Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022481.D
Acq On : 22 Jun 2016 00:54
Operator : UM/SJ
Sample : H3600-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PM-STA-1363(0-4)MSD

Quant Time: Jun 22 13:51:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.98 | 152 | 21611 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.80 | 136 | 117798 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.63 | 164 | 72401 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.38 | 188 | 160178 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.64 | 240 | 133089 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.84 | 264 | 117839 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 182667 | 163.43 | ng | | 0.00 |
| 7) Phenol-d6 | 7.17 | 99 | 260475 | 148.22 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 156466 | 92.60 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.13 | 330 | 87215 | 106.61 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.25 | 172 | 420885 | 88.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.98 | 244 | 554946 | 98.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 18763 | 35.01 | ng | # | 69 |
| 3) Pyridine | 3.76 | 79 | 52209 | 36.05 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.67 | 42 | 14758 | 45.57 | ng | # | 98 |
| 6) Aniline | 7.31 | 93 | 65249m | 29.22 | ng | | |
| 8) 2-Chlorophenol | 7.55 | 128 | 75159 | 48.65 | ng | # | 81 |
| 10) Phenol | 7.20 | 94 | 85787 | 47.35 | ng | | 79 |
| 11) bis(2-Chloroethyl)ether | 7.40 | 93 | 69689 | 48.24 | ng | # | 71 |
| 12) 1,3-Dichlorobenzene | 7.87 | 146 | 64929 | 39.21 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 8.02 | 146 | 68158 | 41.31 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.33 | 146 | 68740 | 41.33 | ng | | 95 |
| 15) Benzyl Alcohol | 8.24 | 79 | 53347 | 46.98 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52 | 45 | 69204 | 46.17 | ng | | 80 |
| 17) 2-Methylphenol | 8.45 | 107 | 65864 | 48.71 | ng | # | 83 |
| 18) Hexachloroethane | 9.06 | 117 | 25788 | 42.80 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 8.79 | 70 | 54864 | 46.12 | ng | # | 67 |
| 20) 3+4-Methylphenols | 8.79 | 107 | 89190 | 45.99 | ng | | 97 |
| 22) Acetophenone | 8.82 | 105 | 108947 | 42.92 | ng | # | 81 |
| 24) Nitrobenzene | 9.20 | 77 | 77642 | 45.70 | ng | # | 83 |
| 25) Isophorone | 9.72 | 82 | 170743 | 43.19 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.92 | 139 | 41892 | 45.47 | ng | # | 73 |
| 27) 2,4-Dimethylphenol | 9.99 | 122 | 78820 | 47.26 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93 | 102866 | 45.42 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.47 | 162 | 69434 | 44.94 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 67877 | 39.32 | ng | | 97 |
| 31) Naphthalene | 10.86 | 128 | 261437 | 44.46 | ng | | 97 |
| 32) Benzoic acid | 10.16 | 122 | 25316 | 45.43 | ng | # | 75 |
| 33) 4-Chloroaniline | 10.99 | 127 | 12739 | 5.21 | ng | # | 92 |
| 34) Hexachlorobutadiene | 11.13 | 225 | 32676 | 35.26 | ng | | 97 |
| 35) Caprolactam | 11.76 | 113 | 30014m | 35.42 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.12 | 107 | 86360 | 47.16 | ng | # | 87 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 183898 | 42.36 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 73536 | 39.46 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.79 | 237 | 26683 | 31.42 | ng | | 94 |
| 42) 2,4,6-Trichlorophenol | 13.08 | 196 | 54247 | 43.39 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022481.D
Acq On : 22 Jun 2016 00:54
Operator : UM/SJ
Sample : H3600-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PM-STA-1363(0-4)MSD

Quant Time: Jun 22 13:51:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

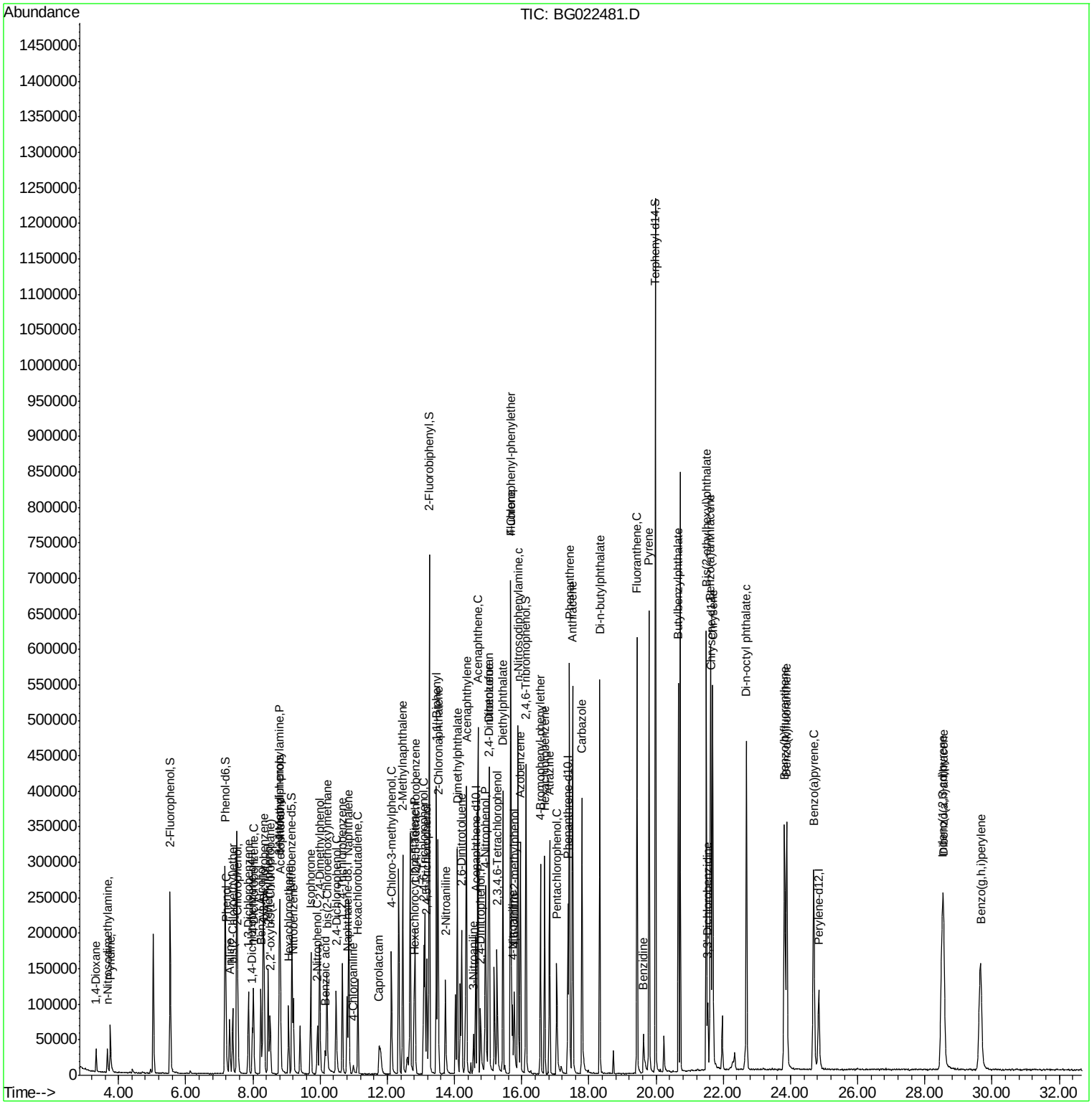
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 13.17 | 196 | 56469 | 40.88 | ng | | 95 |
| 45) 1,1'-Biphenyl | 13.46 | 154 | 244953 | 44.96 | ng | | 95 |
| 46) 2-Chloronaphthalene | 13.51 | 162 | 187447 | 44.88 | ng | | 96 |
| 47) 2-Nitroaniline | 13.73 | 65 | 47472 | 47.67 | ng | # | 59 |
| 48) Acenaphthylene | 14.36 | 152 | 331426 | 45.22 | ng | | 97 |
| 49) Dimethylphthalate | 14.09 | 163 | 260531 | 43.40 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.22 | 165 | 58418 | 44.76 | ng | # | 80 |
| 51) Acenaphthene | 14.70 | 154 | 196096 | 44.66 | ng | | 94 |
| 52) 3-Nitroaniline | 14.56 | 138 | 26442 | 18.27 | ng | | 85 |
| 53) 2,4-Dinitrophenol | 14.77 | 184 | 39878 | 75.54 | ng | # | 74 |
| 54) Dibenzofuran | 15.03 | 168 | 306779 | 44.77 | ng | | 98 |
| 55) 4-Nitrophenol | 14.91 | 139 | 56810 | 56.87 | ng | # | 74 |
| 56) 2,4-Dinitrotoluene | 15.02 | 165 | 81035 | 46.29 | ng | # | 85 |
| 57) Fluorene | 15.68 | 166 | 259193 | 43.91 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.27 | 232 | 44517 | 35.93 | ng | | 89 |
| 59) Diethylphthalate | 15.44 | 149 | 279600 | 43.60 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204 | 111603 | 41.75 | ng | | 95 |
| 61) 4-Nitroaniline | 15.73 | 138 | 52805m | 34.40 | ng | | |
| 62) Azobenzene | 15.96 | 77 | 231851 | 47.74 | ng | | 86 |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198 | 32726 | 41.17 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 15.88 | 169 | 218878 | 47.44 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.56 | 248 | 63771 | 42.49 | ng | | 99 |
| 67) Hexachlorobenzene | 16.68 | 284 | 65977 | 37.72 | ng | | 93 |
| 68) Atrazine | 16.83 | 200 | 67993 | 39.81 | ng | | 97 |
| 69) Pentachlorophenol | 17.04 | 266 | 38177 | 50.84 | ng | | 97 |
| 70) Phenanthrene | 17.42 | 178 | 387465 | 44.54 | ng | | 98 |
| 71) Anthracene | 17.51 | 178 | 384292 | 44.54 | ng | | 97 |
| 72) Carbazole | 17.79 | 167 | 353231 | 43.23 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.32 | 149 | 491968 | 46.05 | ng | # | 98 |
| 74) Fluoranthene | 19.43 | 202 | 415322 | 41.53 | ng | | 94 |
| 76) Benzidine | 19.63 | 184 | 69387 | 19.94 | ng | | 99 |
| 77) Pyrene | 19.79 | 202 | 411630 | 49.75 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.66 | 149 | 212967 | 55.50 | ng | | 93 |
| 80) Benzo(a)anthracene | 21.62 | 228 | 344985 | 46.23 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.54 | 252 | 45160 | 21.55 | ng | # | 95 |
| 82) Chrysene | 21.68 | 228 | 322576 | 44.42 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.50 | 149 | 308224 | 54.62 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 22.69 | 149 | 508131 | 54.23 | ng | # | 85 |
| 85) Indeno(1,2,3-cd)pyrene | 28.52 | 276 | 338103 | 41.50 | ng | # | 77 |
| 87) Benzo(b)fluoranthene | 23.82 | 252 | 315198 | 45.86 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 23.89 | 252 | 315980 | 46.70 | ng | # | 93 |
| 89) Benzo(a)pyrene | 24.69 | 252 | 304605 | 46.35 | ng | # | 91 |
| 90) Dibenzo(a,h)anthracene | 28.56 | 278 | 273858 | 44.25 | ng | # | 89 |
| 91) Benzo(g,h,i)perylene | 29.66 | 276 | 277930 | 43.16 | ng | # | 86 |

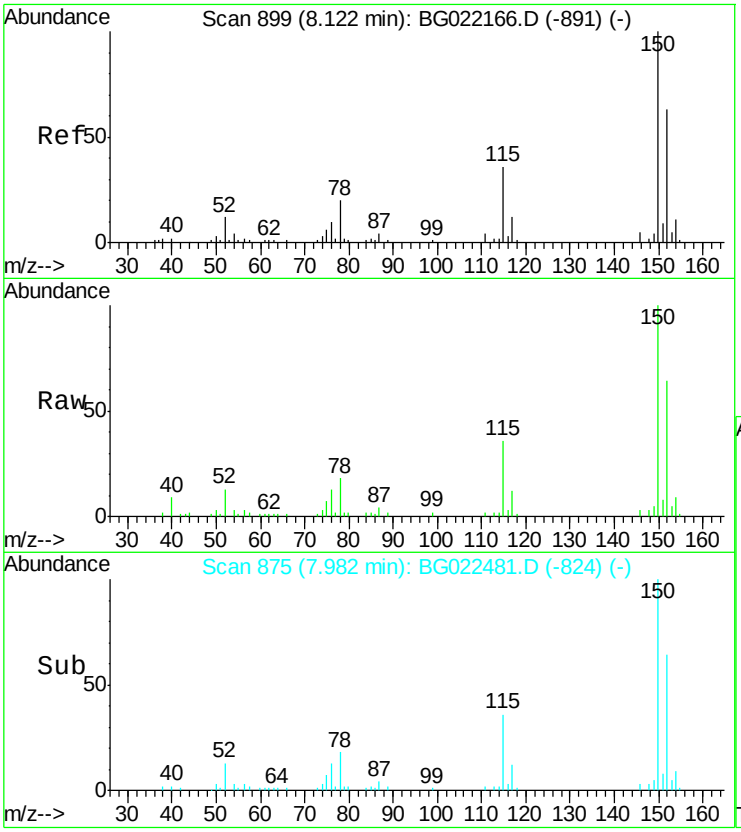
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022481.D
Acq On : 22 Jun 2016 00:54
Operator : UM/SJ
Sample : H3600-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Quant Time: Jun 22 13:51:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration



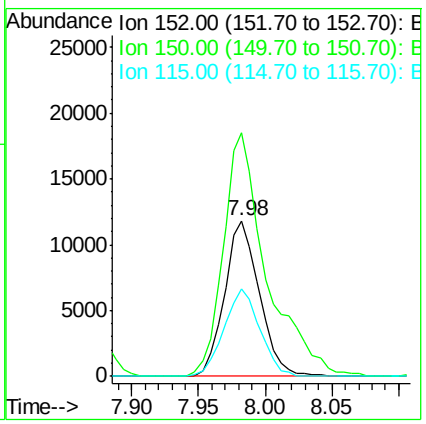


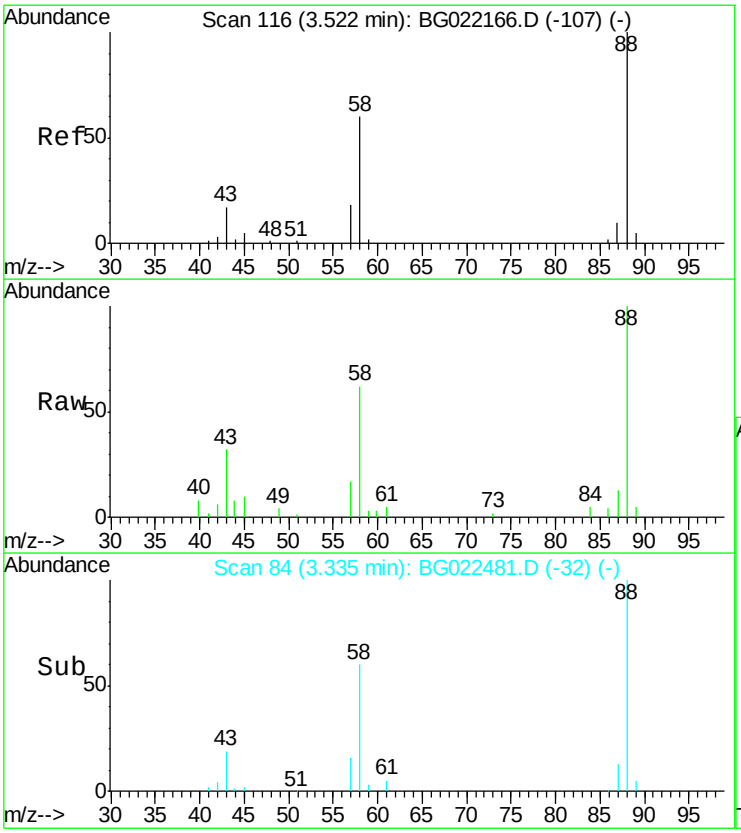

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:152 Resp: 21611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 130.1 | 195.1 |
| 115 | 56.0 | 62.2 | 93.2# |

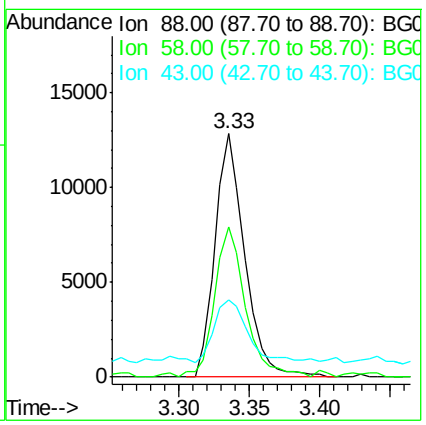


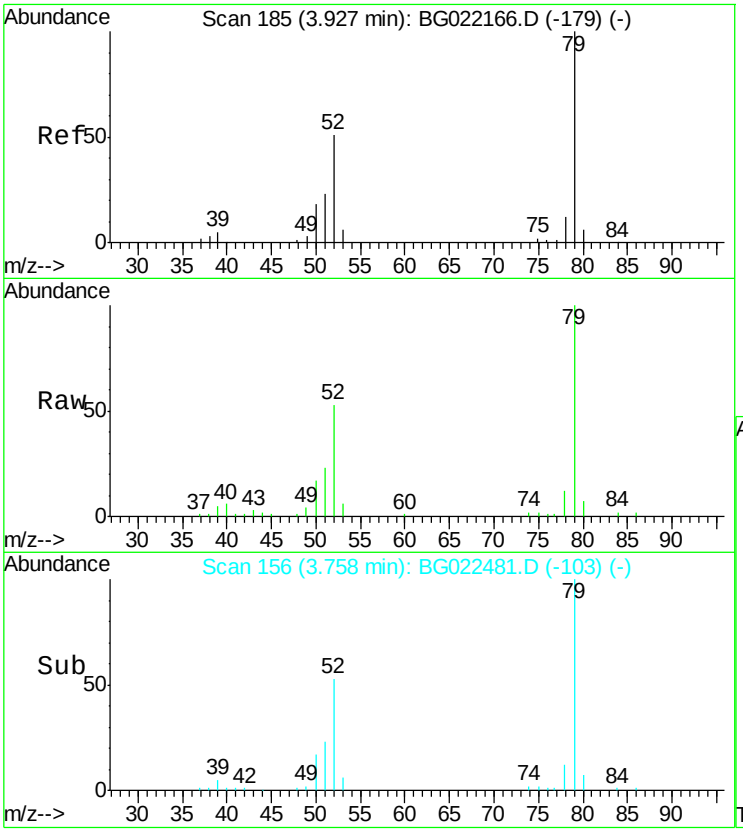




#2
1,4-Dioxane
Concen: 35.01 ng
RT: 3.33 min Scan# 84
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 88 Resp: 18763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 64.8 | 36.8 | 55.2# |
| 43 | 29.2 | 10.4 | 15.6# |



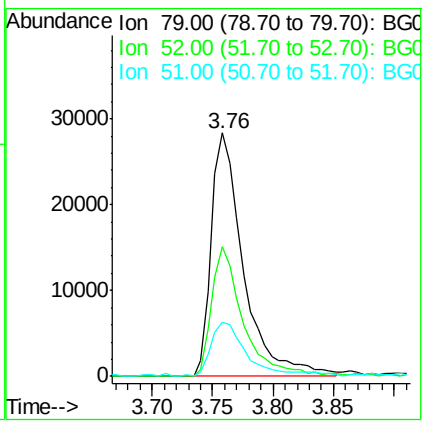


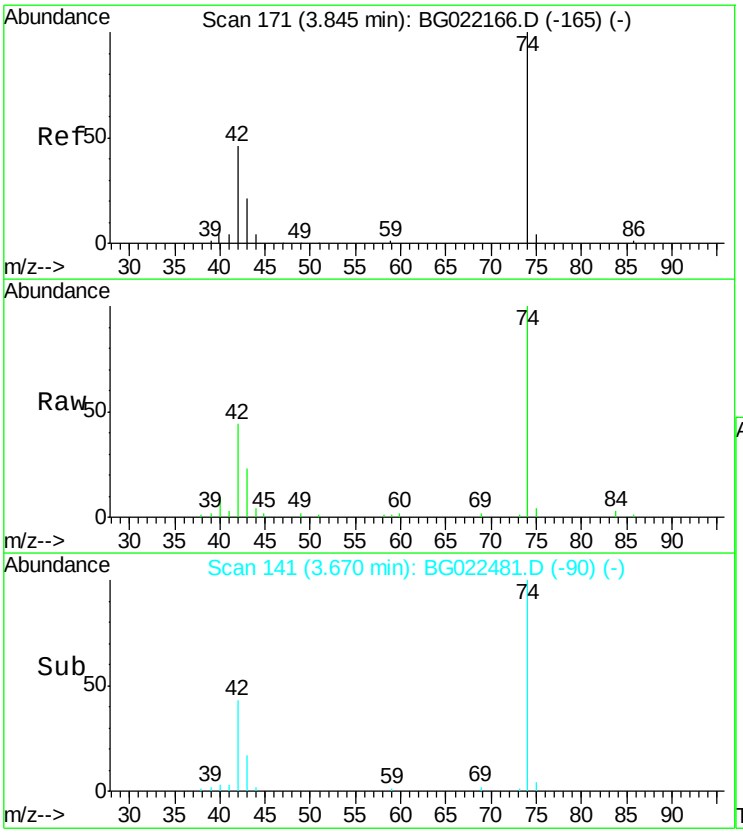

#3
Pyridine
Concen: 36.05 ng
RT: 3.76 min Scan# 156
Delta R.T. 0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 79 Resp: 52209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 53.1 | 41.6 | 62.4 |
| 51 | 22.5 | 19.2 | 28.8 |

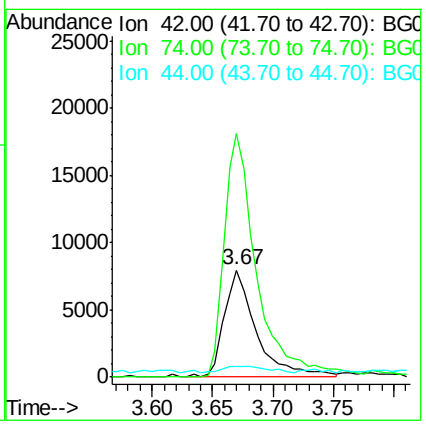


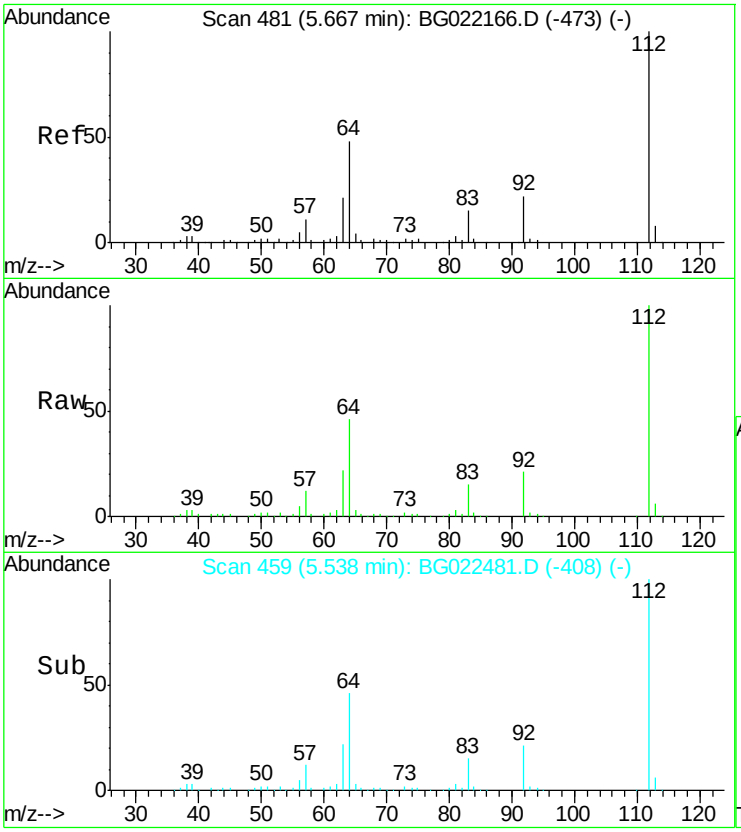




#4
n-Nitrosodimethylamine
Concen: 45.57 ng
RT: 3.67 min Scan# 141
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 42 Resp: 14758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 227.4 | 184.0 | 276.0 |
| 44 | 10.0 | 11.0 | 16.6# |



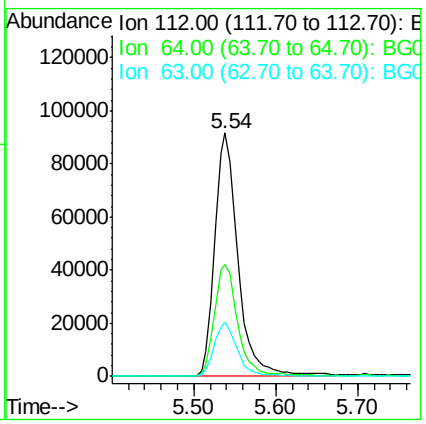


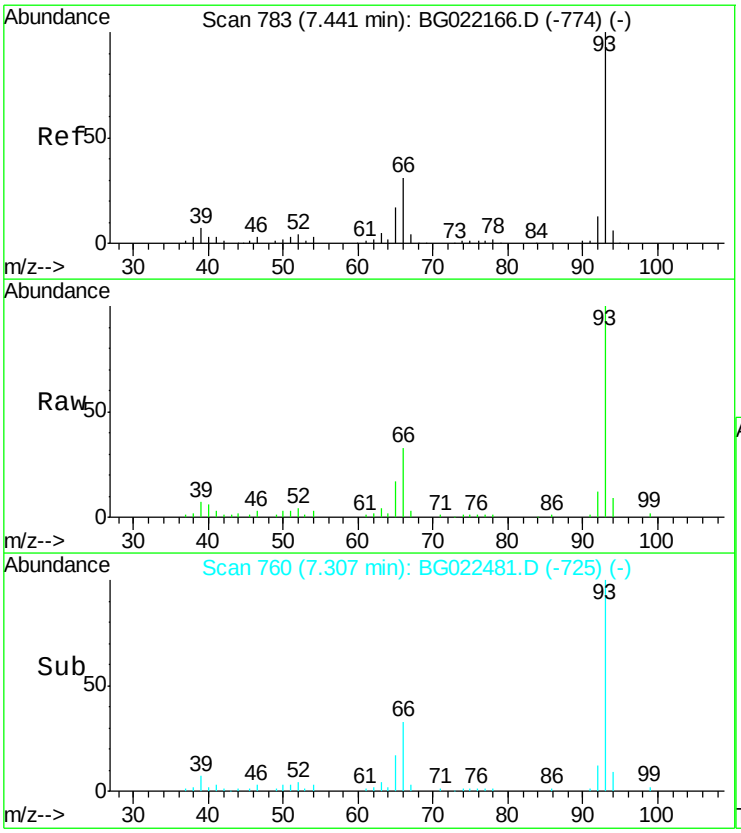

#5
2-Fluorophenol
Concen: 163.43 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:112 Resp: 182667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.9 | 51.1 | 76.7# |
| 63 | 22.4 | 24.6 | 37.0# |

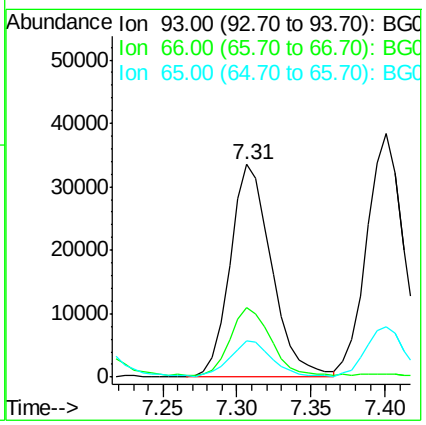


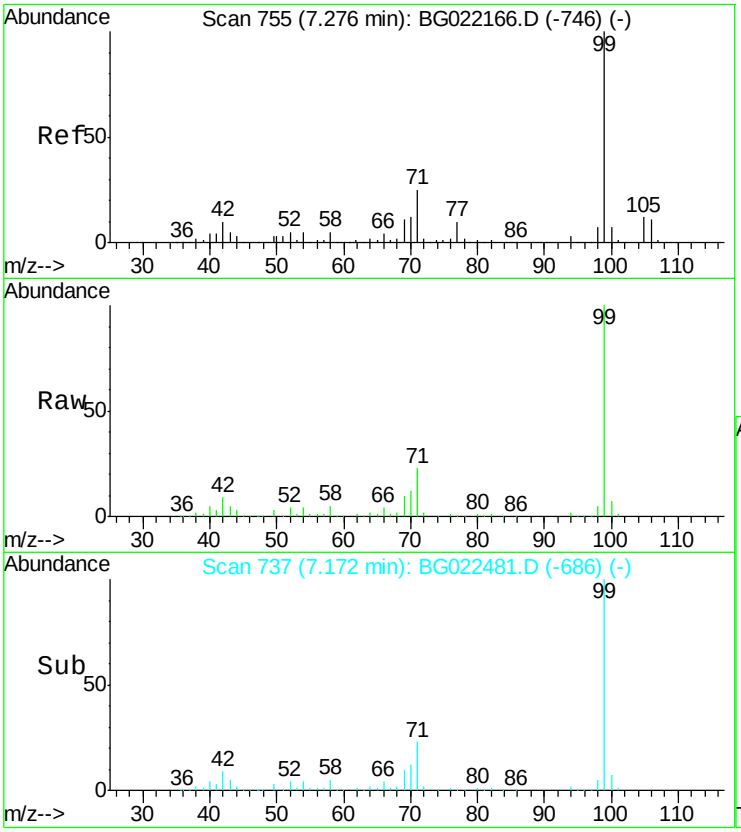




#6
Aniline
Concen: 29.22 ng m
RT: 7.31 min Scan# 760
Delta R.T. -0.10 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 93 Resp: 65249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 32.7 | 36.3 | 54.5# |
| 65 | 16.9 | 18.4 | 27.6# |



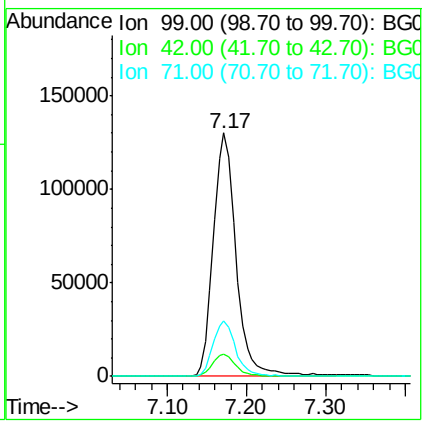


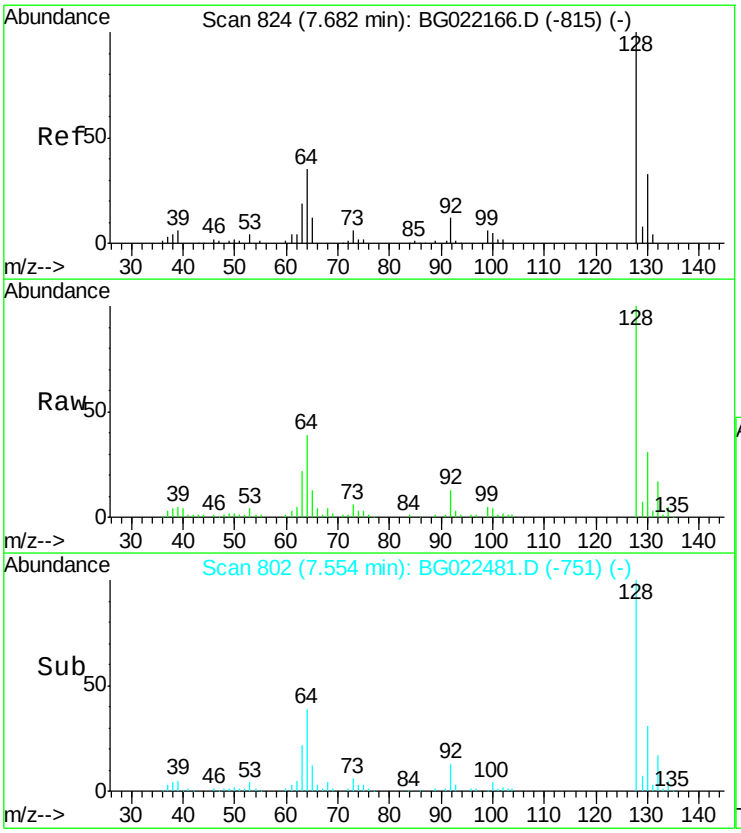

#7
Phenol-d6
Concen: 148.22 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 99 Resp: 260475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 9.2 | 16.4 | 24.6# |
| 71 | 22.6 | 25.0 | 37.4# |

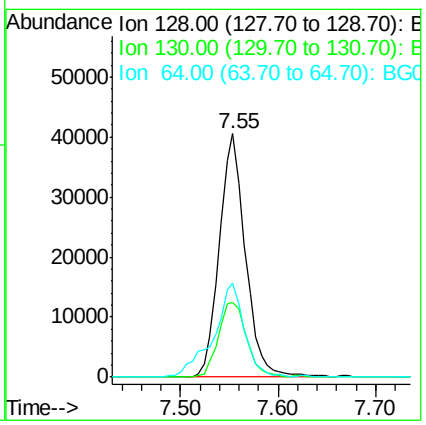


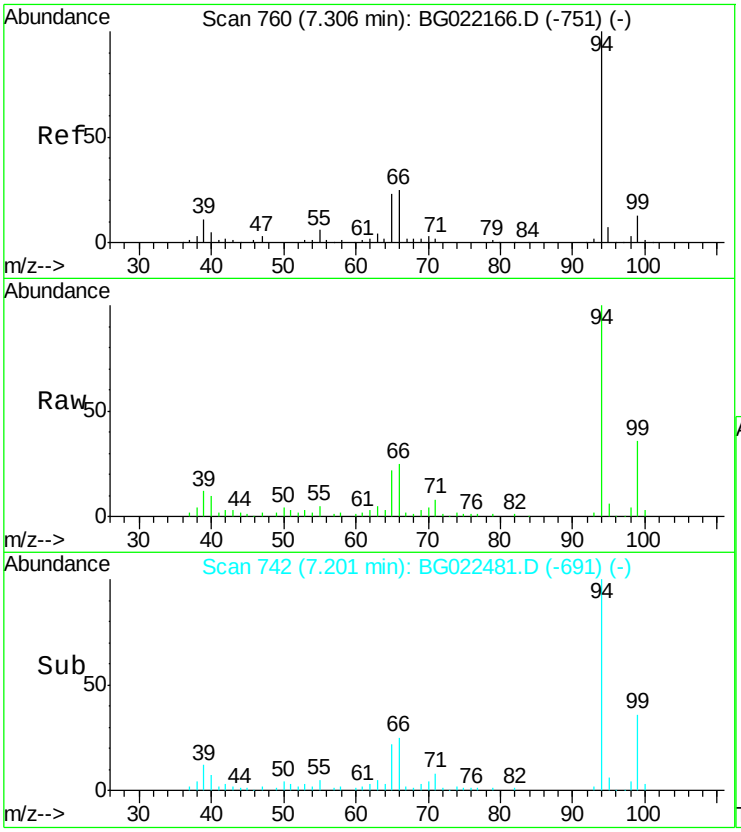




#8
2-Chlorophenol
Concen: 48.65 ng
RT: 7.55 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:128 Resp: 75159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.7 | 11.2 | 51.2 |
| 64 | 38.5 | 39.8 | 79.8# |



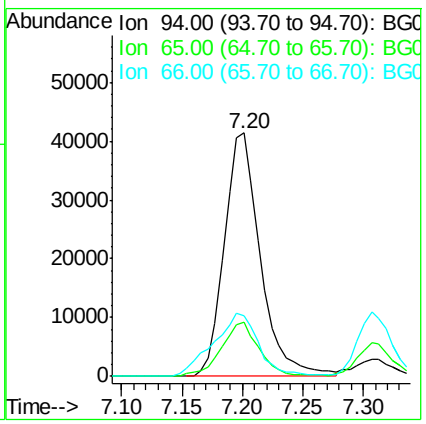


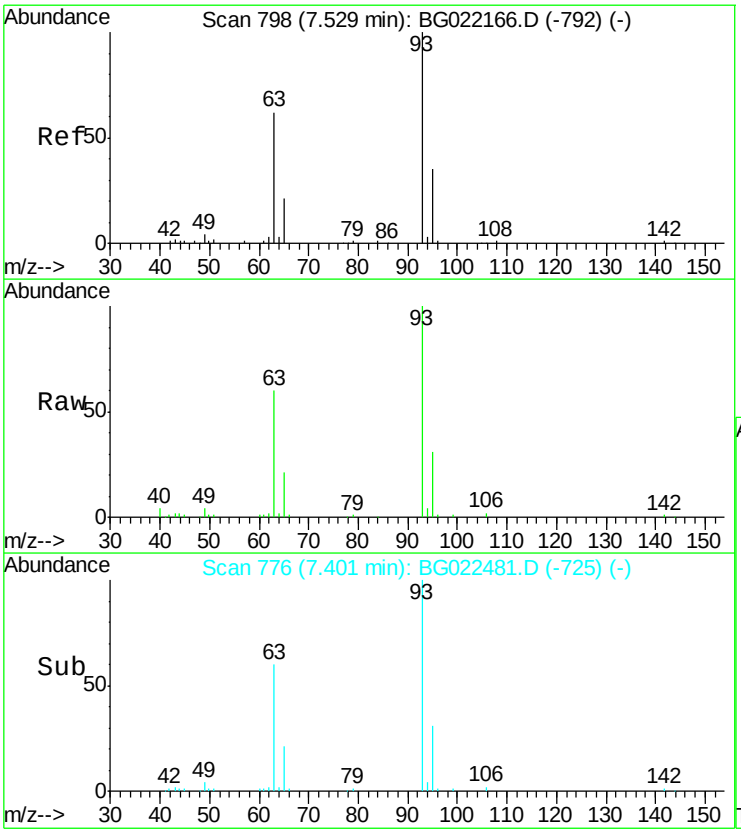

#10
Phenol
Concen: 47.35 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 94 Resp: 85787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 22.3 | 9.8 | 49.8 |
| 66 | 25.0 | 20.8 | 60.8 |

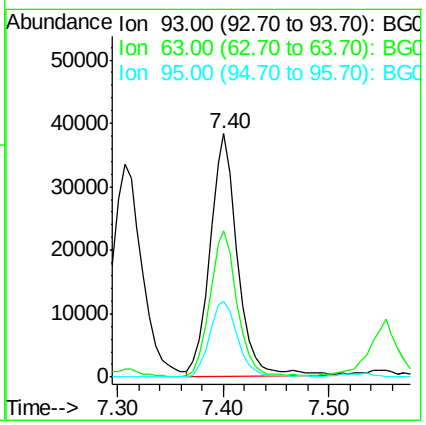


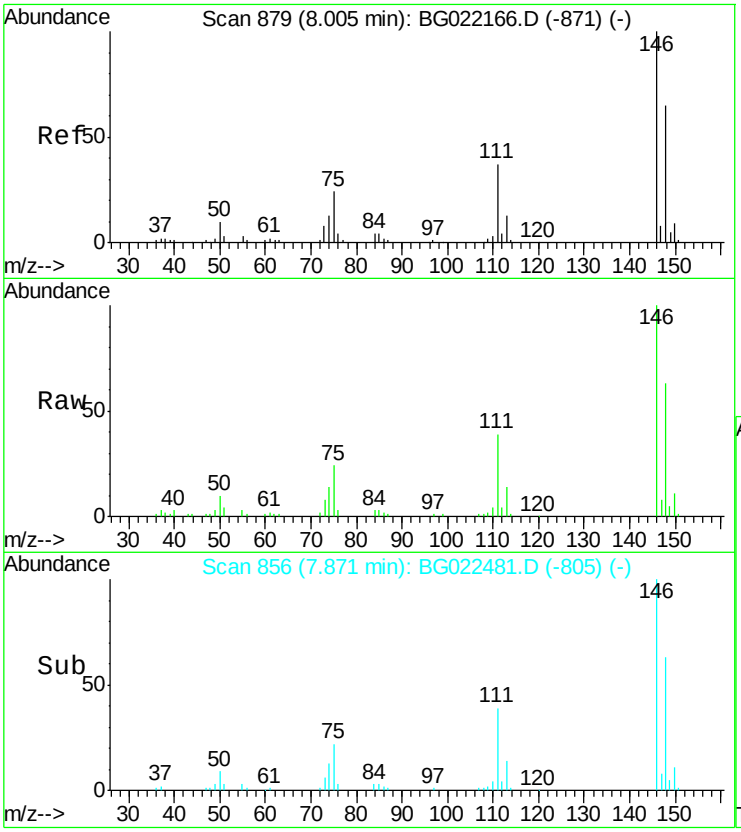




#11
bis(2-Chloroethyl)ether
Concen: 48.24 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 93 Resp: 69689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 60.2 | 74.9 | 114.9# |
| 95 | 31.4 | 8.3 | 48.3 |



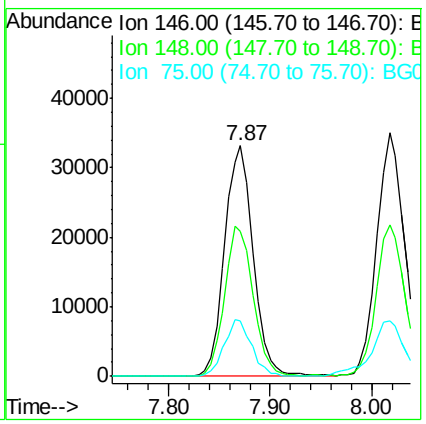


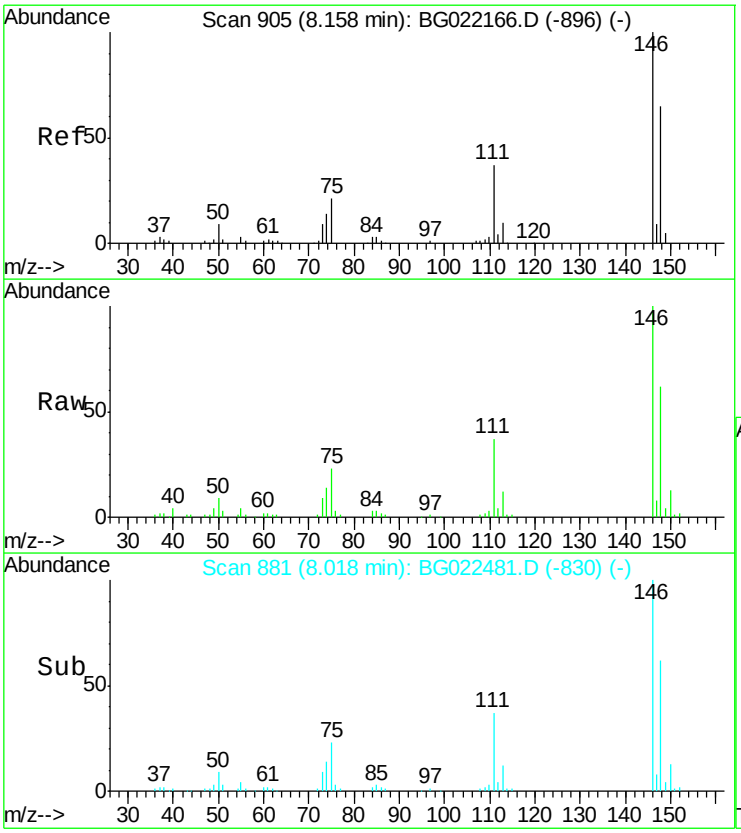

#12
1,3-Dichlorobenzene
Concen: 39.21 ng
RT: 7.87 min Scan# 856
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:146 Resp: 64929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 53.7 | 80.5 |
| 75 | 23.9 | 27.4 | 41.0# |

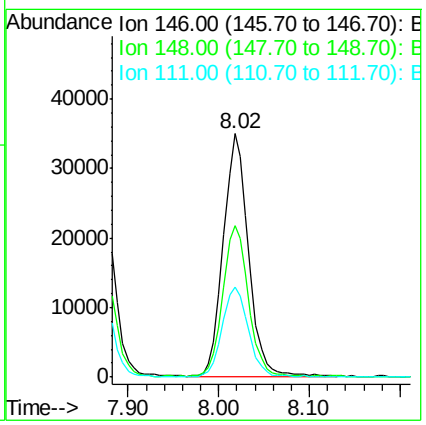


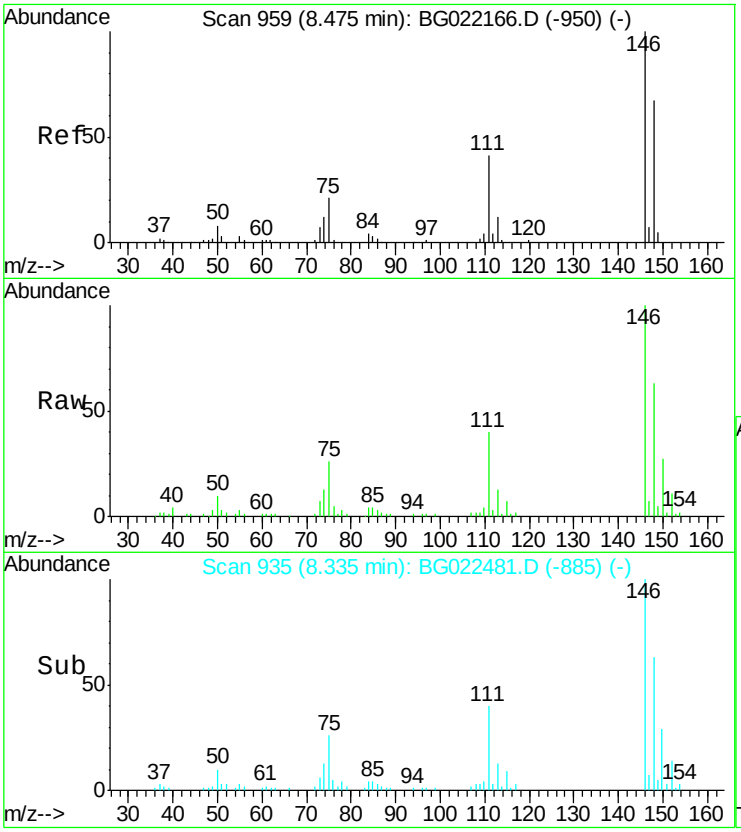




#13
1,4-Dichlorobenzene
Concen: 41.31 ng
RT: 8.02 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:146 Resp: 68158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.1 | 46.7 | 70.1 |
| 111 | 37.0 | 33.0 | 49.6 |



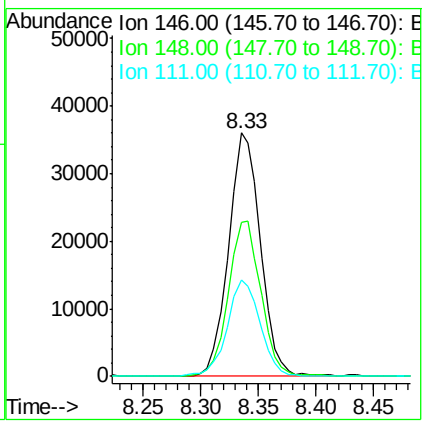


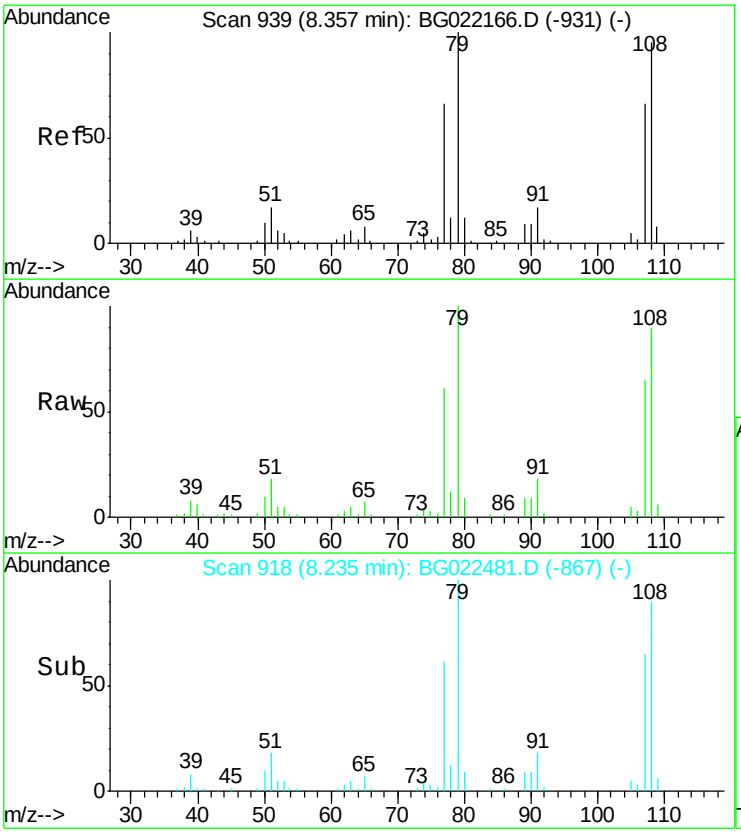

#14
1,2-Dichlorobenzene
Concen: 41.33 ng
RT: 8.33 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:146 Resp: 68740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 52.6 | 79.0 |
| 111 | 39.7 | 36.1 | 54.1 |

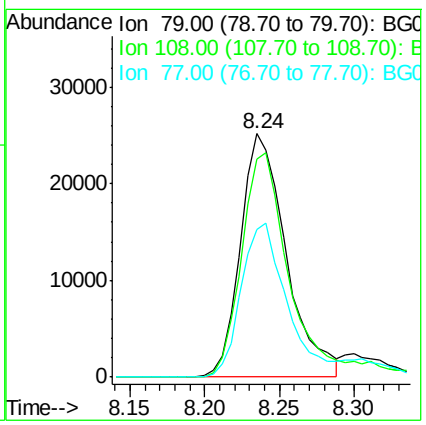


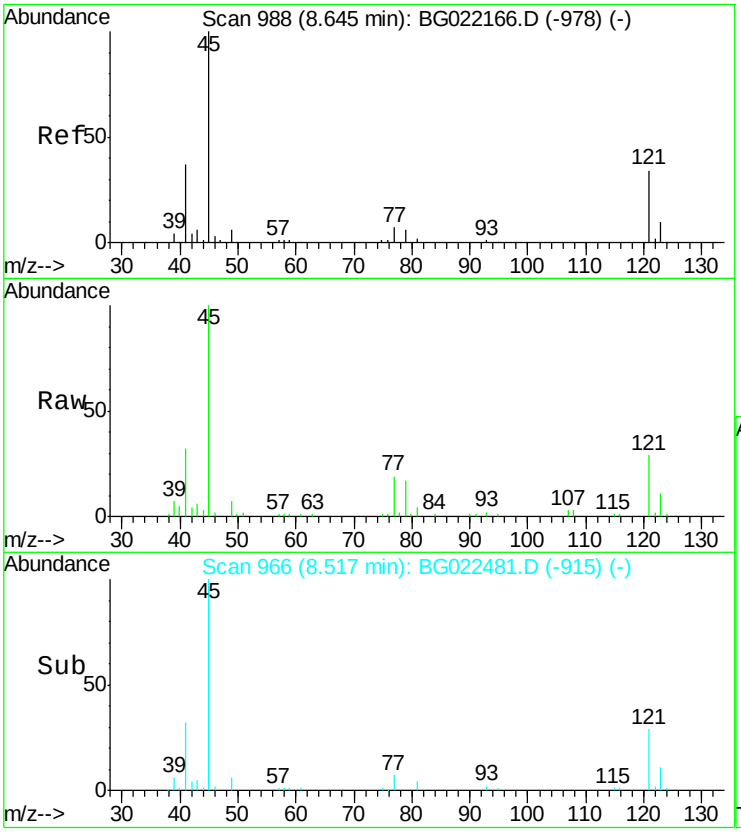




#15
Benzyl Alcohol
Concen: 46.98 ng
RT: 8.24 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 79 Resp: 53347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 89.5 | 59.4 | 89.0# |
| 77 | 60.8 | 52.2 | 78.2 |



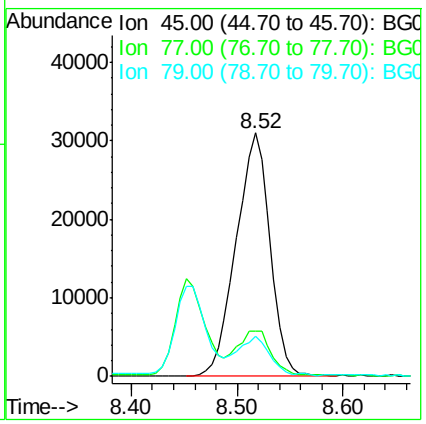


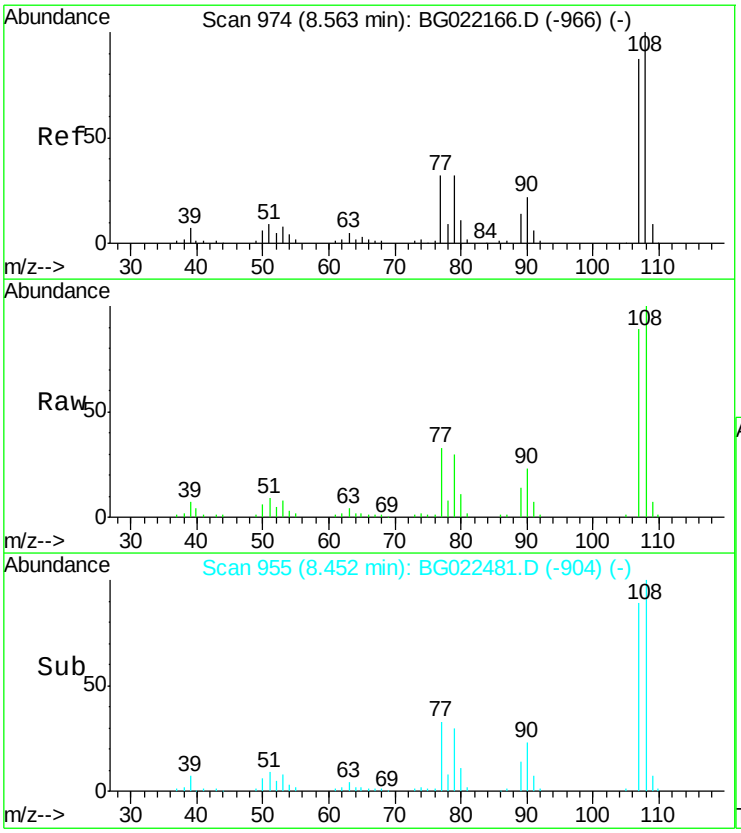

#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.17 ng
RT: 8.52 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 45 Resp: 69204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.6 | 0.0 | 31.2 |
| 79 | 16.7 | 0.0 | 29.0 |

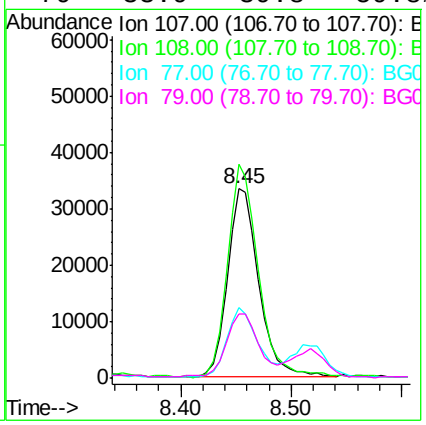


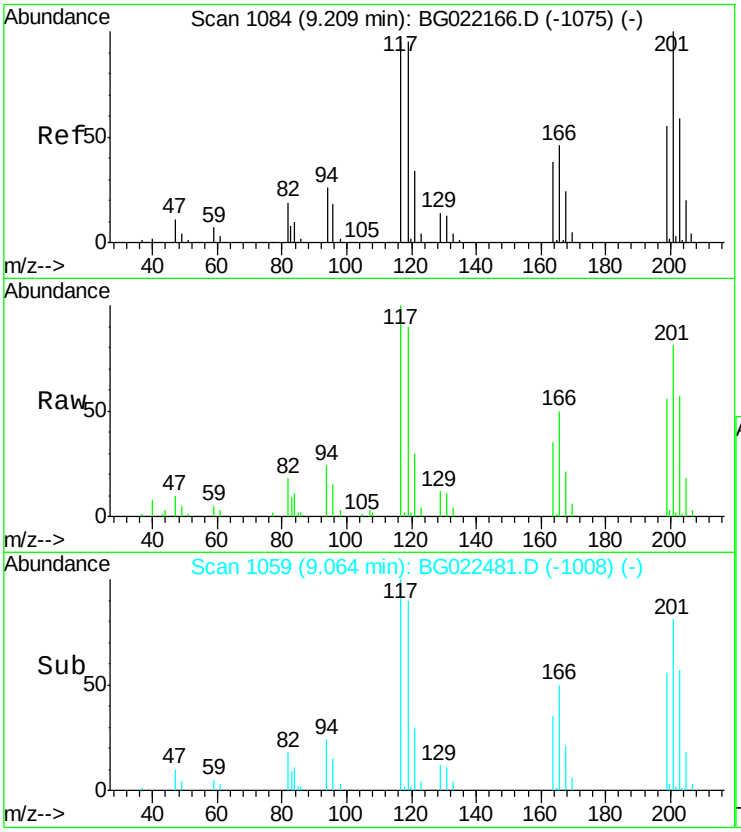




#17
2-Methylphenol
Concen: 48.71 ng
RT: 8.45 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:107 Resp: 65864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.8 | 80.2 | 120.4 |
| 77 | 36.9 | 40.7 | 61.1# |
| 79 | 33.9 | 39.8 | 59.8# |



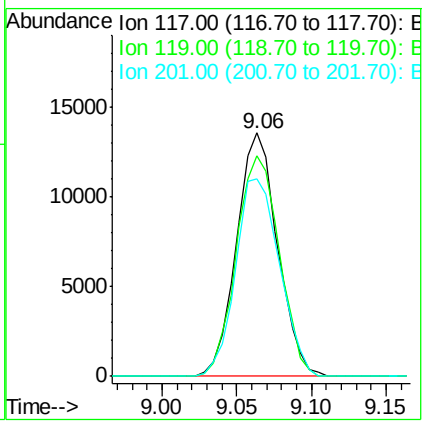


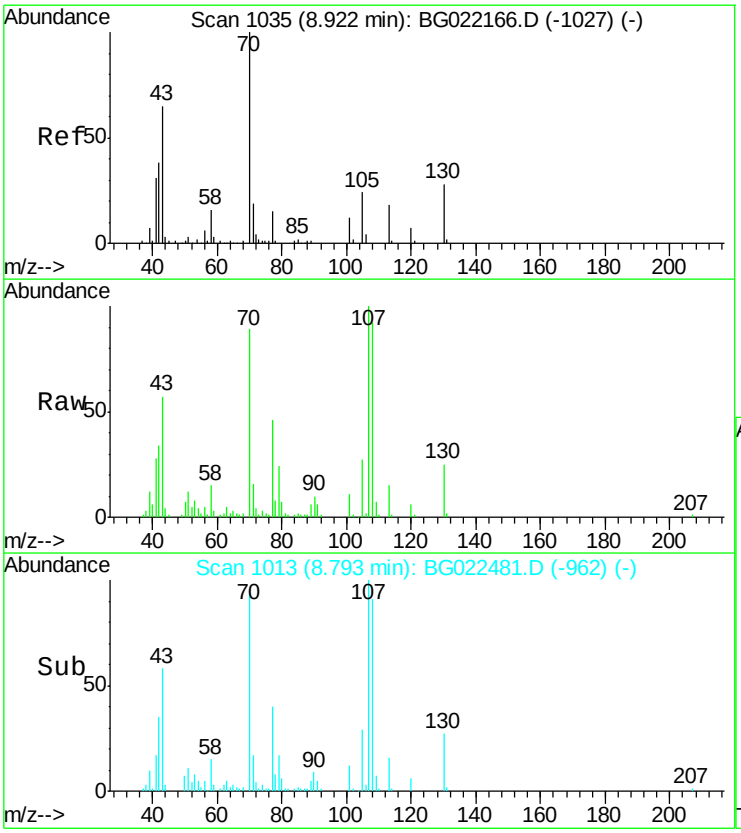

#18
Hexachloroethane
Concen: 42.80 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:117 Resp: 25788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.3 | 63.9 | 95.9 |
| 201 | 83.4 | 61.2 | 91.8 |

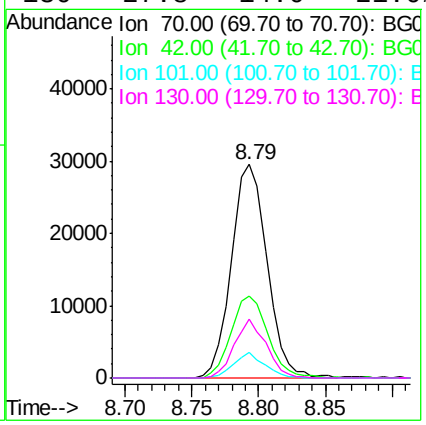


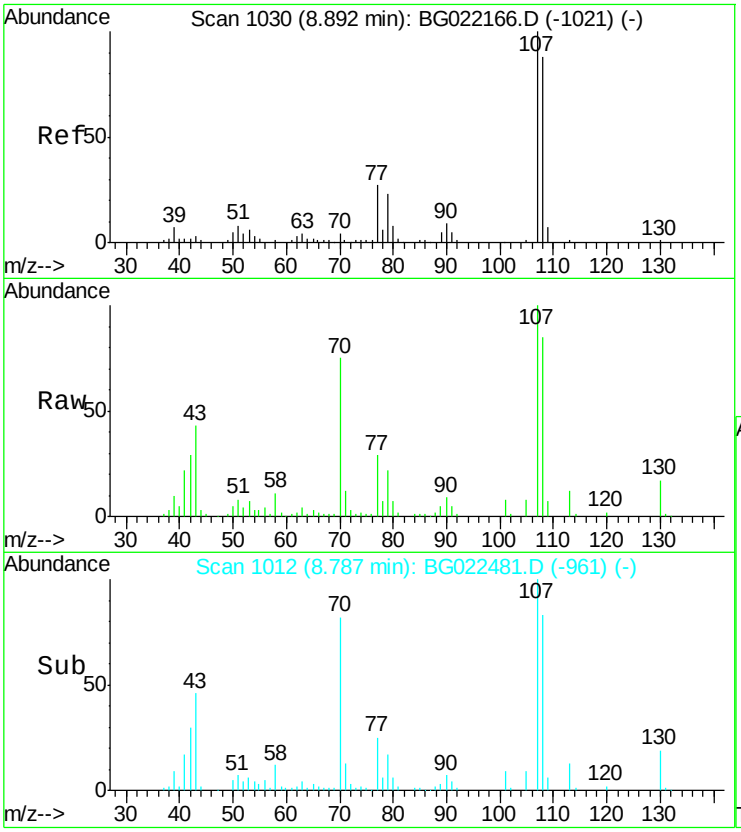




#19
n-Nitroso-di-n-propylamine
Concen: 46.12 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 70 Resp: 54864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.4 | 56.7 | 85.1# |
| 101 | 12.2 | 8.2 | 12.4 |
| 130 | 27.8 | 14.0 | 21.0# |



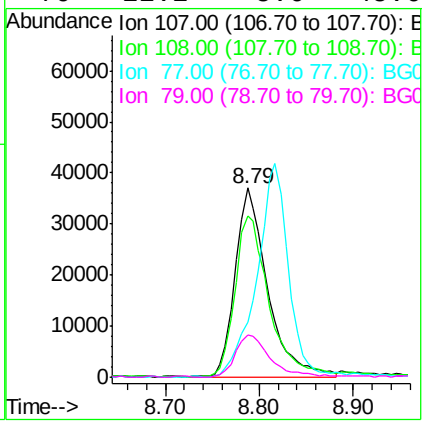


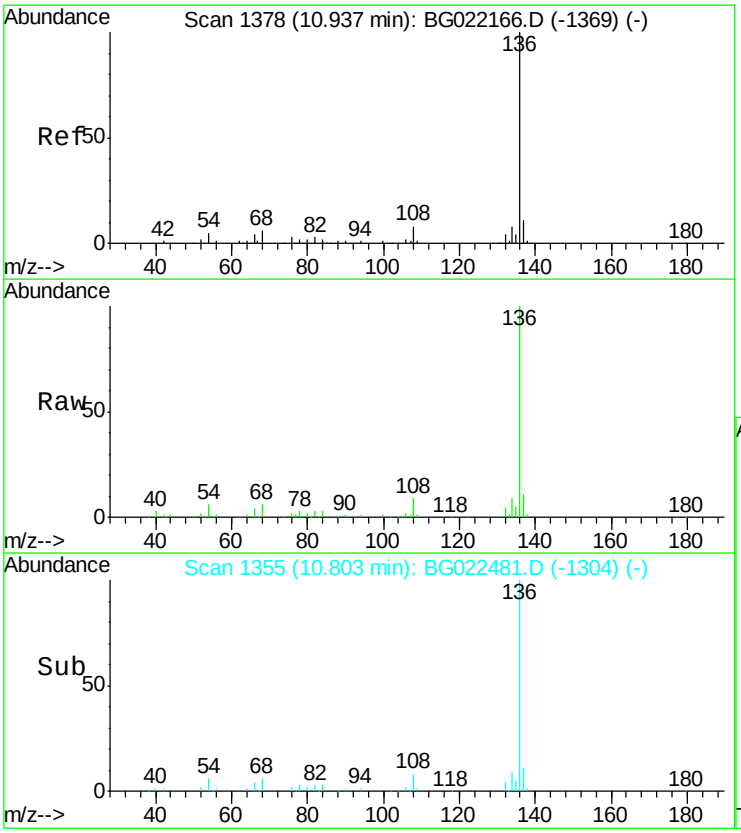

#20
3+4-Methylphenols
Concen: 45.99 ng
RT: 8.79 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:107 Resp: 89190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.4 | 66.2 | 106.2 |
| 77 | 29.3 | 11.5 | 51.5 |
| 79 | 22.2 | 5.6 | 45.6 |

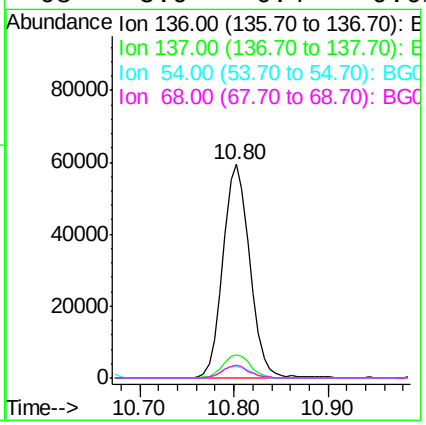


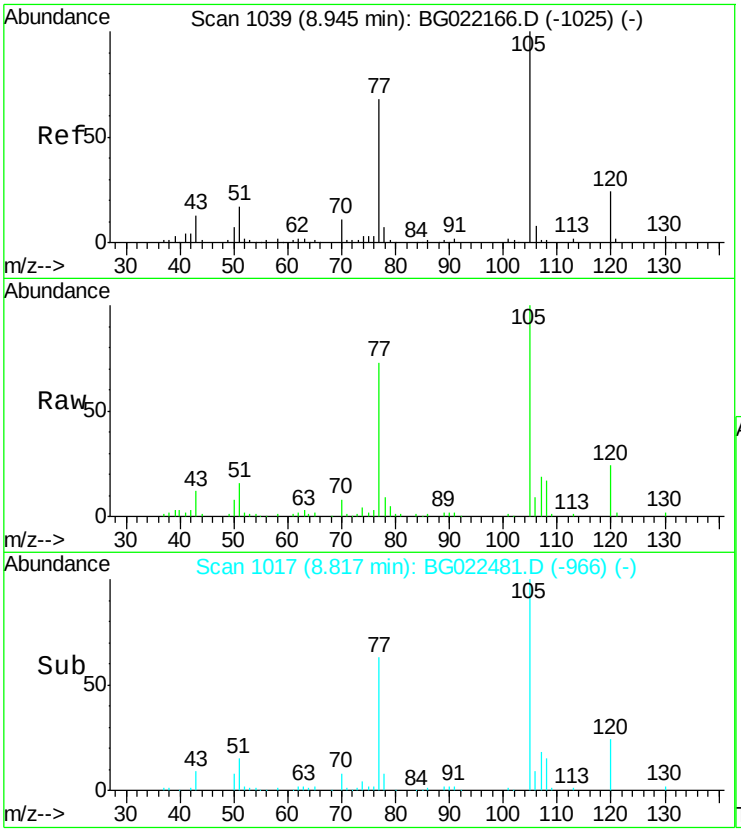




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:136 Resp: 117798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.4 |
| 54 | 5.7 | 9.6 | 14.4# |
| 68 | 5.9 | 6.4 | 9.6# |



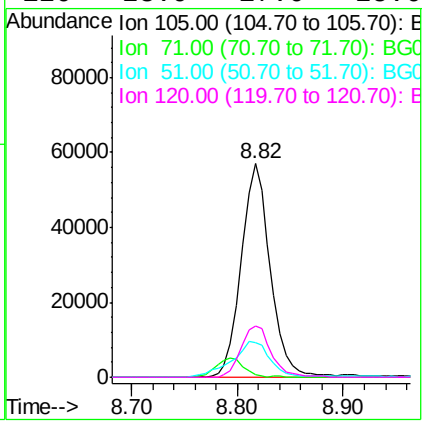


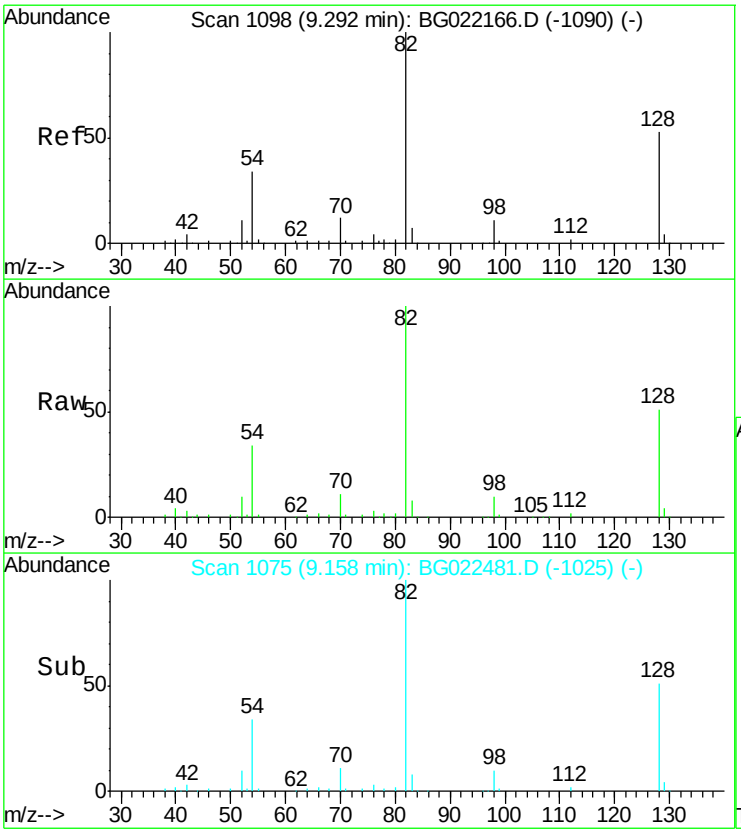

#22
Acetophenone
Concen: 42.92 ng
RT: 8.82 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:105 Resp: 108947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.2 | 0.0 | 0.0# |
| 51 | 16.5 | 25.7 | 38.5# |
| 120 | 23.9 | 17.0 | 25.6 |

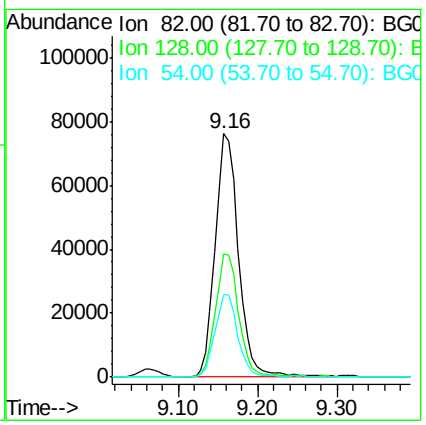


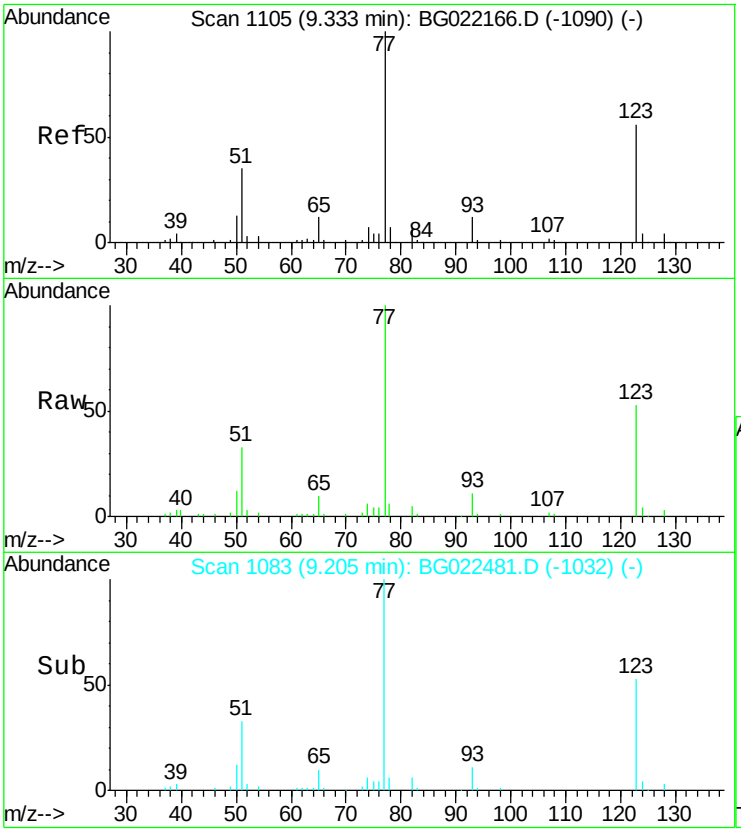




#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 82 Resp: 156466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.6 | 33.4 | 50.0# |
| 54 | 33.6 | 46.1 | 69.1# |



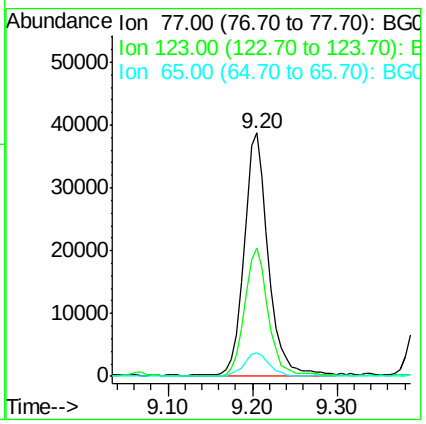


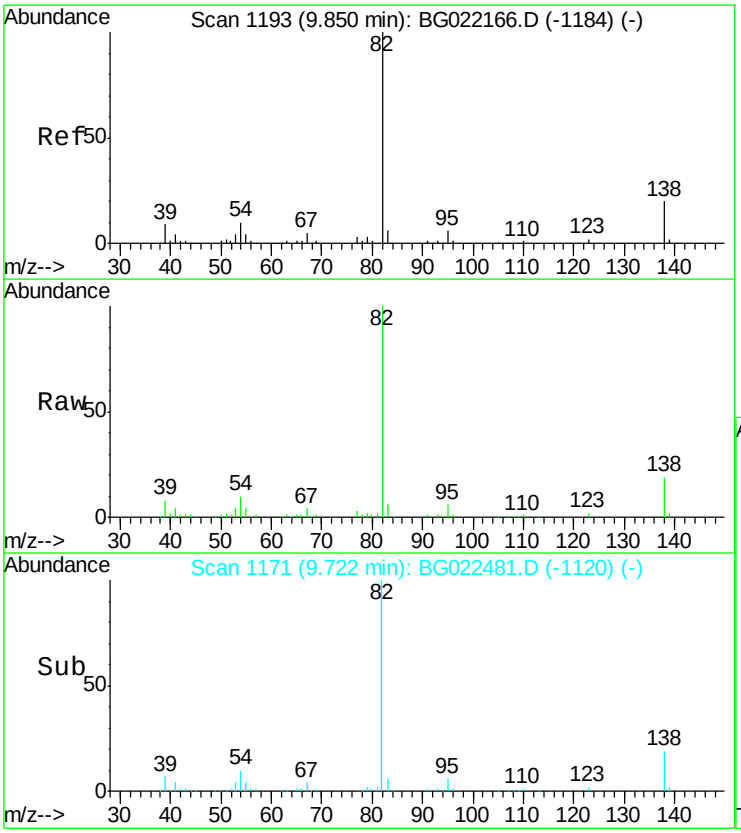

#24
Nitrobenzene
Concen: 45.70 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 77 Resp: 77642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.5 | 32.2 | 48.4# |
| 65 | 9.6 | 10.3 | 15.5# |

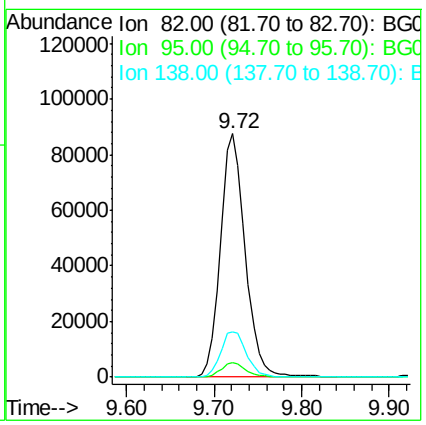


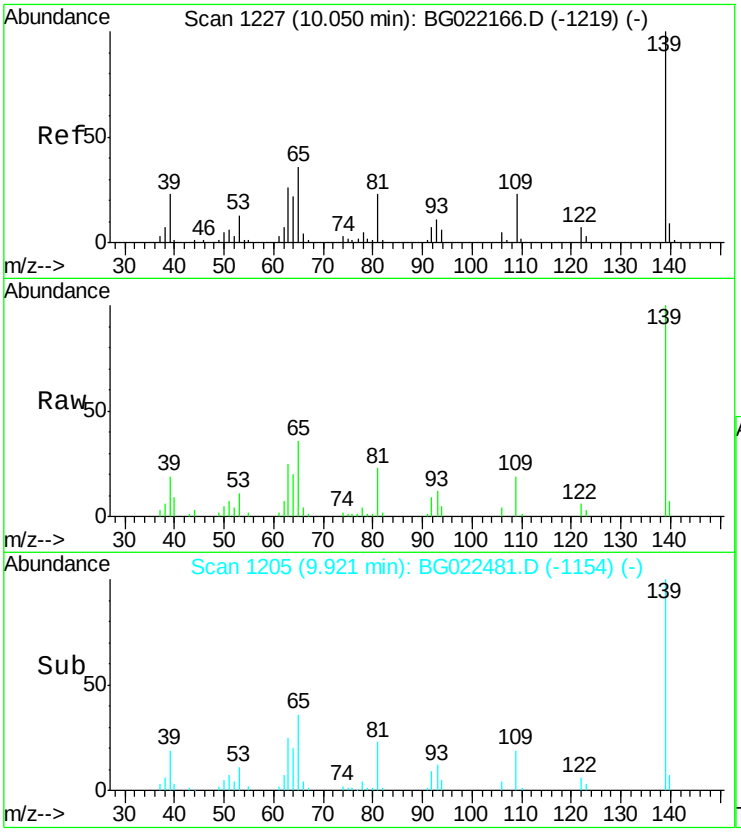




#25
Isophorone
Concen: 43.19 ng
RT: 9.72 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 82 Resp: 170743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 5.9 | 6.0 | 9.0# |
| 138 | 18.8 | 13.4 | 20.0 |



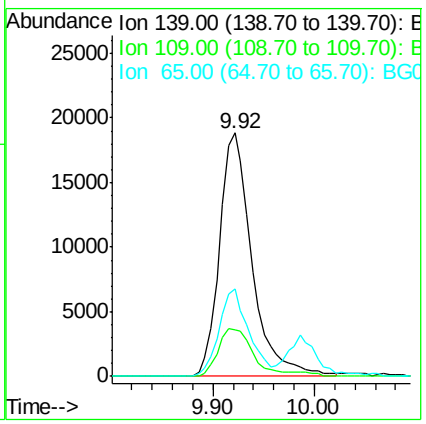


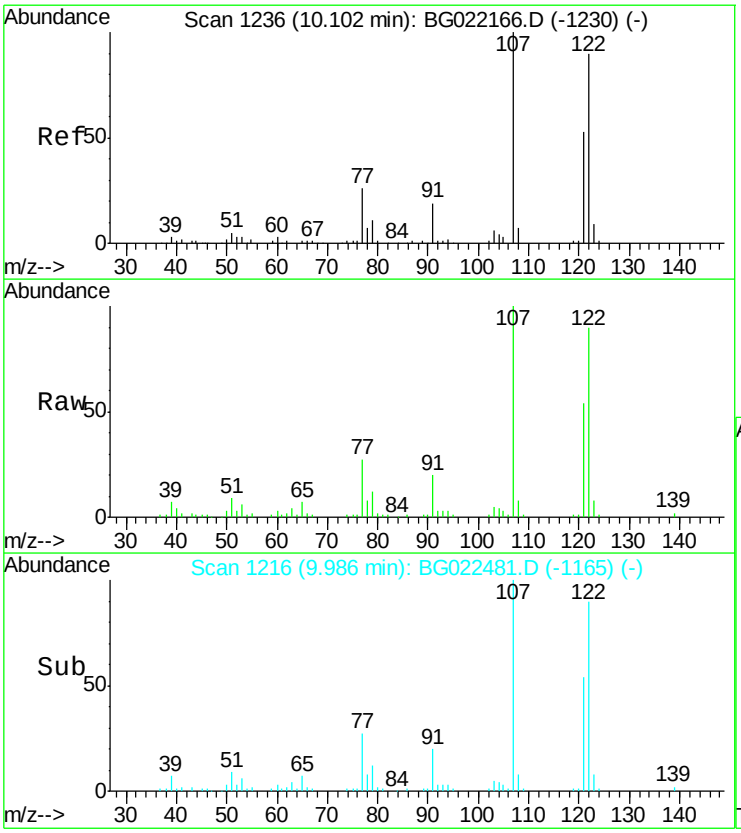

#26
2-Nitrophenol
Concen: 45.47 ng
RT: 9.92 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:139 Resp: 41892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 19.2 | 26.6 | 40.0# |
| 65 | 35.8 | 45.3 | 67.9# |

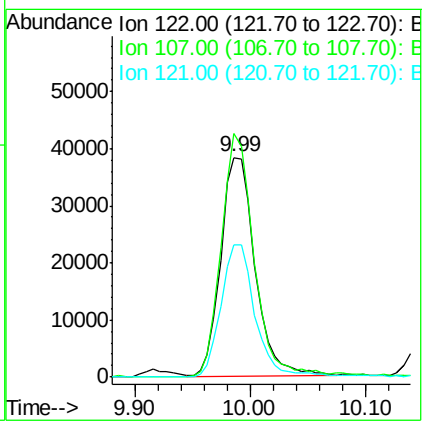


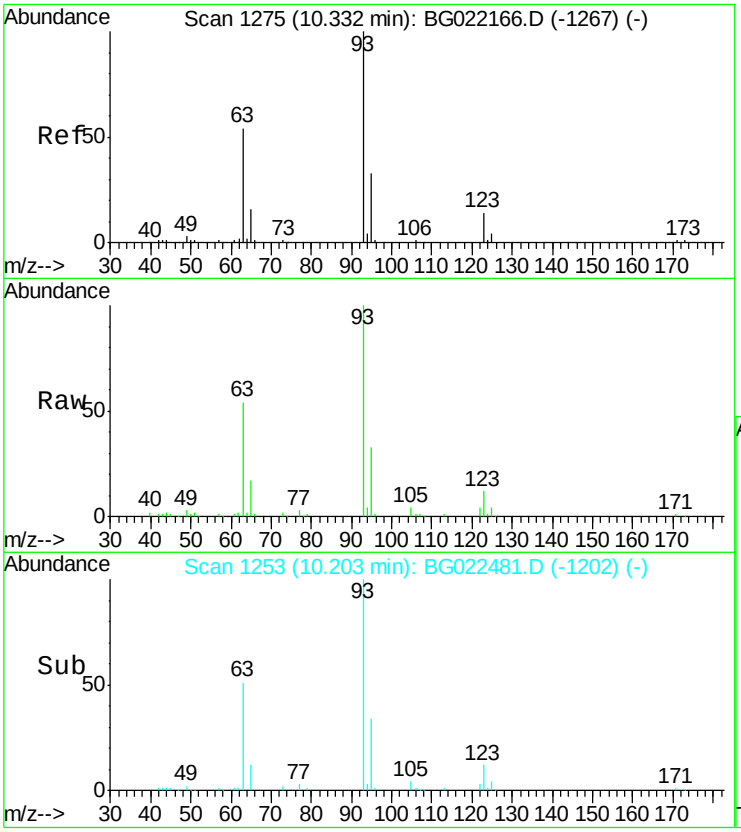




#27
2,4-Dimethylphenol
Concen: 47.26 ng
RT: 9.99 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:122 Resp: 78820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.9 | 97.2 | 145.8 |
| 121 | 60.2 | 49.0 | 73.4 |



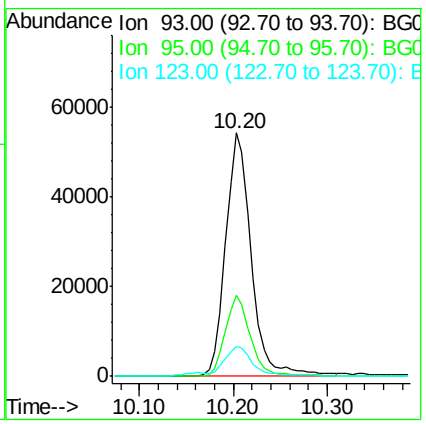


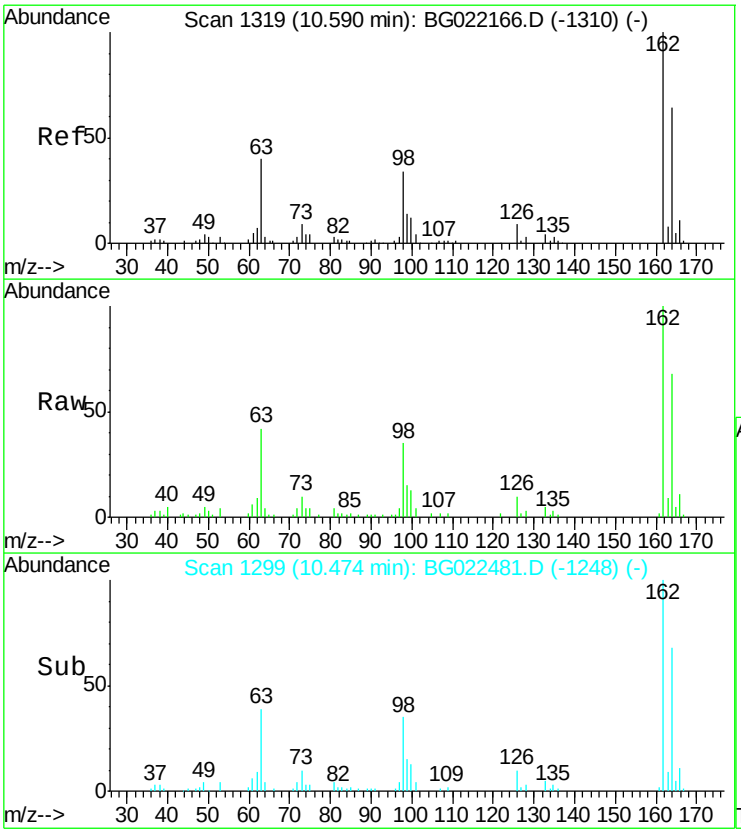

#28
bis(2-Chloroethoxy)methane
Concen: 45.42 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 93 Resp: 102866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 30.1 | 45.1 |
| 123 | 12.5 | 10.2 | 15.4 |

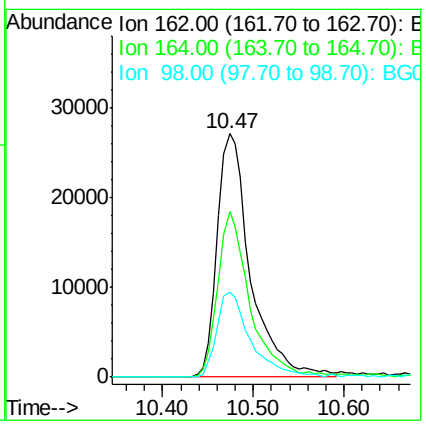


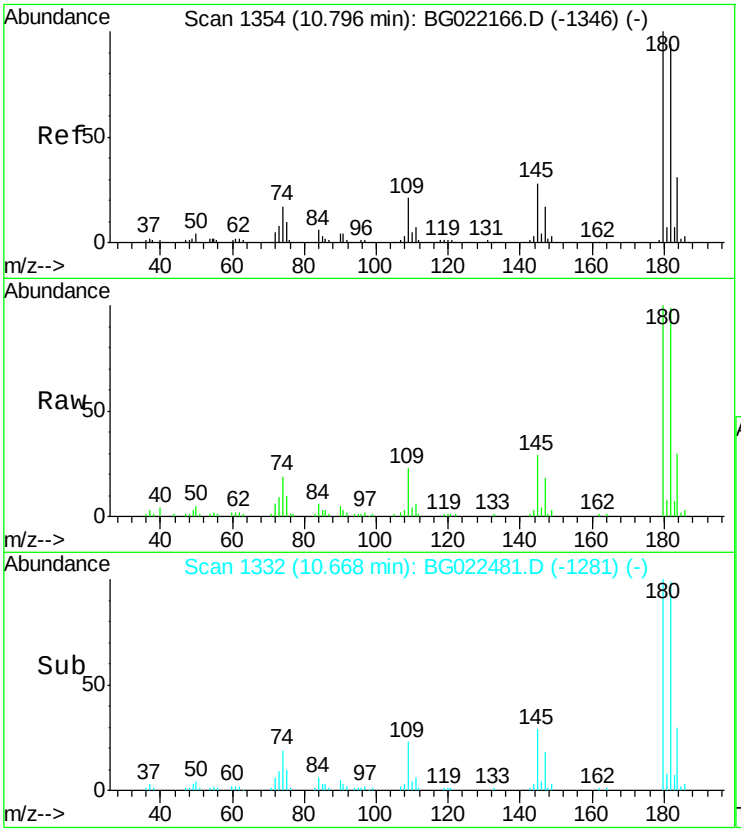




#29
2,4-Dichlorophenol
Concen: 44.94 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:162 Resp: 69434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 68.2 | 44.9 | 84.9 |
| 98 | 35.0 | 19.2 | 59.2 |



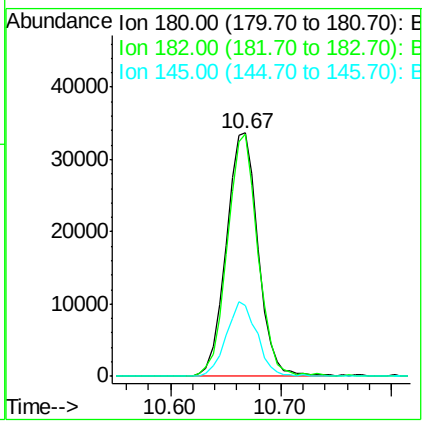


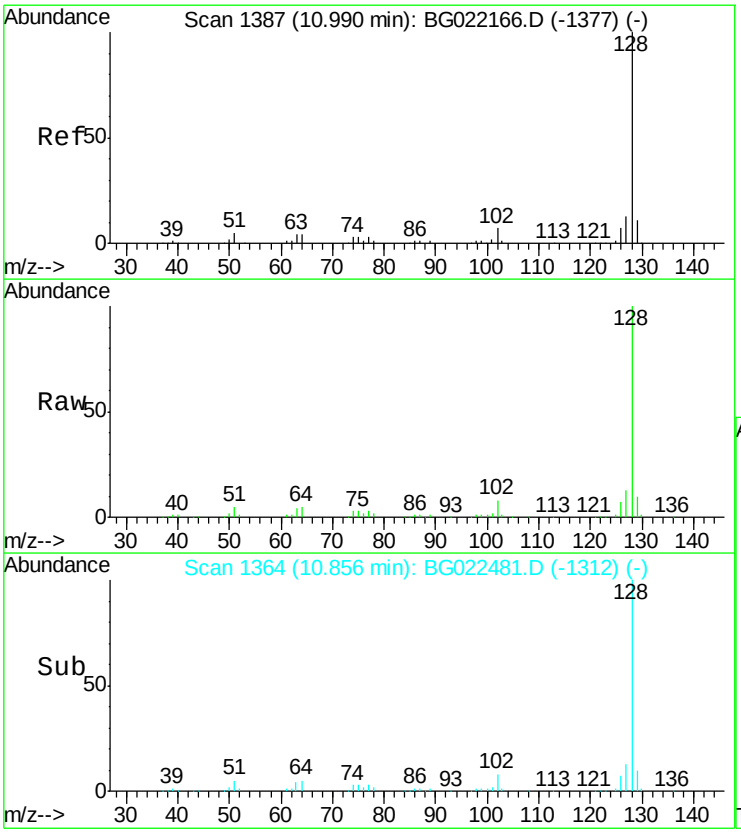

#30
1,2,4-Trichlorobenzene
Concen: 39.32 ng
RT: 10.67 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:180 Resp: 67877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.5 | 82.3 | 123.5 |
| 145 | 29.3 | 24.4 | 36.6 |

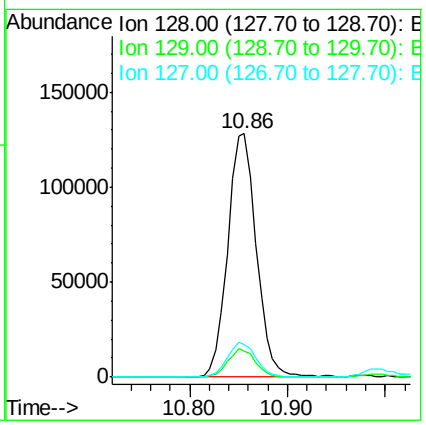


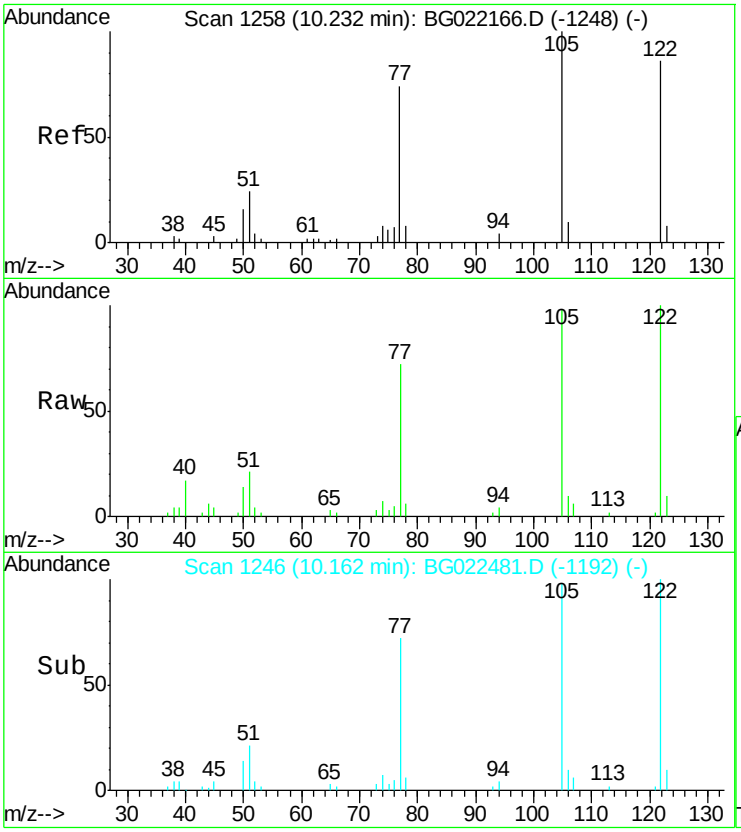




#31
Naphthalene
Concen: 44.46 ng
RT: 10.86 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:128 Resp: 261437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 7.0 | 10.6 |
| 127 | 13.4 | 10.1 | 15.1 |



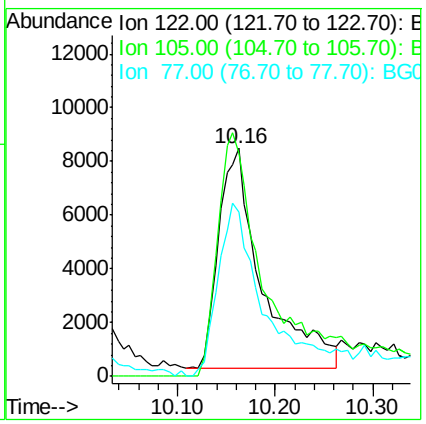


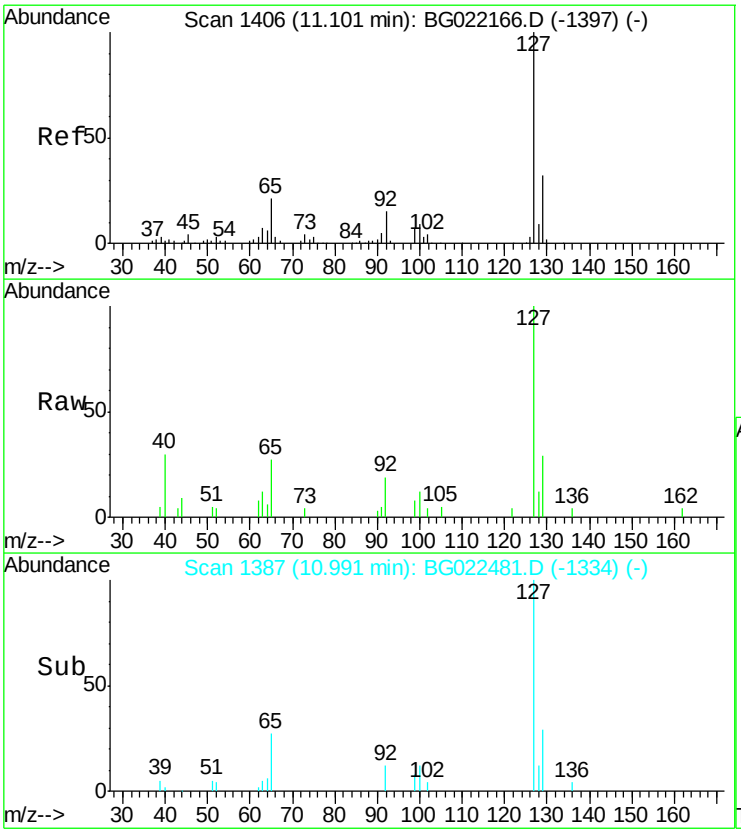

#32
Benzoic acid
Concen: 45.43 ng
RT: 10.16 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:122 Resp: 25316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 97.9 | 104.5 | 144.5# |
| 77 | 72.1 | 79.9 | 119.9# |

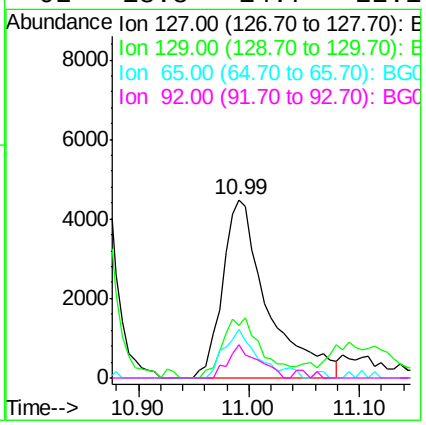


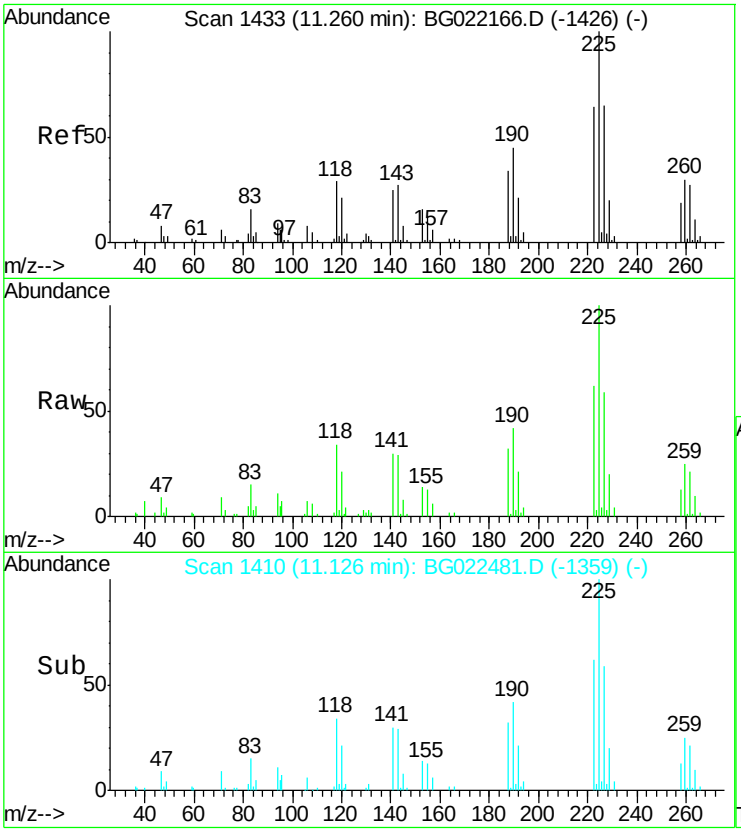




#33
4-Chloroaniline
Concen: 5.21 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:127 Resp: 12739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 29.2 | 26.6 | 39.8 |
| 65 | 27.2 | 27.5 | 41.3# |
| 92 | 18.8 | 14.7 | 22.1 |



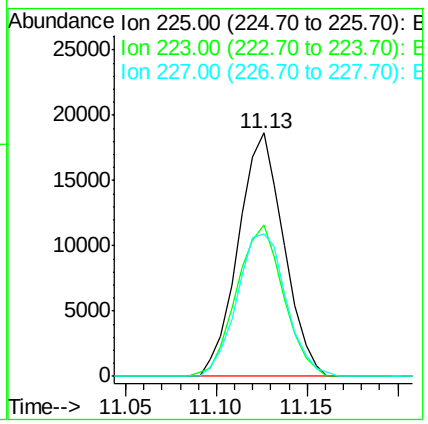


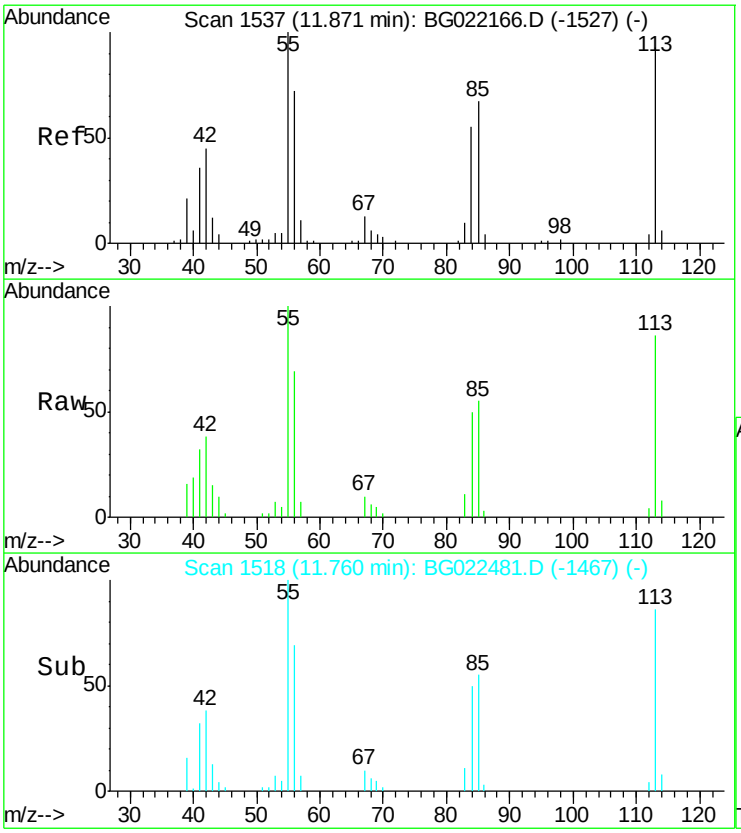

#34
Hexachlorobutadiene
Concen: 35.26 ng
RT: 11.13 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:225 Resp: 32676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 52.7 | 79.1 |
| 227 | 60.0 | 49.7 | 74.5 |

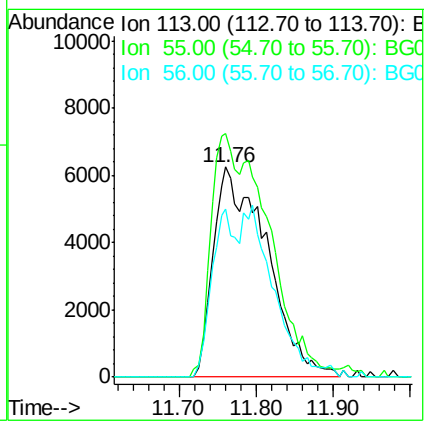


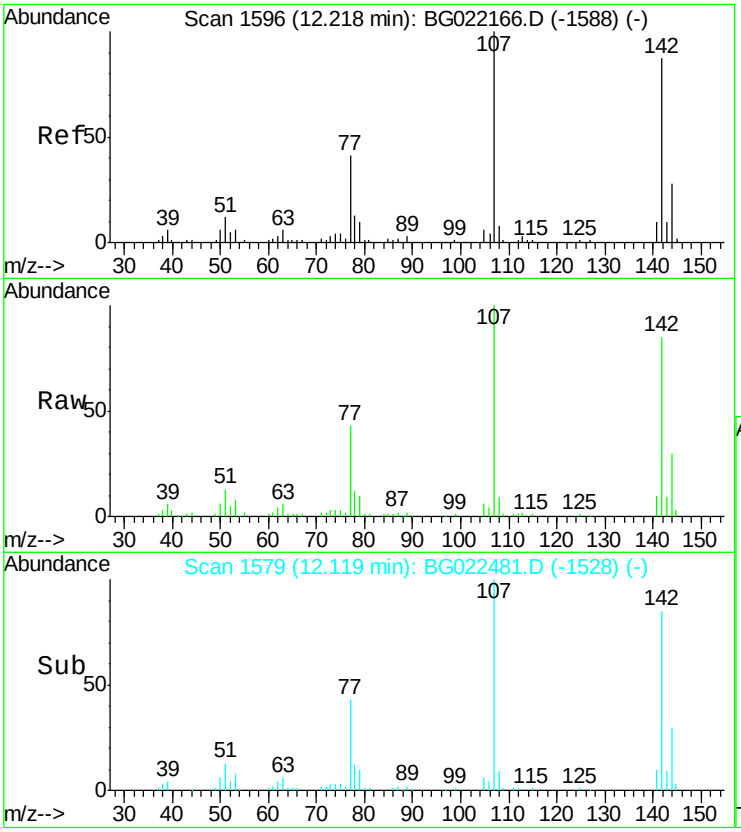




#35
Caprolactam
Concen: 35.42 ng m
RT: 11.76 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:113 Resp: 30014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 116.1 | 194.2 | 234.2# |
| 56 | 80.3 | 122.6 | 162.6# |



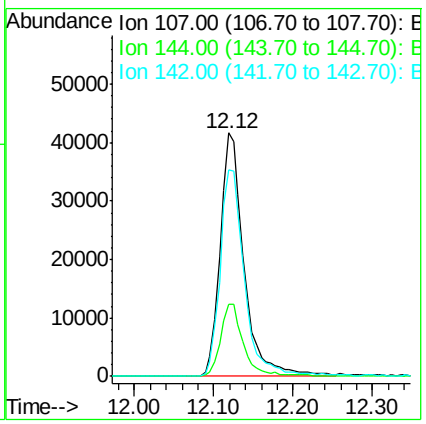


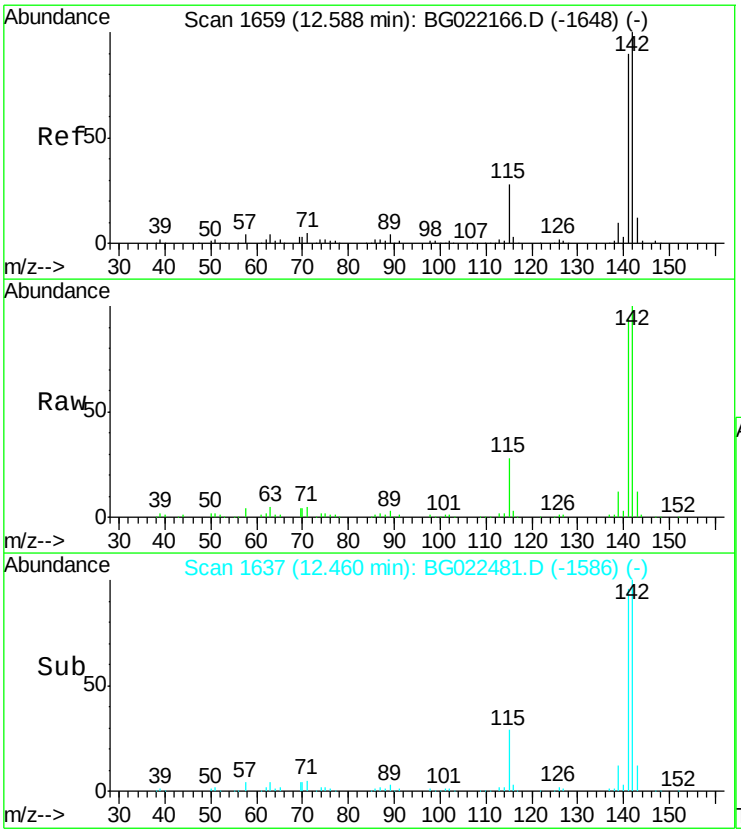

#36
4-Chloro-3-methylphenol
Concen: 47.16 ng
RT: 12.12 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:107 Resp: 86360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.8 | 19.2 | 28.8# |
| 142 | 84.8 | 59.1 | 88.7 |

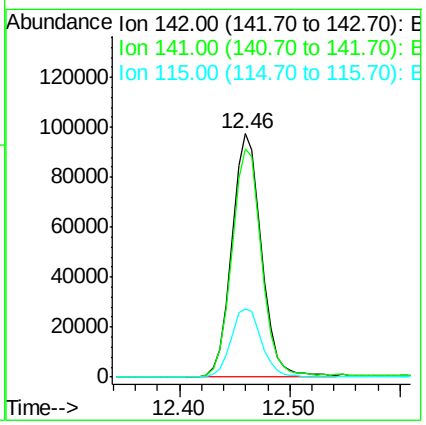


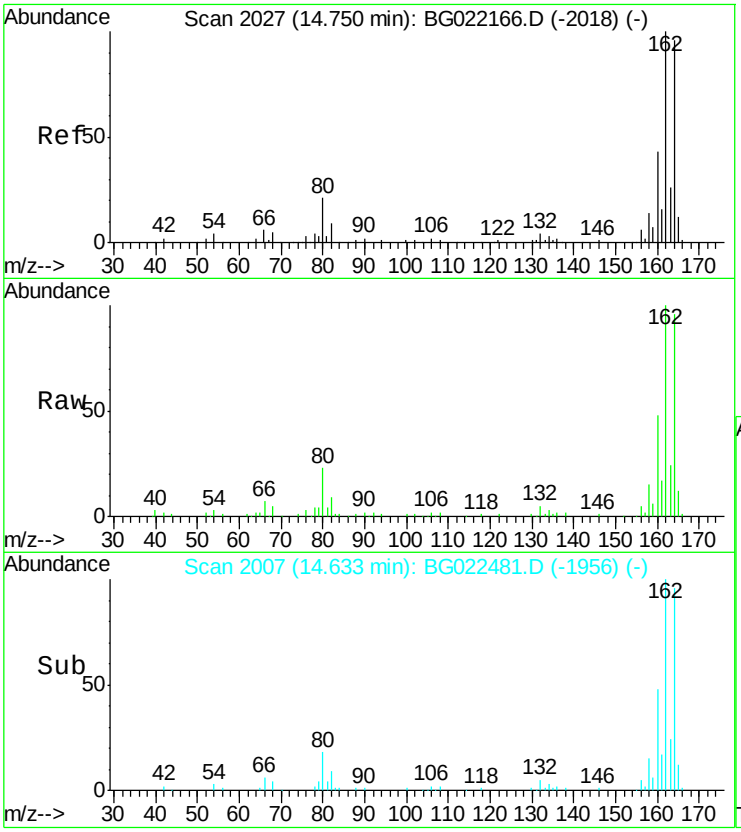




#37
2-Methylnaphthalene
Concen: 42.36 ng
RT: 12.46 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:142 Resp: 183898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.0 | 71.4 | 107.0 |
| 115 | 27.8 | 27.4 | 41.2 |



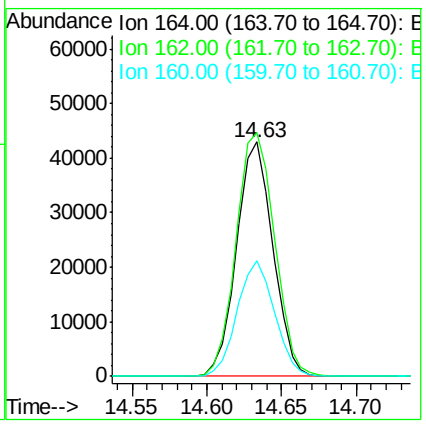


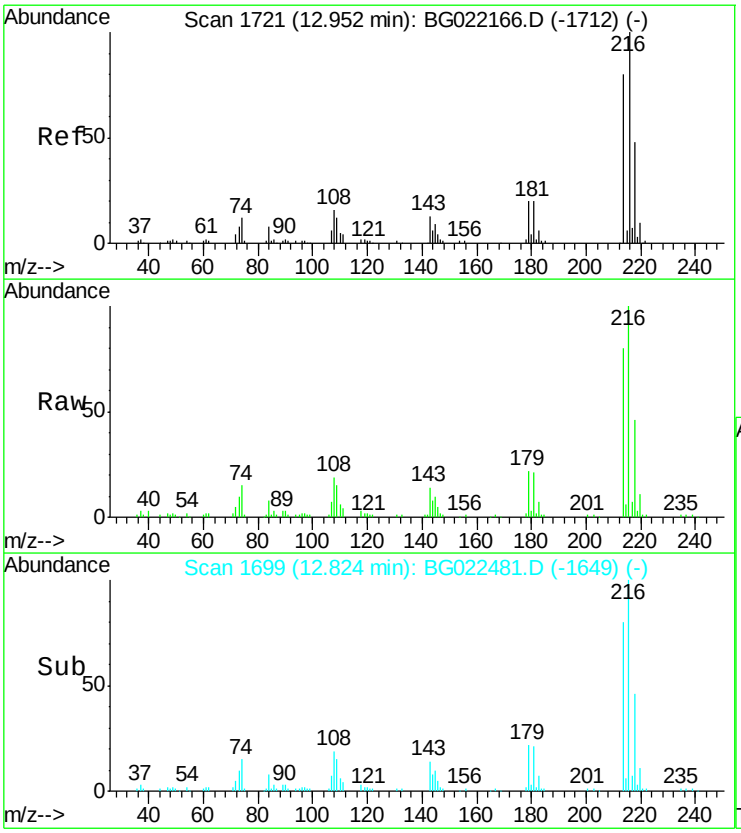

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:164 Resp: 72401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 78.0 | 117.0 |
| 160 | 49.6 | 32.9 | 49.3# |

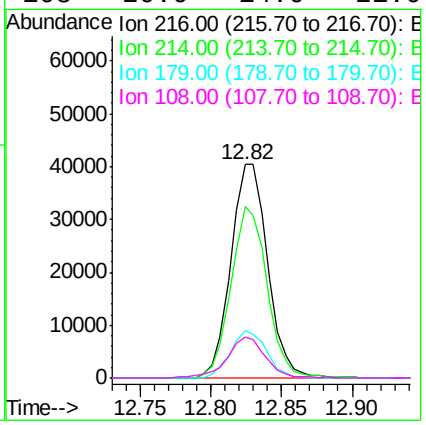


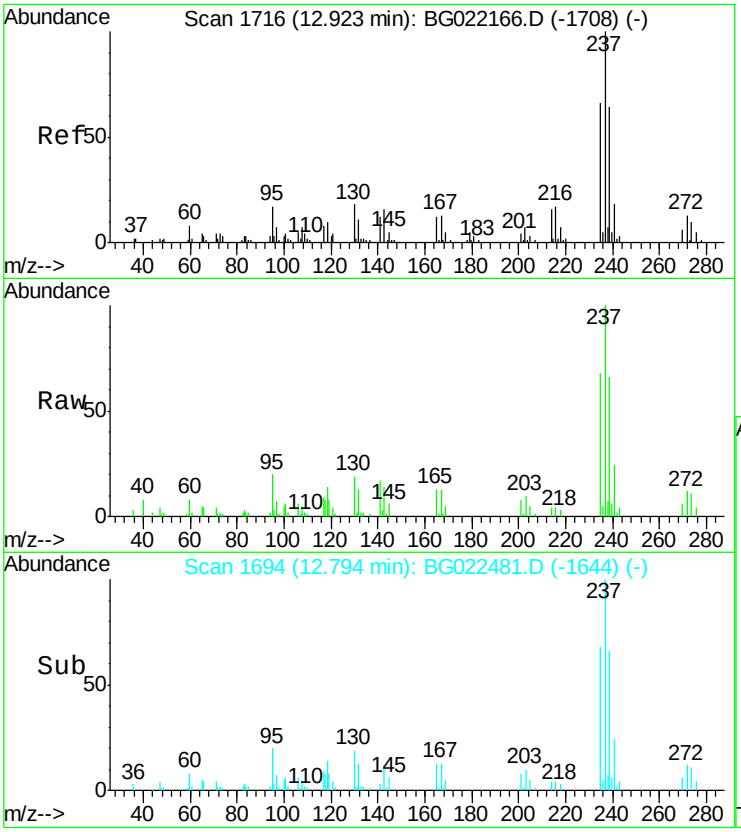




#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.46 ng
RT: 12.82 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:216 Resp: 73536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 62.2 | 93.2 |
| 179 | 21.8 | 16.7 | 25.1 |
| 108 | 20.0 | 14.0 | 21.0 |



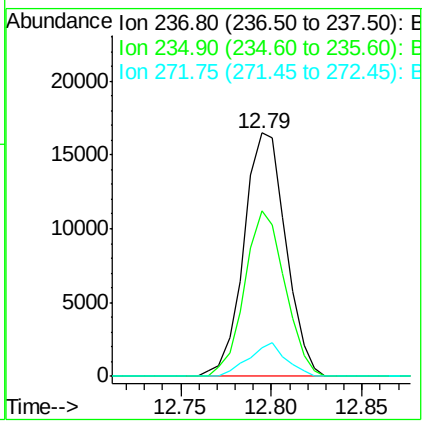


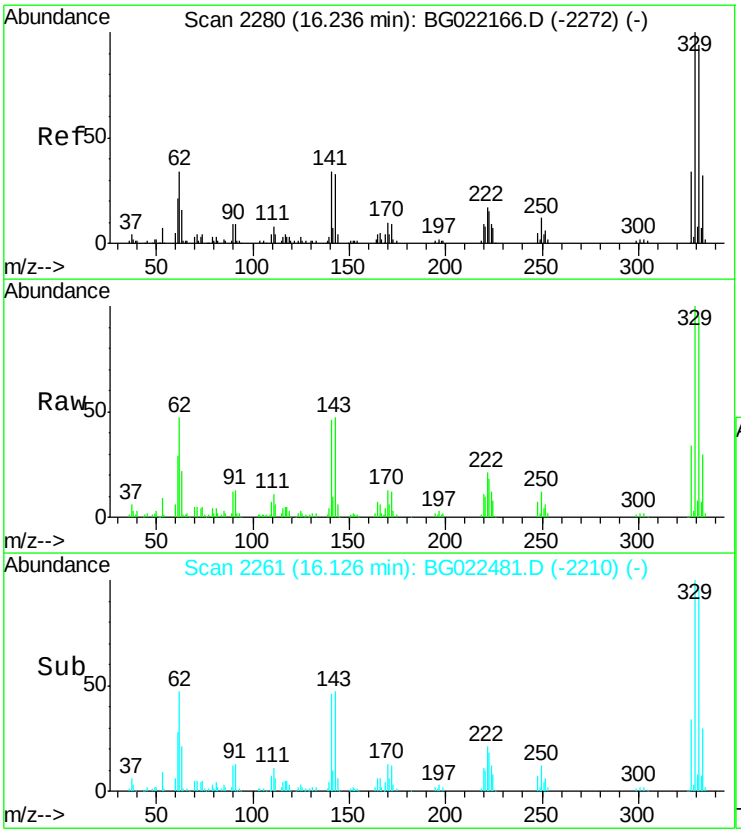

#40
Hexachlorocyclopentadiene
Concen: 31.42 ng
RT: 12.79 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:237 Resp: 26683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 67.9 | 43.2 | 83.2 |
| 272 | 11.7 | 0.0 | 33.4 |

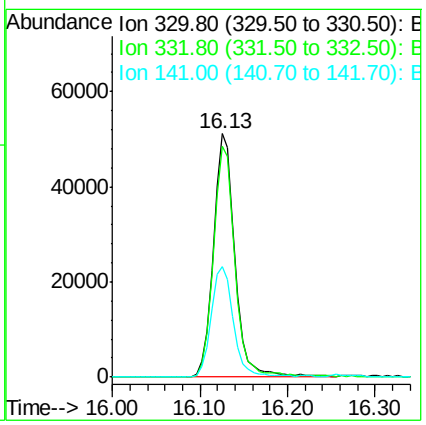


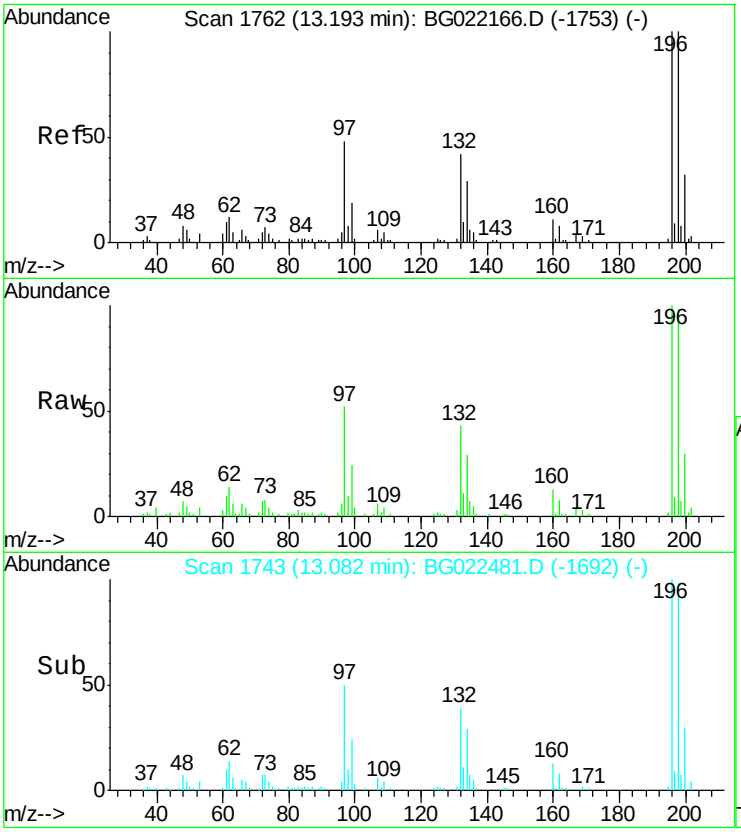




#41
2,4,6-Tribromophenol
Concen: 106.61 ng
RT: 16.13 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:330 Resp: 87215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.8 | 78.0 | 117.0 |
| 141 | 47.1 | 33.8 | 50.8 |



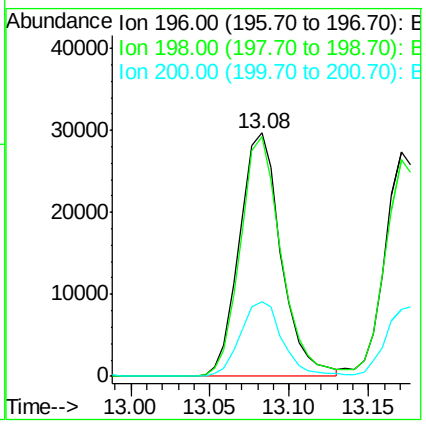


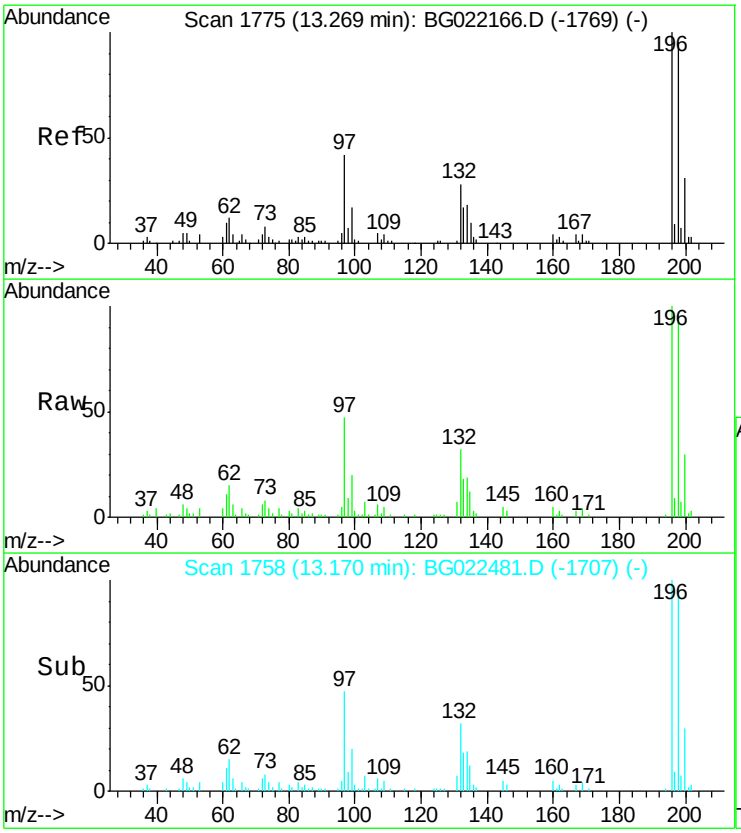

#42
2,4,6-Trichlorophenol
Concen: 43.39 ng
RT: 13.08 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:196 Resp: 54247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.4 | 80.1 | 120.1 |
| 200 | 30.4 | 24.1 | 36.1 |

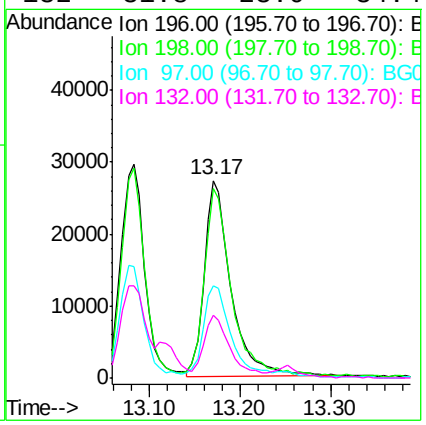


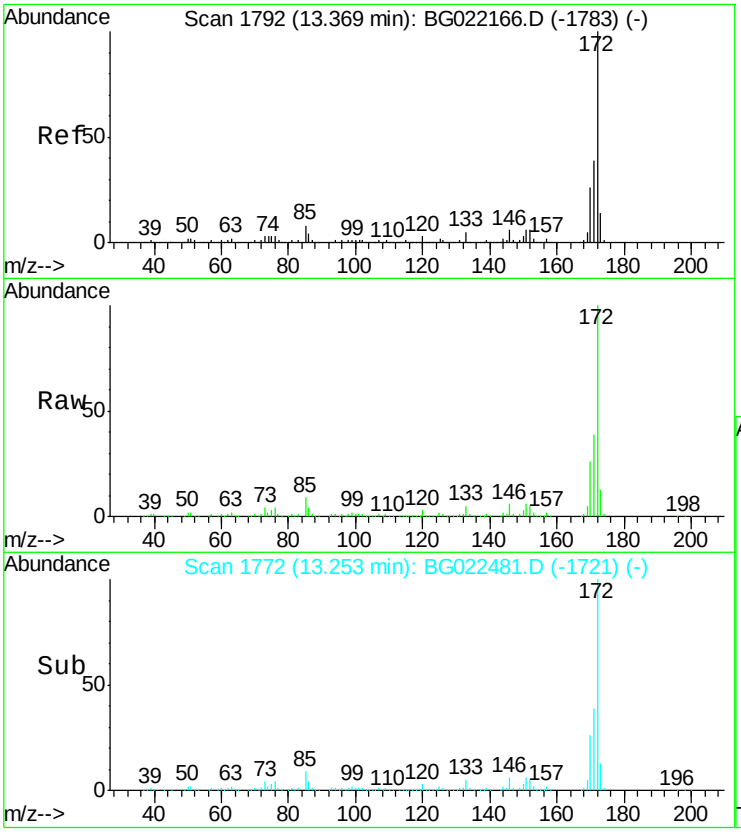




#43
2,4,5-Trichlorophenol
Concen: 40.88 ng
RT: 13.17 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:196 Resp: 56469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 78.0 | 117.0 |
| 97 | 46.7 | 43.0 | 64.6 |
| 132 | 31.8 | 23.0 | 34.4 |



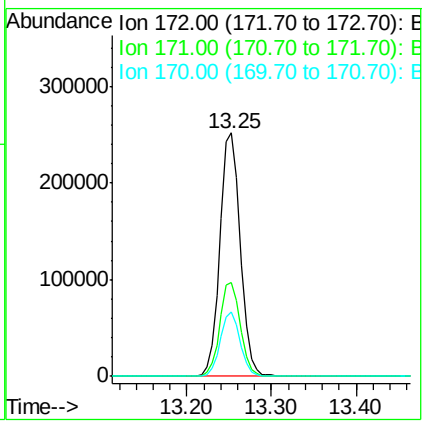


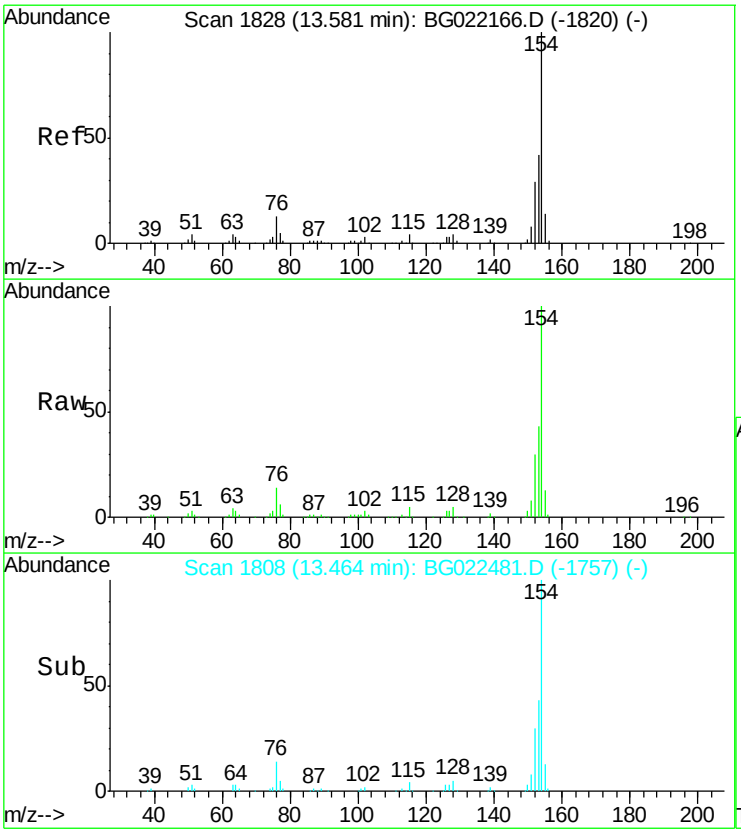

#44
2-Fluorobiphenyl
Concen: 88.59 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:172 Resp: 420885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.8 | 27.8 | 41.6 |
| 170 | 26.2 | 19.6 | 29.4 |

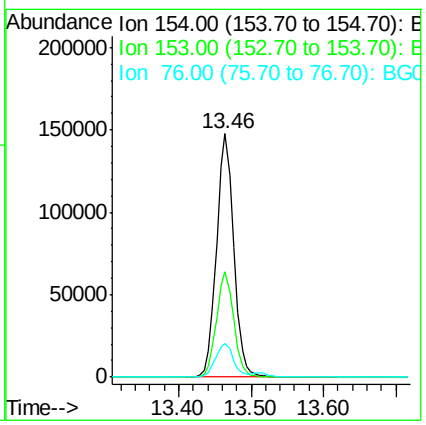


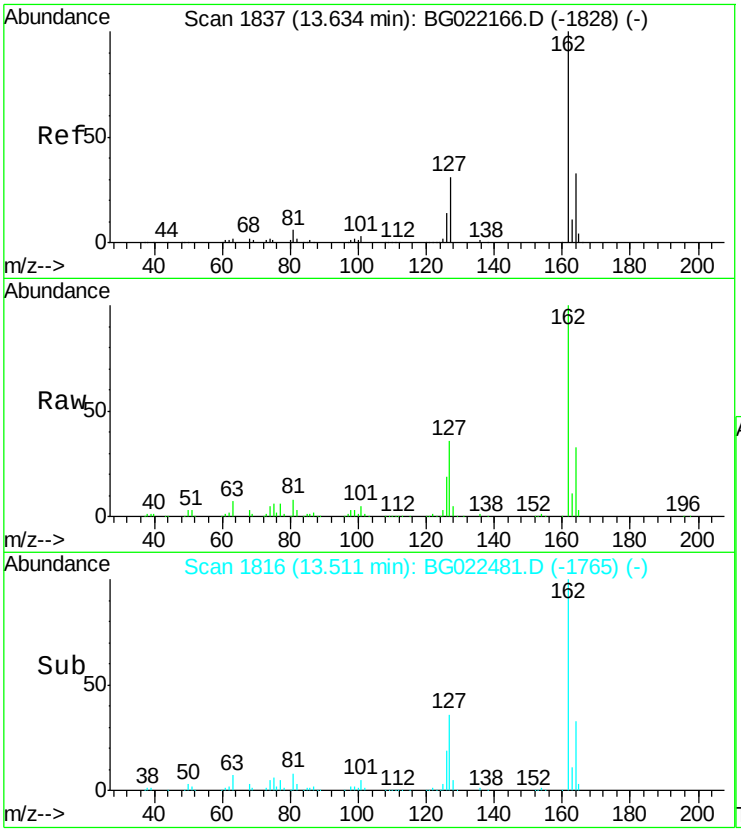




#45
1,1'-Biphenyl
Concen: 44.96 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:154 Resp: 244953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.0 | 19.7 | 59.7 |
| 76 | 13.9 | 0.0 | 33.0 |



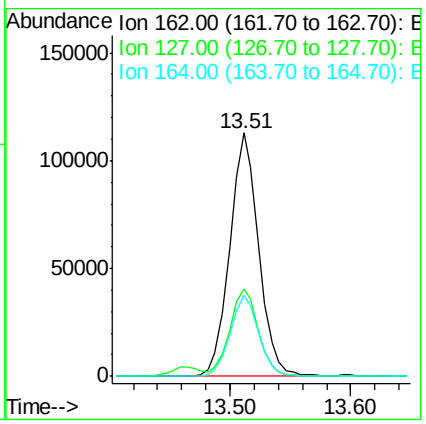


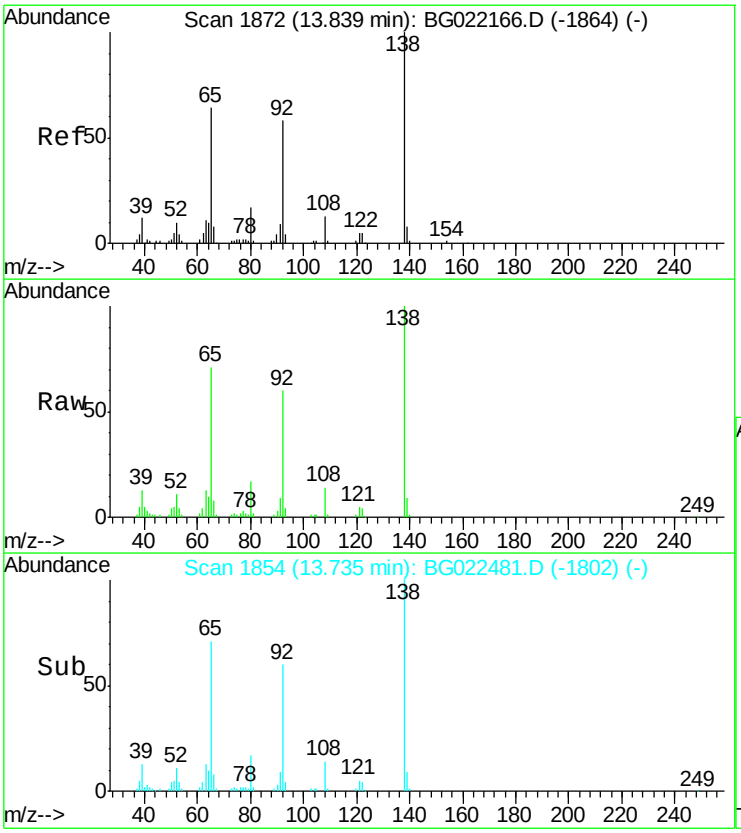

#46
2-Chloronaphthalene
Concen: 44.88 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:162 Resp: 187447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.0 | 32.0 | 48.0 |
| 164 | 33.3 | 27.0 | 40.4 |

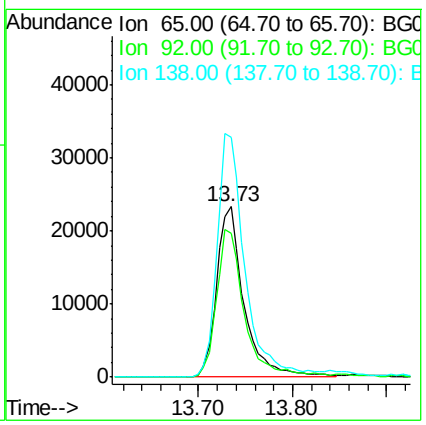


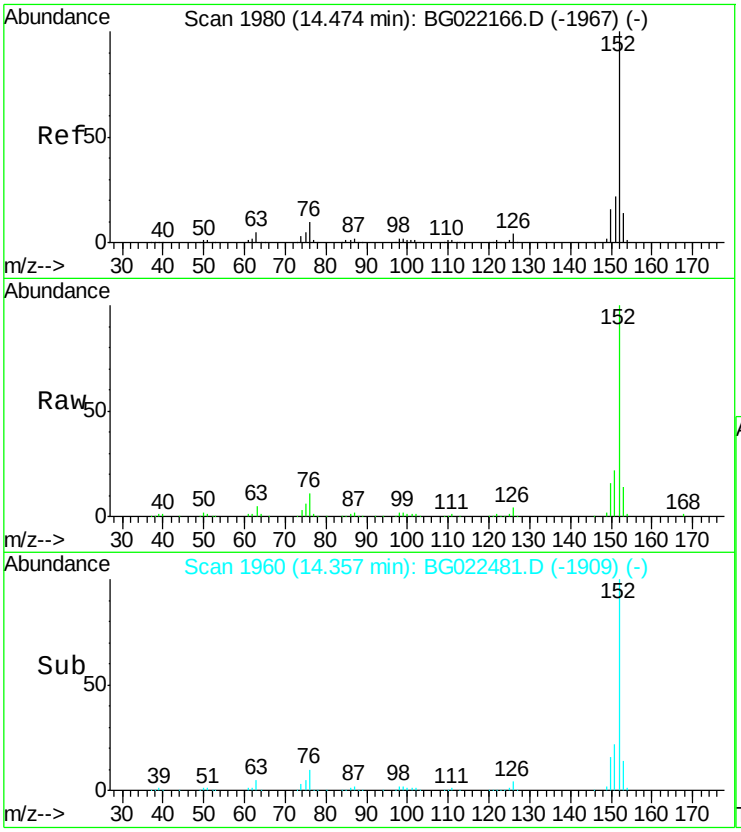




#47
2-Nitroaniline
Concen: 47.67 ng
RT: 13.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion: 65 Resp: 47472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 84.4 | 49.2 | 73.8# |
| 138 | 140.6 | 75.0 | 112.6# |



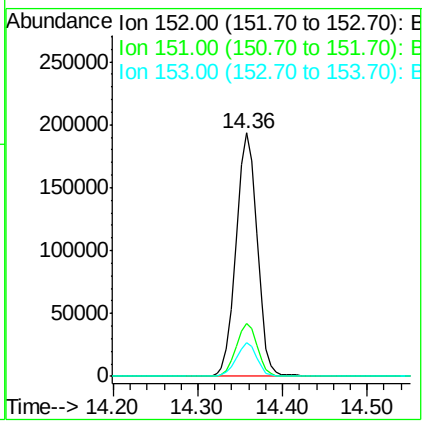


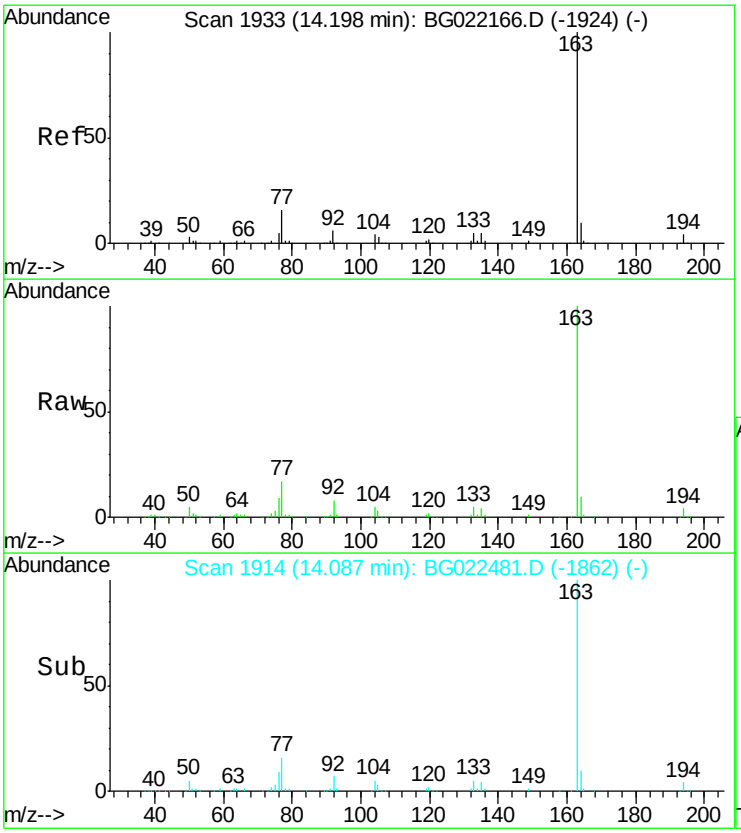

#48
Acenaphthylene
Concen: 45.22 ng
RT: 14.36 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:152 Resp: 331426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.0 | 16.6 | 24.8 |
| 153 | 13.7 | 10.2 | 15.2 |

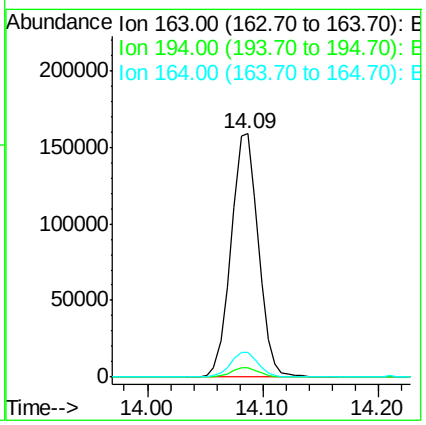


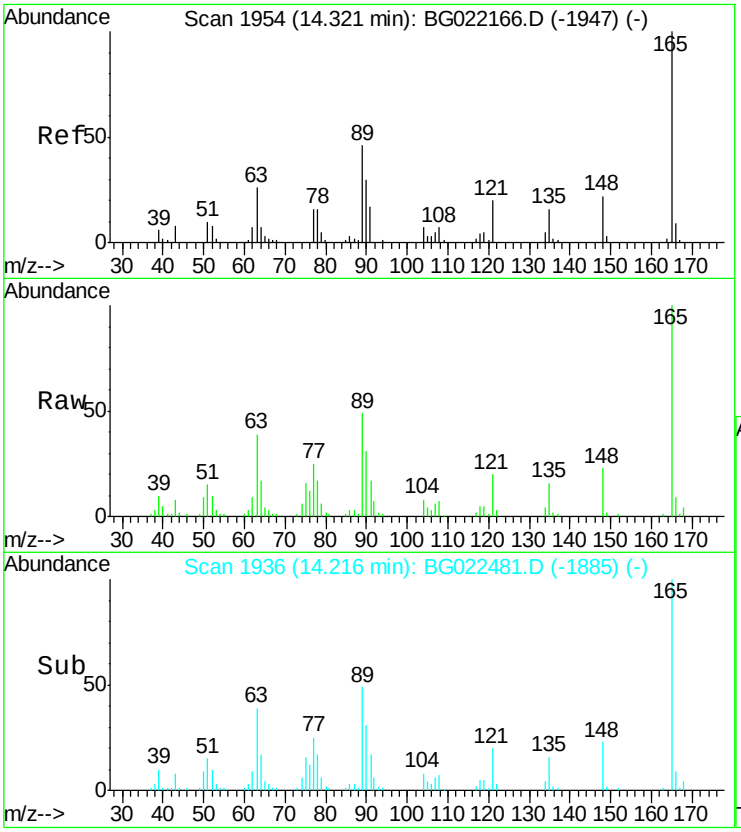




#49
Dimethylphthalate
Concen: 43.40 ng
RT: 14.09 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:163 Resp: 260531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.0 | 4.6 |
| 164 | 10.1 | 8.1 | 12.1 |



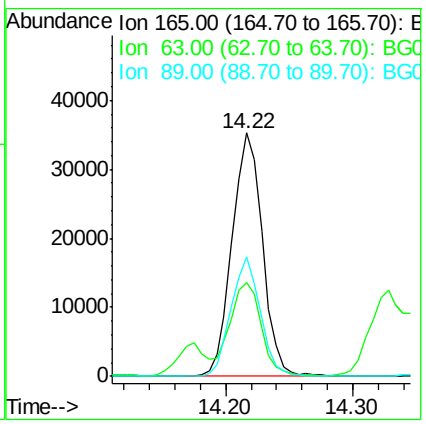


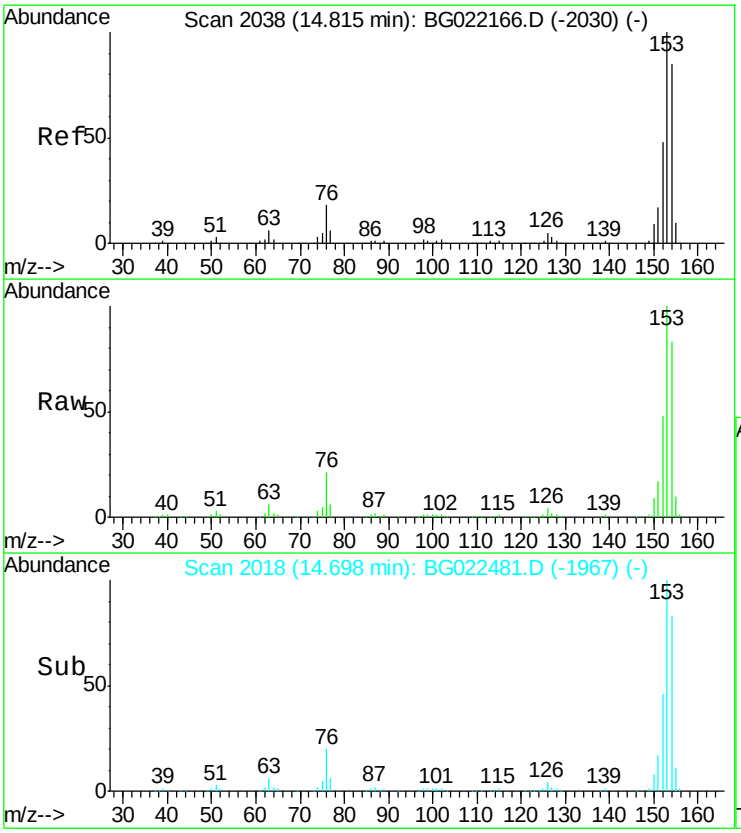

#50
2,6-Dinitrotoluene
Concen: 44.76 ng
RT: 14.22 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:165 Resp: 58418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.6 | 48.2 | 72.4# |
| 89 | 49.1 | 45.3 | 67.9 |

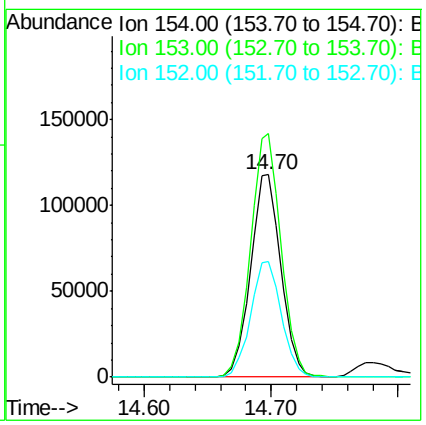


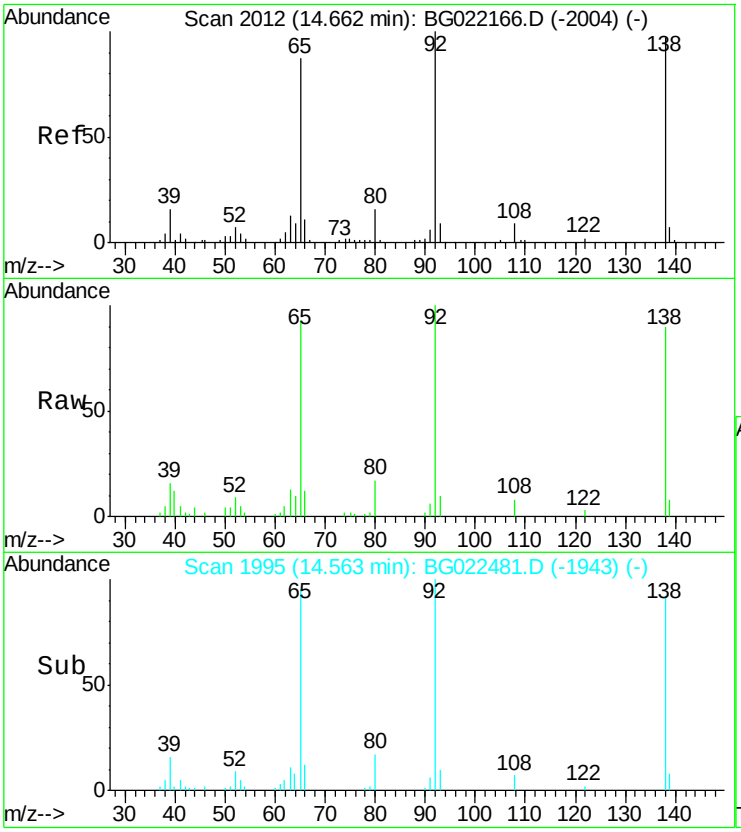




#51
Acenaphthene
Concen: 44.66 ng
RT: 14.70 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:154 Resp: 196096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 120.5 | 91.9 | 137.9 |
| 152 | 57.3 | 42.0 | 63.0 |



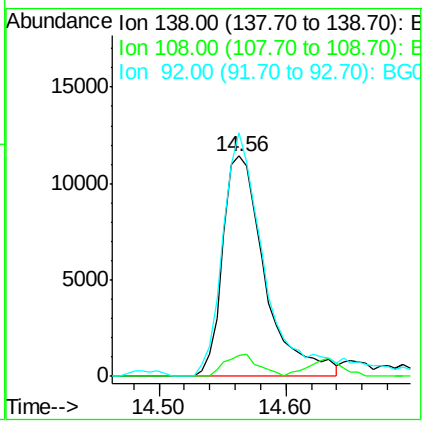


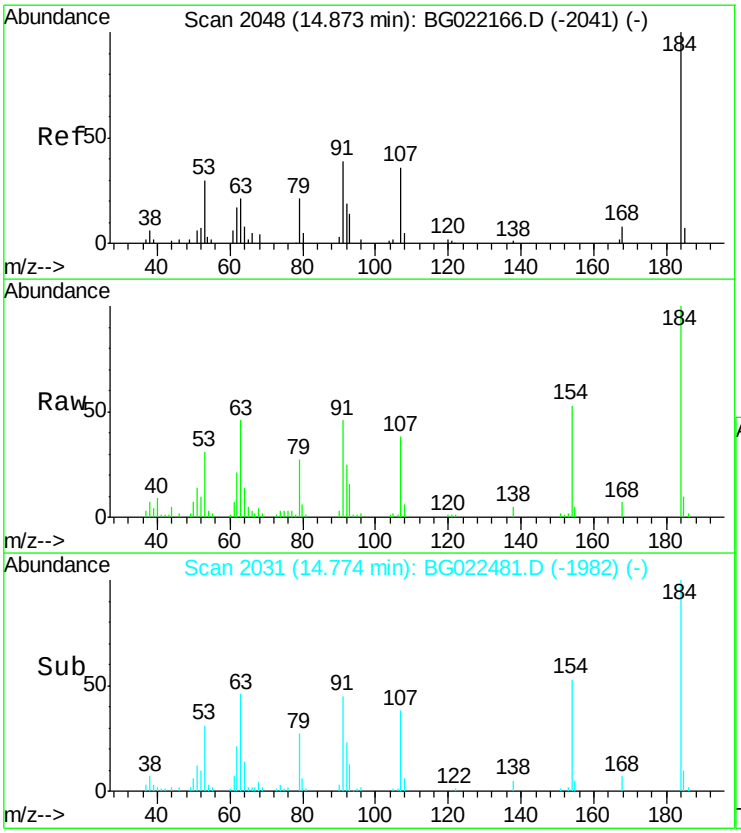

#52
3-Nitroaniline
Concen: 18.27 ng
RT: 14.56 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:138 Resp: 26442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.2 | 9.1 | 13.7 |
| 92 | 110.5 | 102.6 | 154.0 |

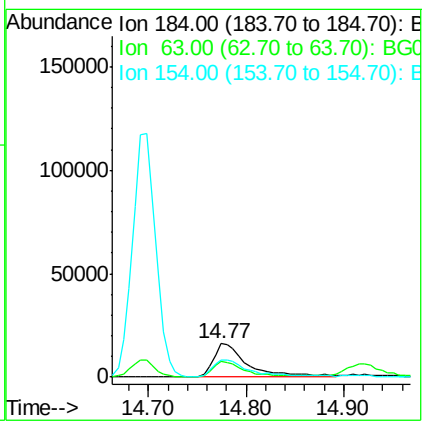


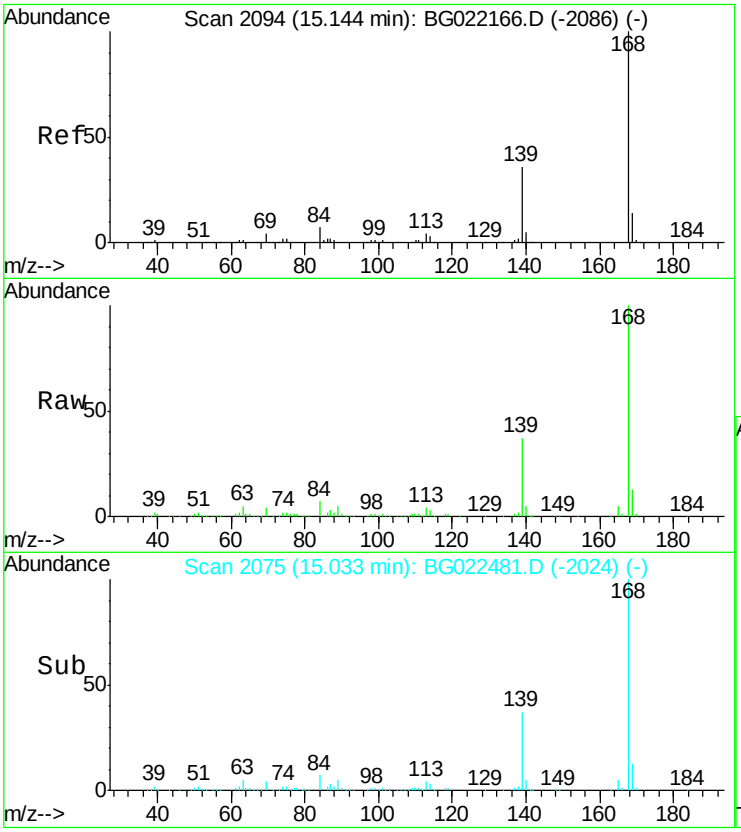




#53
2,4-Dinitrophenol
Concen: 75.54 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:184 Resp: 39878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 46.0 | 57.3 | 85.9# |
| 154 | 52.5 | 55.2 | 82.8# |



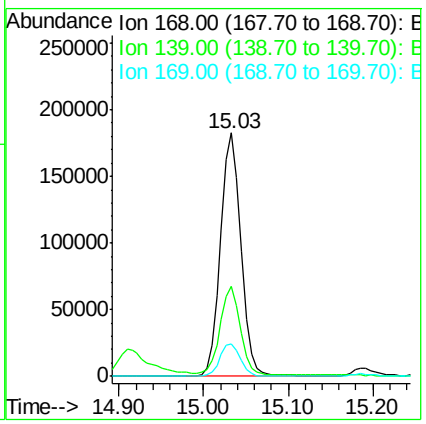


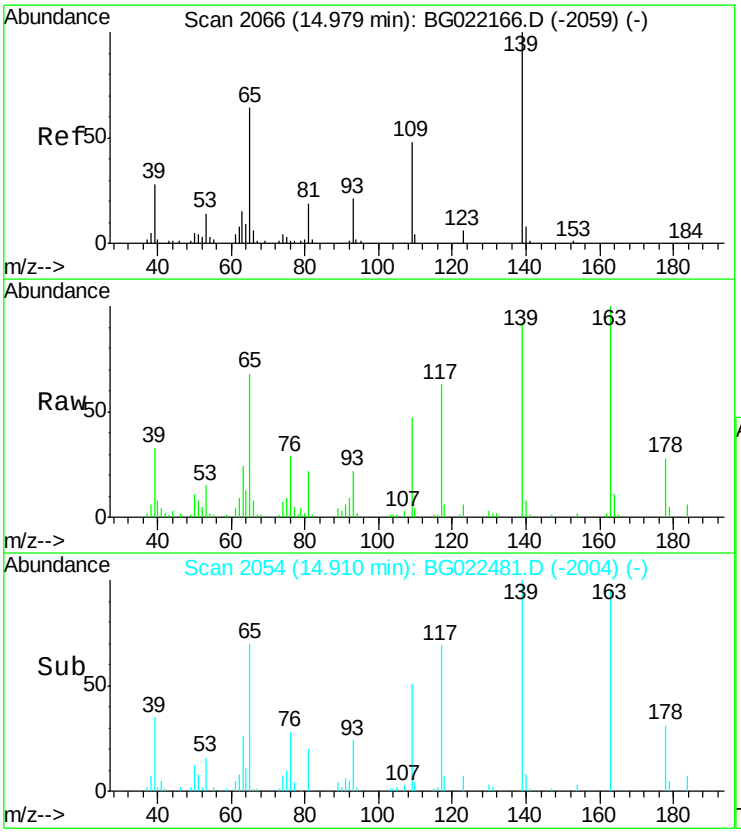

#54
Dibenzofuran
Concen: 44.77 ng
RT: 15.03 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:168 Resp: 306779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 31.1 | 46.7 |
| 169 | 13.4 | 11.0 | 16.6 |

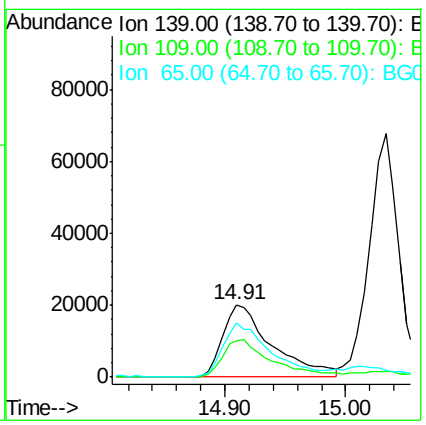


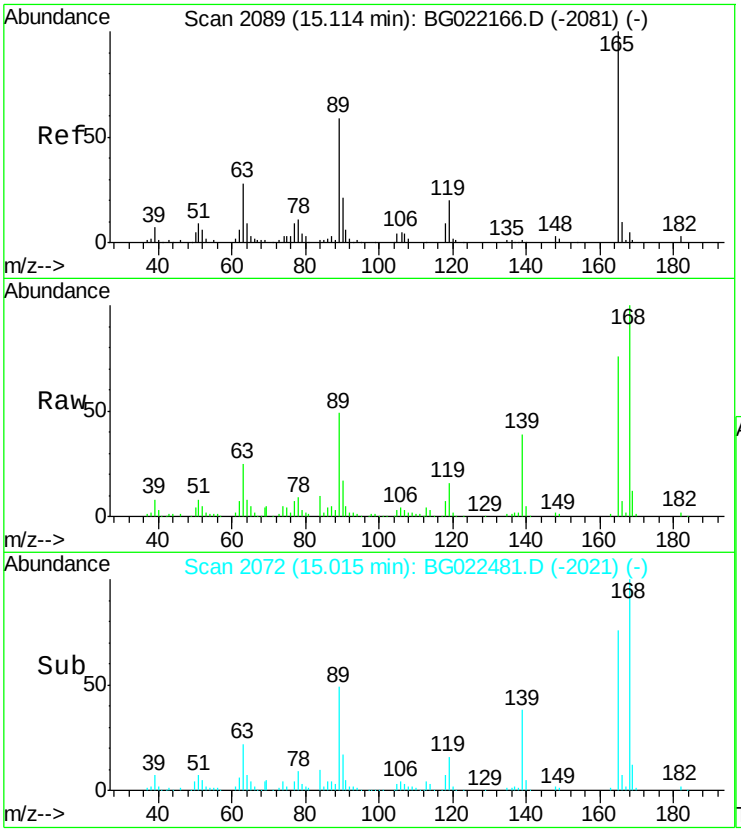




#55
4-Nitrophenol
Concen: 56.87 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:139 Resp: 56810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 50.8 | 49.2 | 89.2 |
| 65 | 74.4 | 83.2 | 123.2# |



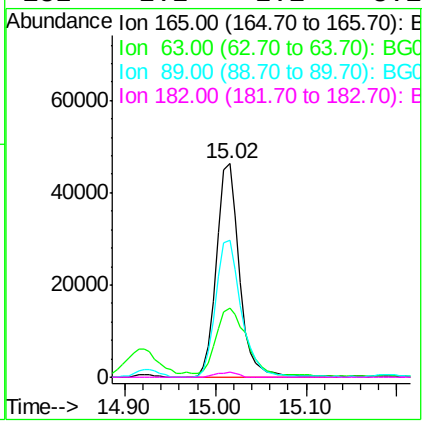


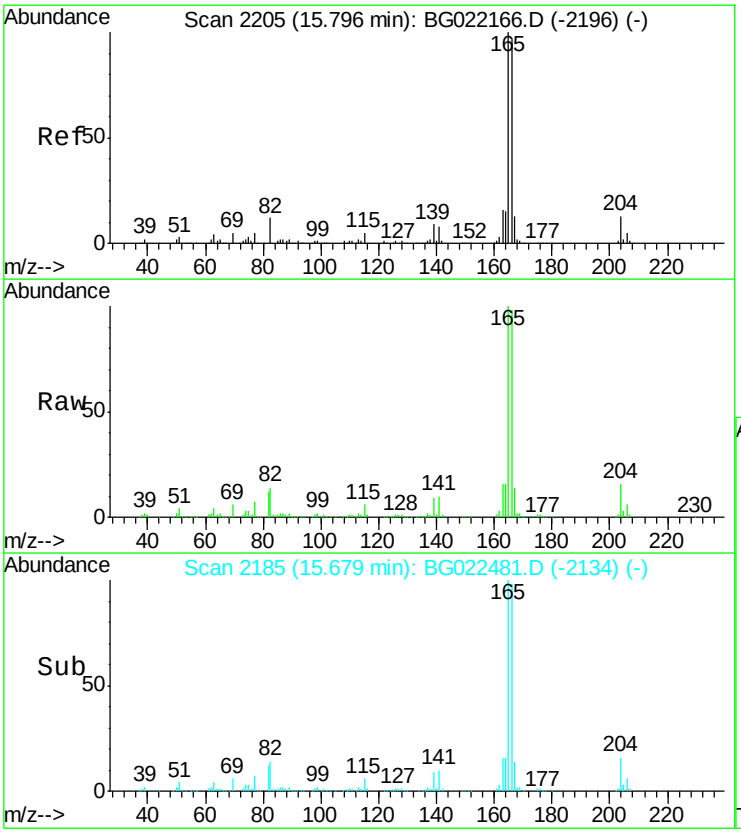

#56
2,4-Dinitrotoluene
Concen: 46.29 ng
RT: 15.02 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:165 Resp: 81035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.2 | 37.4 | 56.0# |
| 89 | 64.1 | 59.4 | 89.0 |
| 182 | 2.2 | 2.1 | 3.1 |

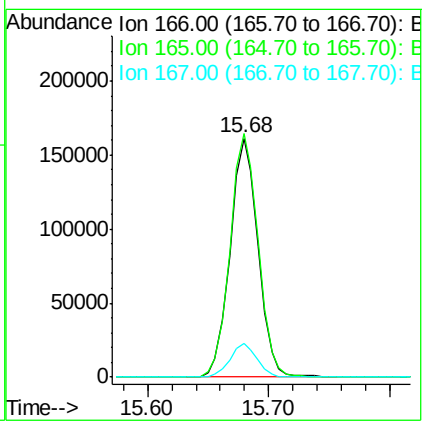


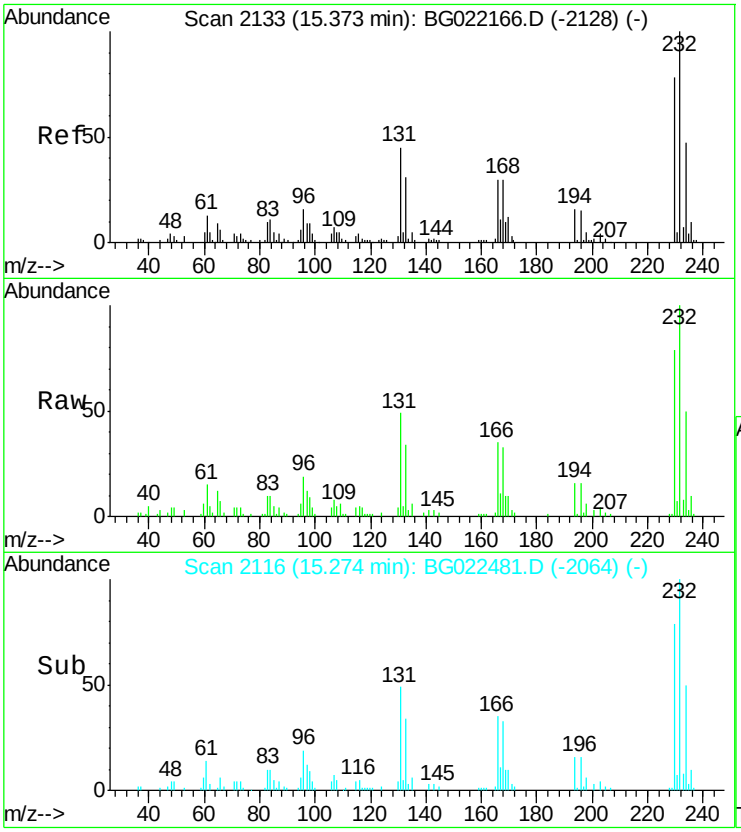




#57
Fluorene
Concen: 43.91 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:166 Resp: 259193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.9 | 79.0 | 118.4 |
| 167 | 13.9 | 10.7 | 16.1 |



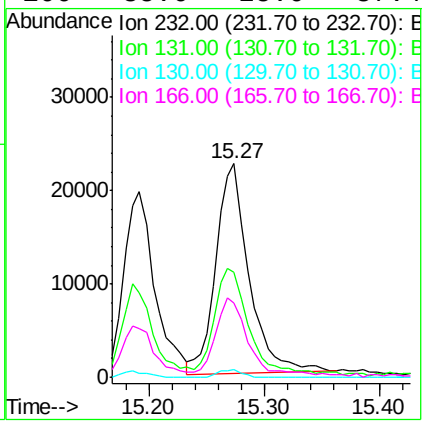


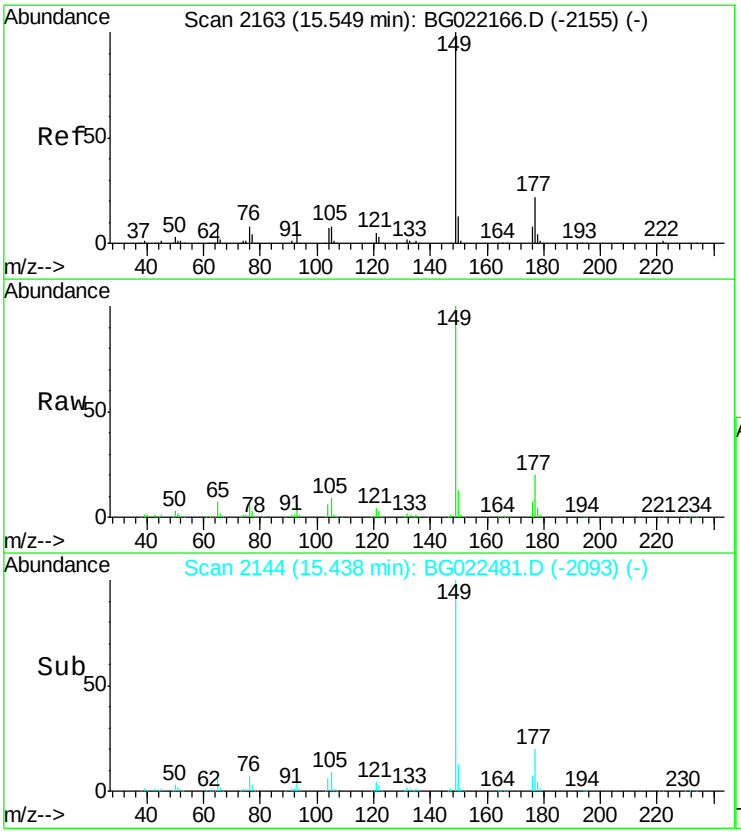

#58
2,3,4,6-Tetrachlorophenol
Concen: 35.93 ng
RT: 15.27 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:232 Resp: 44517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 54.2 | 36.3 | 54.5 |
| 130 | 2.5 | 1.9 | 2.9 |
| 166 | 35.6 | 25.0 | 37.4 |

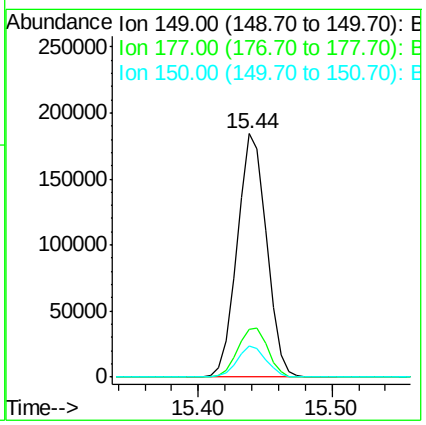


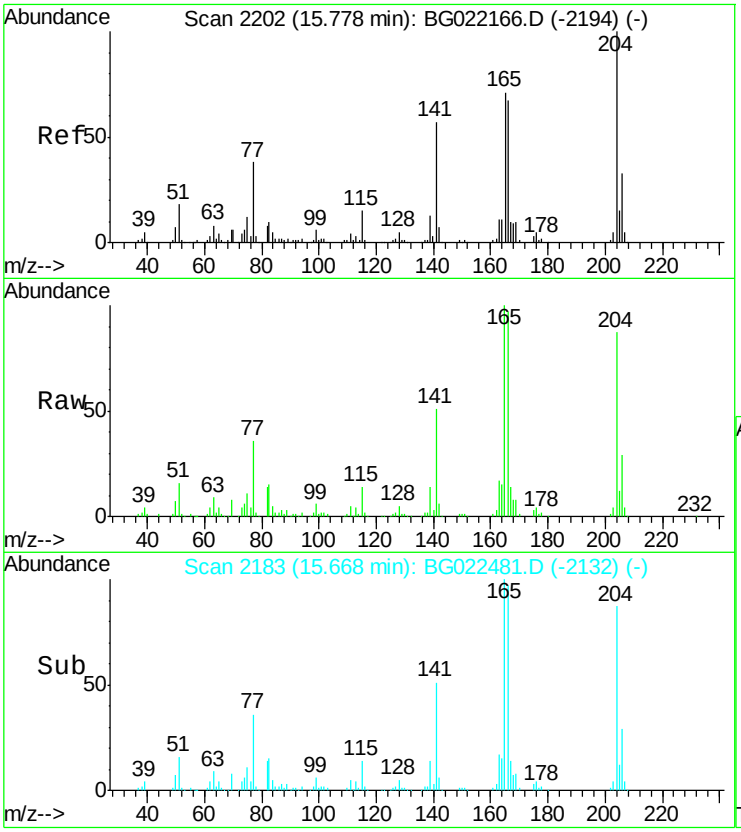




#59
Diethylphthalate
Concen: 43.60 ng
RT: 15.44 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:149 Resp: 279600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.8 | 17.3 | 25.9 |
| 150 | 12.9 | 9.7 | 14.5 |



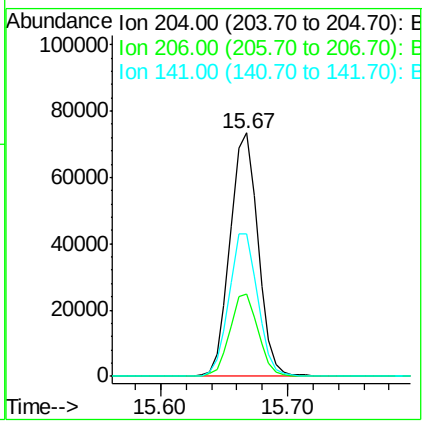


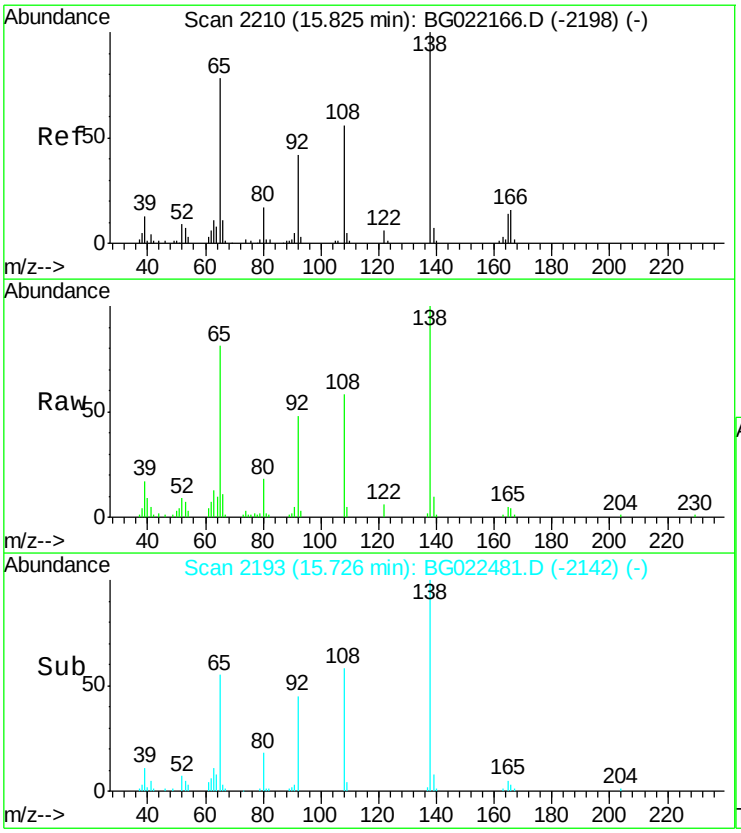

#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 15.67 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:204 Resp: 111603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.0 | 27.8 | 41.8 |
| 141 | 58.4 | 51.0 | 76.4 |

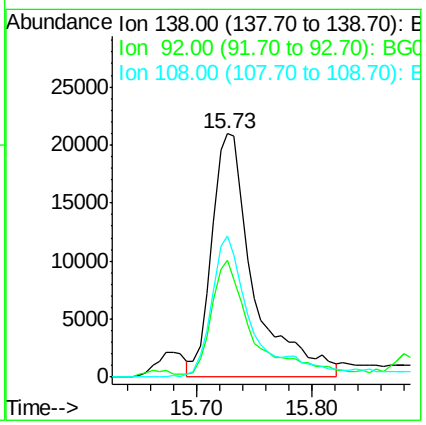


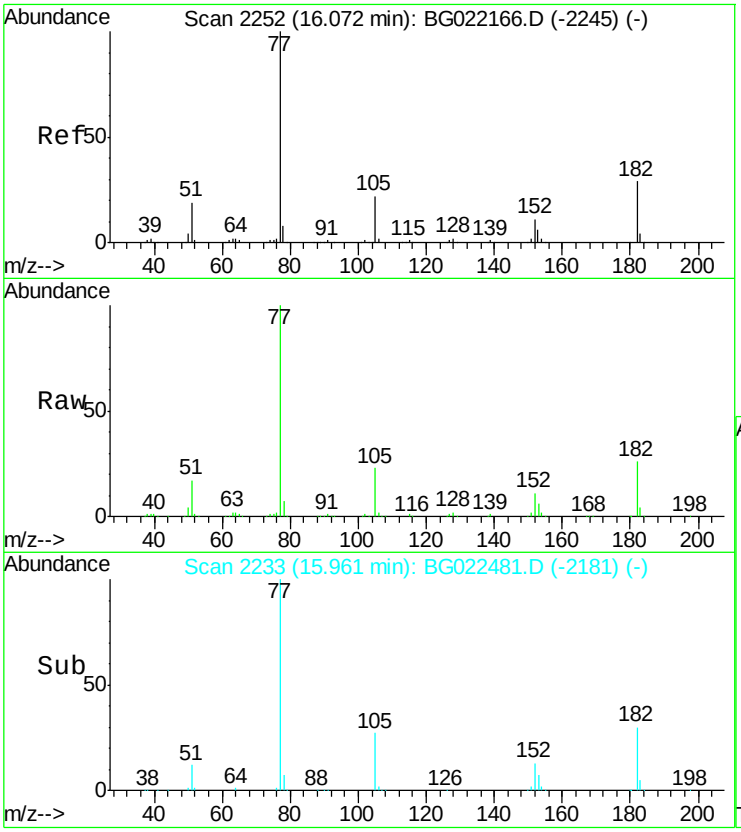




#61
4-Nitroaniline
Concen: 34.40 ng m
RT: 15.73 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:138 Resp: 52805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.0 | 37.7 | 77.7 |
| 108 | 58.1 | 59.4 | 99.4# |



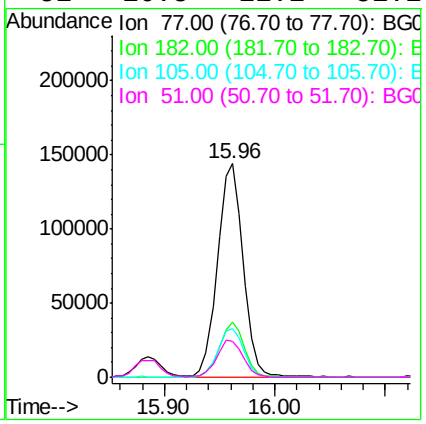


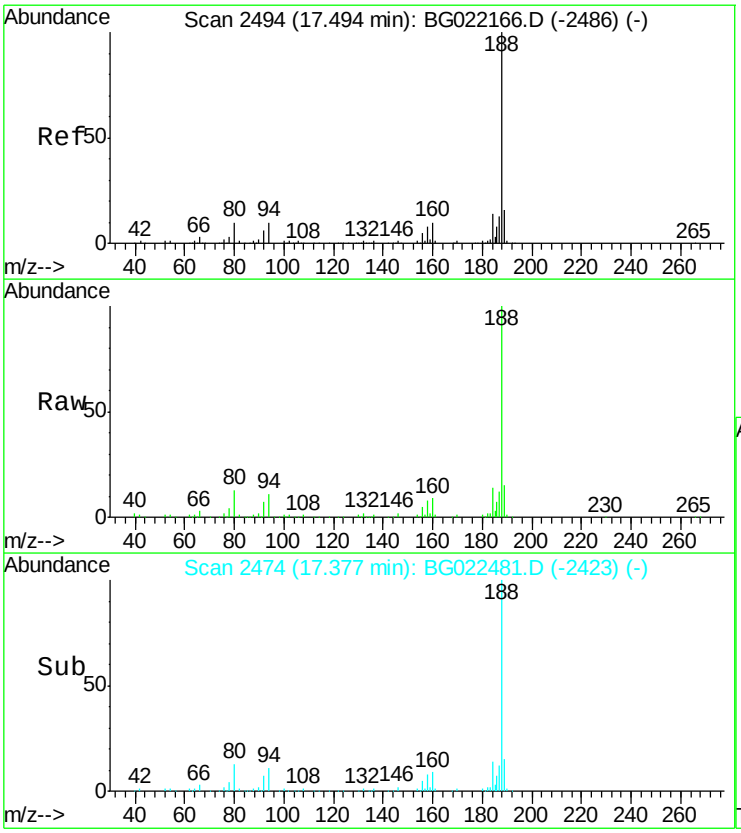

#62
Azobenzene
Concen: 47.74 ng
RT: 15.96 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion: 77 Resp: 231851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.8 | 4.1 | 44.1 |
| 105 | 22.7 | 0.0 | 39.8 |
| 51 | 16.8 | 11.1 | 51.1 |

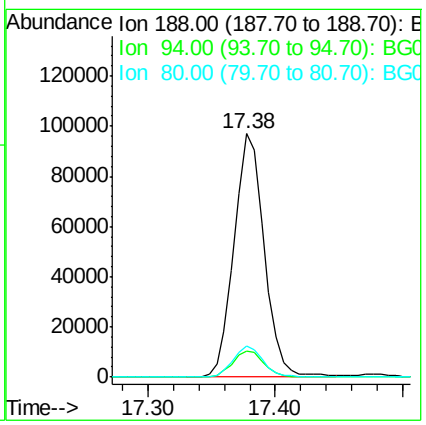


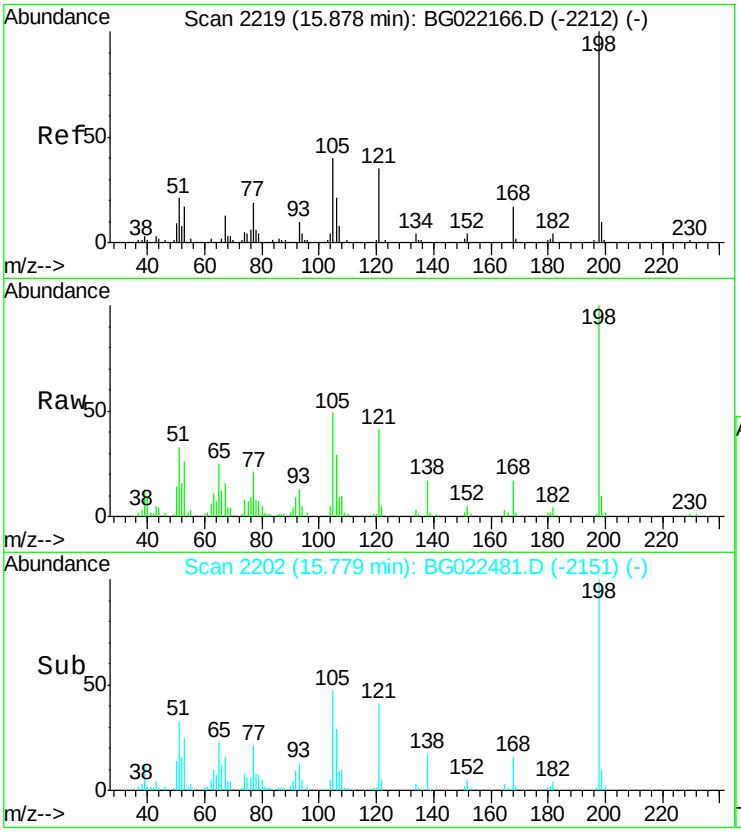




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:188 Resp: 160178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 7.5 | 11.3 |
| 80 | 12.7 | 8.6 | 13.0 |



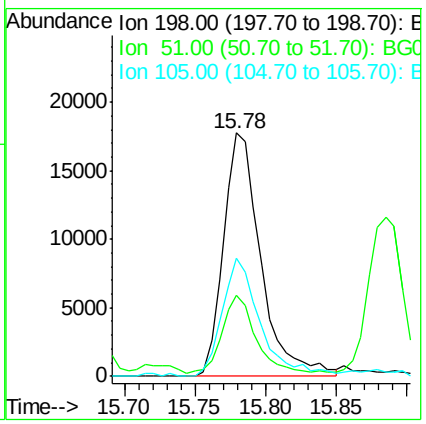


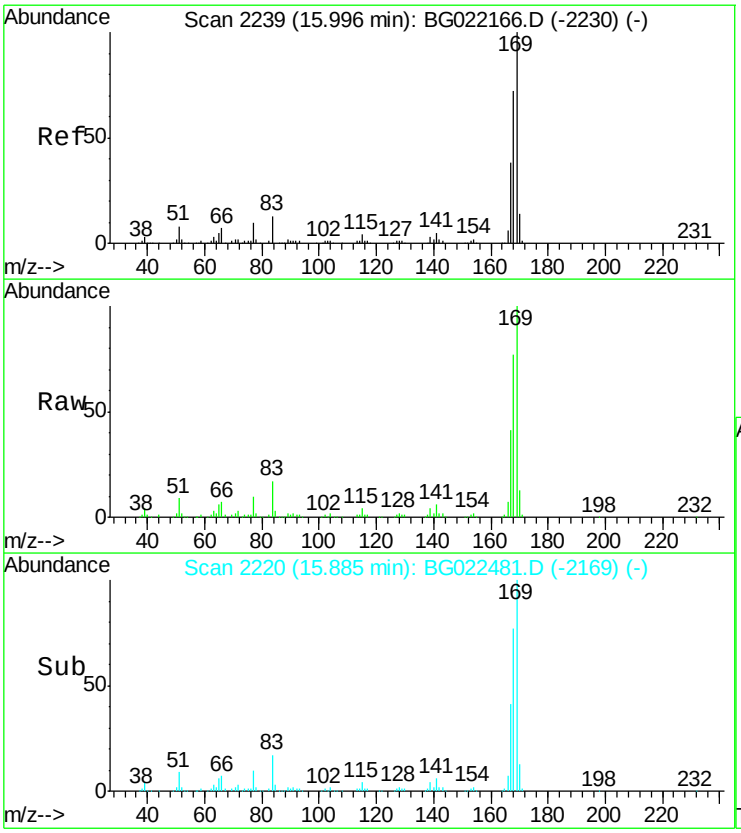

#64
4,6-Dinitro-2-methylphenol
Concen: 41.17 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:198 Resp: 32726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 33.3 | 29.2 | 69.2 |
| 105 | 48.5 | 24.0 | 64.0 |

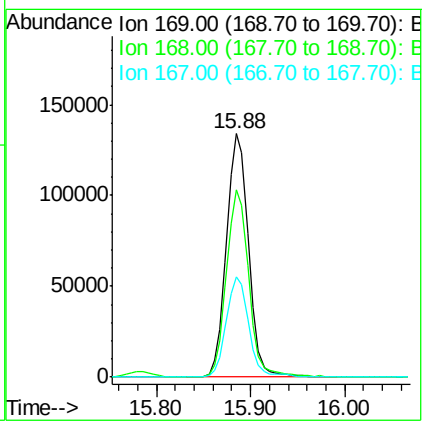


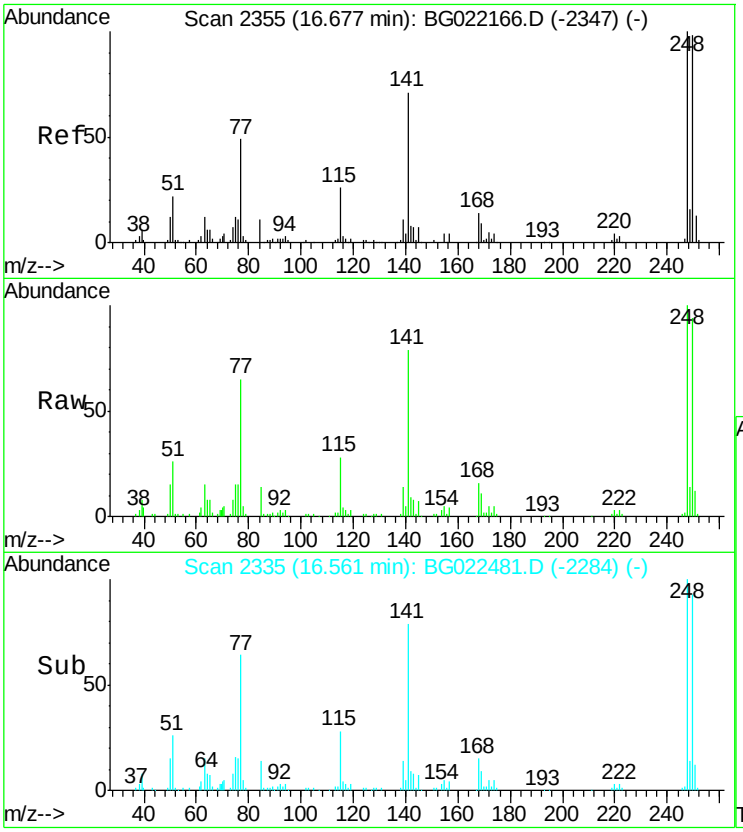




#65
n-Nitrosodiphenylamine
Concen: 47.44 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:169 Resp: 218878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 76.9 | 59.6 | 89.4 |
| 167 | 41.4 | 31.2 | 46.8 |



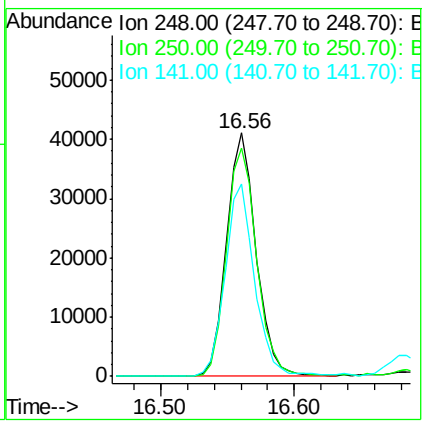


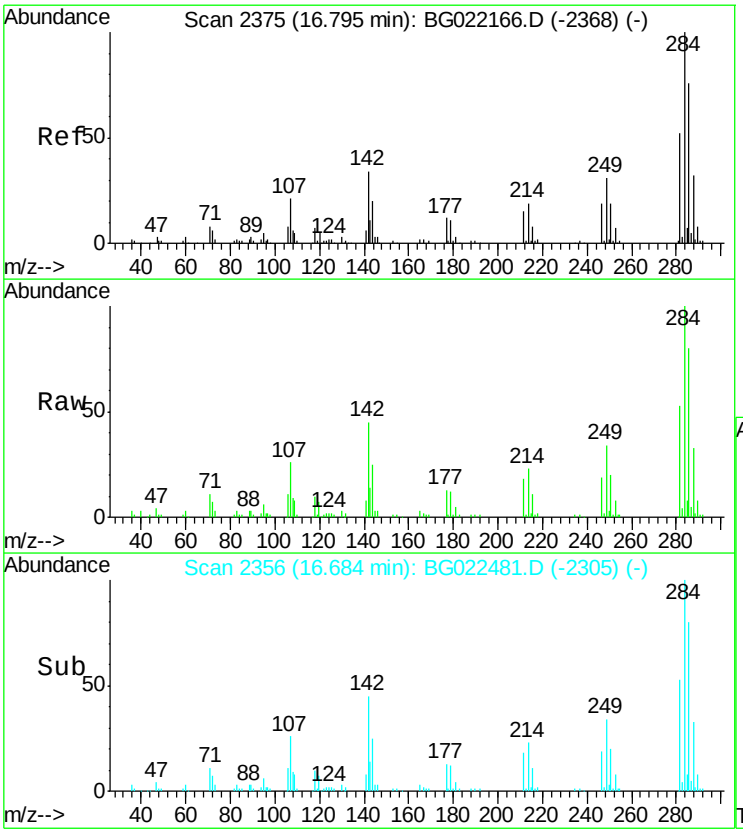

#66
4-Bromophenyl-phenylether
Concen: 42.49 ng
RT: 16.56 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:248 Resp: 63771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.5 | 76.6 | 114.8 |
| 141 | 79.2 | 63.8 | 95.6 |

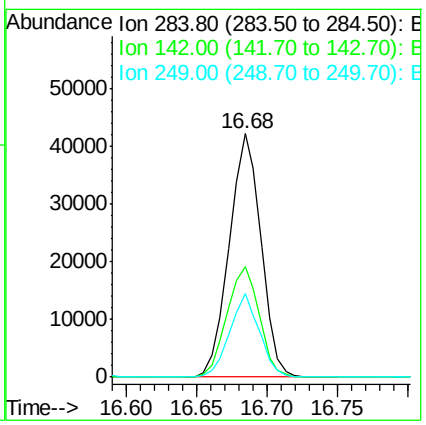


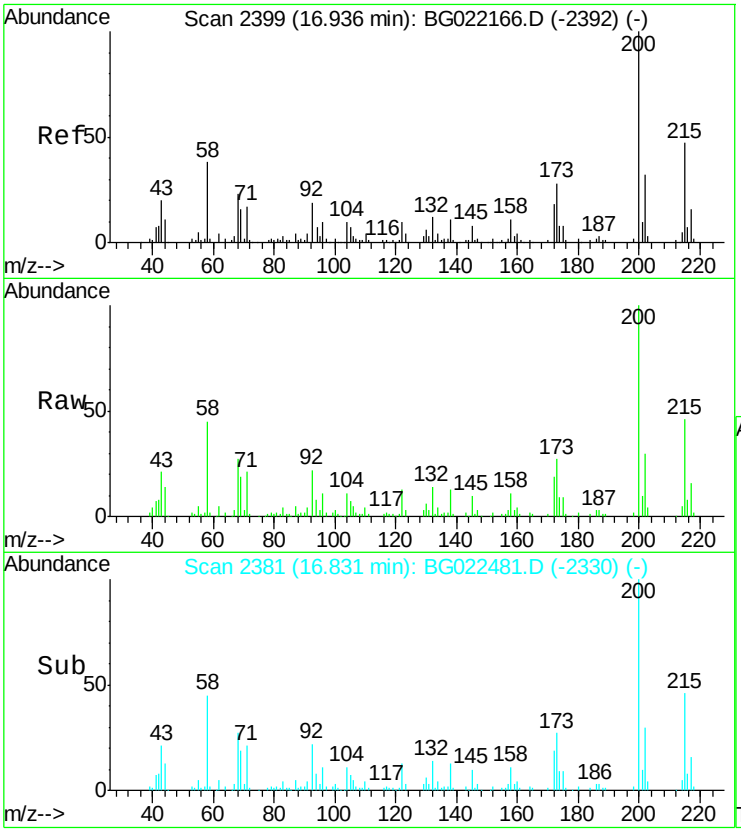




#67
Hexachlorobenzene
Concen: 37.72 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:284 Resp: 65977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 45.3 | 31.8 | 47.6 |
| 249 | 36.9 | 27.3 | 40.9 |



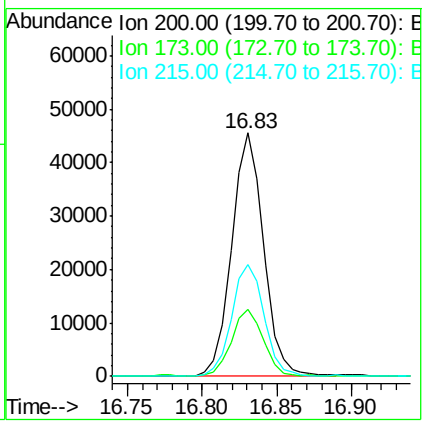


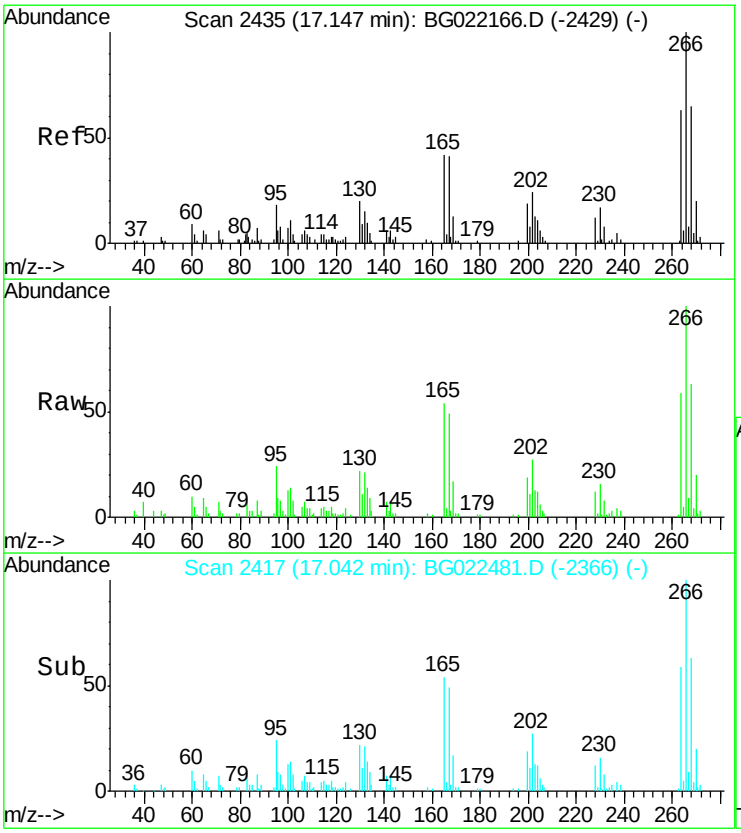

#68
Atrazine
Concen: 39.81 ng
RT: 16.83 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:200 Resp: 67993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.4 | 5.1 | 45.1 |
| 215 | 46.1 | 28.0 | 68.0 |

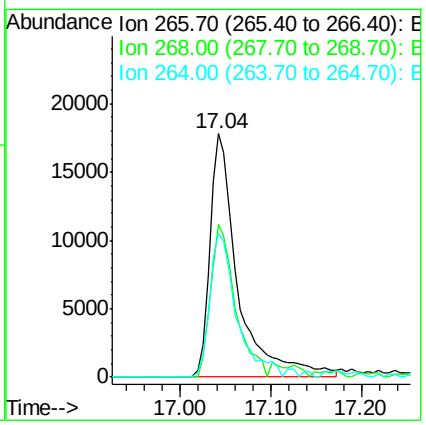


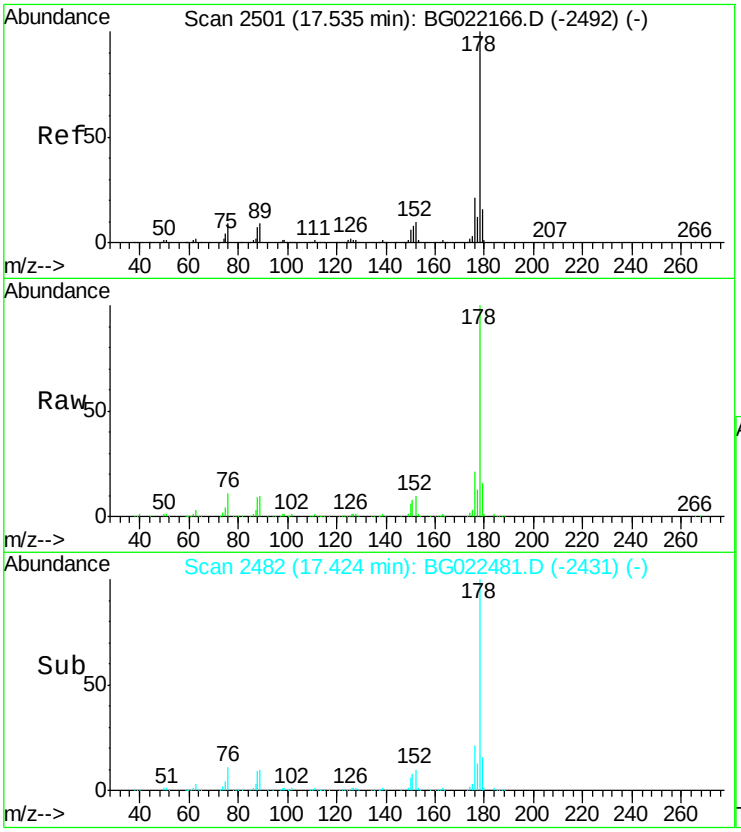




#69
Pentachlorophenol
Concen: 50.84 ng
RT: 17.04 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:266 Resp: 38177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.6 | 54.5 | 81.7 |
| 264 | 64.4 | 53.8 | 80.6 |



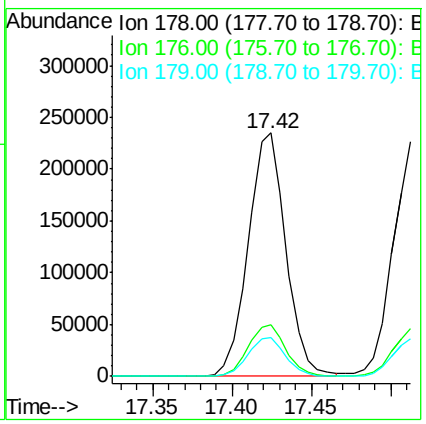


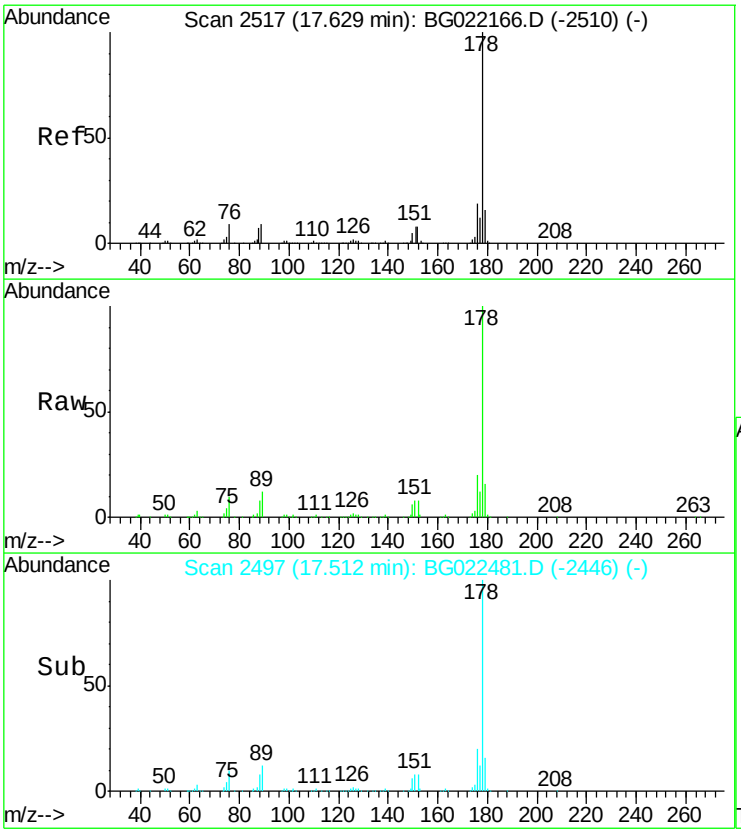

#70
Phenanthrene
Concen: 44.54 ng
RT: 17.42 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:178 Resp: 387465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.3 | 16.2 | 24.4 |
| 179 | 16.0 | 12.0 | 18.0 |

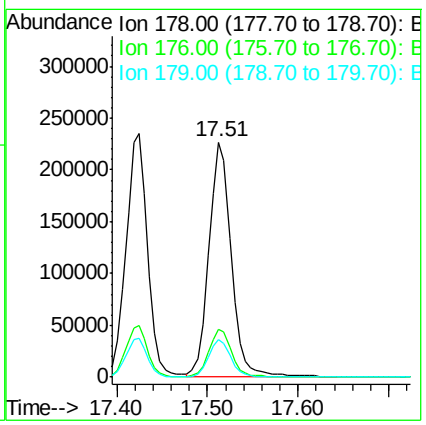


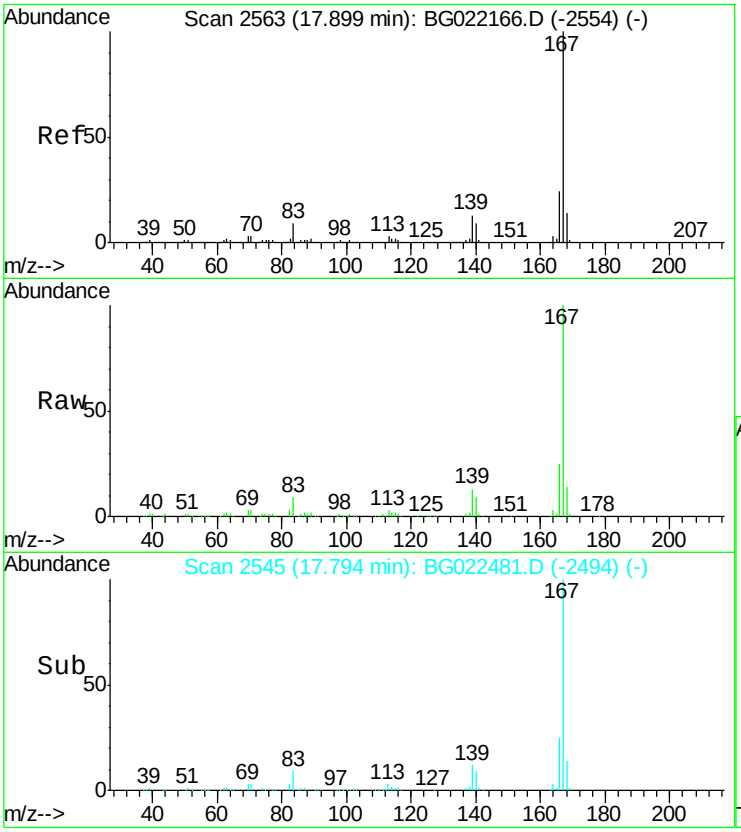




#71
Anthracene
Concen: 44.54 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:178 Resp: 384292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 15.0 | 22.4 |
| 179 | 16.2 | 12.2 | 18.4 |



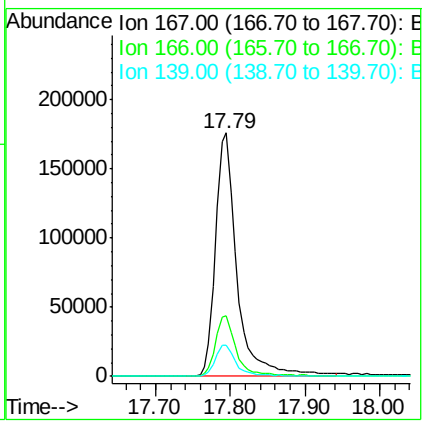


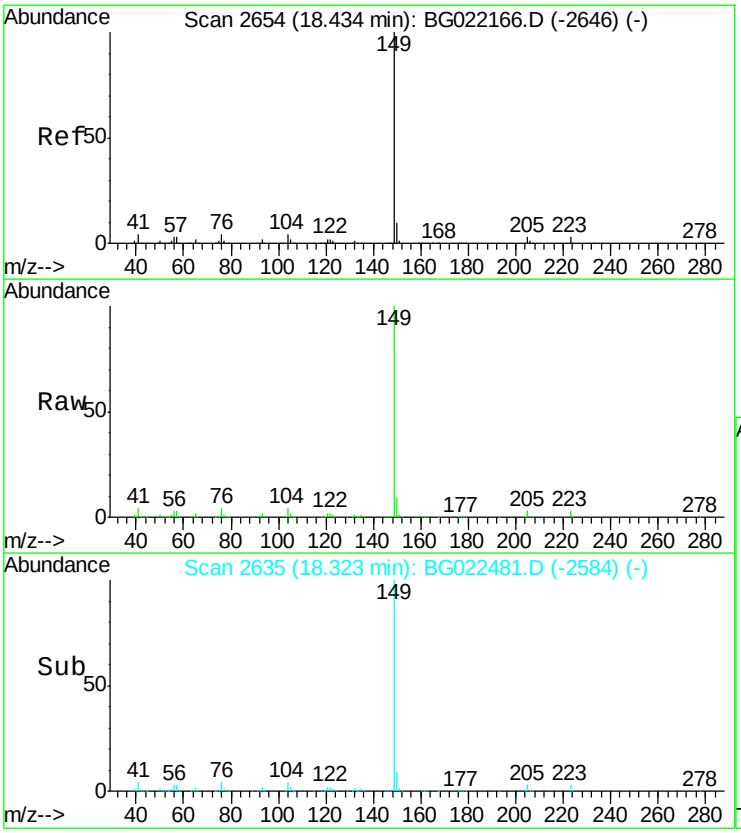

#72
Carbazole
Concen: 43.23 ng
RT: 17.79 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:167 Resp: 353231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.8 | 18.6 | 27.8 |
| 139 | 12.7 | 10.6 | 15.8 |

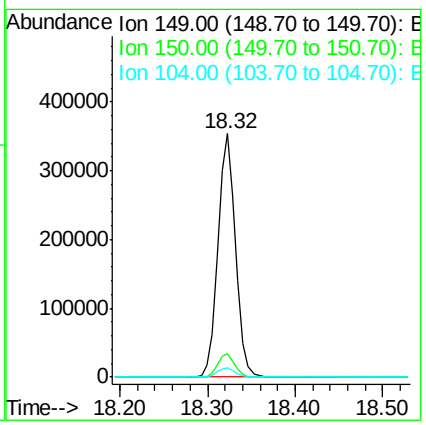


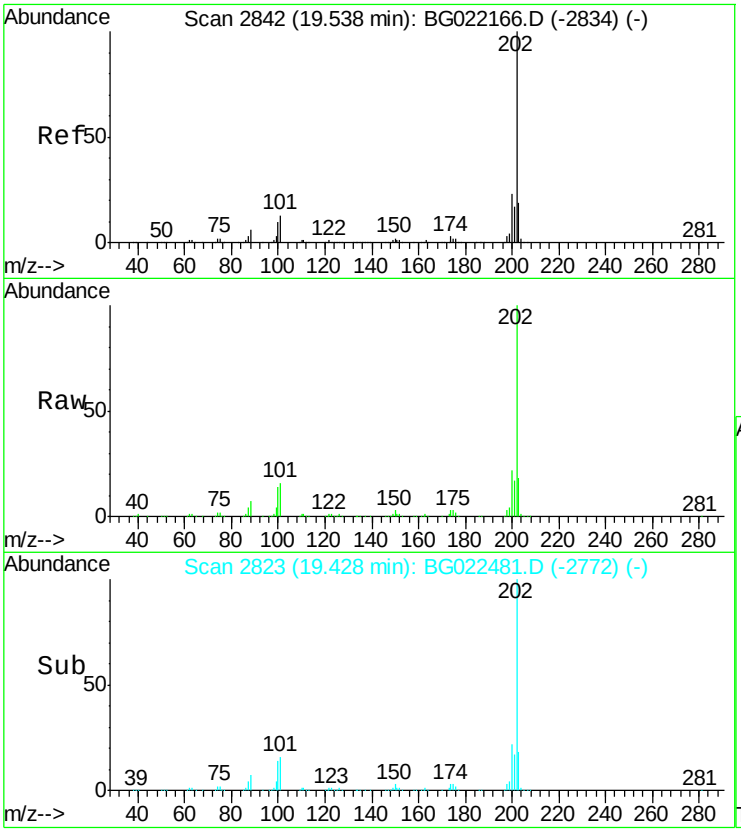




#73
Di-n-butylphthalate
Concen: 46.05 ng
RT: 18.32 min Scan# 2635
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:149 Resp: 491968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.4 | 11.0 |
| 104 | 3.9 | 4.0 | 6.0# |



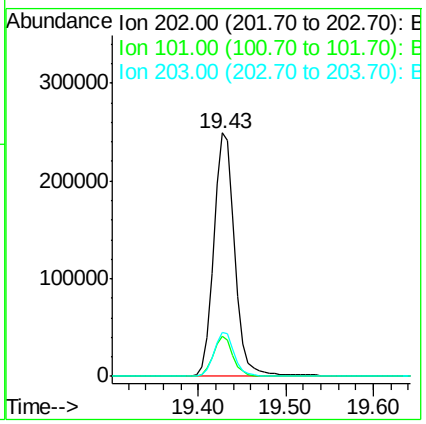


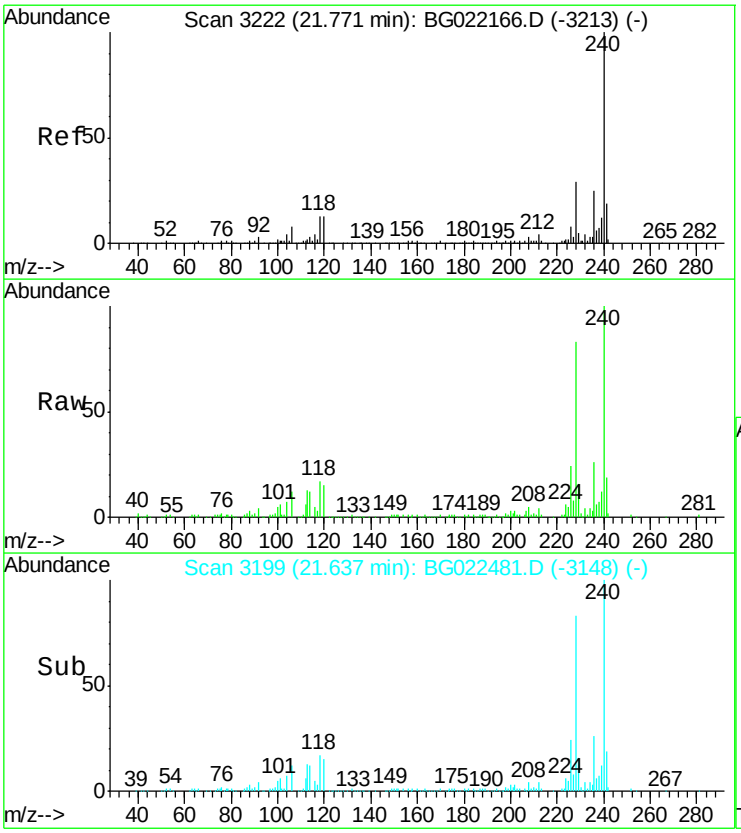

#74
Fluoranthene
Concen: 41.53 ng
RT: 19.43 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:202 Resp: 415322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.2 | 0.0 | 31.0 |
| 203 | 18.2 | 0.0 | 37.9 |

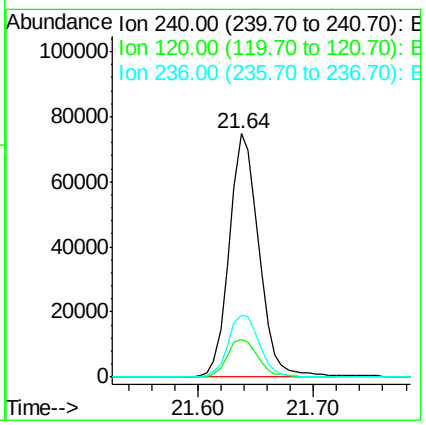


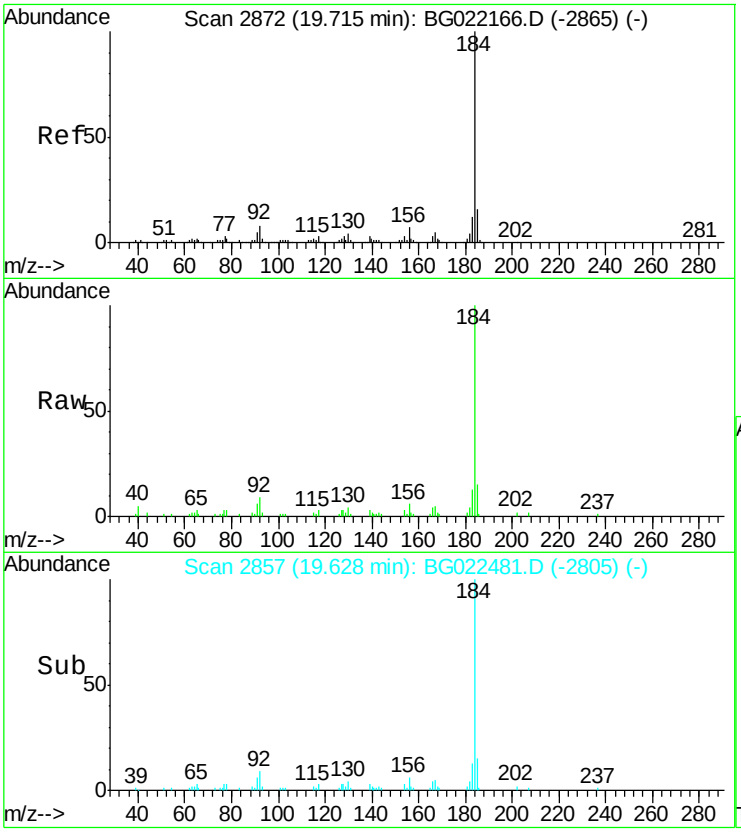




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:240 Resp: 133089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.4 | 8.4 | 12.6# |
| 236 | 25.6 | 19.6 | 29.4 |



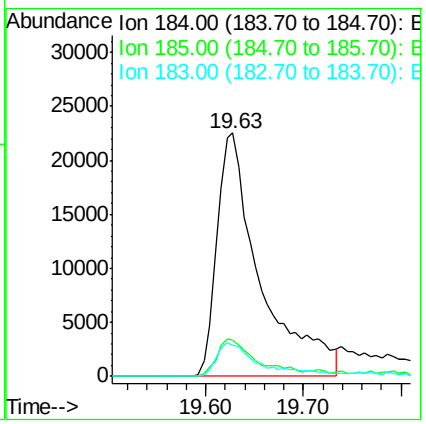


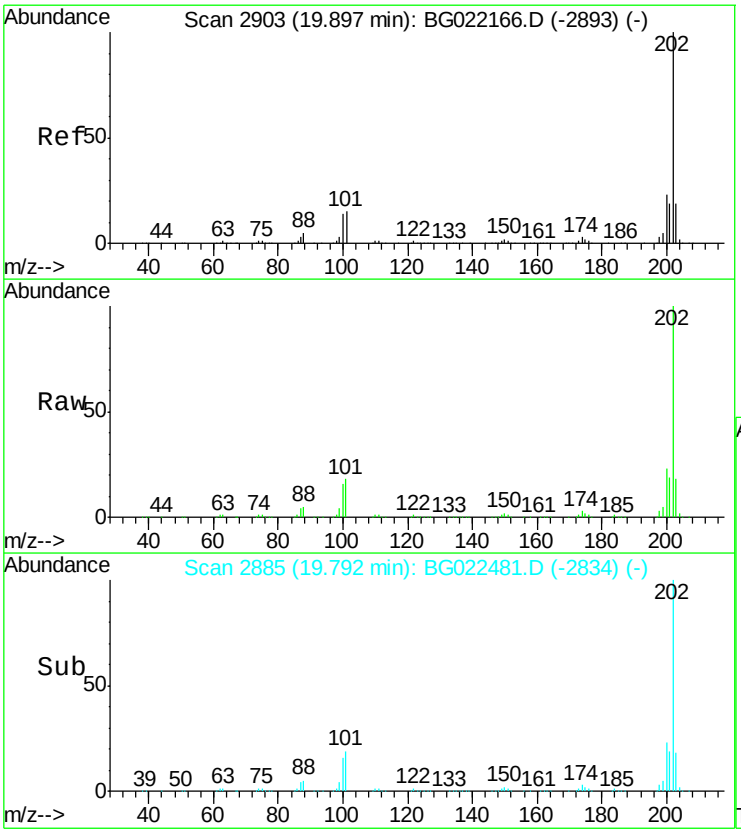

#76
Benzidine
Concen: 19.94 ng
RT: 19.63 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:184 Resp: 69387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 11.5 | 17.3 |
| 183 | 13.1 | 10.2 | 15.4 |

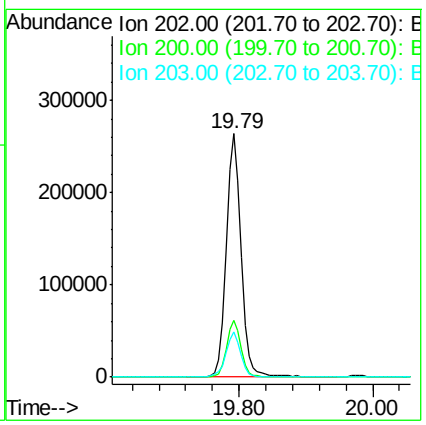


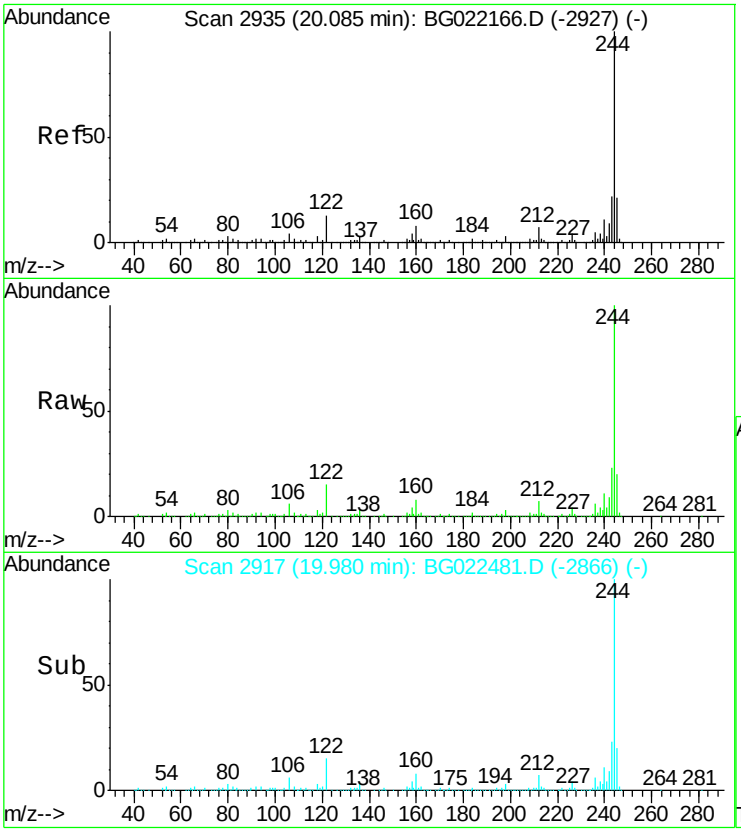




#77
Pyrene
Concen: 49.75 ng
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:202 Resp: 411630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.3 | 18.2 | 27.2 |
| 203 | 18.3 | 15.0 | 22.4 |



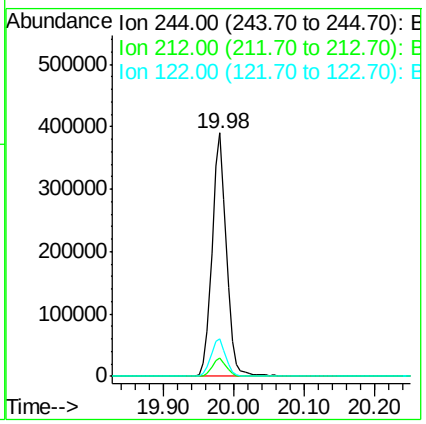


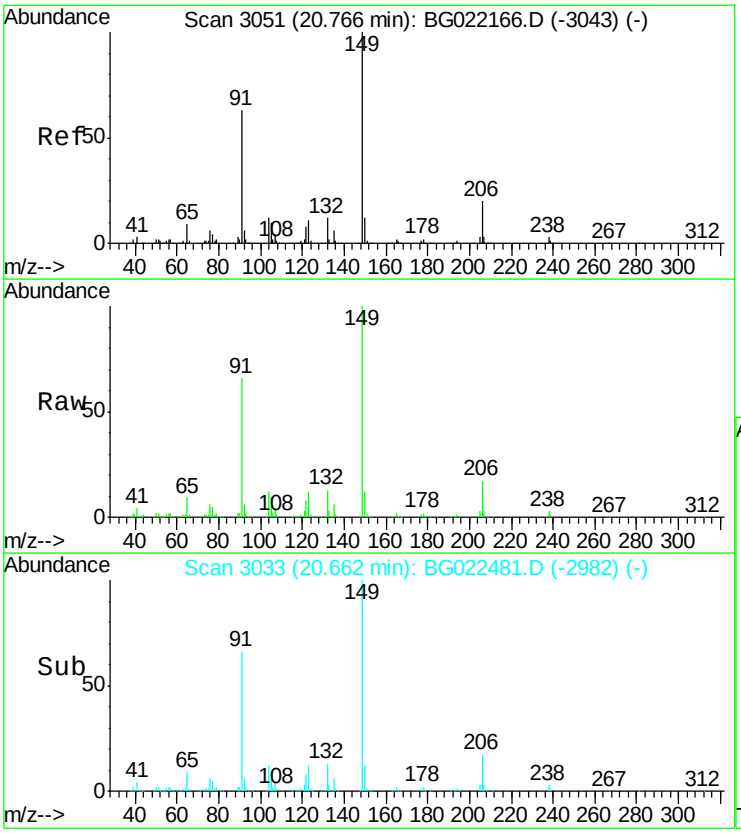

#78
Terphenyl-d14
Concen: 98.99 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:244 Resp: 554946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.5 | 9.7 |
| 122 | 15.2 | 8.6 | 12.8# |

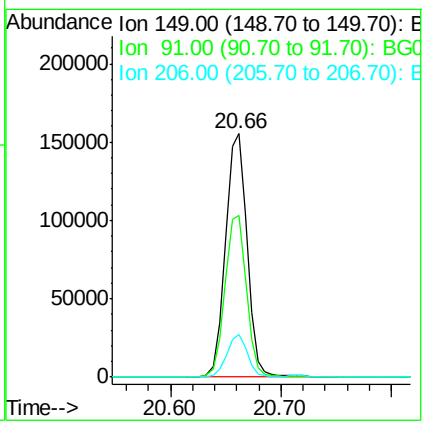


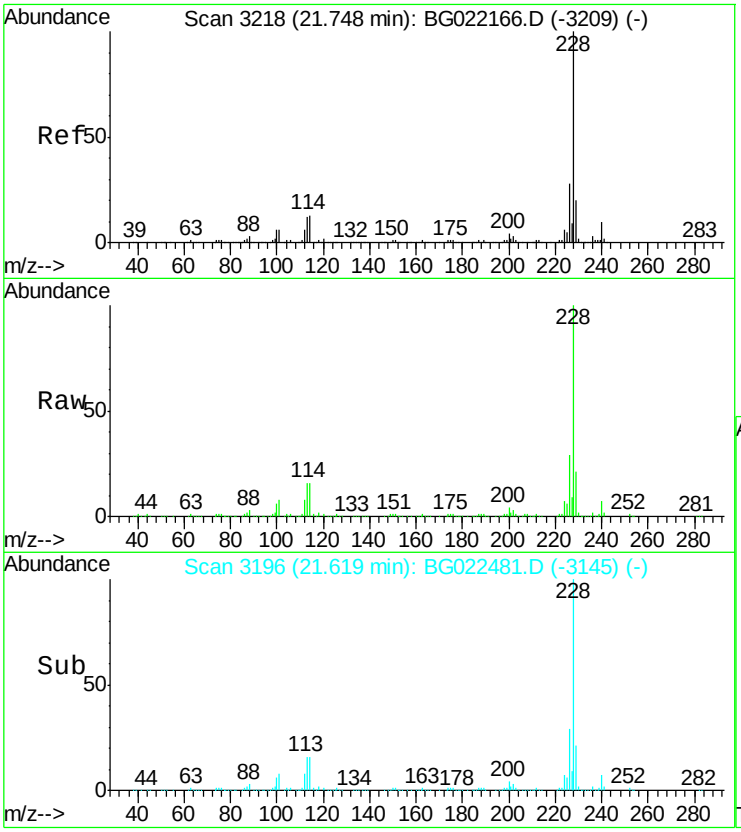




#79
Butylbenzylphthalate
Concen: 55.50 ng
RT: 20.66 min Scan# 3033
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:149 Resp: 212967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 57.8 | 86.8 |
| 206 | 17.4 | 17.0 | 25.4 |



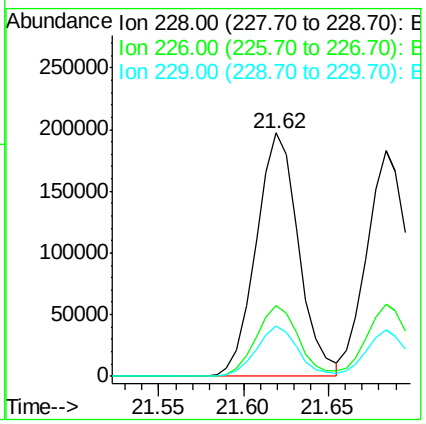


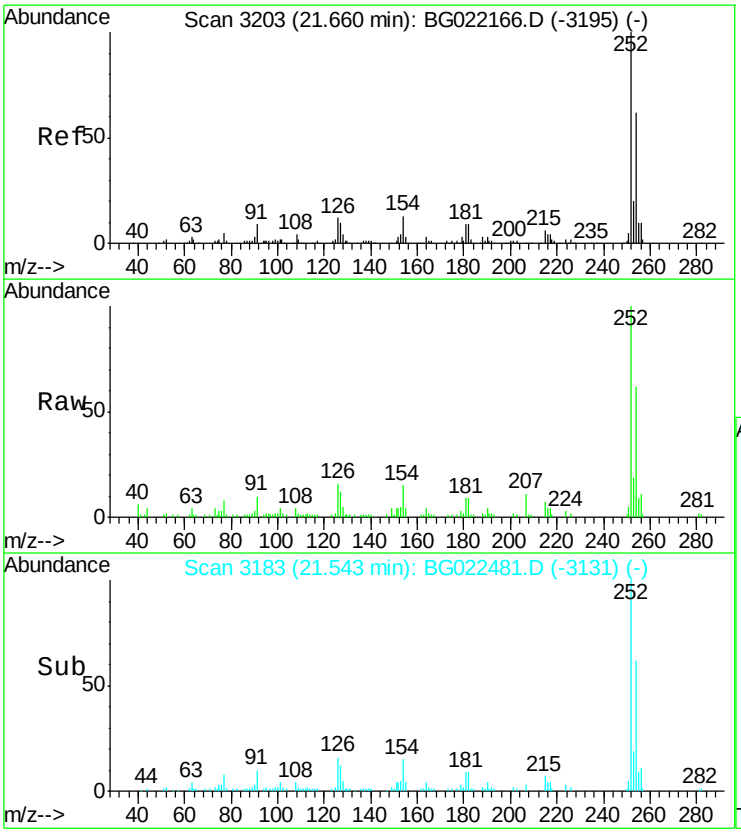

#80
Benzo(a)anthracene
Concen: 46.23 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:228 Resp: 344985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 22.6 | 34.0 |
| 229 | 20.8 | 16.1 | 24.1 |

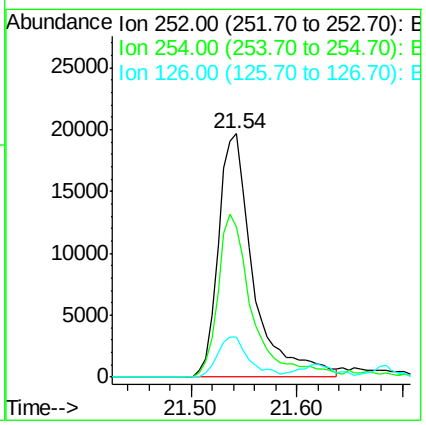


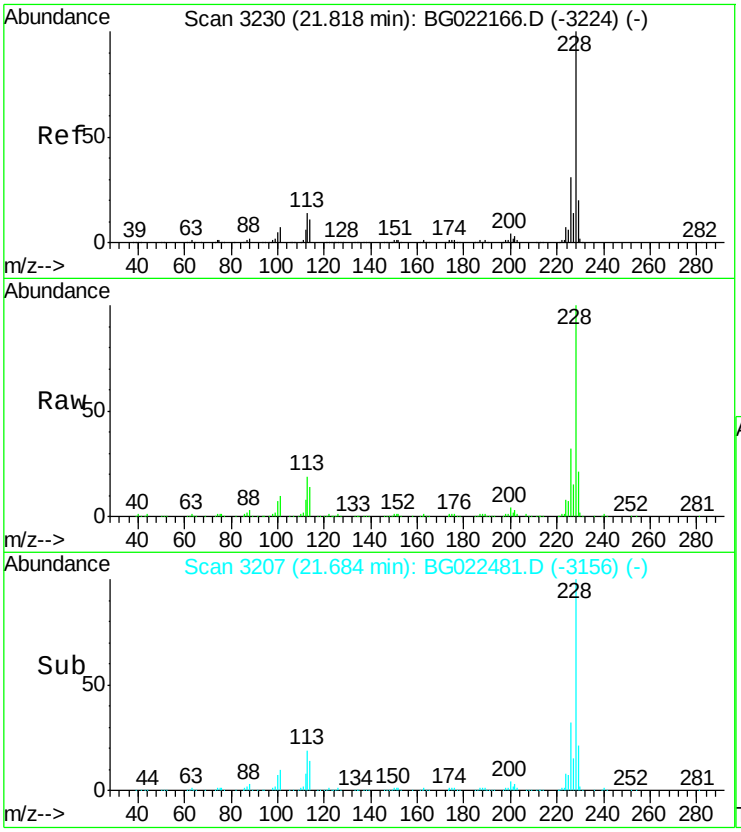




#81
3,3'-Dichlorobenzidine
Concen: 21.55 ng
RT: 21.54 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 45160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 61.9 | 51.8 | 77.6 |
| 126 | 16.3 | 8.8 | 13.2# |



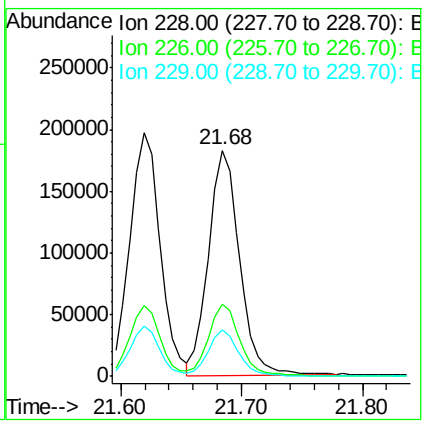


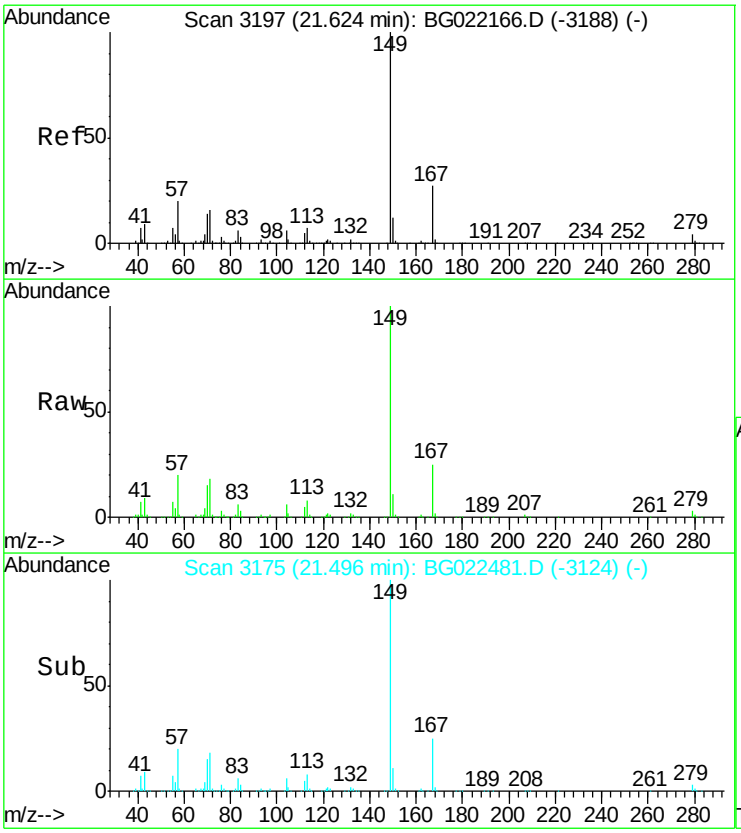

#82
Chrysene
Concen: 44.42 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:228 Resp: 322576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.8 | 25.4 | 38.0 |
| 229 | 20.8 | 15.9 | 23.9 |

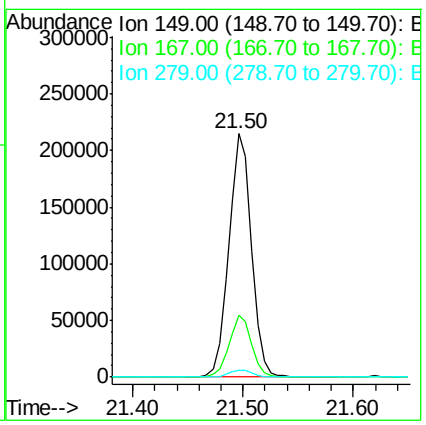


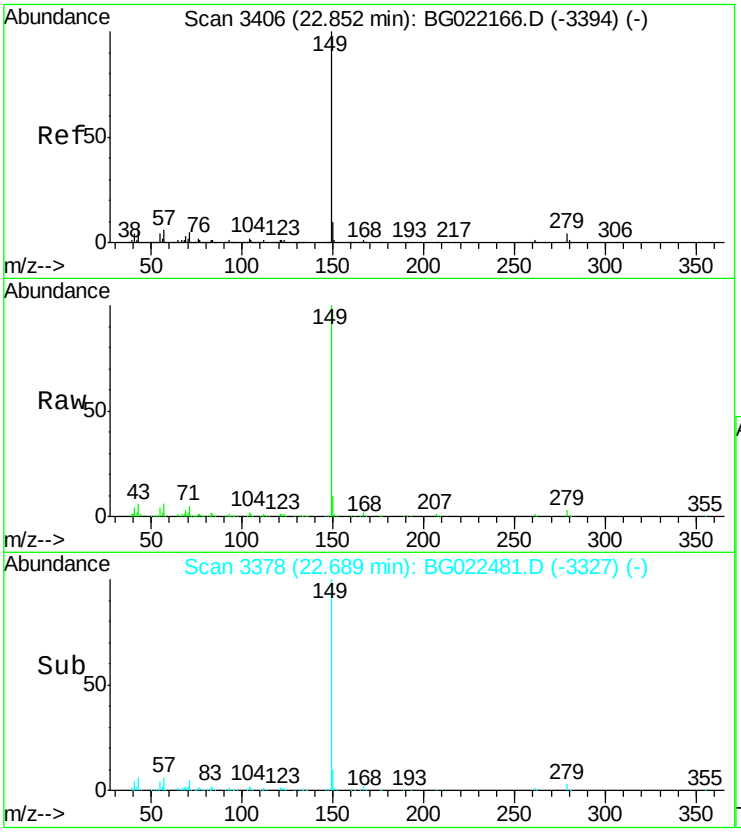




#83
Bis(2-ethylhexyl)phthalate
Concen: 54.62 ng
RT: 21.50 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:149 Resp: 308224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.4 | 22.4 | 33.6 |
| 279 | 2.8 | 3.2 | 4.8# |



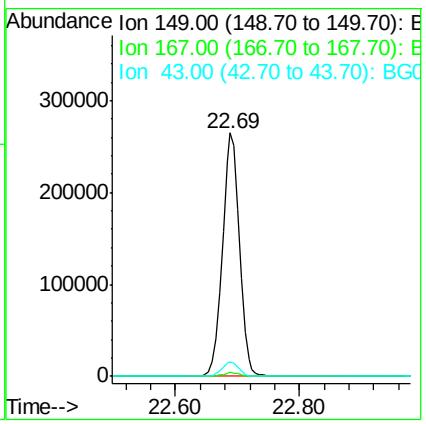


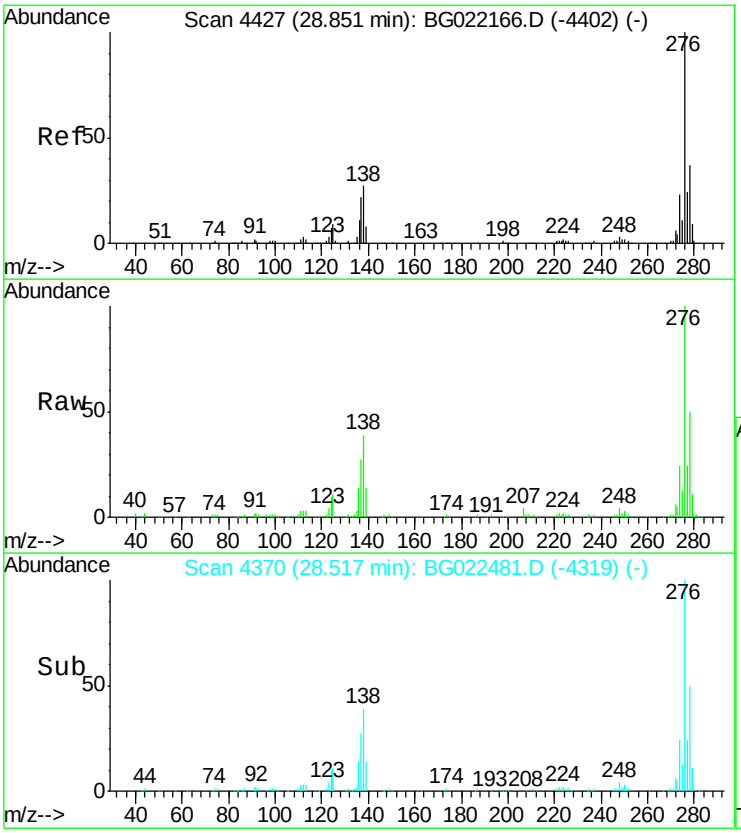

#84
Di-n-octyl phthalate
Concen: 54.23 ng
RT: 22.69 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:149 Resp: 508131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 5.7 | 9.8 | 14.6# |

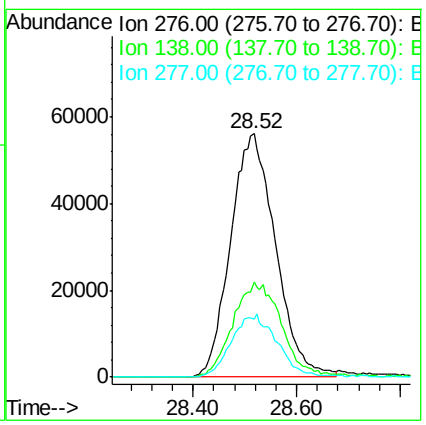


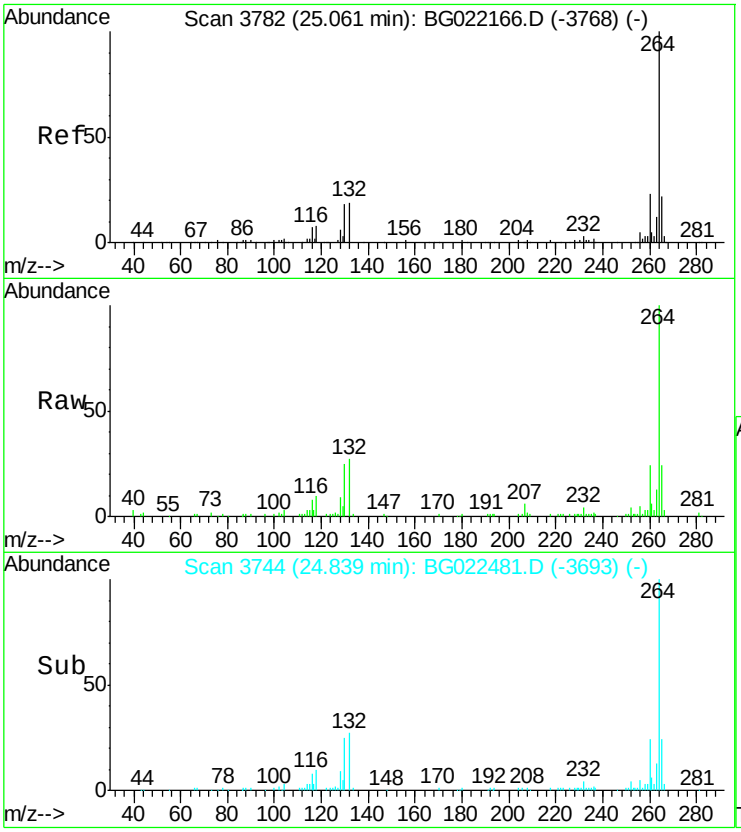




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.50 ng
RT: 28.52 min Scan# 4370
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:276 Resp: 338103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 41.7 | 14.0 | 21.0# |
| 277 | 25.8 | 20.6 | 30.8 |



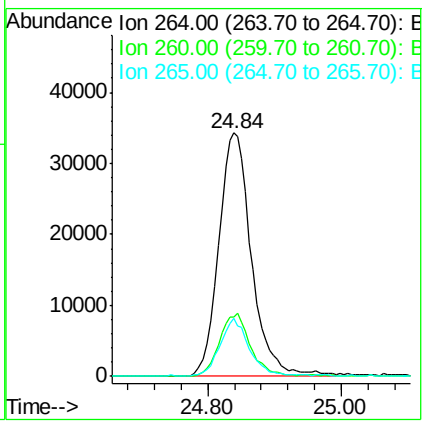


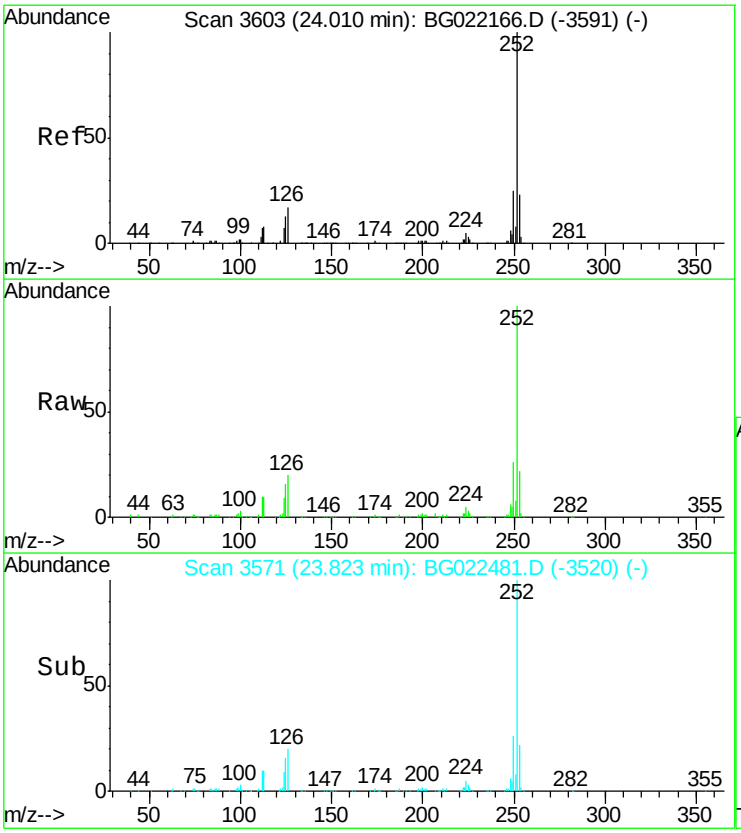

#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:264 Resp: 117839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 20.2 | 30.4 |
| 265 | 23.7 | 17.8 | 26.8 |

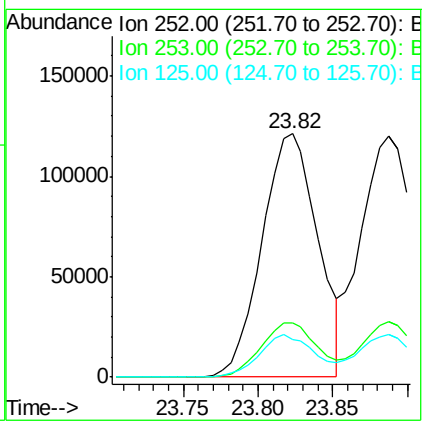


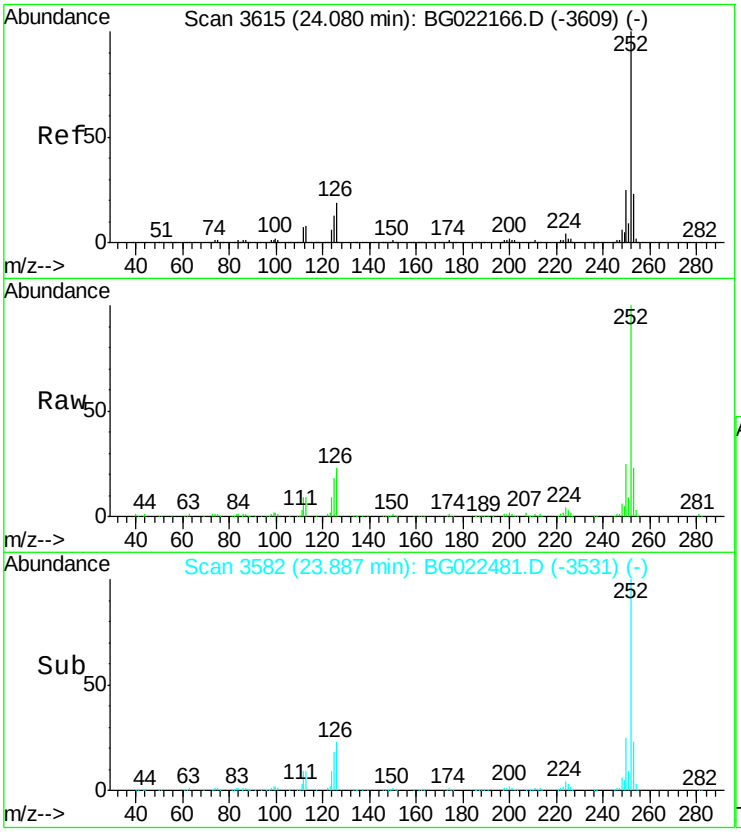




#87
Benzo(b)fluoranthene
Concen: 45.86 ng
RT: 23.82 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 315198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 15.6 | 8.6 | 13.0# |



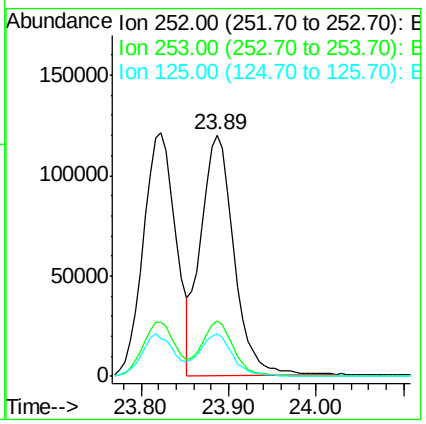


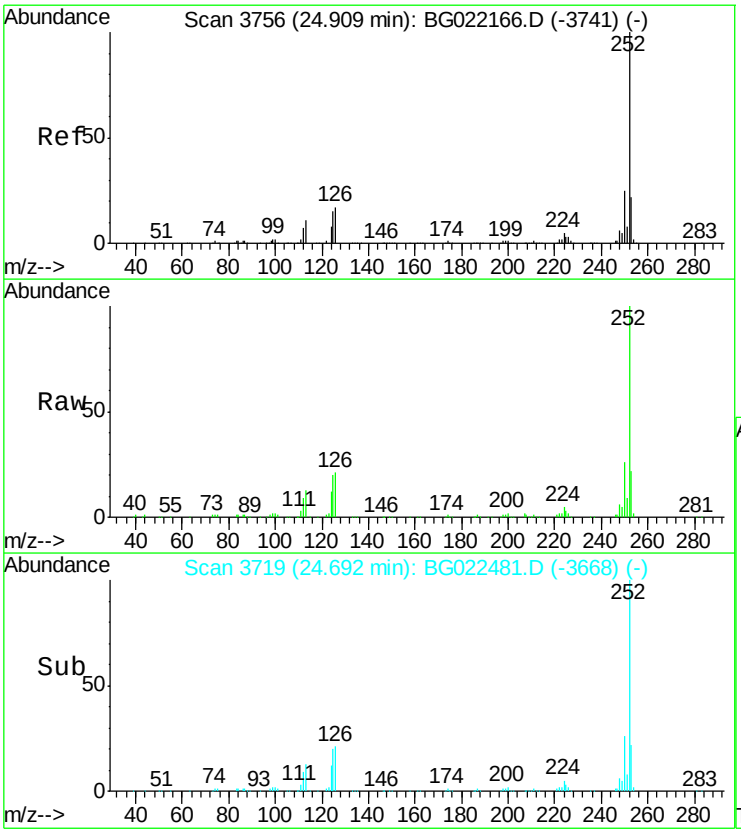

#88
Benzo(k)fluoranthene
Concen: 46.70 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:252 Resp: 315980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.8 | 26.8 |
| 125 | 17.8 | 8.3 | 12.5# |

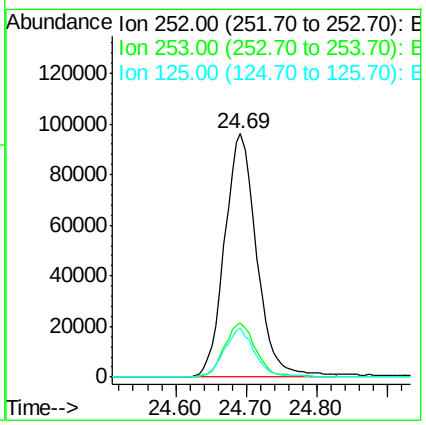


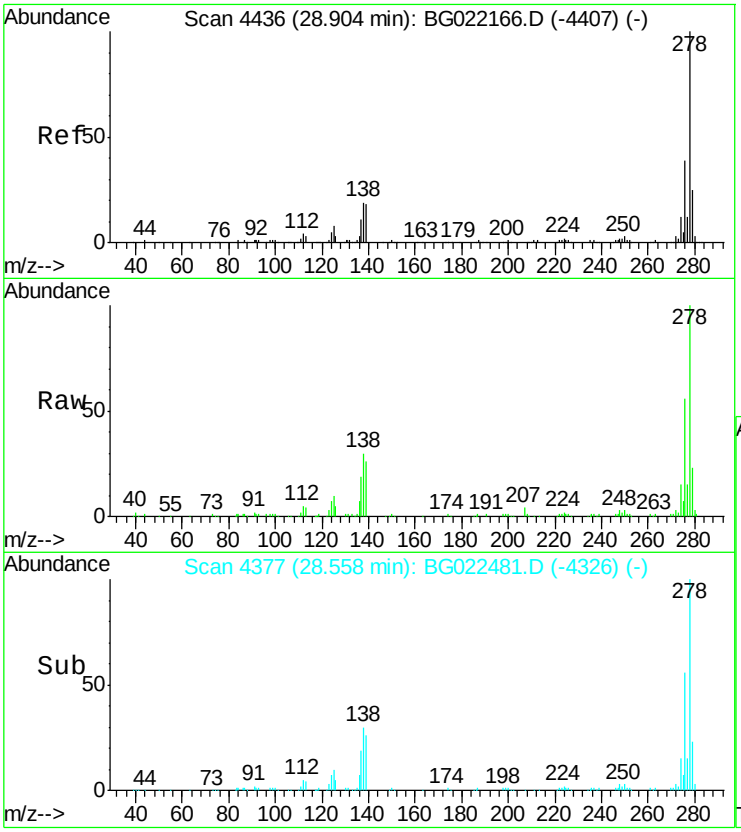




#89
Benzo(a)pyrene
Concen: 46.35 ng
RT: 24.69 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:252 Resp: 304605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.1 | 25.7 |
| 125 | 20.2 | 9.6 | 14.4# |



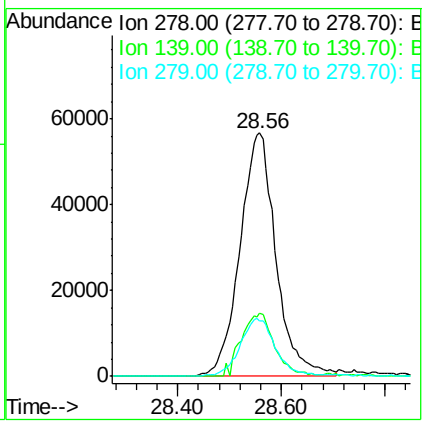


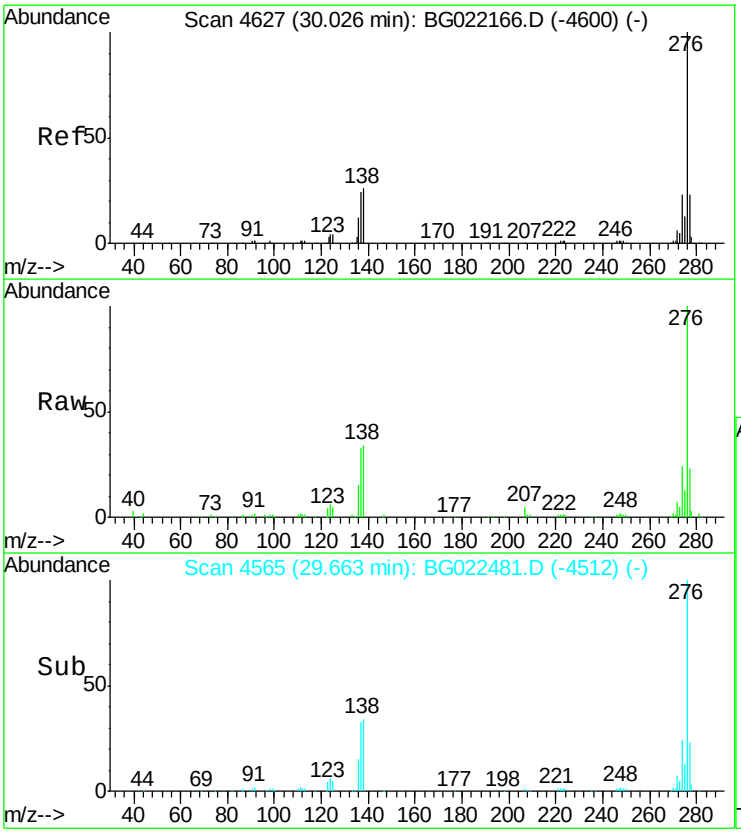

#90
Dibenzo(a,h)anthracene
Concen: 44.25 ng
RT: 28.56 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

**Instrument :**
BNA_G
**ClientSampleId :**
PM-STA-1363(0-4)MSD

Tgt Ion:278 Resp: 273858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 26.0 | 11.9 | 17.9# |
| 279 | 22.7 | 18.2 | 27.2 |




#91
Benzo(g,h,i)perylene
Concen: 43.16 ng
RT: 29.66 min Scan# 4565
Delta R.T. 0.01 min
Lab File: BG022481.D
Acq: 22 Jun 2016 00:54

Tgt Ion:276 Resp: 277930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 19.4 | 29.2 |
| 138 | 34.3 | 17.4 | 26.0# |