Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107596.D
Acq On : 23 Jul 2018 18:52
Operator : JU/SJ
Sample : J4062-37MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-10MS

Quant Time: Jul 24 03:19:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.98 | 152 | 260677 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.26 | 136 | 927379 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.02 | 164 | 345578 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.52 | 188 | 677056 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.17 | 240 | 513793 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.71 | 264 | 407933 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 1390297 | 85.75 | ng | | 0.00 |
| 7) Phenol-d6 | 6.61 | 99 | 1621778 | 83.31 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 960918 | 69.93 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.82 | 330 | 374073 | 95.19 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.34 | 172 | 1489010 | 70.31 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.10 | 244 | 1528304 | 76.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.88 | 88 | 195240 | 25.872 | ng | # | 84 |
| 3) Pyridine | 3.66 | 79 | 520010 | 25.330 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 230554 | 26.627 | ng | | 94 |
| 6) Aniline | 6.64 | 93 | 422413 | 16.823 | ng | # | 77 |
| 8) 2-Chlorophenol | 6.77 | 128 | 528103 | 30.403 | ng | | 93 |
| 9) Benzaldehyde | 6.53 | 77 | 226381 | 15.944 | ng | | 98 |
| 10) Phenol | 6.62 | 94 | 661436 | 28.889 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.71 | 93 | 525651 | 27.692 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.92 | 146 | 542888 | 27.566 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.00 | 146 | 581155 | 28.791 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.15 | 146 | 524390 | 28.949 | ng | | 100 |
| 15) Benzyl Alcohol | 7.12 | 79 | 404290 | 30.471 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 879543 | 27.466 | ng | | 83 |
| 17) 2-Methylphenol | 7.23 | 107 | 430357 | 29.150 | ng | | 95 |
| 18) Hexachloroethane | 7.48 | 117 | 135718 | 19.170 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70 | 359098 | 28.553 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.38 | 107 | 539078 | 30.750 | ng | # | 53 |
| 22) Acetophenone | 7.38 | 105 | 752353 | 34.544 | ng | # | 90 |
| 24) Nitrobenzene | 7.56 | 77 | 520745 | 33.086 | ng | | 98 |
| 25) Isophorone | 7.80 | 82 | 942038 | 32.107 | ng | | 99 |
| 26) 2-Nitrophenol | 7.88 | 139 | 183980 | 27.681 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.91 | 122 | 421590 | 33.510 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93 | 626008 | 31.926 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.12 | 162 | 393159 | 30.574 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.20 | 180 | 417424 | 28.902 | ng | | 99 |
| 31) Naphthalene | 8.28 | 128 | 1303462 | 31.963 | ng | | 98 |
| 32) Benzoic acid | 8.04 | 122 | 20302 | 9.831 | ng | # | 77 |
| 33) 4-Chloroaniline | 8.34 | 127 | 280428 | 15.733 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 243933 | 28.424 | ng | | 97 |
| 35) Caprolactam | 8.70 | 113 | 114697 | 27.423 | ng | # | 78 |
| 36) 4-Chloro-3-methylphenol | 8.82 | 107 | 409225 | 28.649 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.98 | 142 | 872627 | 30.879 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 380612 | 33.021 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 36923 | 6.302 | ng | | 94 |

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Operator : JU/SJ
Sample : J4062-37MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-10MS

Quant Time: Jul 24 03:19:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.25 | 196 | 236491 | 32.054 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.30 | 196 | 261175 | 33.871 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.44 | 154 | 1006525 | 33.435 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.47 | 162 | 722169 | 31.384 | ng | | 99 |
| 47) 2-Nitroaniline | 9.57 | 65 | 286048 | 42.641 | ng | | 84 |
| 48) Acenaphthylene | 9.88 | 152 | 1162026 | 33.617 | ng | | 99 |
| 49) Dimethylphthalate | 9.73 | 163 | 995844 | 38.236 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.80 | 165 | 156222 | 30.211 | ng | # | 89 |
| 51) Acenaphthene | 10.05 | 154 | 657476 | 30.358 | ng | | 99 |
| 52) 3-Nitroaniline | 9.98 | 138 | 234852 | 37.333 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 10.09 | 184 | 11926 | 14.759 | ng | # | 68 |
| 54) Dibenzofuran | 10.23 | 168 | 983904 | 30.858 | ng | | 100 |
| 55) 4-Nitrophenol | 10.15 | 139 | 276442 | 58.693 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 10.21 | 165 | 180665 | 28.944 | ng | # | 94 |
| 57) Fluorene | 10.57 | 166 | 763133 | 33.549 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.35 | 232 | 215457 | 33.573 | ng | # | 86 |
| 59) Diethylphthalate | 10.43 | 149 | 881874 | 32.421 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204 | 374947 | 29.157 | ng | | 93 |
| 61) 4-Nitroaniline | 10.60 | 138 | 232768 | 44.041 | ng | | 97 |
| 62) Azobenzene | 10.72 | 77 | 719590 | 28.212 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198 | 13150 | 11.976 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.68 | 169 | 700735 | 30.474 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.05 | 248 | 219142 | 27.496 | ng | # | 88 |
| 67) Hexachlorobenzene | 11.12 | 284 | 238144 | 27.156 | ng | # | 86 |
| 68) Atrazine | 11.20 | 200 | 210208 | 29.941 | ng | | 98 |
| 69) Pentachlorophenol | 11.32 | 266 | 250868 | 45.799 | ng | | 98 |
| 70) Phenanthrene | 11.54 | 178 | 1049522 | 31.810 | ng | | 99 |
| 71) Anthracene | 11.60 | 178 | 1097305 | 33.032 | ng | | 99 |
| 72) Carbazole | 11.75 | 167 | 1114568 | 32.265 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.07 | 149 | 1252630 | 32.413 | ng | | 99 |
| 74) Fluoranthene | 12.74 | 202 | 1231153 | 34.774 | ng | | 98 |
| 76) Benzidine | 12.86 | 184 | 708148 | 47.860 | ng | | 97 |
| 77) Pyrene | 12.97 | 202 | 1233562 | 35.100 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.57 | 149 | 544824 | 36.048 | ng | | 91 |
| 80) Benzo(a)anthracene | 14.16 | 228 | 926953 | 30.786 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.12 | 252 | 331344 | 34.835 | ng | # | 96 |
| 82) Chrysene | 14.19 | 228 | 897927 | 31.046 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 770280 | 36.120 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.75 | 149 | 1218018 | 36.745 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 17.29 | 276 | 695573 | 28.376 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 15.25 | 252 | 717267 | 32.127 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 649286 | 29.684 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.64 | 252 | 636363 | 31.161 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.31 | 278 | 597113 | 33.824 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.78 | 276 | 576541 | 33.110 | ng | | 94 |

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

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Acq On : 23 Jul 2018 18:52
Operator : JU/SJ
Sample : J4062-37MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Quant Time: Jul 24 03:19:58 2018
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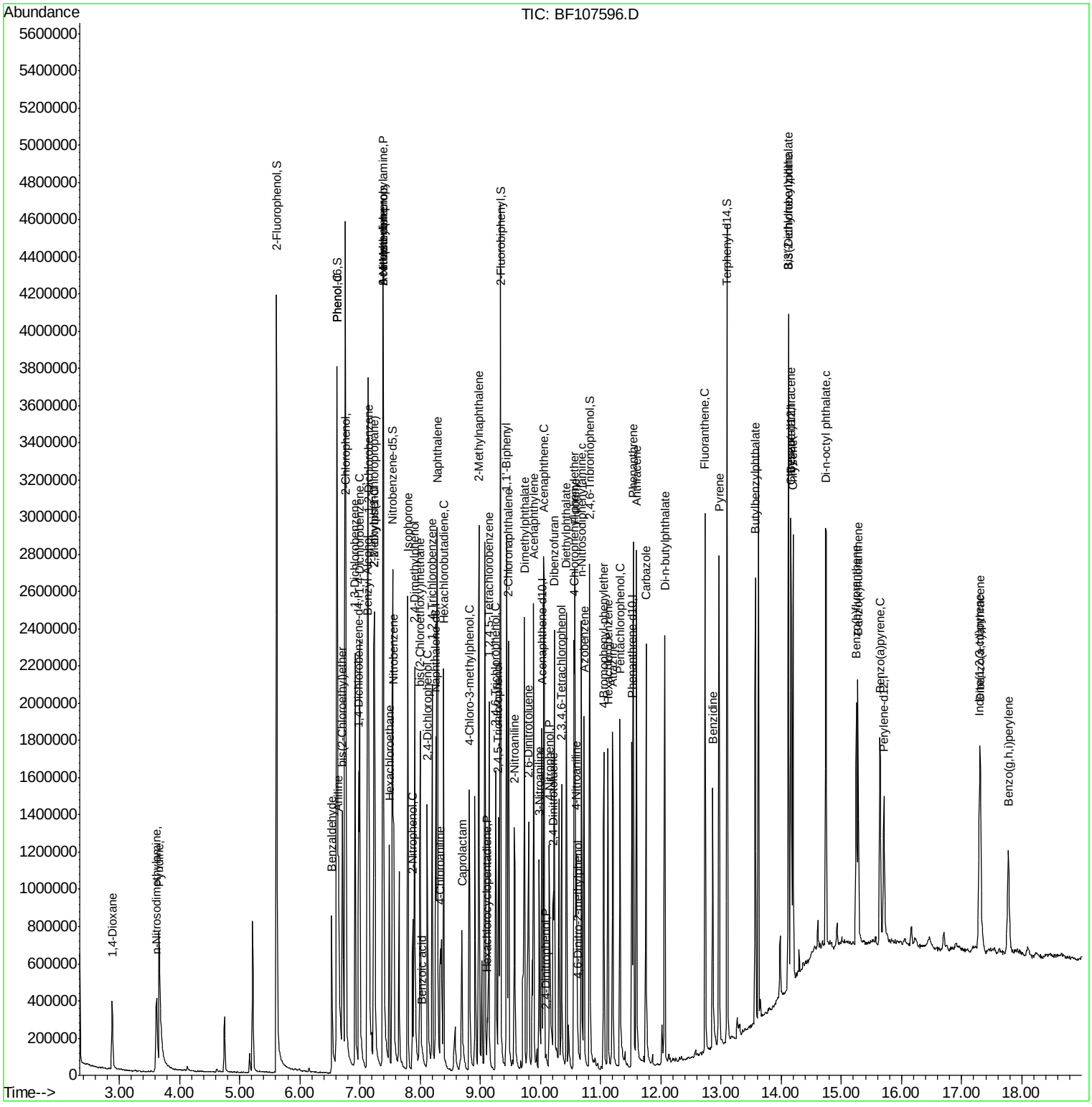
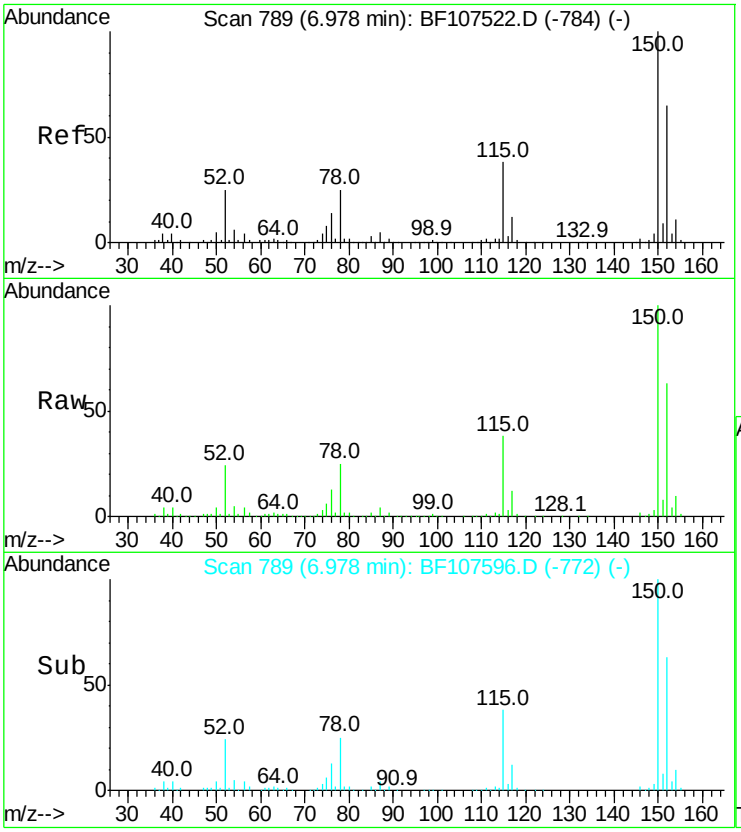
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



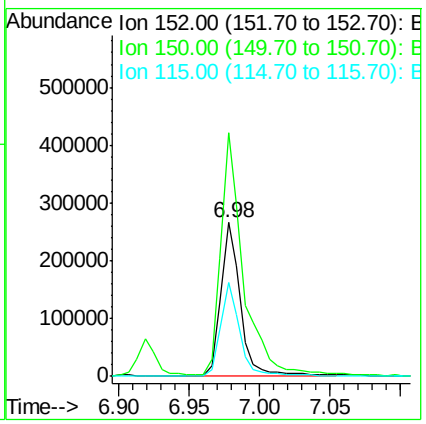


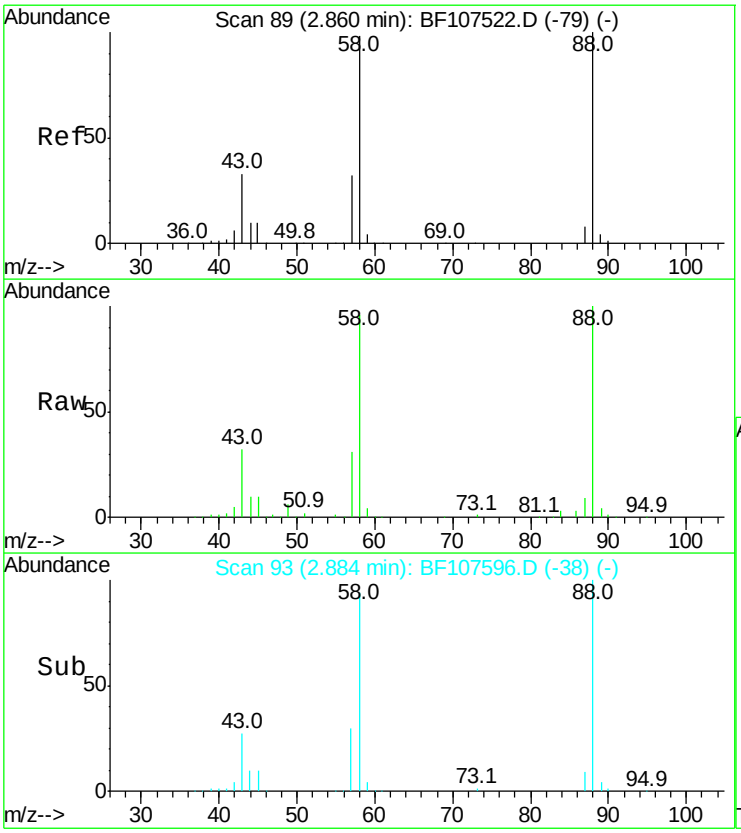

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:152 Resp: 260677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 124.6 | 186.8 |
| 115 | 60.7 | 50.1 | 75.1 |

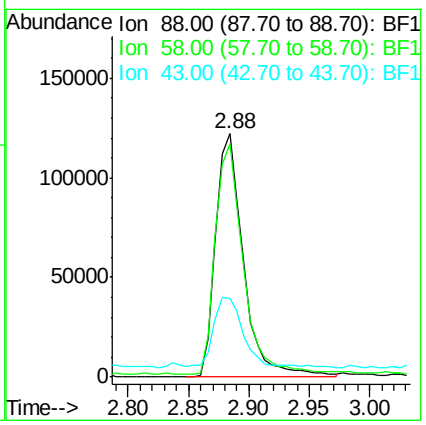


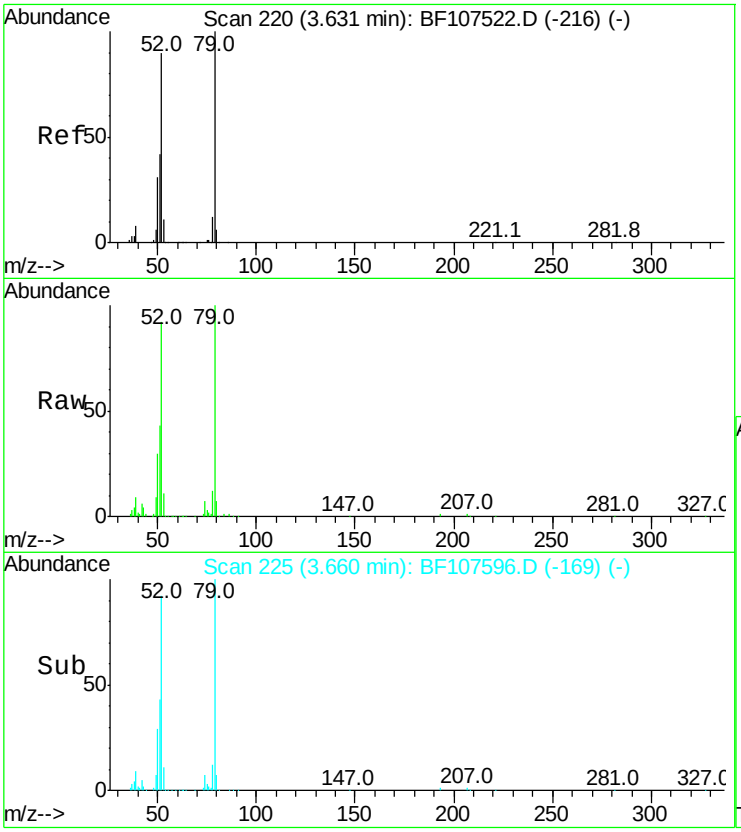




#2
1,4-Dioxane
Concen: 25.872 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.02 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 88 Resp: 195240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.2 | 62.6 | 93.8# |
| 43 | 32.6 | 24.6 | 37.0 |



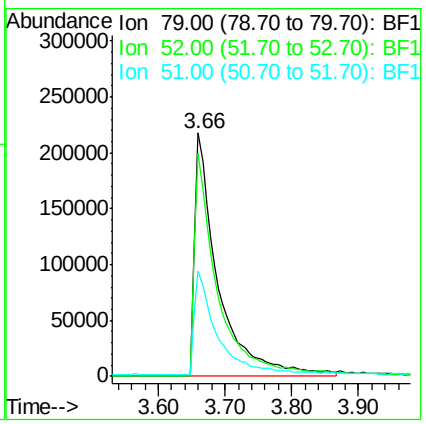


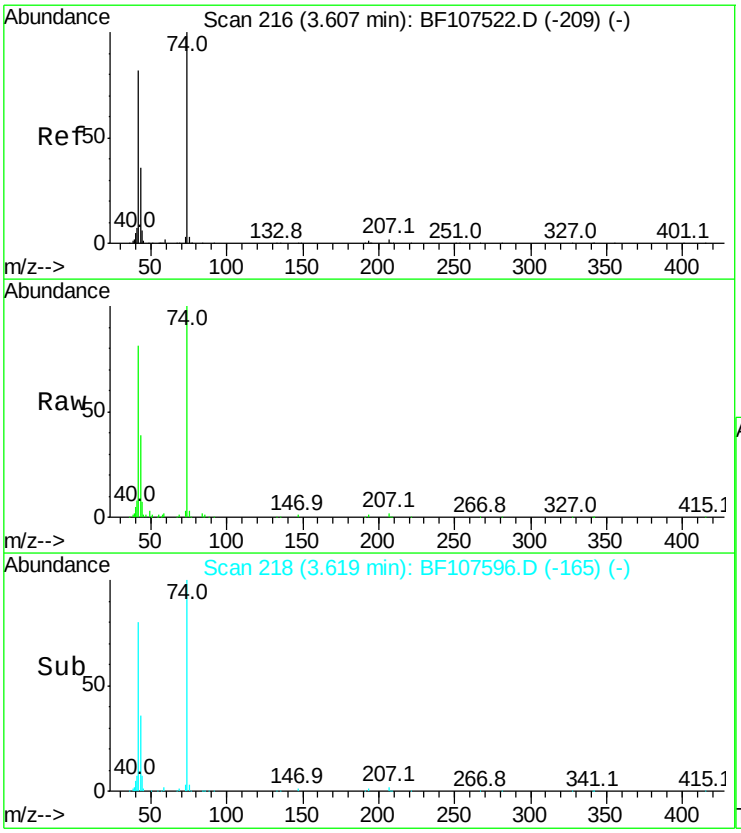

#3
Pyridine
Concen: 25.330 ng
RT: 3.66 min Scan# 225
Delta R.T. 0.03 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 79 Resp: 520010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 91.6 | 59.8 | 89.6# |
| 51 | 43.4 | 29.8 | 44.8 |

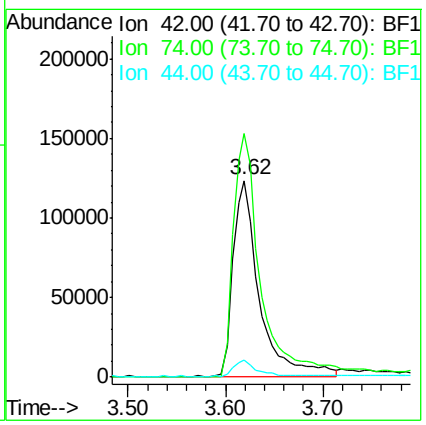


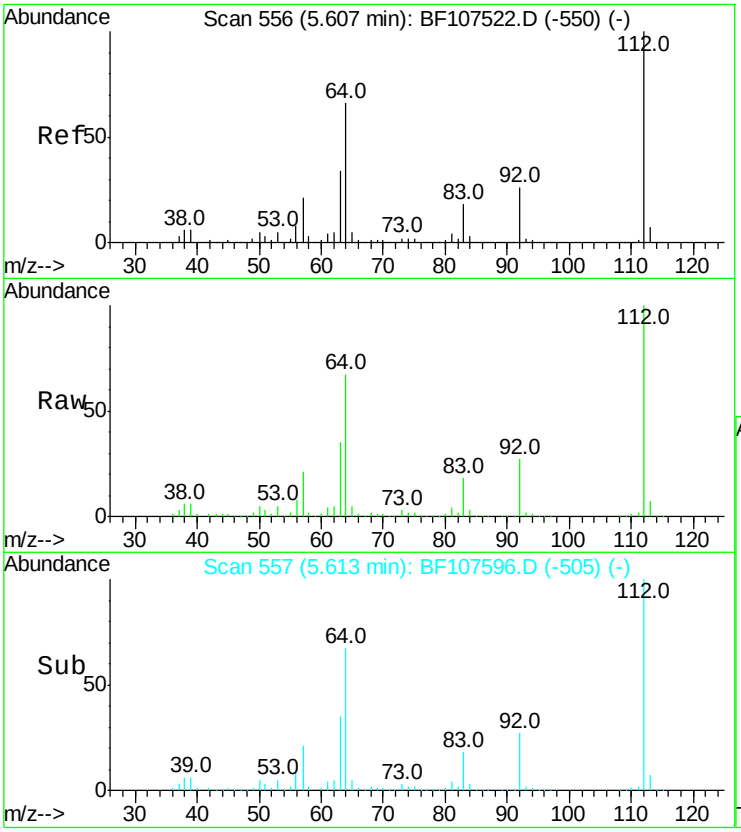




#4
n-Nitrosodimethylamine
Concen: 26.627 ng
RT: 3.62 min Scan# 218
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 42 Resp: 230554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 123.7 | 104.9 | 157.3 |
| 44 | 8.5 | 6.9 | 10.3 |



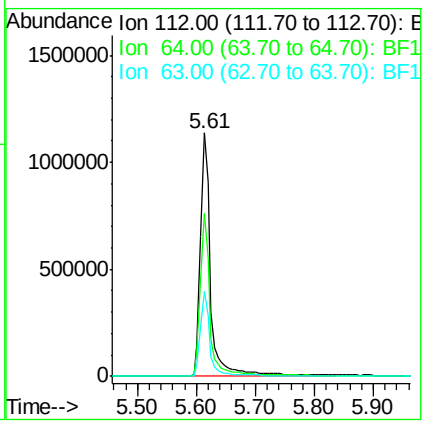


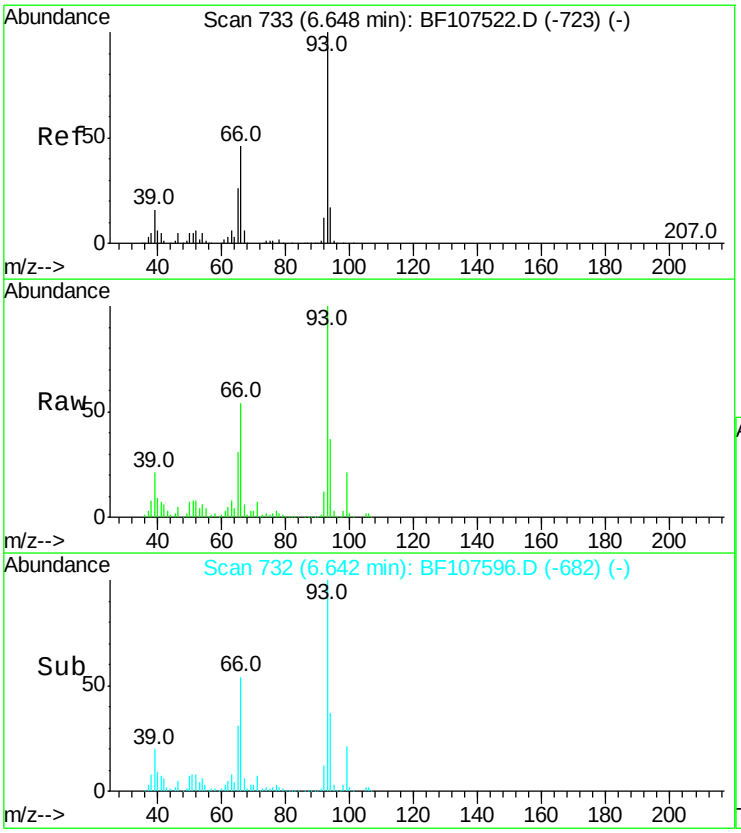

#5
2-Fluorophenol
Concen: 85.751 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:112 Resp: 1390297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.2 | 47.9 | 71.9 |
| 63 | 34.8 | 23.7 | 35.5 |

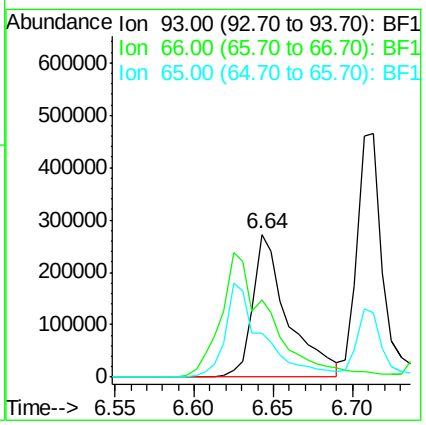


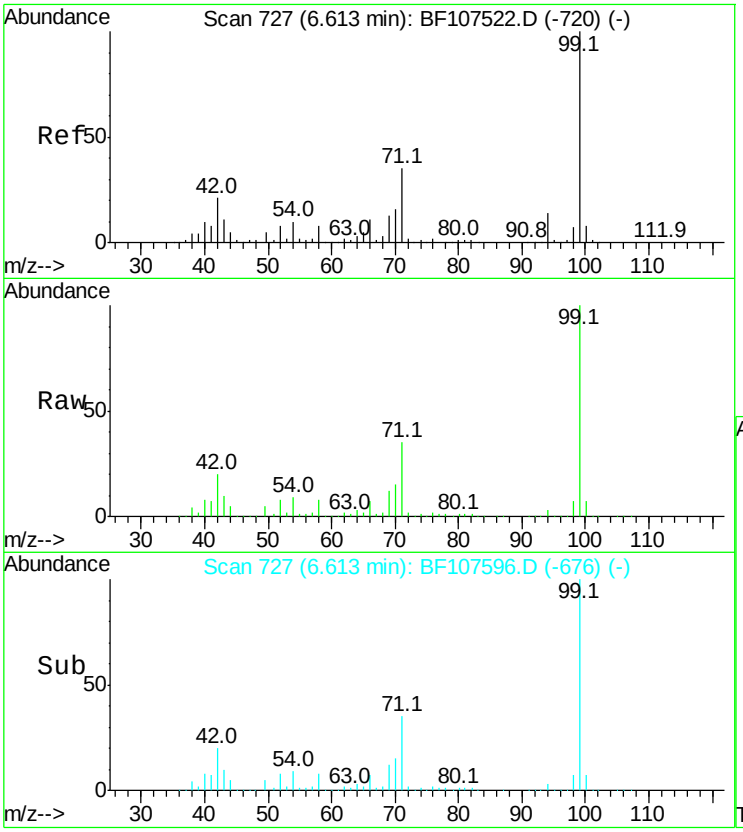




#6
Aniline
Concen: 16.823 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 93 Resp: 422413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 54.5 | 32.2 | 48.2# |
| 65 | 30.5 | 16.4 | 24.6# |



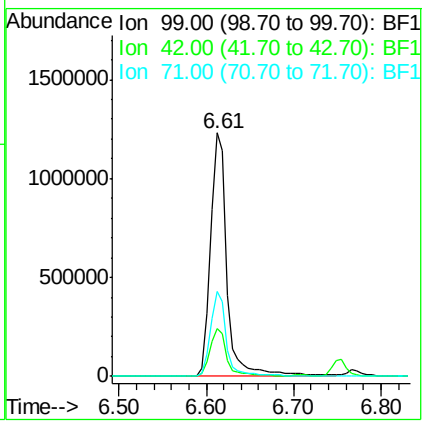


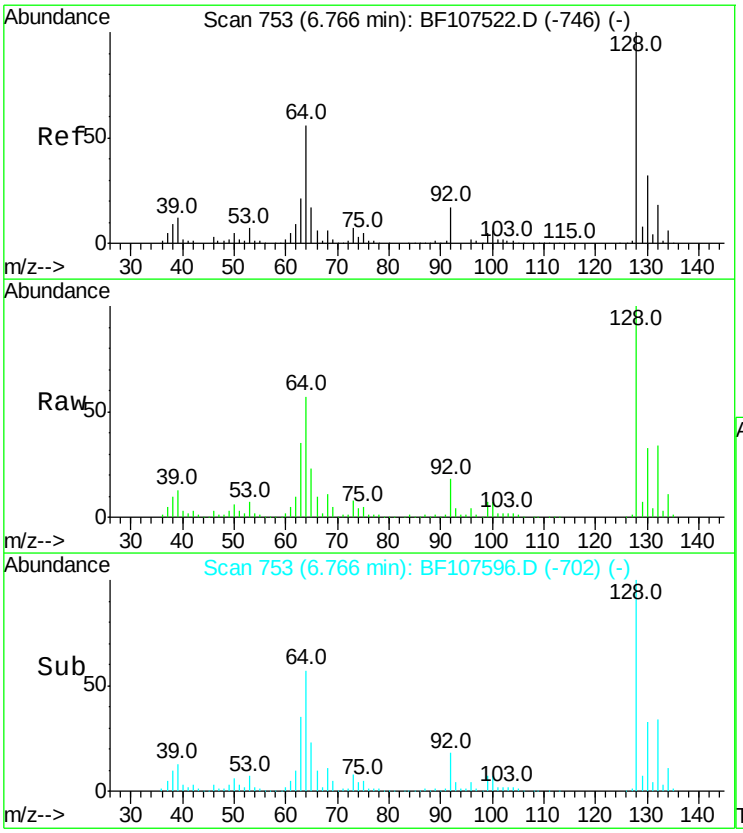

#7
Phenol-d6
Concen: 83.306 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 99 Resp: 1621778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 14.5 | 21.7 |
| 71 | 34.6 | 25.4 | 38.0 |

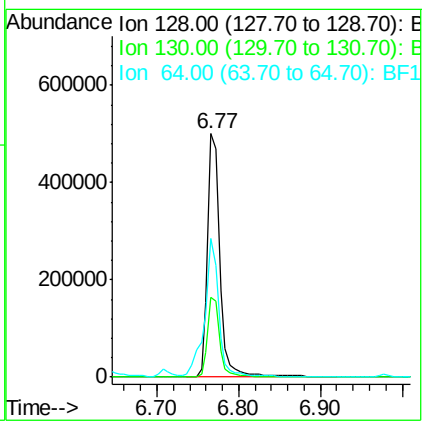


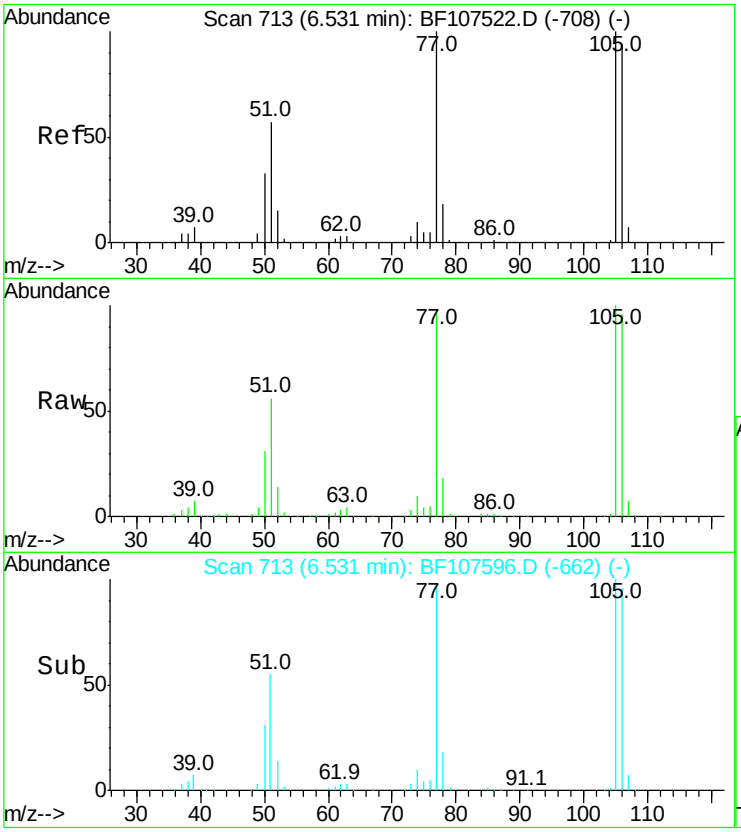




#8
2-Chlorophenol
Concen: 30.403 ng
RT: 6.77 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:128 Resp: 528103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 13.0 | 53.0 |
| 64 | 56.9 | 29.4 | 69.4 |



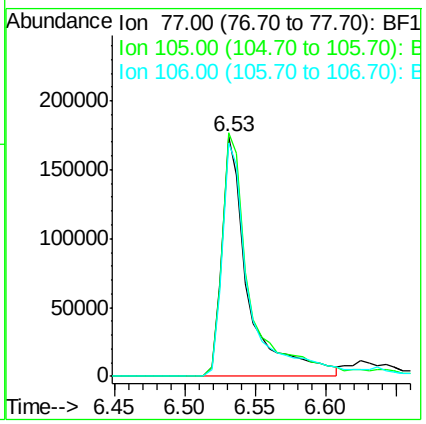


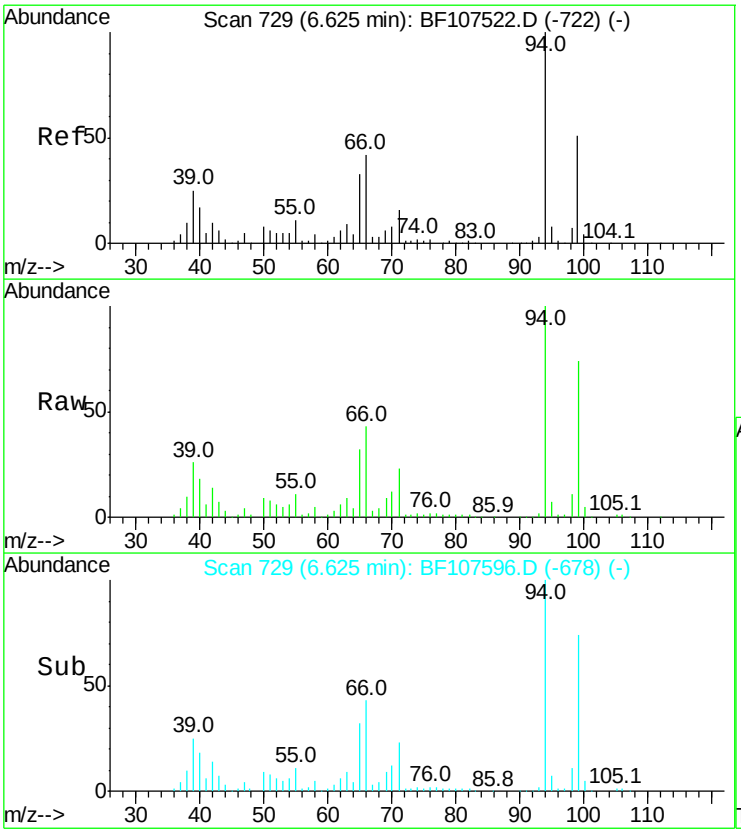

#9
Benzaldehyde
Concen: 15.944 ng
RT: 6.53 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 77 Resp: 226381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.7 | 81.1 | 121.1 |
| 106 | 97.2 | 74.5 | 114.5 |

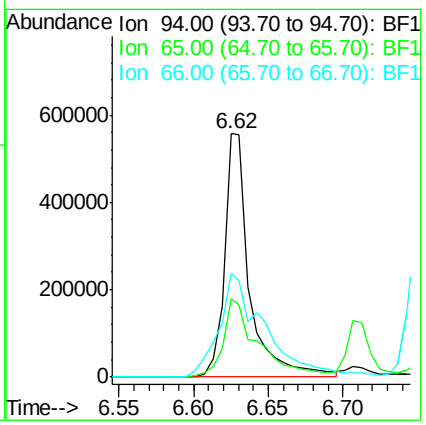


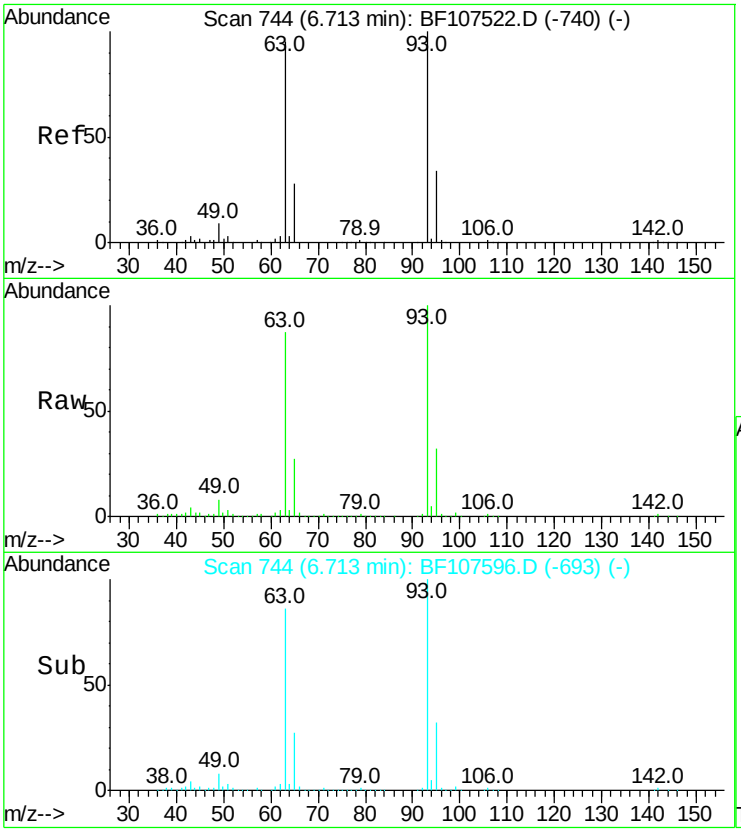




#10
Phenol
Concen: 28.889 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 94 Resp: 661436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.2 | 7.9 | 47.9 |
| 66 | 42.7 | 16.2 | 56.2 |



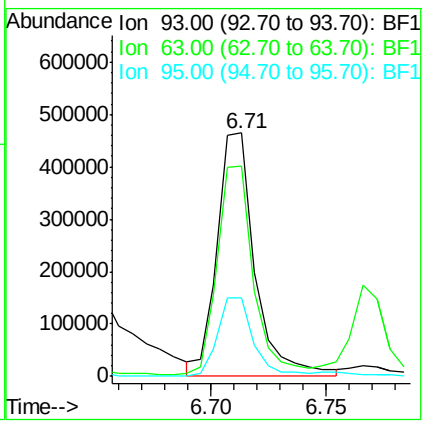


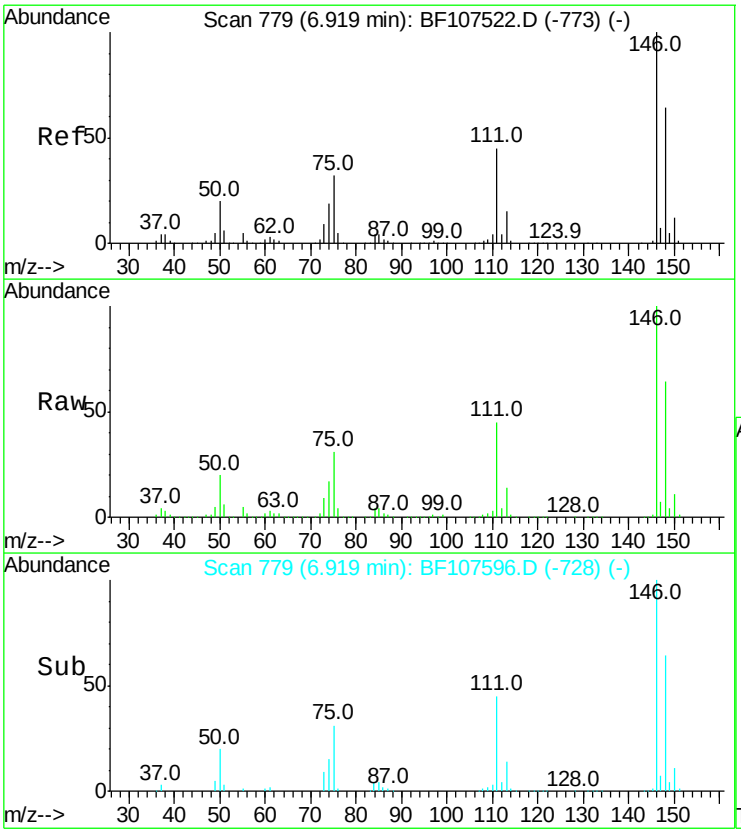

#11
bis(2-Chloroethyl)ether
Concen: 27.692 ng
RT: 6.71 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 93 Resp: 525651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.5 | 58.6 | 98.6 |
| 95 | 32.2 | 11.8 | 51.8 |

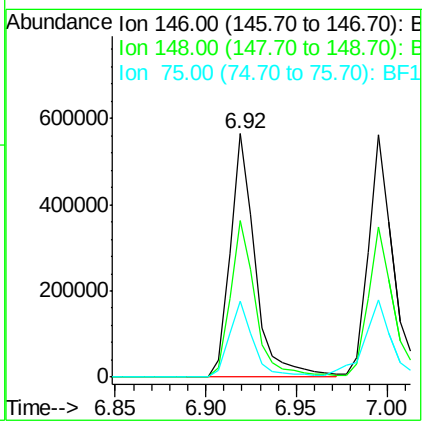


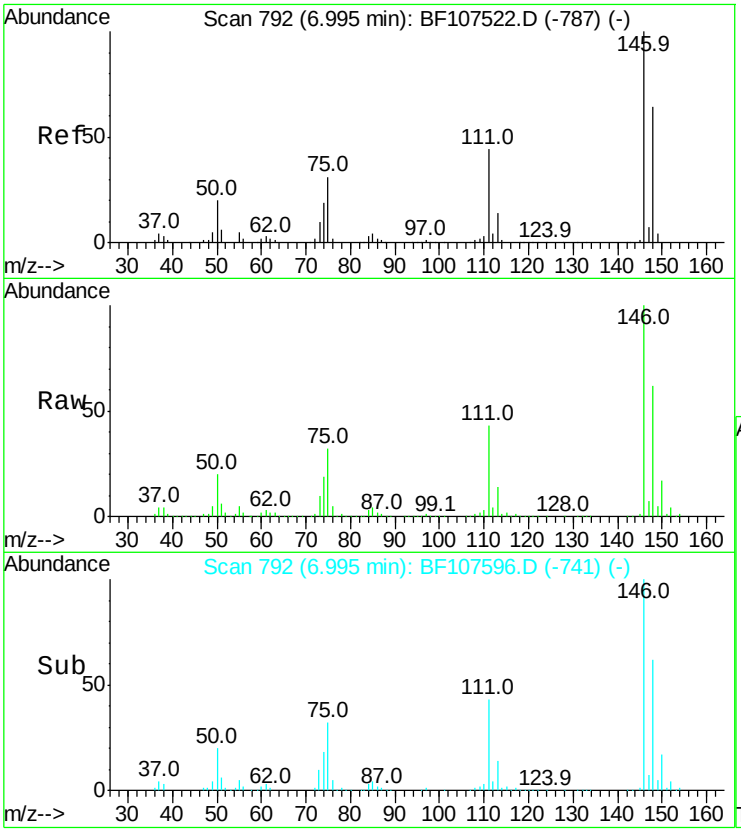




#12
1,3-Dichlorobenzene
Concen: 27.566 ng
RT: 6.92 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:146 Resp: 542888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.8 | 77.8 |
| 75 | 31.0 | 24.2 | 36.4 |



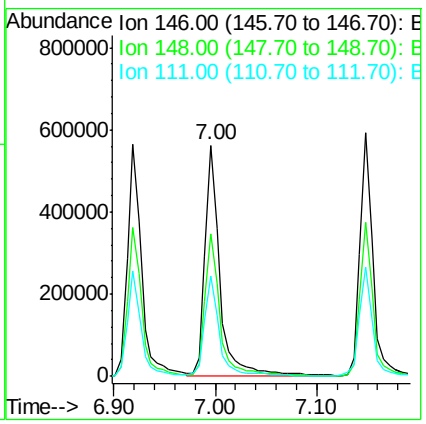


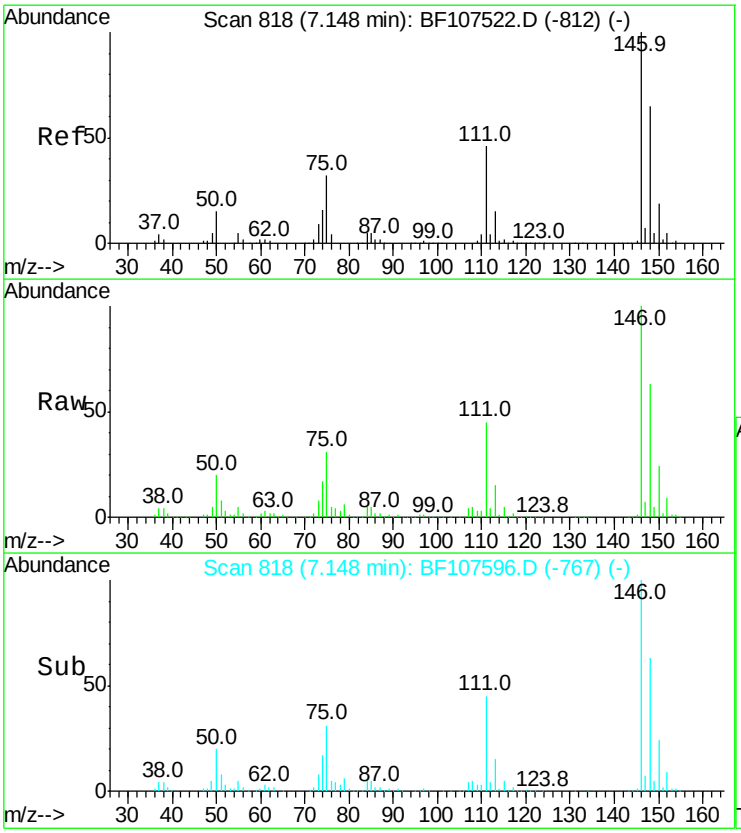

#13
1,4-Dichlorobenzene
Concen: 28.791 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:146 Resp: 581155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.7 | 50.8 | 76.2 |
| 111 | 43.3 | 34.2 | 51.2 |

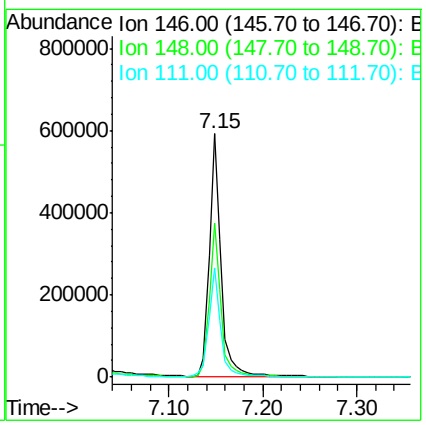


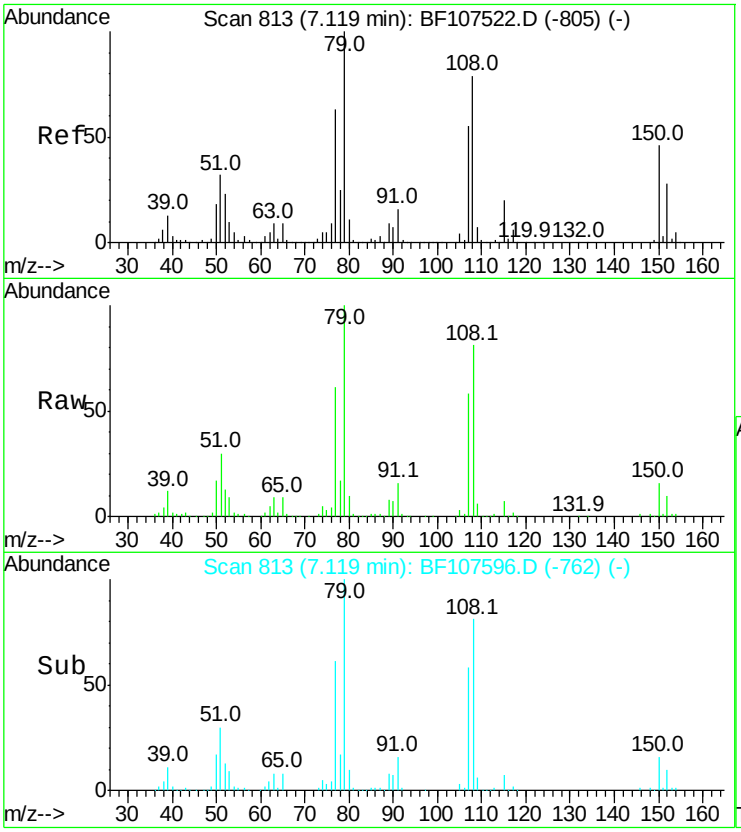




#14
1,2-Dichlorobenzene
Concen: 28.949 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:146 Resp: 524390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 75.8 |
| 111 | 45.0 | 36.0 | 54.0 |



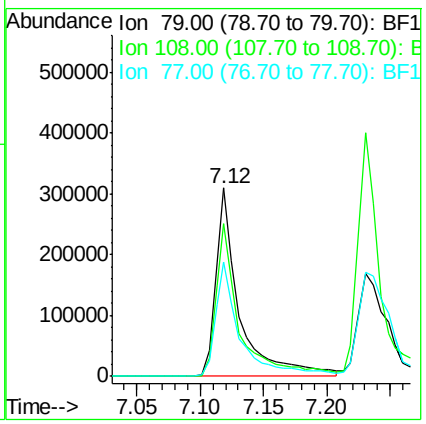


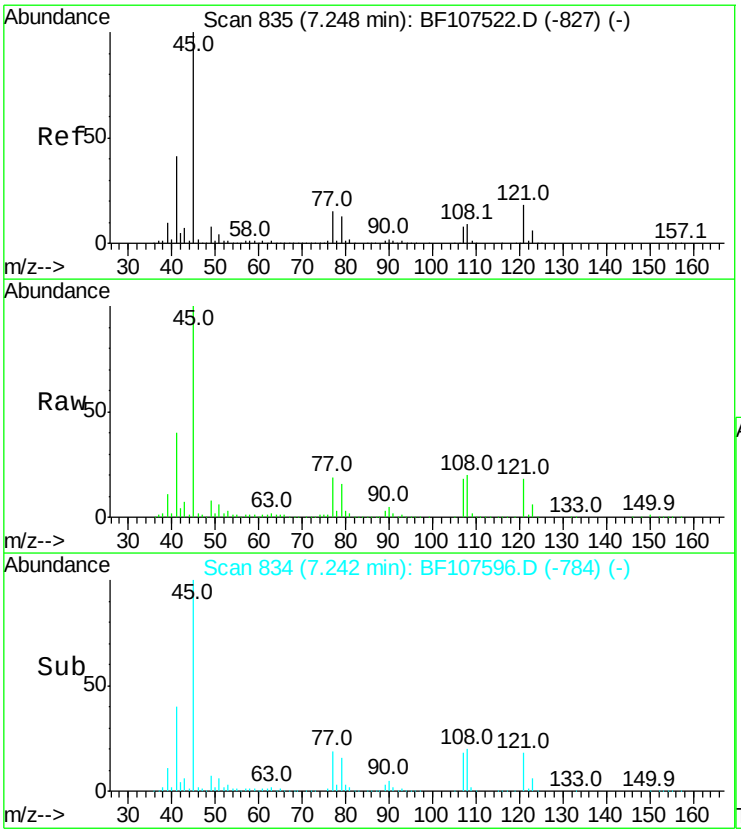

#15
Benzyl Alcohol
Concen: 30.471 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 79 Resp: 404290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.0 | 65.1 | 97.7 |
| 77 | 60.8 | 50.6 | 75.8 |

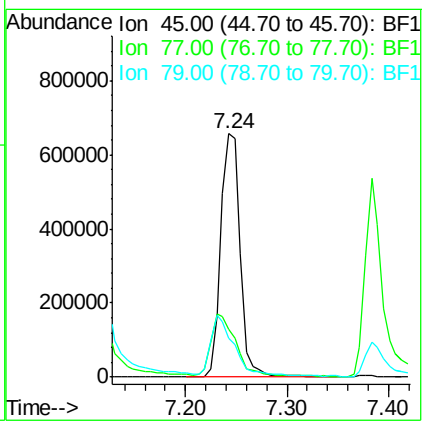


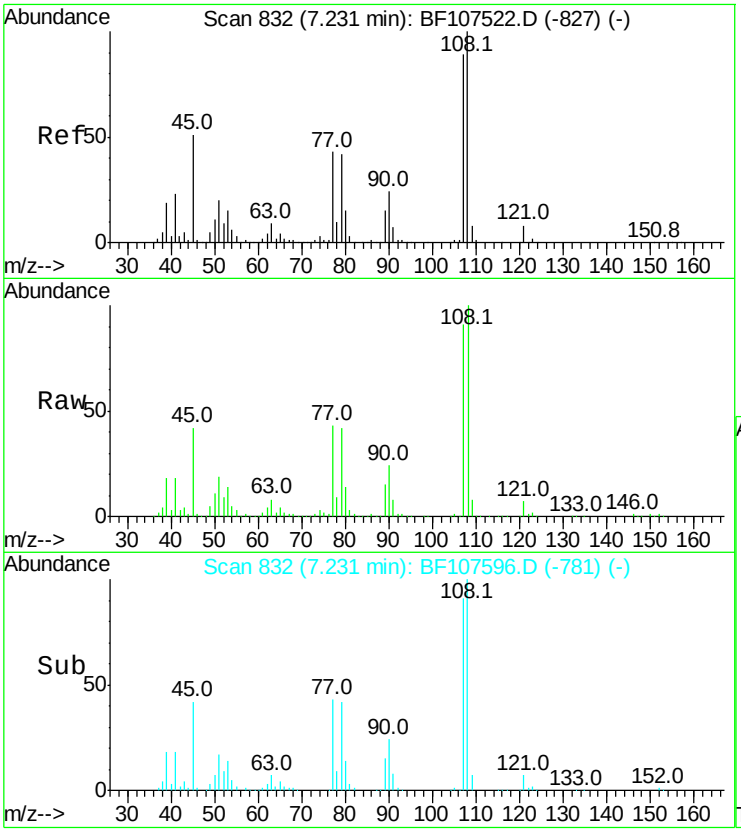




#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.466 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 45 Resp: 879543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.4 | 0.0 | 32.9 |
| 79 | 16.0 | 0.0 | 29.6 |



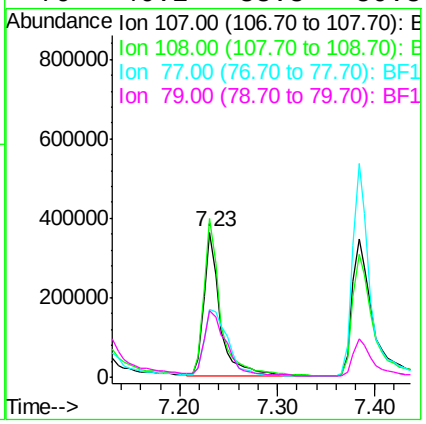


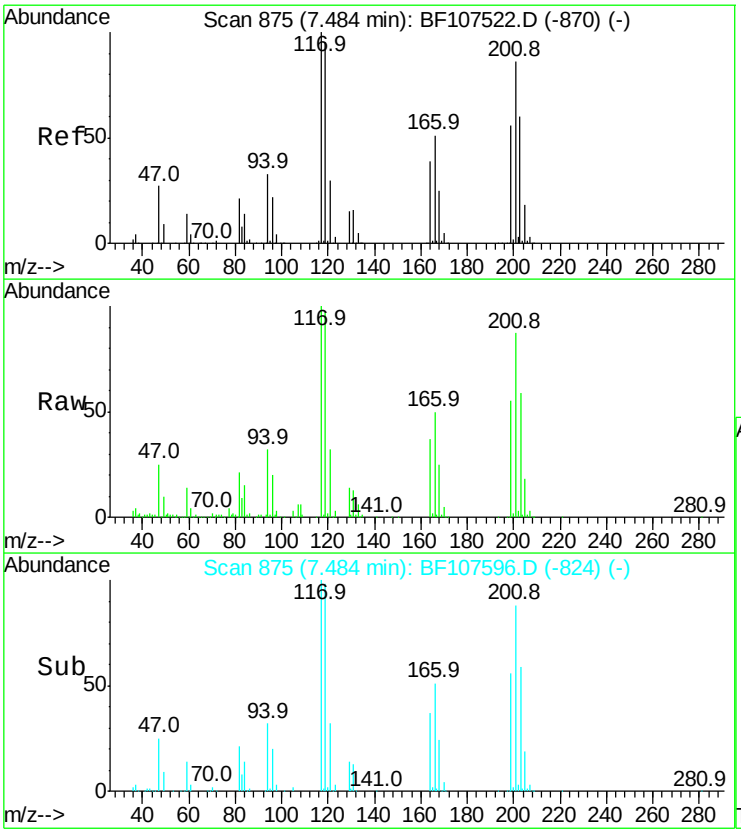

#17
2-Methylphenol
Concen: 29.150 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:107 Resp: 430357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.6 | 91.7 | 137.5 |
| 77 | 46.7 | 33.8 | 50.8 |
| 79 | 46.2 | 33.8 | 50.8 |

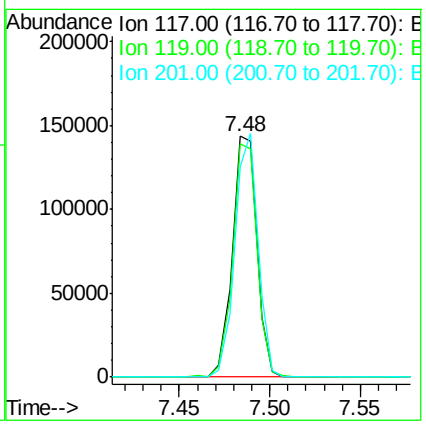


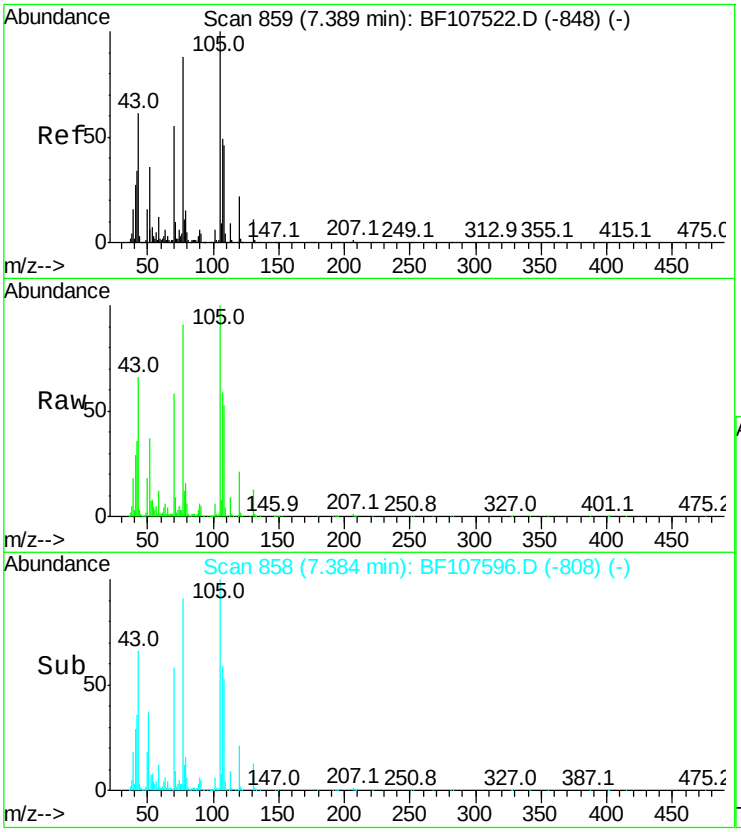




#18
Hexachloroethane
Concen: 19.170 ng
RT: 7.48 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:117 Resp: 135718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 75.8 | 113.8 |
| 201 | 87.2 | 75.7 | 113.5 |



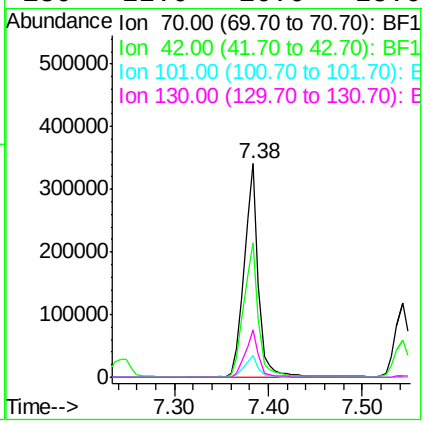


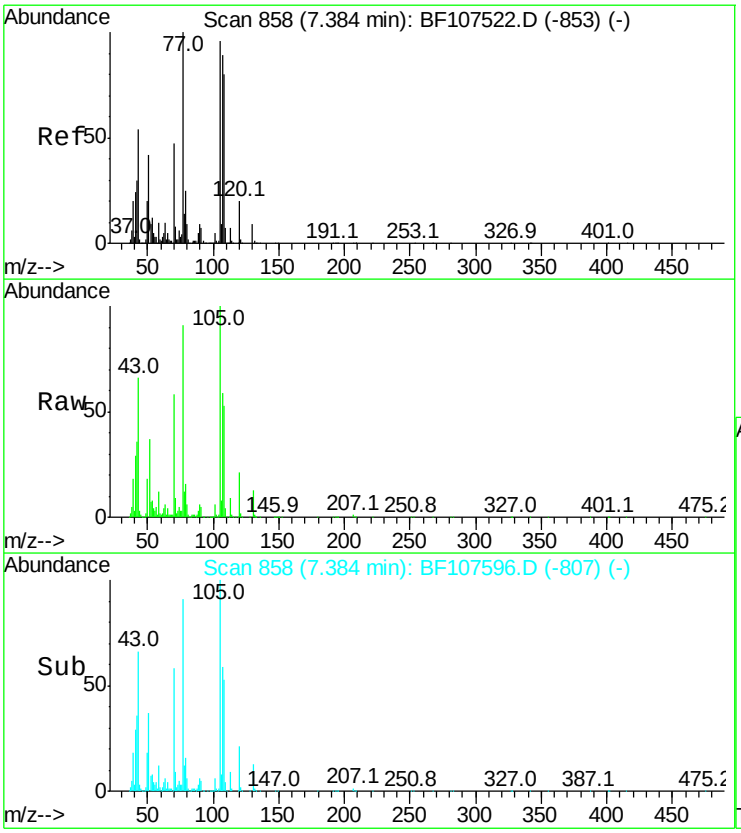

#19
n-Nitroso-di-n-propylamine
Concen: 28.553 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 70 Resp: 359098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.8 | 47.5 | 71.3 |
| 101 | 10.4 | 7.4 | 11.2 |
| 130 | 22.0 | 16.6 | 25.0 |

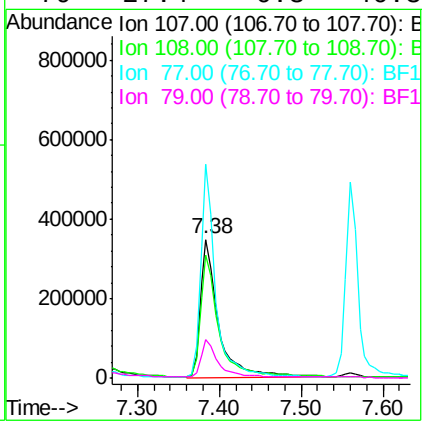


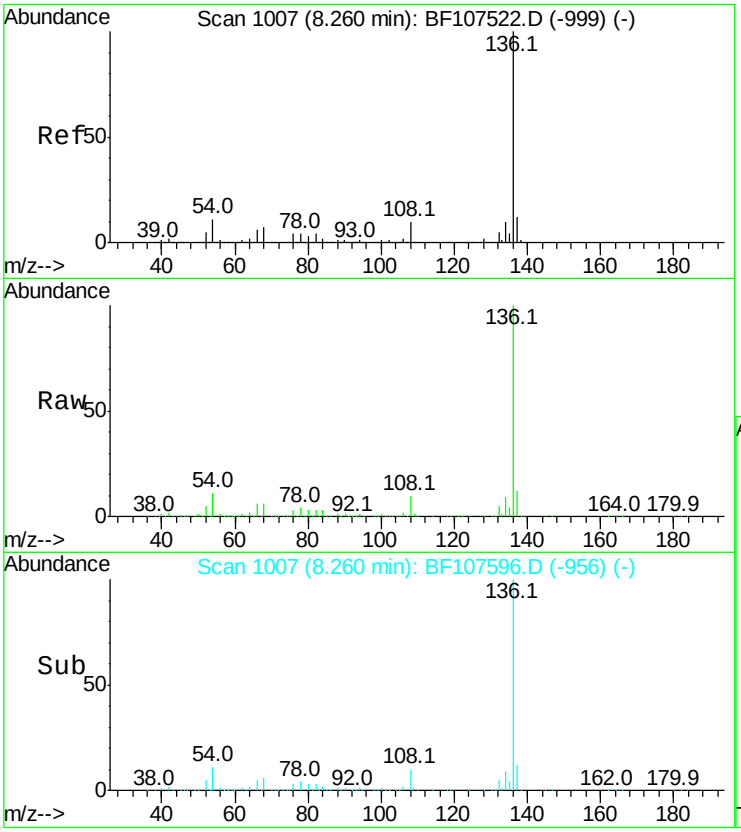




#20
3+4-Methylphenols
Concen: 30.750 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:107 Resp: 539078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 68.2 | 108.2 |
| 77 | 153.9 | 26.7 | 66.7# |
| 79 | 27.4 | 6.3 | 46.3 |



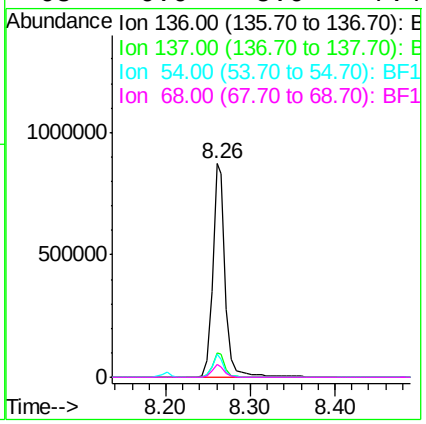


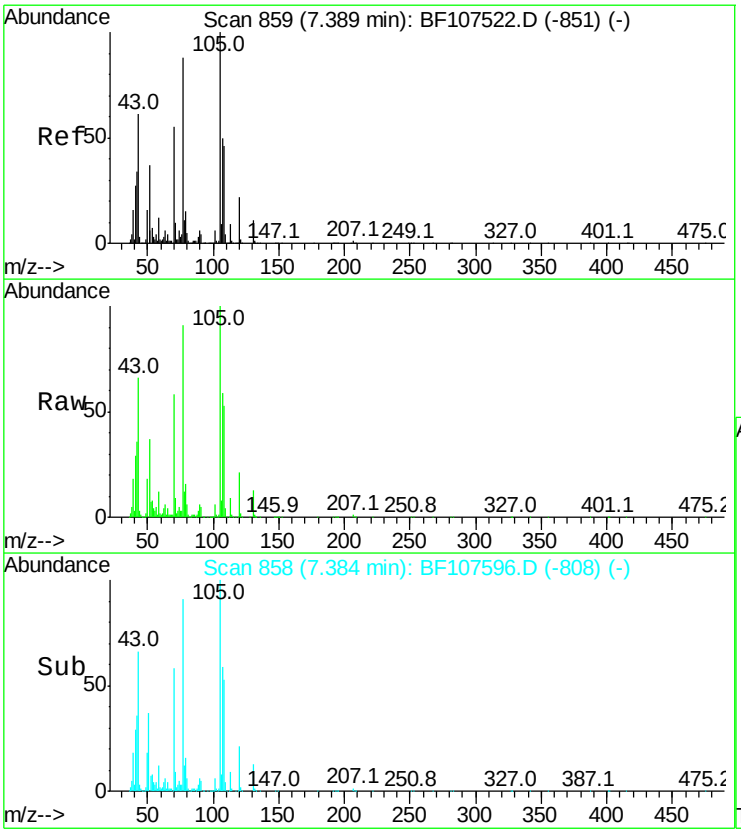

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:136 Resp: 927379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.9 | 13.3 |
| 54 | 11.0 | 6.6 | 9.8# |
| 68 | 6.0 | 5.0 | 7.4 |

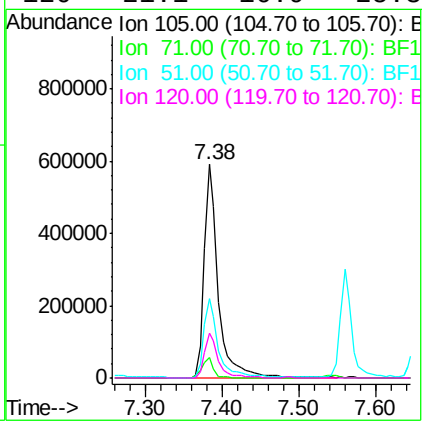


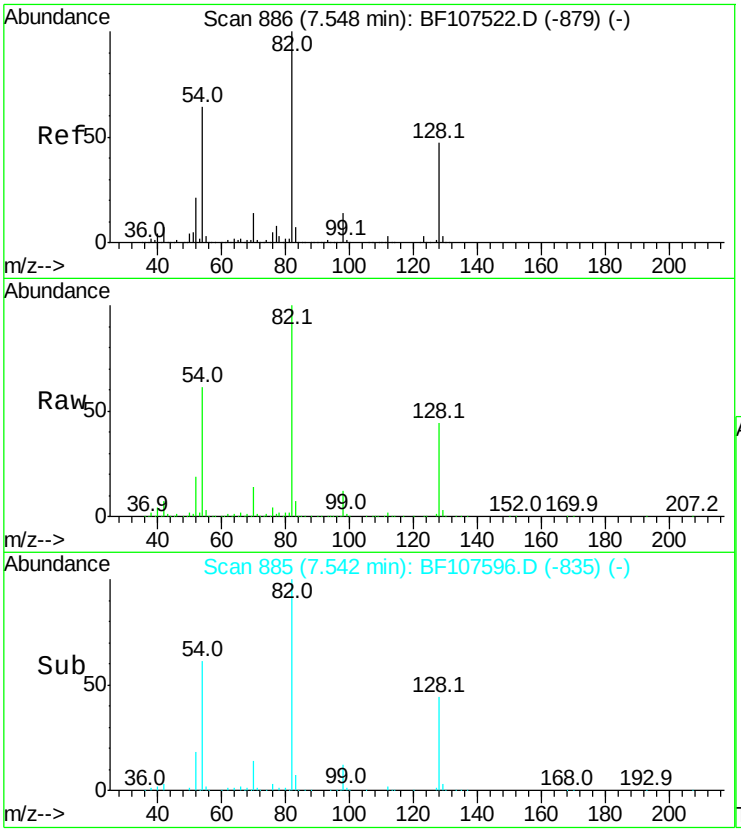




#22
Acetophenone
Concen: 34.544 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:105 Resp: 752353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.5 | 4.4 | 6.6# |
| 51 | 37.4 | 22.3 | 33.5# |
| 120 | 21.1 | 16.9 | 25.3 |



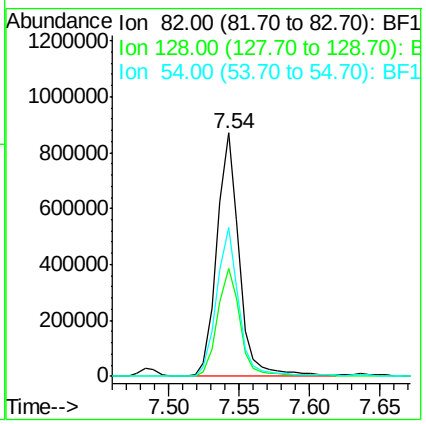


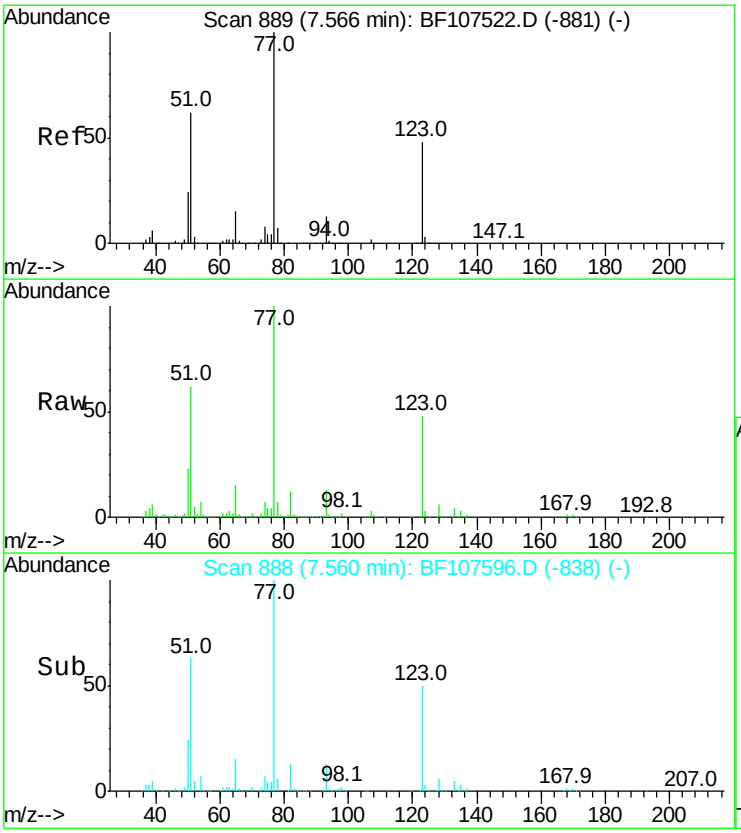

#23
Nitrobenzene-d5
Concen: 69.928 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 82 Resp: 960918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.1 | 36.1 | 54.1 |
| 54 | 60.9 | 41.4 | 62.2 |

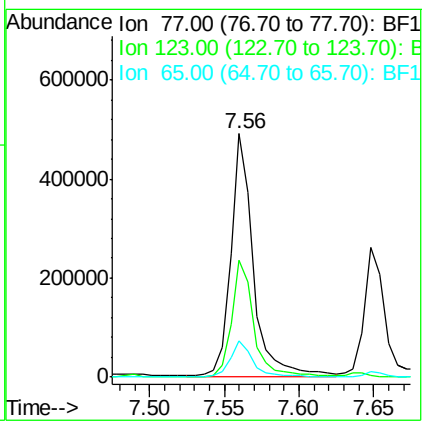


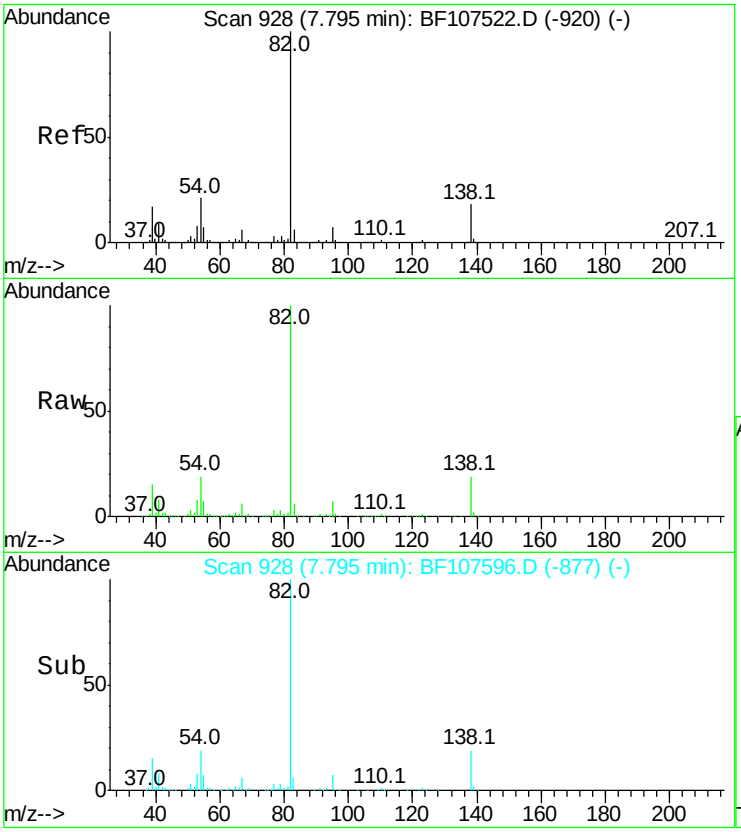




#24
Nitrobenzene
Concen: 33.086 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 77 Resp: 520745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.2 | 37.9 | 56.9 |
| 65 | 15.1 | 11.0 | 16.4 |



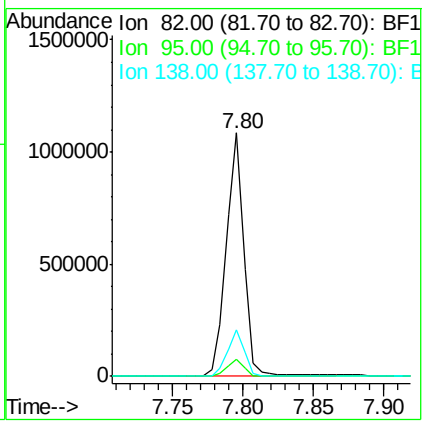


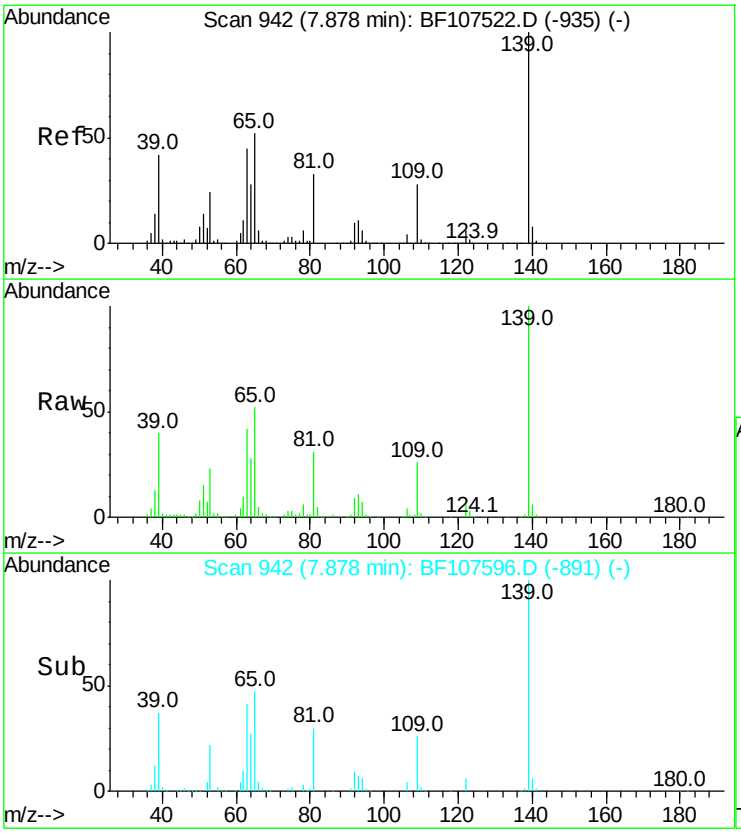

#25
Isophorone
Concen: 32.107 ng
RT: 7.80 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 82 Resp: 942038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.2 | 7.8 |
| 138 | 18.8 | 14.9 | 22.3 |

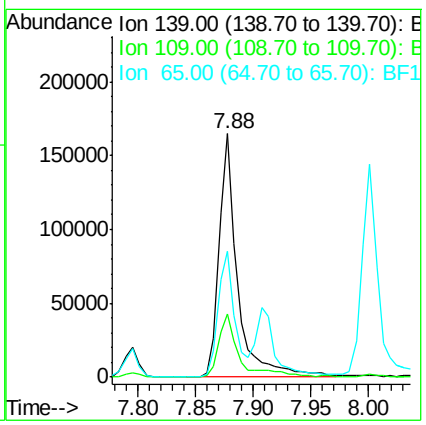


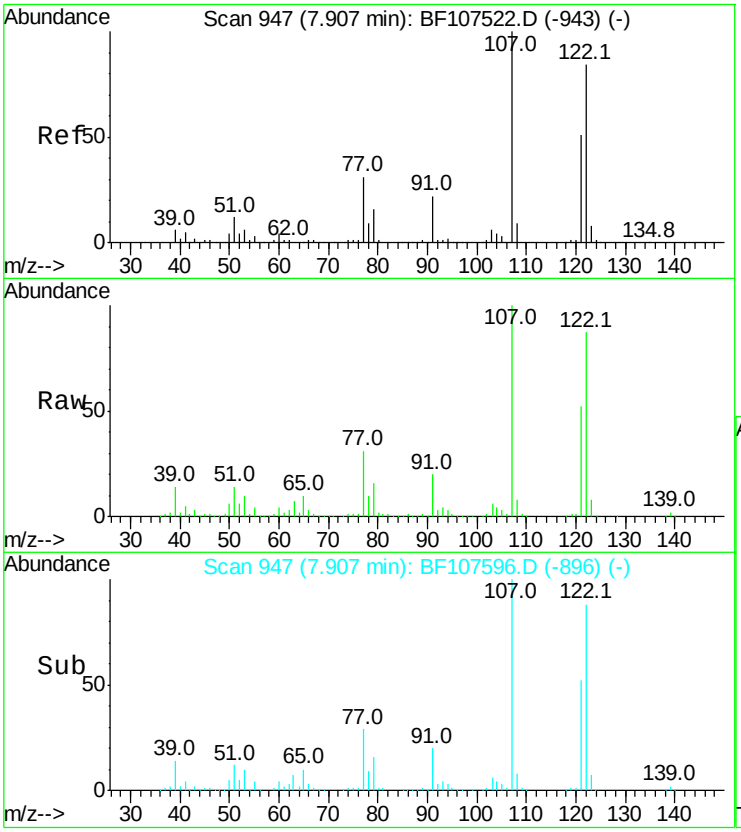




#26
2-Nitrophenol
Concen: 27.681 ng
RT: 7.88 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:139 Resp: 183980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 22.7 | 34.1 |
| 65 | 51.9 | 40.5 | 60.7 |



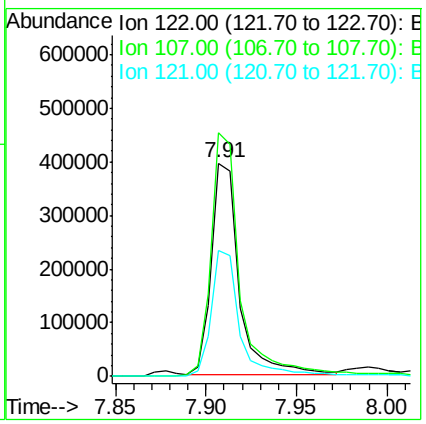


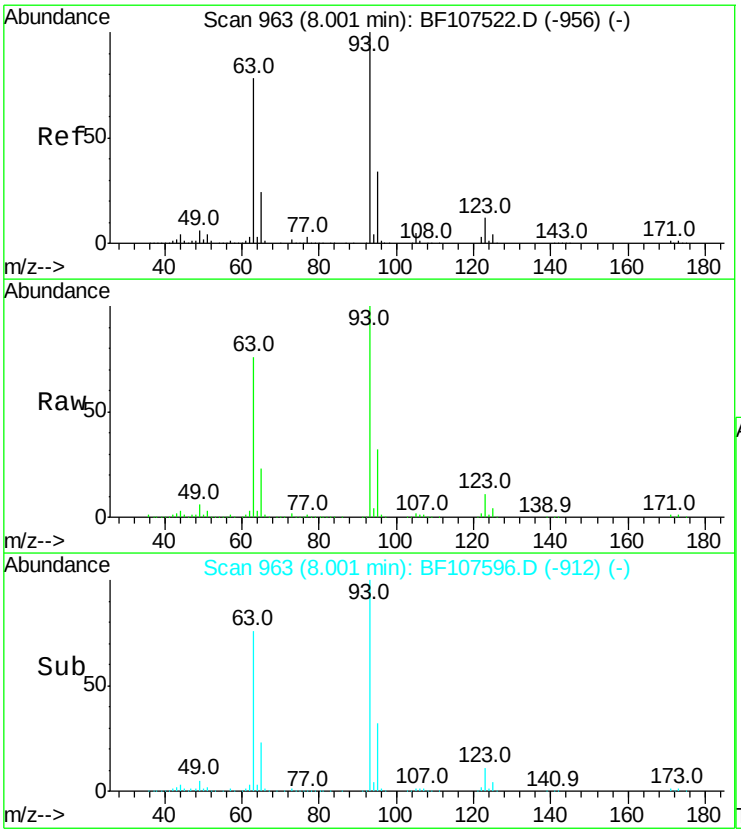

#27
2,4-Dimethylphenol
Concen: 33.510 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:122 Resp: 421590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.3 | 91.2 | 136.8 |
| 121 | 59.2 | 47.2 | 70.8 |

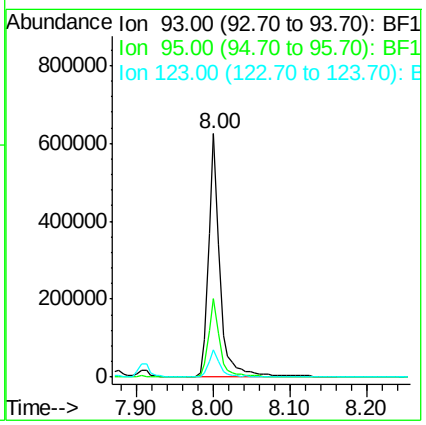


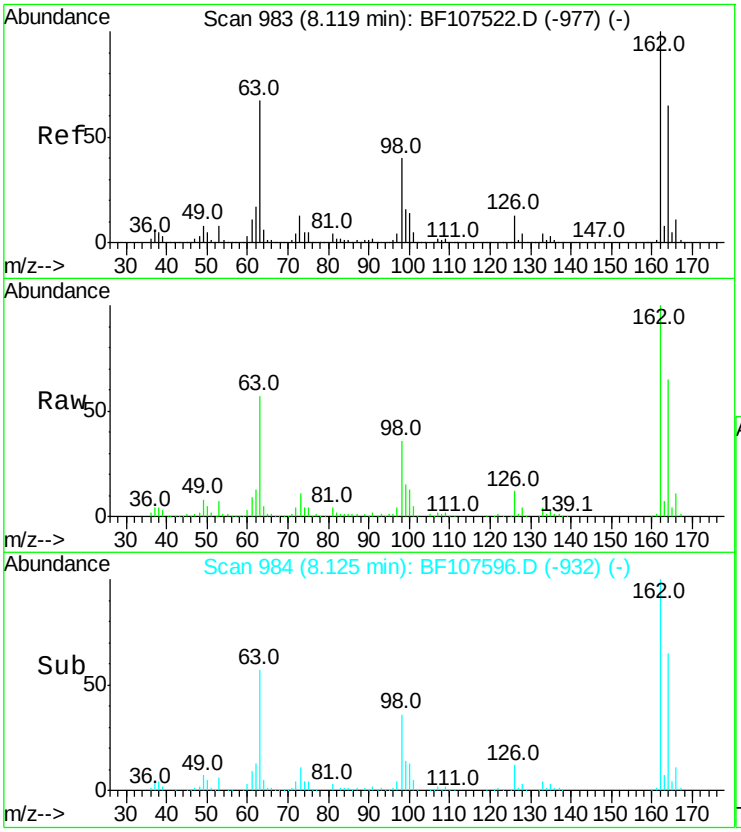




#28
bis(2-Chloroethoxy)methane
Concen: 31.926 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 93 Resp: 626008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.3 | 39.5 |
| 123 | 11.1 | 9.8 | 14.6 |



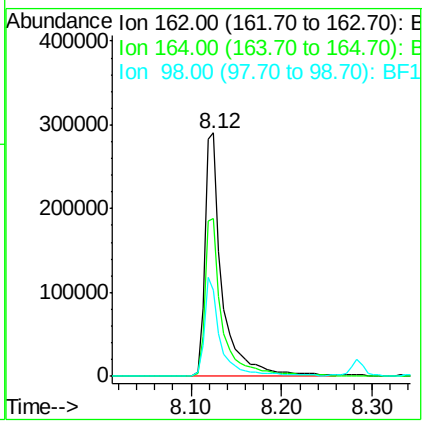


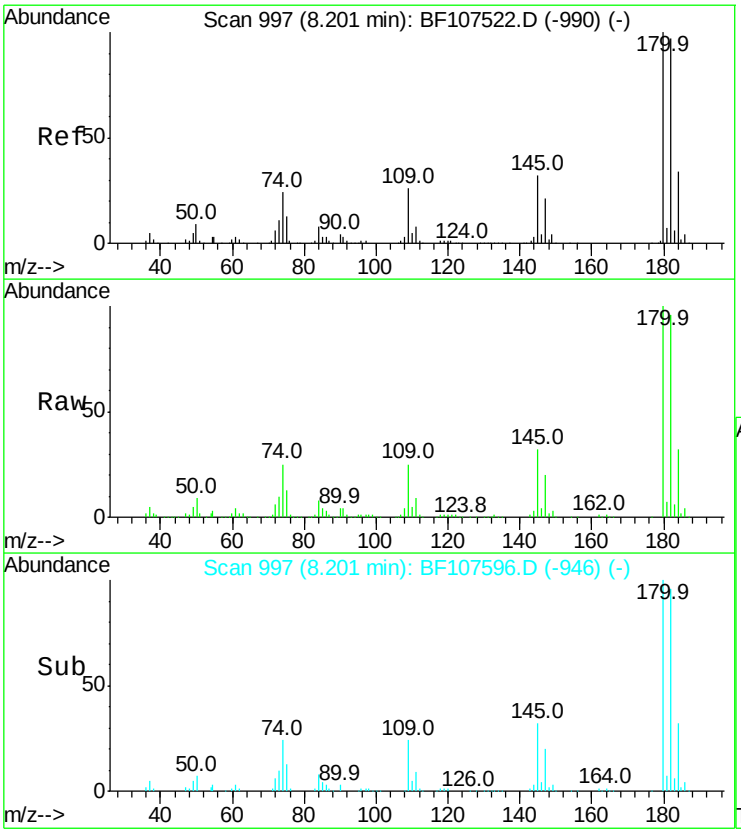

#29
2,4-Dichlorophenol
Concen: 30.574 ng
RT: 8.12 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:162 Resp: 393159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.8 | 42.7 | 82.7 |
| 98 | 35.5 | 18.1 | 58.1 |

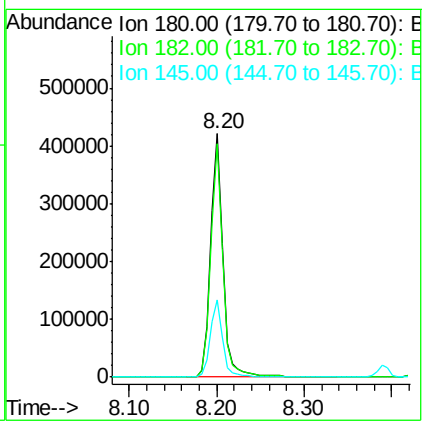


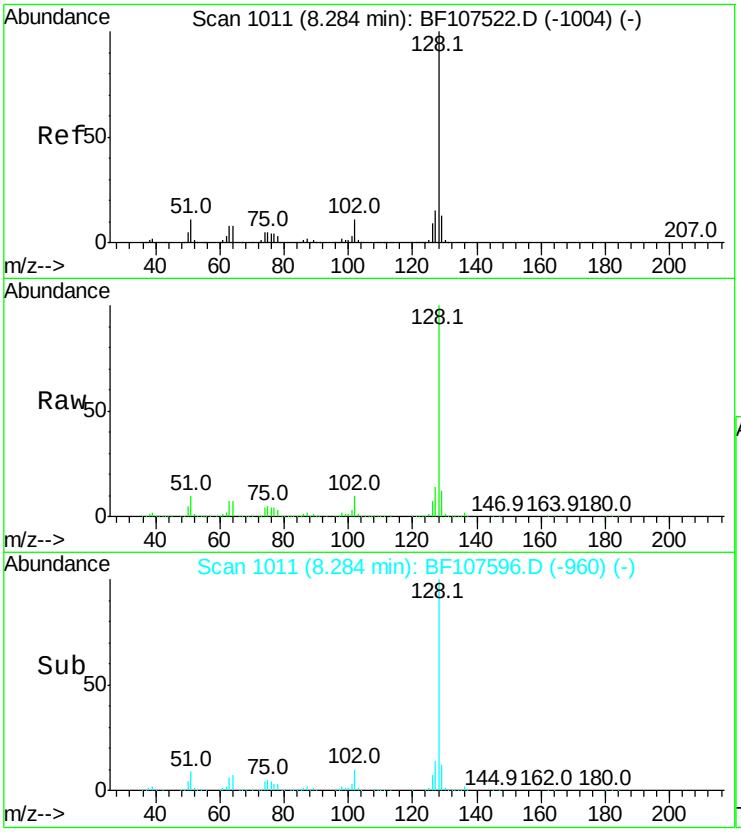




#30
1,2,4-Trichlorobenzene
Concen: 28.902 ng
RT: 8.20 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:180 Resp: 417424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 76.8 | 115.2 |
| 145 | 31.8 | 26.5 | 39.7 |



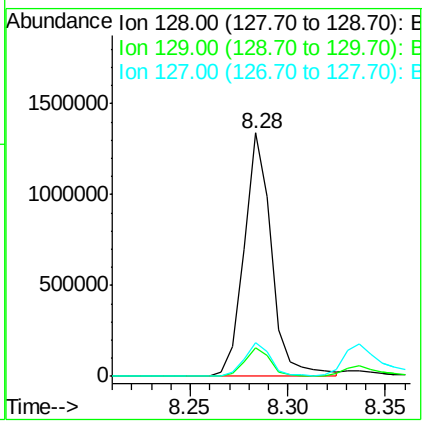


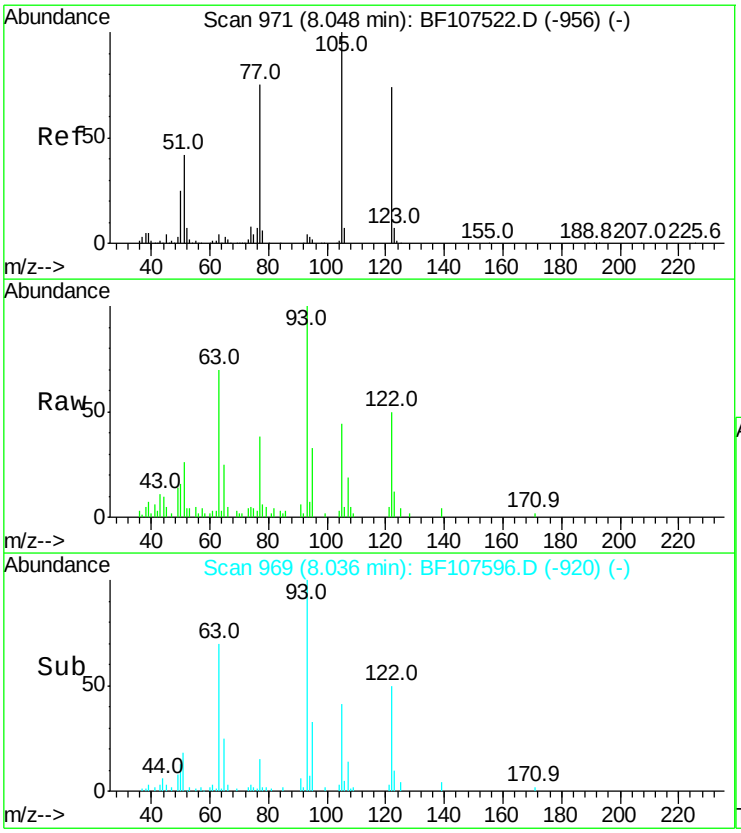

#31
Naphthalene
Concen: 31.963 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:128 Resp: 1303462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.8 | 13.2 |
| 127 | 14.0 | 10.9 | 16.3 |

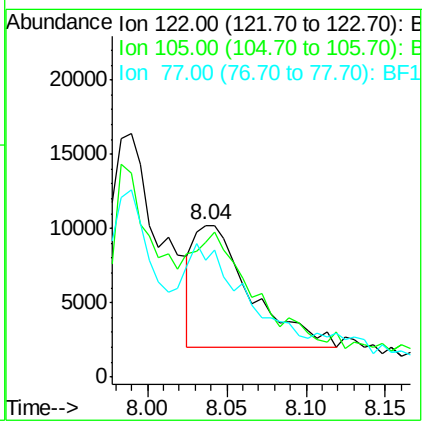


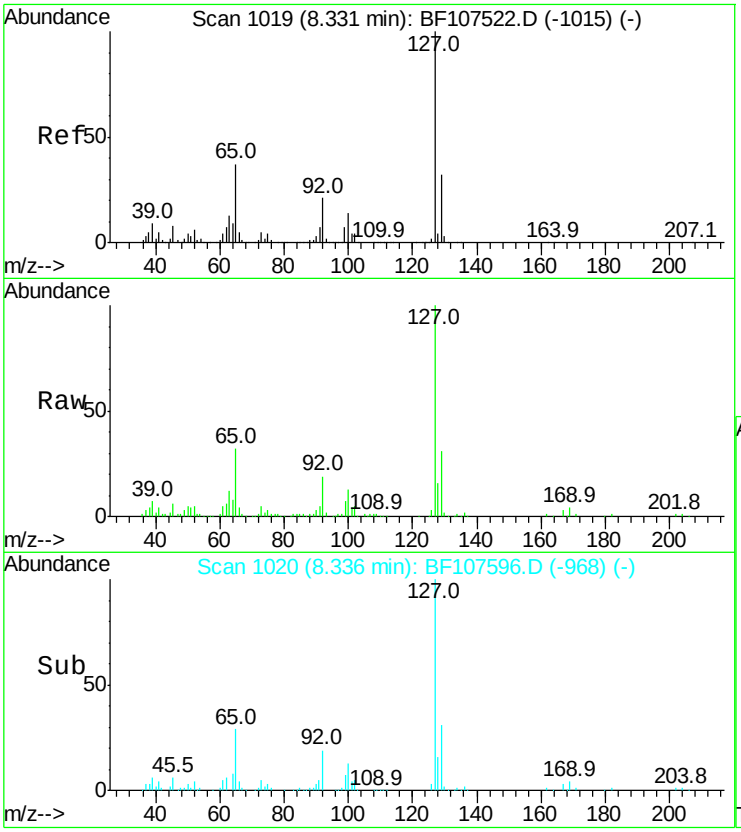




#32
Benzoic acid
Concen: 9.831 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:122 Resp: 20302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 88.5 | 101.1 | 141.1# |
| 77 | 76.6 | 70.7 | 110.7 |



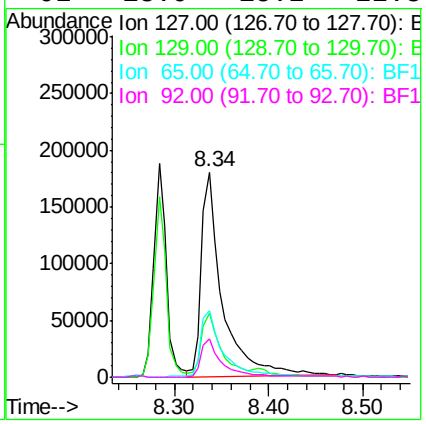


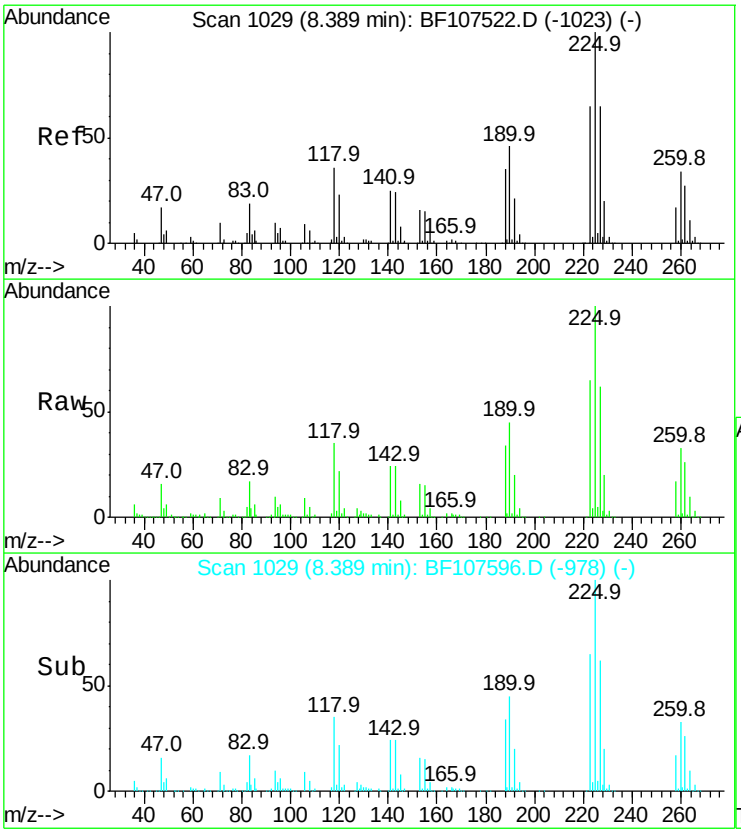

#33
4-Chloroaniline
Concen: 15.733 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:127 Resp: 280428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.9 | 25.9 | 38.9 |
| 65 | 32.2 | 25.0 | 37.4 |
| 92 | 18.9 | 15.2 | 22.8 |

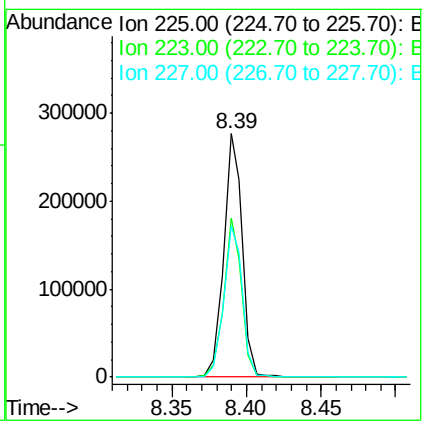


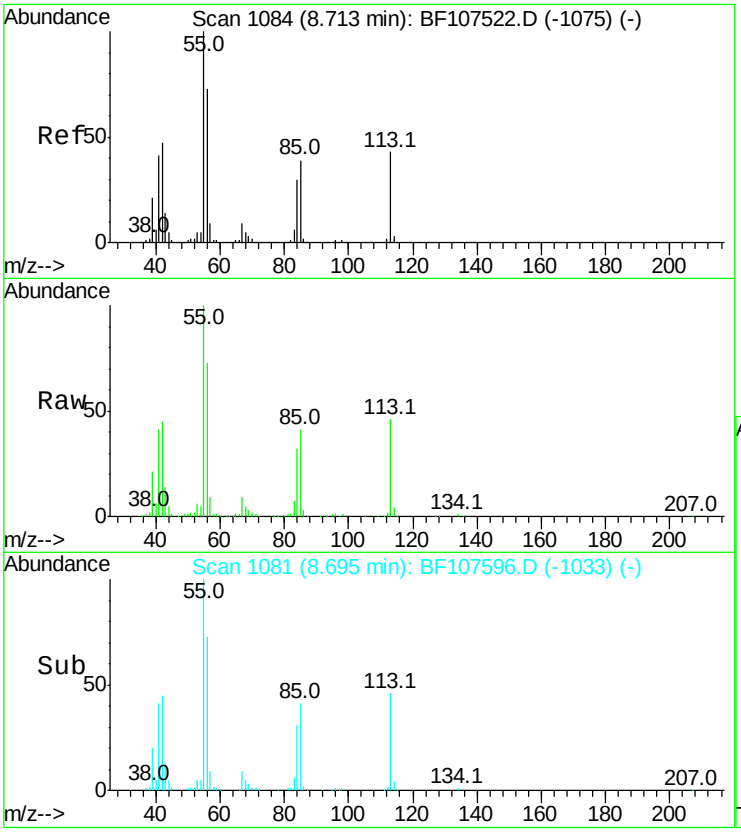




#34
Hexachlorobutadiene
Concen: 28.424 ng
RT: 8.39 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:225 Resp: 243933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.2 | 50.6 | 76.0 |
| 227 | 62.1 | 51.9 | 77.9 |



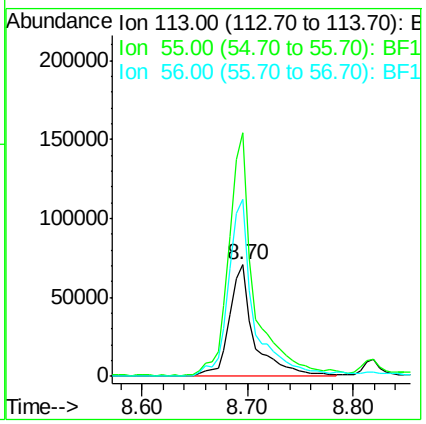


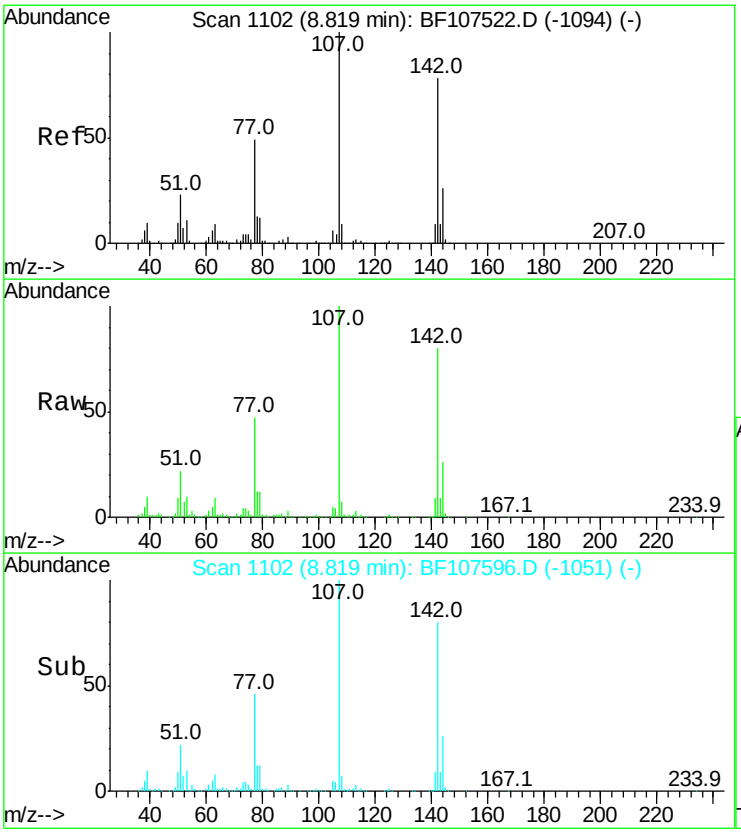

#35
Caprolactam
Concen: 27.423 ng
RT: 8.70 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:113 Resp: 114697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 218.5 | 163.3 | 203.3# |
| 56 | 159.2 | 115.7 | 155.7# |

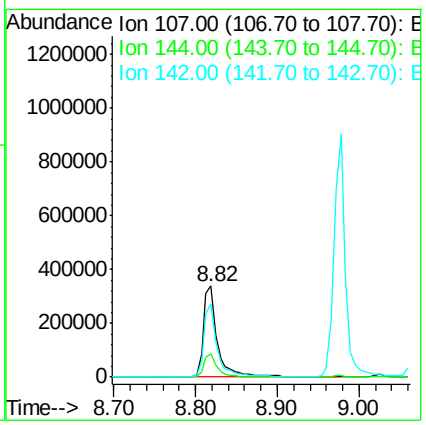


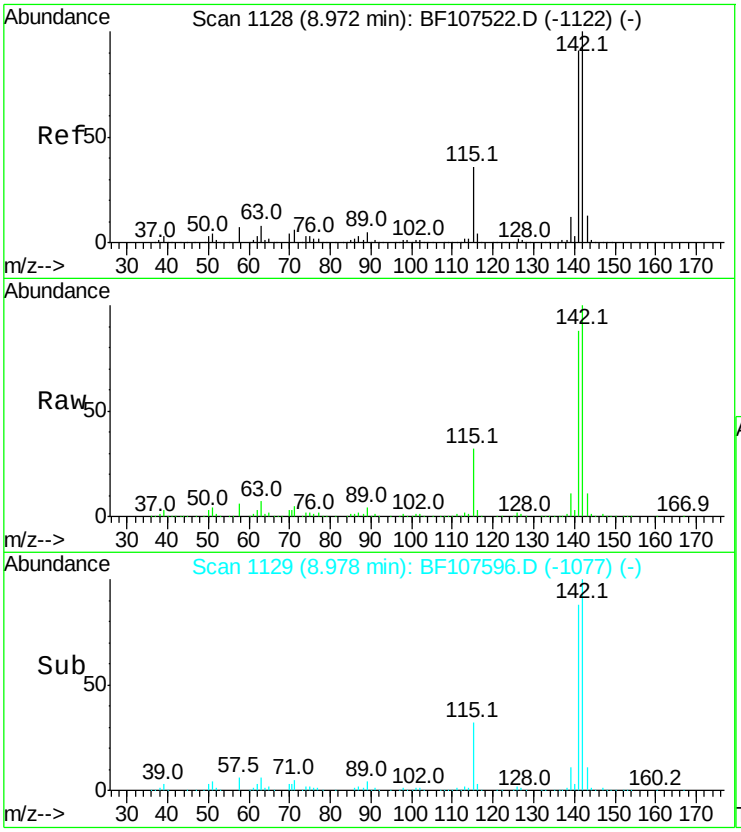




#36
4-Chloro-3-methylphenol
Concen: 28.649 ng
RT: 8.82 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:107 Resp: 409225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.0 | 20.5 | 30.7 |
| 142 | 80.3 | 62.0 | 93.0 |



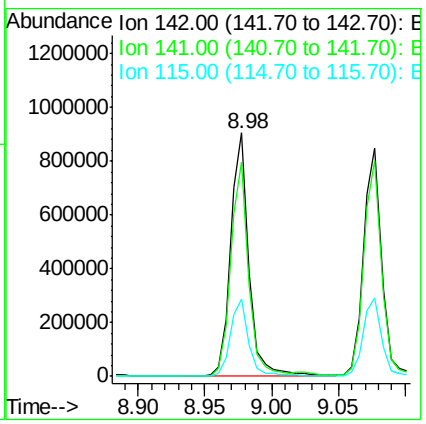


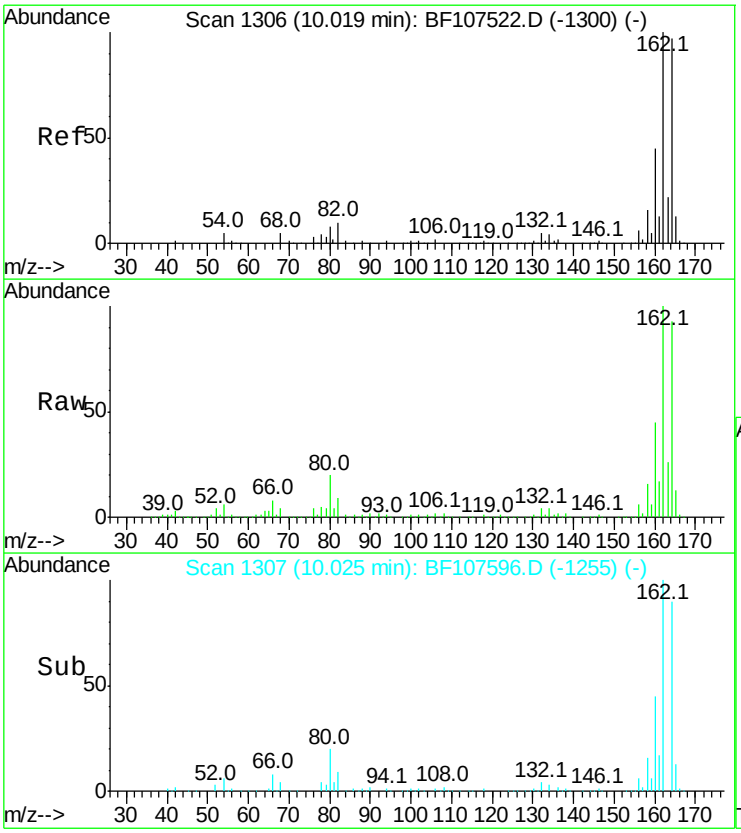

#37
2-Methylnaphthalene
Concen: 30.879 ng
RT: 8.98 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:142 Resp: 872627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 70.8 | 106.2 |
| 115 | 31.8 | 26.1 | 39.1 |

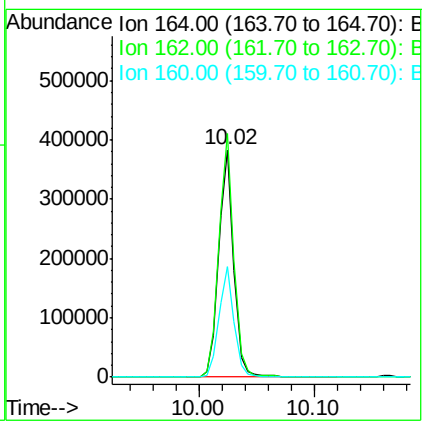


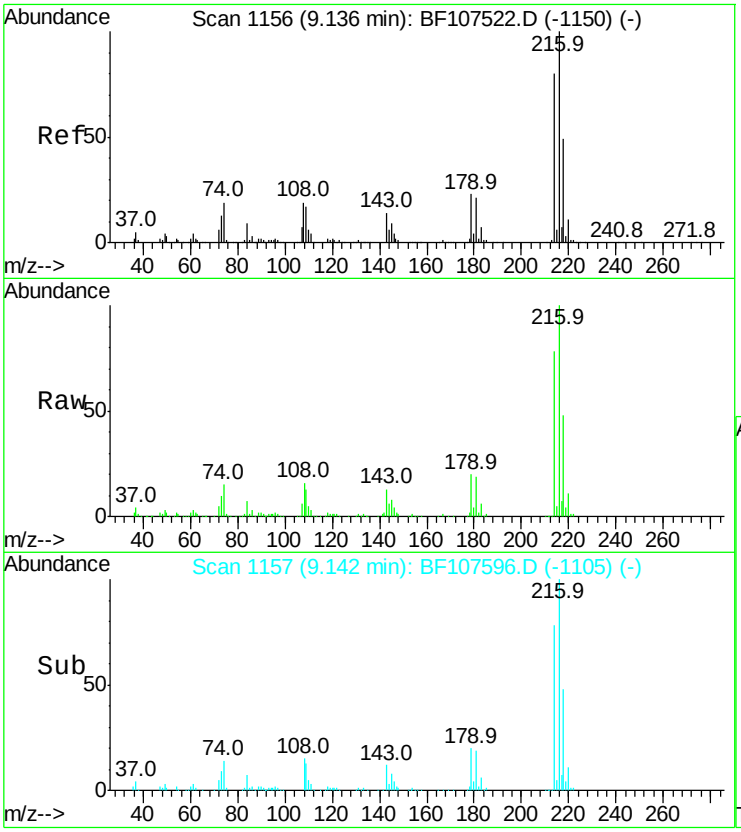




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:164 Resp: 345578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.1 | 86.1 | 129.1 |
| 160 | 48.4 | 38.3 | 57.5 |



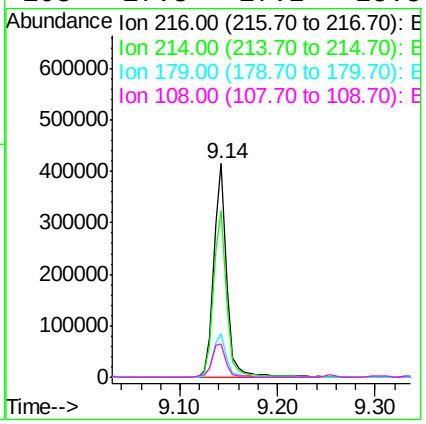


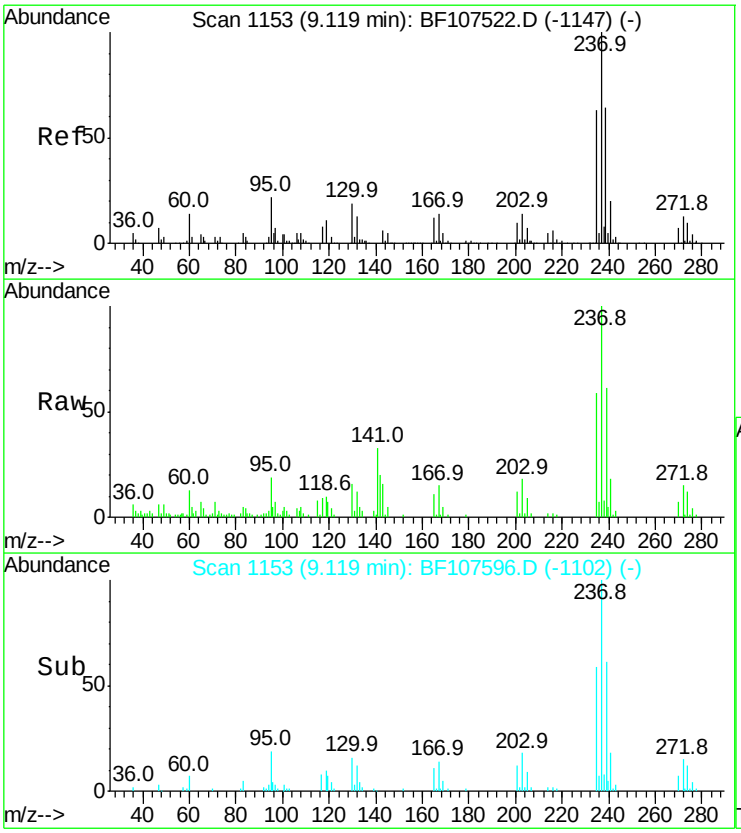

#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.021 ng
RT: 9.14 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :** BNA_F
**ClientSampleId :** TP-10MS

Tgt Ion:216 Resp: 380612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 63.0 | 94.4 |
| 179 | 20.8 | 18.1 | 27.1 |
| 108 | 17.8 | 17.2 | 25.8 |

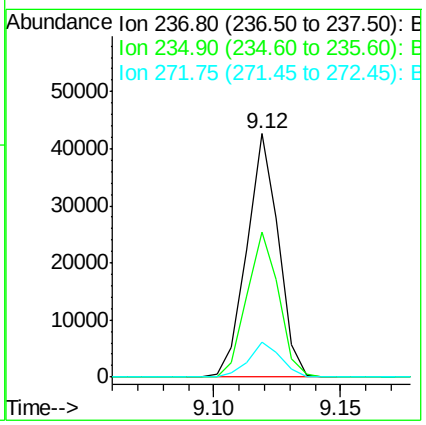


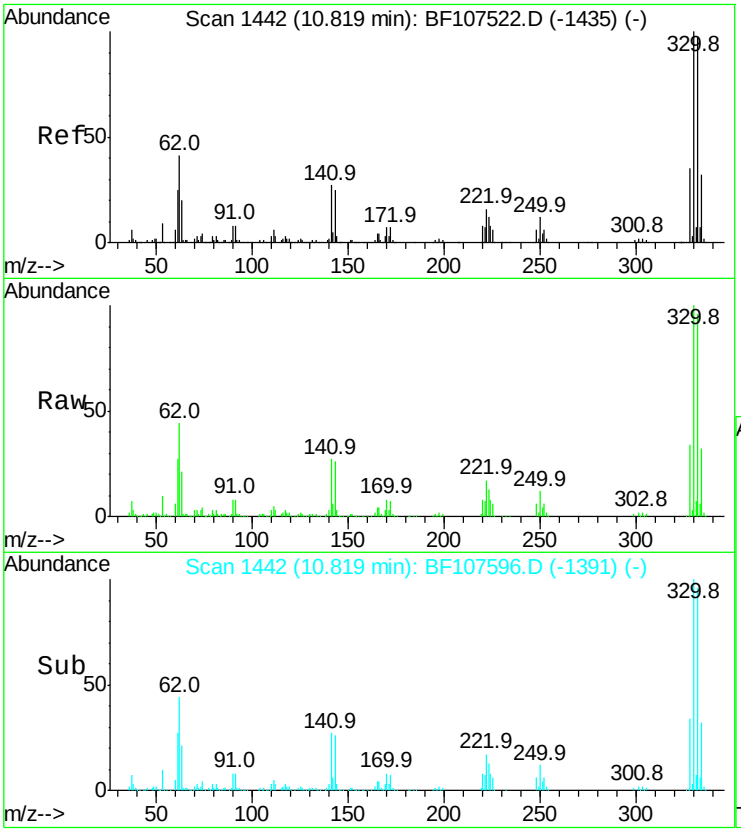




#40
Hexachlorocyclopentadiene
Concen: 6.302 ng
RT: 9.12 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:237 Resp: 36923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.4 | 44.8 | 84.8 |
| 272 | 14.6 | 0.0 | 33.3 |



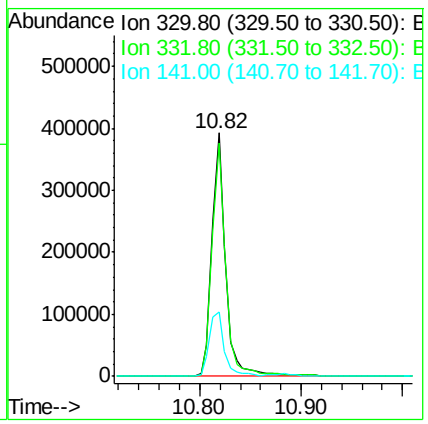


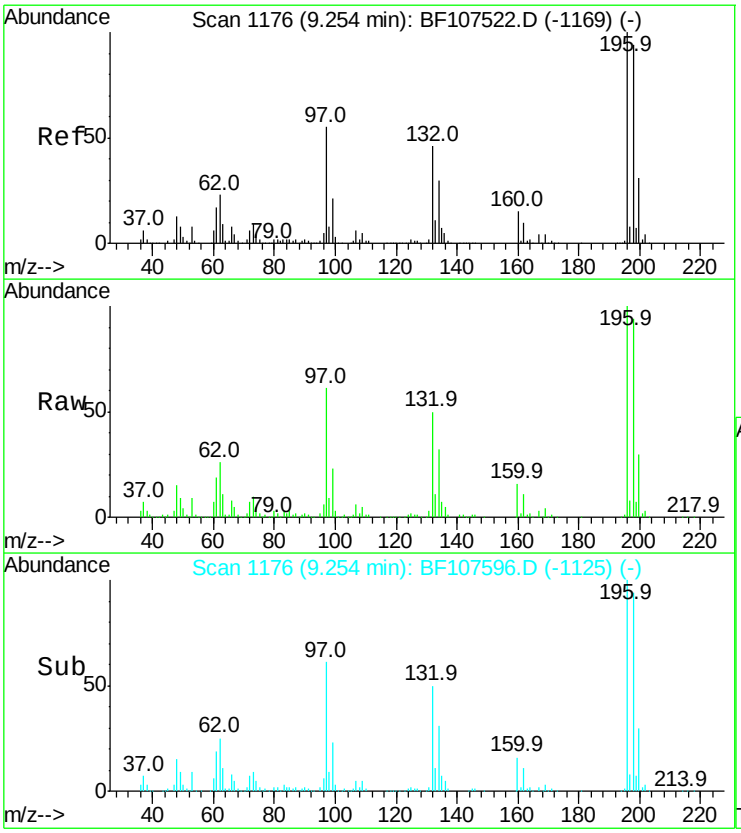

#41
2,4,6-Tribromophenol
Concen: 95.190 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:330 Resp: 374073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.0 | 115.6 |
| 141 | 29.5 | 29.9 | 44.9# |

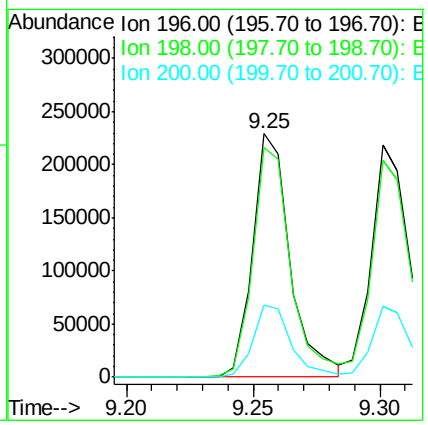


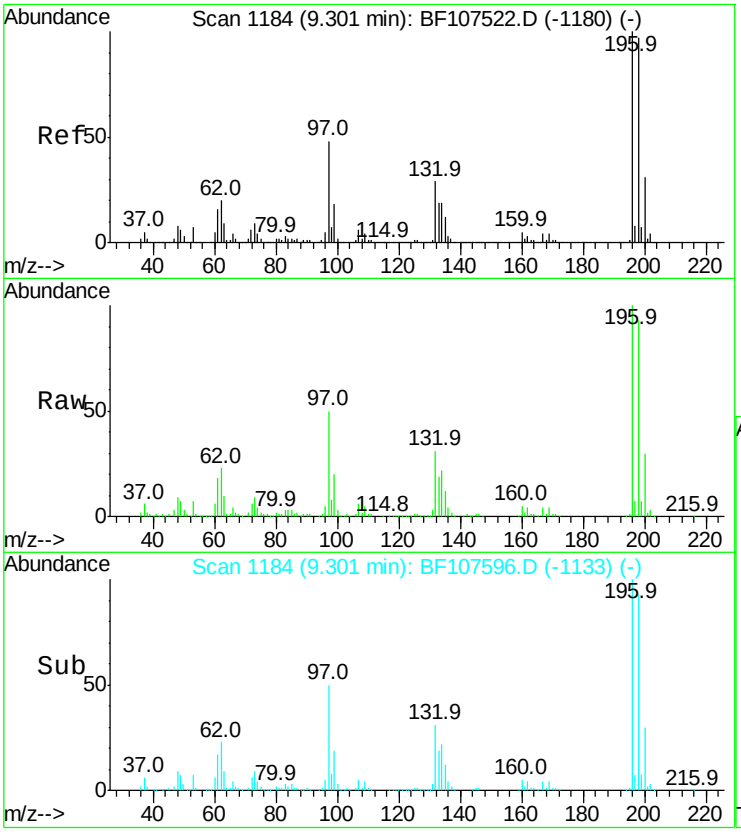




#42
2,4,6-Trichlorophenol
Concen: 32.054 ng
RT: 9.25 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:196 Resp: 236491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.7 | 113.5 |
| 200 | 29.7 | 24.5 | 36.7 |



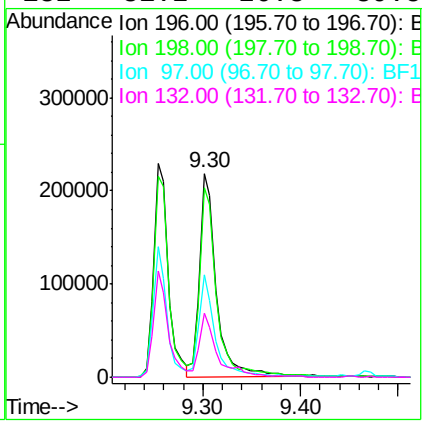


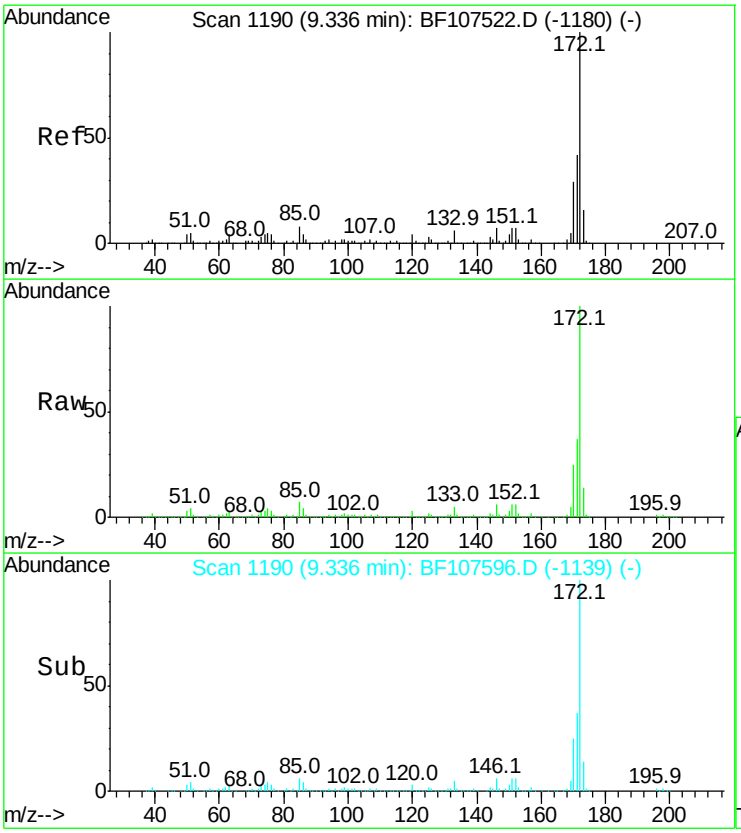

#43
2,4,5-Trichlorophenol
Concen: 33.871 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:196 Resp: 261175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.1 | 74.6 | 112.0 |
| 97 | 50.0 | 42.9 | 64.3 |
| 132 | 31.2 | 26.3 | 39.5 |

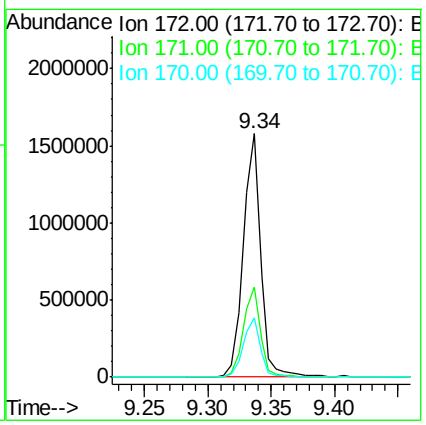


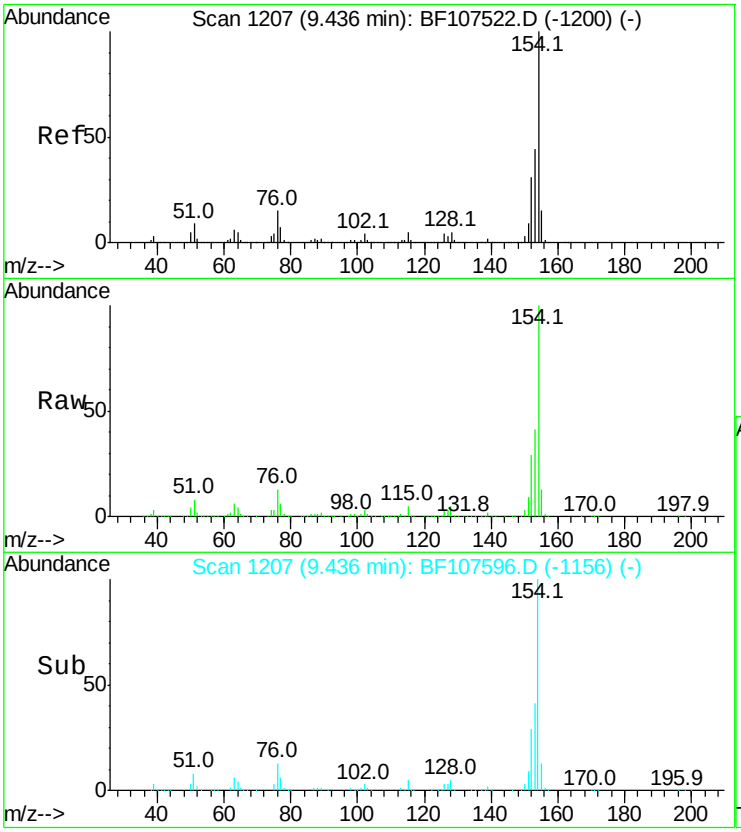




#44
2-Fluorobiphenyl
Concen: 70.314 ng
RT: 9.34 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:172 Resp: 1489010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.7 | 44.5 |
| 170 | 24.6 | 19.6 | 29.4 |



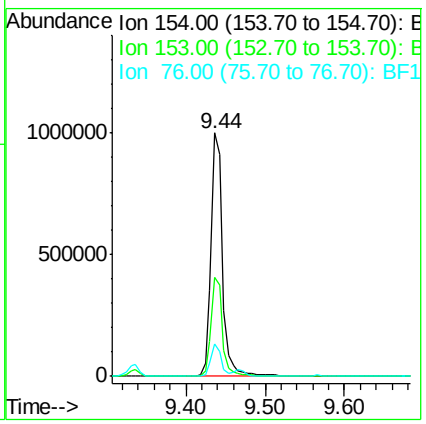


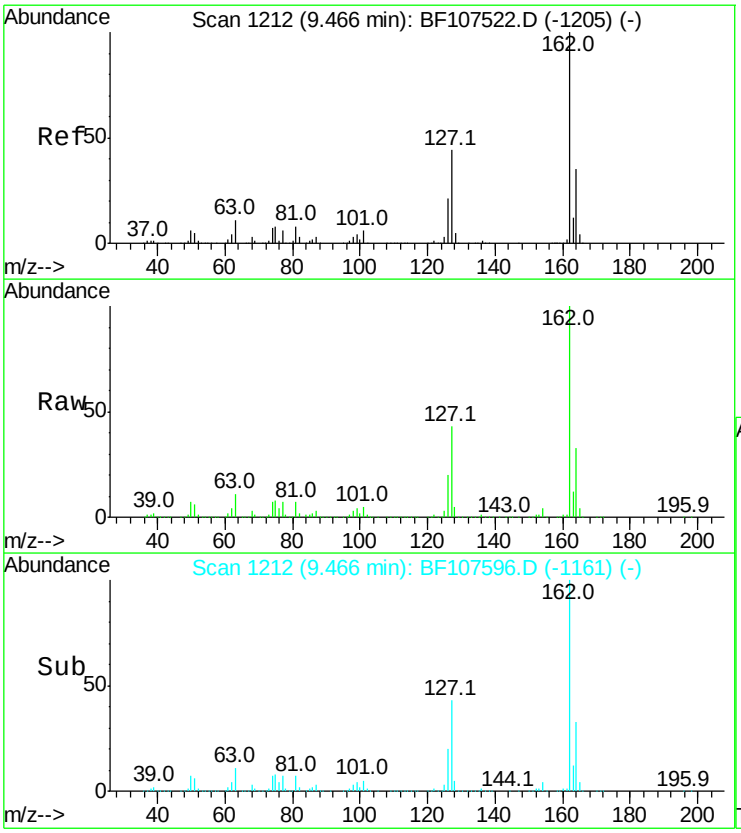

#45
1,1'-Biphenyl
Concen: 33.435 ng
RT: 9.44 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:154 Resp: 1006525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 21.3 | 61.3 |
| 76 | 13.2 | 0.0 | 34.0 |

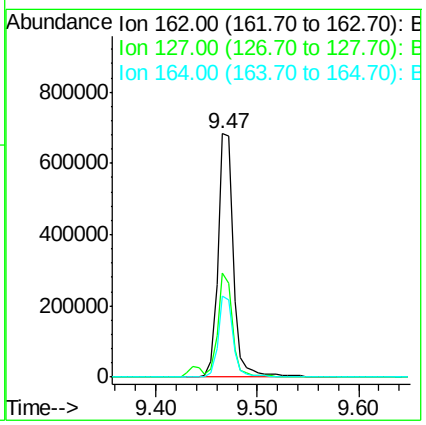


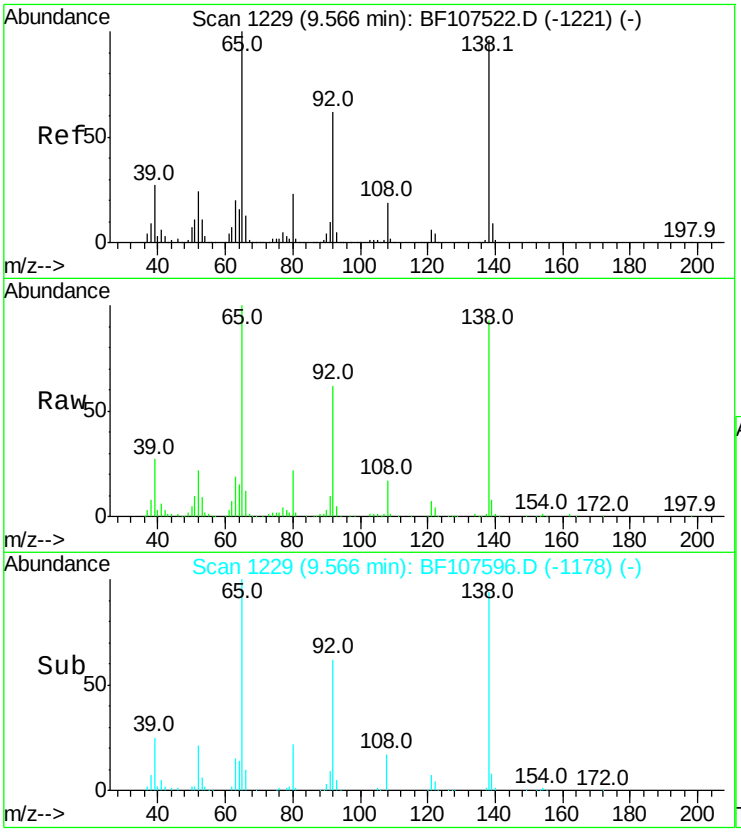




#46
2-Chloronaphthalene
Concen: 31.384 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:162 Resp: 722169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.9 | 33.9 | 50.9 |
| 164 | 33.3 | 26.5 | 39.7 |



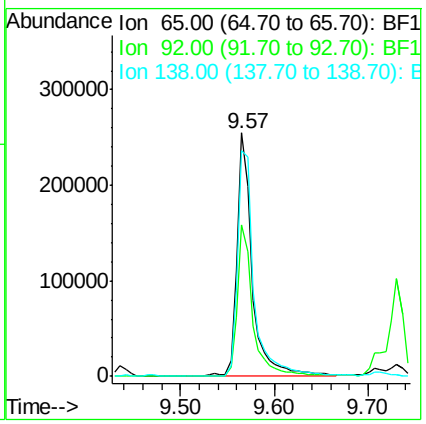


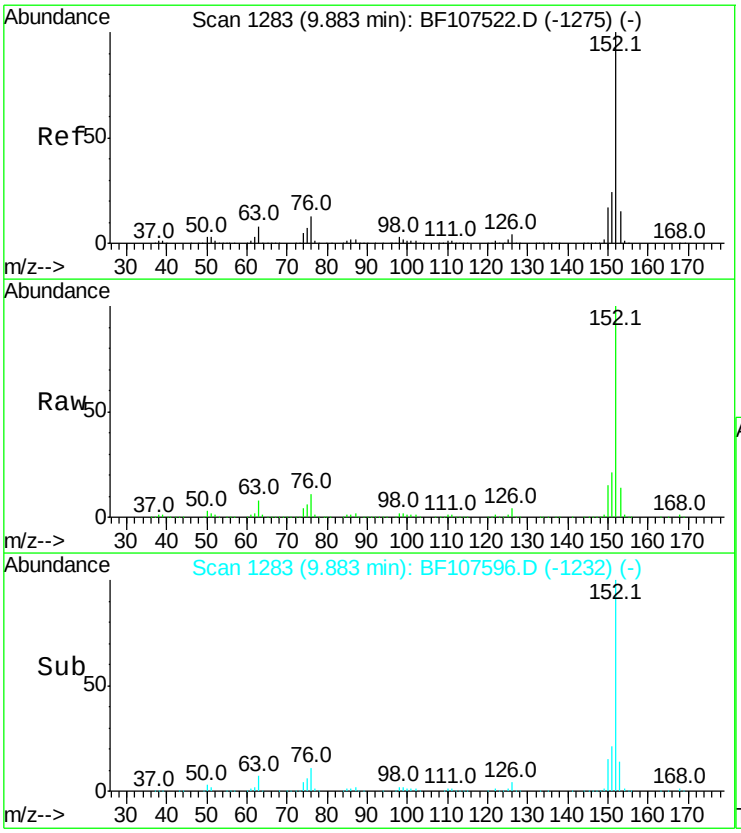

#47
2-Nitroaniline
Concen: 42.641 ng
RT: 9.57 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion: 65 Resp: 286048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 62.1 | 55.8 | 83.6 |
| 138 | 92.8 | 91.2 | 136.8 |

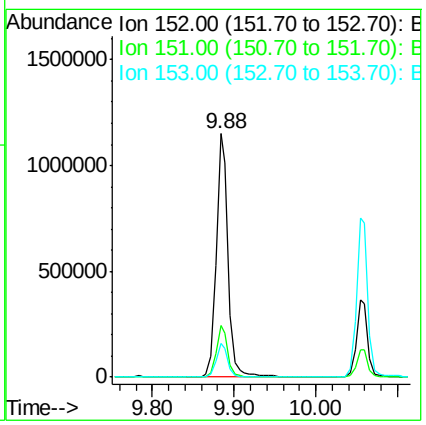


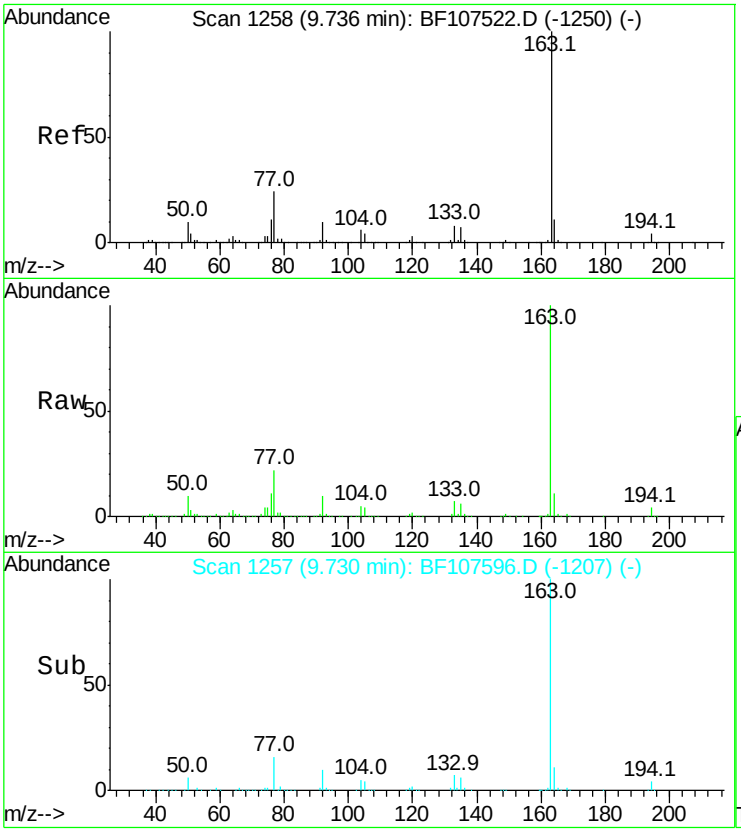




#48
Acenaphthylene
Concen: 33.617 ng
RT: 9.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:152 Resp: 1162026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.1 | 16.3 | 24.5 |
| 153 | 14.0 | 10.7 | 16.1 |



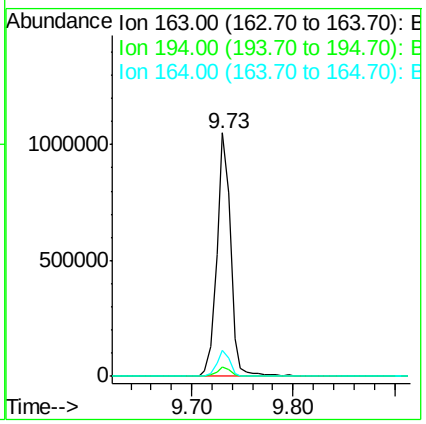


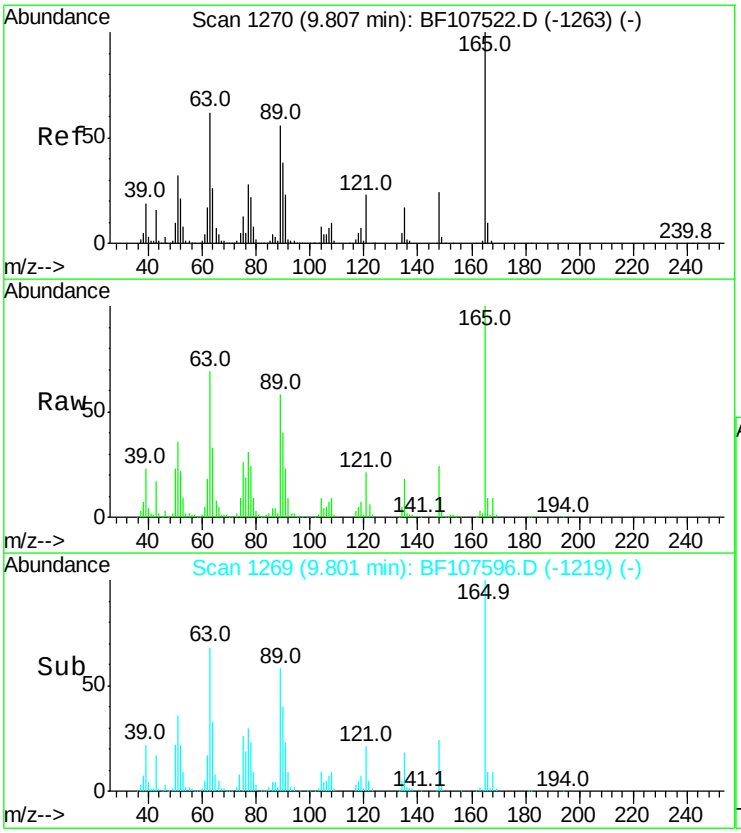

#49
Dimethylphthalate
Concen: 38.236 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:163 Resp: 995844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 2.7 | 4.1 |
| 164 | 10.8 | 8.2 | 12.2 |

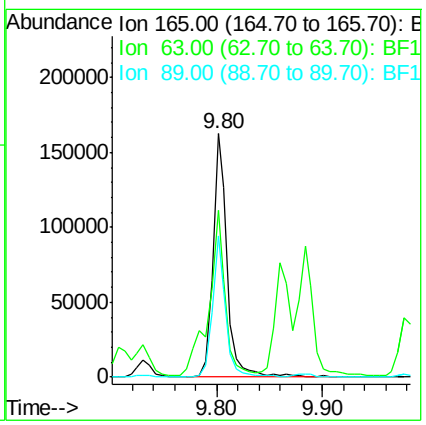


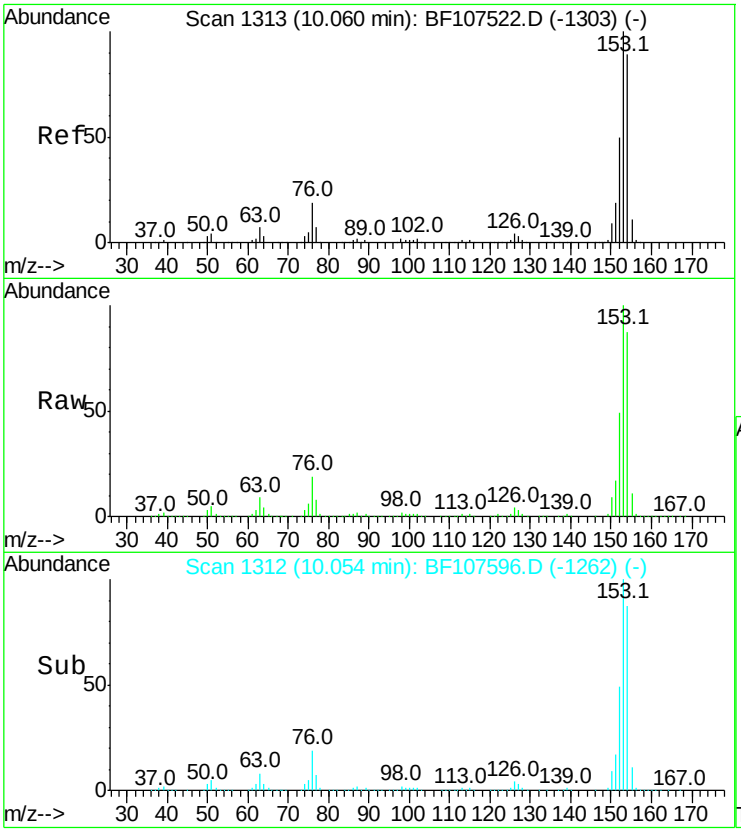




#50
2,6-Dinitrotoluene
Concen: 30.211 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:165 Resp: 156222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.7 | 44.7 | 67.1# |
| 89 | 58.2 | 44.0 | 66.0 |



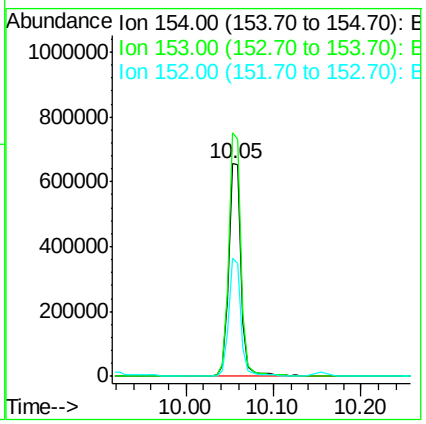


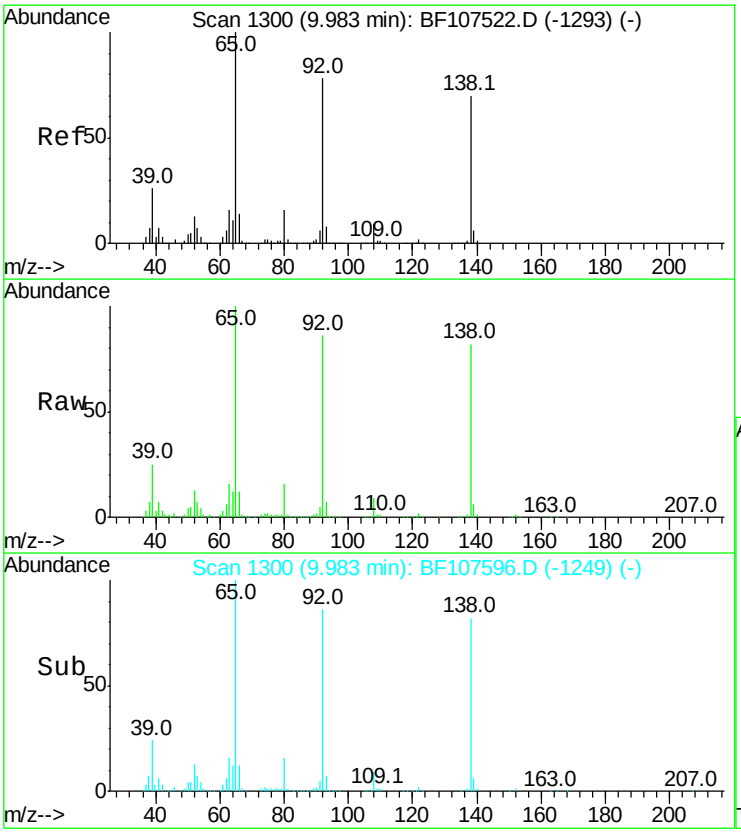

#51
Acenaphthene
Concen: 30.358 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:154 Resp: 657476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.5 | 91.2 | 136.8 |
| 152 | 55.6 | 43.8 | 65.8 |

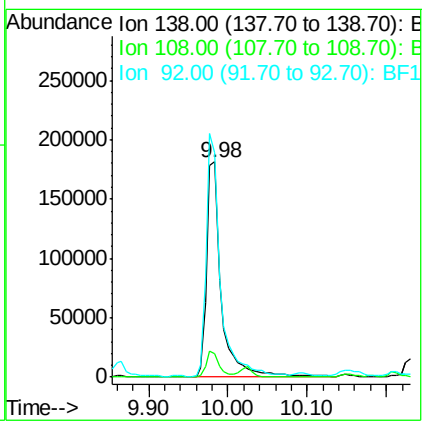


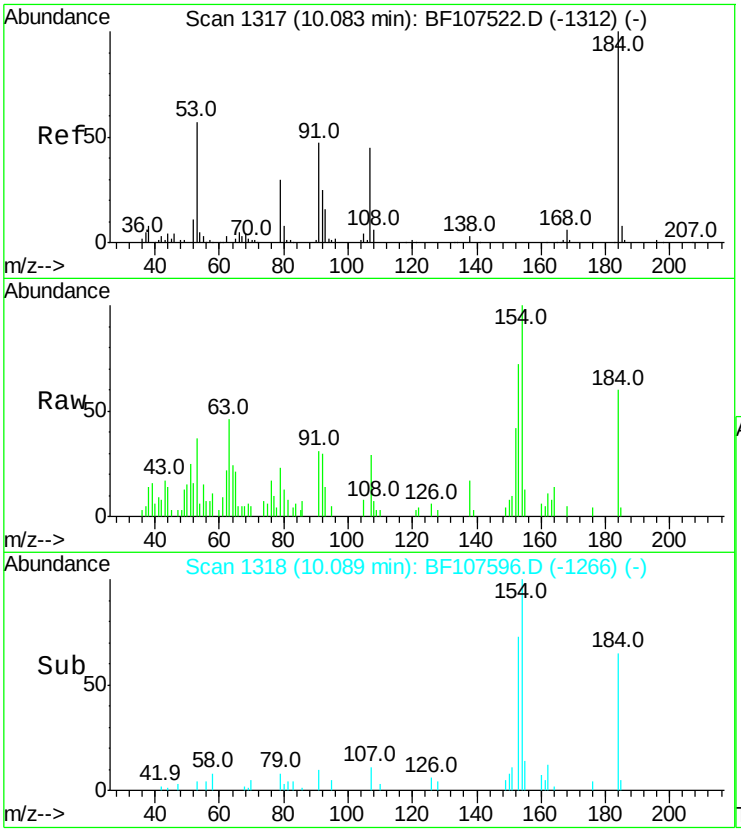




#52
3-Nitroaniline
Concen: 37.333 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:138 Resp: 234852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.4 | 14.0 |
| 92 | 104.5 | 89.4 | 134.2 |



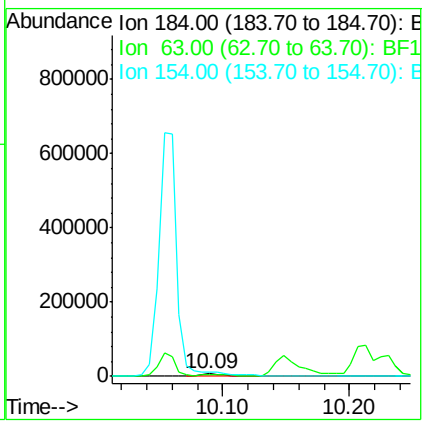


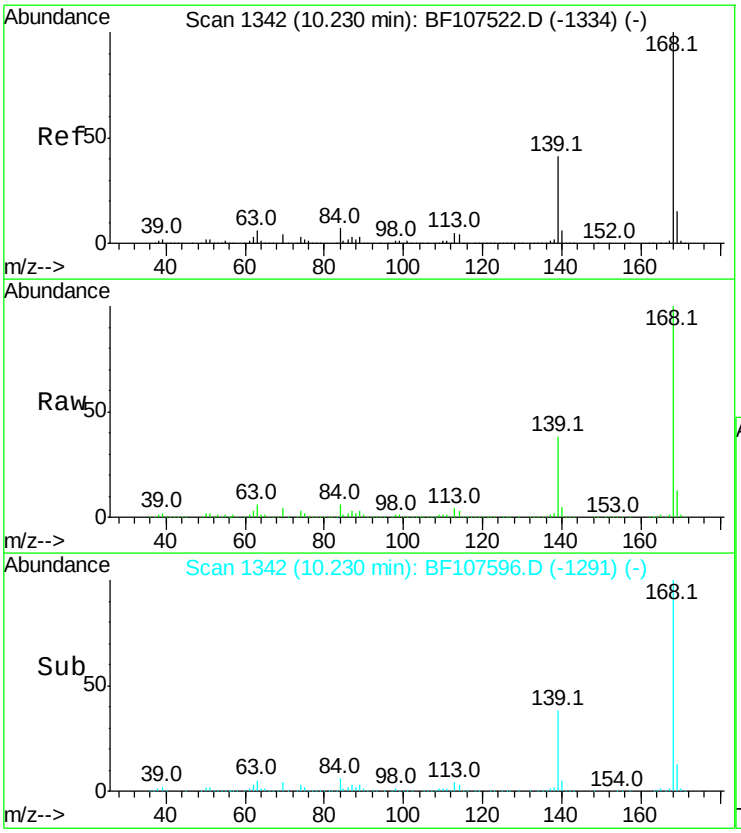

#53
2,4-Dinitrophenol
Concen: 14.759 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:184 Resp: 11926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 76.1 | 54.2 | 81.2 |
| 154 | 166.2 | 184.0 | 276.0# |

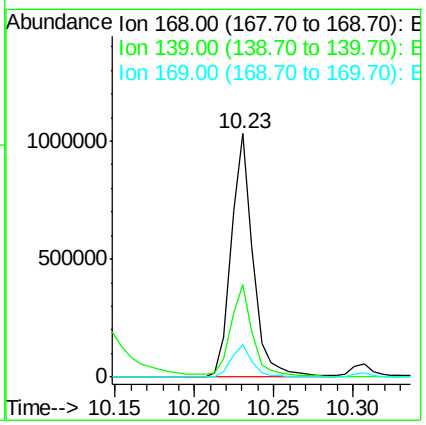


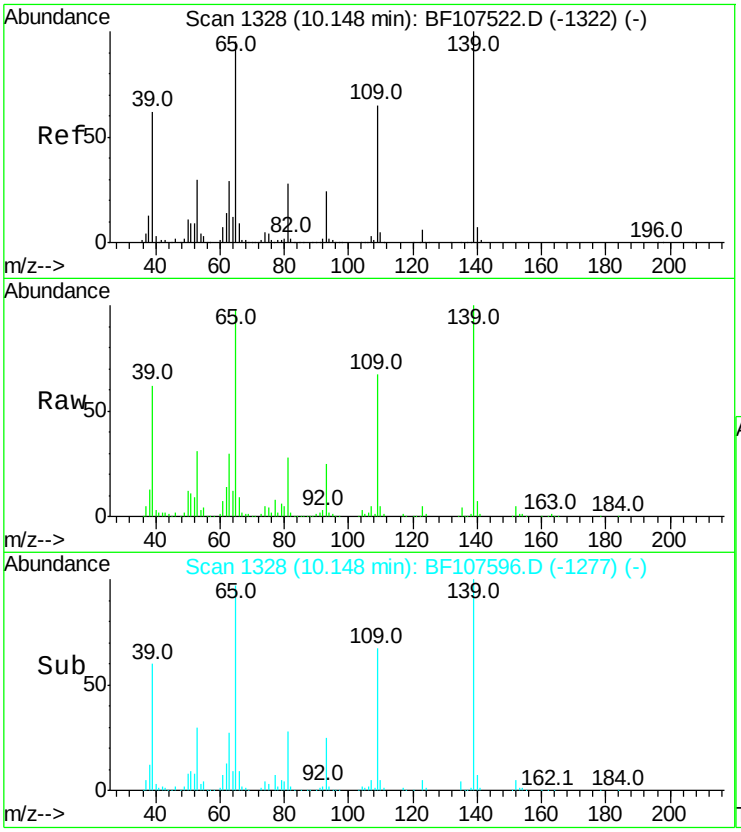




#54
Dibenzofuran
Concen: 30.858 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:168 Resp: 983904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.8 | 30.1 | 45.1 |
| 169 | 13.3 | 10.9 | 16.3 |



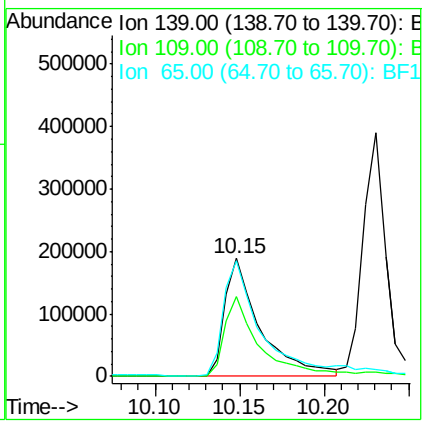


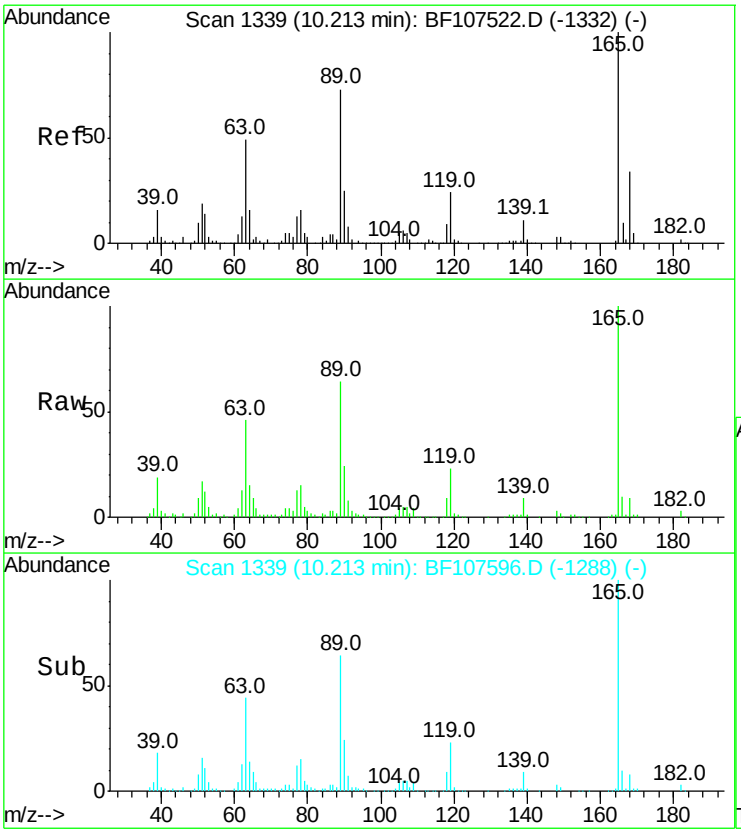

#55
4-Nitrophenol
Concen: 58.693 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:139 Resp: 276442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.1 | 48.4 | 88.4 |
| 65 | 98.1 | 72.6 | 112.6 |

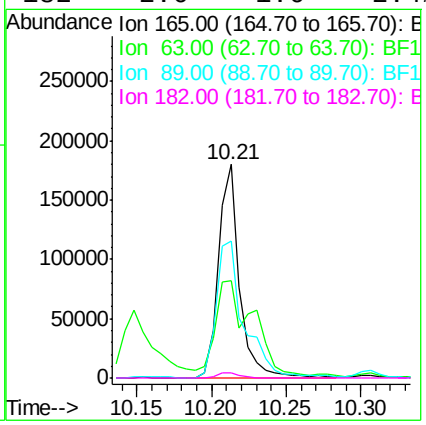


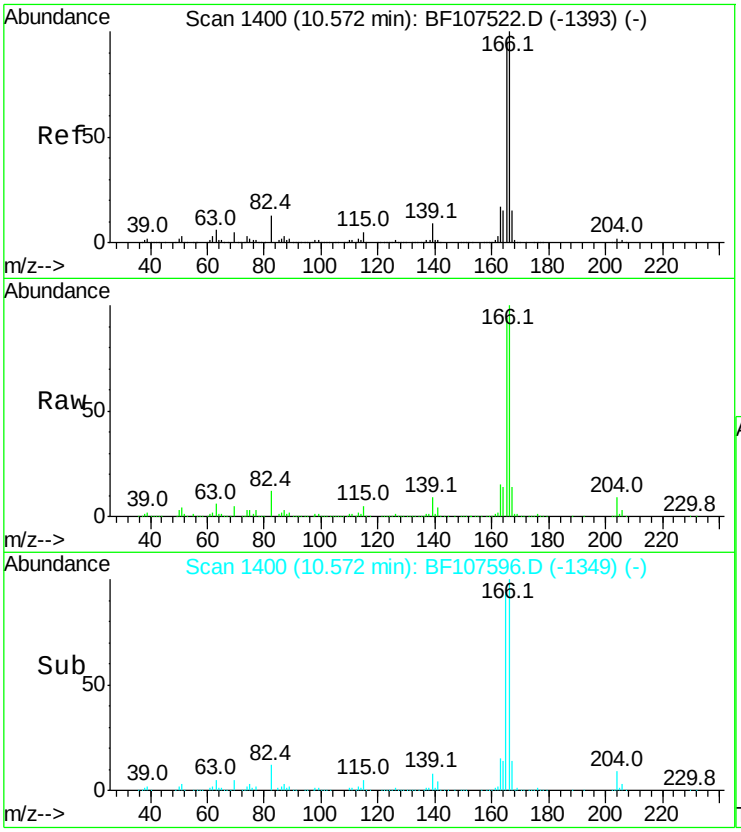




#56
2,4-Dinitrotoluene
Concen: 28.944 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:165 Resp: 180665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.8 | 36.4 | 54.6 |
| 89 | 64.3 | 57.8 | 86.6 |
| 182 | 2.6 | 1.6 | 2.4# |



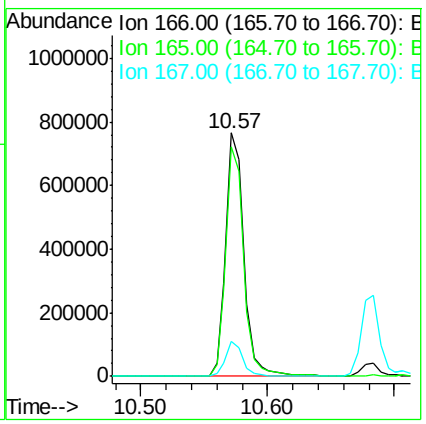


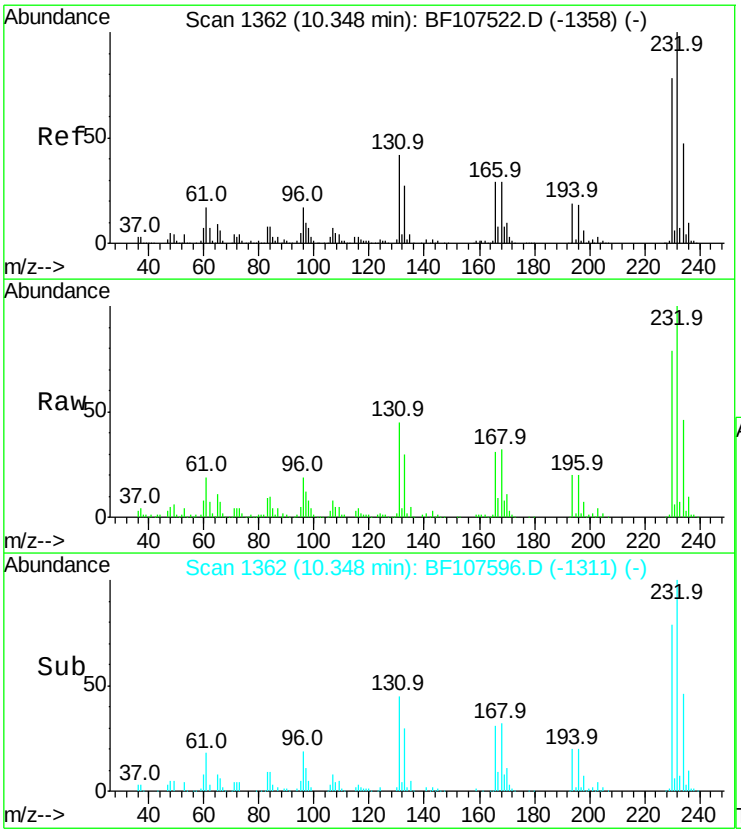

#57
Fluorene
Concen: 33.549 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:166 Resp: 763133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 94.4 | 79.8 | 119.8 |
| 167 | 14.2 | 10.6 | 16.0 |

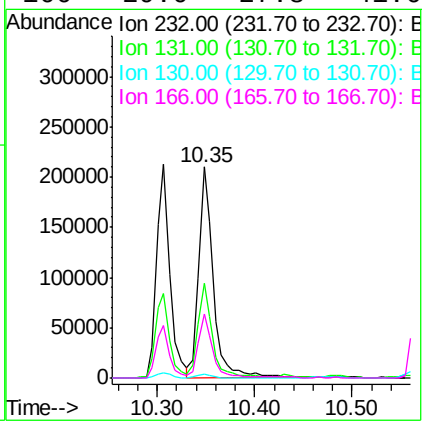


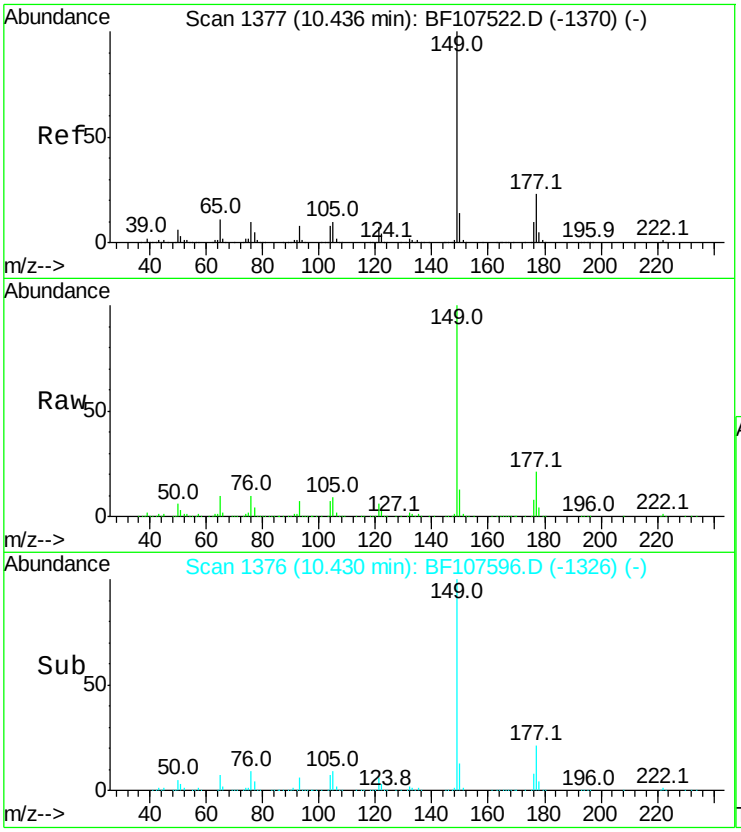




#58
2,3,4,6-Tetrachlorophenol
Concen: 33.573 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:232 Resp: 215457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.5 | 43.8 | 65.8# |
| 130 | 1.9 | 2.1 | 3.1# |
| 166 | 29.0 | 27.8 | 41.6 |



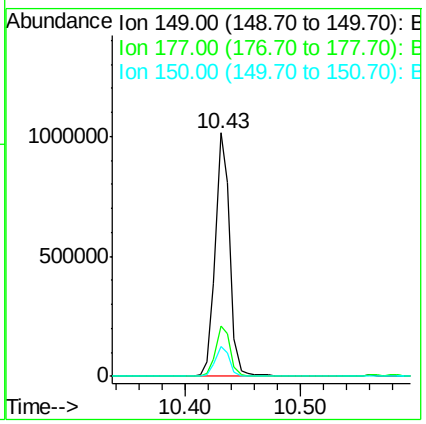


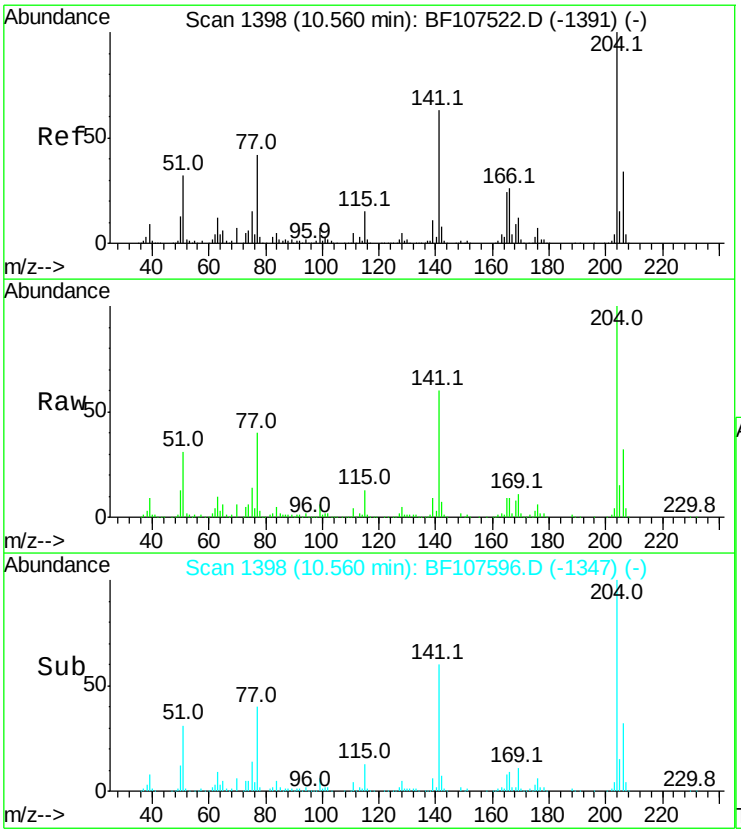

#59
Diethylphthalate
Concen: 32.421 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:149 Resp: 881874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.8 | 16.1 | 24.1 |
| 150 | 12.5 | 10.1 | 15.1 |

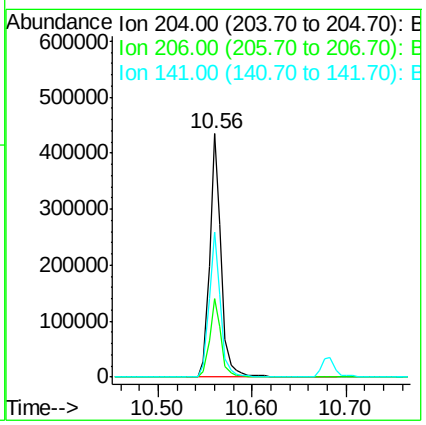


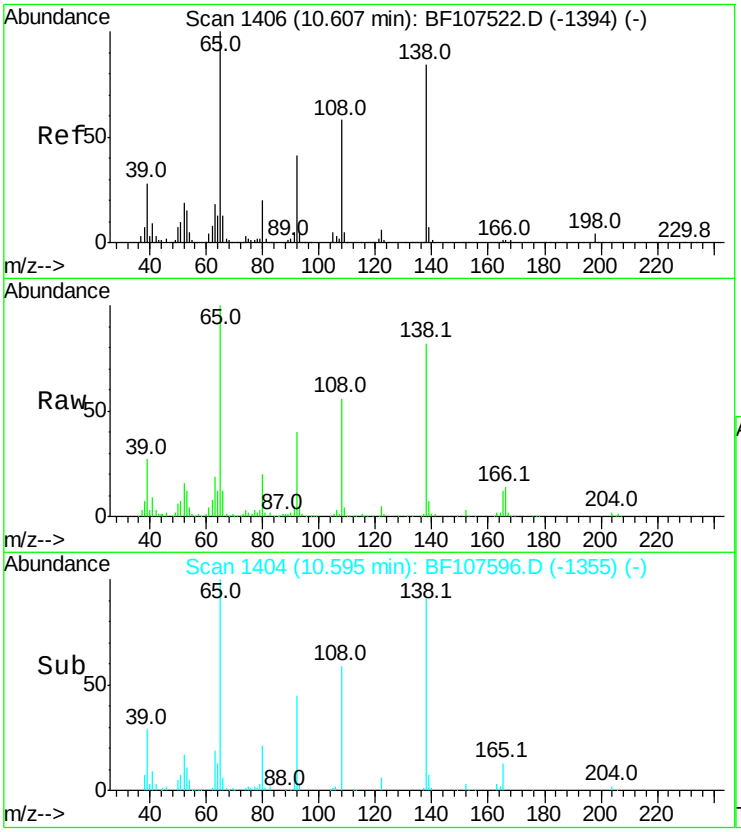




#60
4-Chlorophenyl-phenylether
Concen: 29.157 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:204 Resp: 374947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 26.5 | 39.7 |
| 141 | 59.8 | 54.6 | 81.8 |



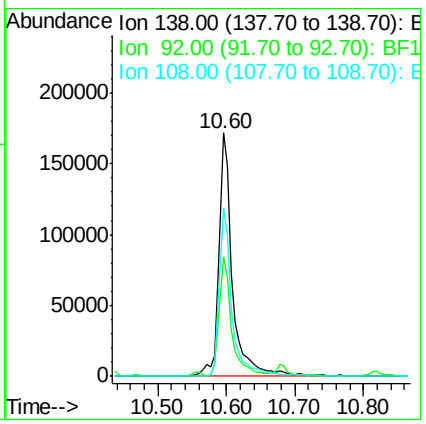


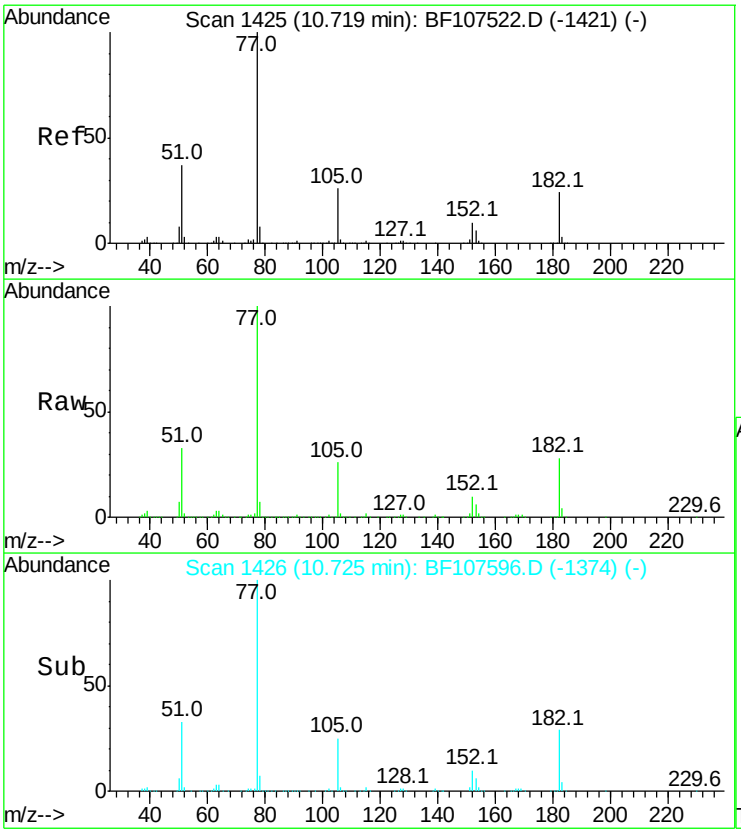

#61
4-Nitroaniline
Concen: 44.041 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:138 Resp: 232768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.1 | 30.2 | 70.2 |
| 108 | 69.0 | 52.5 | 92.5 |

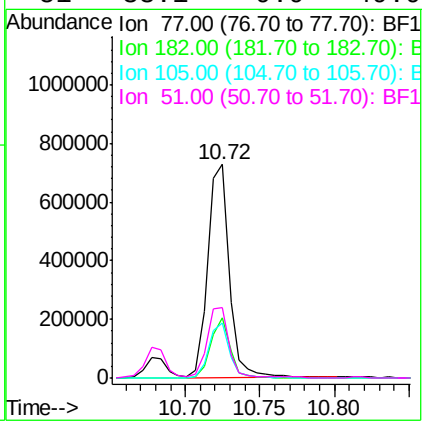


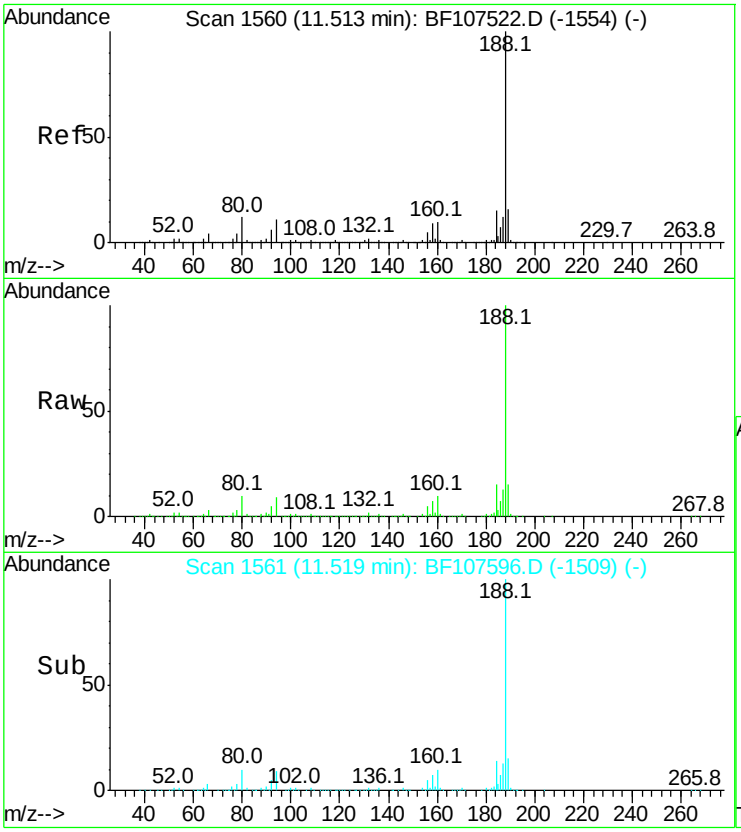




#62
Azobenzene
Concen: 28.212 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion: 77 Resp: 719590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.4 | 1.7 | 41.7 |
| 105 | 25.9 | 3.0 | 43.0 |
| 51 | 33.1 | 9.9 | 49.9 |



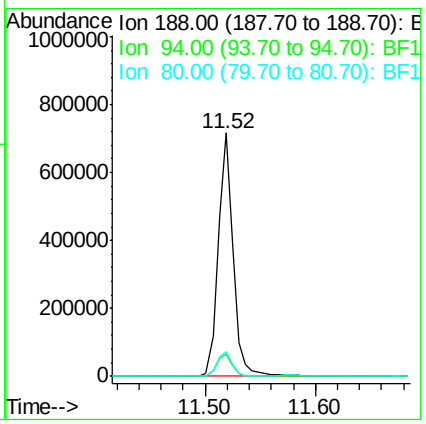


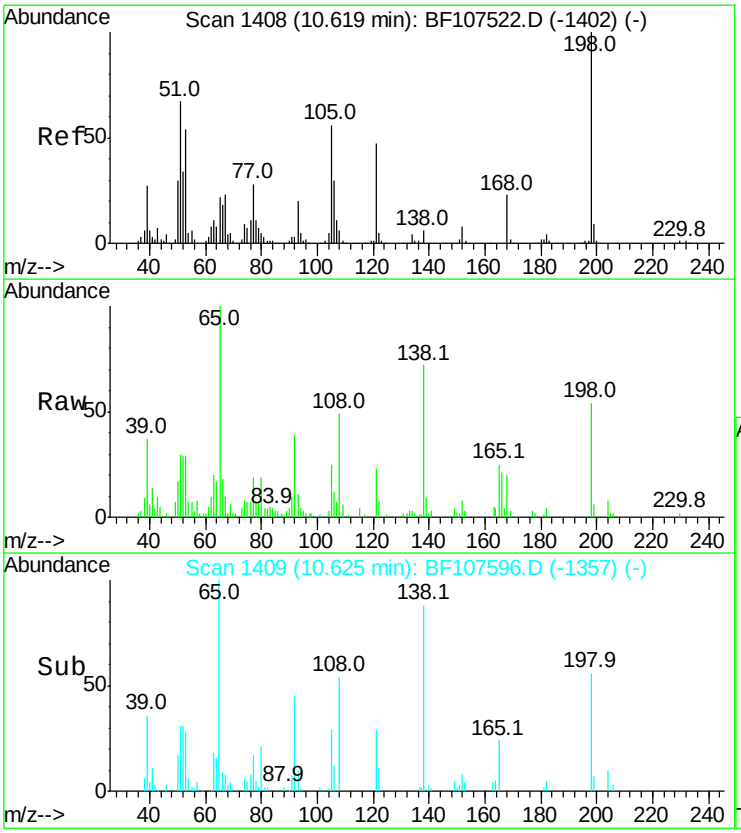

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:188 Resp: 677056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 8.5 | 12.7 |
| 80 | 10.0 | 9.2 | 13.8 |

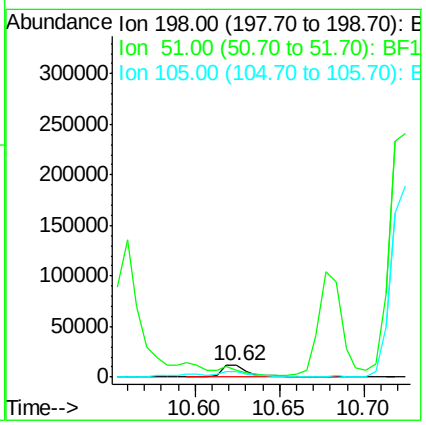


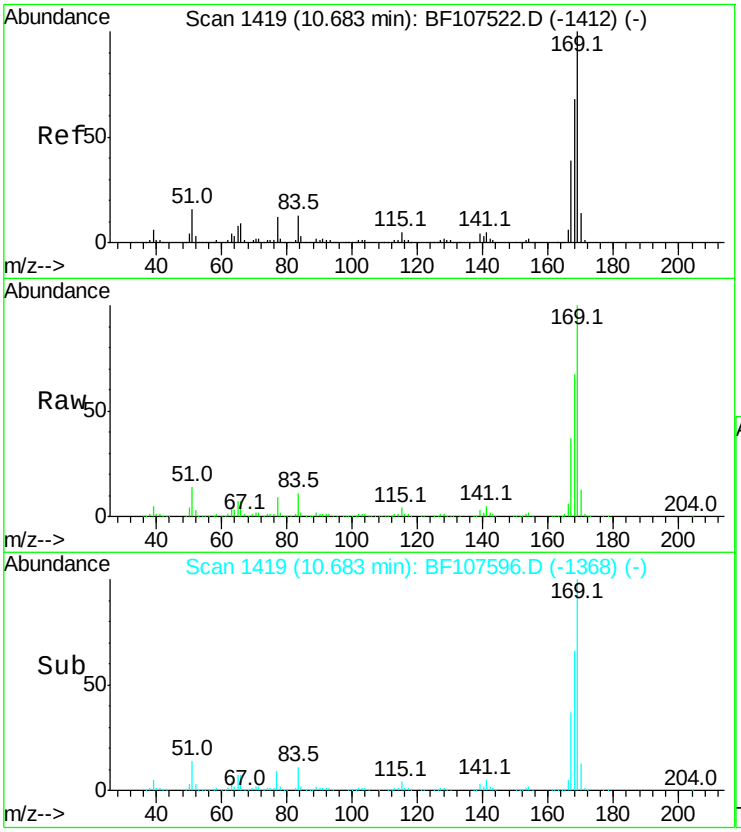




#64
4,6-Dinitro-2-methylphenol
Concen: 11.976 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:198 Resp: 13150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.9 | 37.7 | 77.7 |
| 105 | 46.5 | 36.3 | 76.3 |



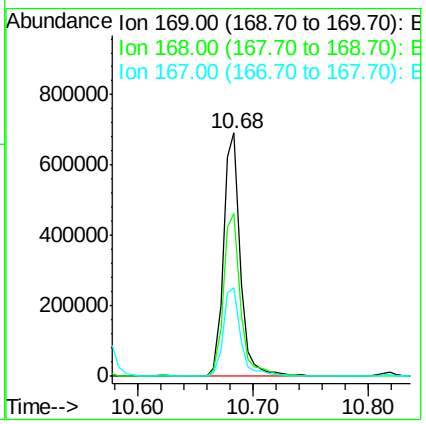


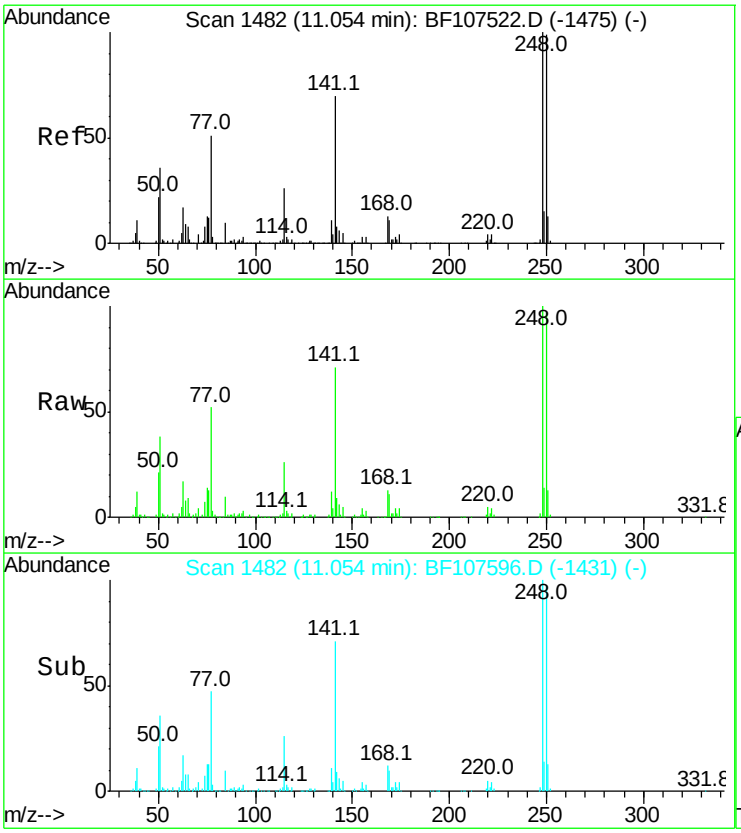

#65
n-Nitrosodiphenylamine
Concen: 30.474 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:169 Resp: 700735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 54.4 | 81.6 |
| 167 | 36.7 | 29.8 | 44.6 |

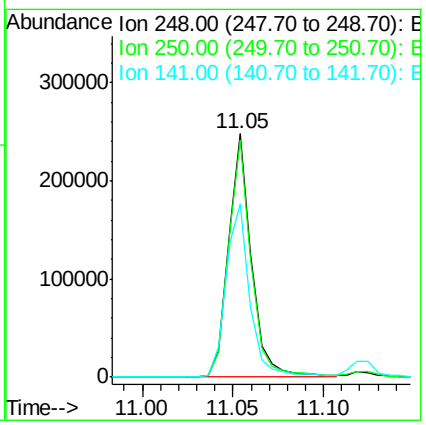


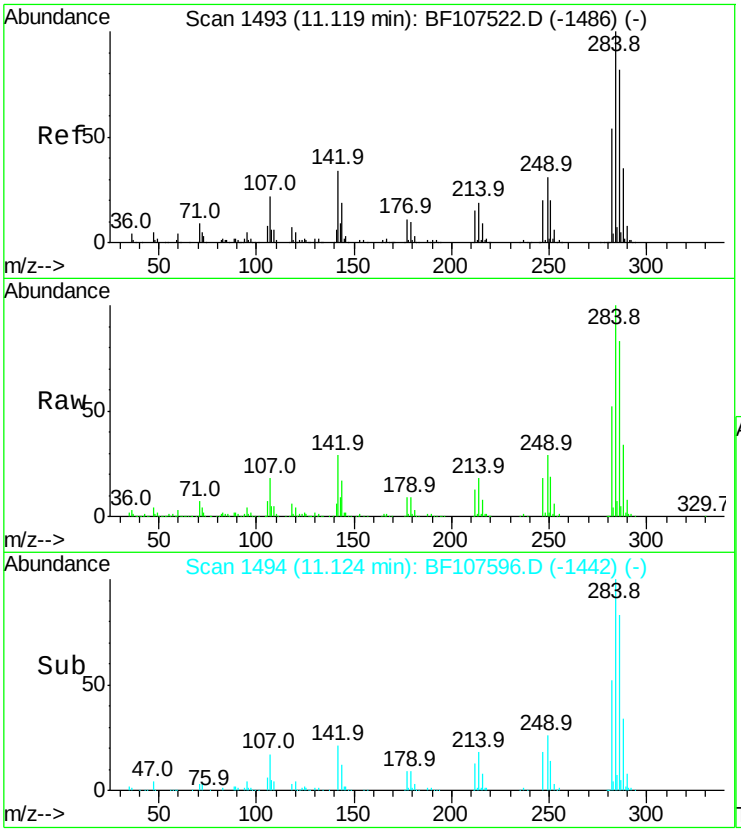




#66
4-Bromophenyl-phenylether
Concen: 27.496 ng
RT: 11.05 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:248 Resp: 219142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.5 | 76.9 | 115.3 |
| 141 | 71.2 | 74.4 | 111.6# |



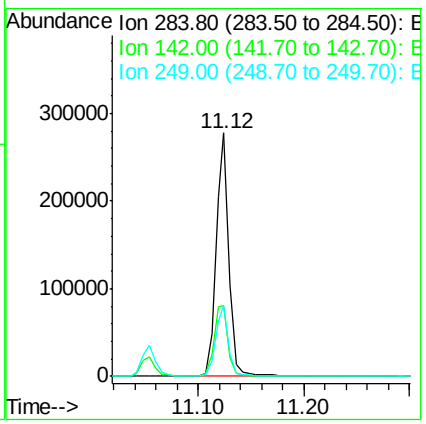


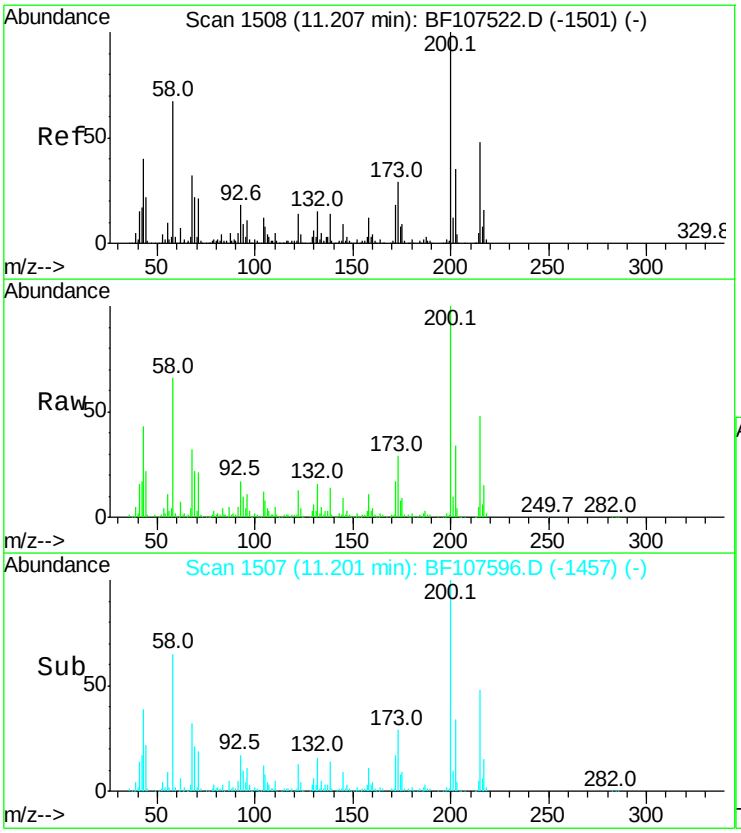

#67
Hexachlorobenzene
Concen: 27.156 ng
RT: 11.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:284 Resp: 238144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.1 | 34.6 | 52.0# |
| 249 | 28.9 | 24.8 | 37.2 |

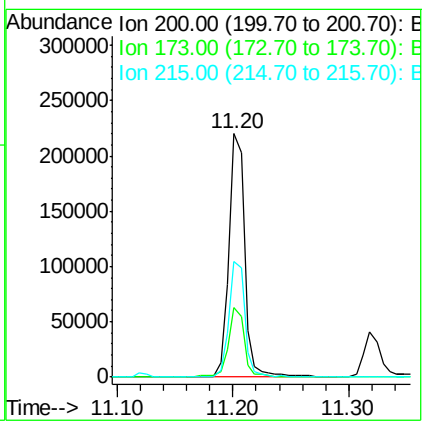


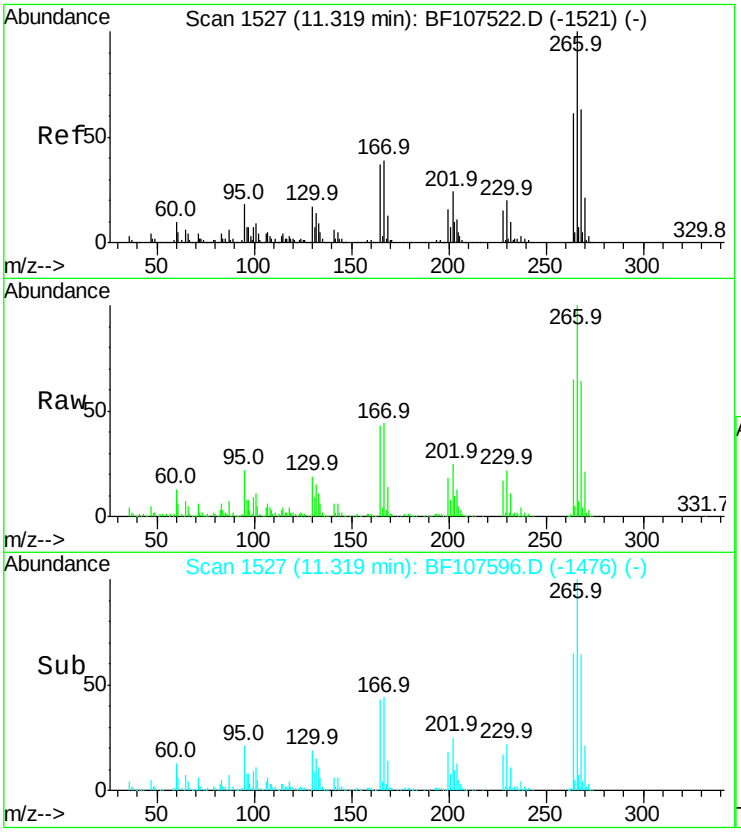




#68
Atrazine
Concen: 29.941 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:200 Resp: 210208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.6 | 8.6 | 48.6 |
| 215 | 47.6 | 25.1 | 65.1 |



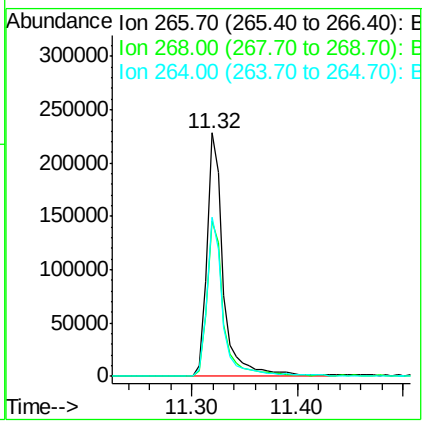


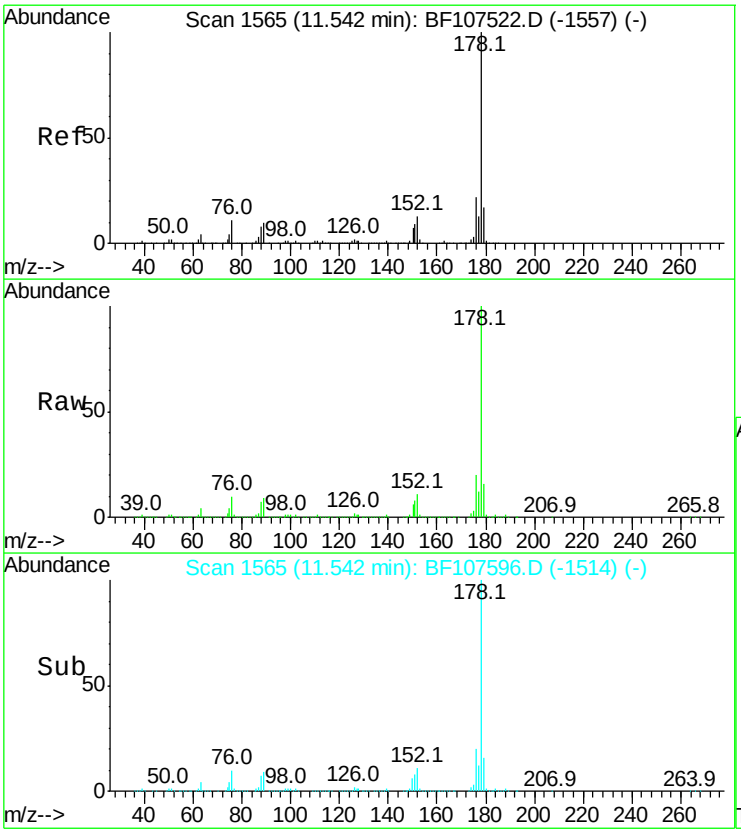

#69
Pentachlorophenol
Concen: 45.799 ng
RT: 11.32 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:266 Resp: 250868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.1 | 76.7 |
| 264 | 65.3 | 49.5 | 74.3 |

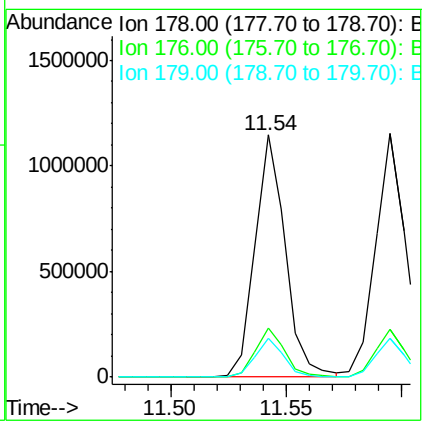


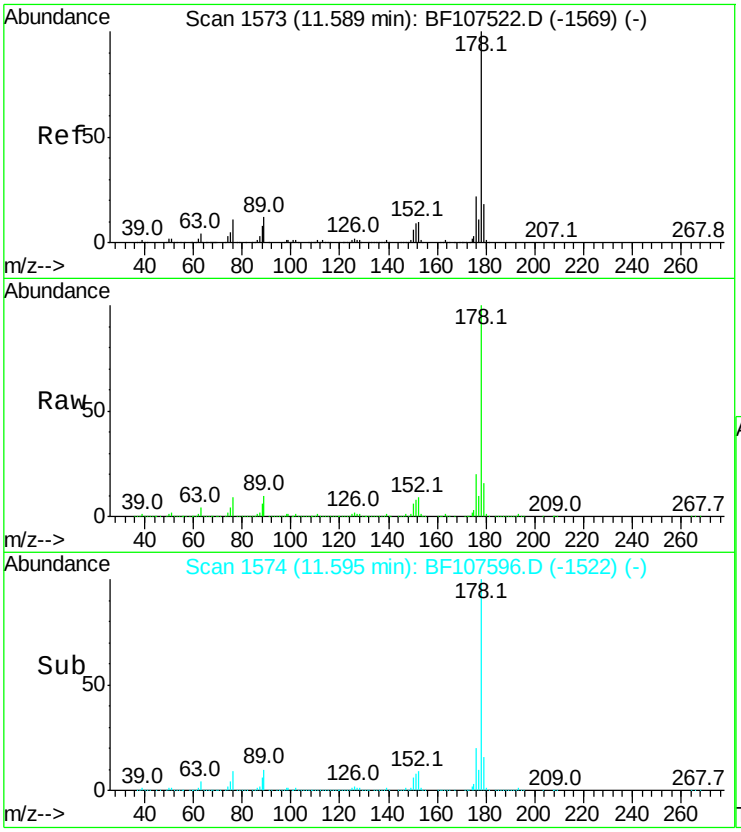




#70
Phenanthrene
Concen: 31.810 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:178 Resp: 1049522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.1 | 15.8 | 23.8 |
| 179 | 16.1 | 13.0 | 19.6 |



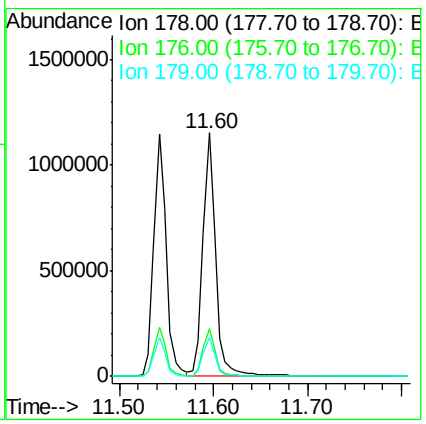


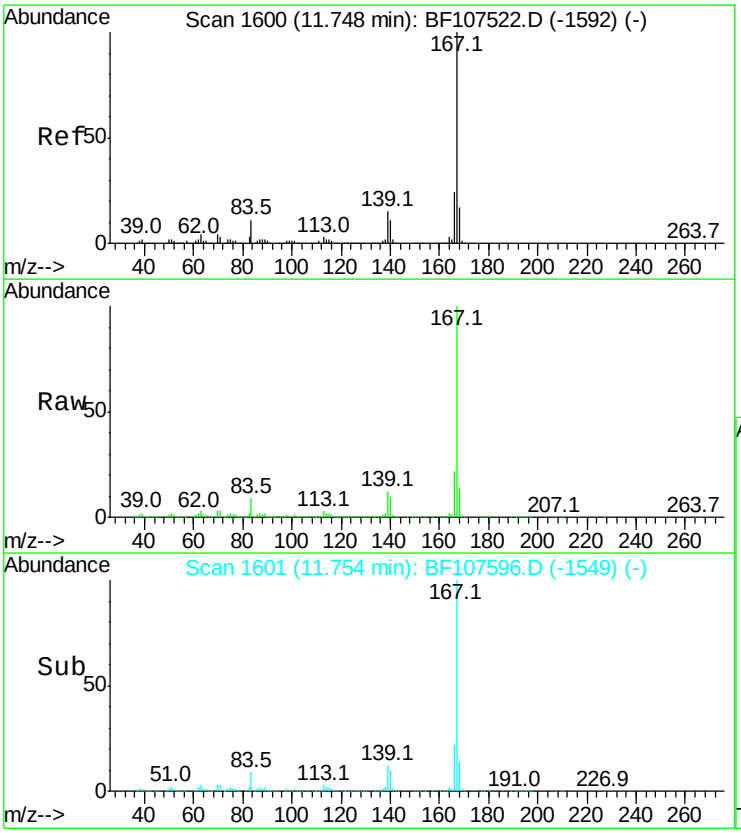

#71
Anthracene
Concen: 33.032 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:178 Resp: 1097305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.4 | 23.2 |
| 179 | 16.1 | 12.6 | 19.0 |

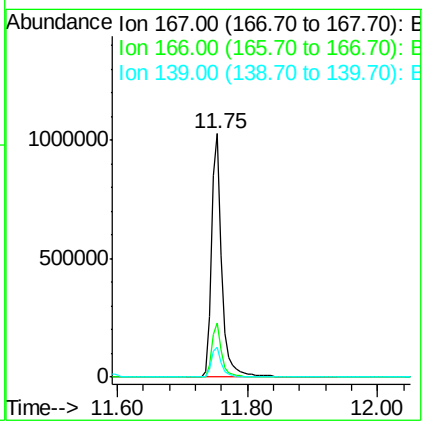


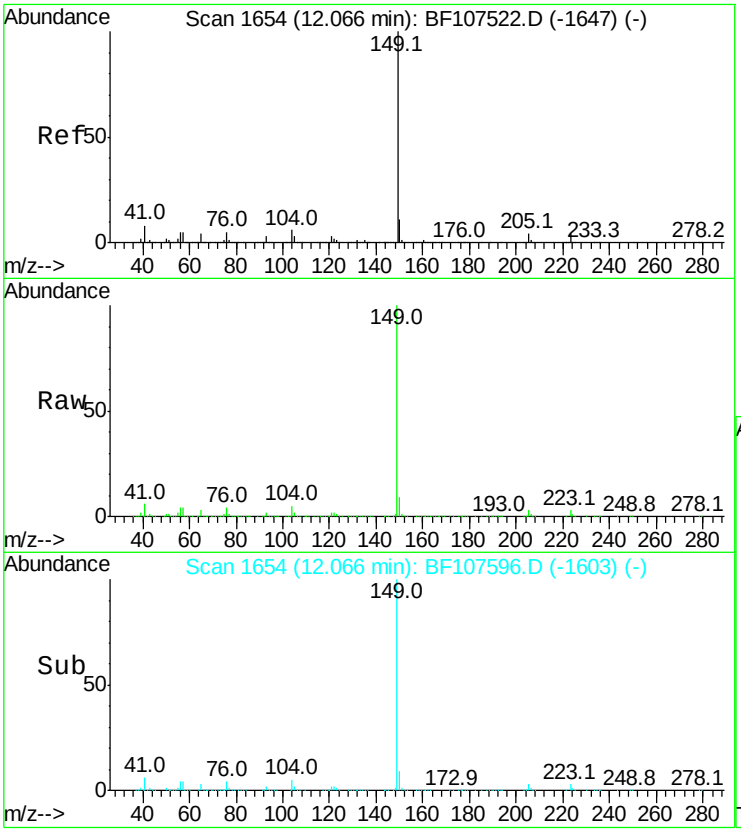




#72
Carbazole
Concen: 32.265 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:167 Resp: 1114568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 17.6 | 26.4 |
| 139 | 12.4 | 10.9 | 16.3 |



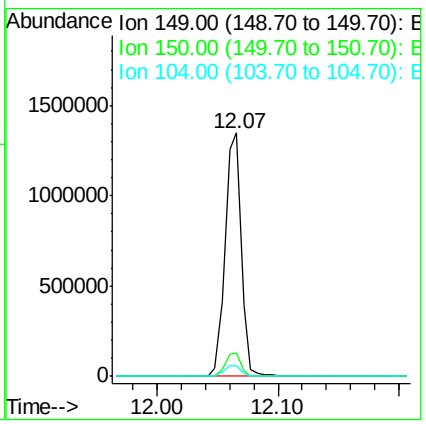


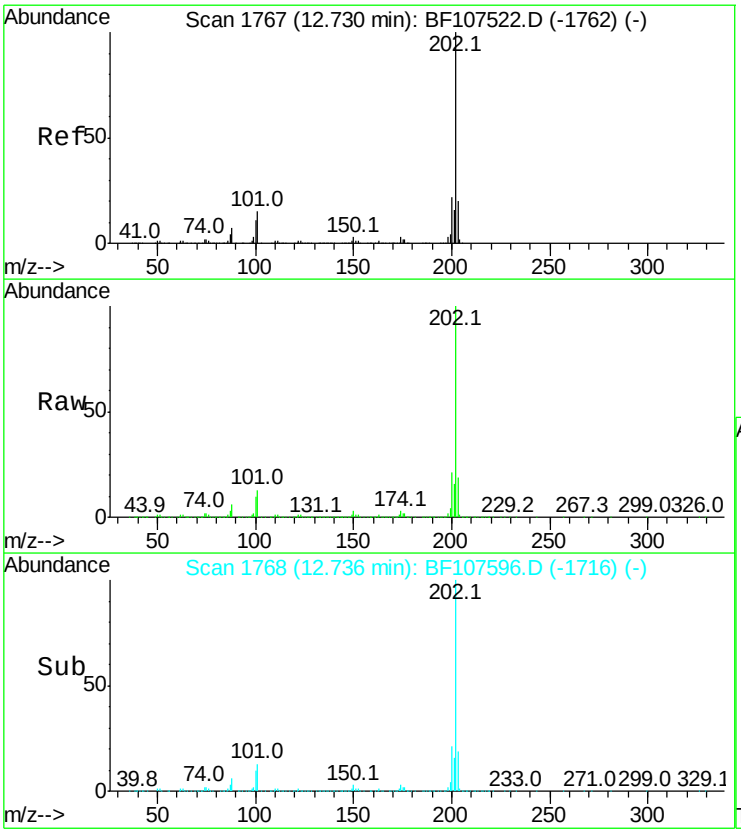

#73
Di-n-butylphthalate
Concen: 32.413 ng
RT: 12.07 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:149 Resp: 1252630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.6 | 3.8 | 5.8 |

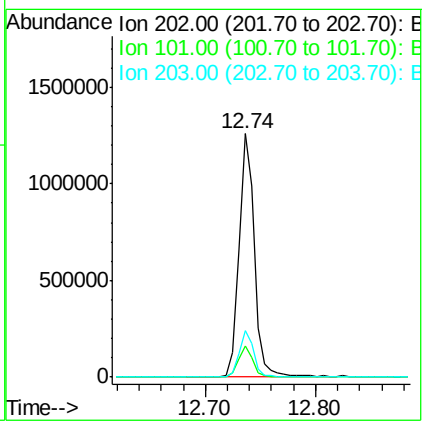


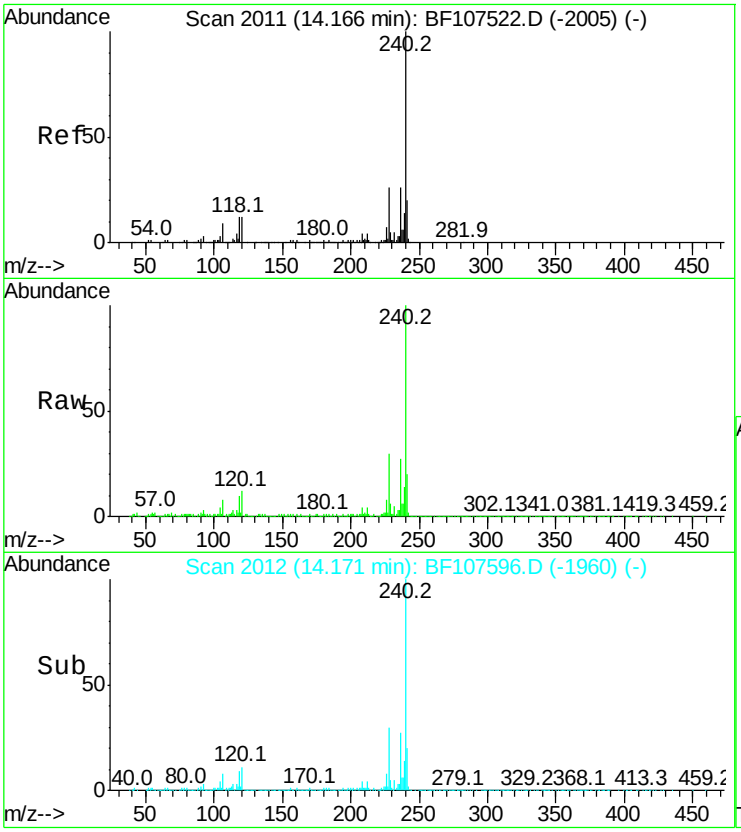




#74
Fluoranthene
Concen: 34.774 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:202 Resp: 1231153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 0.0 | 34.1 |
| 203 | 18.9 | 0.0 | 38.1 |



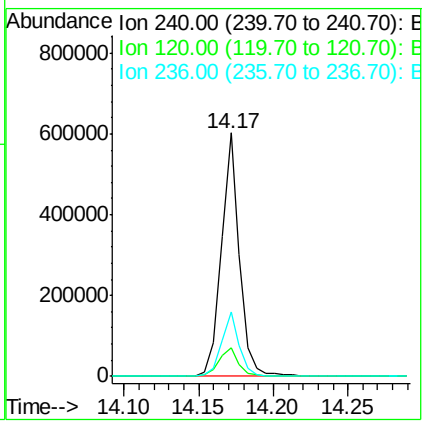


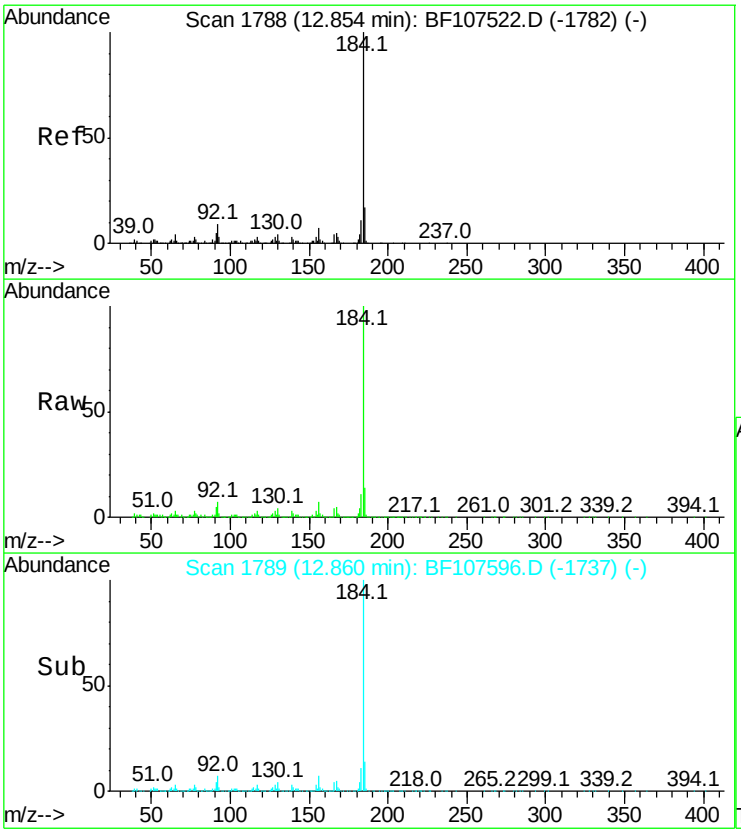

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:240 Resp: 513793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 9.5 | 14.3 |
| 236 | 26.7 | 20.7 | 31.1 |

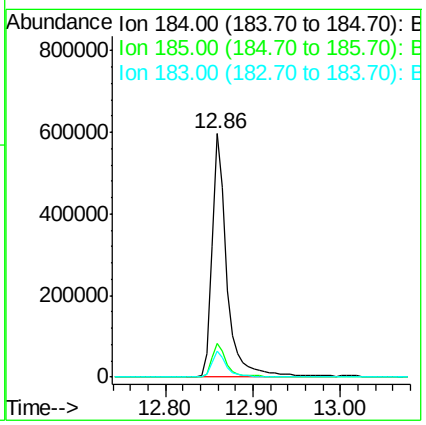


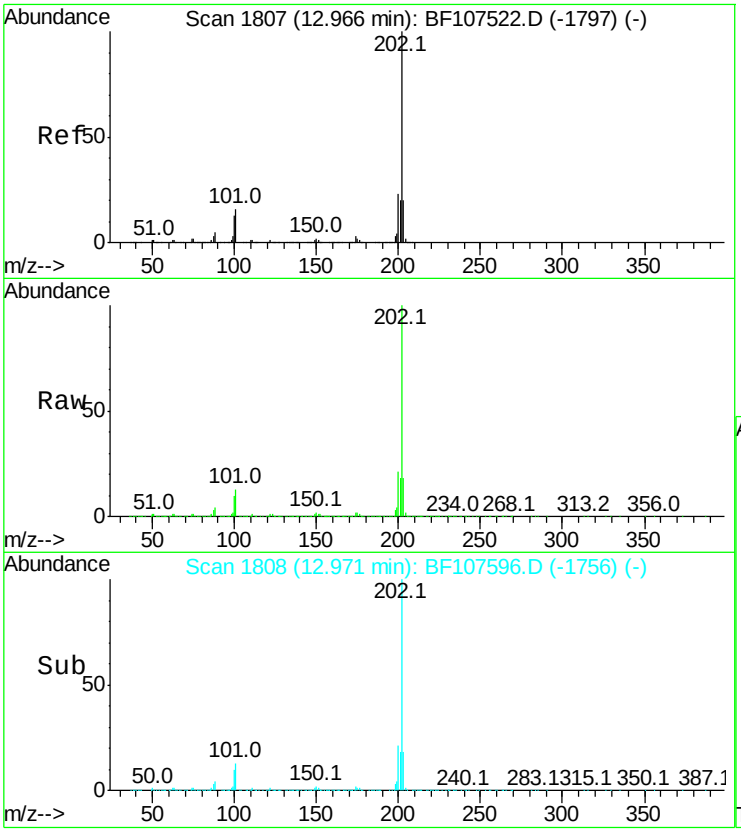




#76
Benzidine
Concen: 47.860 ng
RT: 12.86 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:184 Resp: 708148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 12.6 | 18.8 |
| 183 | 10.7 | 9.3 | 13.9 |



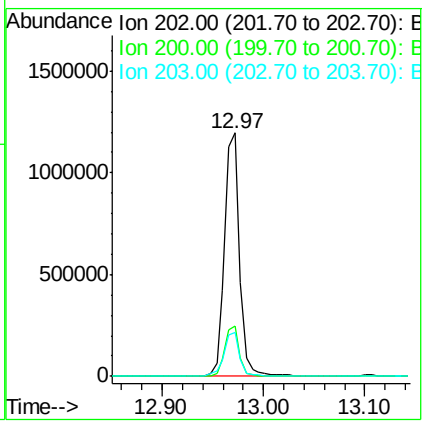


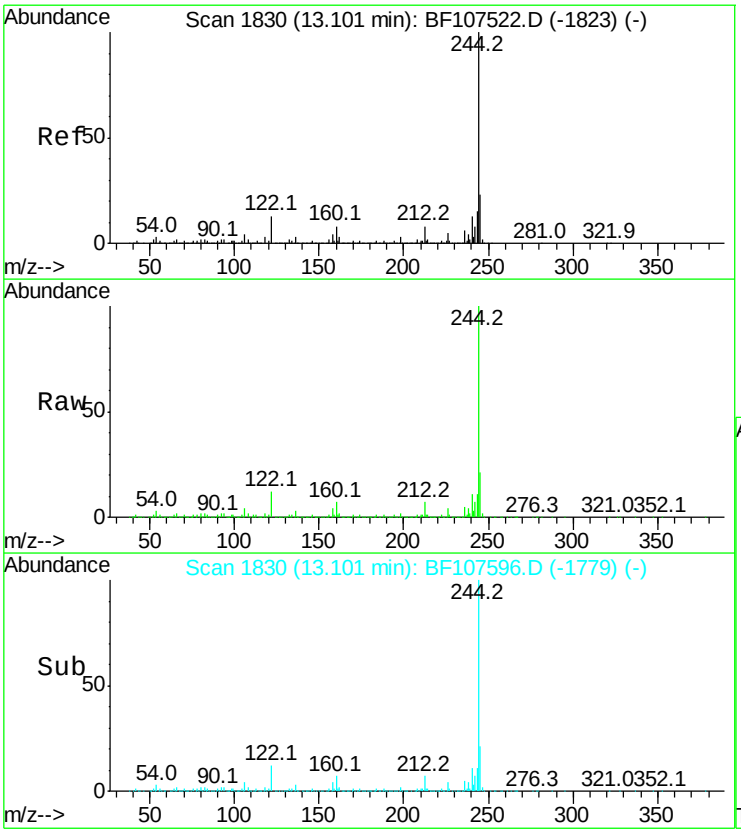

#77
Pyrene
Concen: 35.100 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:202 Resp: 1233562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.4 | 26.2 |
| 203 | 18.2 | 14.3 | 21.5 |

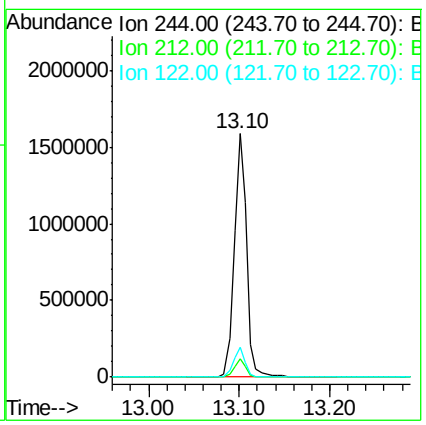


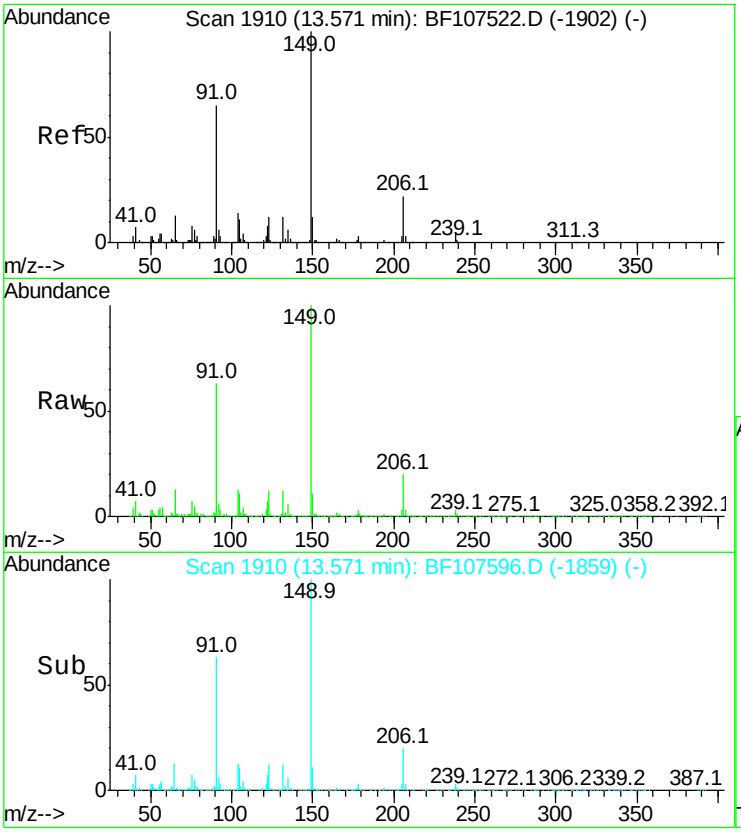




#78
Terphenyl-d14
Concen: 76.151 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:244 Resp: 1528304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.4 | 8.0 |
| 122 | 12.2 | 11.0 | 16.4 |



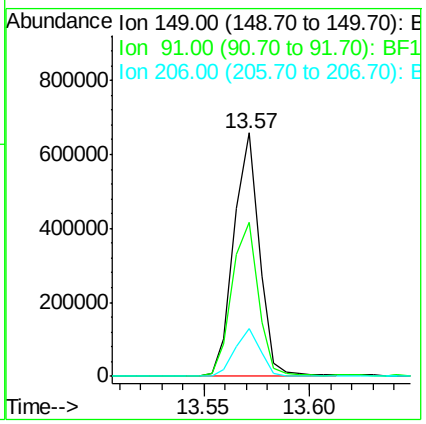


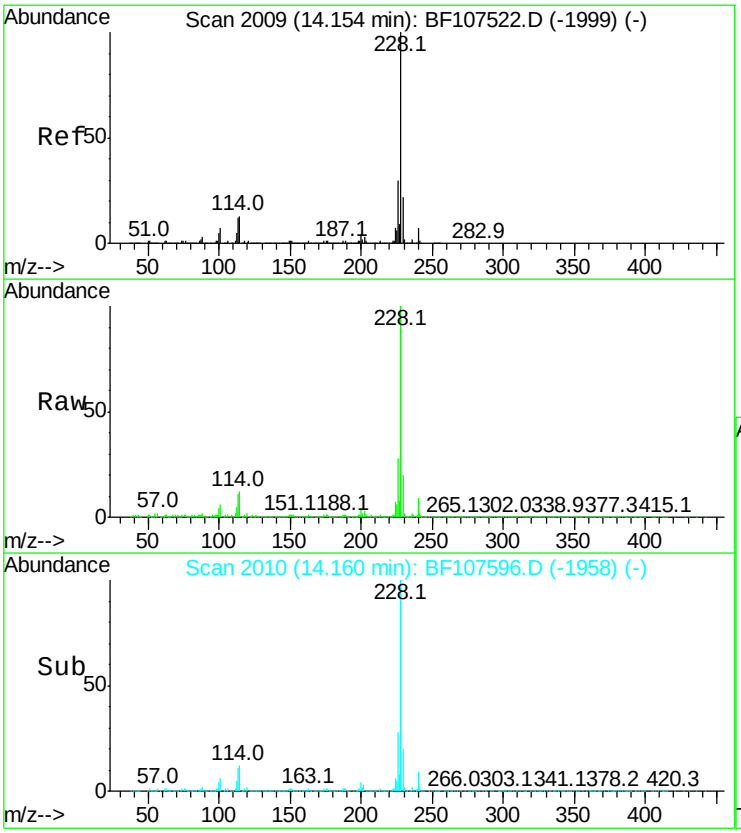

#79
Butylbenzylphthalate
Concen: 36.048 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :** BNA_F
**ClientSampleId :** TP-10MS

Tgt Ion:149 Resp: 544824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.2 | 56.8 | 85.2 |
| 206 | 19.7 | 14.1 | 21.1 |

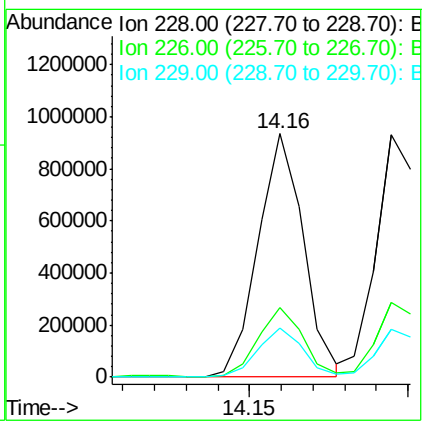


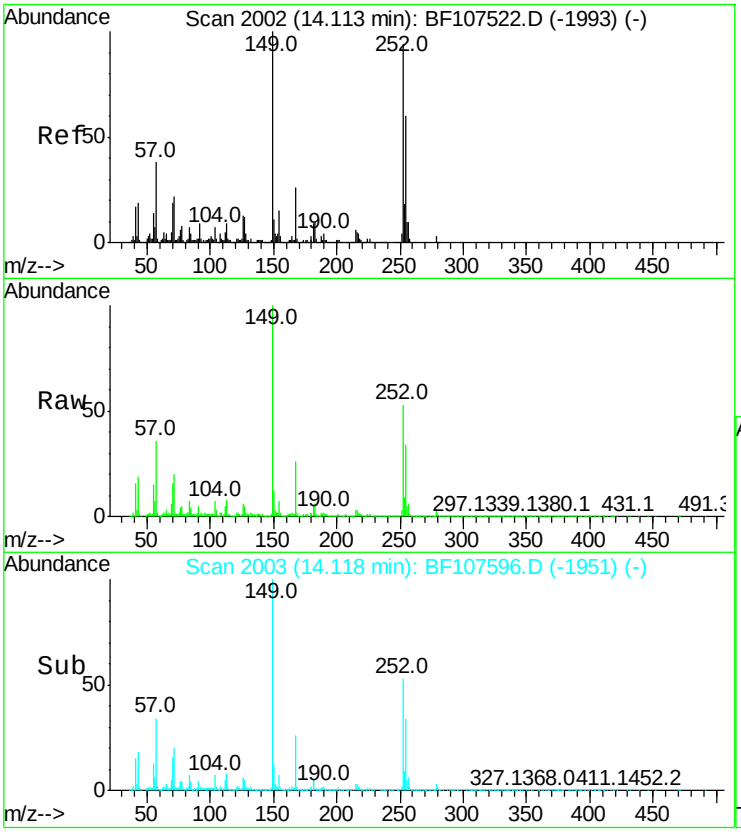




#80
Benzo(a)anthracene
Concen: 30.786 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:228 Resp: 926953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.5 | 22.6 | 33.8 |
| 229 | 20.1 | 15.8 | 23.6 |



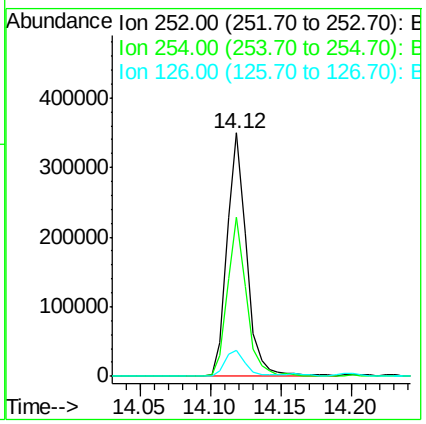


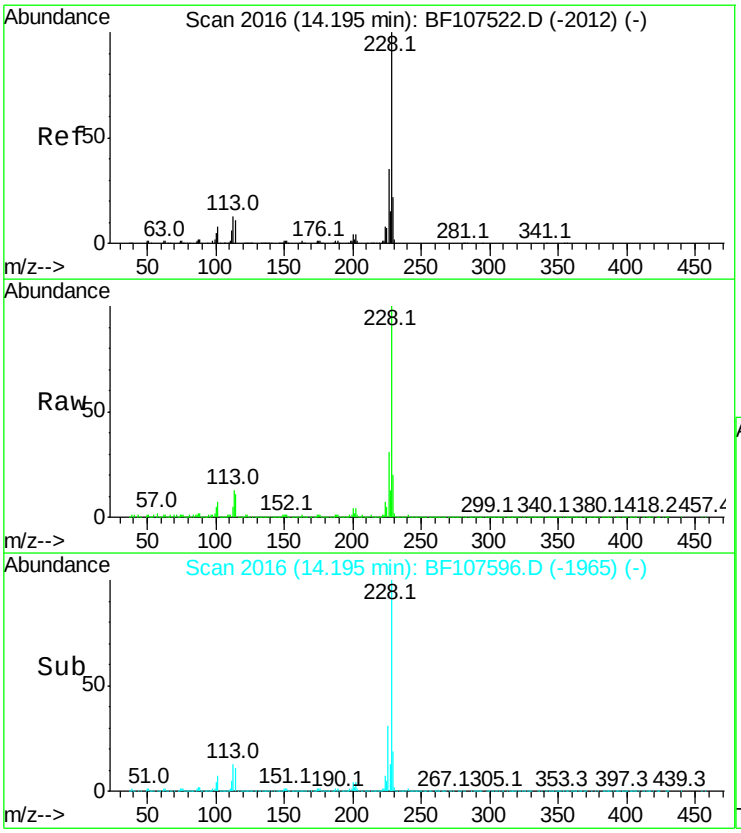

#81
3,3'-Dichlorobenzidine
Concen: 34.835 ng
RT: 14.12 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:252 Resp: 331344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 50.4 | 75.6 |
| 126 | 10.8 | 11.3 | 16.9# |

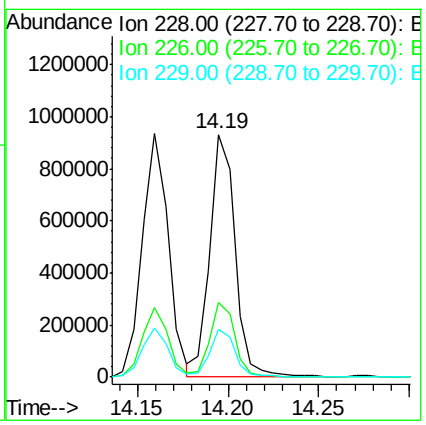


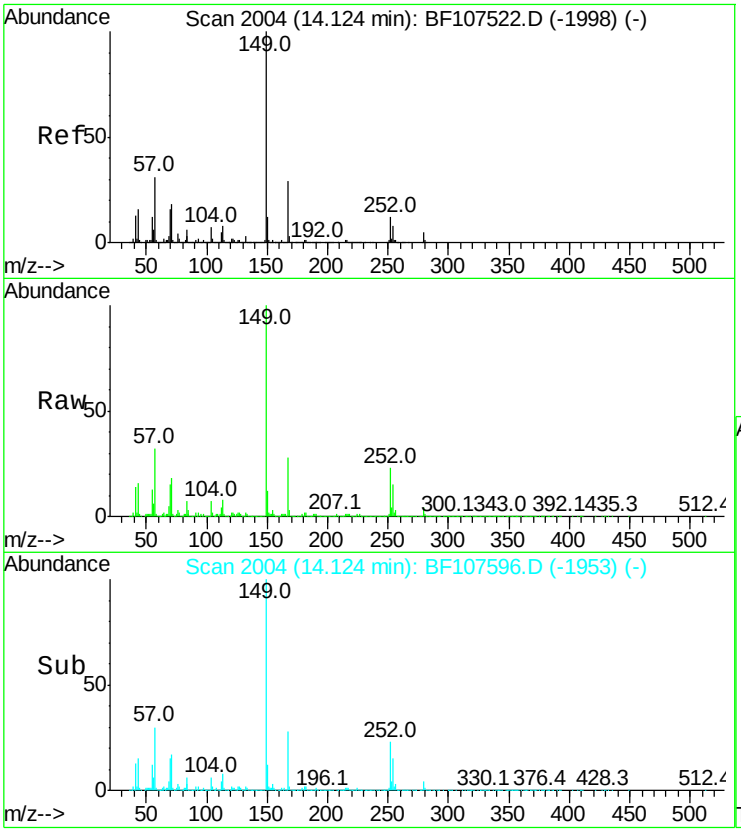




#82
Chrysene
Concen: 31.046 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:228 Resp: 897927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 25.0 | 37.6 |
| 229 | 19.6 | 16.2 | 24.4 |



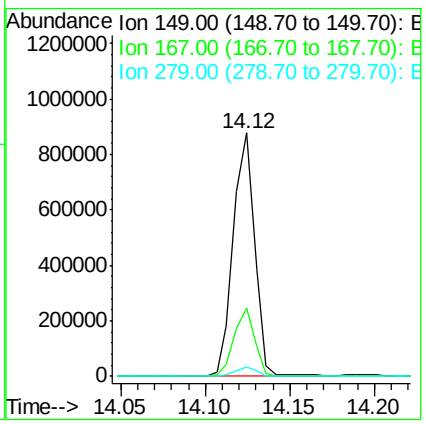


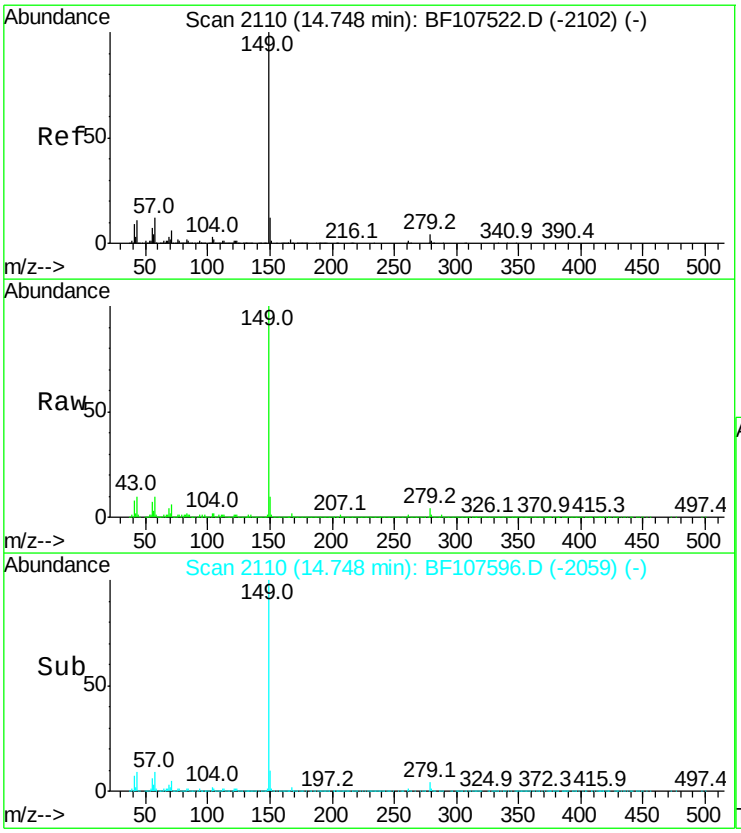

#83
Bis(2-ethylhexyl)phthalate
Concen: 36.120 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:149 Resp: 770280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.0 | 21.3 | 31.9 |
| 279 | 4.0 | 3.0 | 4.4 |

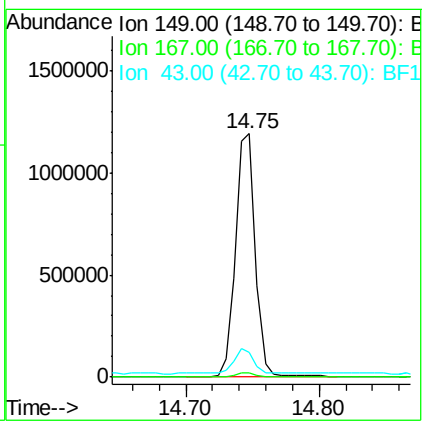


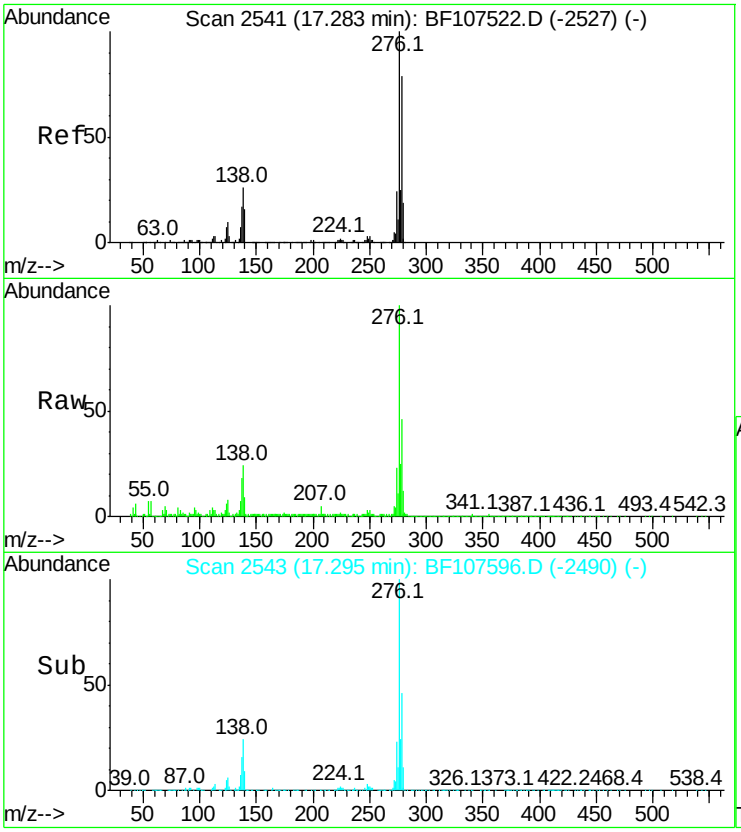




#84
Di-n-octyl phthalate
Concen: 36.745 ng
RT: 14.75 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:149 Resp: 1218018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.4 | 8.4 | 12.6 |



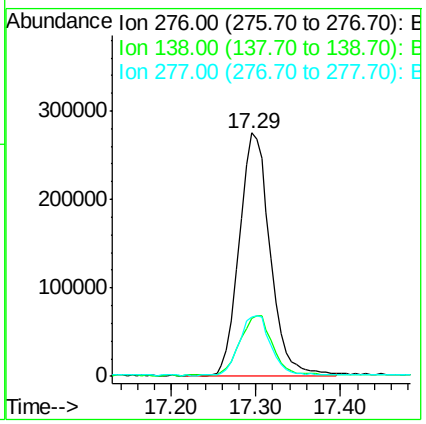


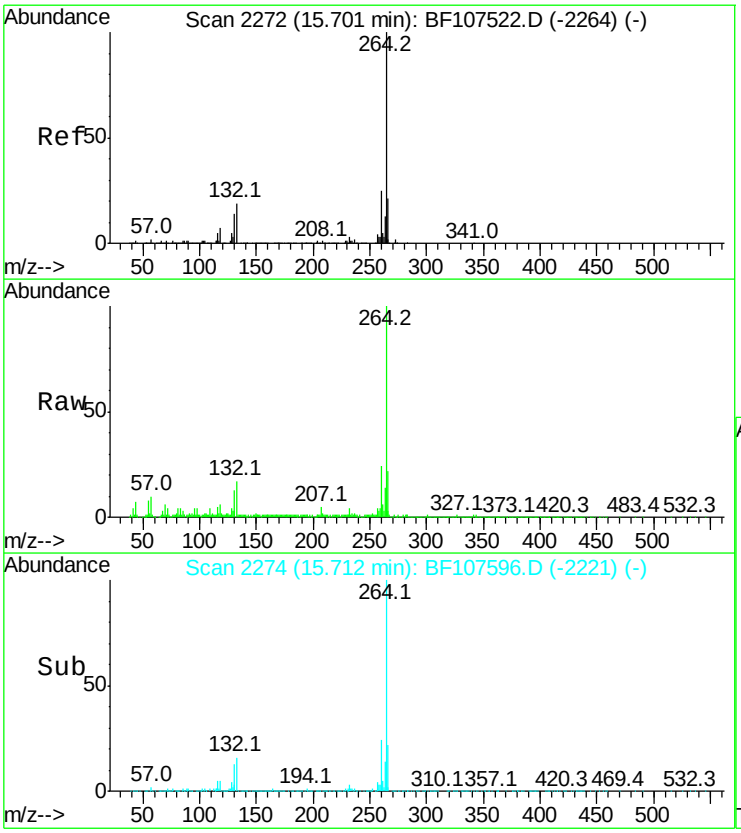

#85
Indeno(1,2,3-cd)pyrene
Concen: 28.376 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:276 Resp: 695573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.6 | 25.0 | 37.6 |
| 277 | 25.5 | 20.1 | 30.1 |

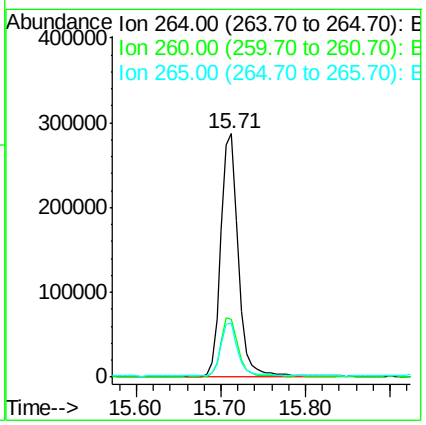


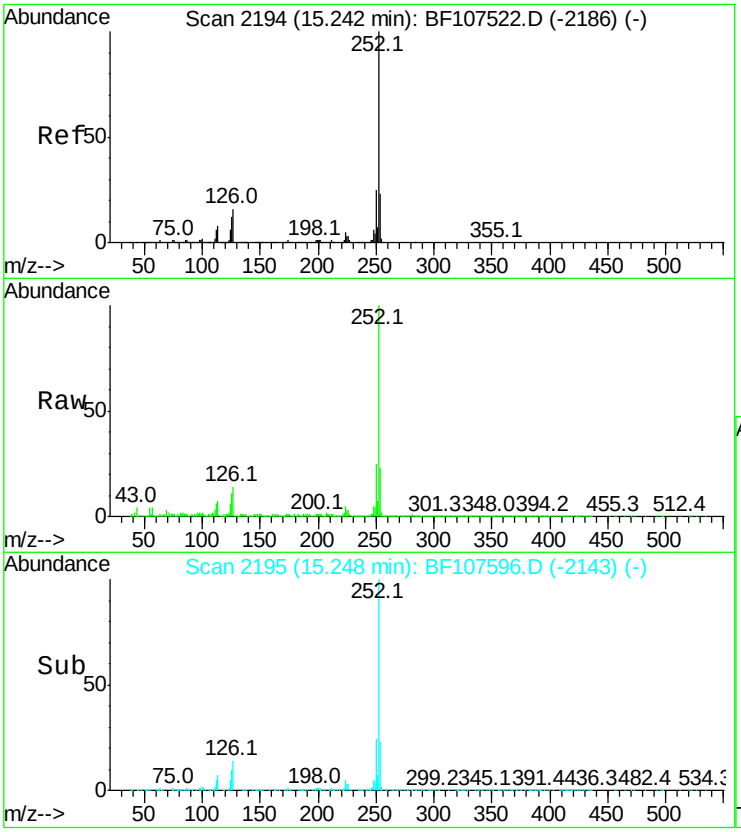




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:264 Resp: 407933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.2 | 28.8 |
| 265 | 22.2 | 17.5 | 26.3 |



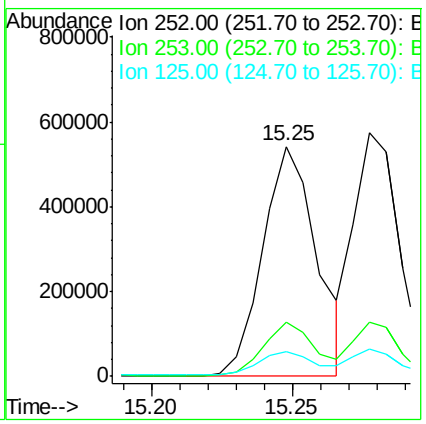


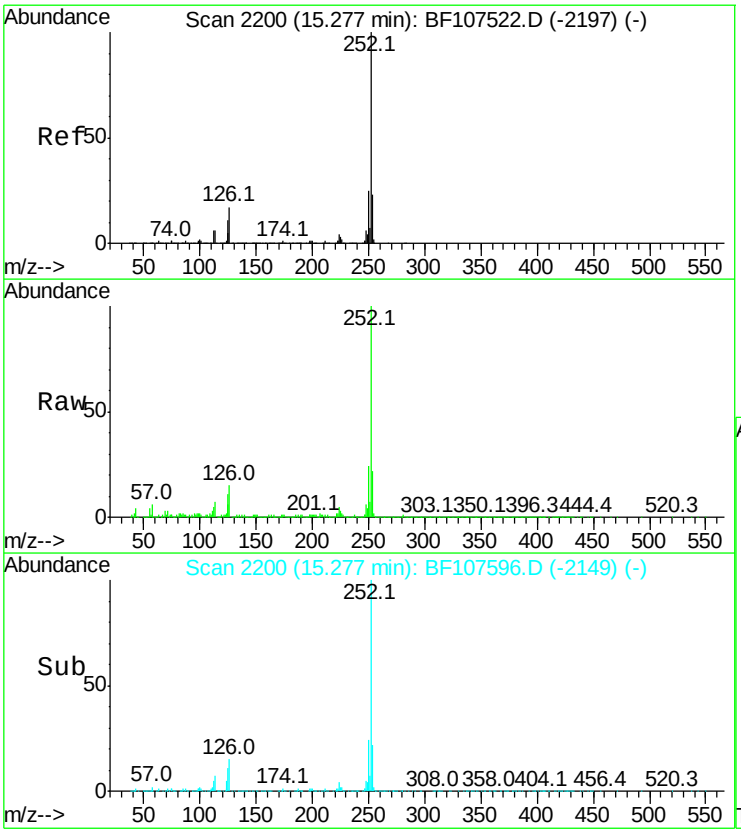

#87
Benzo(b)fluoranthene
Concen: 32.127 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:252 Resp: 717267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.0 | 25.6 |
| 125 | 11.0 | 9.0 | 13.6 |

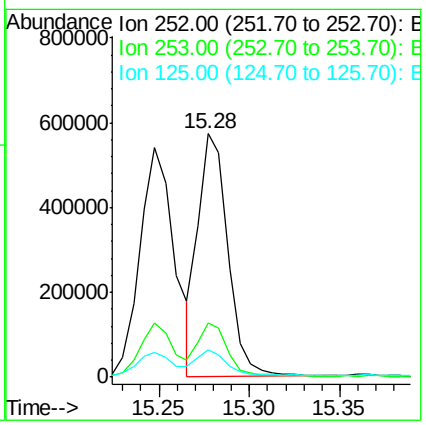


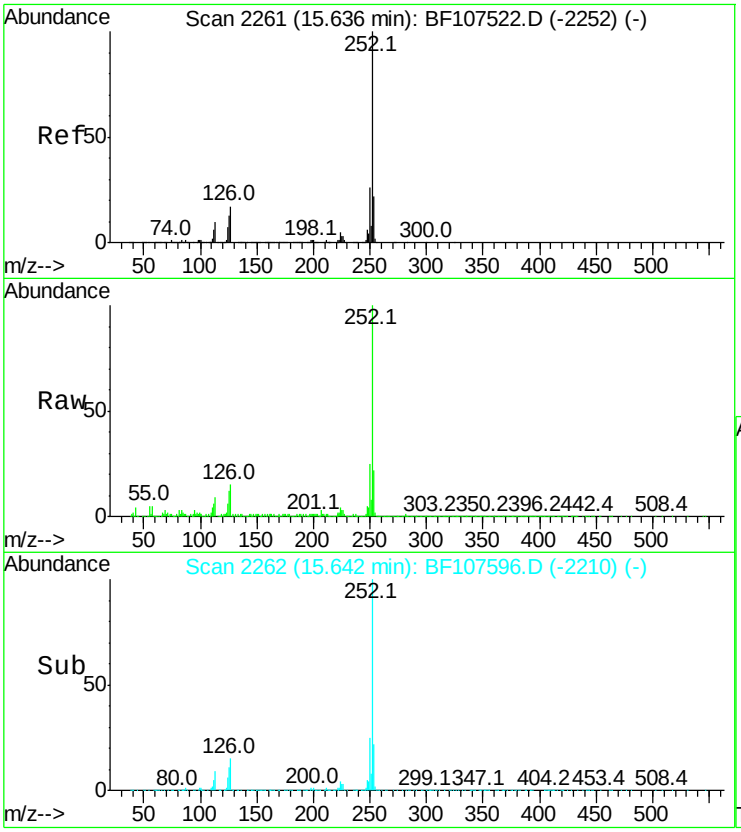




#88
Benzo(k)fluoranthene
Concen: 29.684 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:252 Resp: 649286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.9 | 26.9 |
| 125 | 11.3 | 10.2 | 15.2 |



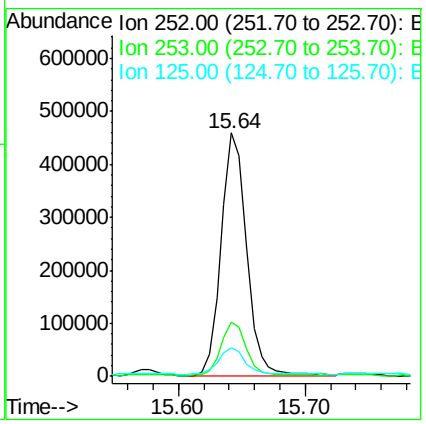


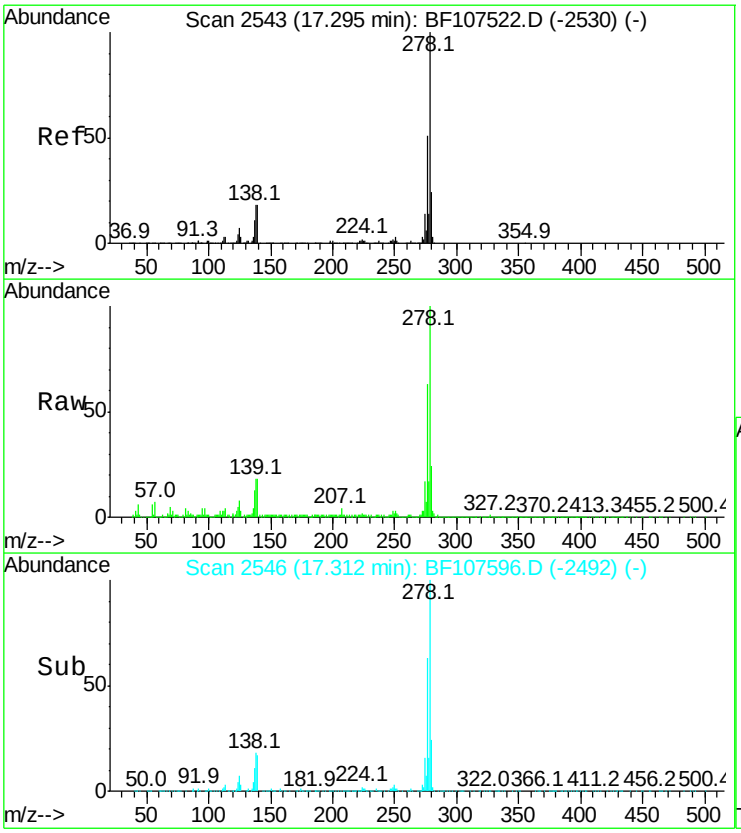

#89
Benzo(a)pyrene
Concen: 31.161 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:252 Resp: 636363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.1 | 25.7 |
| 125 | 11.5 | 9.8 | 14.6 |

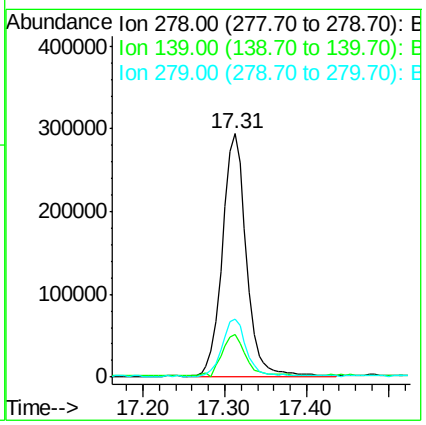


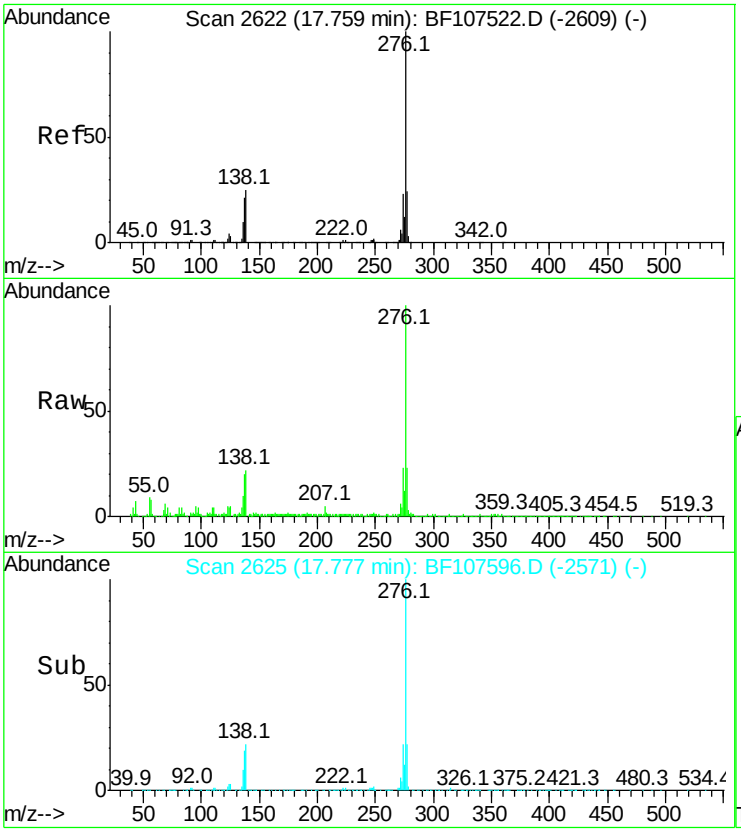




#90
Dibenzo(a,h)anthracene
Concen: 33.824 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

Tgt Ion:278 Resp: 597113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.6 | 15.9 | 23.9 |
| 279 | 23.9 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 33.110 ng
RT: 17.78 min Scan# 2625
Delta R.T. 0.02 min
Lab File: BF107596.D
Acq: 23 Jul 2018 18:52

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10MS

Tgt Ion:276 Resp: 576541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.6 | 17.9 | 26.9 |
| 138 | 22.2 | 21.8 | 32.8 |