Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022714.D
Acq On : 30 Jun 2016 4:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jun 30 05:24:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 131432 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.99 | 136 | 650898 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.81 | 164 | 505917 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 1225785 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 21.86 | 240 | 1299171 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 25.22 | 264 | 1306569 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 652434 | 79.62 | ng | | 0.00 |
| 7) Phenol-d6 | 7.32 | 99 | 1059794 | 91.76 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 1175699 | 76.45 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 682340 | 85.75 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 13.43 | 172 | 2402494 | 75.31 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.16 | 244 | 3244857 | 66.17 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 110275 | 33.20 | ng | | 94 |
| 3) Pyridine | 3.99 | 79 | 433956 | 46.71 | ng | # | 92 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 188567 | 35.49 | ng | | 93 |
| 6) Aniline | 7.48 | 93 | 711293 | 46.45 | ng | | 98 |
| 8) 2-Chlorophenol | 7.73 | 128 | 372131 | 43.84 | ng | | 95 |
| 9) Benzaldehyde | 7.29 | 77 | 220939 | 54.35 | ng | | 95 |
| 10) Phenol | 7.35 | 94 | 572700 | 46.91 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 406696 | 40.47 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 420259 | 40.69 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.20 | 146 | 413275 | 39.91 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 407211 | 41.35 | ng | | 96 |
| 15) Benzyl Alcohol | 8.40 | 79 | 548760 | 51.35 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70 | 45 | 455561 | 40.99 | ng | | 98 |
| 17) 2-Methylphenol | 8.61 | 107 | 381961 | 47.47 | ng | | 97 |
| 18) Hexachloroethane | 9.26 | 117 | 170837 | 39.86 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 454297 | 47.23 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.94 | 107 | 543795 | 49.06 | ng | | 94 |
| 22) Acetophenone | 8.99 | 105 | 721842 | 38.36 | ng | # | 96 |
| 24) Nitrobenzene | 9.38 | 77 | 634695 | 37.34 | ng | | 94 |
| 25) Isophorone | 9.91 | 82 | 1193898 | 39.99 | ng | | 97 |
| 26) 2-Nitrophenol | 10.10 | 139 | 269430 | 44.01 | ng | | 87 |
| 27) 2,4-Dimethylphenol | 10.15 | 122 | 437843 | 37.43 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 632078 | 38.78 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.64 | 162 | 486081 | 42.65 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 522479 | 38.61 | ng | | 95 |
| 31) Naphthalene | 11.04 | 128 | 1256267 | 38.40 | ng | | 99 |
| 32) Benzoic acid | 10.30 | 122 | 379263 | 49.43 | ng | | 96 |
| 33) 4-Chloroaniline | 11.15 | 127 | 631171 | 44.79 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 397424 | 37.79 | ng | | 96 |
| 35) Caprolactam | 11.95 | 113 | 179904 | 50.11 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 12.27 | 107 | 627727 | 44.87 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 1026875 | 40.47 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 718257 | 37.61 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.97 | 237 | 505736 | 33.17 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022714.D
Acq On : 30 Jun 2016 4:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jun 30 05:24:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.24 | 196 | 510432 | 41.68 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 13.31 | 196 | 542974 | 42.37 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.64 | 154 | 1406150 | 36.49 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.69 | 162 | 1183565 | 37.32 | ng | | 97 |
| 47) 2-Nitroaniline | 13.88 | 65 | 491958 | 40.19 | ng | | 96 |
| 48) Acenaphthylene | 14.53 | 152 | 1739966 | 37.83 | ng | | 97 |
| 49) Dimethylphthalate | 14.26 | 163 | 1595350 | 38.01 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.38 | 165 | 379104 | 41.57 | ng | | 86 |
| 51) Acenaphthene | 14.87 | 154 | 1154980 | 34.09 | ng | | 98 |
| 52) 3-Nitroaniline | 14.72 | 138 | 358251 | 41.98 | ng | | 85 |
| 53) 2,4-Dinitrophenol | 14.91 | 184 | 245838 | 43.77 | ng | | 91 |
| 54) Dibenzofuran | 15.20 | 168 | 1852021 | 37.74 | ng | | 97 |
| 55) 4-Nitrophenol | 15.03 | 139 | 294222 | 40.77 | ng | | 88 |
| 56) 2,4-Dinitrotoluene | 15.17 | 165 | 548055 | 43.38 | ng | | 88 |
| 57) Fluorene | 15.85 | 166 | 1519135 | 38.79 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.43 | 232 | 565814 | 42.58 | ng | # | 98 |
| 59) Diethylphthalate | 15.61 | 149 | 1630803 | 37.80 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204 | 923604 | 39.61 | ng | | 96 |
| 61) 4-Nitroaniline | 15.88 | 138 | 358912 | 40.76 | ng | # | 83 |
| 62) Azobenzene | 16.14 | 77 | 1678292 | 35.92 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198 | 356749 | 43.40 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 16.06 | 169 | 1413719 | 39.63 | ng | | 92 |
| 66) 4-Bromophenyl-phenylether | 16.74 | 248 | 644002 | 40.50 | ng | | 93 |
| 67) Hexachlorobenzene | 16.86 | 284 | 700564 | 41.66 | ng | | 96 |
| 68) Atrazine | 17.01 | 200 | 587554 | 39.01 | ng | | 96 |
| 69) Pentachlorophenol | 17.20 | 266 | 464791 | 40.17 | ng | | 98 |
| 70) Phenanthrene | 17.60 | 178 | 2342208 | 37.47 | ng | | 96 |
| 71) Anthracene | 17.69 | 178 | 2411625 | 37.48 | ng | | 95 |
| 72) Carbazole | 17.97 | 167 | 2038224 | 37.37 | ng | | 96 |
| 73) Di-n-butylphthalate | 18.51 | 149 | 2338291 | 36.82 | ng | | 97 |
| 74) Fluoranthene | 19.61 | 202 | 2647445 | 36.76 | ng | | 94 |
| 76) Benzidine | 19.78 | 184 | 429852 | 31.08 | ng | | 97 |
| 77) Pyrene | 19.97 | 202 | 2647073 | 38.25 | ng | | 95 |
| 79) Butylbenzylphthalate | 20.84 | 149 | 1144326 | 38.20 | ng | | 95 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 2798507 | 38.93 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.75 | 252 | 1041542 | 35.08 | ng | | 96 |
| 82) Chrysene | 21.90 | 228 | 2639073 | 39.07 | ng | | 93 |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 1435067 | 34.03 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.98 | 149 | 2453223 | 35.29 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 29.08 | 276 | 3375894 | 38.03 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.15 | 252 | 2992036 | 38.08 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 24.22 | 252 | 2891840 | 38.94 | ng | # | 96 |
| 89) Benzo(a)pyrene | 25.07 | 252 | 2927008 | 38.22 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 29.15 | 278 | 2841420 | 39.41 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 30.30 | 276 | 2676666 | 36.47 | ng | | 98 |

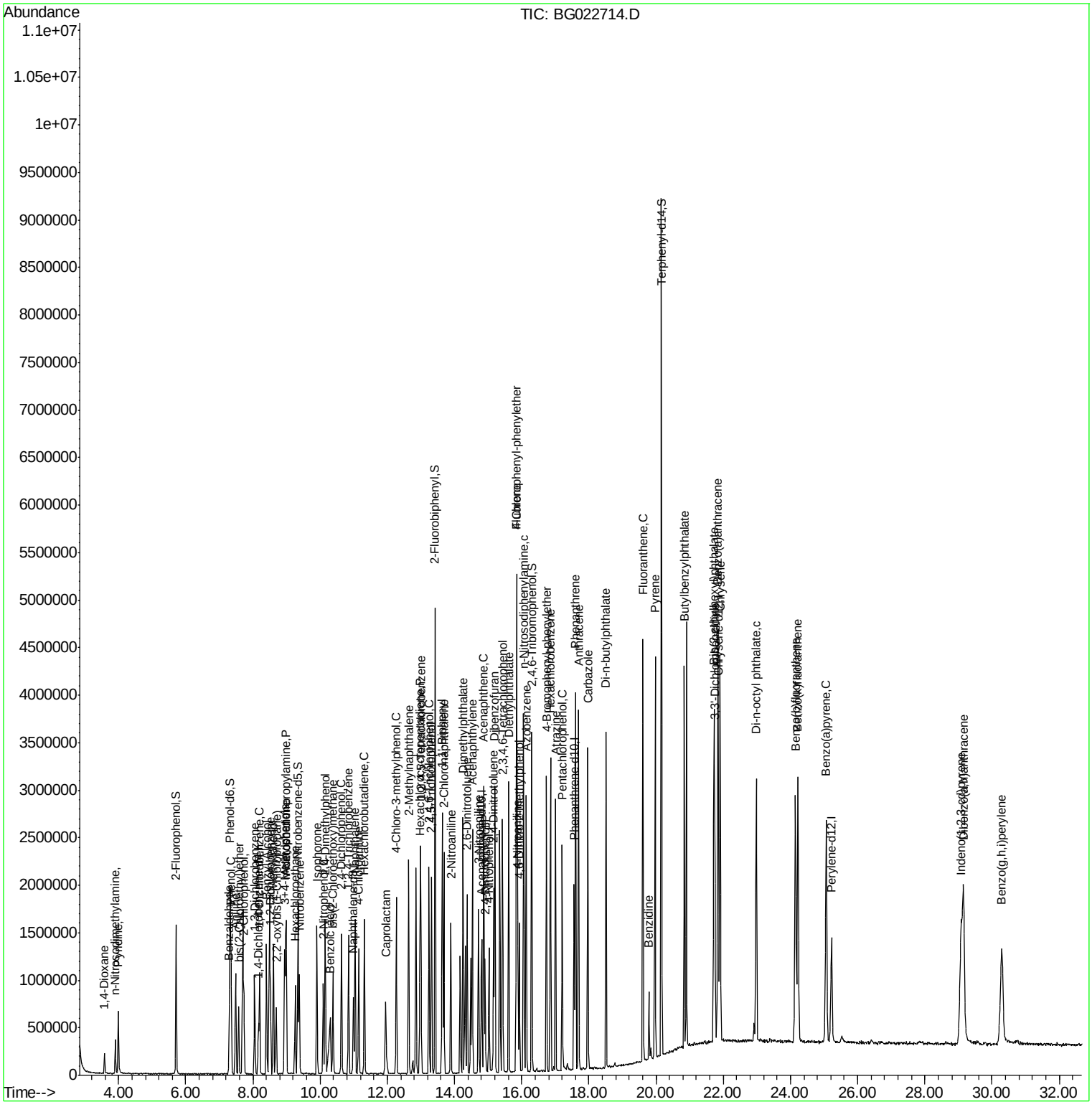
(#) = qualifier out of range (m) = manual integration (+) = signals summed

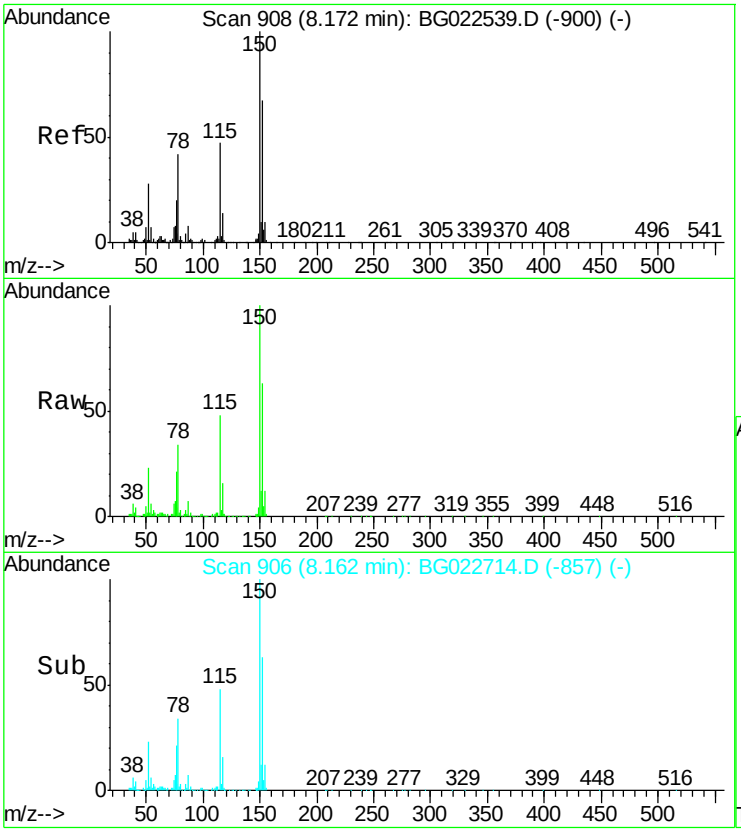
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022714.D
Acq On : 30 Jun 2016 4:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jun 30 05:24:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration



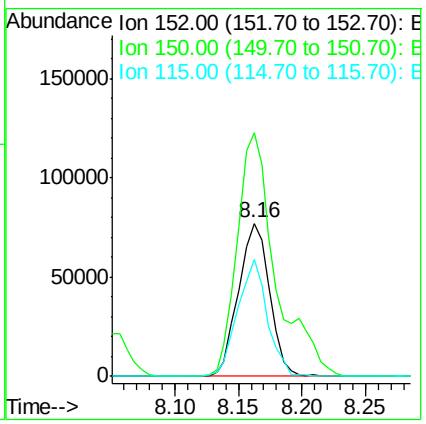


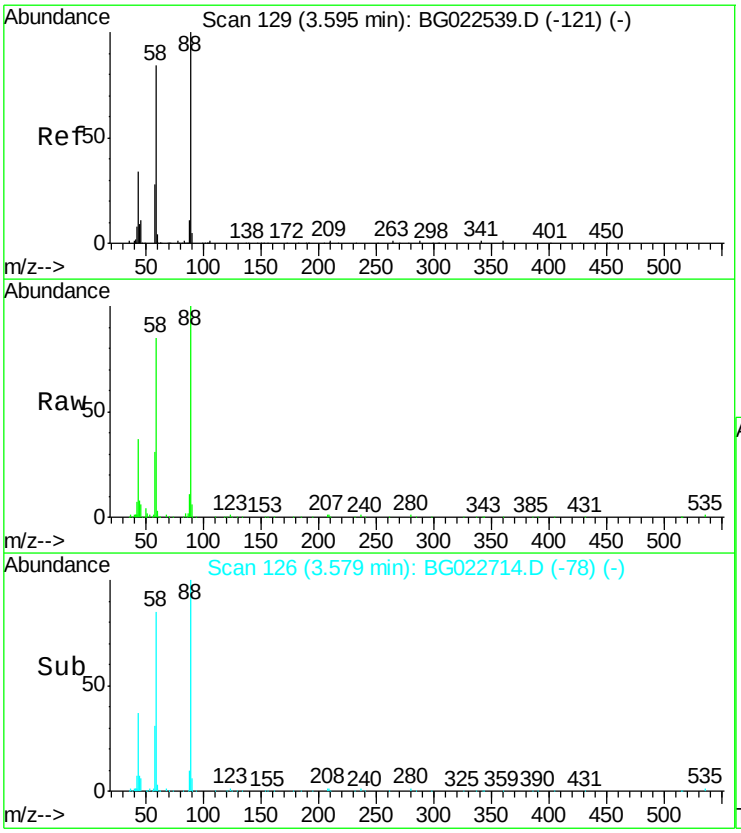

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 131432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 144.7 | 217.1 |
| 115 | 76.6 | 64.0 | 96.0 |

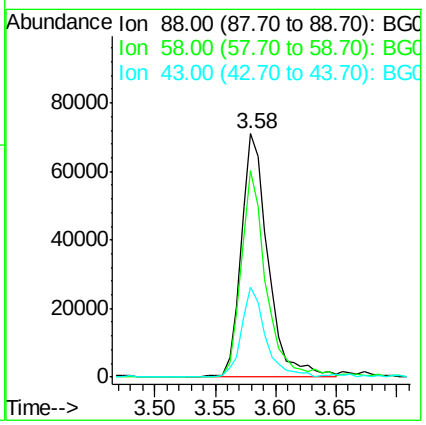


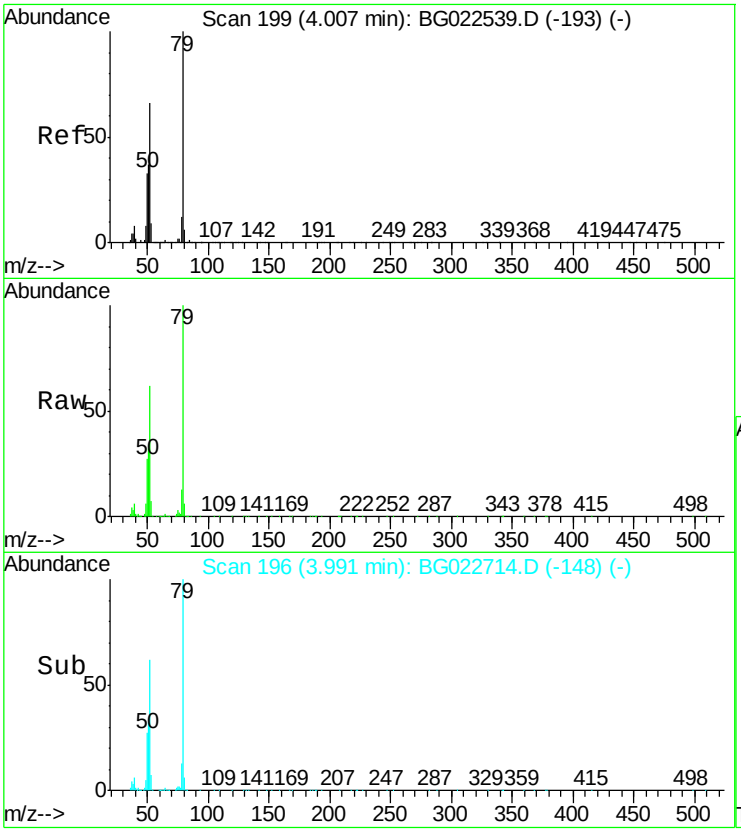




#2
1,4-Dioxane
Concen: 33.20 ng
RT: 3.58 min Scan# 126
Delta R.T. -0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 88 Resp: 110275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.9 | 60.4 | 90.6 |
| 43 | 33.5 | 31.1 | 46.7 |



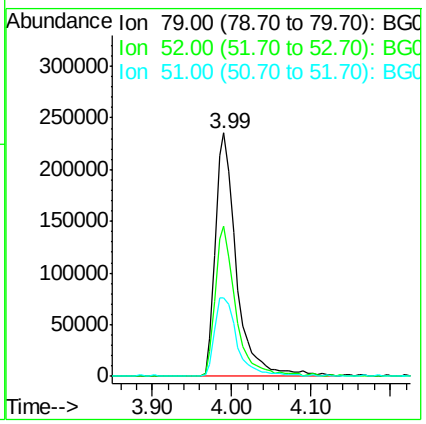


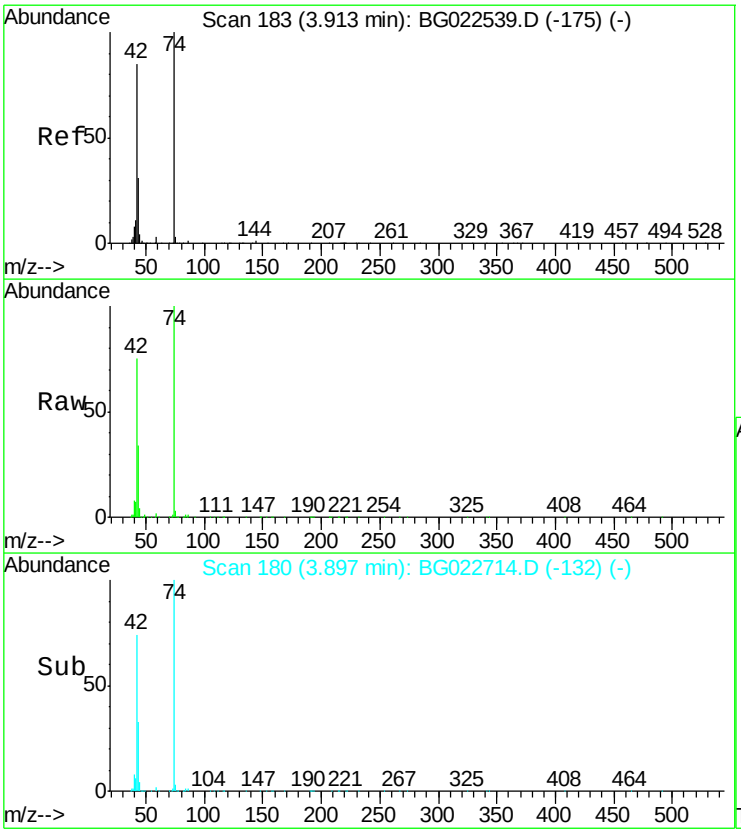

#3
Pyridine
Concen: 46.71 ng
RT: 3.99 min Scan# 196
Delta R.T. -0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 433956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.7 | 51.8 | 77.8 |
| 51 | 32.5 | 32.7 | 49.1# |

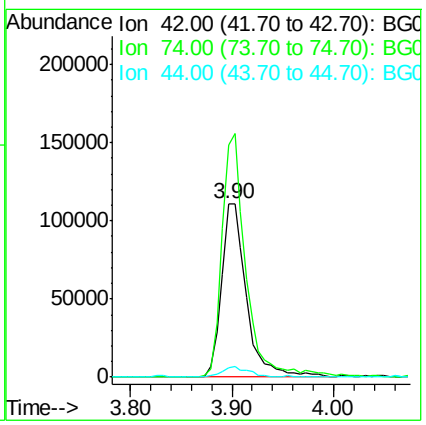


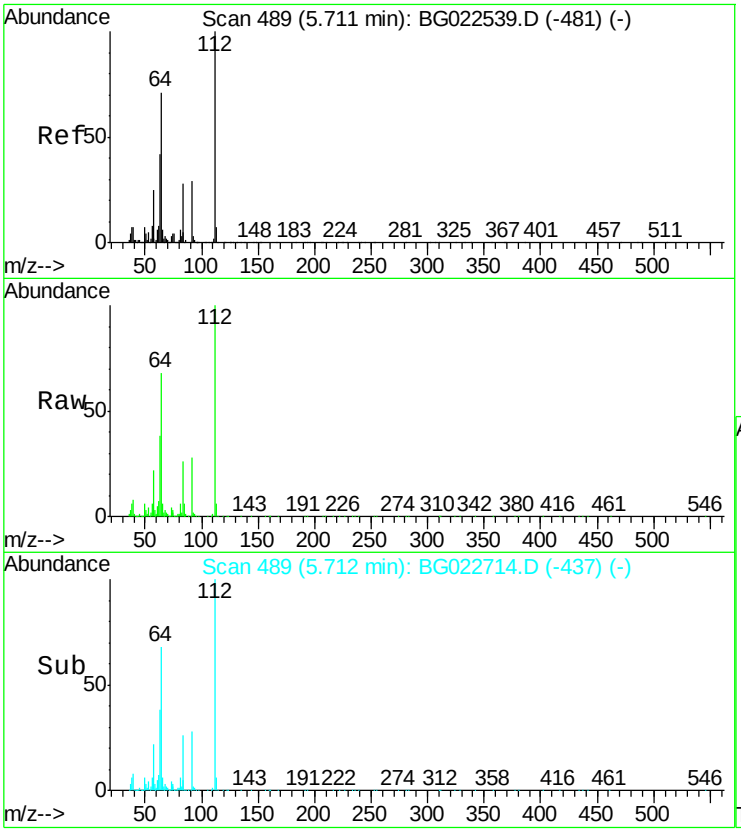




#4
n-Nitrosodimethylamine
Concen: 35.49 ng
RT: 3.90 min Scan# 180
Delta R.T. -0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 42 Resp: 188567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.7 | 100.6 | 150.8 |
| 44 | 5.6 | 4.5 | 6.7 |



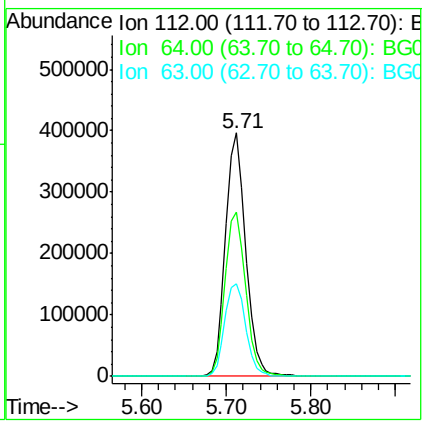


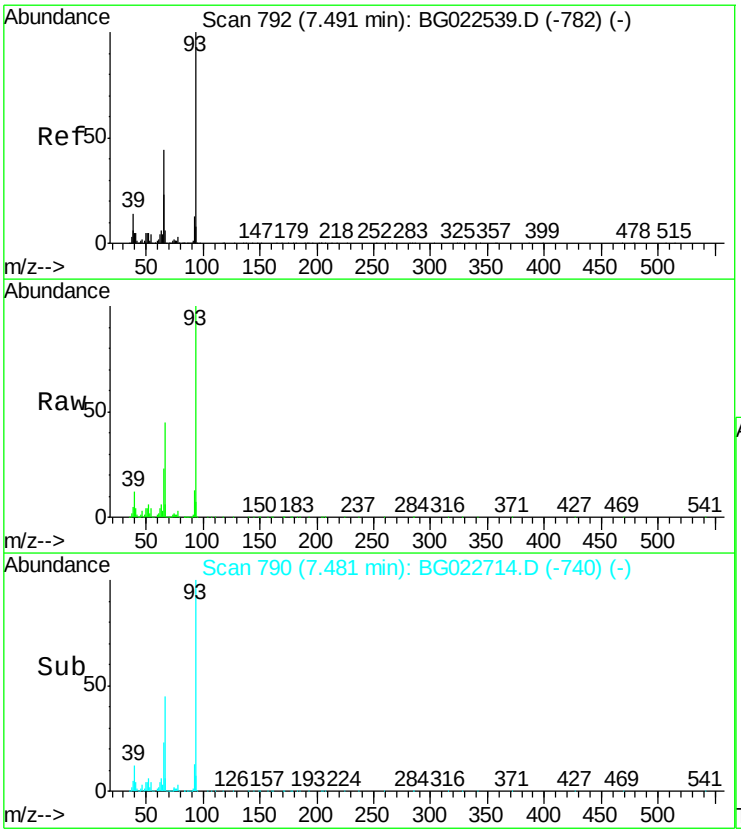

#5
2-Fluorophenol
Concen: 79.62 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 652434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.7 | 59.0 | 88.4 |
| 63 | 37.8 | 37.8 | 56.8# |

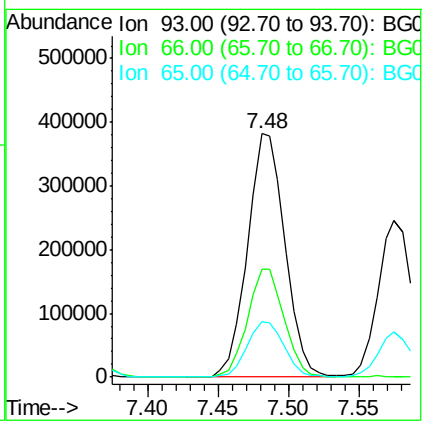


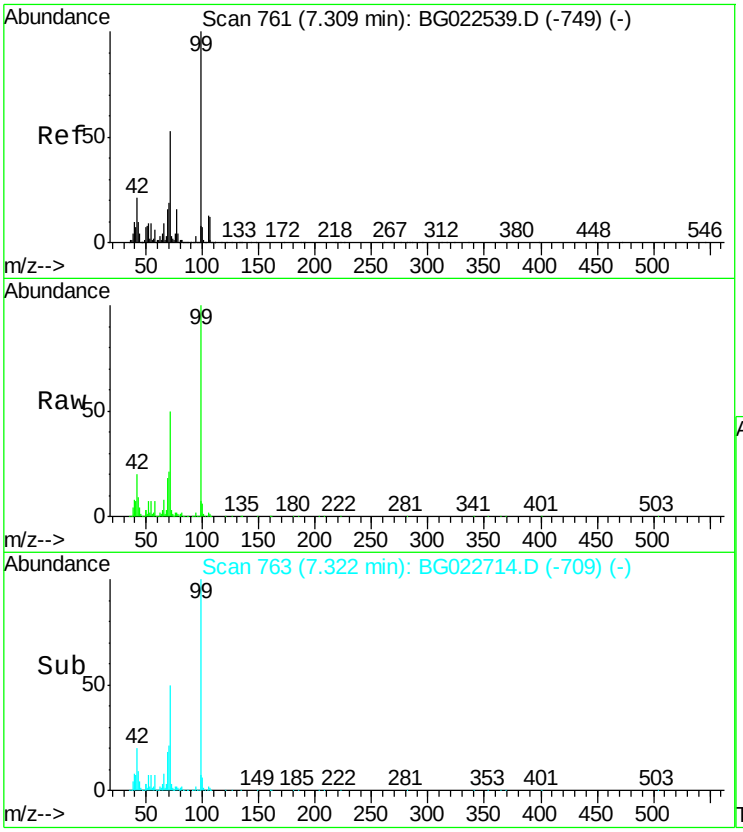




#6
Aniline
Concen: 46.45 ng
RT: 7.48 min Scan# 790
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 93 Resp: 711293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.6 | 37.5 | 56.3 |
| 65 | 22.6 | 17.9 | 26.9 |



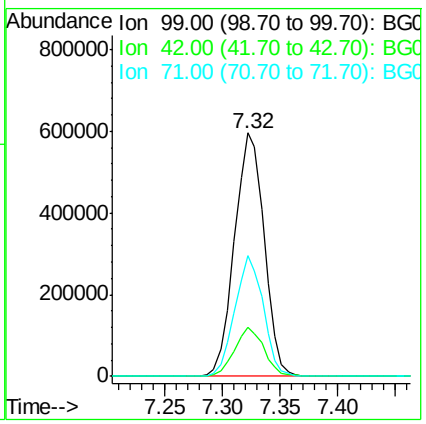


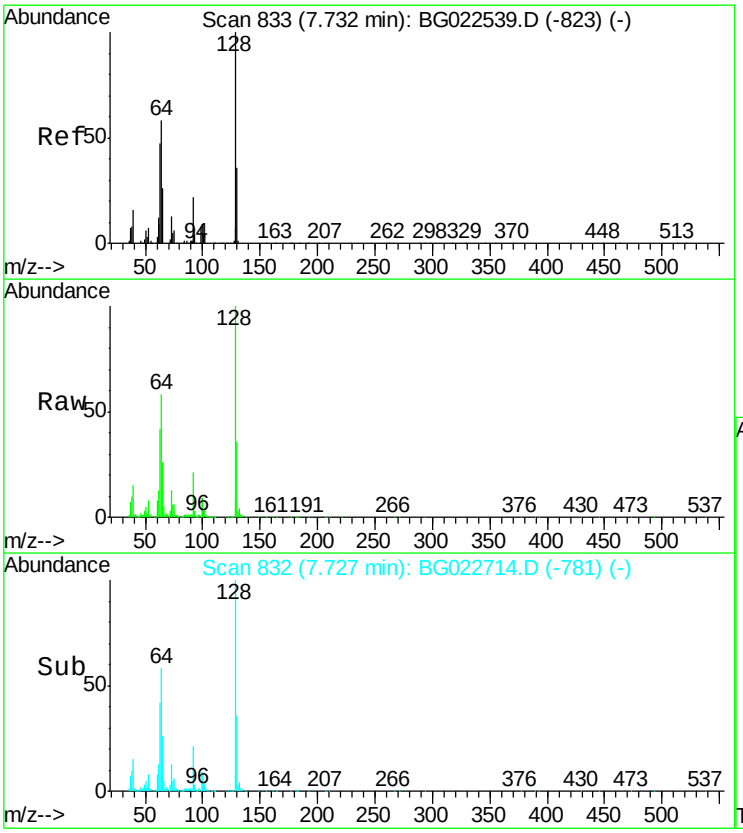

#7
Phenol-d6
Concen: 91.76 ng
RT: 7.32 min Scan# 763
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 1059794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 17.8 | 26.6 |
| 71 | 49.8 | 41.5 | 62.3 |

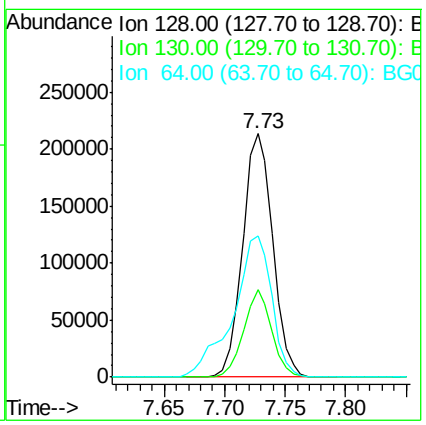


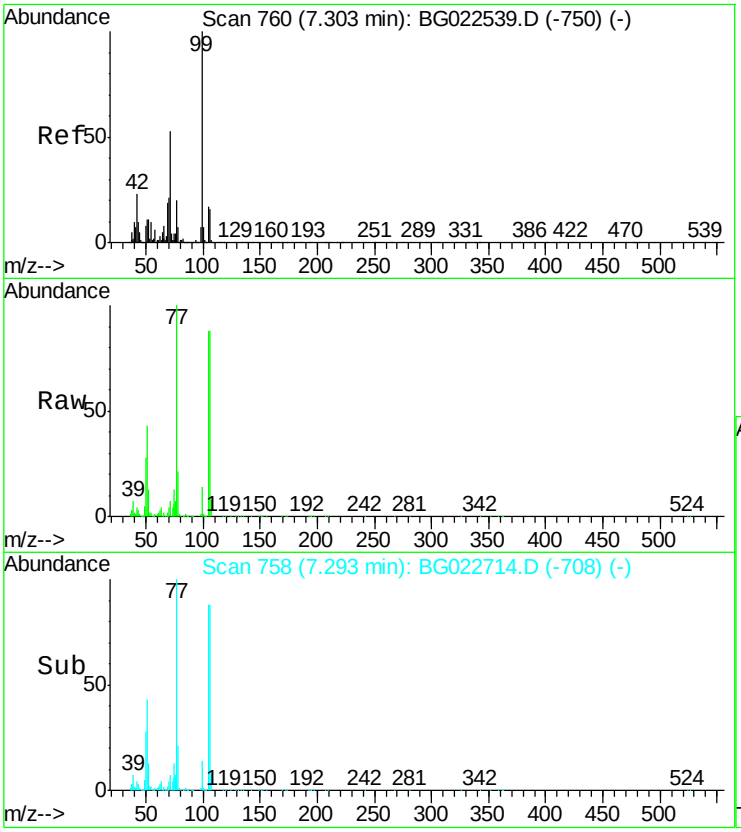




#8
2-Chlorophenol
Concen: 43.84 ng
RT: 7.73 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:128 Resp: 372131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 36.1 | 12.9 | 52.9 |
| 64 | 58.1 | 42.0 | 82.0 |



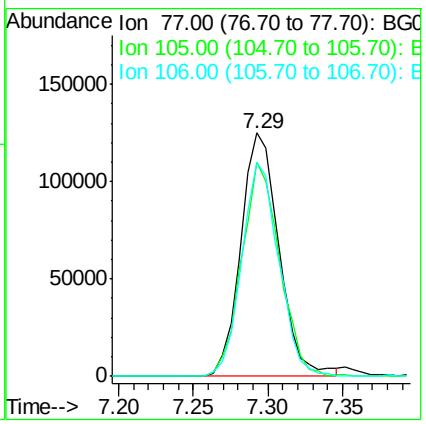


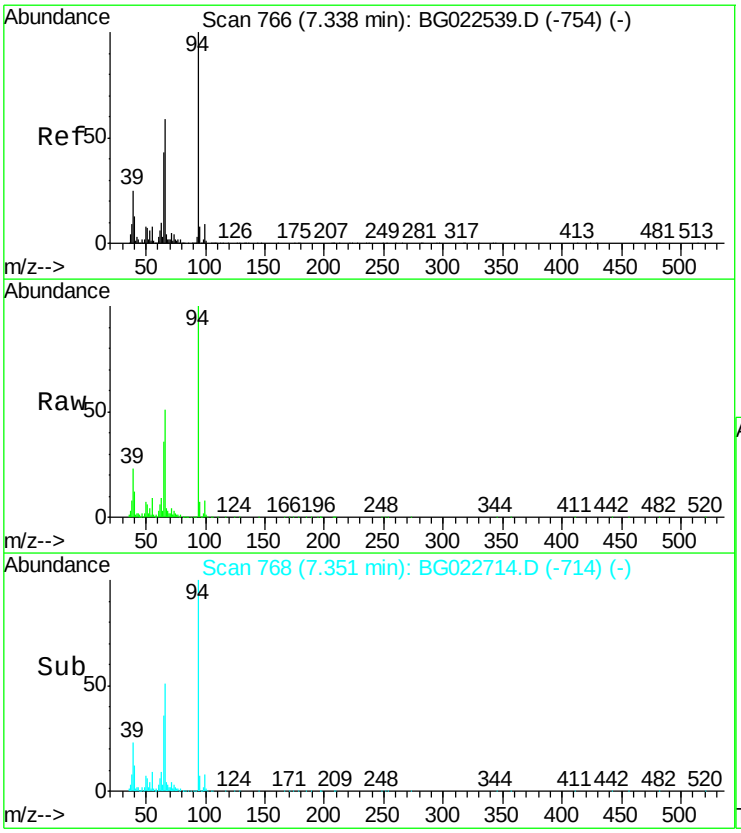

#9
Benzaldehyde
Concen: 54.35 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 220939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 88.1 | 58.7 | 98.7 |
| 106 | 88.2 | 67.5 | 107.5 |

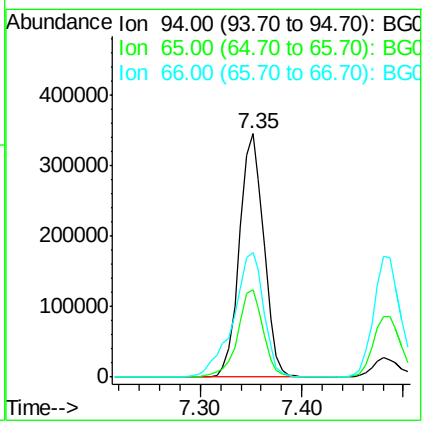


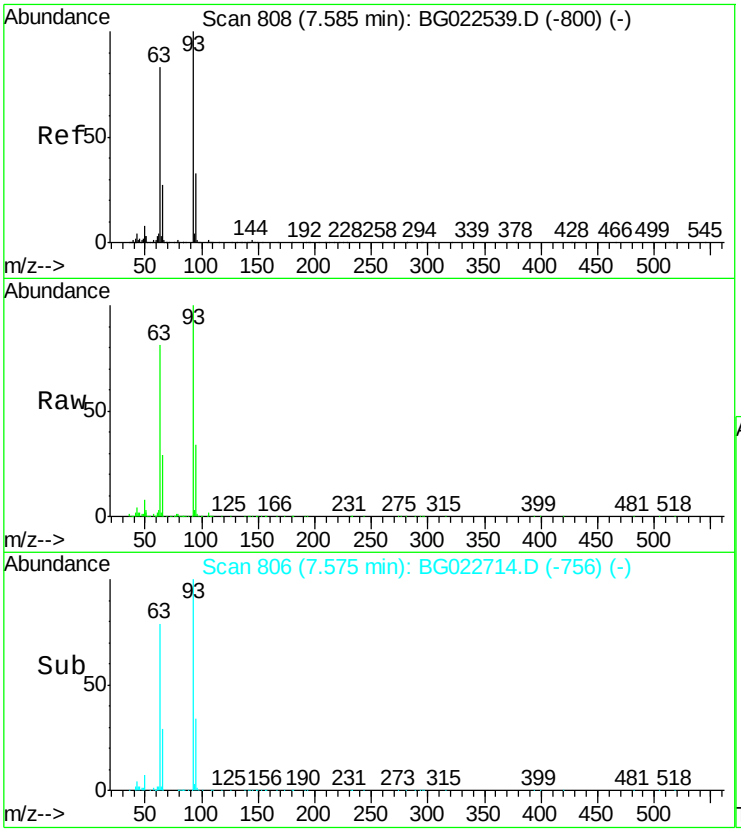




#10
Phenol
Concen: 46.91 ng
RT: 7.35 min Scan# 768
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 94 Resp: 572700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.0 | 18.1 | 58.1 |
| 66 | 51.0 | 42.1 | 82.1 |



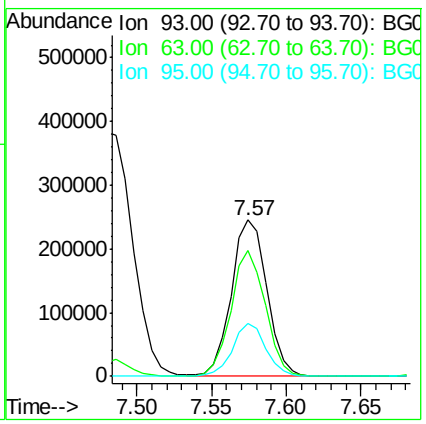


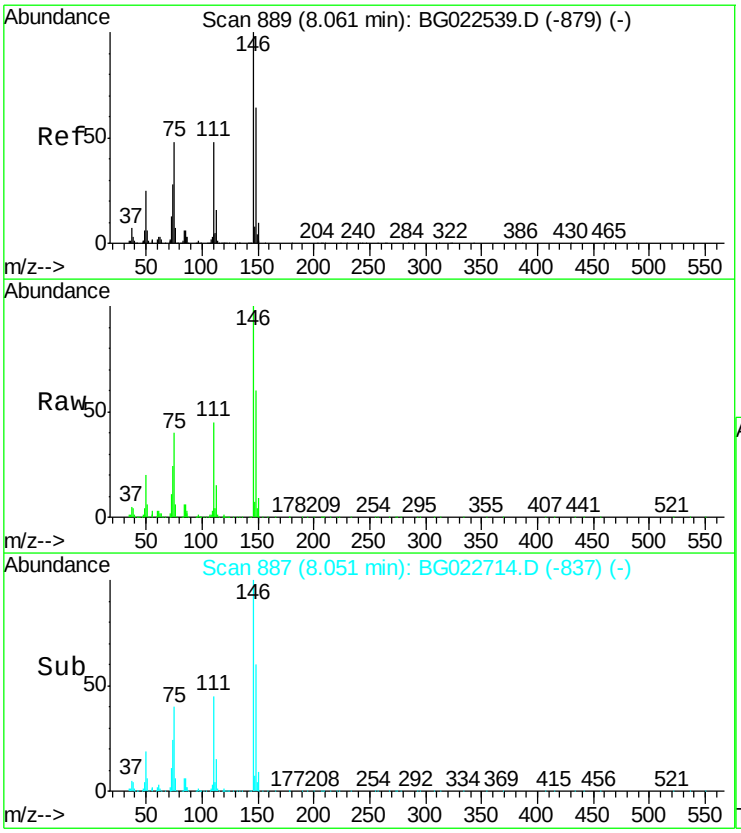

#11
bis(2-Chloroethyl)ether
Concen: 40.47 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 406696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.5 | 55.0 | 95.0 |
| 95 | 33.5 | 11.0 | 51.0 |

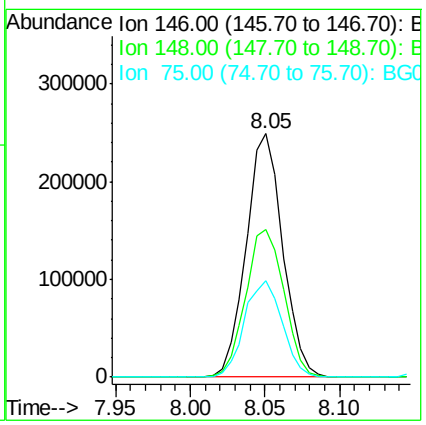


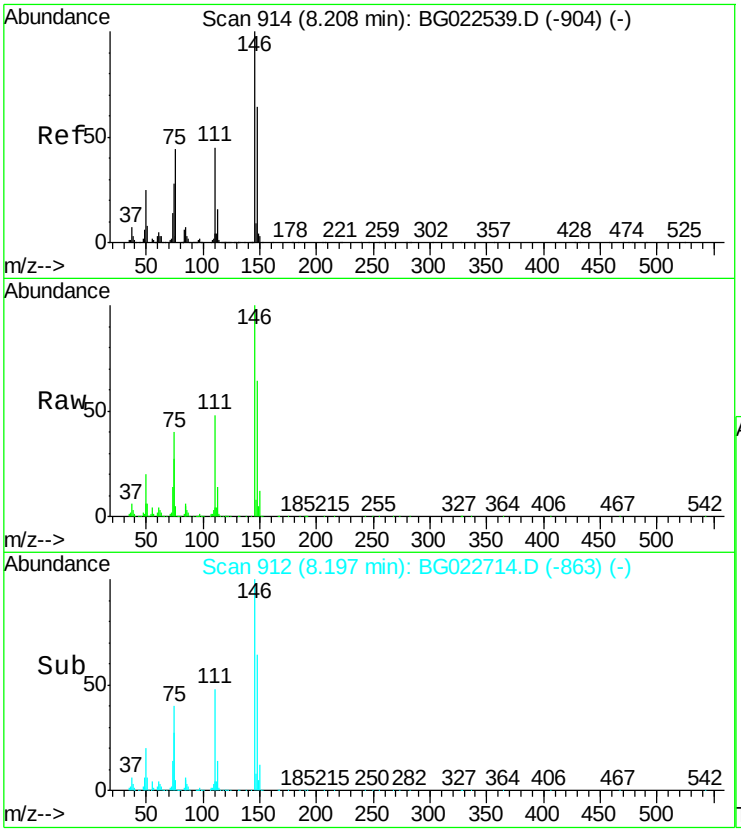




#12
1,3-Dichlorobenzene
Concen: 40.69 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:146 Resp: 420259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 60.4 | 50.3 | 75.5 |
| 75 | 39.8 | 37.0 | 55.6 |



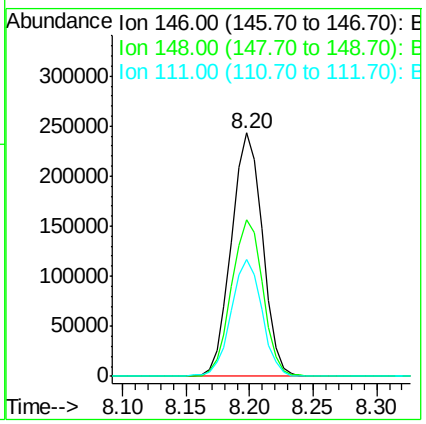


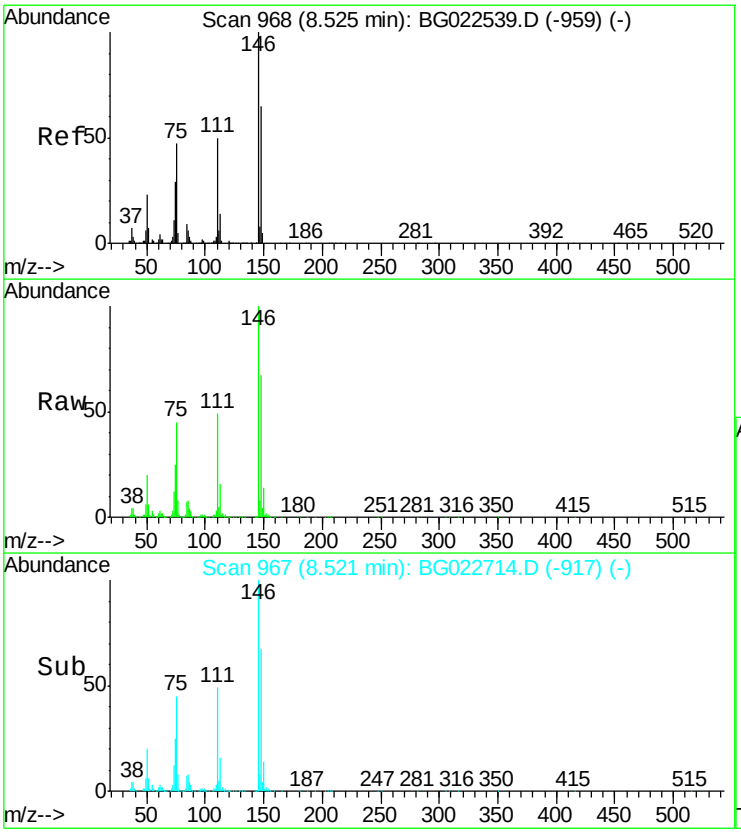

#13
1,4-Dichlorobenzene
Concen: 39.91 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 413275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 54.5 | 81.7 |
| 111 | 47.8 | 37.8 | 56.8 |

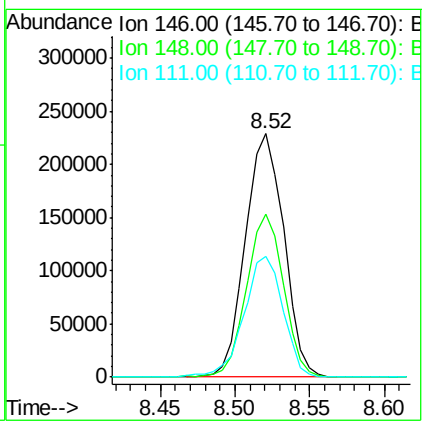


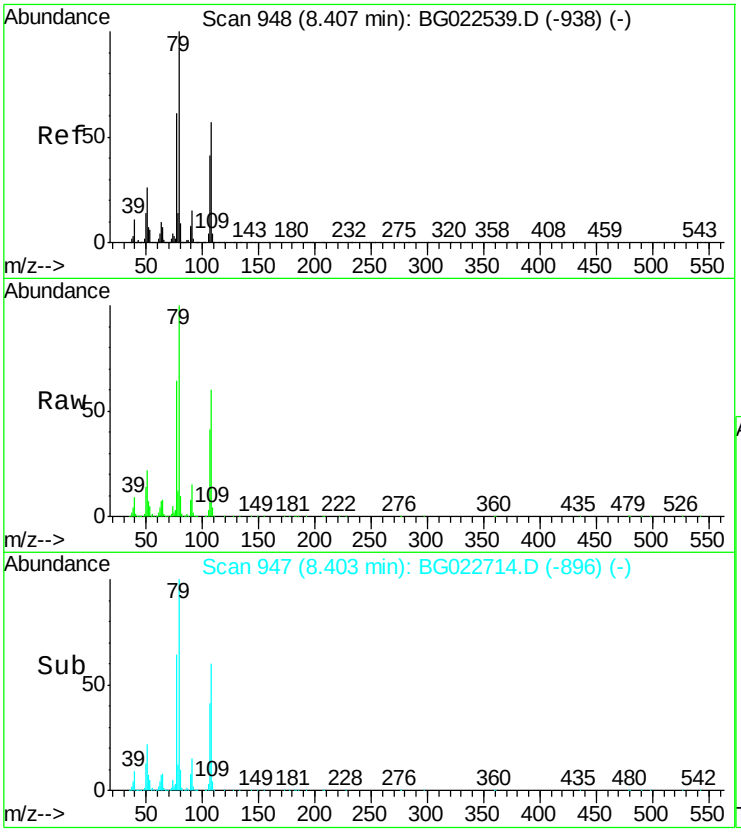




#14
1,2-Dichlorobenzene
Concen: 41.35 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:146 Resp: 407211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.9 | 52.9 | 79.3 |
| 111 | 49.3 | 43.5 | 65.3 |



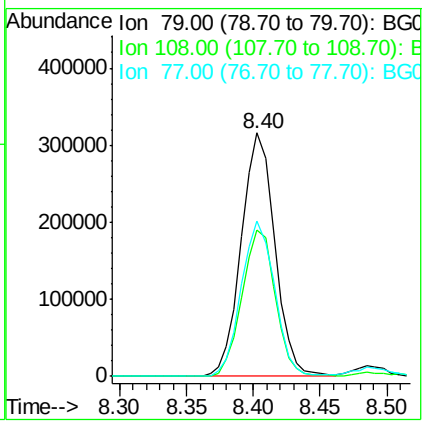


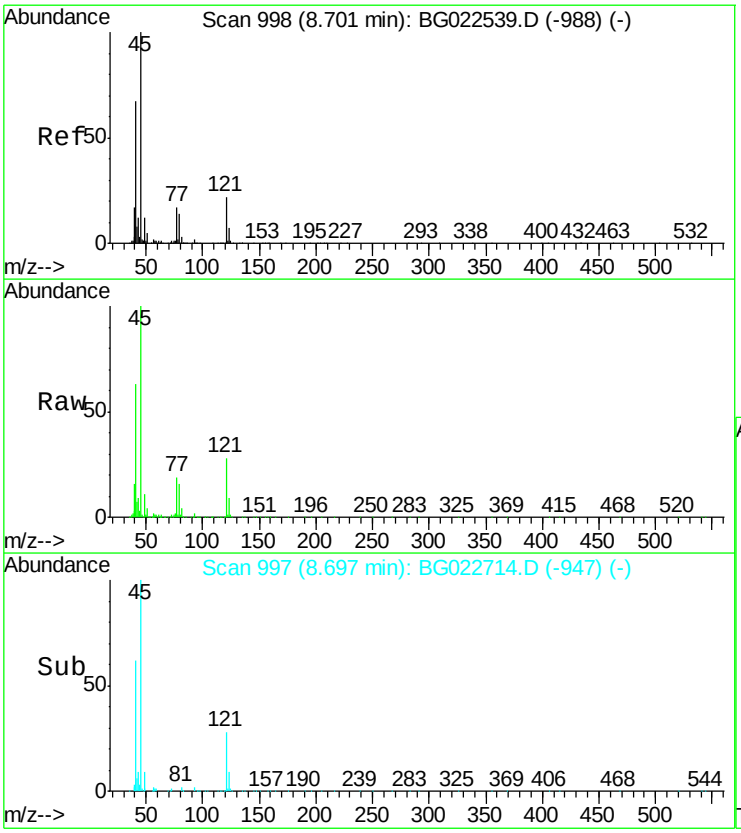

#15
Benzyl Alcohol
Concen: 51.35 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 548760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 60.0 | 46.5 | 69.7 |
| 77 | 63.7 | 52.3 | 78.5 |

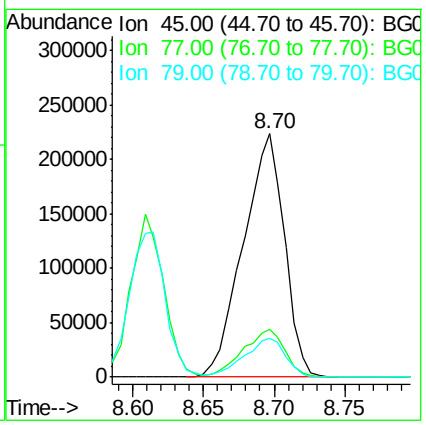


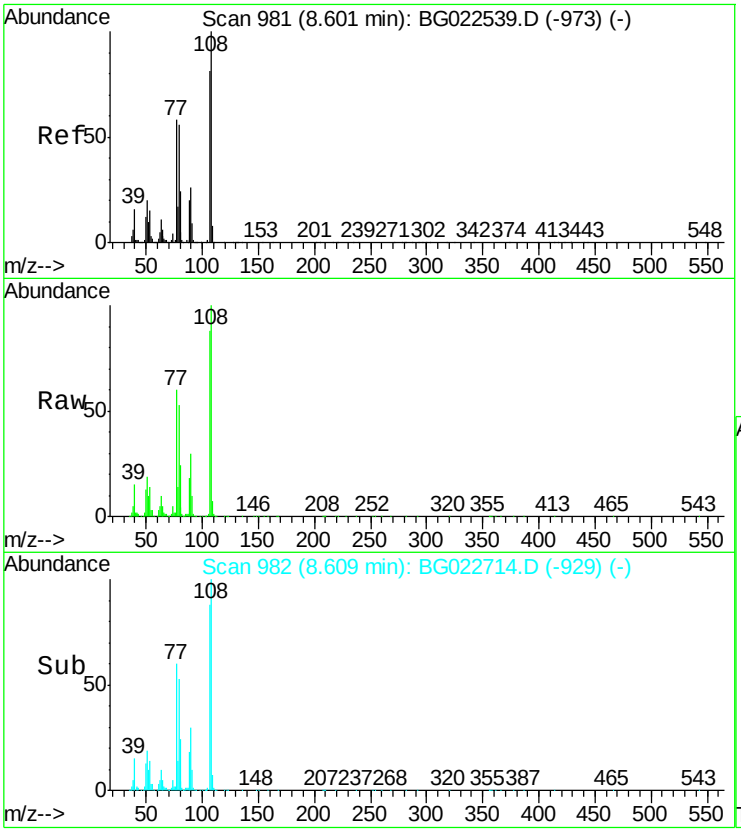




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.99 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 45 Resp: 455561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.5 | 0.6 | 40.6 |
| 79 | 15.7 | 0.0 | 36.2 |



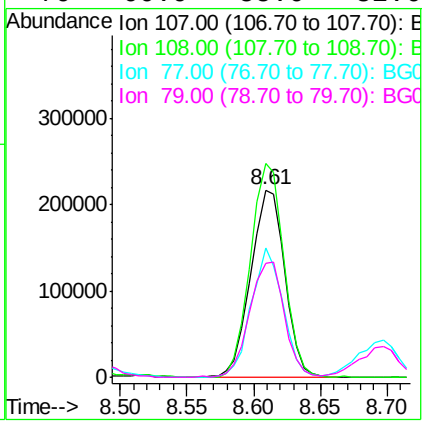


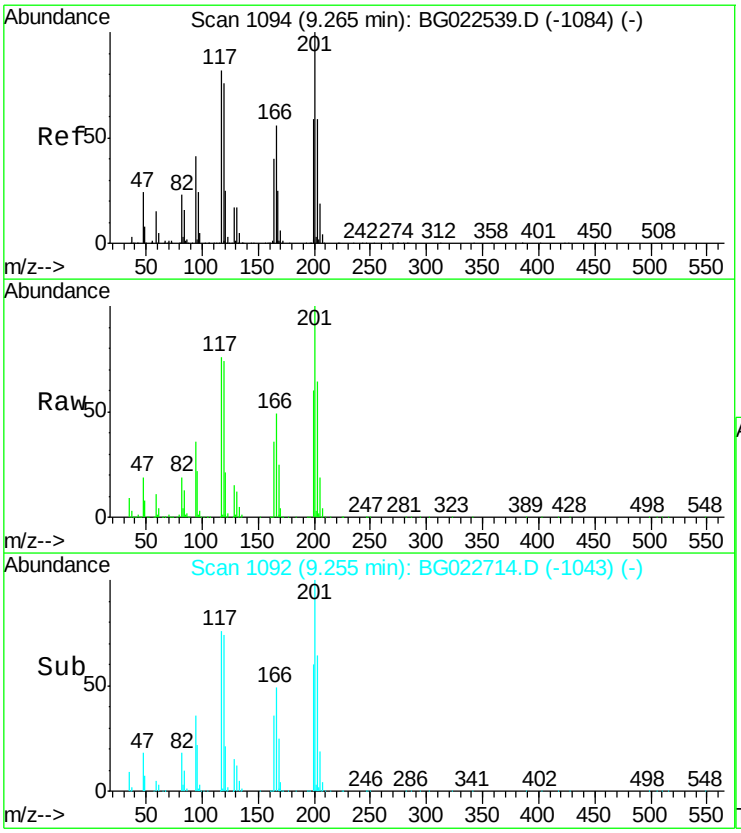

#17
2-Methylphenol
Concen: 47.47 ng
RT: 8.61 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 381961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.2 | 92.0 | 138.0 |
| 77 | 68.8 | 55.8 | 83.6 |
| 79 | 60.9 | 55.0 | 82.6 |

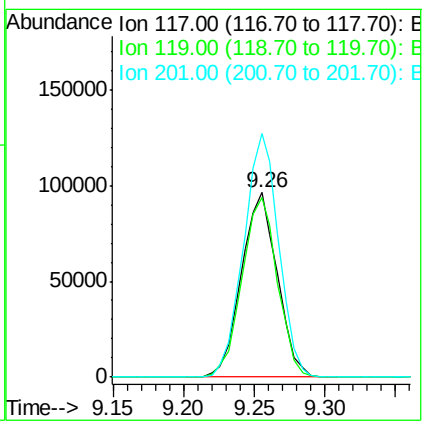


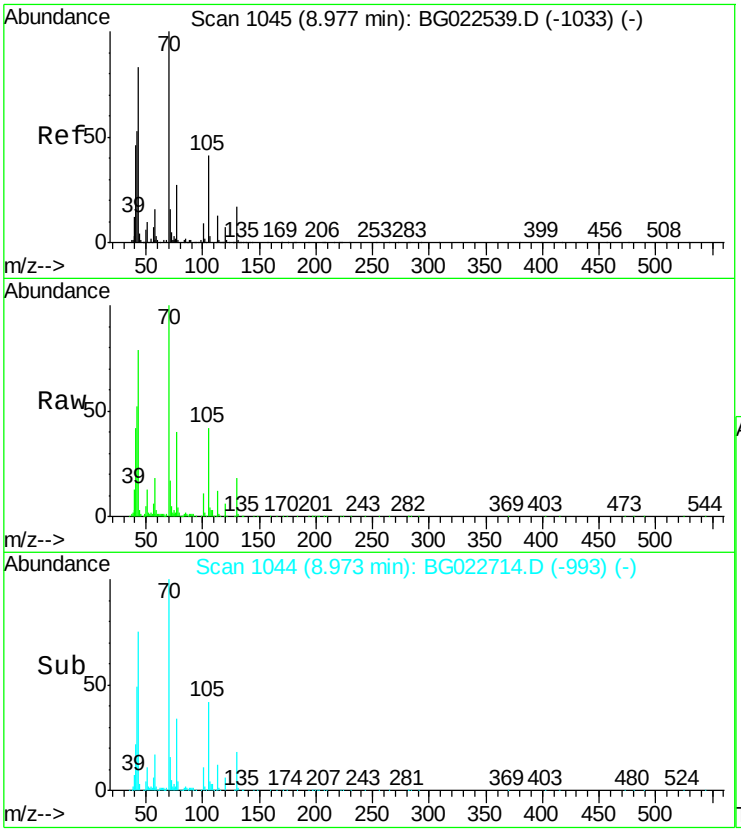




#18
Hexachloroethane
Concen: 39.86 ng
RT: 9.26 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:117 Resp: 170837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 73.7 | 110.5 |
| 201 | 130.1 | 88.7 | 133.1 |



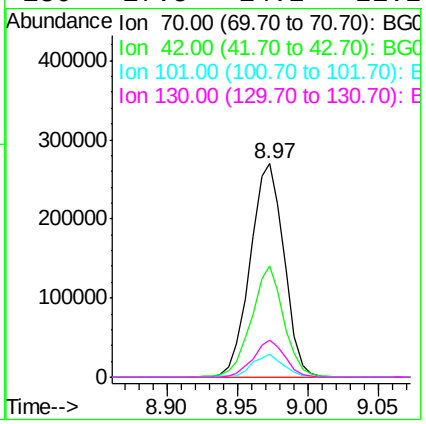


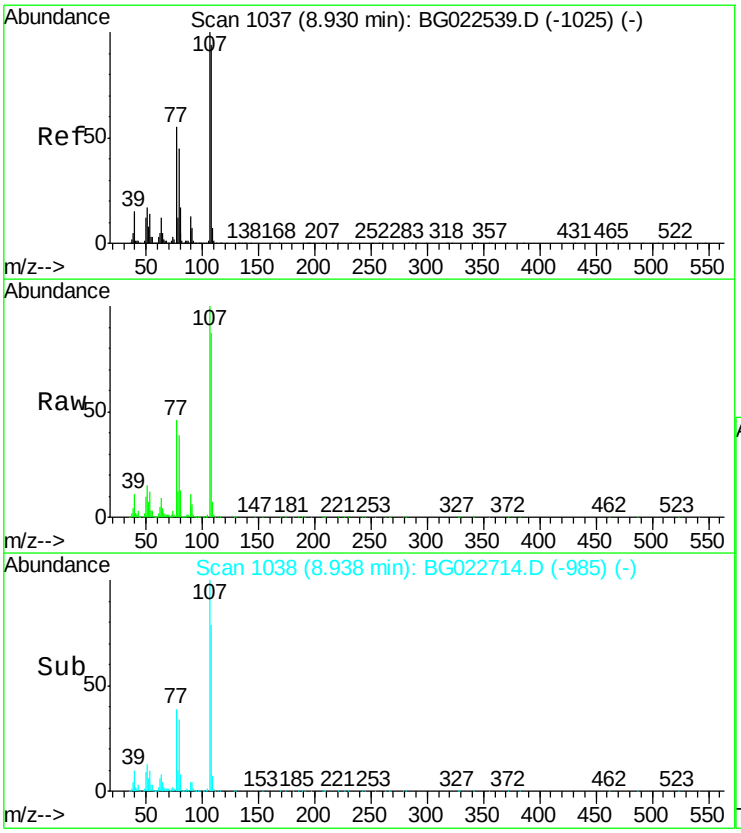

#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 454297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.4 | 42.1 | 63.1 |
| 101 | 10.7 | 7.2 | 10.8 |
| 130 | 17.5 | 14.2 | 21.2 |

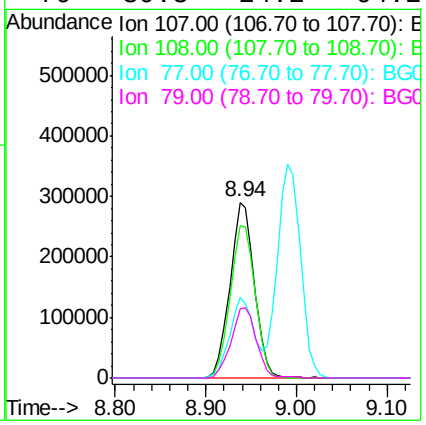


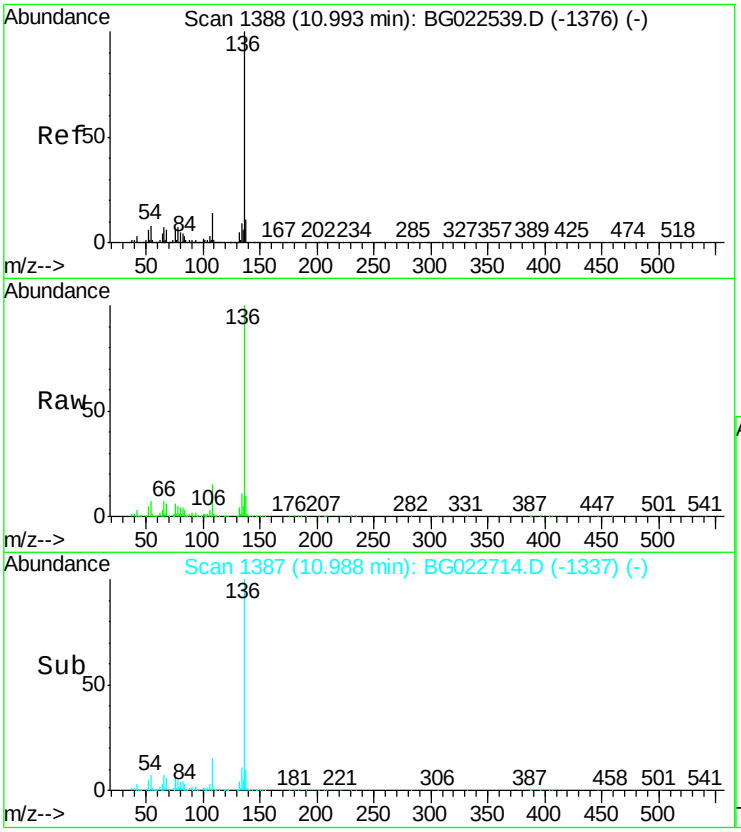




#20
3+4-Methylphenols
Concen: 49.06 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:107 Resp: 543795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.7 | 72.5 | 112.5 |
| 77 | 46.0 | 30.1 | 70.1 |
| 79 | 39.3 | 24.2 | 64.2 |



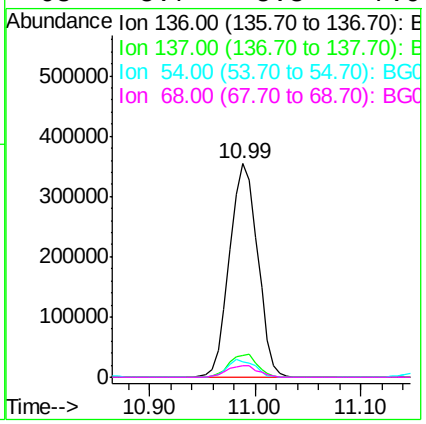


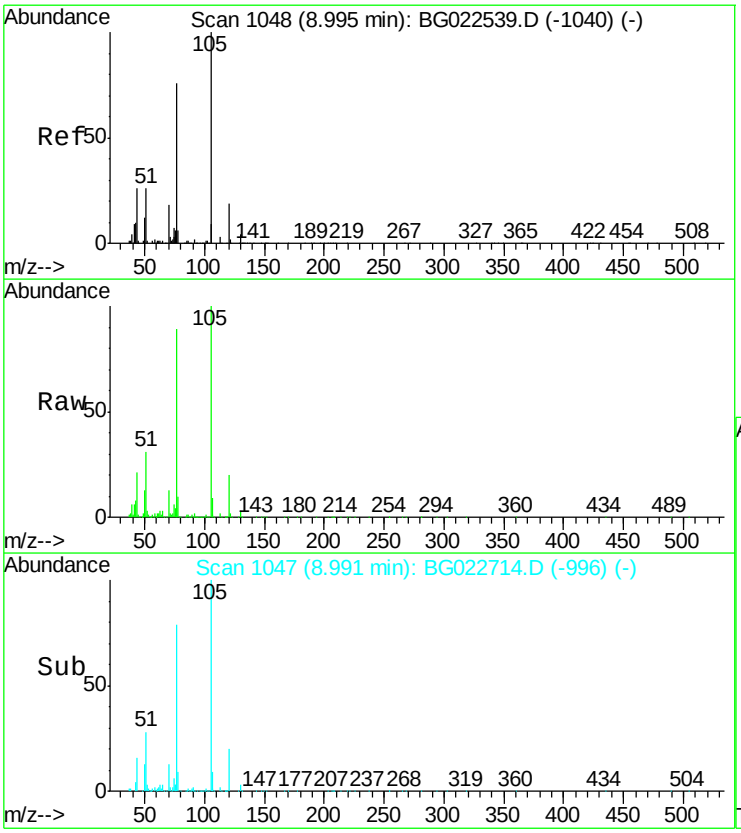

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 650898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 9.6 | 14.4 |
| 54 | 7.2 | 7.3 | 10.9# |
| 68 | 5.7 | 5.3 | 7.9 |

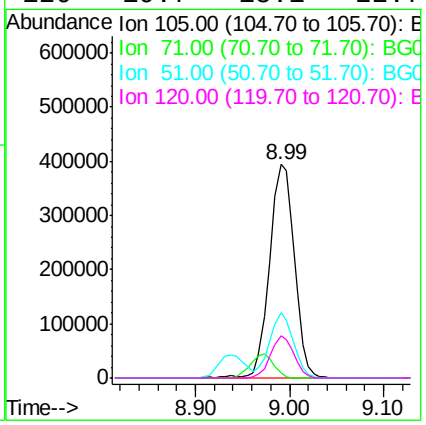


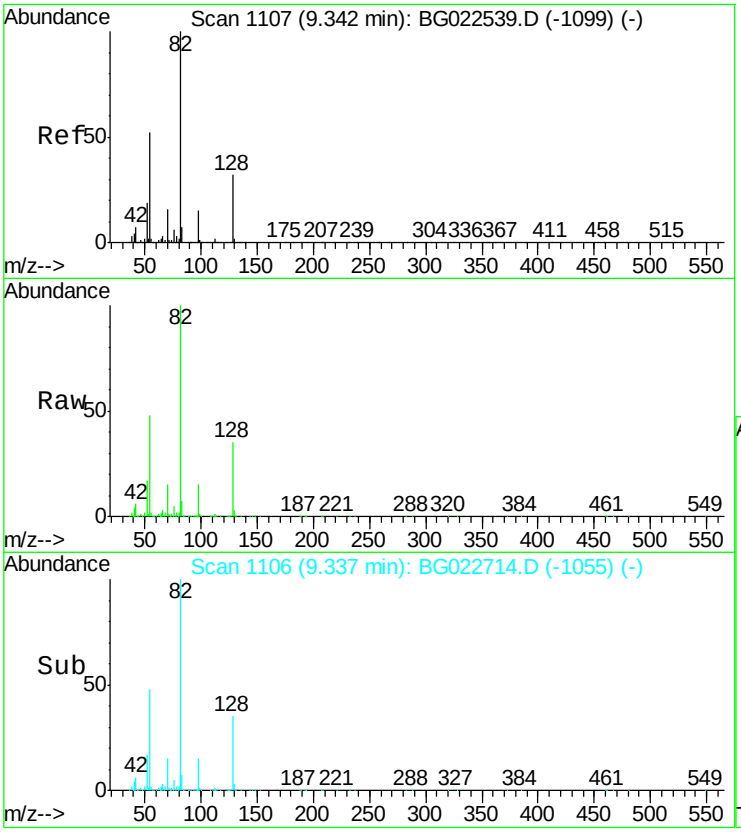




#22
Acetophenone
Concen: 38.36 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:105 Resp: 721842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.4 | 2.6 | 3.8# |
| 51 | 30.8 | 27.1 | 40.7 |
| 120 | 19.7 | 15.1 | 22.7 |



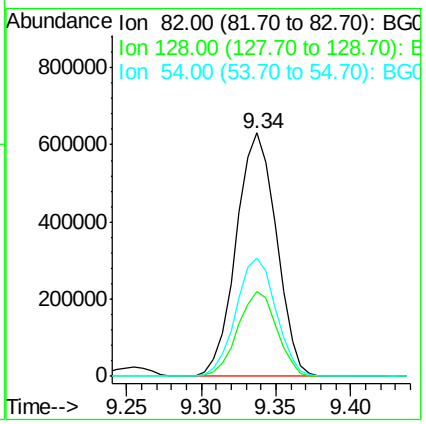


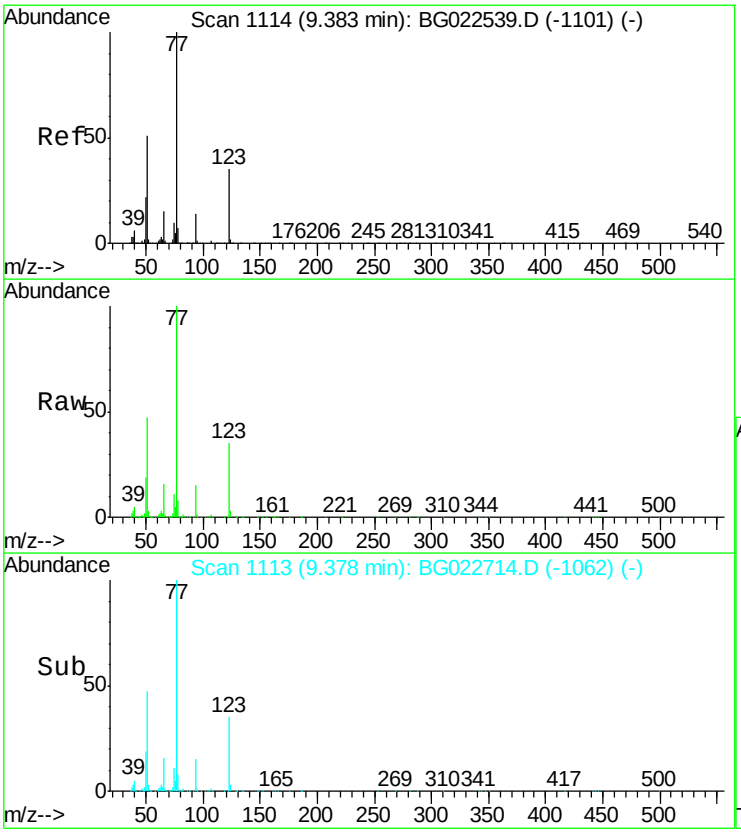

#23
Nitrobenzene-d5
Concen: 76.45 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 1175699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.7 | 24.4 | 36.6 |
| 54 | 48.3 | 41.4 | 62.0 |

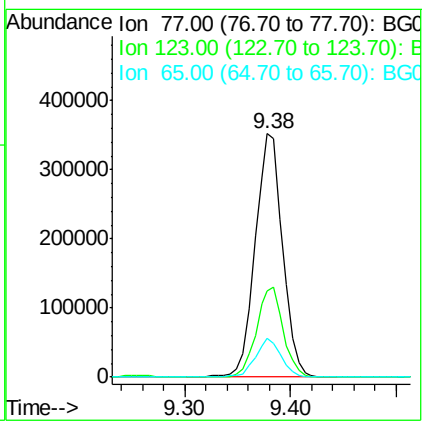


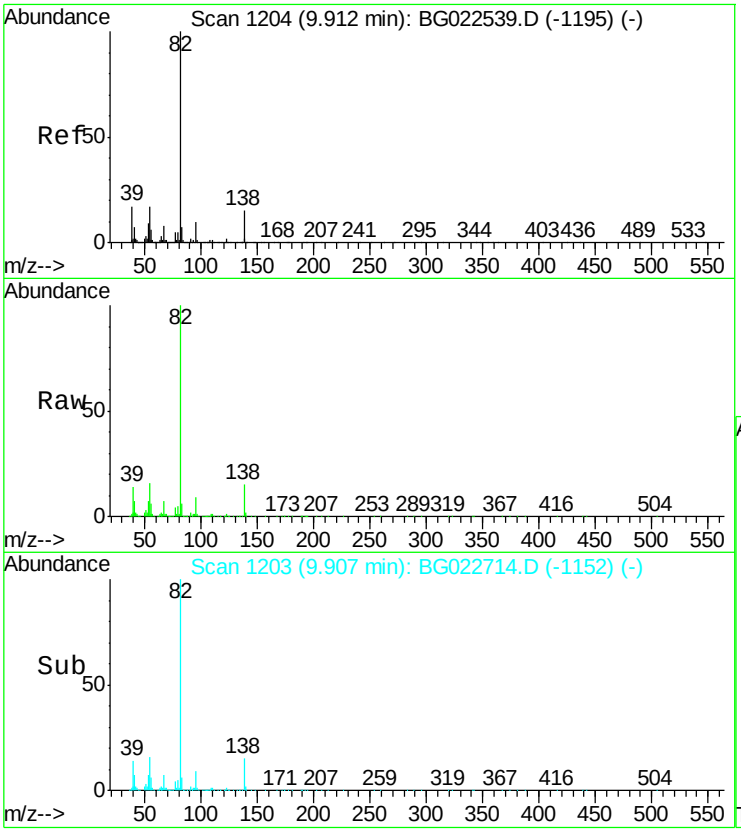




#24
Nitrobenzene
Concen: 37.34 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 77 Resp: 634695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 35.3 | 25.0 | 37.6 |
| 65 | 15.7 | 13.4 | 20.0 |



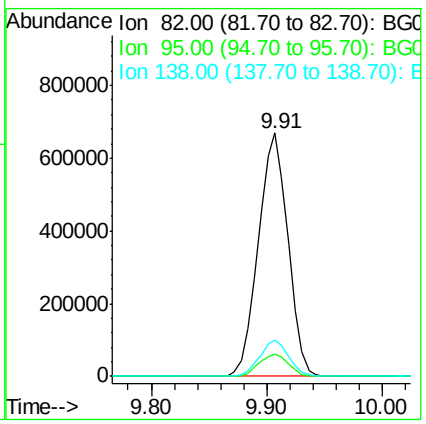


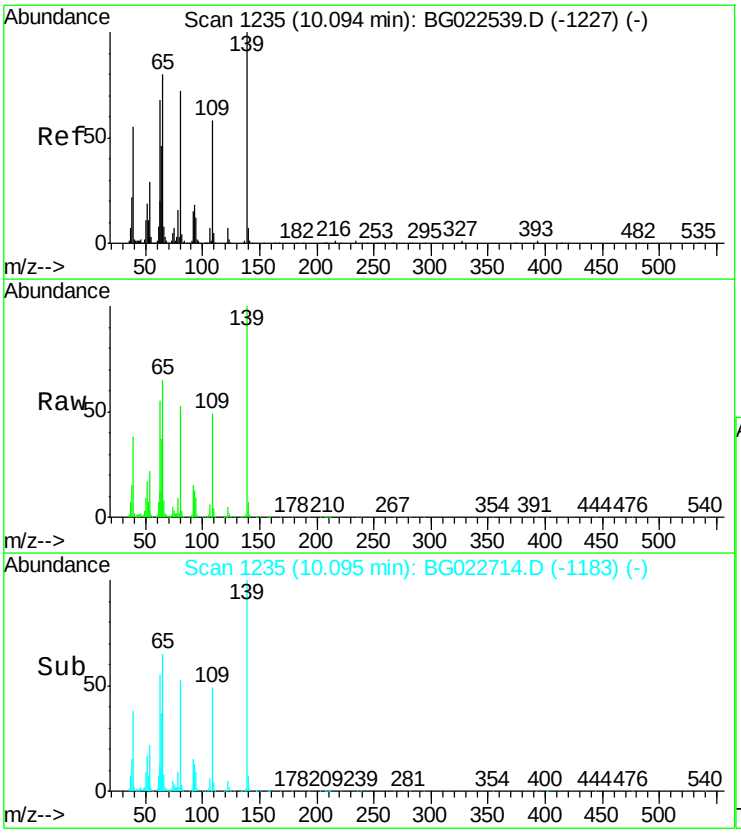

#25
Isophorone
Concen: 39.99 ng
RT: 9.91 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 1193898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.1 | 8.2 | 12.2 |
| 138 | 15.0 | 10.7 | 16.1 |

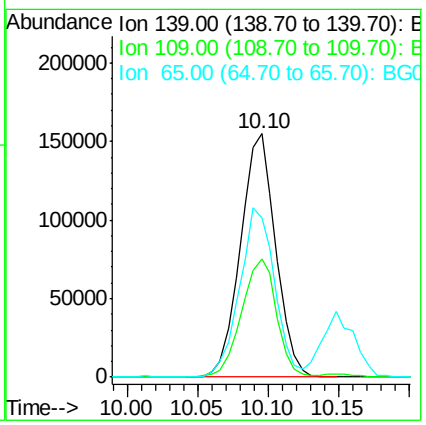


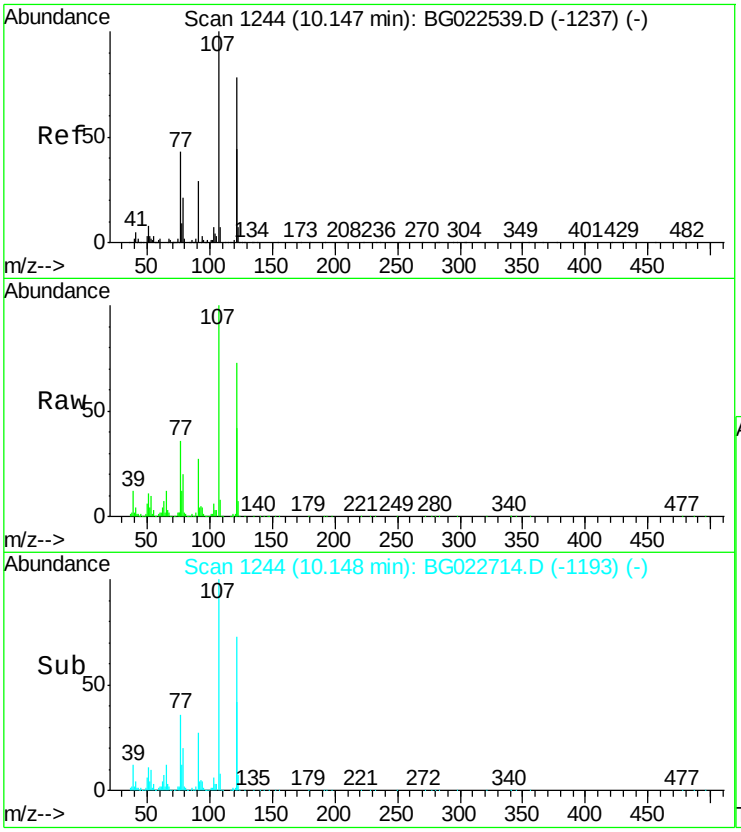




#26
2-Nitrophenol
Concen: 44.01 ng
RT: 10.10 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:139 Resp: 269430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 48.6 | 43.5 | 65.3 |
| 65 | 65.3 | 64.3 | 96.5 |



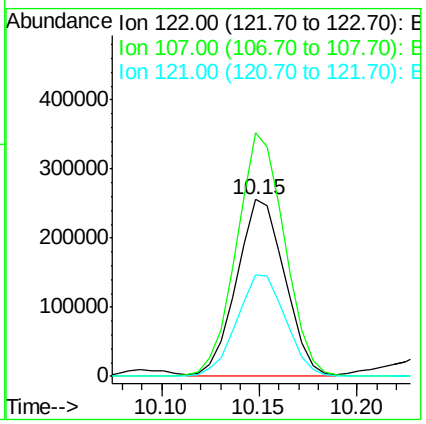


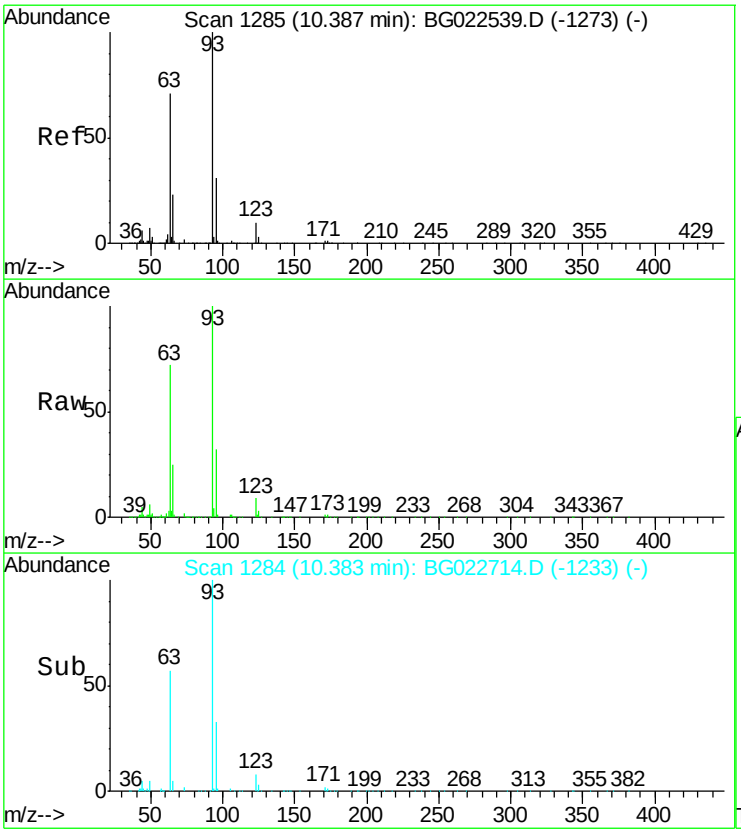

#27
2,4-Dimethylphenol
Concen: 37.43 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 437843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 137.9 | 117.0 | 175.4 |
| 121 | 57.4 | 50.1 | 75.1 |

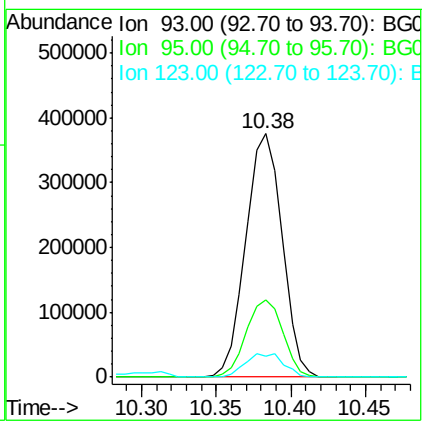


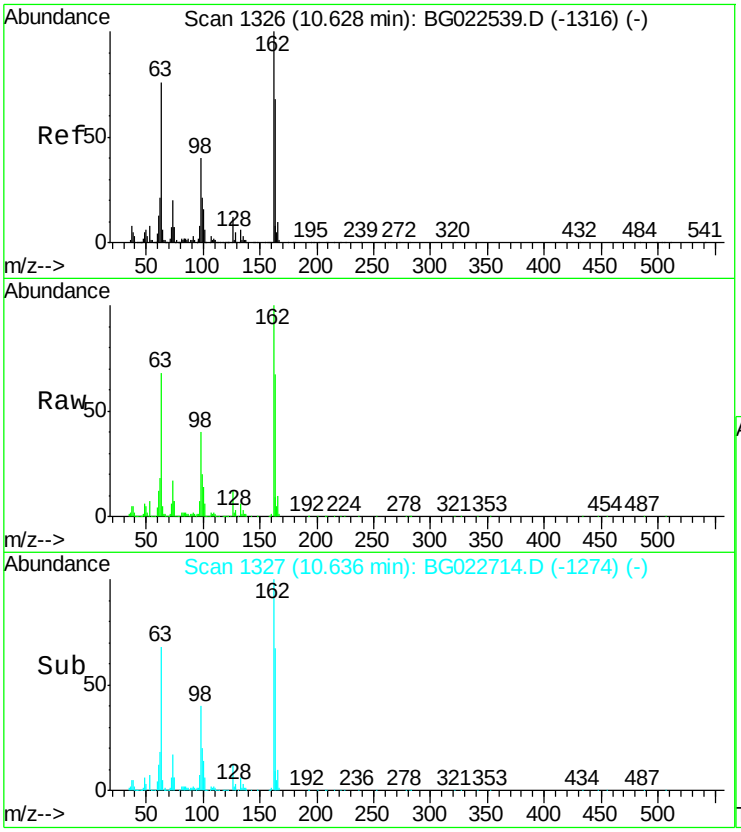




#28
bis(2-Chloroethoxy)methane
Concen: 38.78 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 93 Resp: 632078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 25.4 | 38.2 |
| 123 | 8.6 | 8.2 | 12.2 |



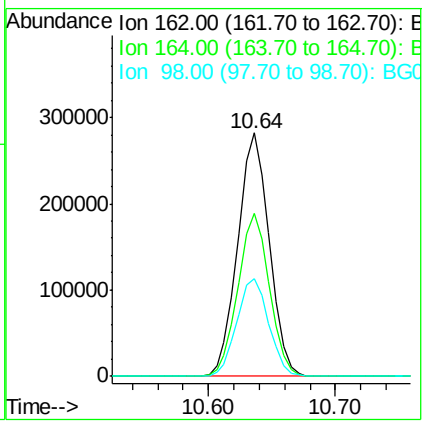


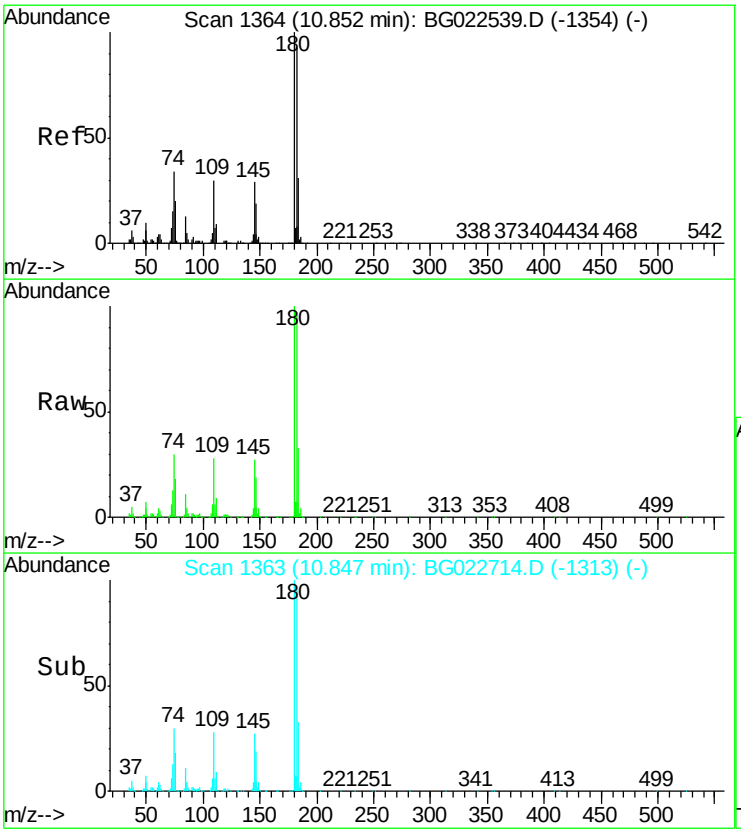

#29
2,4-Dichlorophenol
Concen: 42.65 ng
RT: 10.64 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 486081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.9 | 44.3 | 84.3 |
| 98 | 40.4 | 19.5 | 59.5 |

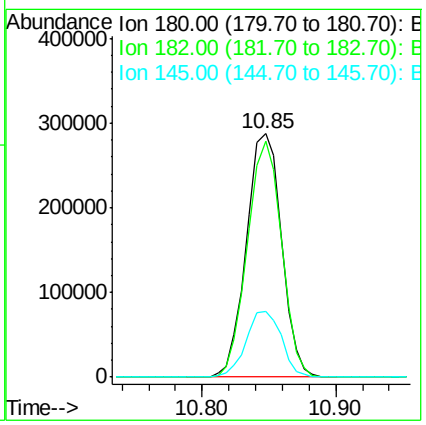


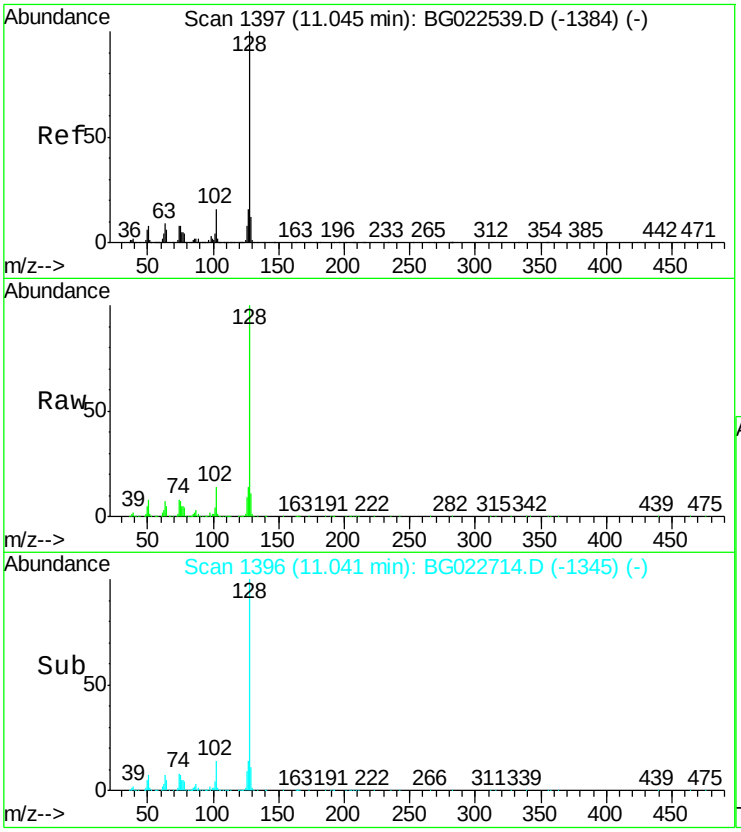




#30
1,2,4-Trichlorobenzene
Concen: 38.61 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:180 Resp: 522479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 73.8 | 110.8 |
| 145 | 26.8 | 24.4 | 36.6 |



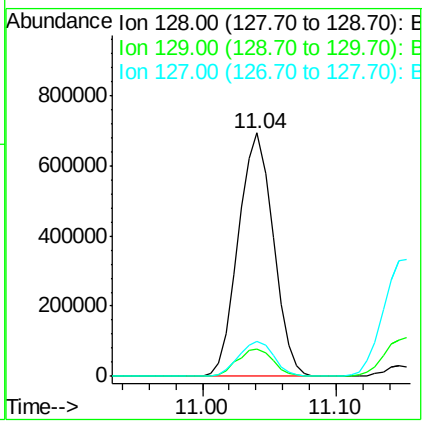


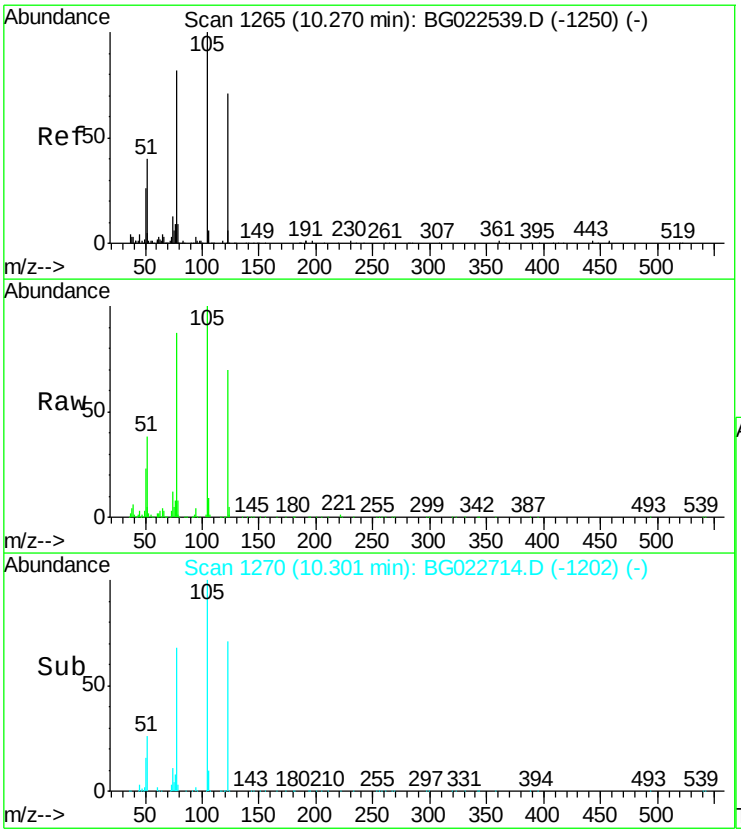

#31
Naphthalene
Concen: 38.40 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 1256267

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

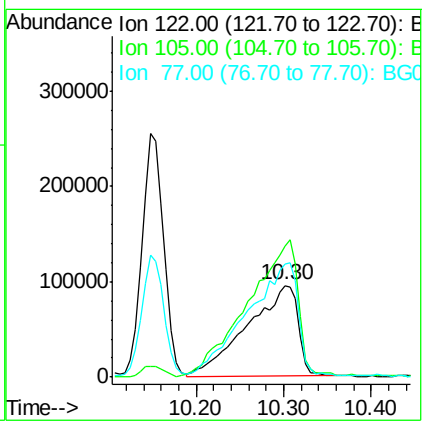


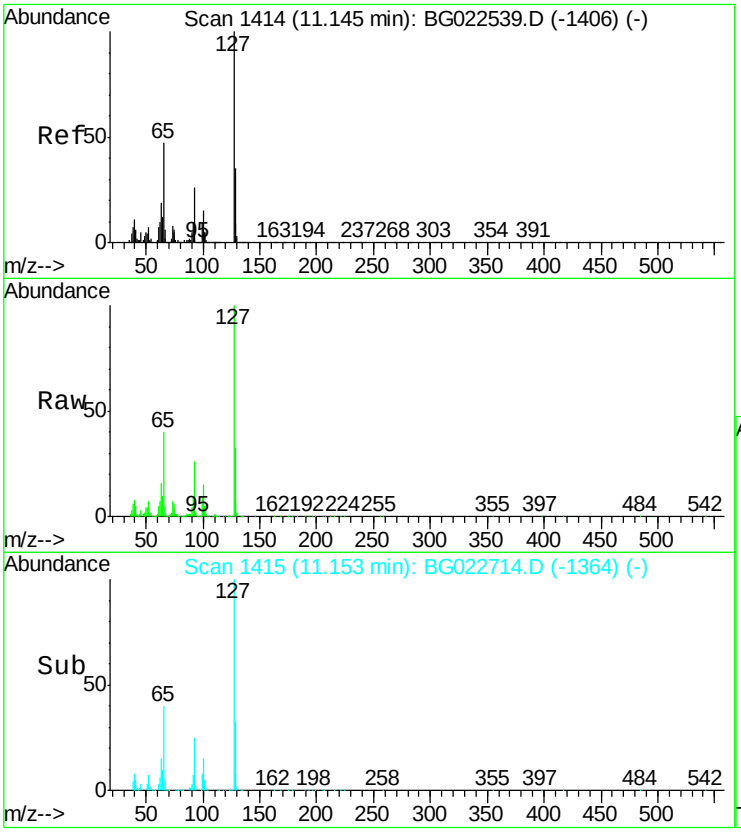




#32
Benzoic acid
Concen: 49.43 ng
RT: 10.30 min Scan# 1270
Delta R.T. 0.10 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:122 Resp: 379263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 142.4 | 117.2 | 157.2 |
| 77 | 123.8 | 109.2 | 149.2 |



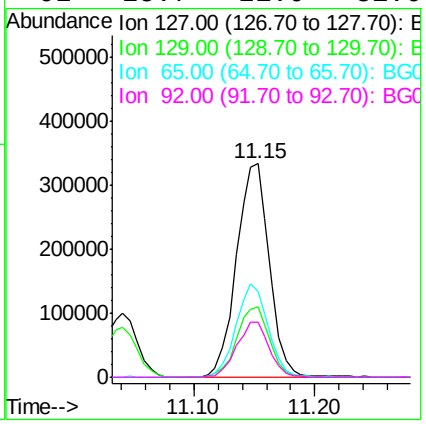


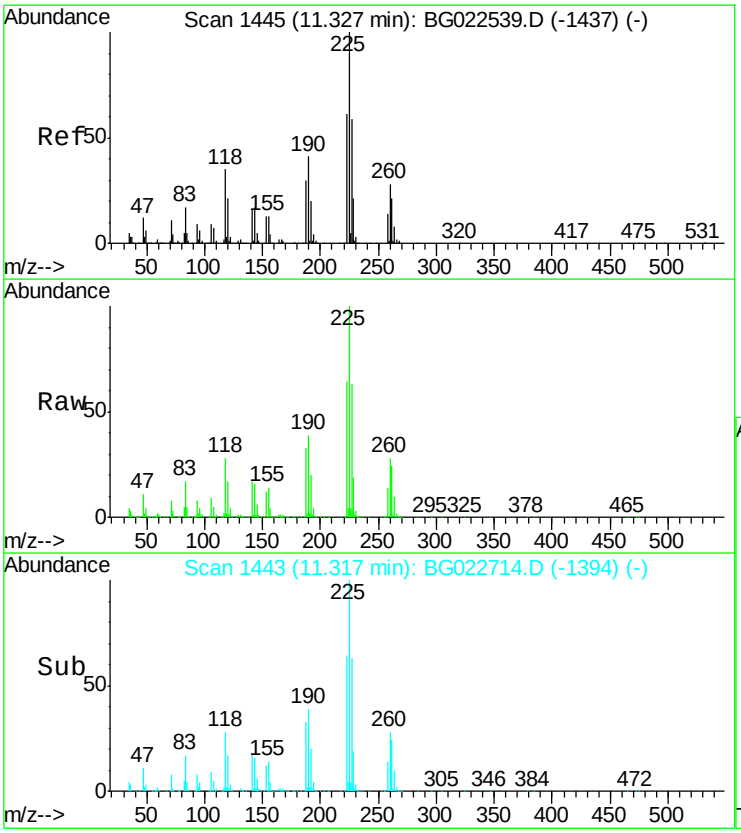

#33
4-Chloroaniline
Concen: 44.79 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 631171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 27.9 | 41.9 |
| 65 | 40.1 | 36.8 | 55.2 |
| 92 | 25.7 | 21.0 | 31.6 |

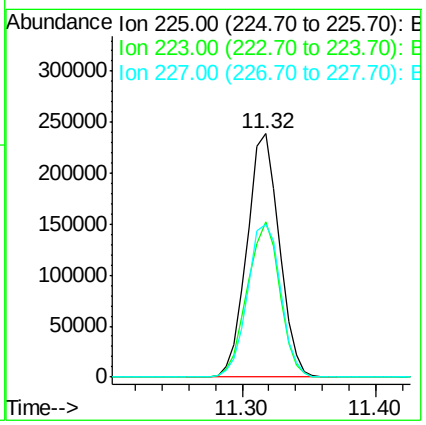


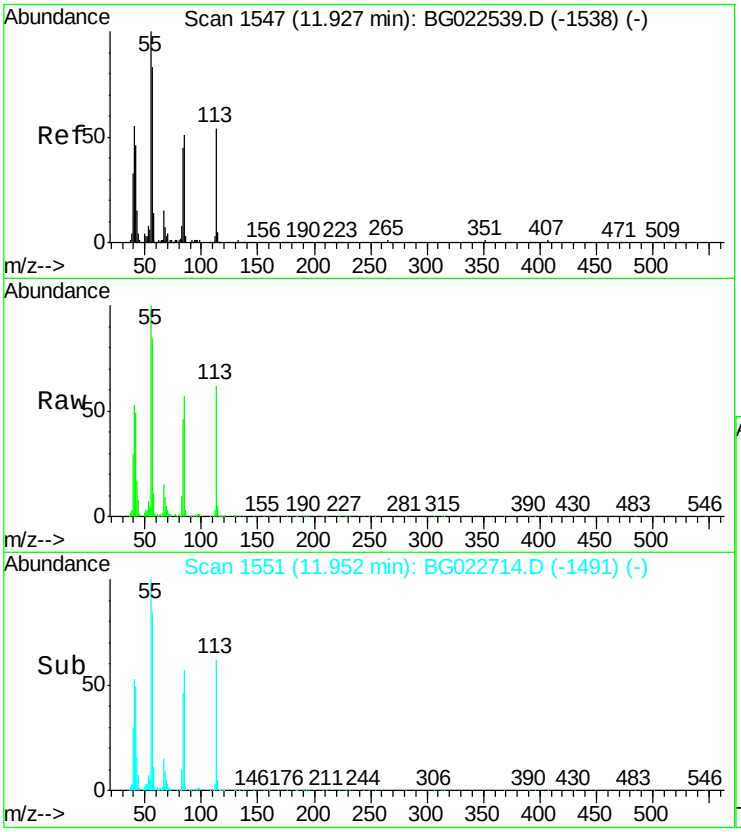




#34
Hexachlorobutadiene
Concen: 37.79 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:225 Resp: 397424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 49.6 | 74.4 |
| 227 | 62.9 | 54.5 | 81.7 |



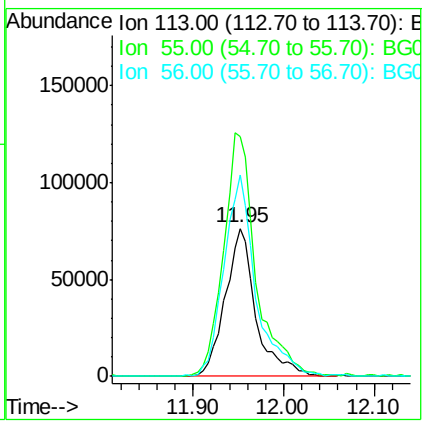


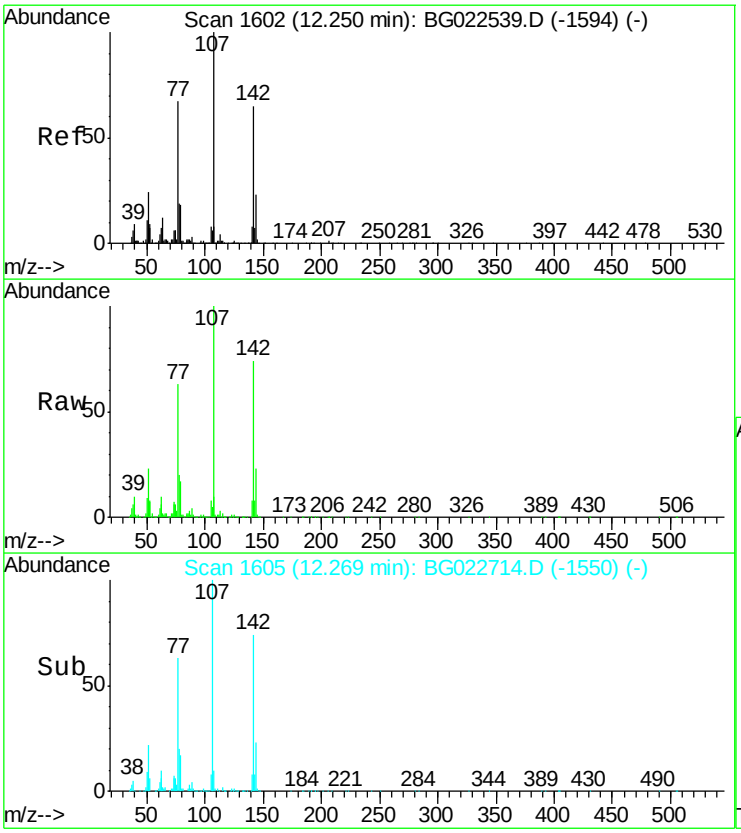

#35
Caprolactam
Concen: 50.11 ng
RT: 11.95 min Scan# 1551
Delta R.T. 0.05 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 179904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 161.9 | 154.5 | 194.5 |
| 56 | 136.5 | 125.1 | 165.1 |

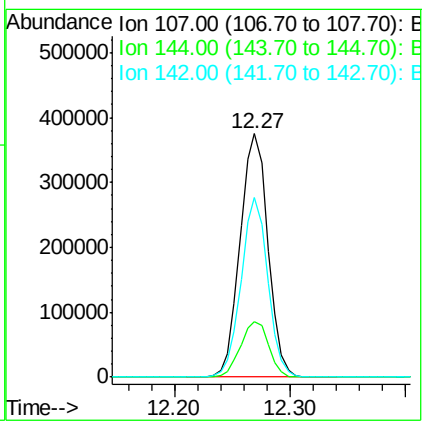


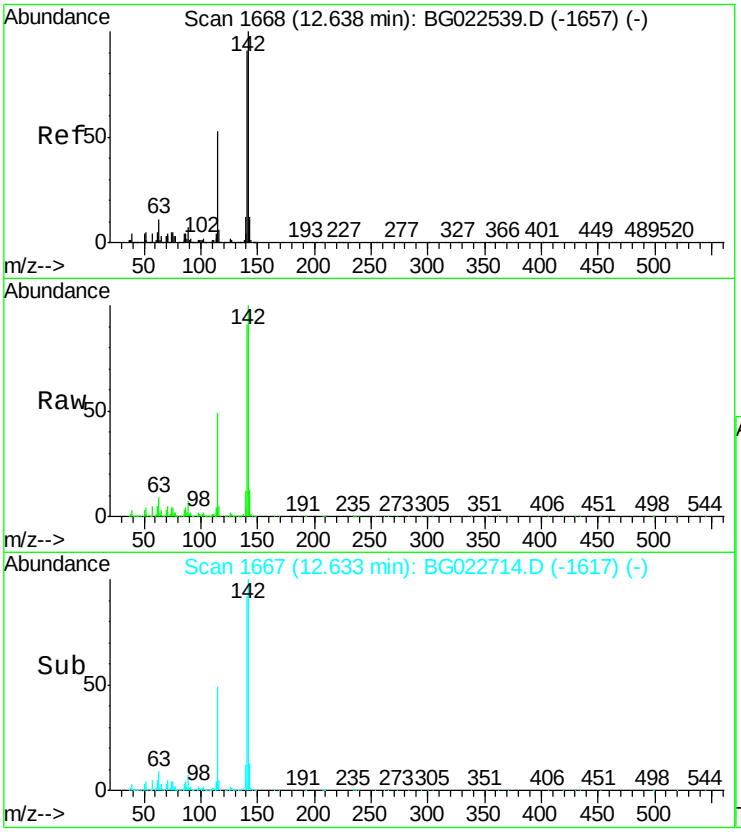




#36
4-Chloro-3-methylphenol
Concen: 44.87 ng
RT: 12.27 min Scan# 1605
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:107 Resp: 627727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.0 | 17.0 | 25.6 |
| 142 | 73.5 | 53.0 | 79.6 |



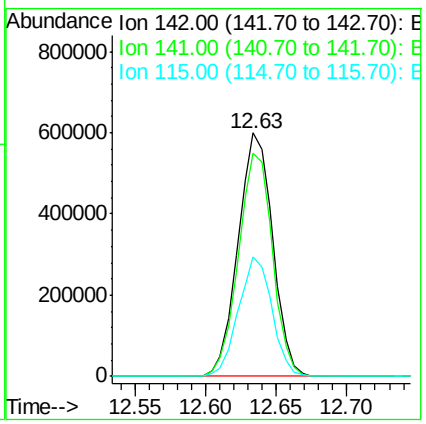


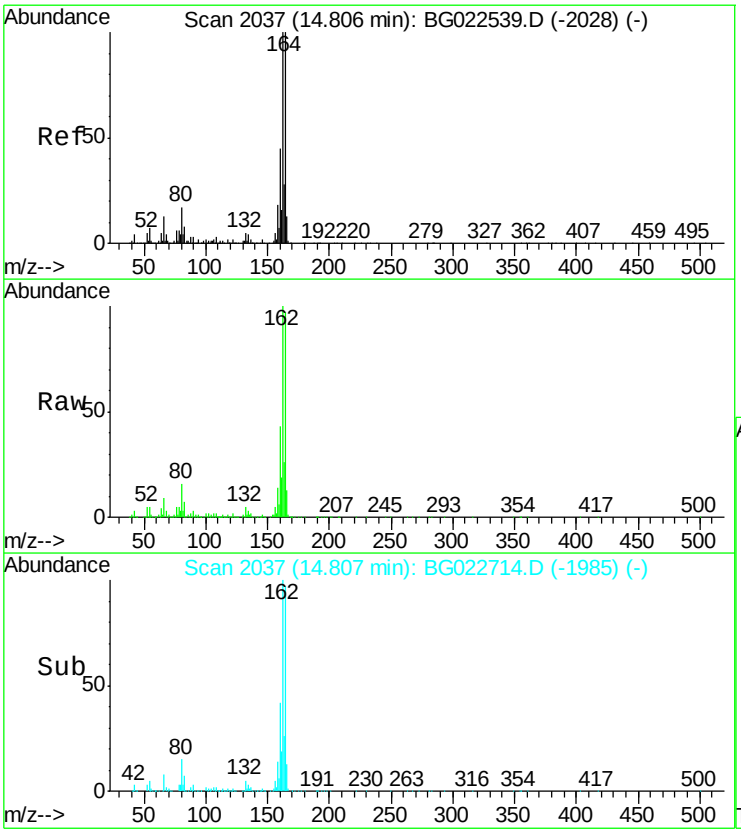

#37
2-Methylnaphthalene
Concen: 40.47 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 1026875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 70.2 | 105.2 |
| 115 | 48.8 | 41.7 | 62.5 |

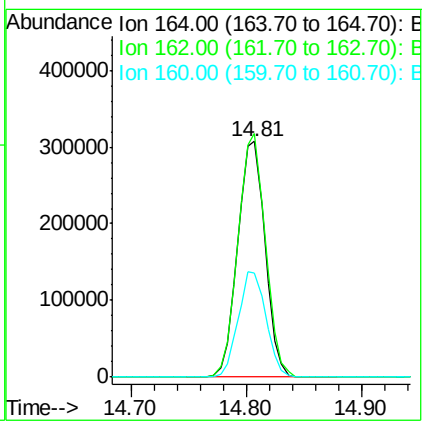


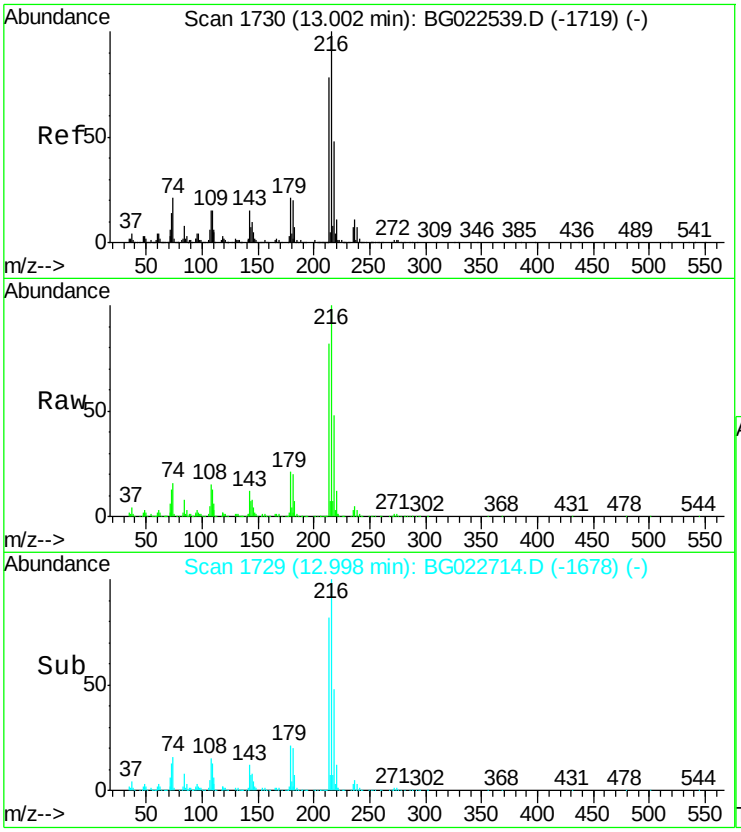




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:164 Resp: 505917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 87.7 | 131.5 |
| 160 | 44.0 | 37.2 | 55.8 |



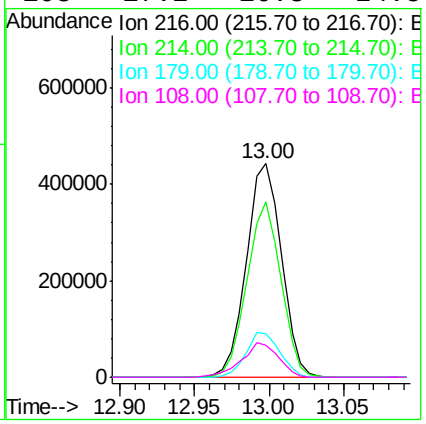


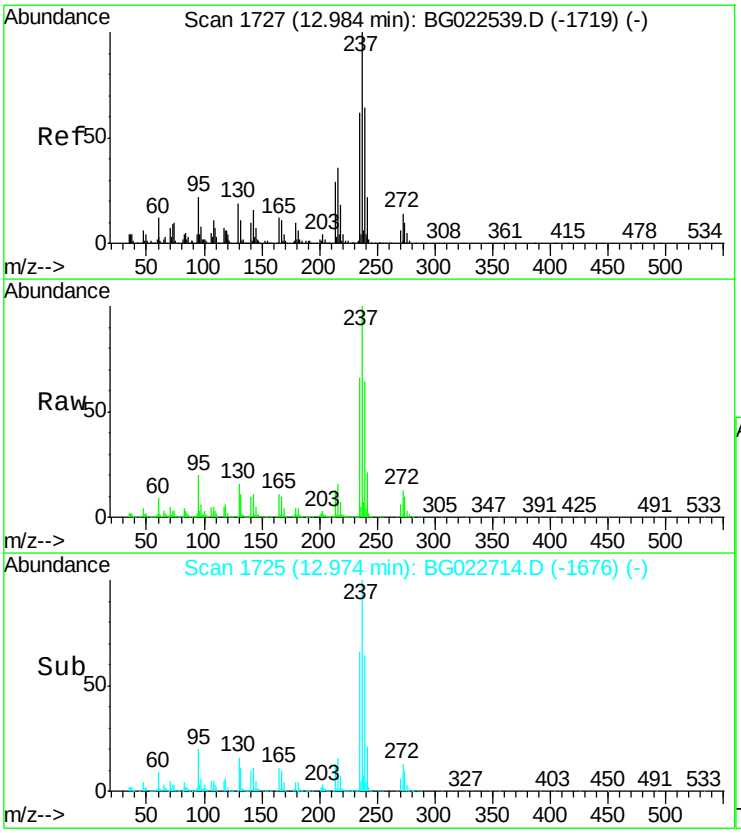

#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.61 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:216 Resp: 718257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 62.9 | 94.3 |
| 179 | 20.3 | 17.2 | 25.8 |
| 108 | 17.2 | 16.3 | 24.5 |

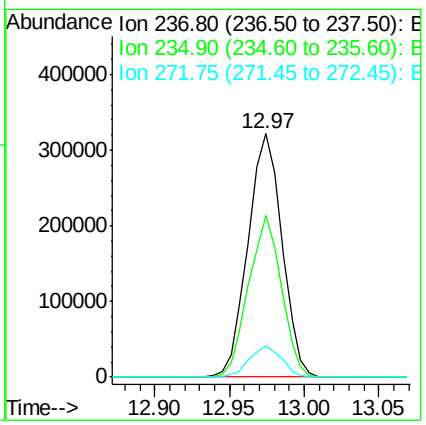


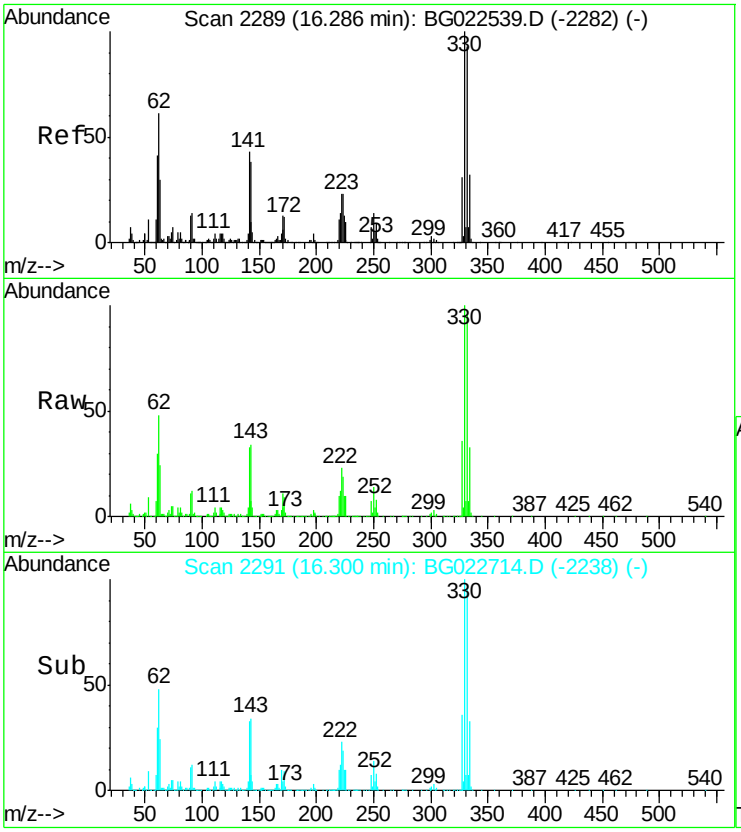




#40
Hexachlorocyclopentadiene
Concen: 33.17 ng
RT: 12.97 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:237 Resp: 505736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.3 | 43.1 | 83.1 |
| 272 | 12.9 | 0.0 | 30.9 |



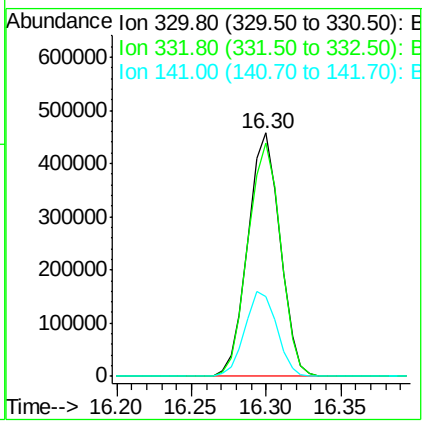


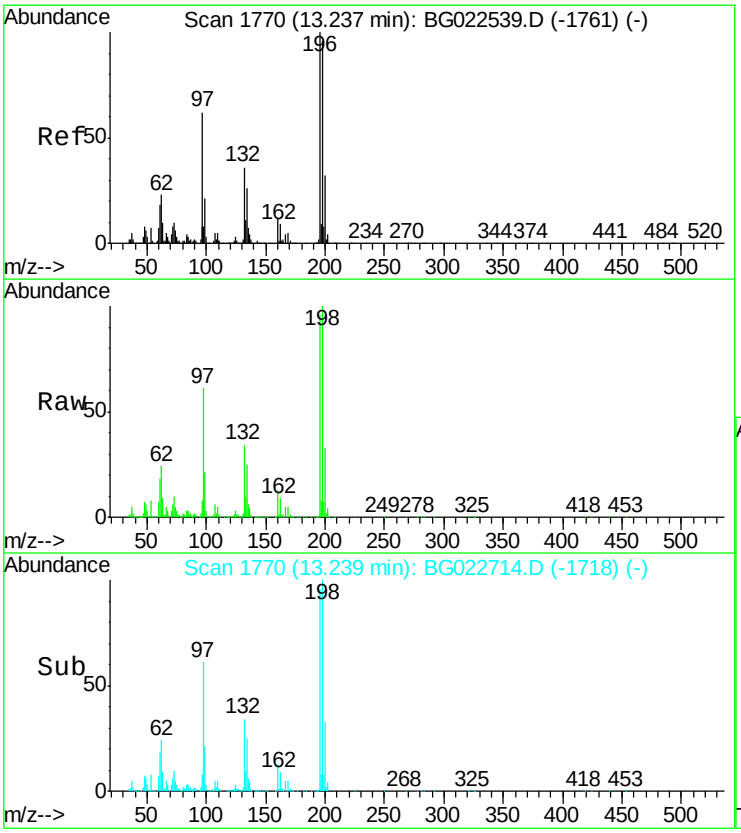

#41
2,4,6-Tribromophenol
Concen: 85.75 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:330 Resp: 682340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.4 | 116.2 |
| 141 | 34.6 | 31.7 | 47.5 |

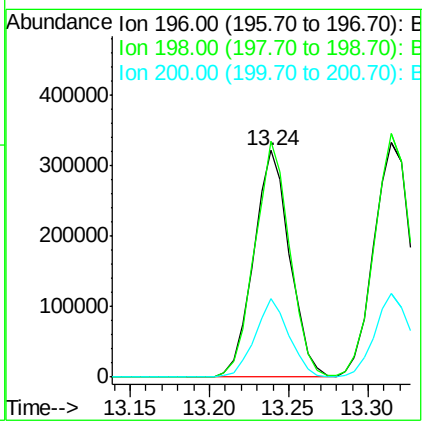


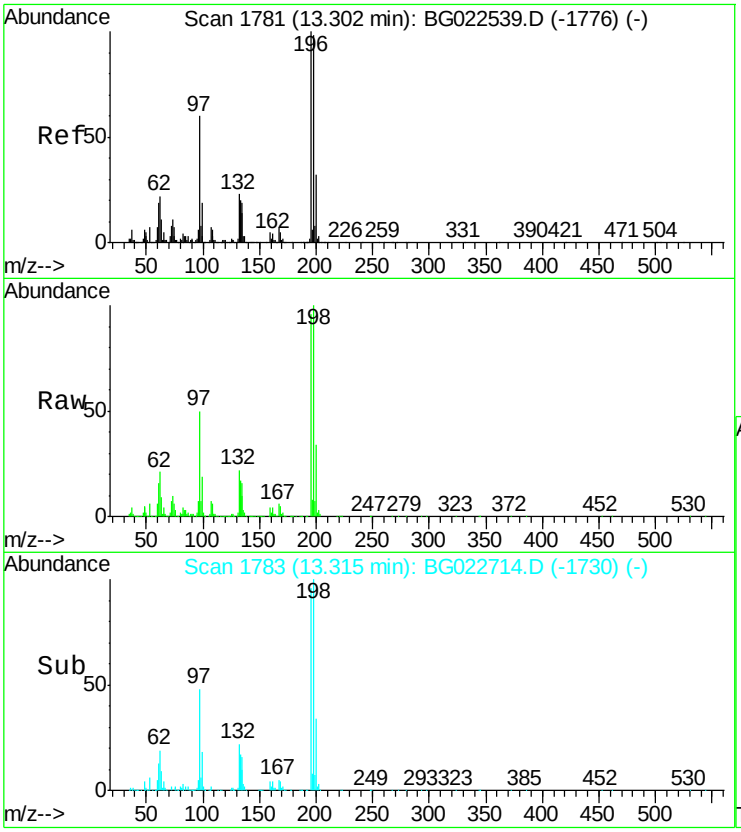




#42
2,4,6-Trichlorophenol
Concen: 41.68 ng
RT: 13.24 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:196 Resp: 510432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 104.0 | 78.2 | 117.2 |
| 200 | 34.6 | 27.0 | 40.4 |



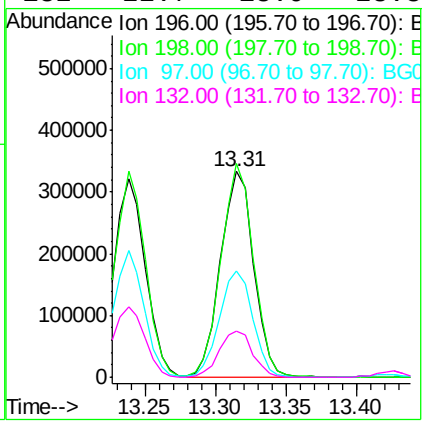


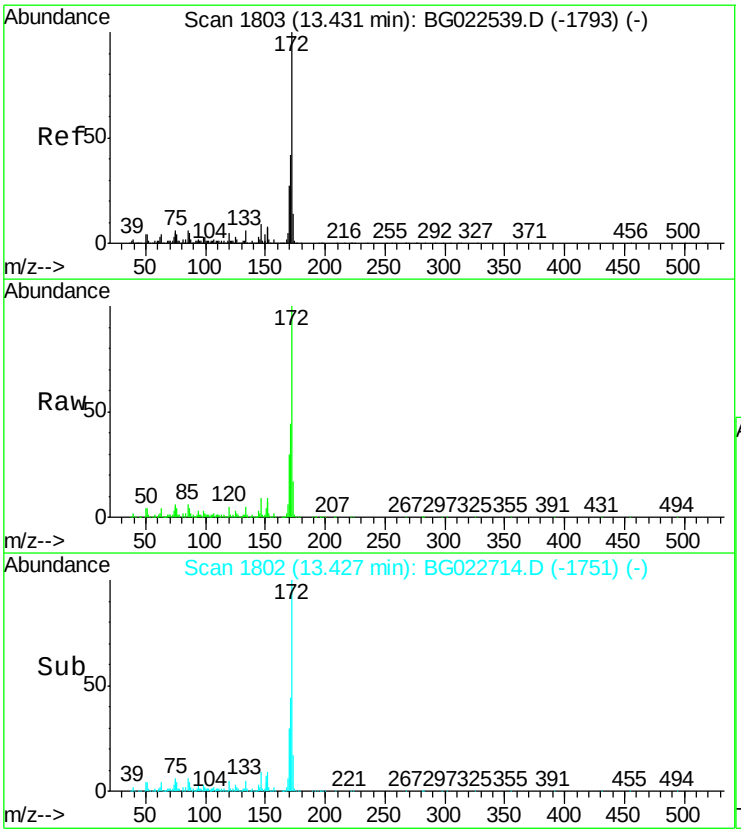

#43
2,4,5-Trichlorophenol
Concen: 42.37 ng
RT: 13.31 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 542974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.7 | 85.7 | 128.5 |
| 97 | 51.6 | 45.5 | 68.3 |
| 132 | 22.7 | 18.9 | 28.3 |

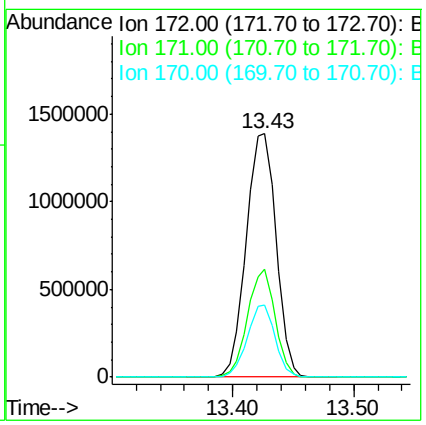


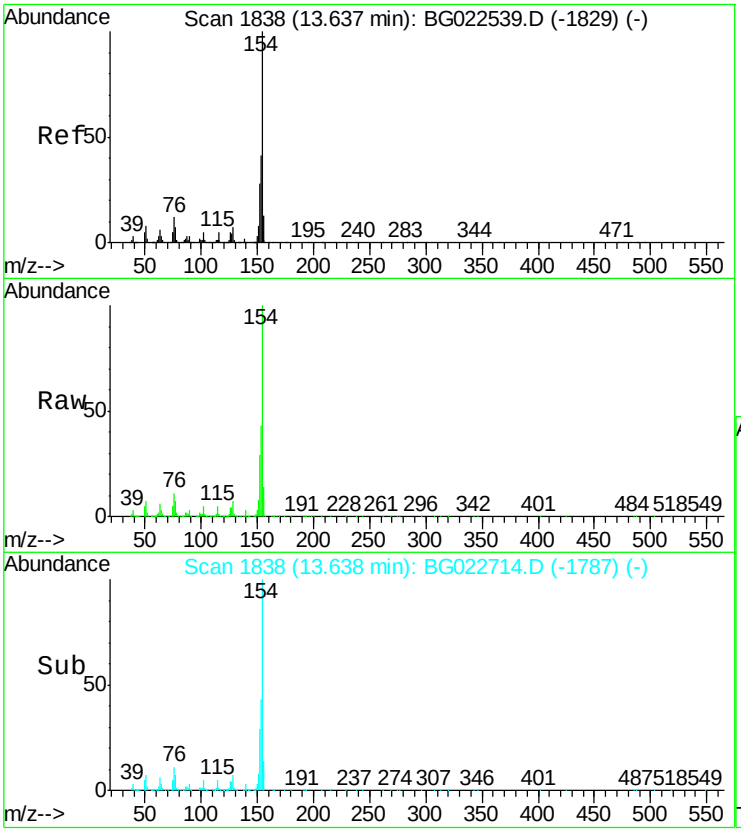




#44
2-Fluorobiphenyl
Concen: 75.31 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:172 Resp: 2402494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 44.5 | 31.6 | 47.4 |
| 170 | 29.6 | 21.3 | 31.9 |



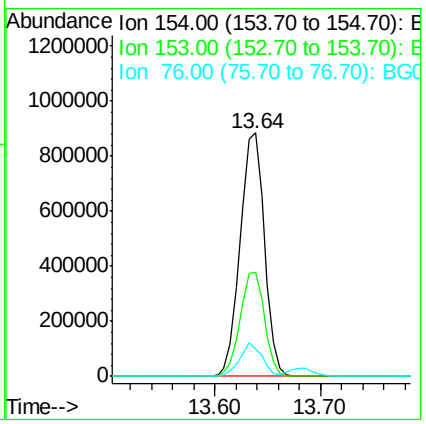


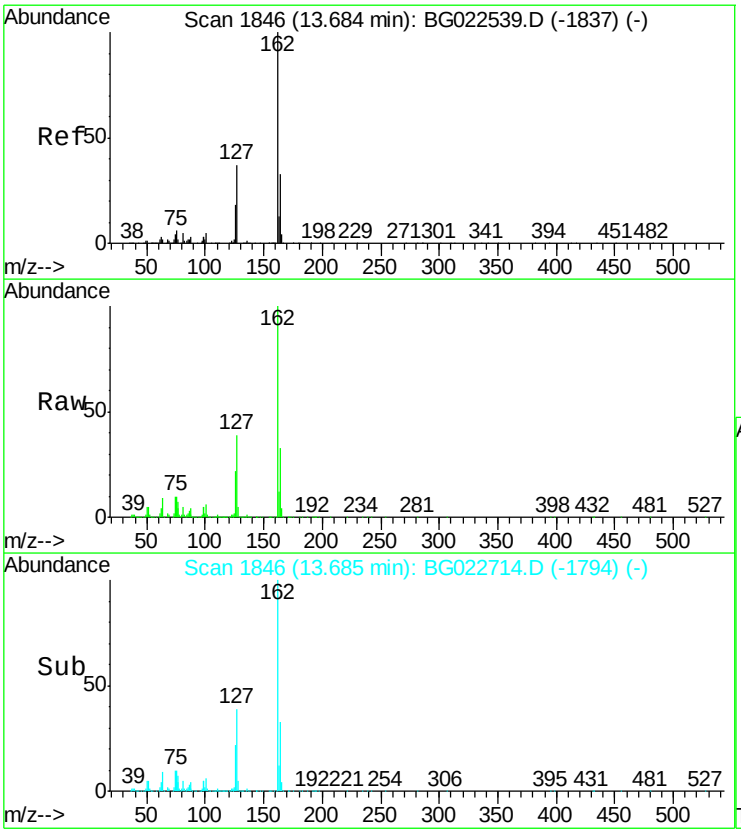

#45
1,1'-Biphenyl
Concen: 36.49 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:154 Resp: 1406150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.8 | 20.2 | 60.2 |
| 76 | 11.5 | 0.0 | 32.9 |

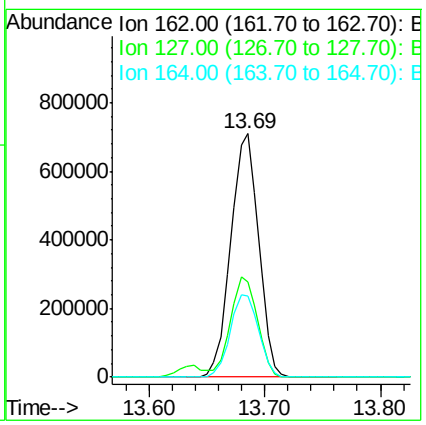


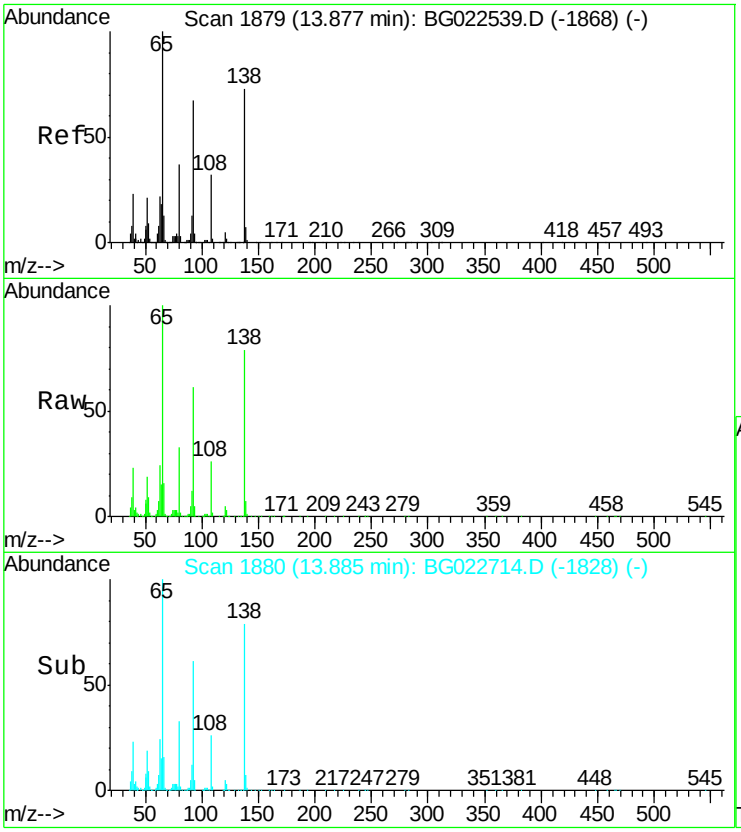




#46
2-Chloronaphthalene
Concen: 37.32 ng
RT: 13.69 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:162 Resp: 1183565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.1 | 32.4 | 48.6 |
| 164 | 33.1 | 25.2 | 37.8 |



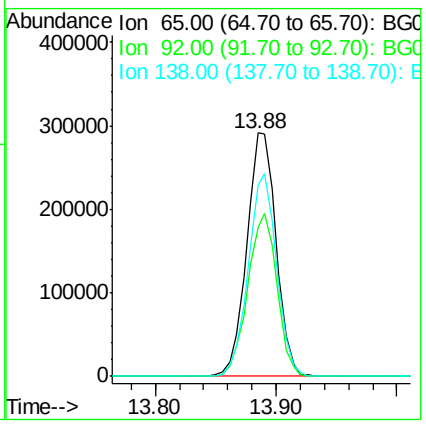


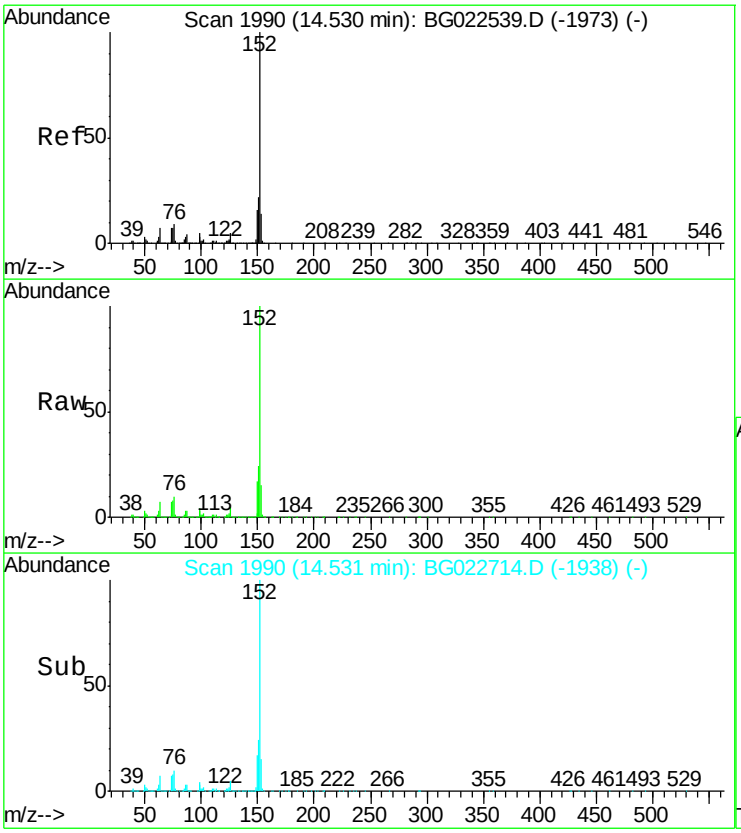

#47
2-Nitroaniline
Concen: 40.19 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 65 Resp: 491958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.4 | 49.4 | 74.0 |
| 138 | 78.5 | 58.0 | 87.0 |

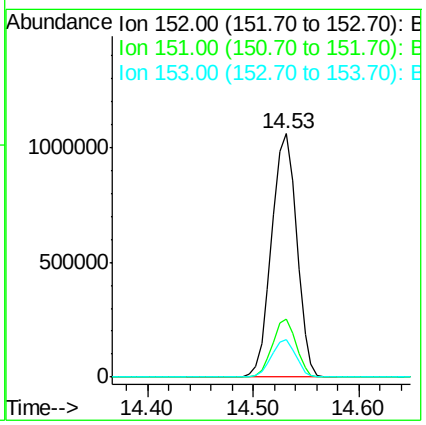


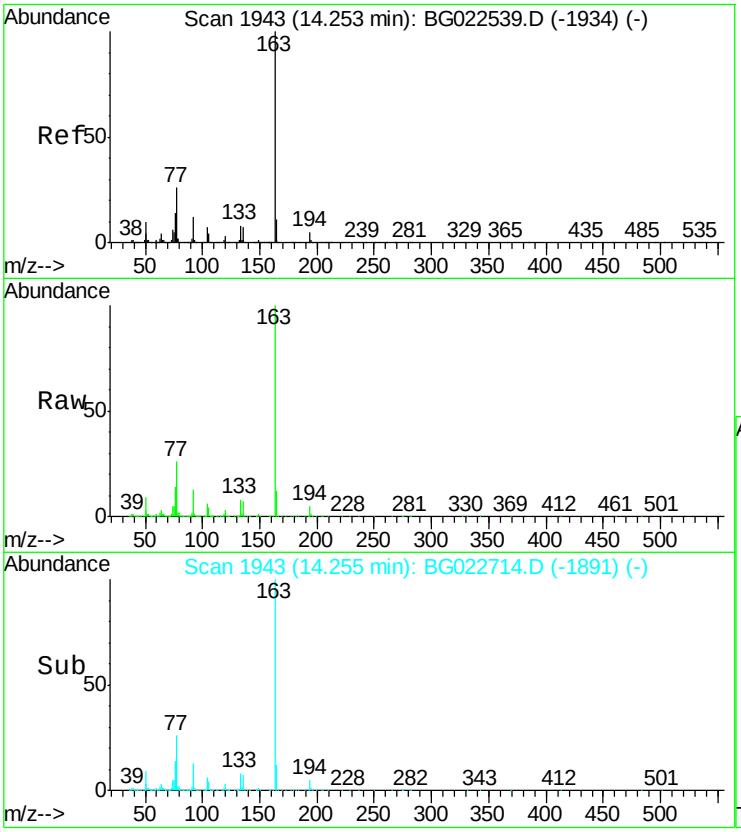




#48
Acenaphthylene
Concen: 37.83 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:152 Resp: 1739966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.7 | 17.6 | 26.4 |
| 153 | 15.3 | 11.4 | 17.2 |



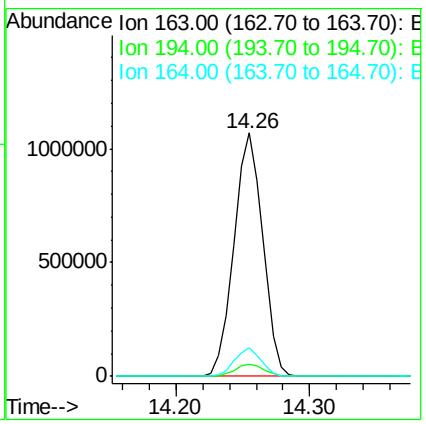


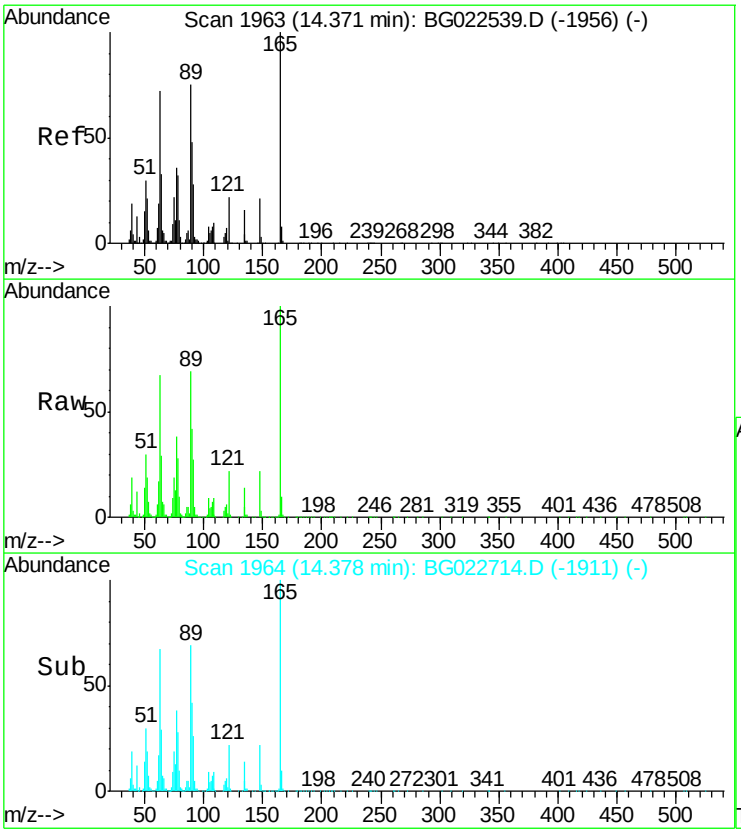

#49
Dimethylphthalate
Concen: 38.01 ng
RT: 14.26 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:163 Resp: 1595350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.6 | 5.4 |
| 164 | 11.6 | 8.1 | 12.1 |

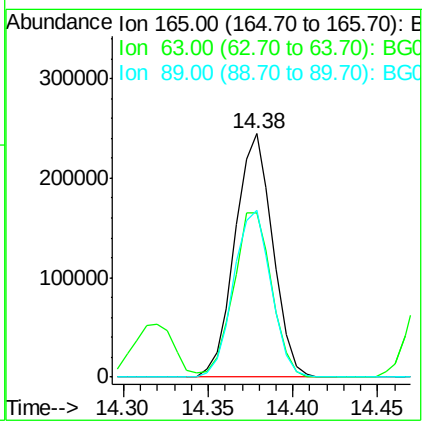


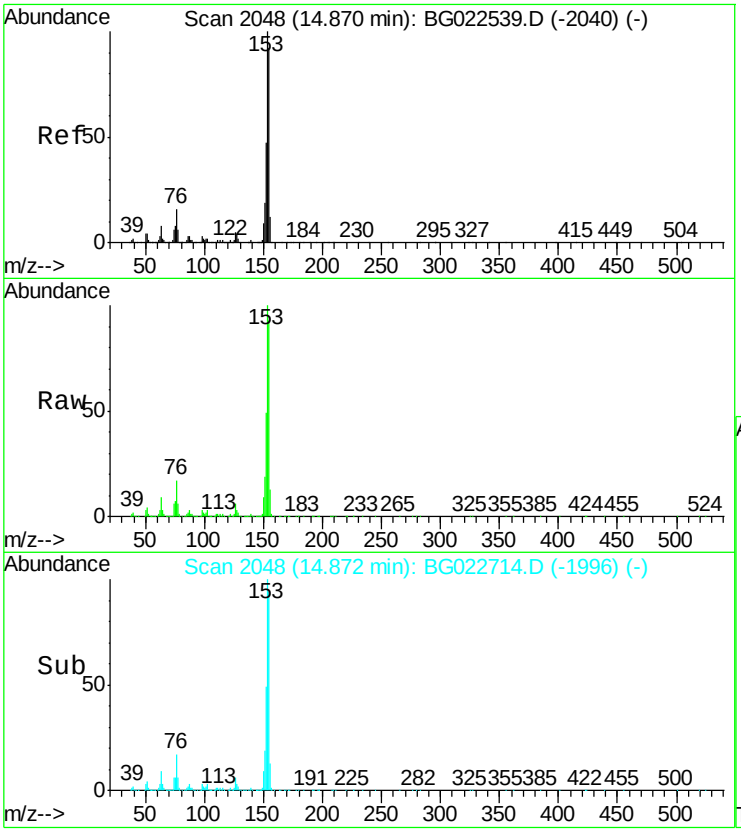




#50
2,6-Dinitrotoluene
Concen: 41.57 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:165 Resp: 379104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.4 | 64.3 | 96.5 |
| 89 | 68.6 | 64.3 | 96.5 |



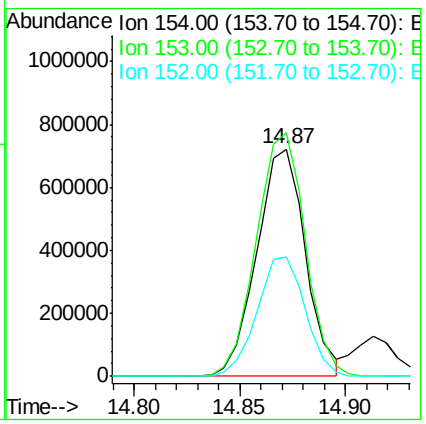


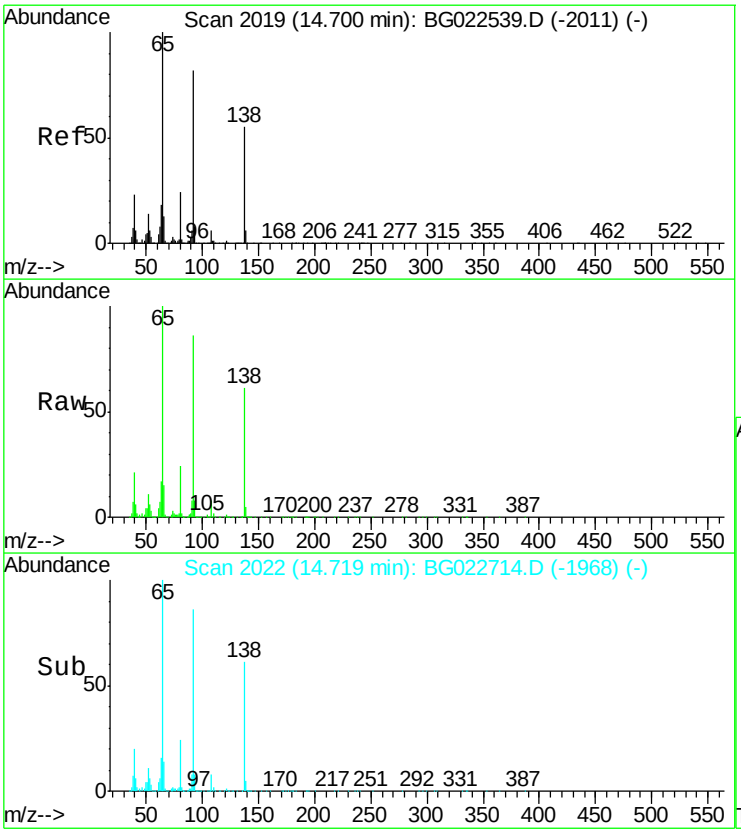

#51
Acenaphthene
Concen: 34.09 ng
RT: 14.87 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:154 Resp: 1154980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.0 | 87.5 | 131.3 |
| 152 | 52.5 | 42.7 | 64.1 |

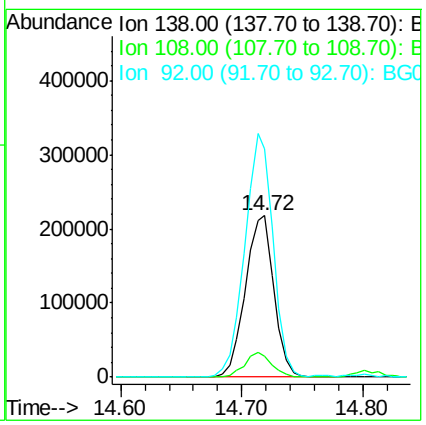


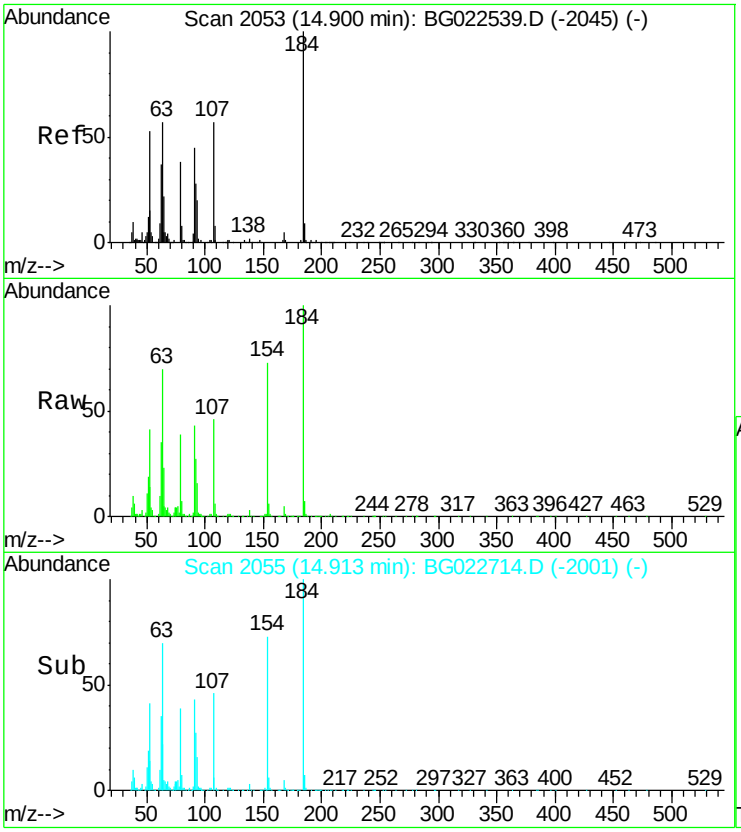




#52
3-Nitroaniline
Concen: 41.98 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:138 Resp: 358251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.3 | 11.7 | 17.5 |
| 92 | 141.3 | 129.7 | 194.5 |



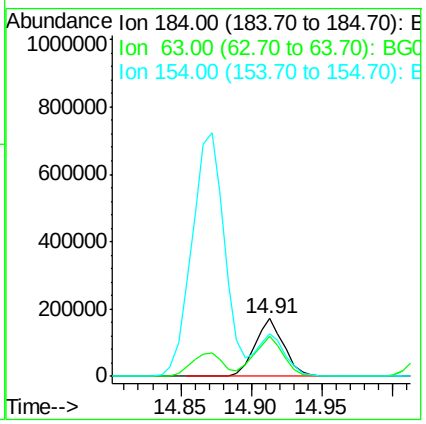


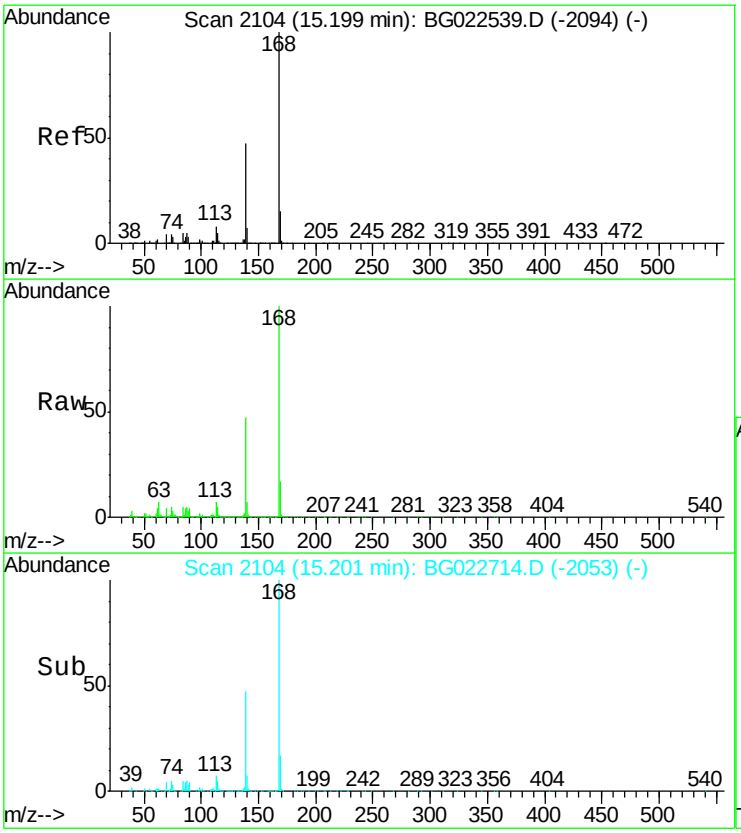

#53
2,4-Dinitrophenol
Concen: 43.77 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 245838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 70.3 | 59.6 | 89.4 |
| 154 | 73.1 | 67.4 | 101.0 |

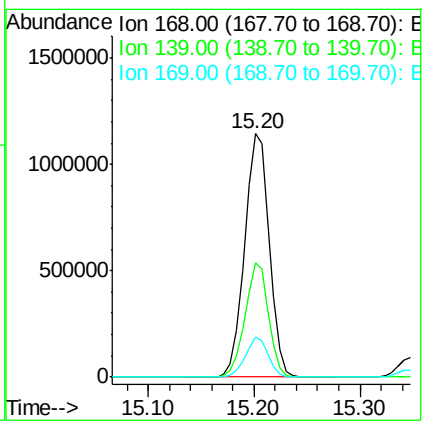


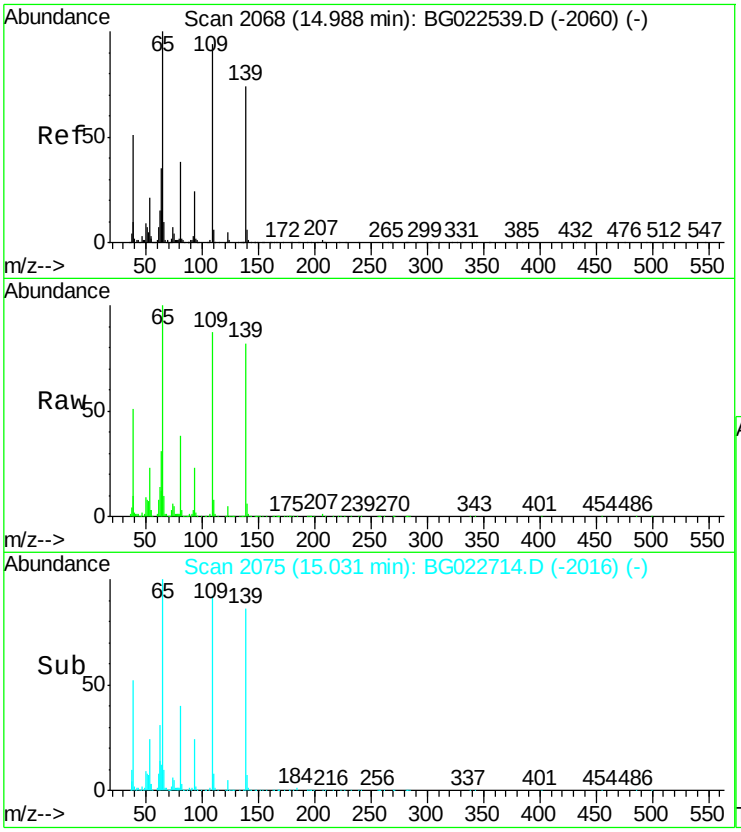




#54
Dibenzofuran
Concen: 37.74 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:168 Resp: 1852021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 46.9 | 36.4 | 54.6 |
| 169 | 16.7 | 11.9 | 17.9 |



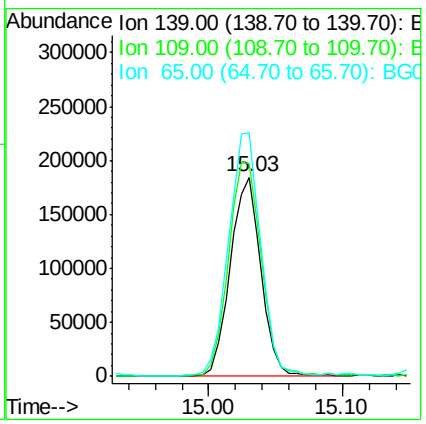


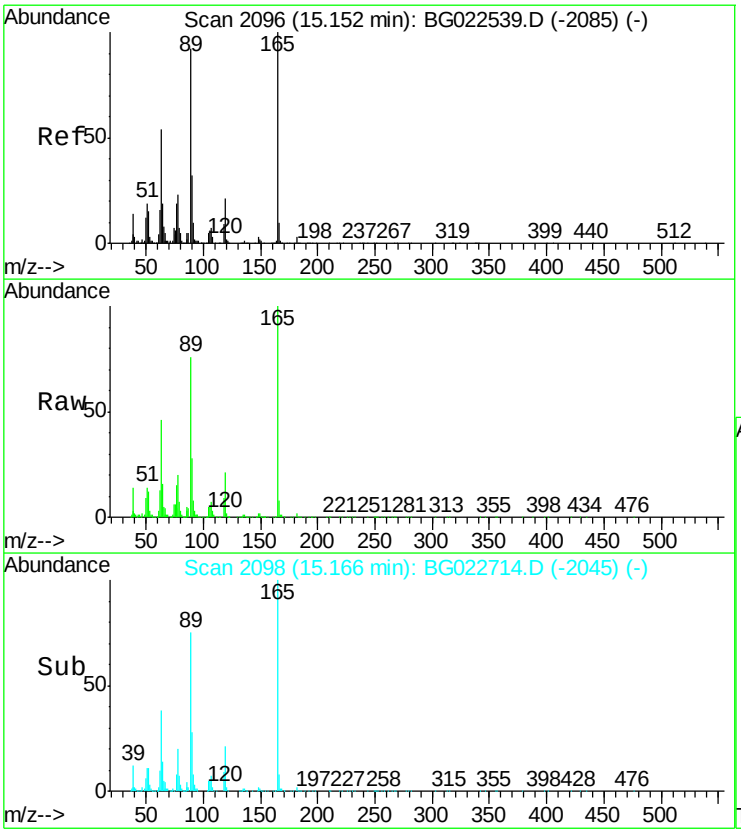

#55
4-Nitrophenol
Concen: 40.77 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.05 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:139 Resp: 294222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 106.7 | 103.0 | 143.0 |
| 65 | 122.3 | 112.7 | 152.7 |

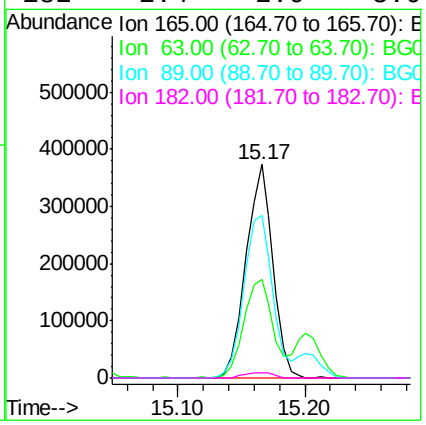


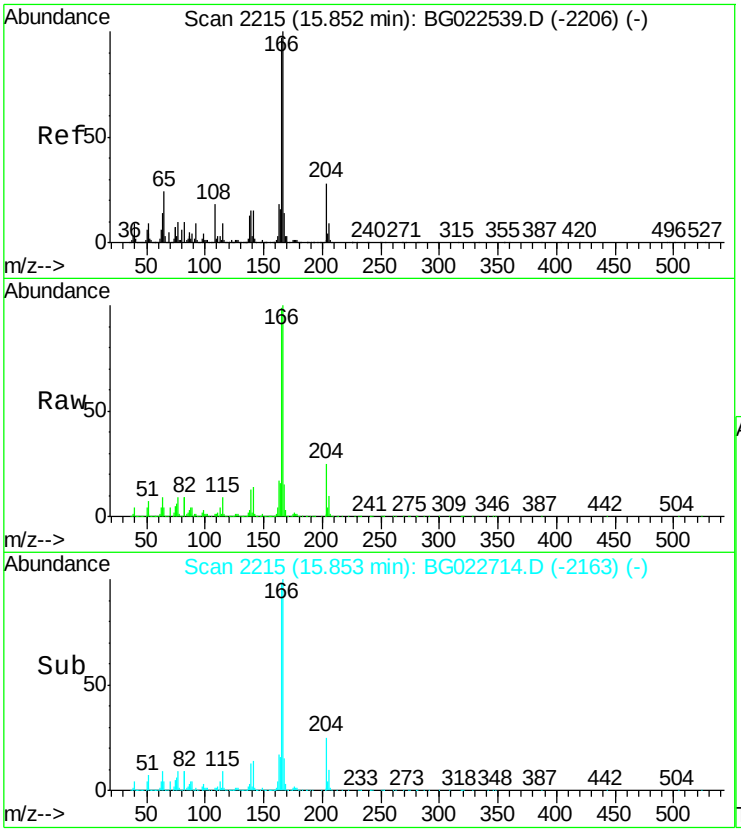




#56
2,4-Dinitrotoluene
Concen: 43.38 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:165 Resp: 548055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.9 | 45.8 | 68.6 |
| 89 | 76.3 | 68.6 | 102.8 |
| 182 | 2.4 | 2.0 | 3.0 |



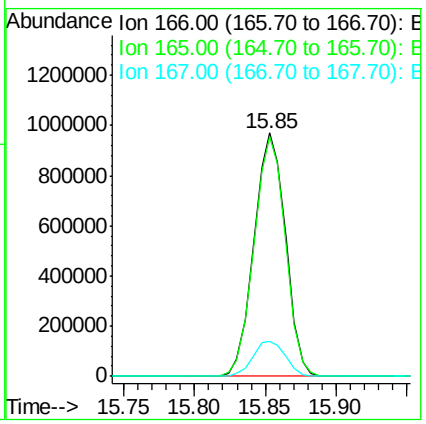


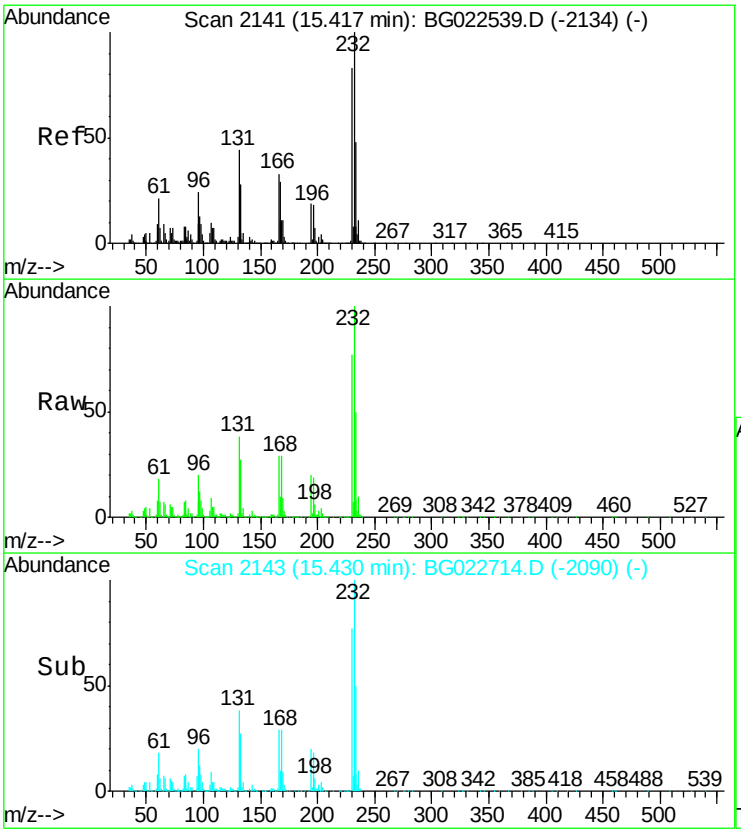

#57
Fluorene
Concen: 38.79 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:166 Resp: 1519135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 81.0 | 121.6 |
| 167 | 14.6 | 12.0 | 18.0 |

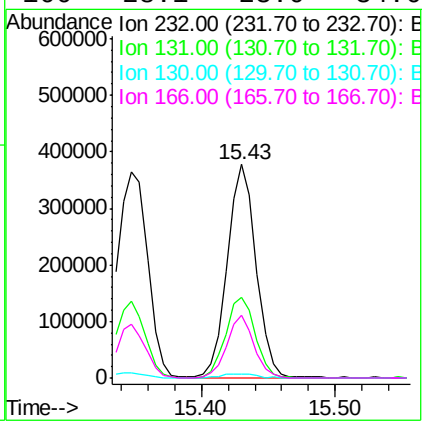


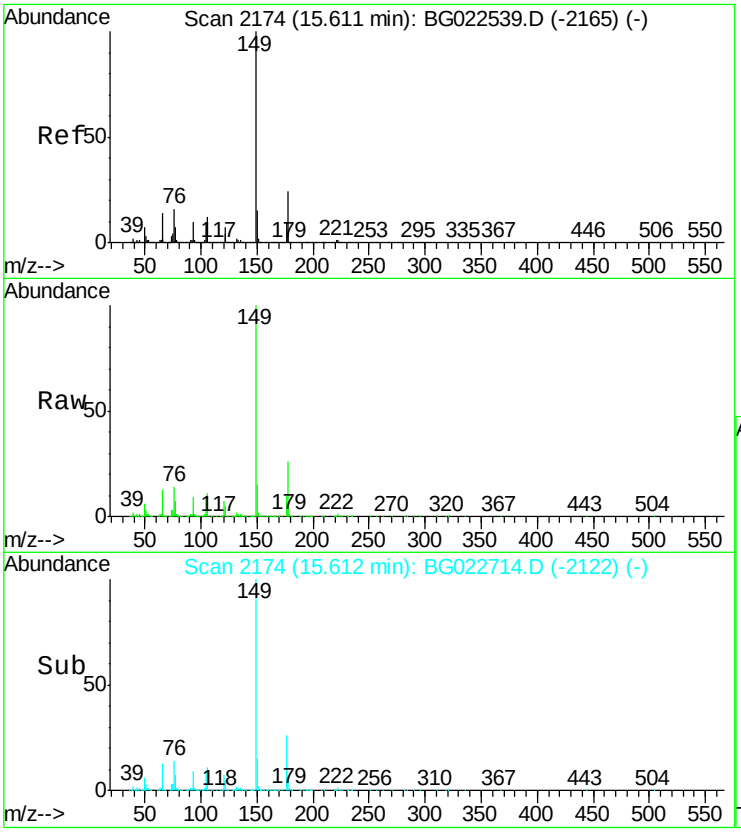




#58
2,3,4,6-Tetrachlorophenol
Concen: 42.58 ng
RT: 15.43 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:232 Resp: 565814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.3 | 32.7 | 49.1 |
| 130 | 2.5 | 2.6 | 3.8# |
| 166 | 28.1 | 23.0 | 34.6 |



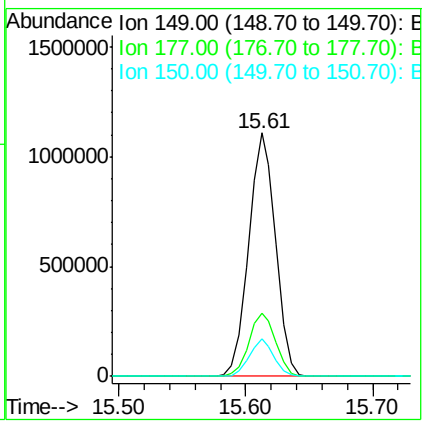


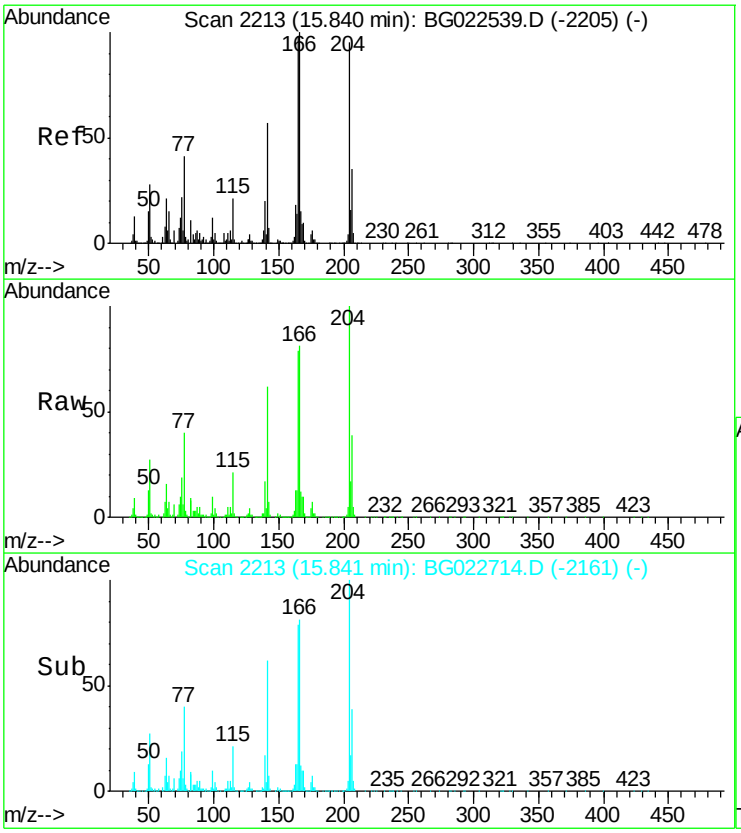

#59
Diethylphthalate
Concen: 37.80 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 1630803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 26.1 | 19.2 | 28.8 |
| 150 | 15.3 | 10.6 | 16.0 |

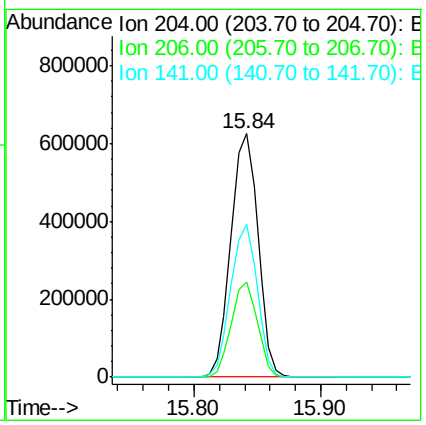


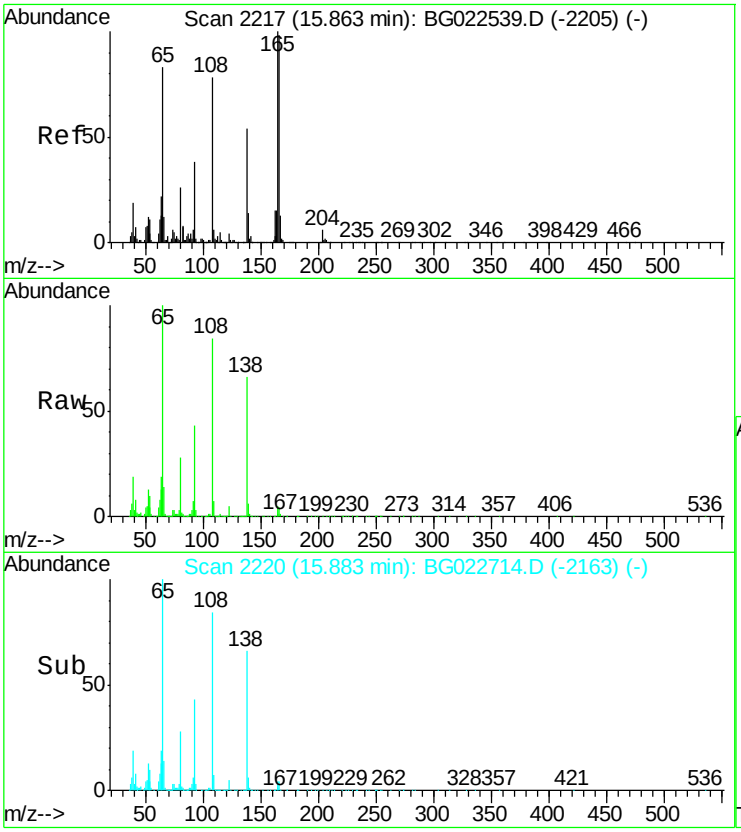




#60
4-Chlorophenyl-phenylether
Concen: 39.61 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:204 Resp: 923604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 39.1 | 28.5 | 42.7 |
| 141 | 62.5 | 51.4 | 77.0 |



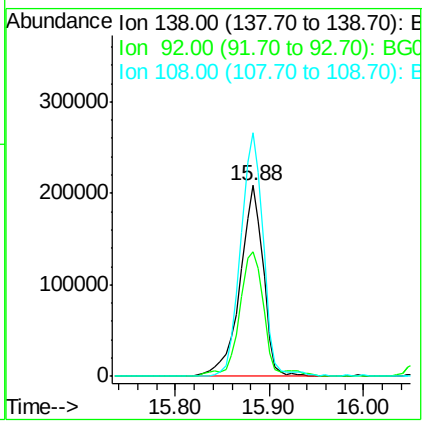


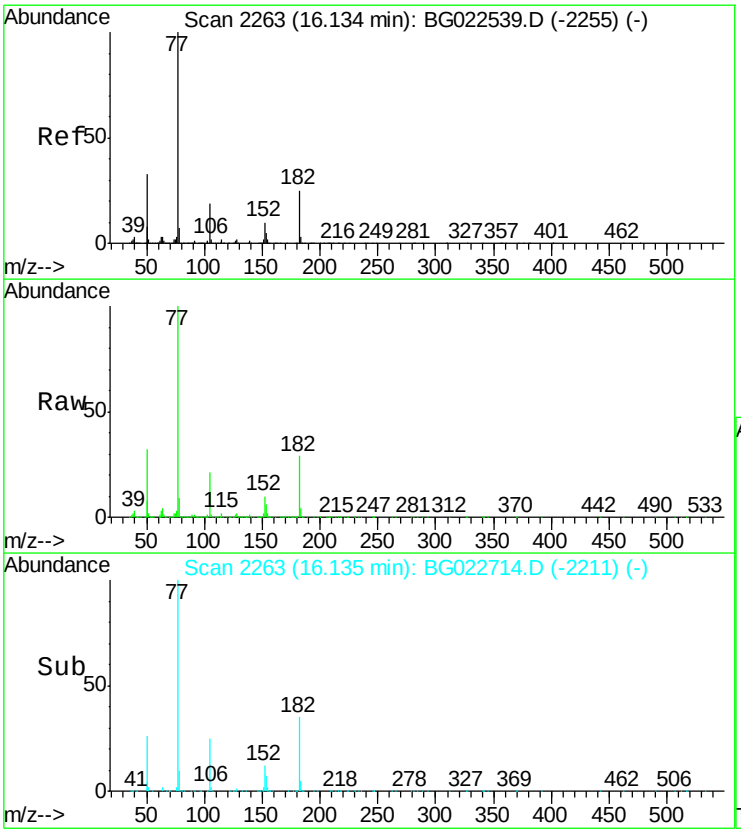

#61
4-Nitroaniline
Concen: 40.76 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.04 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 358912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 65.3 | 54.1 | 94.1 |
| 108 | 127.5 | 133.9 | 173.9# |

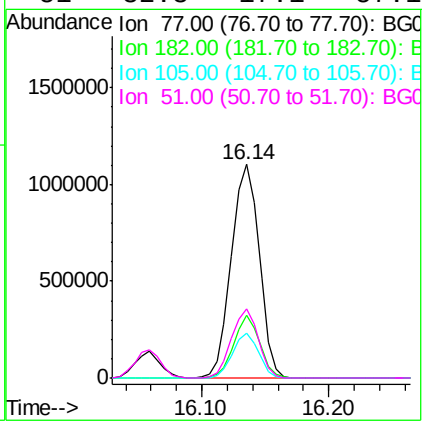


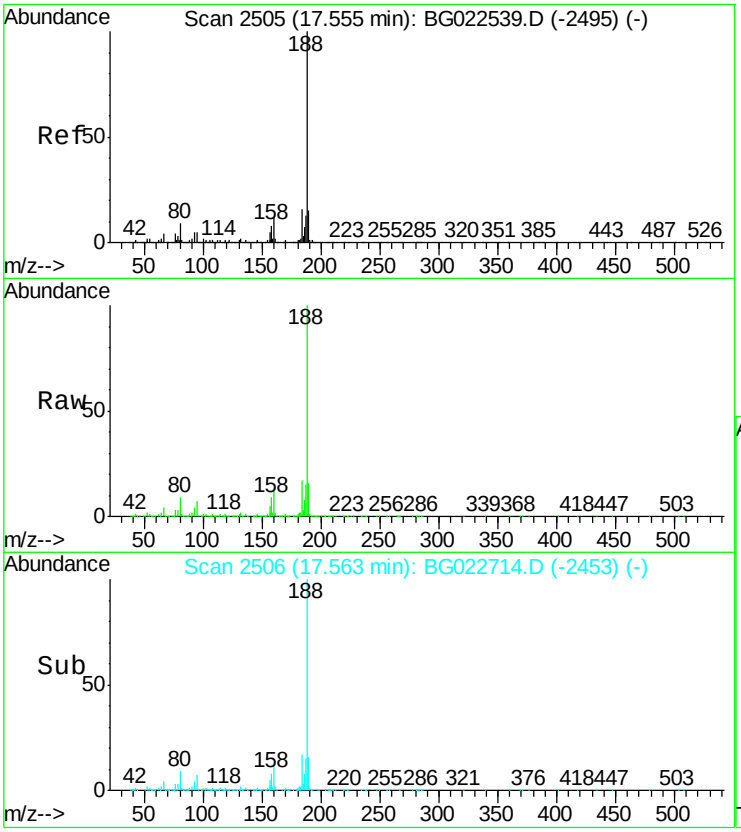




#62
Azobenzene
Concen: 35.92 ng
RT: 16.14 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion: 77 Resp: 1678292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 3.5 | 43.5 |
| 105 | 21.0 | 0.0 | 38.5 |
| 51 | 32.3 | 17.1 | 57.1 |



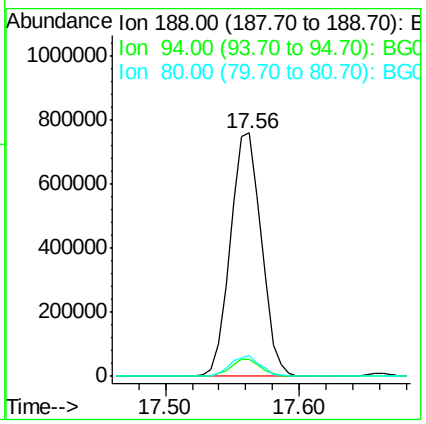


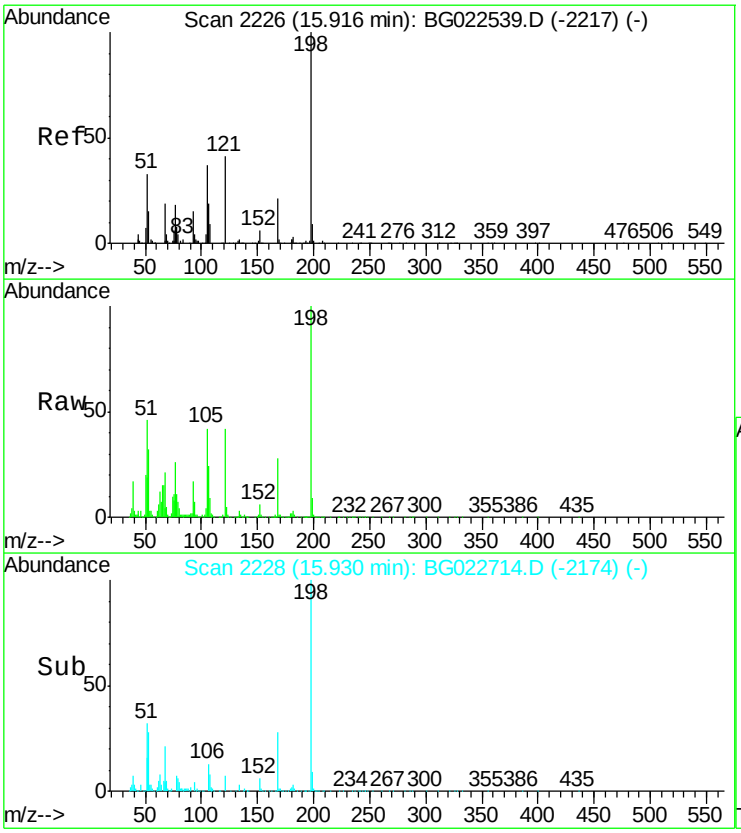

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:188 Resp: 1225785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.9 | 5.2 | 7.8 |
| 80 | 8.8 | 7.2 | 10.8 |

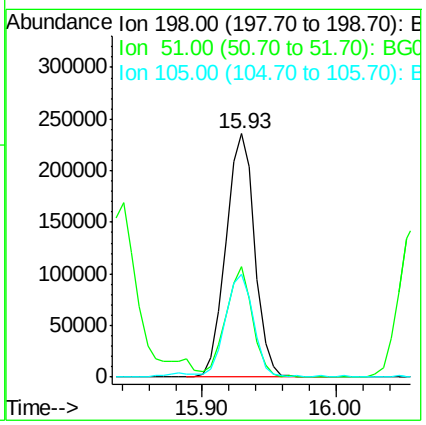


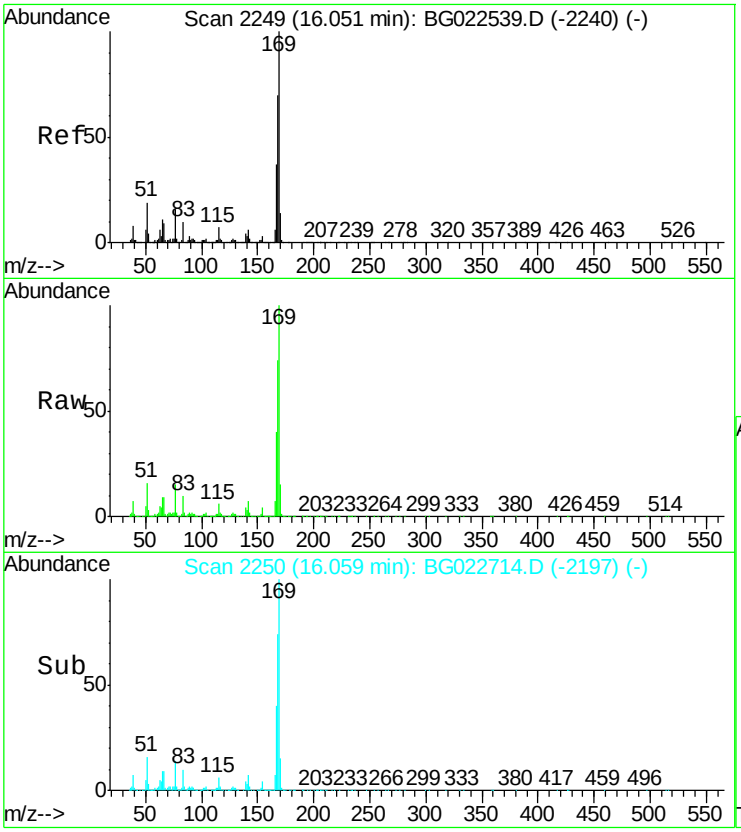




#64
4,6-Dinitro-2-methylphenol
Concen: 43.40 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:198 Resp: 356749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.6 | 26.0 | 66.0 |
| 105 | 42.3 | 20.1 | 60.1 |



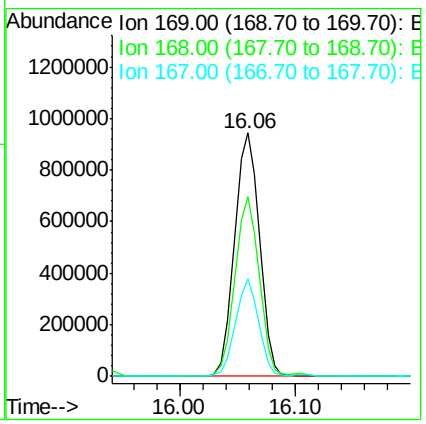


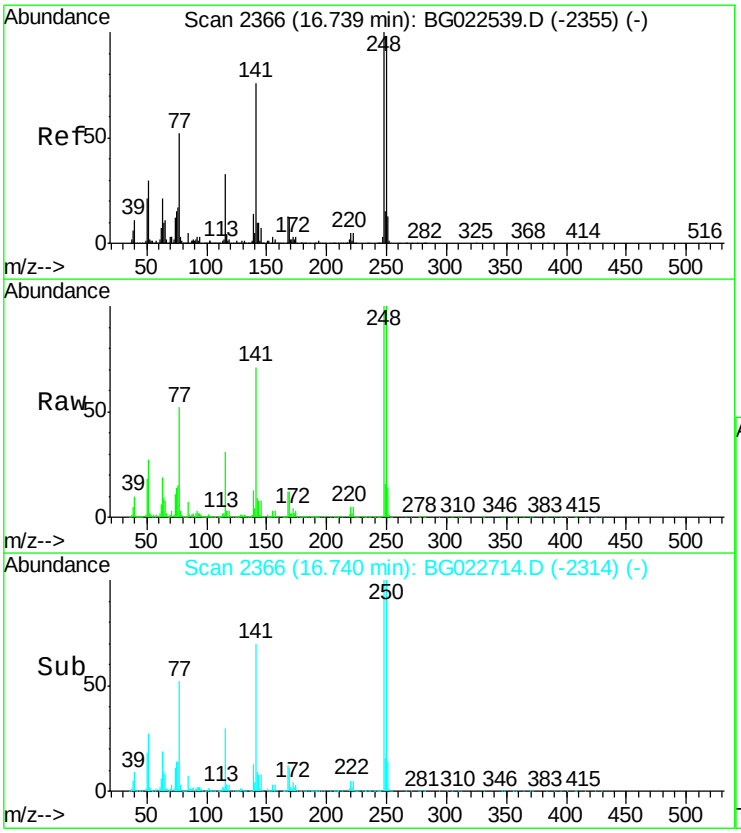

#65
n-Nitrosodiphenylamine
Concen: 39.63 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:169 Resp: 1413719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 73.8 | 55.0 | 82.4 |
| 167 | 40.1 | 27.4 | 41.0 |

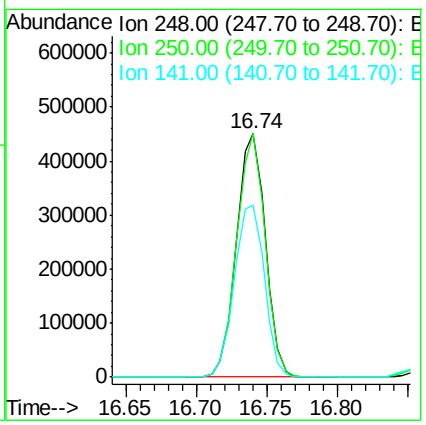


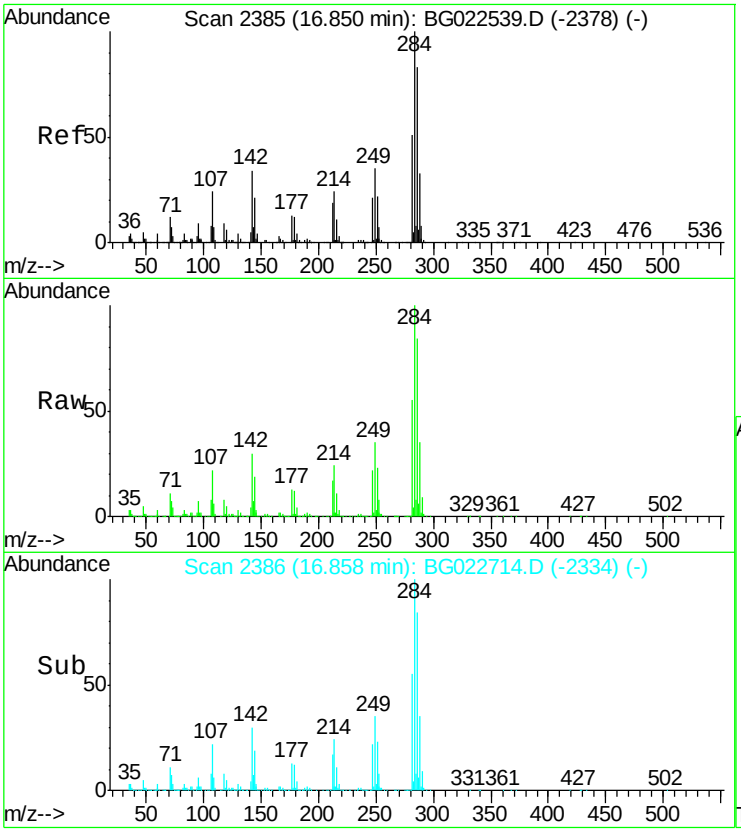




#66
4-Bromophenyl-phenylether
Concen: 40.50 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:248 Resp: 644002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.9 | 77.8 | 116.8 |
| 141 | 70.8 | 65.7 | 98.5 |



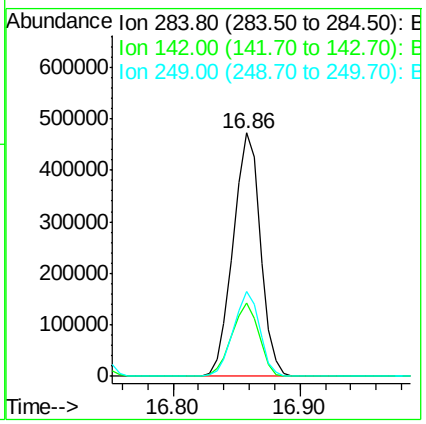


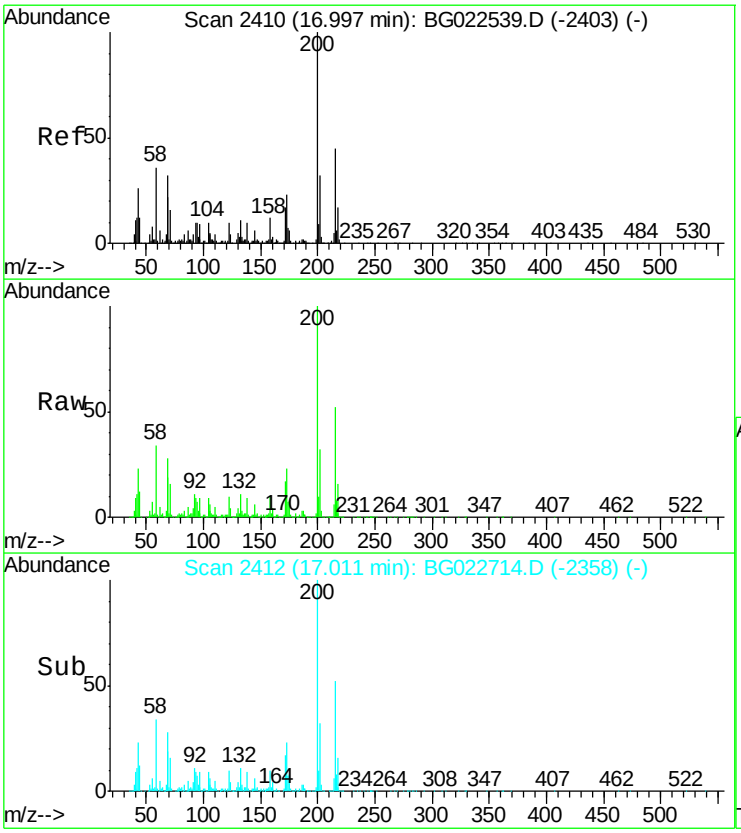

#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:284 Resp: 700564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.4 | 26.8 | 40.2 |
| 249 | 34.7 | 28.9 | 43.3 |

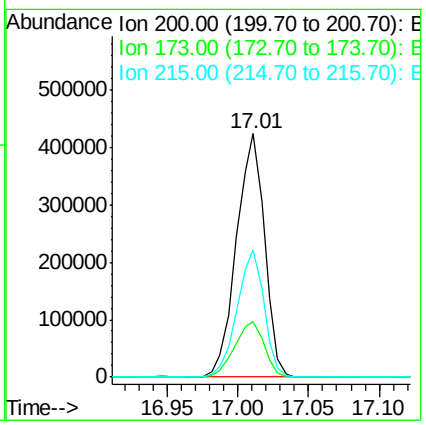


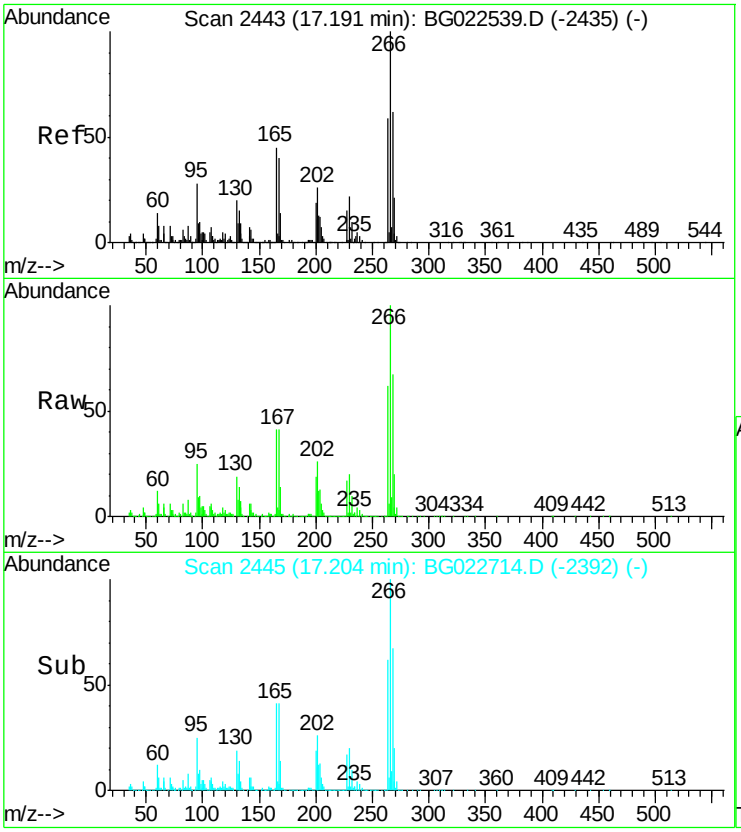




#68
Atrazine
Concen: 39.01 ng
RT: 17.01 min Scan# 2412
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:200 Resp: 587554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.8 | 1.6 | 41.6 |
| 215 | 52.1 | 28.7 | 68.7 |



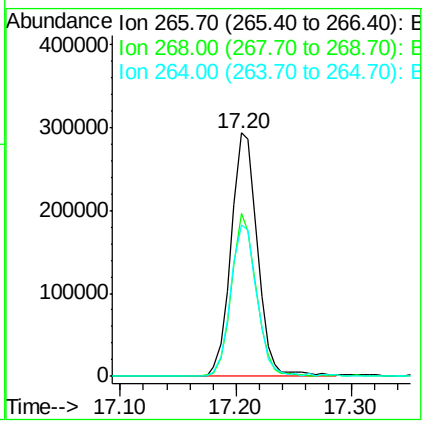


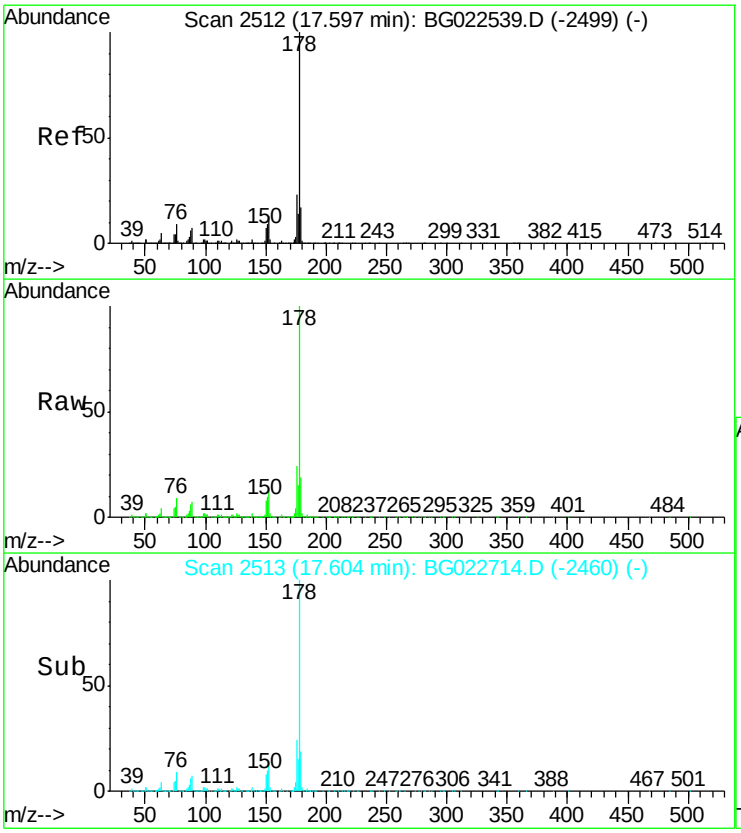

#69
Pentachlorophenol
Concen: 40.17 ng
RT: 17.20 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:266 Resp: 464791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.1 | 51.9 | 77.9 |
| 264 | 62.1 | 50.6 | 75.8 |

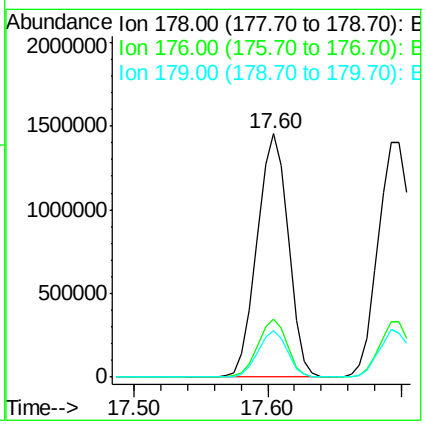


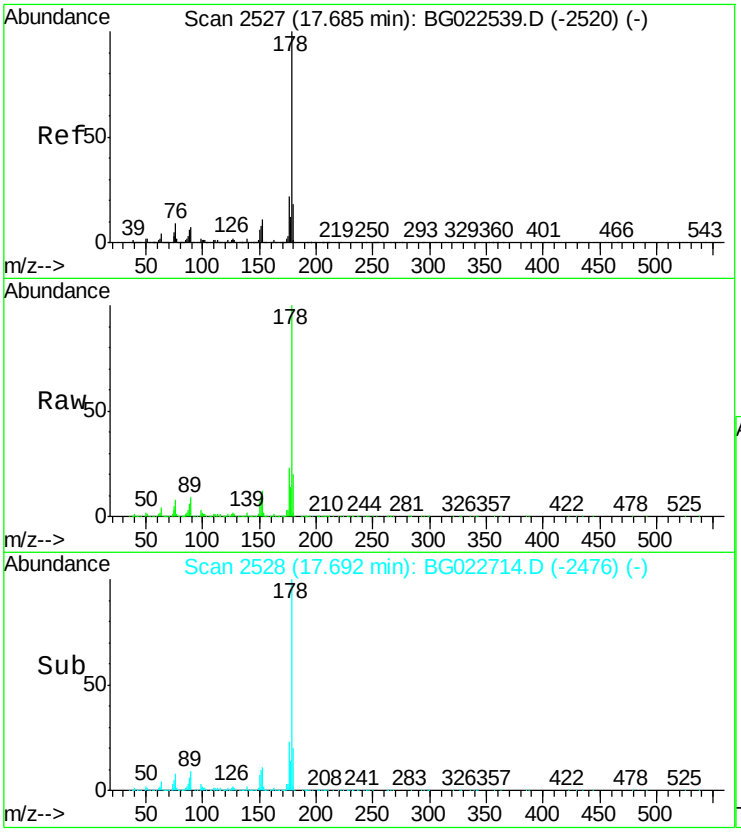




#70
Phenanthrene
Concen: 37.47 ng
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:178 Resp: 2342208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.8 | 16.8 | 25.2 |
| 179 | 19.0 | 14.3 | 21.5 |



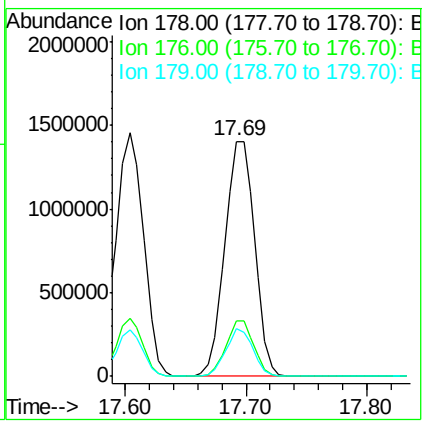


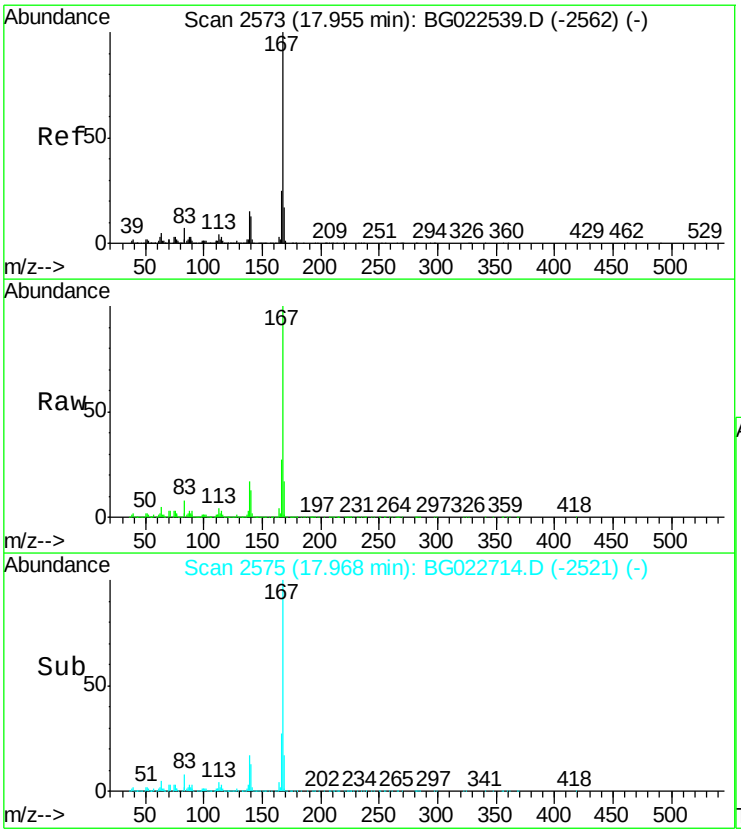

#71
Anthracene
Concen: 37.48 ng
RT: 17.69 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 2411625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.4 | 17.3 | 25.9 |
| 179 | 20.1 | 14.0 | 21.0 |

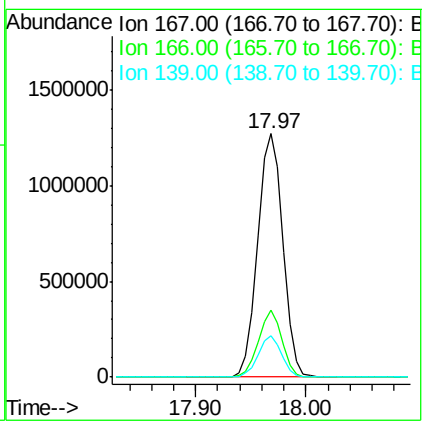


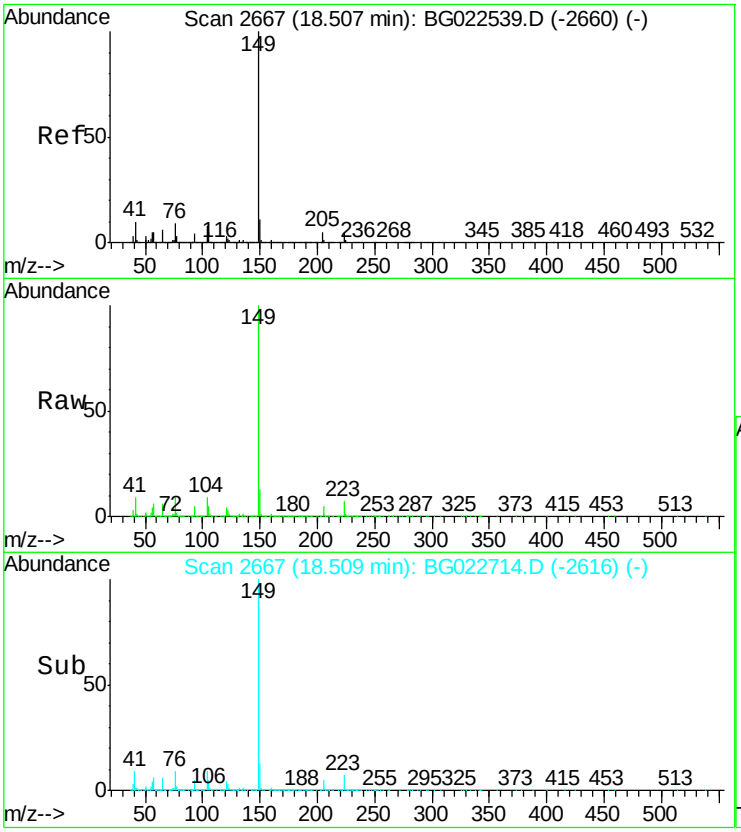




#72
Carbazole
Concen: 37.37 ng
RT: 17.97 min Scan# 2575
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:167 Resp: 2038224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 27.4 | 20.7 | 31.1 |
| 139 | 16.9 | 11.9 | 17.9 |



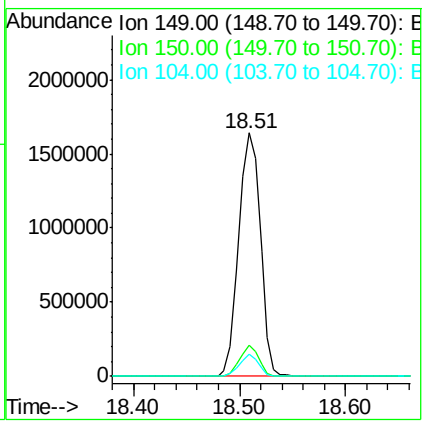


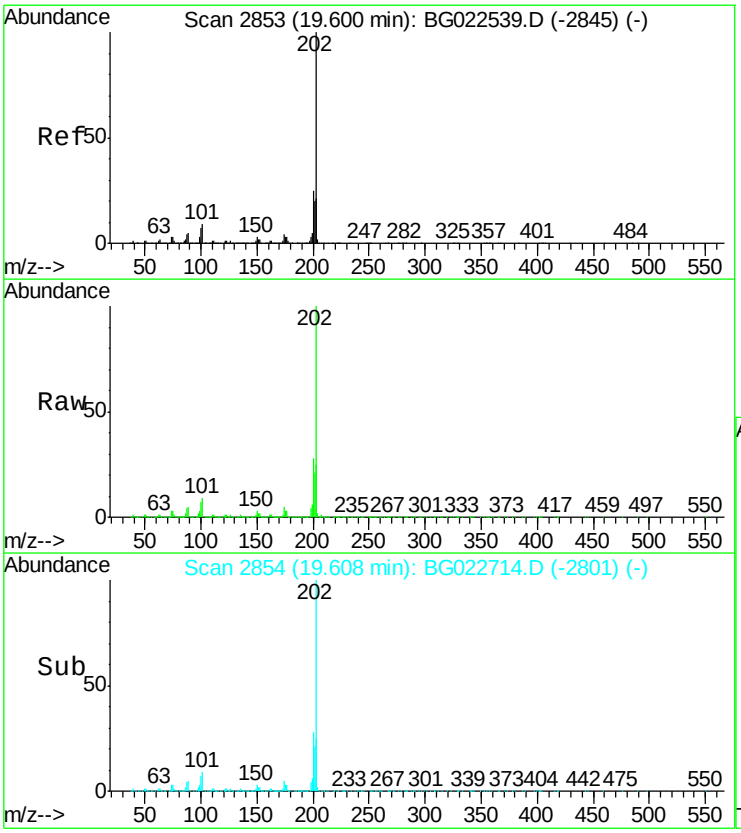

#73
Di-n-butylphthalate
Concen: 36.82 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 2338291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 12.6 | 9.1 | 13.7 |
| 104 | 9.3 | 6.9 | 10.3 |

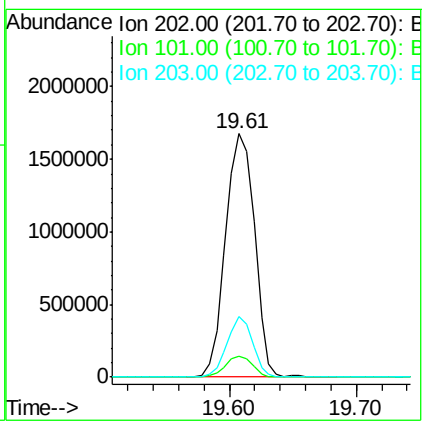


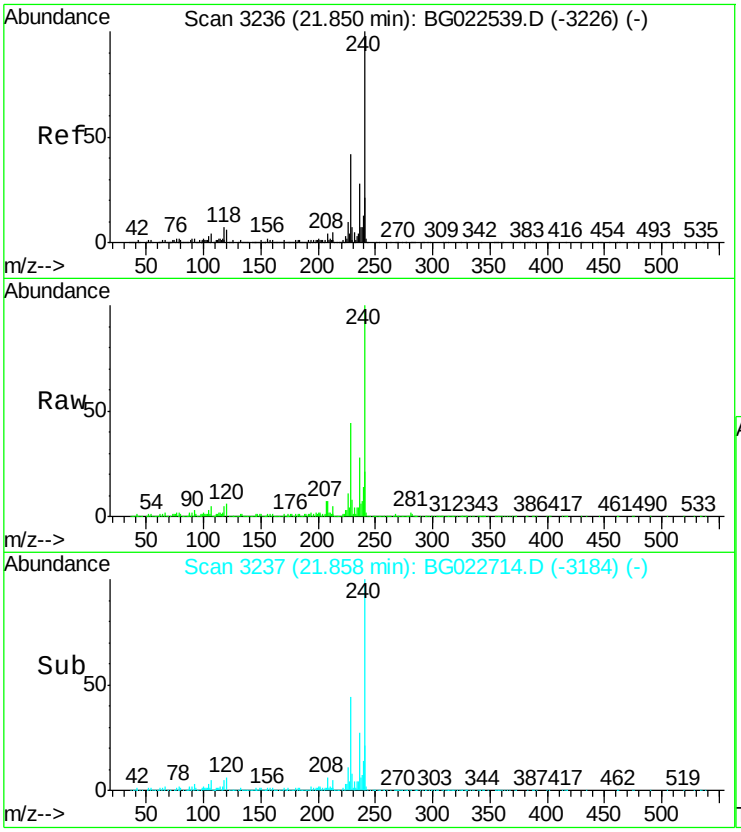




#74
Fluoranthene
Concen: 36.76 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:202 Resp: 2647445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.6 | 0.0 | 27.4 |
| 203 | 24.8 | 1.7 | 41.7 |



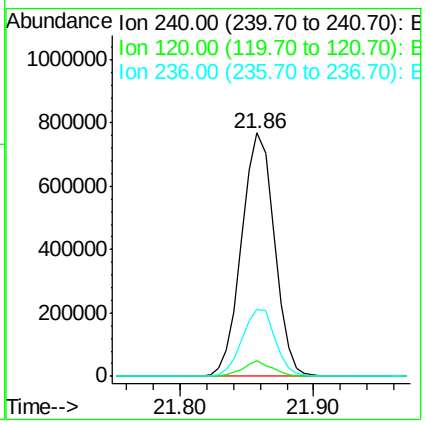


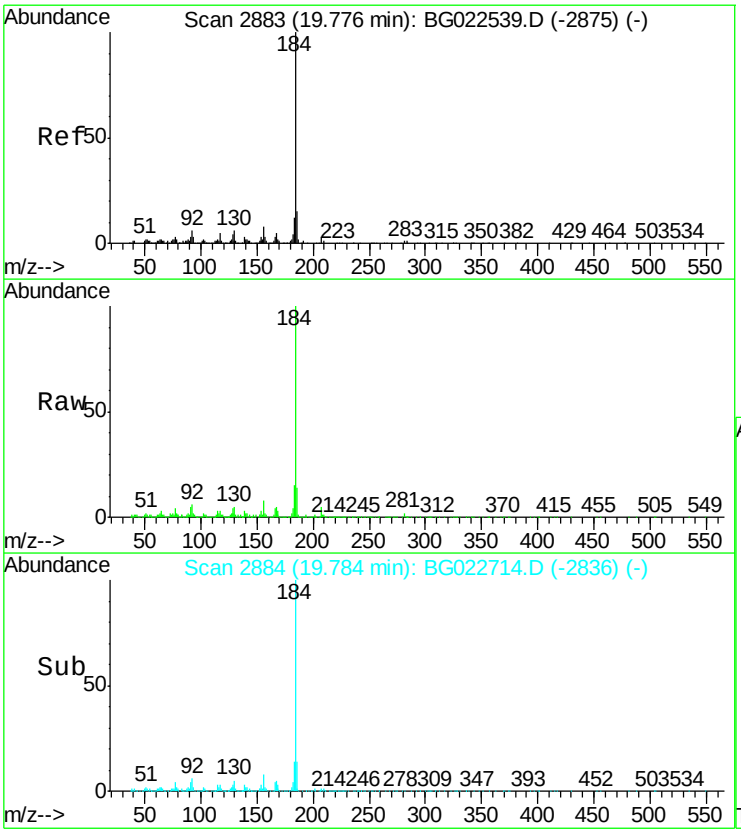

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:240 Resp: 1299171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.2 | 4.1 | 6.1# |
| 236 | 27.5 | 21.1 | 31.7 |

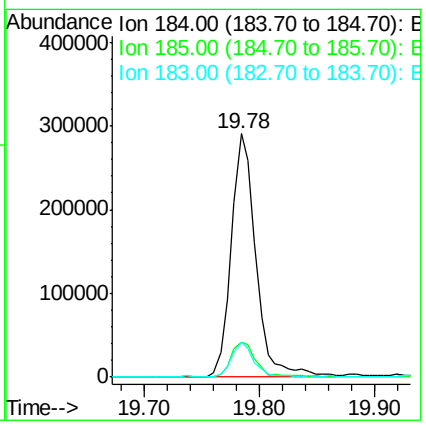


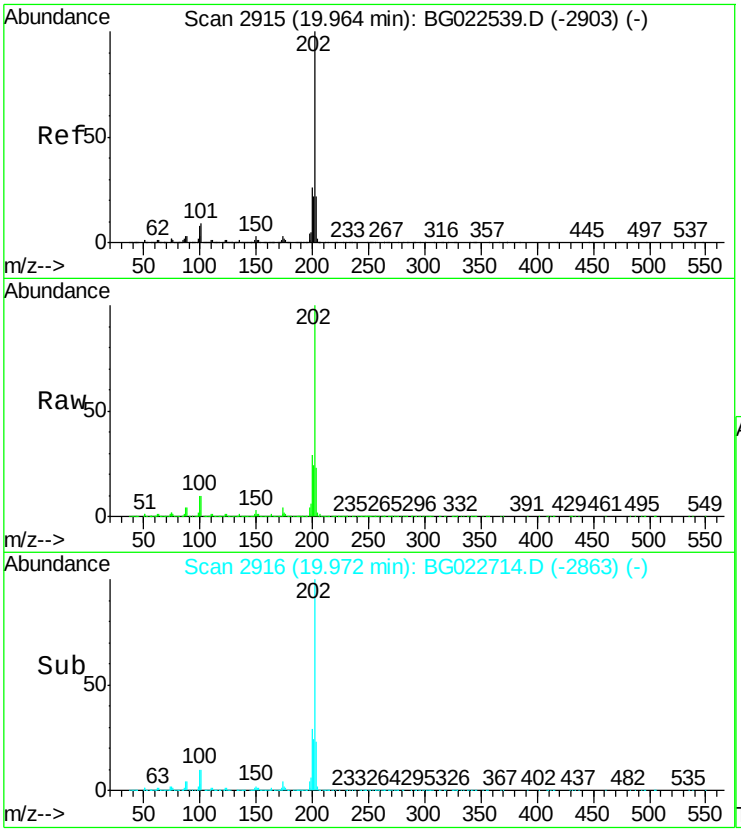




#76
Benzidine
Concen: 31.08 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:184 Resp: 429852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 12.6 | 19.0 |
| 183 | 14.5 | 10.7 | 16.1 |



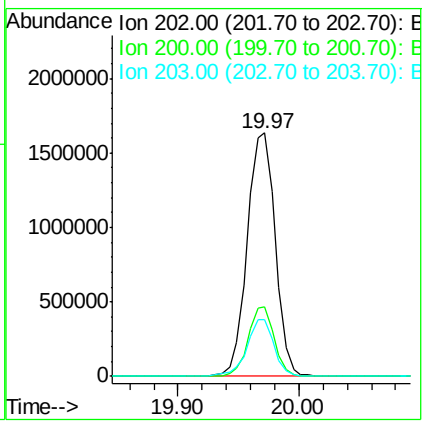


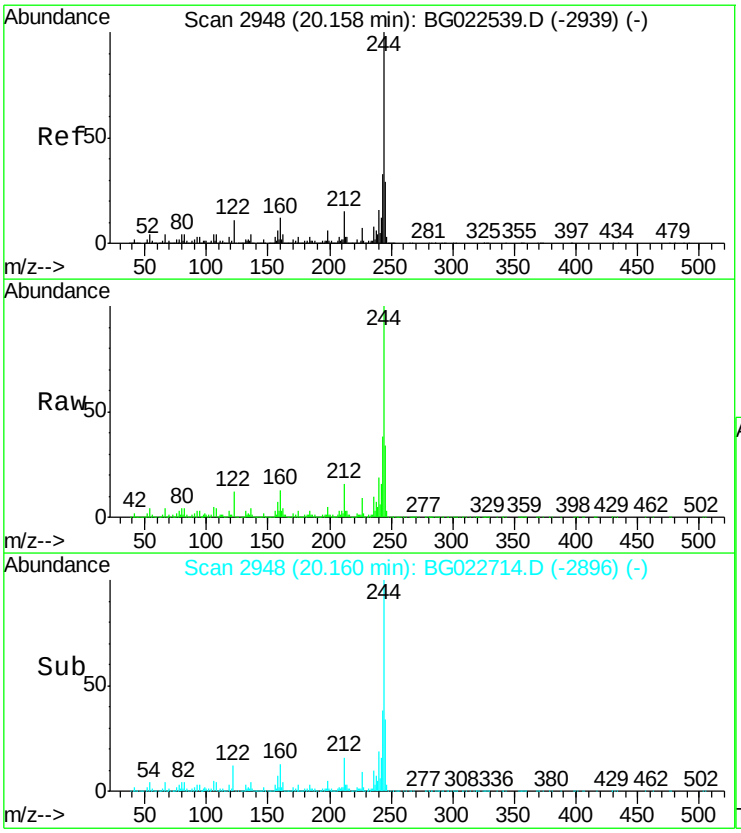

#77
Pyrene
Concen: 38.25 ng
RT: 19.97 min Scan# 2916
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 2647073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 28.8 | 21.2 | 31.8 |
| 203 | 23.3 | 16.8 | 25.2 |

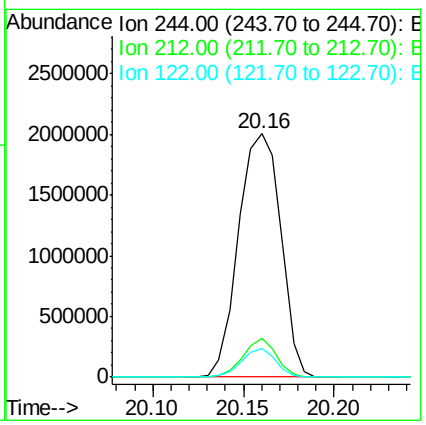


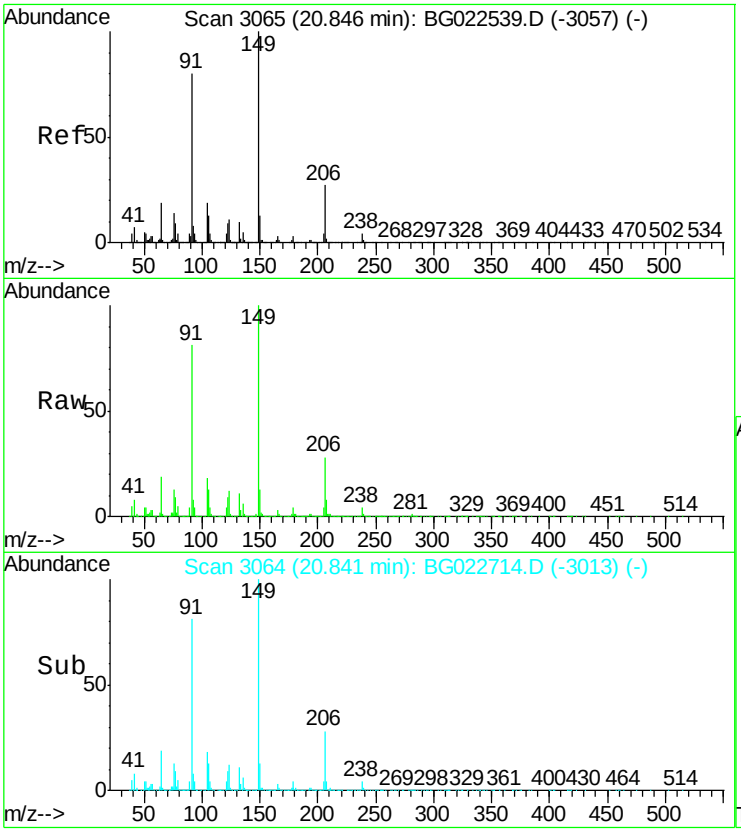




#78
Terphenyl-d14
Concen: 66.17 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:244 Resp: 3244857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 16.0 | 10.8 | 16.2 |
| 122 | 11.9 | 8.0 | 12.0 |



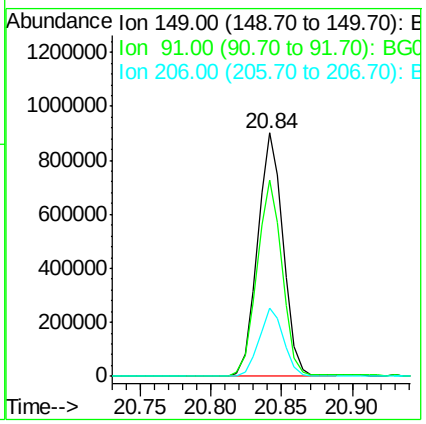


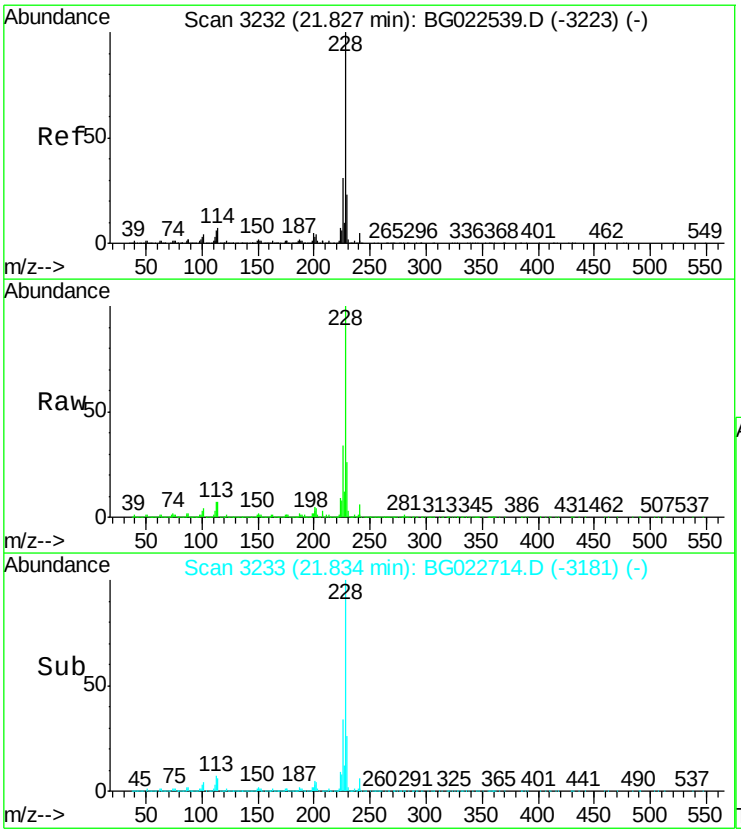

#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 1144326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.9 | 68.1 | 102.1 |
| 206 | 27.8 | 19.8 | 29.6 |

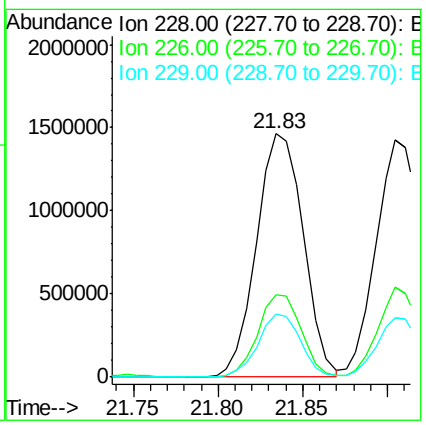


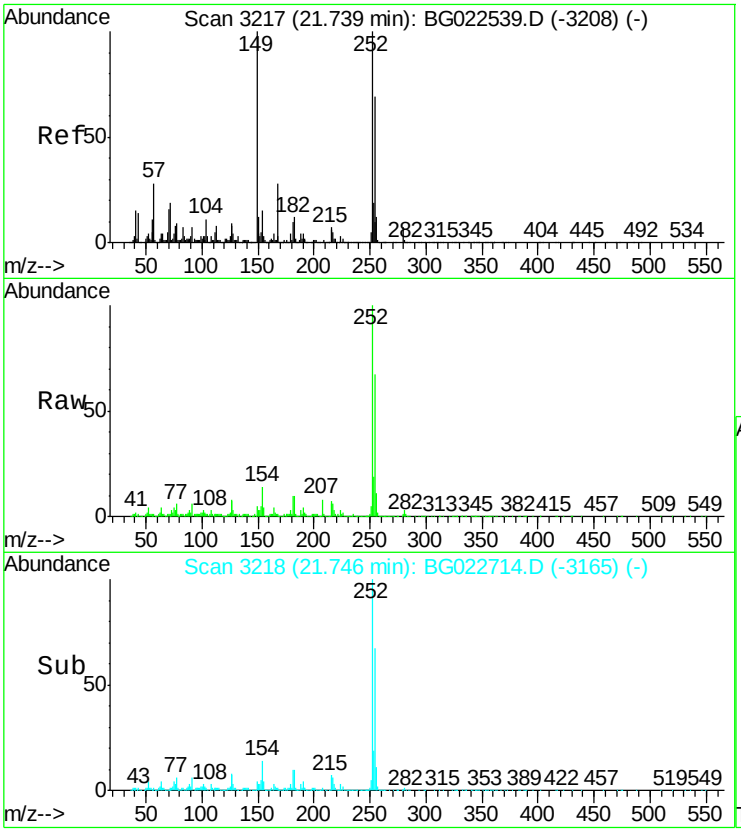




#80
Benzo(a)anthracene
Concen: 38.93 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:228 Resp: 2798507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.8 | 25.3 | 37.9 |
| 229 | 25.7 | 19.9 | 29.9 |



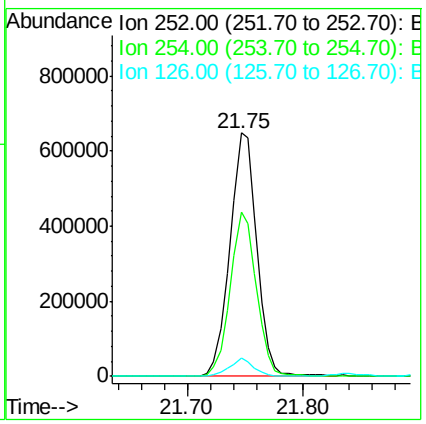


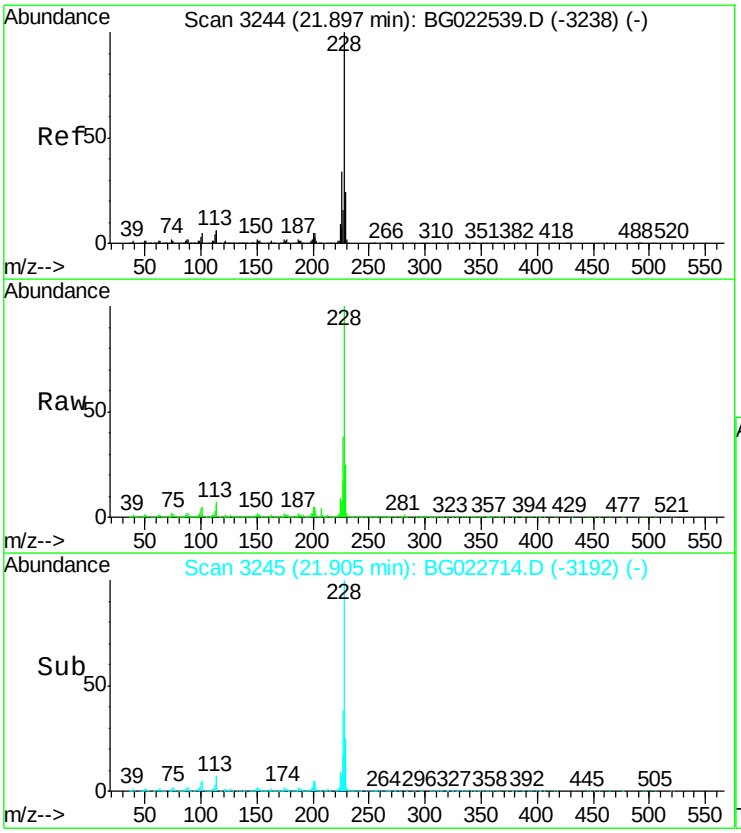

#81
3,3'-Dichlorobenzidine
Concen: 35.08 ng
RT: 21.75 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 1041542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.4 | 51.2 | 76.8 |
| 126 | 7.4 | 5.3 | 7.9 |

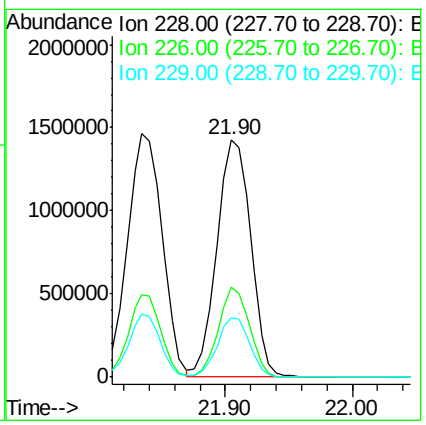


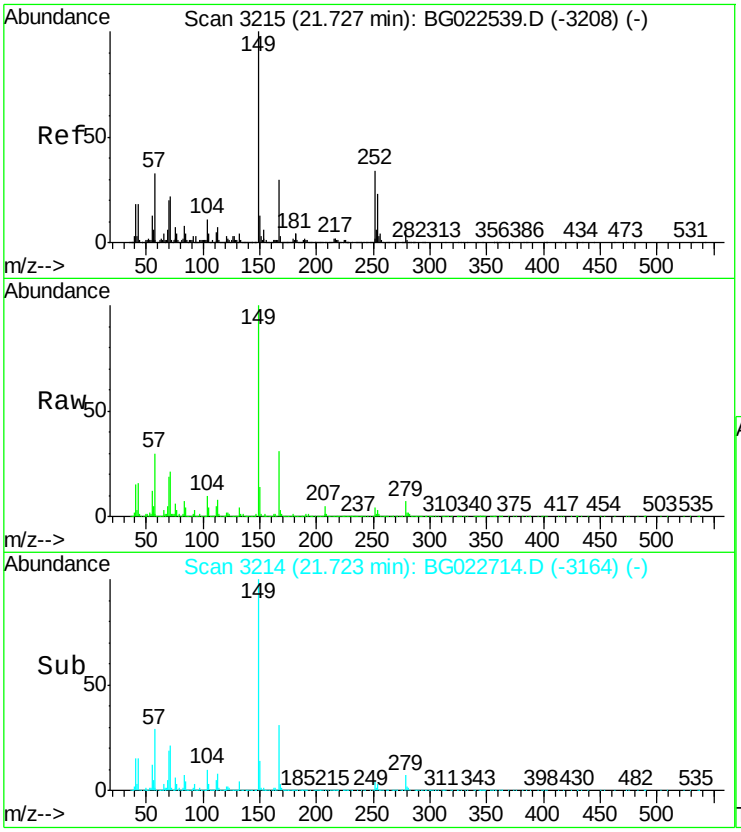




#82
Chrysene
Concen: 39.07 ng
RT: 21.90 min Scan# 3245
Delta R.T. 0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:228 Resp: 2639073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 37.7 | 26.7 | 40.1 |
| 229 | 25.1 | 17.4 | 26.2 |



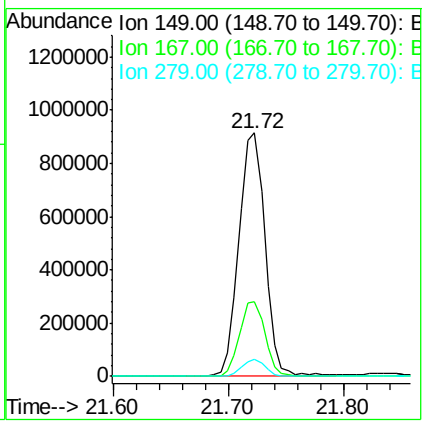


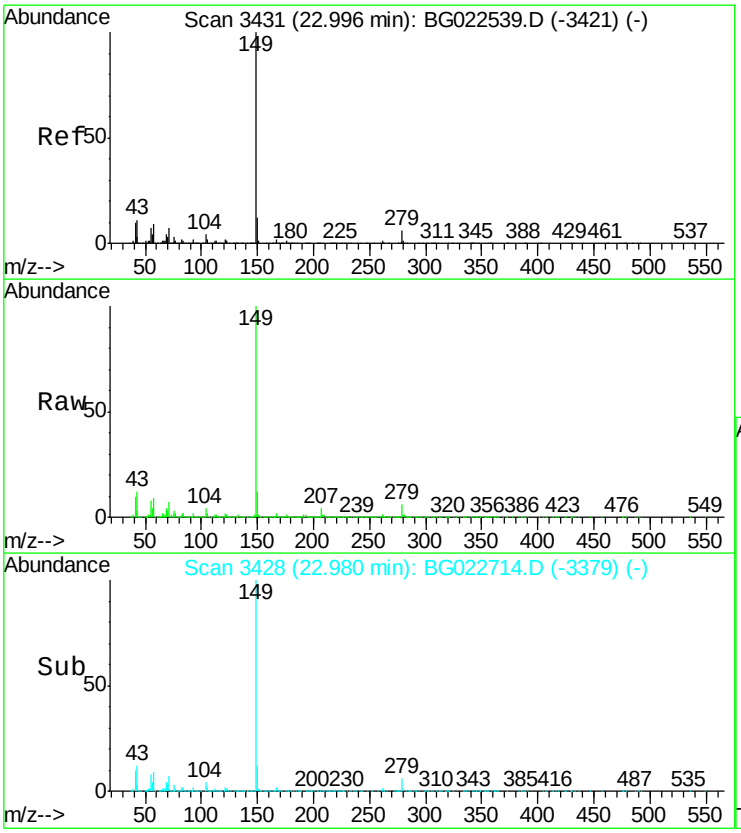

#83
Bis(2-ethylhexyl)phthalate
Concen: 34.03 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 1435067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.6 | 24.0 | 36.0 |
| 279 | 6.9 | 4.8 | 7.2 |

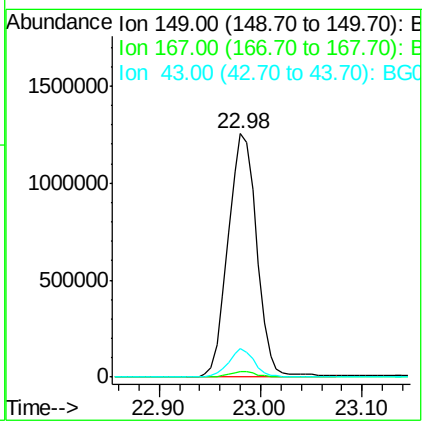


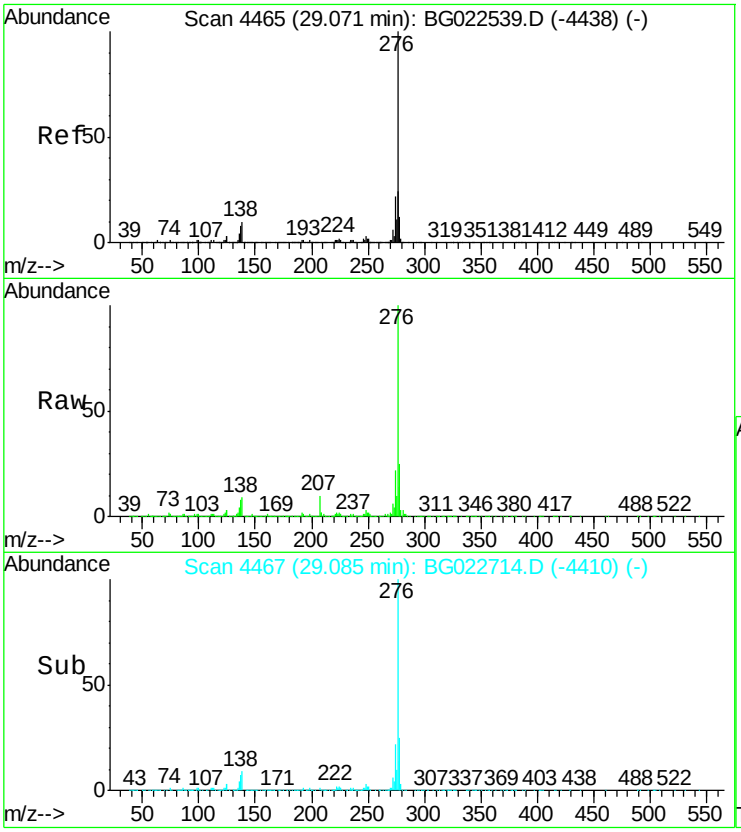




#84
Di-n-octyl phthalate
Concen: 35.29 ng
RT: 22.98 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:149 Resp: 2453223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 2.0 | 1.5 | 2.3 |
| 43 | 10.0 | 8.8 | 13.2 |



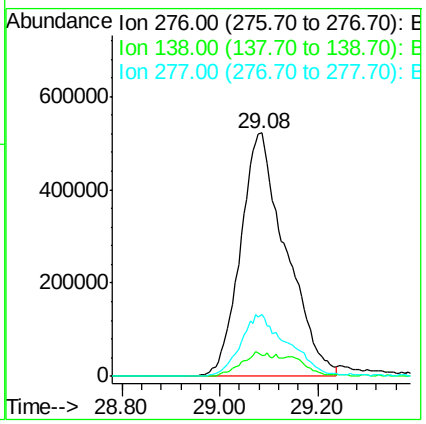


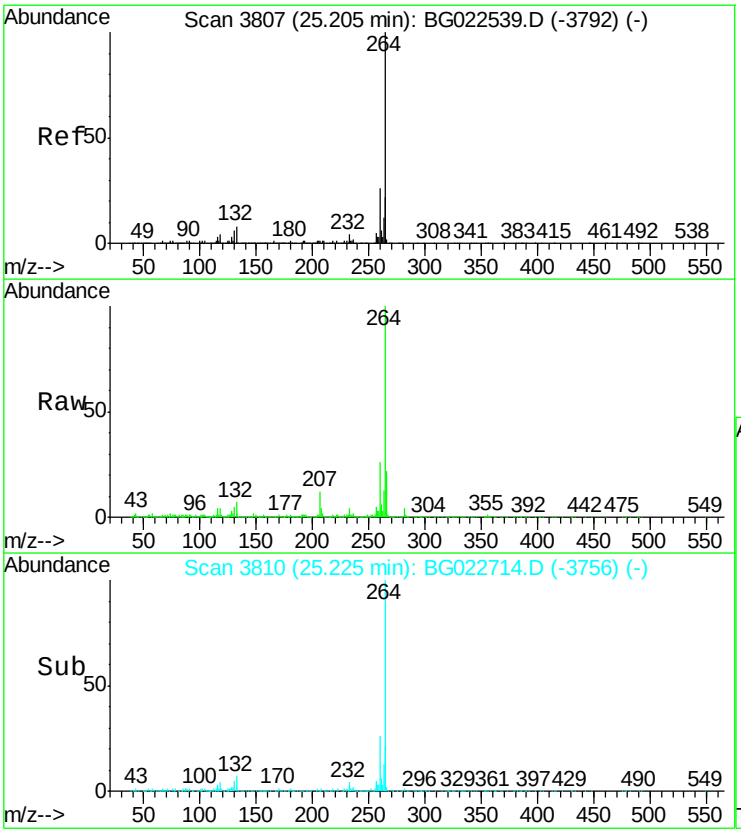

#85
Indeno(1,2,3-cd)pyrene
Concen: 38.03 ng
RT: 29.08 min Scan# 4467
Delta R.T. 0.04 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 3375894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 6.5 | 0.0 | 0.0# |
| 277 | 26.3 | 0.0 | 0.0# |

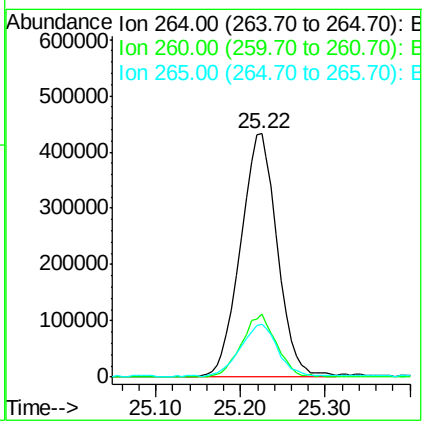


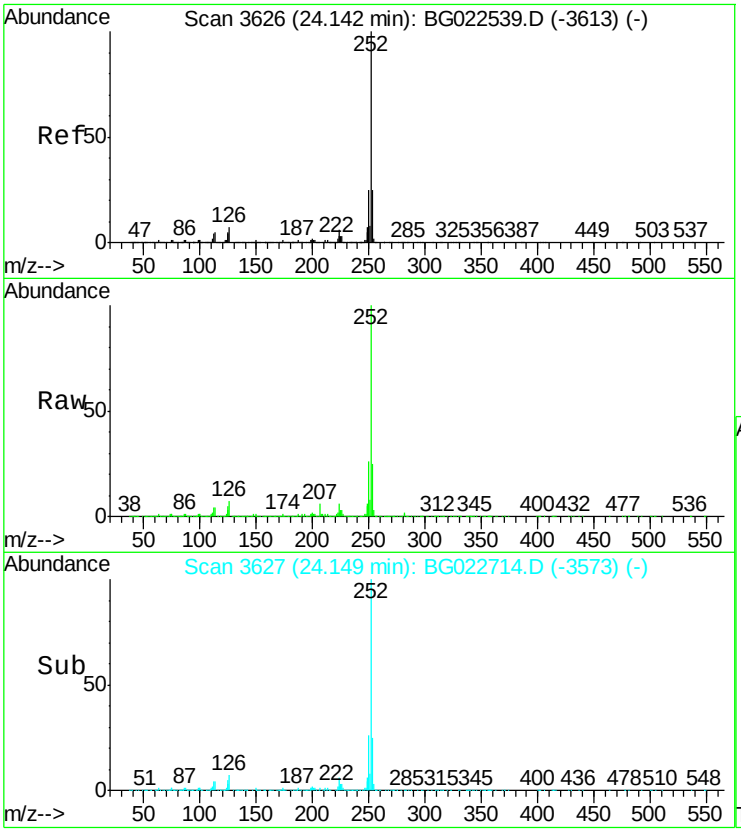




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:264 Resp: 1306569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 18.4 | 27.6 |
| 265 | 21.8 | 18.9 | 28.3 |



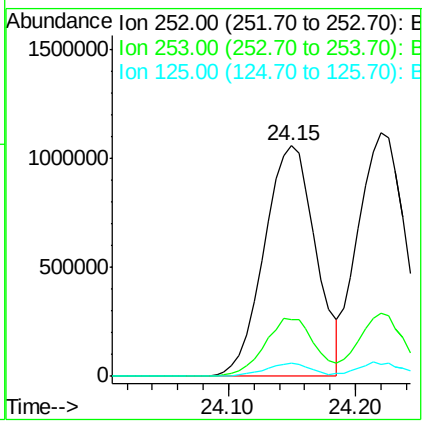


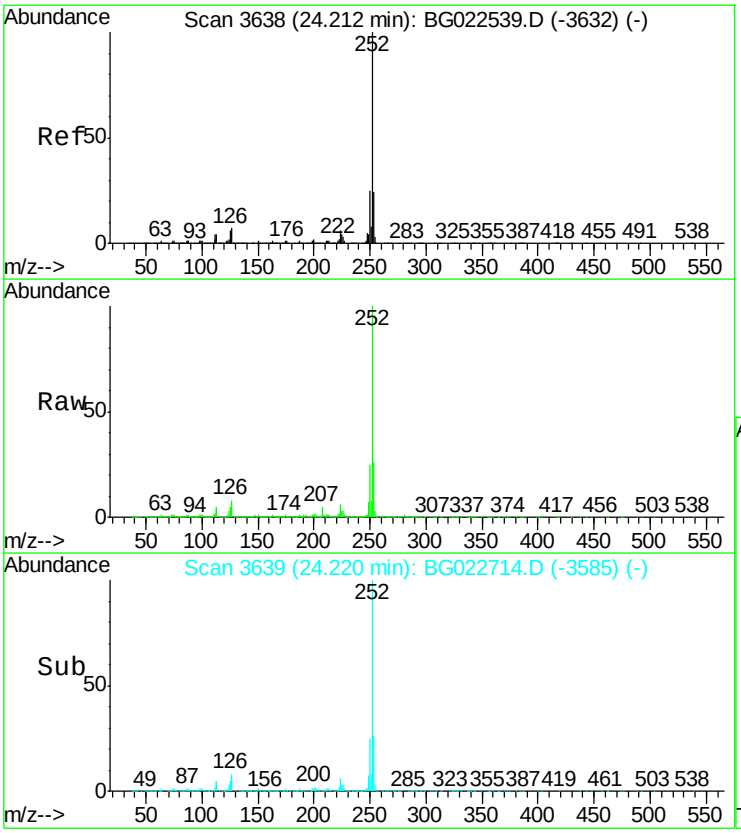

#87
Benzo(b)fluoranthene
Concen: 38.08 ng
RT: 24.15 min Scan# 3627
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 2992036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 18.9 | 28.3 |
| 125 | 5.5 | 3.9 | 5.9 |

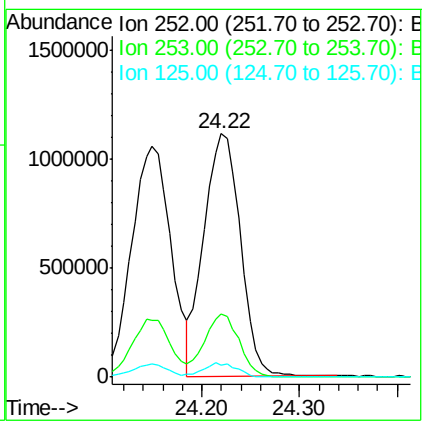


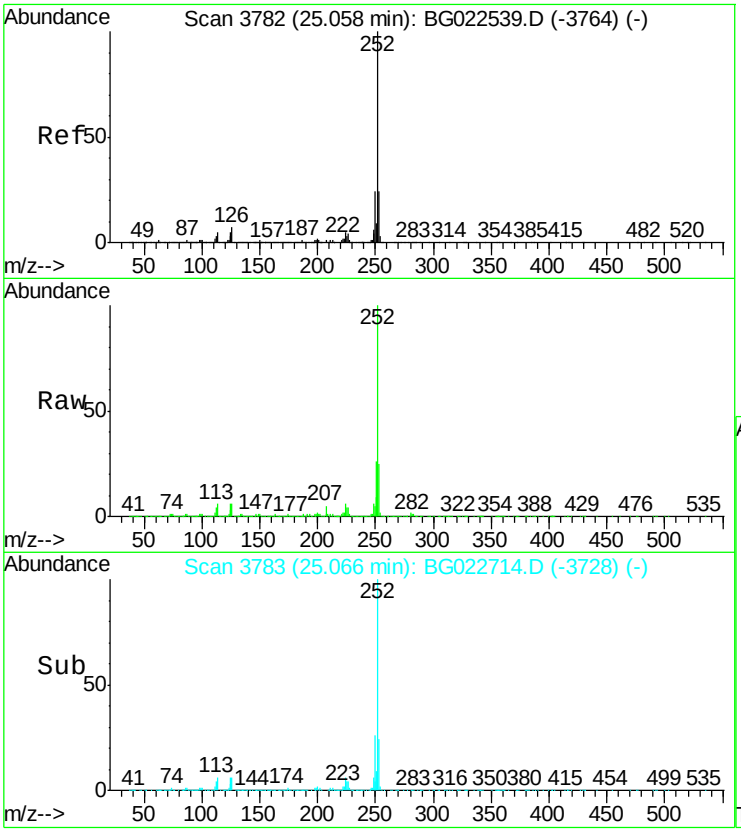




#88
Benzo(k)fluoranthene
Concen: 38.94 ng
RT: 24.22 min Scan# 3639
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:252 Resp: 2891840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.8 | 18.8 | 28.2 |
| 125 | 5.0 | 3.2 | 4.8# |



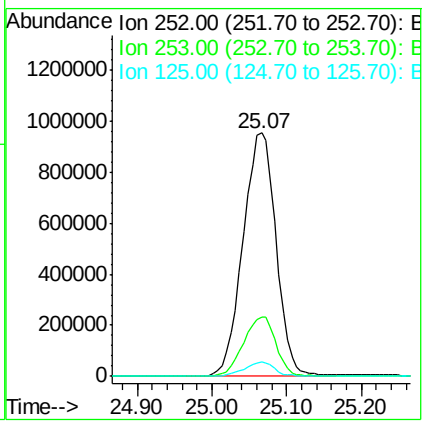


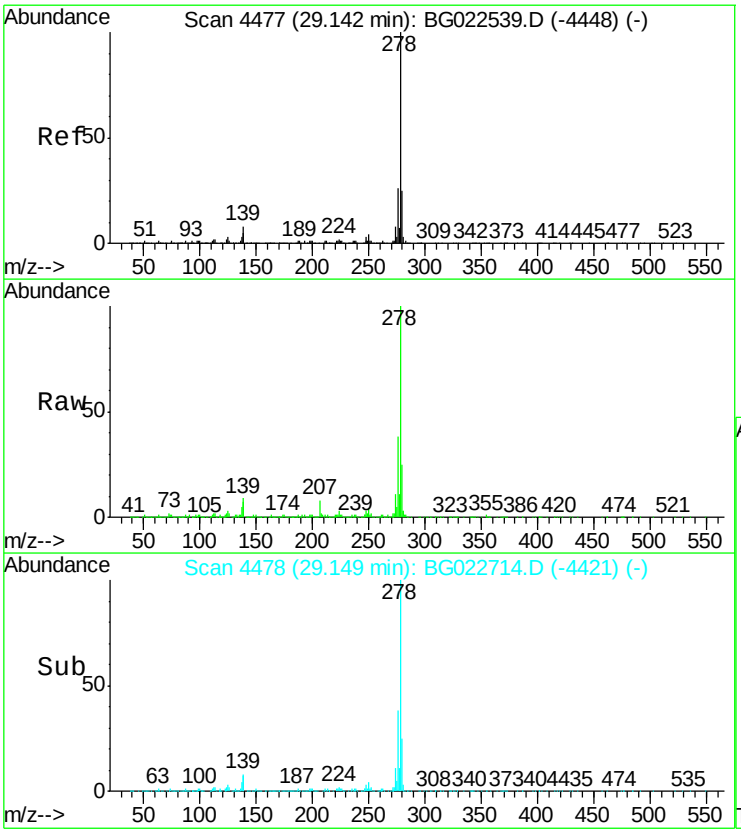

#89
Benzo(a)pyrene
Concen: 38.22 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 2927008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 18.7 | 28.1 |
| 125 | 6.1 | 3.9 | 5.9# |

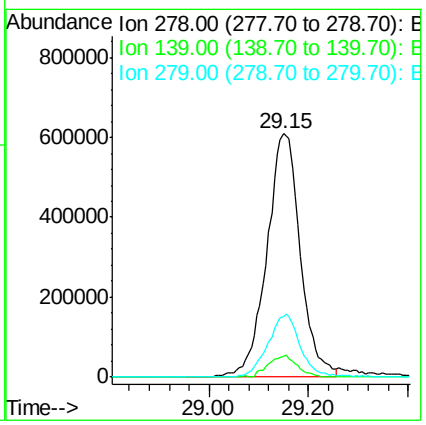


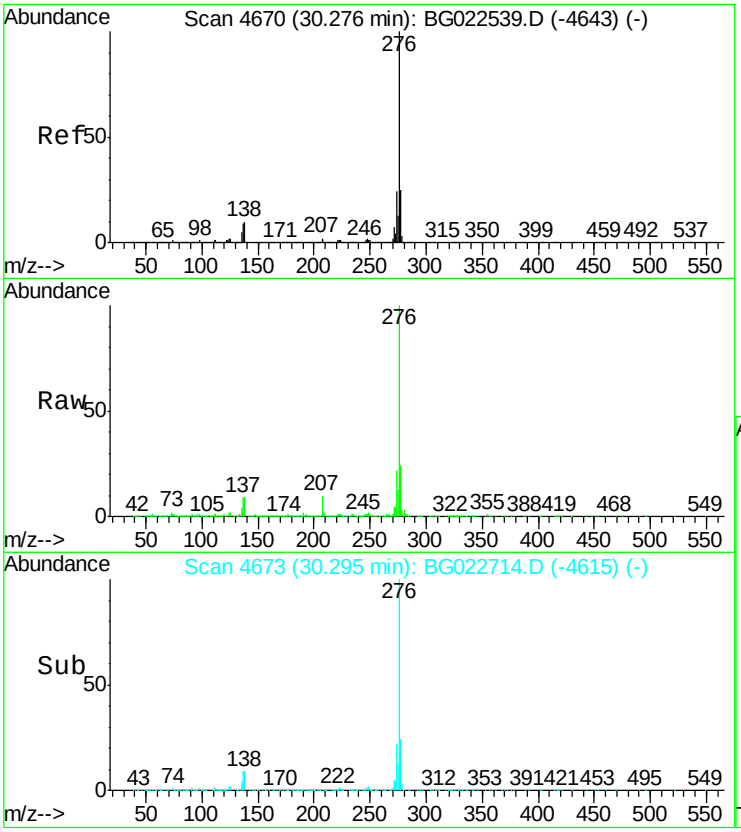




#90
Dibenzo(a,h)anthracene
Concen: 39.41 ng
RT: 29.15 min Scan# 4478
Delta R.T. 0.04 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

Tgt Ion:278 Resp: 2841420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.5 | 4.7 | 7.1# |
| 279 | 24.8 | 18.3 | 27.5 |






#91
Benzo(g,h,i)perylene
Concen: 36.47 ng
RT: 30.30 min Scan# 4673
Delta R.T. 0.04 min
Lab File: BG022714.D
Acq: 30 Jun 2016 4:38

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 2676666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.6 | 27.8 |
| 138 | 9.4 | 6.8 | 10.2 |