Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018261.D
Acq On : 17 Dec 2018 23:43
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB115777BSD

Quant Time: Dec 18 00:54:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 126880 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.26 | 136 | 450514 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.15 | 164 | 208617 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 16.91 | 188 | 370475 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.13 | 240 | 364349 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 23.29 | 264 | 447291 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.13 | 112 | 652136 | 85.86 | ng | 0.00 |
| 7) Phenol-d6 | 6.69 | 99 | 825557 | 78.20 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.65 | 82 | 797224 | 90.77 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.66 | 330 | 216138 | 70.59 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 12.76 | 172 | 1510989 | 93.81 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.57 | 244 | 1248634 | 77.51 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.13 | 88 | 104010 | 34.569 | ng | 96 |
| 3) Pyridine | 3.50 | 79 | 310650 | 35.096 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.43 | 42 | 132858 | 43.608 | ng | 94 |
| 6) Aniline | 6.84 | 93 | 198582 | 14.995 | ng | 100 |
| 8) 2-Chlorophenol | 7.06 | 128 | 336527 | 37.500 | ng | 98 |
| 9) Benzaldehyde | 6.66 | 77 | 104925 | 16.306 | ng | 97 |
| 10) Phenol | 6.72 | 94 | 410368 | 36.704 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.94 | 93 | 309649 | 34.848 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.38 | 146 | 358016 | 35.726 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.53 | 146 | 369212 | 36.282 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.83 | 146 | 354366 | 36.124 | ng | 98 |
| 15) Benzyl Alcohol | 7.75 | 79 | 291237 | 33.856 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.03 | 45 | 259927 | 32.506 | ng | 95 |
| 17) 2-Methylphenol | 7.95 | 107 | 267873 | 35.882 | ng | 96 |
| 18) Hexachloroethane | 8.54 | 117 | 135044 | 36.206 | ng | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.30 | 70 | 257229 | 32.633 | ng | 98 |
| 20) 3+4-Methylphenols | 8.27 | 107 | 349808 | 33.440 | ng | 99 |
| 22) Acetophenone | 8.32 | 105 | 486377 | 40.796 | ng | 99 |
| 24) Nitrobenzene | 8.69 | 77 | 376037 | 42.848 | ng | 96 |
| 25) Isophorone | 9.21 | 82 | 636822 | 43.550 | ng | 99 |
| 26) 2-Nitrophenol | 9.39 | 139 | 169446 | 39.366 | ng | 94 |
| 27) 2,4-Dimethylphenol | 9.46 | 122 | 276379 | 44.552 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.70 | 93 | 395906 | 41.536 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.93 | 162 | 272238 | 39.580 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.13 | 180 | 316380 | 40.439 | ng | 93 |
| 31) Naphthalene | 10.30 | 128 | 943656 | 42.837 | ng | 100 |
| 32) Benzoic acid | 9.63 | 122 | 149847 | 25.509 | ng | 96 |
| 33) 4-Chloroaniline | 10.45 | 127 | 52300 | 5.420 | ng | 97 |
| 34) Hexachlorobutadiene | 10.57 | 225 | 197901 | 39.995 | ng | 97 |
| 35) Caprolactam | 11.24 | 113 | 69289 | 26.437 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 11.58 | 107 | 283479 | 34.300 | ng | 97 |
| 37) 2-Methylnaphthalene | 11.93 | 142 | 645216 | 41.532 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.16 | 142 | 611561 | 40.343 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.31 | 216 | 324808 | 45.277 | ng | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
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Acq On : 17 Dec 2018 23:43
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB115777BSD

Quant Time: Dec 18 00:54:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.27 | 237 | 307435 | 96.056 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.57 | 196 | 200302 | 43.412 | ng | | 93 |
| 44) 2,4,5-Trichlorophenol | 12.65 | 196 | 201665 | 41.170 | ng | | 94 |
| 46) 1,1'-Biphenyl | 12.97 | 154 | 777225 | 41.412 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.01 | 162 | 590383 | 42.739 | ng | | 98 |
| 48) 2-Nitroaniline | 13.25 | 65 | 166597 | 39.151 | ng | | 96 |
| 49) Acenaphthylene | 13.87 | 152 | 920153 | 44.203 | ng | | 100 |
| 50) Dimethylphthalate | 13.63 | 163 | 679116 | 39.156 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.75 | 165 | 146238 | 38.355 | ng | | 90 |
| 52) Acenaphthene | 14.22 | 154 | 522024 | 41.034 | ng | | 99 |
| 53) 3-Nitroaniline | 14.09 | 138 | 58323 | 14.536 | ng | # | 84 |
| 54) 2,4-Dinitrophenol | 14.31 | 184 | 122675 | 58.327 | ng | | 97 |
| 55) Dibenzofuran | 14.56 | 168 | 814013 | 39.821 | ng | | 100 |
| 56) 4-Nitrophenol | 14.42 | 139 | 191669 | 63.006 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.56 | 165 | 194392 | 36.886 | ng | # | 91 |
| 58) Fluorene | 15.21 | 166 | 642978 | 40.726 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.79 | 232 | 163666 | 37.100 | ng | # | 96 |
| 60) Diethylphthalate | 15.00 | 149 | 659540 | 35.238 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.21 | 204 | 331338 | 37.108 | ng | | 98 |
| 62) 4-Nitroaniline | 15.26 | 138 | 106908 | 28.081 | ng | | 88 |
| 63) Azobenzene | 15.50 | 77 | 670020 | 39.259 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.32 | 198 | 82273 | 30.166 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.43 | 169 | 538159 | 43.928 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.11 | 248 | 188267 | 41.960 | ng | | 97 |
| 68) Hexachlorobenzene | 16.22 | 284 | 206394 | 41.989 | ng | | 98 |
| 69) Atrazine | 16.40 | 200 | 178224 | 43.092 | ng | | 99 |
| 70) Pentachlorophenol | 16.57 | 266 | 217933 | 67.133 | ng | | 99 |
| 71) Phenanthrene | 16.96 | 178 | 852515 | 42.364 | ng | | 100 |
| 72) Anthracene | 17.04 | 178 | 878394 | 43.999 | ng | | 100 |
| 73) Carbazole | 17.33 | 167 | 733606 | 35.802 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.90 | 149 | 954657 | 37.759 | ng | | 99 |
| 75) Fluoranthene | 18.99 | 202 | 886903 | 37.908 | ng | | 99 |
| 77) Benzidine | 19.20 | 184 | 357953 | 38.743 | ng | | 100 |
| 78) Pyrene | 19.35 | 202 | 901966 | 41.547 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.27 | 149 | 379714 | 36.766 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.12 | 228 | 916451 | 43.059 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.06 | 252 | 279176 | 32.833 | ng | | 95 |
| 83) Chrysene | 21.17 | 228 | 872009 | 42.596 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 565376 | 36.731 | ng | | 98 |
| 85) Di-n-octyl phthalate | 21.92 | 149 | 995040 | 39.472 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.43 | 276 | 1398862 | 68.598 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.65 | 252 | 1071062 | 42.629 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.70 | 252 | 1011893 | 40.439 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.20 | 252 | 1054810 | 44.141 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 25.43 | 278 | 1187966 | 53.667 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.07 | 276 | 1172712 | 56.045 | ng | | 99 |

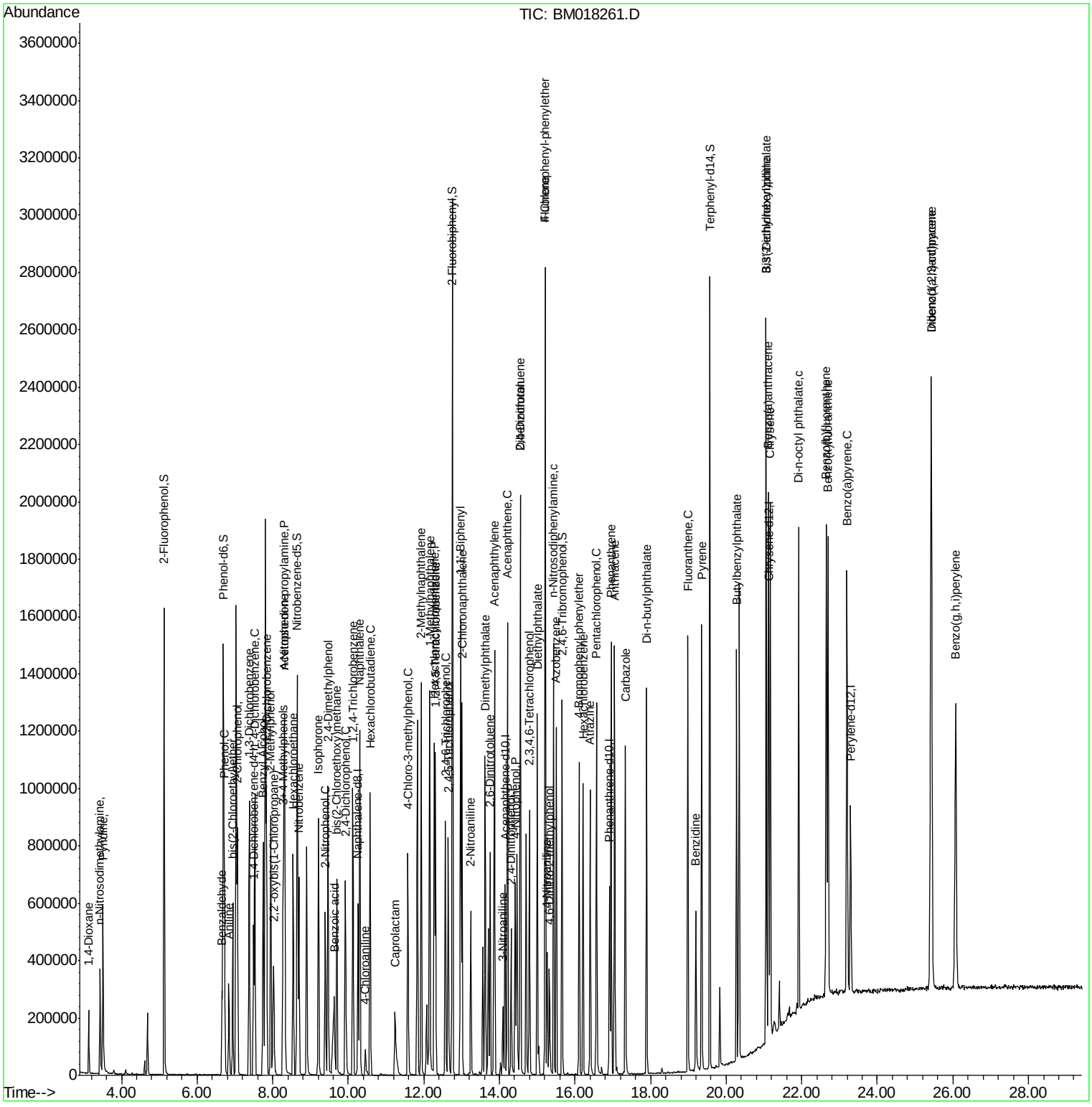
(#) = qualifier out of range (m) = manual integration (+) = signals summed

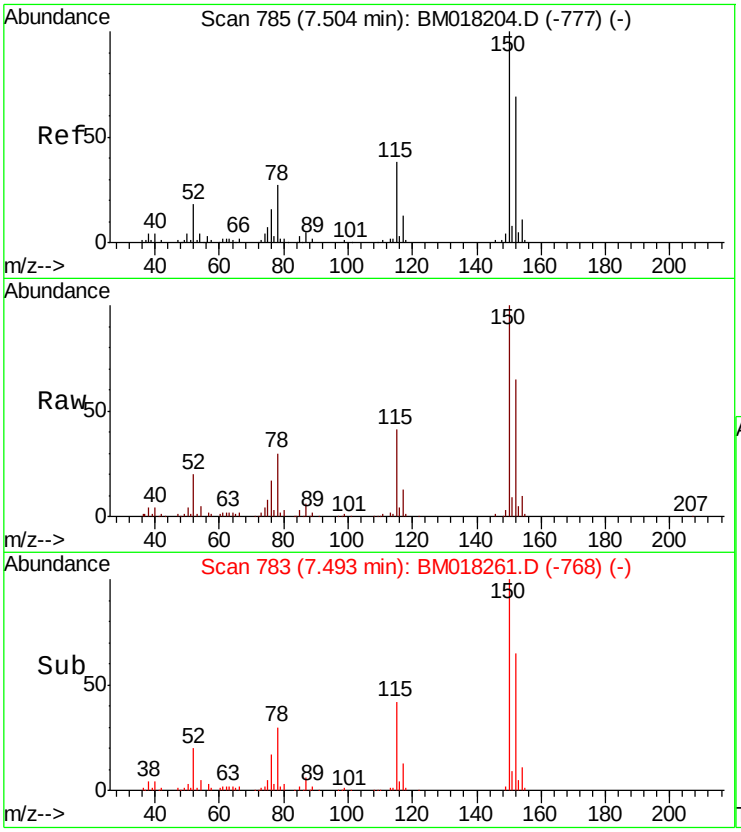
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018261.D
Acq On : 17 Dec 2018 23:43
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Quant Time: Dec 18 00:54:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration



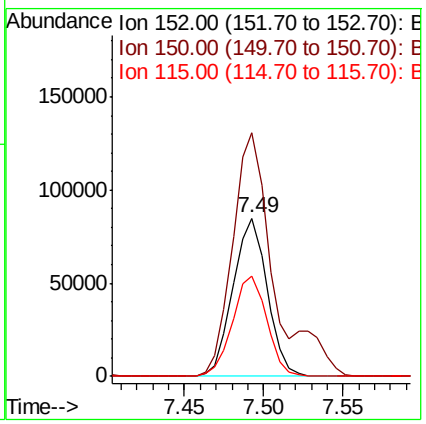


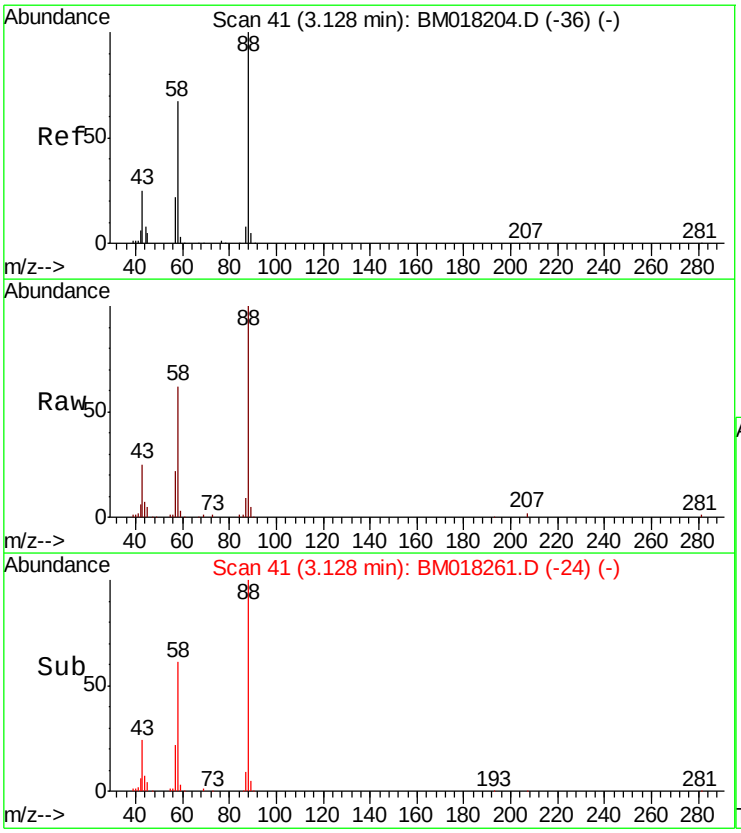

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:152 Resp: 126880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.0 | 116.1 | 174.1 |
| 115 | 63.4 | 44.6 | 67.0 |

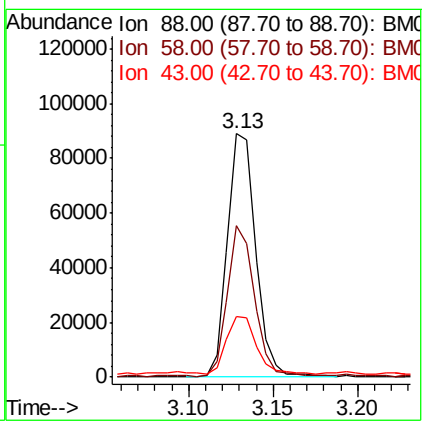


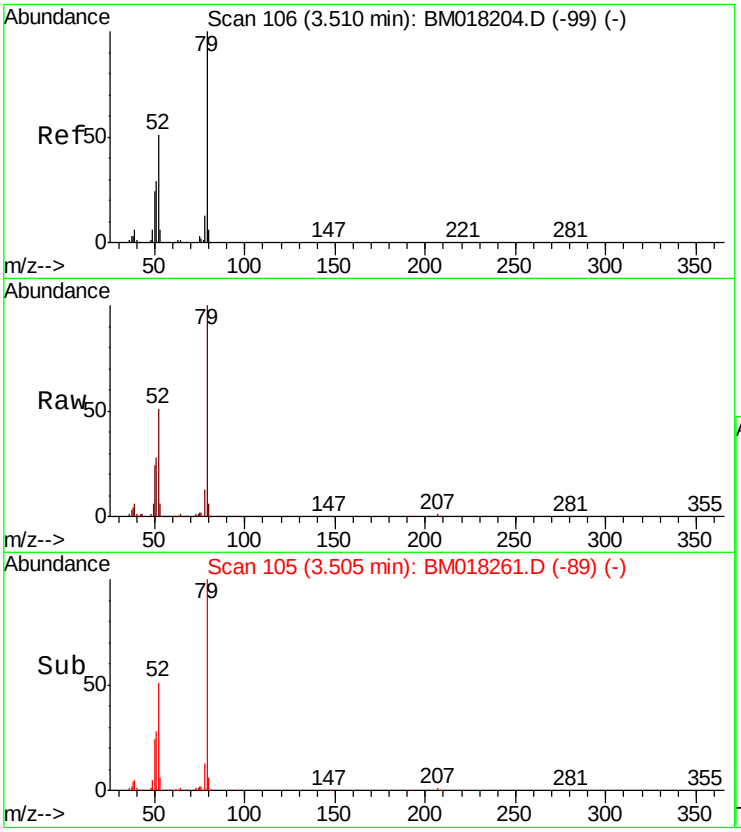




#2
1,4-Dioxane
Concen: 34.569 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 88 Resp: 104010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 58.5 | 49.8 | 74.6 |
| 43 | 24.2 | 19.1 | 28.7 |



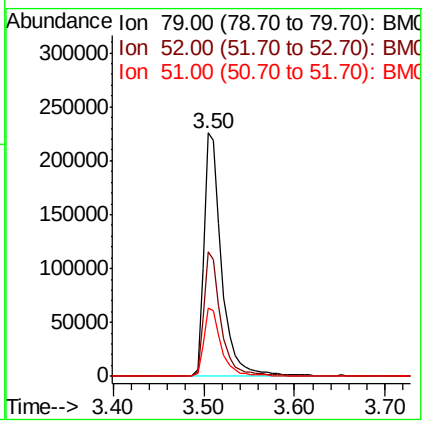


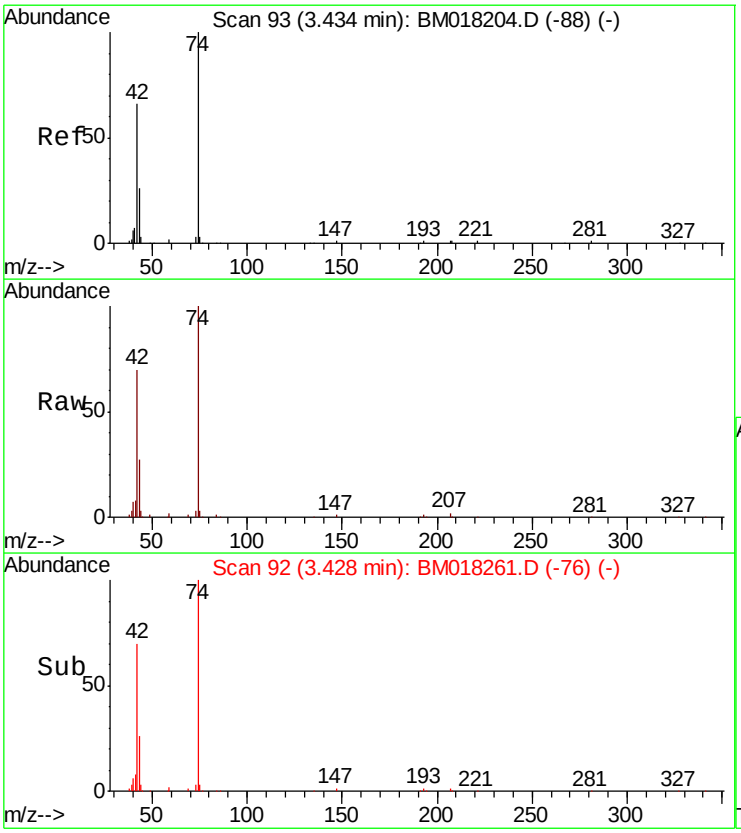

#3
Pyridine
Concen: 35.096 ng
RT: 3.50 min Scan# 105
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 79 Resp: 310650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 50.9 | 40.7 | 61.1 |
| 51 | 28.0 | 23.0 | 34.6 |

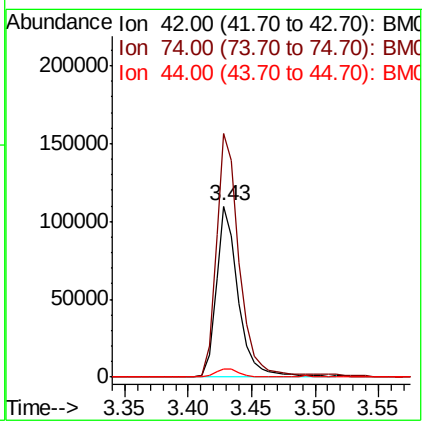


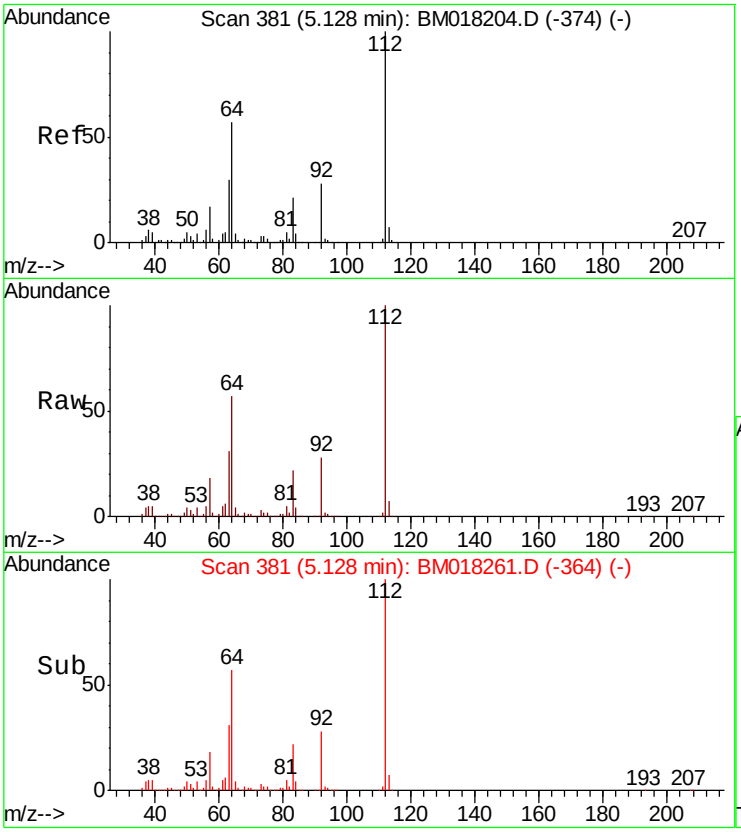




#4
n-Nitrosodimethylamine
Concen: 43.608 ng
RT: 3.43 min Scan# 92
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 42 Resp: 132858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.2 | 120.4 | 180.6 |
| 44 | 5.0 | 4.6 | 7.0 |



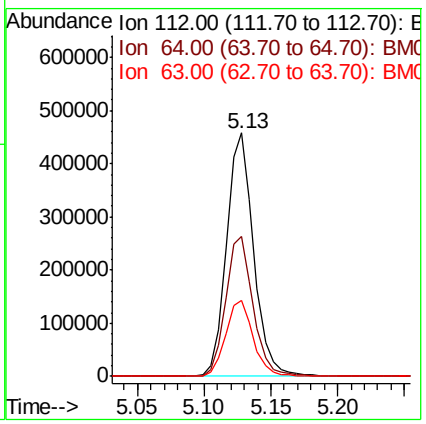


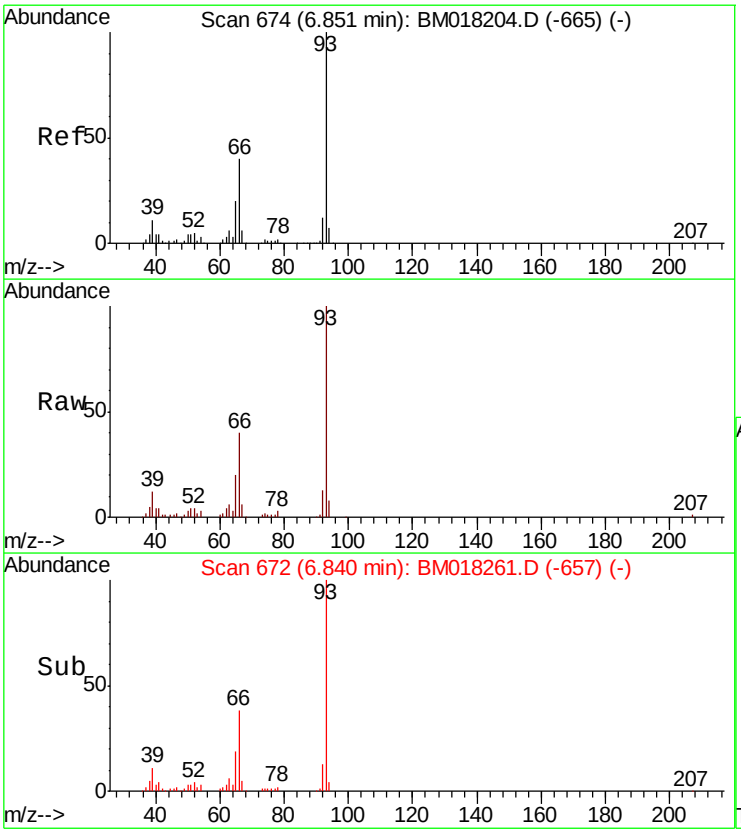

#5
2-Fluorophenol
Concen: 85.859 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:112 Resp: 652136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.3 | 45.4 | 68.2 |
| 63 | 31.3 | 24.0 | 36.0 |

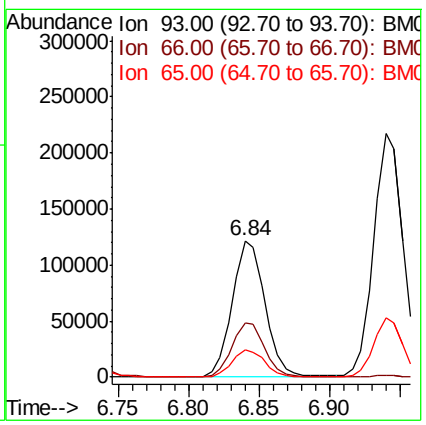


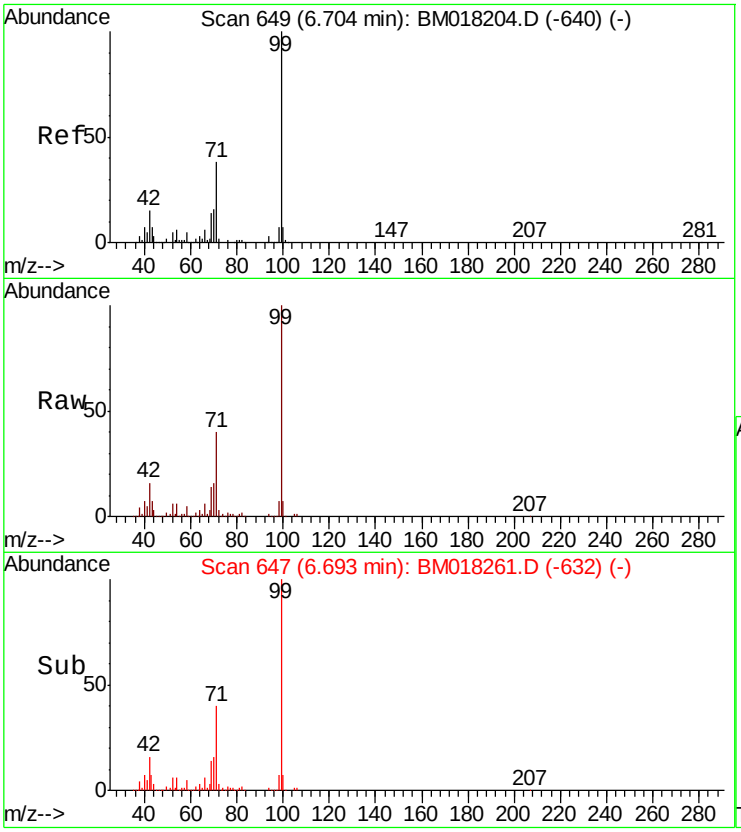




#6
Aniline
Concen: 14.995 ng
RT: 6.84 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 93 Resp: 198582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.1 | 32.3 | 48.5 |
| 65 | 20.3 | 16.2 | 24.4 |



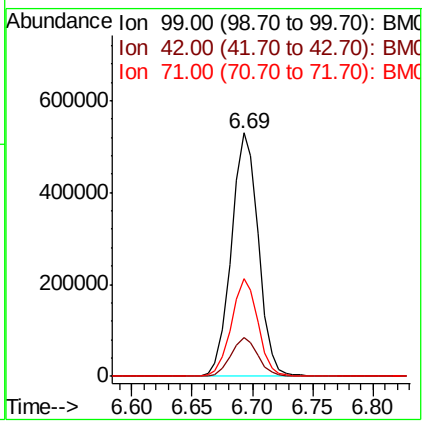


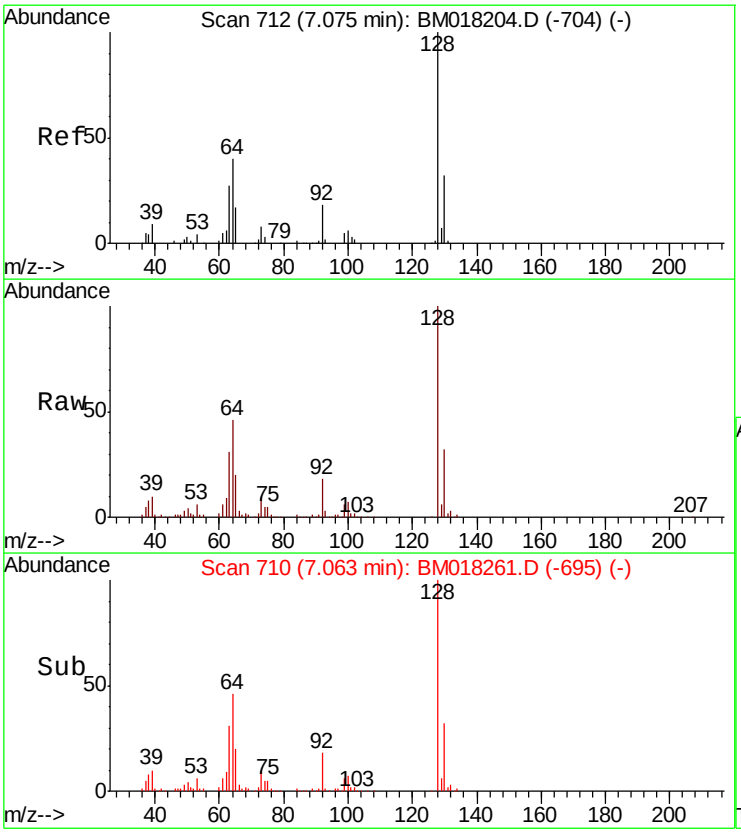

#7
Phenol-d6
Concen: 78.200 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 99 Resp: 825557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.3 | 18.5 |
| 71 | 40.2 | 30.2 | 45.2 |

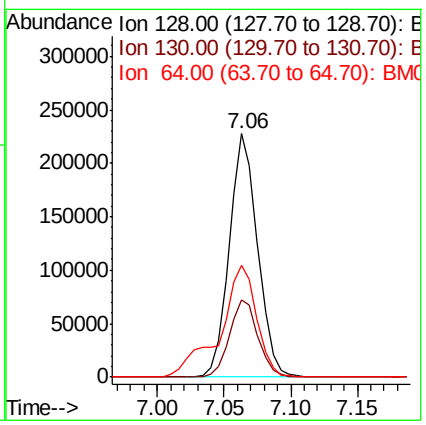


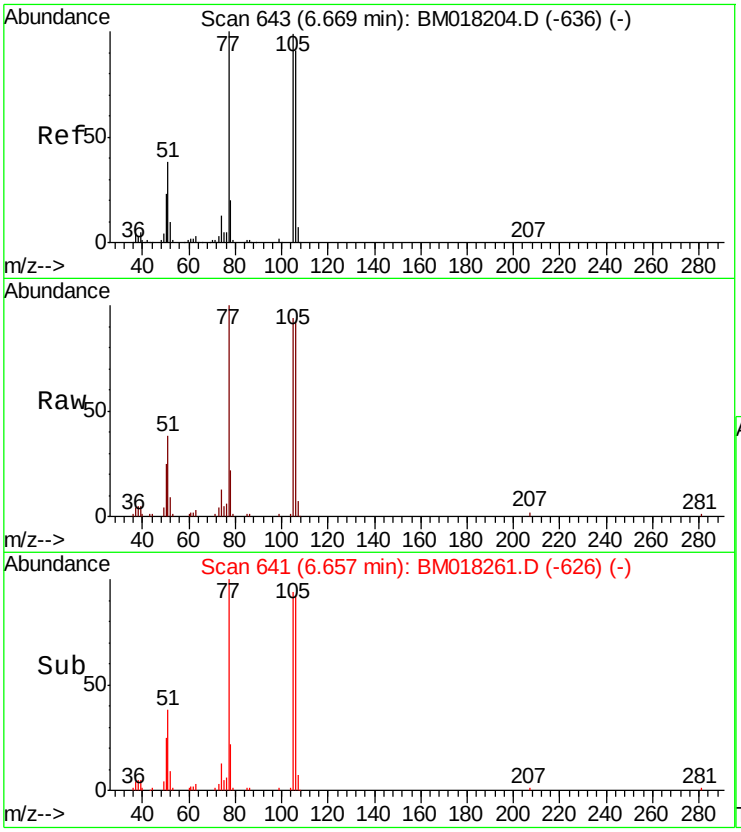




#8
2-Chlorophenol
Concen: 37.500 ng
RT: 7.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:128 Resp: 336527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 12.3 | 52.3 |
| 64 | 46.0 | 24.1 | 64.1 |



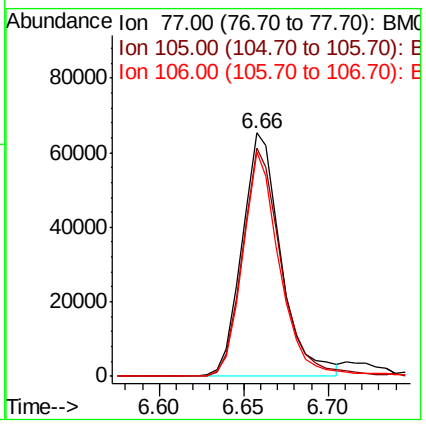


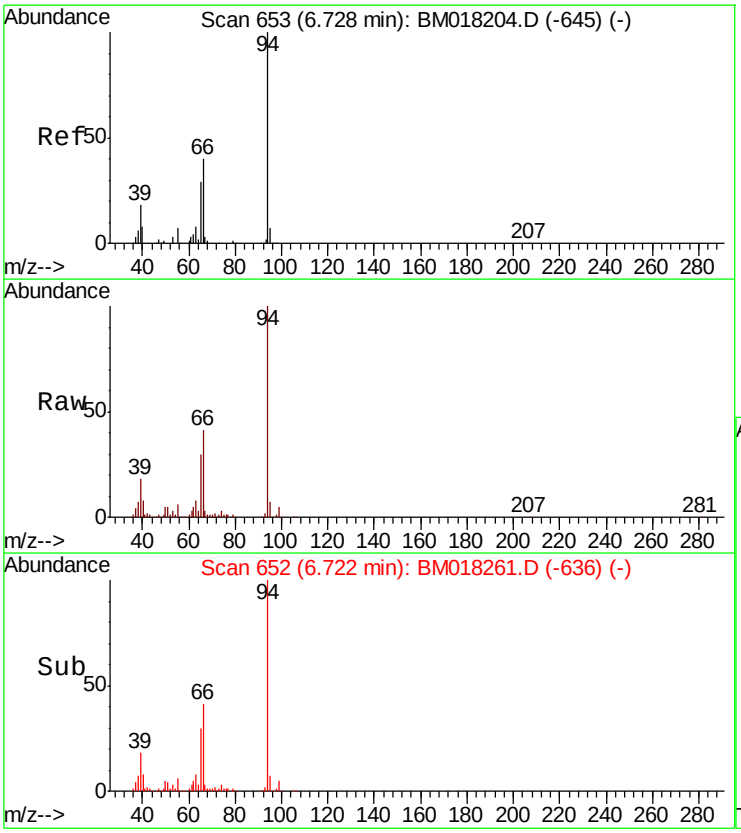

#9
Benzaldehyde
Concen: 16.306 ng
RT: 6.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 77 Resp: 104925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.0 | 78.8 | 118.8 |
| 106 | 92.1 | 70.7 | 110.7 |

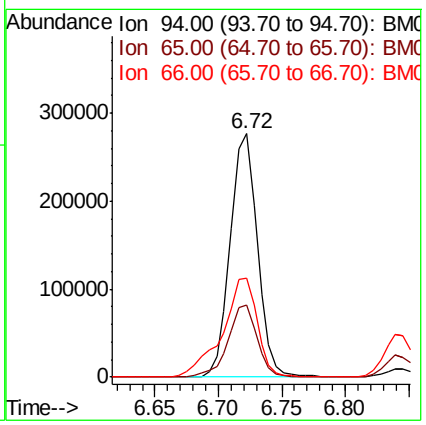


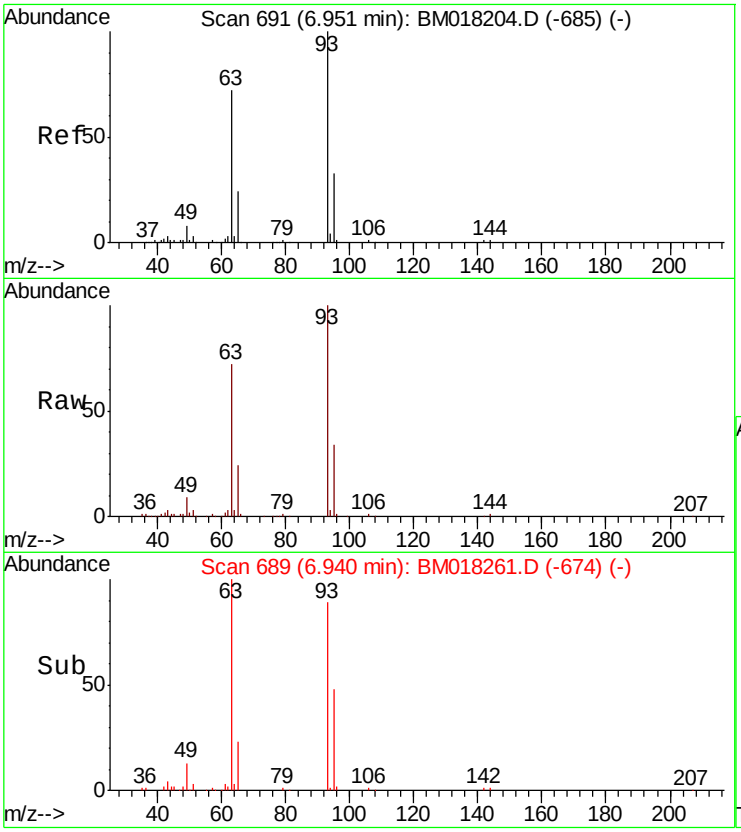




#10
Phenol
Concen: 36.704 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 94 Resp: 410368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.6 | 9.5 | 49.5 |
| 66 | 40.6 | 21.3 | 61.3 |



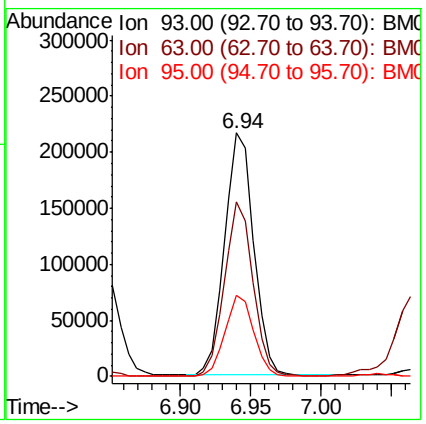


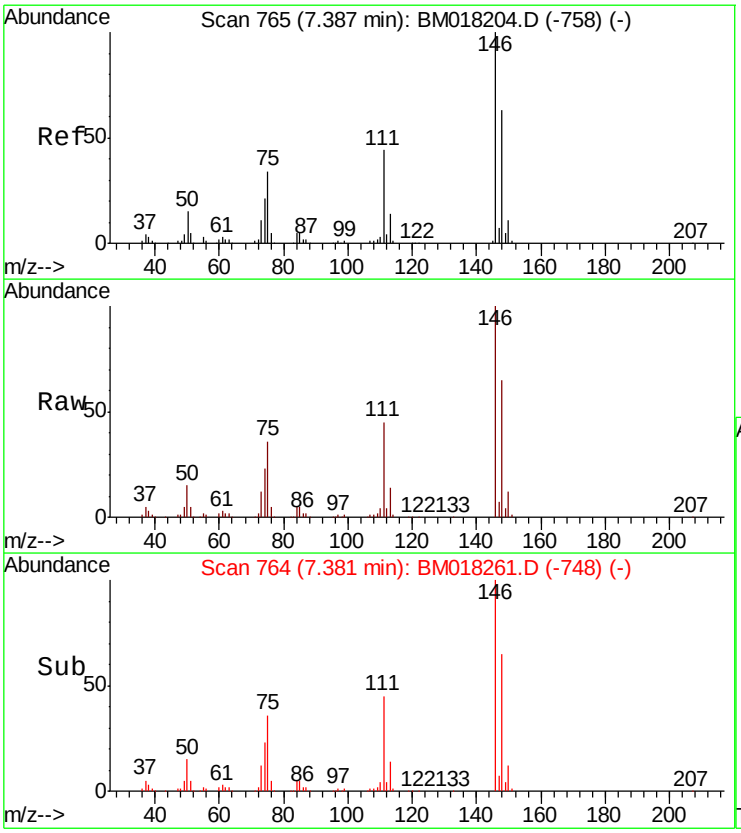

#11
bis(2-Chloroethyl)ether
Concen: 34.848 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 93 Resp: 309649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.8 | 51.7 | 91.7 |
| 95 | 33.5 | 13.1 | 53.1 |

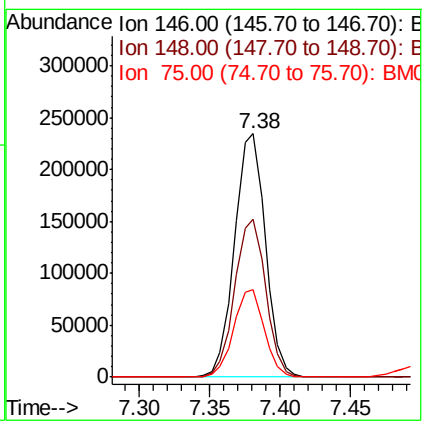


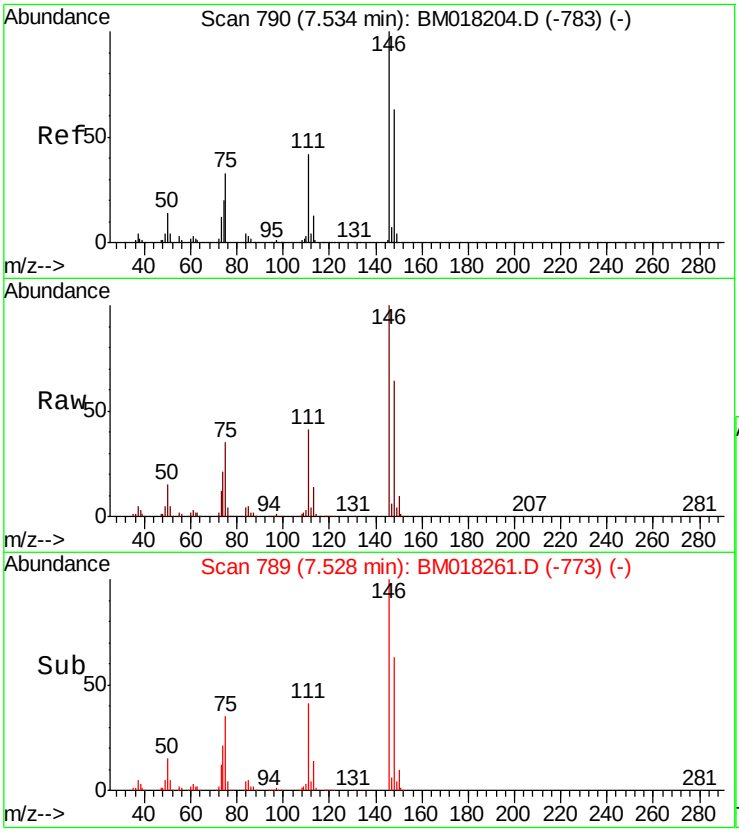




#12
1,3-Dichlorobenzene
Concen: 35.726 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:146 Resp: 358016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 50.6 | 76.0 |
| 75 | 36.1 | 27.0 | 40.4 |



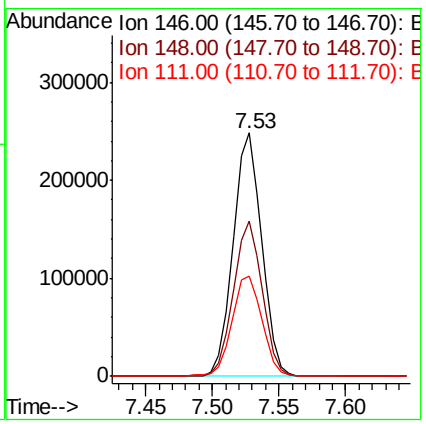


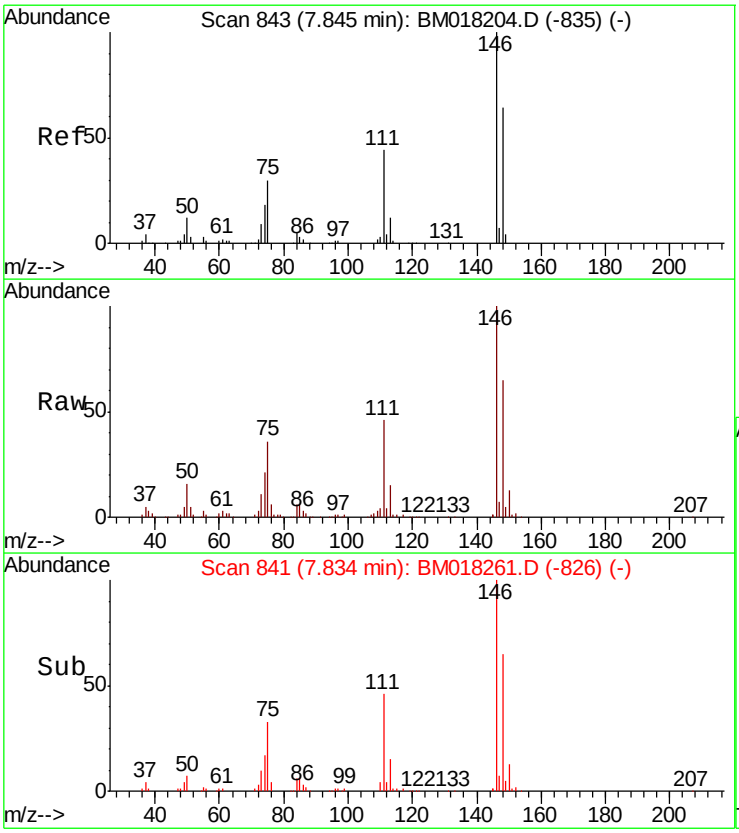

#13
1,4-Dichlorobenzene
Concen: 36.282 ng
RT: 7.53 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:146 Resp: 369212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.7 | 76.1 |
| 111 | 41.1 | 34.2 | 51.2 |

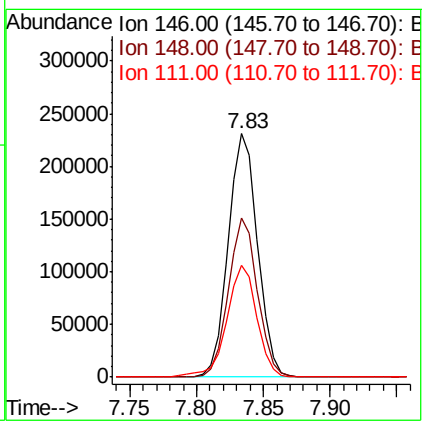


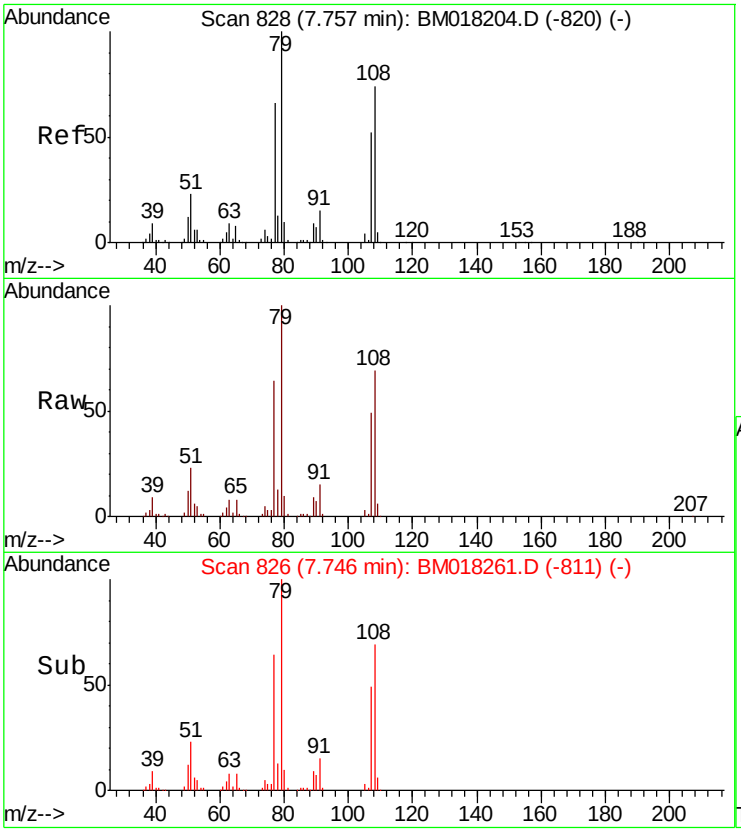




#14
1,2-Dichlorobenzene
Concen: 36.124 ng
RT: 7.83 min Scan# 841
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:146 Resp: 354366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.3 | 76.9 |
| 111 | 46.1 | 35.8 | 53.8 |



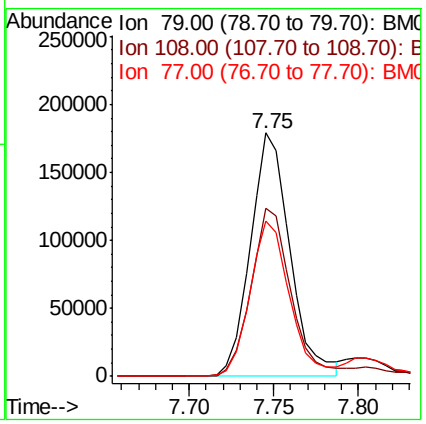


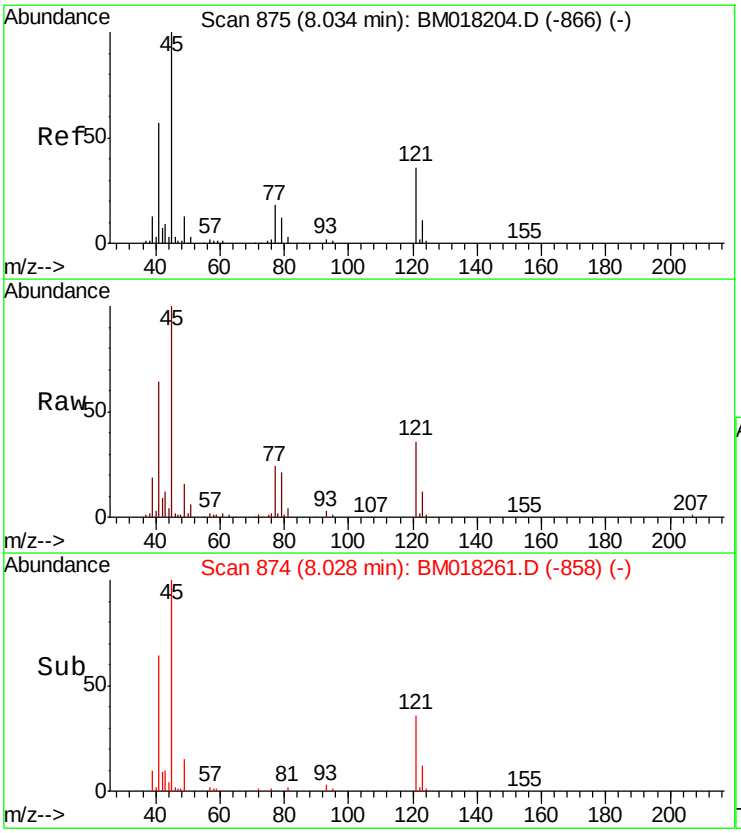

#15
Benzyl Alcohol
Concen: 33.856 ng
RT: 7.75 min Scan# 826
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 79 Resp: 291237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 68.9 | 59.3 | 88.9 |
| 77 | 63.9 | 53.0 | 79.4 |

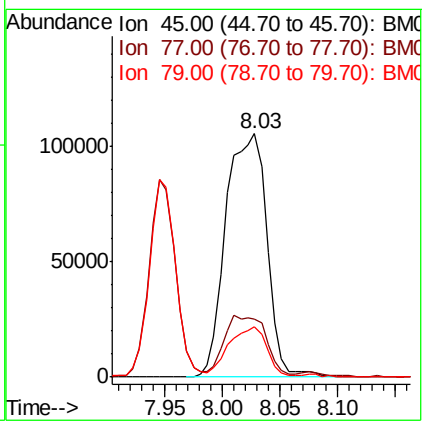


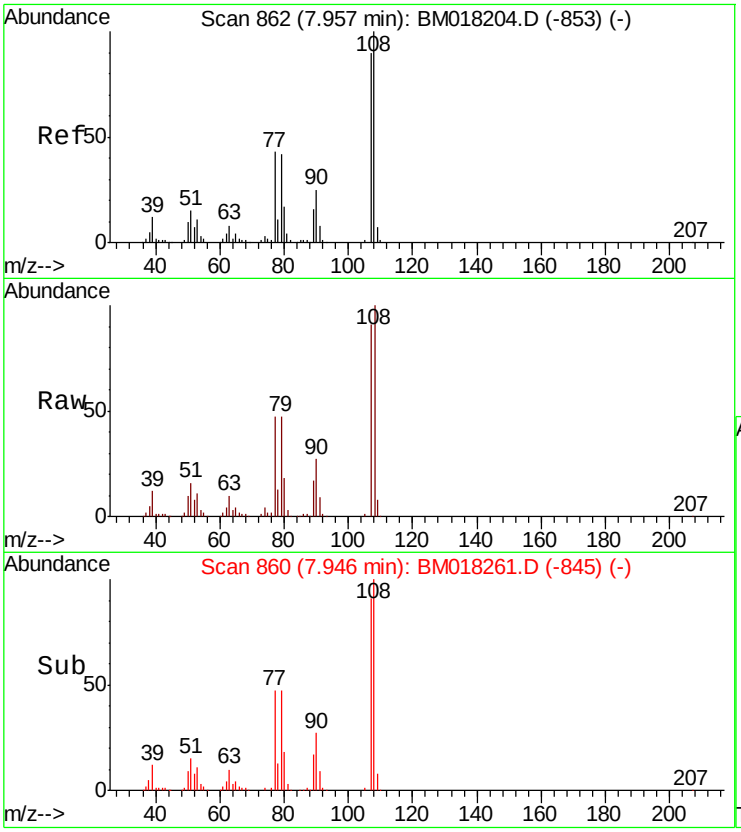




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.506 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 45 Resp: 259927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 23.7 | 2.5 | 42.5 |
| 79 | 20.7 | 0.0 | 37.2 |



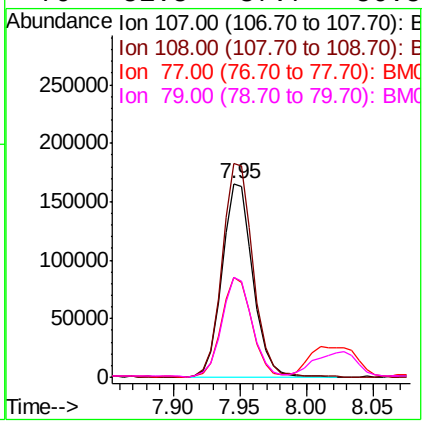


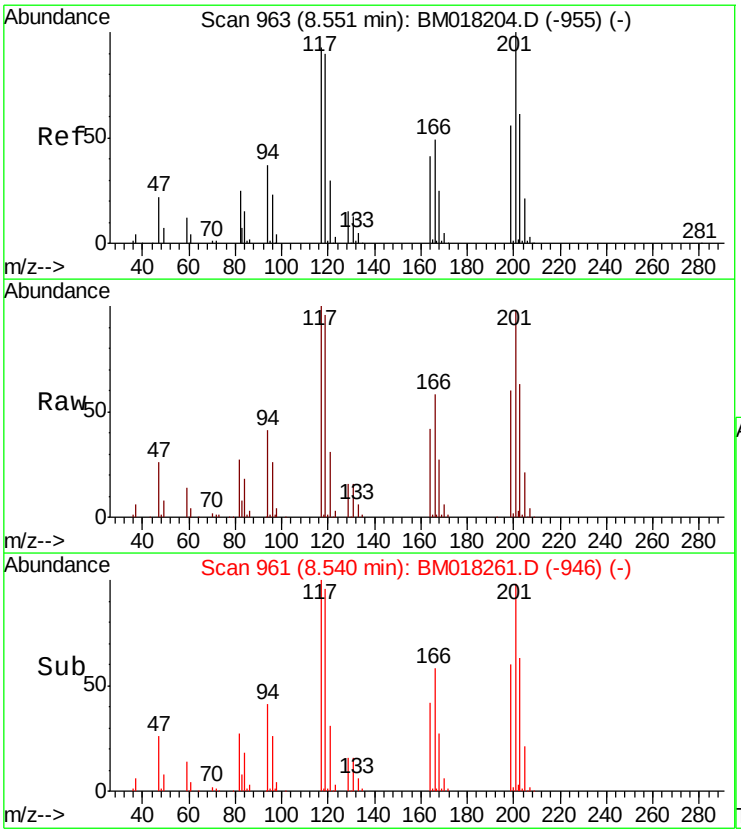

#17
2-Methylphenol
Concen: 35.882 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:107 Resp: 267873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.2 | 89.3 | 133.9 |
| 77 | 51.8 | 38.2 | 57.4 |
| 79 | 51.5 | 37.7 | 56.5 |

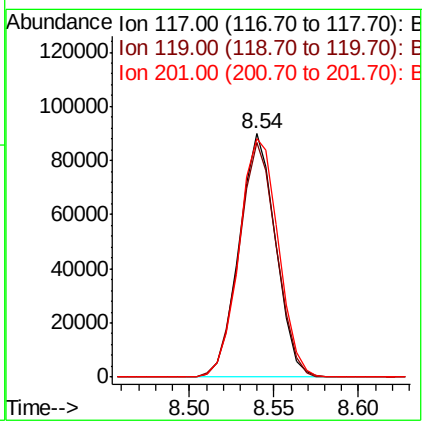


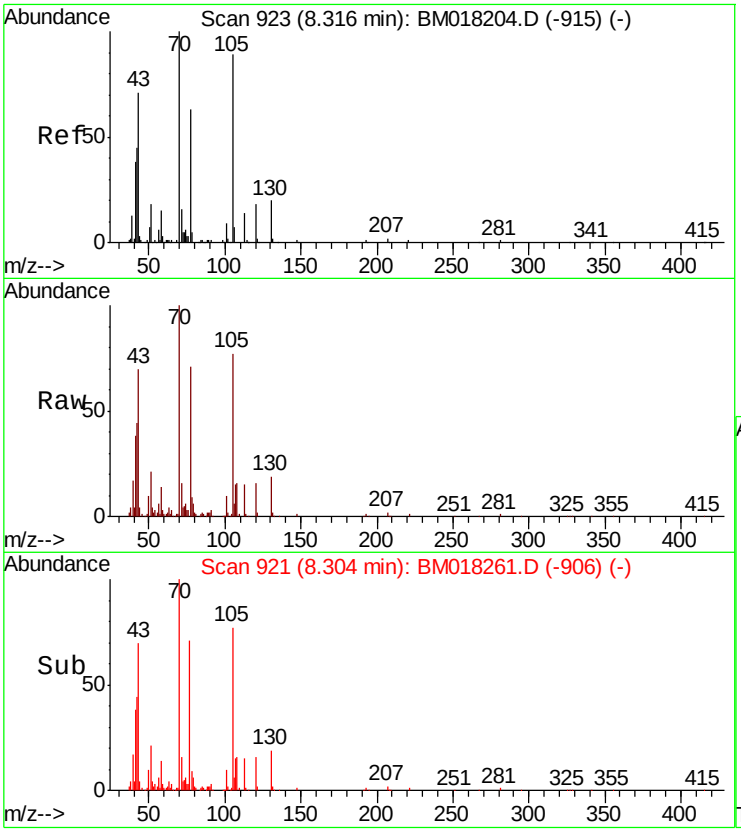




#18
Hexachloroethane
Concen: 36.206 ng
RT: 8.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:117 Resp: 135044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 77.0 | 115.4 |
| 201 | 97.8 | 85.7 | 128.5 |



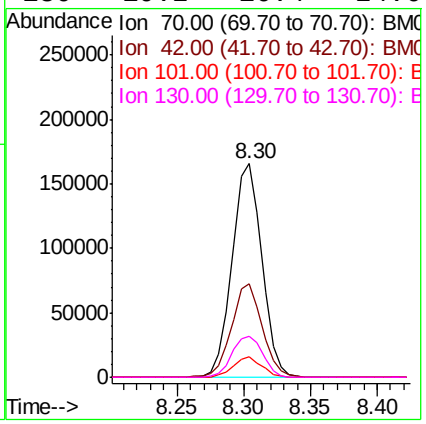


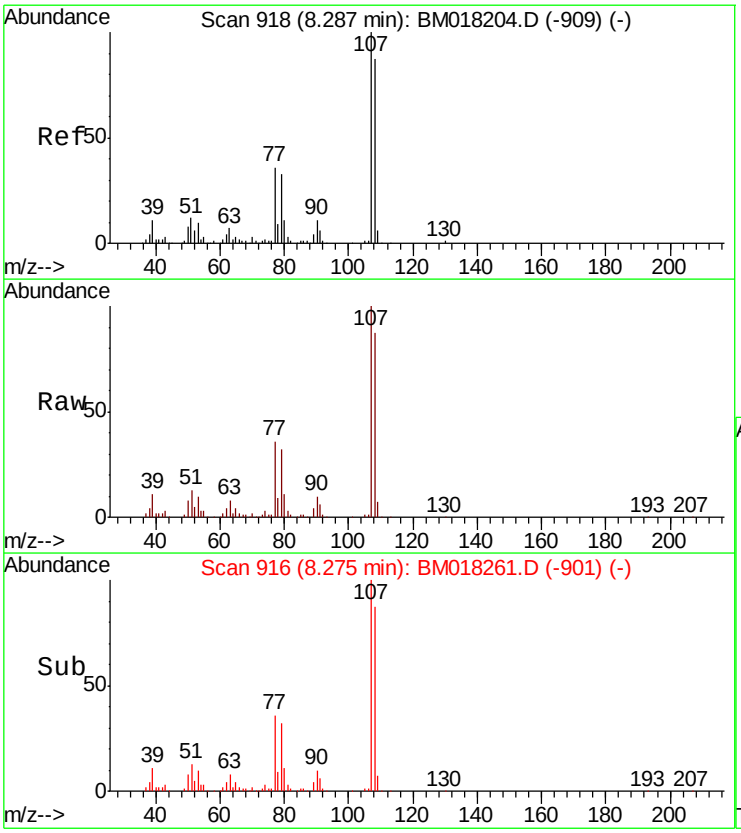

#19
n-Nitroso-di-n-propylamine
Concen: 32.633 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 70 Resp: 257229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.7 | 36.2 | 54.2 |
| 101 | 9.9 | 7.5 | 11.3 |
| 130 | 19.2 | 16.4 | 24.6 |

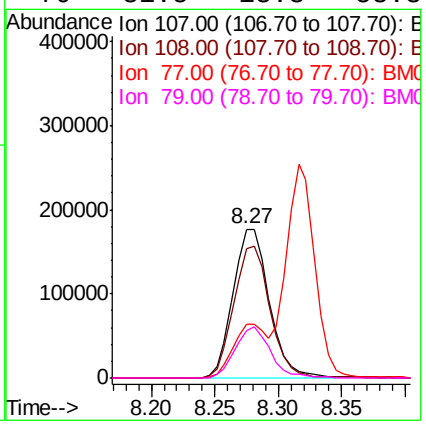


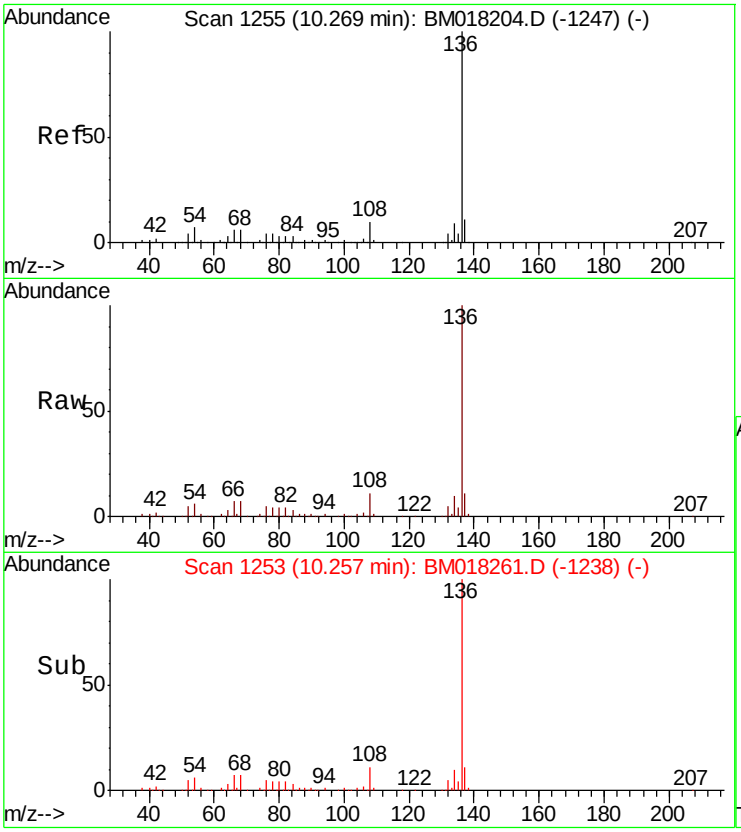




#20
3+4-Methylphenols
Concen: 33.440 ng
RT: 8.27 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:107 Resp: 349808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.8 | 67.4 | 107.4 |
| 77 | 35.7 | 15.7 | 55.7 |
| 79 | 31.5 | 13.3 | 53.3 |



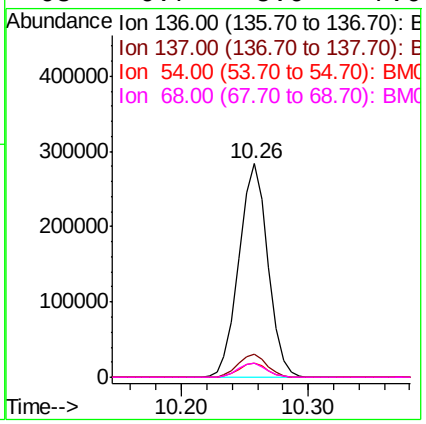


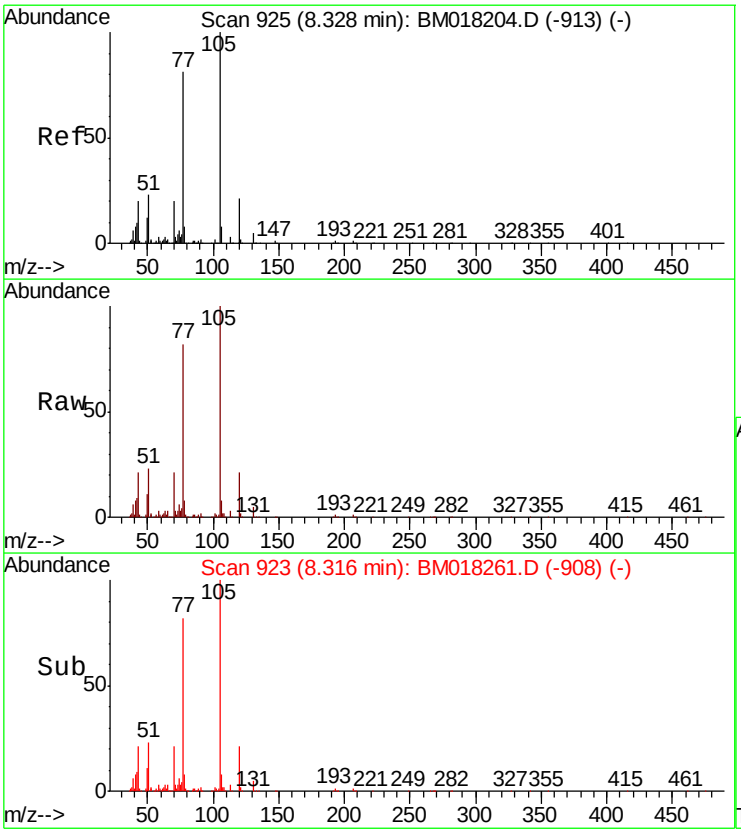

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:136 Resp: 450514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 9.2 | 13.8 |
| 54 | 6.4 | 5.2 | 7.8 |
| 68 | 6.7 | 5.0 | 7.6 |

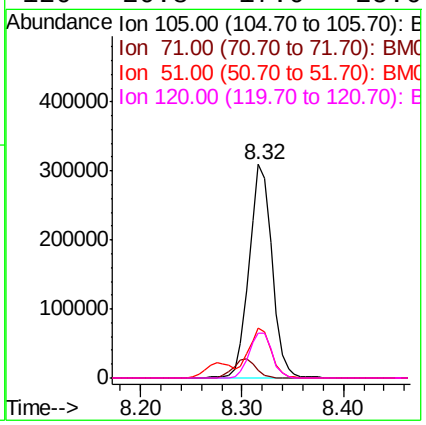


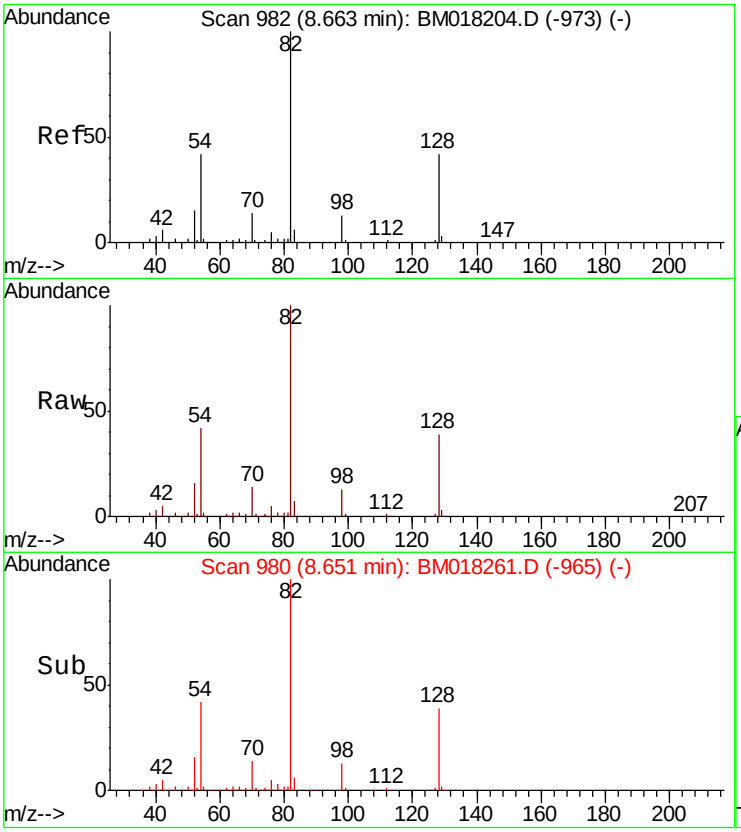




#22
Acetophenone
Concen: 40.796 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:105 Resp: 486377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.4 | 2.6 | 4.0 |
| 51 | 23.2 | 18.3 | 27.5 |
| 120 | 20.8 | 17.0 | 25.6 |



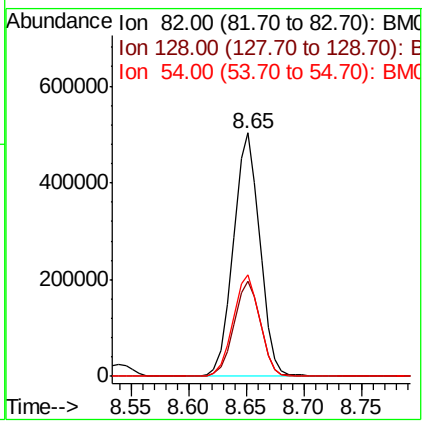


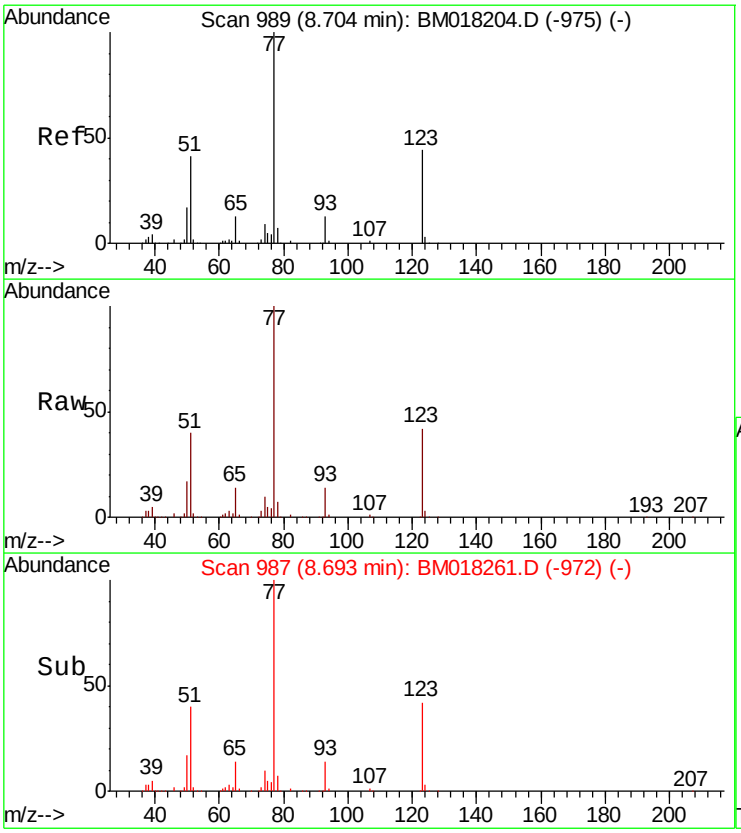

#23
Nitrobenzene-d5
Concen: 90.768 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 82 Resp: 797224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 33.4 | 50.2 |
| 54 | 41.6 | 33.4 | 50.2 |

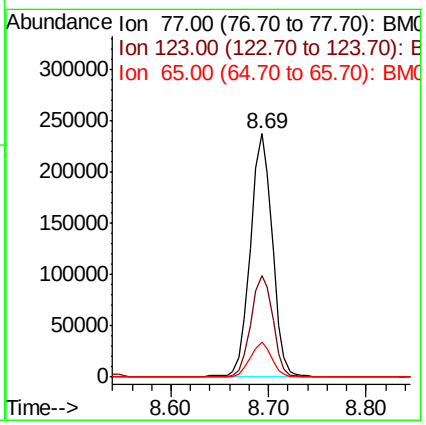


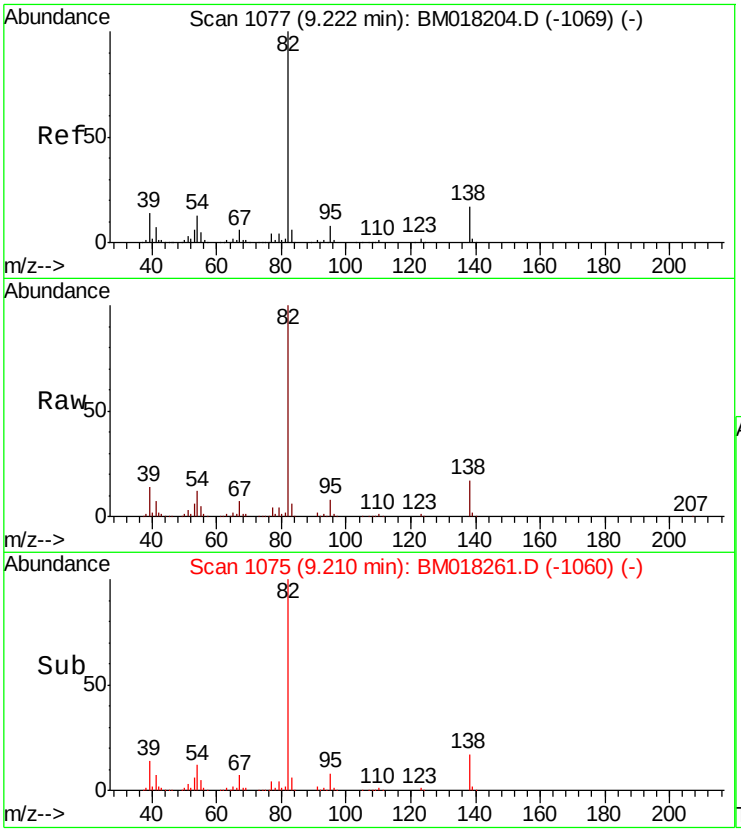




#24
Nitrobenzene
Concen: 42.848 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 77 Resp: 376037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.7 | 35.4 | 53.2 |
| 65 | 14.1 | 10.6 | 15.8 |



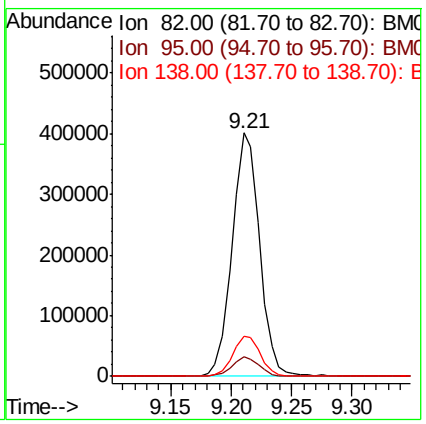


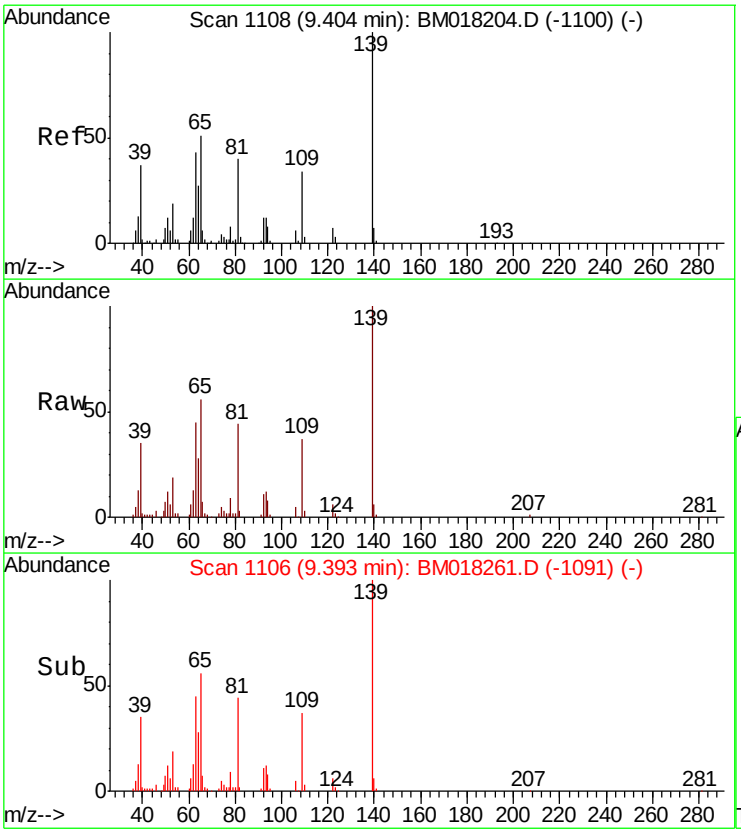

#25
Isophorone
Concen: 43.550 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 82 Resp: 636822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 6.4 | 9.6 |
| 138 | 16.7 | 13.9 | 20.9 |

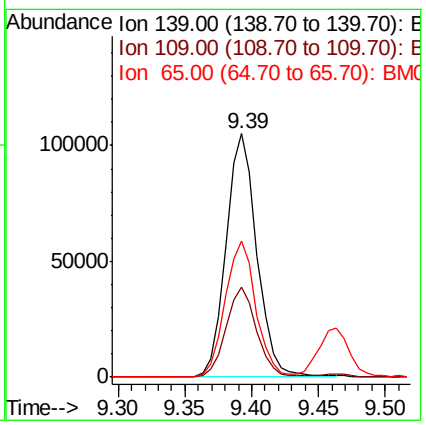


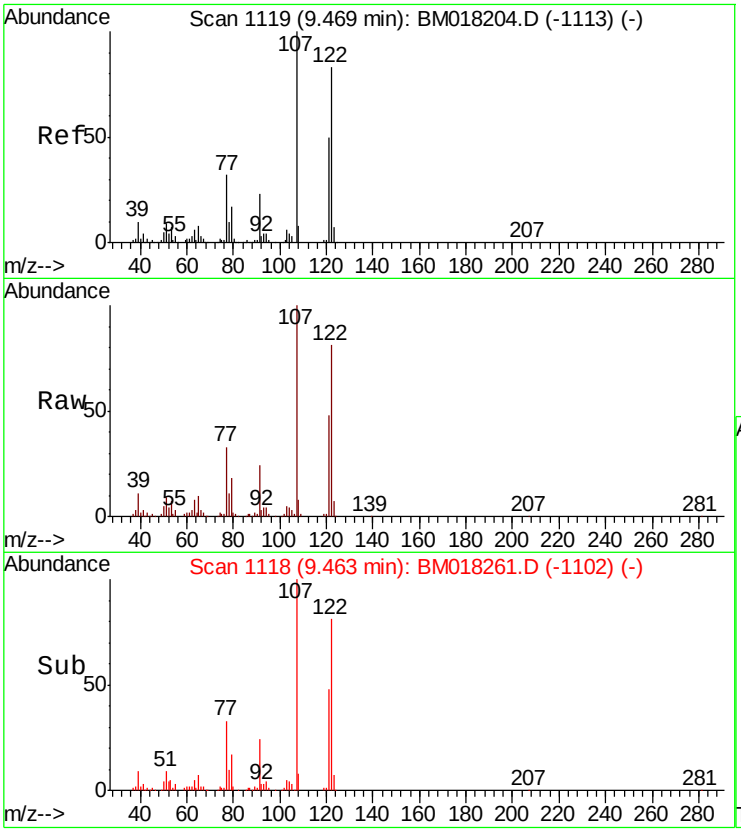




#26
2-Nitrophenol
Concen: 39.366 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:139 Resp: 169446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 37.0 | 27.4 | 41.0 |
| 65 | 56.0 | 41.0 | 61.4 |



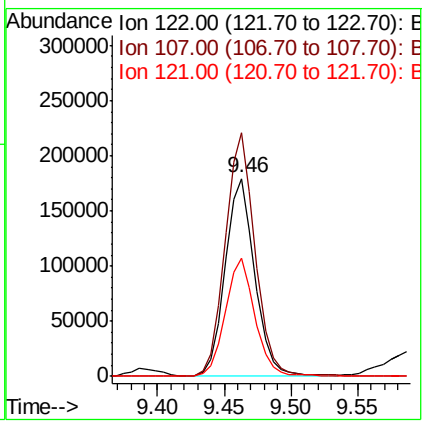


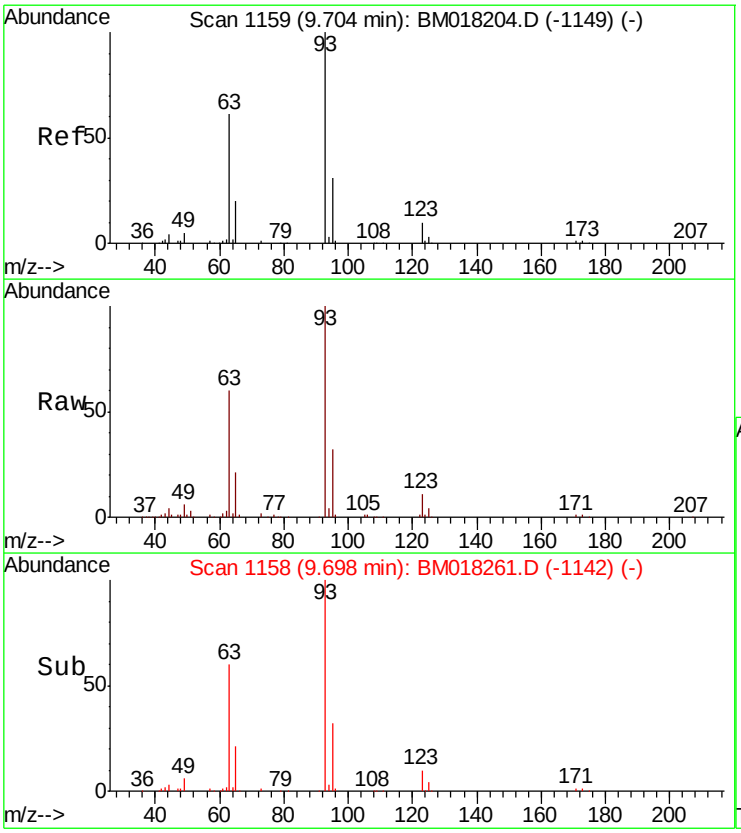

#27
2,4-Dimethylphenol
Concen: 44.552 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:122 Resp: 276379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 123.1 | 96.5 | 144.7 |
| 121 | 59.7 | 48.2 | 72.4 |

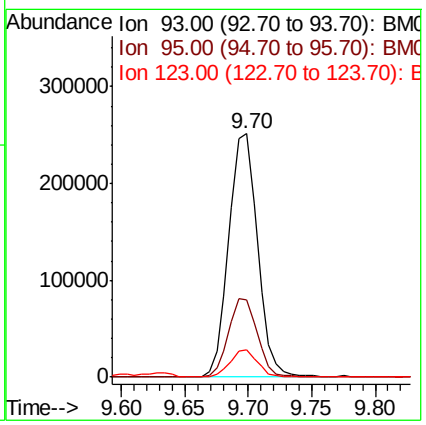


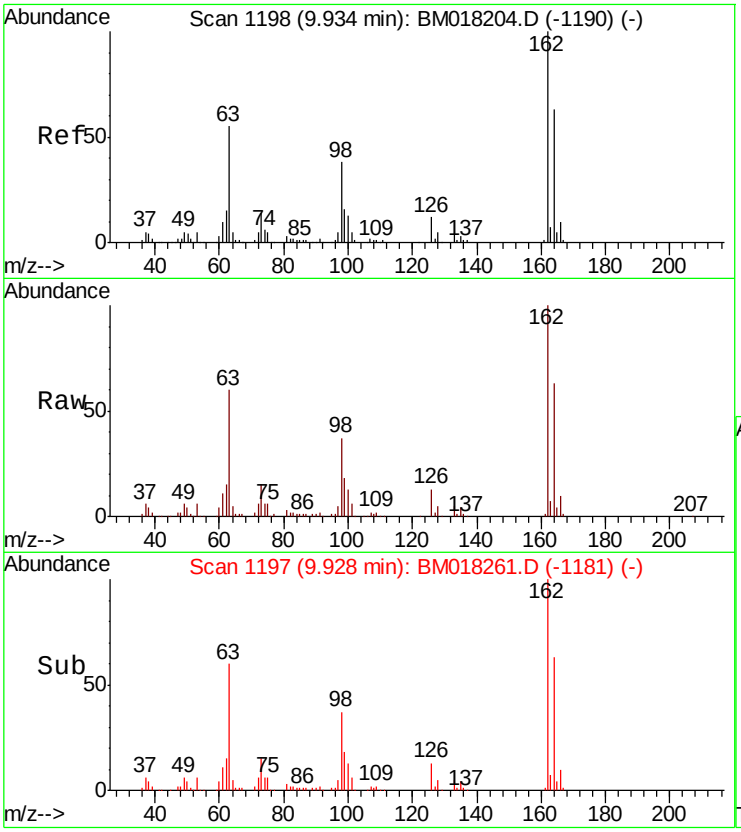




#28
bis(2-Chloroethoxy)methane
Concen: 41.536 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 93 Resp: 395906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.3 | 37.9 |
| 123 | 11.4 | 9.3 | 13.9 |



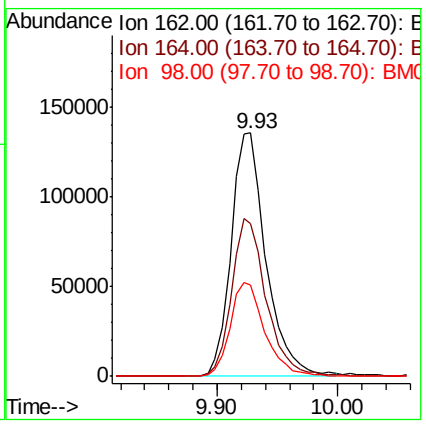


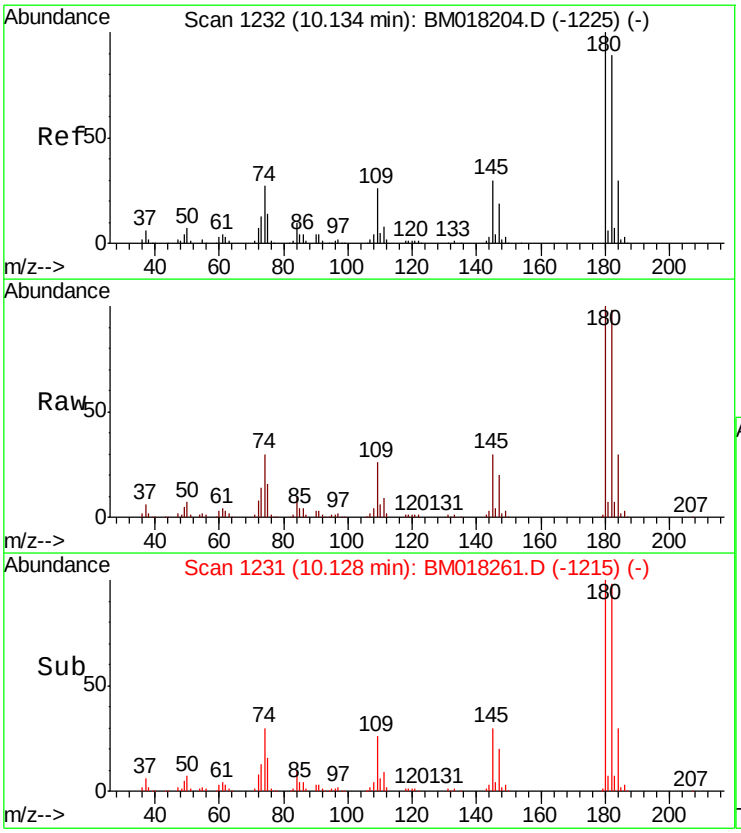

#29
2,4-Dichlorophenol
Concen: 39.580 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:162 Resp: 272238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 43.0 | 83.0 |
| 98 | 37.5 | 18.3 | 58.3 |

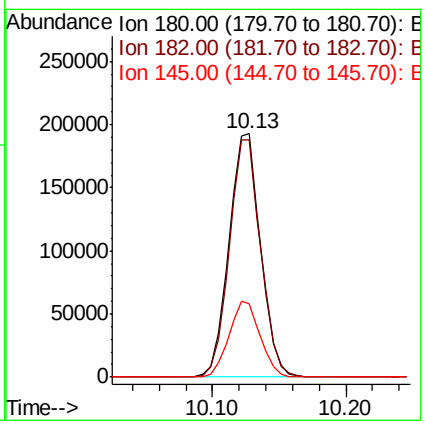


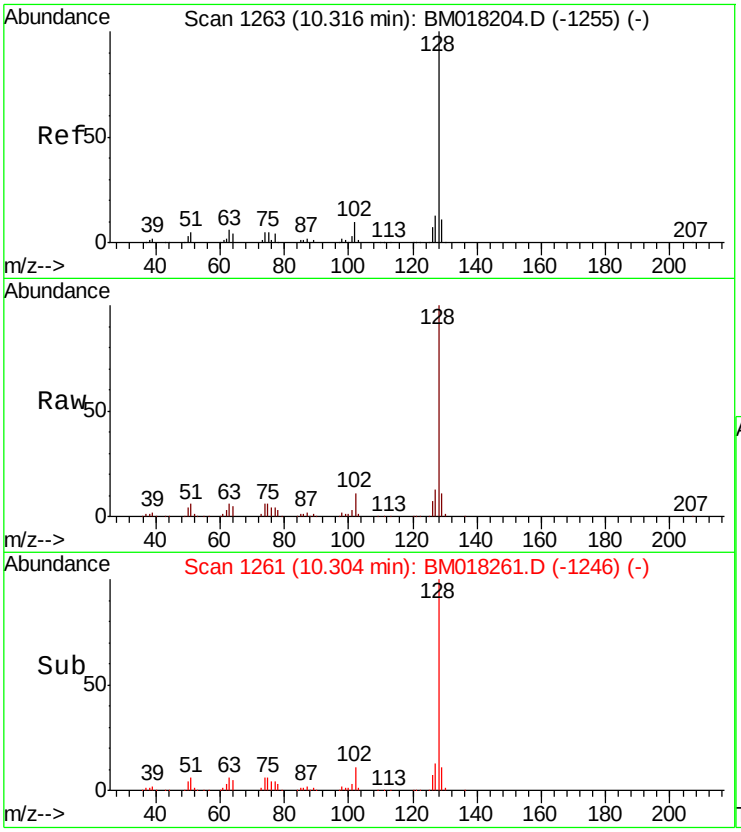




#30
1,2,4-Trichlorobenzene
Concen: 40.439 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:180 Resp: 316380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.7 | 71.4 | 107.2 |
| 145 | 30.0 | 24.4 | 36.6 |



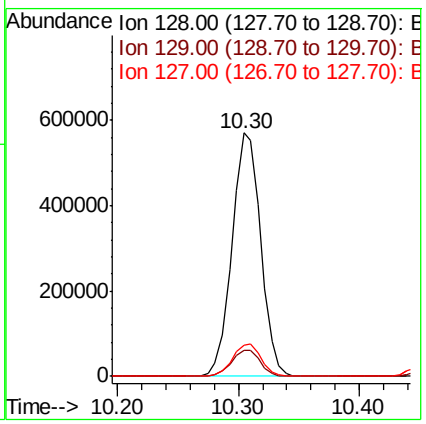


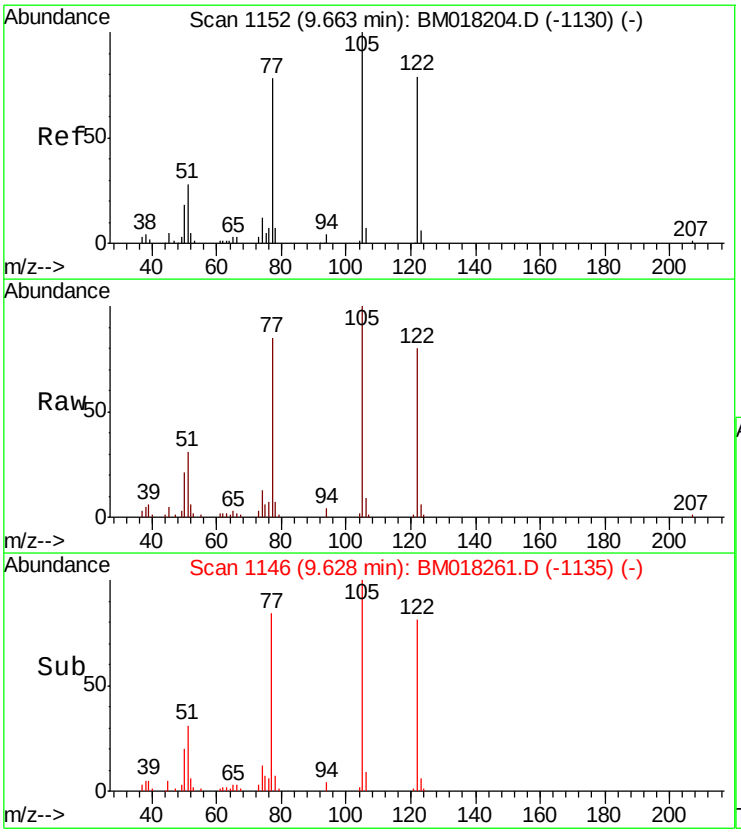

#31
Naphthalene
Concen: 42.837 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:128 Resp: 943656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.9 | 13.3 |
| 127 | 13.0 | 10.4 | 15.6 |

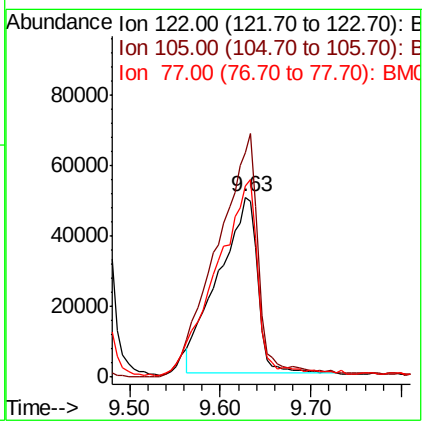


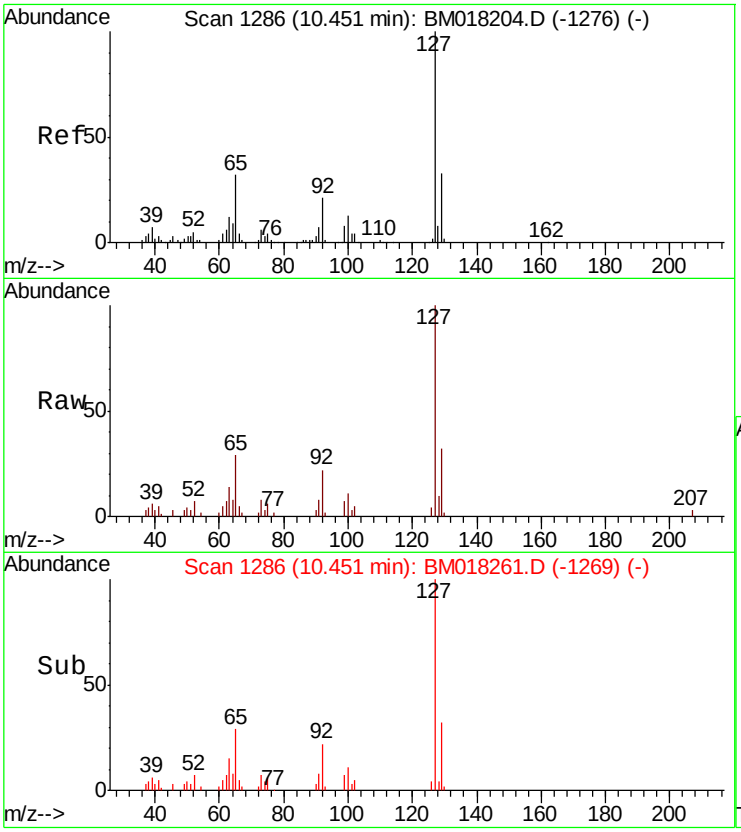




#32
Benzoic acid
Concen: 25.509 ng
RT: 9.63 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:122 Resp: 149847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.8 | 104.8 | 144.8 |
| 77 | 106.5 | 77.7 | 117.7 |



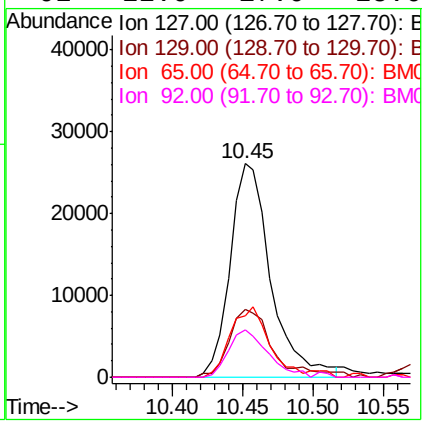


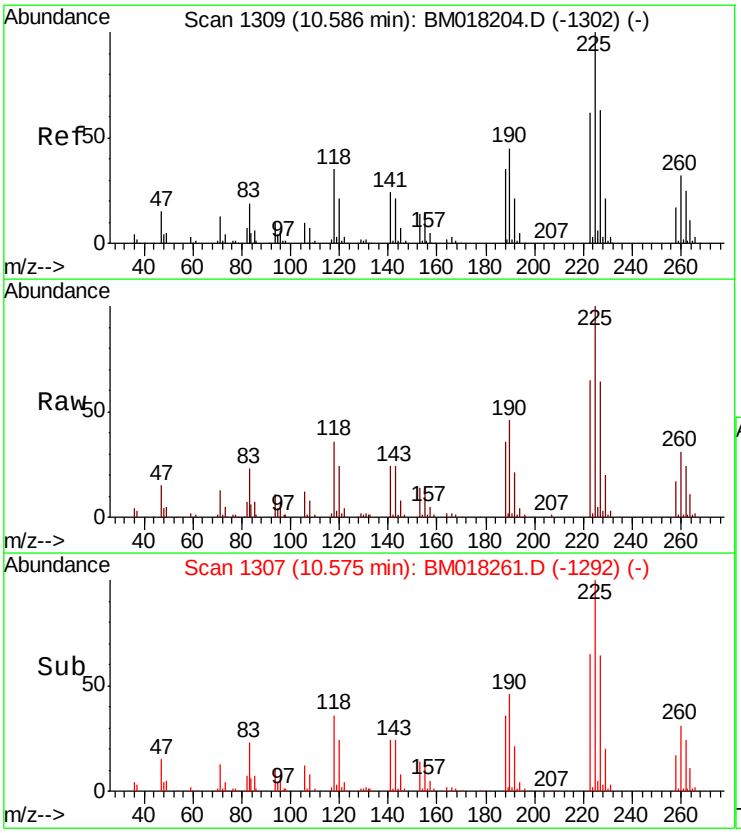

#33
4-Chloroaniline
Concen: 5.420 ng
RT: 10.45 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:127 Resp: 52300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.4 | 39.6 |
| 65 | 28.7 | 25.6 | 38.4 |
| 92 | 22.0 | 17.0 | 25.6 |

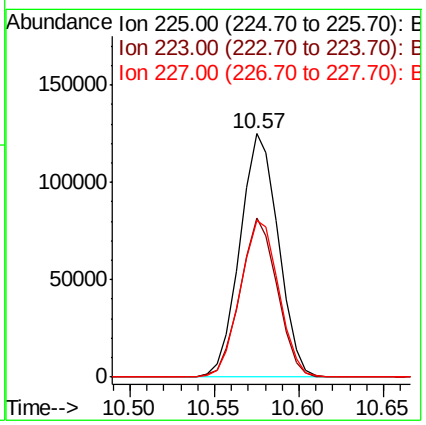


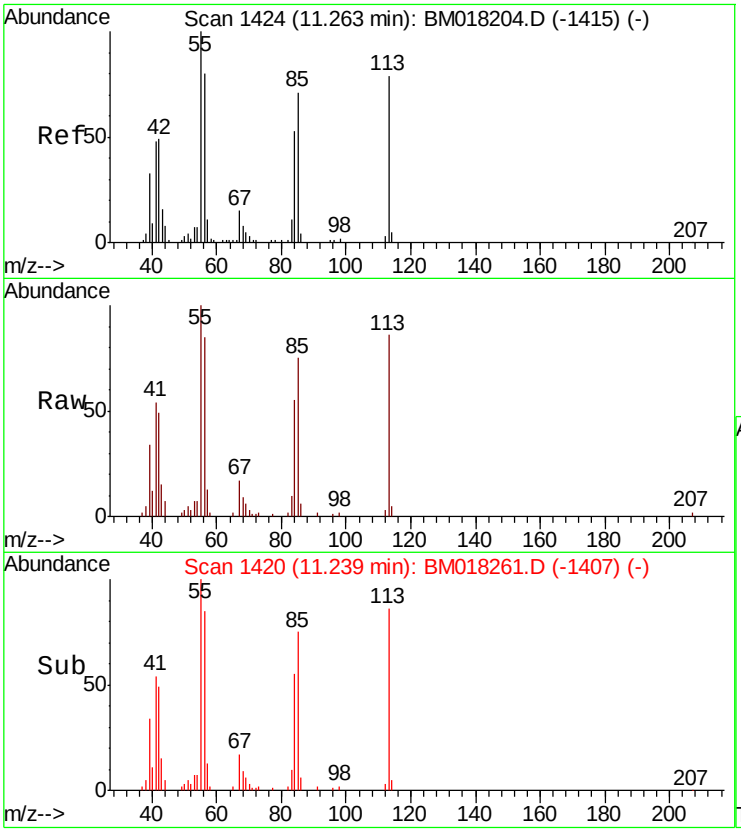




#34
Hexachlorobutadiene
Concen: 39.995 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:225 Resp: 197901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.3 | 49.8 | 74.6 |
| 227 | 64.3 | 50.2 | 75.4 |



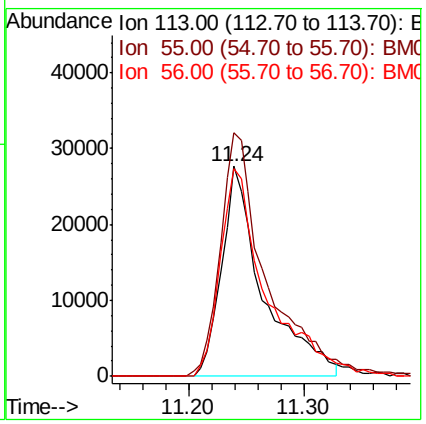


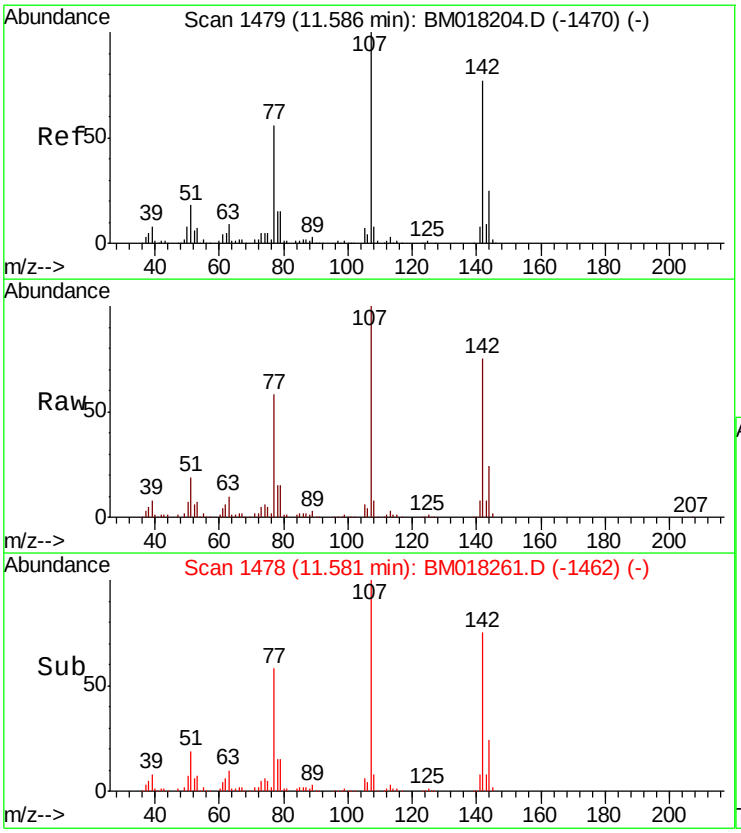

#35
Caprolactam
Concen: 26.437 ng
RT: 11.24 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:113 Resp: 69289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 116.0 | 105.9 | 145.9 |
| 56 | 99.0 | 80.1 | 120.1 |

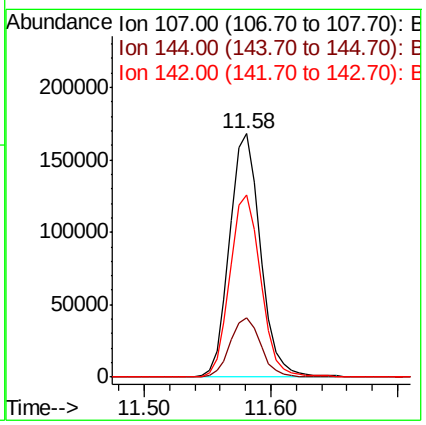


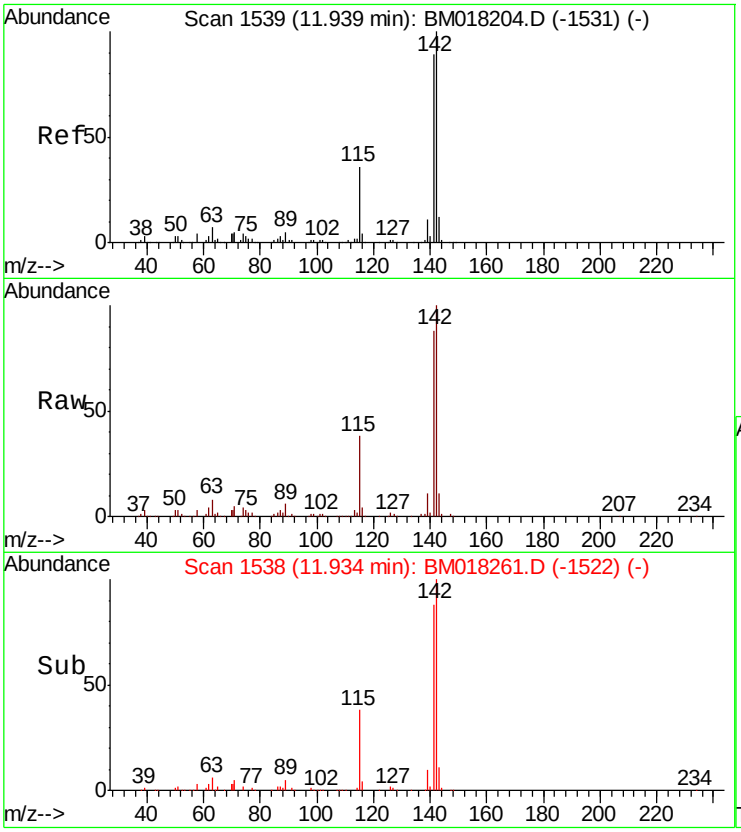




#36
4-Chloro-3-methylphenol
Concen: 34.300 ng
RT: 11.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:107 Resp: 283479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.2 | 20.1 | 30.1 |
| 142 | 74.7 | 61.7 | 92.5 |



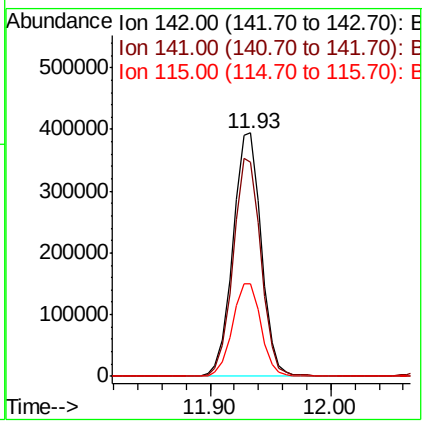


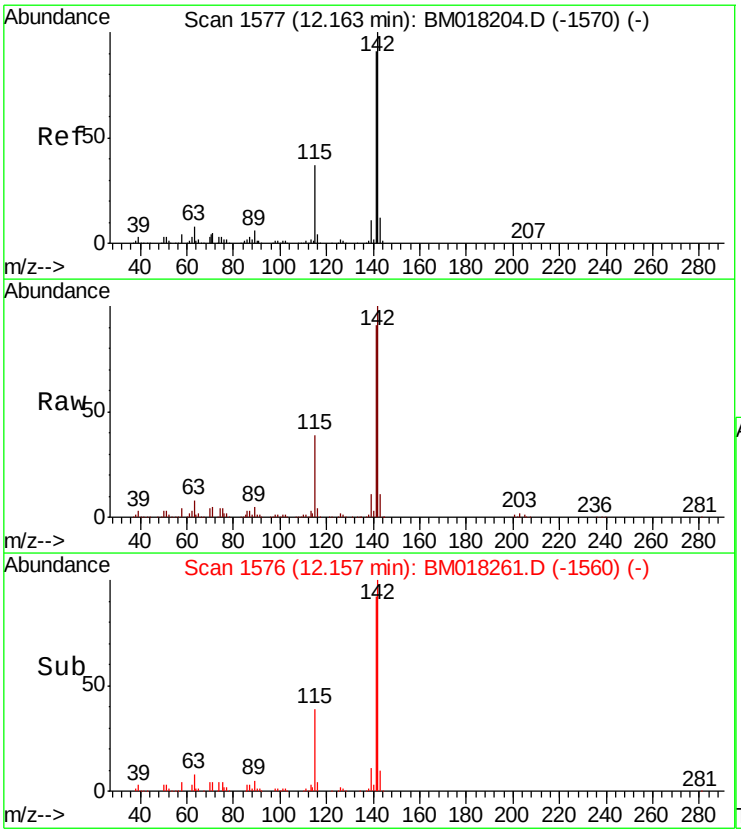

#37
2-Methylnaphthalene
Concen: 41.532 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:142 Resp: 645216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 71.4 | 107.2 |
| 115 | 37.9 | 29.0 | 43.6 |

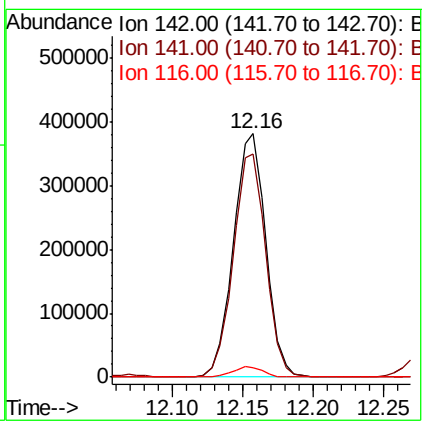


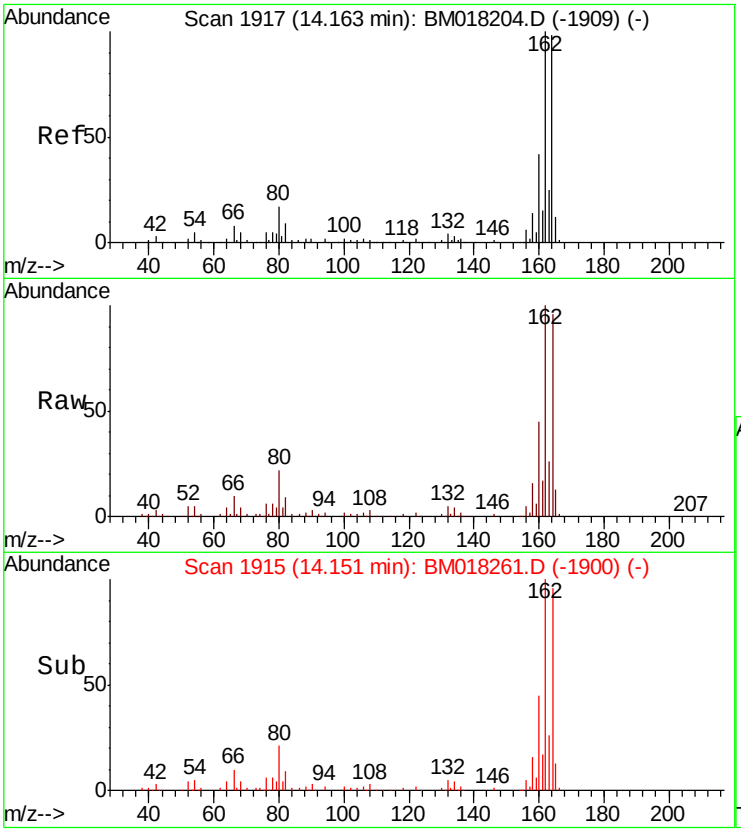




#38
1-Methylnaphthalene
Concen: 40.343 ng
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:142 Resp: 611561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 73.0 | 109.4 |
| 116 | 3.6 | 3.0 | 4.6 |



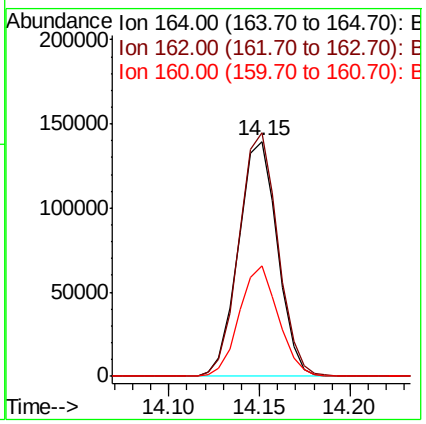


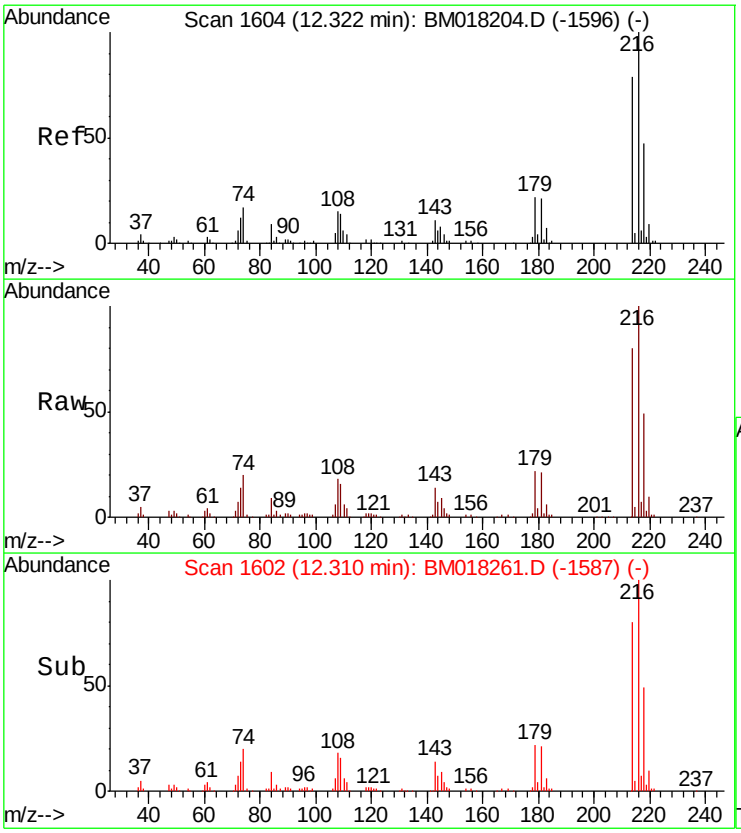

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:164 Resp: 208617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 81.8 | 122.6 |
| 160 | 46.9 | 34.6 | 51.8 |

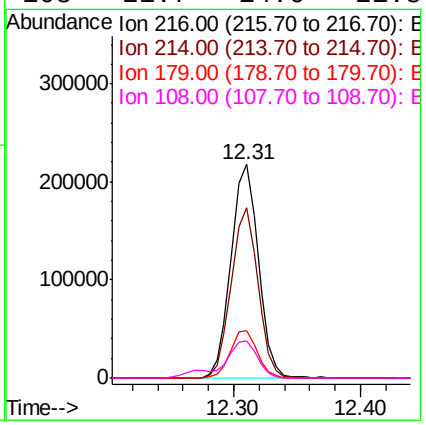


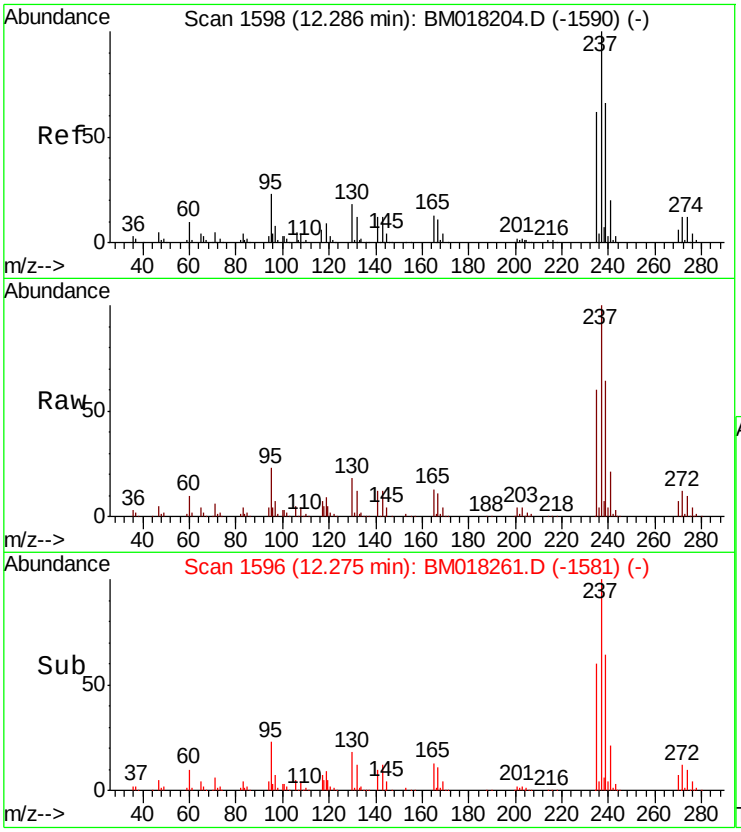




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.277 ng
RT: 12.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:216 Resp: 324808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.7 | 63.4 | 95.0 |
| 179 | 21.7 | 17.2 | 25.8 |
| 108 | 21.7 | 14.6 | 21.8 |



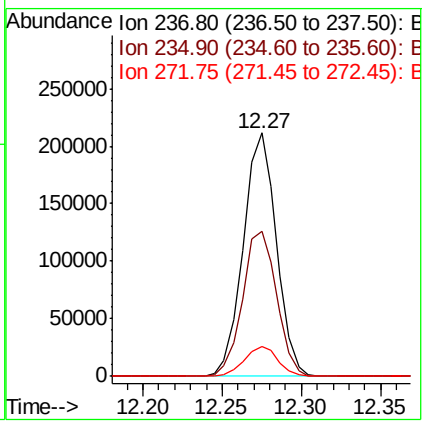


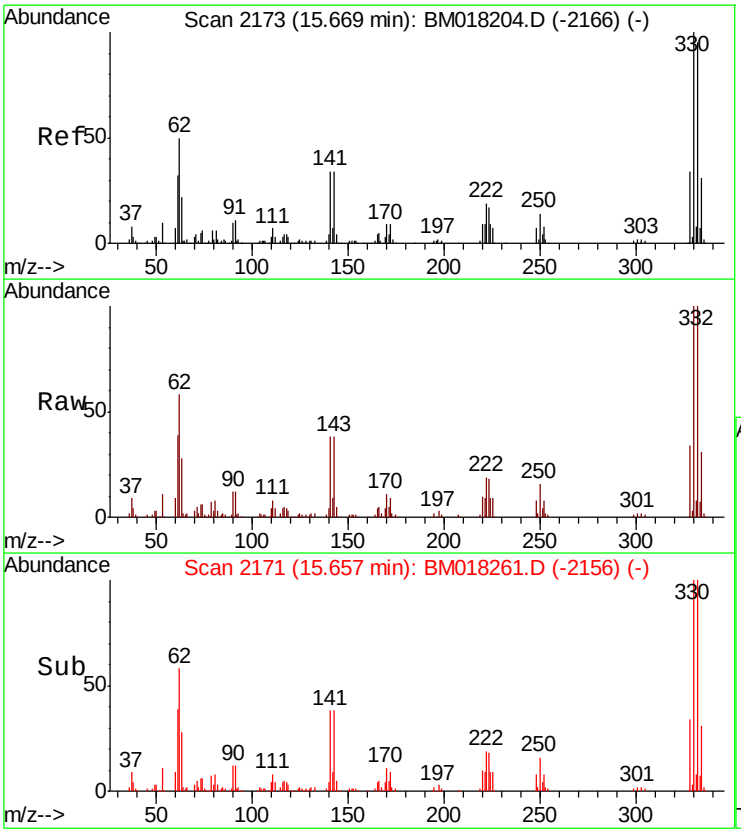

#41
Hexachlorocyclopentadiene
Concen: 96.056 ng
RT: 12.27 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:237 Resp: 307435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.7 | 42.1 | 82.1 |
| 272 | 12.4 | 0.0 | 32.1 |

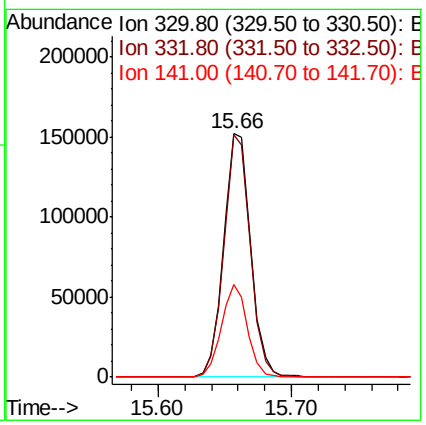


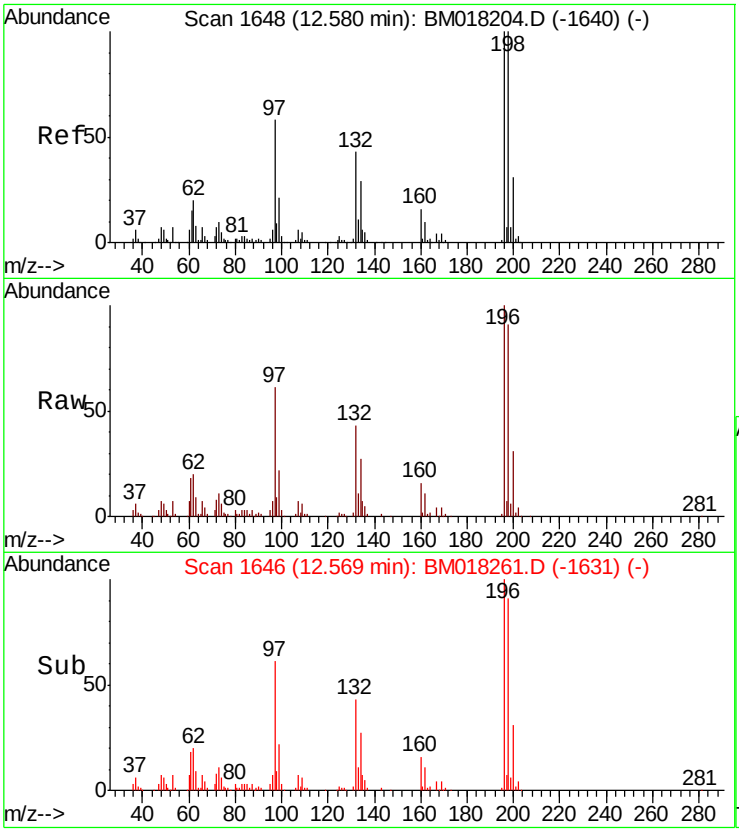




#42
2,4,6-Tribromophenol
Concen: 70.589 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:330 Resp: 216138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 78.6 | 118.0 |
| 141 | 36.4 | 27.1 | 40.7 |



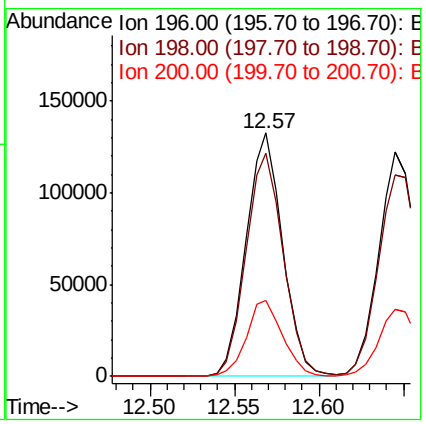


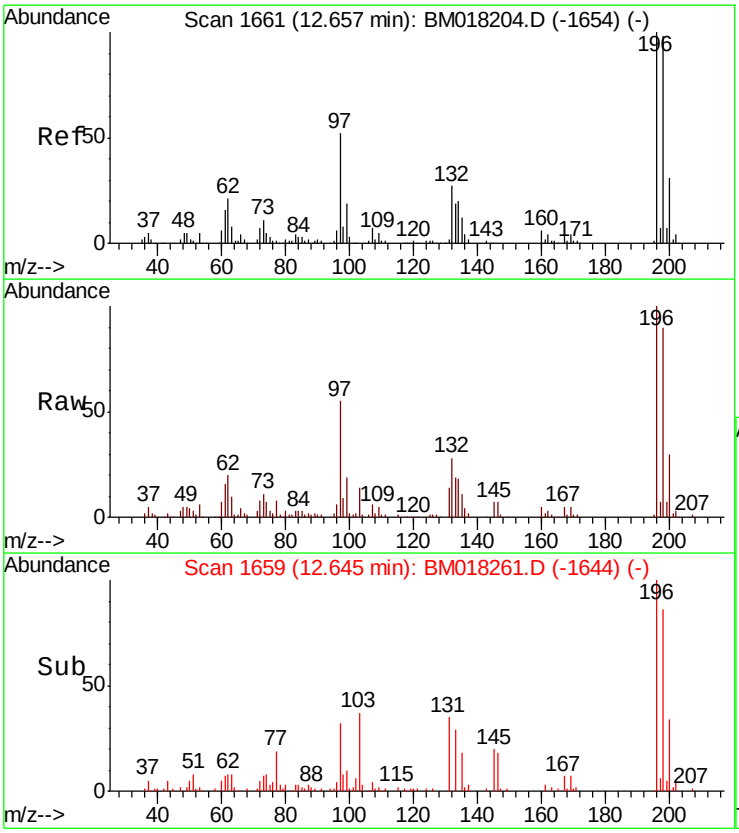

#43
2,4,6-Trichlorophenol
Concen: 43.412 ng
RT: 12.57 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:196 Resp: 200302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.5 | 80.1 | 120.1 |
| 200 | 31.0 | 24.9 | 37.3 |

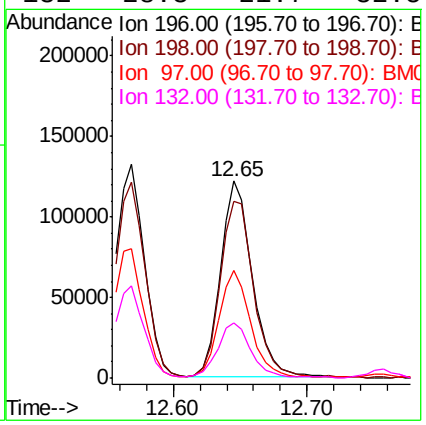


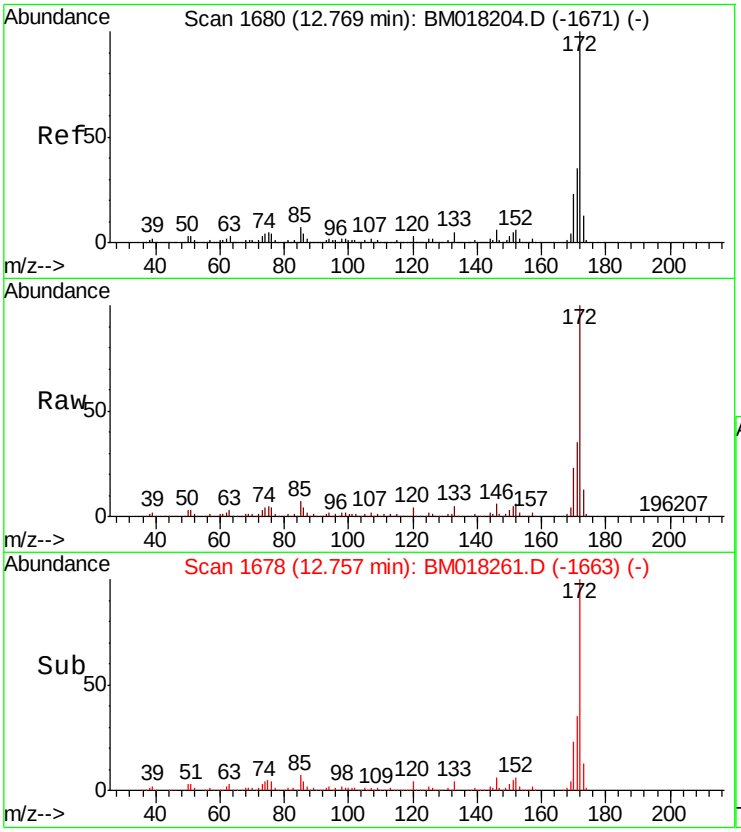




#44
2,4,5-Trichlorophenol
Concen: 41.170 ng
RT: 12.65 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:196 Resp: 201665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 89.7 | 78.5 | 117.7 |
| 97 | 55.0 | 41.9 | 62.9 |
| 132 | 28.3 | 21.7 | 32.5 |



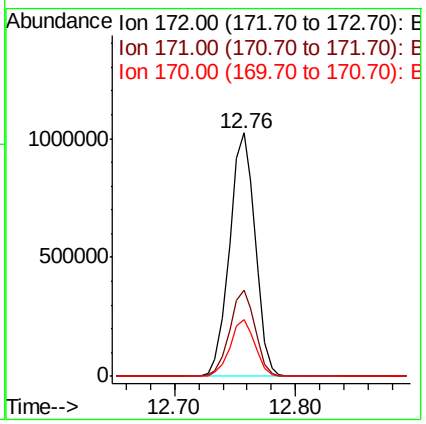


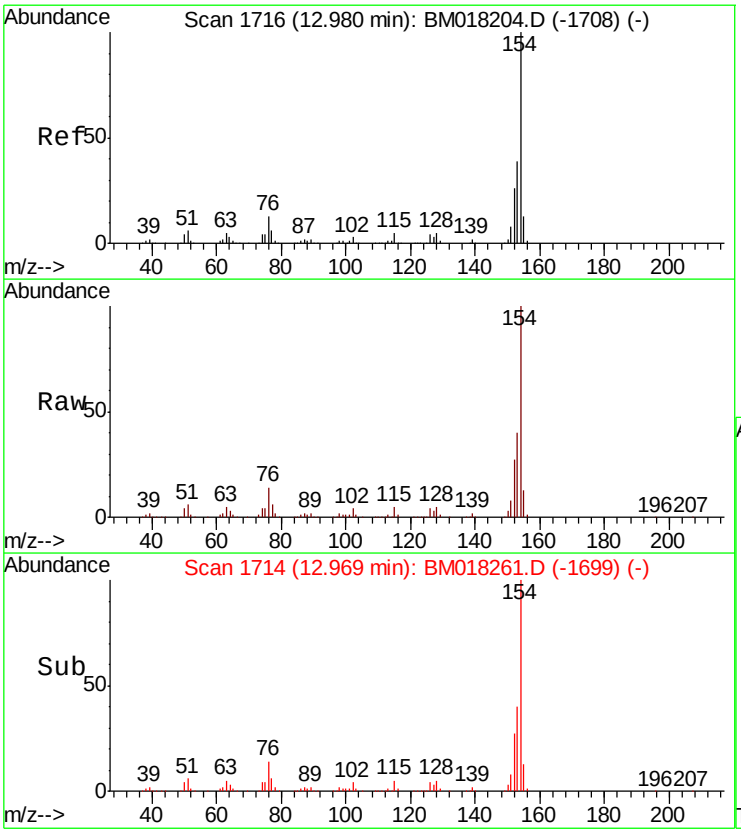

#45
2-Fluorobiphenyl
Concen: 93.812 ng
RT: 12.76 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:172 Resp: 1510989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.3 | 42.5 |
| 170 | 23.1 | 18.1 | 27.1 |

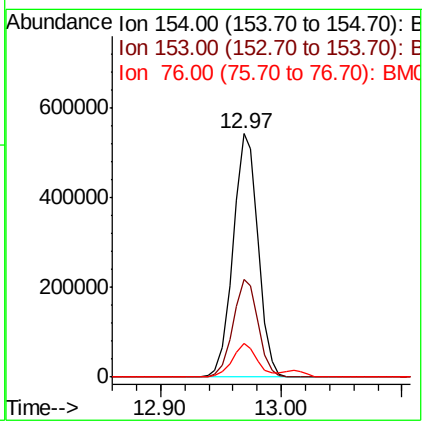


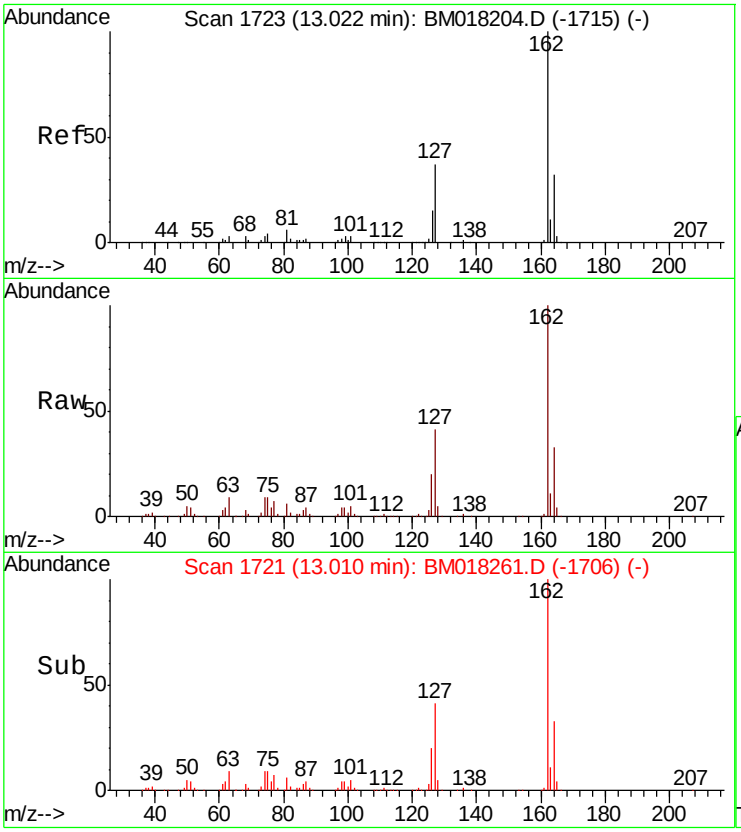




#46
1,1'-Biphenyl
Concen: 41.412 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:154 Resp: 777225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 19.5 | 59.5 |
| 76 | 13.6 | 0.0 | 33.1 |



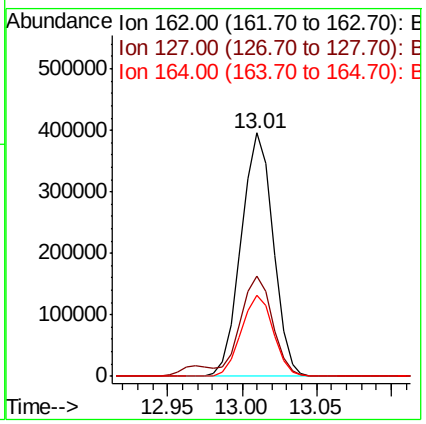


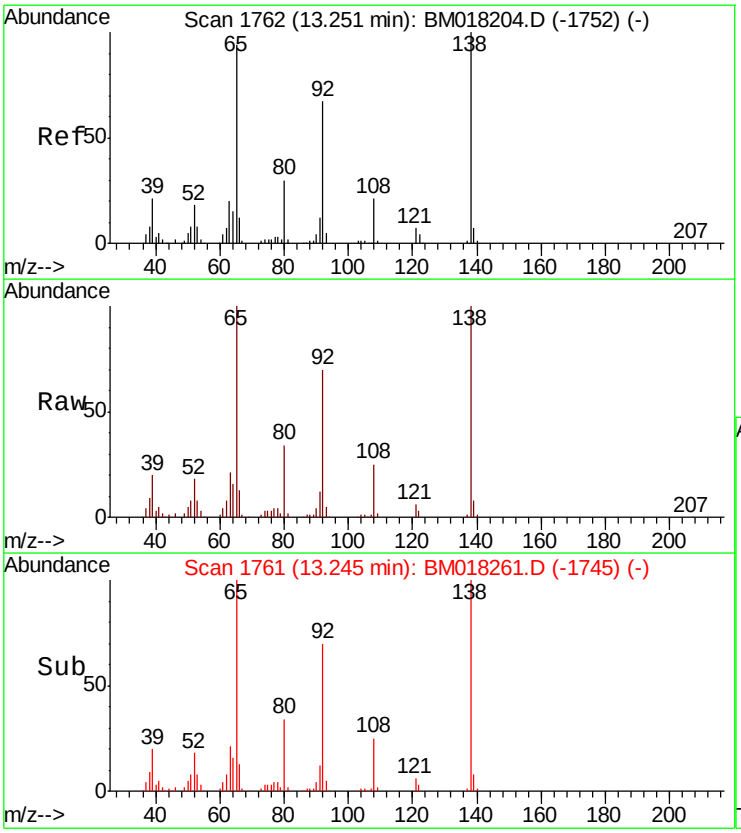

#47
2-Chloronaphthalene
Concen: 42.739 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:162 Resp: 590383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.4 | 31.8 | 47.8 |
| 164 | 33.1 | 25.9 | 38.9 |

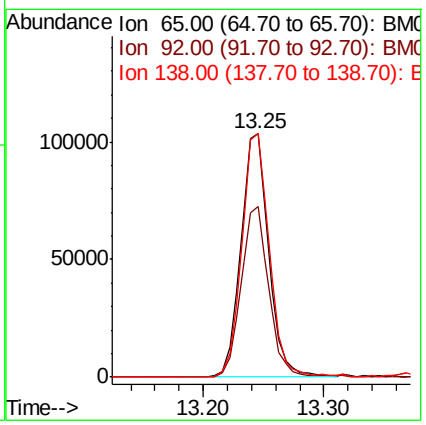


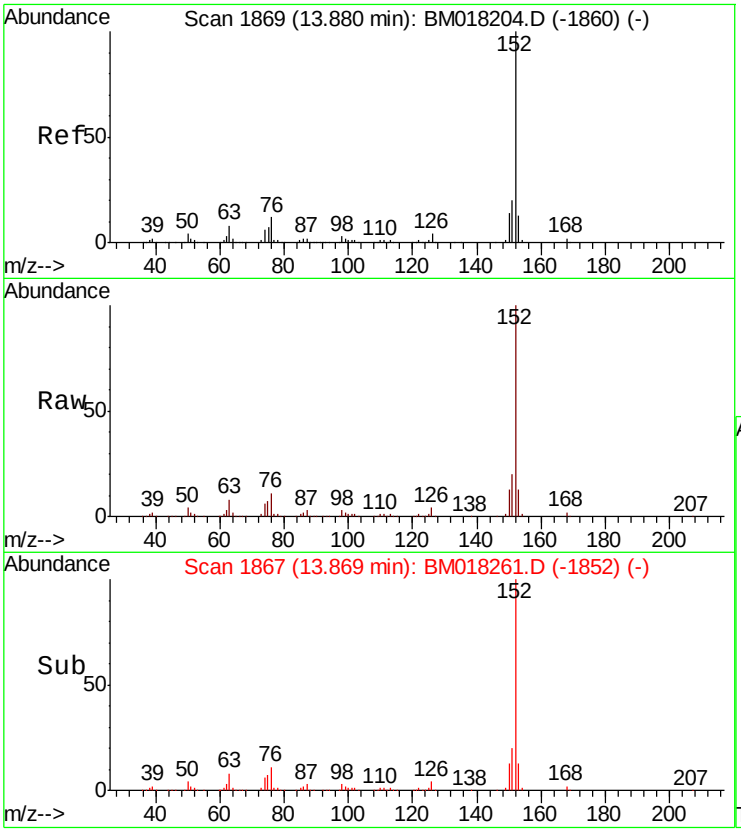




#48
2-Nitroaniline
Concen: 39.151 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion: 65 Resp: 166597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.9 | 56.8 | 85.2 |
| 138 | 99.9 | 85.1 | 127.7 |



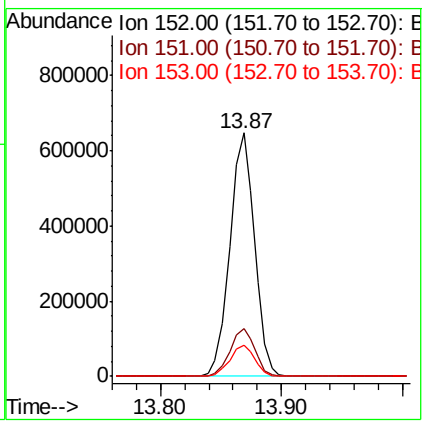


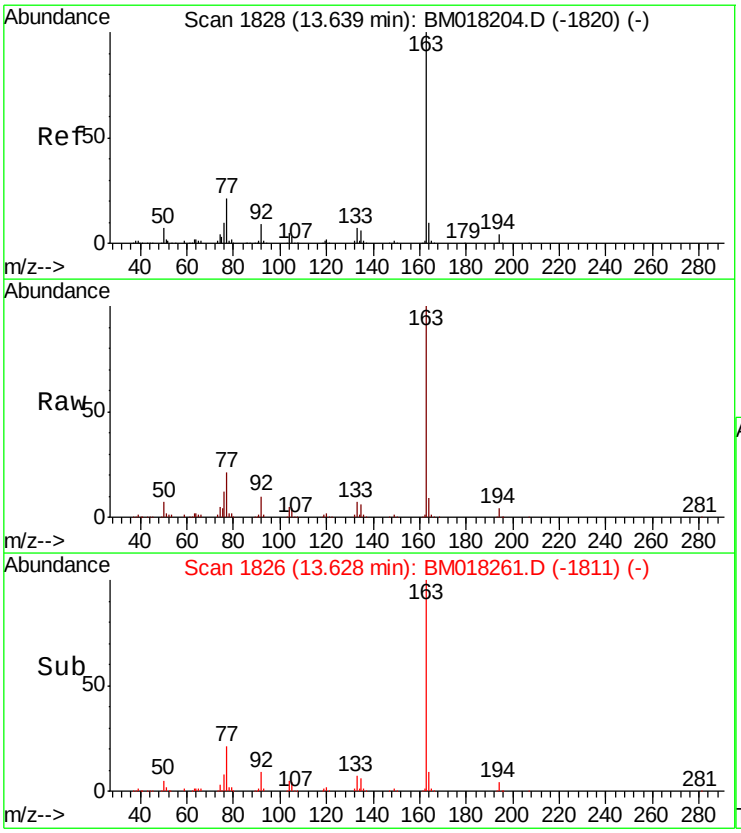

#49
Acenaphthylene
Concen: 44.203 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:152 Resp: 920153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.0 | 24.0 |
| 153 | 12.7 | 10.2 | 15.2 |

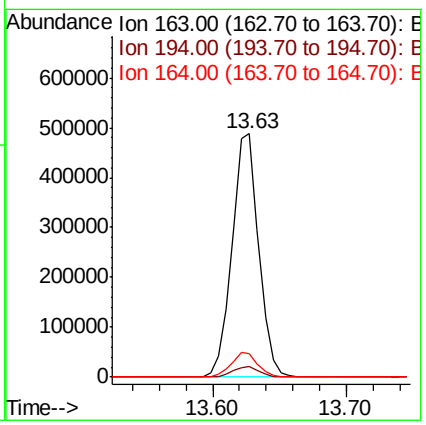


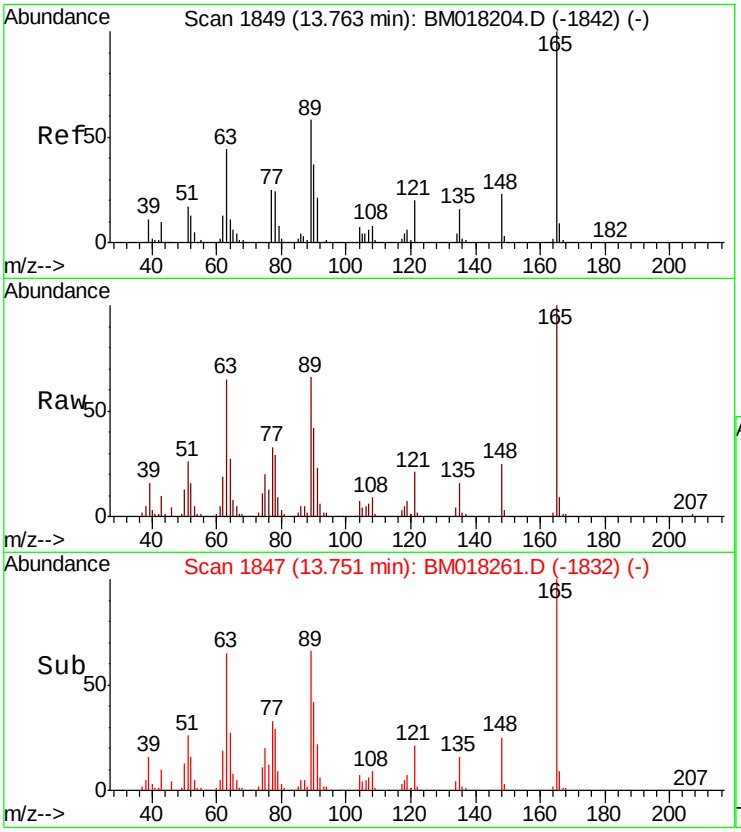




#50
Dimethylphthalate
Concen: 39.156 ng
RT: 13.63 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:163 Resp: 679116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.1 | 4.7 |
| 164 | 9.5 | 7.9 | 11.9 |



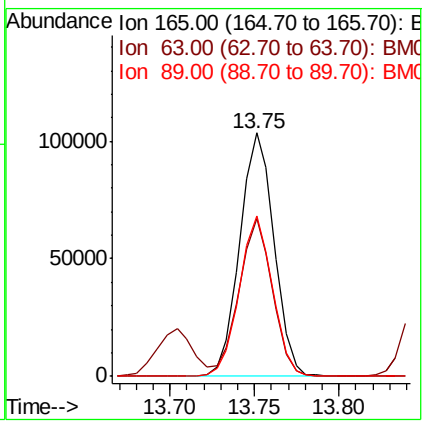


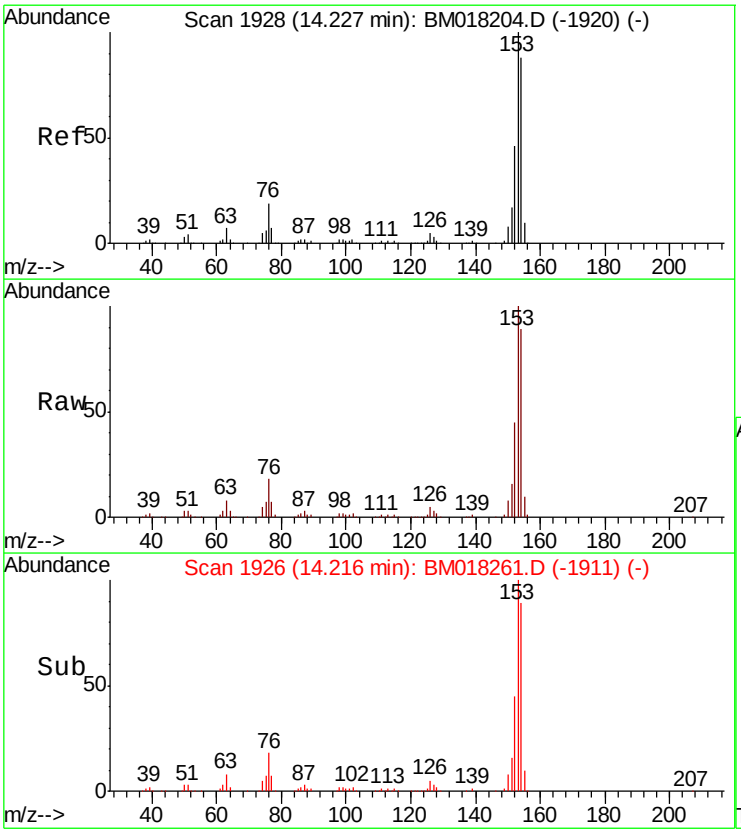

#51
2,6-Dinitrotoluene
Concen: 38.355 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:165 Resp: 146238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.6 | 46.6 | 69.8 |
| 89 | 66.1 | 46.3 | 69.5 |

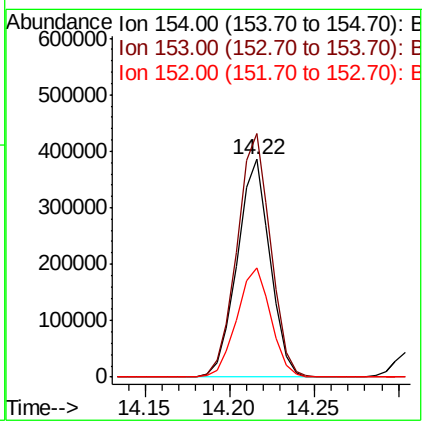


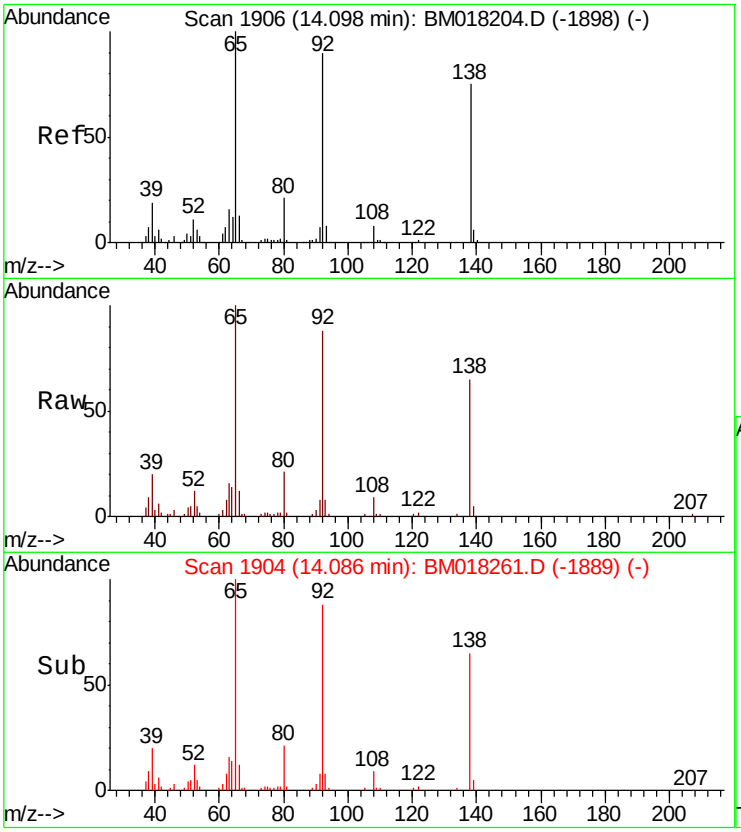




#52
Acenaphthene
Concen: 41.034 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:154 Resp: 522024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 90.4 | 135.6 |
| 152 | 50.1 | 41.2 | 61.8 |



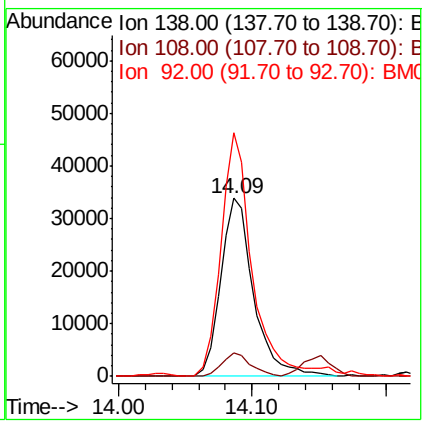


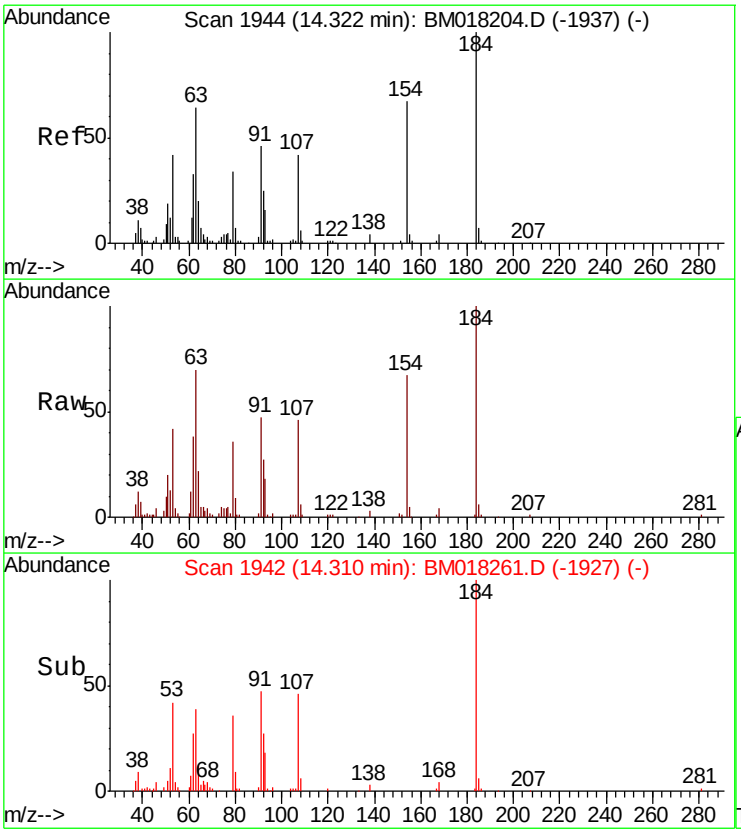

#53
3-Nitroaniline
Concen: 14.536 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:138 Resp: 58323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.2 | 8.4 | 12.6# |
| 92 | 136.8 | 94.9 | 142.3 |

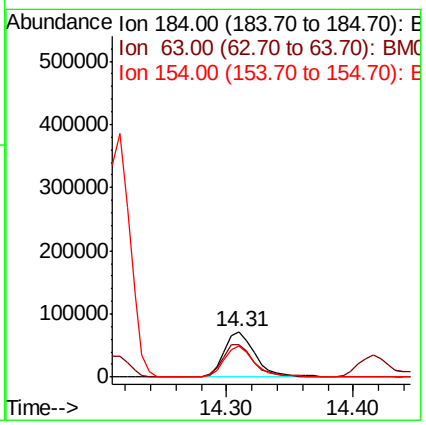


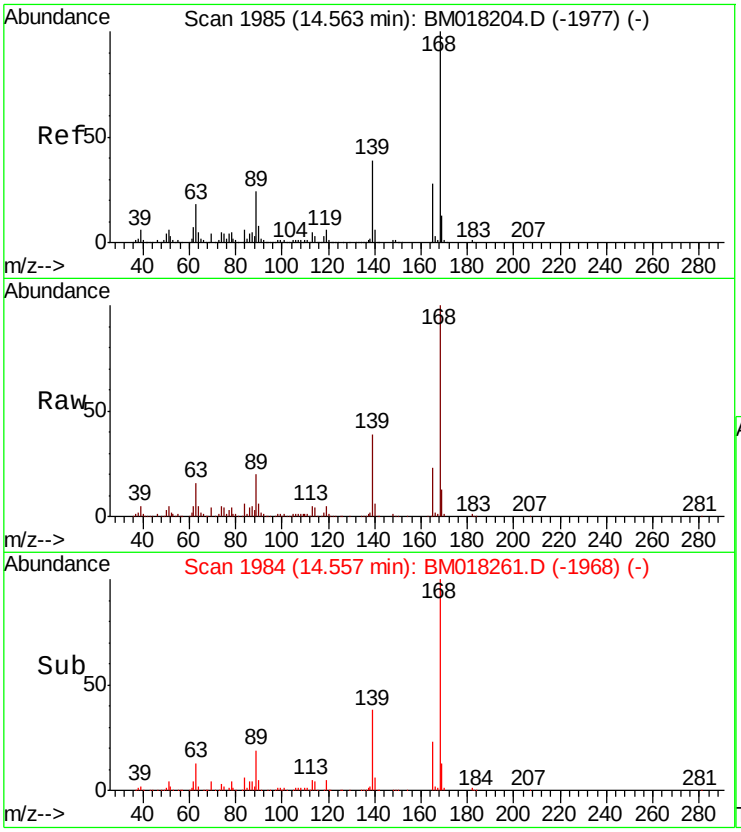




#54
2,4-Dinitrophenol
Concen: 58.327 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:184 Resp: 122675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 70.0 | 51.6 | 77.4 |
| 154 | 67.5 | 54.0 | 81.0 |



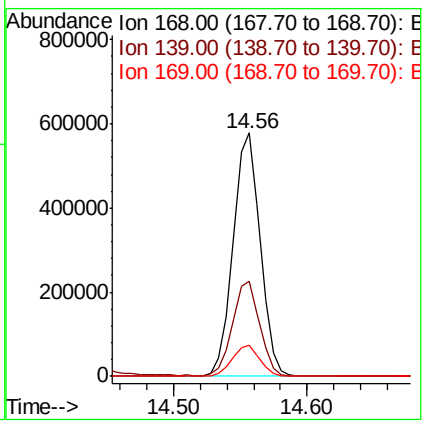


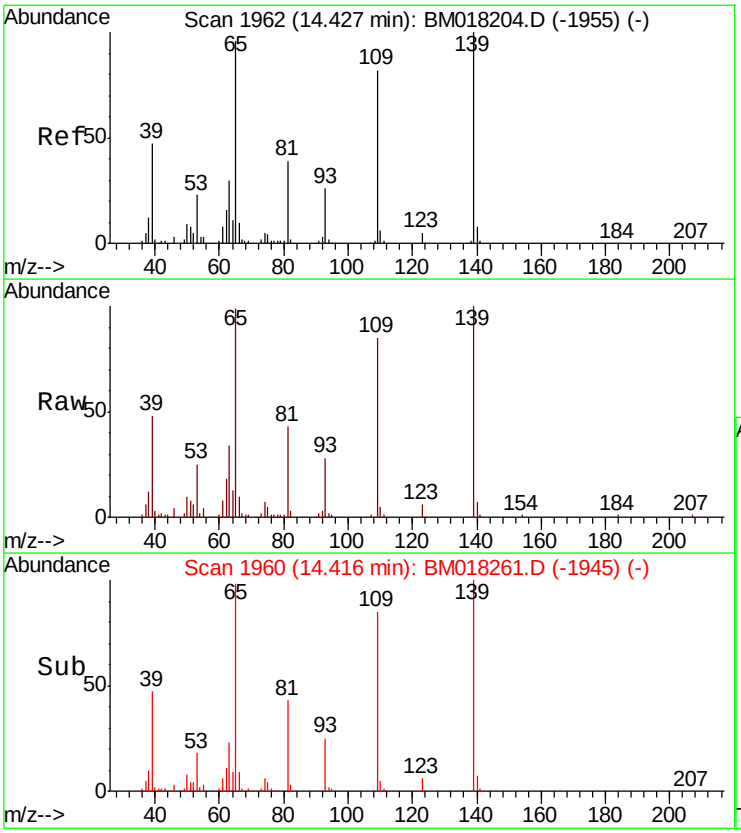

#55
Dibenzofuran
Concen: 39.821 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:168 Resp: 814013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.0 | 31.2 | 46.8 |
| 169 | 13.0 | 10.4 | 15.6 |

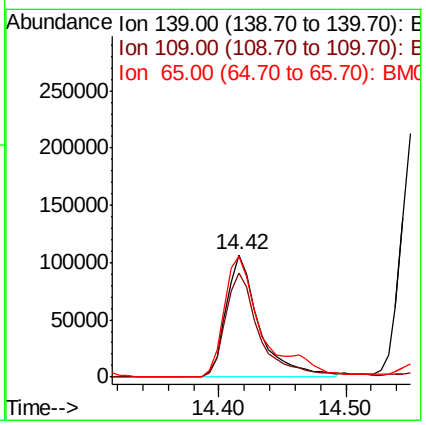


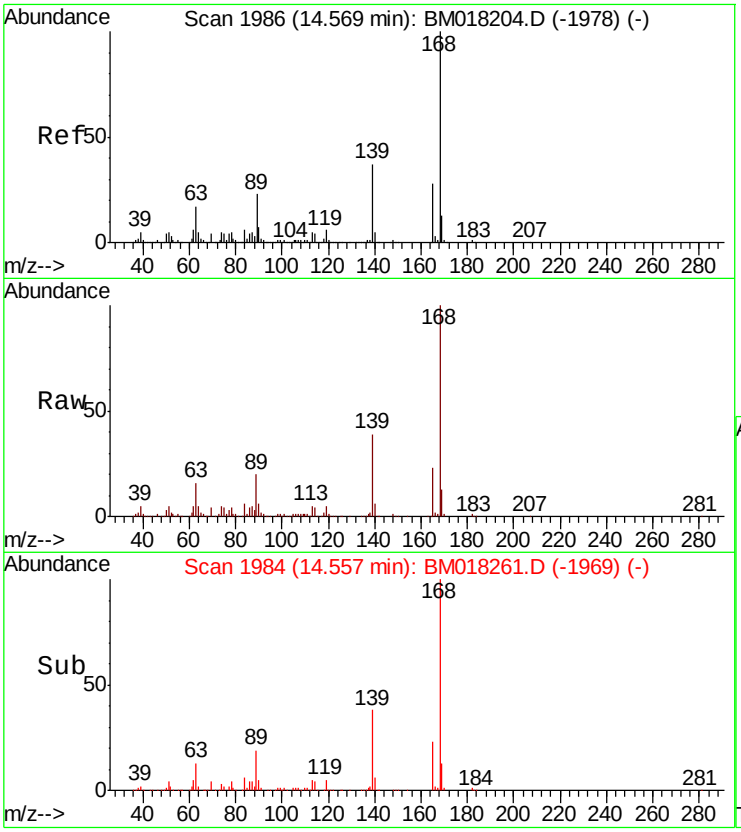




#56
4-Nitrophenol
Concen: 63.006 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:139 Resp: 191669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 85.4 | 62.3 | 102.3 |
| 65 | 99.3 | 76.4 | 116.4 |



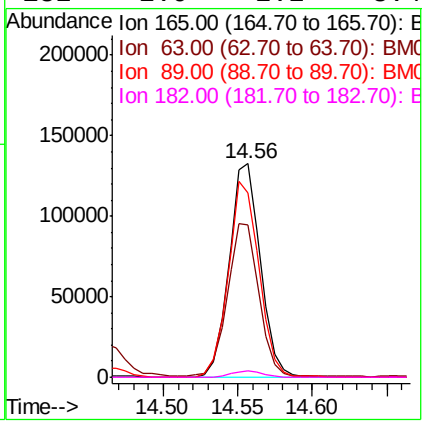


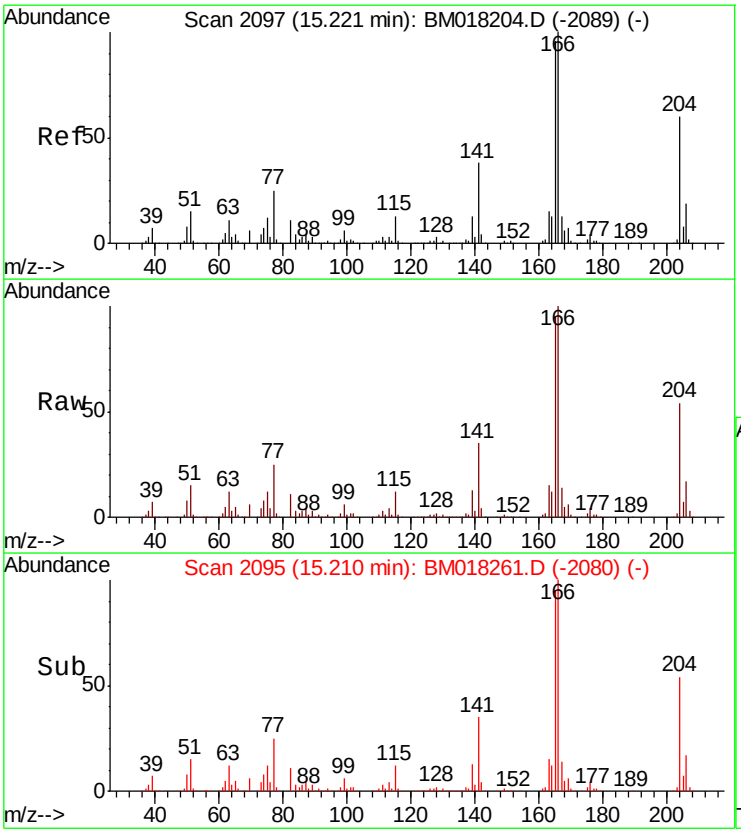

#57
2,4-Dinitrotoluene
Concen: 36.886 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:165 Resp: 194392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 71.2 | 47.2 | 70.8# |
| 89 | 86.1 | 65.8 | 98.8 |
| 182 | 2.9 | 2.2 | 3.4 |

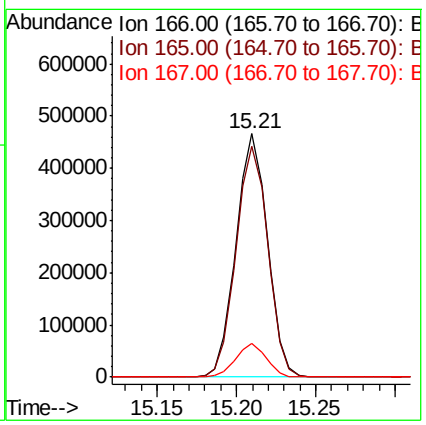


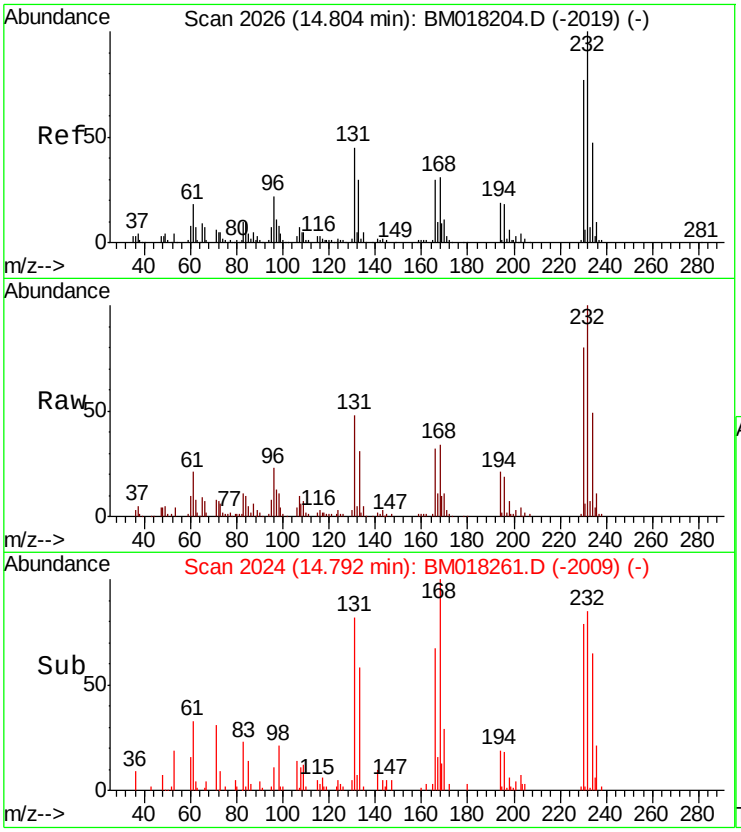




#58
Fluorene
Concen: 40.726 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:166 Resp: 642978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 94.9 | 76.9 | 115.3 |
| 167 | 13.6 | 10.5 | 15.7 |



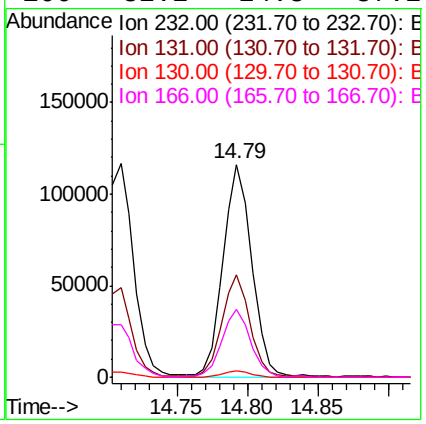


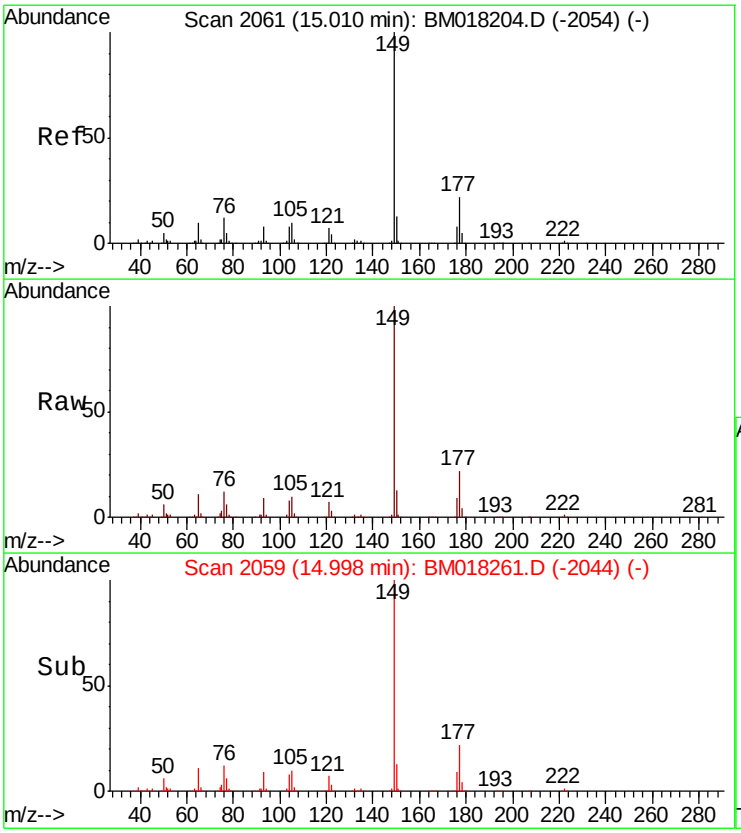

#59
2,3,4,6-Tetrachlorophenol
Concen: 37.100 ng
RT: 14.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:232 Resp: 163666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.1 | 36.2 | 54.2 |
| 130 | 2.7 | 1.8 | 2.6# |
| 166 | 32.2 | 24.8 | 37.2 |

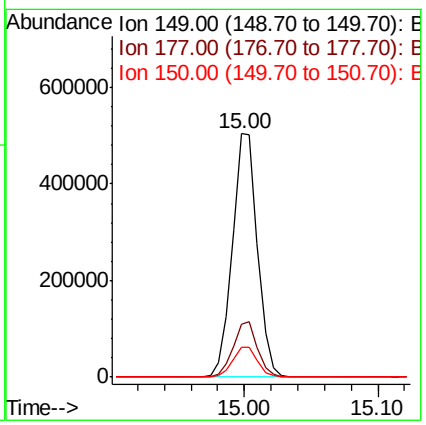


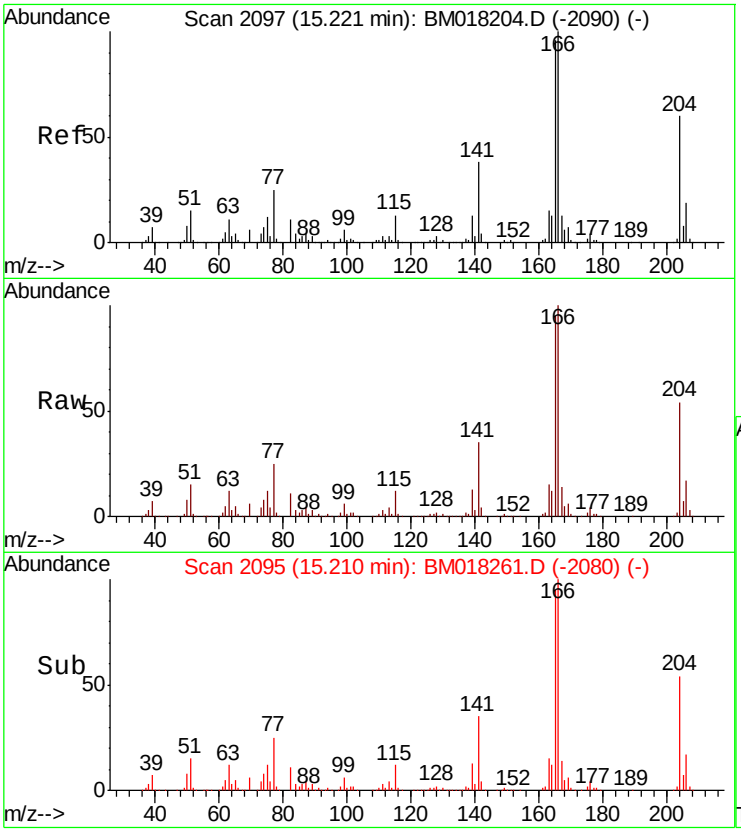




#60
Diethylphthalate
Concen: 35.238 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:149 Resp: 659540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.9 | 17.8 | 26.8 |
| 150 | 12.5 | 10.3 | 15.5 |



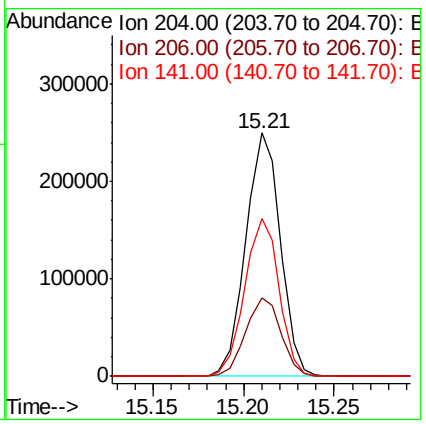


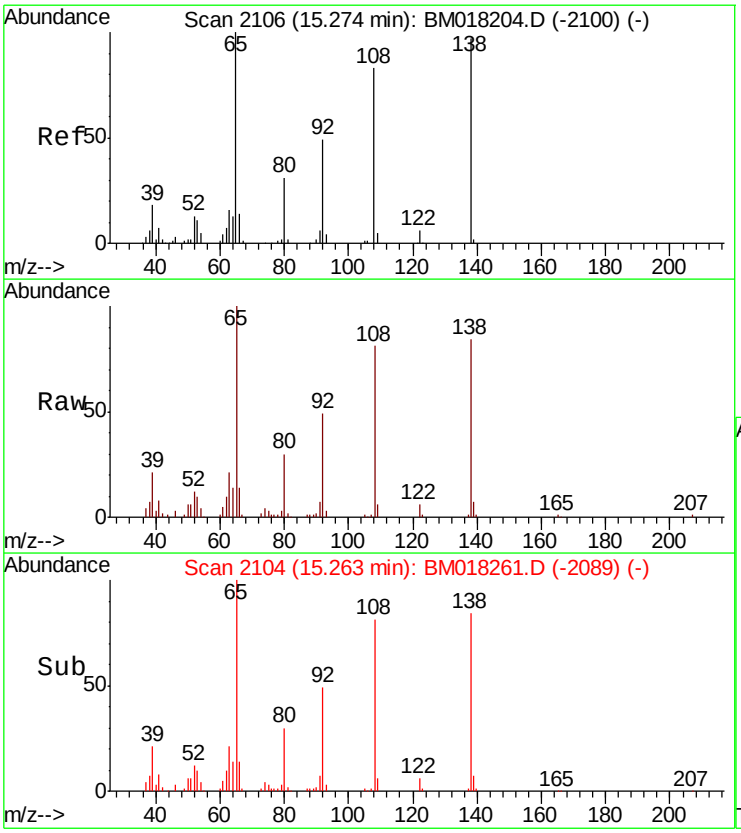

#61
4-Chlorophenyl-phenylether
Concen: 37.108 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:204 Resp: 331338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 25.8 | 38.6 |
| 141 | 64.8 | 50.2 | 75.4 |

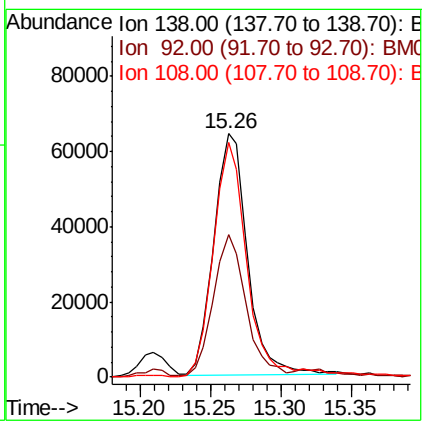


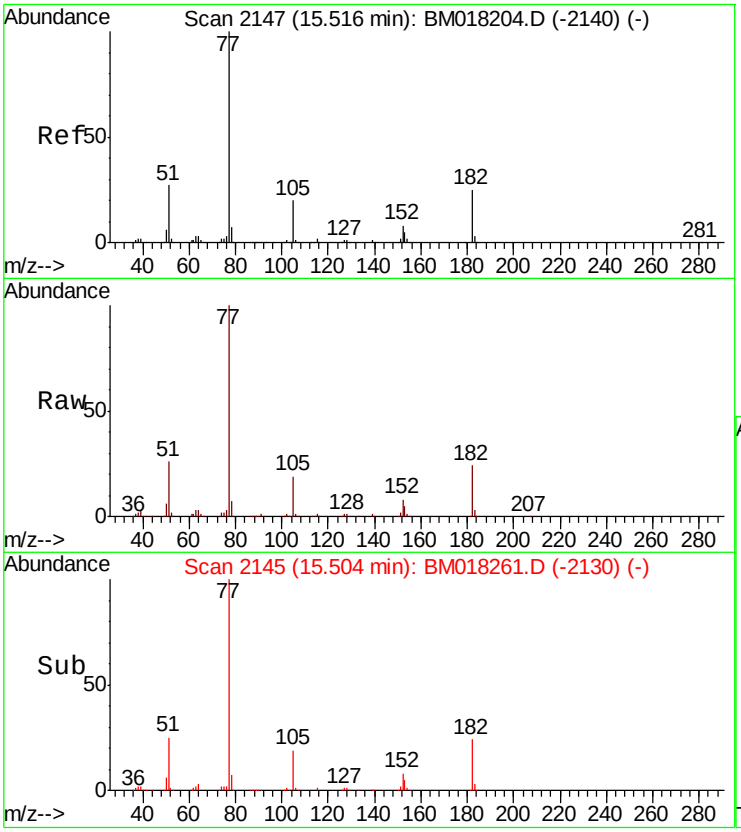




#62
4-Nitroaniline
Concen: 28.081 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:138 Resp: 106908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.4 | 31.1 | 71.1 |
| 108 | 96.3 | 65.0 | 105.0 |



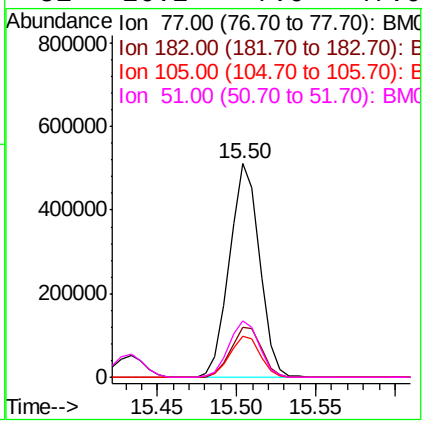


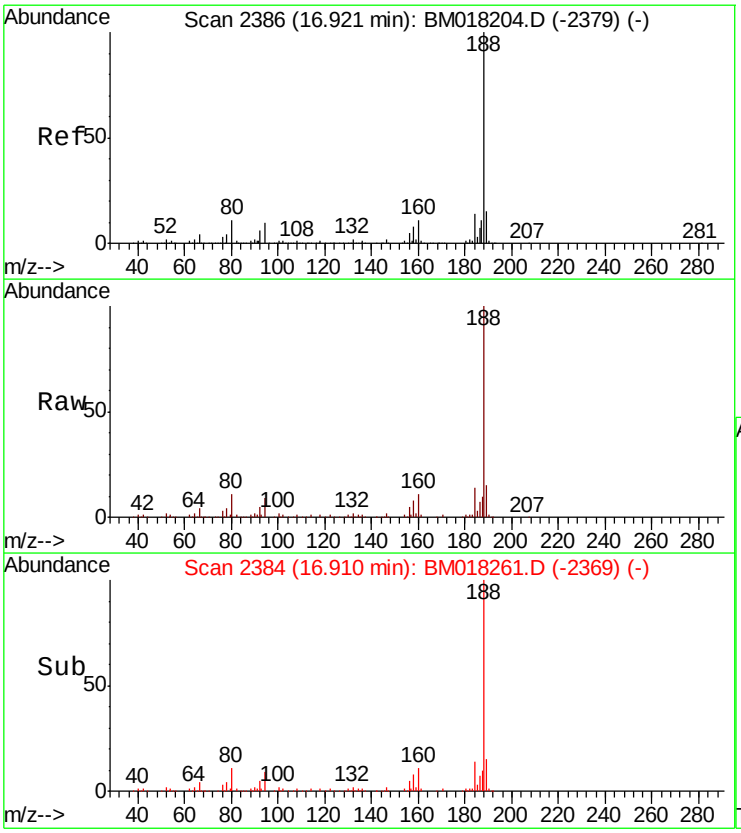

#63
Azobenzene
Concen: 39.259 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion: 77 Resp: 670020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.5 | 4.6 | 44.6 |
| 105 | 19.2 | 0.2 | 40.2 |
| 51 | 26.2 | 7.0 | 47.0 |

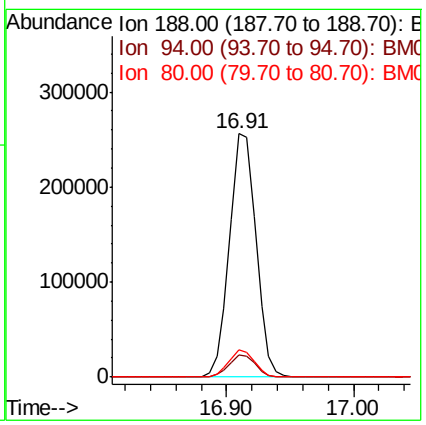


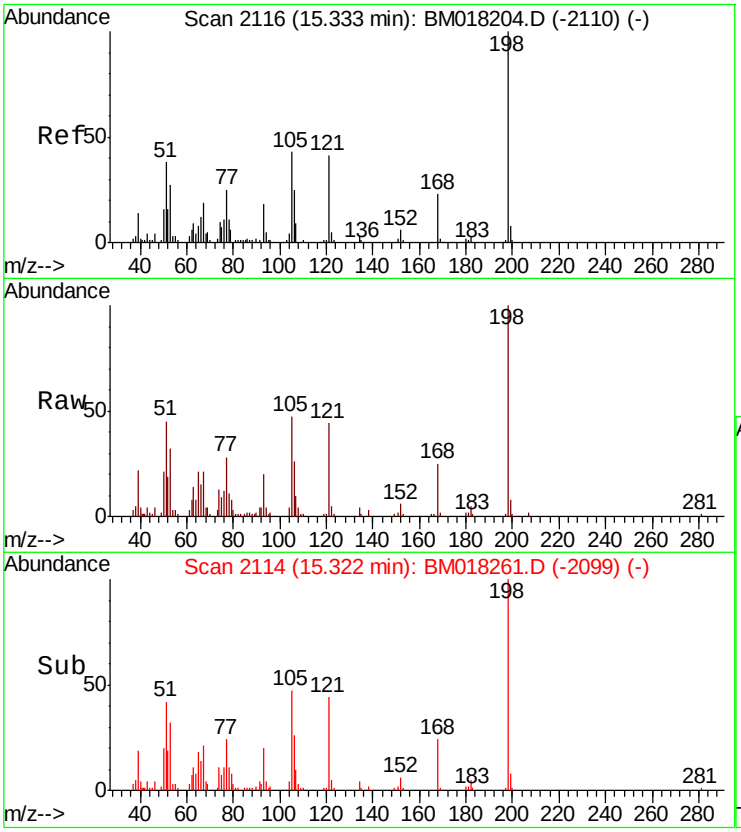




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:188 Resp: 370475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 8.0 | 12.0 |
| 80 | 11.0 | 9.0 | 13.6 |



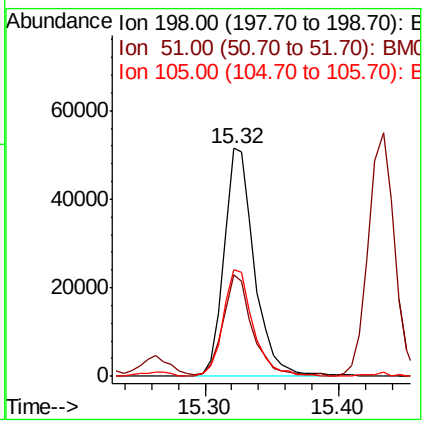


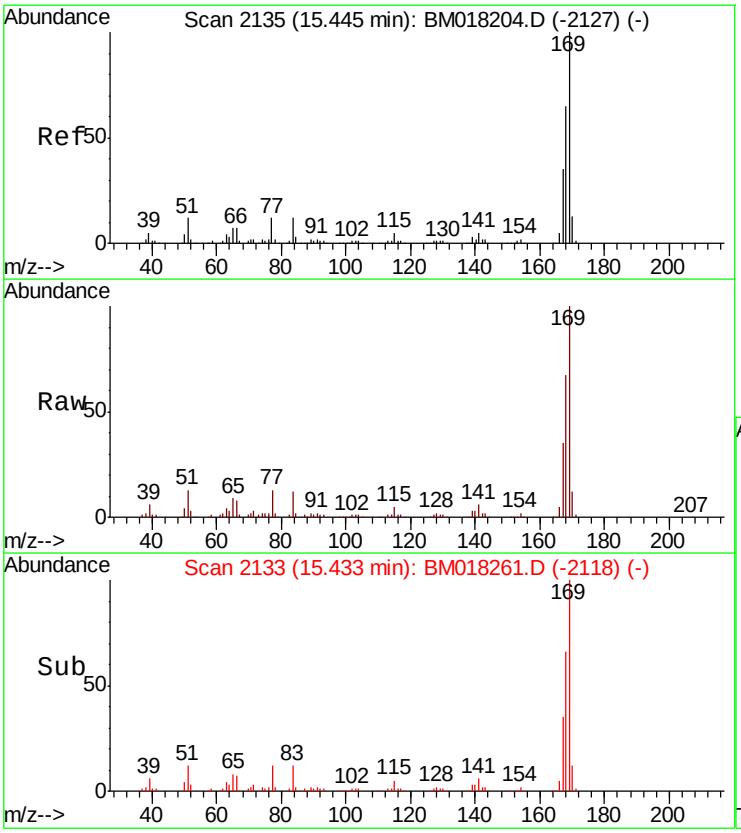

#65
4,6-Dinitro-2-methylphenol
Concen: 30.166 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:198 Resp: 82273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 44.8 | 18.6 | 58.6 |
| 105 | 47.1 | 22.9 | 62.9 |

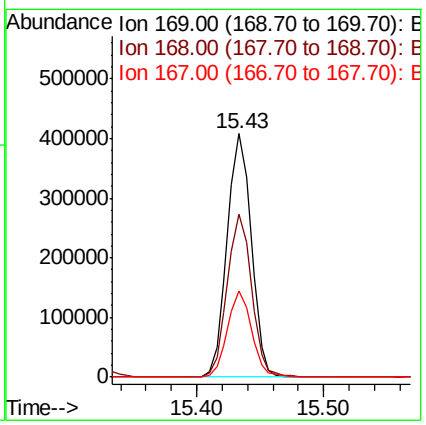


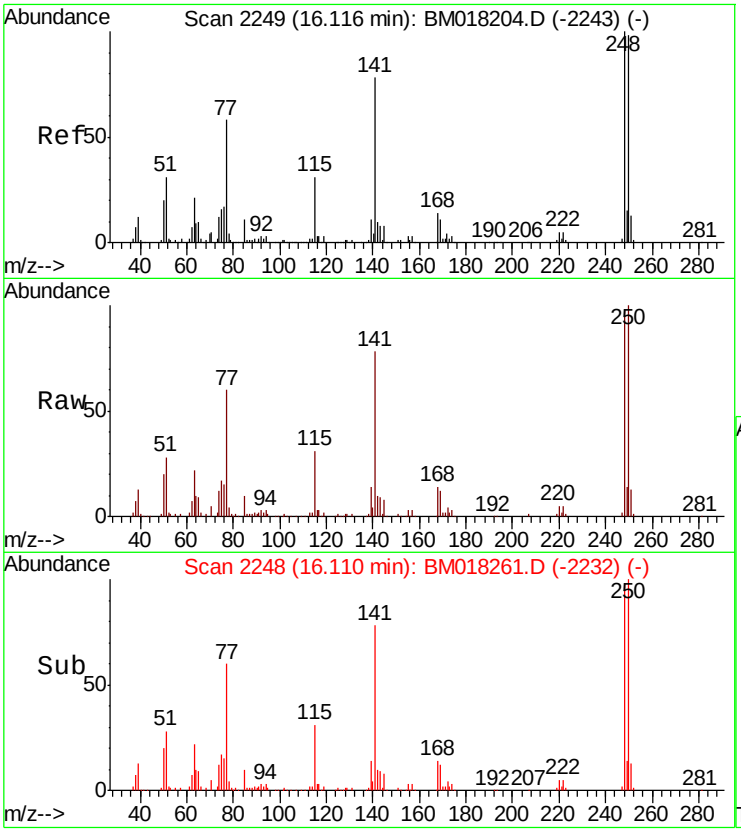




#66
n-Nitrosodiphenylamine
Concen: 43.928 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:169 Resp: 538159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.0 | 52.2 | 78.4 |
| 167 | 35.4 | 27.6 | 41.4 |



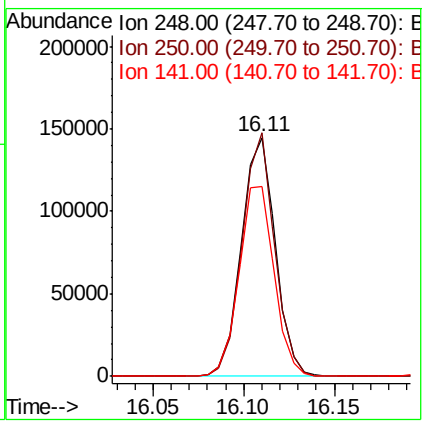


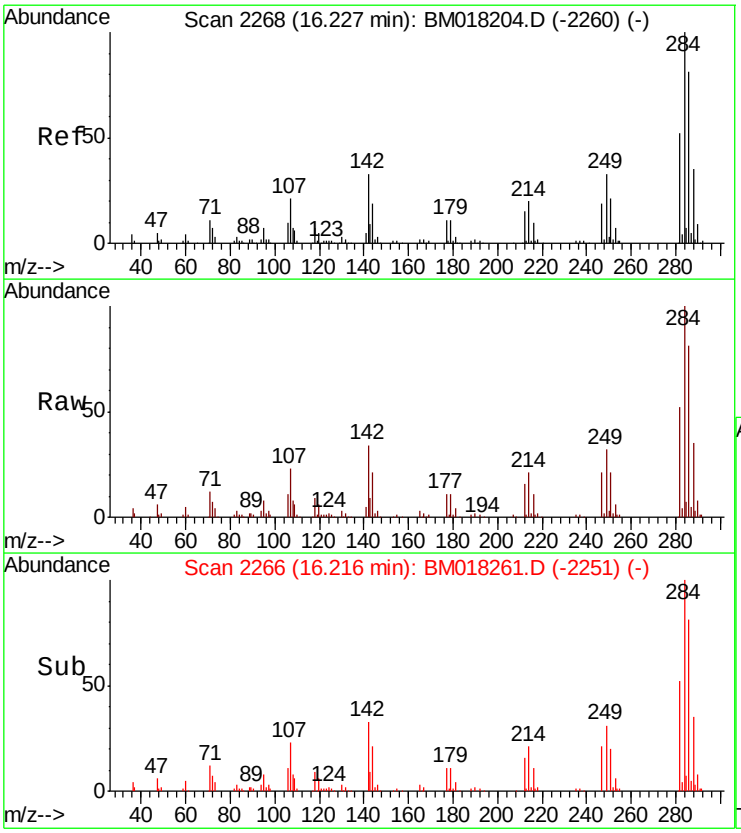

#67
4-Bromophenyl-phenylether
Concen: 41.960 ng
RT: 16.11 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:248 Resp: 188267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.9 | 78.7 | 118.1 |
| 141 | 79.6 | 62.2 | 93.4 |

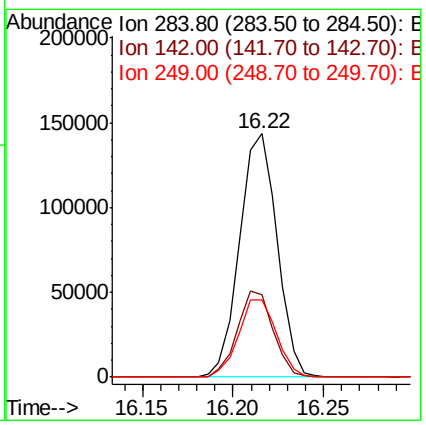


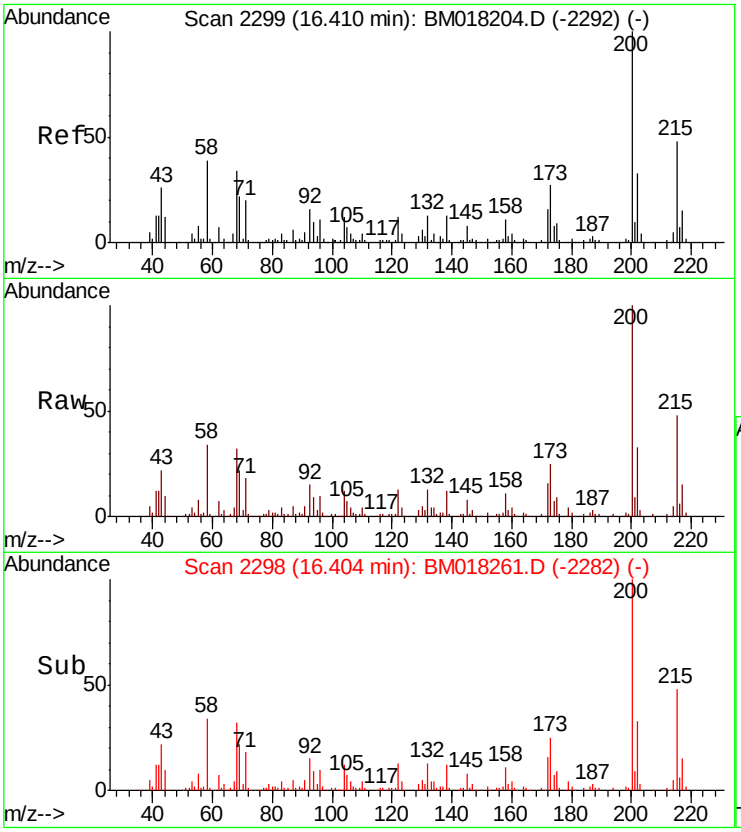




#68
Hexachlorobenzene
Concen: 41.989 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:284 Resp: 206394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.0 | 26.2 | 39.4 |
| 249 | 31.8 | 26.2 | 39.2 |



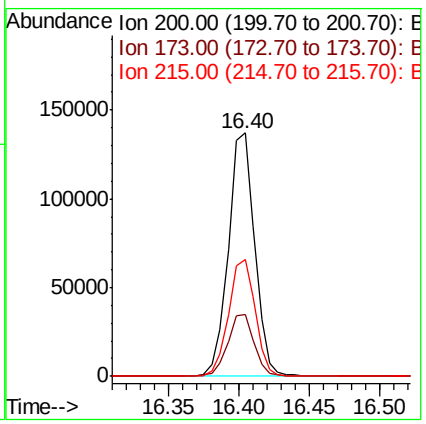


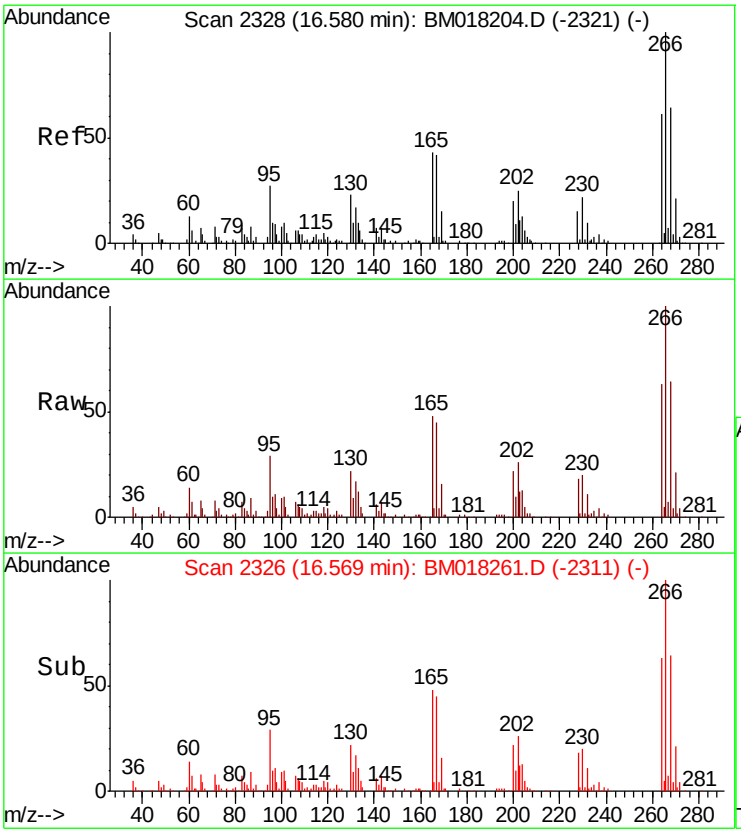

#69
Atrazine
Concen: 43.092 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:200 Resp: 178224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.5 | 6.9 | 46.9 |
| 215 | 47.9 | 27.9 | 67.9 |

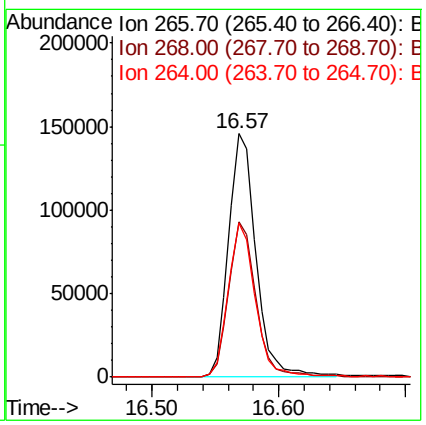


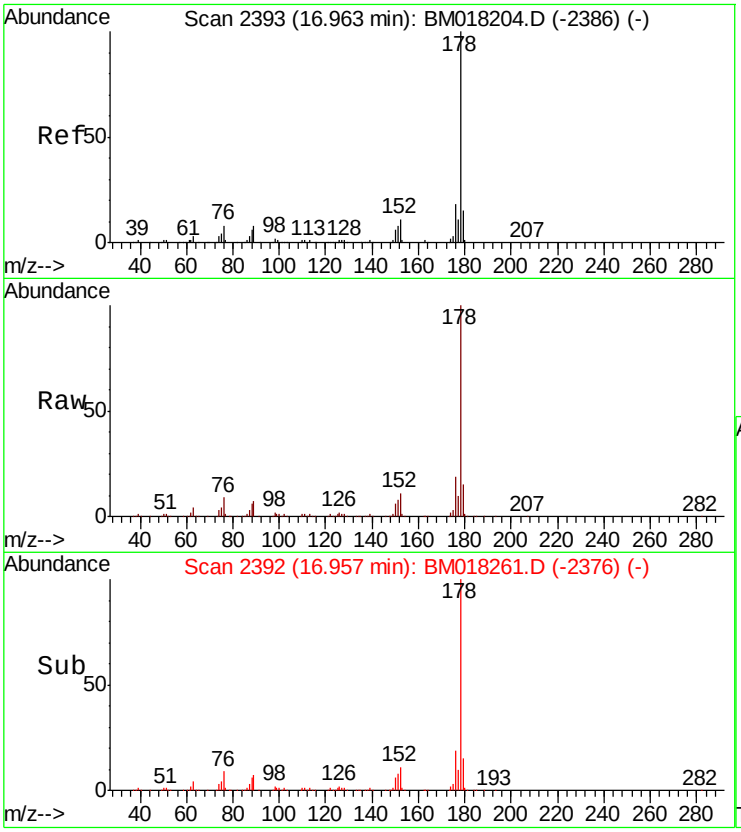




#70
Pentachlorophenol
Concen: 67.133 ng
RT: 16.57 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:266 Resp: 217933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.1 | 76.7 |
| 264 | 63.5 | 49.0 | 73.4 |



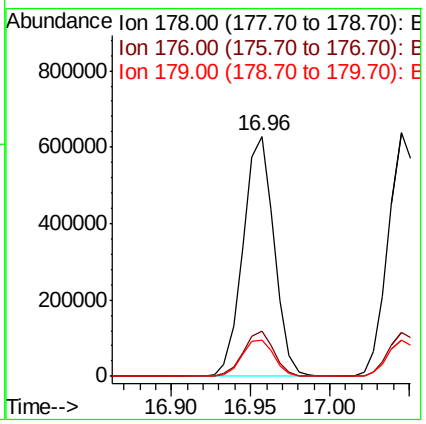


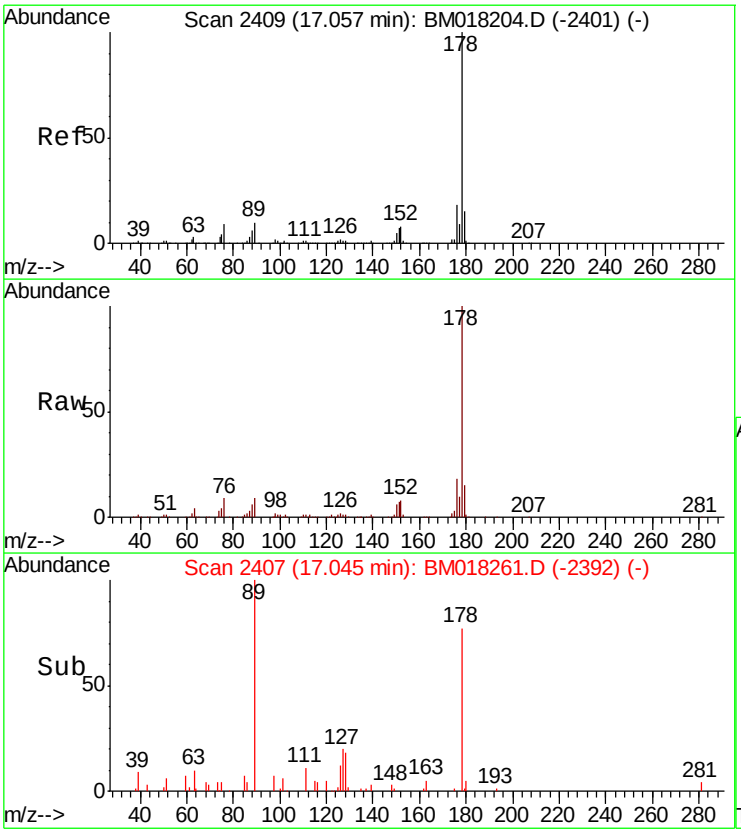

#71
Phenanthrene
Concen: 42.364 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:178 Resp: 852515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.7 | 22.1 |
| 179 | 15.0 | 12.0 | 18.0 |

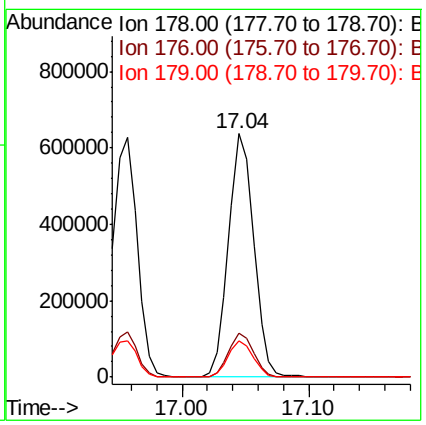


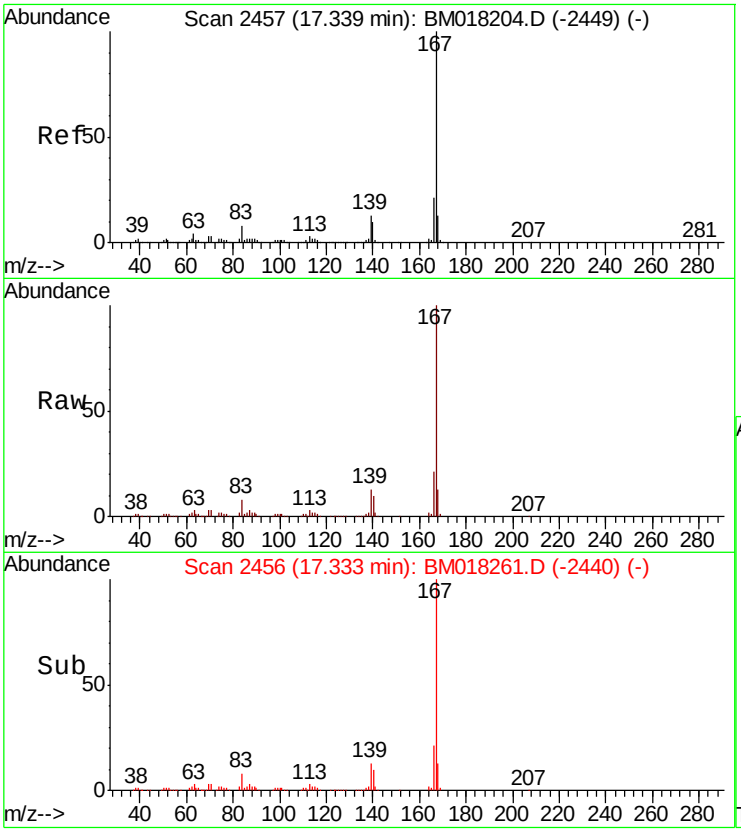




#72
Anthracene
Concen: 43.999 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:178 Resp: 878394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.9 | 14.3 | 21.5 |
| 179 | 14.8 | 12.0 | 18.0 |



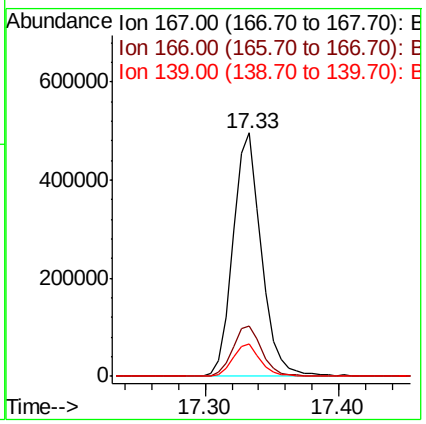


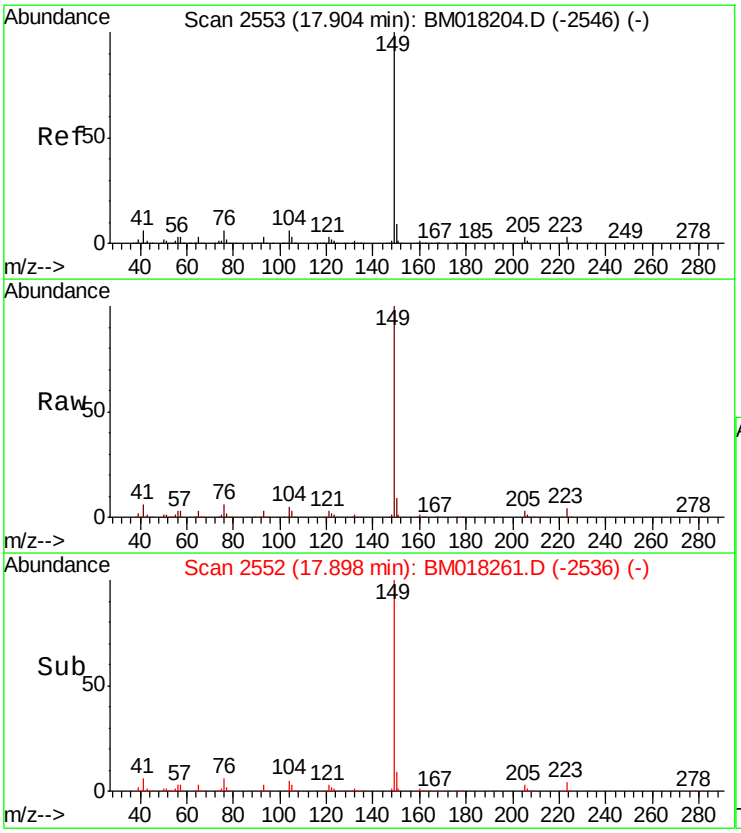

#73
Carbazole
Concen: 35.802 ng
RT: 17.33 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:167 Resp: 733606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 20.9 | 16.8 | 25.2 |
| 139 | 13.3 | 10.3 | 15.5 |

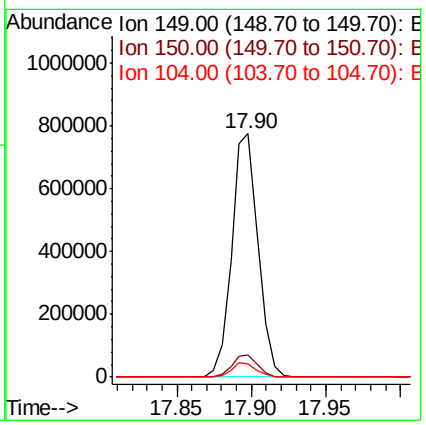


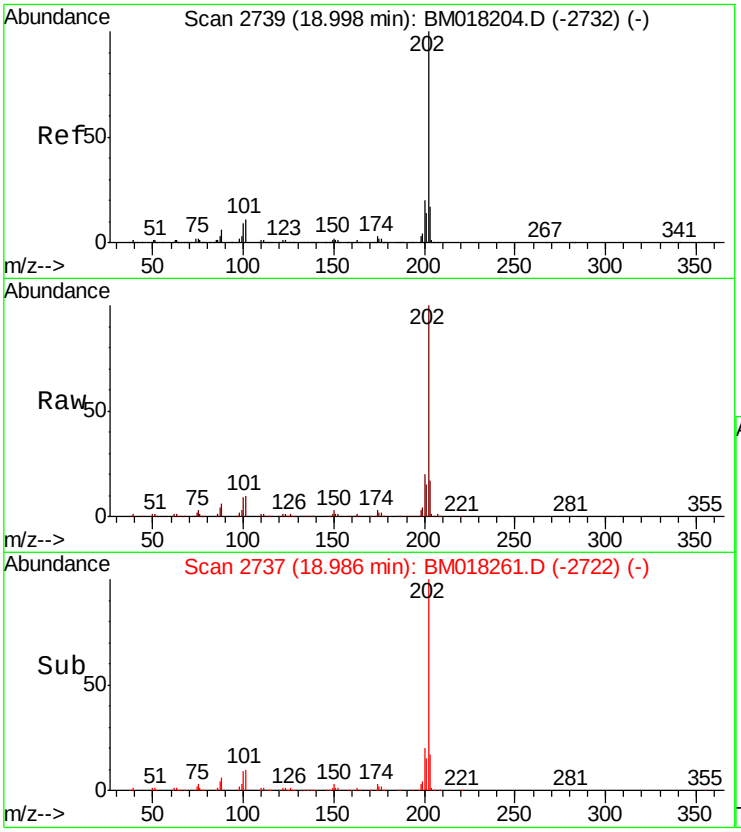




#74
Di-n-butylphthalate
Concen: 37.759 ng
RT: 17.90 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:149 Resp: 954657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.3 | 10.9 |
| 104 | 5.3 | 4.8 | 7.2 |



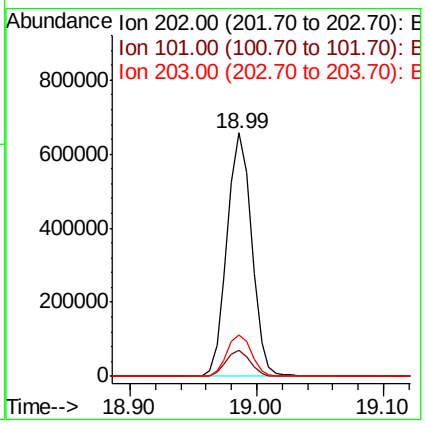


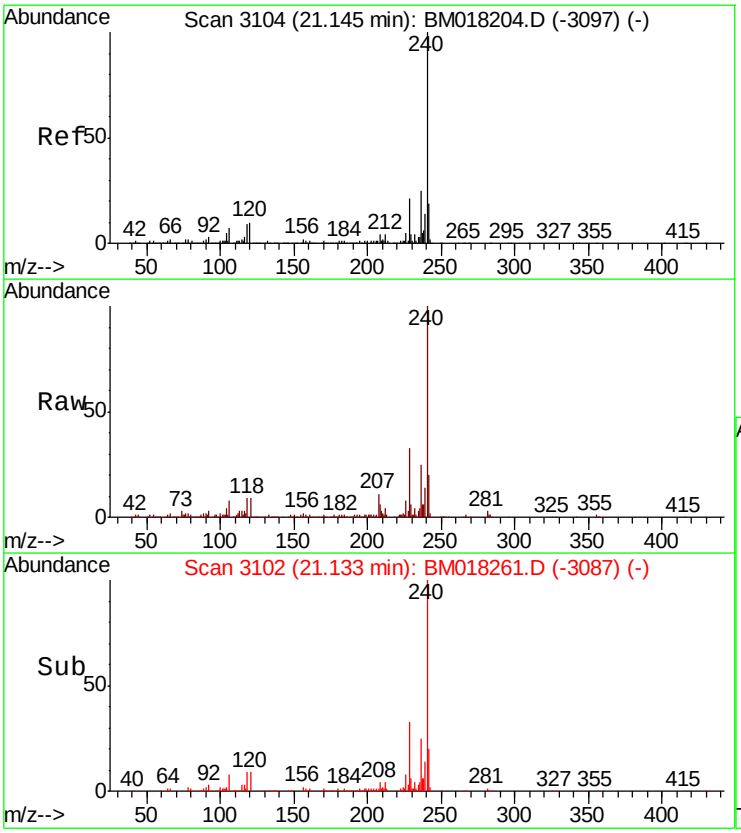

#75
Fluoranthene
Concen: 37.908 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:202 Resp: 886903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 30.5 |
| 203 | 17.0 | 0.0 | 37.5 |

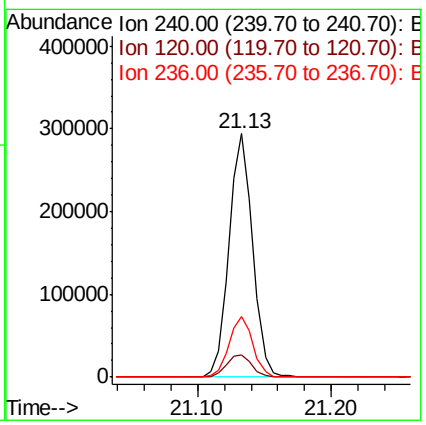


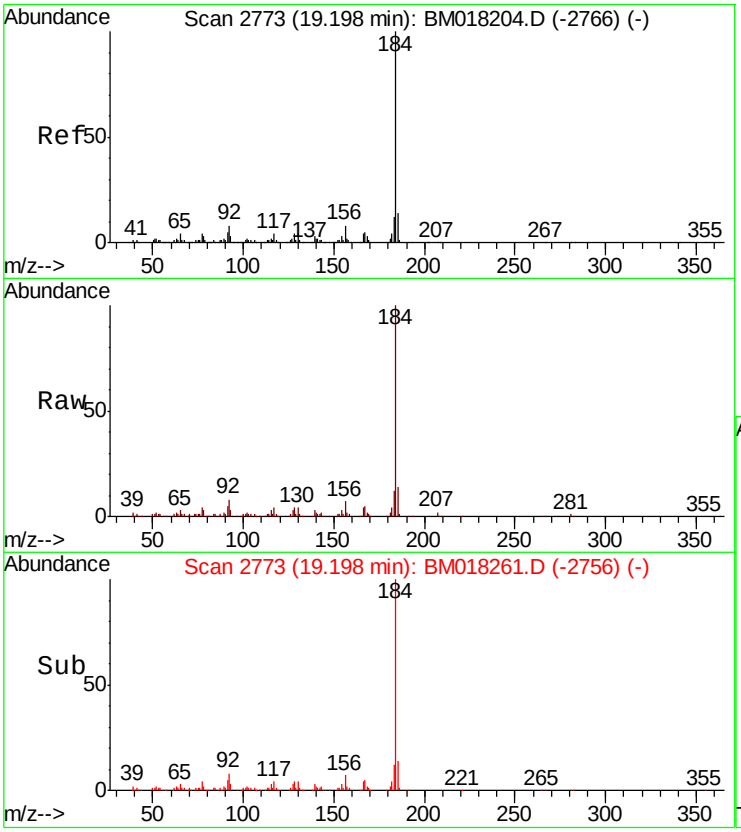




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:240 Resp: 364349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 8.2 | 12.2 |
| 236 | 25.0 | 20.3 | 30.5 |



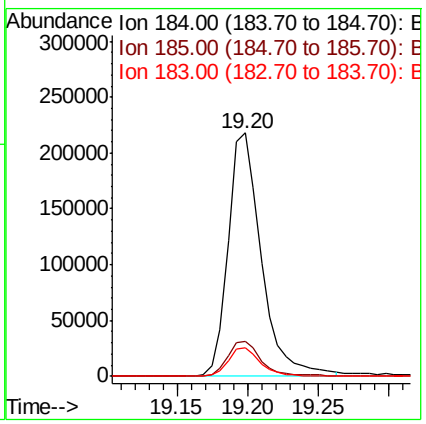


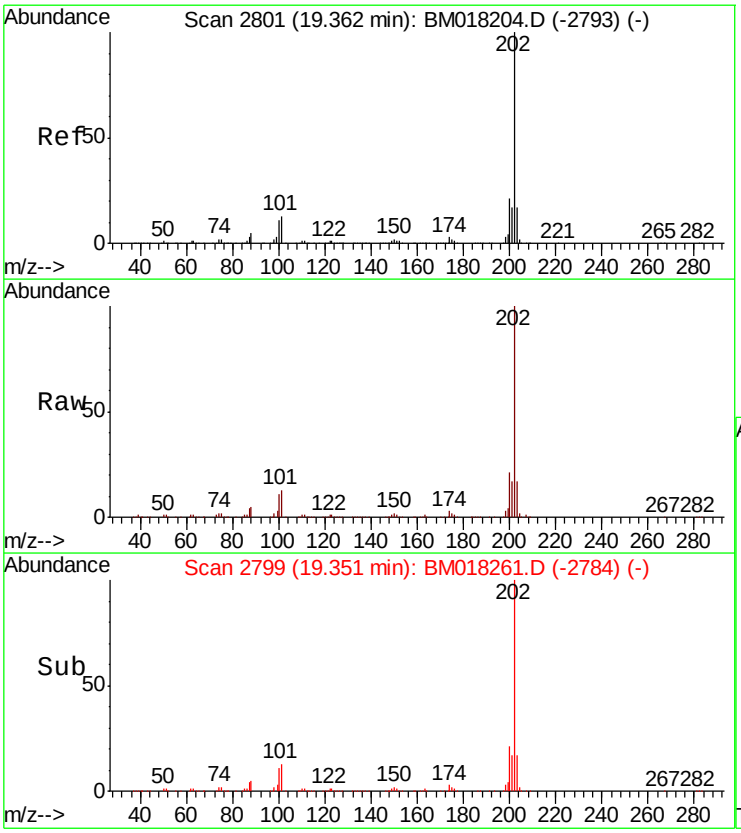

#77
Benzidine
Concen: 38.743 ng
RT: 19.20 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:184 Resp: 357953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.4 | 17.2 |
| 183 | 11.9 | 9.7 | 14.5 |

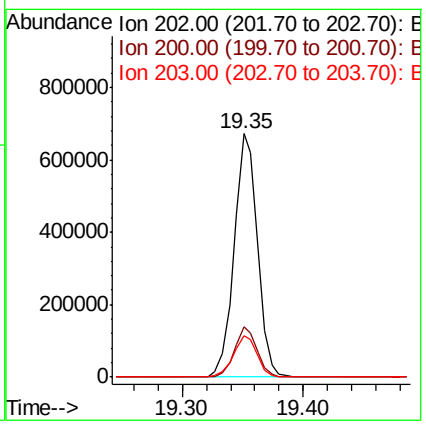


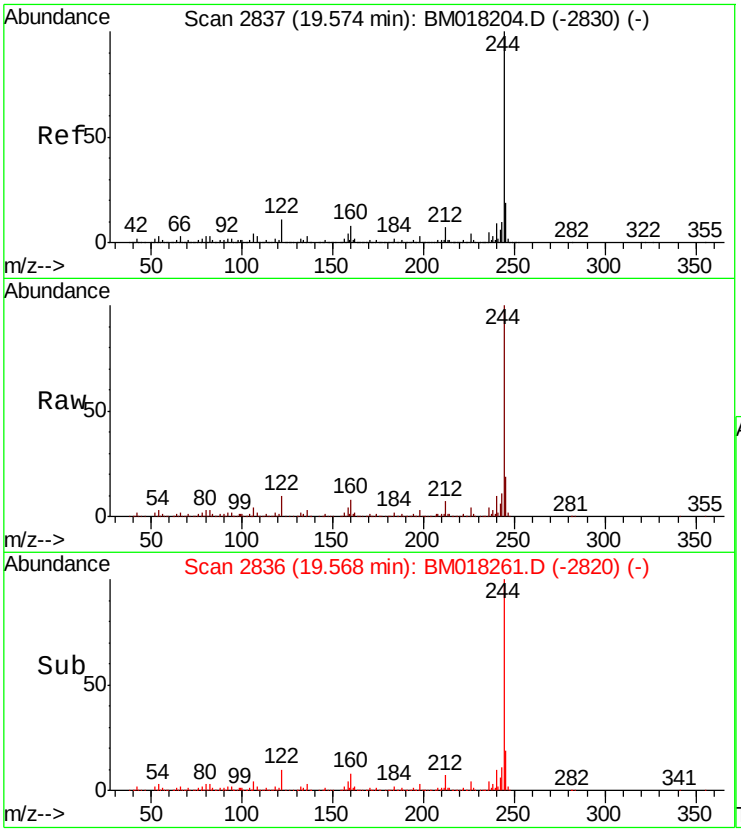




#78
Pyrene
Concen: 41.547 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:202 Resp: 901966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 16.5 | 24.7 |
| 203 | 16.8 | 14.0 | 21.0 |



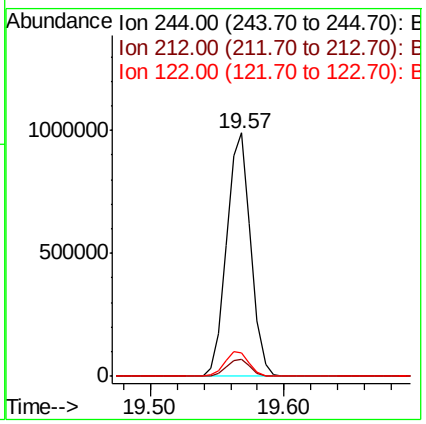


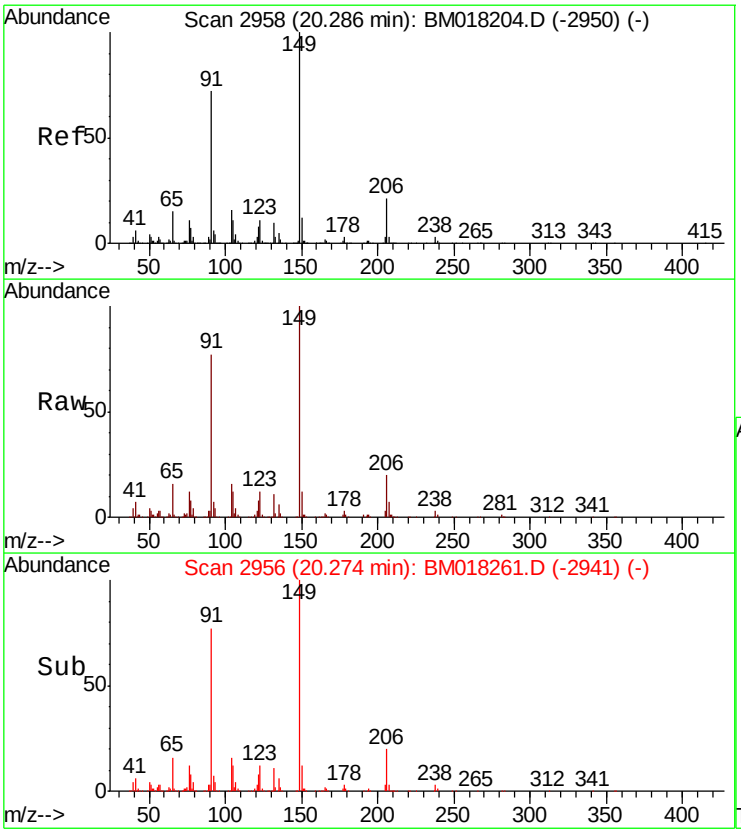

#79
Terphenyl-d14
Concen: 77.507 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:244 Resp: 1248634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 9.8 | 9.0 | 13.6 |

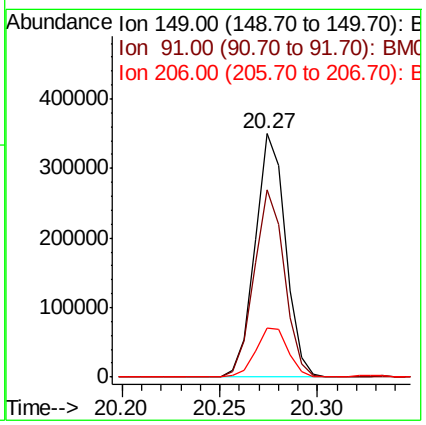


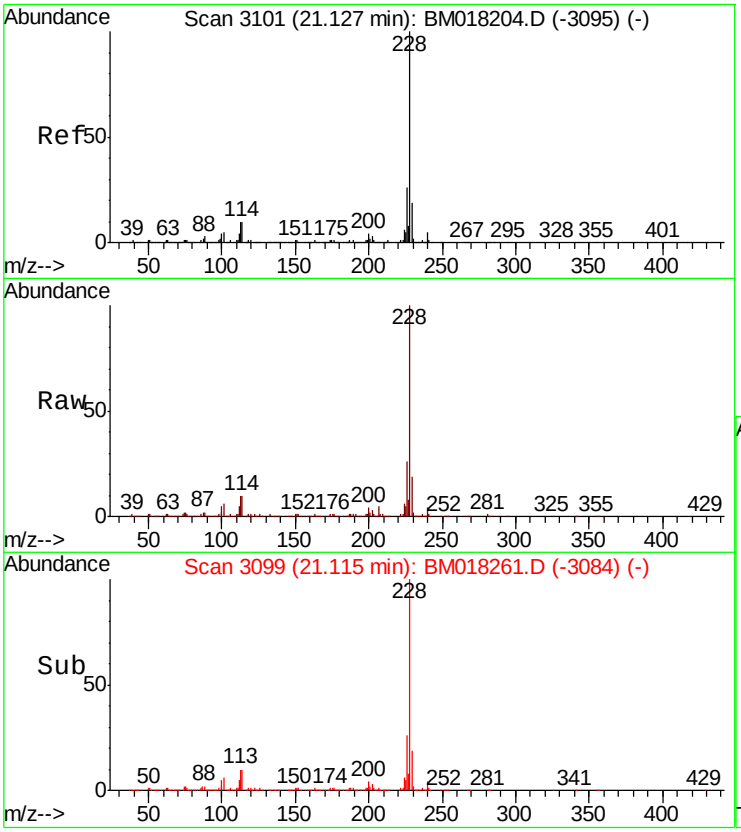




#80
Butylbenzylphthalate
Concen: 36.766 ng
RT: 20.27 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:149 Resp: 379714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.9 | 57.4 | 86.2 |
| 206 | 20.3 | 17.0 | 25.4 |



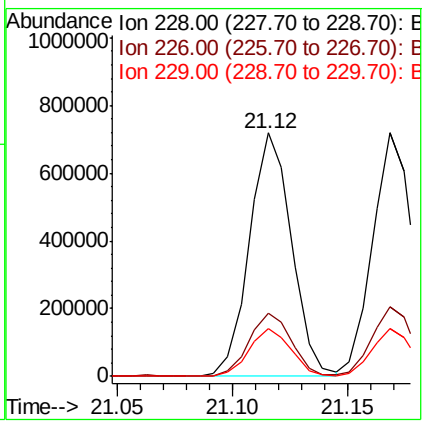


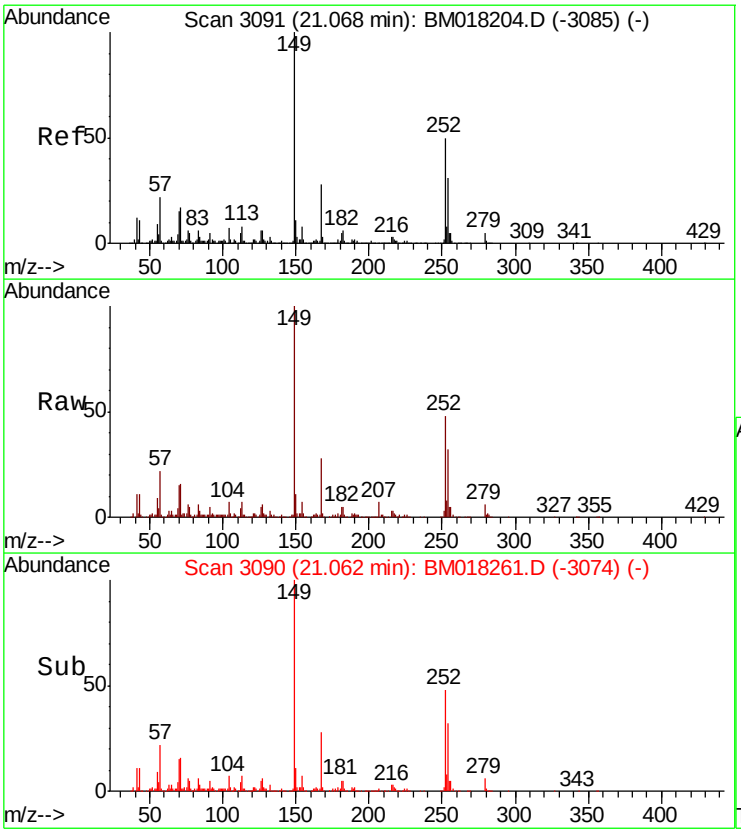

#81
Benzo(a)anthracene
Concen: 43.059 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:228 Resp: 916451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.9 | 21.0 | 31.4 |
| 229 | 19.4 | 15.5 | 23.3 |

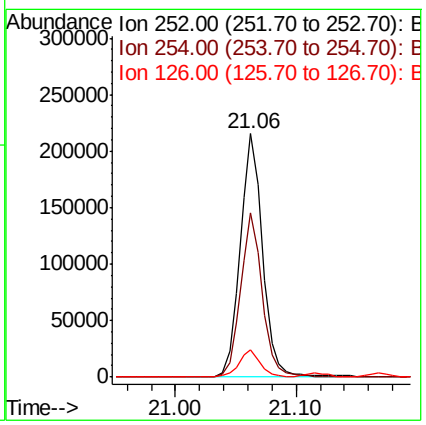


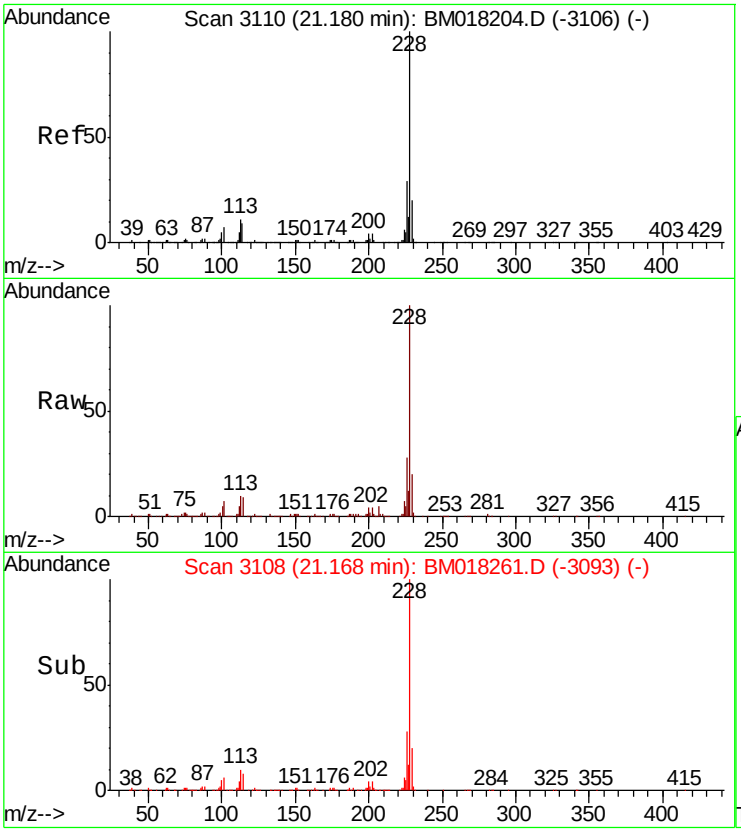




#82
3,3'-Dichlorobenzidine
Concen: 32.833 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:252 Resp: 279176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.3 | 50.4 | 75.6 |
| 126 | 11.2 | 9.4 | 14.0 |



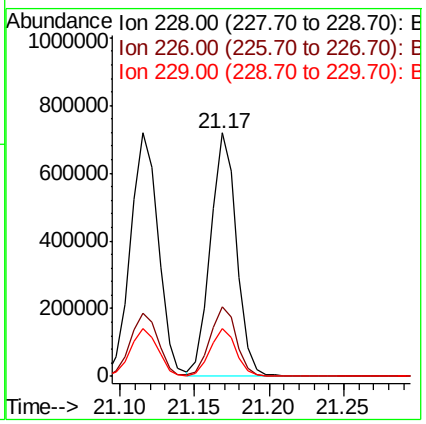


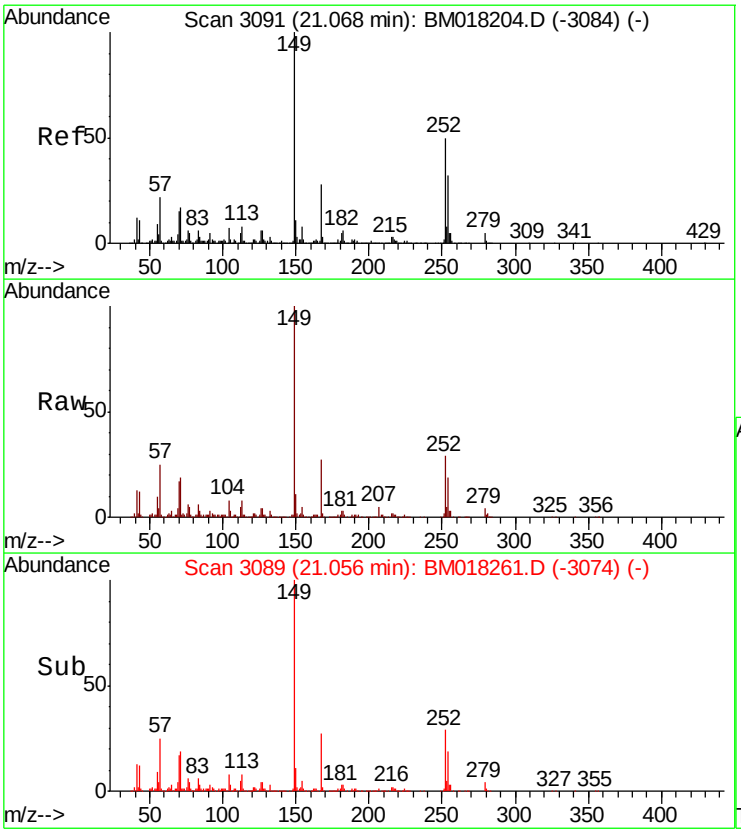

#83
Chrysene
Concen: 42.596 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:228 Resp: 872009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.4 | 23.1 | 34.7 |
| 229 | 19.8 | 15.8 | 23.6 |

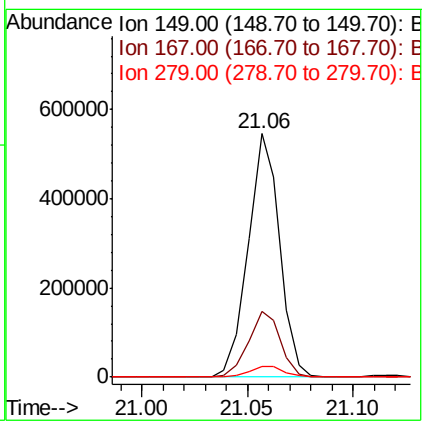


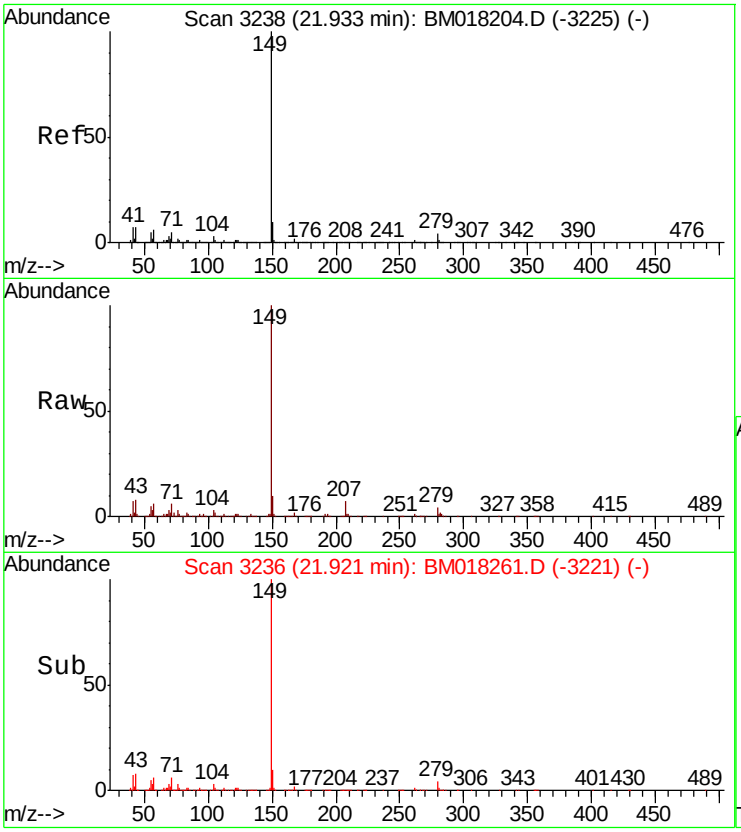




#84
Bis(2-ethylhexyl)phthalate
Concen: 36.731 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:149 Resp: 565376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 22.7 | 34.1 |
| 279 | 4.4 | 3.9 | 5.9 |



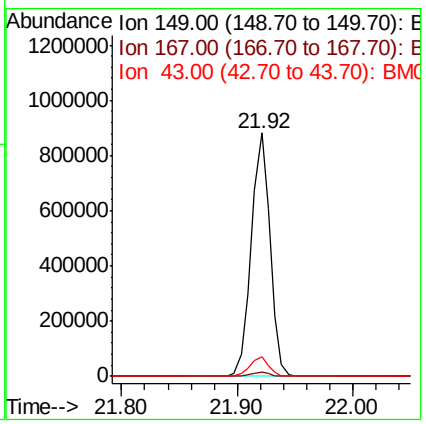


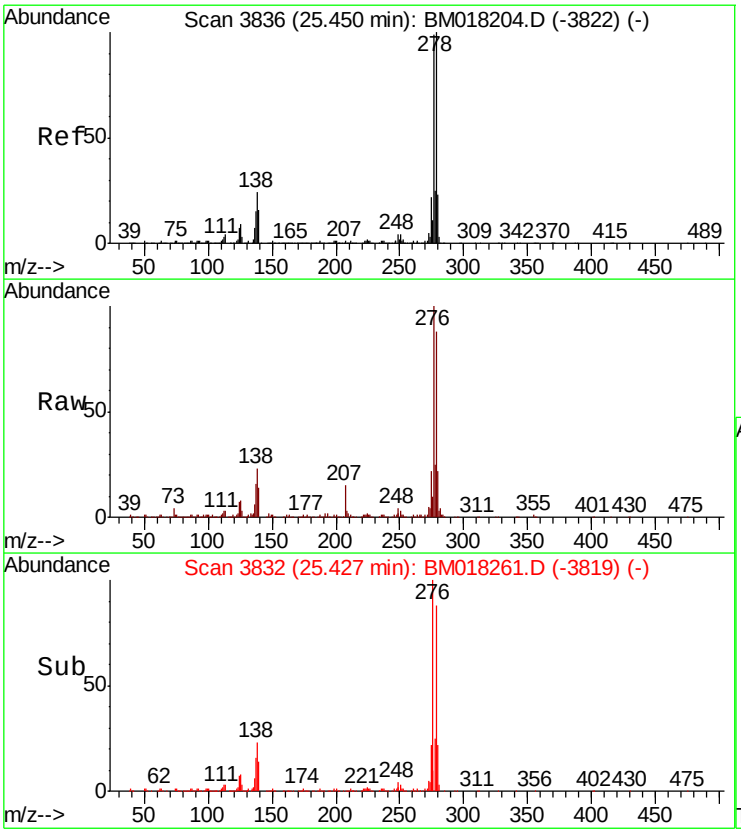

#85
Di-n-octyl phthalate
Concen: 39.472 ng
RT: 21.92 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:149 Resp: 995040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.4 | 2.0 |
| 43 | 7.8 | 6.2 | 9.4 |

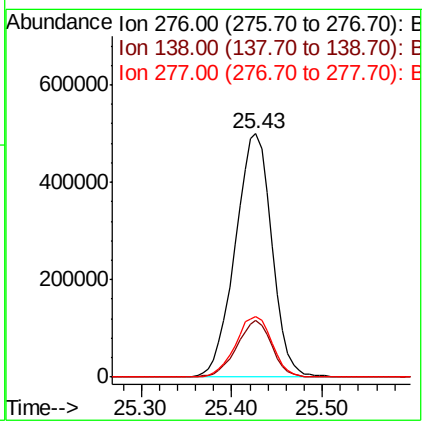


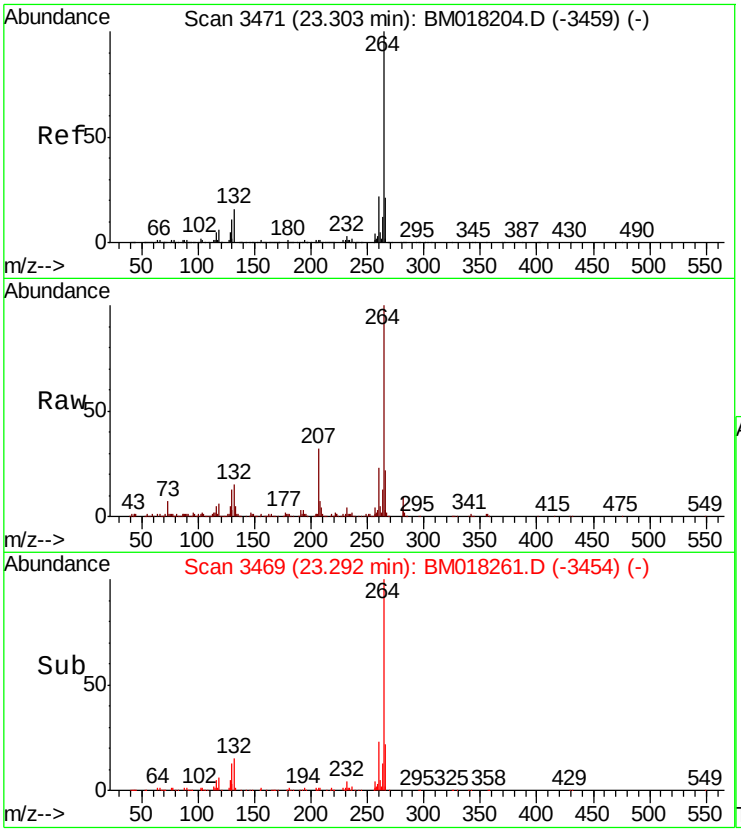




#86
Indeno(1,2,3-cd)pyrene
Concen: 68.598 ng
RT: 25.43 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:276 Resp: 1398862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.0 | 18.6 | 28.0 |
| 277 | 25.3 | 20.3 | 30.5 |



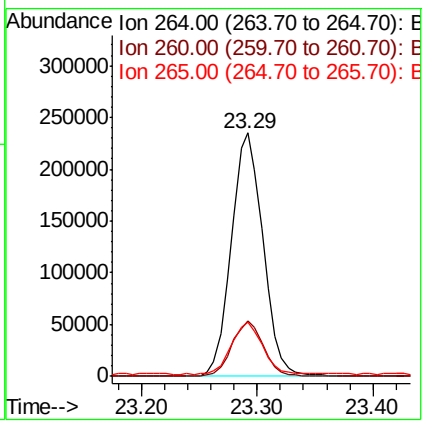


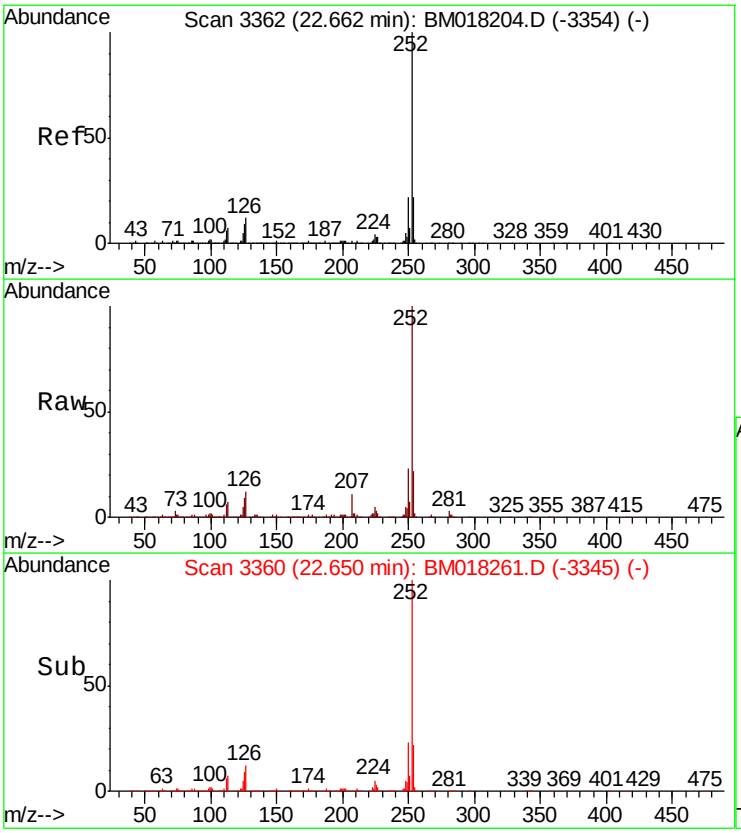

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:264 Resp: 447291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 17.5 | 26.3 |
| 265 | 22.0 | 17.3 | 25.9 |

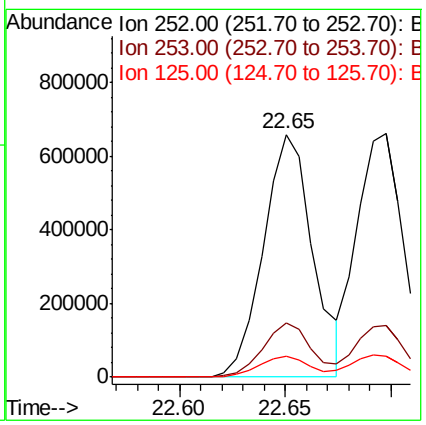


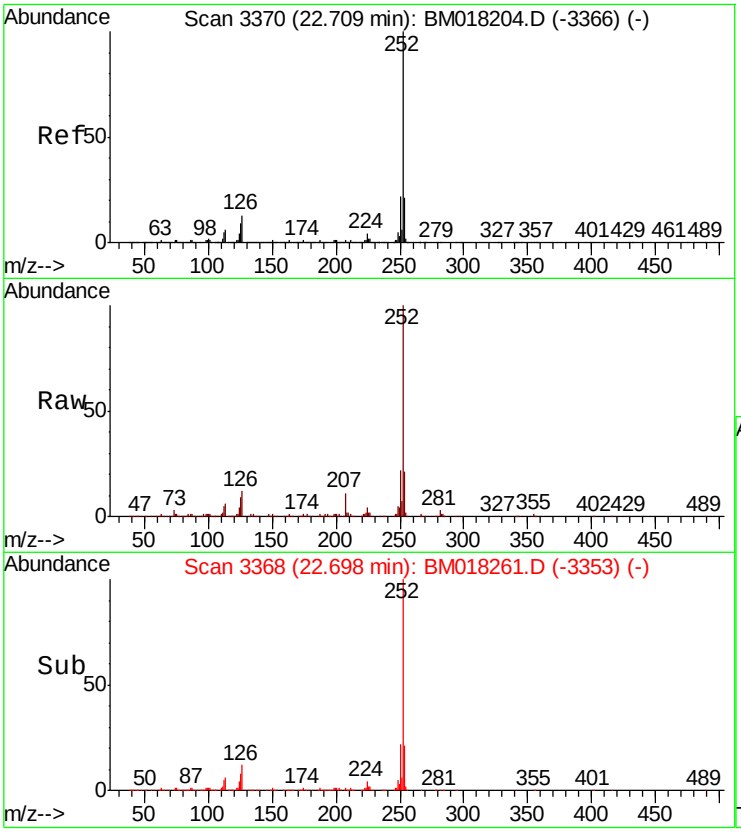




#88
Benzo(b)fluoranthene
Concen: 42.629 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:252 Resp: 1071062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.6 | 26.4 |
| 125 | 8.8 | 7.4 | 11.0 |



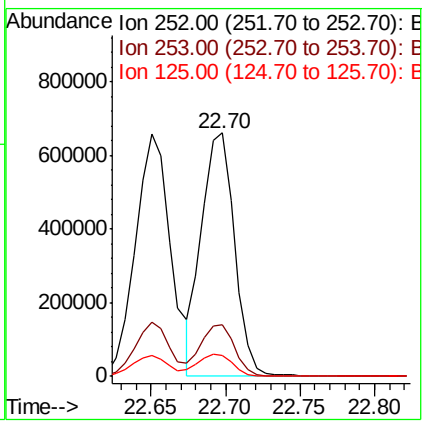


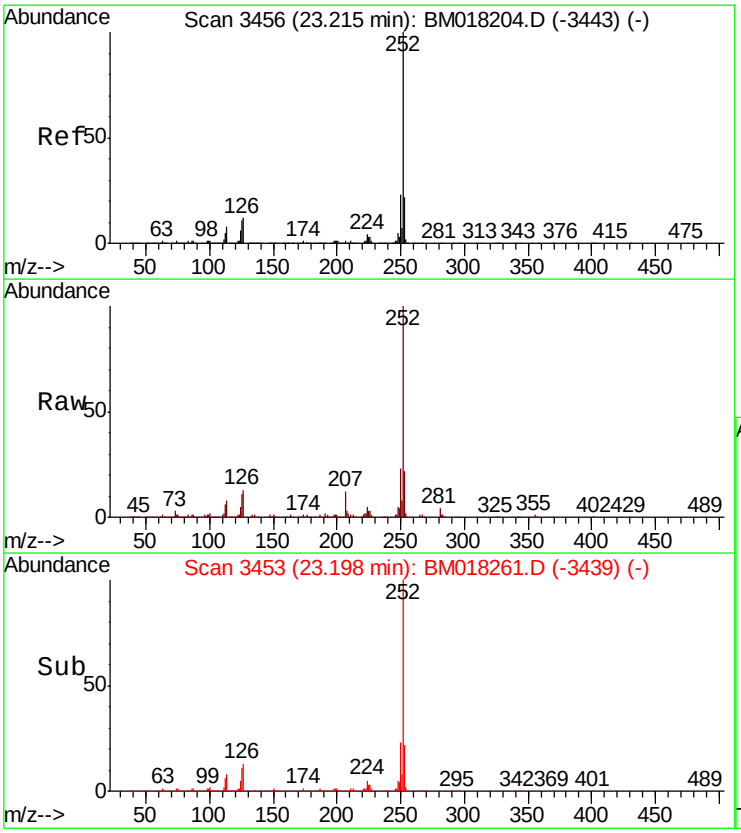

#89
Benzo(k)fluoranthene
Concen: 40.439 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:252 Resp: 1011893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 16.9 | 25.3 |
| 125 | 8.5 | 7.5 | 11.3 |

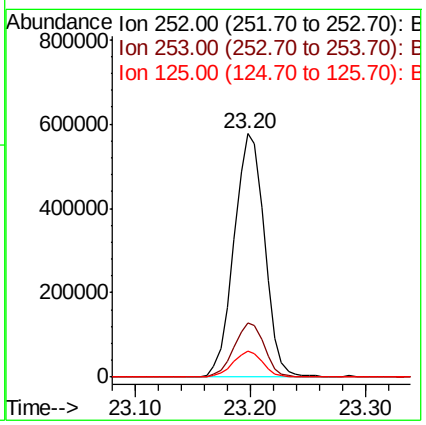


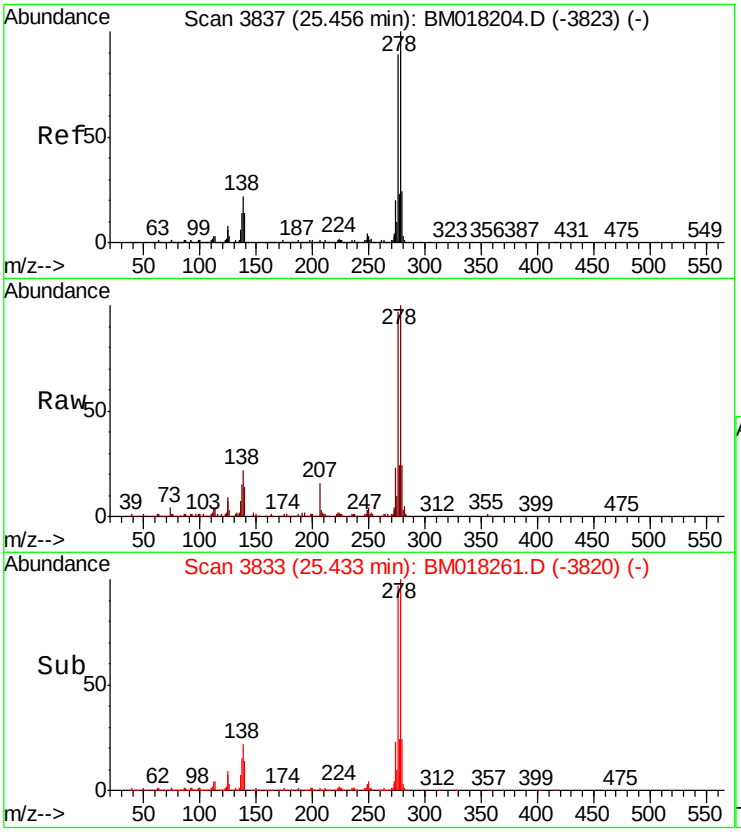




#90
Benzo(a)pyrene
Concen: 44.141 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:252 Resp: 1054810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.6 | 26.4 |
| 125 | 10.9 | 8.6 | 12.8 |



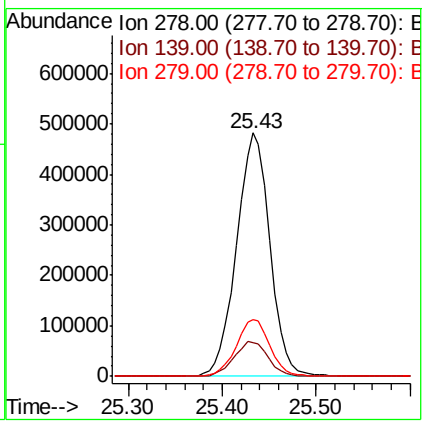


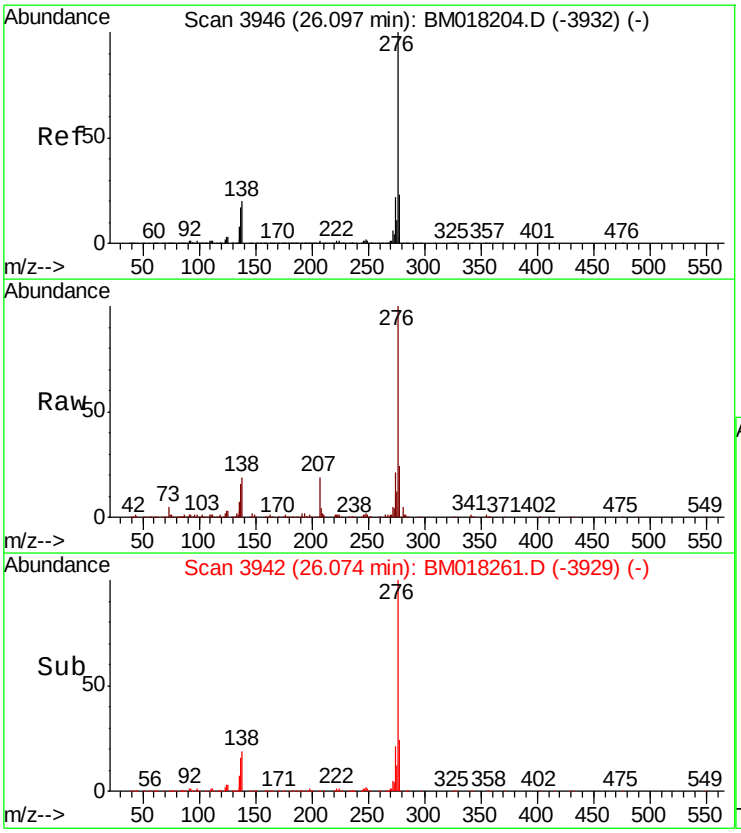

#91
Dibenzo(a,h)anthracene
Concen: 53.667 ng
RT: 25.43 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

**Instrument :**
BNA_M
**ClientSampleId :**
PB115777BSD

Tgt Ion:278 Resp: 1187966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.7 | 11.6 | 17.4 |
| 279 | 23.5 | 19.2 | 28.8 |




#92
Benzo(g,h,i)perylene
Concen: 56.045 ng
RT: 26.07 min Scan# 3942
Delta R.T. -0.02 min
Lab File: BM018261.D
Acq: 17 Dec 2018 23:43

Tgt Ion:276 Resp: 1172712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.7 | 28.1 |
| 138 | 19.4 | 15.8 | 23.8 |