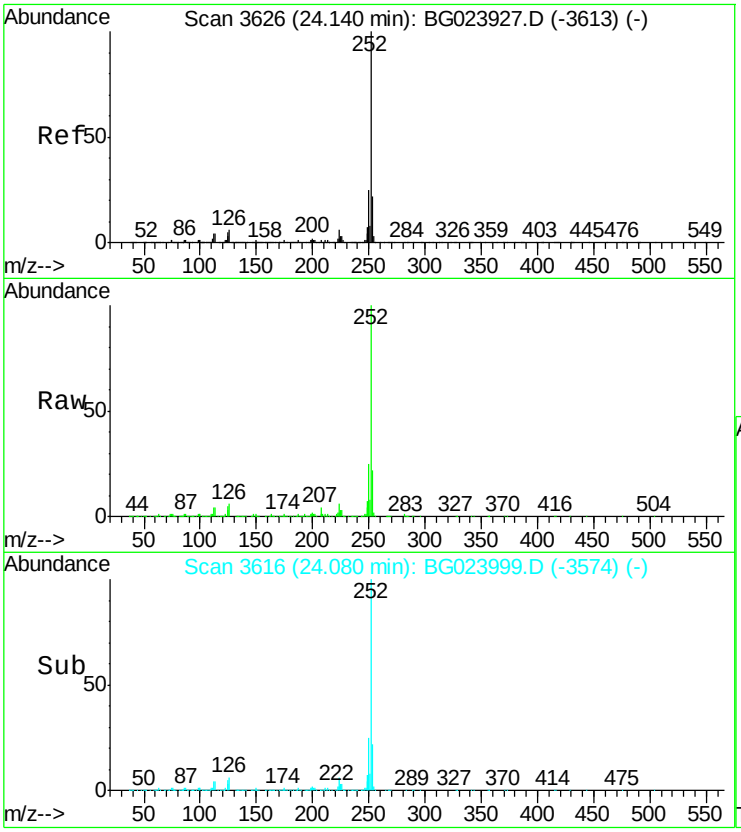




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.07 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:264 Resp: 478775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 18.4 | 27.6 |
| 265 | 20.7 | 18.9 | 28.3 |



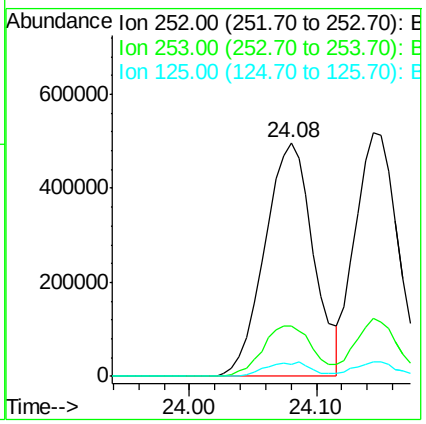


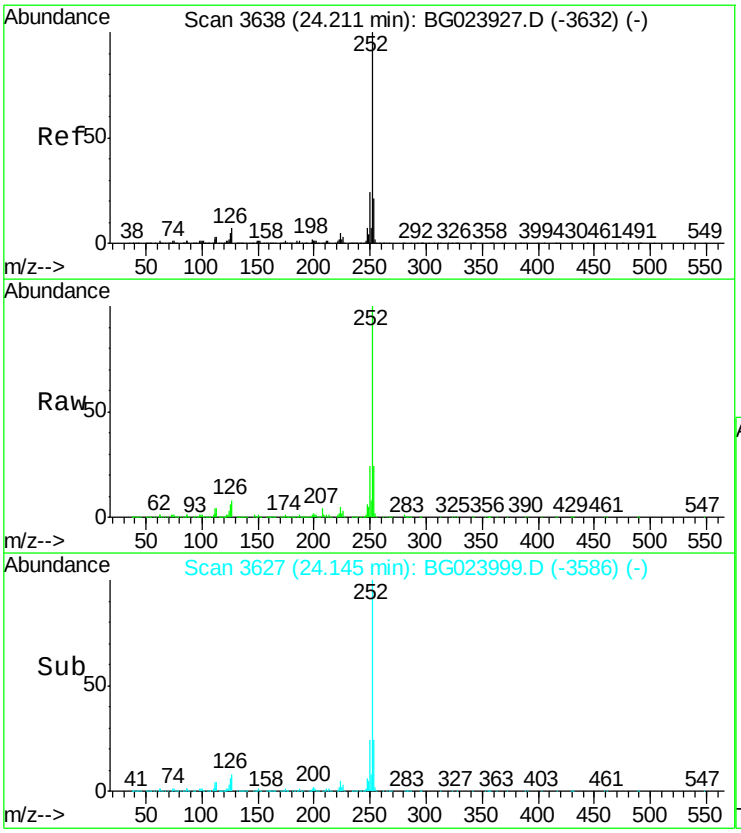

#87
Benzo(b)fluoranthene
Concen: 48.67 ng
RT: 24.08 min Scan# 3616
Delta R.T. -0.05 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:252 Resp: 1323617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.9 | 28.3 |
| 125 | 4.9 | 3.9 | 5.9 |

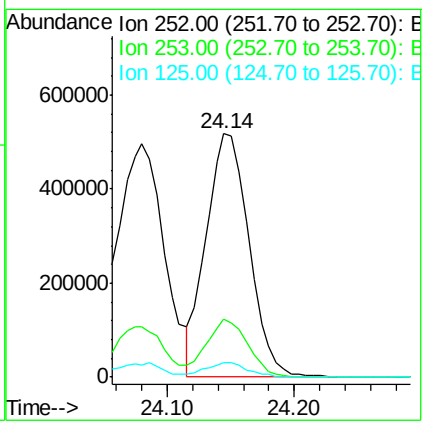


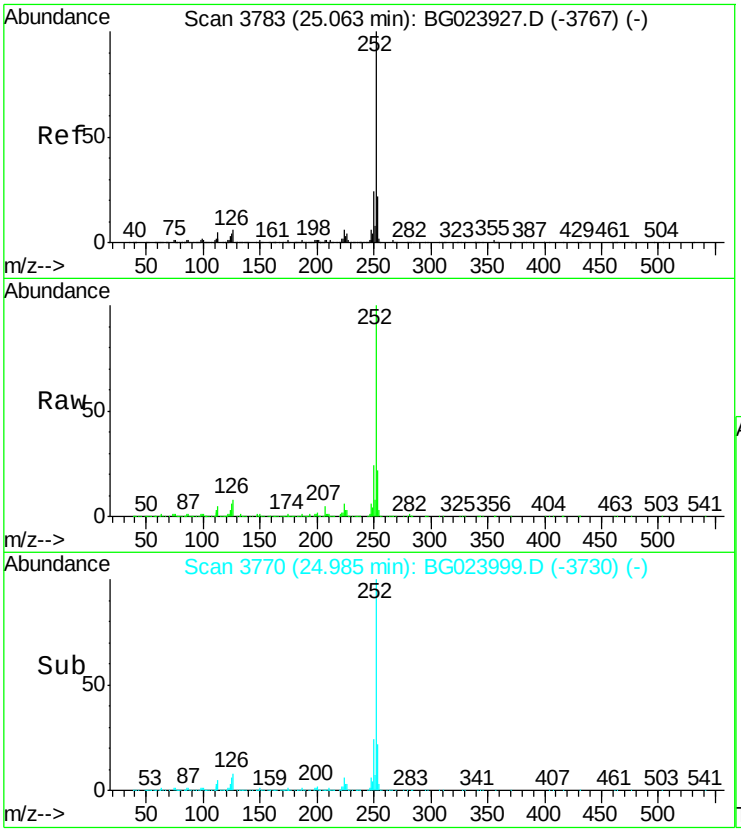




#88
Benzo(k)fluoranthene
Concen: 44.91 ng
RT: 24.14 min Scan# 3627
Delta R.T. -0.06 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:252 Resp: 1211084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 18.8 | 28.2 |
| 125 | 5.8 | 3.2 | 4.8# |



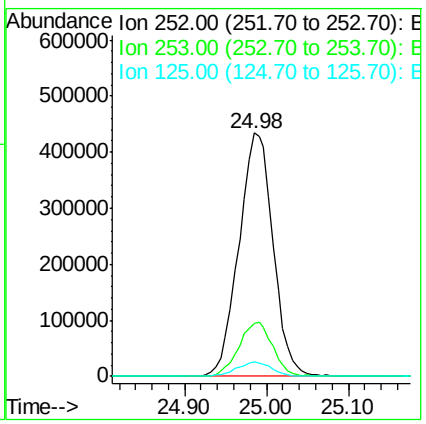


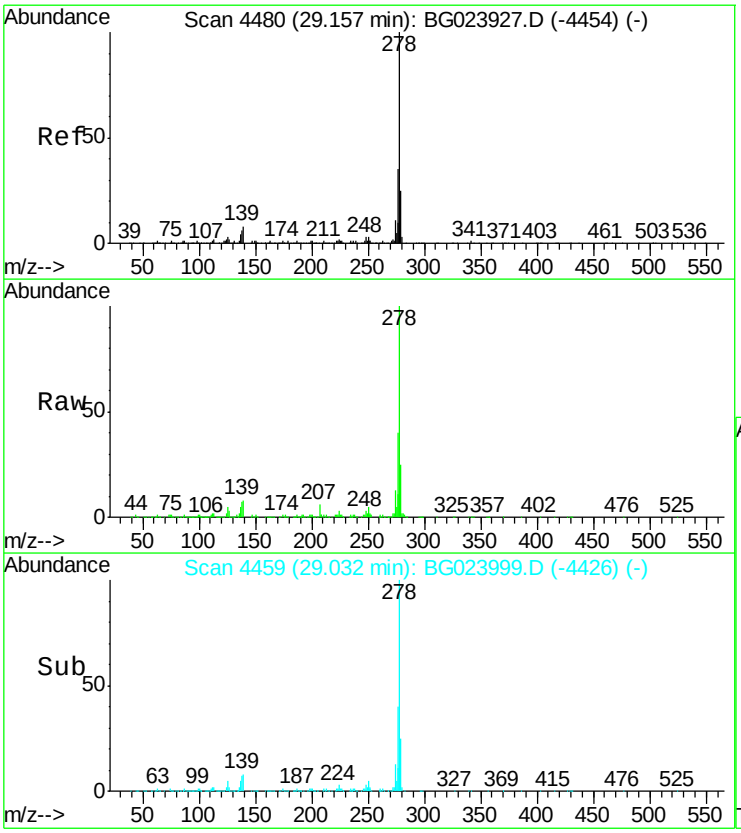

#89
Benzo(a)pyrene
Concen: 48.68 ng
RT: 24.98 min Scan# 3770
Delta R.T. -0.07 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:252 Resp: 1257243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.7 | 28.1 |
| 125 | 6.1 | 3.9 | 5.9# |

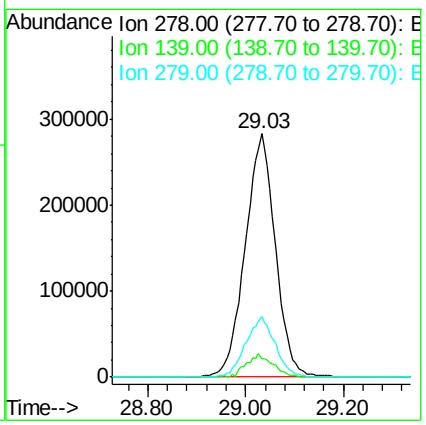


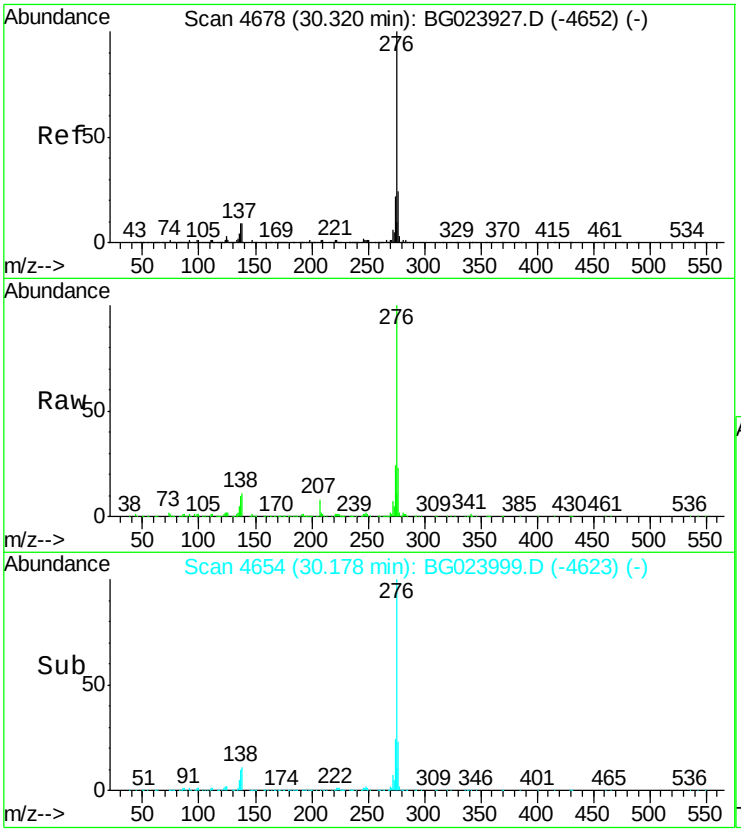




#90
Dibenzo(a,h)anthracene
Concen: 48.03 ng
RT: 29.03 min Scan# 4459
Delta R.T. -0.11 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

Tgt Ion:278 Resp: 1220018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.8 | 4.7 | 7.1# |
| 279 | 24.6 | 18.3 | 27.5 |






#91
Benzo(g,h,i)perylene
Concen: 50.57 ng
RT: 30.18 min Scan# 4654
Delta R.T. -0.12 min
Lab File: BG023999.D
Acq: 16 Sep 2016 18:42

**Instrument :**
BNA_G
**ClientSampleId :**
PB93393BS

Tgt Ion:276 Resp: 1235266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.9 | 18.6 | 27.8 |
| 138 | 11.3 | 6.8 | 10.2# |