Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010104.D
Acq On : 22 May 2017 16:11
Operator : SJ/MA
Sample : PB99141BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: May 23 05:27:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 167550 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.77 | 136 | 564075 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.60 | 164 | 347920 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.34 | 188 | 837390 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.50 | 240 | 1285327 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.87 | 264 | 1473210 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 1212843 | 130.72 | ng | | -0.01 |
| 7) Phenol-d6 | 7.16 | 99 | 1487616 | 124.60 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 971443 | 92.91 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.09 | 330 | 738625 | 139.78 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.22 | 172 | 2551155 | 94.27 | ng | | -0.01 |
| 78) Terphenyl-d14 | 19.94 | 244 | 4273629 | 75.60 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.44 | 88 | 156918 | 36.81 | ng | # | 100 |
| 3) Pyridine | 3.85 | 79 | 412407 | 36.14 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 3.77 | 42 | 183279 | 44.40 | ng | # | 84 |
| 6) Aniline | 7.32 | 93 | 231994 | 15.68 | ng | | 91 |
| 8) 2-Chlorophenol | 7.54 | 128 | 394736 | 39.10 | ng | | 94 |
| 9) Benzaldehyde | 7.13 | 77 | 106975 | 14.39 | ng | | 88 |
| 10) Phenol | 7.18 | 94 | 497015 | 39.50 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.40 | 93 | 339558 | 36.21 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.85 | 146 | 470685 | 36.69 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 8.00 | 146 | 481966 | 36.57 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.32 | 146 | 465847 | 36.83 | ng | | 95 |
| 15) Benzyl Alcohol | 8.23 | 79 | 374054 | 41.41 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49 | 45 | 300060 | 32.54 | ng | | 76 |
| 17) 2-Methylphenol | 8.42 | 107 | 327791 | 36.61 | ng | # | 85 |
| 18) Hexachloroethane | 9.04 | 117 | 161325 | 37.77 | ng | # | 74 |
| 19) n-Nitroso-di-n-propylamine | 8.77 | 70 | 315695 | 37.46 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.76 | 107 | 438407 | 36.26 | ng | | 89 |
| 22) Acetophenone | 8.80 | 105 | 590794 | 40.86 | ng | # | 98 |
| 24) Nitrobenzene | 9.20 | 77 | 484680 | 45.00 | ng | | 97 |
| 25) Isophorone | 9.70 | 82 | 759381 | 42.03 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.90 | 139 | 186699 | 41.12 | ng | # | 62 |
| 27) 2,4-Dimethylphenol | 9.95 | 122 | 342783 | 41.81 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 10.19 | 93 | 444176 | 38.74 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.43 | 162 | 417003 | 44.18 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.62 | 180 | 499139 | 40.87 | ng | | 94 |
| 31) Naphthalene | 10.83 | 128 | 1150591 | 38.13 | ng | | 99 |
| 32) Benzoic acid | 10.09 | 122 | 214290 | 38.36 | ng | # | 86 |
| 33) 4-Chloroaniline | 10.97 | 127 | 75720 | 6.51 | ng | # | 85 |
| 34) Hexachlorobutadiene | 11.07 | 225 | 341774 | 41.96 | ng | | 95 |
| 35) Caprolactam | 11.77 | 113 | 100464 | 37.10 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 12.07 | 107 | 404465 | 39.57 | ng | | 83 |
| 37) 2-Methylnaphthalene | 12.42 | 142 | 879853 | 40.50 | ng | # | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.77 | 216 | 571156 | 42.69 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.74 | 237 | 839593 | 108.69 | ng | | 100 |

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Data File : BM010104.D
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Operator : SJ/MA
Sample : PB99141BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: May 23 05:27:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.03 | 196 | 359123 | 45.57 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.11 | 196 | 384802 | 44.19 | ng | # | 94 |
| 45) 1,1'-Biphenyl | 13.43 | 154 | 1182284 | 41.32 | ng | | 100 |
| 46) 2-Chloronaphthalene | 13.48 | 162 | 944230 | 40.76 | ng | | 96 |
| 47) 2-Nitroaniline | 13.72 | 65 | 248677 | 41.75 | ng | # | 82 |
| 48) Acenaphthylene | 14.33 | 152 | 1441324 | 42.08 | ng | | 100 |
| 49) Dimethylphthalate | 14.06 | 163 | 1195716 | 38.53 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 14.19 | 165 | 250628 | 42.53 | ng | | 88 |
| 51) Acenaphthene | 14.66 | 154 | 881406 | 41.39 | ng | | 99 |
| 52) 3-Nitroaniline | 14.55 | 138 | 158300 | 28.90 | ng | # | 79 |
| 53) 2,4-Dinitrophenol | 14.73 | 184 | 312303 | 79.78 | ng | # | 86 |
| 54) Dibenzofuran | 15.00 | 168 | 1500040 | 44.80 | ng | | 97 |
| 55) 4-Nitrophenol | 14.85 | 139 | 362374 | 82.21 | ng | # | 36 |
| 56) 2,4-Dinitrotoluene | 14.97 | 165 | 351611 | 42.17 | ng | # | 82 |
| 57) Fluorene | 15.65 | 166 | 1201585 | 41.27 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.22 | 232 | 354382 | 47.78 | ng | # | 100 |
| 59) Diethylphthalate | 15.41 | 149 | 1144690 | 39.01 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.63 | 204 | 669870 | 40.98 | ng | | 99 |
| 61) 4-Nitroaniline | 15.71 | 138 | 199796 | 35.93 | ng | # | 33 |
| 62) Azobenzene | 15.93 | 77 | 1107015 | 51.31 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 15.72 | 198 | 210994 | 41.24 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 15.86 | 169 | 1038803 | 41.39 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.53 | 248 | 447651 | 41.76 | ng | | 96 |
| 67) Hexachlorobenzene | 16.62 | 284 | 513180 | 39.40 | ng | | 99 |
| 68) Atrazine | 16.80 | 200 | 406800 | 42.75 | ng | | 99 |
| 69) Pentachlorophenol | 16.98 | 266 | 619300 | 86.57 | ng | | 98 |
| 70) Phenanthrene | 17.39 | 178 | 1935414 | 41.31 | ng | | 99 |
| 71) Anthracene | 17.47 | 178 | 1972765 | 42.43 | ng | | 99 |
| 72) Carbazole | 17.76 | 167 | 1722639 | 41.85 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.28 | 149 | 1846807 | 37.84 | ng | # | 98 |
| 74) Fluoranthene | 19.39 | 202 | 2473644 | 40.66 | ng | | 98 |
| 76) Benzidine | 19.59 | 184 | 1150687 | 48.54 | ng | | 99 |
| 77) Pyrene | 19.75 | 202 | 2575176 | 37.37 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.63 | 149 | 919955 | 36.06 | ng | # | 87 |
| 80) Benzo(a)anthracene | 21.49 | 228 | 2963674 | 41.84 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.43 | 252 | 871966 | 30.60 | ng | # | 95 |
| 82) Chrysene | 21.54 | 228 | 2695896 | 40.13 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 1370805 | 35.93 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 22.28 | 149 | 2582287 | 37.81 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 26.30 | 276 | 4716828 | 47.88 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.14 | 252 | 3632444 | 42.13 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 23.19 | 252 | 3456399 | 40.92 | ng | # | 95 |
| 89) Benzo(a)pyrene | 23.76 | 252 | 3557307 | 43.30 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 26.31 | 278 | 3976646 | 43.28 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 27.06 | 276 | 3885406 | 43.16 | ng | # | 87 |

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

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
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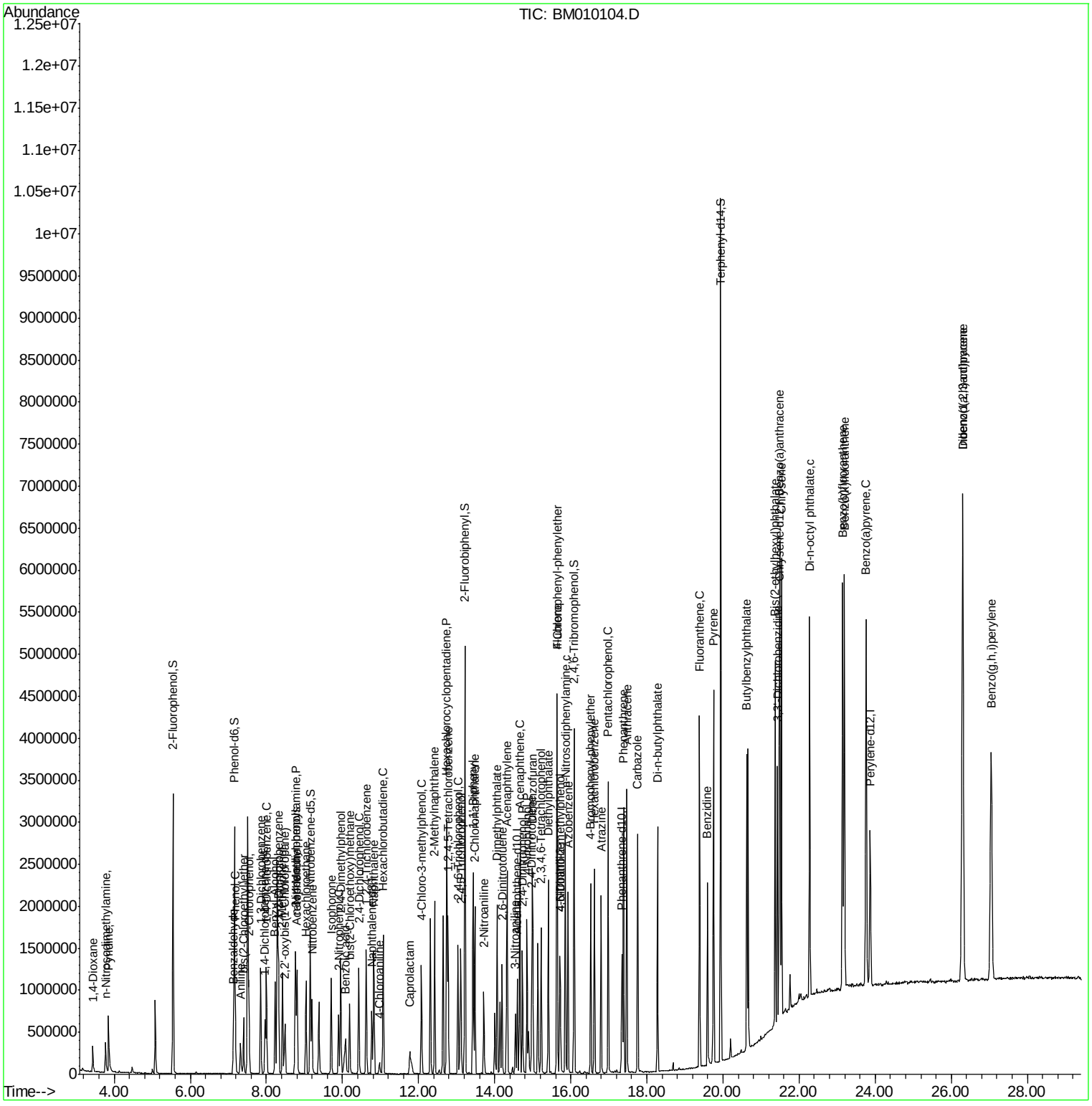
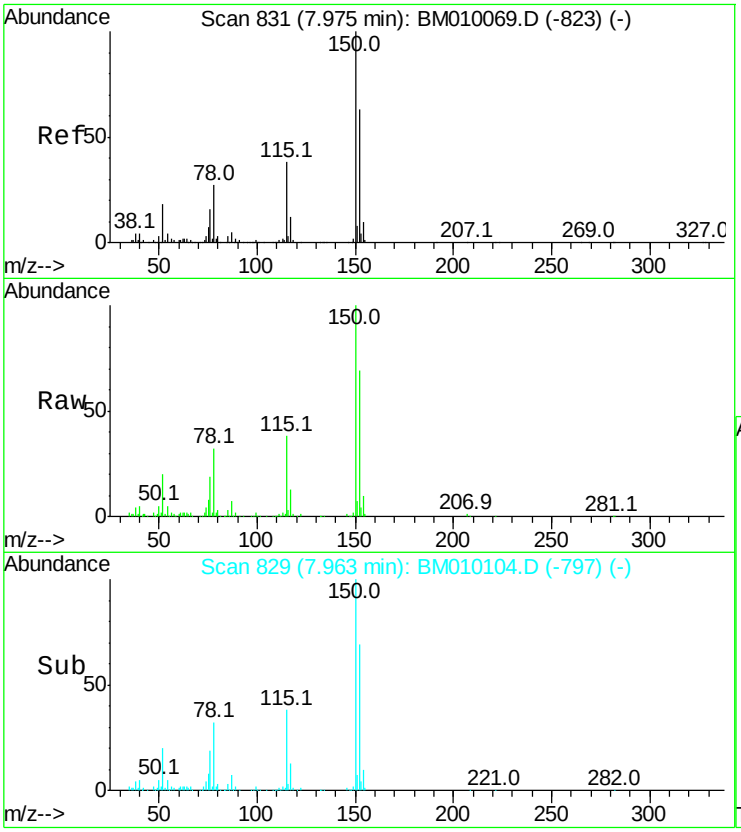
Acq On : 22 May 2017 16:11
Operator : SJ/MA
Sample : PB99141BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: May 23 05:27:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration



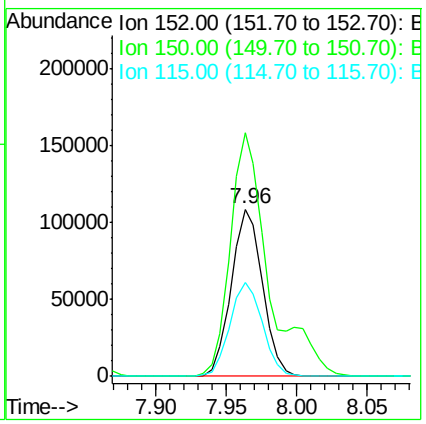


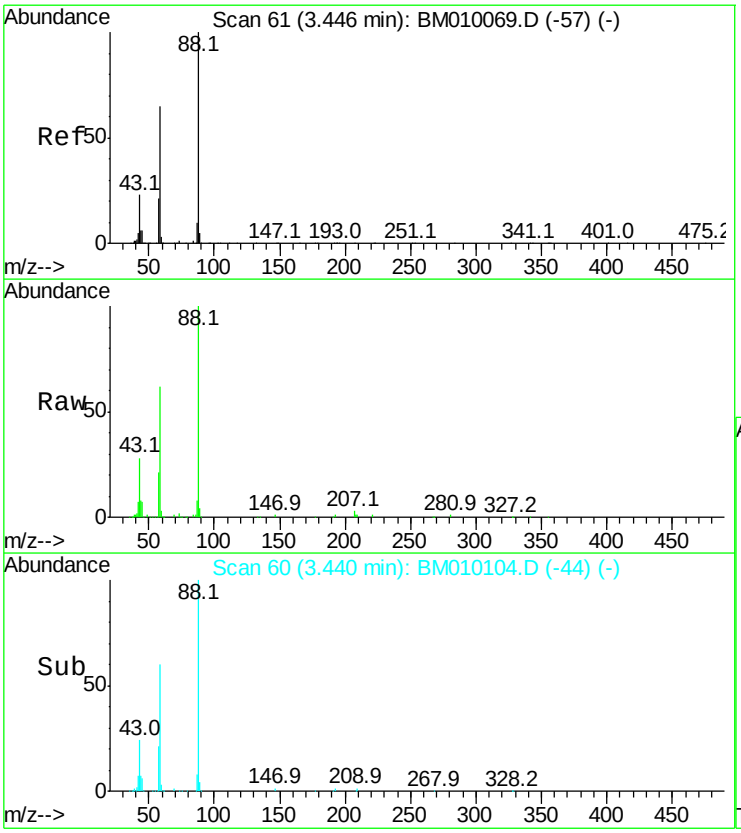

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 167550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.6 | 119.5 | 179.3 |
| 115 | 56.0 | 43.0 | 64.4 |

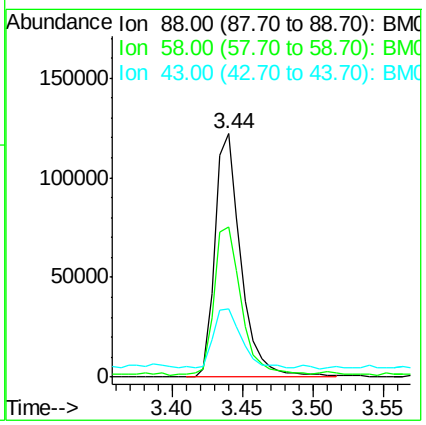


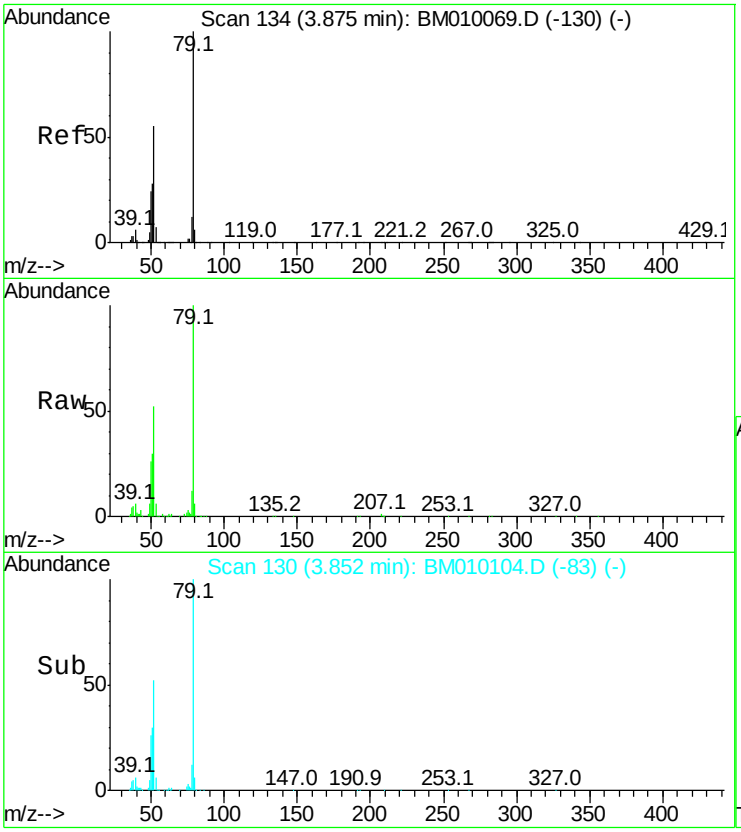




#2
1,4-Dioxane
Concen: 36.81 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 88 Resp: 156918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 64.3 | 0.0 | 0.0# |
| 43 | 26.1 | 0.0 | 0.0# |



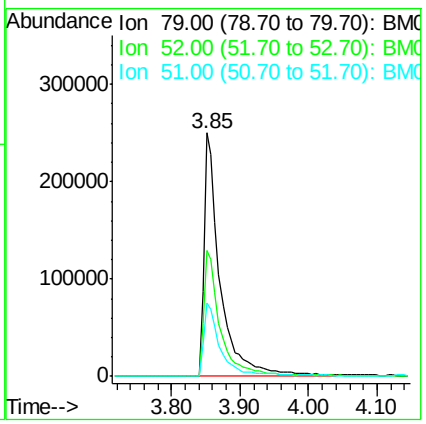


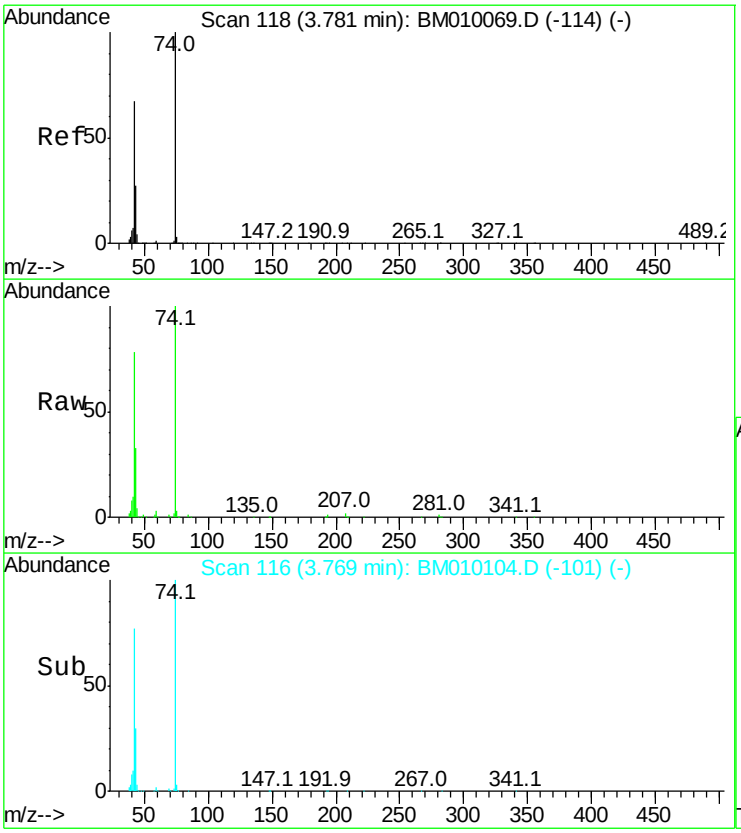

#3
Pyridine
Concen: 36.14 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 412407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 51.8 | 51.1 | 76.7 |
| 51 | 30.1 | 26.1 | 39.1 |

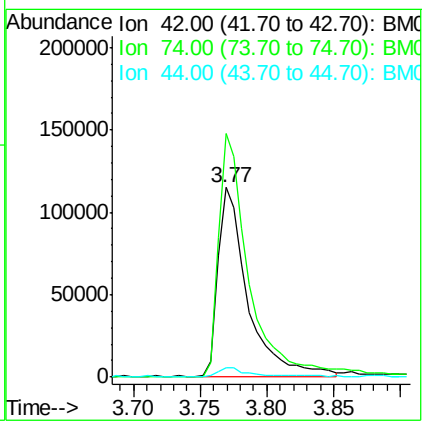


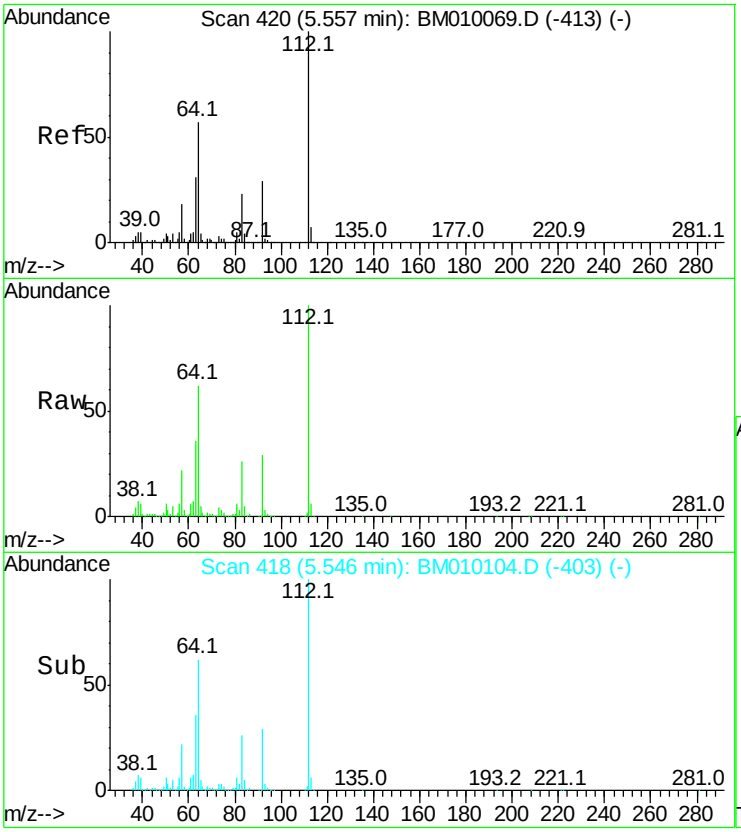




#4
n-Nitrosodimethylamine
Concen: 44.40 ng
RT: 3.77 min Scan# 116
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 42 Resp: 183279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 128.5 | 119.3 | 178.9 |
| 44 | 4.9 | 5.4 | 8.2# |



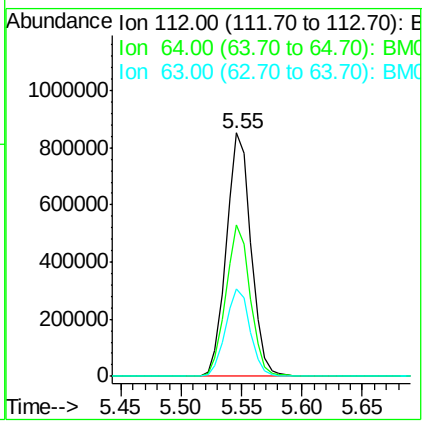


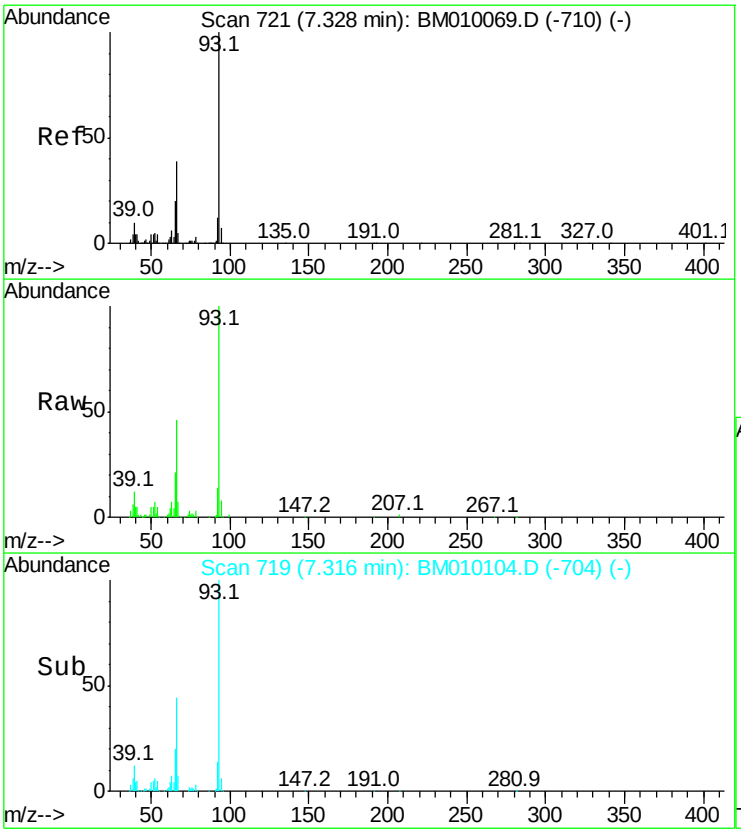

#5
2-Fluorophenol
Concen: 130.72 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:112 Resp: 1212843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.2 | 38.6 | 57.8# |
| 63 | 36.1 | 19.3 | 28.9# |

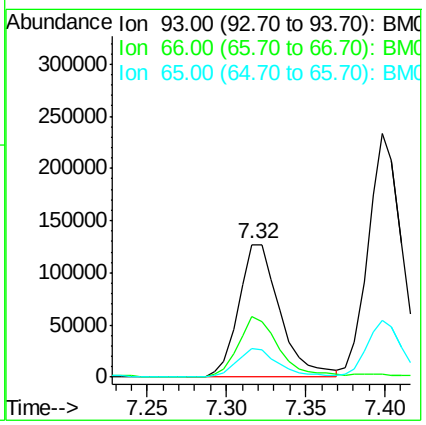


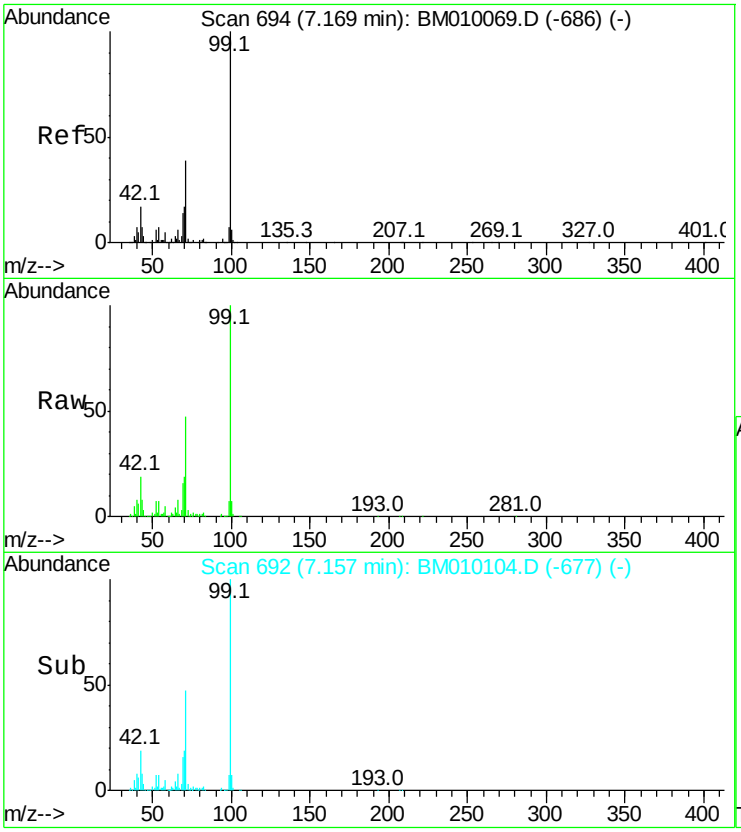




#6
Aniline
Concen: 15.68 ng
RT: 7.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 93 Resp: 231994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.6 | 30.8 | 46.2 |
| 65 | 21.4 | 16.0 | 24.0 |



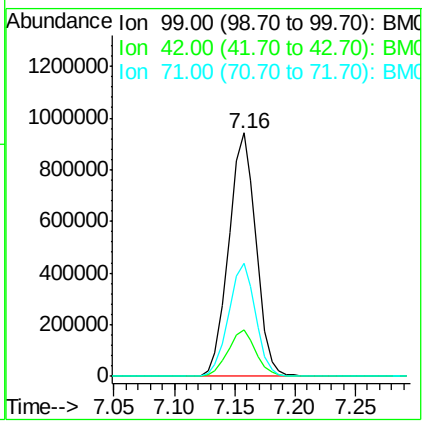


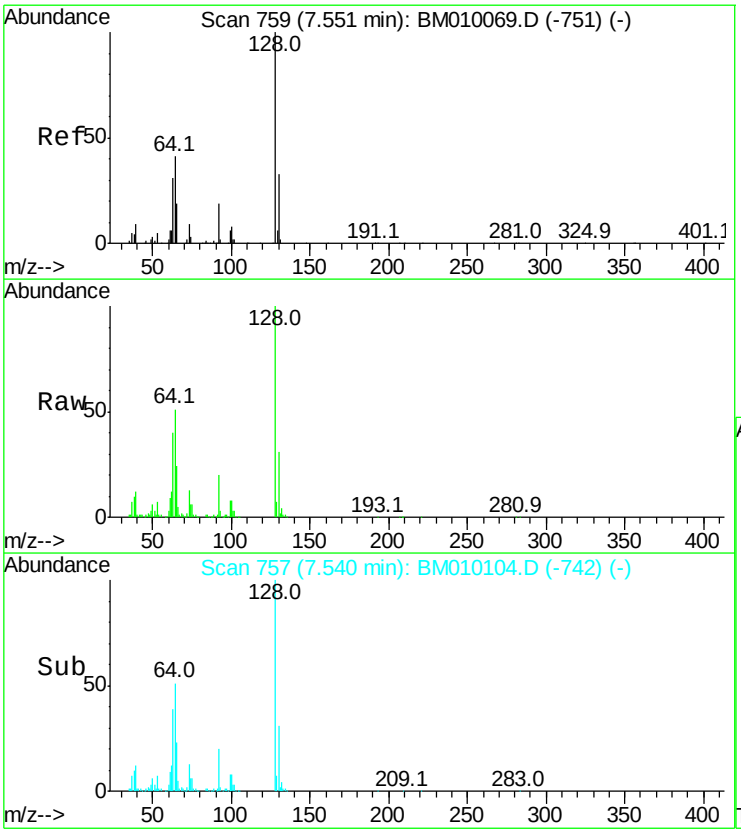

#7
Phenol-d6
Concen: 124.60 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 99 Resp: 1487616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.3 | 11.0 | 16.4# |
| 71 | 46.7 | 23.4 | 35.2# |

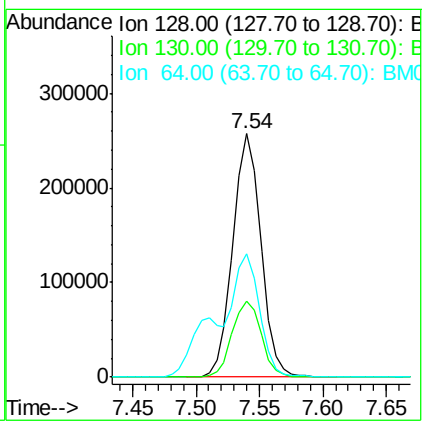


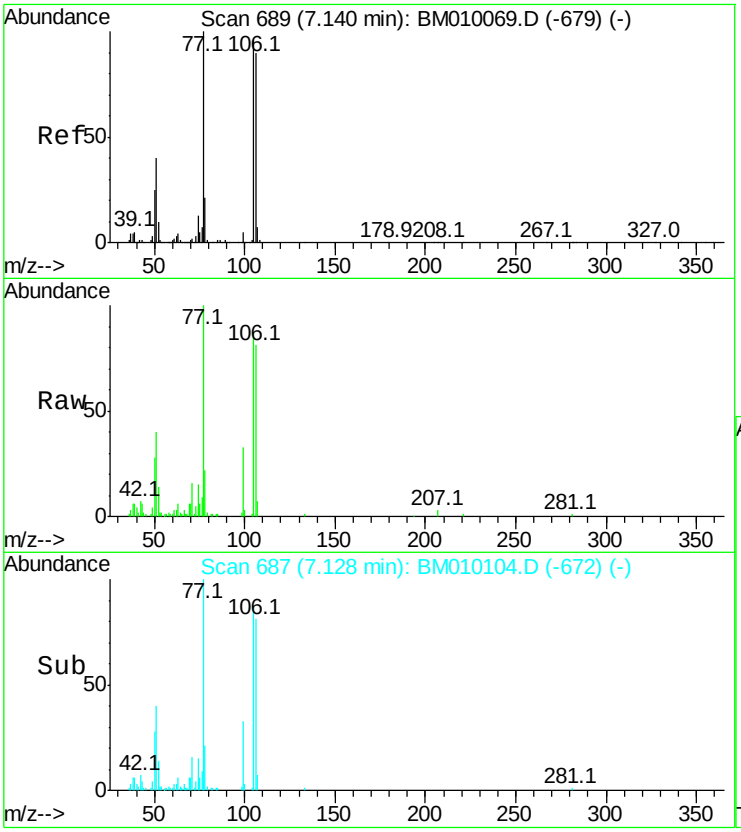




#8
2-Chlorophenol
Concen: 39.10 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:128 Resp: 394736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 12.0 | 52.0 |
| 64 | 50.8 | 24.9 | 64.9 |



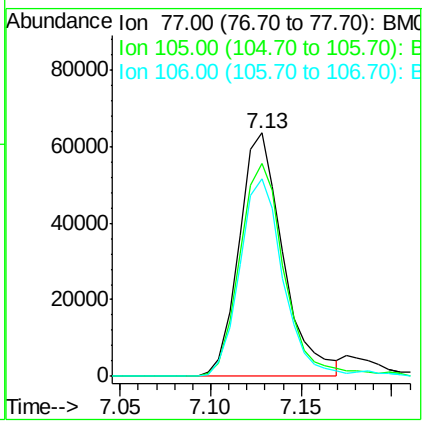


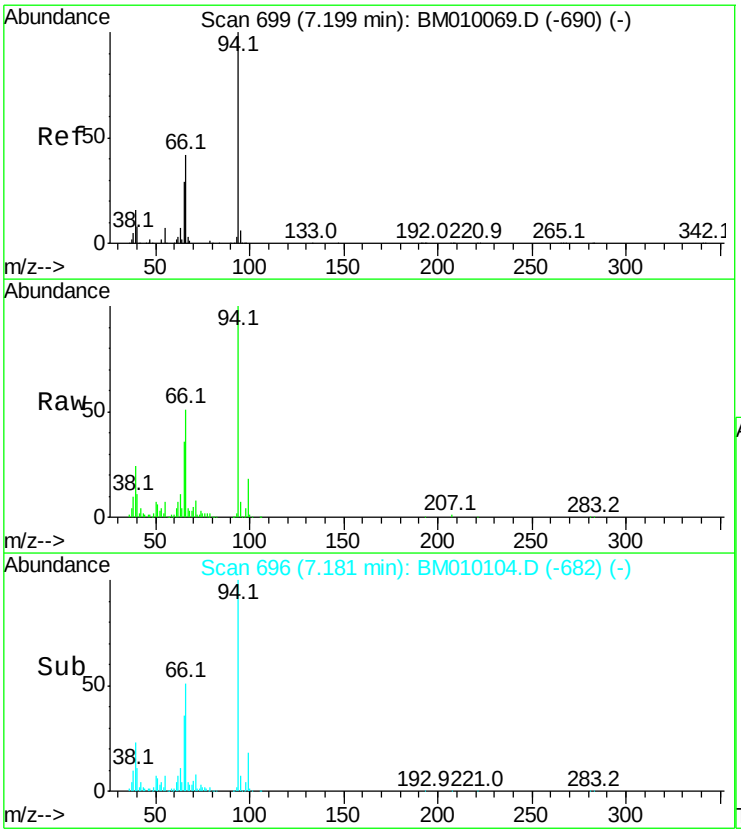

#9
Benzaldehyde
Concen: 14.39 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 106975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.4 | 78.8 | 118.8 |
| 106 | 81.4 | 73.7 | 113.7 |

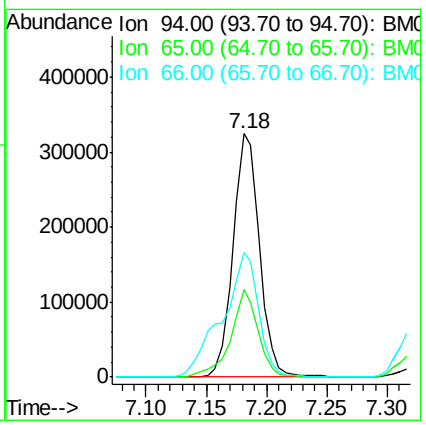


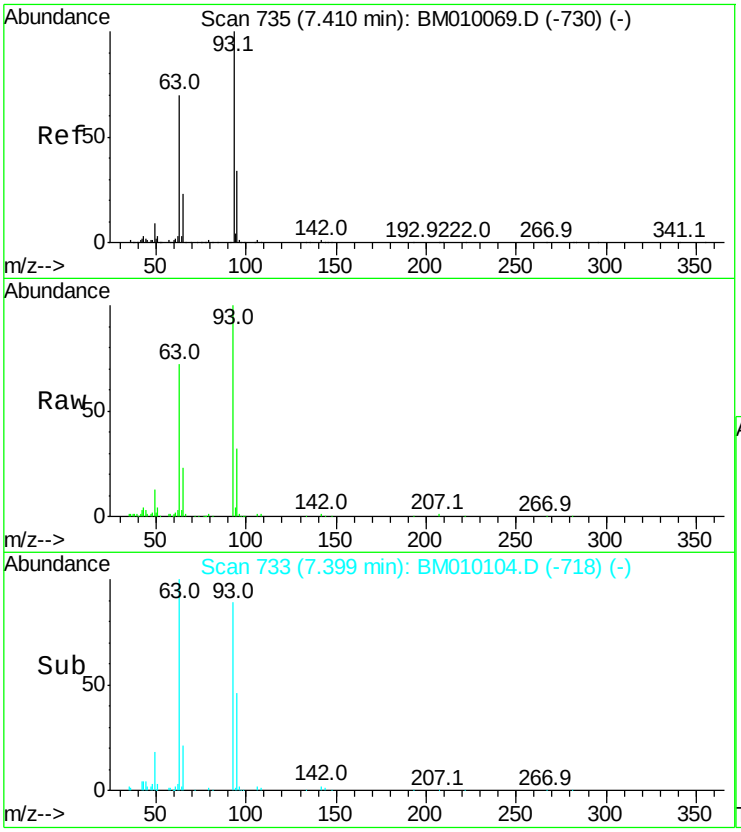




#10
Phenol
Concen: 39.50 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 94 Resp: 497015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.2 | 18.8 | 58.8 |
| 66 | 51.0 | 39.9 | 79.9 |



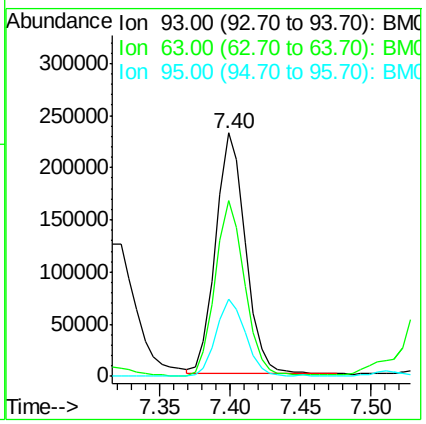


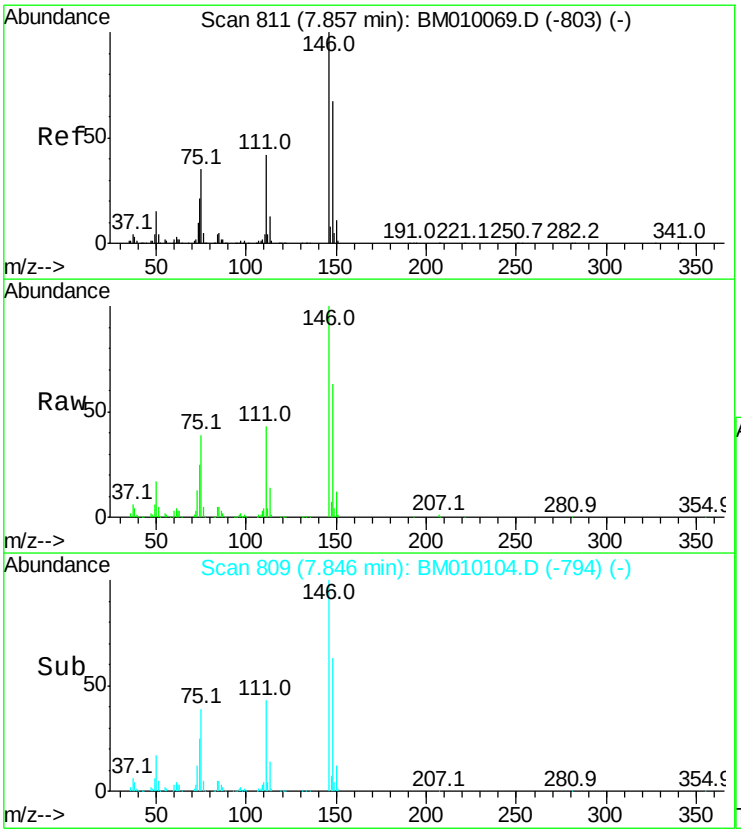

#11
bis(2-Chloroethyl)ether
Concen: 36.21 ng
RT: 7.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 93 Resp: 339558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 72.1 | 49.5 | 89.5 |
| 95 | 31.7 | 13.5 | 53.5 |

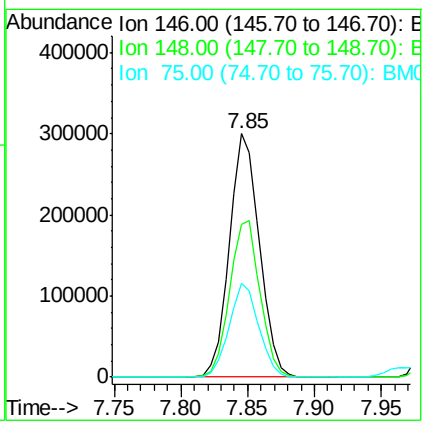


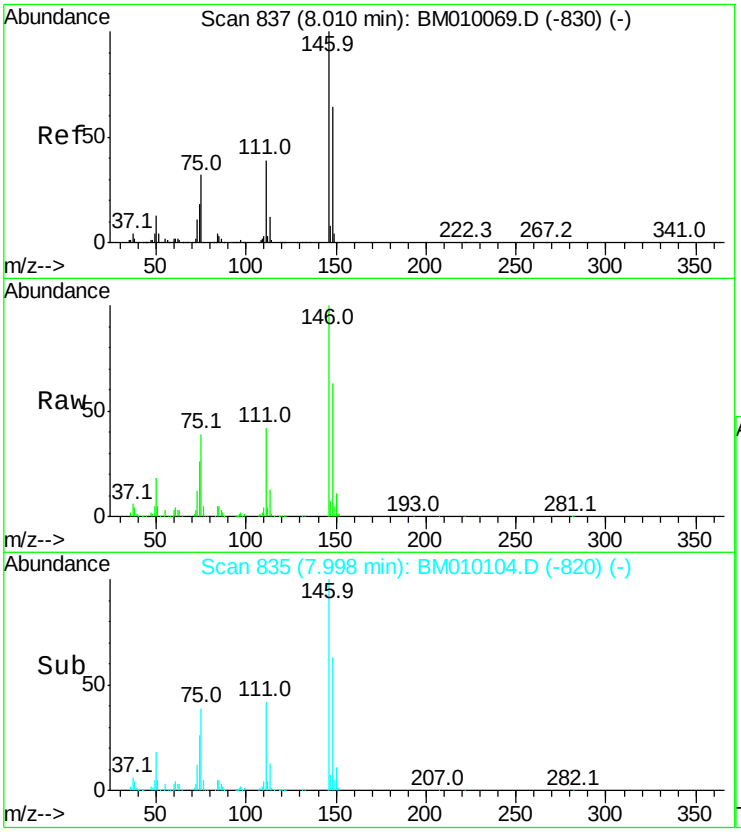




#12
1,3-Dichlorobenzene
Concen: 36.69 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:146 Resp: 470685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.9 | 76.3 |
| 75 | 38.5 | 21.4 | 32.2# |



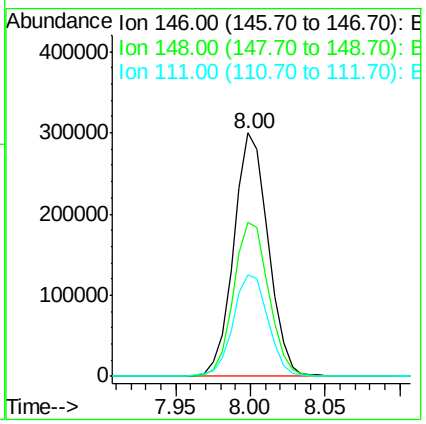


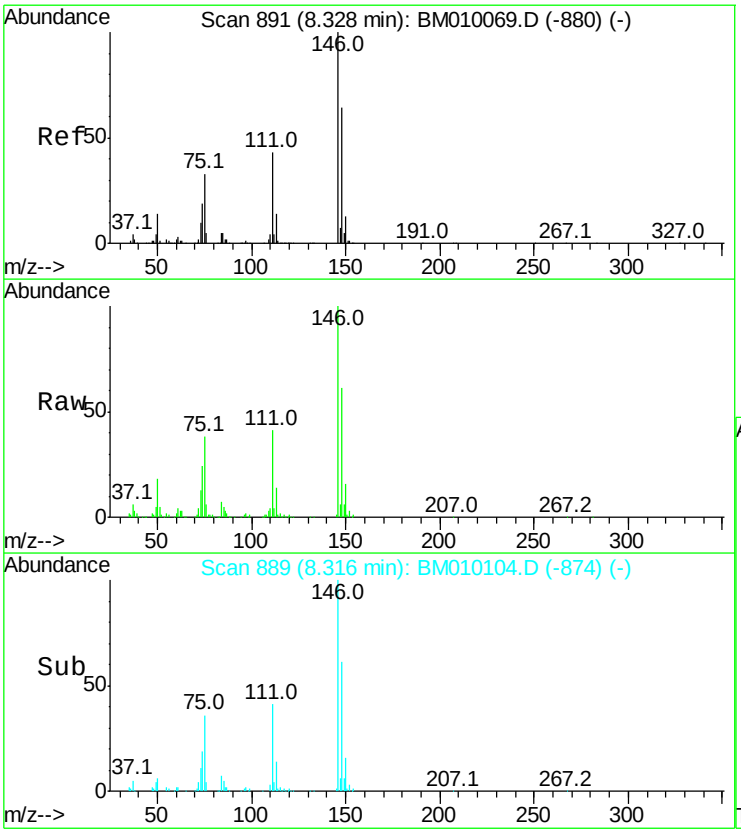

#13
1,4-Dichlorobenzene
Concen: 36.57 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:146 Resp: 481966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.9 | 77.9 |
| 111 | 41.9 | 29.2 | 43.8 |

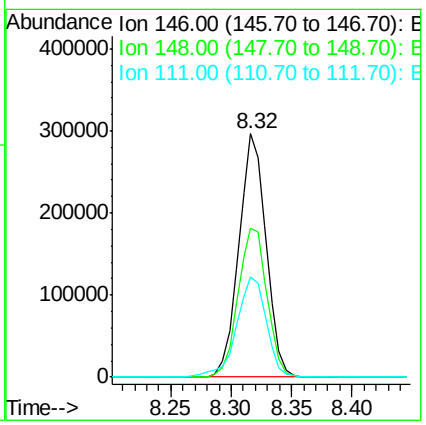


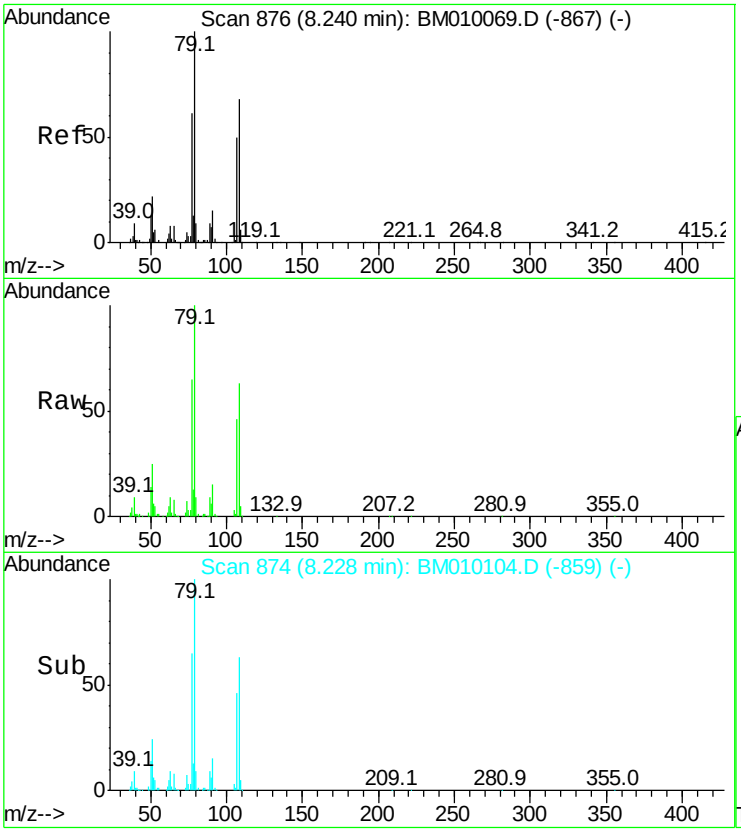




#14
1,2-Dichlorobenzene
Concen: 36.83 ng
RT: 8.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:146 Resp: 465847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.3 | 52.3 | 78.5 |
| 111 | 41.0 | 30.6 | 45.8 |



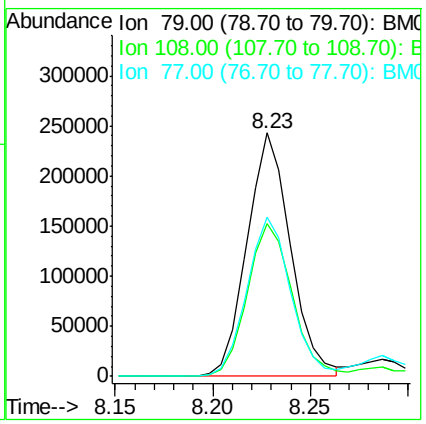


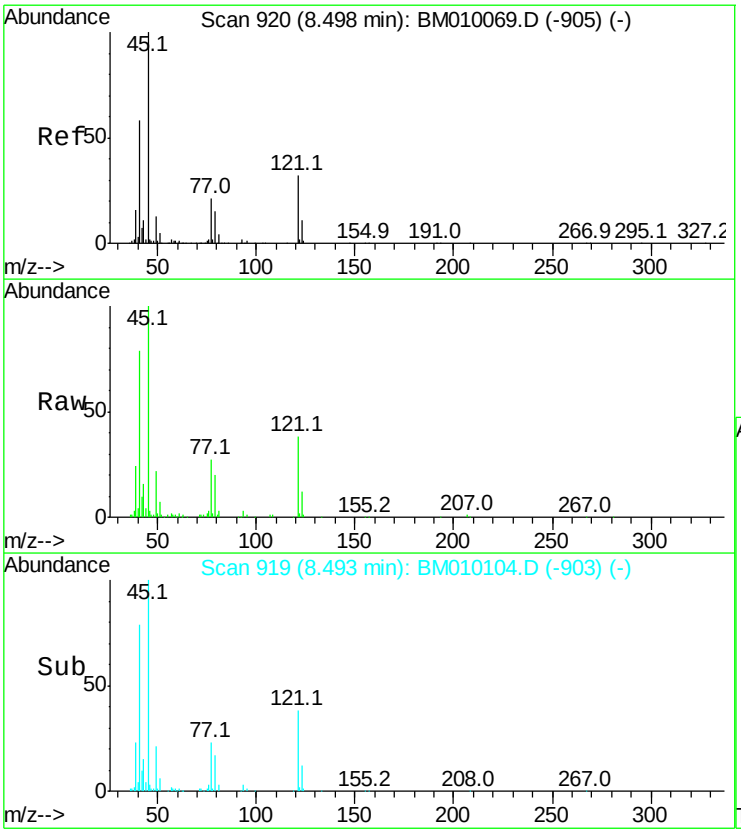

#15
Benzyl Alcohol
Concen: 41.41 ng
RT: 8.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 374054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 62.5 | 65.0 | 97.4# |
| 77 | 65.4 | 53.0 | 79.6 |

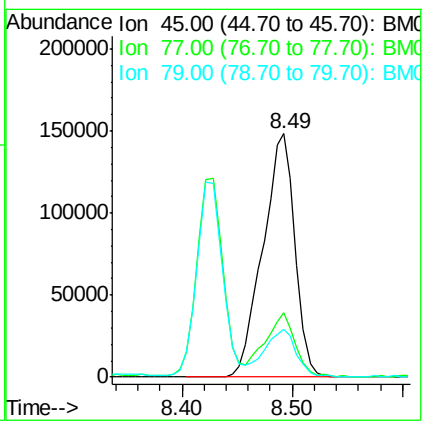


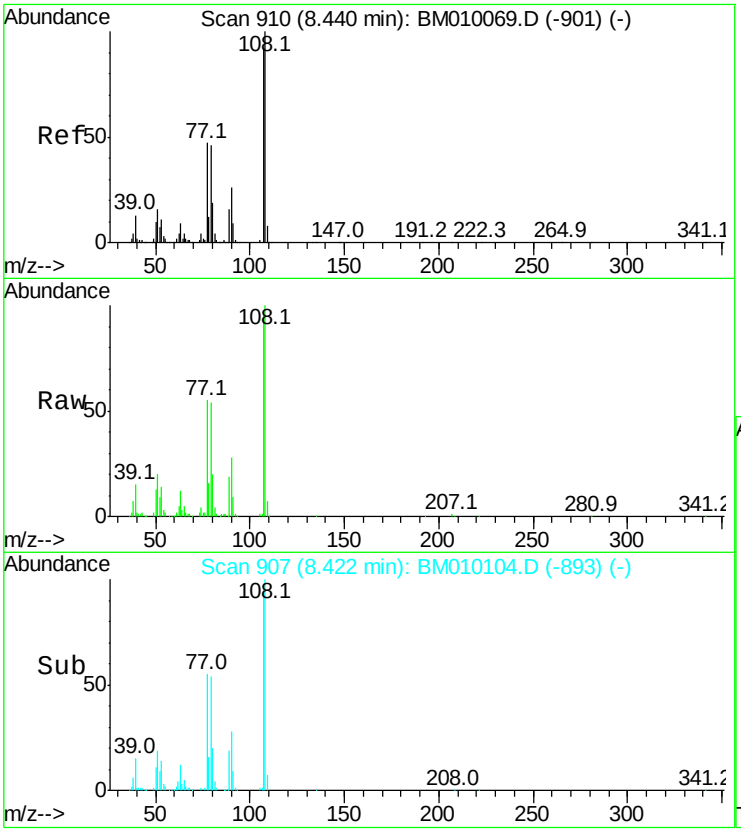




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.54 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 45 Resp: 300060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 26.6 | 0.0 | 35.2 |
| 79 | 19.6 | 0.0 | 32.0 |



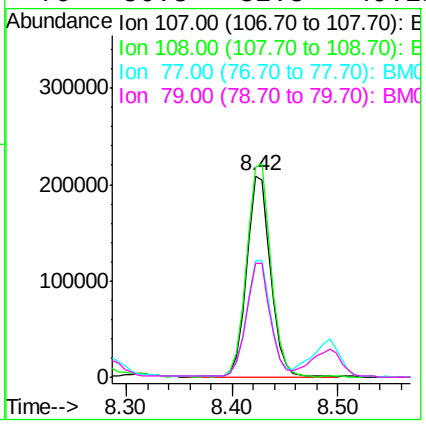


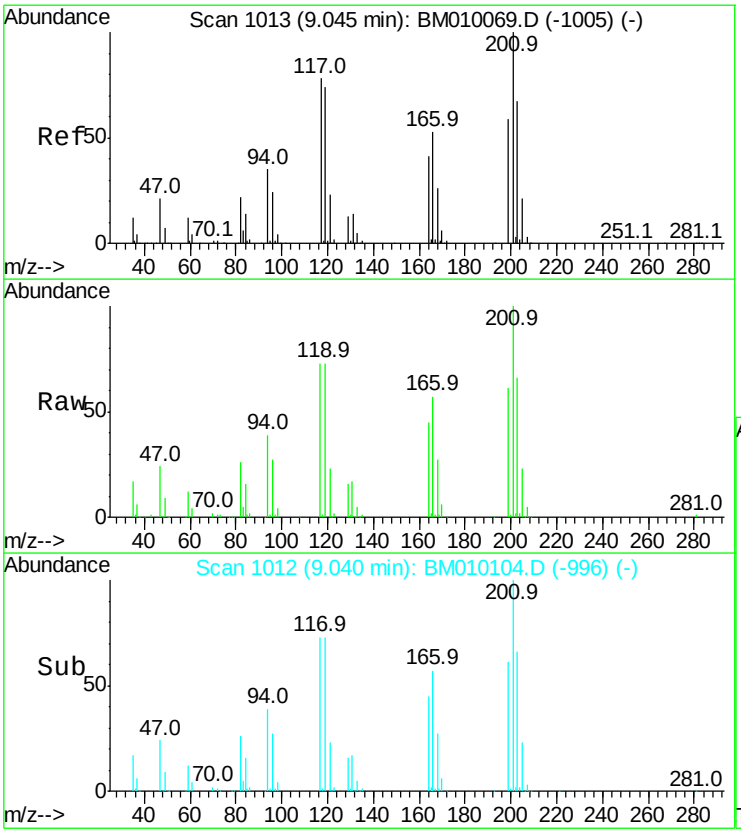

#17
2-Methylphenol
Concen: 36.61 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:107 Resp: 327791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 104.5 | 89.8 | 134.8 |
| 77 | 57.7 | 32.6 | 48.8# |
| 79 | 56.8 | 32.8 | 49.2# |

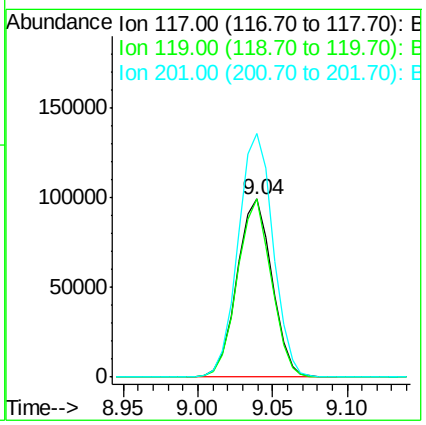


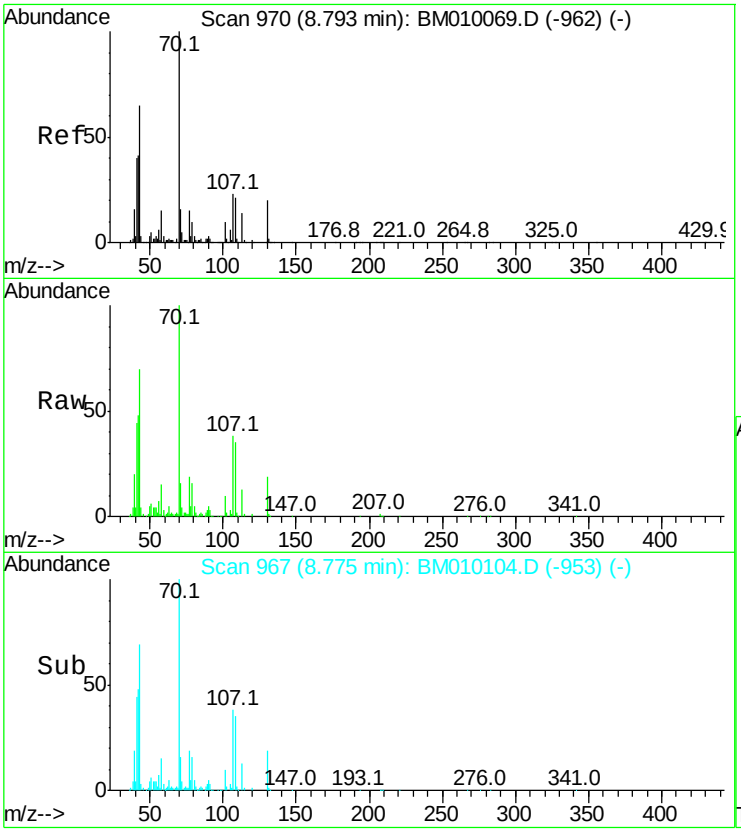




#18
Hexachloroethane
Concen: 37.77 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:117 Resp: 161325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.3 | 79.2 | 118.8 |
| 201 | 136.8 | 69.8 | 104.6# |



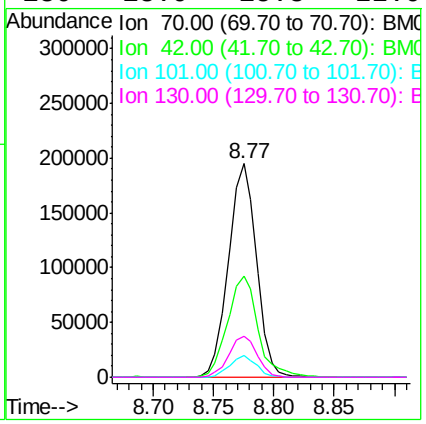


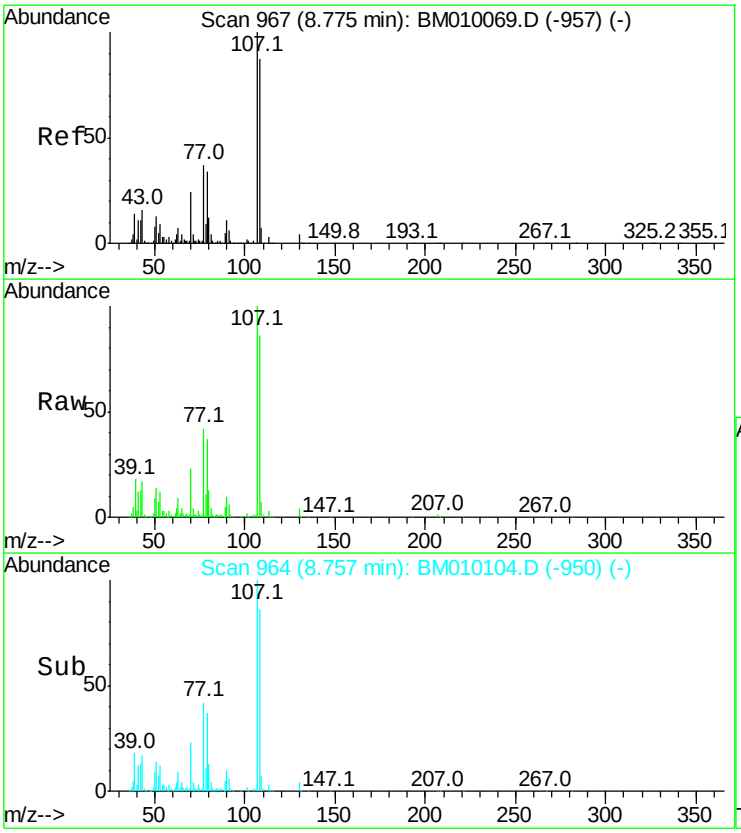

#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 70 Resp: 315695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.6 | 44.5 | 66.7 |
| 101 | 10.2 | 7.4 | 11.2 |
| 130 | 18.9 | 15.3 | 22.9 |

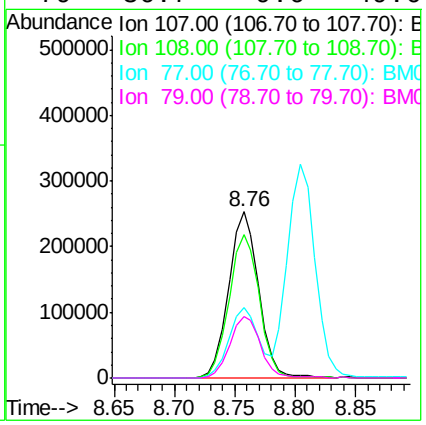


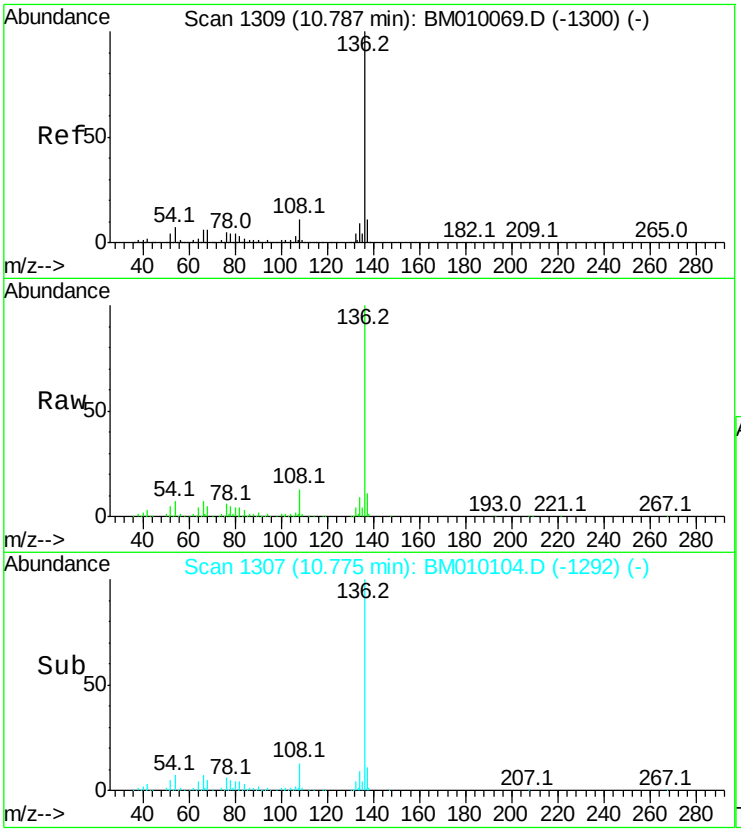




#20
3+4-Methylphenols
Concen: 36.26 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:107 Resp: 438407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.4 | 73.2 | 113.2 |
| 77 | 42.1 | 10.7 | 50.7 |
| 79 | 36.7 | 9.6 | 49.6 |



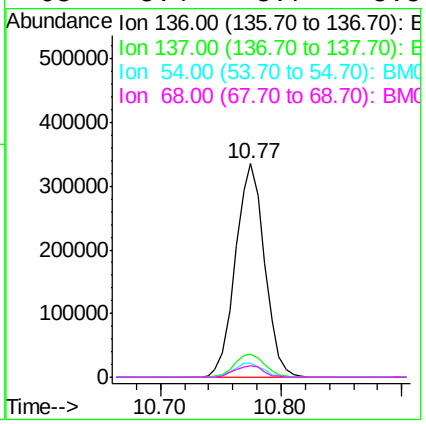


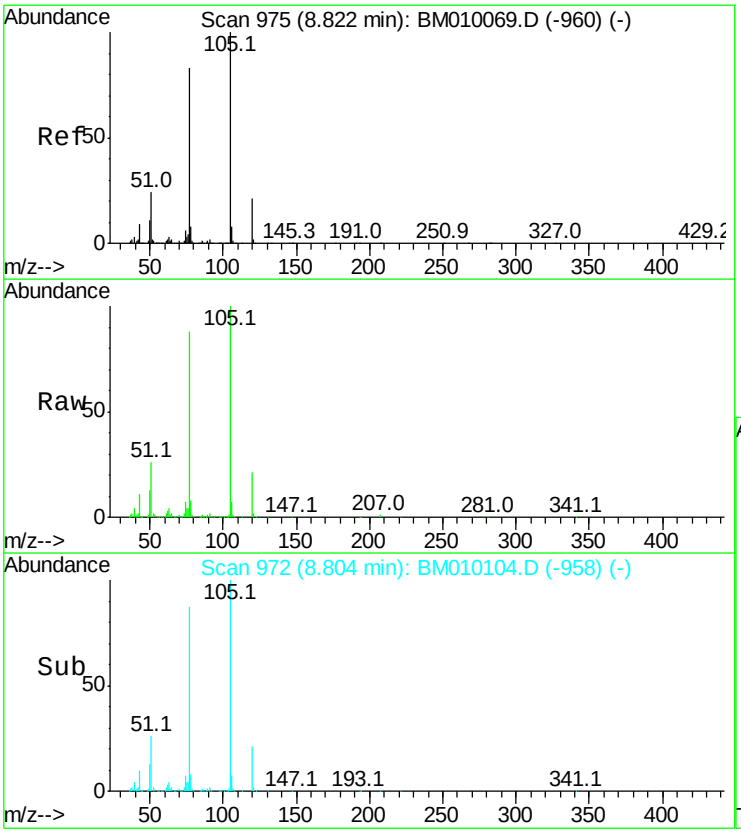

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:136 Resp: 564075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 6.6 | 4.6 | 6.8 |
| 68 | 5.4 | 3.7 | 5.5 |

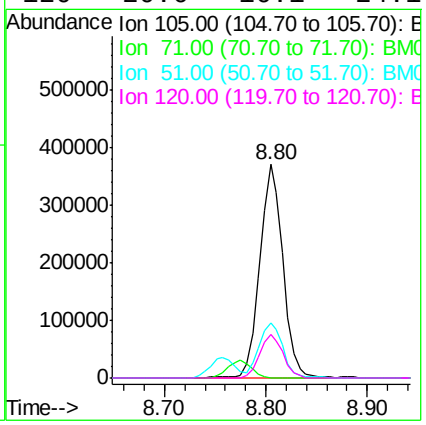


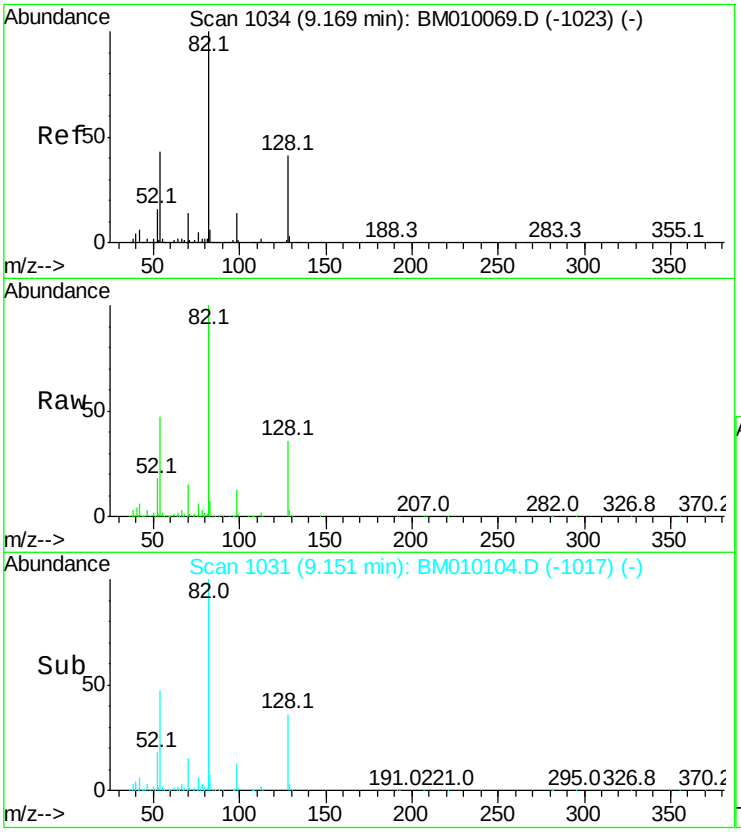




#22
Acetophenone
Concen: 40.86 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:105 Resp: 590794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.2 | 0.6 | 1.0# |
| 51 | 25.9 | 21.6 | 32.4 |
| 120 | 20.6 | 16.1 | 24.1 |



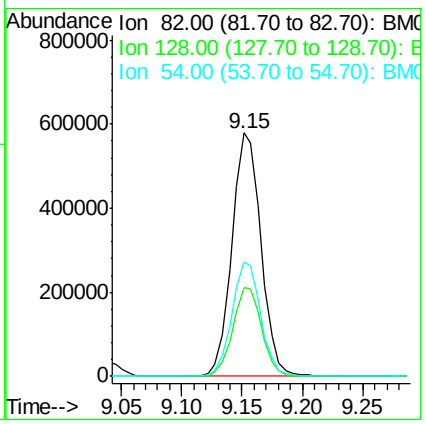


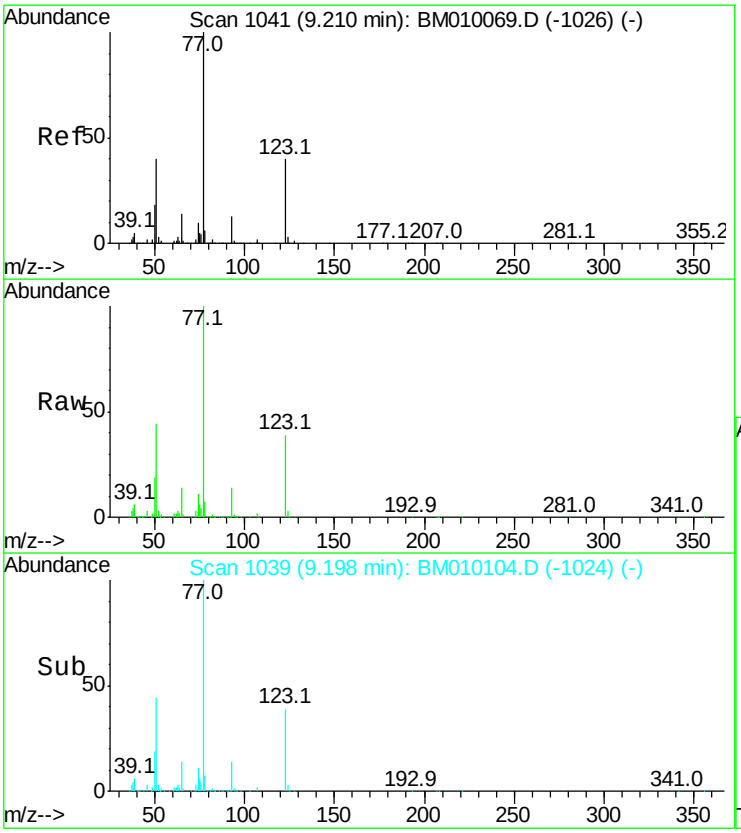

#23
Nitrobenzene-d5
Concen: 92.91 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 971443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.4 | 32.8 | 49.2 |
| 54 | 47.0 | 40.6 | 60.8 |

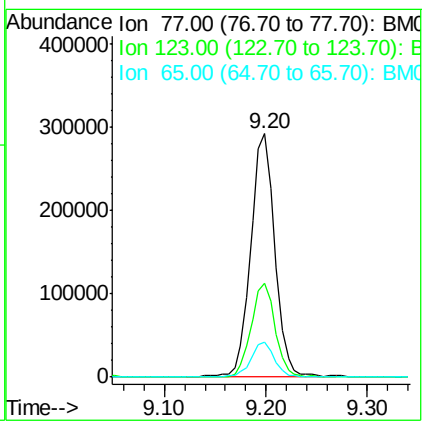


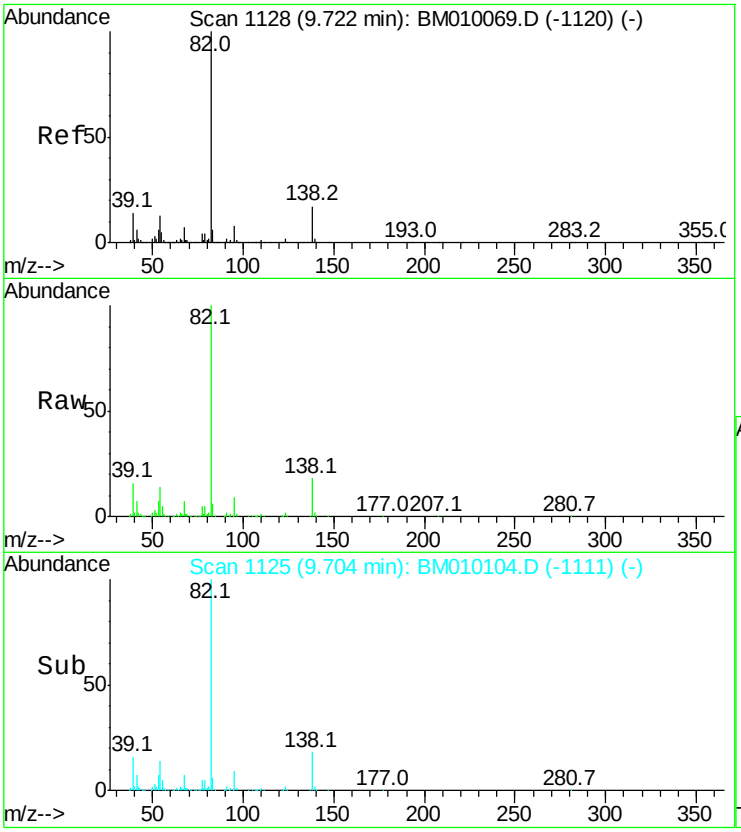




#24
Nitrobenzene
Concen: 45.00 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 77 Resp: 484680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.5 | 32.6 | 49.0 |
| 65 | 14.4 | 10.9 | 16.3 |



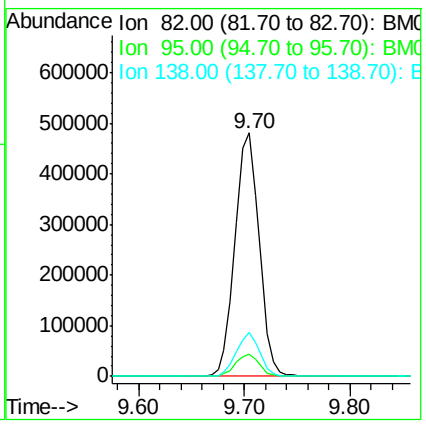


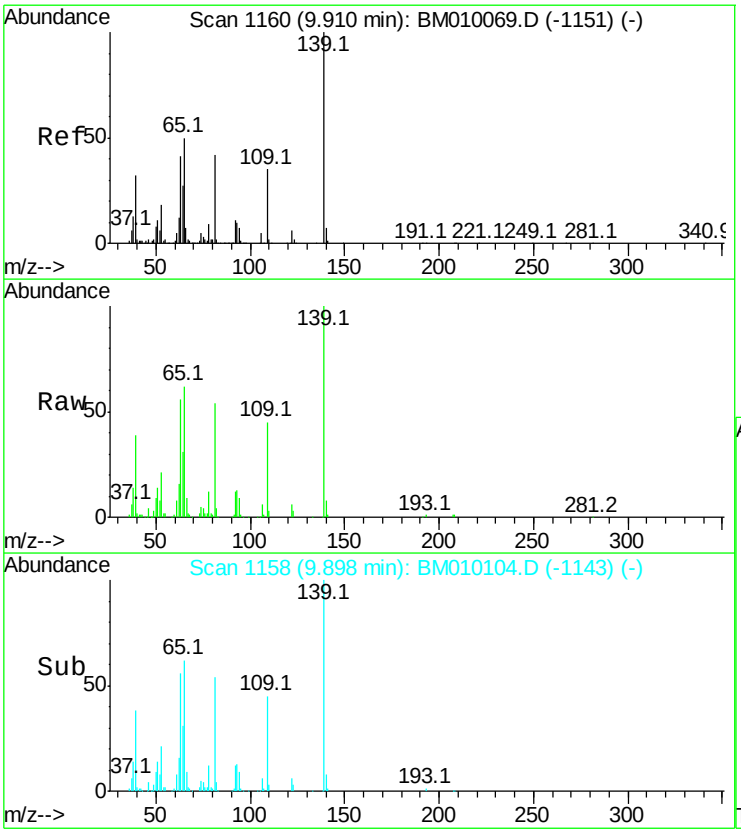

#25
Isophorone
Concen: 42.03 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 759381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.0 | 5.8 | 8.6# |
| 138 | 17.8 | 16.3 | 24.5 |

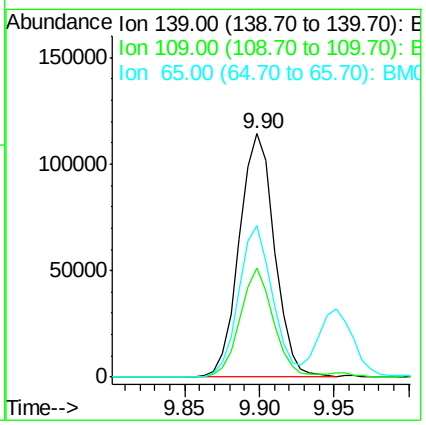


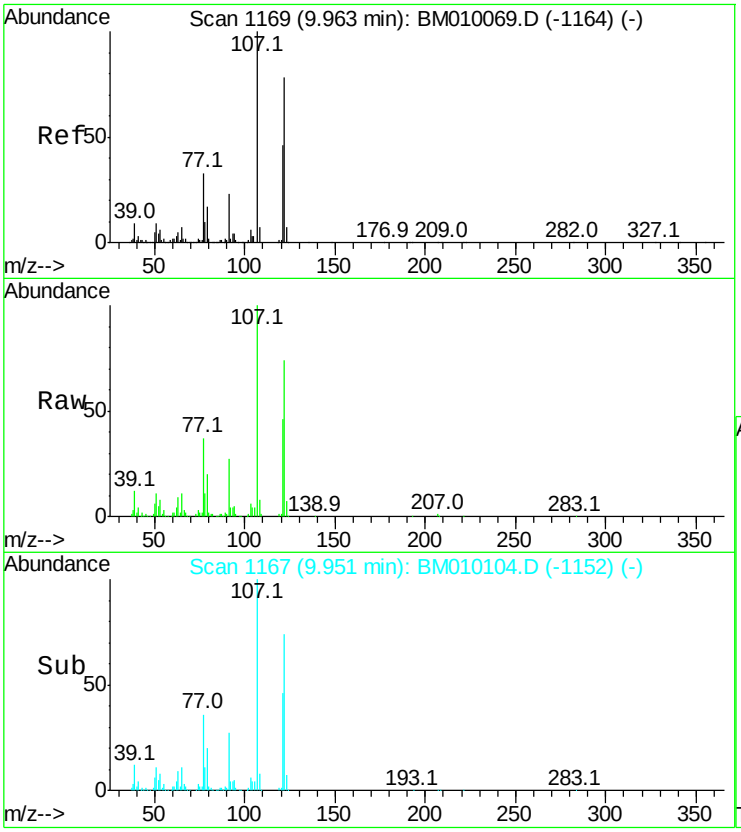




#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:139 Resp: 186699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 44.7 | 20.1 | 30.1# |
| 65 | 62.1 | 31.5 | 47.3# |



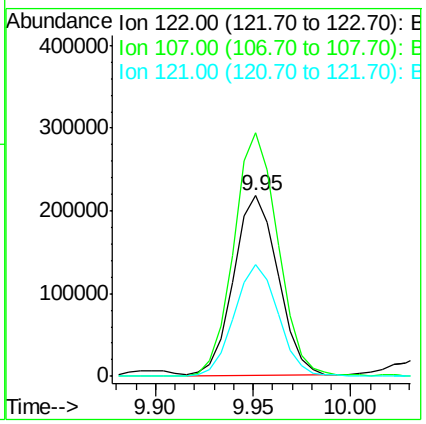


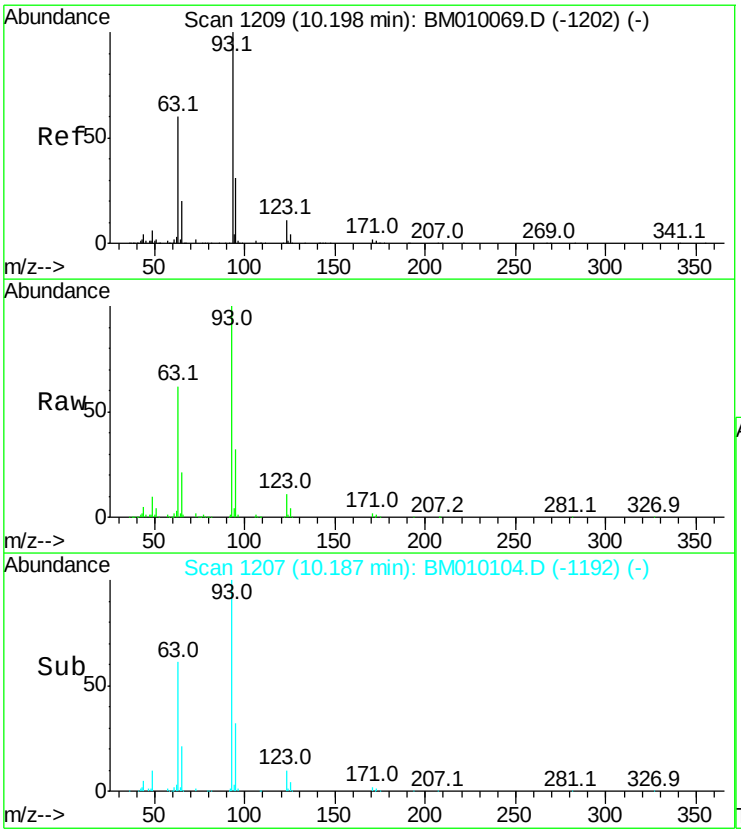

#27
2,4-Dimethylphenol
Concen: 41.81 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:122 Resp: 342783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 135.0 | 84.7 | 127.1# |
| 121 | 61.9 | 46.6 | 69.8 |

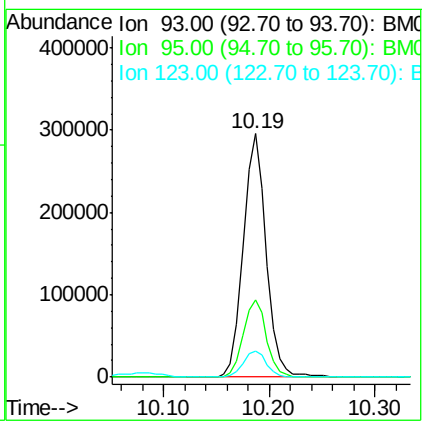


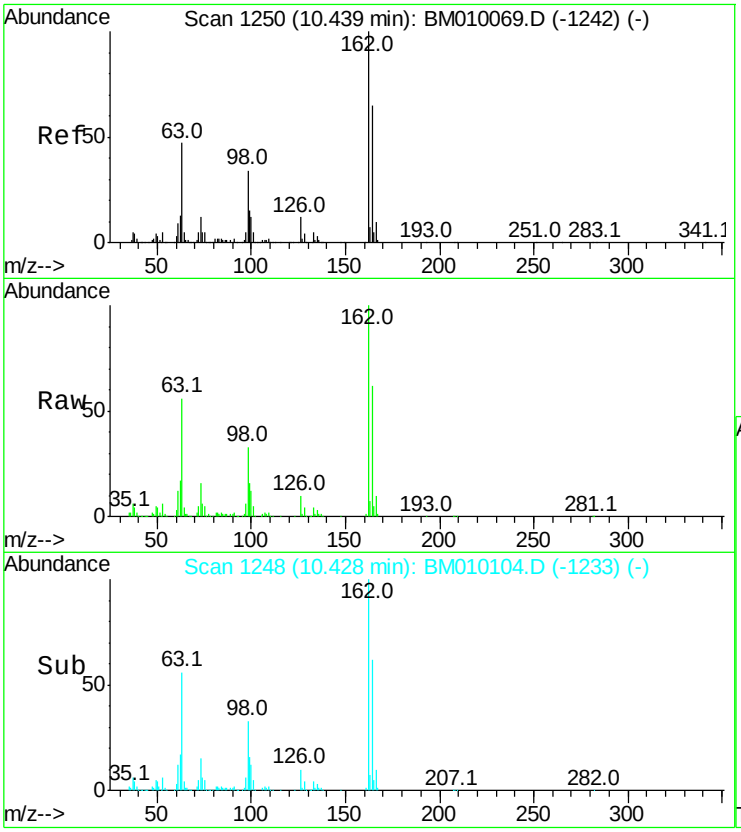




#28
bis(2-Chloroethoxy)methane
Concen: 38.74 ng
RT: 10.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 93 Resp: 444176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.5 | 25.5 | 38.3 |
| 123 | 10.6 | 8.6 | 13.0 |



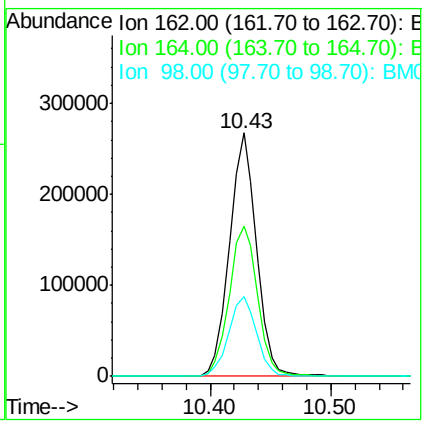


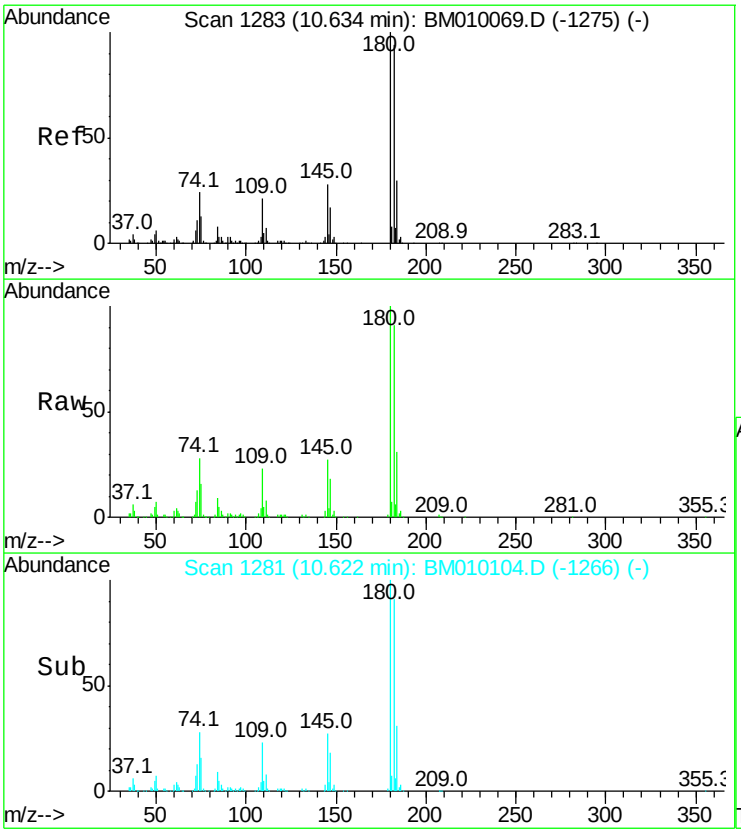

#29
2,4-Dichlorophenol
Concen: 44.18 ng
RT: 10.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:162 Resp: 417003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.8 | 42.8 | 82.8 |
| 98 | 32.8 | 14.5 | 54.5 |

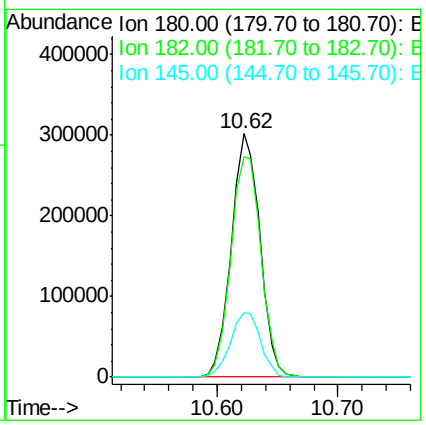


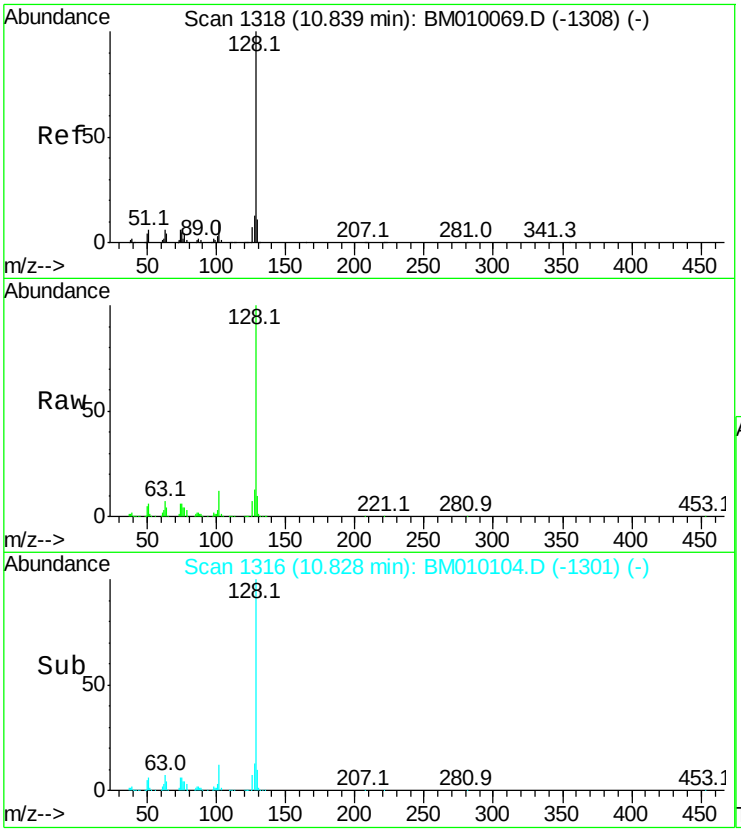




#30
1,2,4-Trichlorobenzene
Concen: 40.87 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:180 Resp: 499139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.8 | 77.6 | 116.4 |
| 145 | 26.5 | 23.4 | 35.2 |



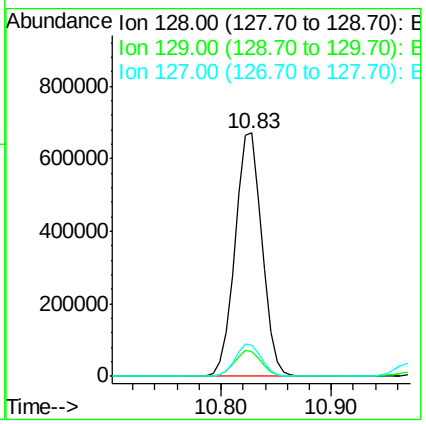


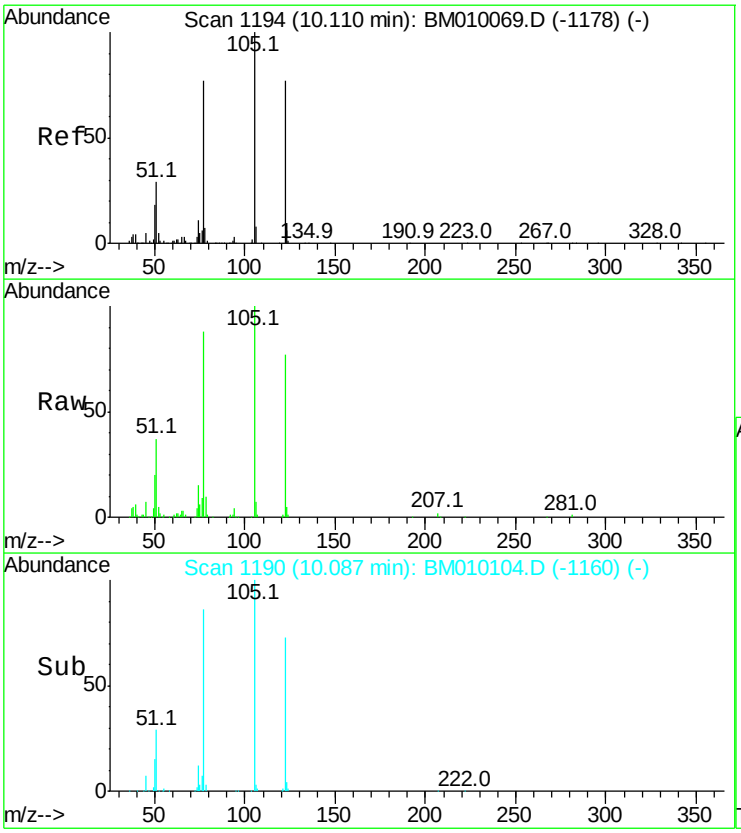

#31
Naphthalene
Concen: 38.13 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:128 Resp: 1150591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.4 | 8.9 | 13.3 |
| 127 | 12.8 | 10.4 | 15.6 |

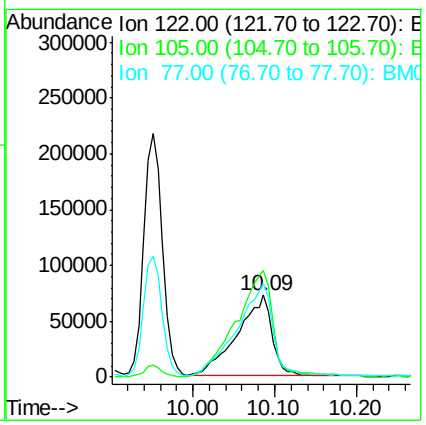


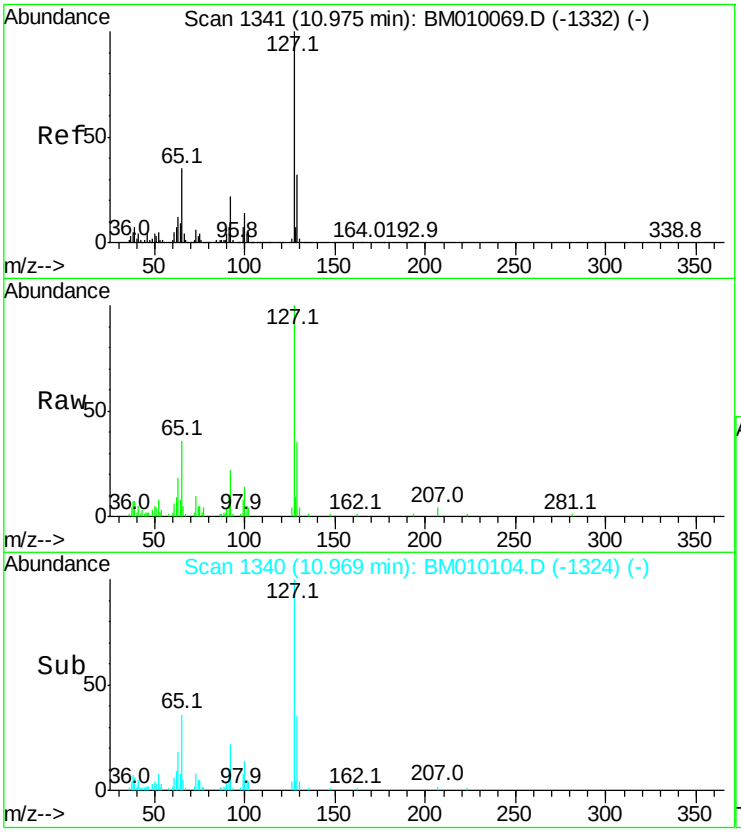




#32
Benzoic acid
Concen: 38.36 ng
RT: 10.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:122 Resp: 214290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.4 | 99.9 | 139.9 |
| 77 | 114.1 | 73.7 | 113.7# |



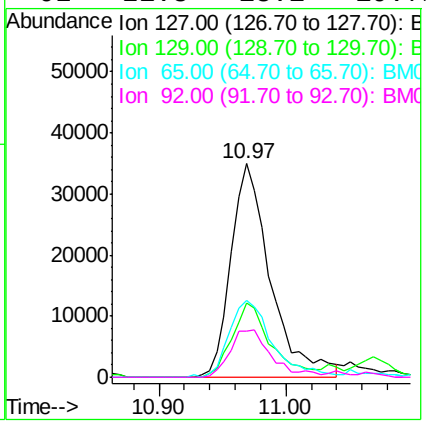


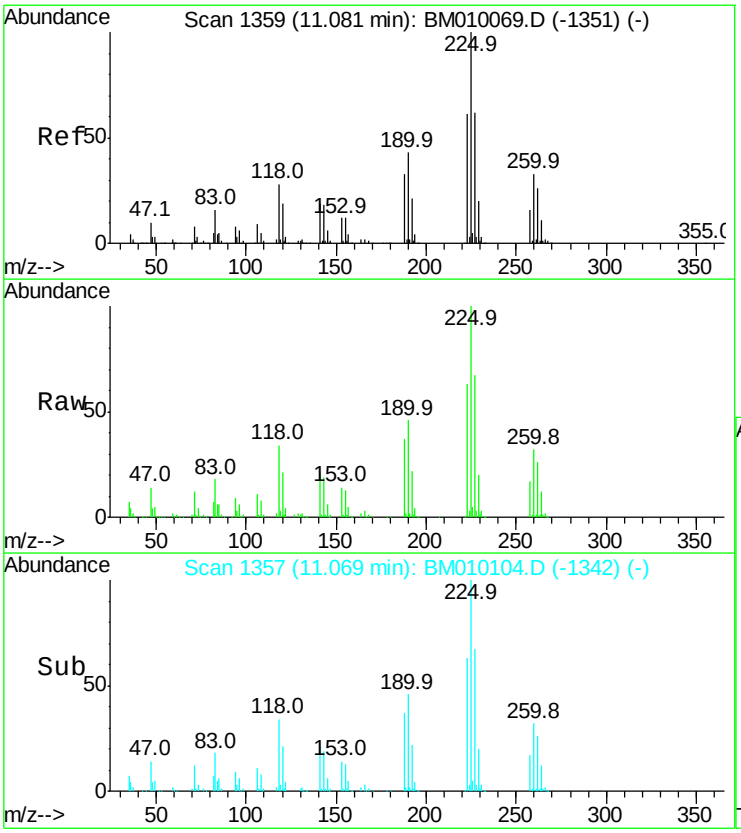

#33
4-Chloroaniline
Concen: 6.51 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:127 Resp: 75720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 35.0 | 25.3 | 37.9 |
| 65 | 35.9 | 17.6 | 26.4# |
| 92 | 21.8 | 13.1 | 19.7# |

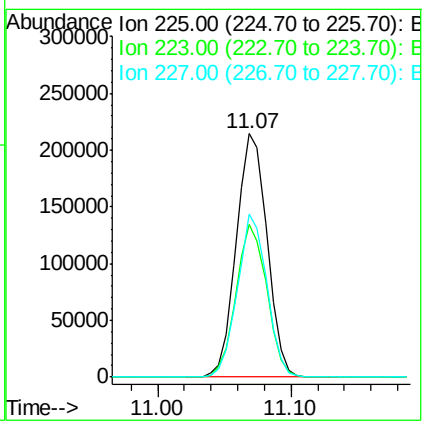


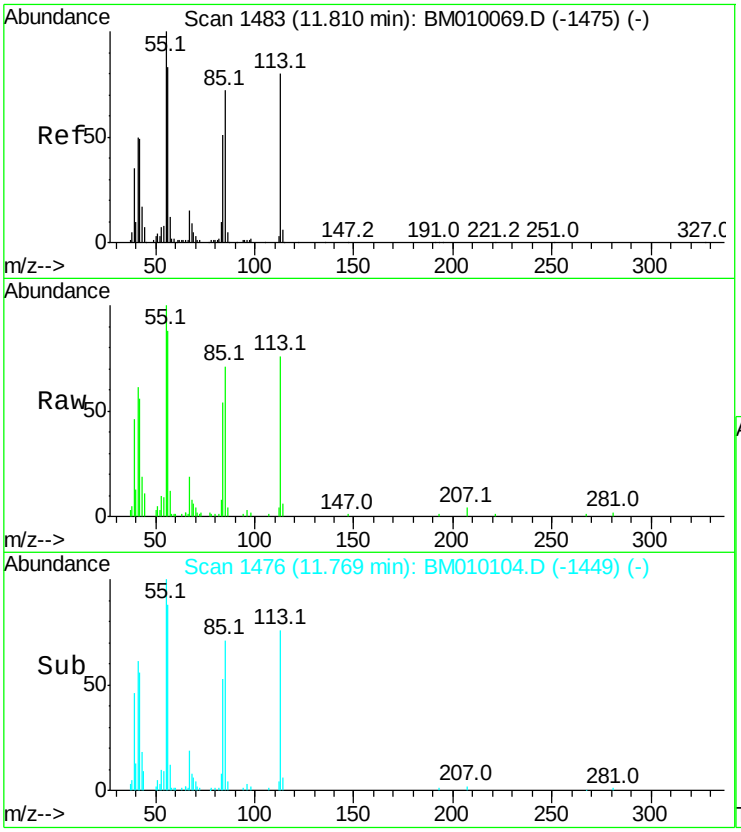




#34
Hexachlorobutadiene
Concen: 41.96 ng
RT: 11.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:225 Resp: 341774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 47.9 | 71.9 |
| 227 | 66.9 | 50.1 | 75.1 |



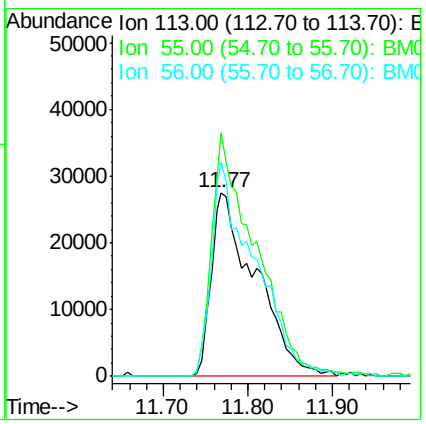


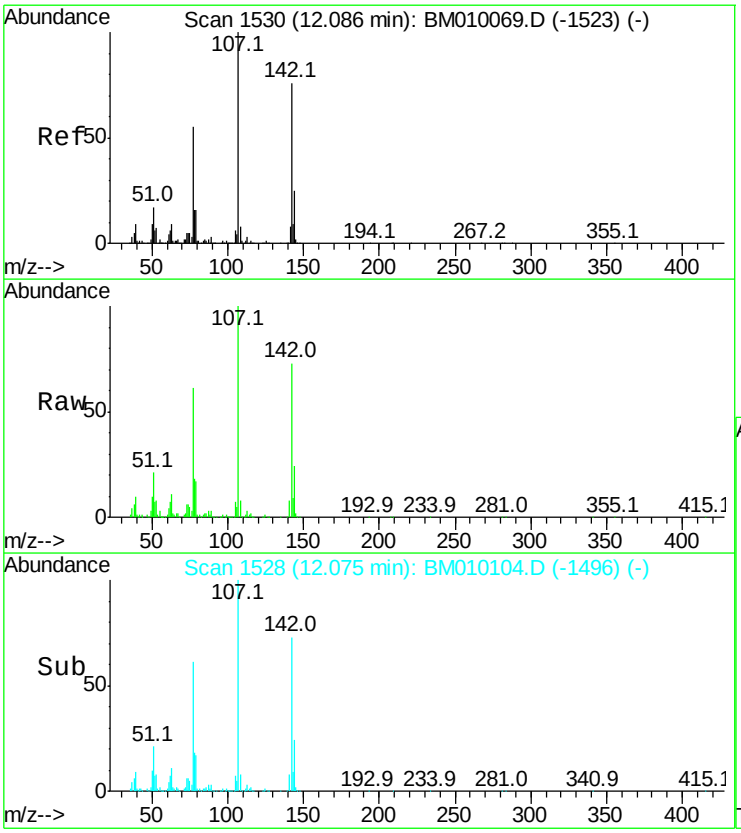

#35
Caprolactam
Concen: 37.10 ng
RT: 11.77 min Scan# 1476
Delta R.T. -0.04 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:113 Resp: 100464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 132.4 | 145.9 | 185.9# |
| 56 | 116.2 | 101.0 | 141.0 |

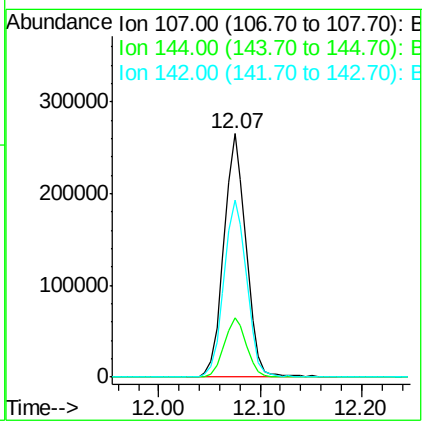


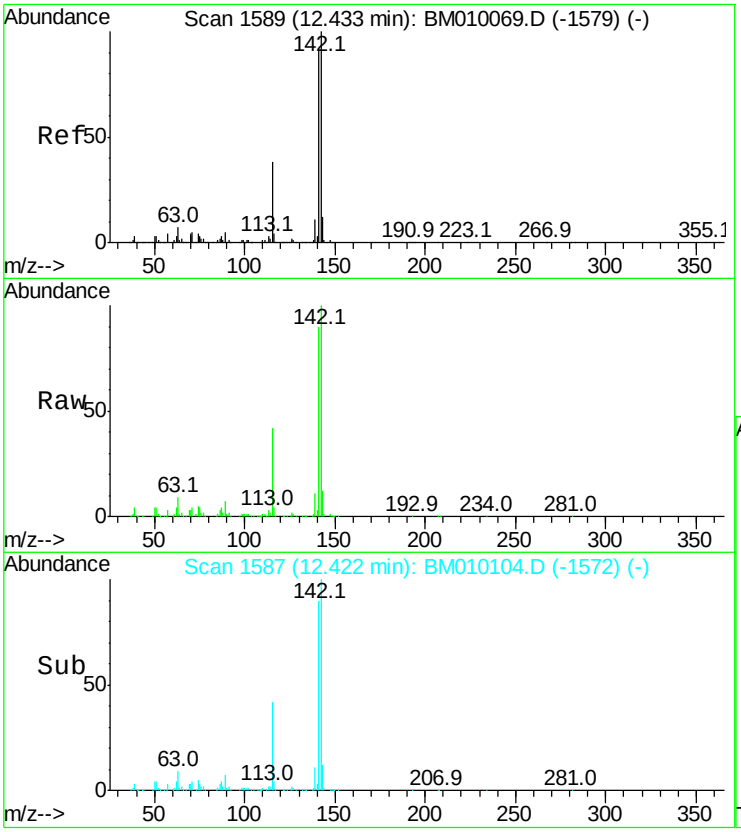




#36
4-Chloro-3-methylphenol
Concen: 39.57 ng
RT: 12.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:107 Resp: 404465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.1 | 23.3 | 34.9 |
| 142 | 73.0 | 72.6 | 109.0 |



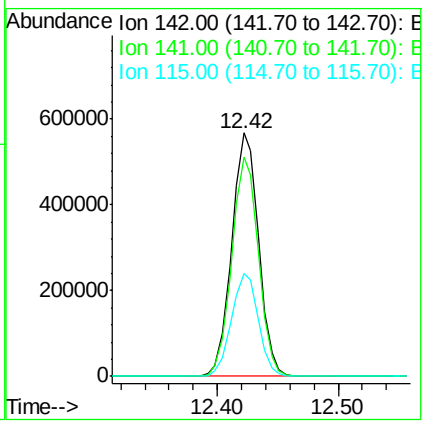


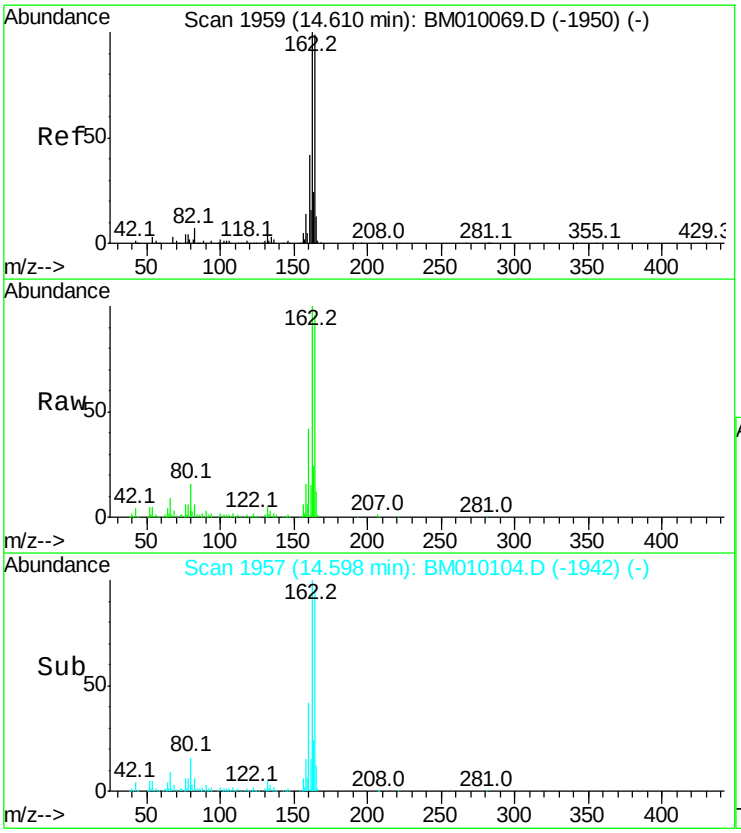

#37
2-Methylnaphthalene
Concen: 40.50 ng
RT: 12.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:142 Resp: 879853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 71.9 | 107.9 |
| 115 | 42.0 | 25.4 | 38.0# |

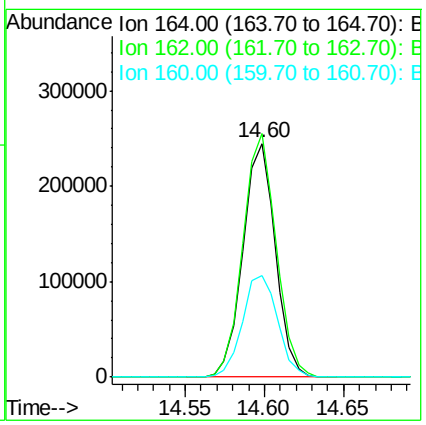


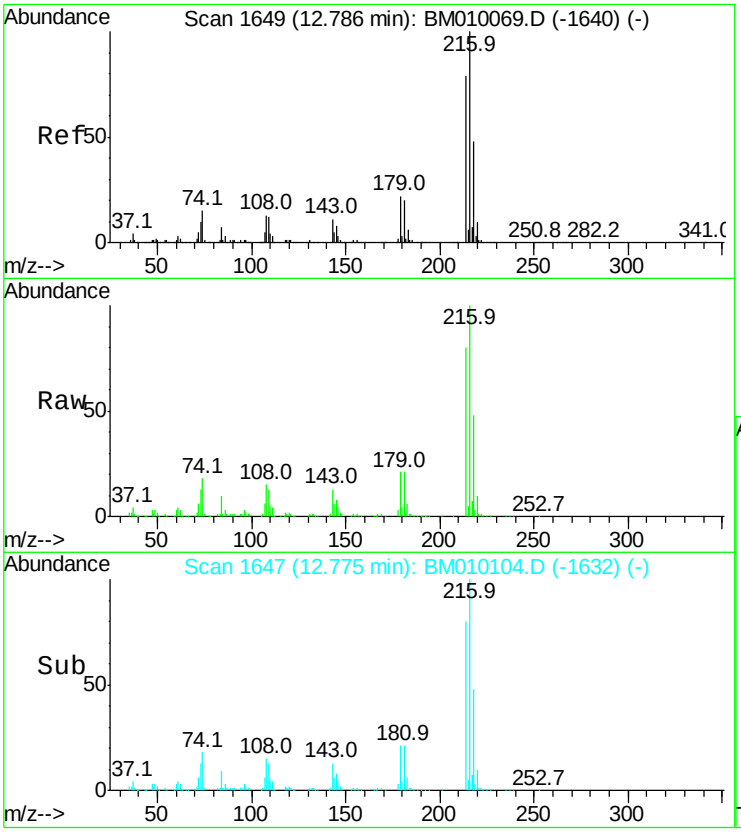




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:164 Resp: 347920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.2 | 82.4 | 123.6 |
| 160 | 43.4 | 35.8 | 53.6 |



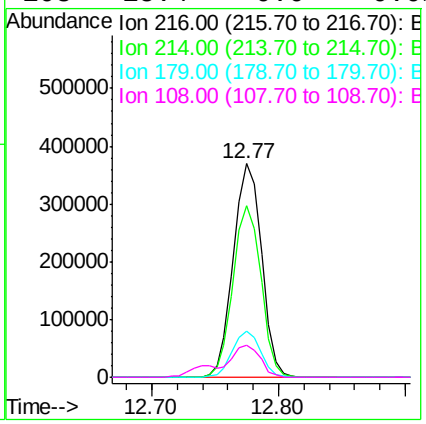


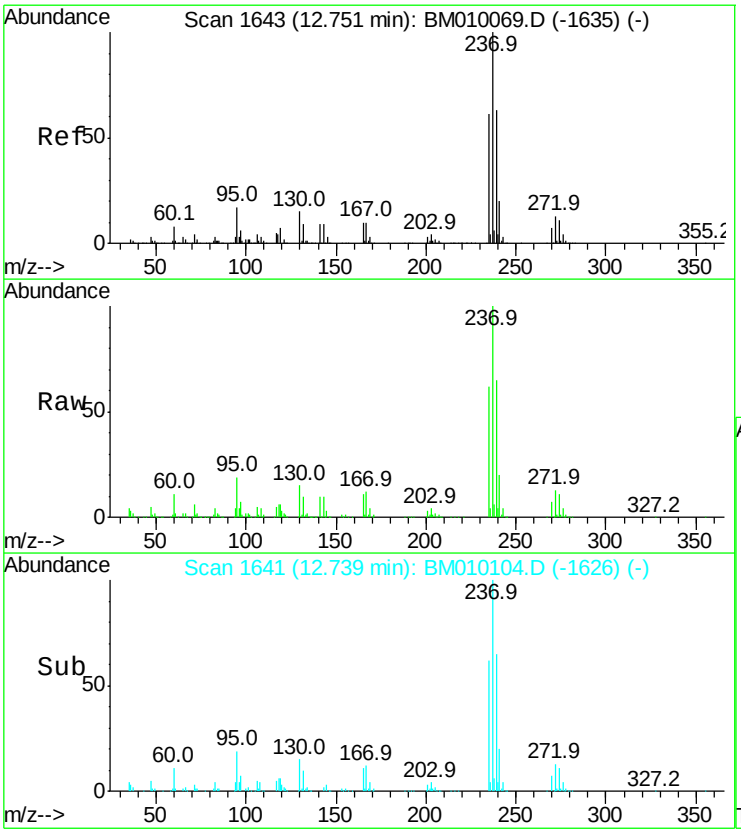

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.69 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:216 Resp: 571156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 0.0 | 0.0# |
| 179 | 21.3 | 0.0 | 0.0# |
| 108 | 15.4 | 0.0 | 0.0# |

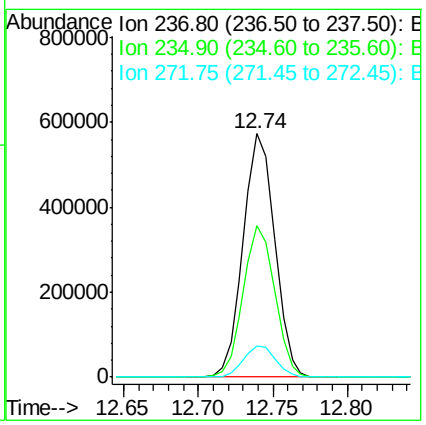


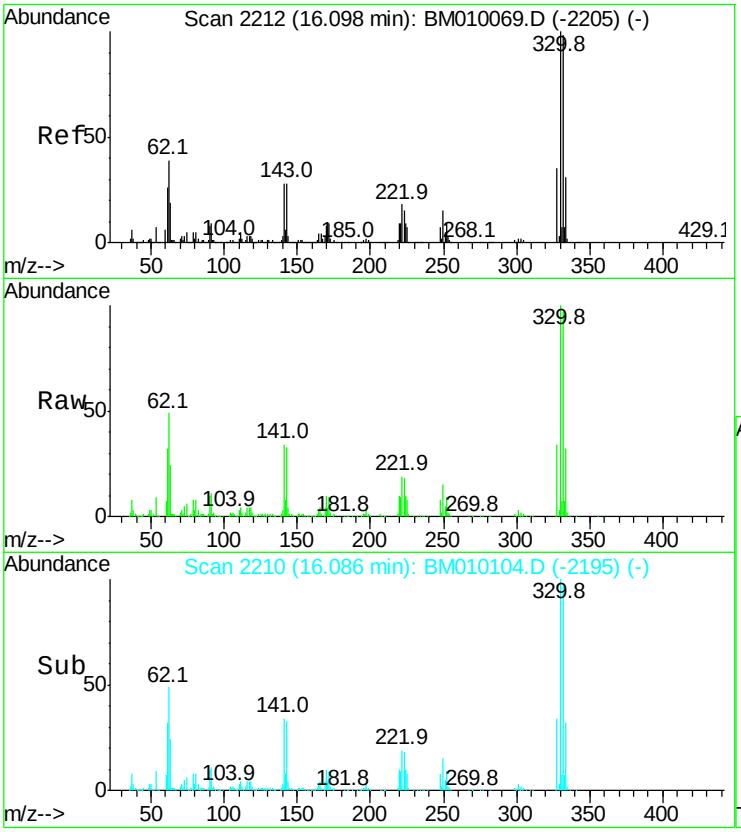




#40
Hexachlorocyclopentadiene
Concen: 108.69 ng
RT: 12.74 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:237 Resp: 839593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.3 | 42.0 | 82.0 |
| 272 | 13.0 | 0.0 | 33.4 |



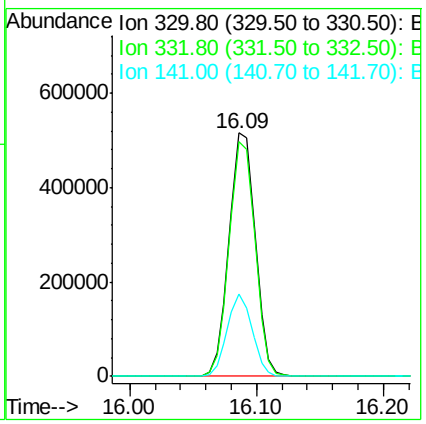


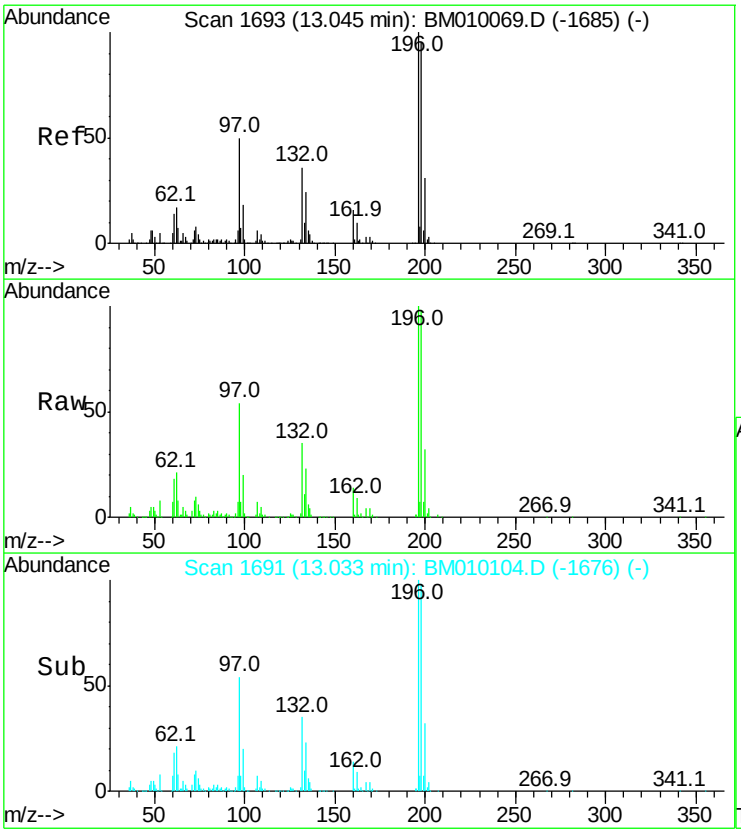

#41
2,4,6-Tribromophenol
Concen: 139.78 ng
RT: 16.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:330 Resp: 738625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 0.0 | 0.0# |
| 141 | 32.3 | 0.0 | 0.0# |

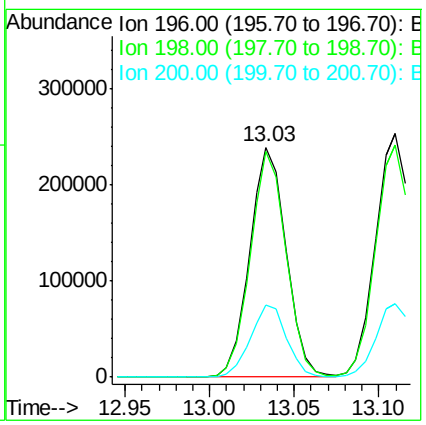


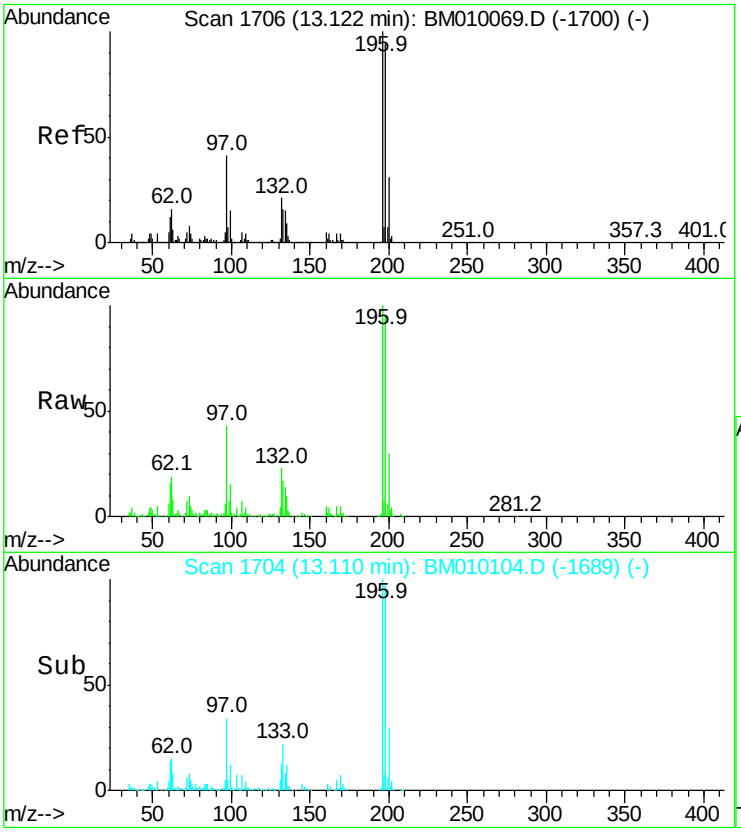




#42
2,4,6-Trichlorophenol
Concen: 45.57 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:196 Resp: 359123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.1 | 76.3 | 114.5 |
| 200 | 31.6 | 25.6 | 38.4 |



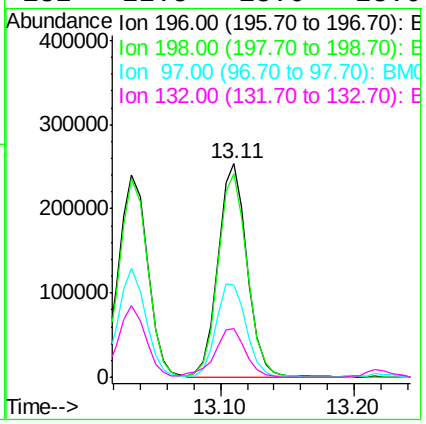


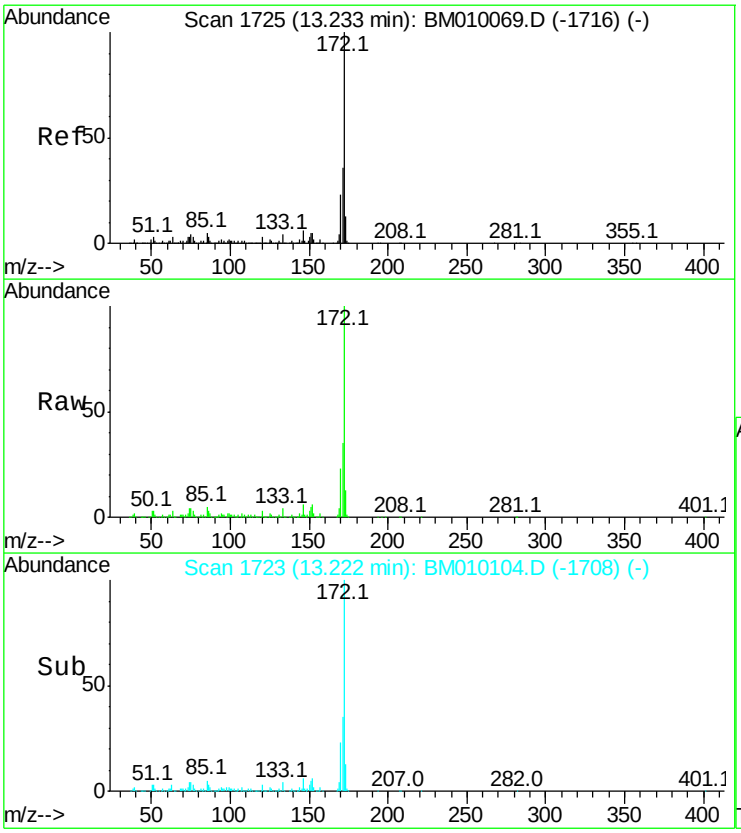

#43
2,4,5-Trichlorophenol
Concen: 44.19 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:196 Resp: 384802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 79.4 | 119.0 |
| 97 | 43.2 | 26.8 | 40.2# |
| 132 | 22.5 | 18.6 | 28.0 |

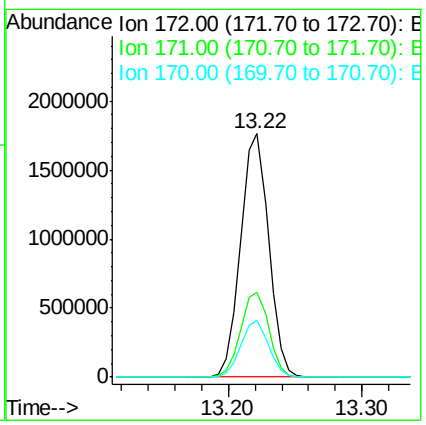


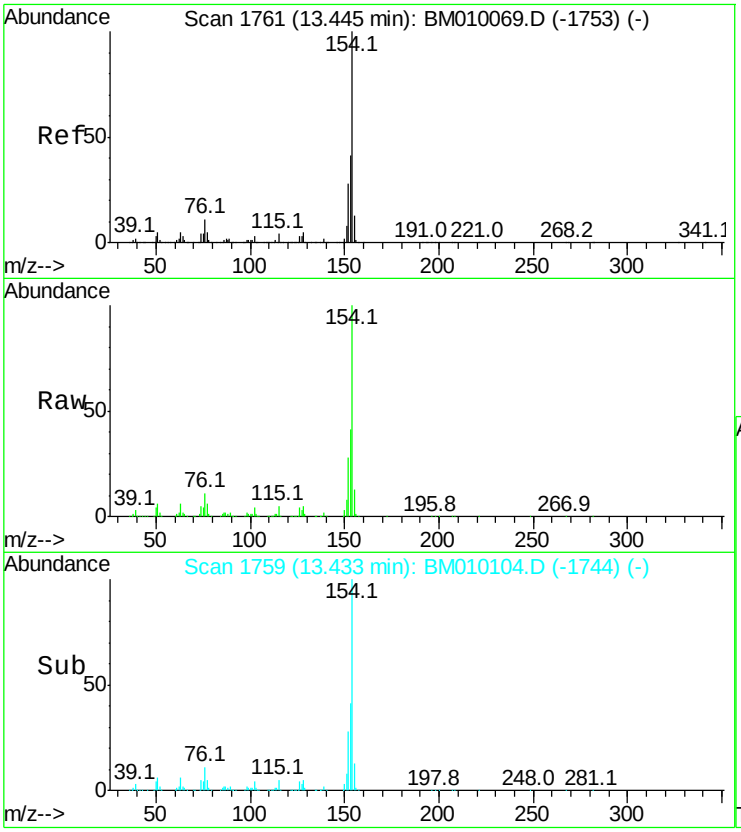




#44
2-Fluorobiphenyl
Concen: 94.27 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:172 Resp: 2551155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.5 | 42.7 |
| 170 | 23.2 | 18.8 | 28.2 |



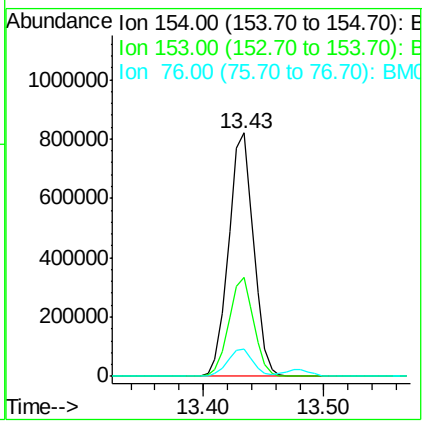


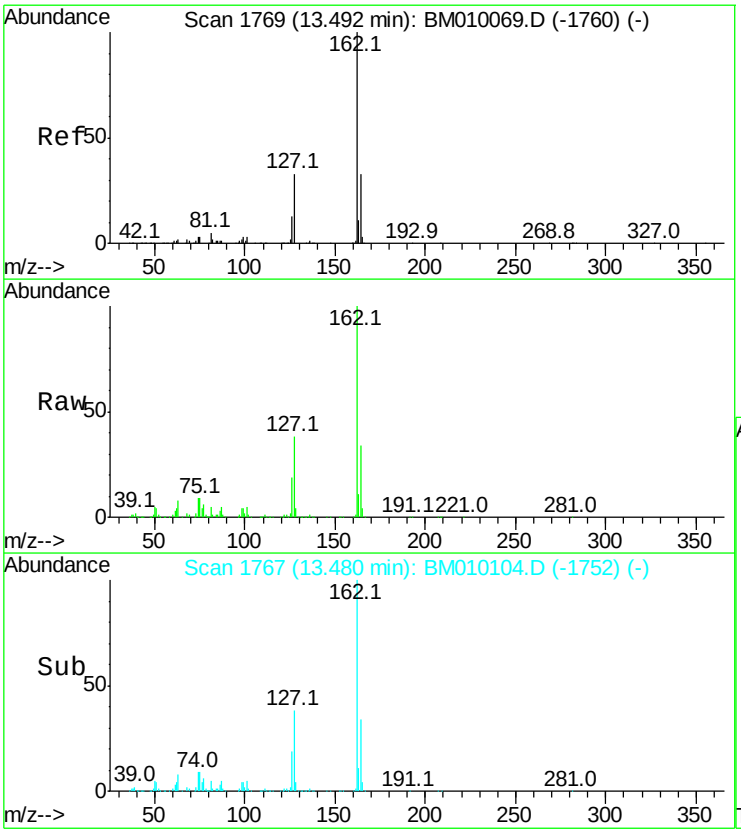

#45
1,1'-Biphenyl
Concen: 41.32 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:154 Resp: 1182284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.7 | 60.7 |
| 76 | 11.4 | 0.0 | 30.9 |

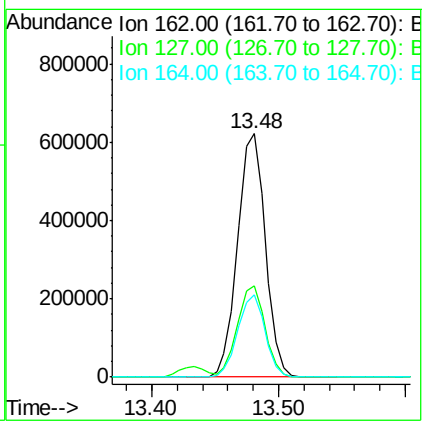


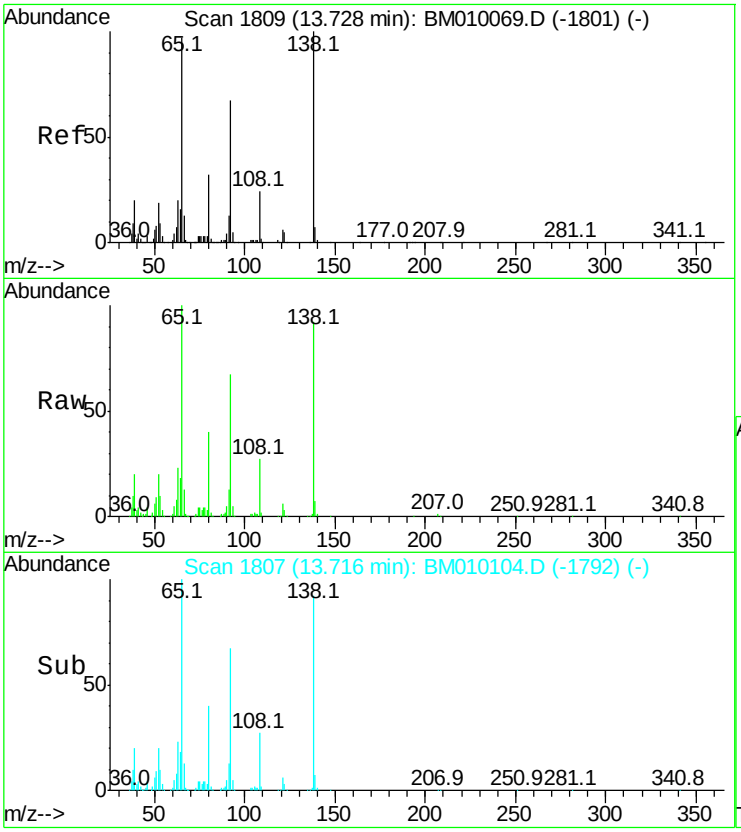




#46
2-Chloronaphthalene
Concen: 40.76 ng
RT: 13.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:162 Resp: 944230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.7 | 26.9 | 40.3 |
| 164 | 33.7 | 26.8 | 40.2 |



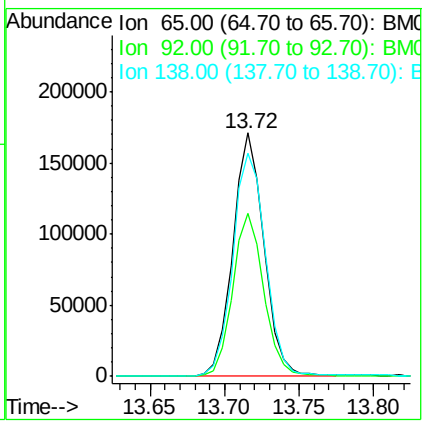


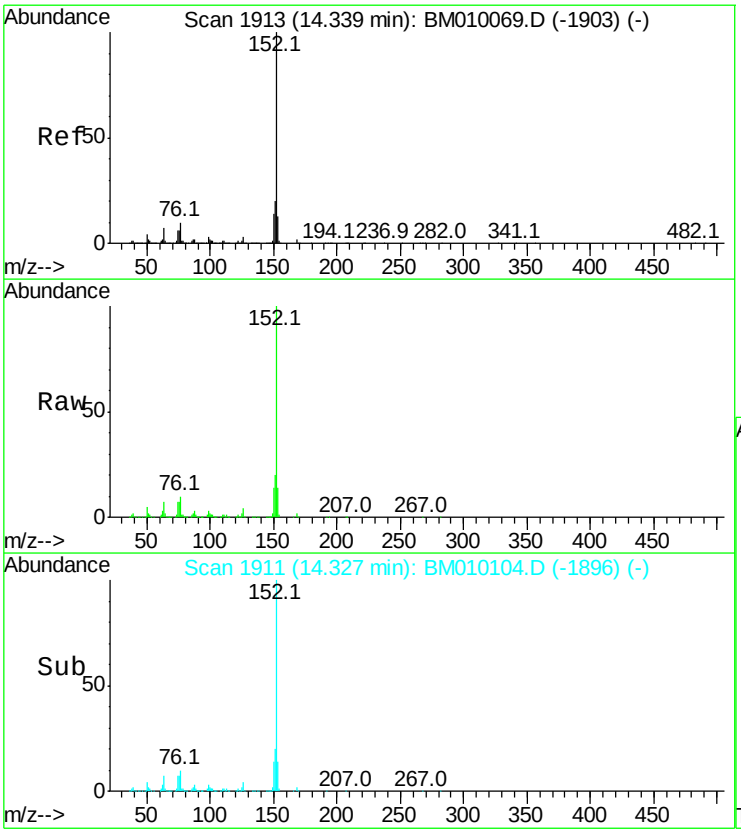

#47
2-Nitroaniline
Concen: 41.75 ng
RT: 13.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 65 Resp: 248677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.8 | 59.1 | 88.7 |
| 138 | 91.6 | 93.9 | 140.9# |

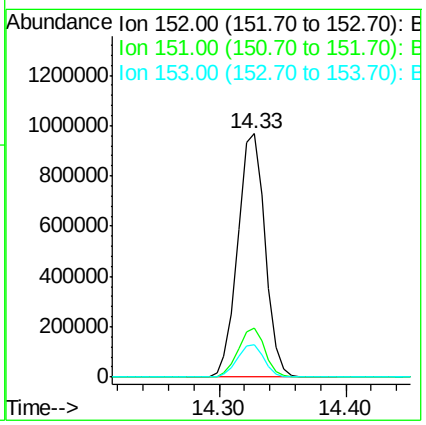


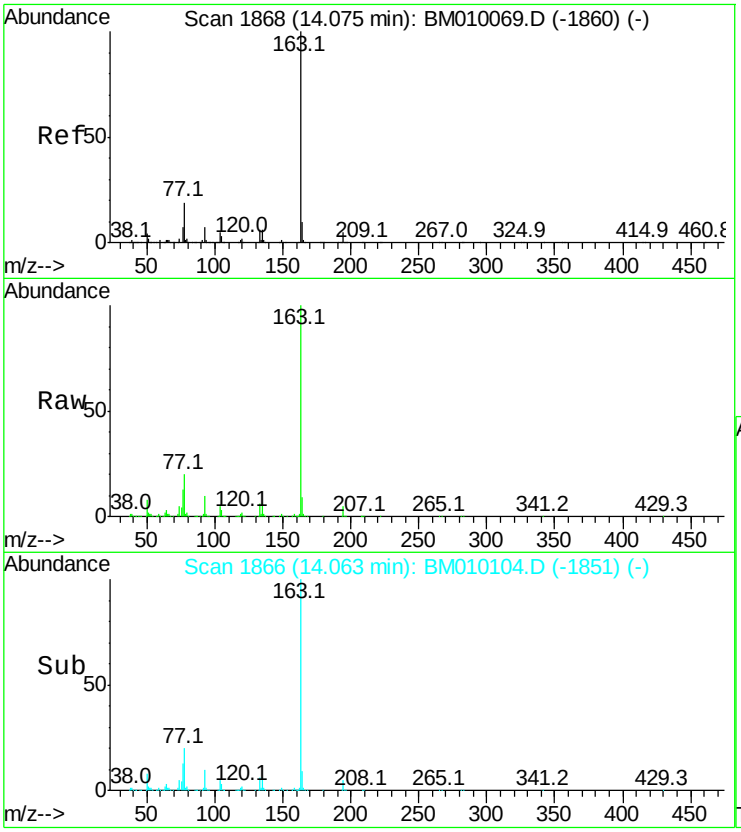




#48
Acenaphthylene
Concen: 42.08 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:152 Resp: 1441324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.9 | 23.9 |
| 153 | 13.5 | 10.6 | 16.0 |



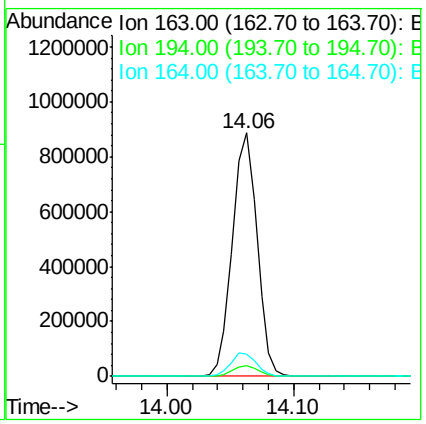


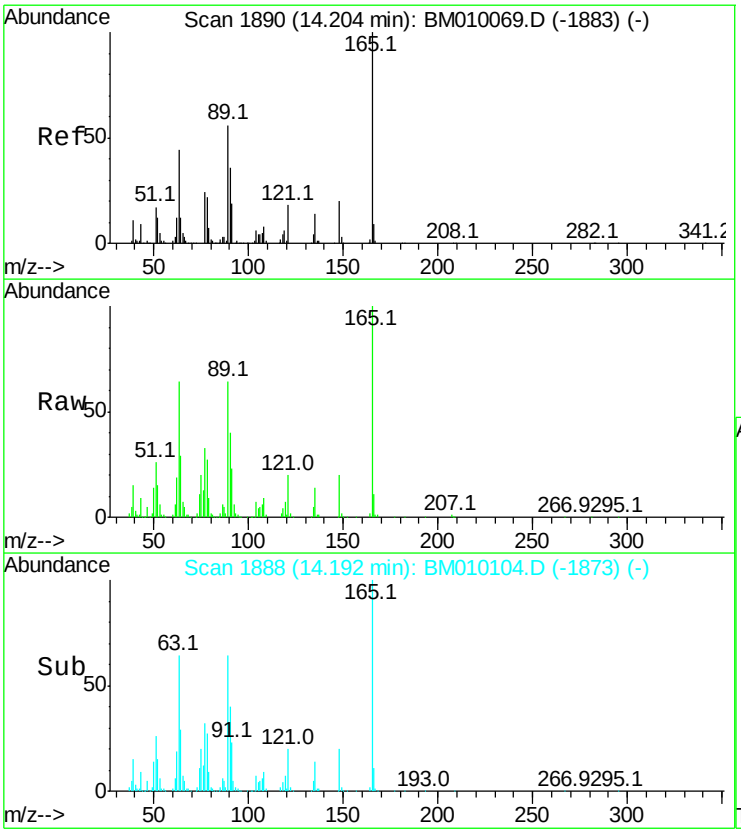

#49
Dimethylphthalate
Concen: 38.53 ng
RT: 14.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:163 Resp: 1195716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 2.7 | 4.1# |
| 164 | 9.3 | 8.2 | 12.2 |

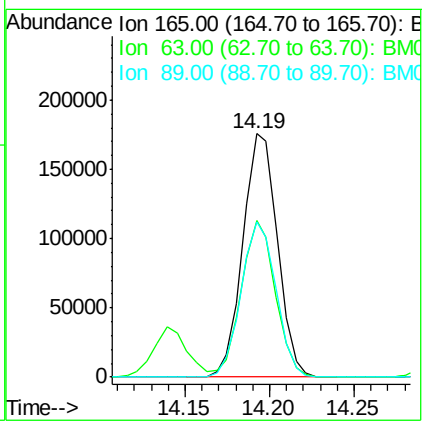


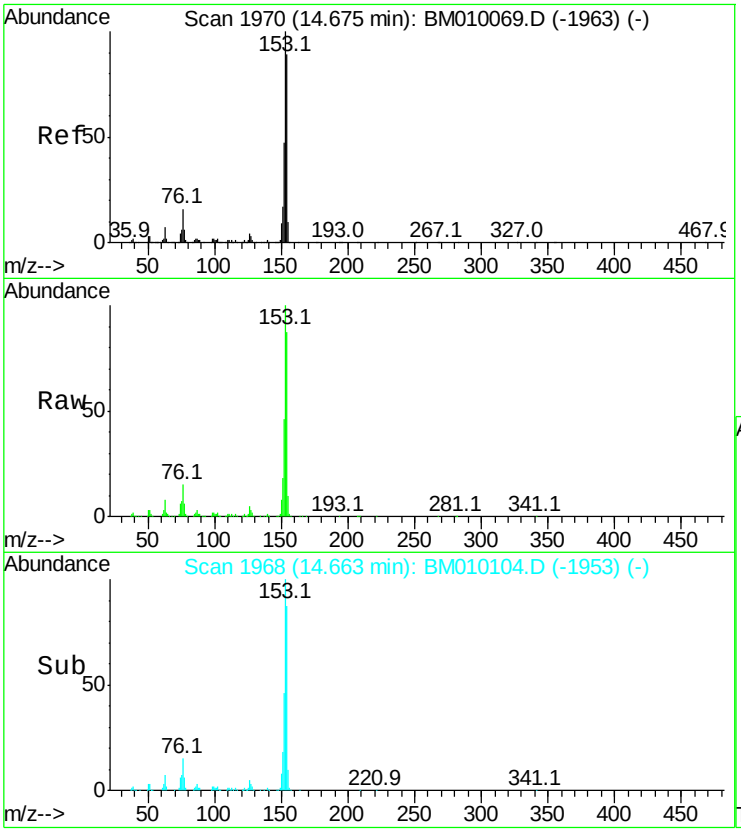




#50
2,6-Dinitrotoluene
Concen: 42.53 ng
RT: 14.19 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:165 Resp: 250628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.4 | 44.1 | 66.1 |
| 89 | 63.8 | 44.3 | 66.5 |



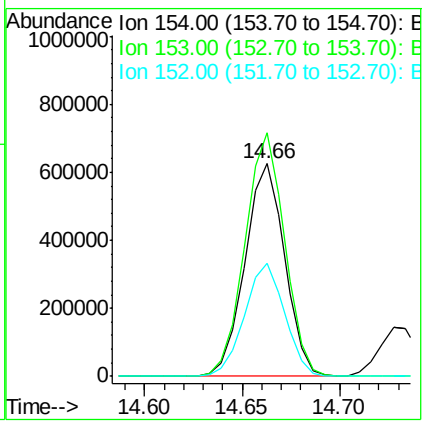


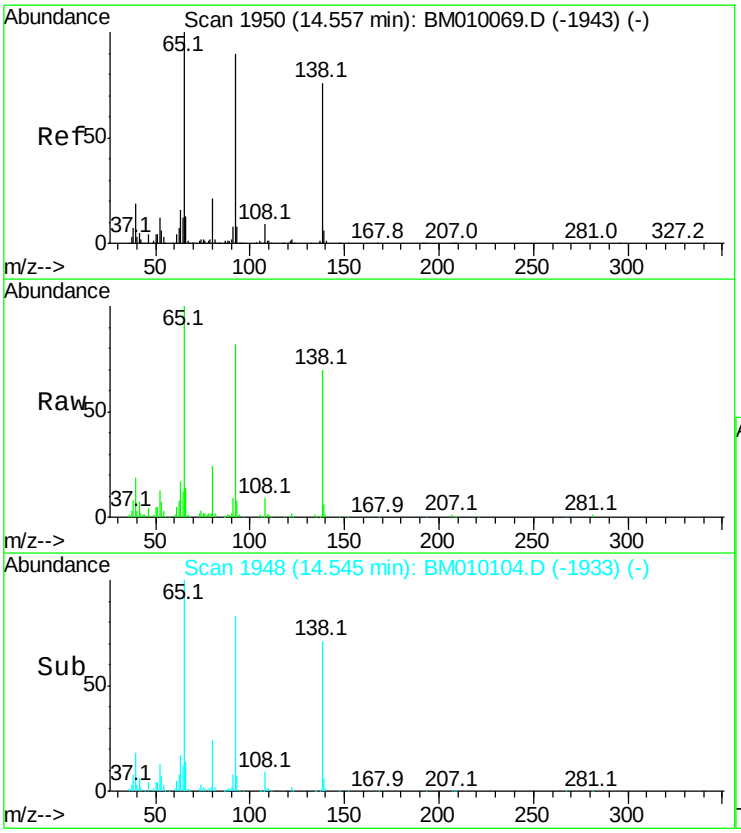

#51
Acenaphthene
Concen: 41.39 ng
RT: 14.66 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:154 Resp: 881406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.7 | 90.0 | 135.0 |
| 152 | 53.0 | 42.6 | 63.8 |

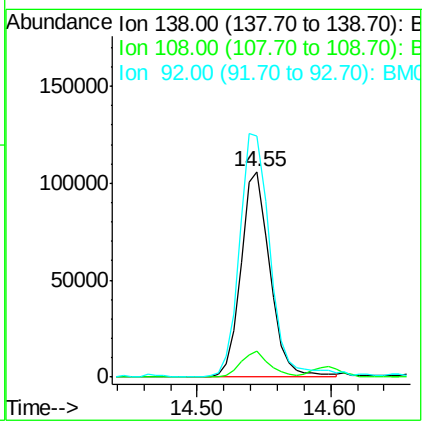


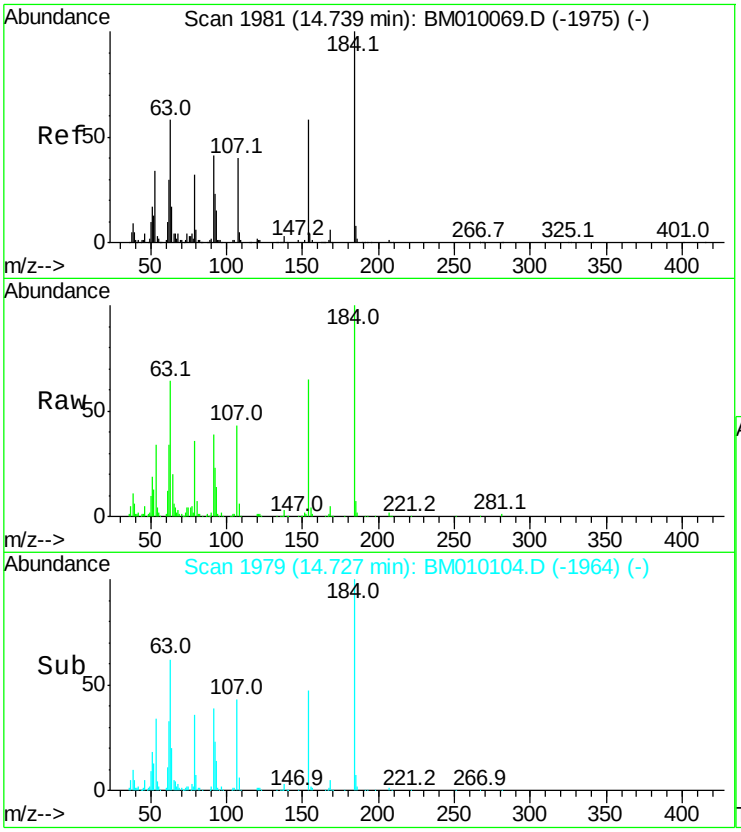




#52
3-Nitroaniline
Concen: 28.90 ng
RT: 14.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:138 Resp: 158300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.6 | 7.3 | 10.9# |
| 92 | 117.0 | 76.6 | 114.8# |



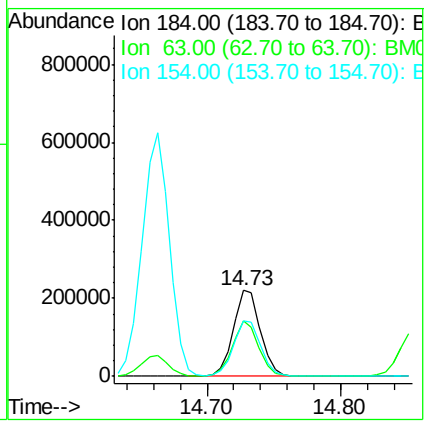


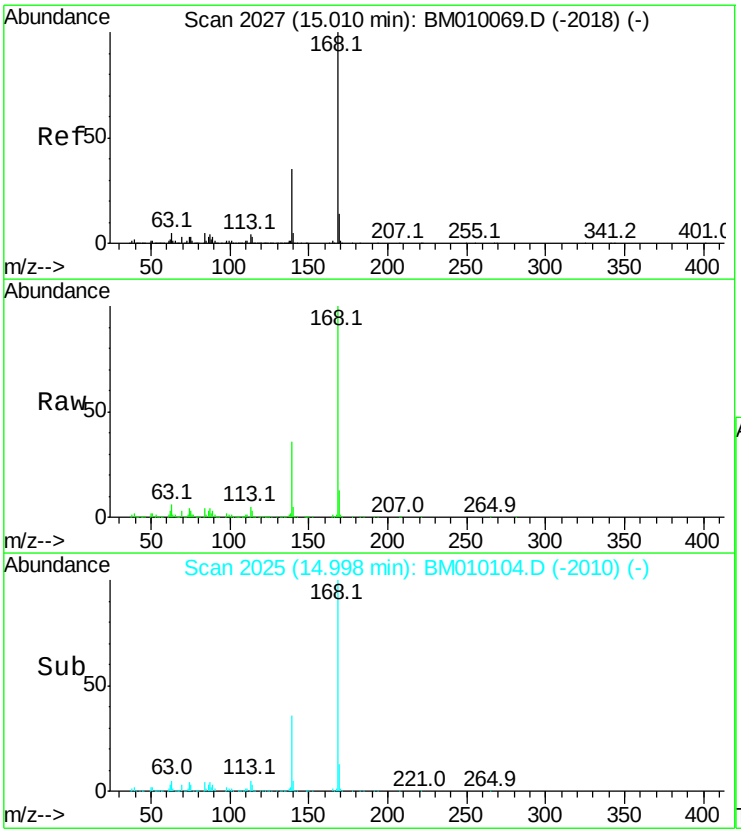

#53
2,4-Dinitrophenol
Concen: 79.78 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:184 Resp: 312303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.2 | 69.2 | 103.8# |
| 154 | 65.4 | 53.3 | 79.9 |

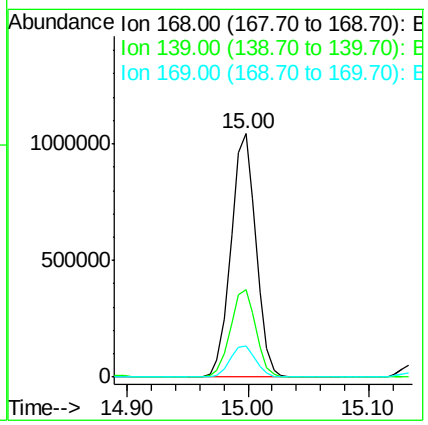


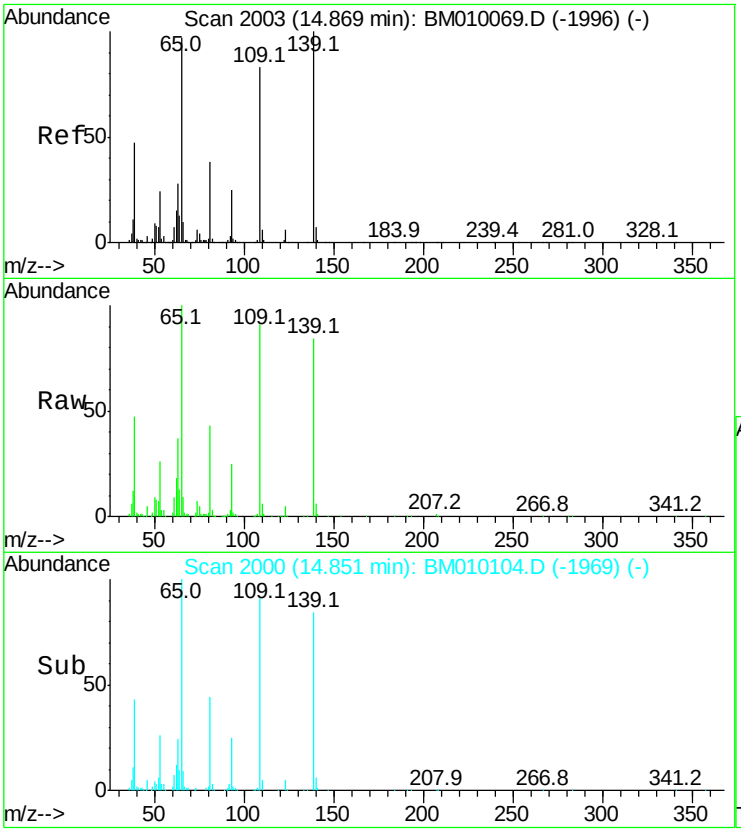




#54
Dibenzofuran
Concen: 44.80 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:168 Resp: 1500040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.0 | 27.3 | 40.9 |
| 169 | 12.9 | 10.6 | 16.0 |



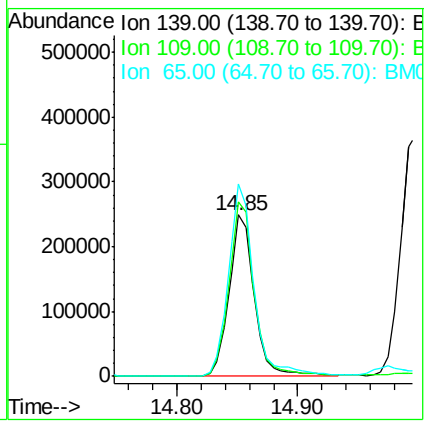


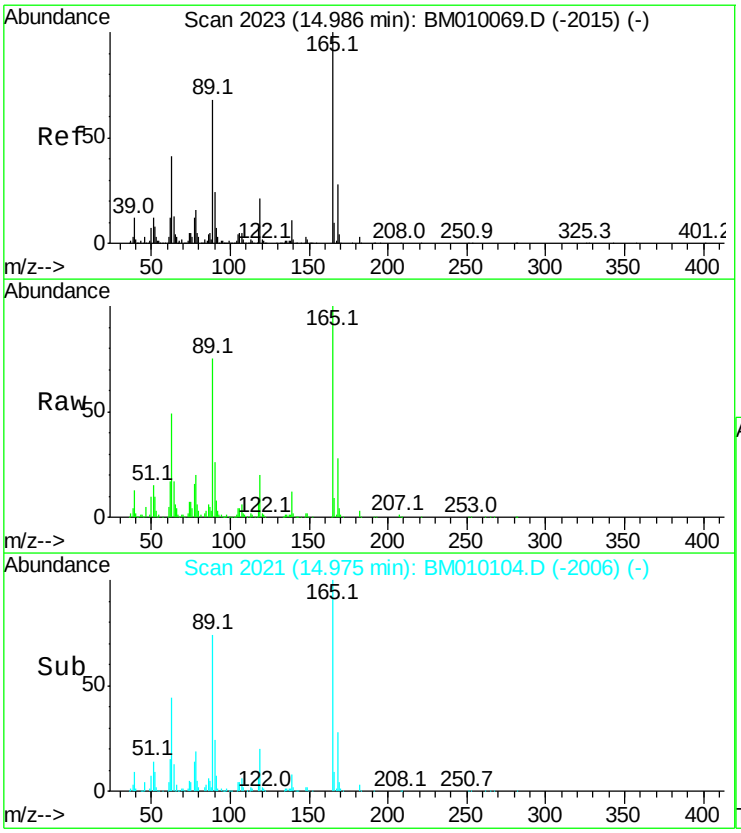

#55
4-Nitrophenol
Concen: 82.21 ng
RT: 14.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:139 Resp: 362374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 108.1 | 37.7 | 77.7# |
| 65 | 119.2 | 49.9 | 89.9# |

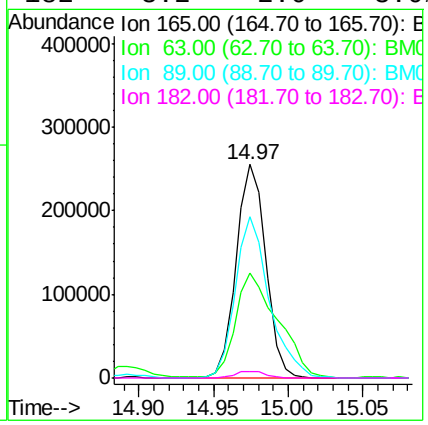


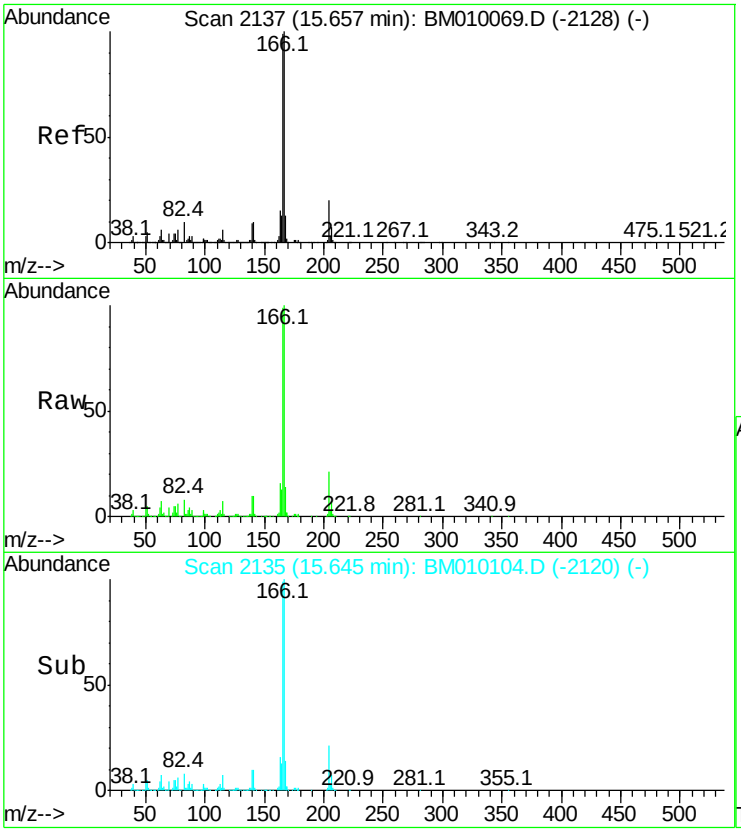




#56
2,4-Dinitrotoluene
Concen: 42.17 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:165 Resp: 351611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.3 | 52.4 | 78.6# |
| 89 | 75.3 | 72.4 | 108.6 |
| 182 | 3.2 | 2.0 | 3.0# |



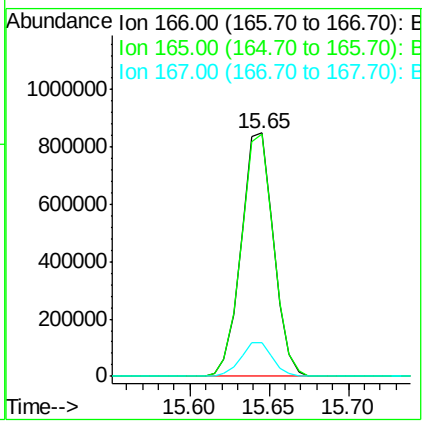


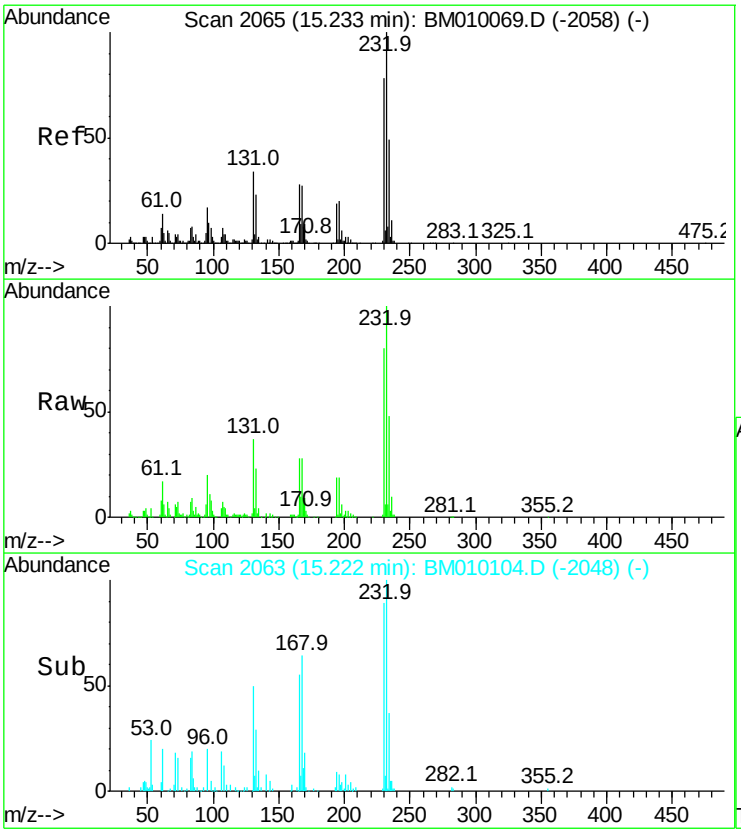

#57
Fluorene
Concen: 41.27 ng
RT: 15.65 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:166 Resp: 1201585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.3 | 79.0 | 118.4 |
| 167 | 13.6 | 10.3 | 15.5 |

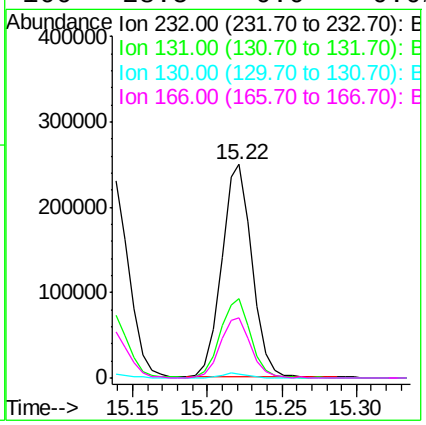


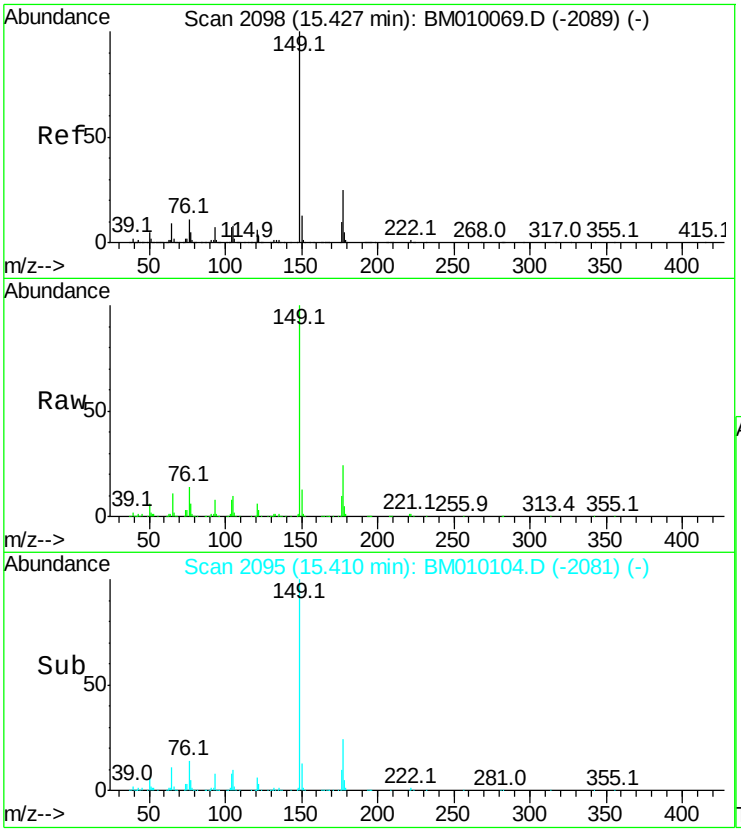




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.78 ng
RT: 15.22 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:232 Resp: 354382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 36.8 | 0.0 | 0.0# |
| 130 | 2.2 | 0.0 | 0.0# |
| 166 | 28.5 | 0.0 | 0.0# |



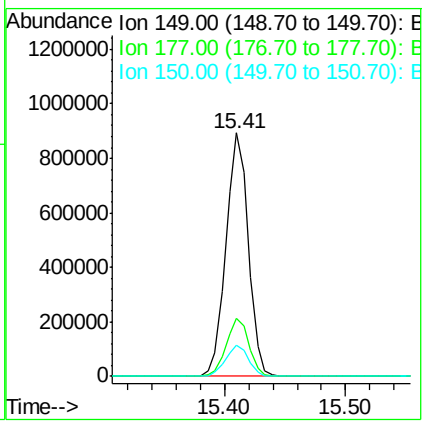


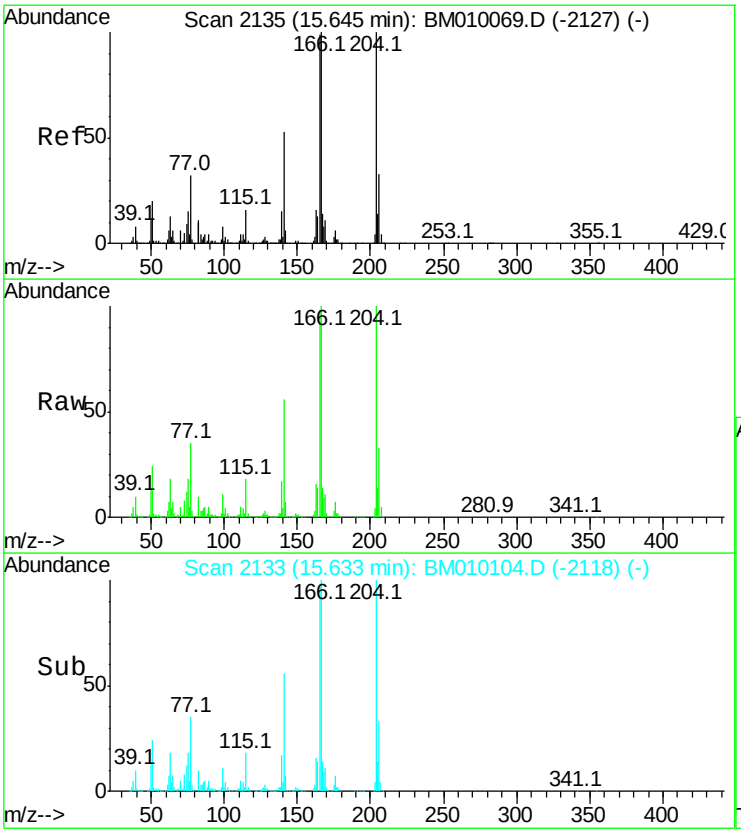

#59
Diethylphthalate
Concen: 39.01 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 1144690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.0 | 18.3 | 27.5 |
| 150 | 13.0 | 9.8 | 14.8 |

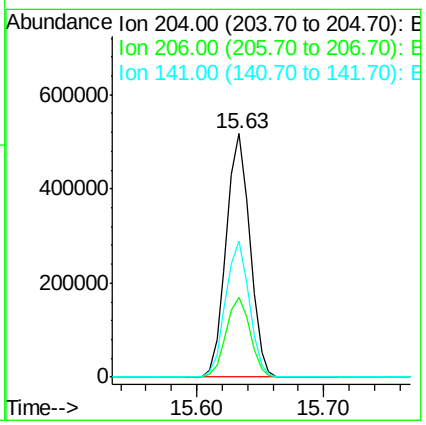


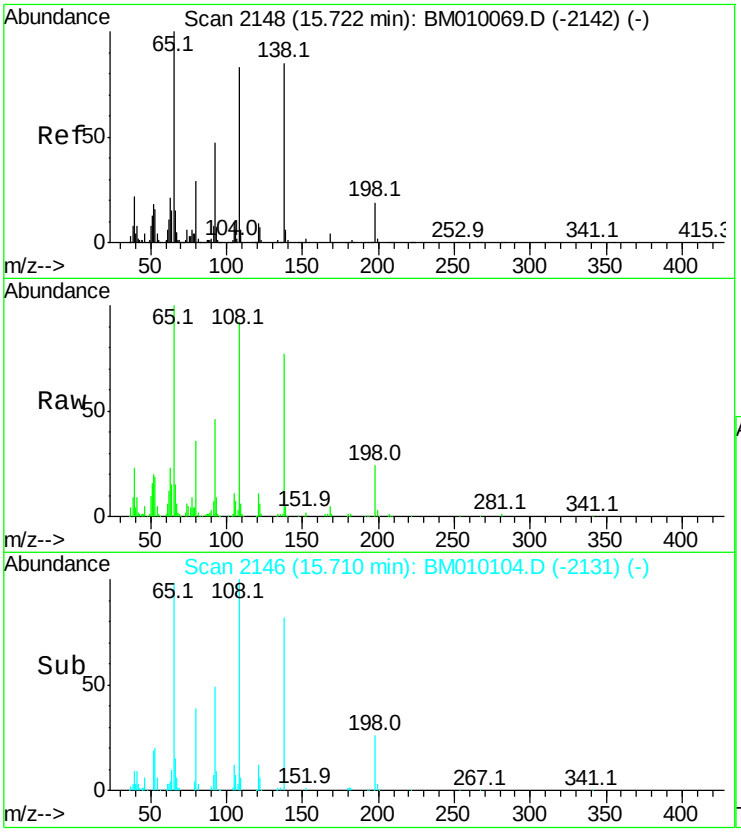




#60
4-Chlorophenyl-phenylether
Concen: 40.98 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:204 Resp: 669870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.6 | 39.8 |
| 141 | 55.8 | 45.2 | 67.8 |



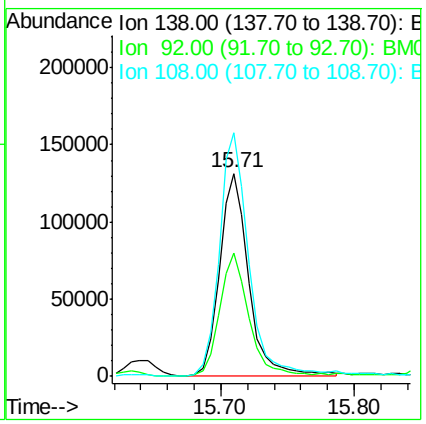


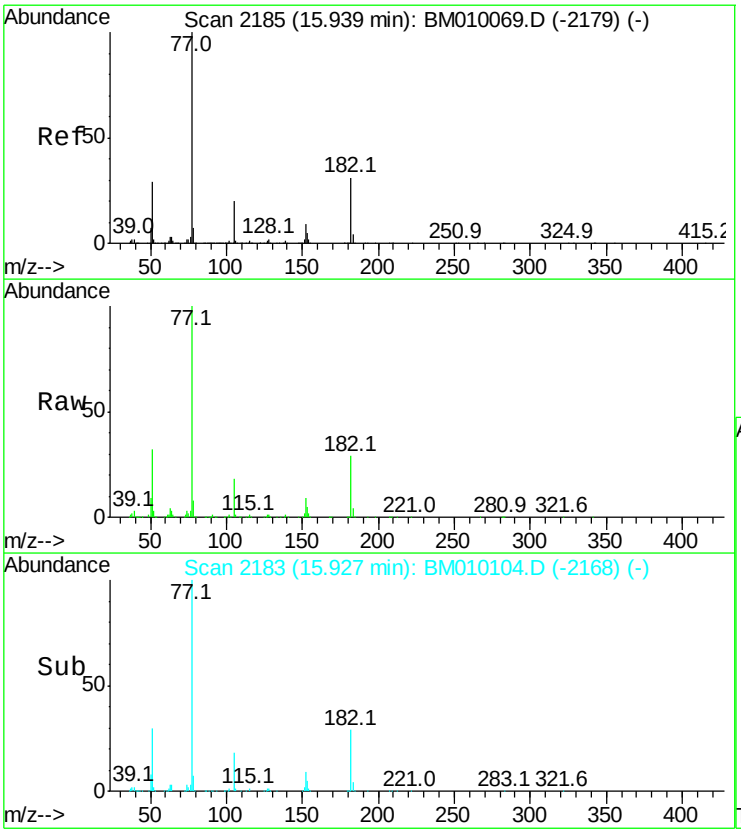

#61
4-Nitroaniline
Concen: 35.93 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:138 Resp: 199796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 60.5 | 16.7 | 56.7# |
| 108 | 119.8 | 37.6 | 77.6# |

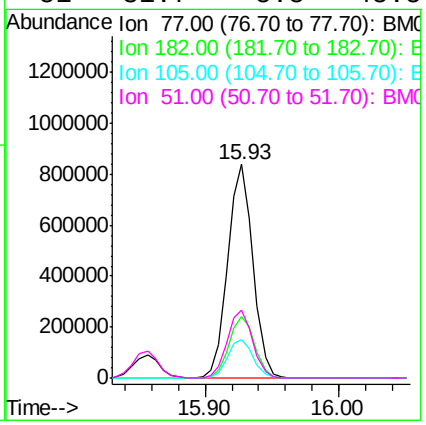


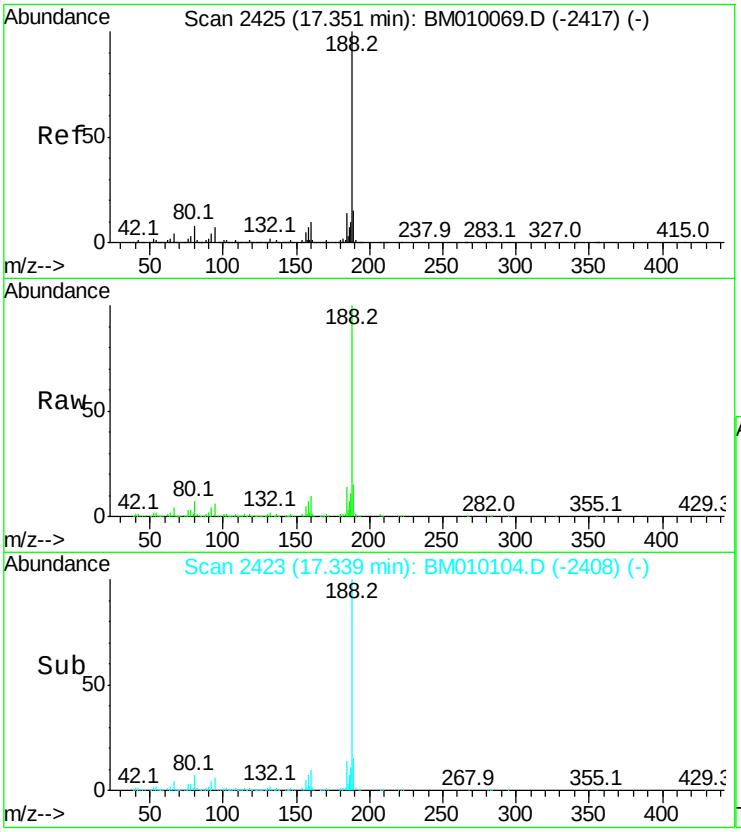




#62
Azobenzene
Concen: 51.31 ng
RT: 15.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion: 77 Resp: 1107015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 6.5 | 46.5 |
| 105 | 18.1 | 3.8 | 43.8 |
| 51 | 31.7 | 5.5 | 45.5 |



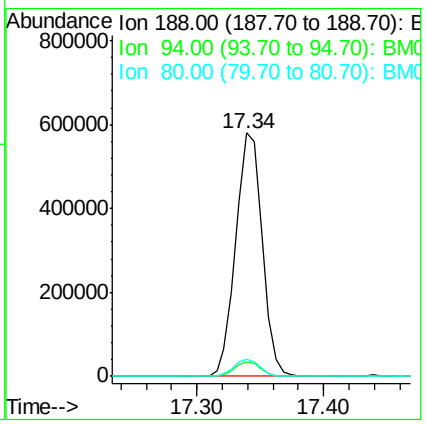


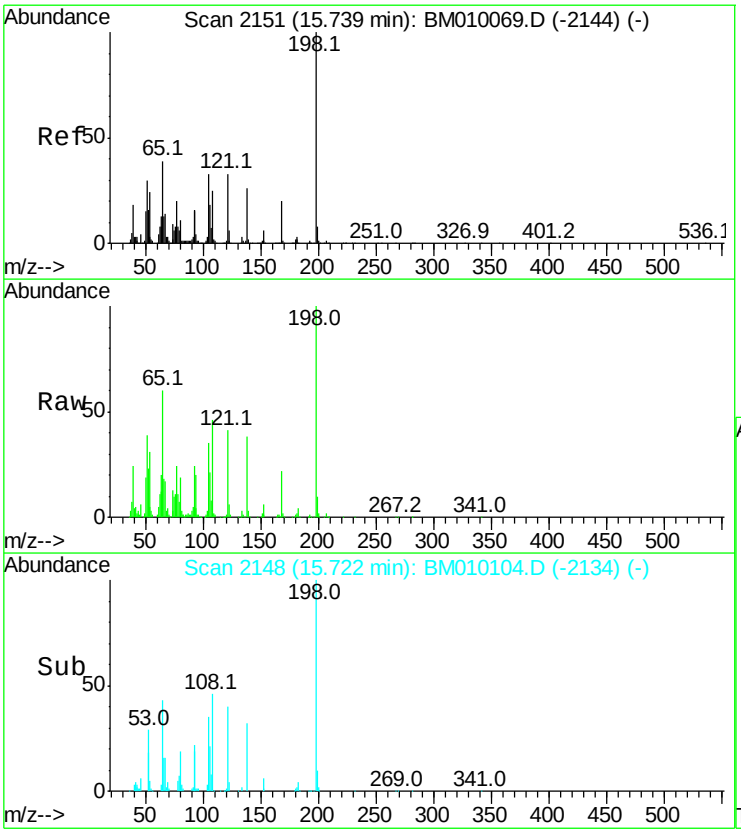

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:188 Resp: 837390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 8.7 | 13.1# |
| 80 | 7.0 | 9.3 | 13.9# |

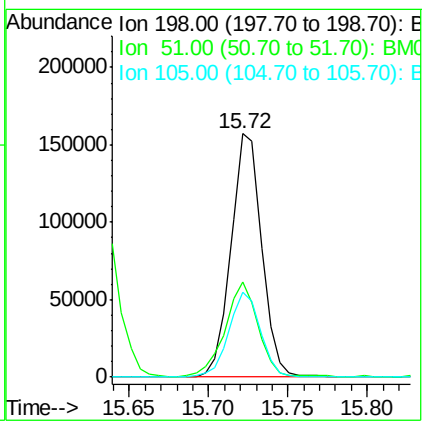


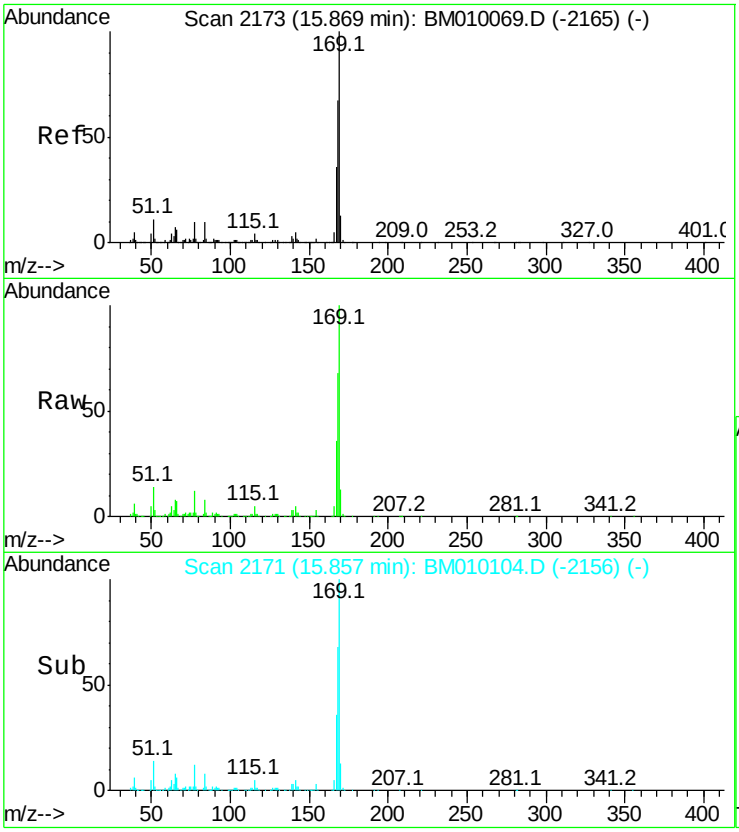




#64
4,6-Dinitro-2-methylphenol
Concen: 41.24 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:198 Resp: 210994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 39.1 | 28.8 | 68.8 |
| 105 | 35.1 | 30.5 | 70.5 |



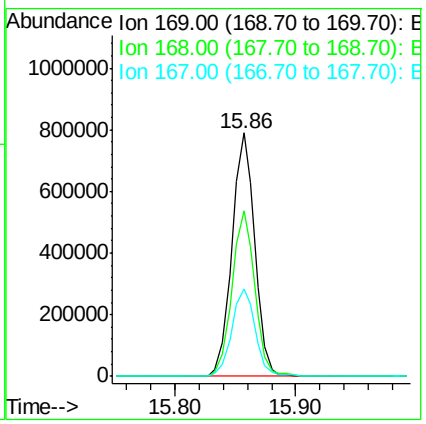


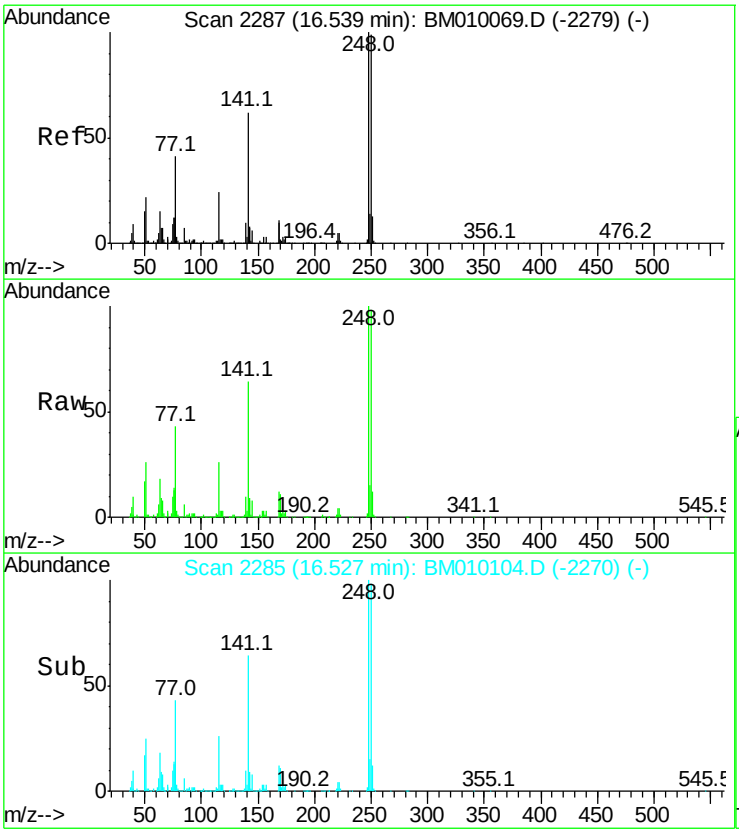

#65
n-Nitrosodiphenylamine
Concen: 41.39 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:169 Resp: 1038803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 53.9 | 80.9 |
| 167 | 36.2 | 28.9 | 43.3 |

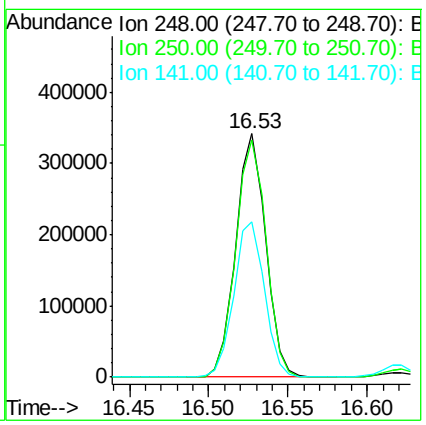


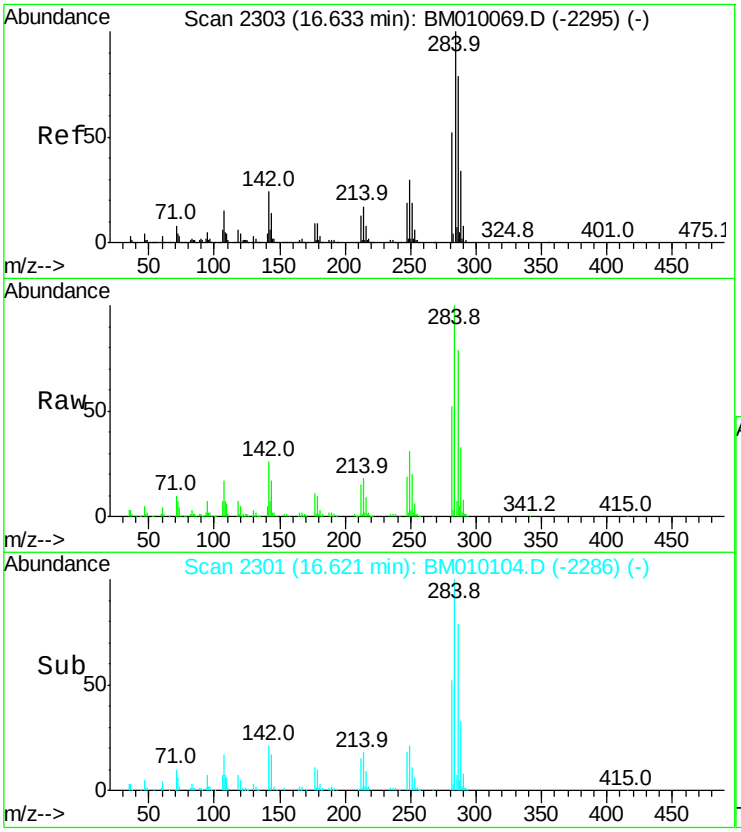




#66
4-Bromophenyl-phenylether
Concen: 41.76 ng
RT: 16.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:248 Resp: 447651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 77.4 | 116.0 |
| 141 | 64.0 | 45.2 | 67.8 |



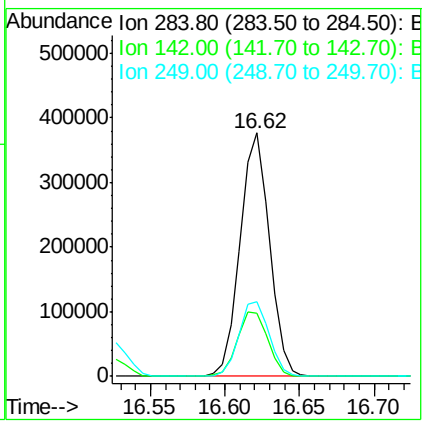


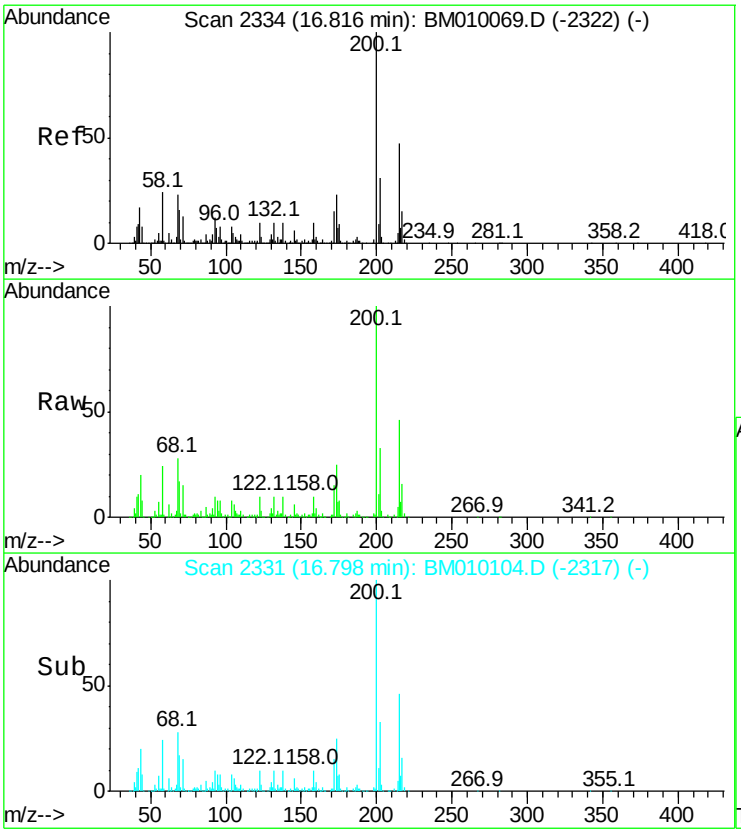

#67
Hexachlorobenzene
Concen: 39.40 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:284 Resp: 513180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 26.0 | 20.4 | 30.6 |
| 249 | 30.5 | 23.8 | 35.6 |

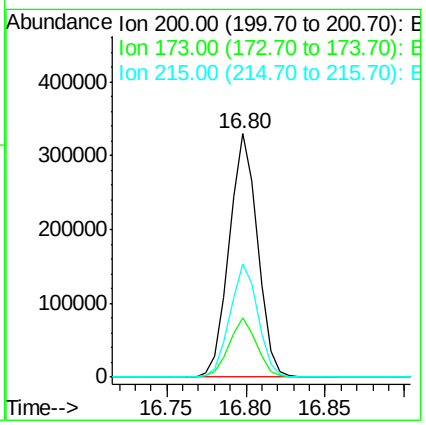


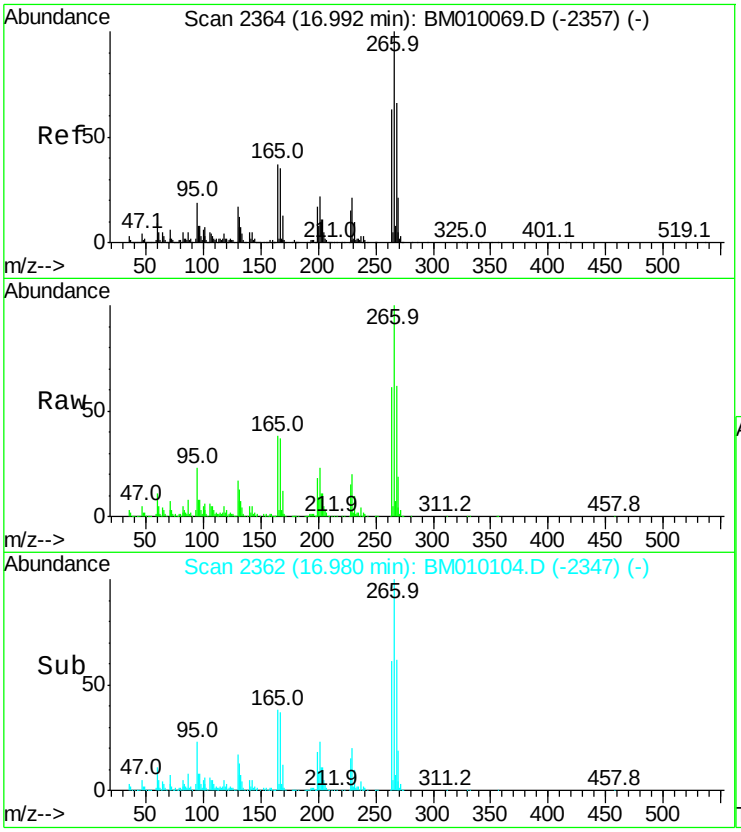




#68
Atrazine
Concen: 42.75 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:200 Resp: 406800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.5 | 4.8 | 44.8 |
| 215 | 46.4 | 26.9 | 66.9 |



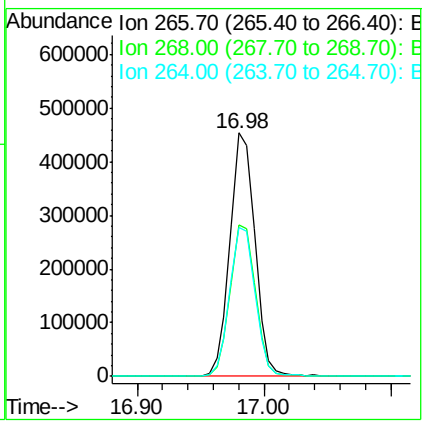


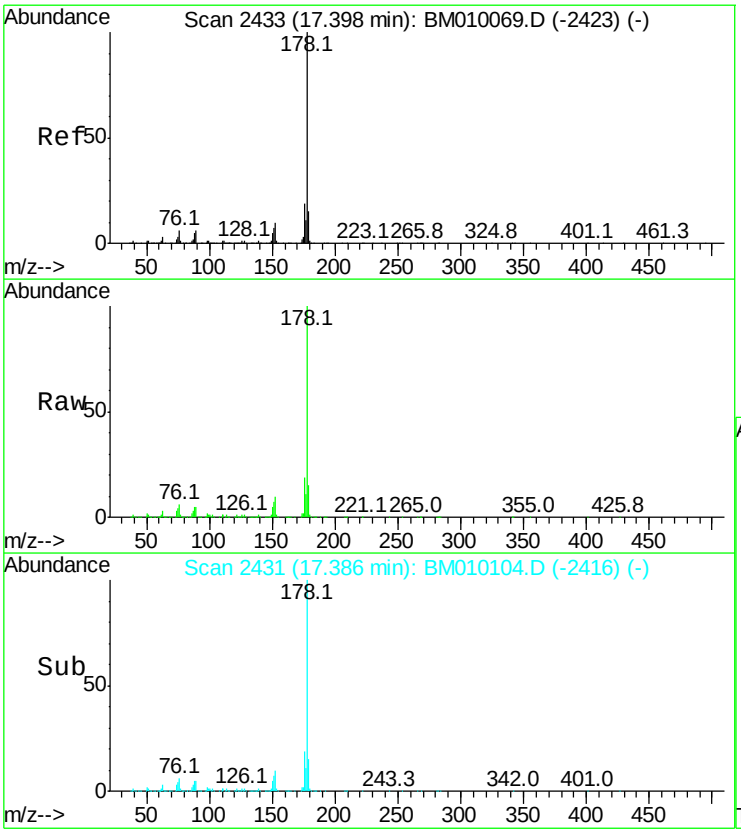

#69
Pentachlorophenol
Concen: 86.57 ng
RT: 16.98 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:266 Resp: 619300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.4 | 52.0 | 78.0 |
| 264 | 61.3 | 49.0 | 73.4 |

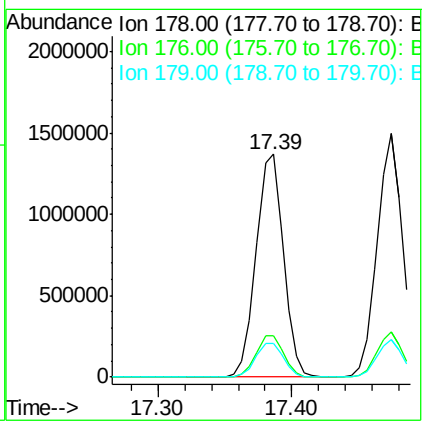


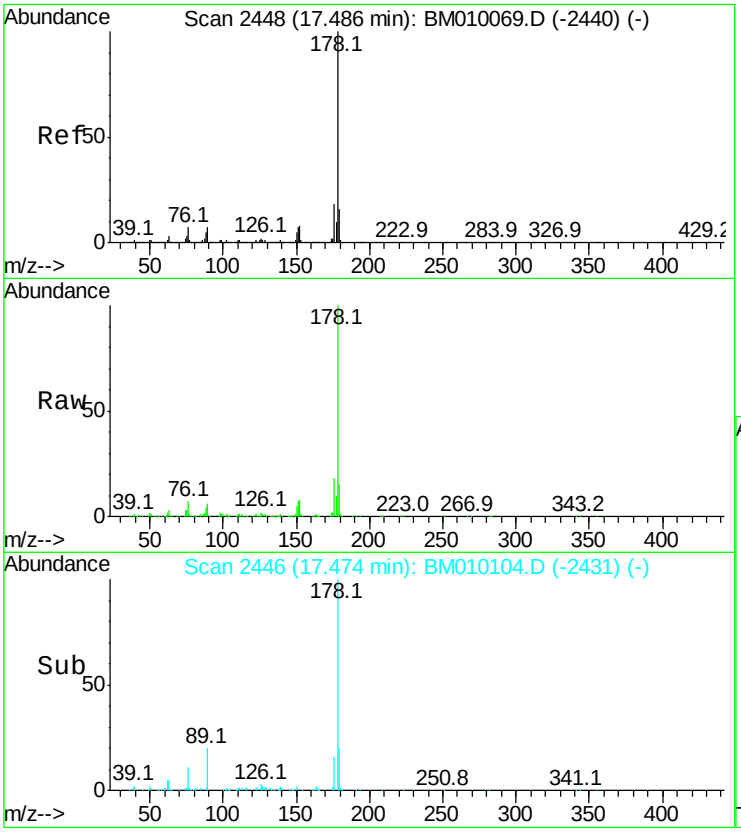




#70
Phenanthrene
Concen: 41.31 ng
RT: 17.39 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:178 Resp: 1935414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.2 | 22.8 |
| 179 | 14.9 | 12.1 | 18.1 |



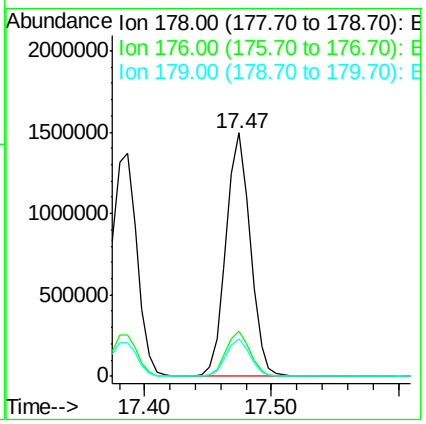


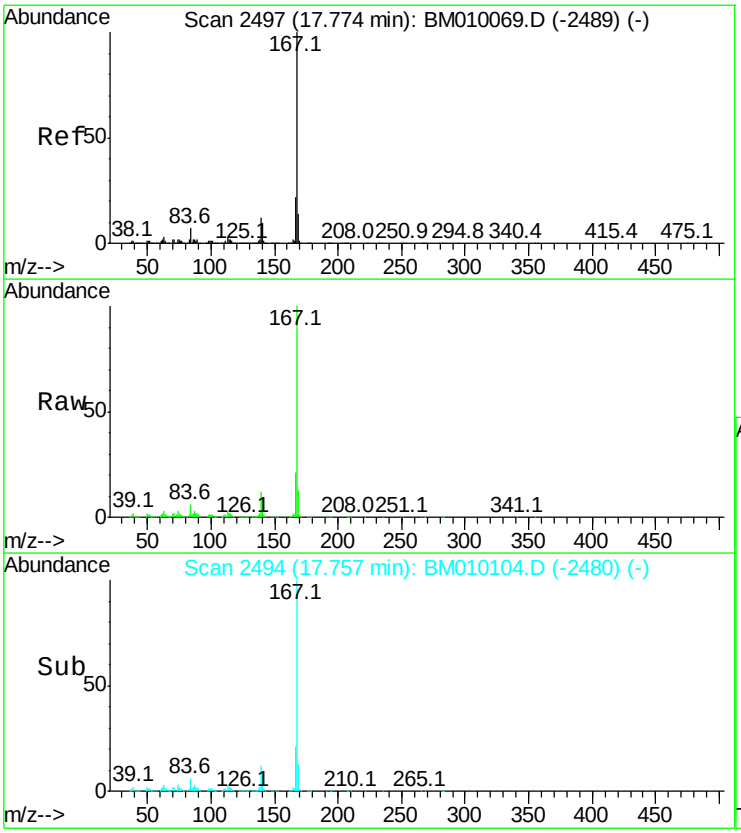

#71
Anthracene
Concen: 42.43 ng
RT: 17.47 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:178 Resp: 1972765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.6 | 22.0 |
| 179 | 15.3 | 12.6 | 19.0 |

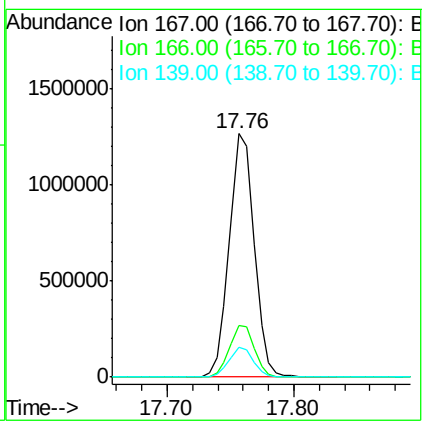


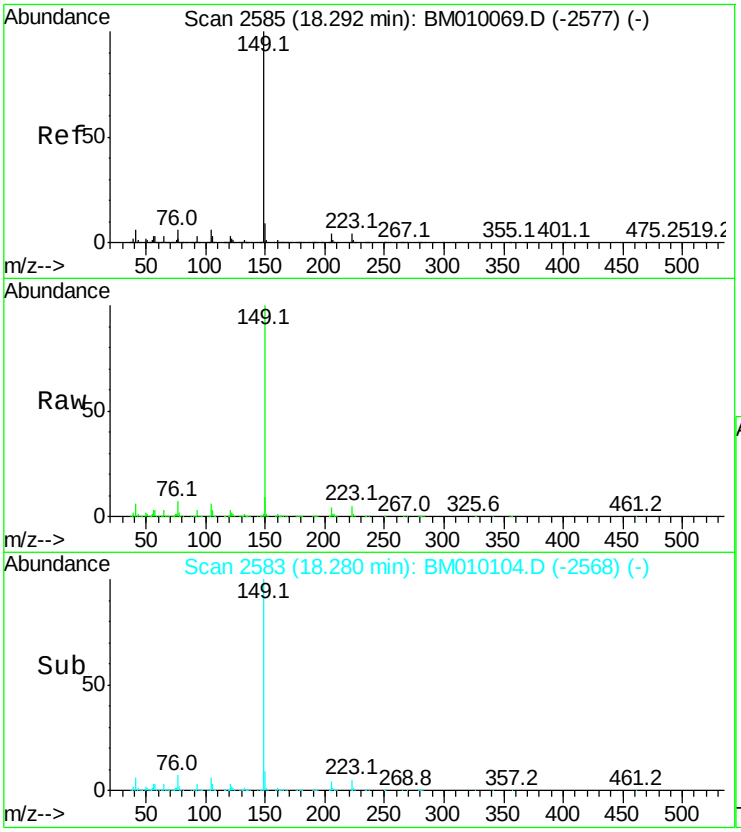




#72
Carbazole
Concen: 41.85 ng
RT: 17.76 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:167 Resp: 1722639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.2 | 25.8 |
| 139 | 12.2 | 10.8 | 16.2 |



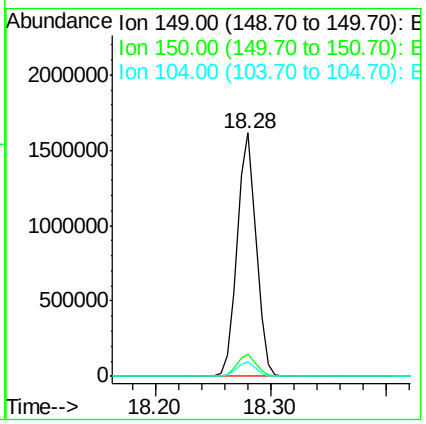


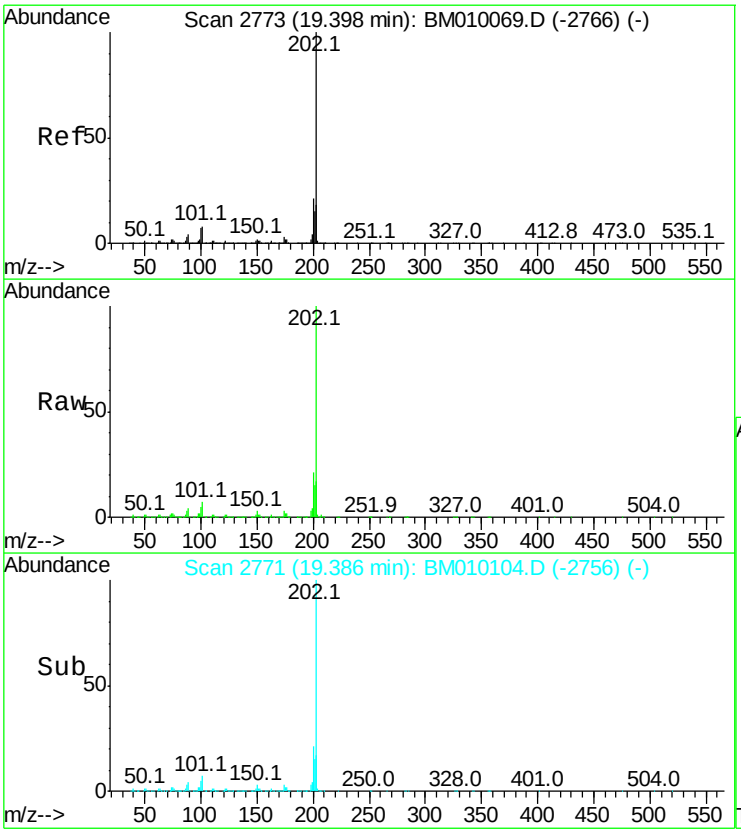

#73
Di-n-butylphthalate
Concen: 37.84 ng
RT: 18.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 1846807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 6.1 | 3.7 | 5.5# |

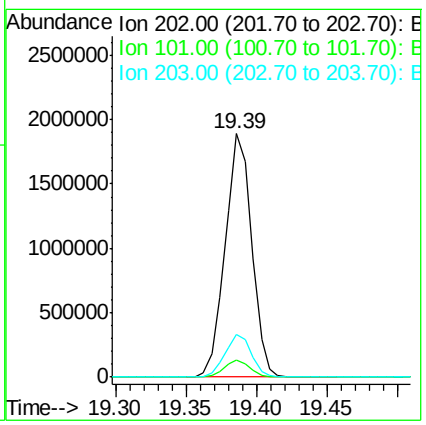


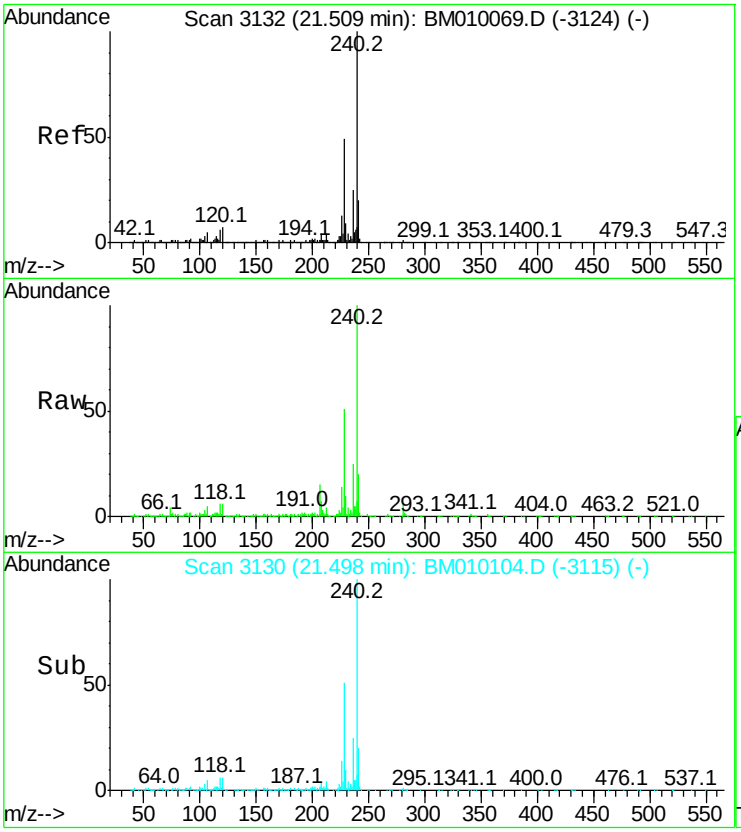




#74
Fluoranthene
Concen: 40.66 ng
RT: 19.39 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:202 Resp: 2473644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.0 | 0.0 | 28.7 |
| 203 | 17.5 | 0.0 | 37.2 |



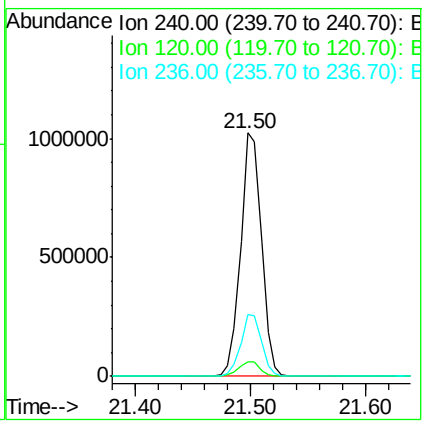


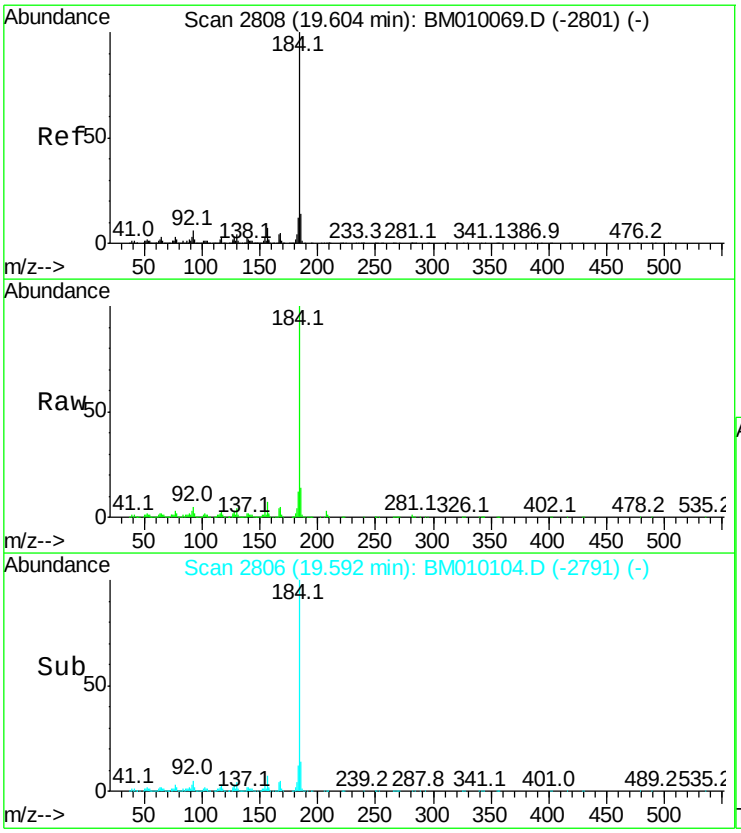

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:240 Resp: 1285327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 8.2 | 12.2# |
| 236 | 25.3 | 20.0 | 30.0 |

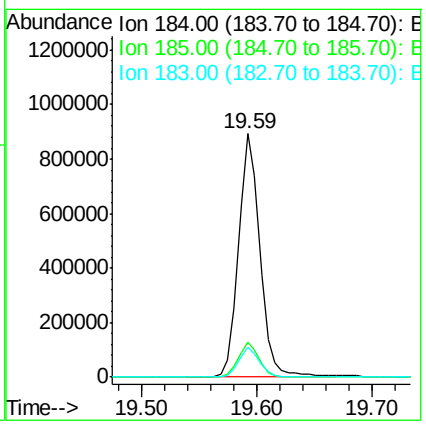


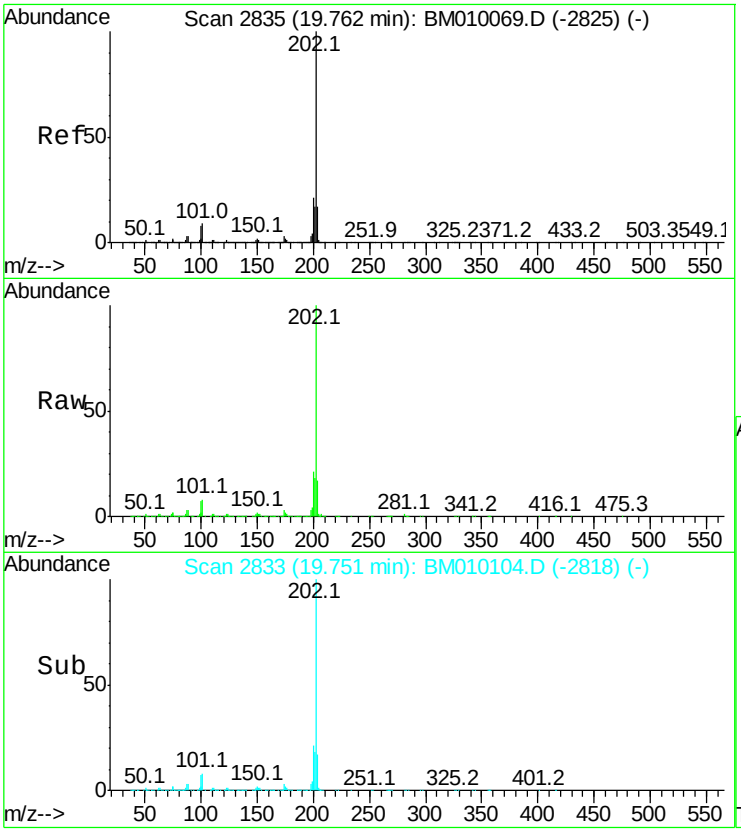




#76
Benzidine
Concen: 48.54 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:184 Resp: 1150687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.3 | 16.9 |
| 183 | 12.2 | 8.9 | 13.3 |



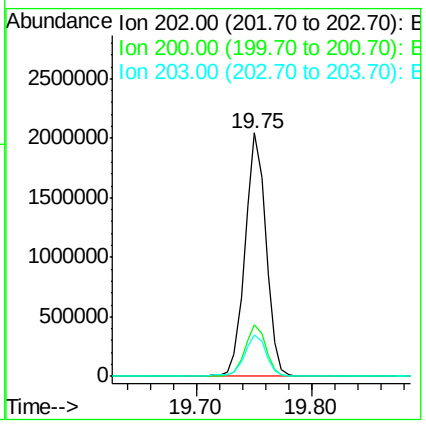


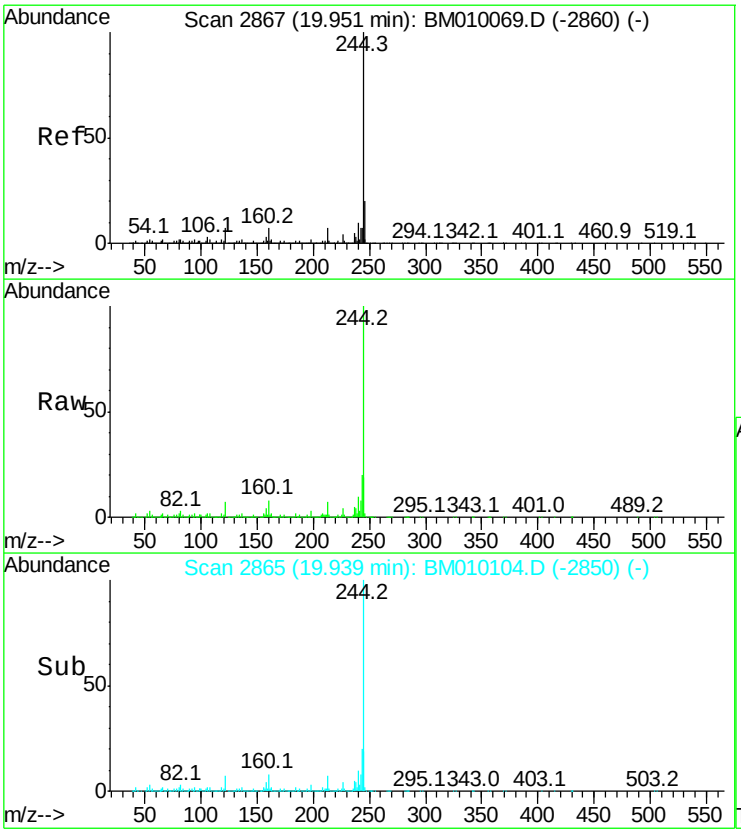

#77
Pyrene
Concen: 37.37 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:202 Resp: 2575176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 16.9 | 25.3 |
| 203 | 17.0 | 14.1 | 21.1 |

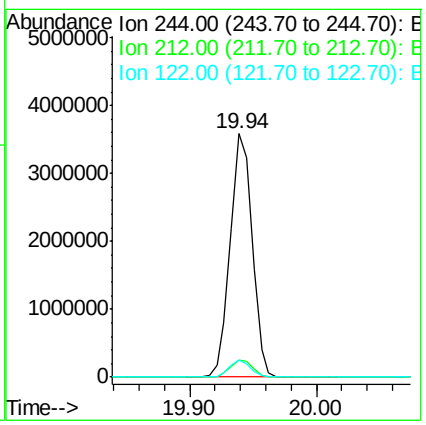


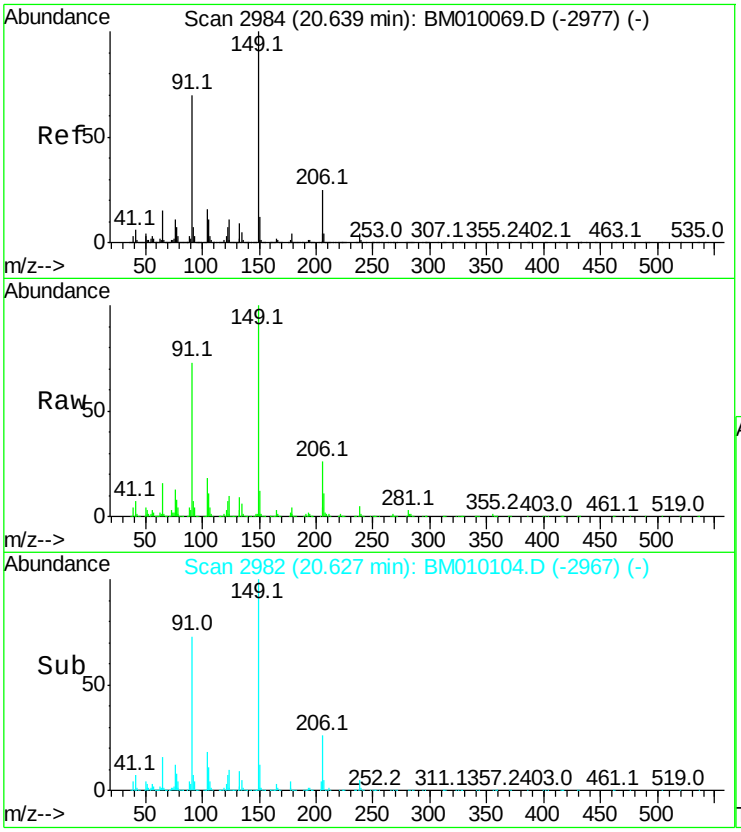




#78
Terphenyl-d14
Concen: 75.60 ng
RT: 19.94 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:244 Resp: 4273629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 4.9 | 7.3 |
| 122 | 6.8 | 6.2 | 9.4 |



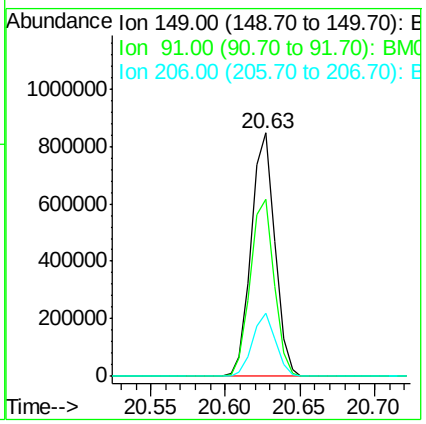


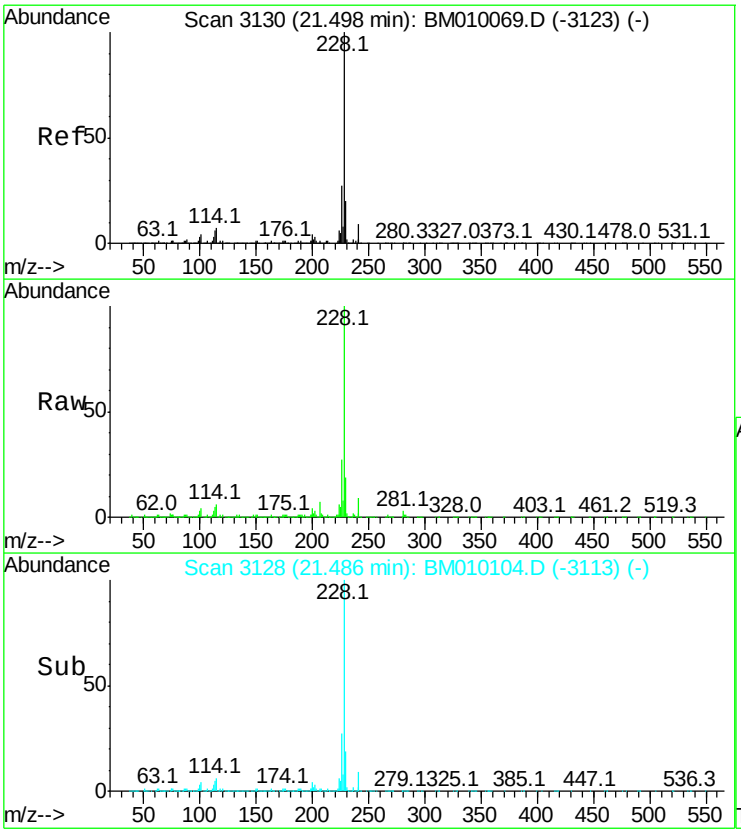

#79
Butylbenzylphthalate
Concen: 36.06 ng
RT: 20.63 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 919955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.5 | 50.1 | 75.1 |
| 206 | 26.2 | 16.2 | 24.2# |

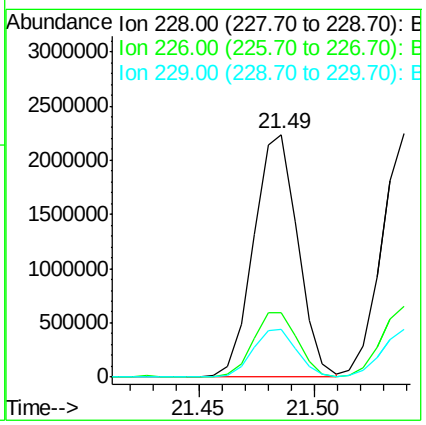


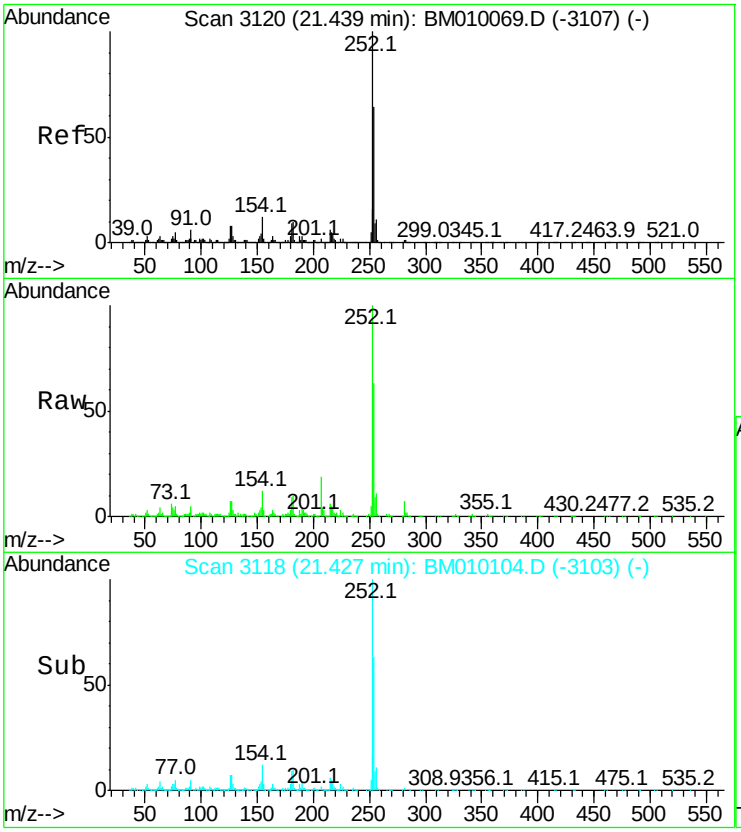




#80
Benzo(a)anthracene
Concen: 41.84 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:228 Resp: 2963674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 21.7 | 32.5 |
| 229 | 19.4 | 16.0 | 24.0 |



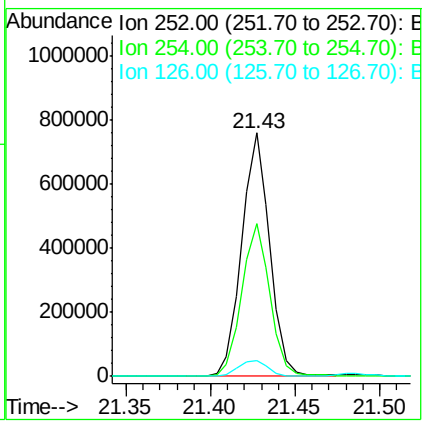


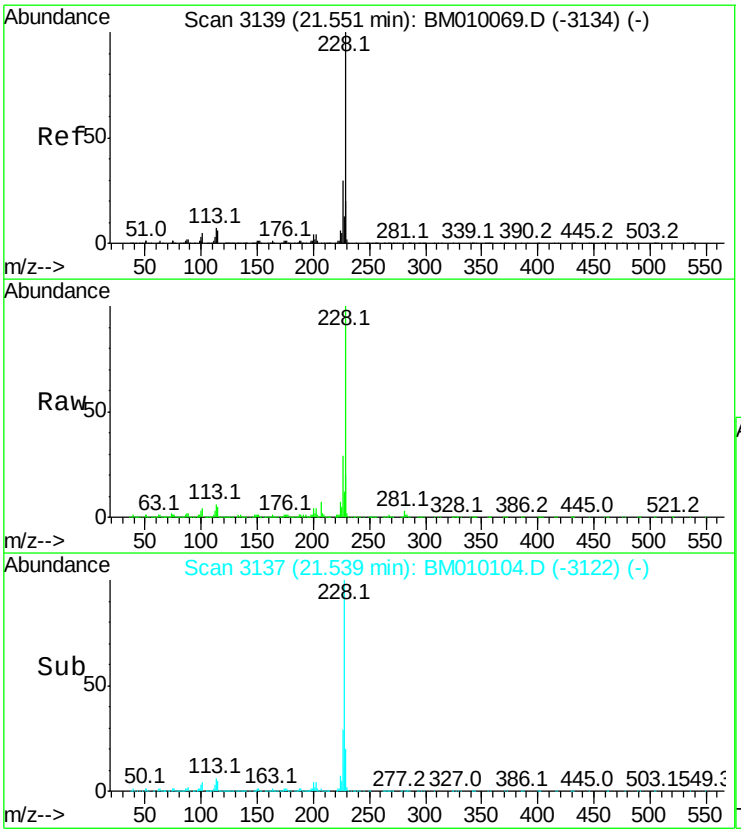

#81
3,3'-Dichlorobenzidine
Concen: 30.60 ng
RT: 21.43 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 871966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.7 | 51.9 | 77.9 |
| 126 | 6.6 | 9.8 | 14.8# |

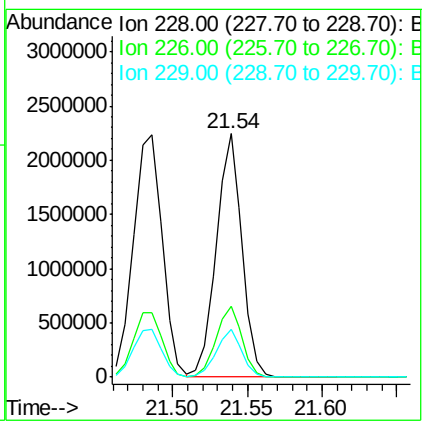


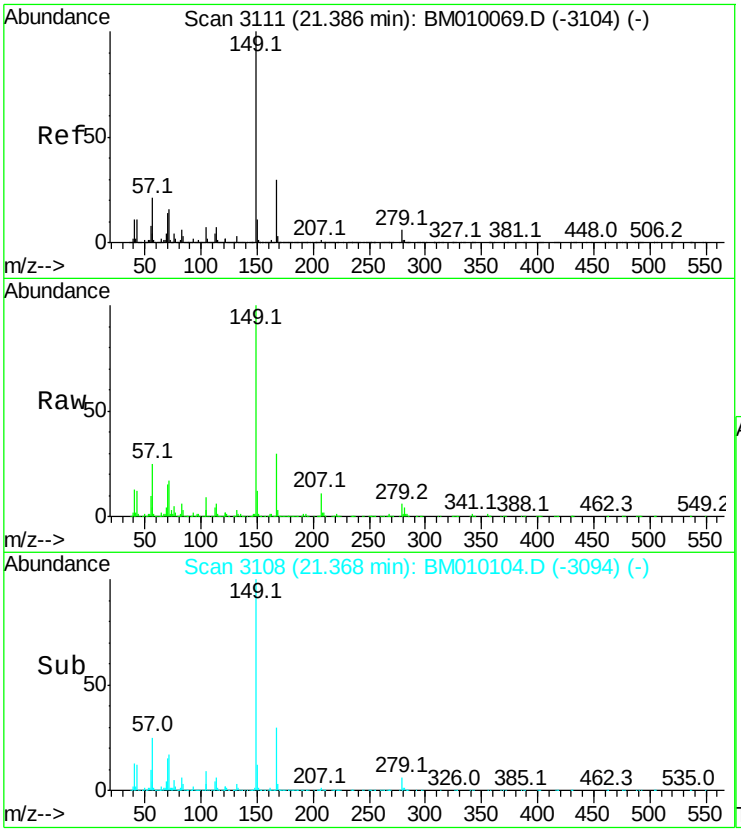




#82
Chrysene
Concen: 40.13 ng
RT: 21.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:228 Resp: 2695896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 24.1 | 36.1 |
| 229 | 19.6 | 15.5 | 23.3 |



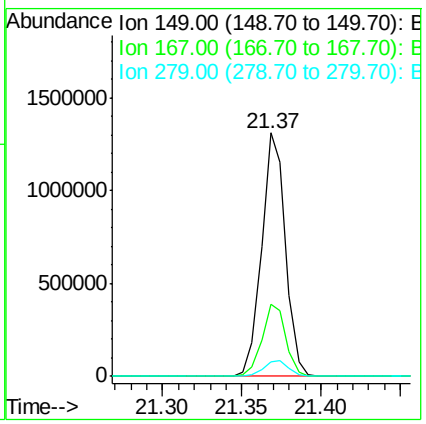


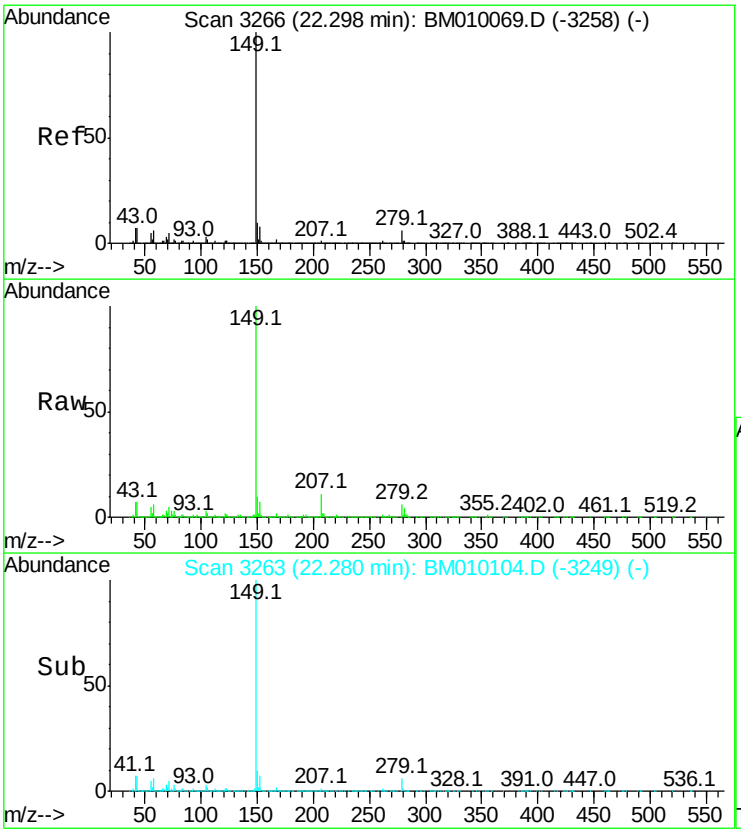

#83
Bis(2-ethylhexyl)phthalate
Concen: 35.93 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 1370805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.6 | 22.4 | 33.6 |
| 279 | 5.9 | 3.4 | 5.0# |

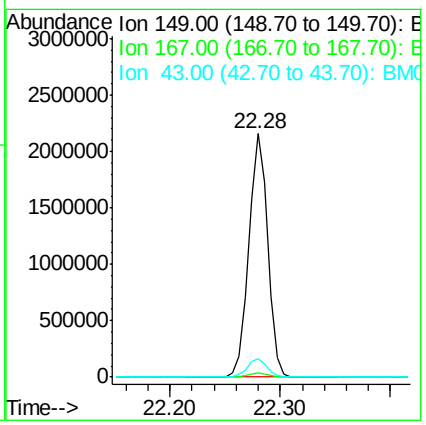


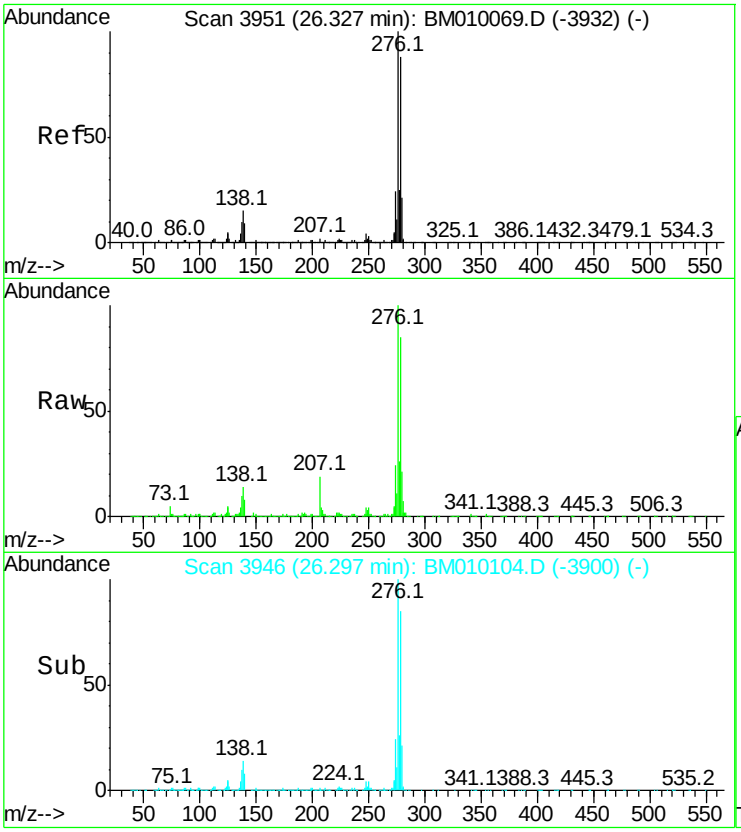




#84
Di-n-octyl phthalate
Concen: 37.81 ng
RT: 22.28 min Scan# 3263
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:149 Resp: 2582287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.2 | 1.8 |
| 43 | 7.6 | 7.3 | 10.9 |



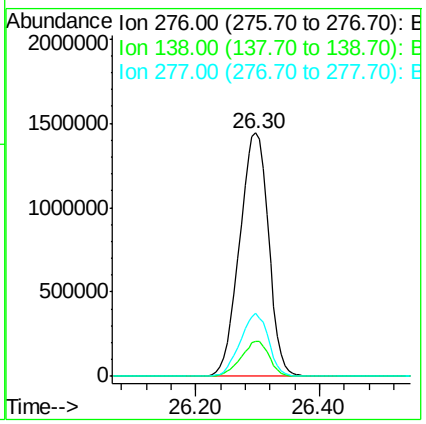


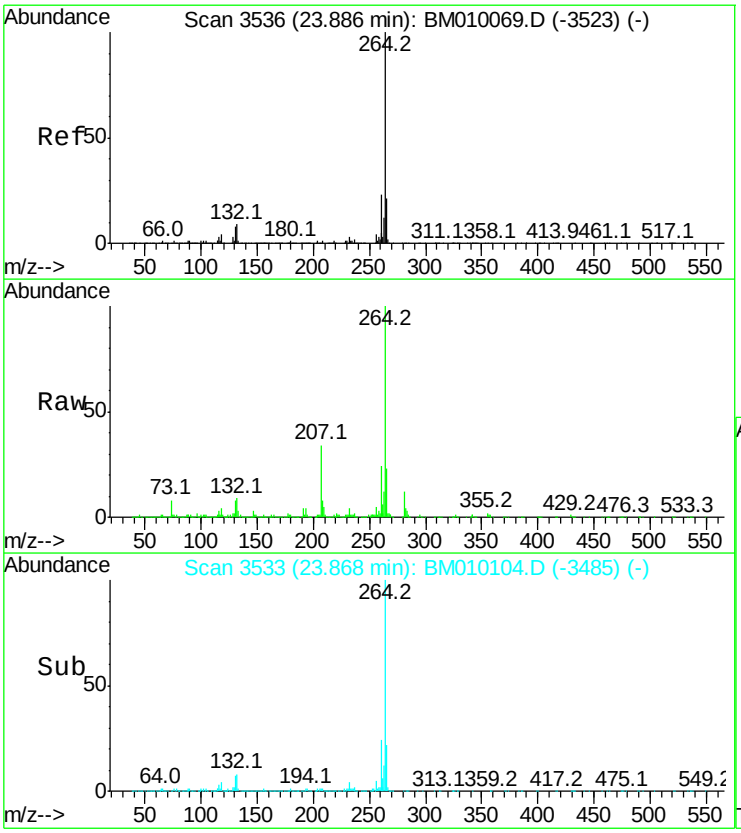

#85
Indeno(1,2,3-cd)pyrene
Concen: 47.88 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:276 Resp: 4716828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 14.0 | 0.0 | 0.0# |
| 277 | 25.3 | 0.0 | 0.0# |

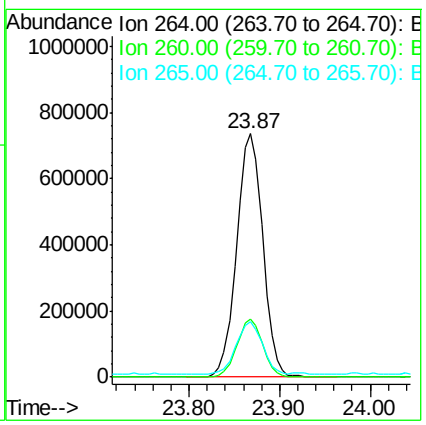


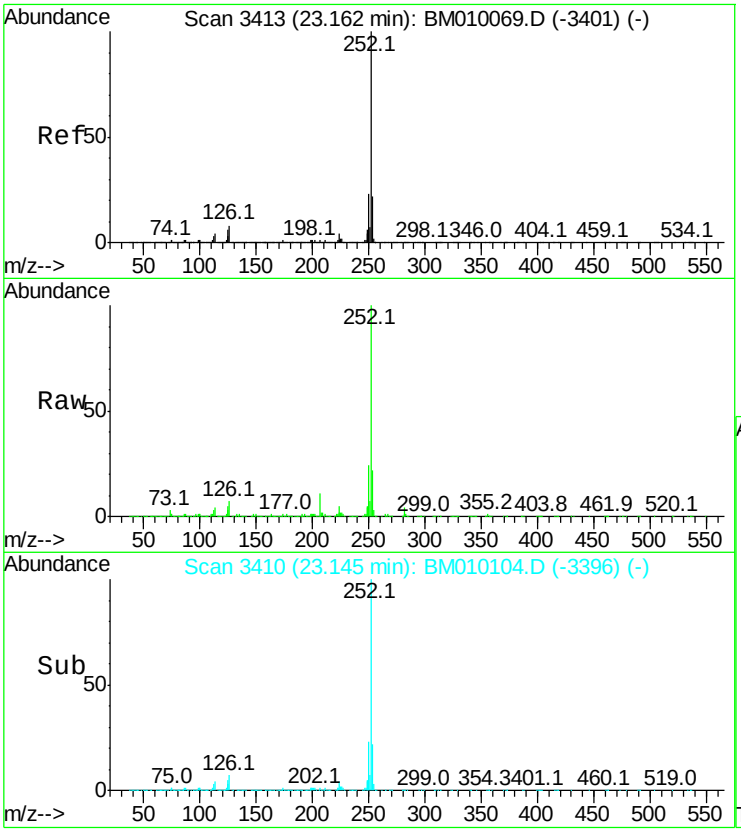




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:264 Resp: 1473210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 27.8 |
| 265 | 22.8 | 17.3 | 25.9 |



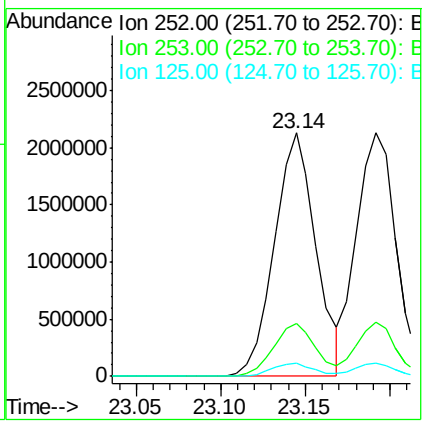


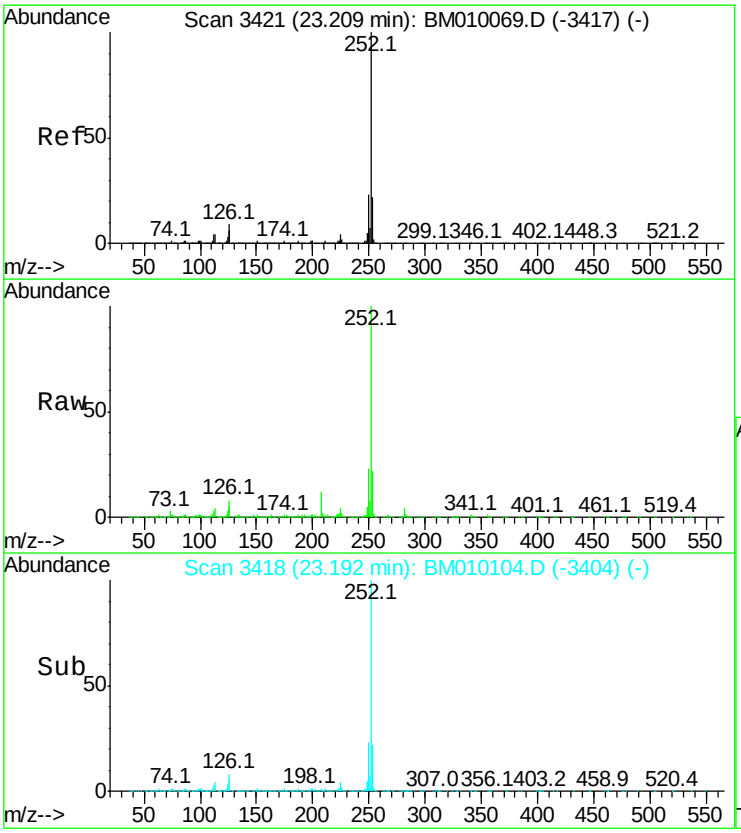

#87
Benzo(b)fluoranthene
Concen: 42.13 ng
RT: 23.14 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 3632444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 18.0 | 27.0 |
| 125 | 5.4 | 9.9 | 14.9# |

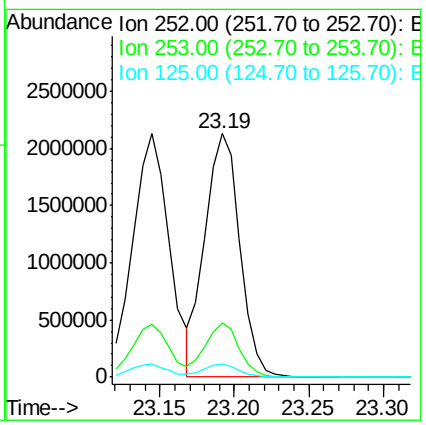


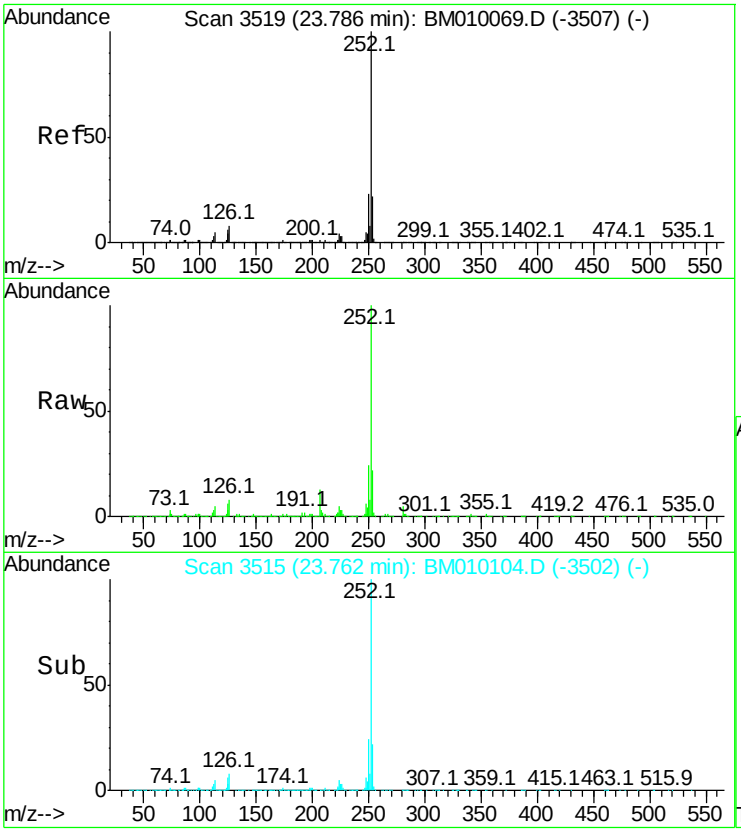




#88
Benzo(k)fluoranthene
Concen: 40.92 ng
RT: 23.19 min Scan# 3418
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:252 Resp: 3456399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.2 | 25.8 |
| 125 | 5.4 | 8.1 | 12.1# |



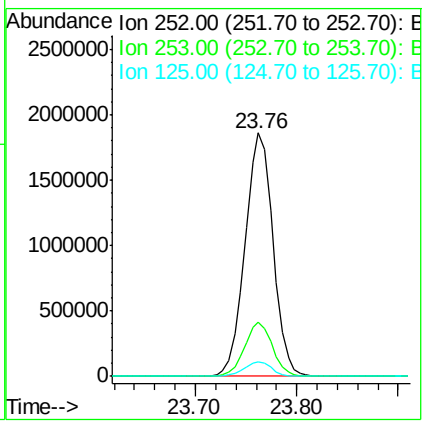


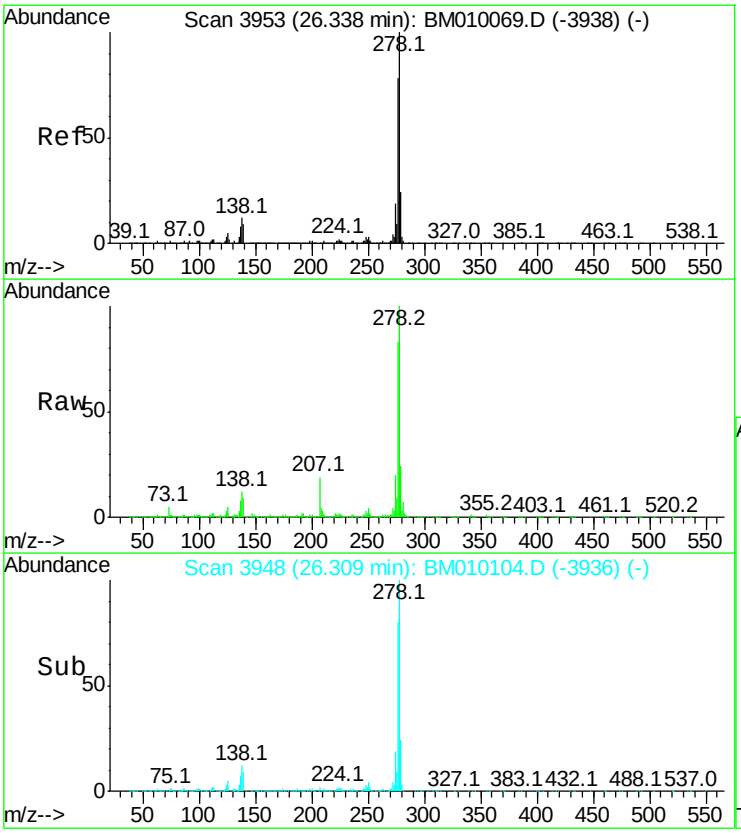

#89
Benzo(a)pyrene
Concen: 43.30 ng
RT: 23.76 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 3557307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 5.9 | 7.4 | 11.2# |

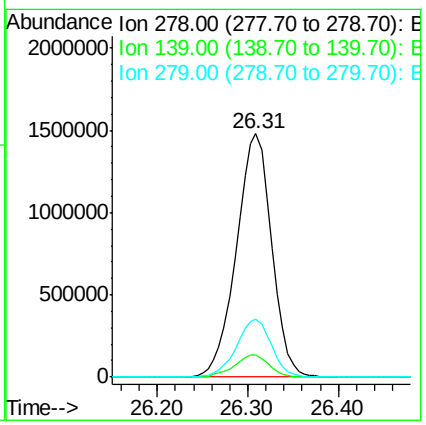


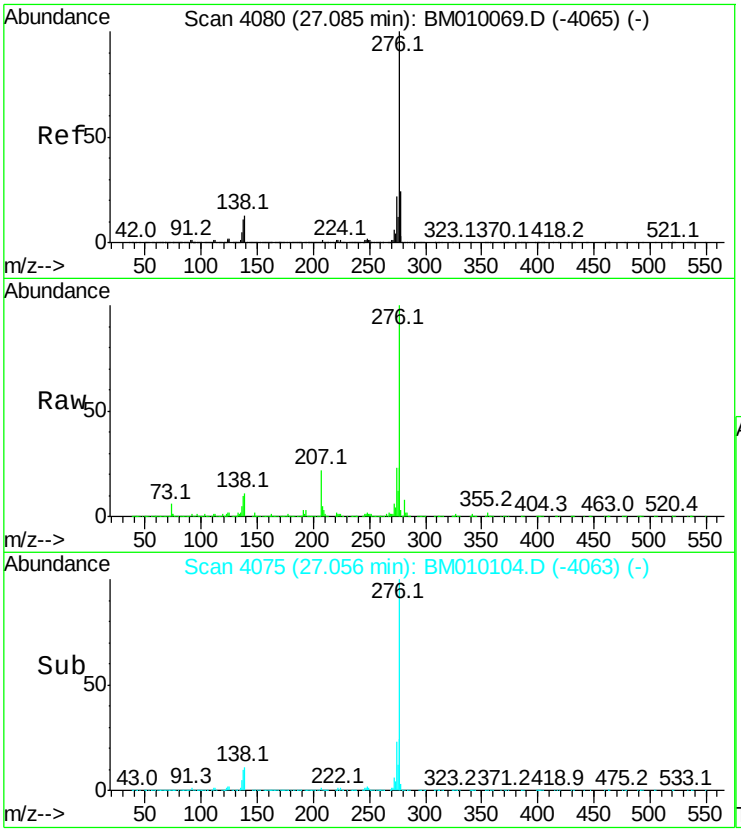




#90
Dibenzo(a,h)anthracene
Concen: 43.28 ng
RT: 26.31 min Scan# 3948
Delta R.T. -0.03 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

Tgt Ion:278 Resp: 3976646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.2 | 13.4 | 20.0# |
| 279 | 24.1 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 43.16 ng
RT: 27.06 min Scan# 4075
Delta R.T. -0.03 min
Lab File: BM010104.D
Acq: 22 May 2017 16:11

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:276 Resp: 3885406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 18.5 | 27.7 |
| 138 | 11.5 | 19.0 | 28.6# |