Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
Data File : BM011091.D
Acq On : 02 Aug 2017 10:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 02 23:15:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 153855 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.14 | 136 | 741373 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.04 | 164 | 615894 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 16.80 | 188 | 1806247 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.02 | 240 | 2142309 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.13 | 264 | 1614989 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.02 | 112 | 735880 | 80.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.58 | 99 | 1115447 | 86.26 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.53 | 82 | 1691422 | 85.63 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.54 | 330 | 888619 | 90.02 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 12.65 | 172 | 3685801 | 75.05 | ng | | -0.01 |
| 78) Terphenyl-d14 | 19.46 | 244 | 9357795 | 86.53 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.03 | 88 | 160654 | 39.31 | ng | # | 100 |
| 3) Pyridine | 3.40 | 79 | 491454 | 44.03 | ng | # | 84 |
| 4) n-Nitrosodimethylamine | 3.32 | 42 | 277377 | 48.76 | ng | # | 68 |
| 6) Aniline | 6.73 | 93 | 702524 | 43.10 | ng | # | 82 |
| 8) 2-Chlorophenol | 6.95 | 128 | 371687 | 40.22 | ng | # | 78 |
| 9) Benzaldehyde | 6.54 | 77 | 364462 | 43.56 | ng | # | 75 |
| 10) Phenol | 6.60 | 94 | 593381 | 42.25 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.83 | 93 | 463198 | 42.32 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 7.27 | 146 | 450631 | 40.02 | ng | # | 74 |
| 13) 1,4-Dichlorobenzene | 7.42 | 146 | 470329 | 40.74 | ng | # | 85 |
| 14) 1,2-Dichlorobenzene | 7.73 | 146 | 446439 | 40.45 | ng | # | 86 |
| 15) Benzyl Alcohol | 7.63 | 79 | 592768 | 47.78 | ng | # | 79 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.91 | 45 | 440322 | 44.71 | ng | | 78 |
| 17) 2-Methylphenol | 7.83 | 107 | 392497 | 43.72 | ng | # | 73 |
| 18) Hexachloroethane | 8.43 | 117 | 217296 | 43.17 | ng | | 86 |
| 19) n-Nitroso-di-n-propylamine | 8.19 | 70 | 573733 | 52.21 | ng | # | 89 |
| 20) 3+4-Methylphenols | 8.16 | 107 | 558948 | 44.79 | ng | # | 79 |
| 22) Acetophenone | 8.20 | 105 | 855721 | 38.51 | ng | # | 88 |
| 24) Nitrobenzene | 8.57 | 77 | 865588 | 42.29 | ng | # | 85 |
| 25) Isophorone | 9.10 | 82 | 1424596 | 43.25 | ng | # | 84 |
| 26) 2-Nitrophenol | 9.27 | 139 | 252429 | 38.76 | ng | # | 12 |
| 27) 2,4-Dimethylphenol | 9.35 | 122 | 428873 | 37.41 | ng | # | 63 |
| 28) bis(2-Chloroethoxy)methane | 9.58 | 93 | 736584 | 40.10 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 9.80 | 162 | 527129 | 40.91 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.01 | 180 | 620738 | 38.97 | ng | | 99 |
| 31) Naphthalene | 10.19 | 128 | 1467528 | 39.35 | ng | | 97 |
| 32) Benzoic acid | 9.52 | 122 | 377869 | 41.00 | ng | # | 51 |
| 33) 4-Chloroaniline | 10.31 | 127 | 611980 | 41.13 | ng | # | 70 |
| 34) Hexachlorobutadiene | 10.48 | 225 | 513546 | 40.93 | ng | | 98 |
| 35) Caprolactam | 11.12 | 113 | 141783 | 38.81 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 11.45 | 107 | 754611 | 45.36 | ng | # | 72 |
| 37) 2-Methylnaphthalene | 11.82 | 142 | 1176389 | 42.94 | ng | # | 87 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 986700 | 37.29 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.17 | 237 | 557091 | 36.13 | ng | | 97 |

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
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Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 02 23:15:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.45 | 196 | 623687 | 38.94 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 12.52 | 196 | 646471 | 39.19 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 12.86 | 154 | 2008860 | 37.72 | ng | | 96 |
| 46) 2-Chloronaphthalene | 12.90 | 162 | 1473899 | 37.56 | ng | | 94 |
| 47) 2-Nitroaniline | 13.12 | 65 | 654248 | 47.13 | ng | # | 67 |
| 48) Acenaphthylene | 13.76 | 152 | 2365171 | 40.39 | ng | | 98 |
| 49) Dimethylphthalate | 13.52 | 163 | 2158877 | 40.98 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 13.63 | 165 | 444694 | 41.74 | ng | # | 54 |
| 51) Acenaphthene | 14.10 | 154 | 1463489 | 40.36 | ng | | 97 |
| 52) 3-Nitroaniline | 13.96 | 138 | 393530 | 42.56 | ng | # | 16 |
| 53) 2,4-Dinitrophenol | 14.17 | 184 | 333163 | 44.00 | ng | # | 89 |
| 54) Dibenzofuran | 14.44 | 168 | 2455841 | 41.80 | ng | # | 88 |
| 55) 4-Nitrophenol | 14.29 | 139 | 342475 | 42.16 | ng | # | 82 |
| 56) 2,4-Dinitrotoluene | 14.43 | 165 | 701634 | 46.91 | ng | | 89 |
| 57) Fluorene | 15.10 | 166 | 2219863 | 43.40 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.68 | 232 | 675778 | 43.71 | ng | # | 100 |
| 59) Diethylphthalate | 14.90 | 149 | 2337258 | 43.44 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.10 | 204 | 1311981 | 42.48 | ng | | 96 |
| 61) 4-Nitroaniline | 15.14 | 138 | 440120 | 44.82 | ng | # | 1 |
| 62) Azobenzene | 15.40 | 77 | 2785655 | 48.37 | ng | | 87 |
| 64) 4,6-Dinitro-2-methylphenol | 15.20 | 198 | 503231 | 41.15 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 15.33 | 169 | 2002830 | 38.75 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.00 | 248 | 909317 | 39.16 | ng | # | 87 |
| 67) Hexachlorobenzene | 16.10 | 284 | 1025494 | 39.08 | ng | # | 87 |
| 68) Atrazine | 16.29 | 200 | 847606 | 40.92 | ng | | 95 |
| 69) Pentachlorophenol | 16.46 | 266 | 690946 | 41.48 | ng | | 97 |
| 70) Phenanthrene | 16.84 | 178 | 3908411 | 41.32 | ng | | 99 |
| 71) Anthracene | 16.93 | 178 | 3890498 | 41.25 | ng | | 99 |
| 72) Carbazole | 17.21 | 167 | 3517104 | 42.64 | ng | | 99 |
| 73) Di-n-butylphthalate | 17.79 | 149 | 4422641 | 44.03 | ng | # | 96 |
| 74) Fluoranthene | 18.87 | 202 | 5240749 | 44.71 | ng | | 97 |
| 76) Benzidine | 19.07 | 184 | 1960273 | 38.25 | ng | | 100 |
| 77) Pyrene | 19.24 | 202 | 5315758 | 41.76 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.17 | 149 | 2026061 | 44.76 | ng | # | 64 |
| 80) Benzo(a)anthracene | 21.00 | 228 | 5015112 | 41.00 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 20.95 | 252 | 1940922 | 40.45 | ng | # | 96 |
| 82) Chrysene | 21.06 | 228 | 4719614 | 40.19 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 2916859 | 43.80 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 21.81 | 149 | 4481639 | 41.47 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 3809489 | 31.33 | ng | # | 96 |
| 87) Benzo(b)fluoranthene | 22.51 | 252 | 4325632 | 41.73 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 22.55 | 252 | 4277278 | 43.05 | ng | # | 94 |
| 89) Benzo(a)pyrene | 23.04 | 252 | 3863576 | 41.19 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 25.21 | 278 | 3095391 | 35.60 | ng | # | 90 |
| 91) Benzo(g,h,i)perylene | 25.83 | 276 | 2976763 | 34.87 | ng | # | 84 |

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

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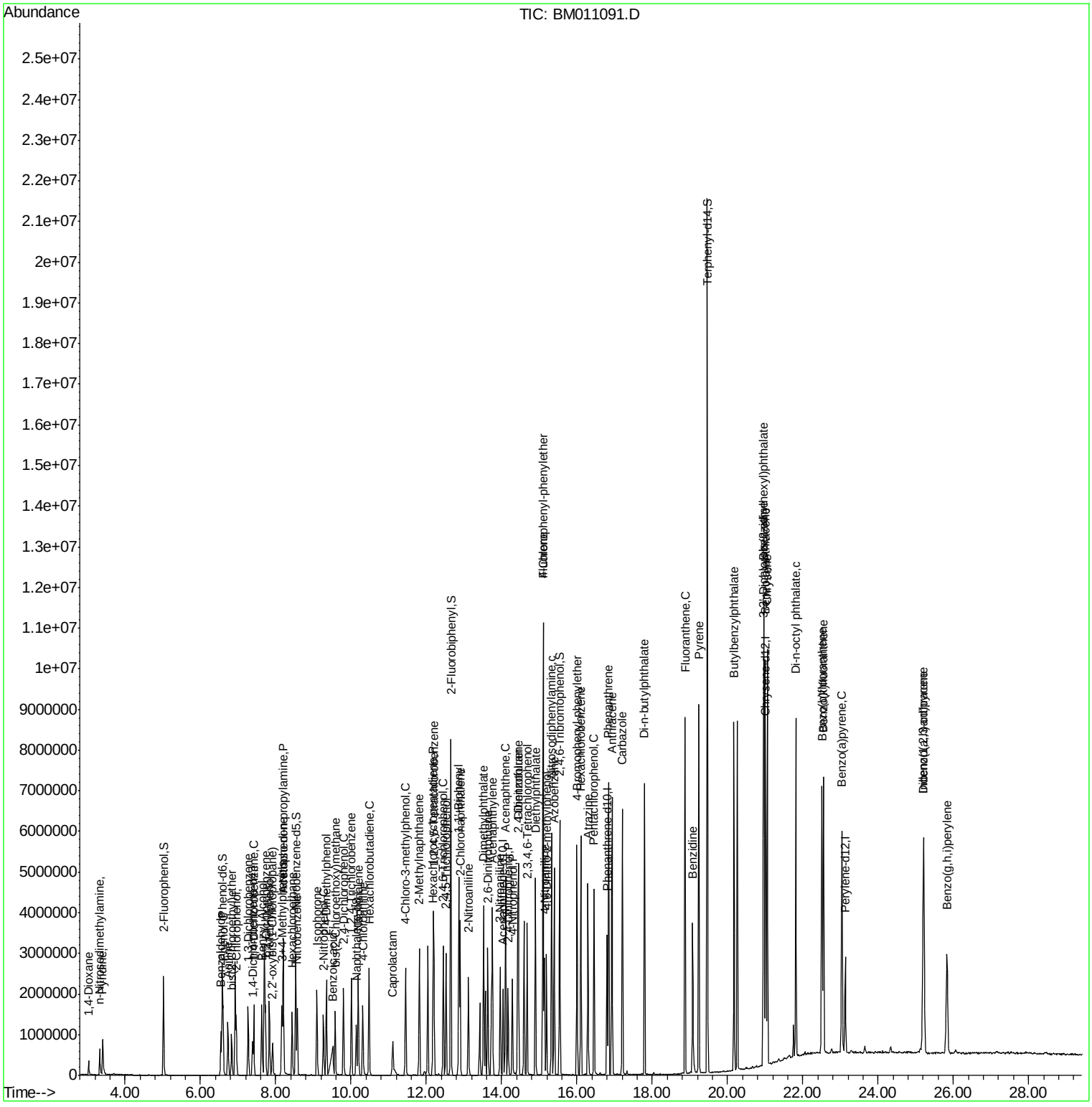
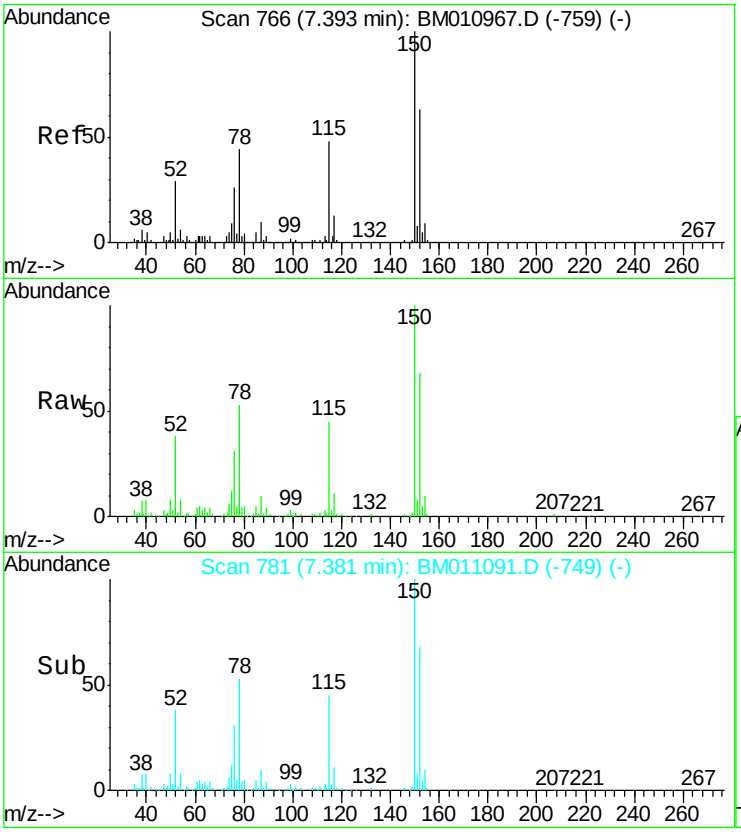
Data File : BM011091.D
Acq On : 02 Aug 2017 10:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 02 23:15:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration



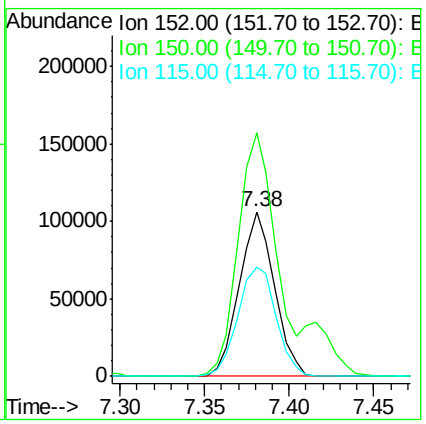


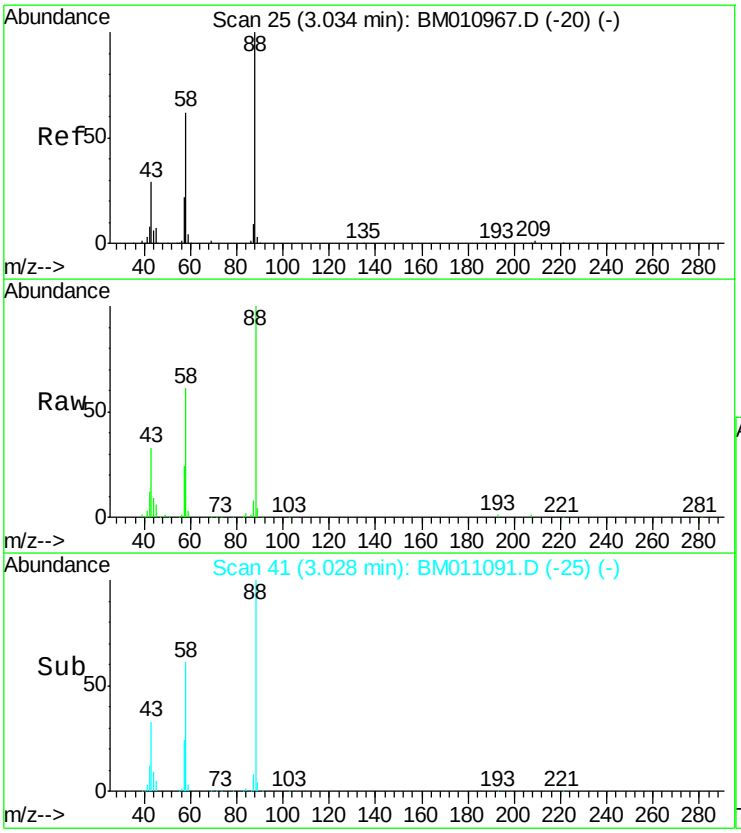

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:152 Resp: 153855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.9 | 119.5 | 179.3 |
| 115 | 66.1 | 43.0 | 64.4# |

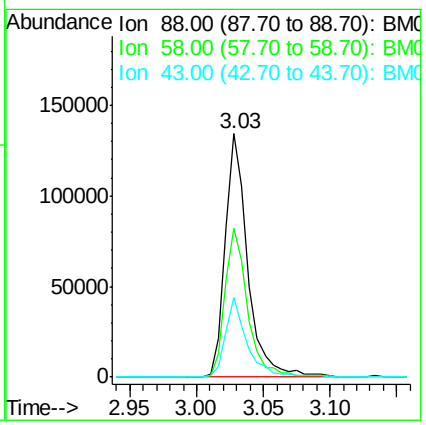


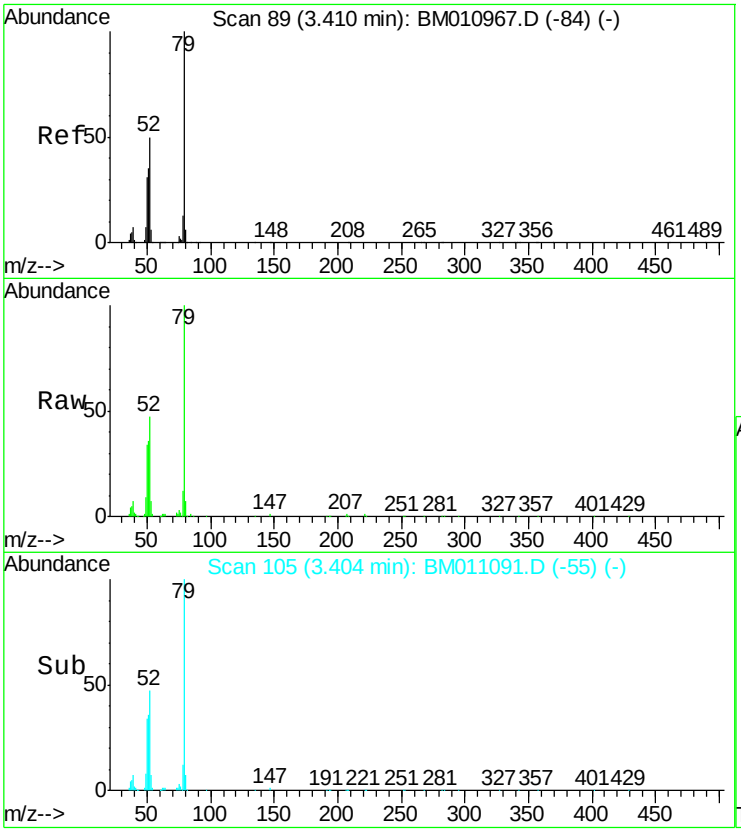




#2
1,4-Dioxane
Concen: 39.31 ng
RT: 3.03 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 88 Resp: 160654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 61.5 | 0.0 | 0.0# |
| 43 | 31.5 | 0.0 | 0.0# |



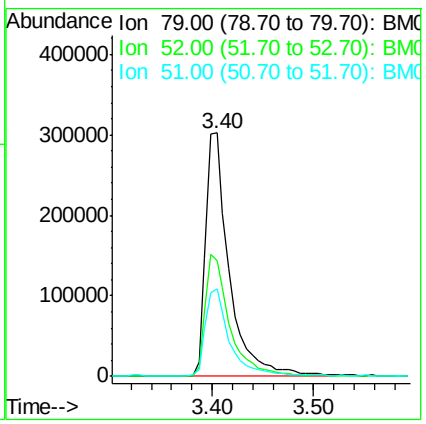


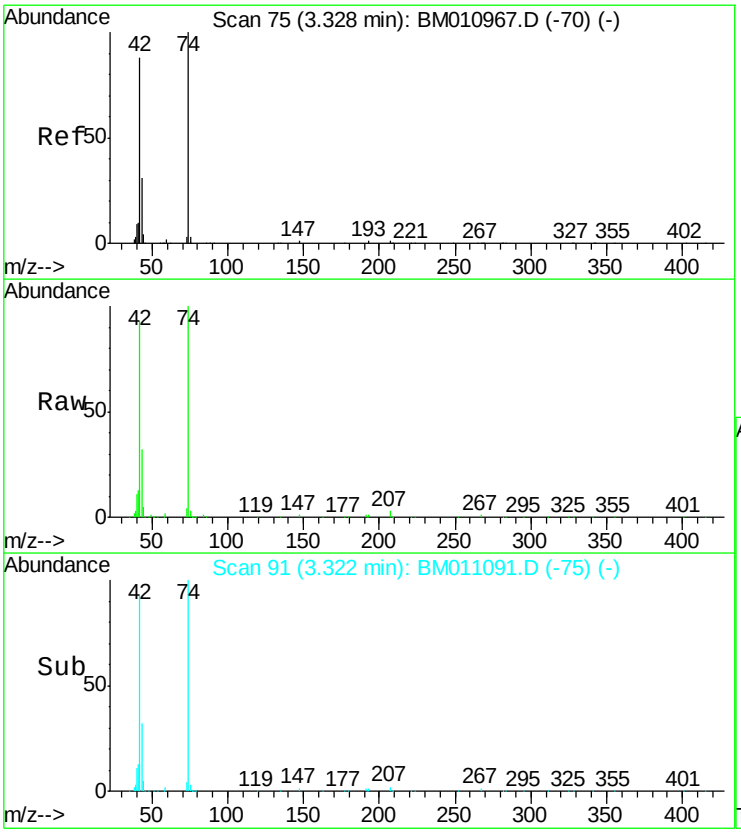

#3
Pyridine
Concen: 44.03 ng
RT: 3.40 min Scan# 105
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 79 Resp: 491454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 47.2 | 51.1 | 76.7# |
| 51 | 36.1 | 26.1 | 39.1 |

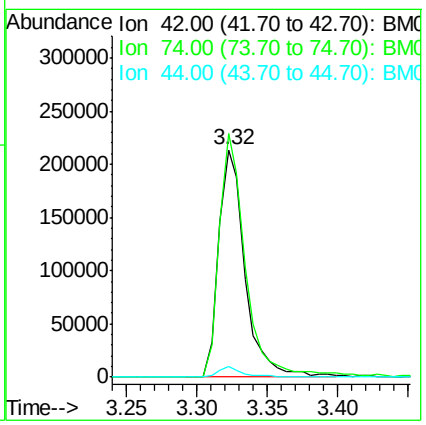


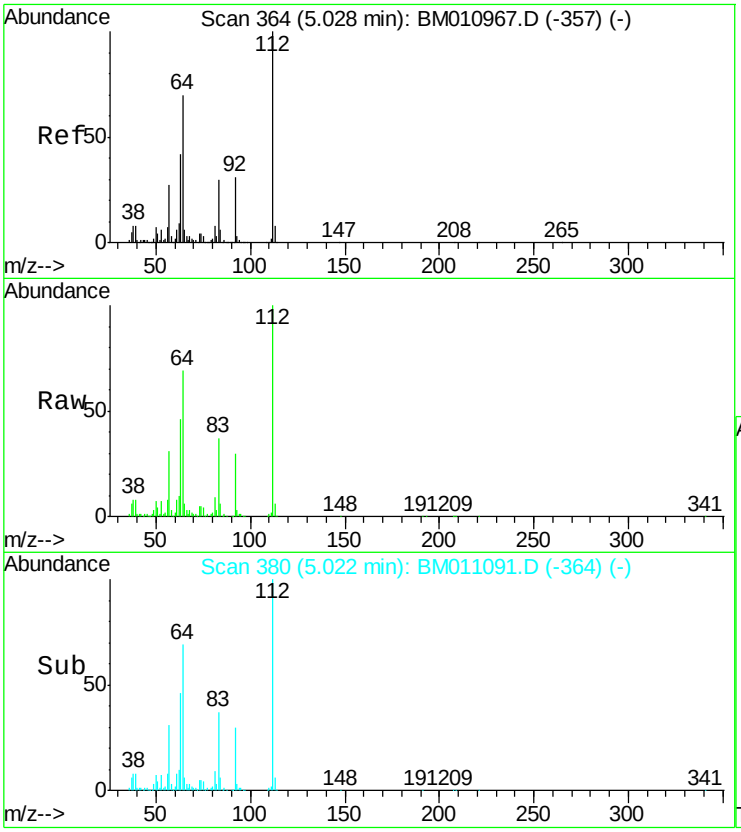




#4
n-Nitrosodimethylamine
Concen: 48.76 ng
RT: 3.32 min Scan# 91
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 42 Resp: 277377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 107.3 | 119.3 | 178.9# |
| 44 | 4.9 | 5.4 | 8.2# |



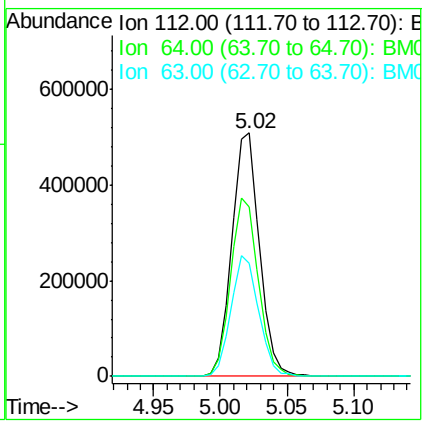


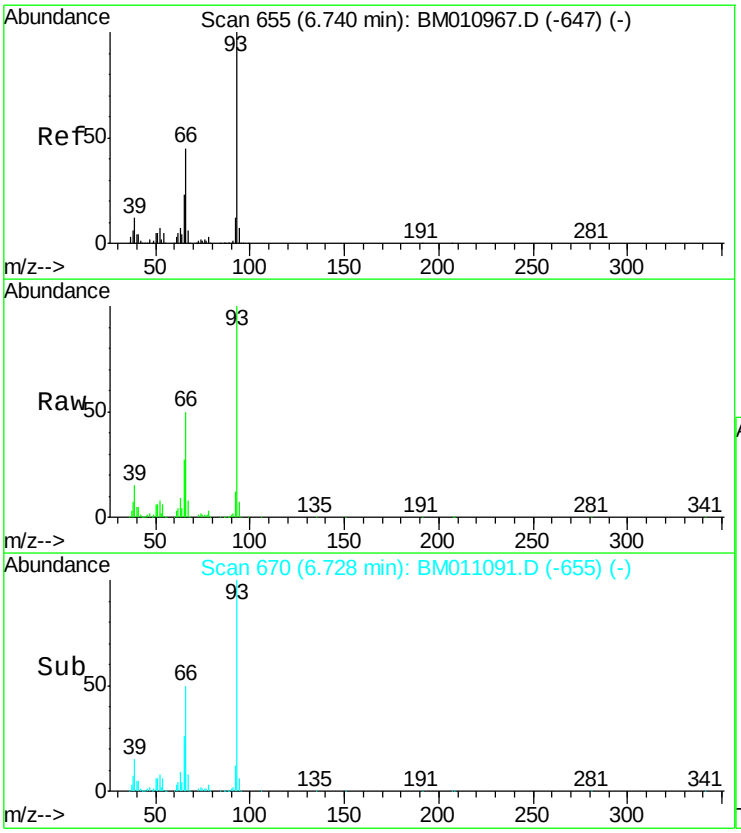

#5
2-Fluorophenol
Concen: 80.85 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:112 Resp: 735880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.4 | 38.6 | 57.8# |
| 63 | 46.2 | 19.3 | 28.9# |

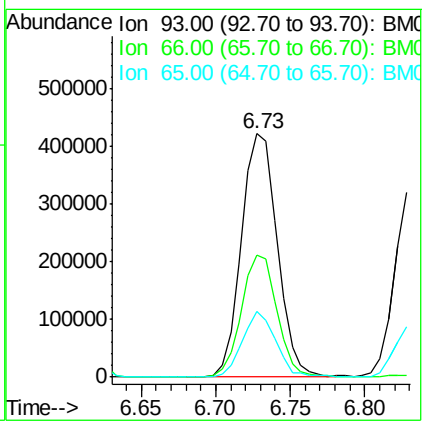


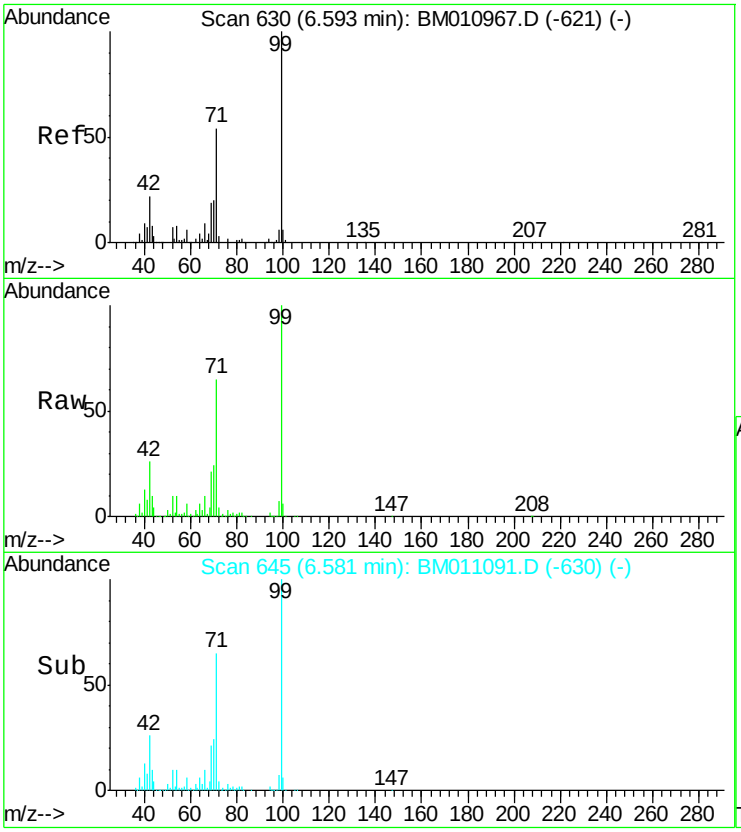




#6
Aniline
Concen: 43.10 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 93 Resp: 702524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 50.2 | 30.8 | 46.2# |
| 65 | 26.8 | 16.0 | 24.0# |



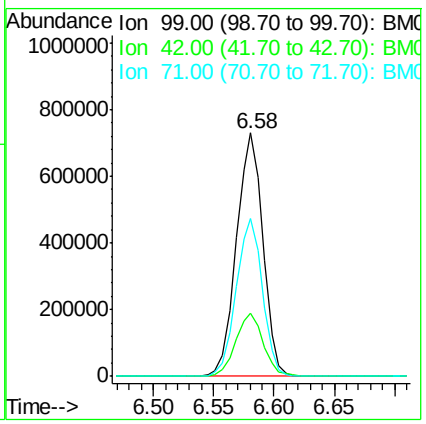


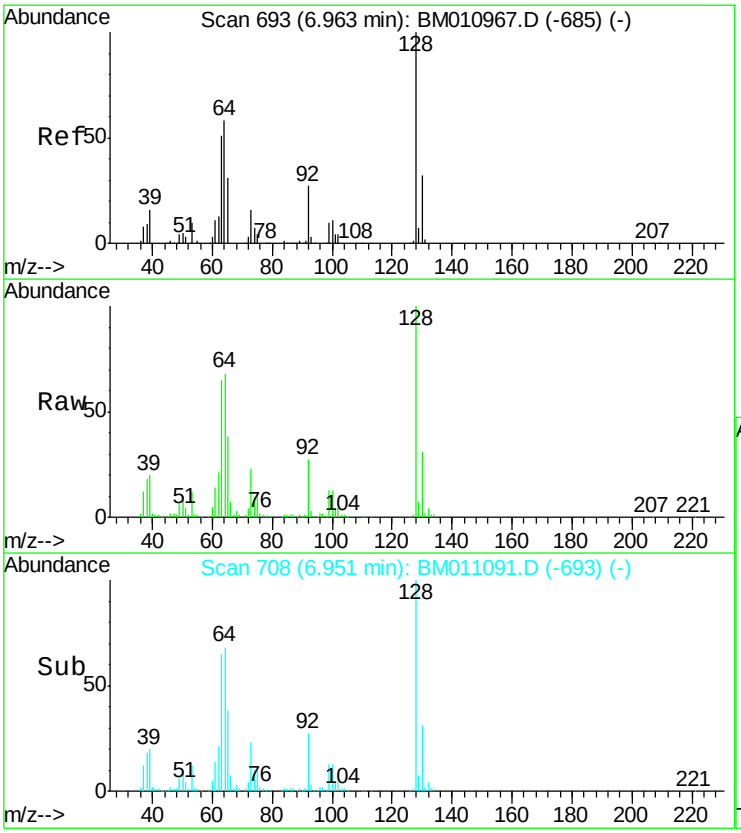

#7
Phenol-d6
Concen: 86.26 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 99 Resp: 1115447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.9 | 11.0 | 16.4# |
| 71 | 64.8 | 23.4 | 35.2# |

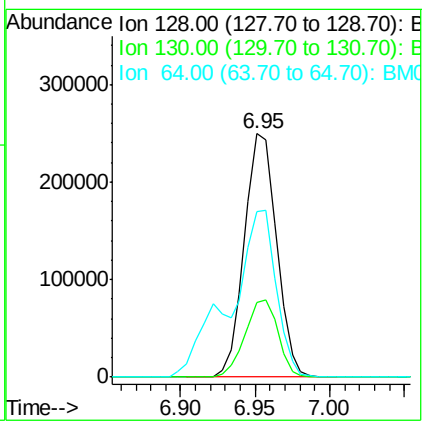


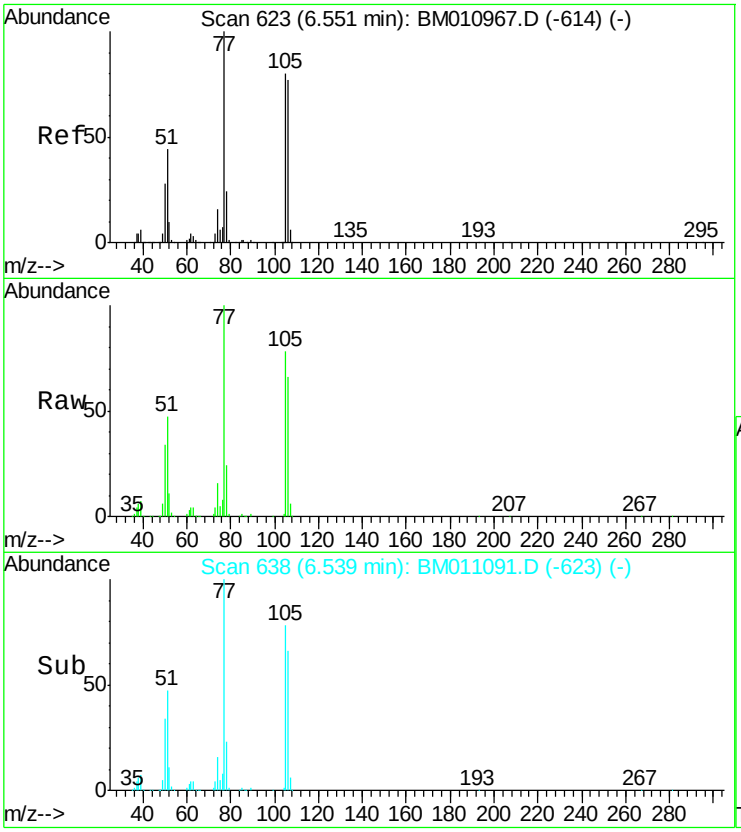




#8
2-Chlorophenol
Concen: 40.22 ng
RT: 6.95 min Scan# 708
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:128 Resp: 371687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.5 | 12.0 | 52.0 |
| 64 | 68.0 | 24.9 | 64.9# |



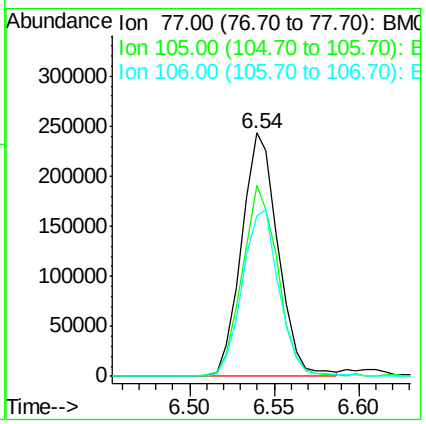


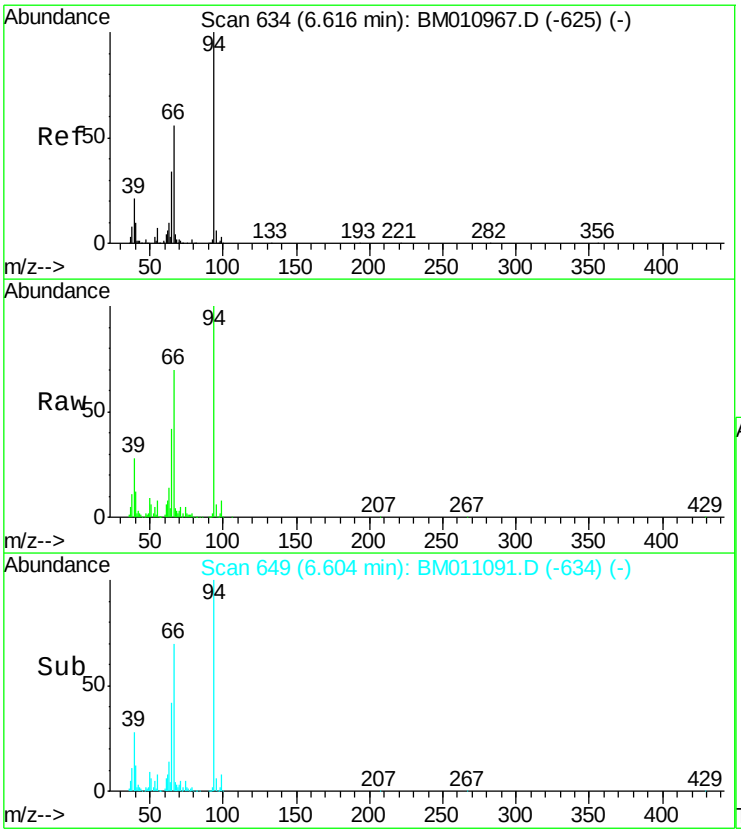

#9
Benzaldehyde
Concen: 43.56 ng
RT: 6.54 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 77 Resp: 364462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 78.3 | 78.8 | 118.8# |
| 106 | 66.1 | 73.7 | 113.7# |

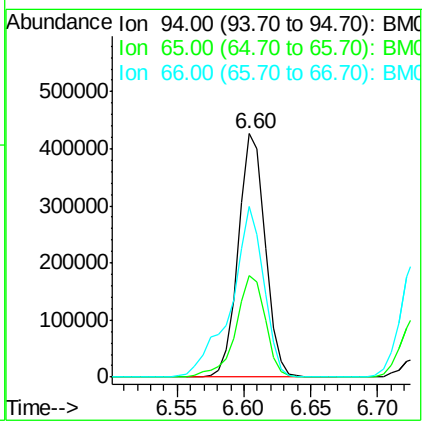


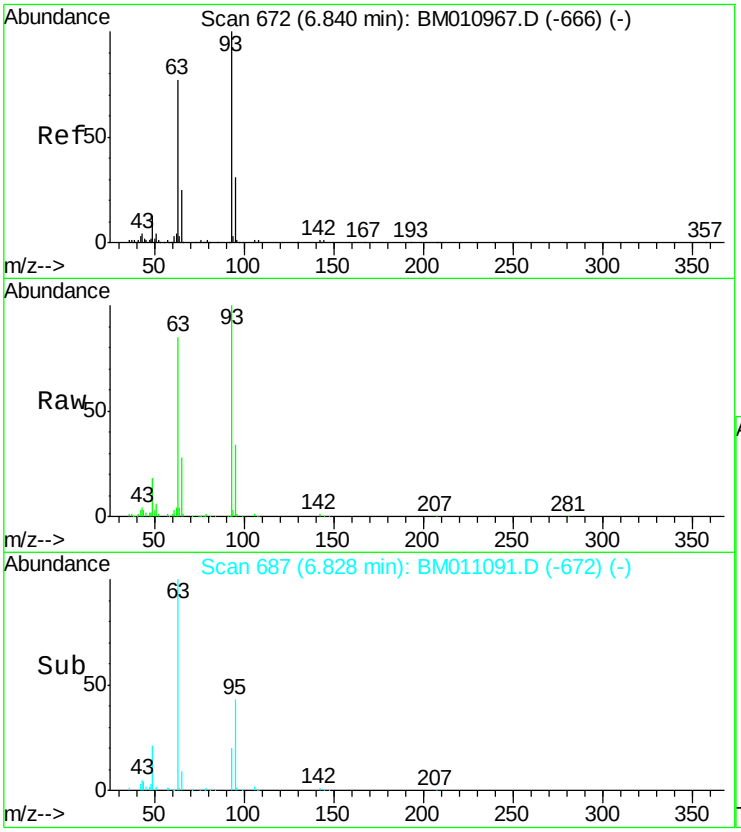




#10
Phenol
Concen: 42.25 ng
RT: 6.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 94 Resp: 593381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.9 | 18.8 | 58.8 |
| 66 | 69.8 | 39.9 | 79.9 |



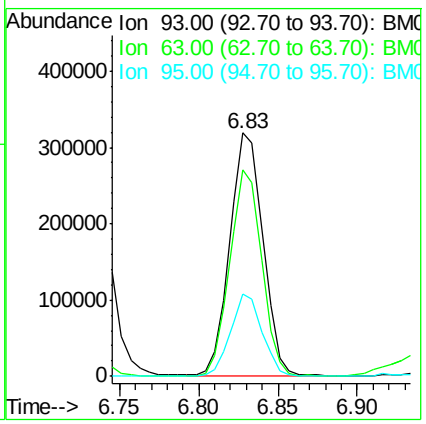


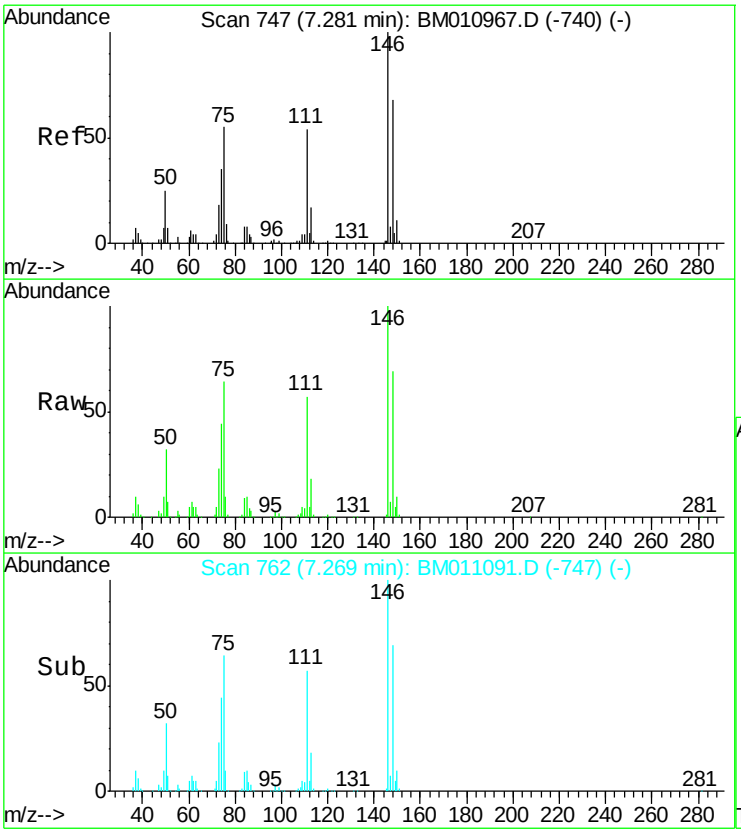

#11
bis(2-Chloroethyl)ether
Concen: 42.32 ng
RT: 6.83 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 93 Resp: 463198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.0 | 49.5 | 89.5 |
| 95 | 33.6 | 13.5 | 53.5 |

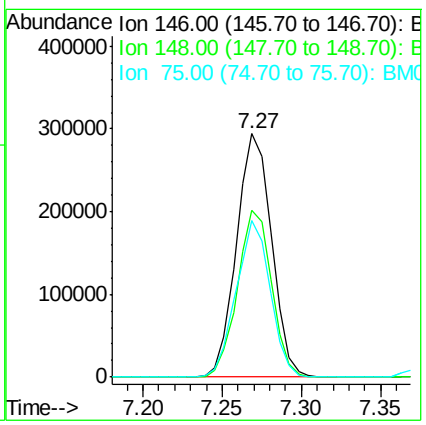


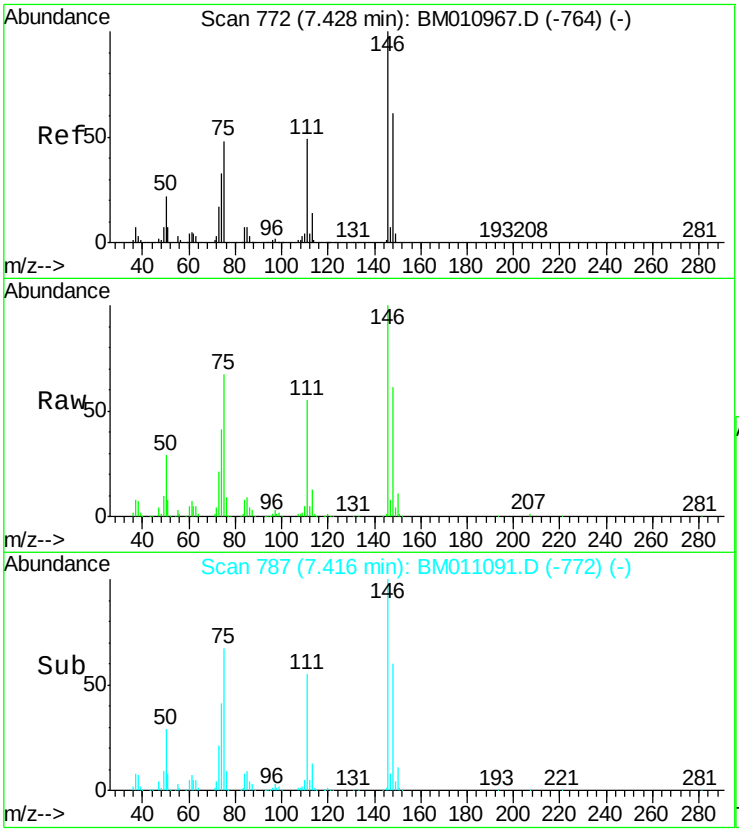




#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:146 Resp: 450631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.7 | 50.9 | 76.3 |
| 75 | 64.2 | 21.4 | 32.2# |



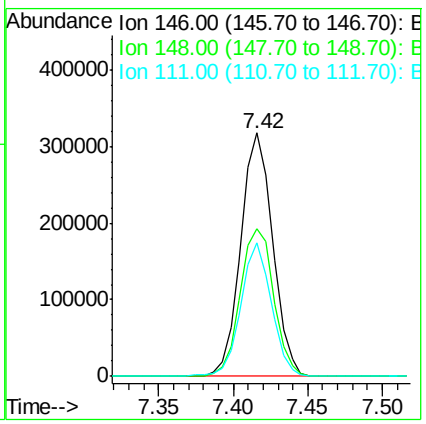


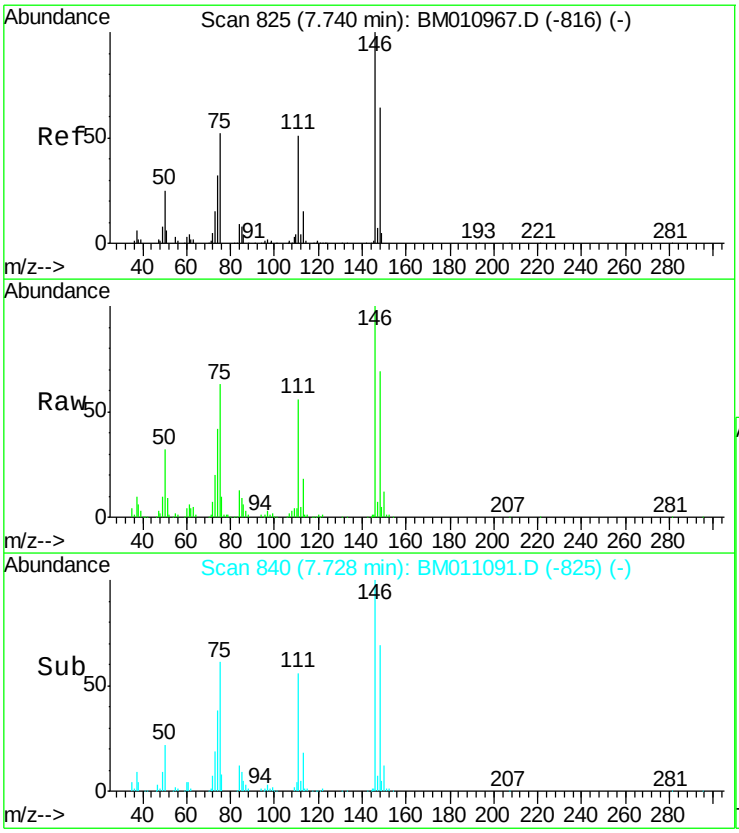

#13
1,4-Dichlorobenzene
Concen: 40.74 ng
RT: 7.42 min Scan# 787
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:146 Resp: 470329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 60.6 | 51.9 | 77.9 |
| 111 | 54.7 | 29.2 | 43.8# |

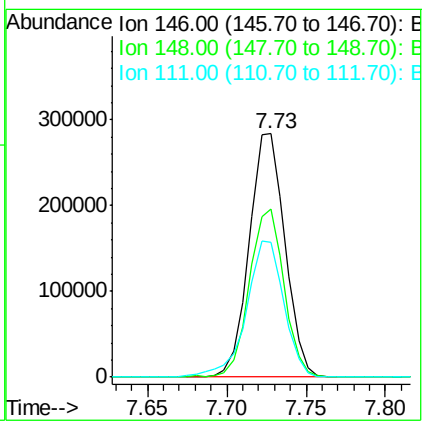


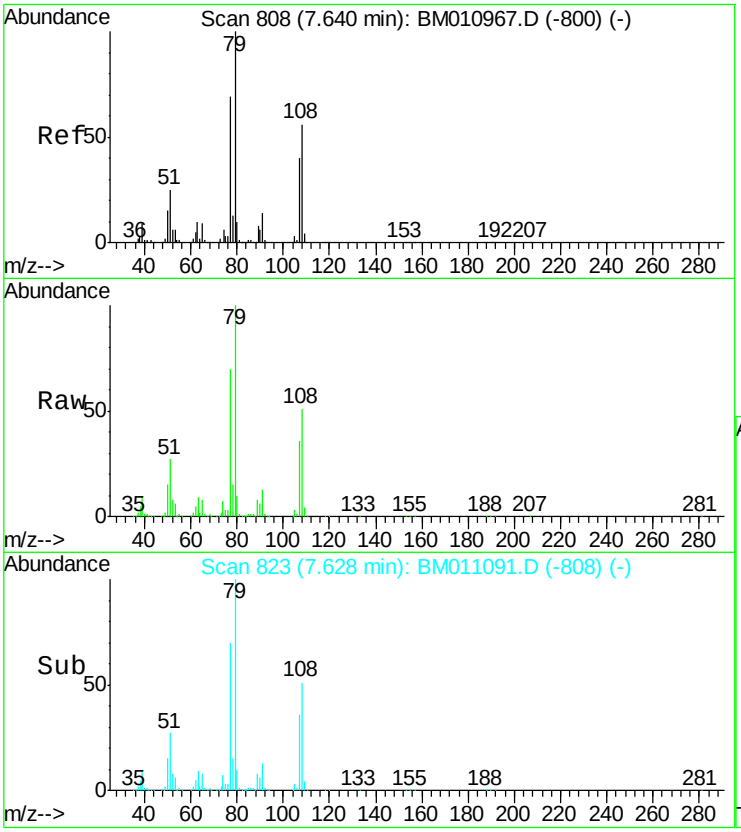




#14
1,2-Dichlorobenzene
Concen: 40.45 ng
RT: 7.73 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:146 Resp: 446439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.3 | 52.3 | 78.5 |
| 111 | 55.5 | 30.6 | 45.8# |



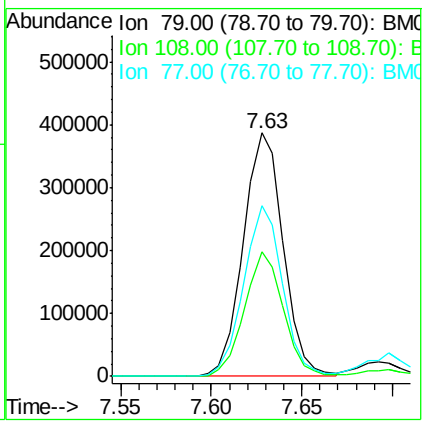


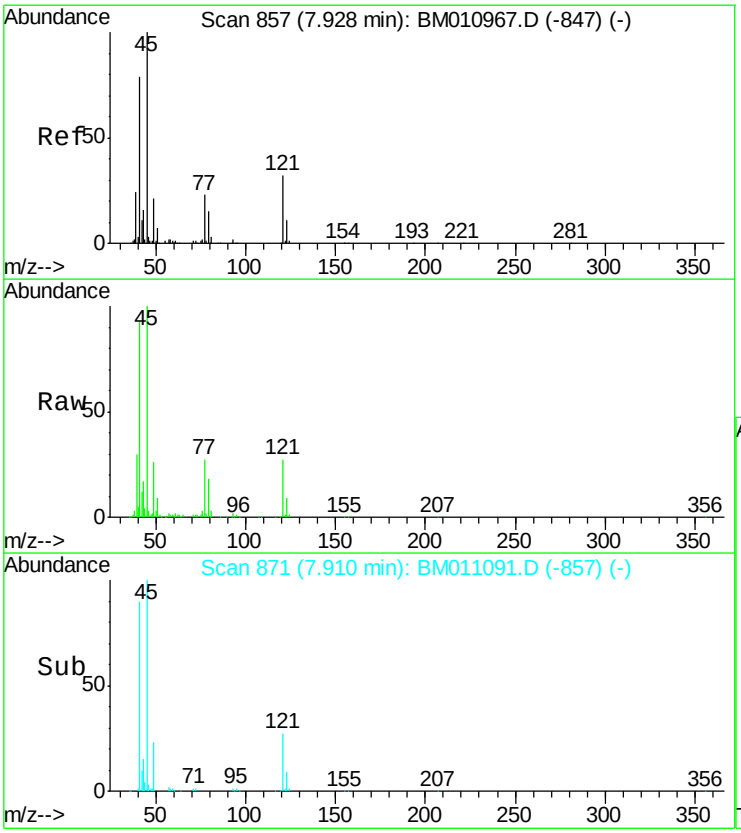

#15
Benzyl Alcohol
Concen: 47.78 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 79 Resp: 592768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 51.0 | 65.0 | 97.4# |
| 77 | 69.8 | 53.0 | 79.6 |

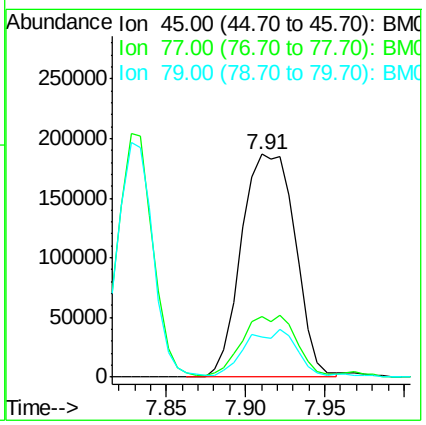


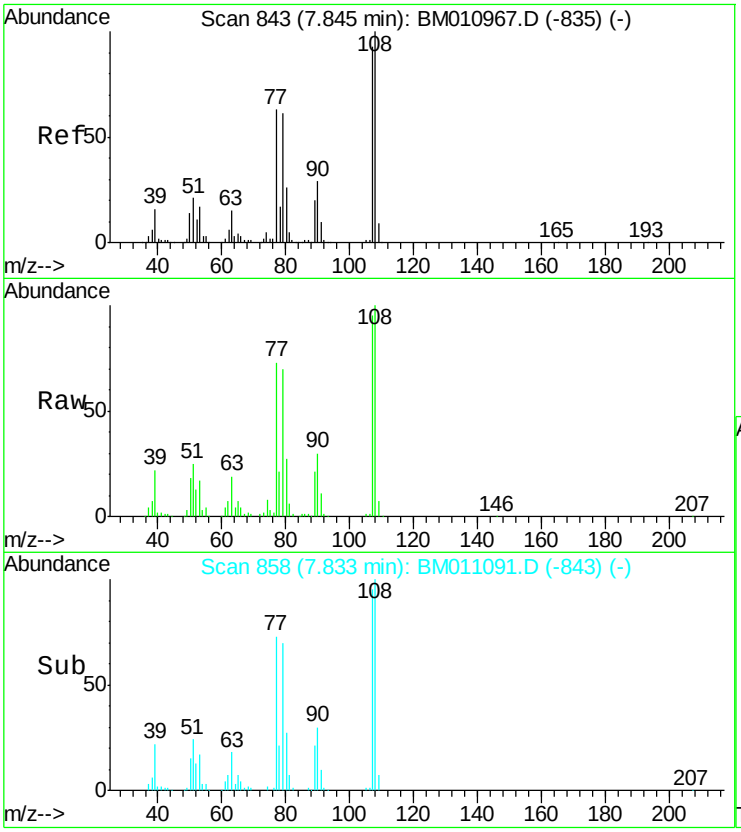




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.71 ng
RT: 7.91 min Scan# 871
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 45 Resp: 440322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 27.0 | 0.0 | 35.2 |
| 79 | 17.8 | 0.0 | 32.0 |



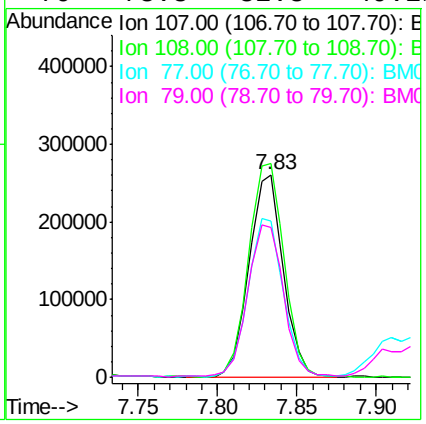


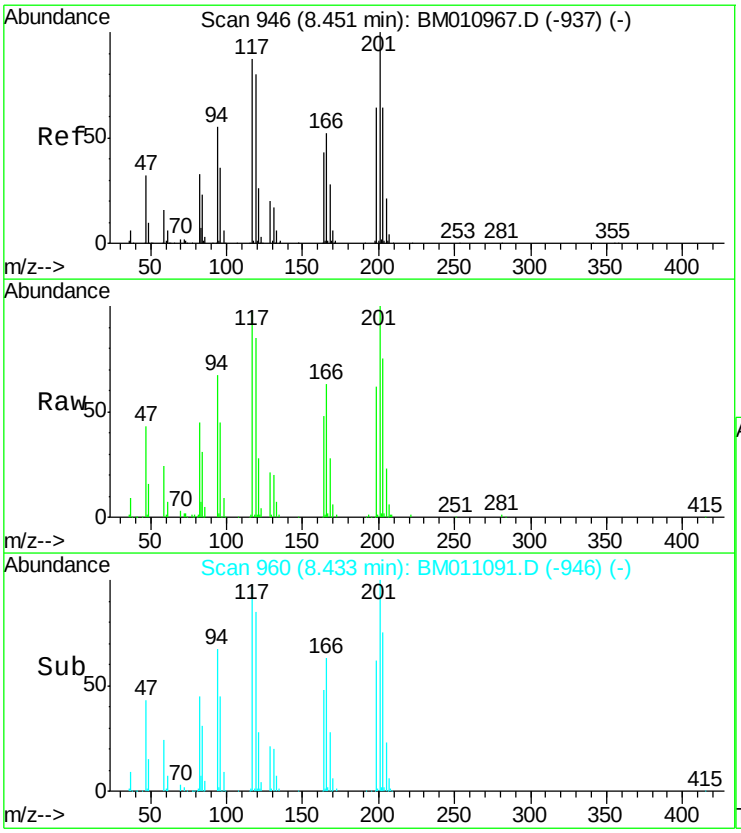

#17
2-Methylphenol
Concen: 43.72 ng
RT: 7.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:107 Resp: 392497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 105.3 | 89.8 | 134.8 |
| 77 | 77.3 | 32.6 | 48.8# |
| 79 | 73.8 | 32.8 | 49.2# |

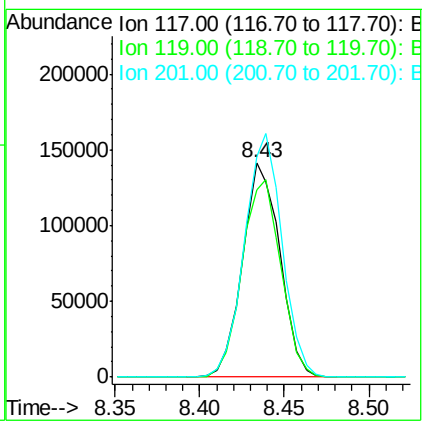


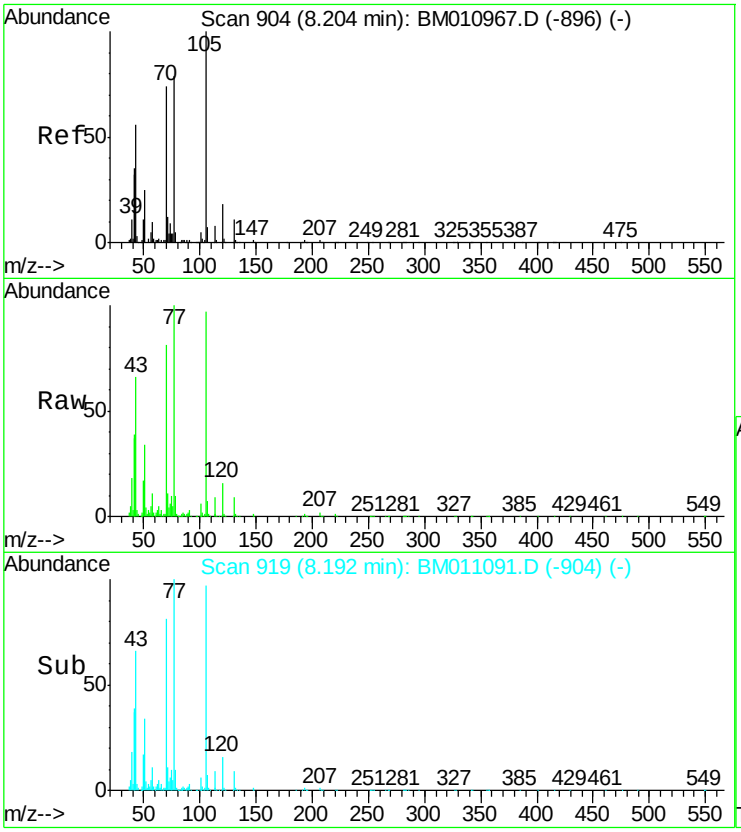




#18
Hexachloroethane
Concen: 43.17 ng
RT: 8.43 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:117 Resp: 217296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 87.1 | 79.2 | 118.8 |
| 201 | 102.9 | 69.8 | 104.6 |



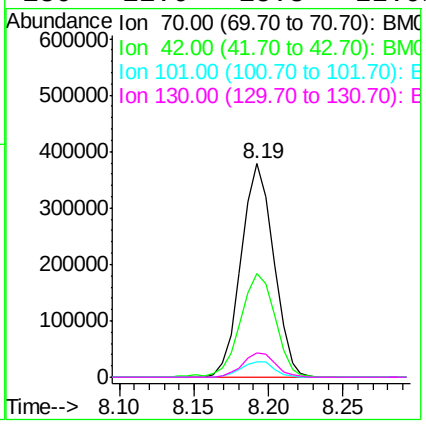


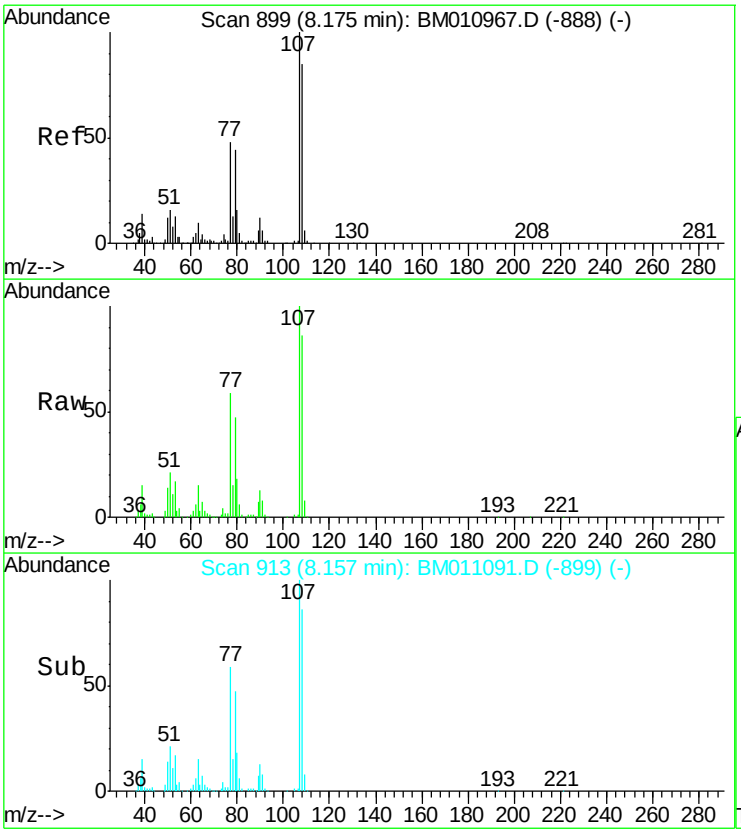

#19
n-Nitroso-di-n-propylamine
Concen: 52.21 ng
RT: 8.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 70 Resp: 573733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.5 | 44.5 | 66.7 |
| 101 | 7.3 | 7.4 | 11.2# |
| 130 | 11.6 | 15.3 | 22.9# |

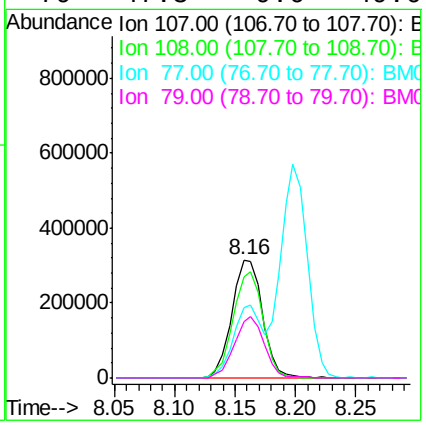


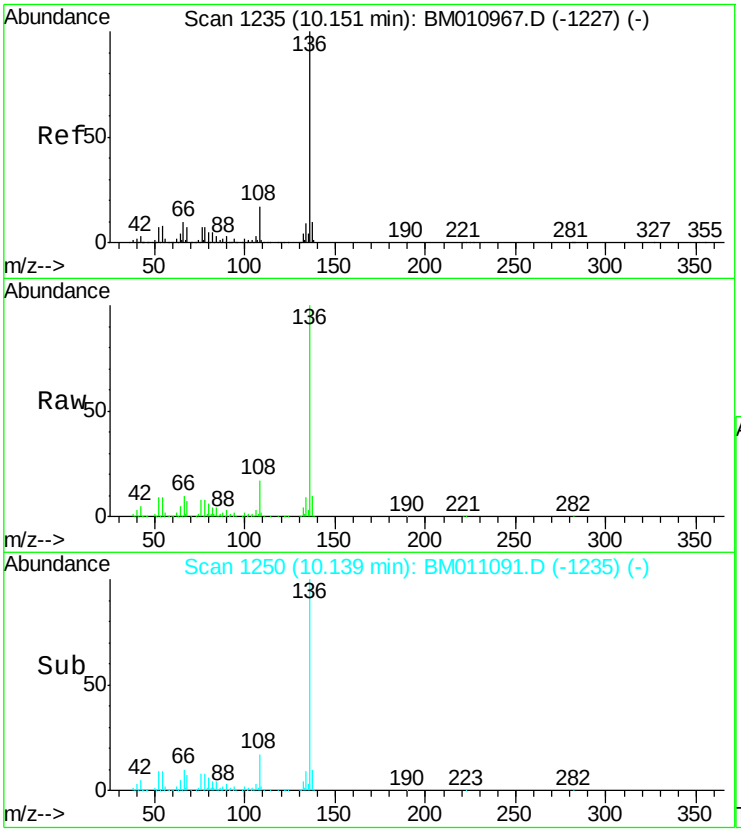




#20
3+4-Methylphenols
Concen: 44.79 ng
RT: 8.16 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:107 Resp: 558948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.0 | 73.2 | 113.2 |
| 77 | 59.5 | 10.7 | 50.7# |
| 79 | 47.3 | 9.6 | 49.6 |



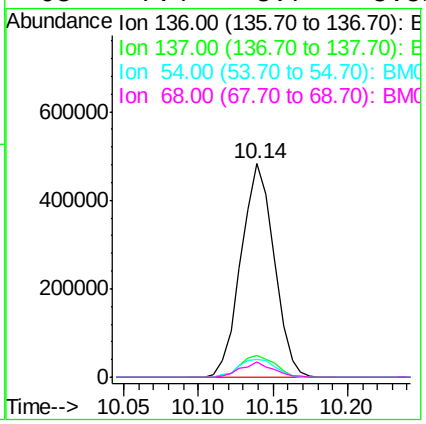


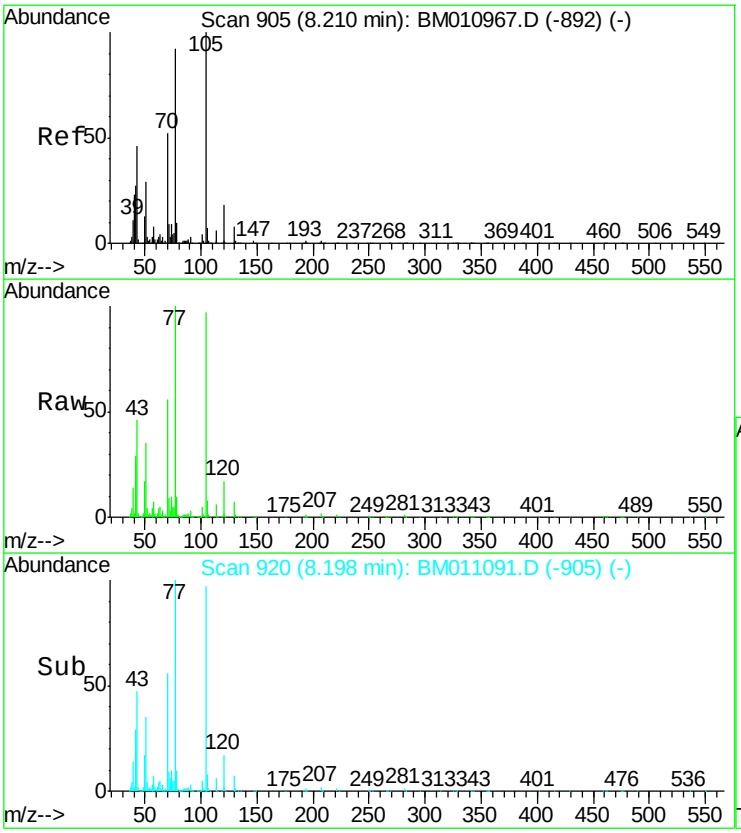

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:136 Resp: 741373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.7 | 13.1 |
| 54 | 8.6 | 4.6 | 6.8# |
| 68 | 7.4 | 3.7 | 5.5# |

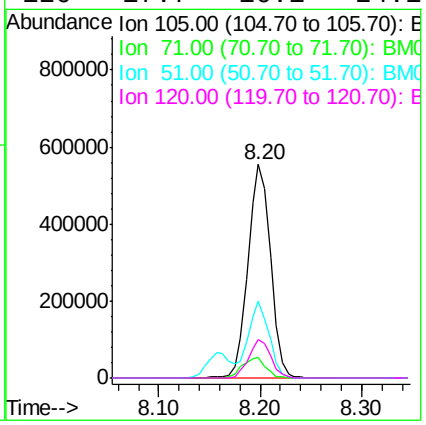


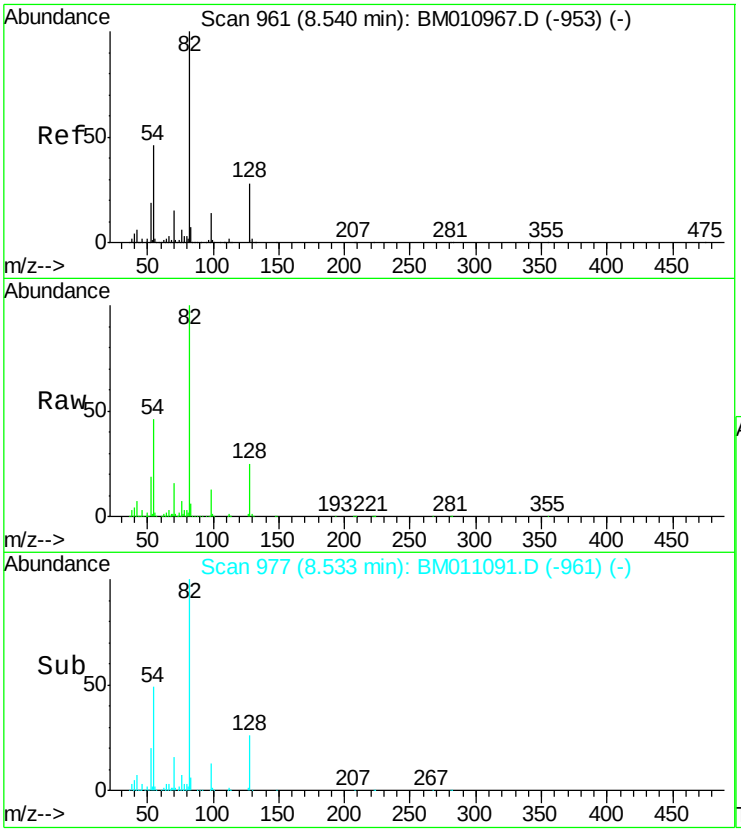




#22
Acetophenone
Concen: 38.51 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:105 Resp: 855721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.4 | 0.6 | 1.0# |
| 51 | 35.7 | 21.6 | 32.4# |
| 120 | 17.7 | 16.1 | 24.1 |



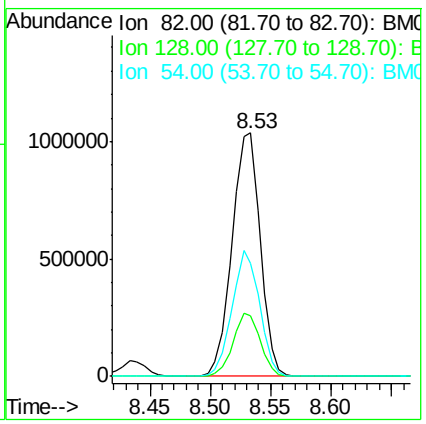


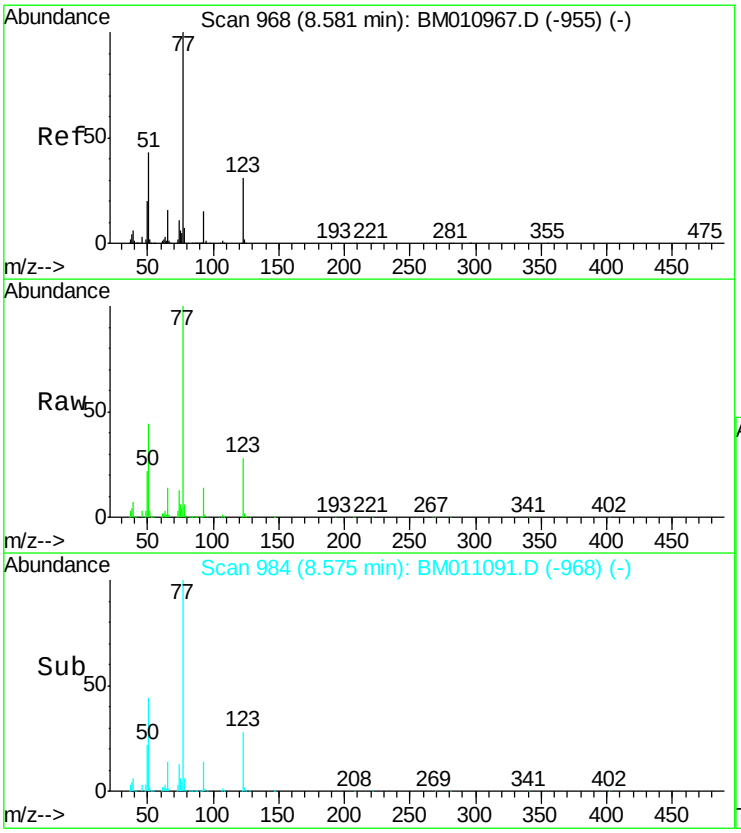

#23
Nitrobenzene-d5
Concen: 85.63 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 82 Resp: 1691422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 24.7 | 32.8 | 49.2# |
| 54 | 46.4 | 40.6 | 60.8 |

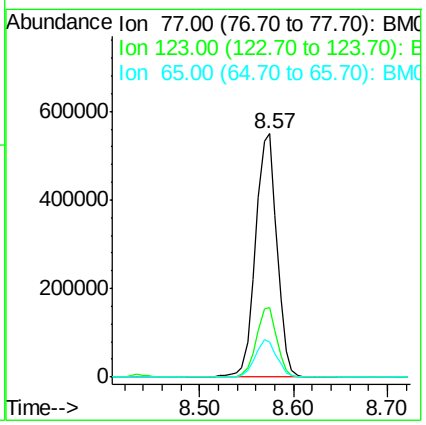


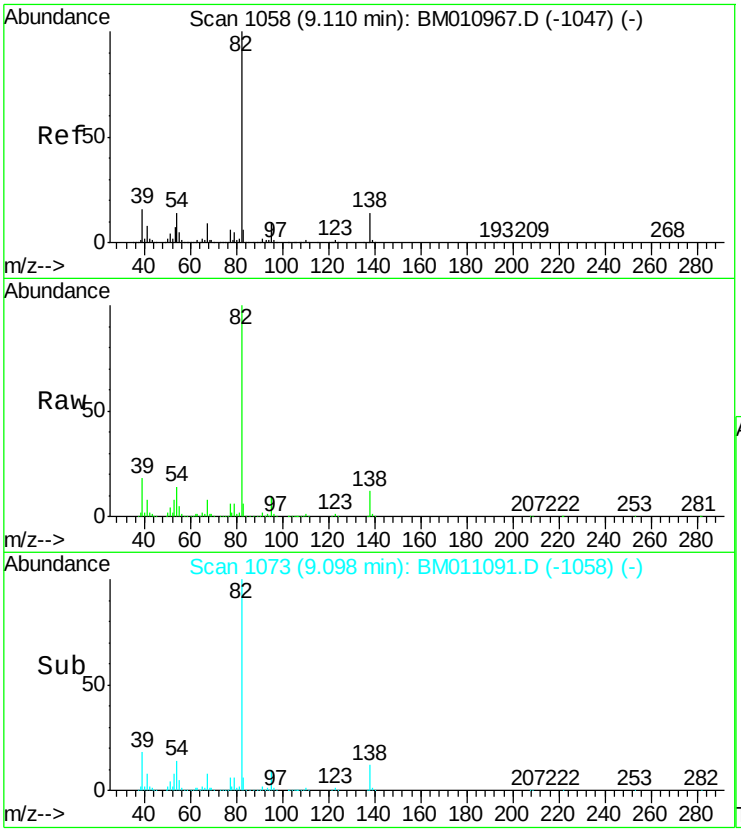




#24
Nitrobenzene
Concen: 42.29 ng
RT: 8.57 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 77 Resp: 865588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 28.4 | 32.6 | 49.0# |
| 65 | 14.3 | 10.9 | 16.3 |



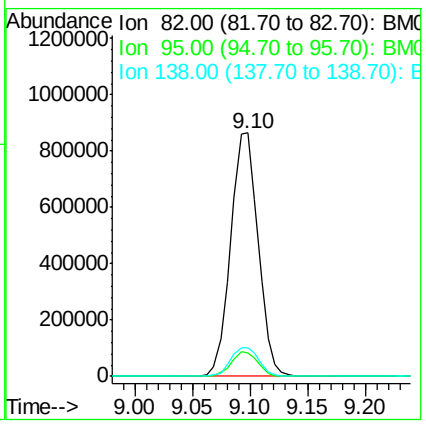


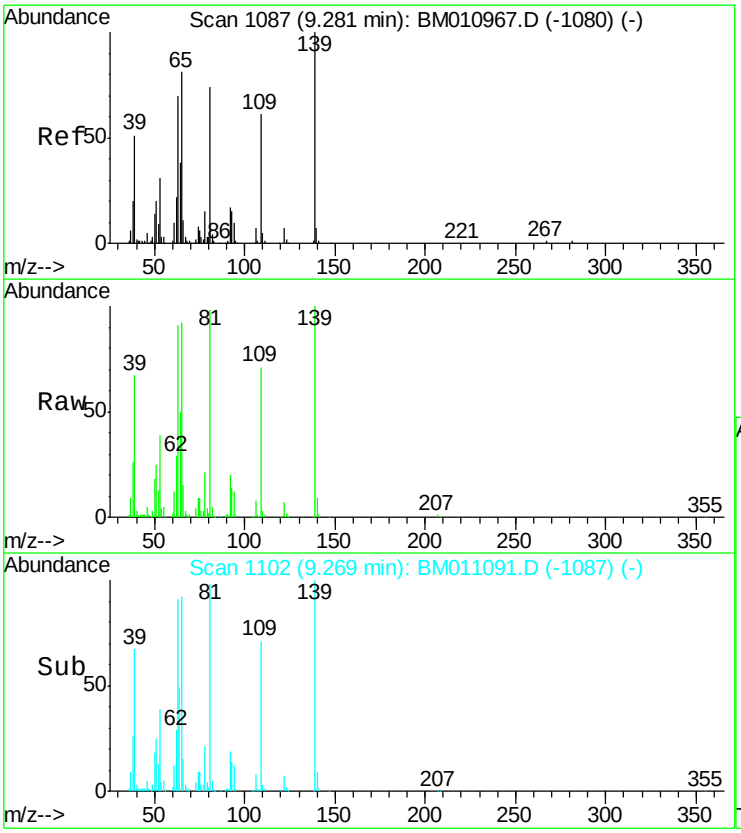

#25
Isophorone
Concen: 43.25 ng
RT: 9.10 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 82 Resp: 1424596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.9 | 5.8 | 8.6# |
| 138 | 11.9 | 16.3 | 24.5# |

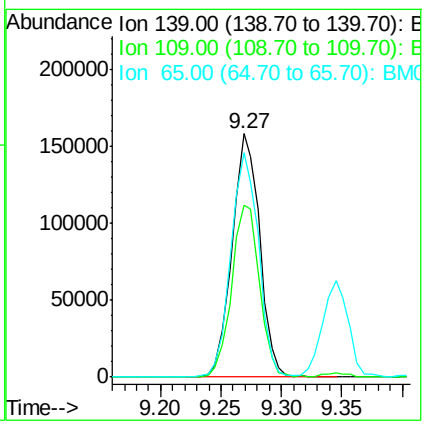


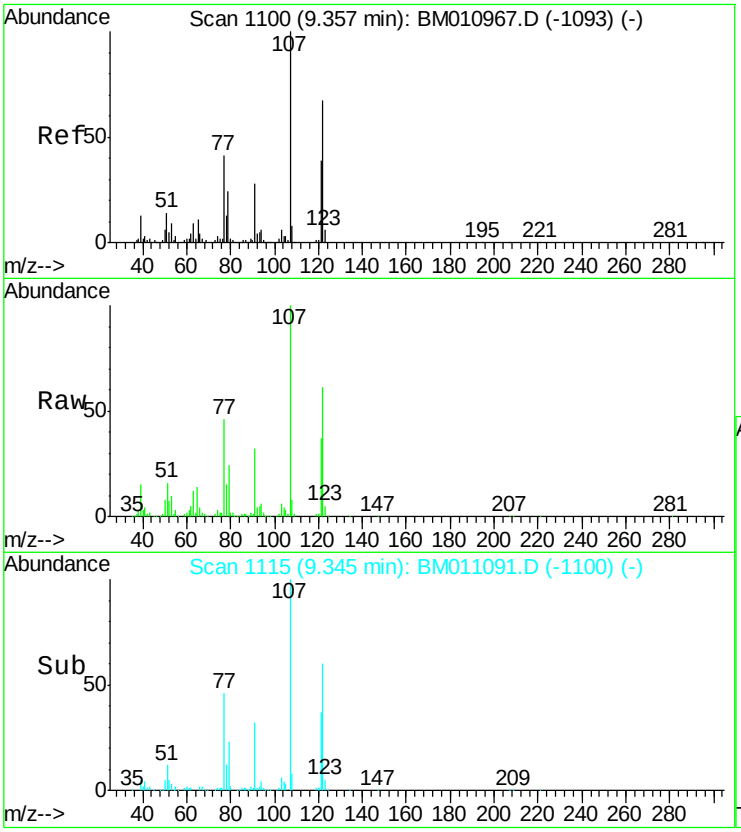




#26
2-Nitrophenol
Concen: 38.76 ng
RT: 9.27 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:139 Resp: 252429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.8 | 20.1 | 30.1# |
| 65 | 91.9 | 31.5 | 47.3# |



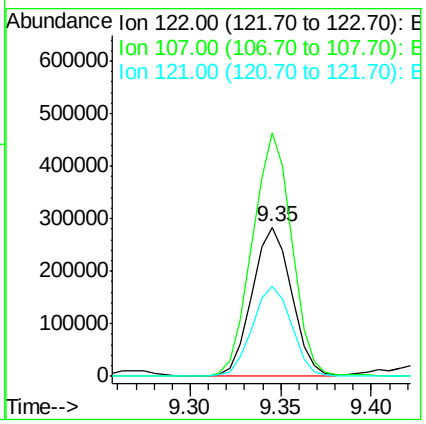


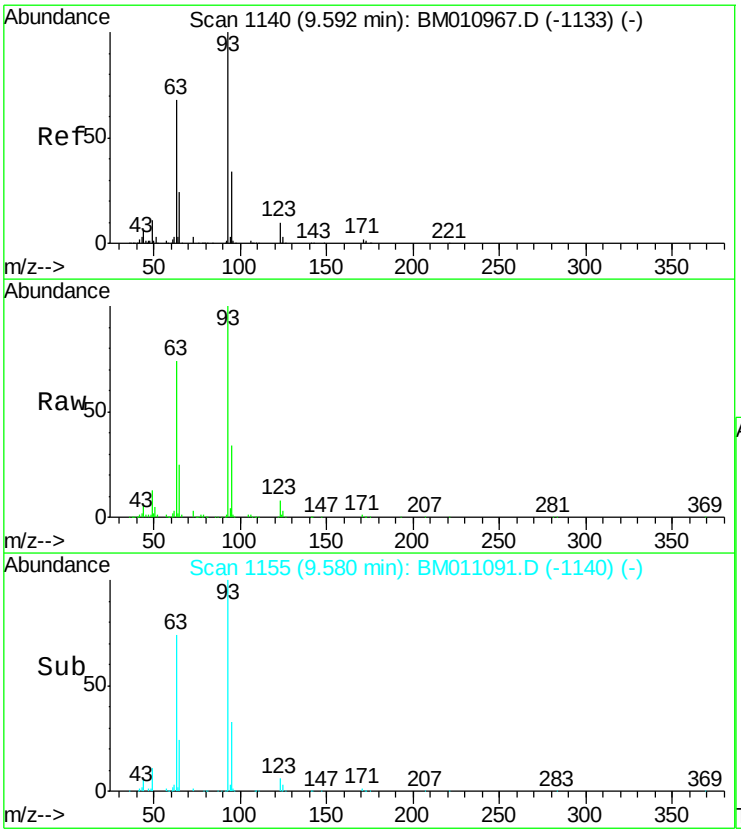

#27
2,4-Dimethylphenol
Concen: 37.41 ng
RT: 9.35 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:122 Resp: 428873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 162.9 | 84.7 | 127.1# |
| 121 | 60.3 | 46.6 | 69.8 |

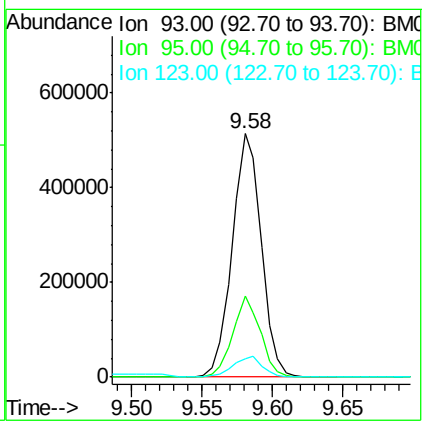


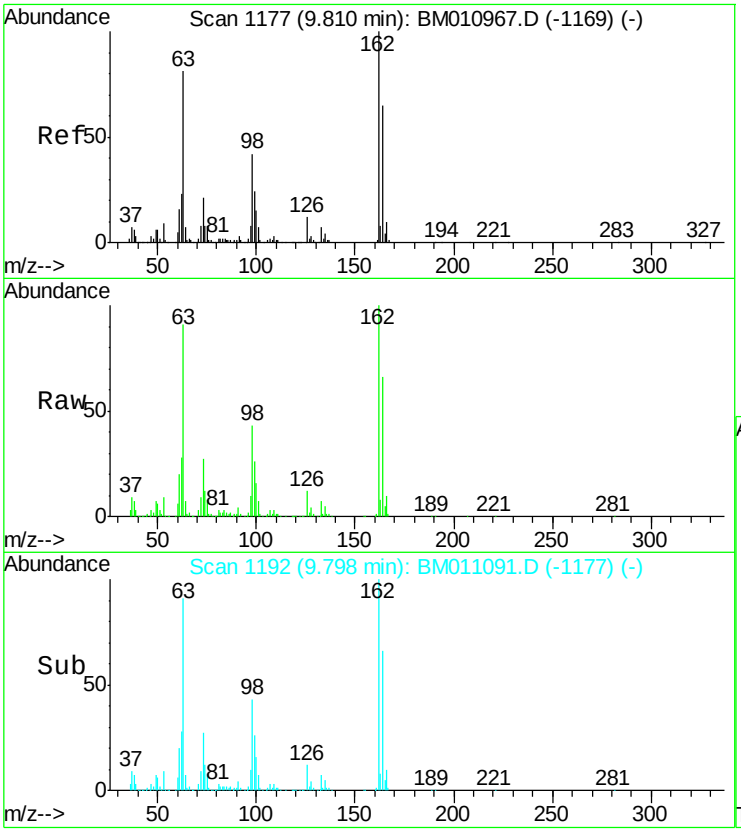




#28
bis(2-Chloroethoxy)methane
Concen: 40.10 ng
RT: 9.58 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 93 Resp: 736584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.5 | 25.5 | 38.3 |
| 123 | 7.7 | 8.6 | 13.0# |



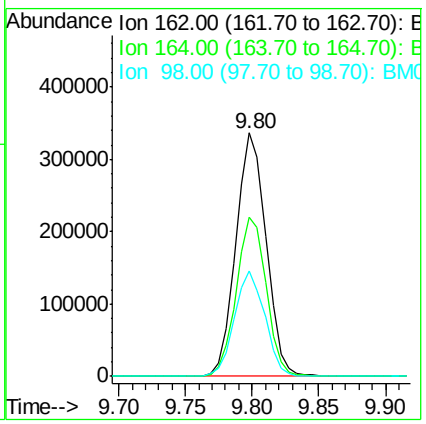


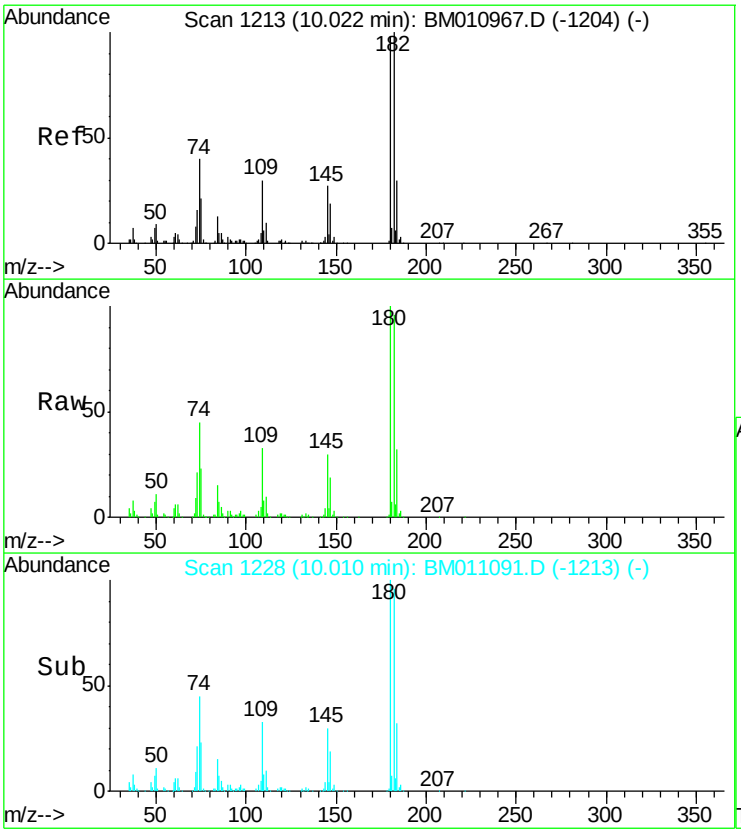

#29
2,4-Dichlorophenol
Concen: 40.91 ng
RT: 9.80 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:162 Resp: 527129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.5 | 42.8 | 82.8 |
| 98 | 43.4 | 14.5 | 54.5 |

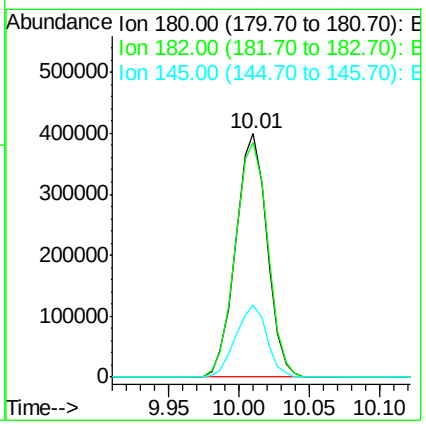


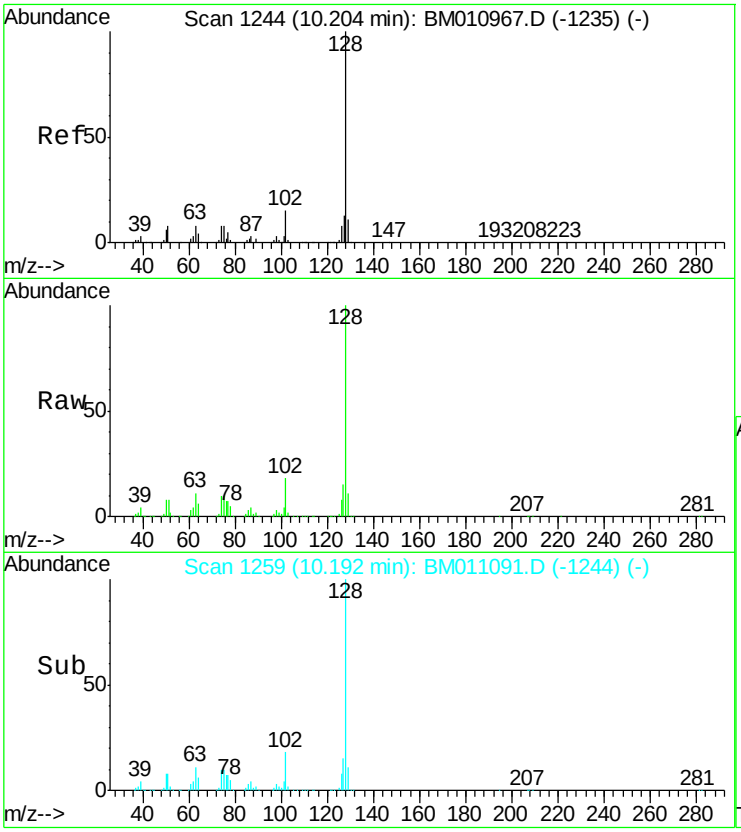




#30
1,2,4-Trichlorobenzene
Concen: 38.97 ng
RT: 10.01 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:180 Resp: 620738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.3 | 77.6 | 116.4 |
| 145 | 29.8 | 23.4 | 35.2 |



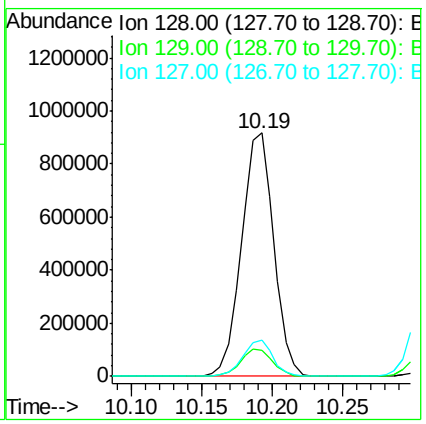


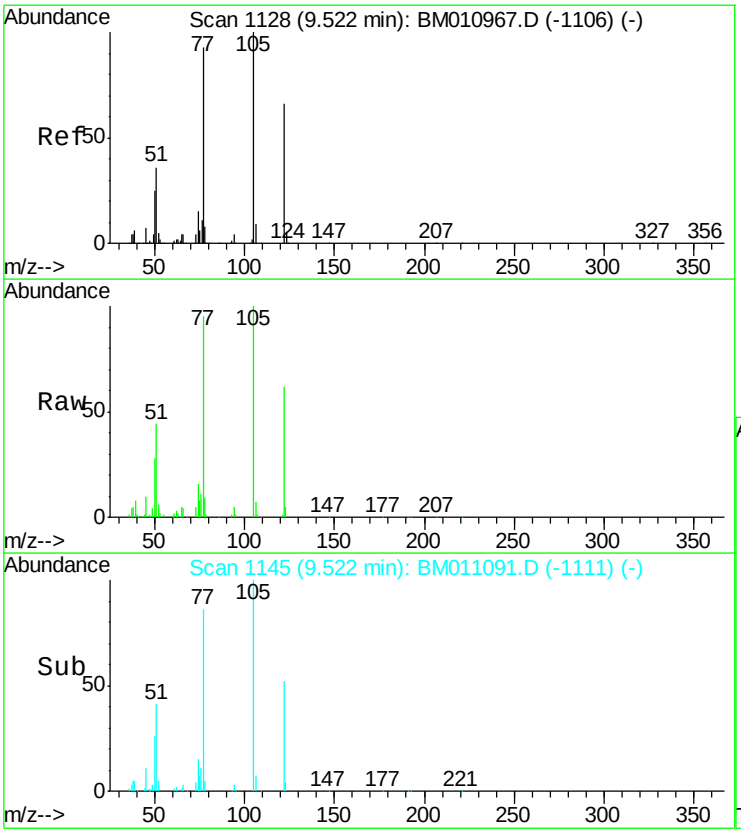

#31
Naphthalene
Concen: 39.35 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:128 Resp: 1467528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.9 | 13.3 |
| 127 | 14.8 | 10.4 | 15.6 |

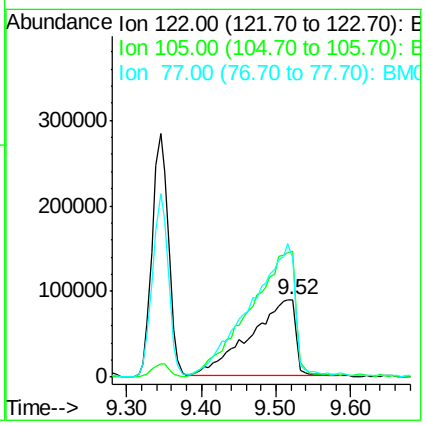


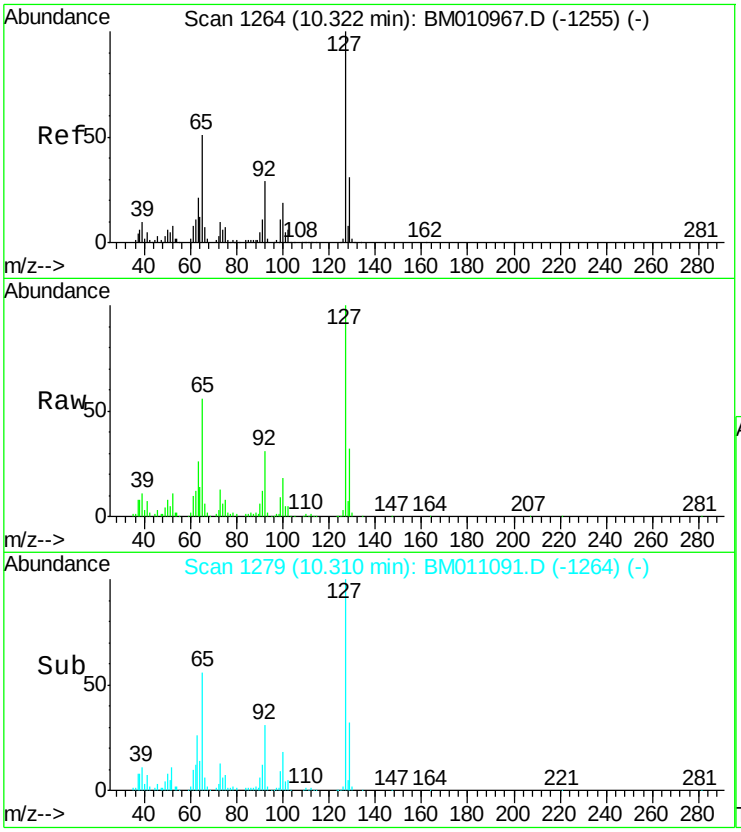




#32
Benzoic acid
Concen: 41.00 ng
RT: 9.52 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:122 Resp: 377869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 162.1 | 99.9 | 139.9# |
| 77 | 154.1 | 73.7 | 113.7# |



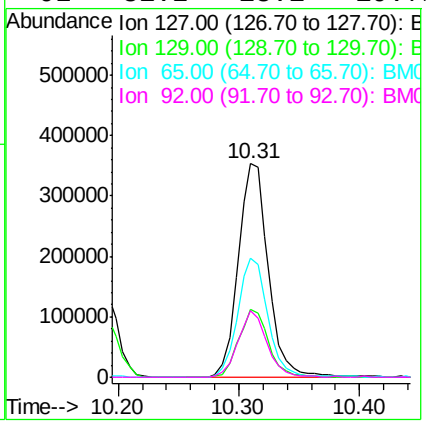


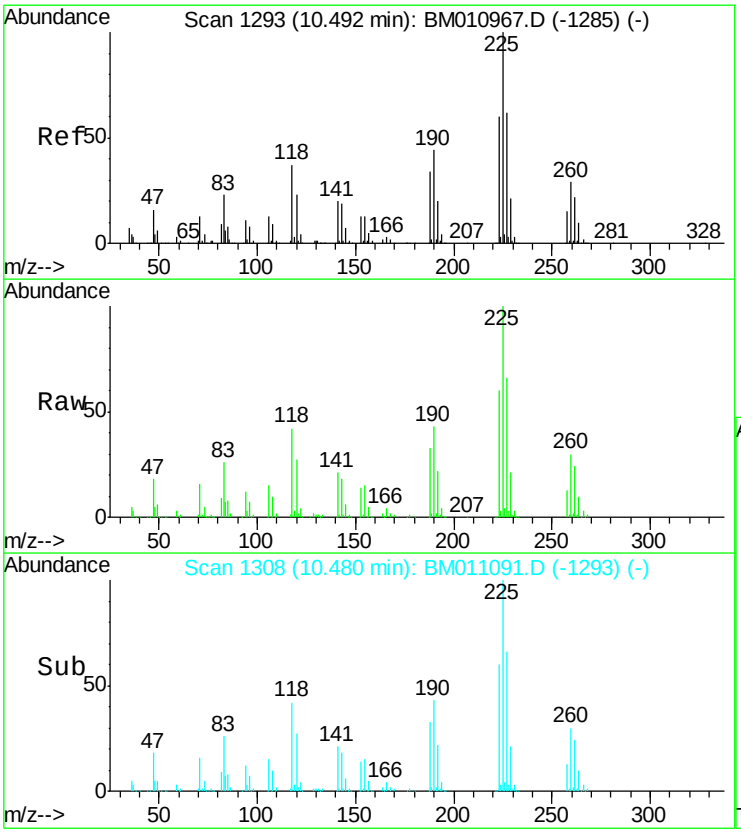

#33
4-Chloroaniline
Concen: 41.13 ng
RT: 10.31 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:127 Resp: 611980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 25.3 | 37.9 |
| 65 | 55.5 | 17.6 | 26.4# |
| 92 | 31.2 | 13.1 | 19.7# |

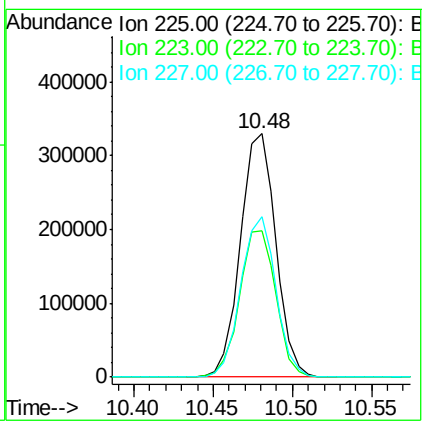


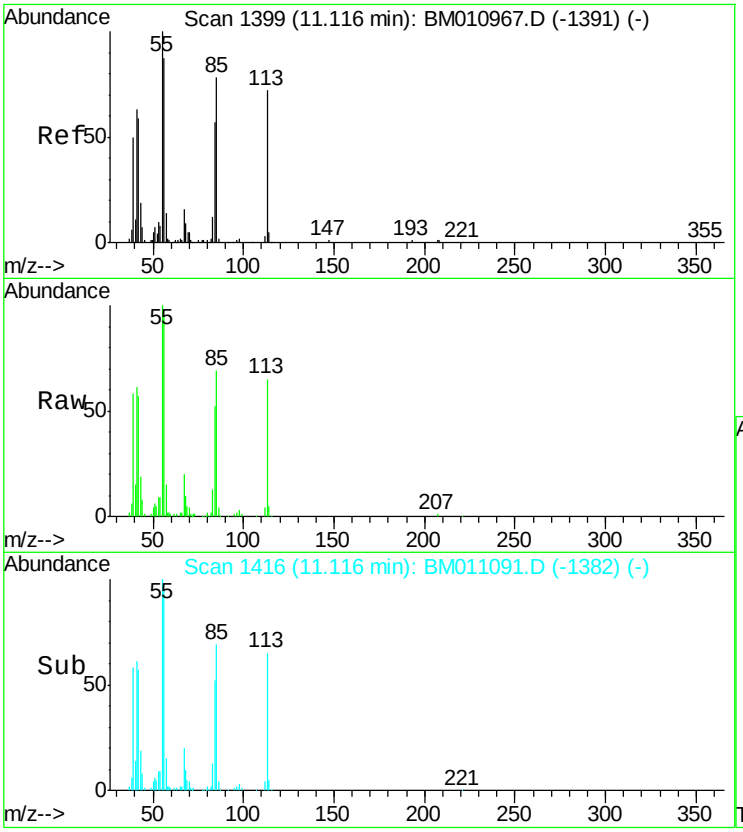




#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 10.48 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:225 Resp: 513546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.1 | 47.9 | 71.9 |
| 227 | 66.0 | 50.1 | 75.1 |



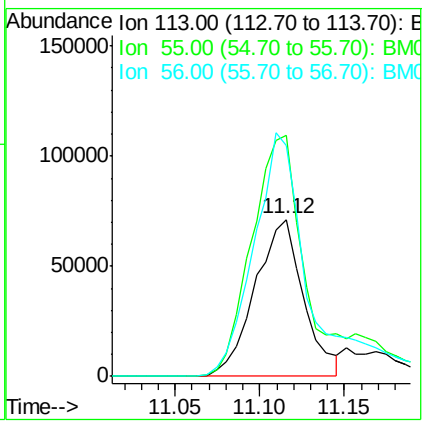


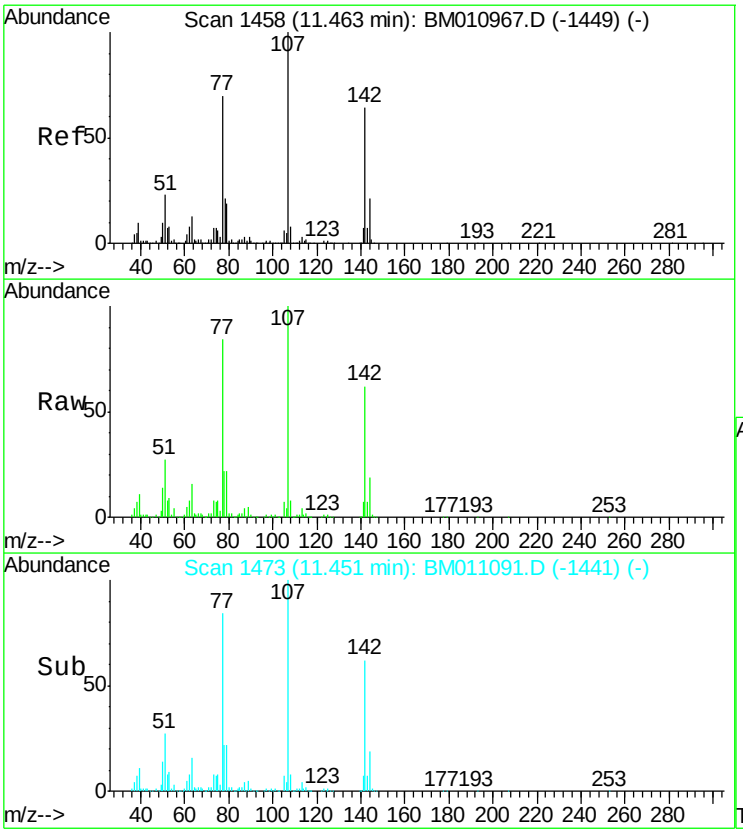

#35
Caprolactam
Concen: 38.81 ng
RT: 11.12 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:113 Resp: 141783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 153.5 | 145.9 | 185.9 |
| 56 | 147.0 | 101.0 | 141.0# |

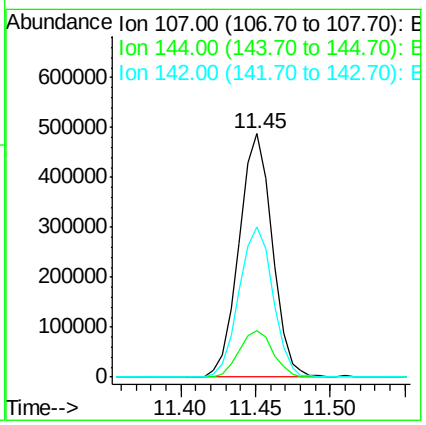


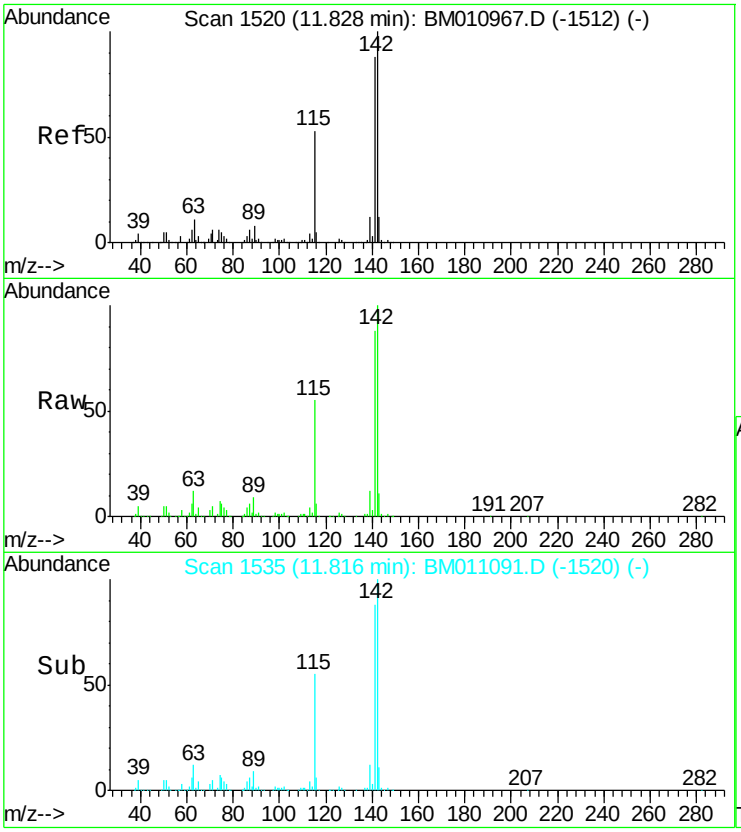




#36
4-Chloro-3-methylphenol
Concen: 45.36 ng
RT: 11.45 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:107 Resp: 754611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 19.2 | 23.3 | 34.9# |
| 142 | 61.6 | 72.6 | 109.0# |



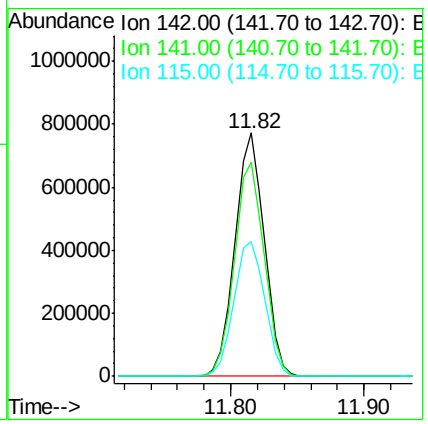


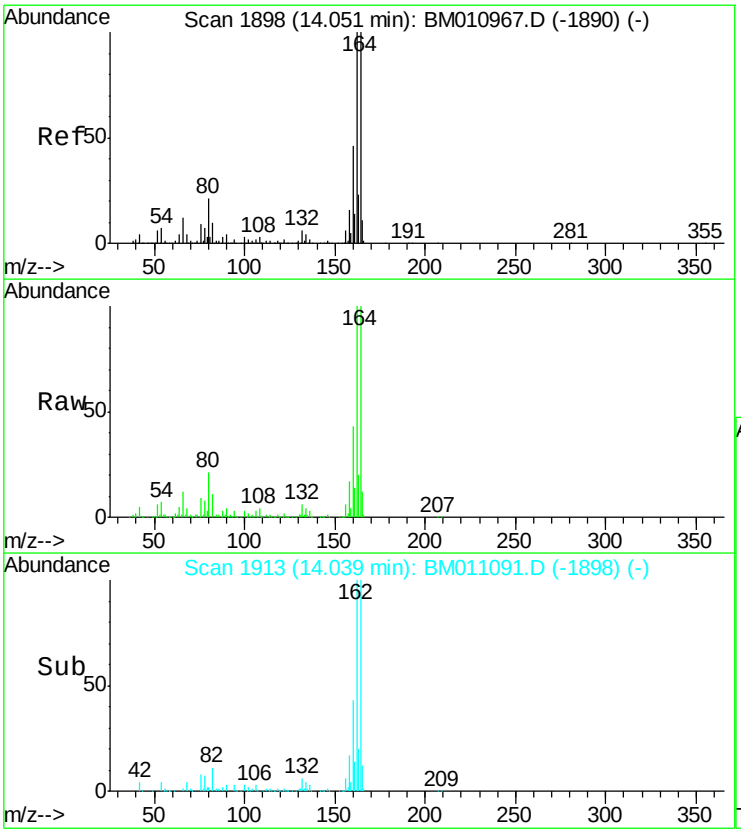

#37
2-Methylnaphthalene
Concen: 42.94 ng
RT: 11.82 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:142 Resp: 1176389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 71.9 | 107.9 |
| 115 | 55.3 | 25.4 | 38.0# |

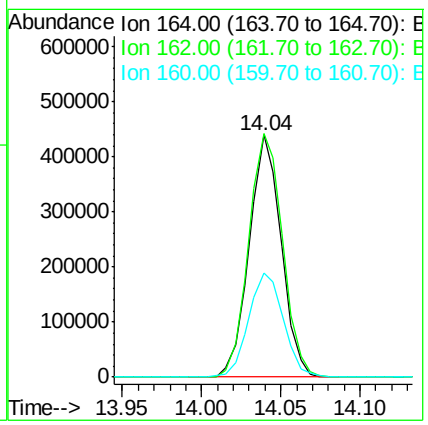


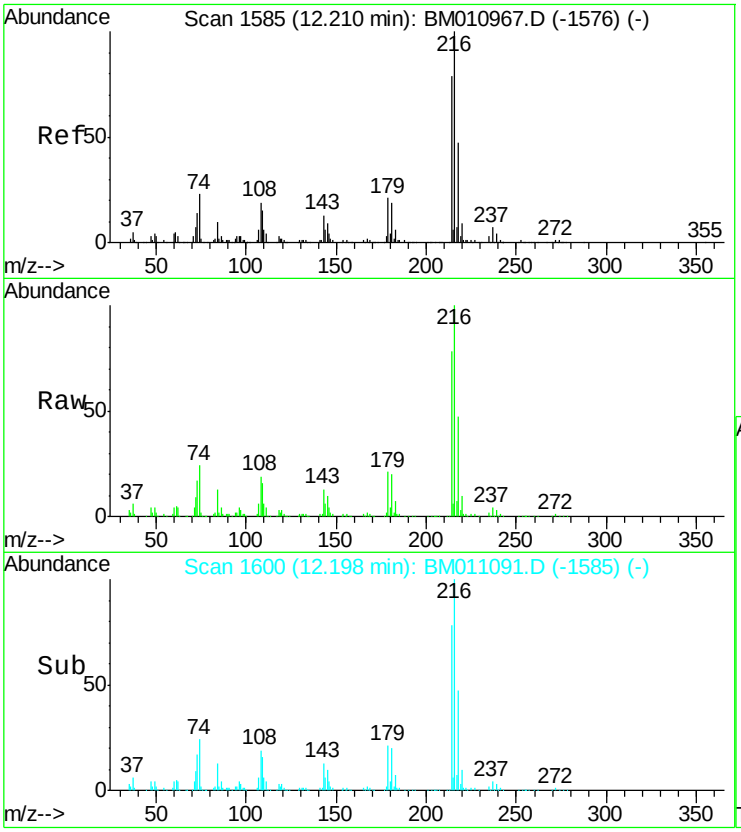




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:164 Resp: 615894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 82.4 | 123.6 |
| 160 | 42.8 | 35.8 | 53.6 |



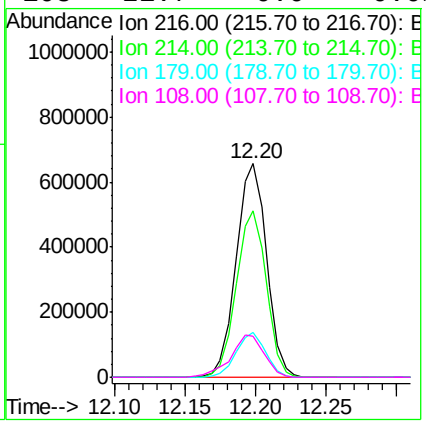


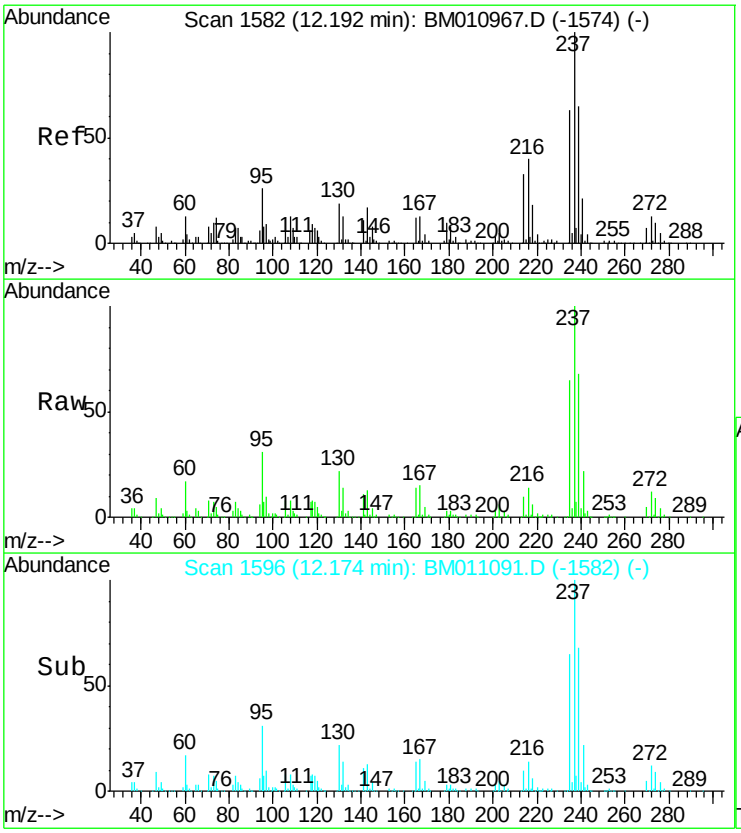

#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.29 ng
RT: 12.20 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:216 Resp: 986700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.8 | 0.0 | 0.0# |
| 179 | 20.3 | 0.0 | 0.0# |
| 108 | 21.7 | 0.0 | 0.0# |

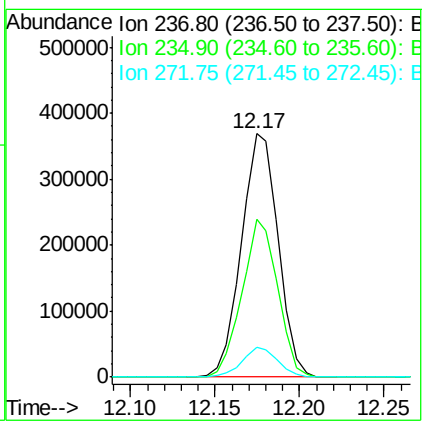


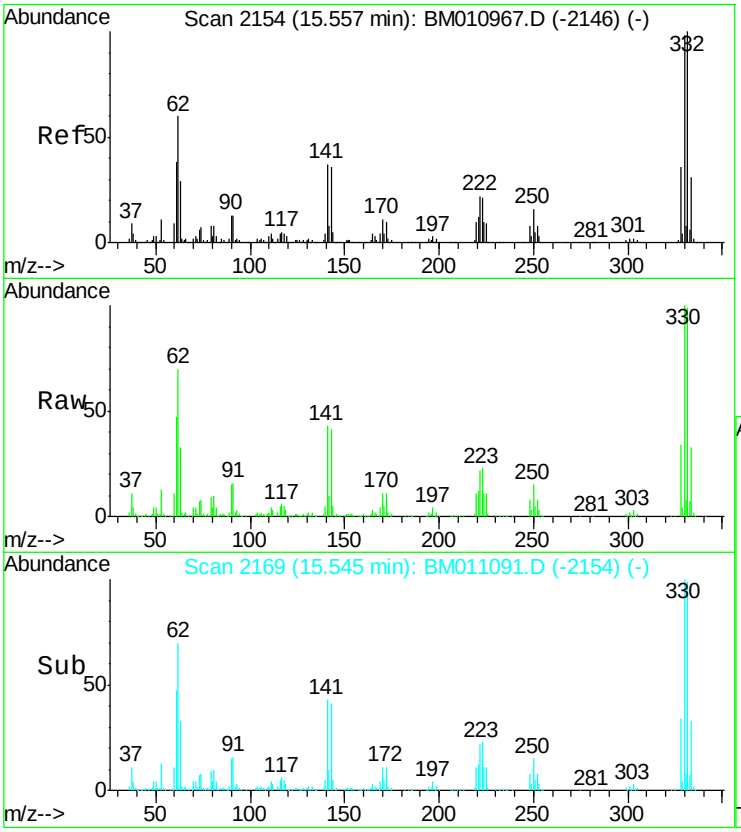




#40
Hexachlorocyclopentadiene
Concen: 36.13 ng
RT: 12.17 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:237 Resp: 557091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.7 | 42.0 | 82.0 |
| 272 | 12.4 | 0.0 | 33.4 |



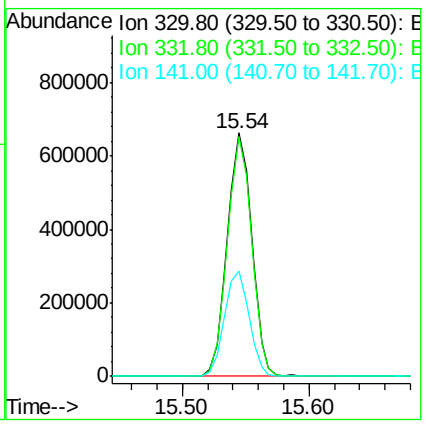


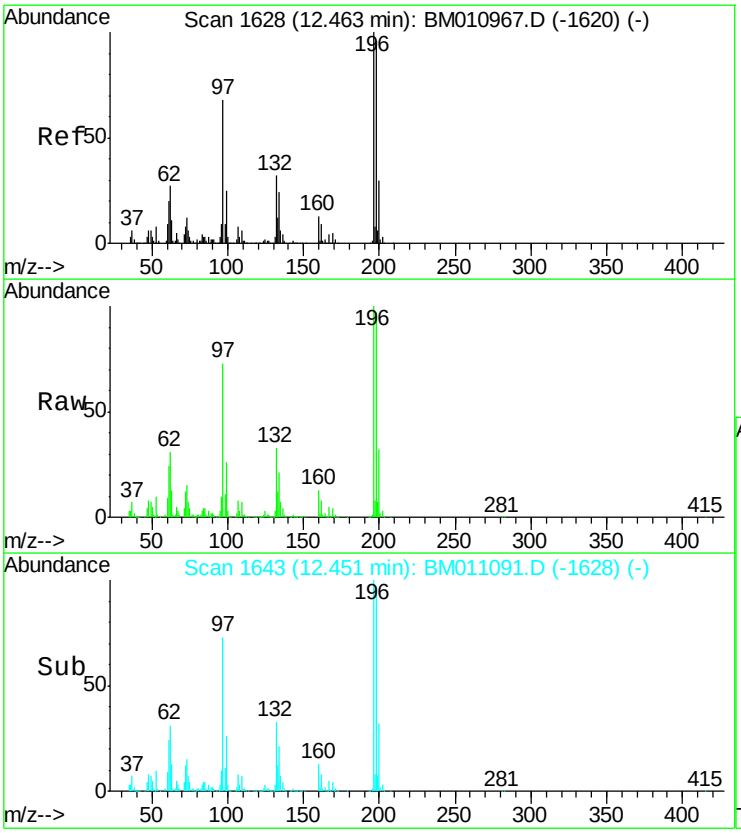

#41
2,4,6-Tribromophenol
Concen: 90.02 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:330 Resp: 888619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 0.0 | 0.0# |
| 141 | 43.3 | 0.0 | 0.0# |

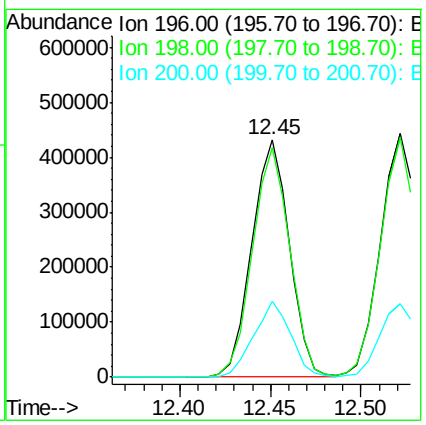


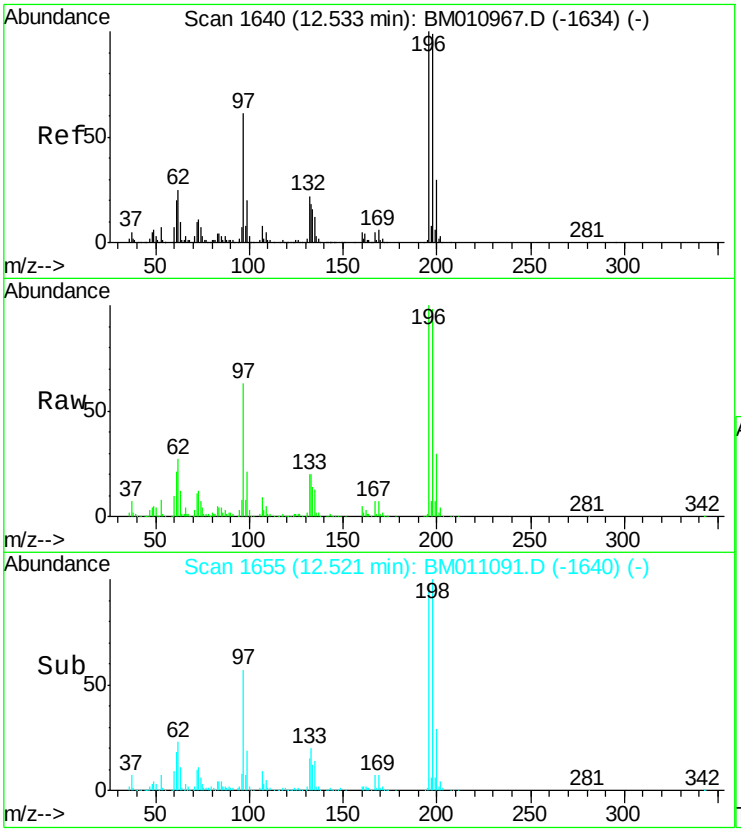




#42
2,4,6-Trichlorophenol
Concen: 38.94 ng
RT: 12.45 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:196 Resp: 623687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.3 | 114.5 |
| 200 | 31.9 | 25.6 | 38.4 |



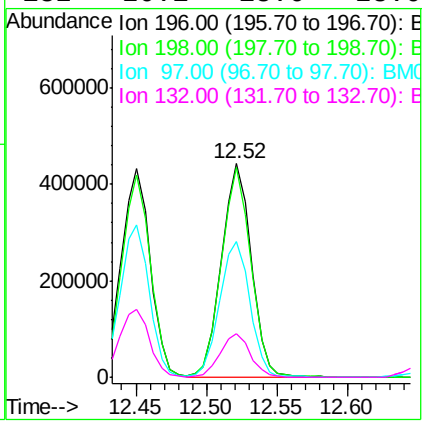


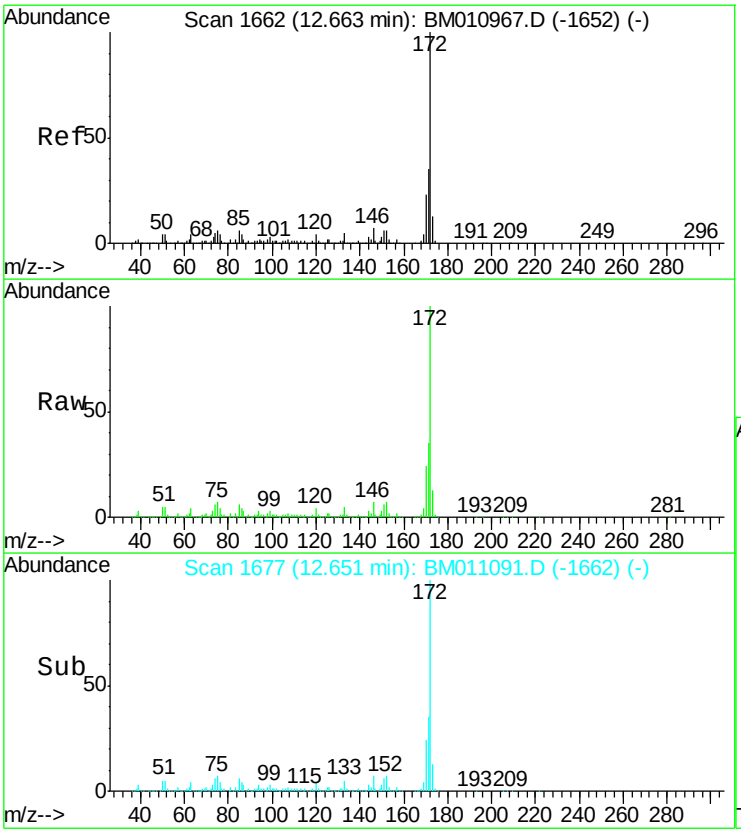

#43
2,4,5-Trichlorophenol
Concen: 39.19 ng
RT: 12.52 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:196 Resp: 646471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.3 | 79.4 | 119.0 |
| 97 | 63.4 | 26.8 | 40.2# |
| 132 | 20.1 | 18.6 | 28.0 |

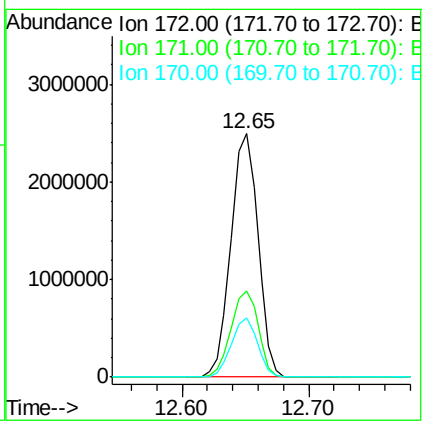


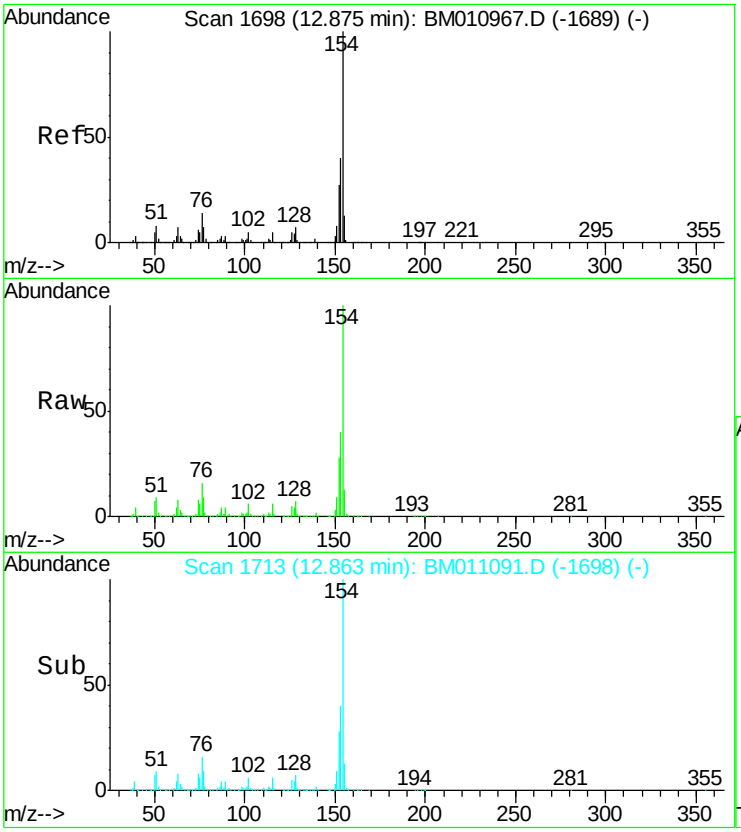




#44
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:172 Resp: 3685801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.5 | 42.7 |
| 170 | 24.2 | 18.8 | 28.2 |



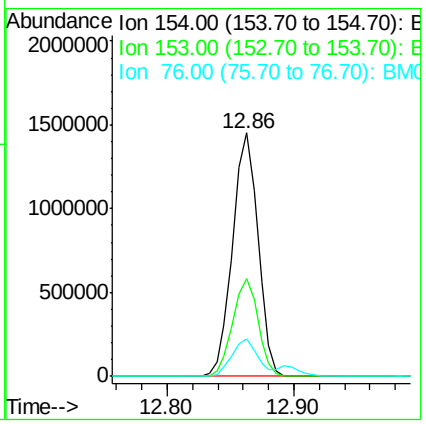


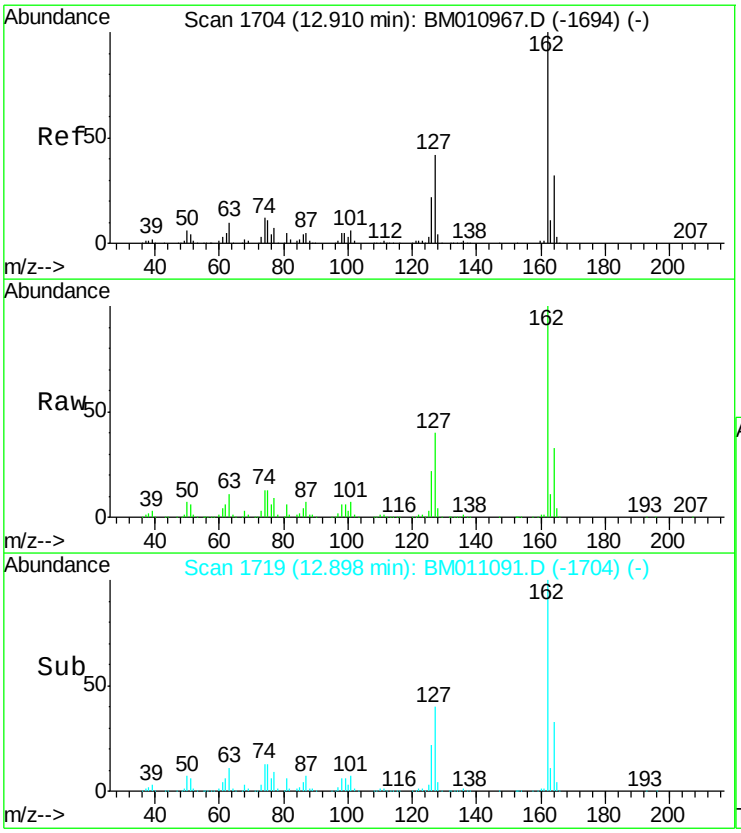

#45
1,1'-Biphenyl
Concen: 37.72 ng
RT: 12.86 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:154 Resp: 2008860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.9 | 20.7 | 60.7 |
| 76 | 15.7 | 0.0 | 30.9 |

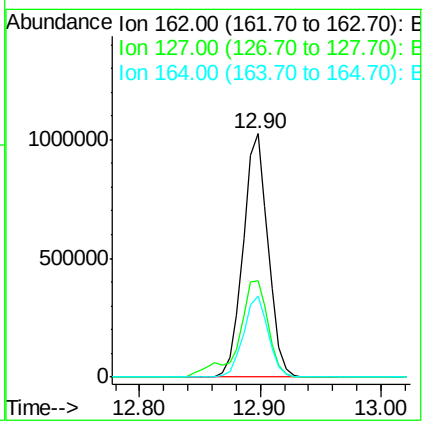


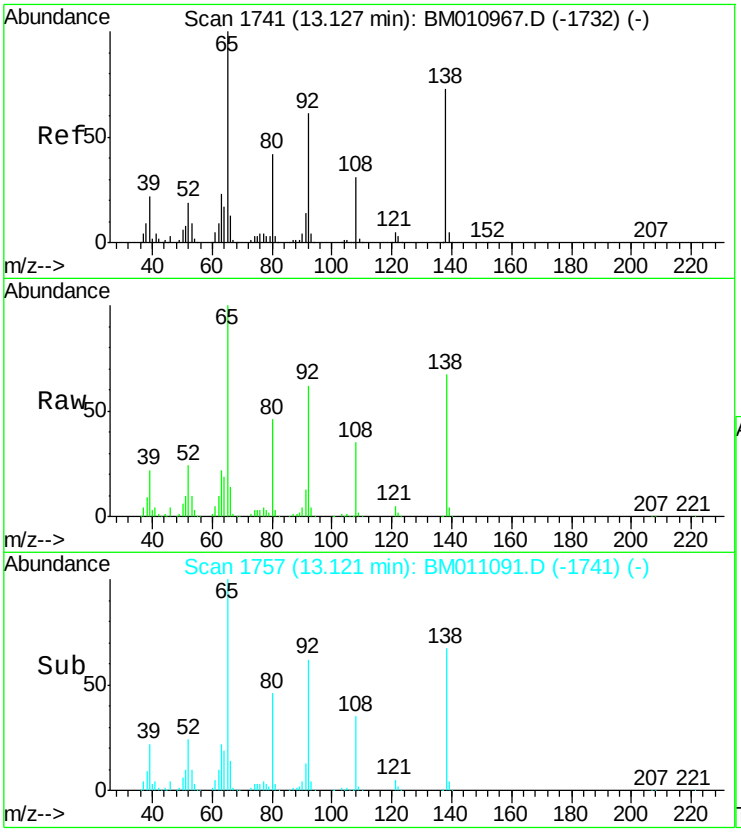




#46
2-Chloronaphthalene
Concen: 37.56 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:162 Resp: 1473899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.8 | 26.9 | 40.3 |
| 164 | 33.4 | 26.8 | 40.2 |



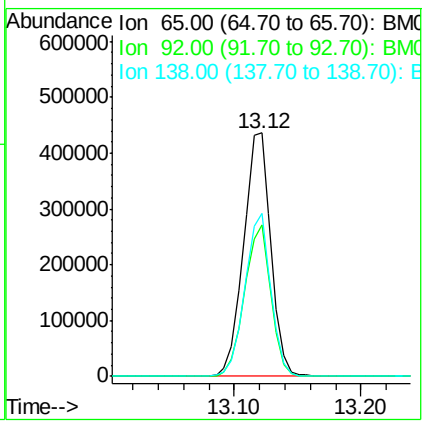


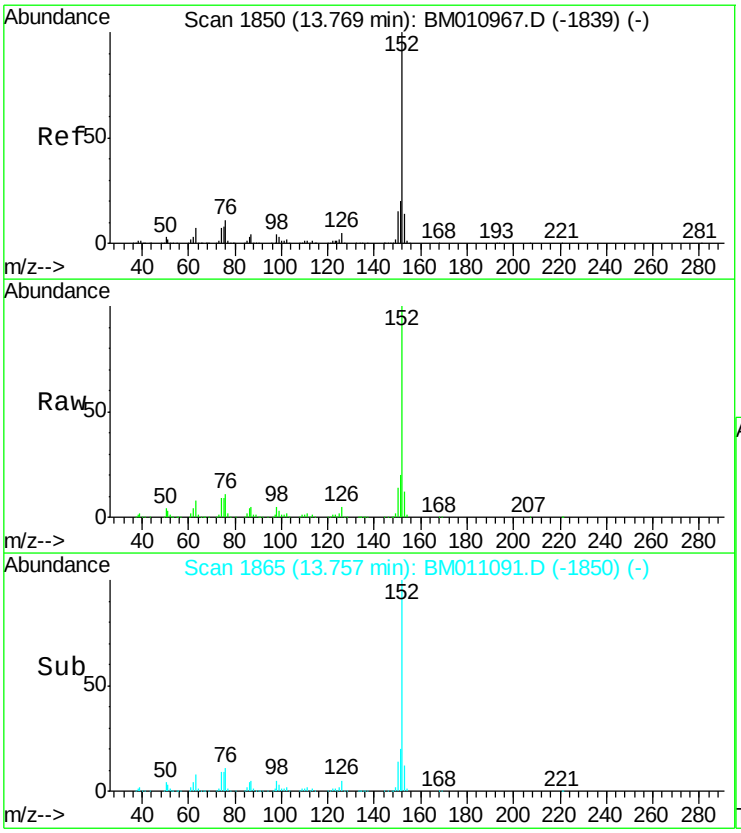

#47
2-Nitroaniline
Concen: 47.13 ng
RT: 13.12 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion: 65 Resp: 654248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.4 | 59.1 | 88.7 |
| 138 | 67.0 | 93.9 | 140.9# |

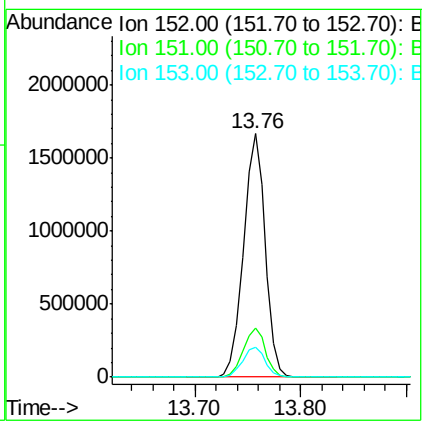


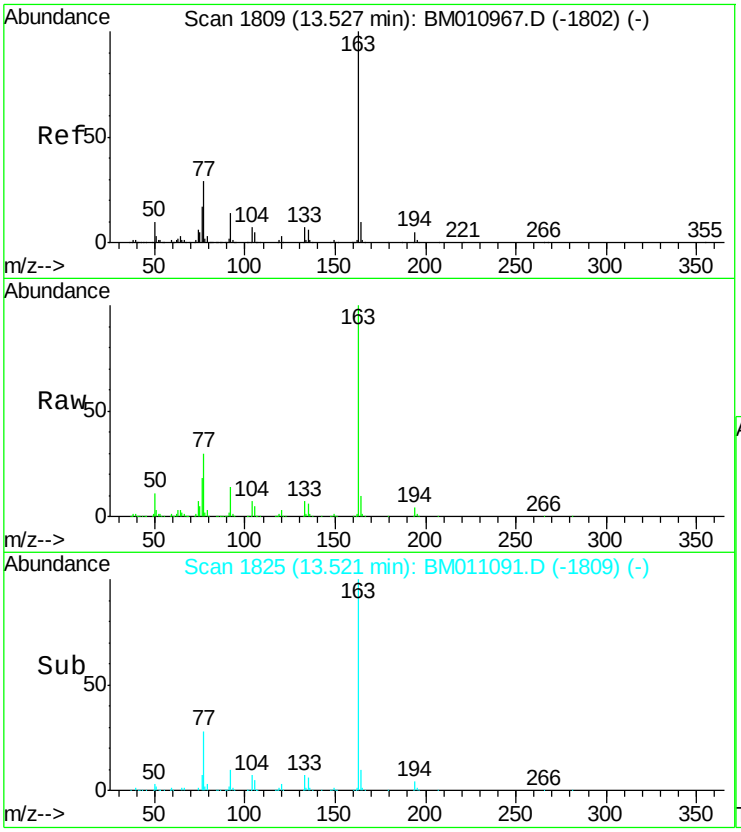




#48
Acenaphthylene
Concen: 40.39 ng
RT: 13.76 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:152 Resp: 2365171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 15.9 | 23.9 |
| 153 | 12.2 | 10.6 | 16.0 |



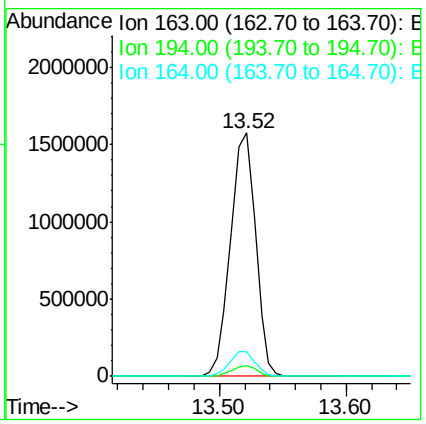


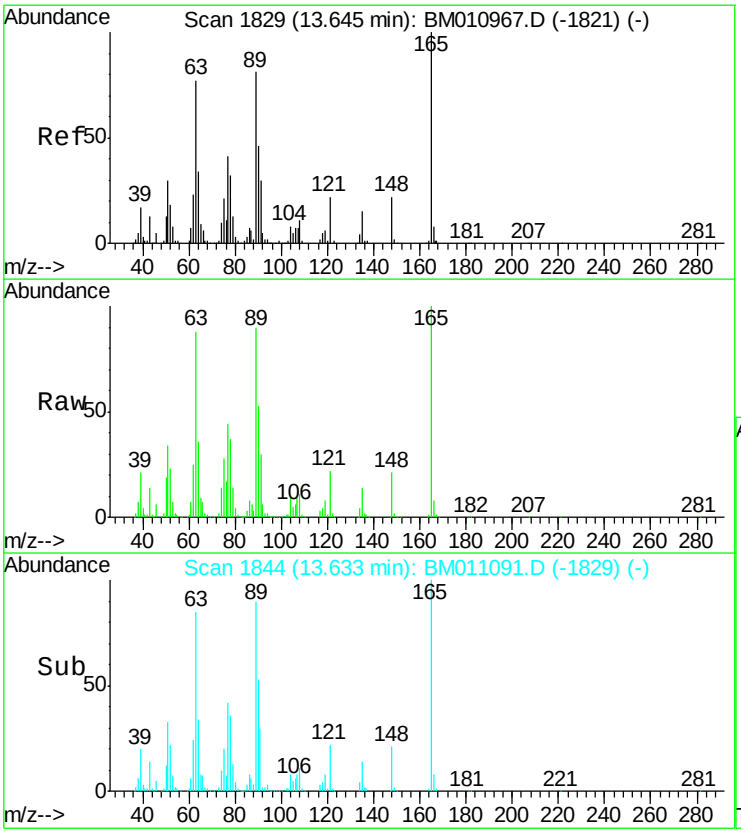

#49
Dimethylphthalate
Concen: 40.98 ng
RT: 13.52 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:163 Resp: 2158877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 2.7 | 4.1# |
| 164 | 10.0 | 8.2 | 12.2 |

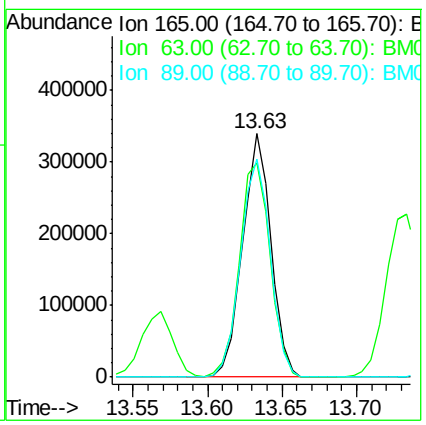


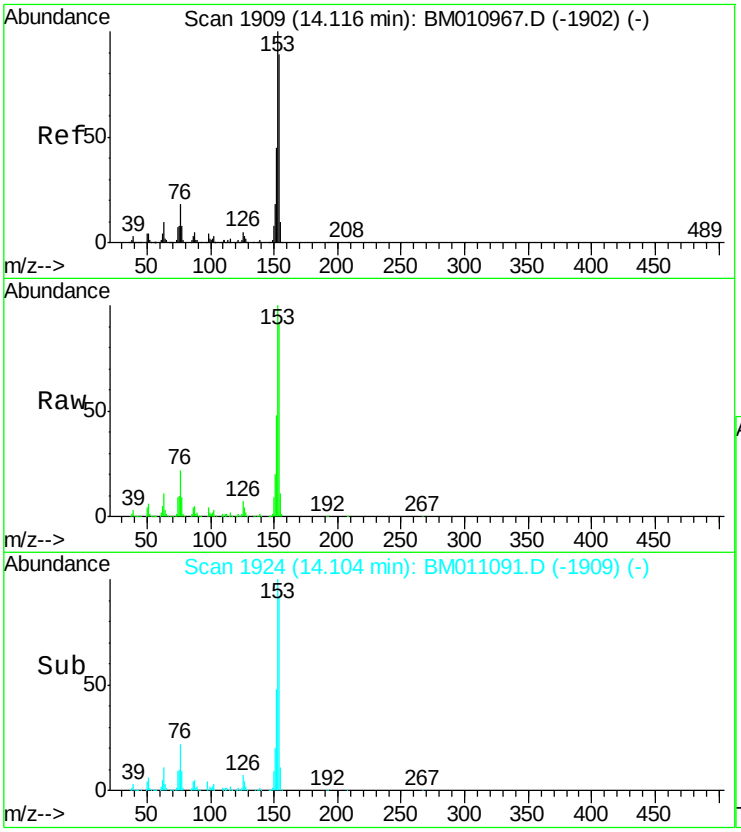




#50
2,6-Dinitrotoluene
Concen: 41.74 ng
RT: 13.63 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:165 Resp: 444694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 88.2 | 44.1 | 66.1# |
| 89 | 89.7 | 44.3 | 66.5# |



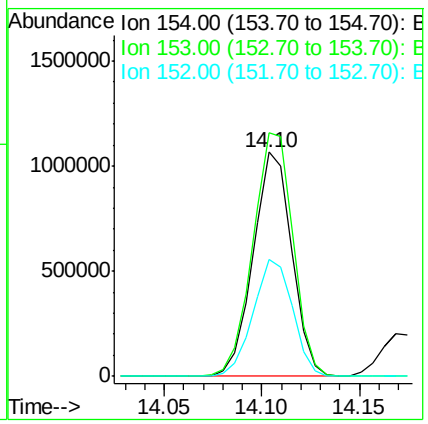


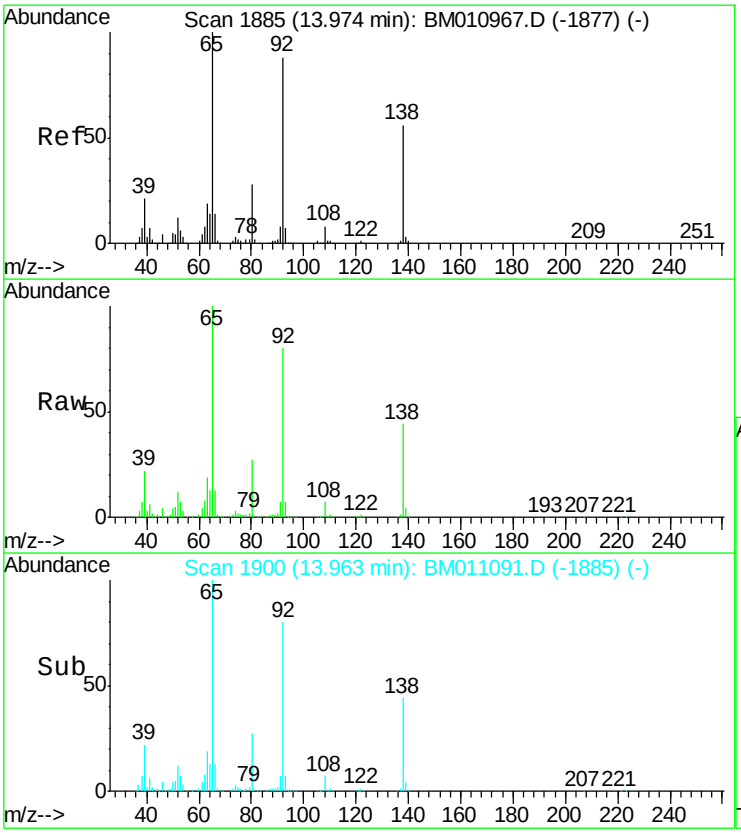

#51
Acenaphthene
Concen: 40.36 ng
RT: 14.10 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:154 Resp: 1463489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.6 | 90.0 | 135.0 |
| 152 | 52.1 | 42.6 | 63.8 |

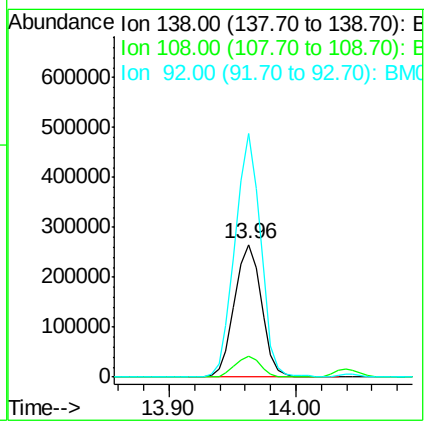


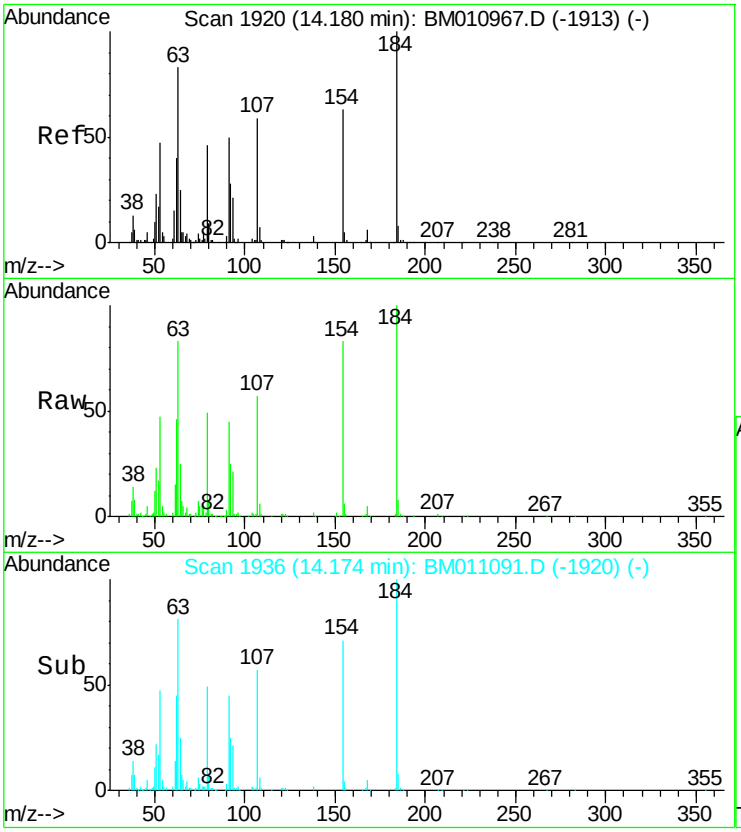




#52
3-Nitroaniline
Concen: 42.56 ng
RT: 13.96 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:138 Resp: 393530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 15.8 | 7.3 | 10.9# |
| 92 | 184.1 | 76.6 | 114.8# |



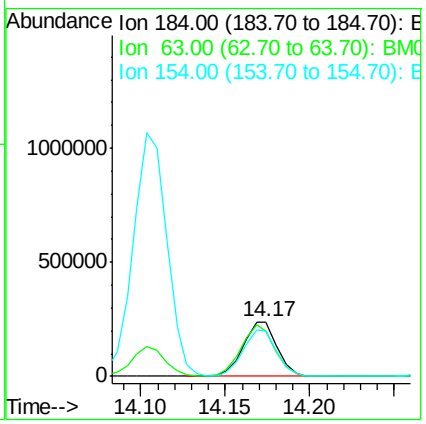


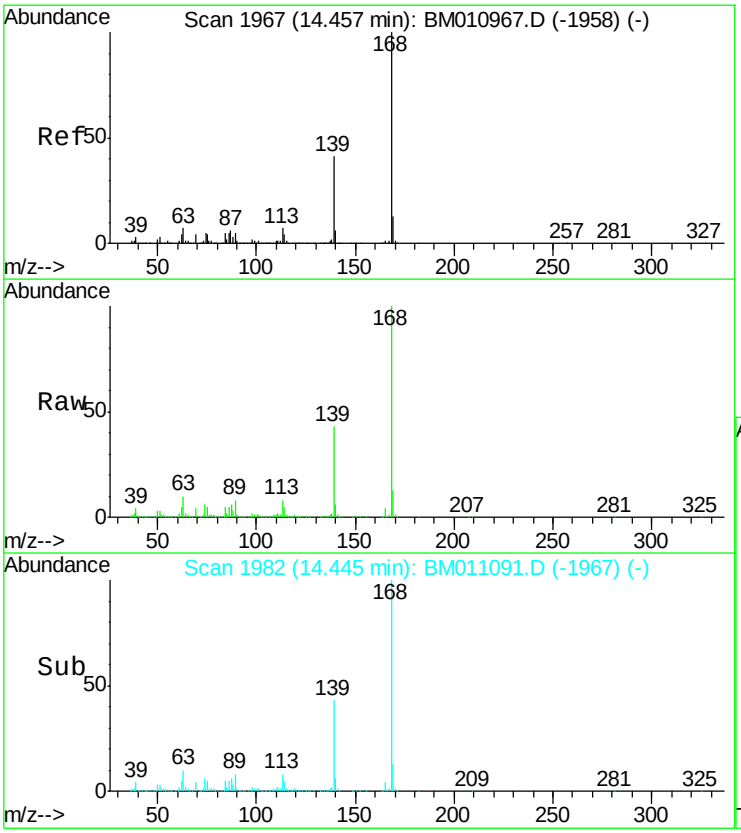

#53
2,4-Dinitrophenol
Concen: 44.00 ng
RT: 14.17 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:184 Resp: 333163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 83.0 | 69.2 | 103.8 |
| 154 | 83.2 | 53.3 | 79.9# |

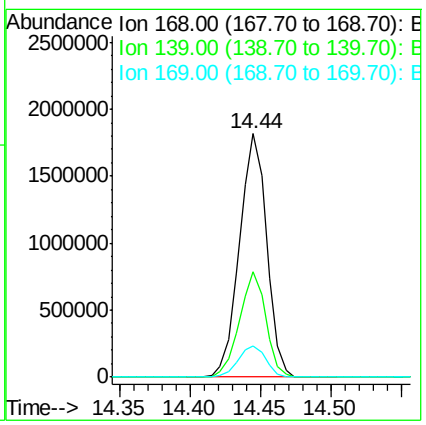


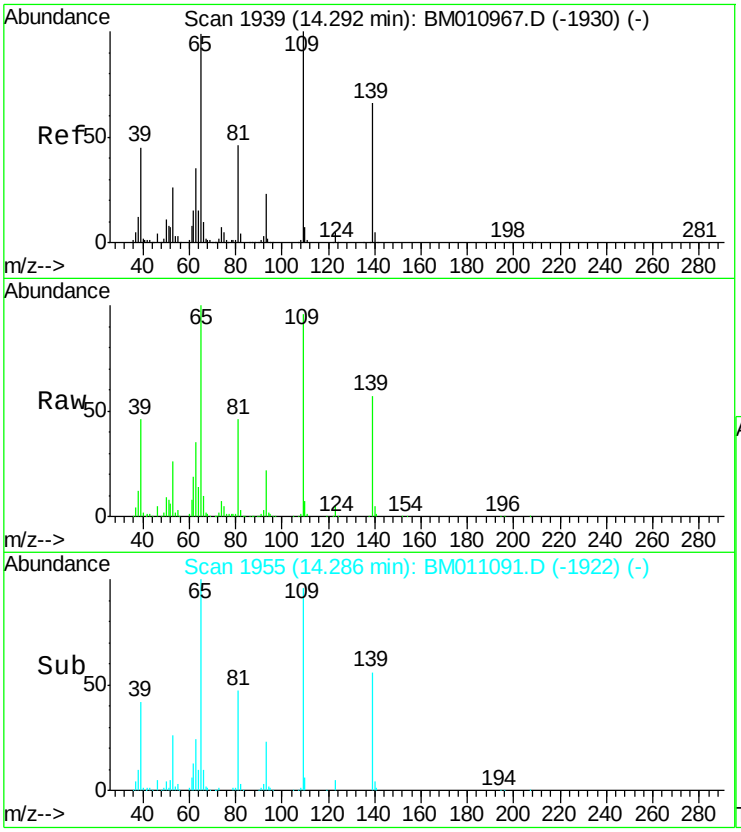




#54
Dibenzofuran
Concen: 41.80 ng
RT: 14.44 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:168 Resp: 2455841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.3 | 27.3 | 40.9# |
| 169 | 13.0 | 10.6 | 16.0 |



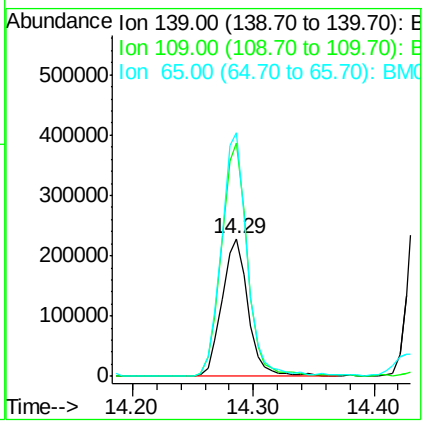


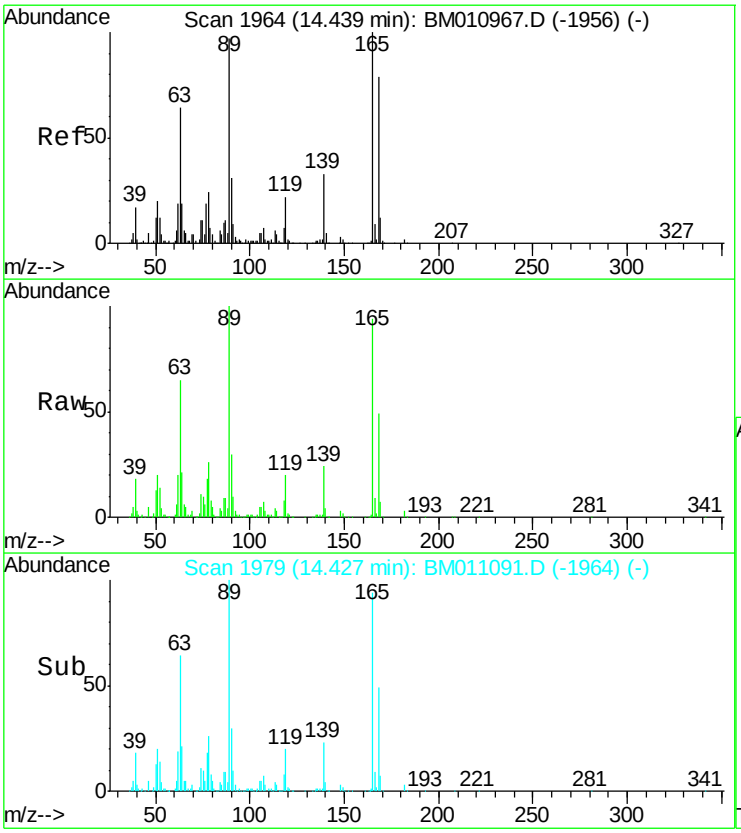

#55
4-Nitrophenol
Concen: 42.16 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:139 Resp: 342475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 169.3 | 130.0 | 170.0 |
| 65 | 176.9 | 130.0 | 170.0# |

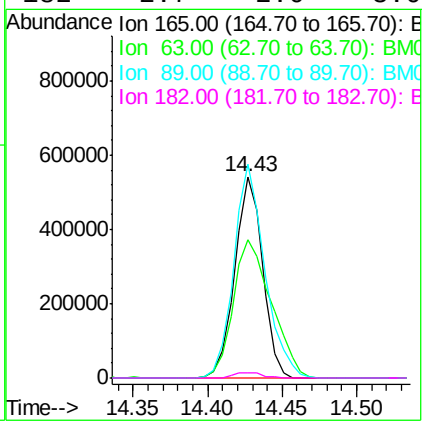


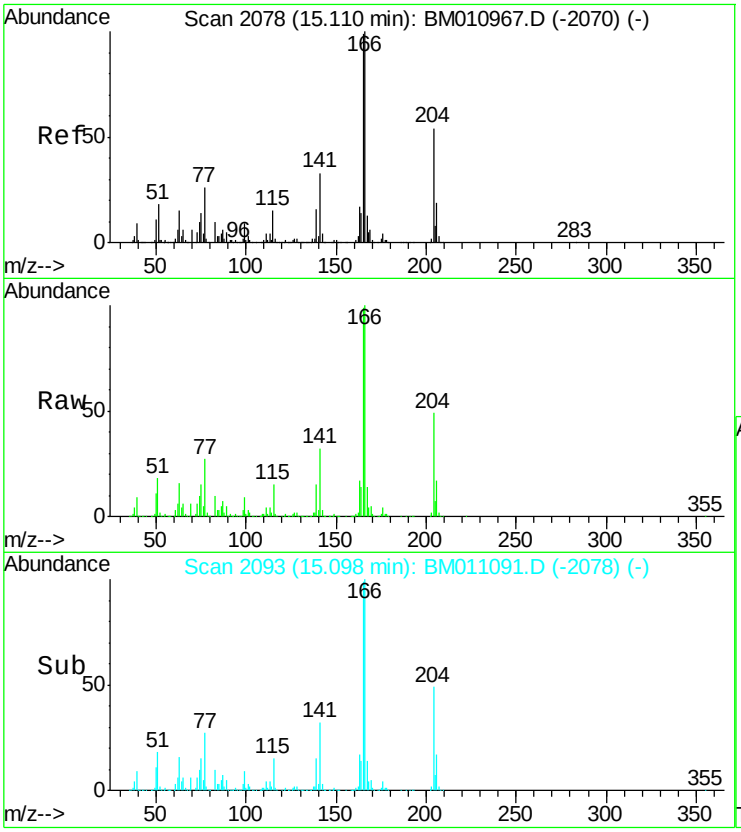




#56
2,4-Dinitrotoluene
Concen: 46.91 ng
RT: 14.43 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:165 Resp: 701634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.6 | 52.4 | 78.6 |
| 89 | 106.3 | 72.4 | 108.6 |
| 182 | 2.7 | 2.0 | 3.0 |



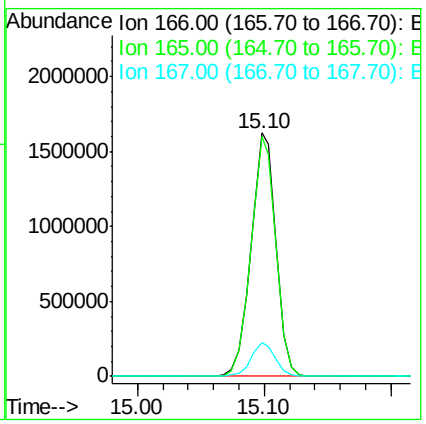


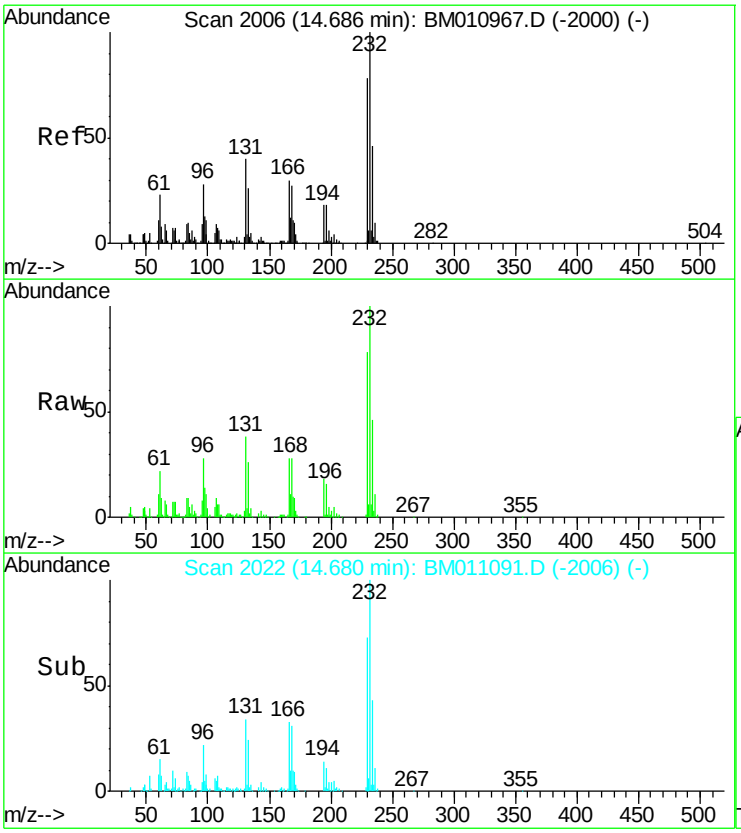

#57
Fluorene
Concen: 43.40 ng
RT: 15.10 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:166 Resp: 2219863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 79.0 | 118.4 |
| 167 | 13.7 | 10.3 | 15.5 |

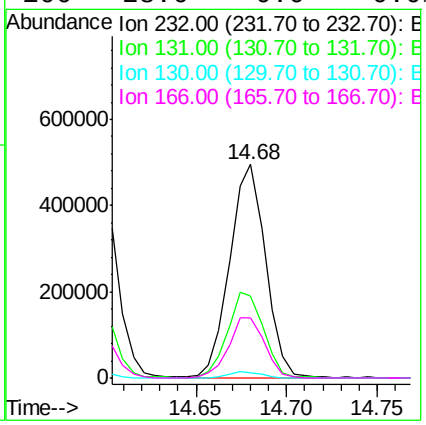


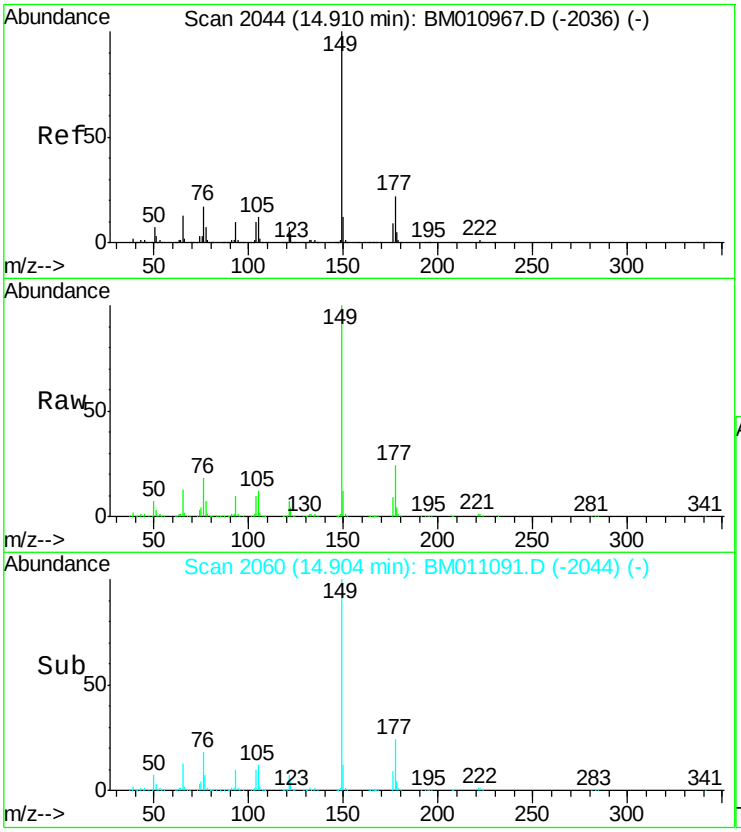




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.71 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:232 Resp: 675778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 40.8 | 0.0 | 0.0# |
| 130 | 3.0 | 0.0 | 0.0# |
| 166 | 28.6 | 0.0 | 0.0# |



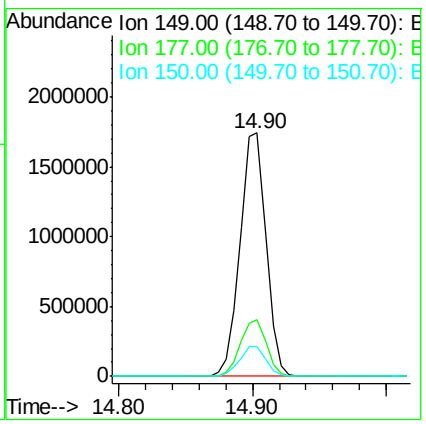


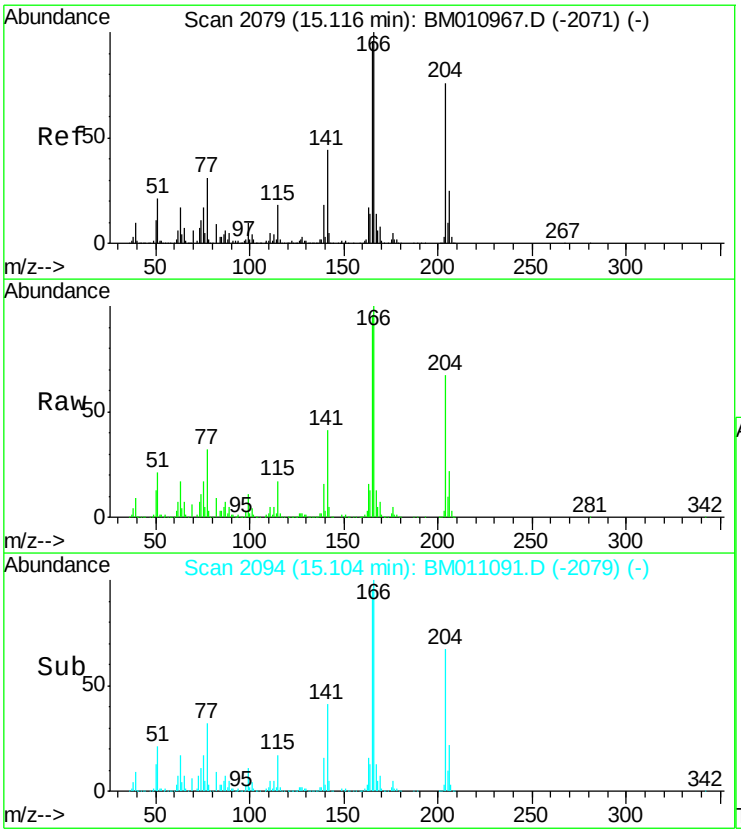

#59
Diethylphthalate
Concen: 43.44 ng
RT: 14.90 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:149 Resp: 2337258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.5 | 18.3 | 27.5 |
| 150 | 12.0 | 9.8 | 14.8 |

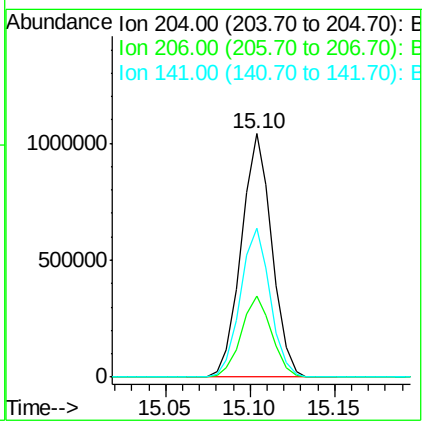


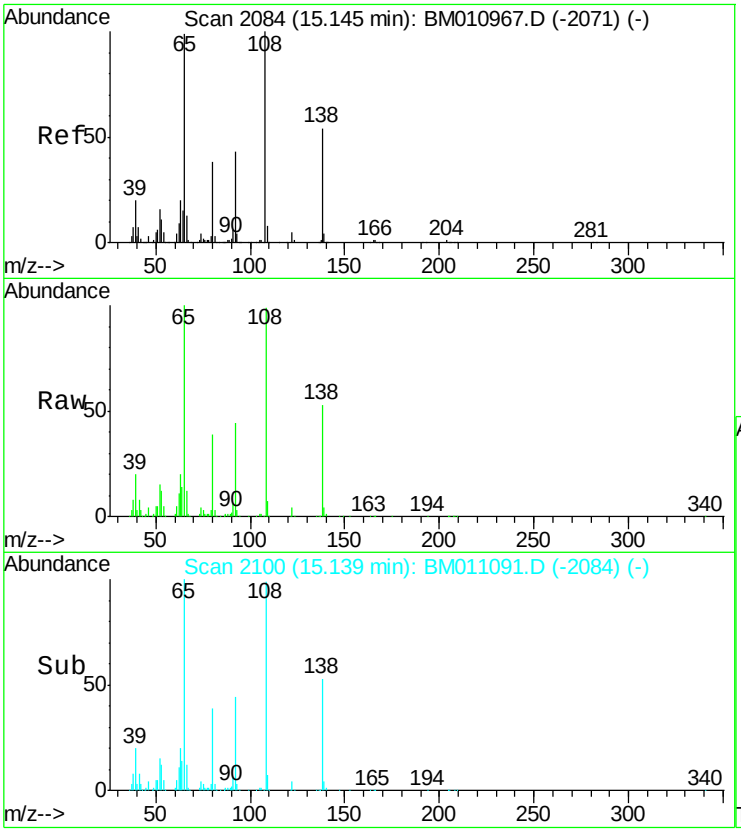




#60
4-Chlorophenyl-phenylether
Concen: 42.48 ng
RT: 15.10 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:204 Resp: 1311981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.5 | 26.6 | 39.8 |
| 141 | 60.9 | 45.2 | 67.8 |



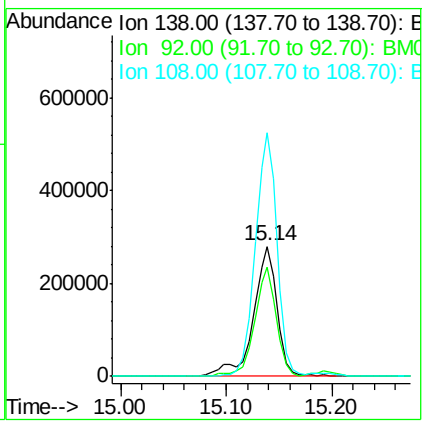


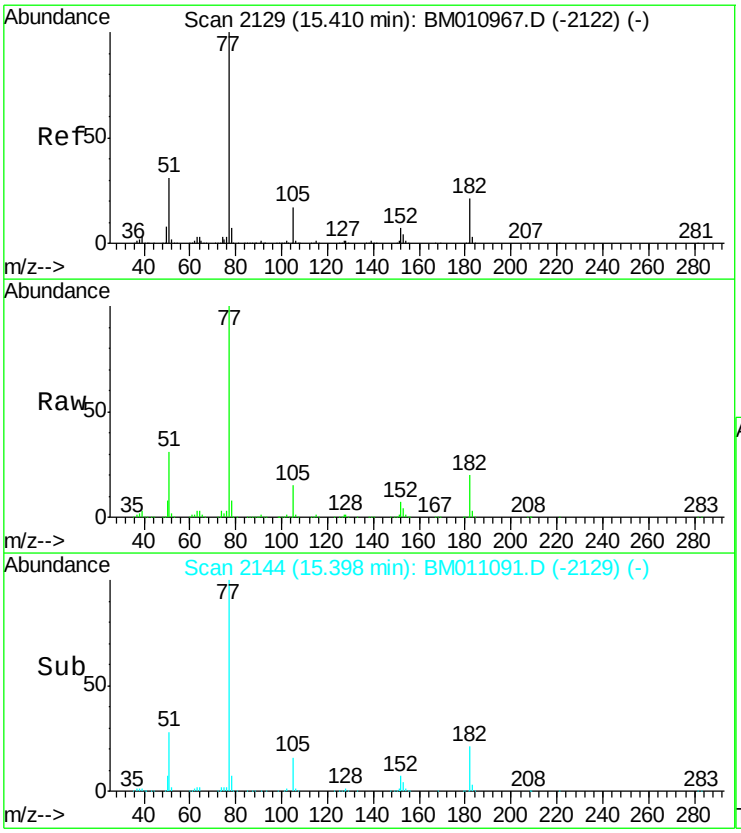

#61
4-Nitroaniline
Concen: 44.82 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:138 Resp: 440120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 83.5 | 16.7 | 56.7# |
| 108 | 187.0 | 37.6 | 77.6# |

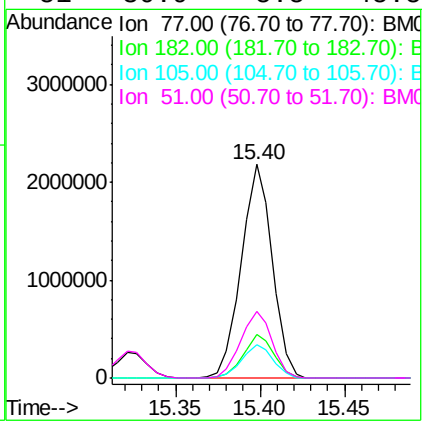


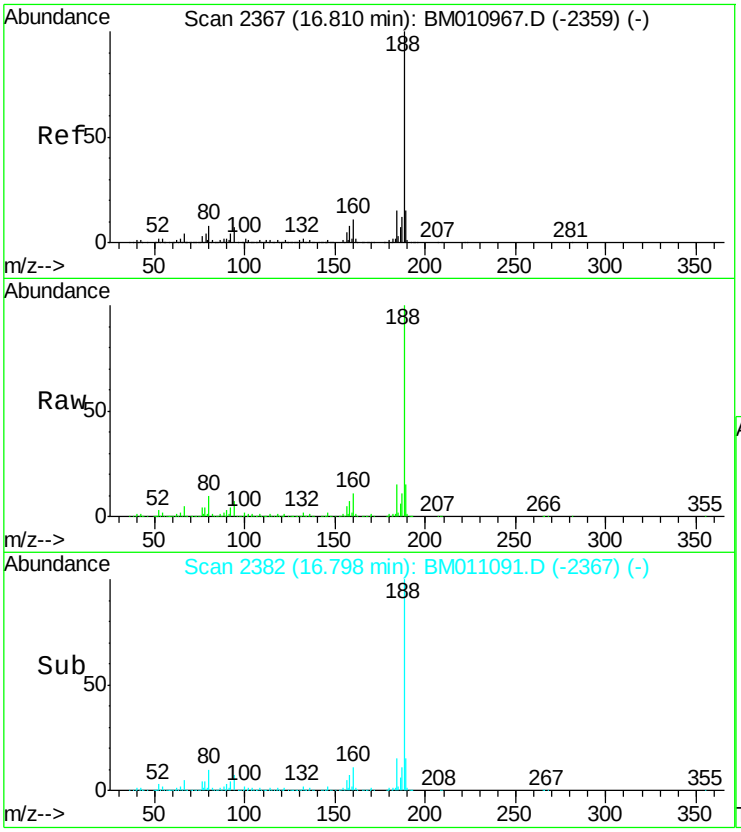




#62
Azobenzene
Concen: 48.37 ng
RT: 15.40 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion: 77 Resp: 2785655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.1 | 6.5 | 46.5 |
| 105 | 15.4 | 3.8 | 43.8 |
| 51 | 30.9 | 5.5 | 45.5 |



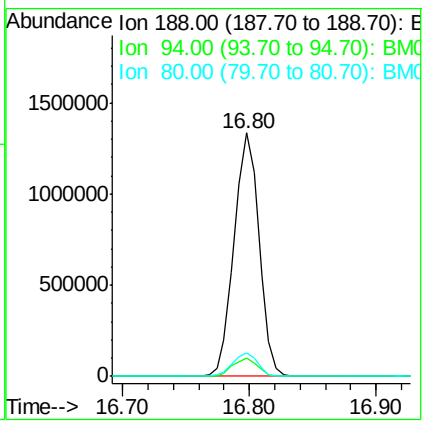


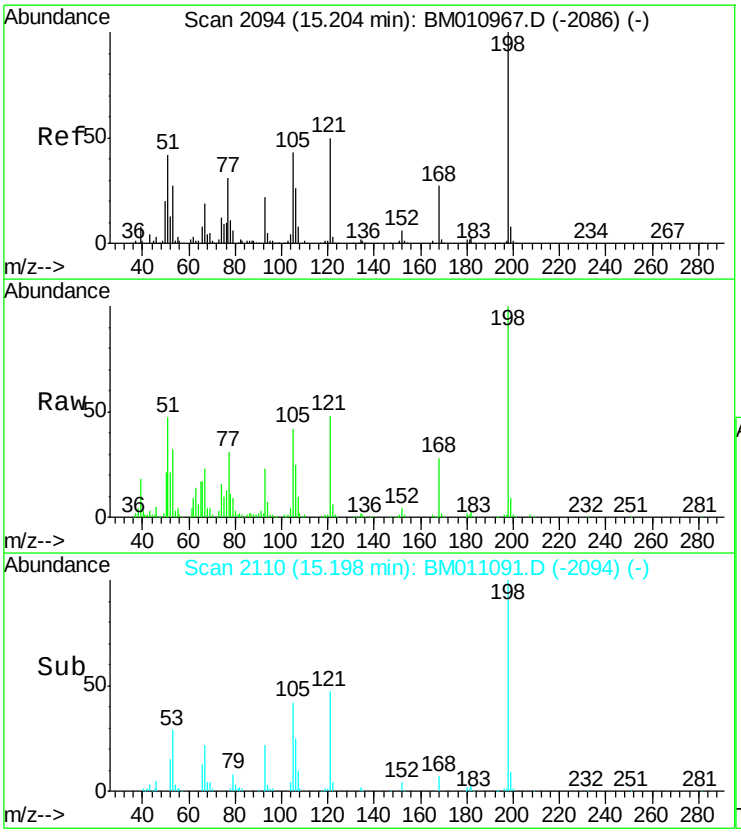

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:188 Resp: 1806247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 8.7 | 13.1# |
| 80 | 9.8 | 9.3 | 13.9 |

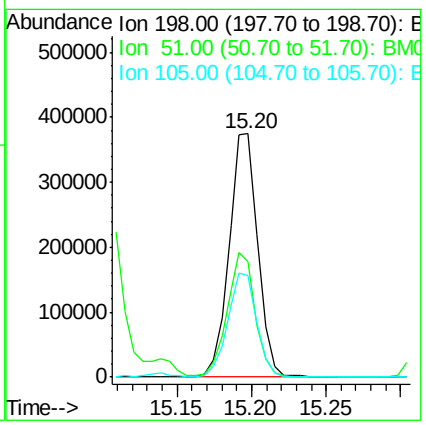


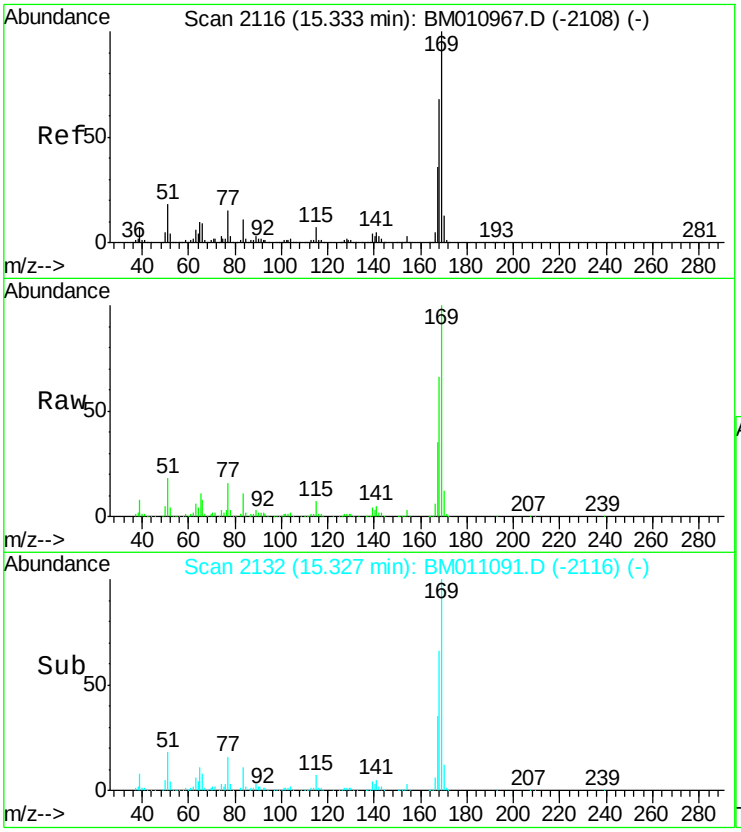




#64
4,6-Dinitro-2-methylphenol
Concen: 41.15 ng
RT: 15.20 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:198 Resp: 503231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.4 | 28.8 | 68.8 |
| 105 | 41.9 | 30.5 | 70.5 |



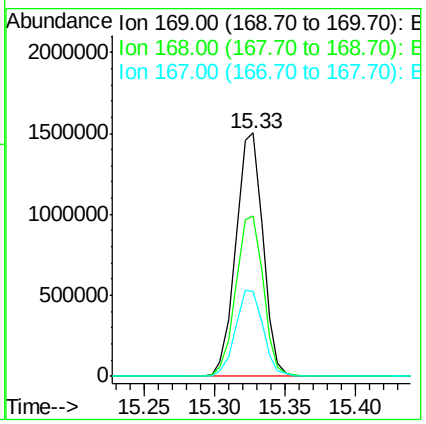


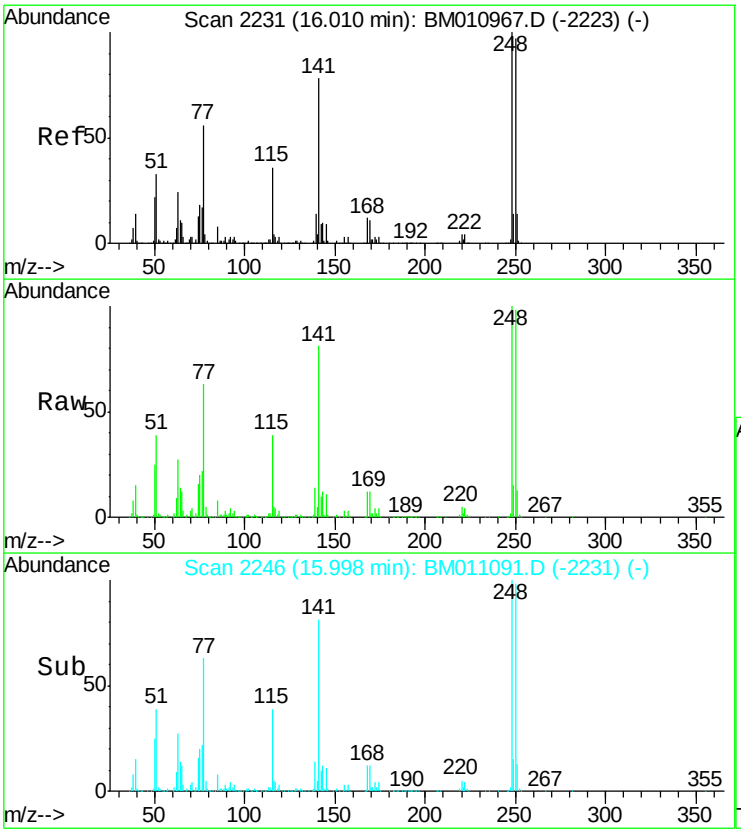

#65
n-Nitrosodiphenylamine
Concen: 38.75 ng
RT: 15.33 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:169 Resp: 2002830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 53.9 | 80.9 |
| 167 | 34.7 | 28.9 | 43.3 |

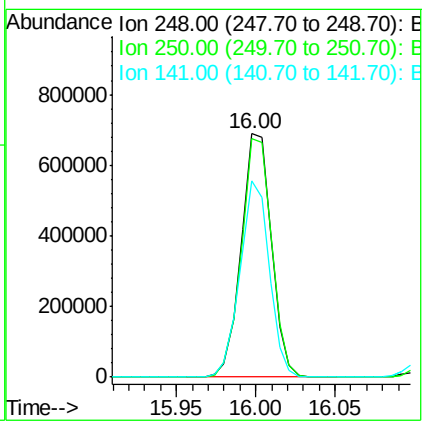


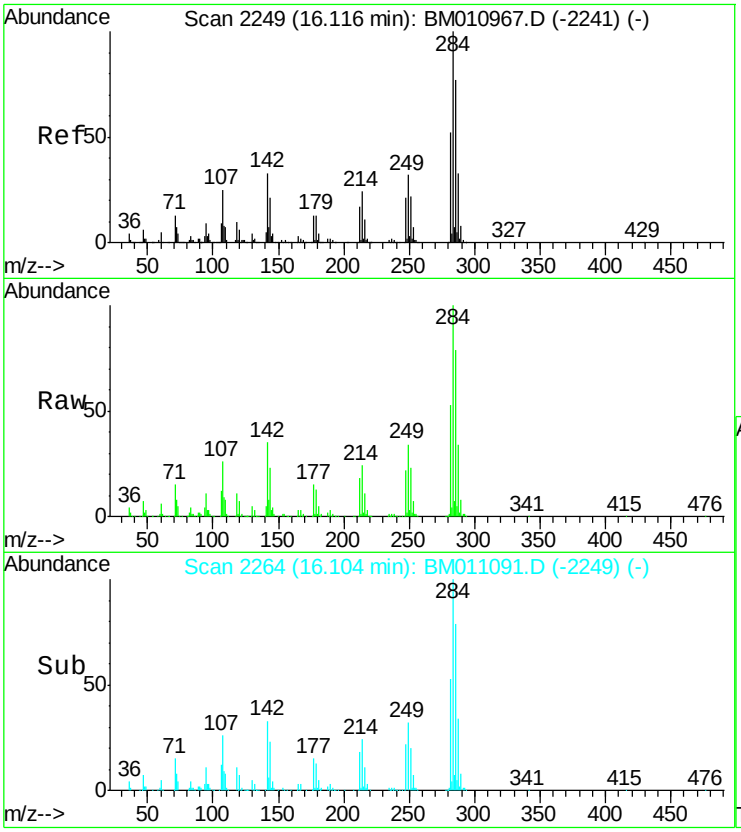




#66
4-Bromophenyl-phenylether
Concen: 39.16 ng
RT: 16.00 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:248 Resp: 909317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 77.4 | 116.0 |
| 141 | 80.5 | 45.2 | 67.8# |



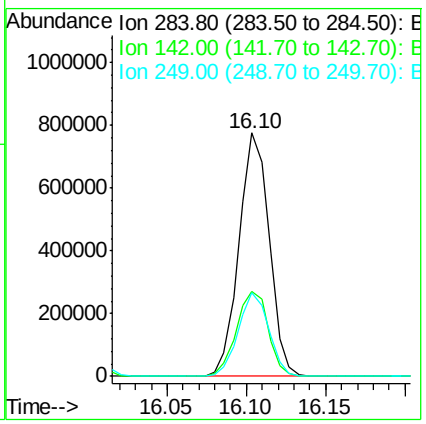


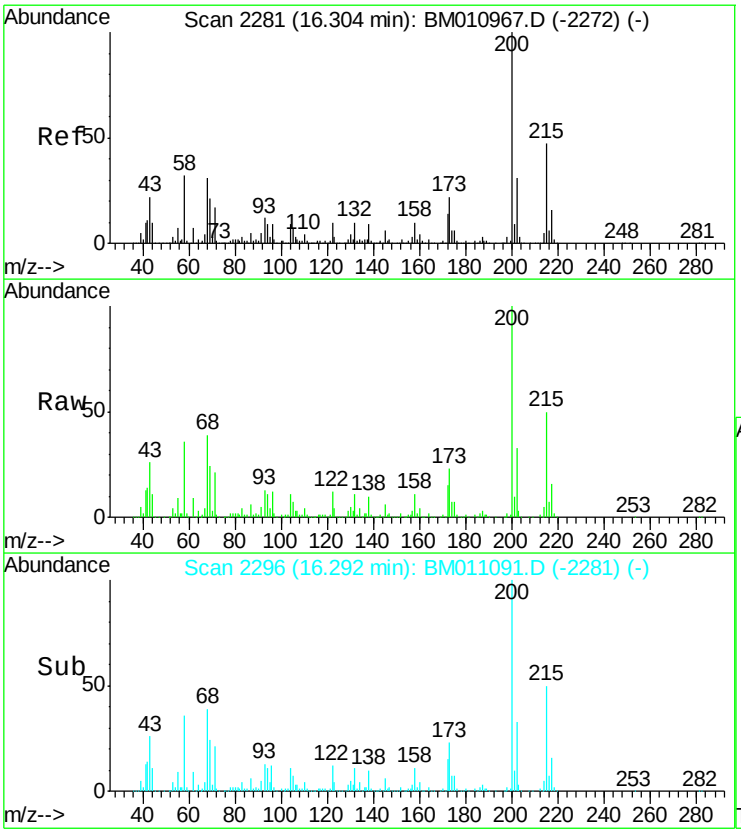

#67
Hexachlorobenzene
Concen: 39.08 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:284 Resp: 1025494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.9 | 20.4 | 30.6# |
| 249 | 34.2 | 23.8 | 35.6 |

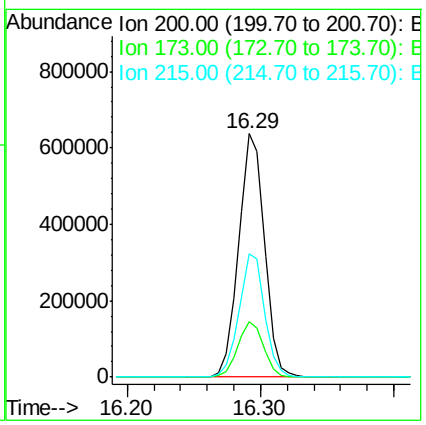


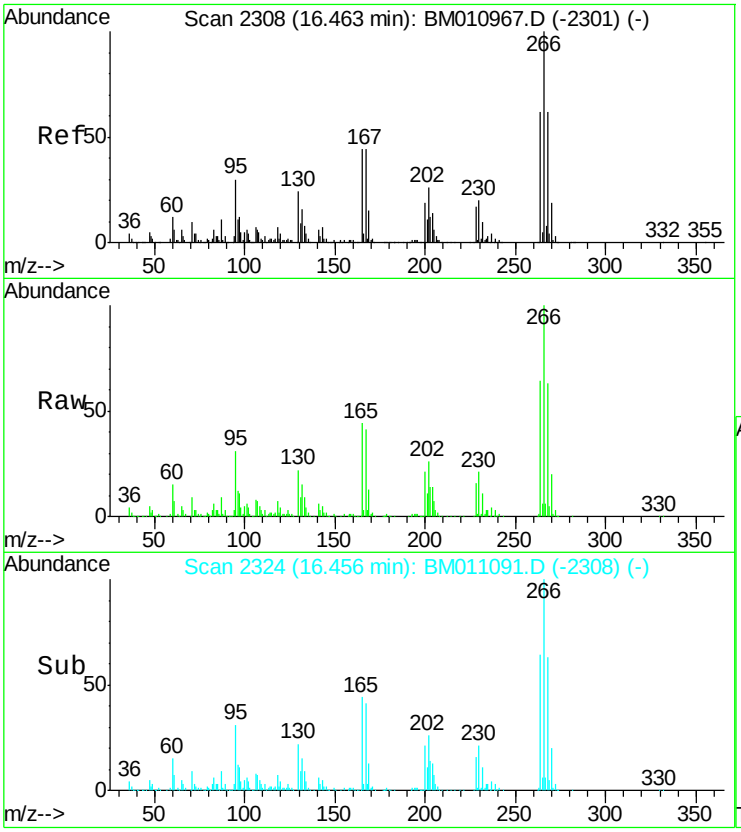




#68
Atrazine
Concen: 40.92 ng
RT: 16.29 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:200 Resp: 847606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.9 | 4.8 | 44.8 |
| 215 | 50.4 | 26.9 | 66.9 |



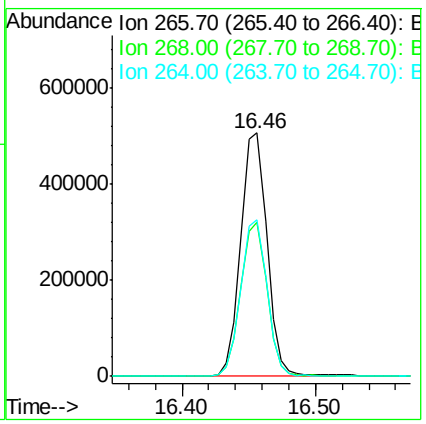


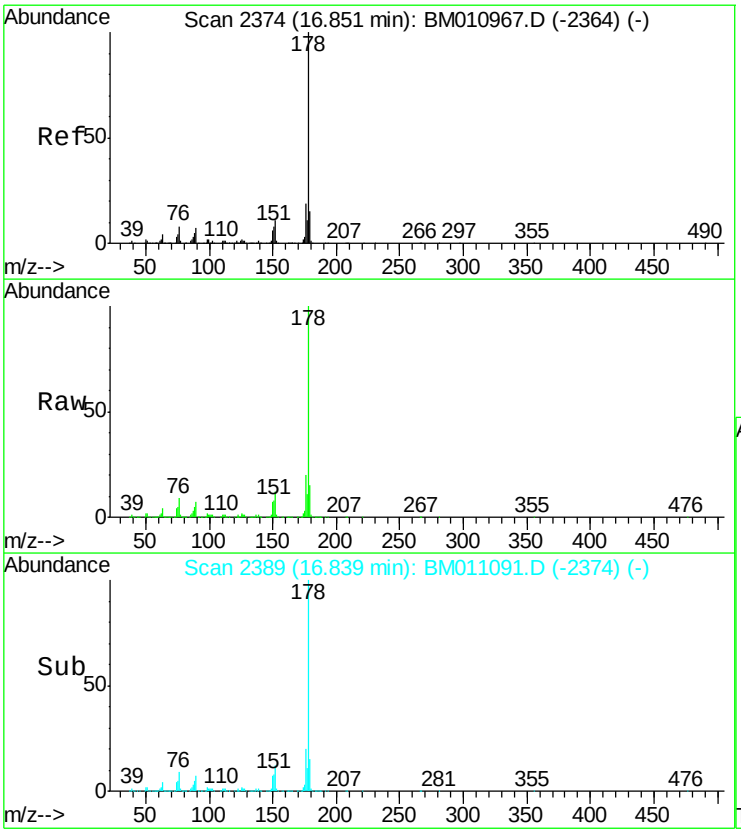

#69
Pentachlorophenol
Concen: 41.48 ng
RT: 16.46 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:266 Resp: 690946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.5 | 52.0 | 78.0 |
| 264 | 64.1 | 49.0 | 73.4 |

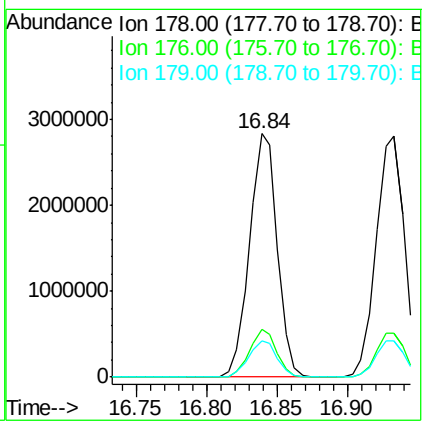


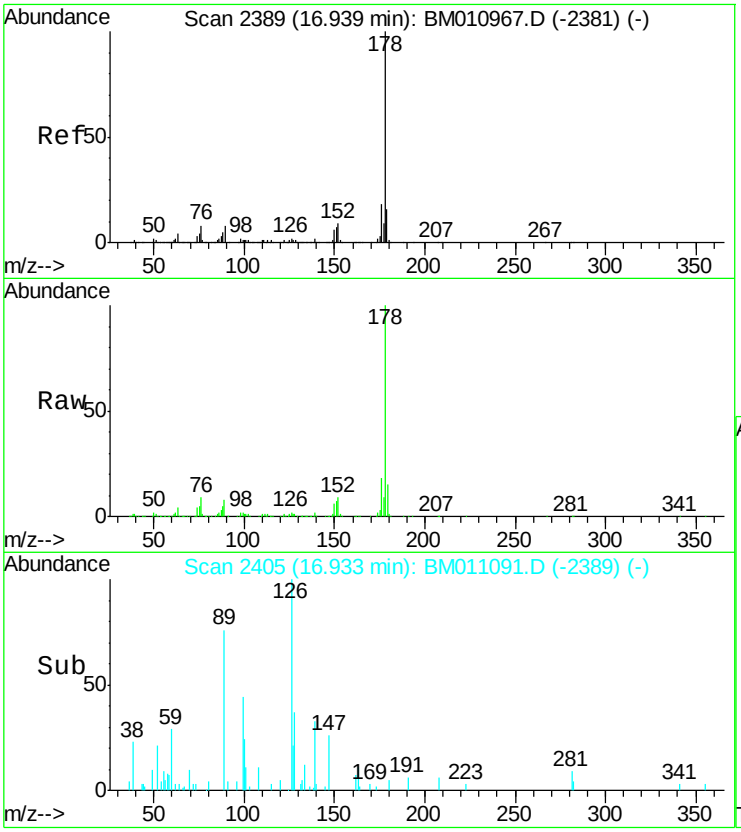




#70
Phenanthrene
Concen: 41.32 ng
RT: 16.84 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:178 Resp: 3908411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.2 | 22.8 |
| 179 | 15.0 | 12.1 | 18.1 |



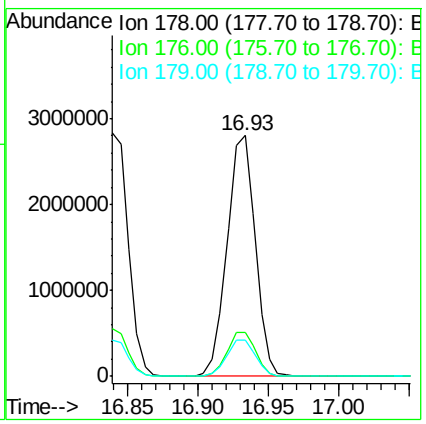


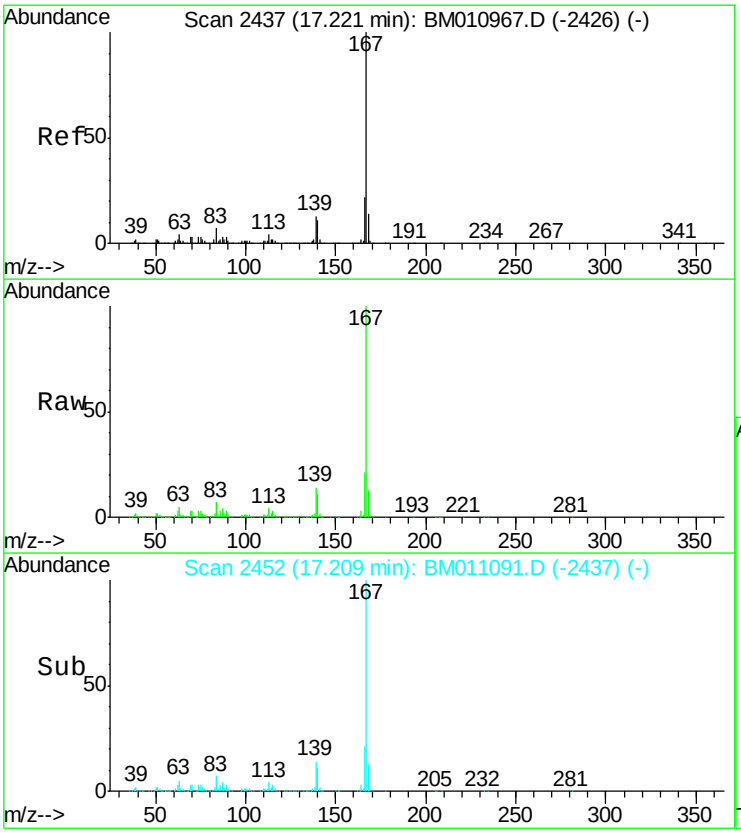

#71
Anthracene
Concen: 41.25 ng
RT: 16.93 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:178 Resp: 3890498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.6 | 22.0 |
| 179 | 14.9 | 12.6 | 19.0 |

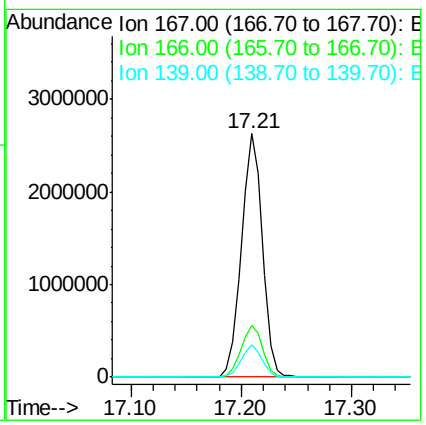


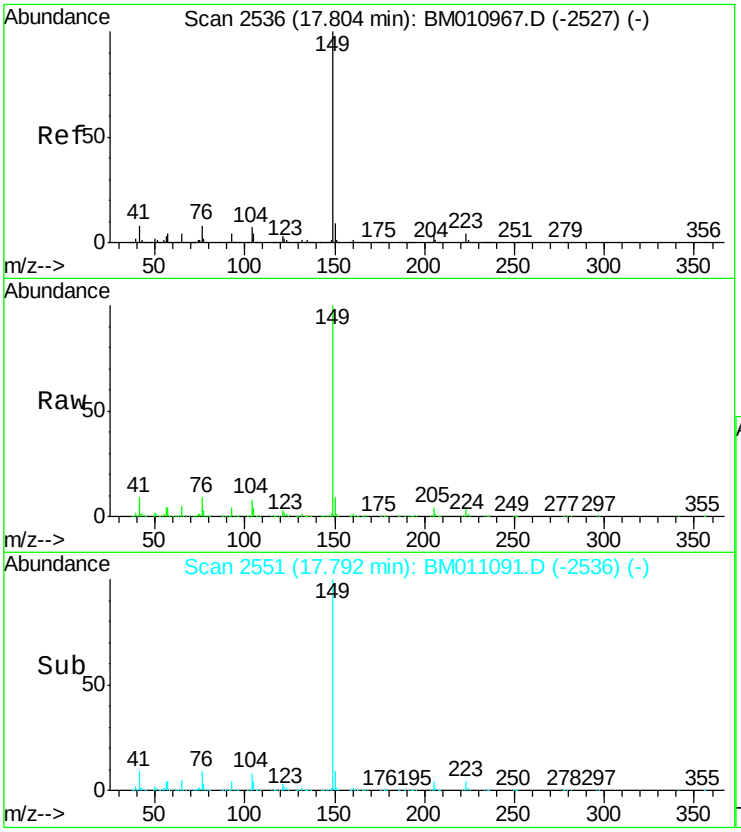




#72
Carbazole
Concen: 42.64 ng
RT: 17.21 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:167 Resp: 3517104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.2 | 25.8 |
| 139 | 13.6 | 10.8 | 16.2 |



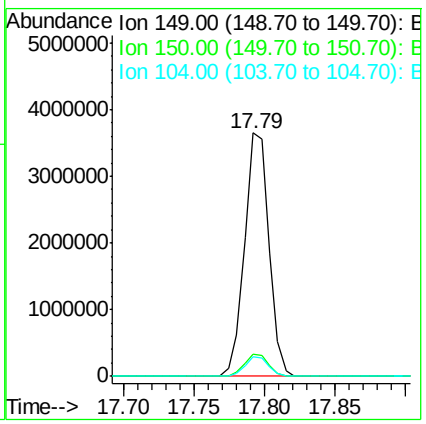


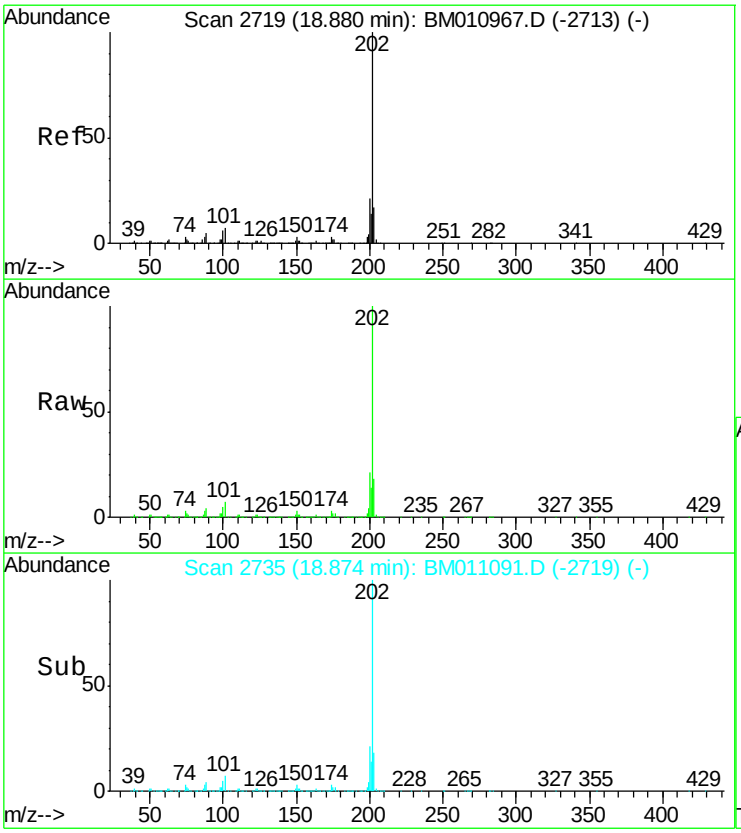

#73
Di-n-butylphthalate
Concen: 44.03 ng
RT: 17.79 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:149 Resp: 4422641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.5 | 11.3 |
| 104 | 7.9 | 3.7 | 5.5# |

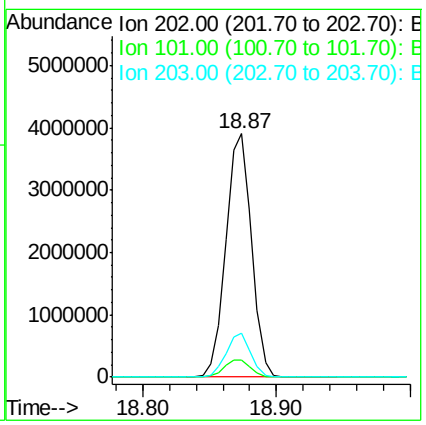


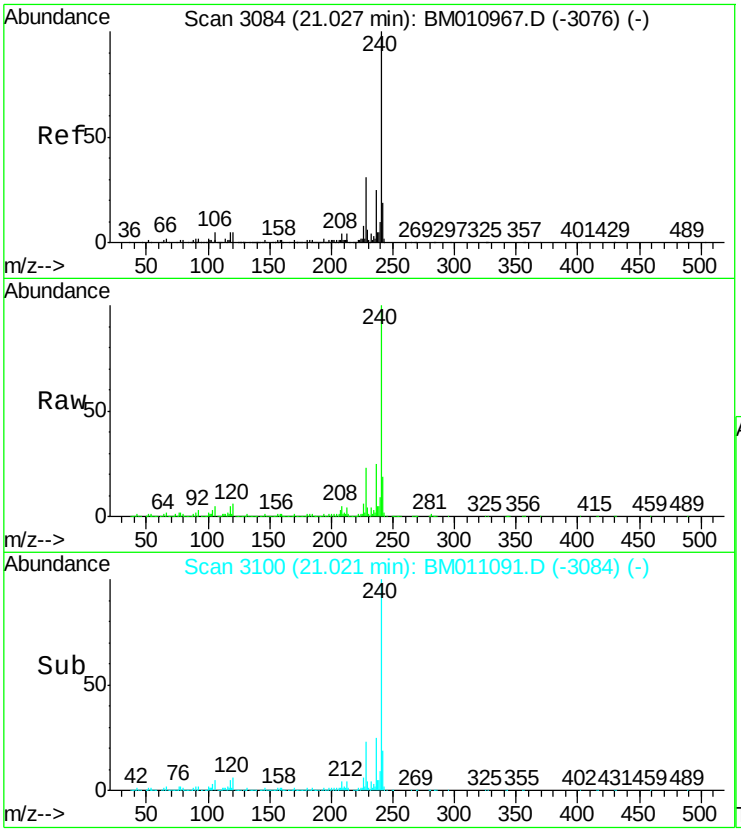




#74
Fluoranthene
Concen: 44.71 ng
RT: 18.87 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:202 Resp: 5240749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 0.0 | 28.7 |
| 203 | 17.8 | 0.0 | 37.2 |



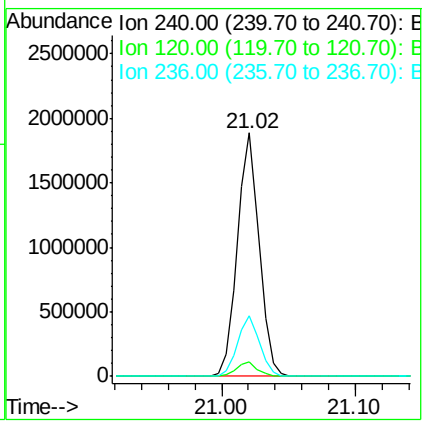


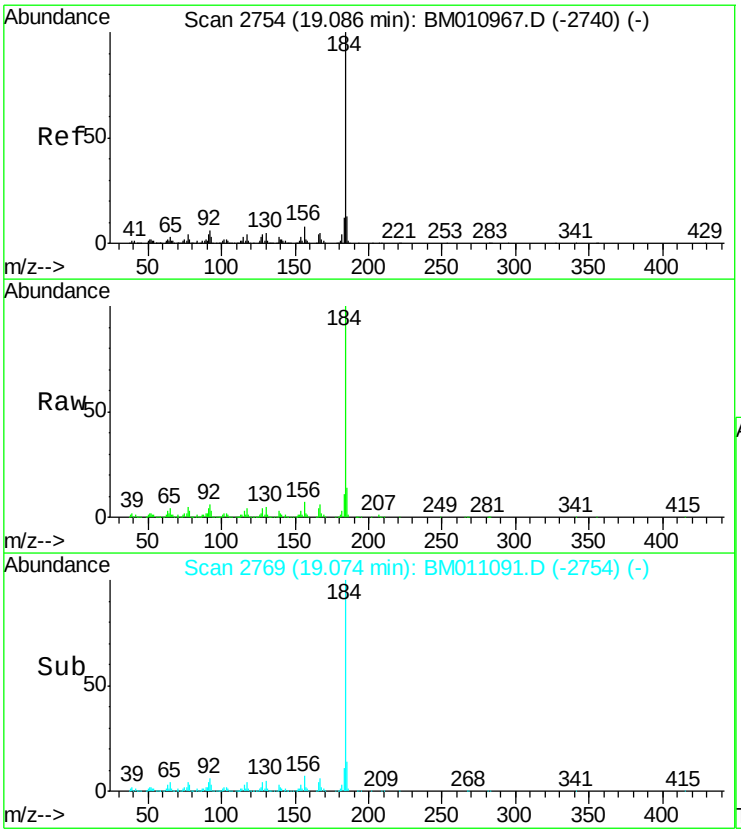

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:240 Resp: 2142309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 8.2 | 12.2# |
| 236 | 24.7 | 20.0 | 30.0 |

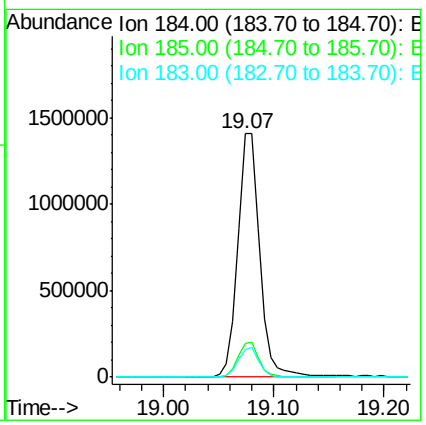


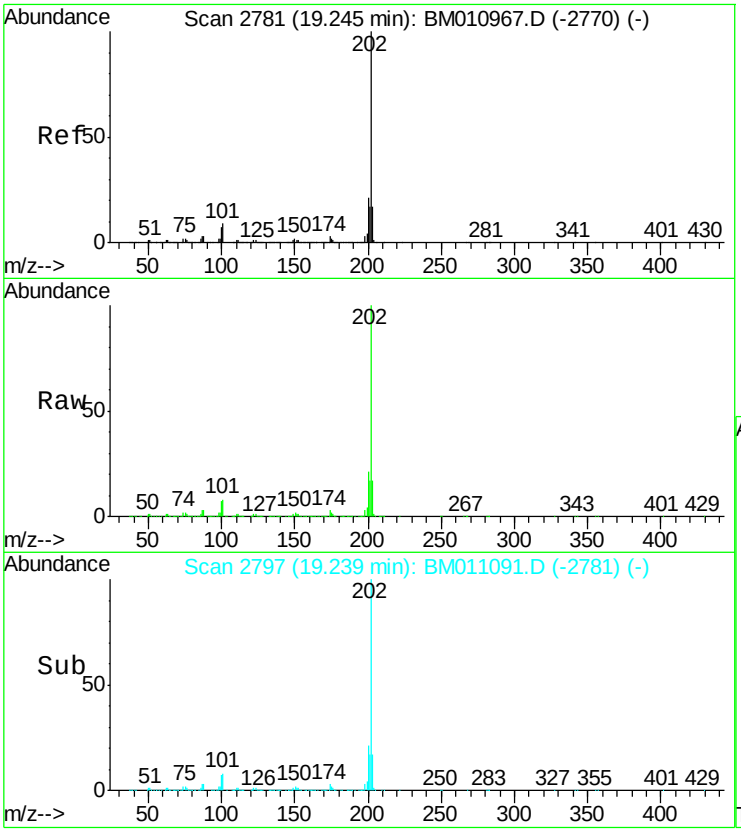




#76
Benzidine
Concen: 38.25 ng
RT: 19.07 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:184 Resp: 1960273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.8 | 11.3 | 16.9 |
| 183 | 11.0 | 8.9 | 13.3 |



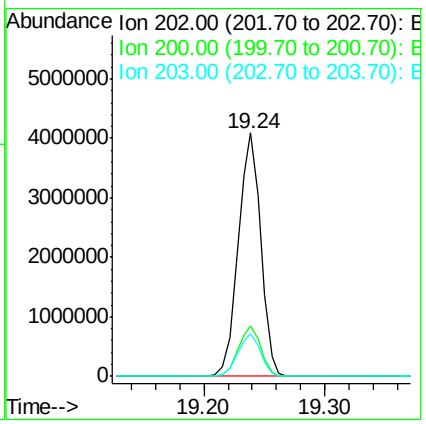


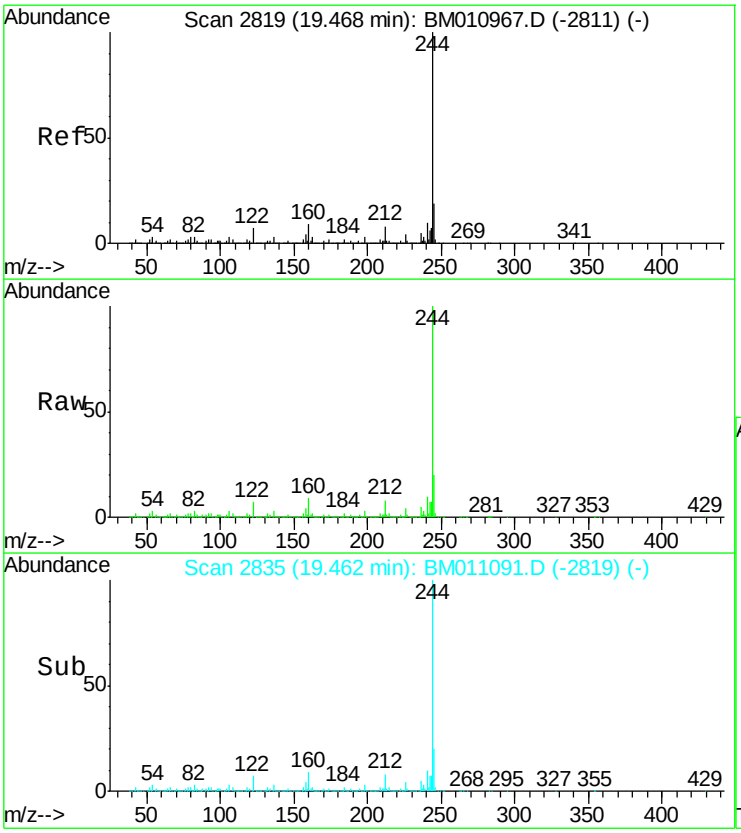

#77
Pyrene
Concen: 41.76 ng
RT: 19.24 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:202 Resp: 5315758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.9 | 25.3 |
| 203 | 17.3 | 14.1 | 21.1 |

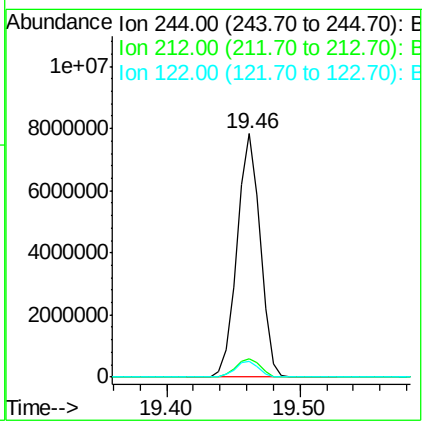


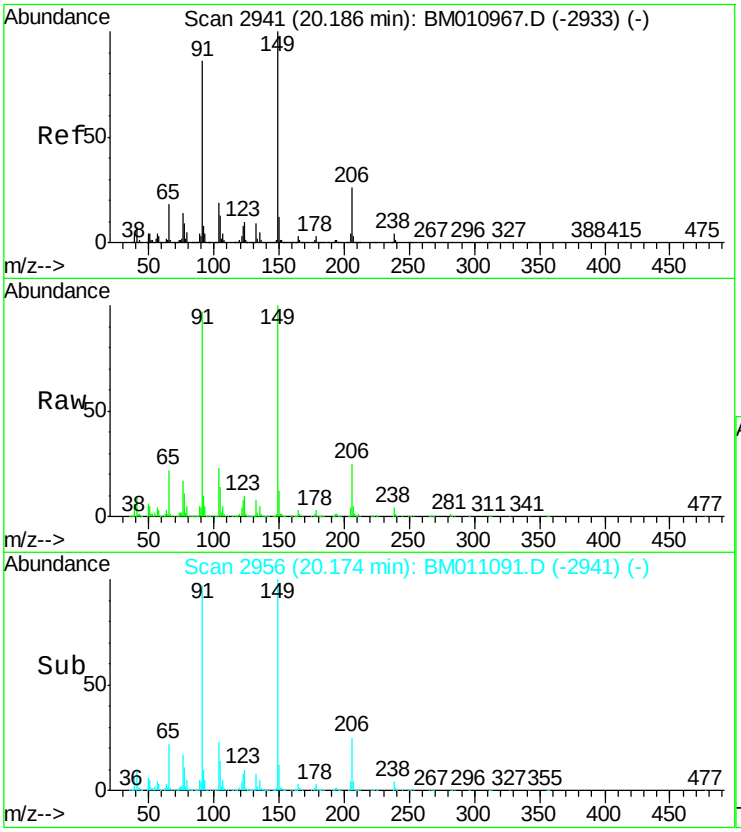




#78
Terphenyl-d14
Concen: 86.53 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:244 Resp: 9357795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 4.9 | 7.3# |
| 122 | 6.6 | 6.2 | 9.4 |



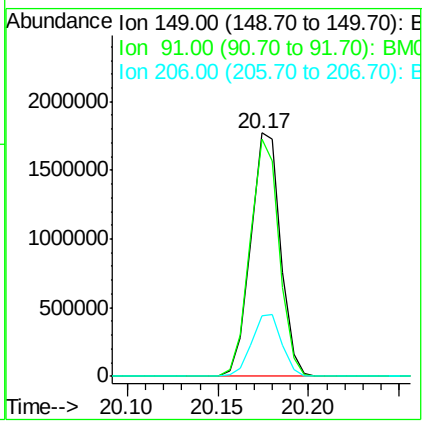


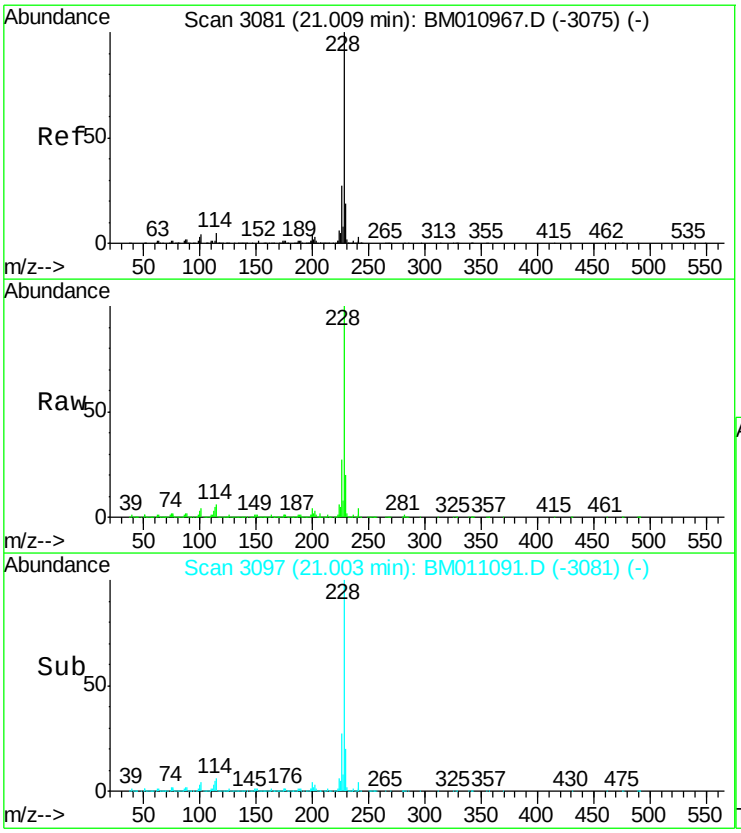

#79
Butylbenzylphthalate
Concen: 44.76 ng
RT: 20.17 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:149 Resp: 2026061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 97.3 | 50.1 | 75.1# |
| 206 | 25.1 | 16.2 | 24.2# |

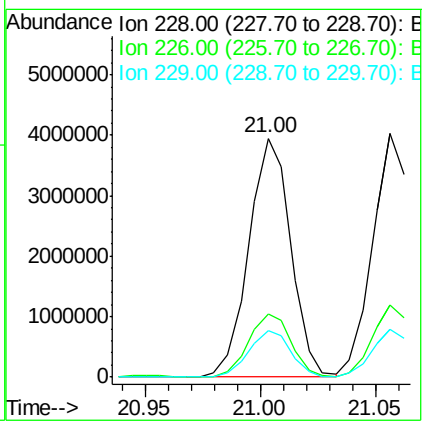


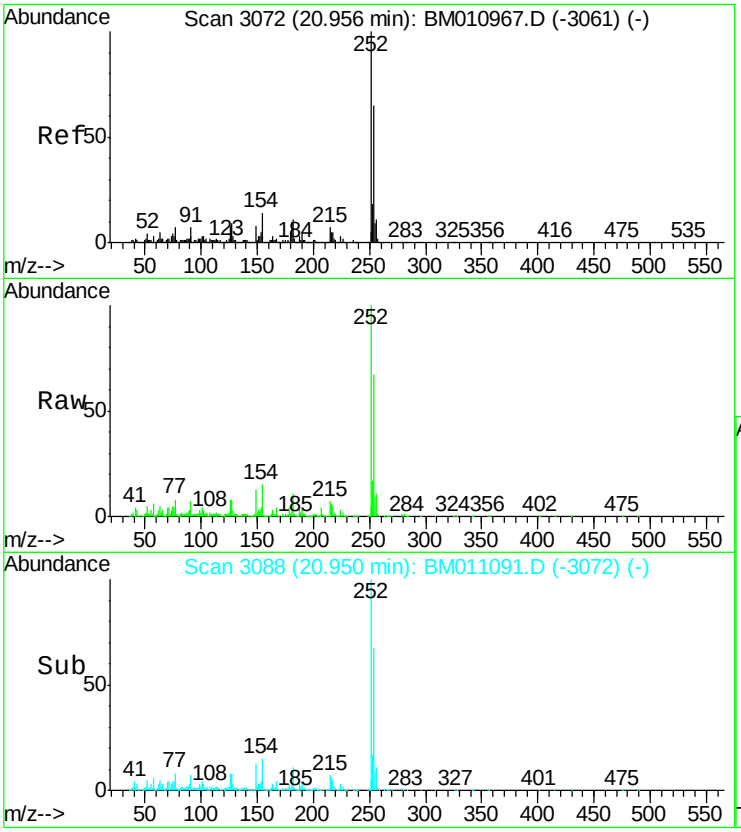




#80
Benzo(a)anthracene
Concen: 41.00 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:228 Resp: 5015112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 21.7 | 32.5 |
| 229 | 19.7 | 16.0 | 24.0 |



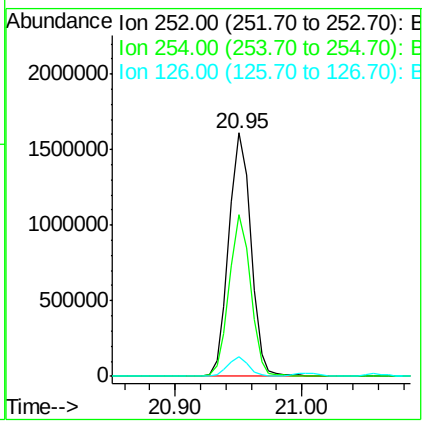


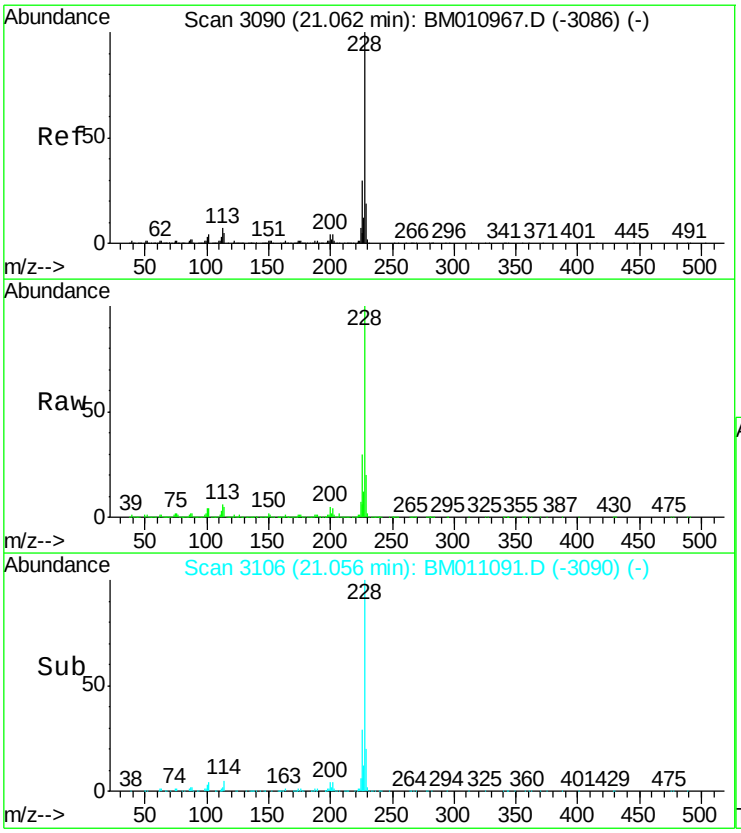

#81
3,3'-Dichlorobenzidine
Concen: 40.45 ng
RT: 20.95 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:252 Resp: 1940922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.5 | 51.9 | 77.9 |
| 126 | 7.9 | 9.8 | 14.8# |

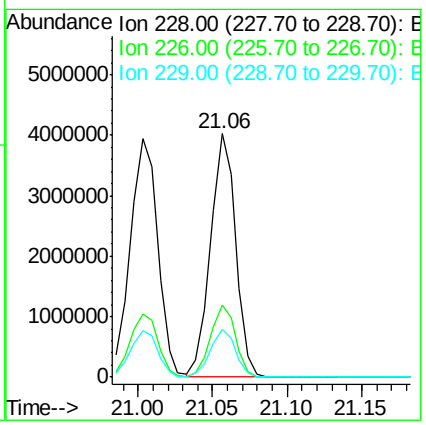


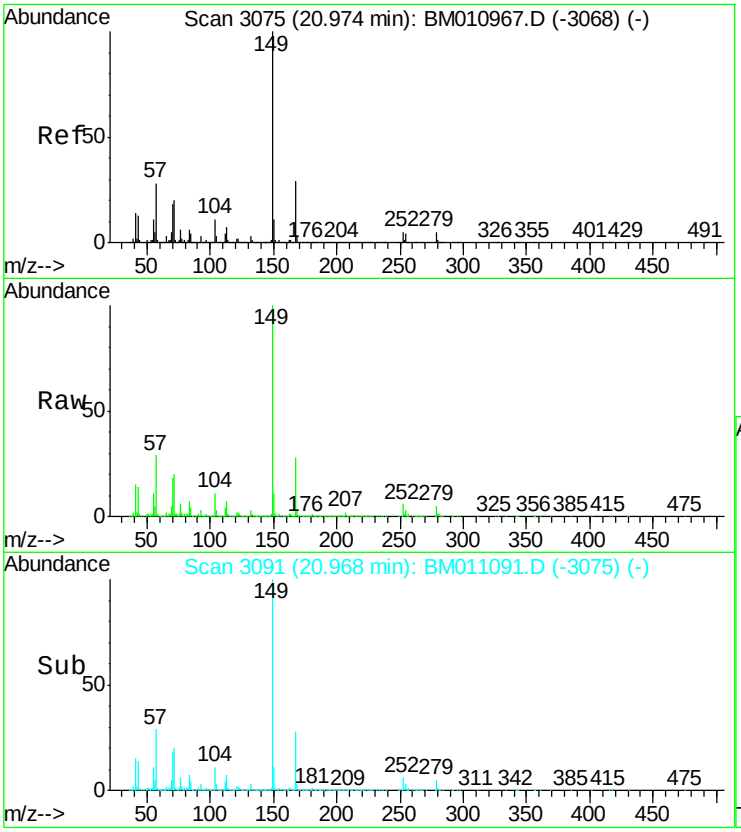




#82
Chrysene
Concen: 40.19 ng
RT: 21.06 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:228 Resp: 4719614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 24.1 | 36.1 |
| 229 | 19.8 | 15.5 | 23.3 |



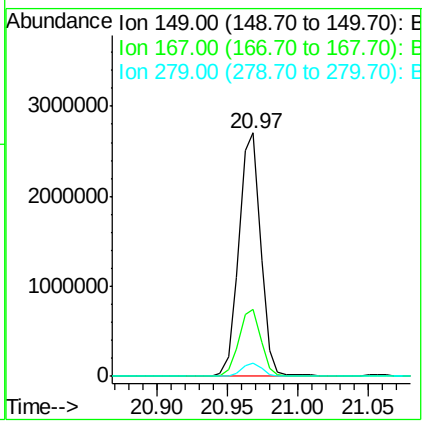


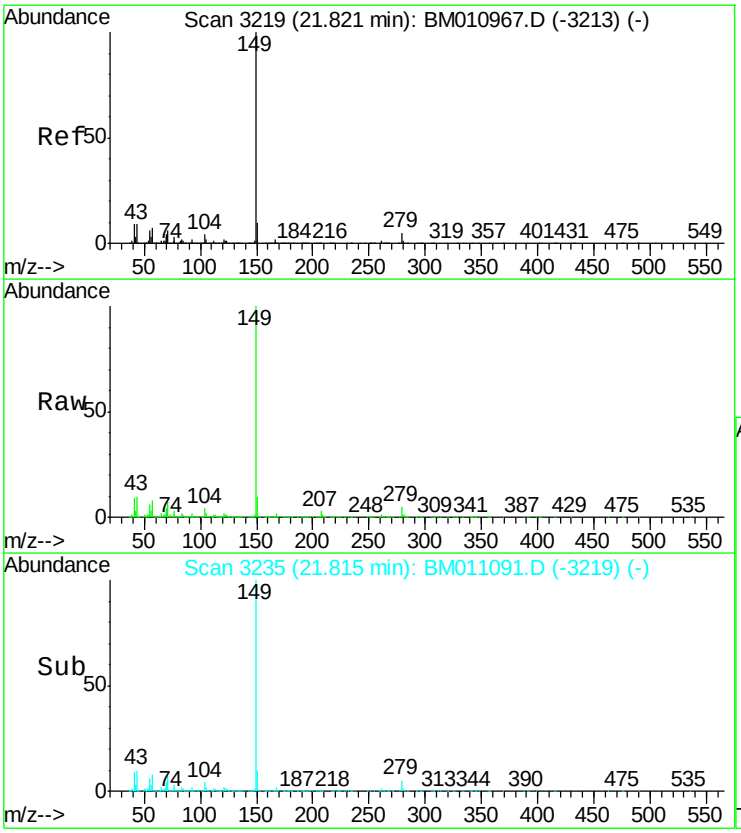

#83
Bis(2-ethylhexyl)phthalate
Concen: 43.80 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:149 Resp: 2916859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.4 | 33.6 |
| 279 | 5.2 | 3.4 | 5.0# |

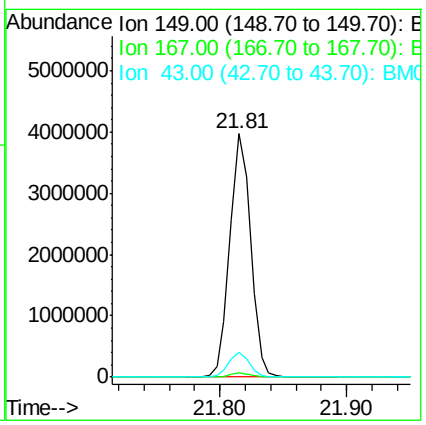


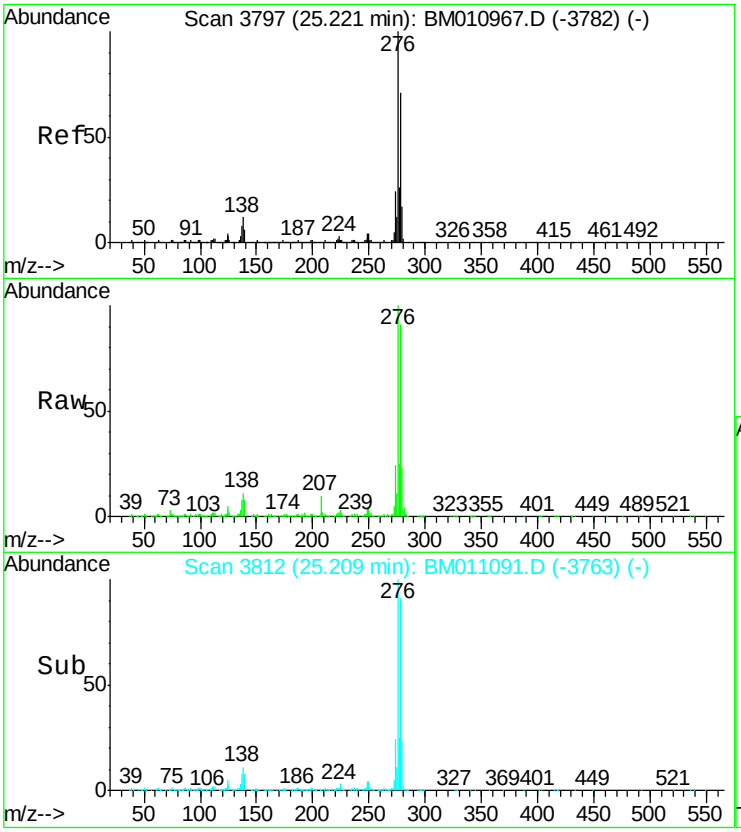




#84
Di-n-octyl phthalate
Concen: 41.47 ng
RT: 21.81 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:149 Resp: 4481639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 10.2 | 7.3 | 10.9 |



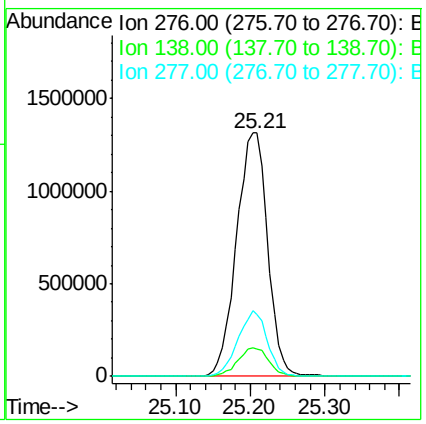


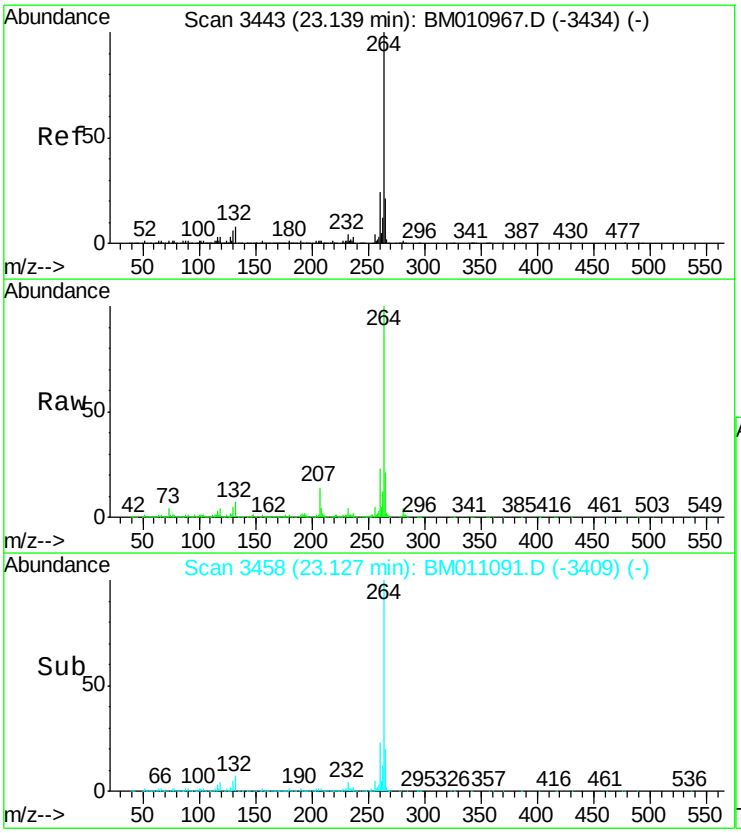

#85
Indeno(1,2,3-cd)pyrene
Concen: 31.33 ng
RT: 25.21 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:276 Resp: 3809489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 11.7 | 12.0 | 18.0# |
| 277 | 25.6 | 20.0 | 30.0 |

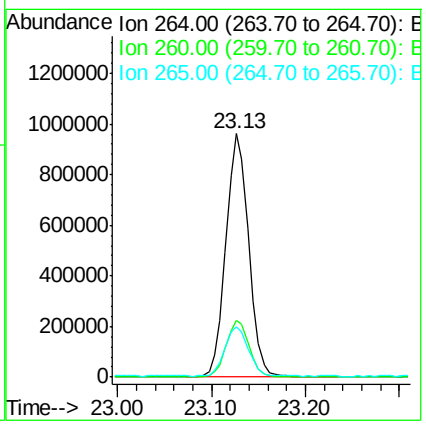


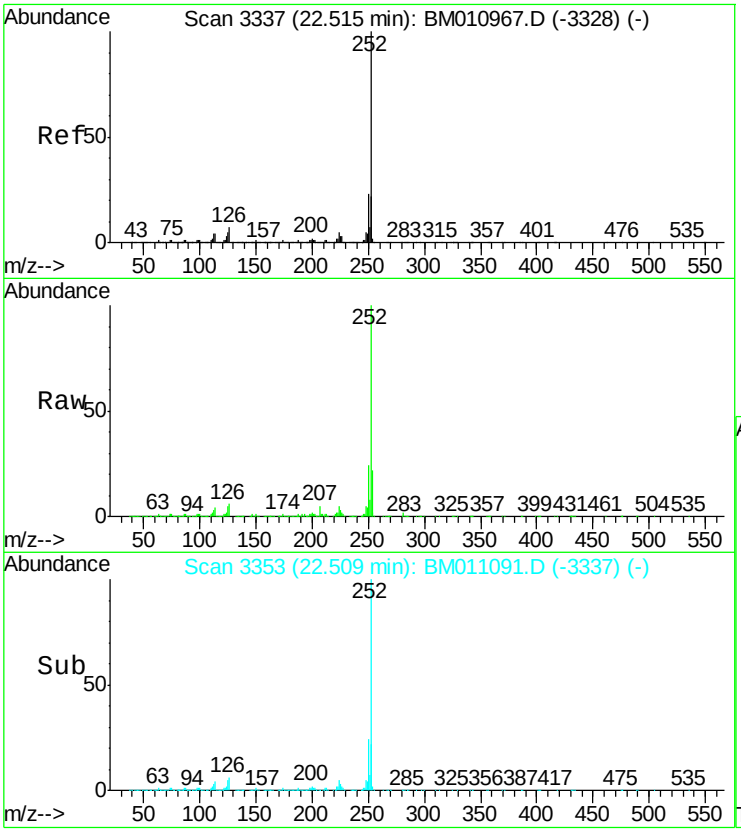




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:264 Resp: 1614989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.6 | 27.8 |
| 265 | 20.7 | 17.3 | 25.9 |



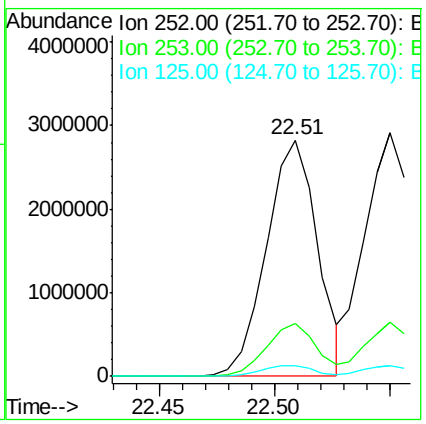


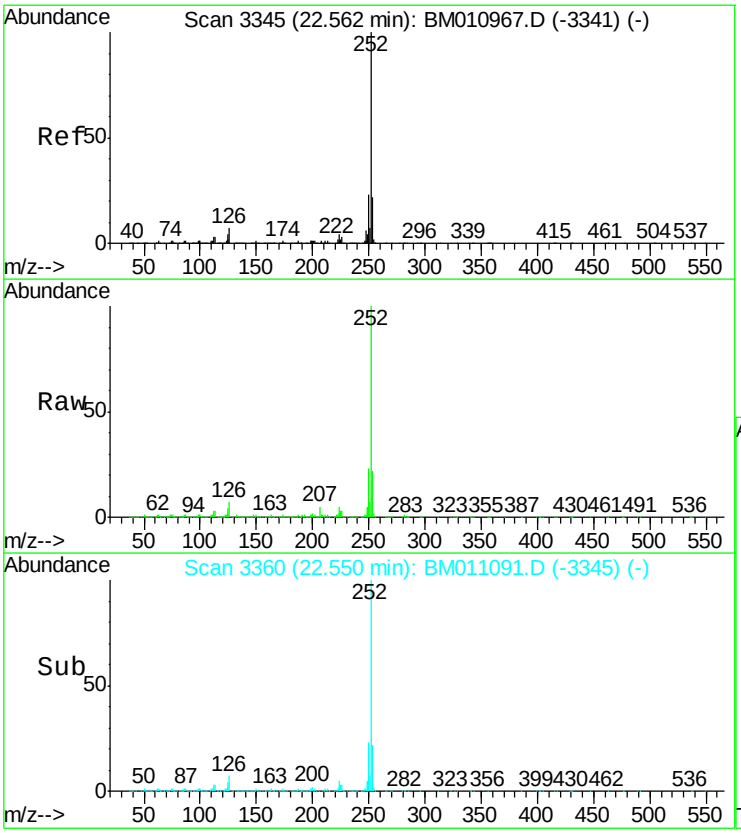

#87
Benzo(b)fluoranthene
Concen: 41.73 ng
RT: 22.51 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:252 Resp: 4325632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.0 | 27.0 |
| 125 | 4.7 | 9.9 | 14.9# |

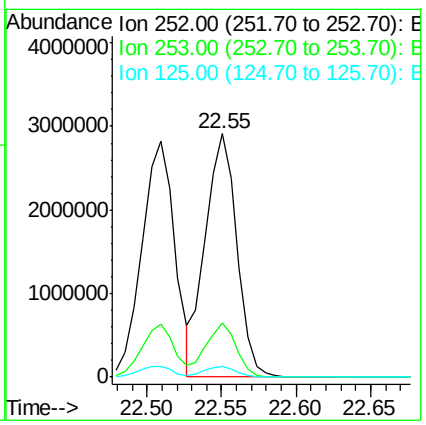


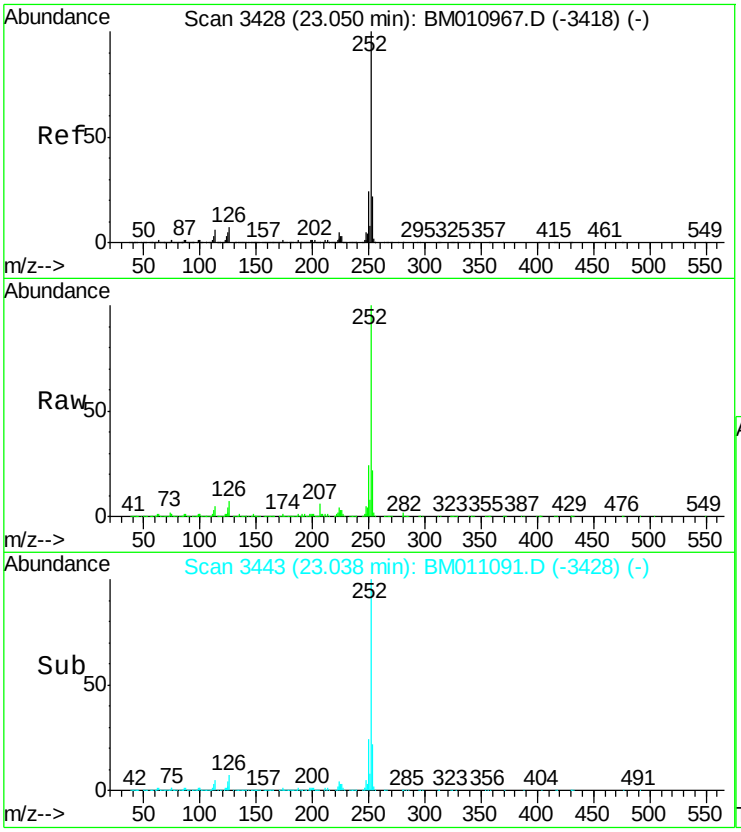




#88
Benzo(k)fluoranthene
Concen: 43.05 ng
RT: 22.55 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:252 Resp: 4277278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.2 | 25.8 |
| 125 | 4.4 | 8.1 | 12.1# |



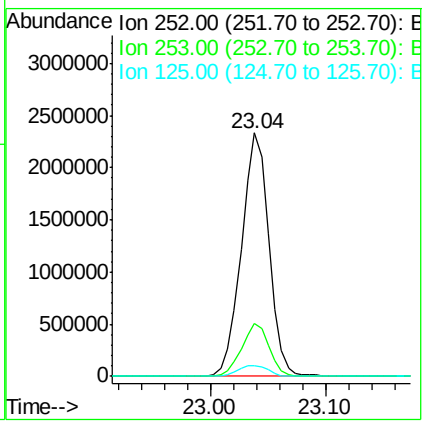


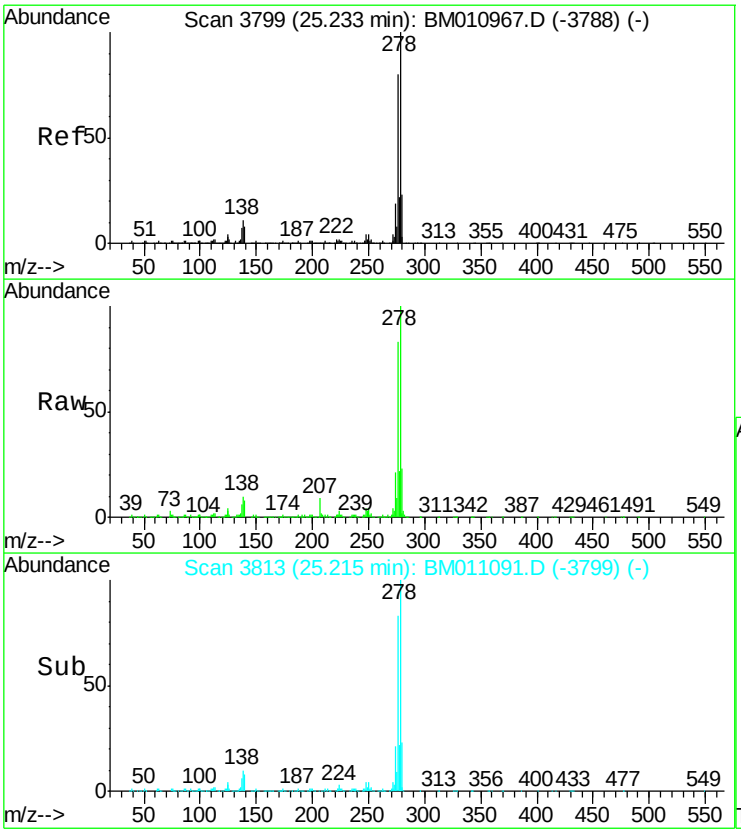

#89
Benzo(a)pyrene
Concen: 41.19 ng
RT: 23.04 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:252 Resp: 3863576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.6 | 26.4 |
| 125 | 4.5 | 7.4 | 11.2# |

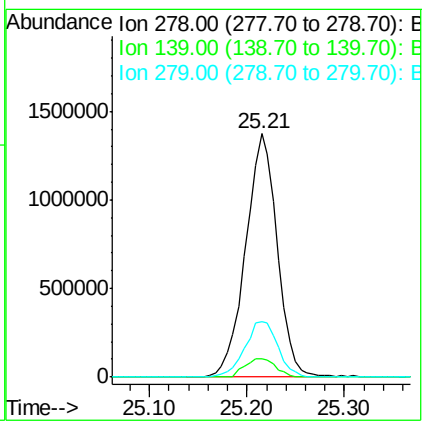


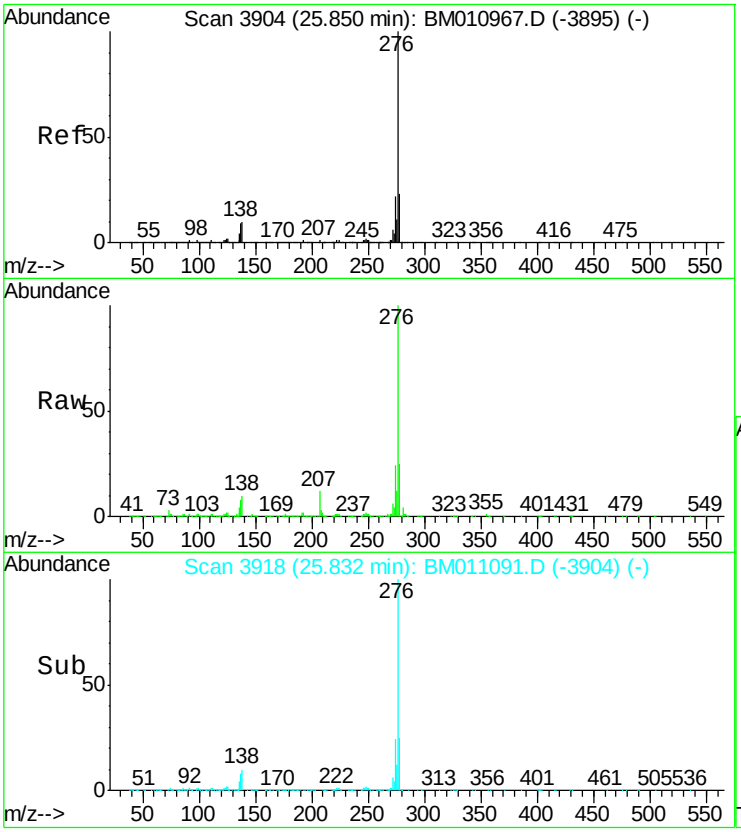




#90
Dibenzo(a,h)anthracene
Concen: 35.60 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

Tgt Ion:278 Resp: 3095391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.6 | 13.4 | 20.0# |
| 279 | 22.6 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 34.87 ng
RT: 25.83 min Scan# 3918
Delta R.T. -0.02 min
Lab File: BM011091.D
Acq: 02 Aug 2017 10:54

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

Tgt Ion:276 Resp: 2976763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.5 | 27.7 |
| 138 | 10.0 | 19.0 | 28.6# |