Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111505.D
Acq On : 16 Dec 2018 13:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Dec 17 06:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 185355 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 676567 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 321533 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.31 | 188 | 579902 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.95 | 240 | 432968 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.38 | 264 | 307157 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 937504 | 84.17 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 1203227 | 81.21 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 972437 | 85.59 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 238769 | 82.90 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 1776278 | 85.33 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1576341 | 85.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.49 | 88 | 207179 | 38.511 | ng | | 98 |
| 3) Pyridine | 3.21 | 79 | 528959 | 39.149 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.16 | 42 | 240536 | 39.193 | ng | | 91 |
| 6) Aniline | 6.45 | 93 | 752407 | 40.939 | ng | # | 84 |
| 8) 2-Chlorophenol | 6.58 | 128 | 556751 | 41.833 | ng | | 93 |
| 9) Benzaldehyde | 6.33 | 77 | 330424 | 36.768 | ng | | 97 |
| 10) Phenol | 6.45 | 94 | 672112 | 40.721 | ng | | 80 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 515126 | 39.813 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 602005 | 41.091 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.80 | 146 | 595201 | 40.026 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 544430 | 38.917 | ng | | 97 |
| 15) Benzyl Alcohol | 6.93 | 79 | 456820 | 40.521 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 1016116 | 40.222 | ng | | 100 |
| 17) 2-Methylphenol | 7.05 | 107 | 443173 | 41.375 | ng | | 98 |
| 18) Hexachloroethane | 7.30 | 117 | 219128 | 39.596 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 377715 | 38.640 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 543884 | 40.480 | ng | | 93 |
| 22) Acetophenone | 7.20 | 105 | 738995 | 48.930 | ng | # | 93 |
| 24) Nitrobenzene | 7.37 | 77 | 485221 | 41.865 | ng | | 92 |
| 25) Isophorone | 7.61 | 82 | 782528 | 40.706 | ng | | 99 |
| 26) 2-Nitrophenol | 7.69 | 139 | 247999 | 41.260 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 366863 | 42.102 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93 | 544538 | 41.032 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 392704 | 42.218 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 399407 | 41.017 | ng | | 99 |
| 31) Naphthalene | 8.09 | 128 | 1292563 | 40.846 | ng | | 97 |
| 32) Benzoic acid | 7.86 | 122 | 291930 | 38.769 | ng | | 97 |
| 33) 4-Chloroaniline | 8.15 | 127 | 576599 | 40.976 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 229704 | 42.817 | ng | | 95 |
| 35) Caprolactam | 8.52 | 113 | 139121 | 40.283 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 421992 | 41.215 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 850426 | 39.715 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 821682 | 39.720 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 365146 | 41.410 | ng | | 98 |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111505.D
Acq On : 16 Dec 2018 13:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Dec 17 06:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.95 | 237 | 186034 | 41.093 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 263957 | 42.295 ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.11 | 196 | 274944 | 41.401 ng | | 95 |
| 46) 1,1'-Biphenyl | 9.25 | 154 | 1132698 | 41.576 ng | | 94 |
| 47) 2-Chloronaphthalene | 9.27 | 162 | 865440 | 41.791 ng | | 96 |
| 48) 2-Nitroaniline | 9.37 | 65 | 277035 | 41.201 ng | | 96 |
| 49) Acenaphthylene | 9.69 | 152 | 1285386 | 41.816 ng | | 95 |
| 50) Dimethylphthalate | 9.55 | 163 | 954313 | 41.212 ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.61 | 165 | 215330 | 41.312 ng | # | 87 |
| 52) Acenaphthene | 9.86 | 154 | 810577 | 41.721 ng | | 98 |
| 53) 3-Nitroaniline | 9.78 | 138 | 259976 | 41.064 ng | | 95 |
| 54) 2,4-Dinitrophenol | 9.89 | 184 | 74576 | 37.608 ng | | 87 |
| 55) Dibenzofuran | 10.03 | 168 | 1171488 | 41.541 ng | | 97 |
| 56) 4-Nitrophenol | 9.95 | 139 | 186237 | 42.507 ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.02 | 165 | 286051 | 41.813 ng | | 94 |
| 58) Fluorene | 10.37 | 166 | 863508 | 42.215 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 213543 | 41.155 ng | | 99 |
| 60) Diethylphthalate | 10.25 | 149 | 974665 | 41.553 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204 | 423081 | 42.275 ng | | 98 |
| 62) 4-Nitroaniline | 10.39 | 138 | 255084 | 40.701 ng | | 99 |
| 63) Azobenzene | 10.53 | 77 | 934215 | 40.400 ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 125844 | 38.440 ng | | 83 |
| 66) n-Nitrosodiphenylamine | 10.49 | 169 | 822455 | 41.127 ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.86 | 248 | 255389 | 40.861 ng | | 100 |
| 68) Hexachlorobenzene | 10.93 | 284 | 263518 | 40.988 ng | | 95 |
| 69) Atrazine | 11.02 | 200 | 236612 | 40.941 ng | | 98 |
| 70) Pentachlorophenol | 11.12 | 266 | 168813 | 42.809 ng | | 97 |
| 71) Phenanthrene | 11.33 | 178 | 1244147 | 41.636 ng | | 94 |
| 72) Anthracene | 11.39 | 178 | 1259434 | 41.213 ng | | 95 |
| 73) Carbazole | 11.54 | 167 | 1306255 | 41.336 ng | | 96 |
| 74) Di-n-butylphthalate | 11.87 | 149 | 1502307 | 42.687 ng | | 96 |
| 75) Fluoranthene | 12.52 | 202 | 1232574 | 42.164 ng | | 97 |
| 77) Benzidine | 12.64 | 184 | 765871 | 48.120 ng | | 97 |
| 78) Pyrene | 12.75 | 202 | 1273374 | 41.715 ng | | 96 |
| 80) Butylbenzylphthalate | 13.37 | 149 | 618223 | 41.550 ng | | 94 |
| 81) Benzo(a)anthracene | 13.94 | 228 | 972733 | 41.319 ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.90 | 252 | 388869 | 40.632 ng | | 97 |
| 83) Chrysene | 13.97 | 228 | 1008218 | 40.653 ng | | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149 | 817090 | 42.995 ng | | 99 |
| 85) Di-n-octyl phthalate | 14.54 | 149 | 1293772 | 40.360 ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.80 | 276 | 586474 | 32.766 ng | | 94 |
| 88) Benzo(b)fluoranthene | 14.97 | 252 | 802983 | 44.840 ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.00 | 252 | 705150 | 41.210 ng | | 98 |
| 90) Benzo(a)pyrene | 15.32 | 252 | 665997 | 41.242 ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 16.82 | 278 | 490486 | 38.504 ng | | 95 |
| 92) Benzo(g,h,i)perylene | 17.22 | 276 | 486723 | 38.926 ng | | 94 |

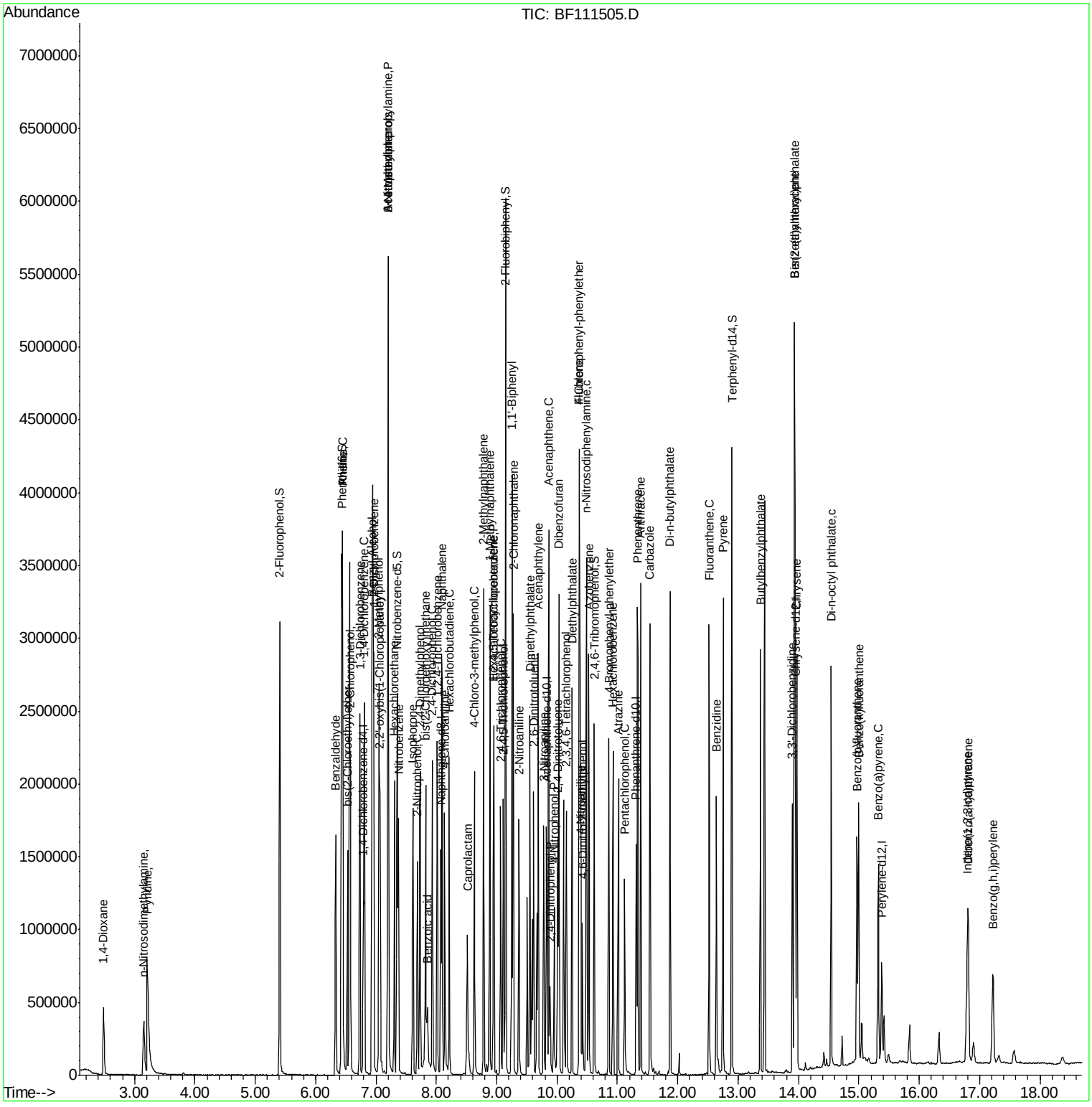
(#) = qualifier out of range (m) = manual integration (+) = signals summed

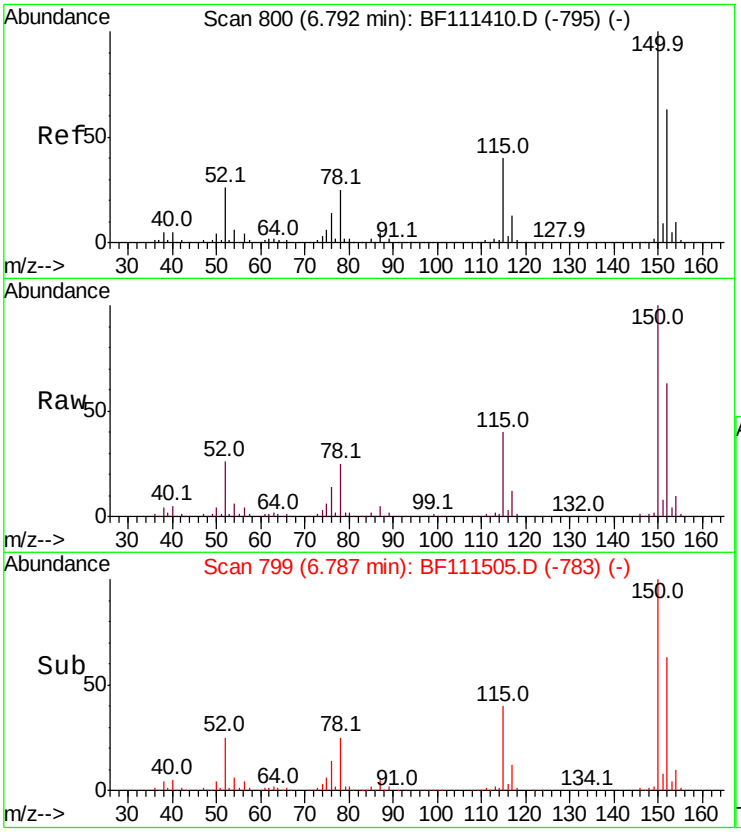
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111505.D
Acq On : 16 Dec 2018 13:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Dec 17 06:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



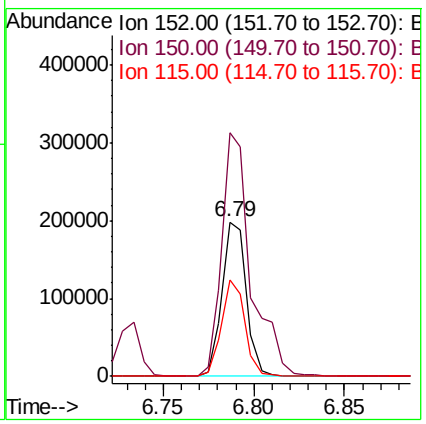


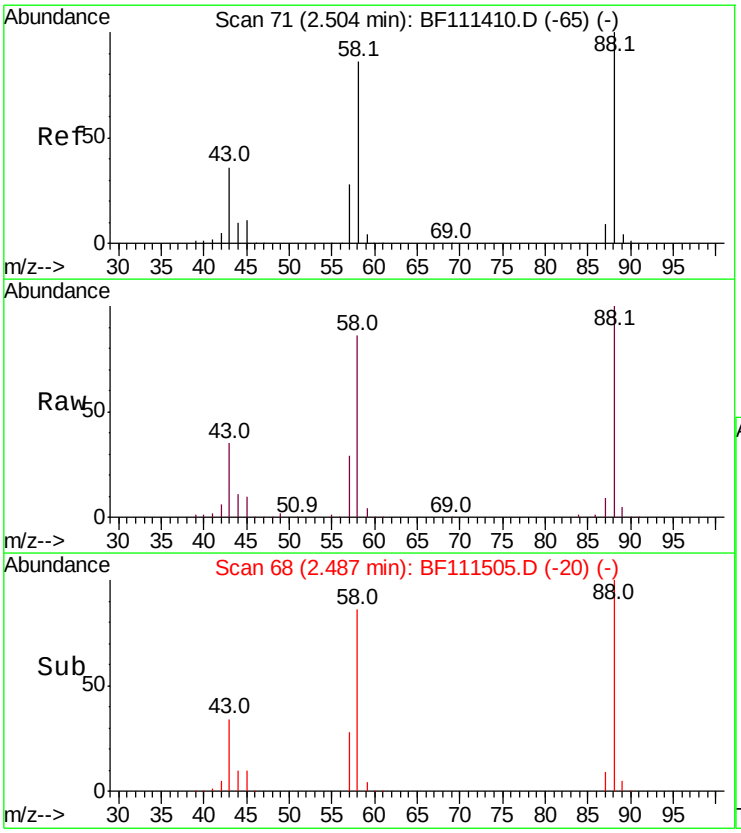

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 185355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 126.6 | 189.8 |
| 115 | 62.4 | 50.7 | 76.1 |

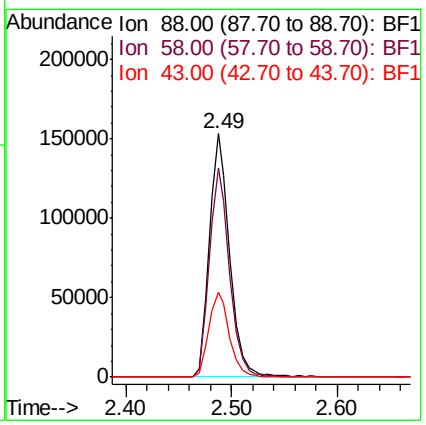


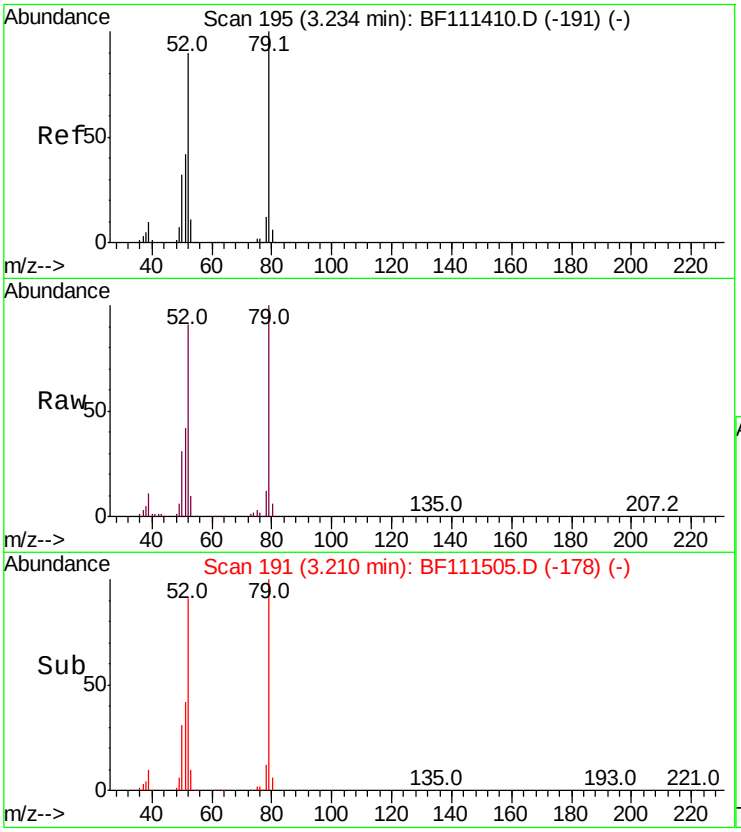




#2
1,4-Dioxane
Concen: 38.511 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 88 Resp: 207179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.0 | 68.9 | 103.3 |
| 43 | 35.2 | 25.8 | 38.6 |



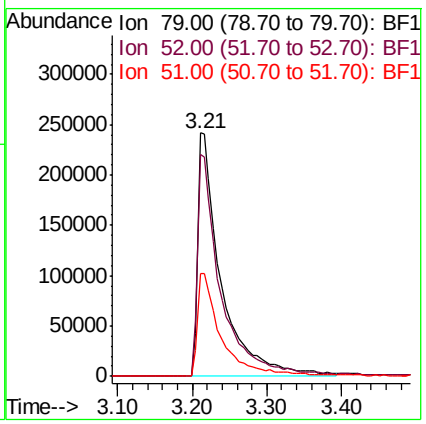


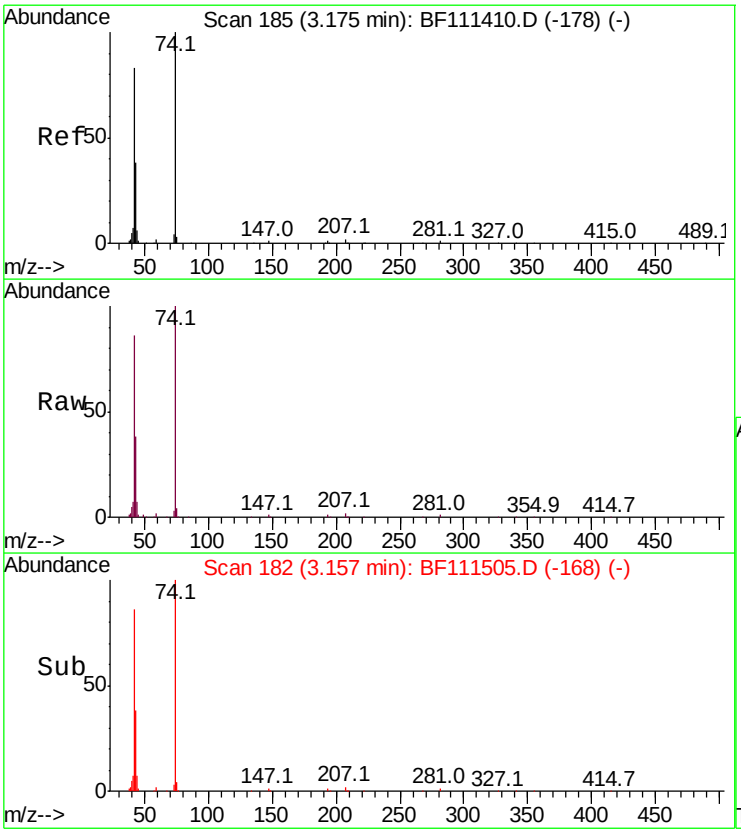

#3
Pyridine
Concen: 39.149 ng
RT: 3.21 min Scan# 191
Delta R.T. -0.02 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 528959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 91.2 | 68.3 | 102.5 |
| 51 | 42.3 | 32.6 | 49.0 |

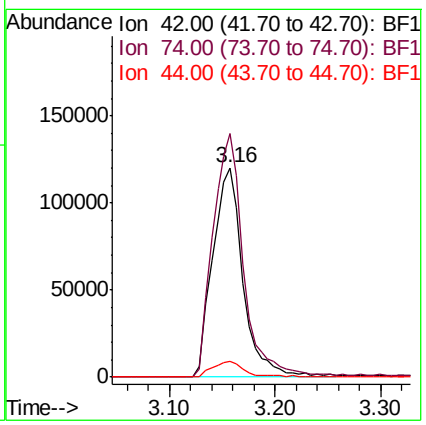


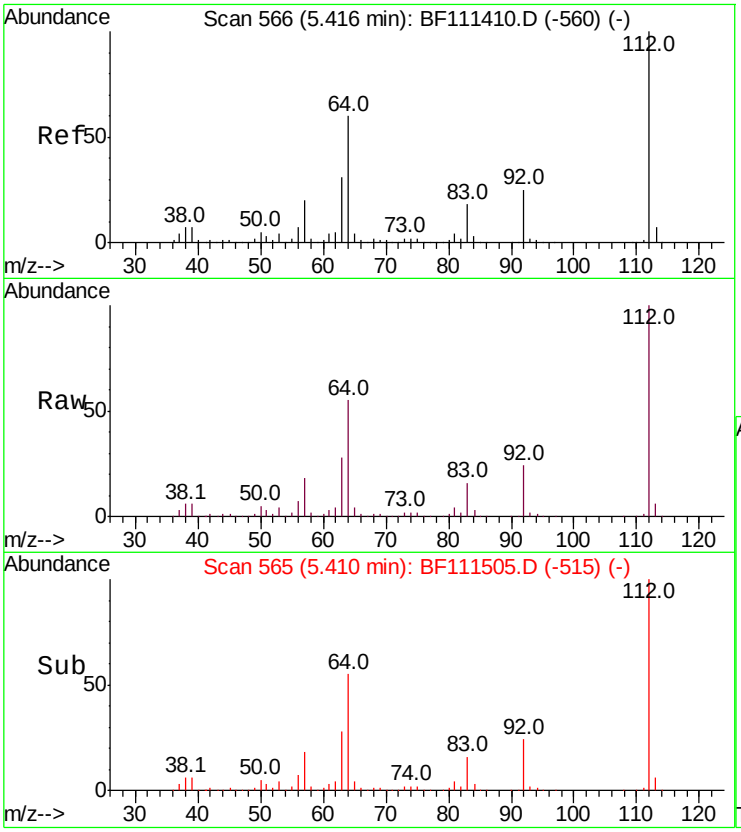




#4
n-Nitrosodimethylamine
Concen: 39.193 ng
RT: 3.16 min Scan# 182
Delta R.T. -0.02 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 42 Resp: 240536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.4 | 101.5 | 152.3 |
| 44 | 7.7 | 6.0 | 9.0 |



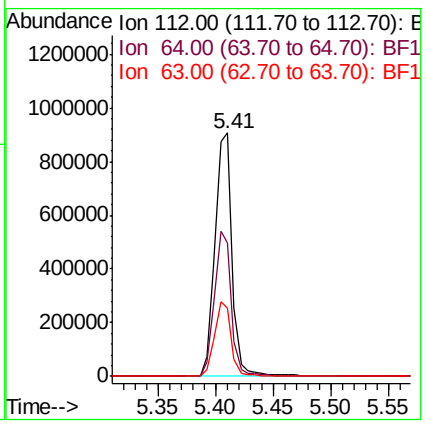


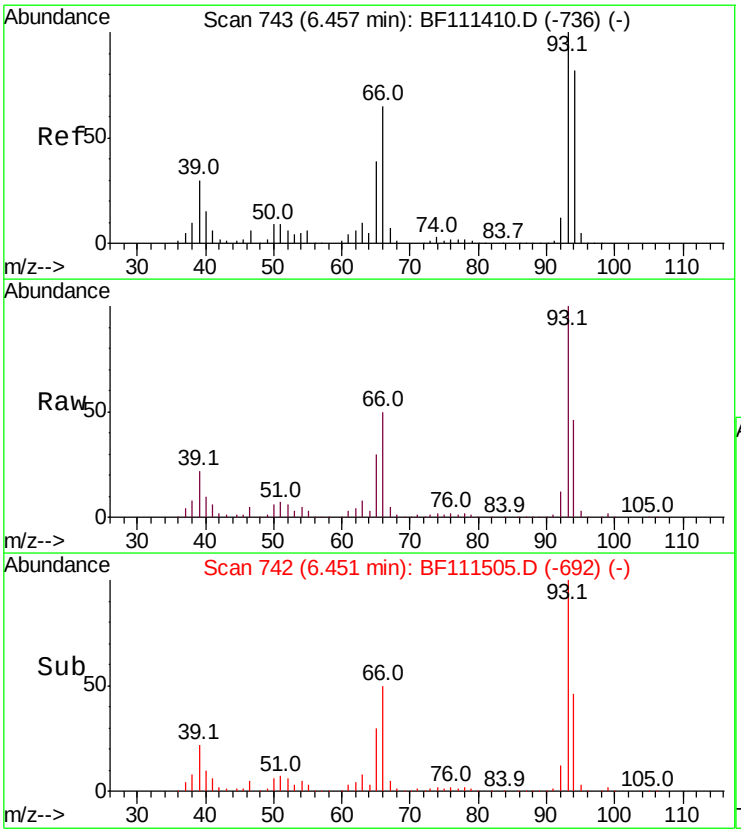

#5
2-Fluorophenol
Concen: 84.166 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 937504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.6 | 51.8 | 77.6 |
| 63 | 28.0 | 26.8 | 40.2 |

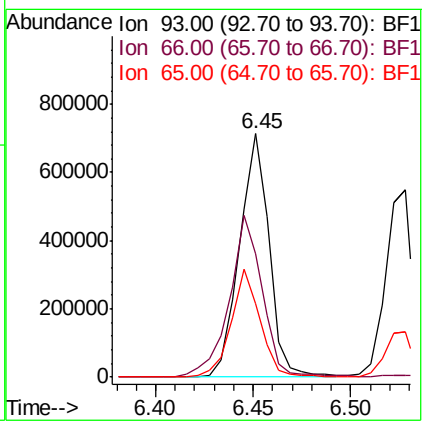


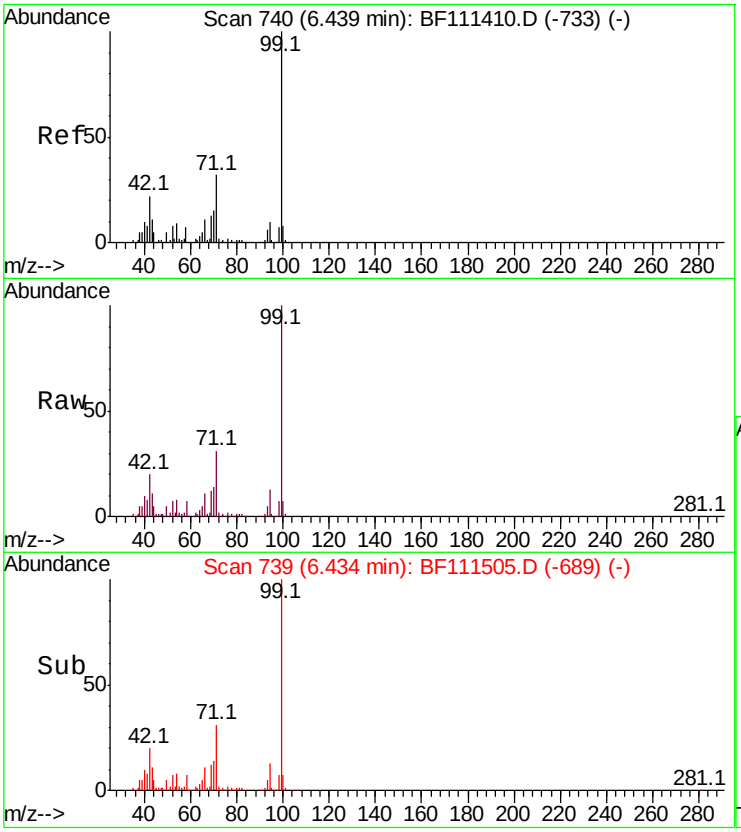




#6
Aniline
Concen: 40.939 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 93 Resp: 752407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 50.5 | 33.2 | 49.8# |
| 65 | 30.1 | 17.0 | 25.4# |



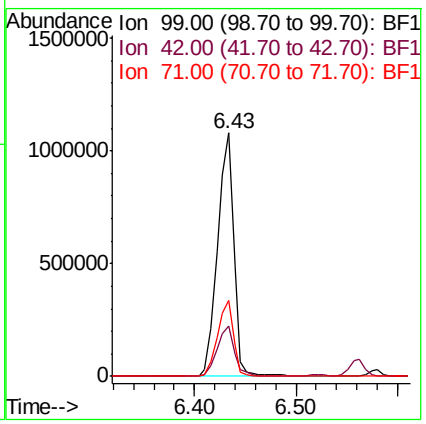


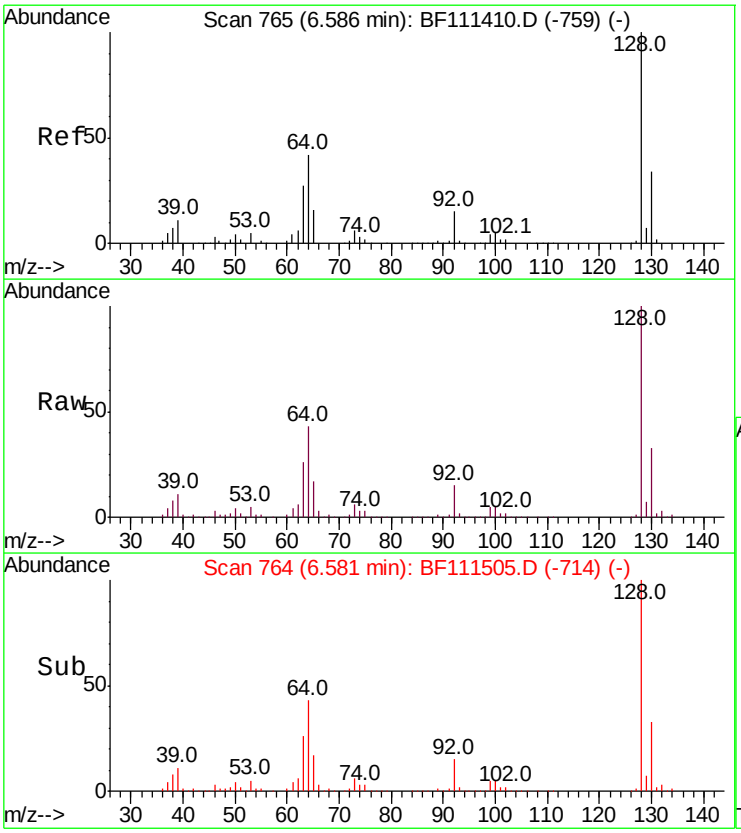

#7
Phenol-d6
Concen: 81.209 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 1203227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.5 | 17.4 | 26.0 |
| 71 | 31.4 | 26.1 | 39.1 |

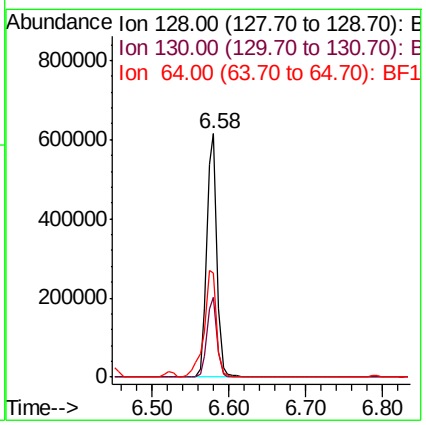


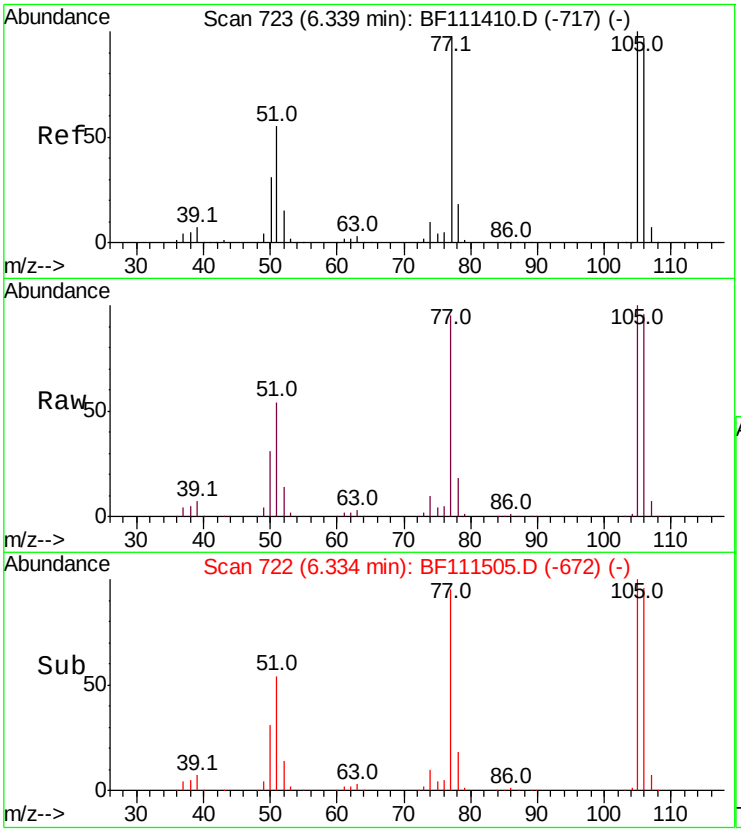




#8
2-Chlorophenol
Concen: 41.833 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:128 Resp: 556751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.7 | 52.7 |
| 64 | 42.5 | 30.0 | 70.0 |



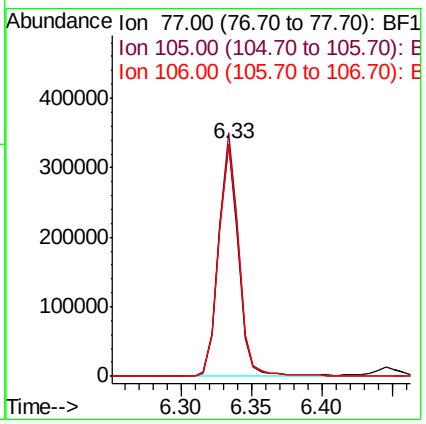


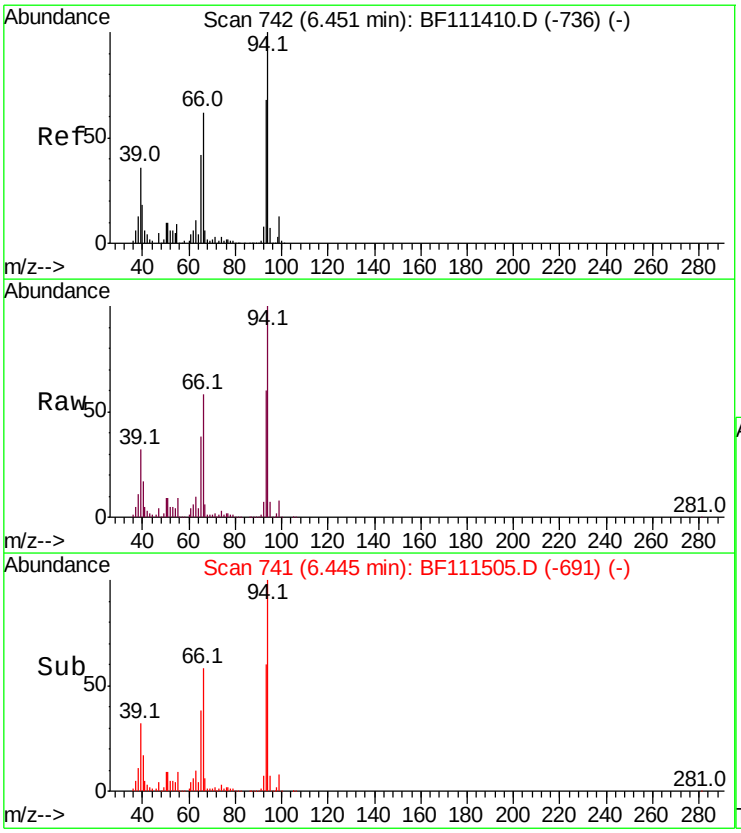

#9
Benzaldehyde
Concen: 36.768 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 330424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.7 | 81.4 | 121.4 |
| 106 | 100.1 | 77.9 | 117.9 |

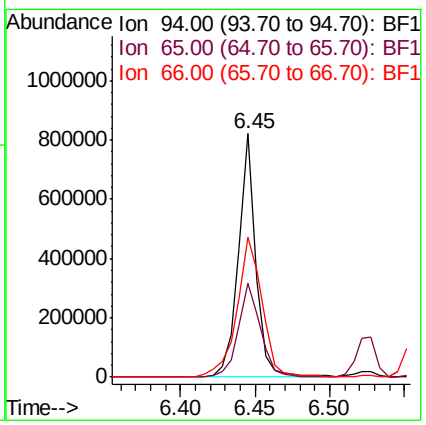


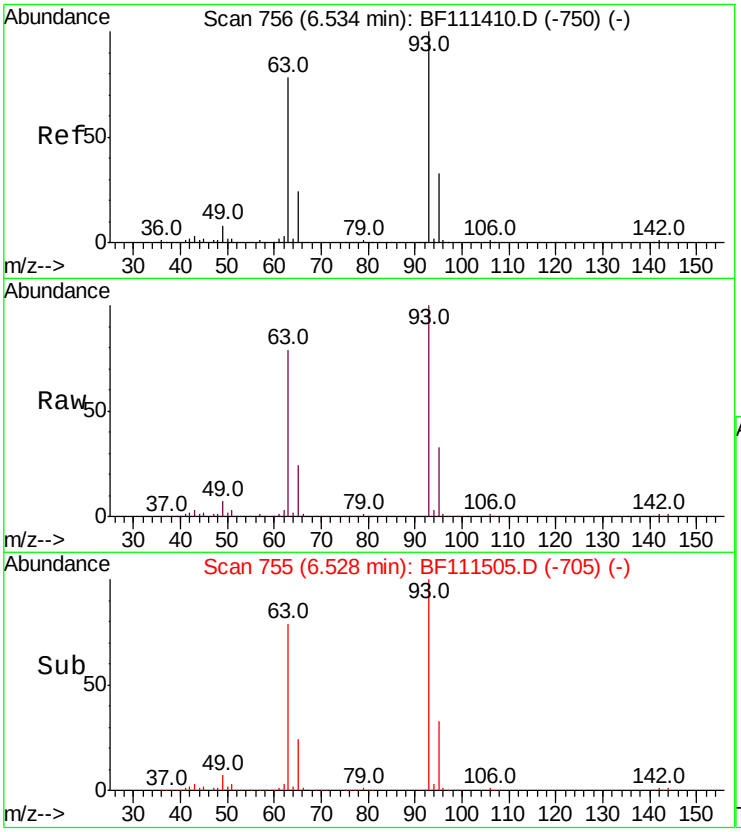




#10
Phenol
Concen: 40.721 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 94 Resp: 672112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.5 | 11.7 | 51.7 |
| 66 | 57.6 | 21.0 | 61.0 |



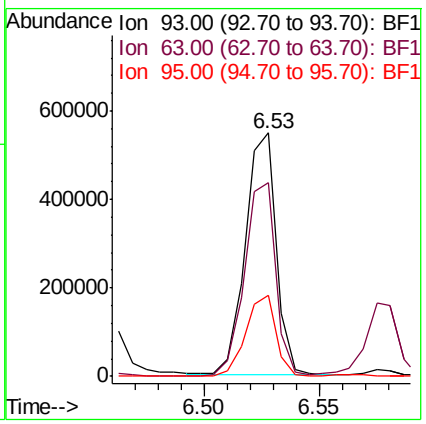


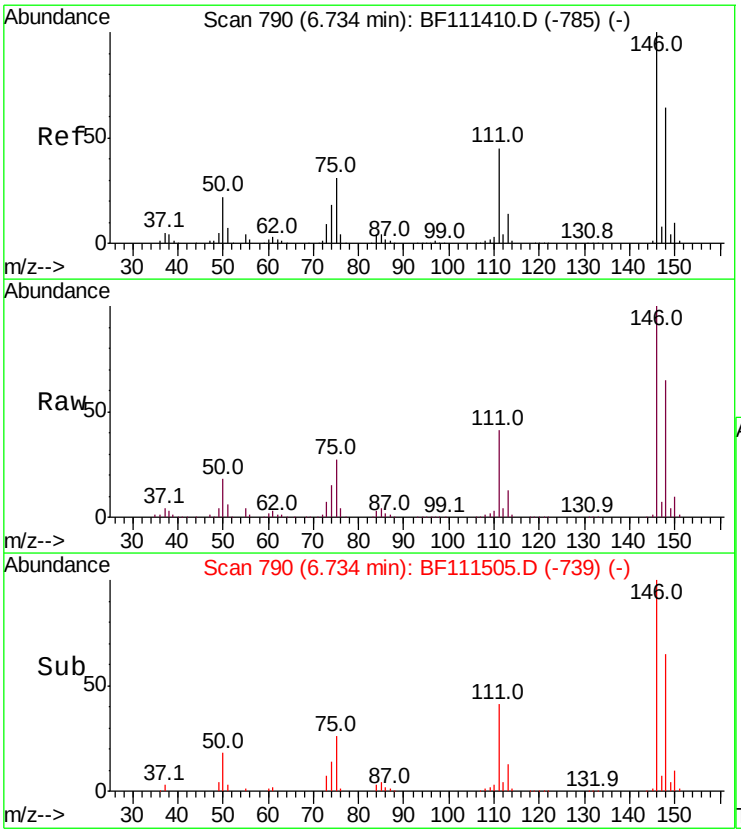

#11
bis(2-Chloroethyl)ether
Concen: 39.813 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 515126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.4 | 60.0 | 100.0 |
| 95 | 33.2 | 13.4 | 53.4 |

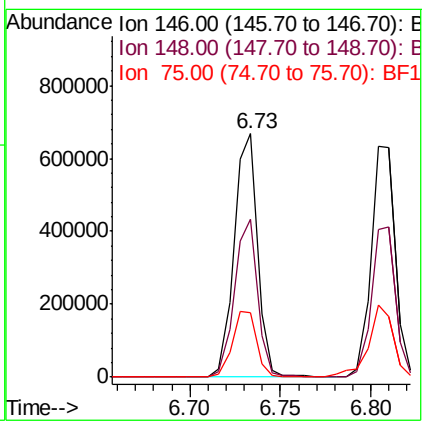


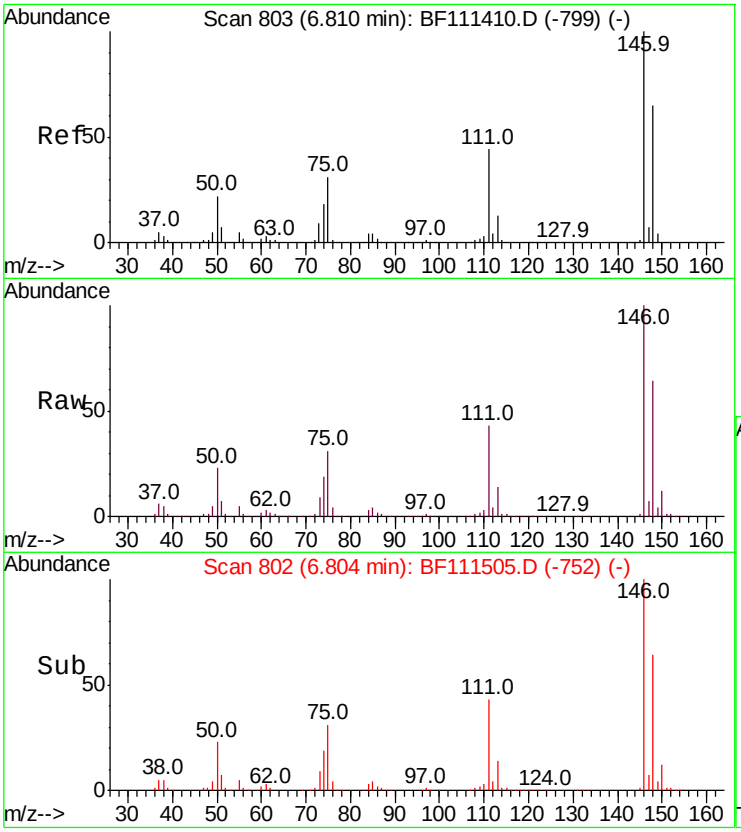




#12
1,3-Dichlorobenzene
Concen: 41.091 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:146 Resp: 602005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.1 | 78.1 |
| 75 | 26.6 | 23.9 | 35.9 |



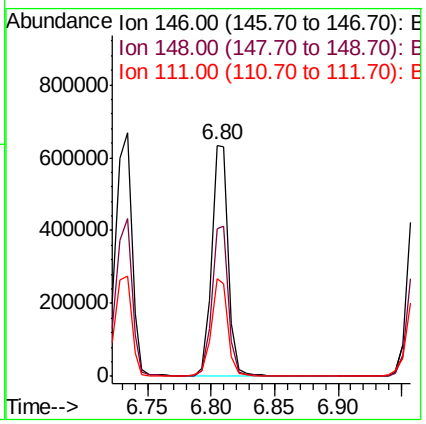


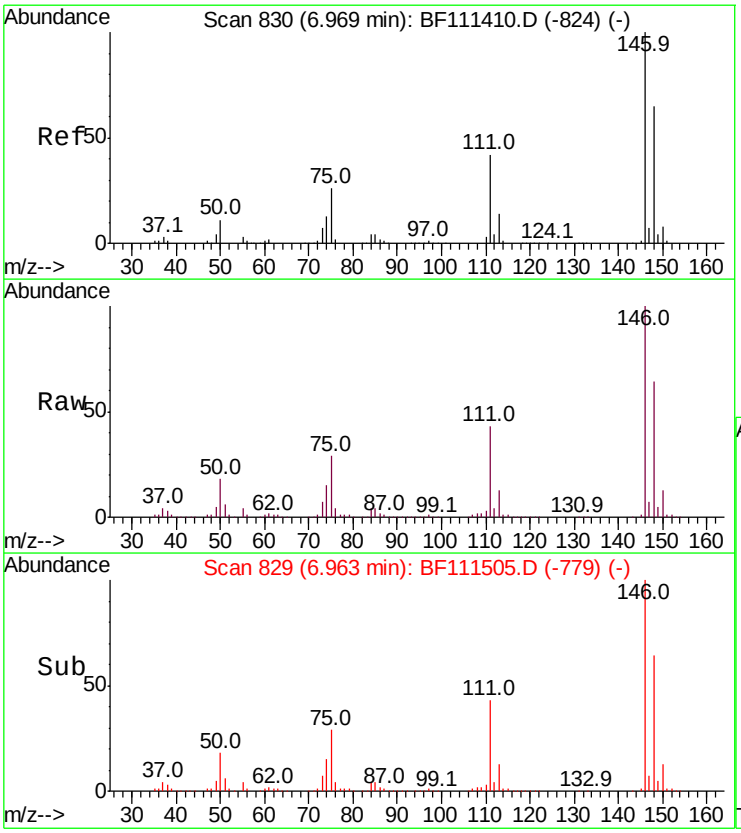

#13
1,4-Dichlorobenzene
Concen: 40.026 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 595201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.8 | 79.2 |
| 111 | 42.6 | 33.4 | 50.0 |

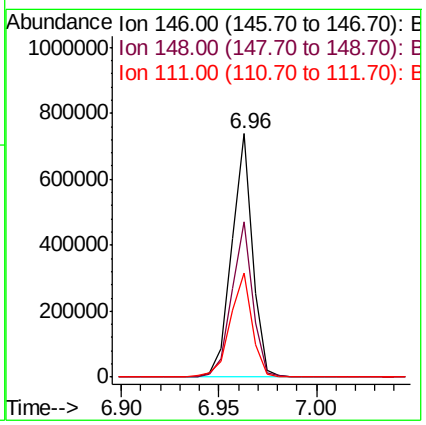


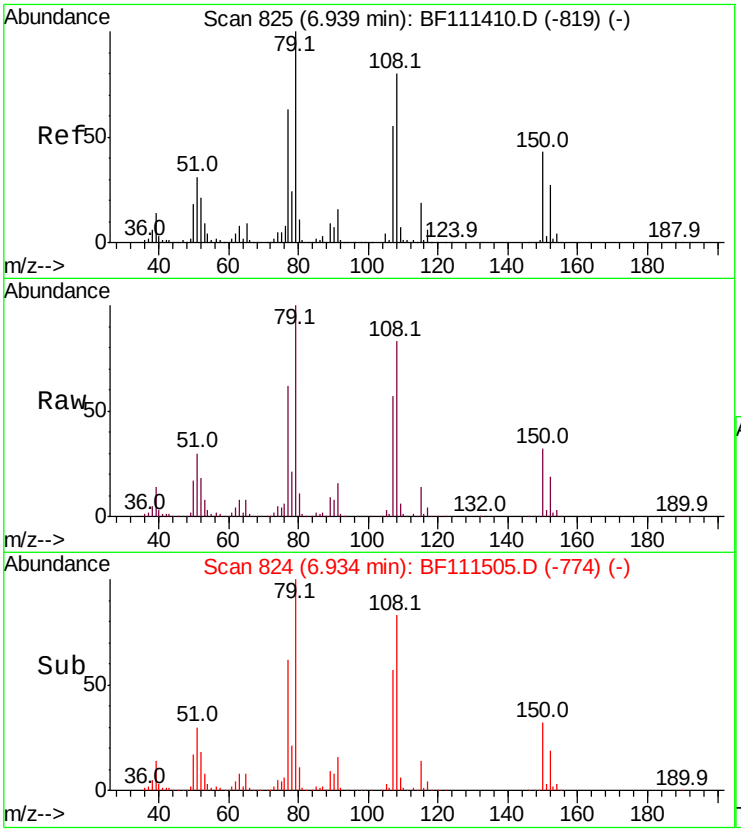




#14
1,2-Dichlorobenzene
Concen: 38.917 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:146 Resp: 544430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.9 | 77.9 |
| 111 | 42.6 | 36.2 | 54.4 |



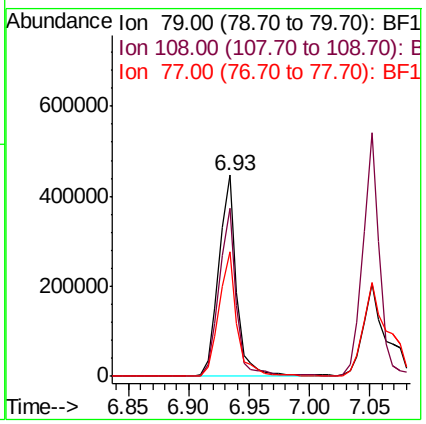


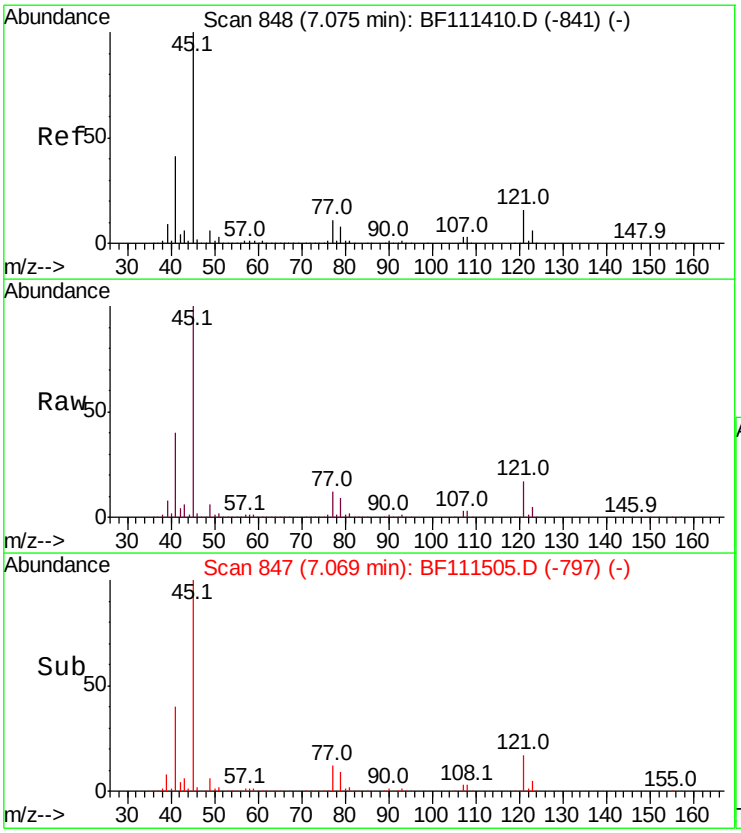

#15
Benzyl Alcohol
Concen: 40.521 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 456820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.5 | 69.4 | 104.2 |
| 77 | 62.2 | 49.7 | 74.5 |

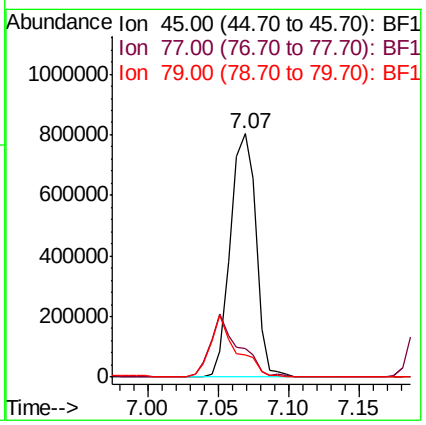


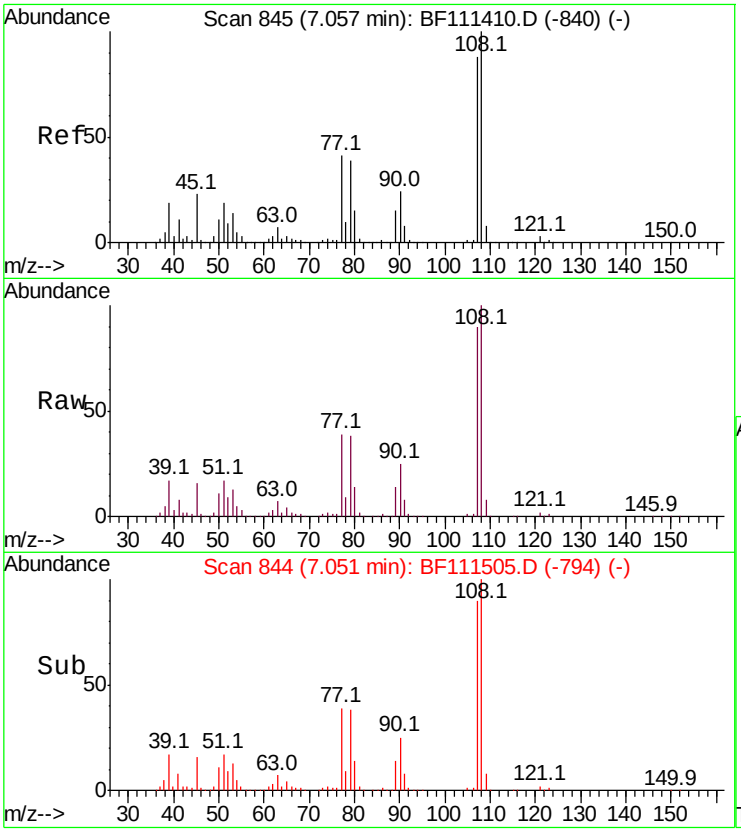




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.222 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 45 Resp: 1016116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.6 | 0.0 | 31.5 |
| 79 | 8.9 | 0.0 | 28.9 |



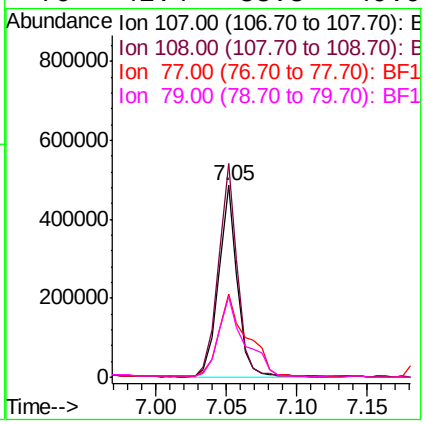


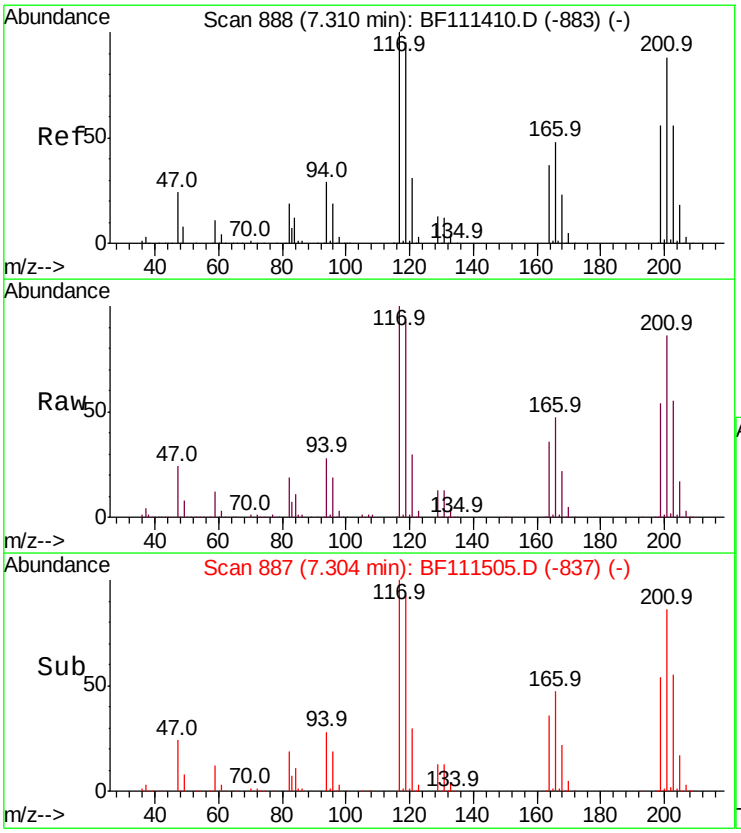

#17
2-Methylphenol
Concen: 41.375 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 443173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.5 | 91.0 | 136.4 |
| 77 | 43.3 | 33.5 | 50.3 |
| 79 | 42.4 | 33.3 | 49.9 |

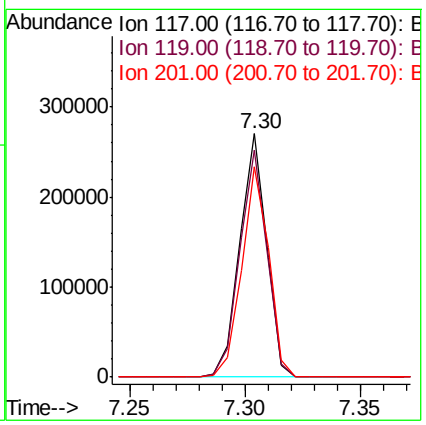


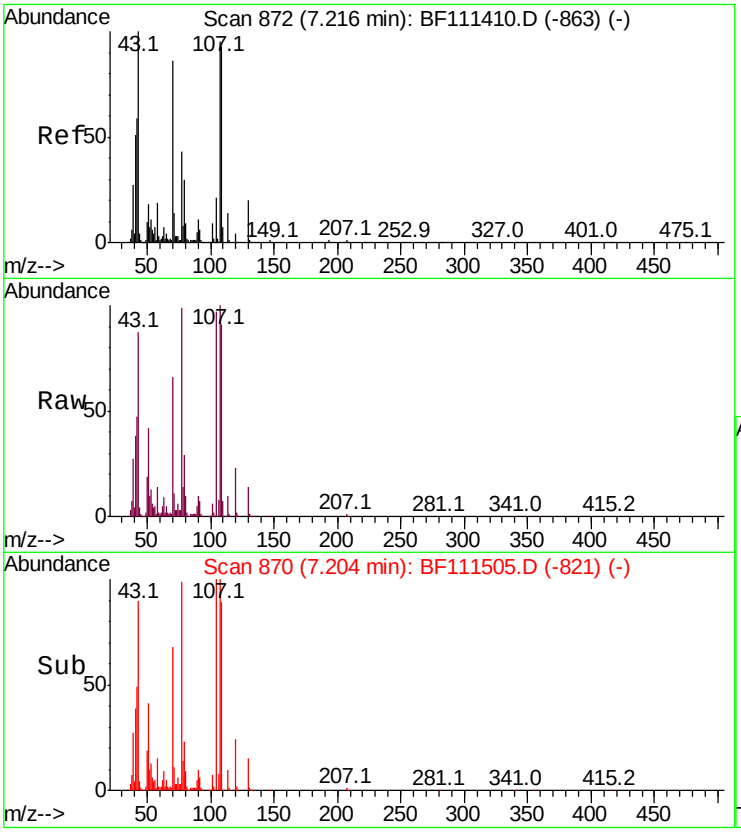




#18
Hexachloroethane
Concen: 39.596 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:117 Resp: 219128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.1 | 75.4 | 113.0 |
| 201 | 86.4 | 62.4 | 93.6 |



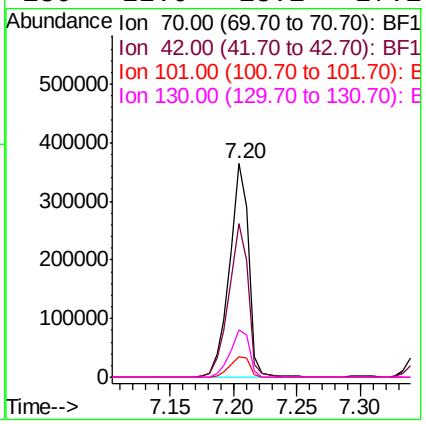


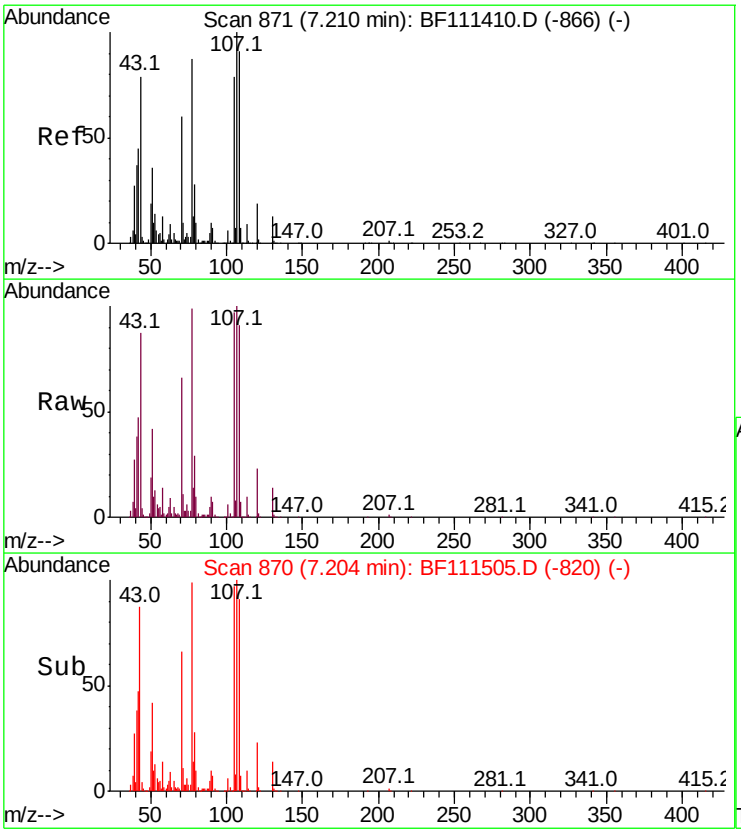

#19
n-Nitroso-di-n-propylamine
Concen: 38.640 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 377715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 71.9 | 53.2 | 79.8 |
| 101 | 9.9 | 8.2 | 12.4 |
| 130 | 22.0 | 18.1 | 27.1 |

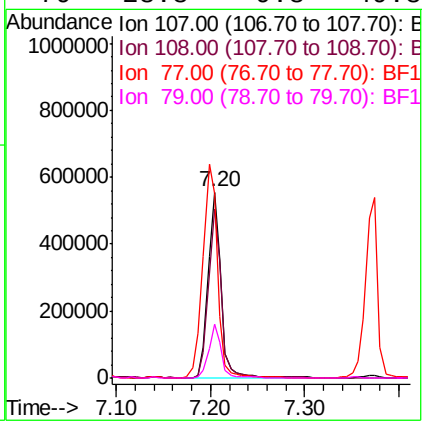


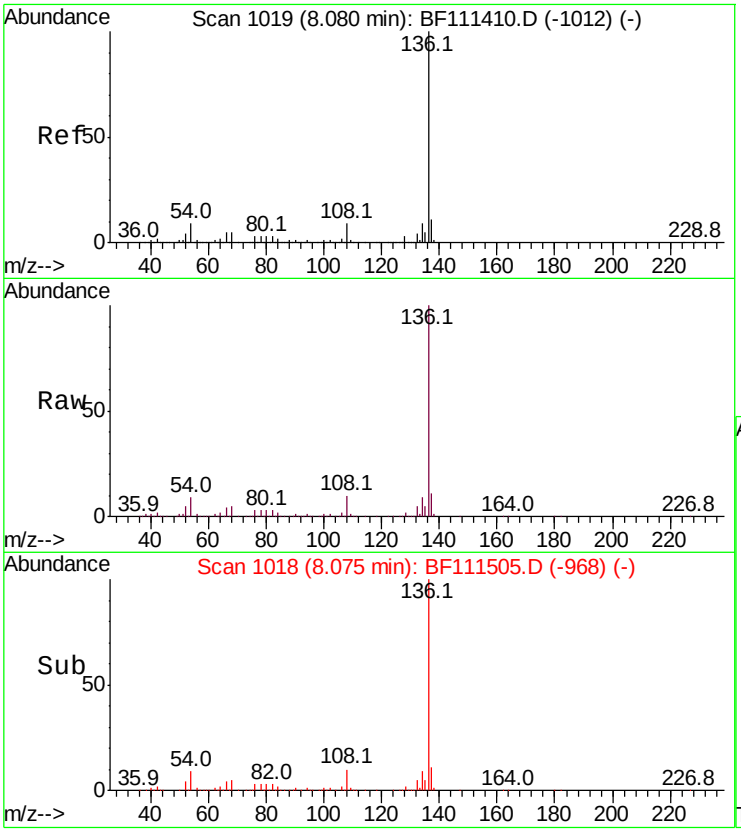




#20
3+4-Methylphenols
Concen: 40.480 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:107 Resp: 543884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.1 | 72.1 | 112.1 |
| 77 | 99.2 | 94.1 | 134.1 |
| 79 | 28.8 | 9.8 | 49.8 |



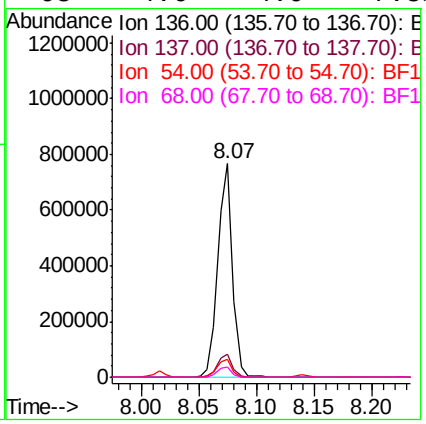


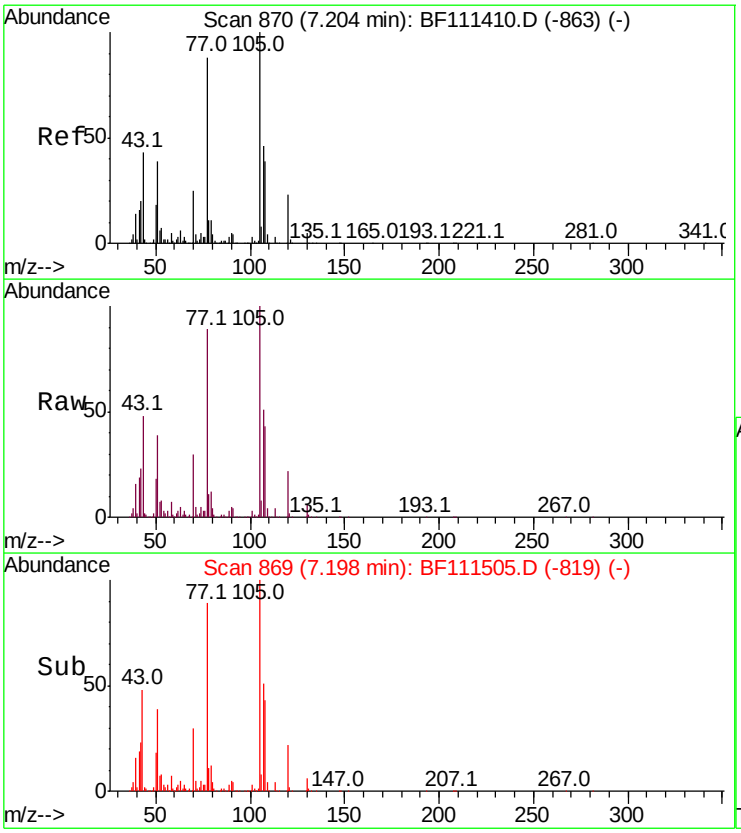

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 676567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 9.1 | 13.7 |
| 54 | 8.6 | 7.7 | 11.5 |
| 68 | 4.6 | 4.9 | 7.3# |

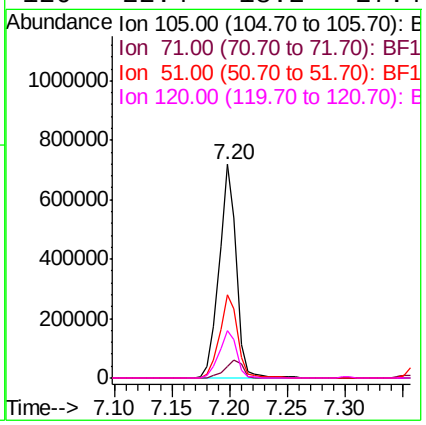


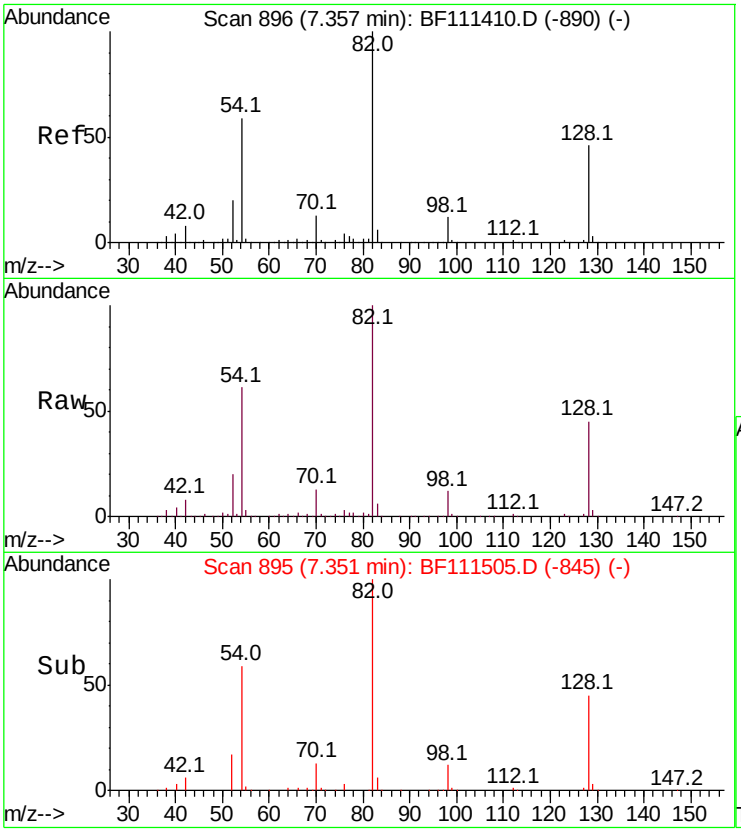




#22
Acetophenone
Concen: 48.930 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:105 Resp: 738995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.3 | 3.1 | 4.7# |
| 51 | 38.7 | 36.6 | 54.8 |
| 120 | 22.4 | 18.2 | 27.4 |



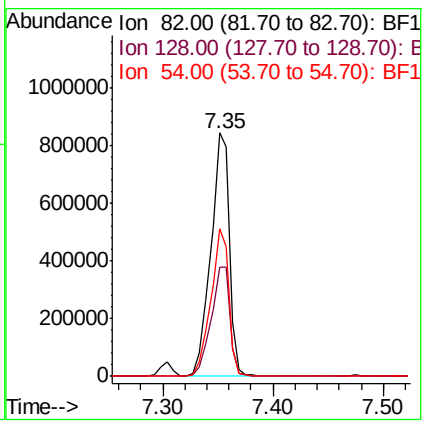


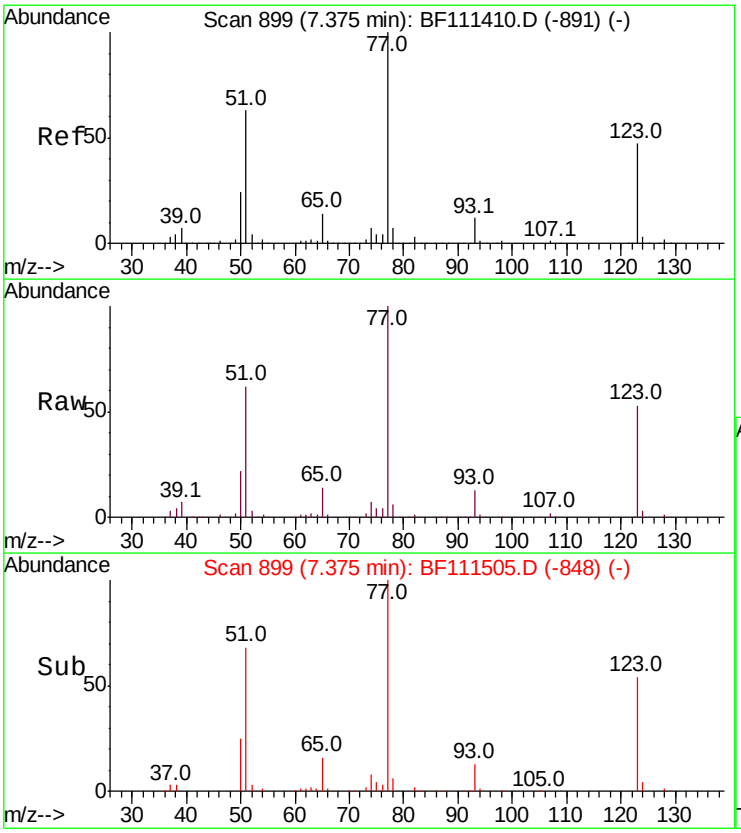

#23
Nitrobenzene-d5
Concen: 85.590 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 972437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.9 | 37.4 | 56.2 |
| 54 | 60.8 | 47.6 | 71.4 |

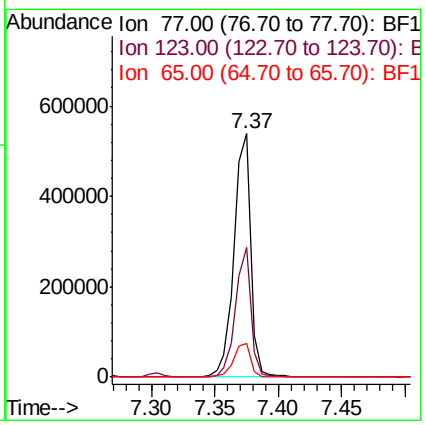


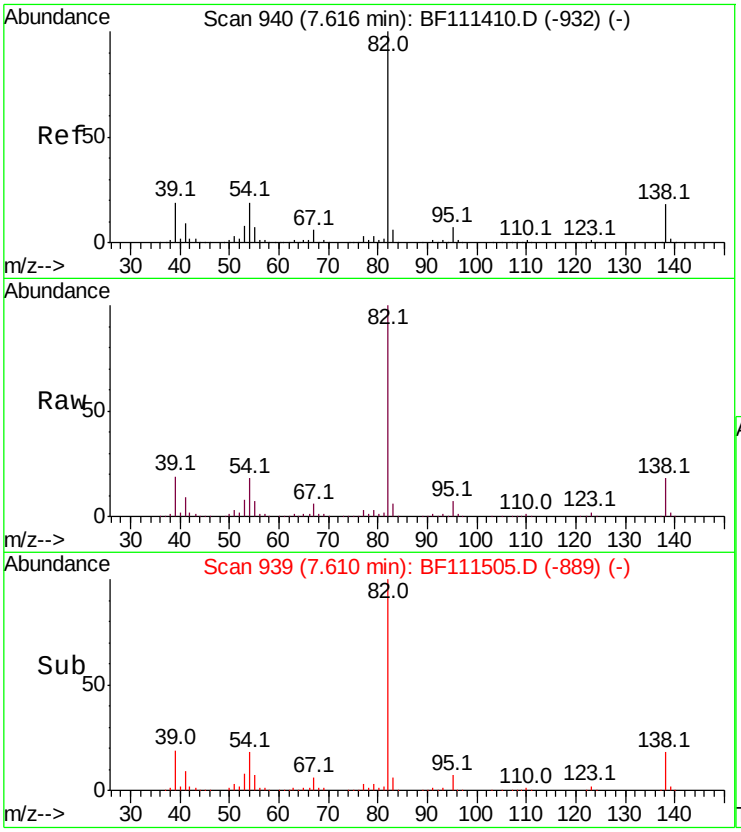




#24
Nitrobenzene
Concen: 41.865 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 77 Resp: 485221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.1 | 37.2 | 55.8 |
| 65 | 13.8 | 11.5 | 17.3 |



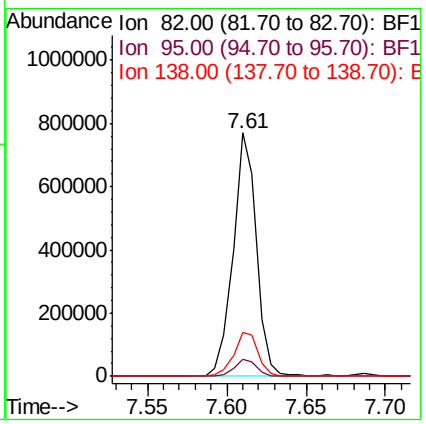


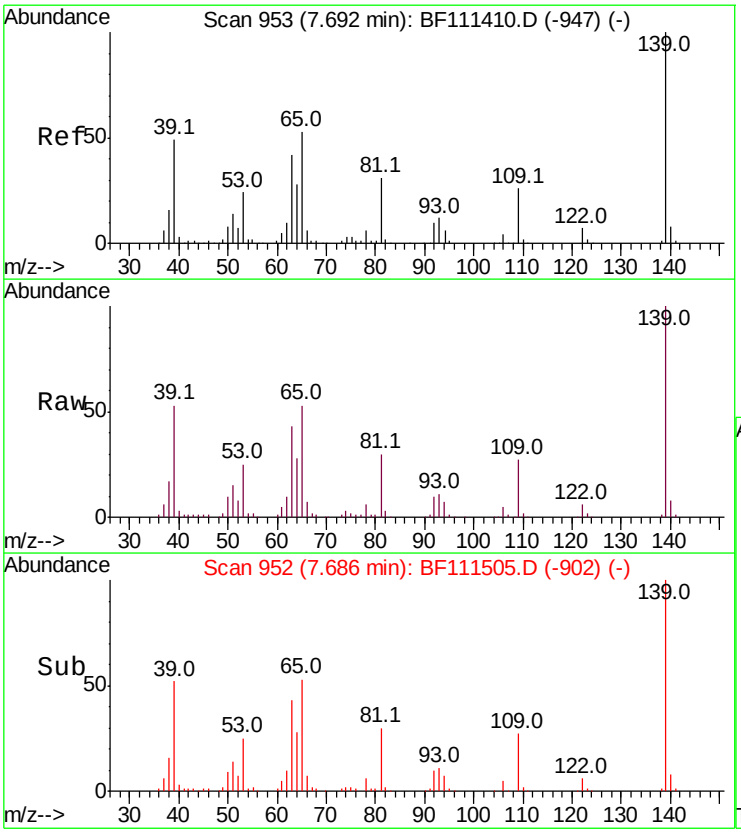

#25
Isophorone
Concen: 40.706 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 782528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.2 |
| 138 | 18.3 | 15.1 | 22.7 |

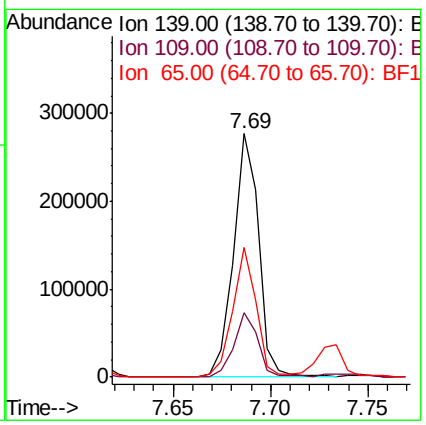


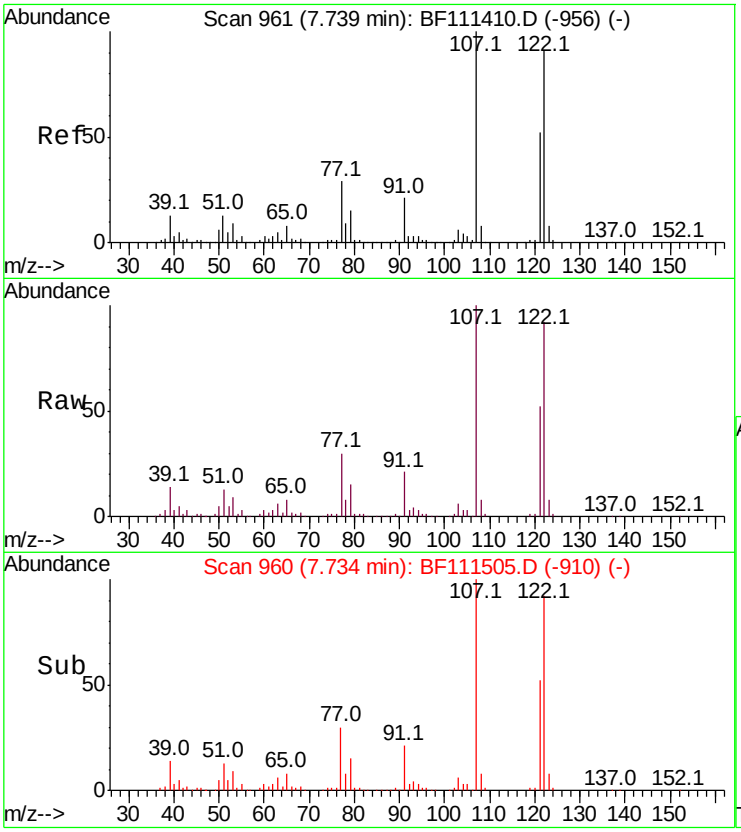




#26
2-Nitrophenol
Concen: 41.260 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:139 Resp: 247999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 20.2 | 30.4 |
| 65 | 53.5 | 40.7 | 61.1 |



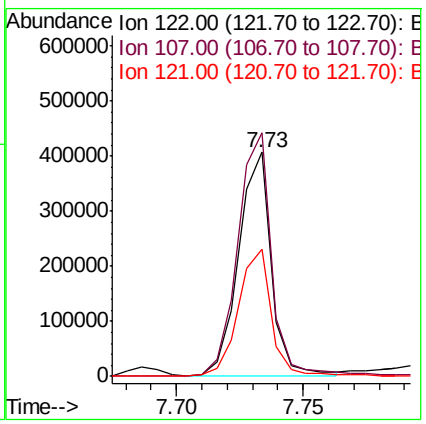


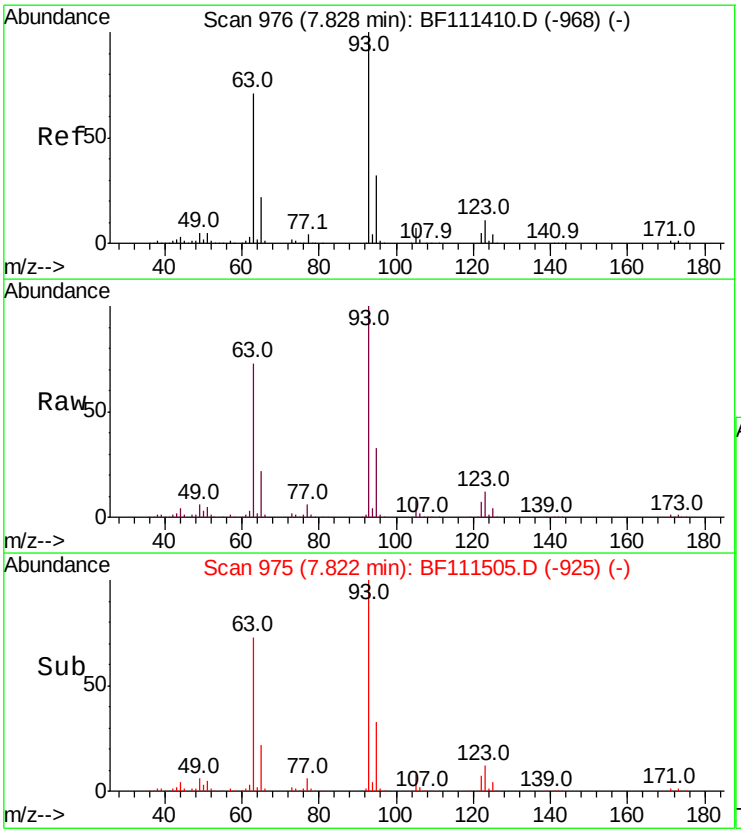

#27
2,4-Dimethylphenol
Concen: 42.102 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 366863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.6 | 85.5 | 128.3 |
| 121 | 56.9 | 46.6 | 70.0 |

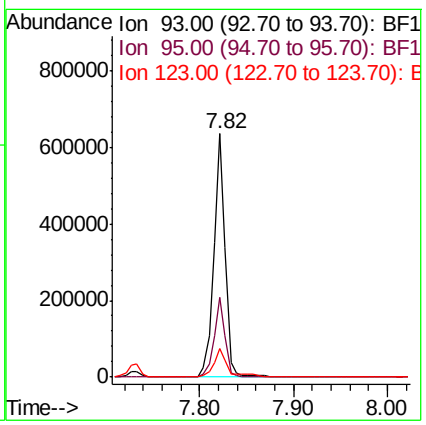


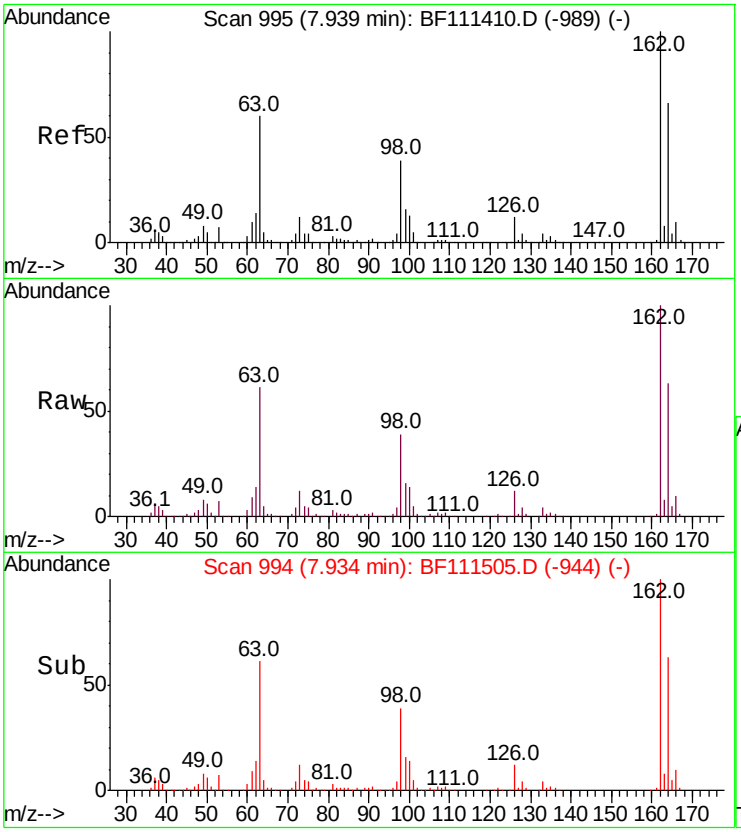




#28
bis(2-Chloroethoxy)methane
Concen: 41.032 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 93 Resp: 544538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 27.1 | 40.7 |
| 123 | 11.6 | 9.9 | 14.9 |



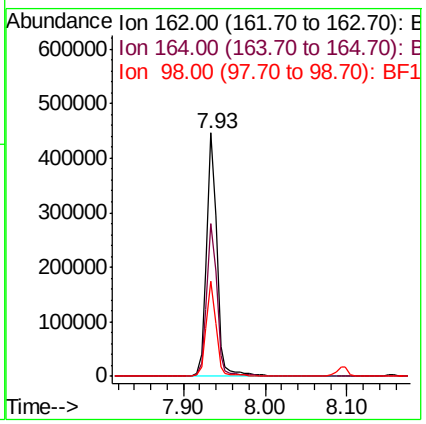


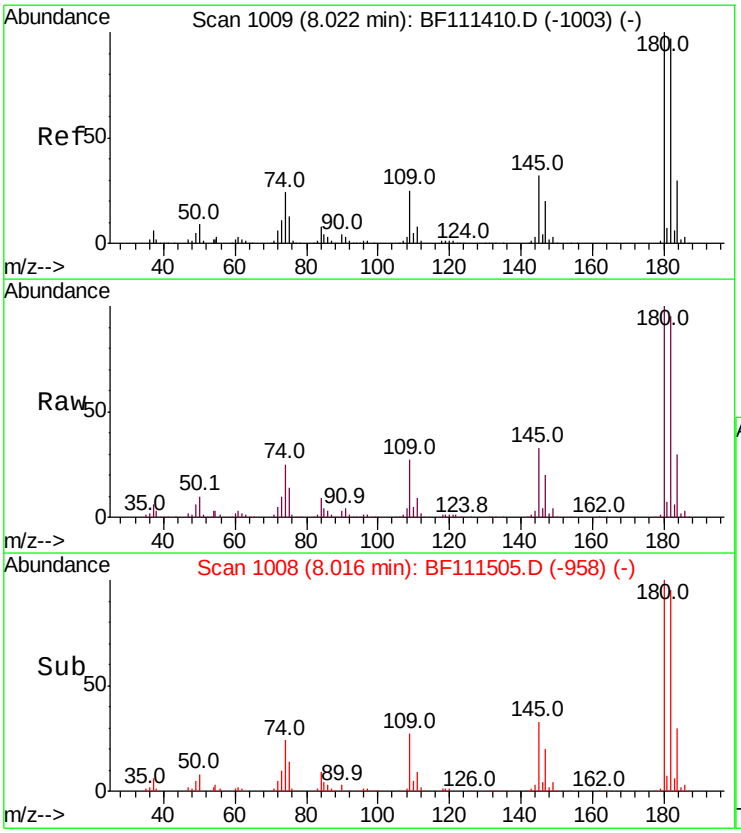

#29
2,4-Dichlorophenol
Concen: 42.218 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 392704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.5 | 44.4 | 84.4 |
| 98 | 39.1 | 20.3 | 60.3 |

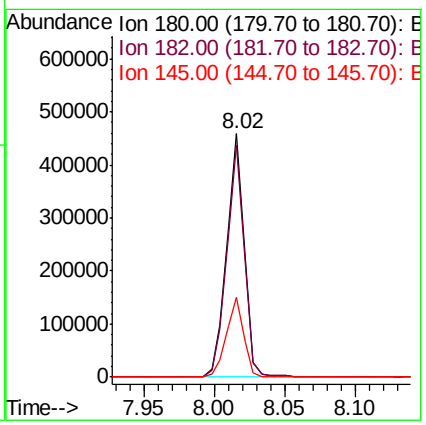


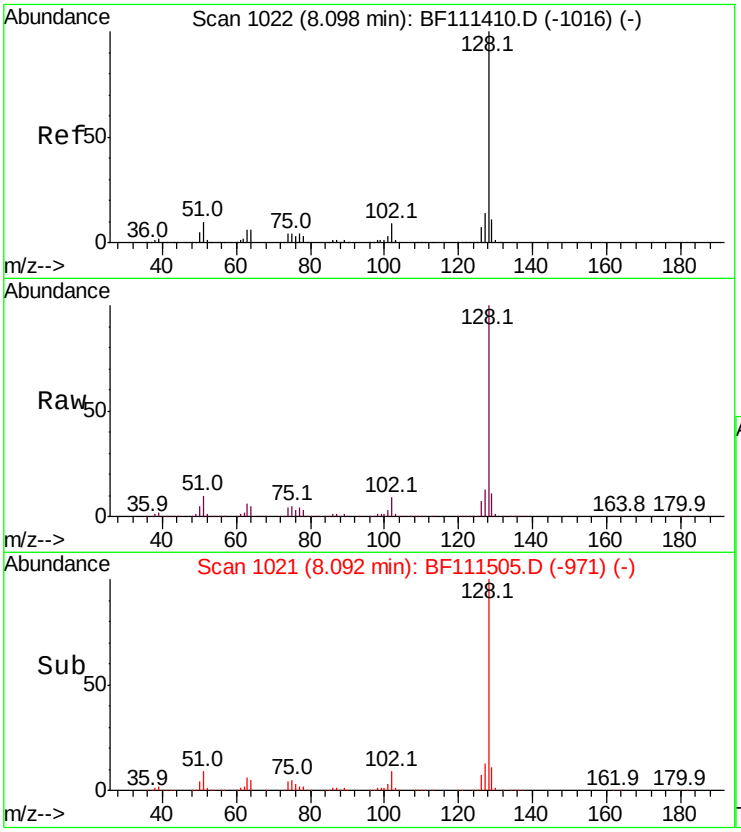




#30
1,2,4-Trichlorobenzene
Concen: 41.017 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:180 Resp: 399407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 75.6 | 113.4 |
| 145 | 32.5 | 26.7 | 40.1 |



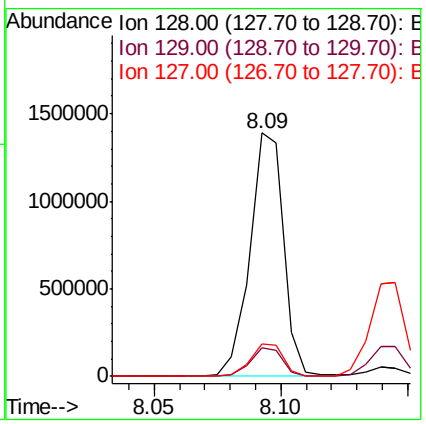


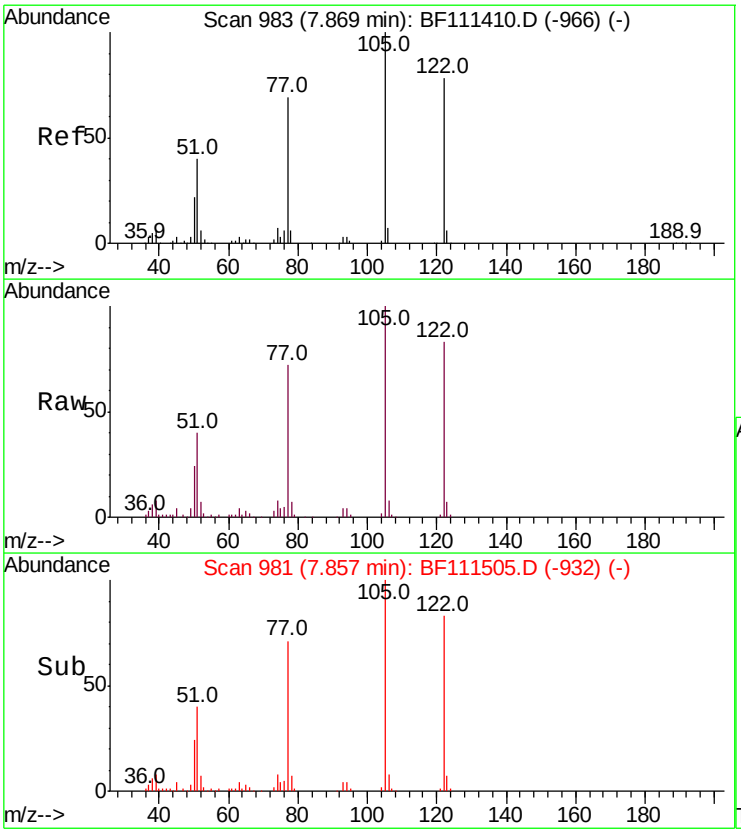

#31
Naphthalene
Concen: 40.846 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 1292563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.8 | 14.8 |
| 127 | 13.4 | 12.0 | 18.0 |

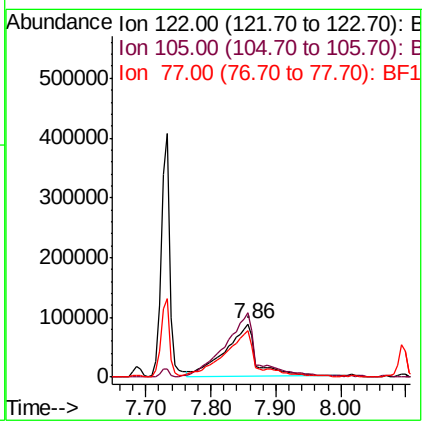


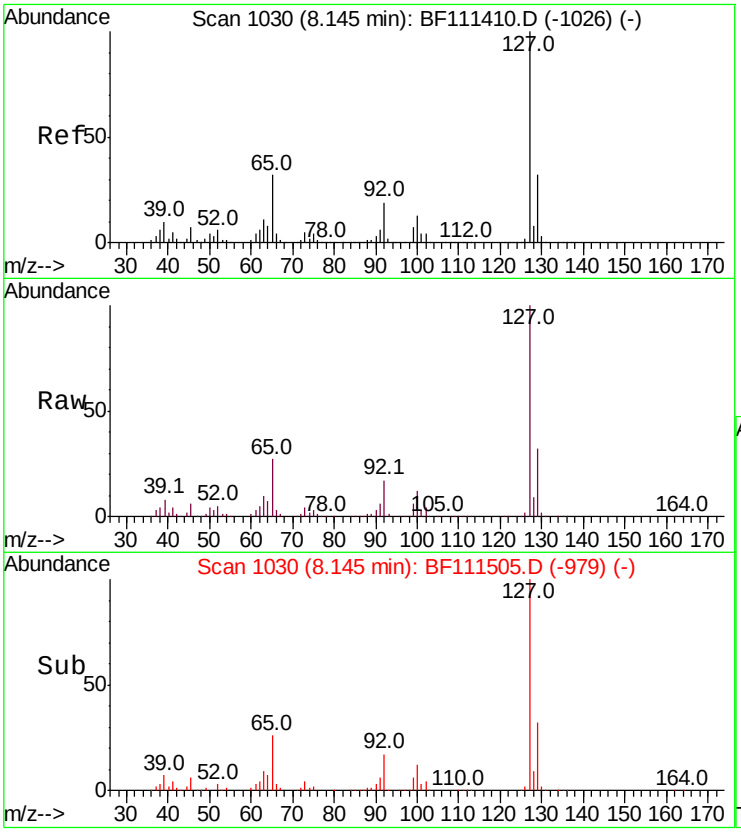




#32
Benzoic acid
Concen: 38.769 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:122 Resp: 291930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.0 | 97.0 | 137.0 |
| 77 | 86.6 | 65.7 | 105.7 |



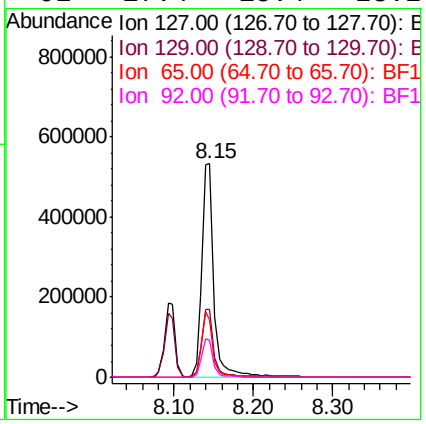


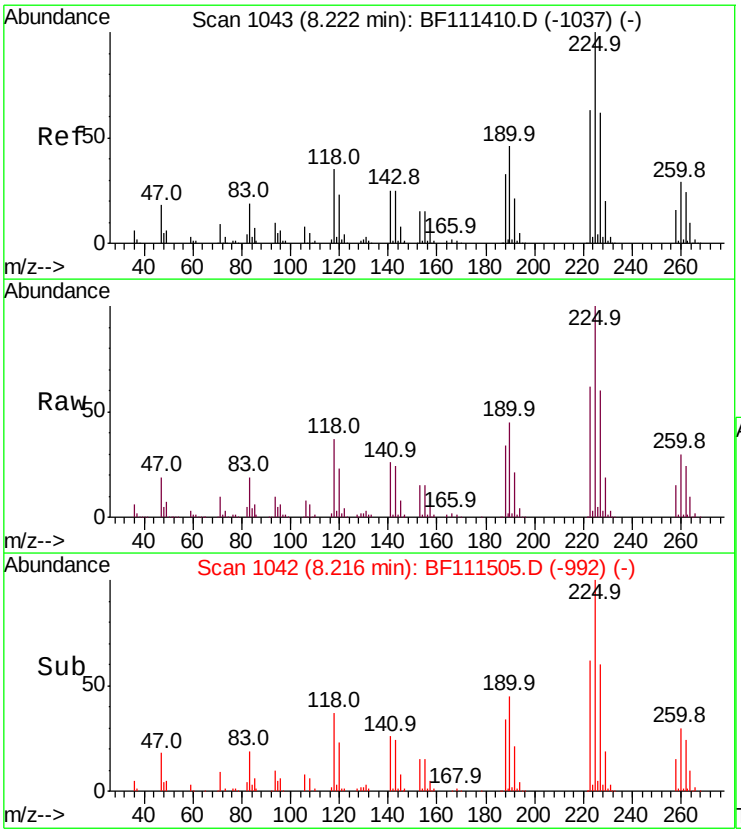

#33
4-Chloroaniline
Concen: 40.976 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 576599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 26.6 | 39.8 |
| 65 | 27.0 | 25.7 | 38.5 |
| 92 | 17.4 | 15.4 | 23.2 |

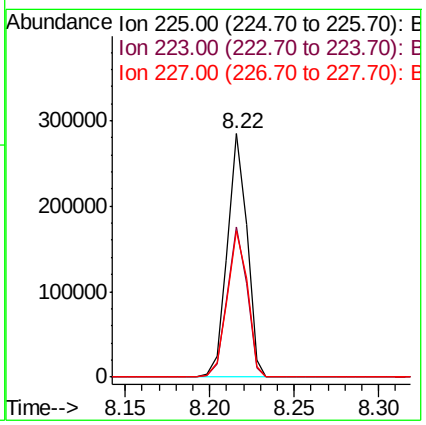


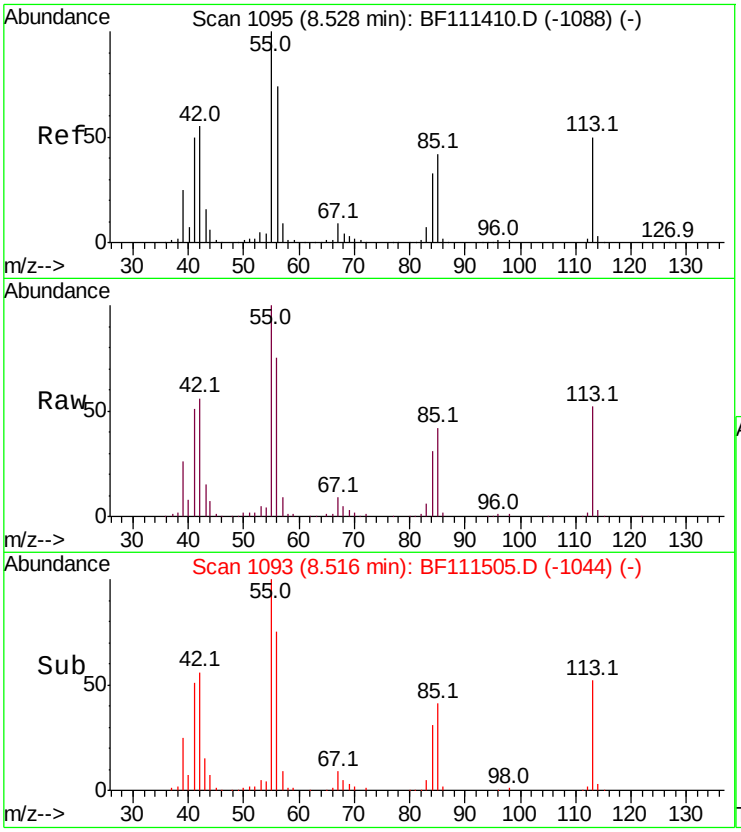




#34
Hexachlorobutadiene
Concen: 42.817 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:225 Resp: 229704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 50.7 | 76.1 |
| 227 | 60.2 | 52.6 | 78.8 |



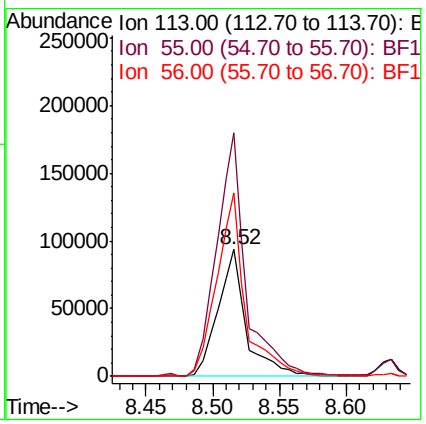


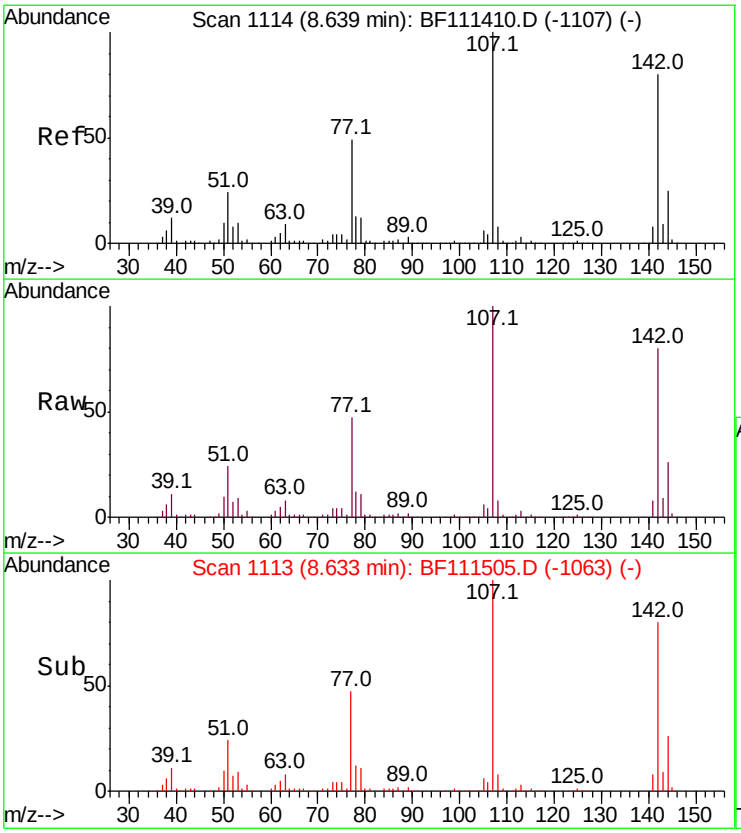

#35
Caprolactam
Concen: 40.283 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 139121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 192.0 | 184.1 | 224.1 |
| 56 | 144.6 | 126.0 | 166.0 |

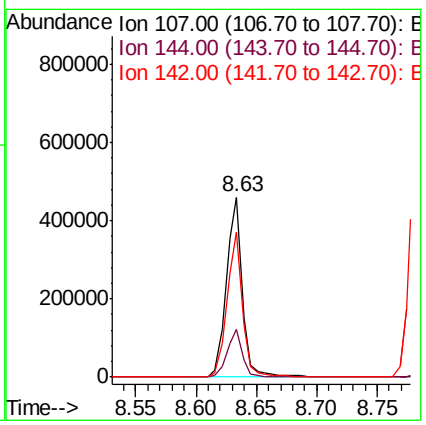


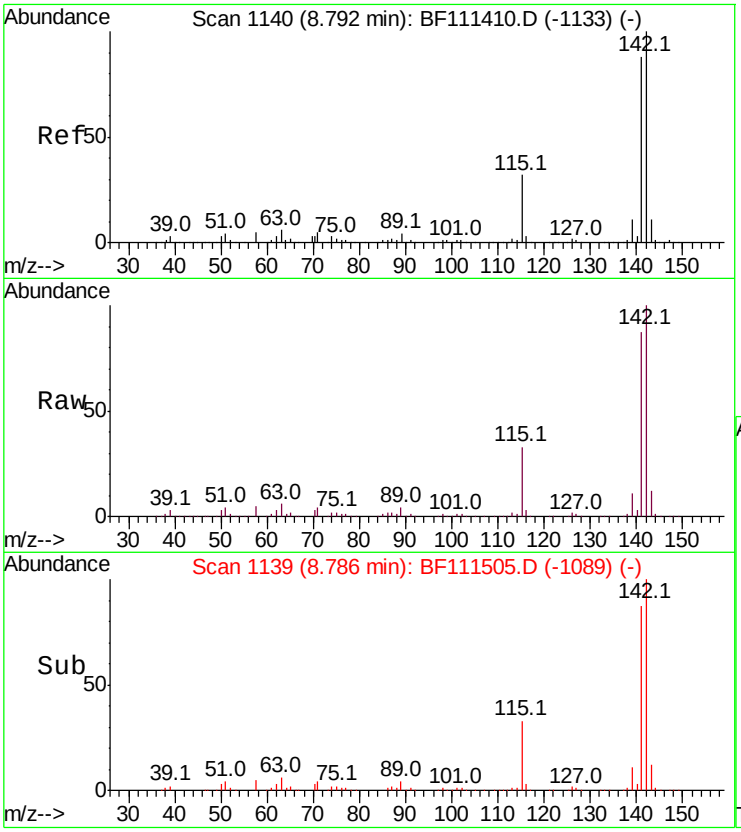




#36
4-Chloro-3-methylphenol
Concen: 41.215 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:107 Resp: 421992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.2 | 19.8 | 29.6 |
| 142 | 80.5 | 62.3 | 93.5 |



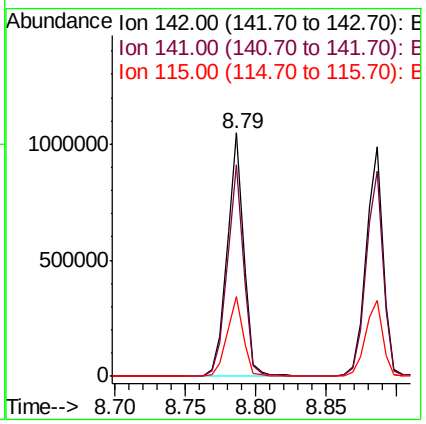


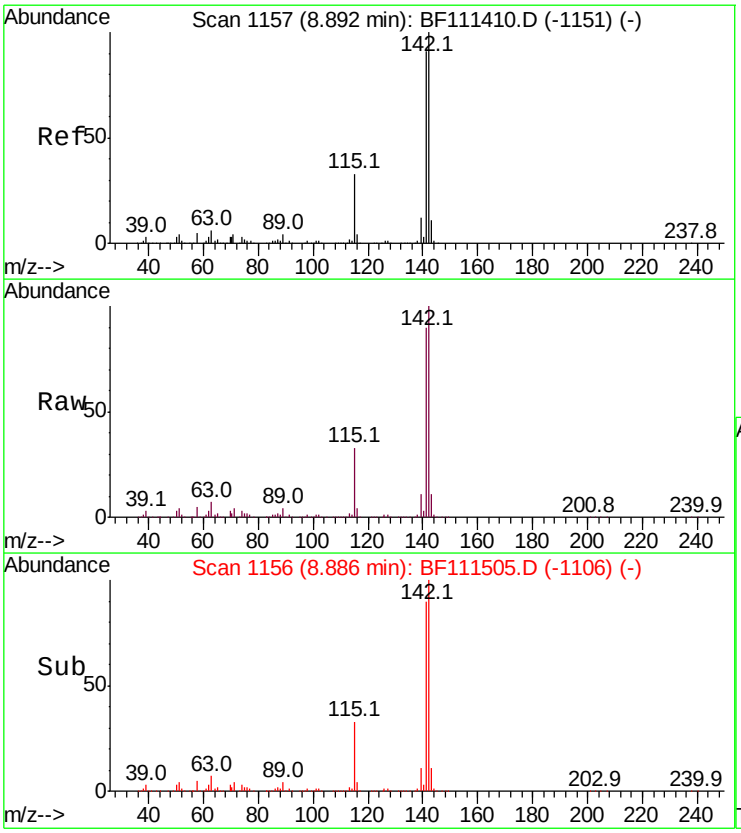

#37
2-Methylnaphthalene
Concen: 39.715 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 850426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.9 | 70.6 | 105.8 |
| 115 | 32.8 | 27.0 | 40.6 |

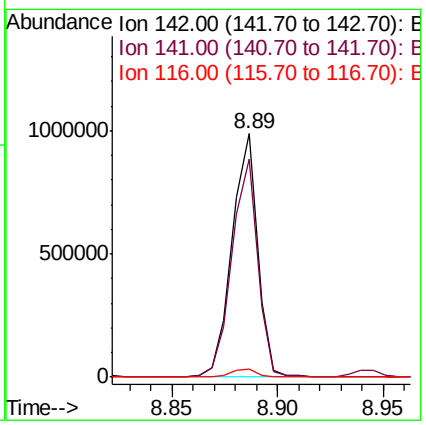


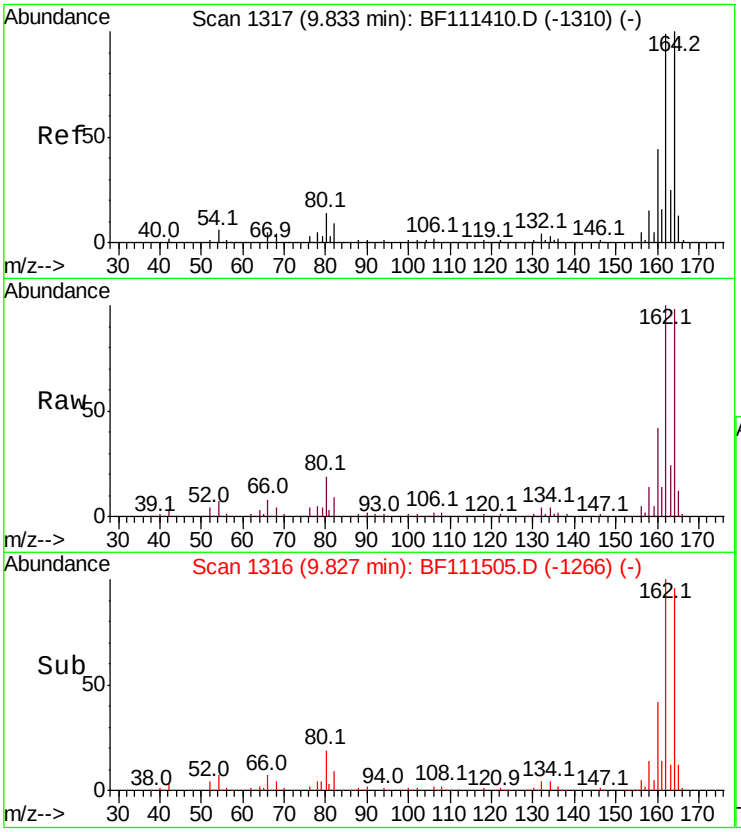




#38
1-Methylnaphthalene
Concen: 39.720 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:142 Resp: 821682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 74.2 | 111.4 |
| 116 | 3.6 | 2.9 | 4.3 |



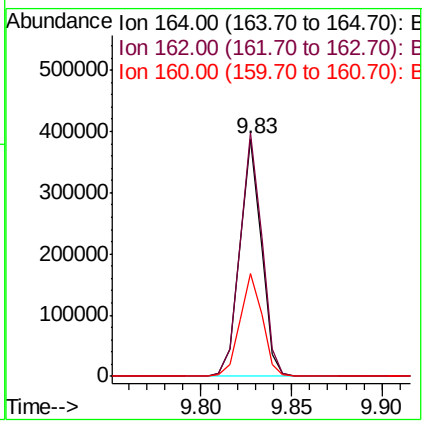


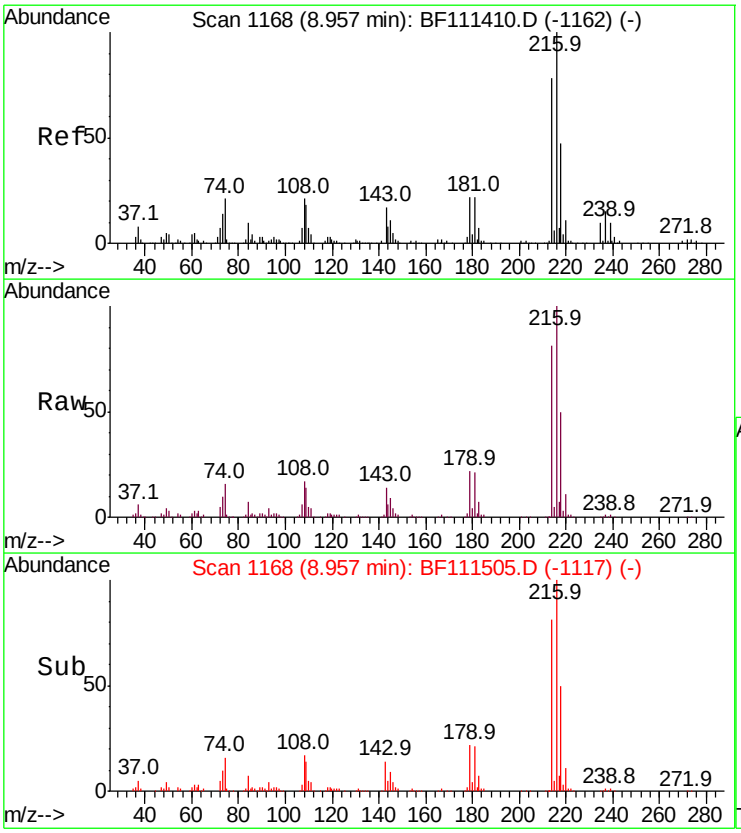

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 321533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 81.4 | 122.0 |
| 160 | 43.1 | 35.7 | 53.5 |

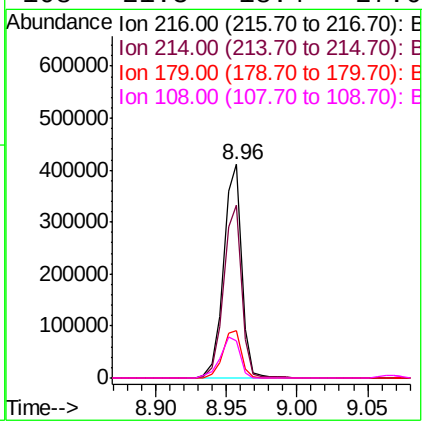


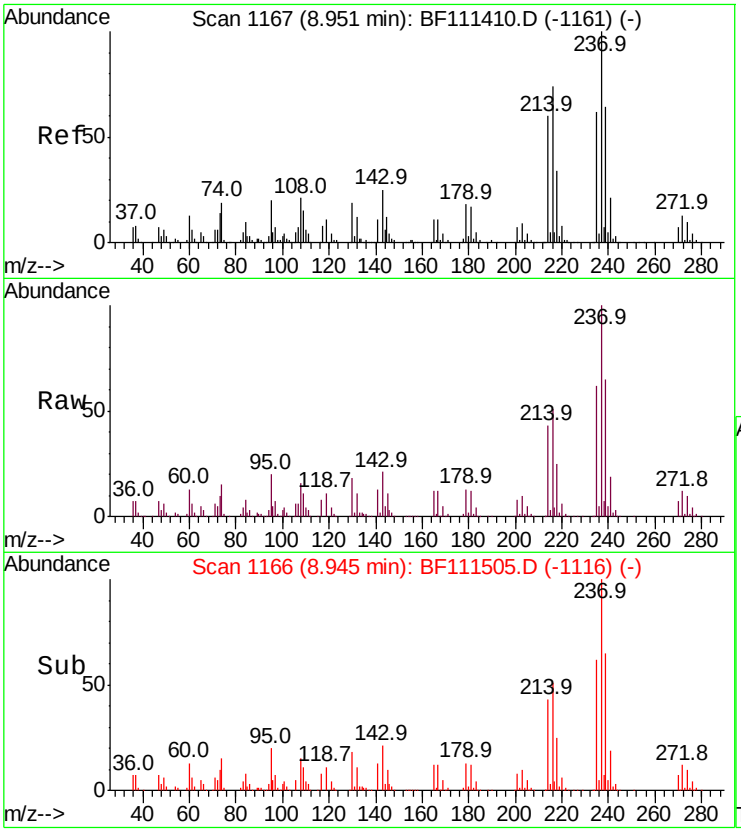




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.410 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:216 Resp: 365146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.8 | 63.8 | 95.8 |
| 179 | 22.8 | 17.9 | 26.9 |
| 108 | 21.3 | 18.4 | 27.6 |



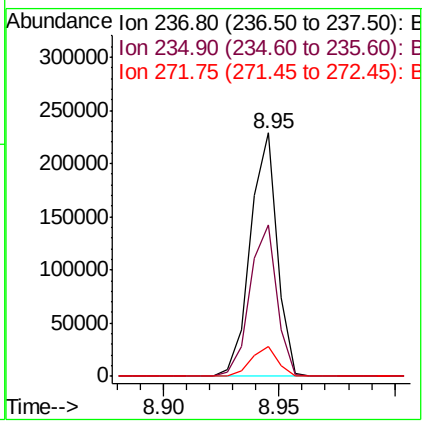


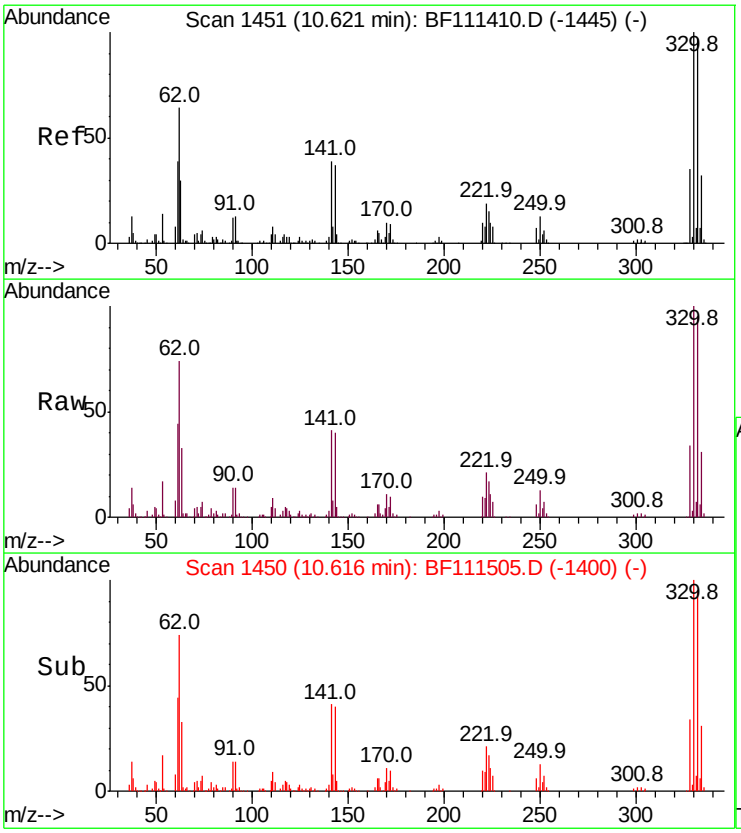

#41
Hexachlorocyclopentadiene
Concen: 41.093 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 186034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.3 | 43.1 | 83.1 |
| 272 | 12.1 | 0.0 | 33.0 |

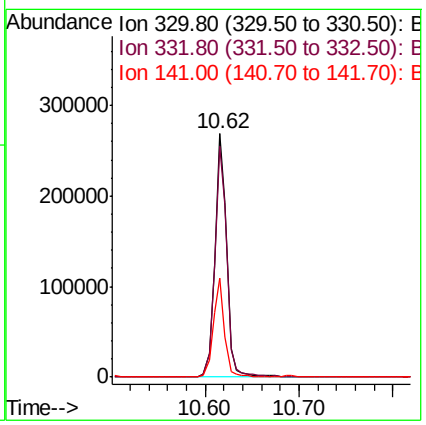


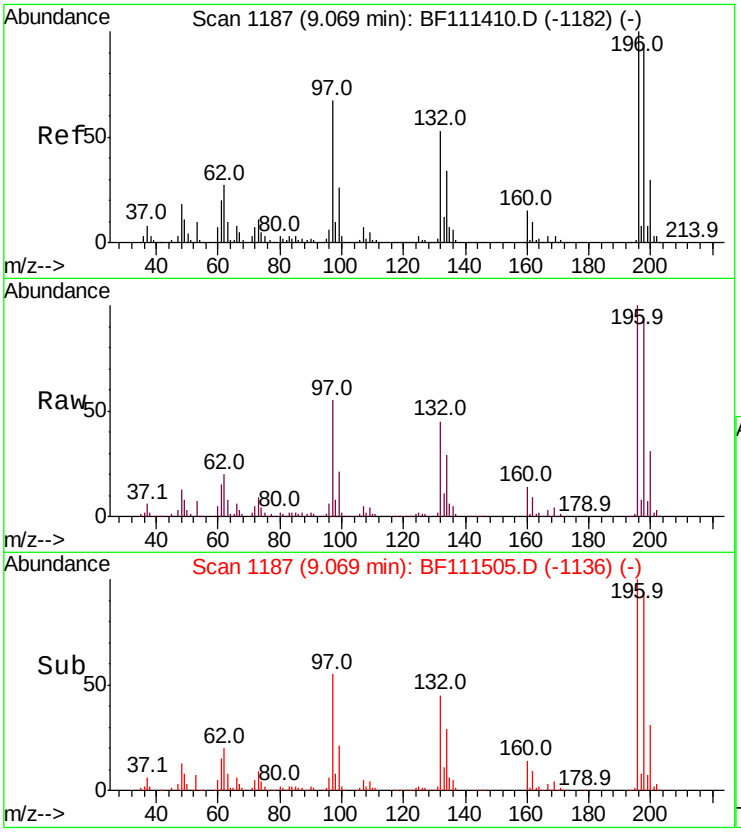




#42
2,4,6-Tribromophenol
Concen: 82.899 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:330 Resp: 238769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.0 | 114.0 |
| 141 | 38.7 | 31.0 | 46.6 |



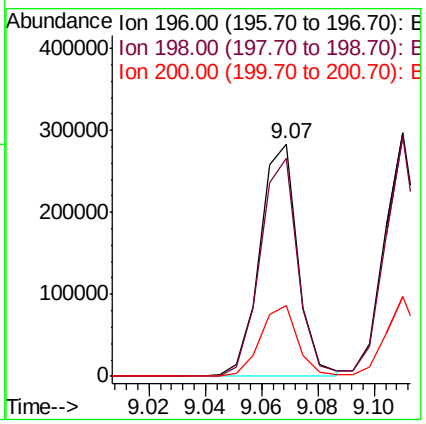


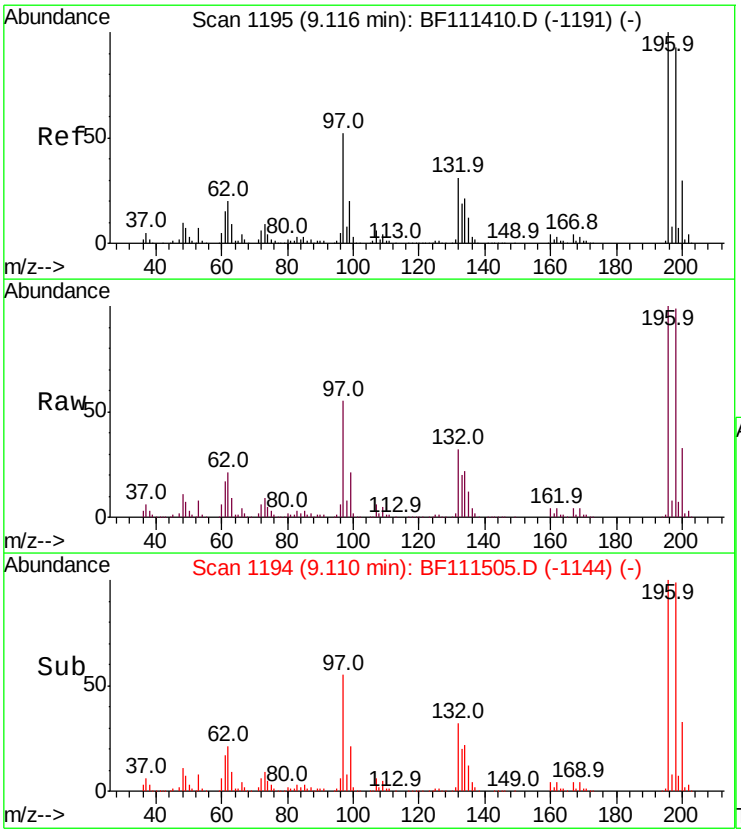

#43
2,4,6-Trichlorophenol
Concen: 42.295 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 263957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.6 | 76.3 | 114.5 |
| 200 | 30.7 | 24.9 | 37.3 |

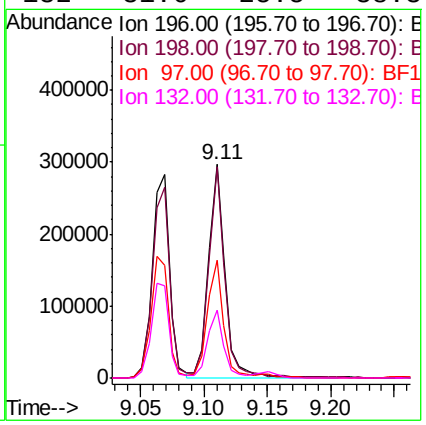


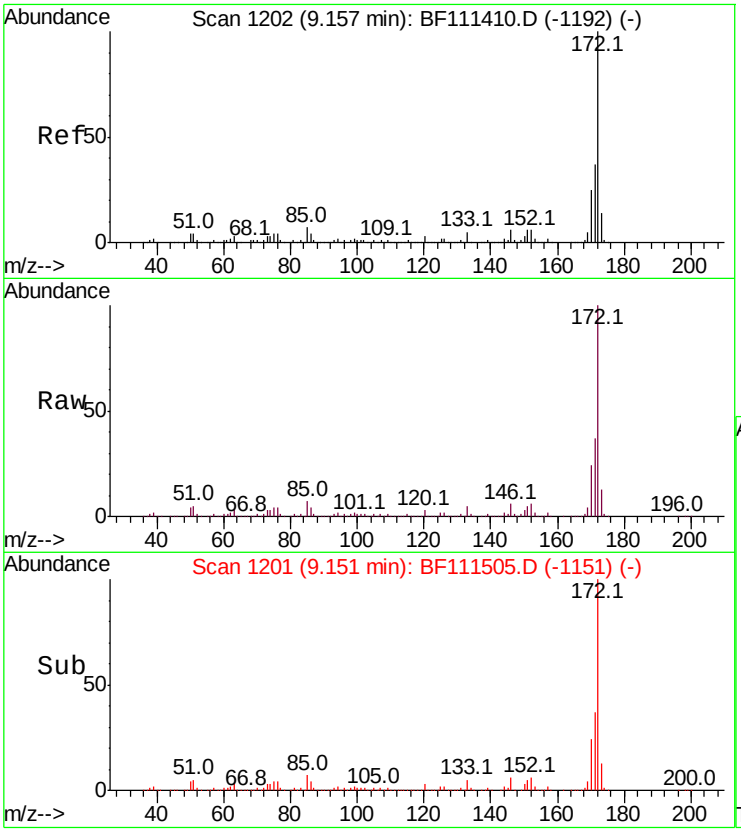




#44
2,4,5-Trichlorophenol
Concen: 41.401 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:196 Resp: 274944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 72.9 | 109.3 |
| 97 | 54.9 | 45.3 | 67.9 |
| 132 | 31.6 | 25.5 | 38.3 |

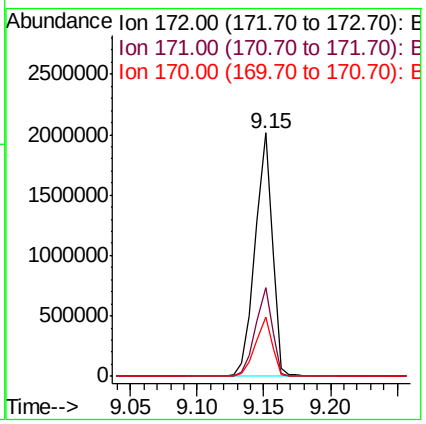




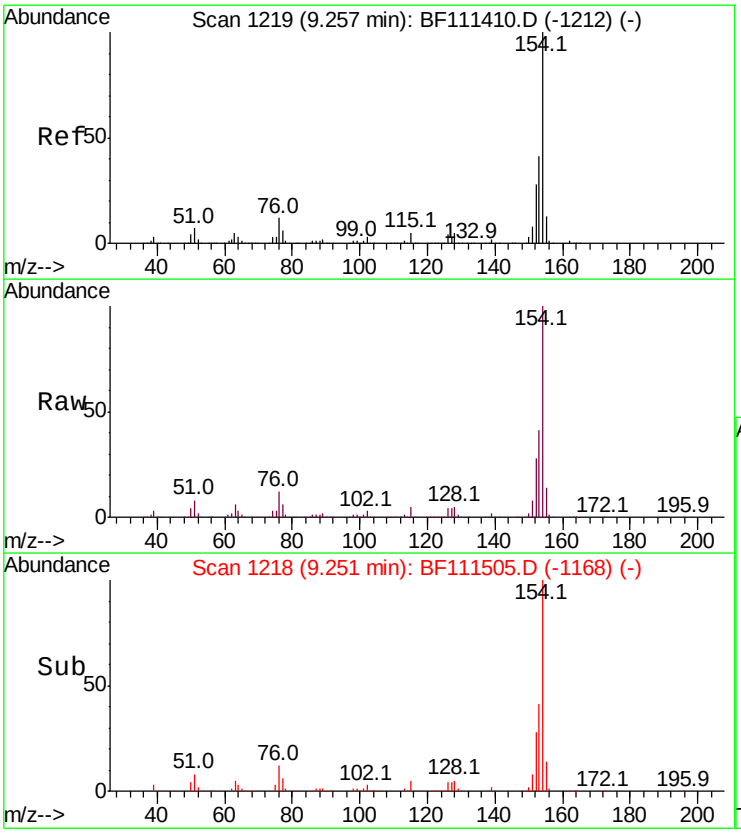

#45
2-Fluorobiphenyl
Concen: 85.332 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:172 Resp: 1776278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 33.0 | 49.4 |
| 170 | 24.1 | 22.3 | 33.5 |



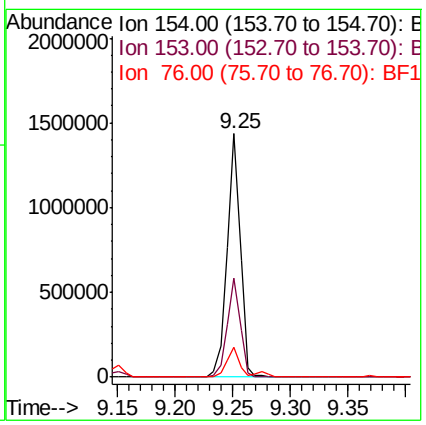

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

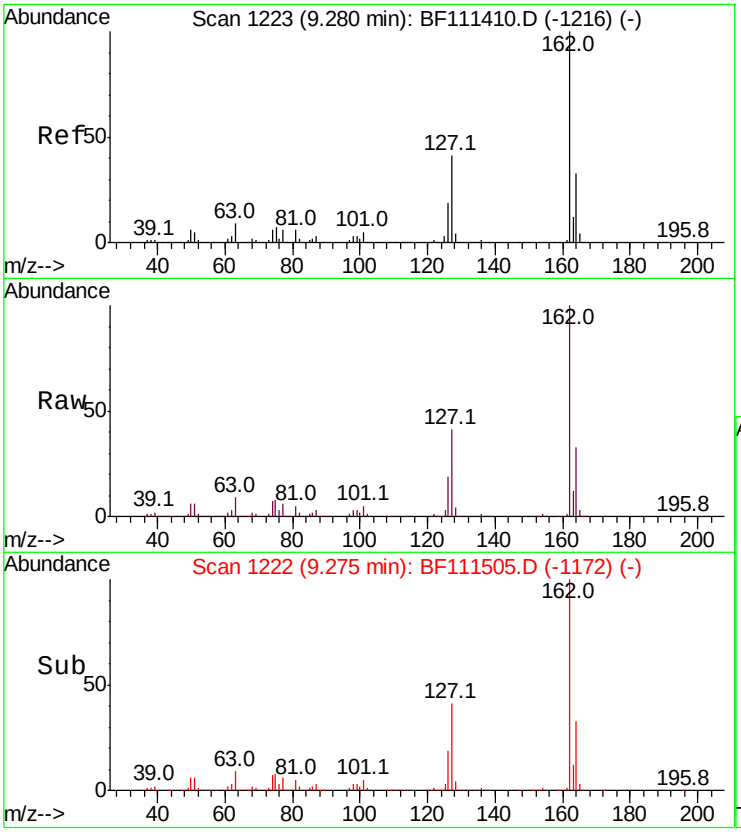



#46
1,1'-Biphenyl
Concen: 41.576 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:154 Resp: 1132698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 23.7 | 63.7 |
| 76 | 12.0 | 0.0 | 35.0 |



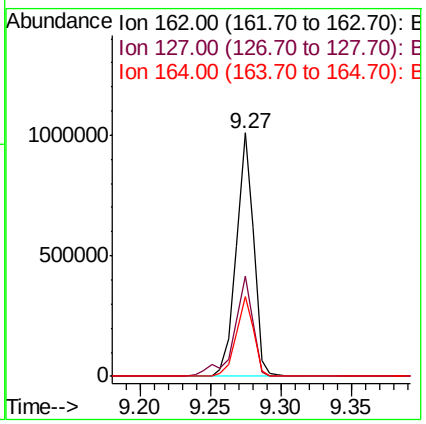


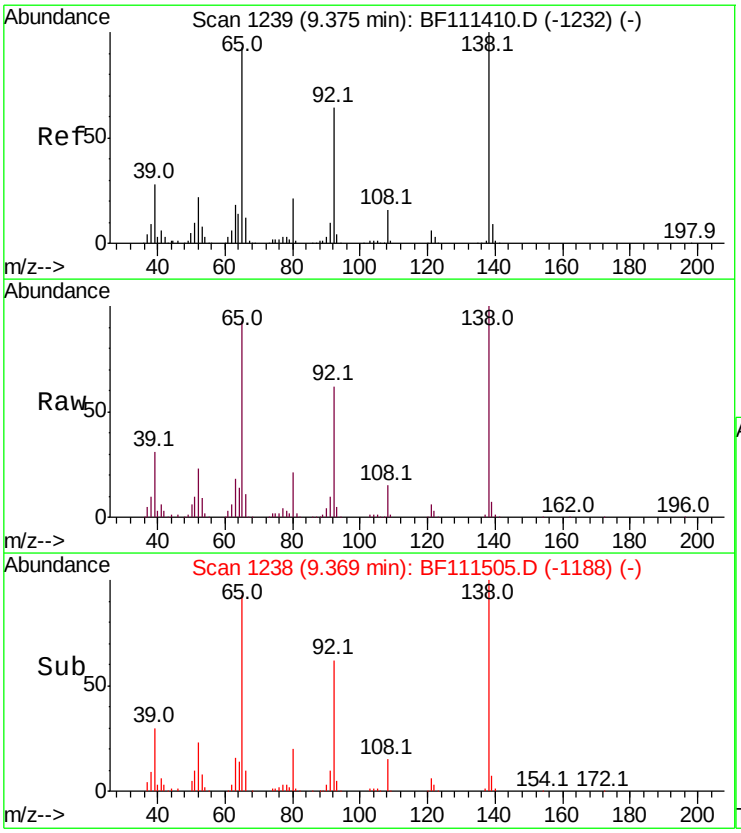

#47
2-Chloronaphthalene
Concen: 41.791 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 865440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.1 | 35.0 | 52.4 |
| 164 | 32.6 | 28.4 | 42.6 |

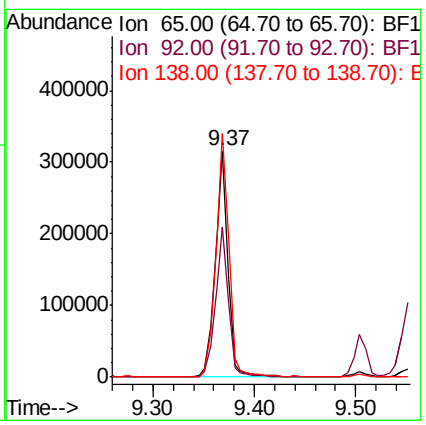


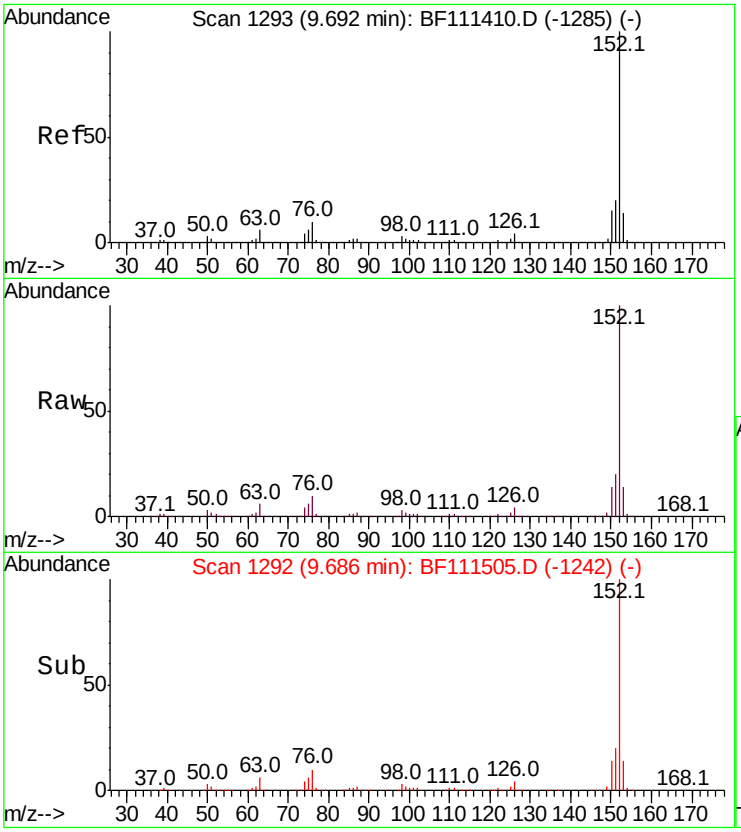




#48
2-Nitroaniline
Concen: 41.201 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion: 65 Resp: 277035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.6 | 53.5 | 80.3 |
| 138 | 107.8 | 80.9 | 121.3 |



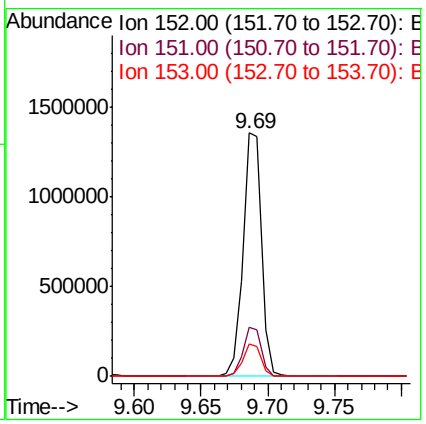


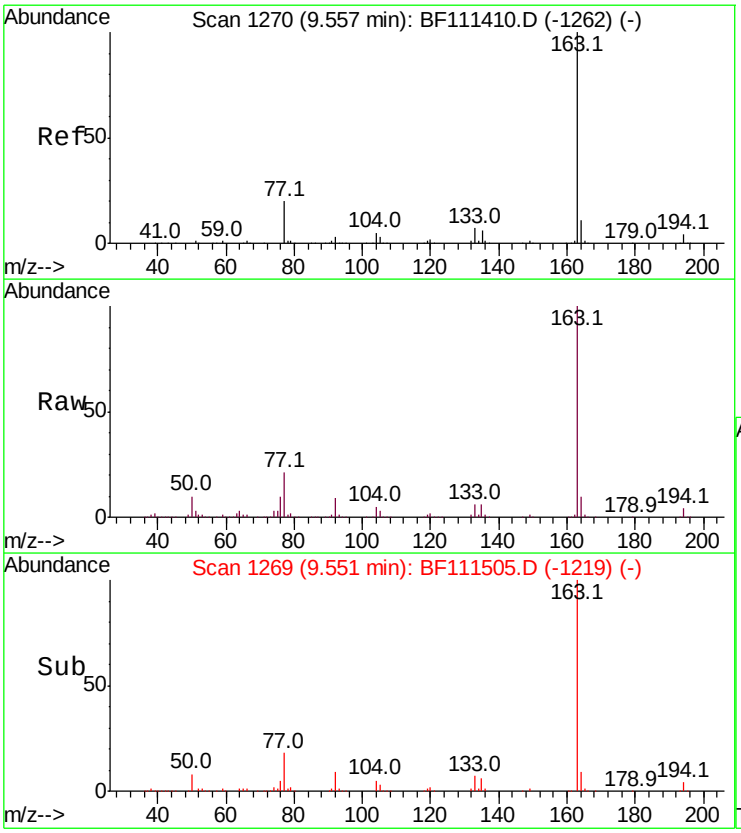

#49
Acenaphthylene
Concen: 41.816 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 1285386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 18.0 | 27.0 |
| 153 | 13.5 | 12.3 | 18.5 |

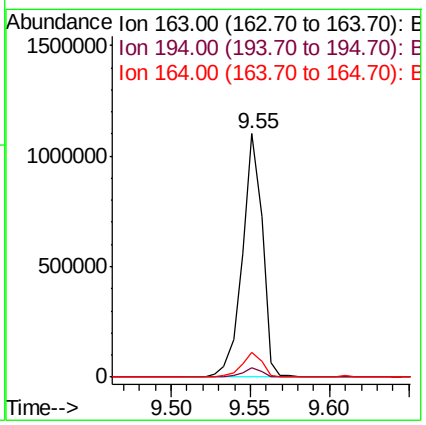


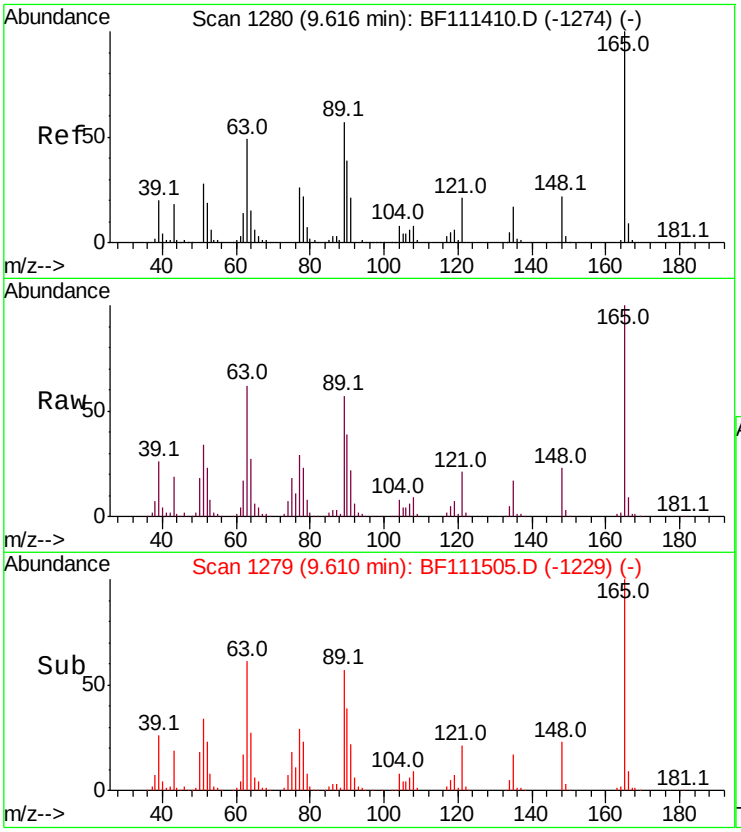




#50
Dimethylphthalate
Concen: 41.212 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:163 Resp: 954313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.0 | 4.6 |
| 164 | 10.0 | 8.9 | 13.3 |



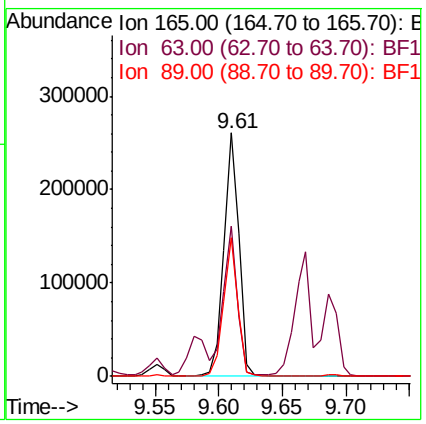


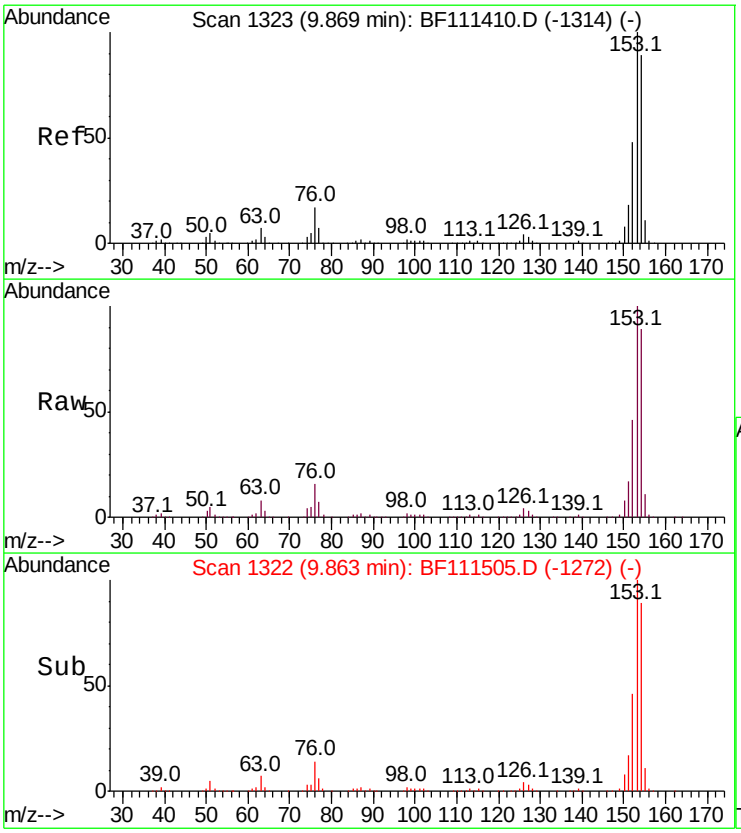

#51
2,6-Dinitrotoluene
Concen: 41.312 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 215330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.7 | 40.5 | 60.7# |
| 89 | 56.8 | 40.0 | 60.0 |

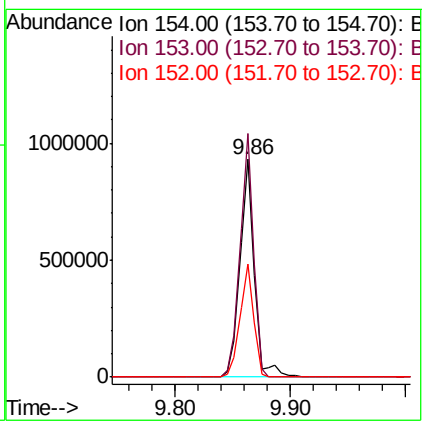


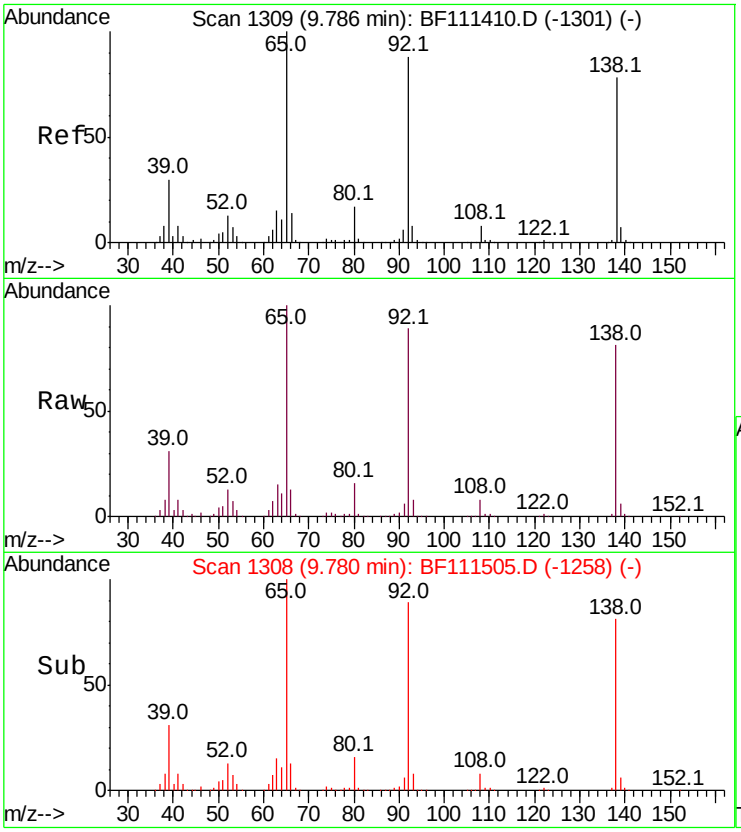




#52
Acenaphthene
Concen: 41.721 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:154 Resp: 810577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.0 | 87.8 | 131.8 |
| 152 | 52.1 | 43.4 | 65.2 |



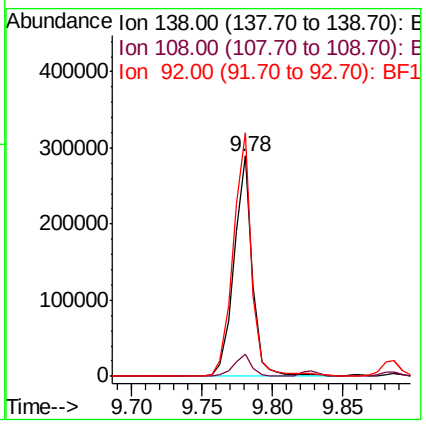


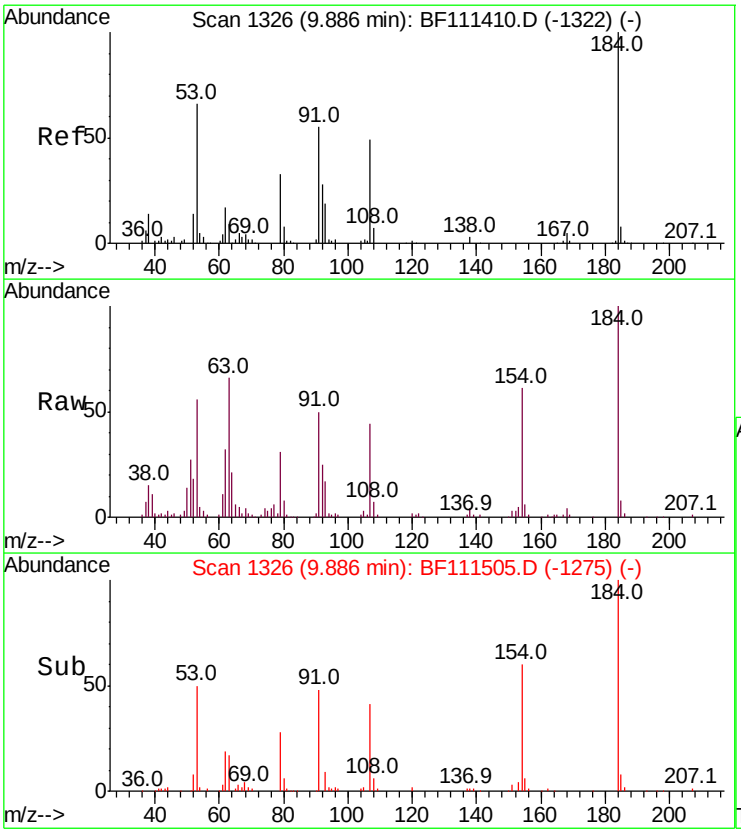

#53
3-Nitroaniline
Concen: 41.064 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 259976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 8.2 | 12.4 |
| 92 | 110.6 | 93.4 | 140.2 |

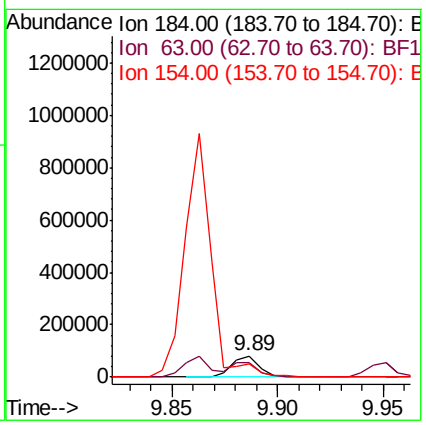


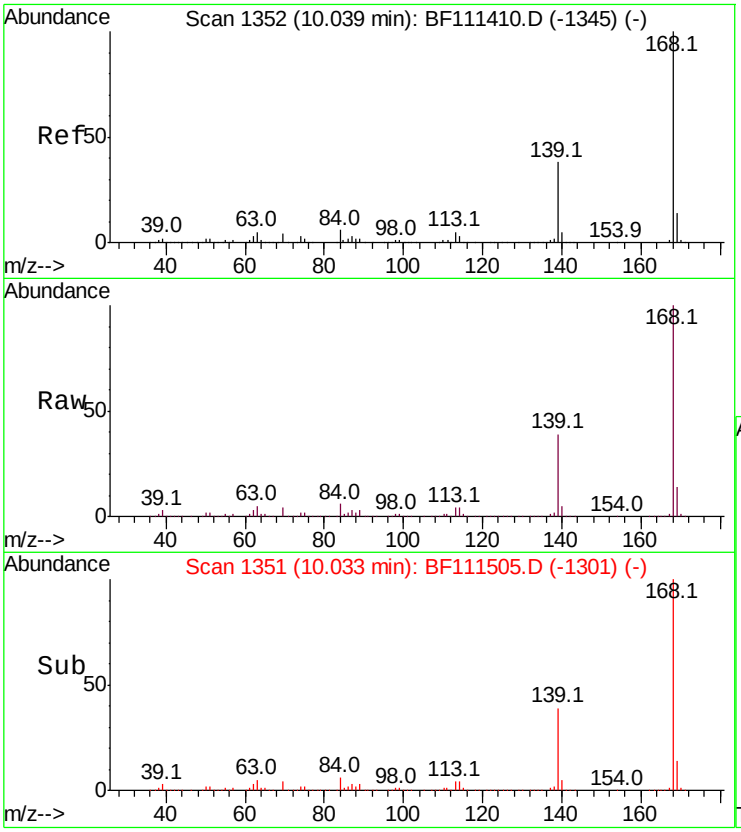




#54
2,4-Dinitrophenol
Concen: 37.608 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:184 Resp: 74576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 65.8 | 62.3 | 93.5 |
| 154 | 60.5 | 56.2 | 84.2 |



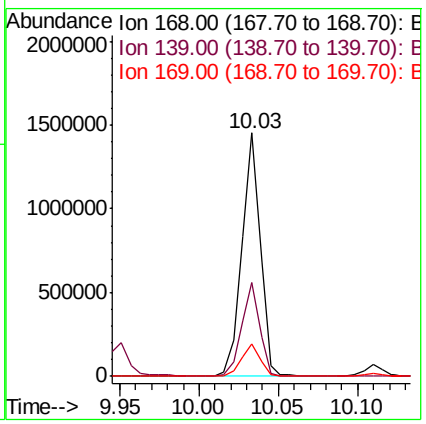


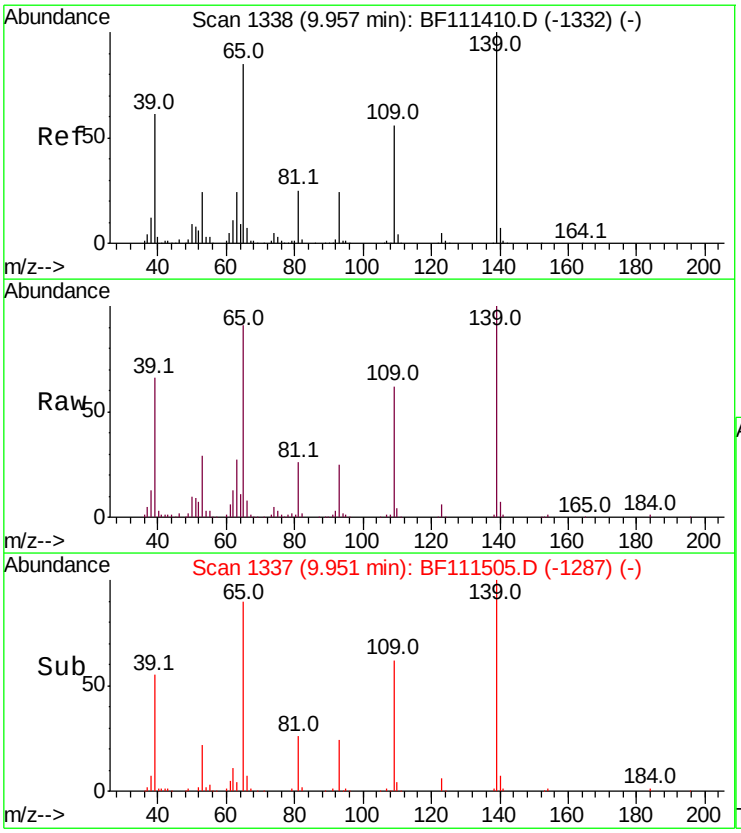

#55
Dibenzofuran
Concen: 41.541 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 1171488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.5 | 32.6 | 49.0 |
| 169 | 13.6 | 11.8 | 17.6 |

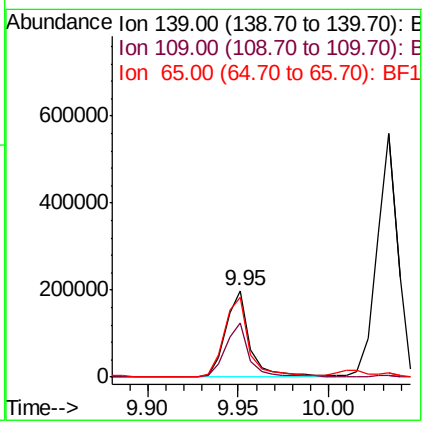


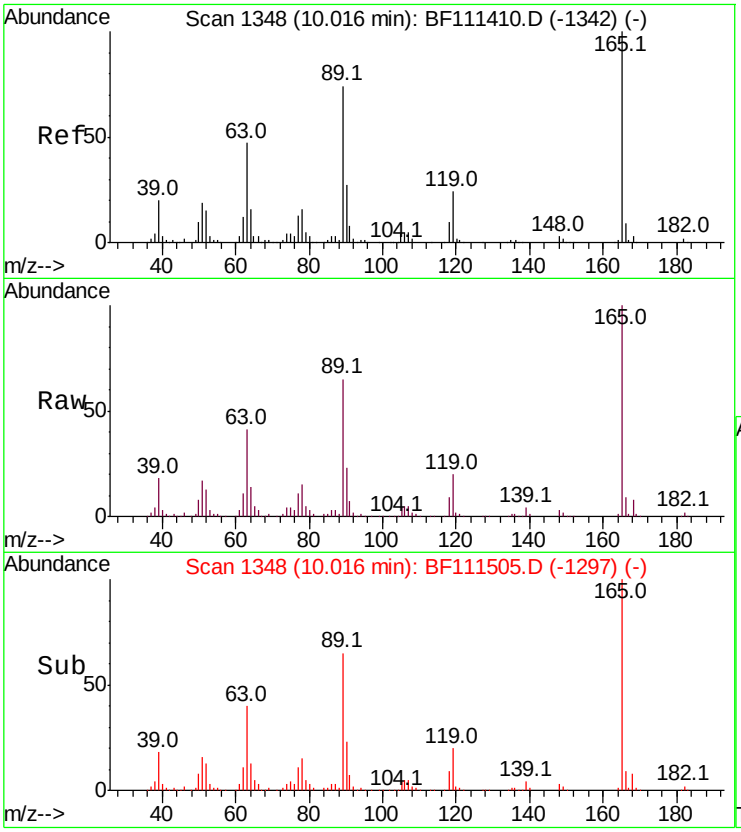




#56
4-Nitrophenol
Concen: 42.507 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:139 Resp: 186237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.4 | 41.8 | 81.8 |
| 65 | 91.3 | 79.6 | 119.6 |



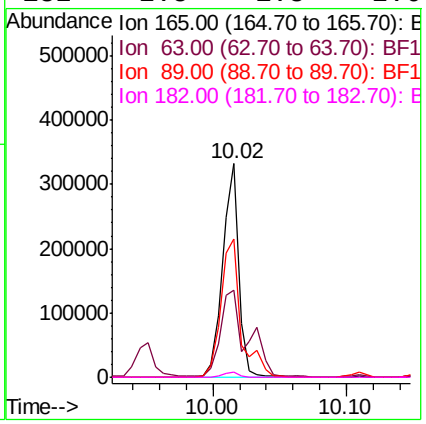


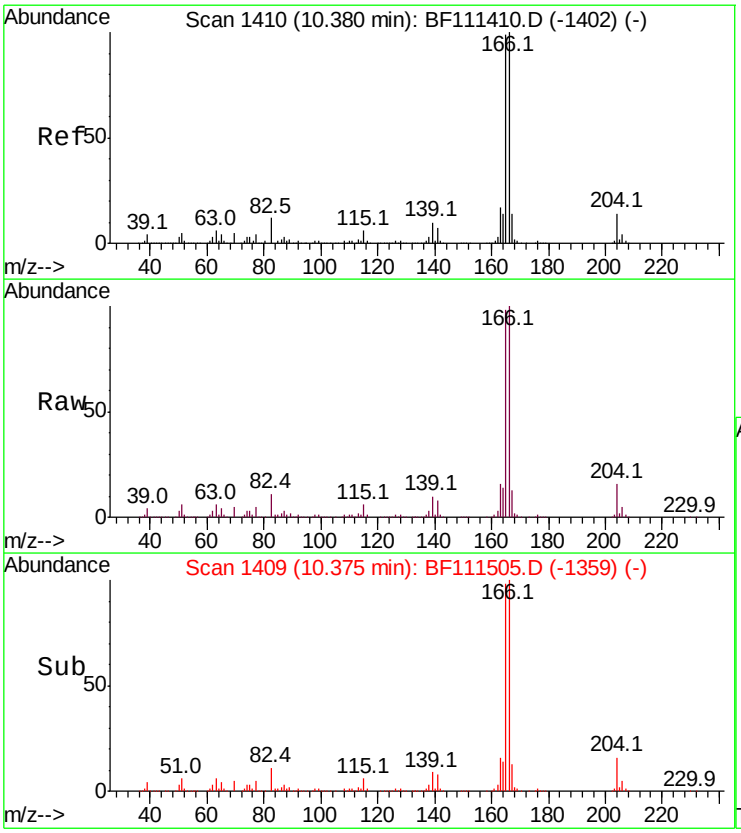

#57
2,4-Dinitrotoluene
Concen: 41.813 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 286051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.6 | 34.6 | 52.0 |
| 89 | 64.8 | 56.2 | 84.4 |
| 182 | 2.5 | 1.8 | 2.6 |

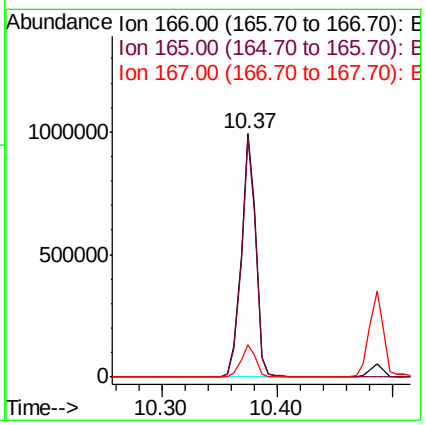


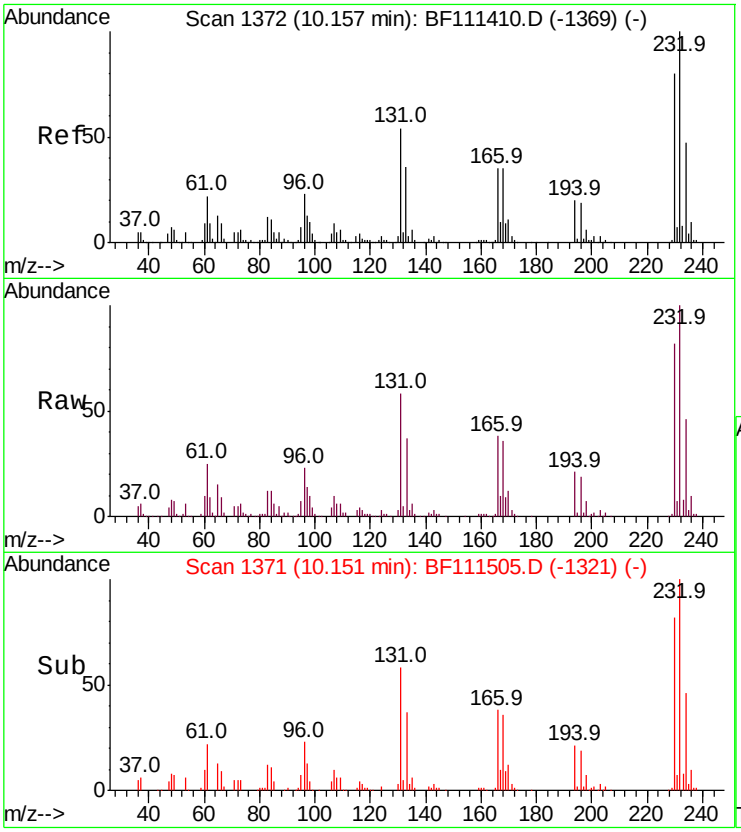




#58
Fluorene
Concen: 42.215 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:166 Resp: 863508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 78.4 | 117.6 |
| 167 | 13.5 | 11.2 | 16.8 |



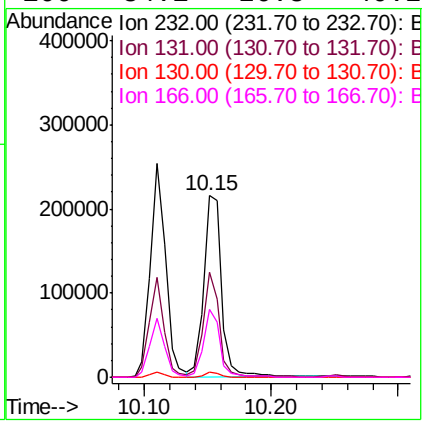


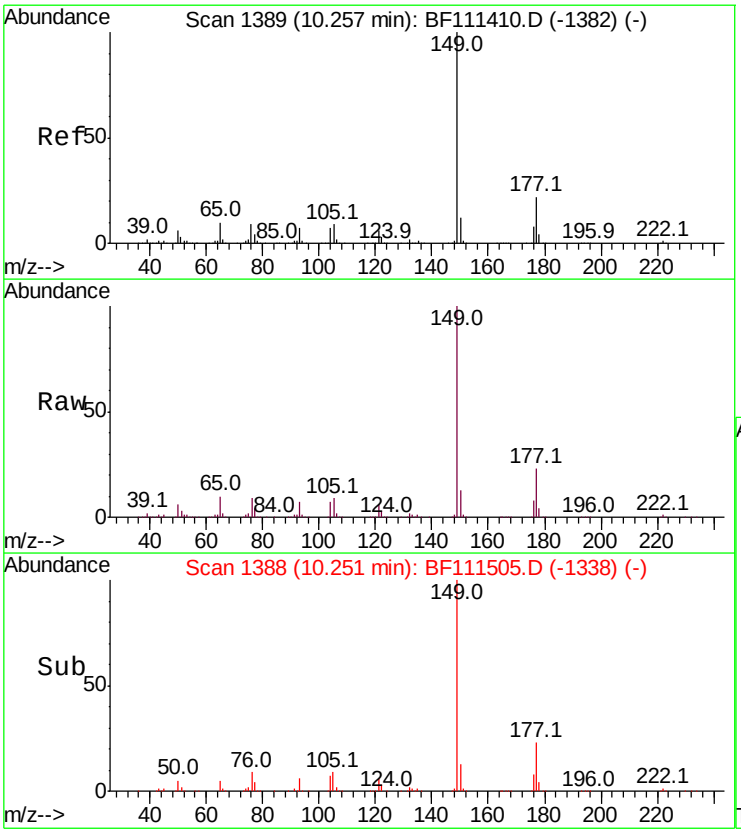

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.155 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 213543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 51.3 | 40.9 | 61.3 |
| 130 | 2.4 | 2.0 | 3.0 |
| 166 | 34.1 | 26.8 | 40.2 |

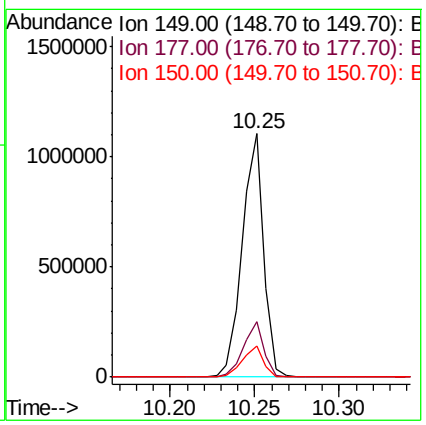


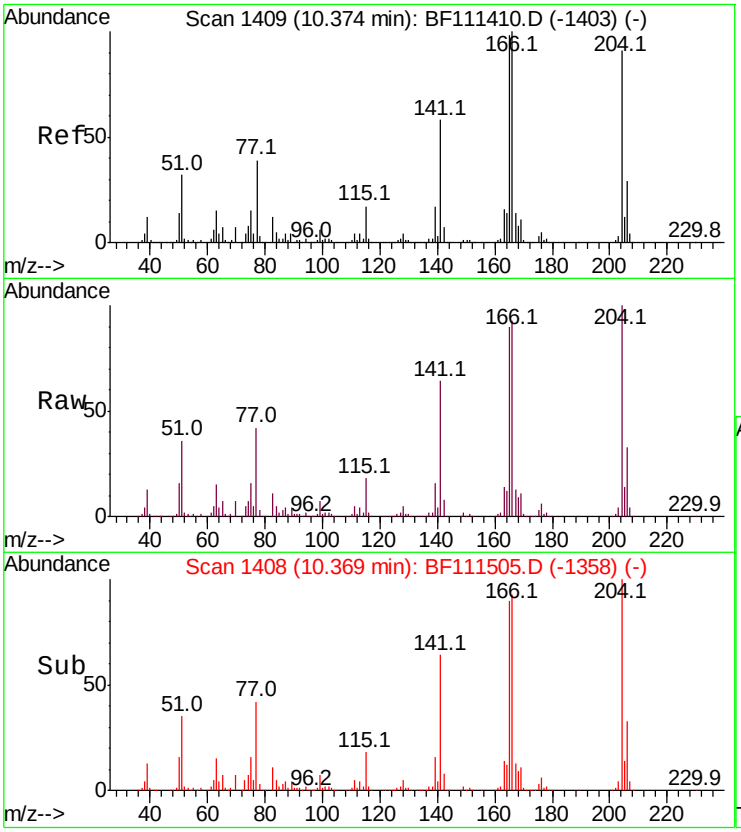




#60
Diethylphthalate
Concen: 41.553 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:149 Resp: 974665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 18.3 | 27.5 |
| 150 | 12.8 | 10.6 | 15.8 |



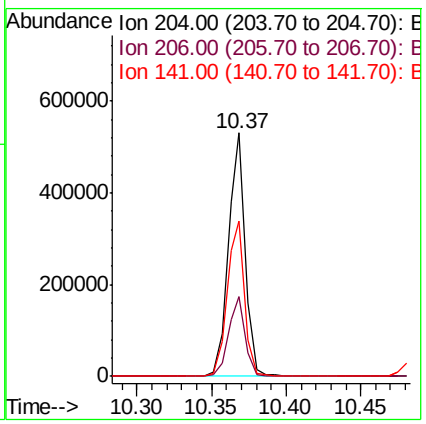


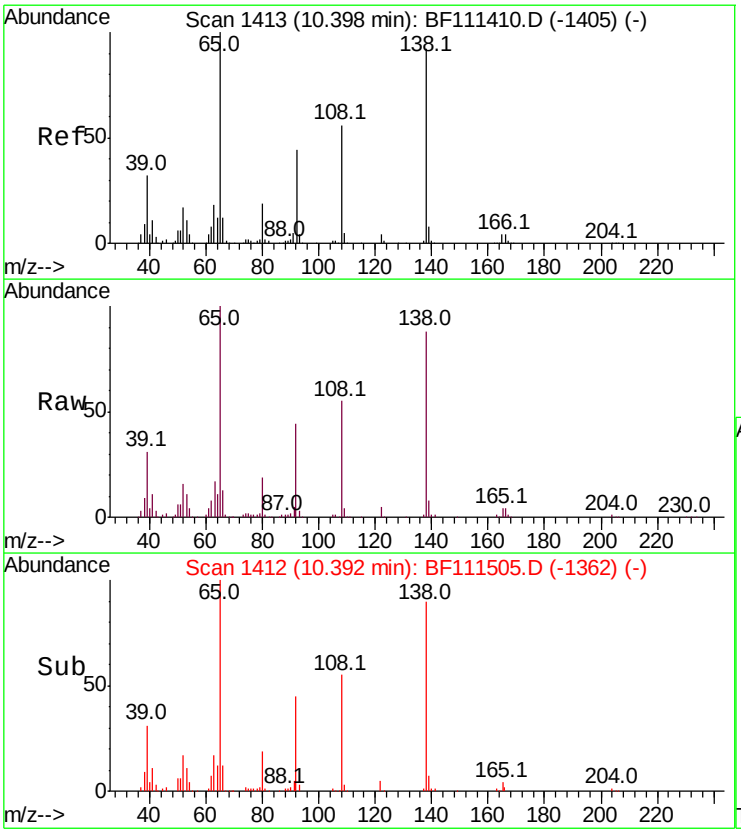

#61
4-Chlorophenyl-phenylether
Concen: 42.275 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 423081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.6 | 39.8 |
| 141 | 63.9 | 52.6 | 78.8 |

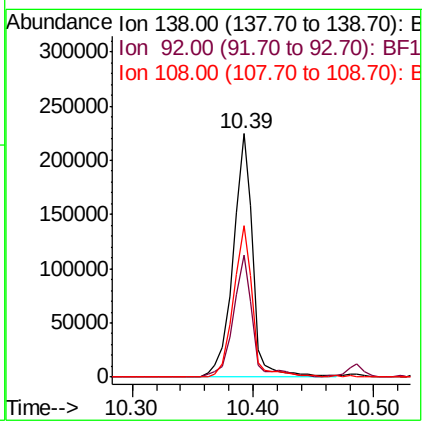


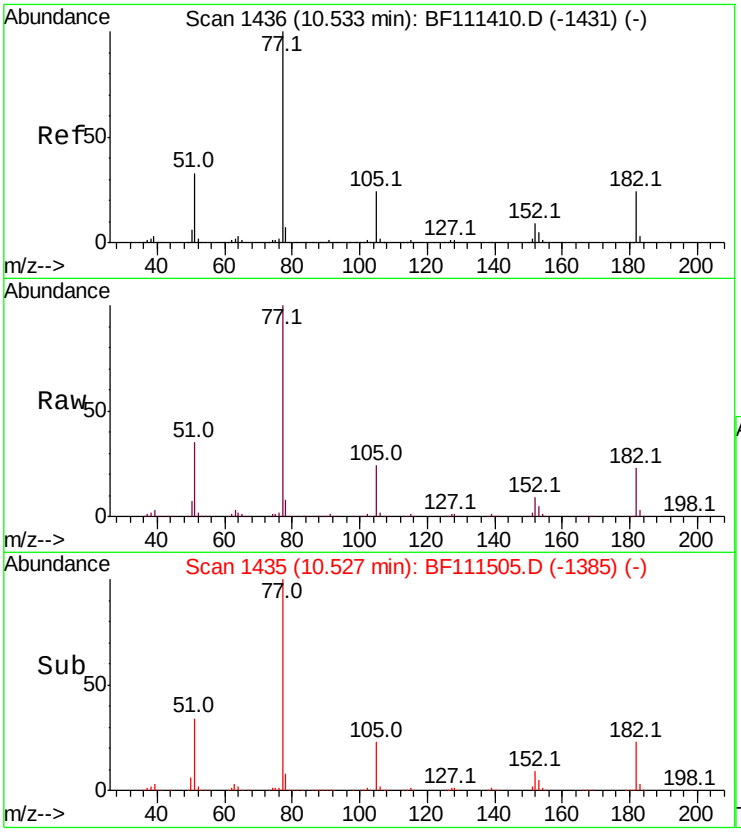




#62
4-Nitroaniline
Concen: 40.701 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:138 Resp: 255084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.9 | 29.9 | 69.9 |
| 108 | 62.3 | 43.2 | 83.2 |



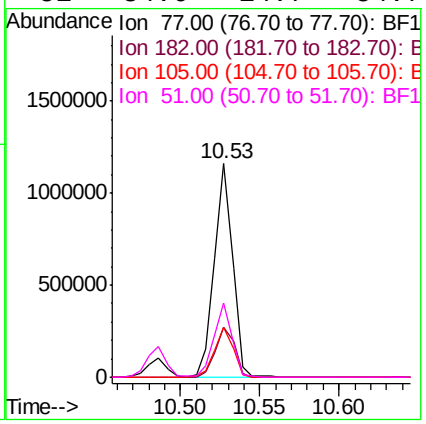


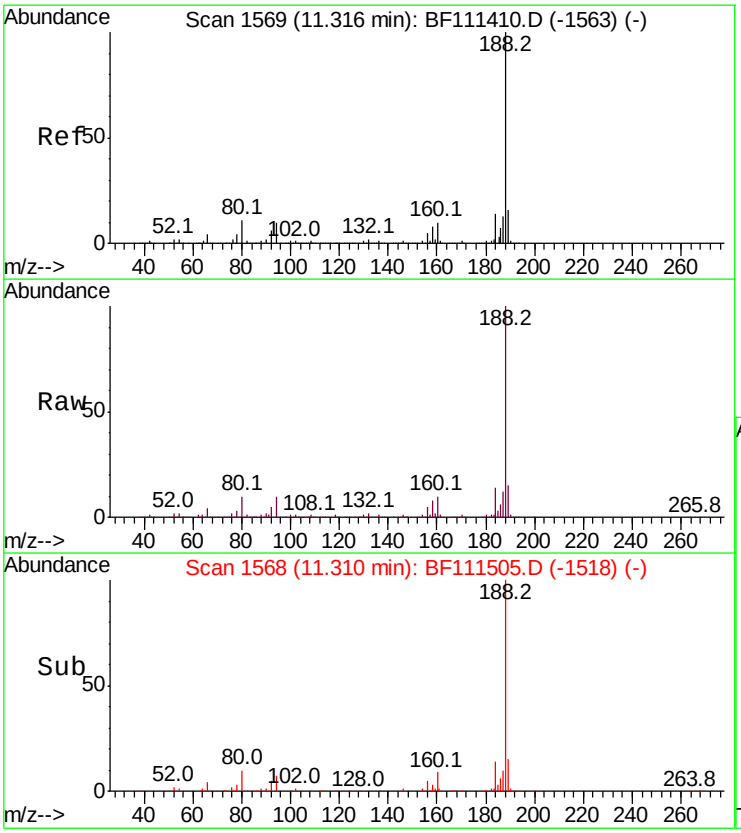

#63
Azobenzene
Concen: 40.400 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 934215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.3 | 4.9 | 44.9 |
| 105 | 23.5 | 6.0 | 46.0 |
| 51 | 34.6 | 14.7 | 54.7 |

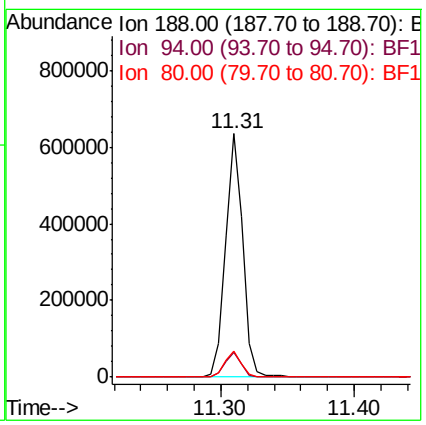


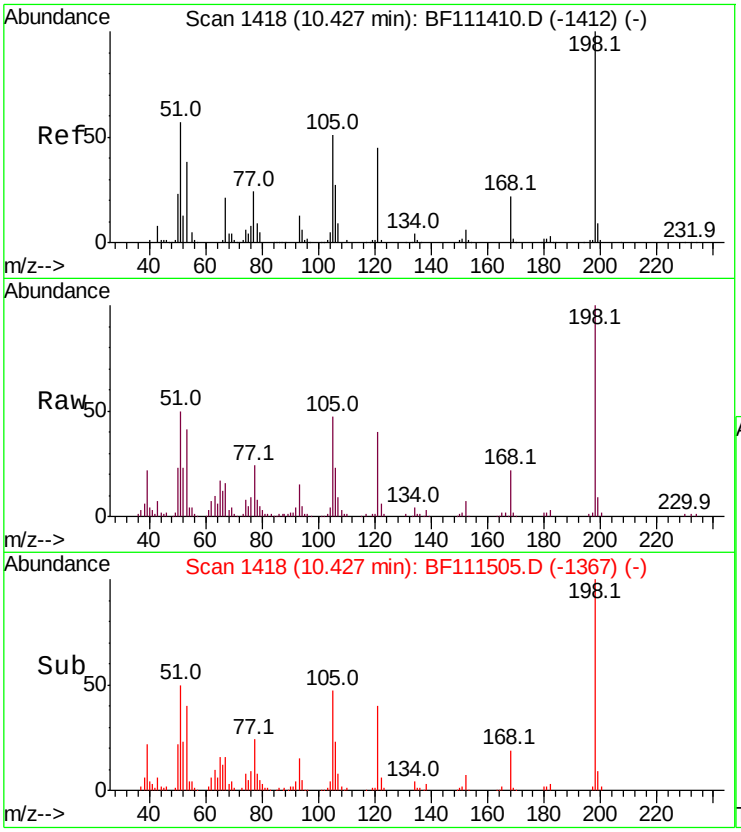




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:188 Resp: 579902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 9.6 | 14.4 |
| 80 | 10.5 | 9.8 | 14.6 |



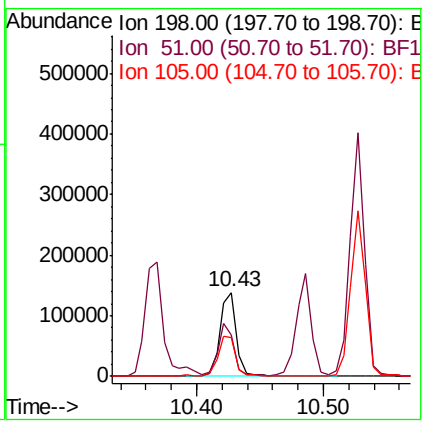


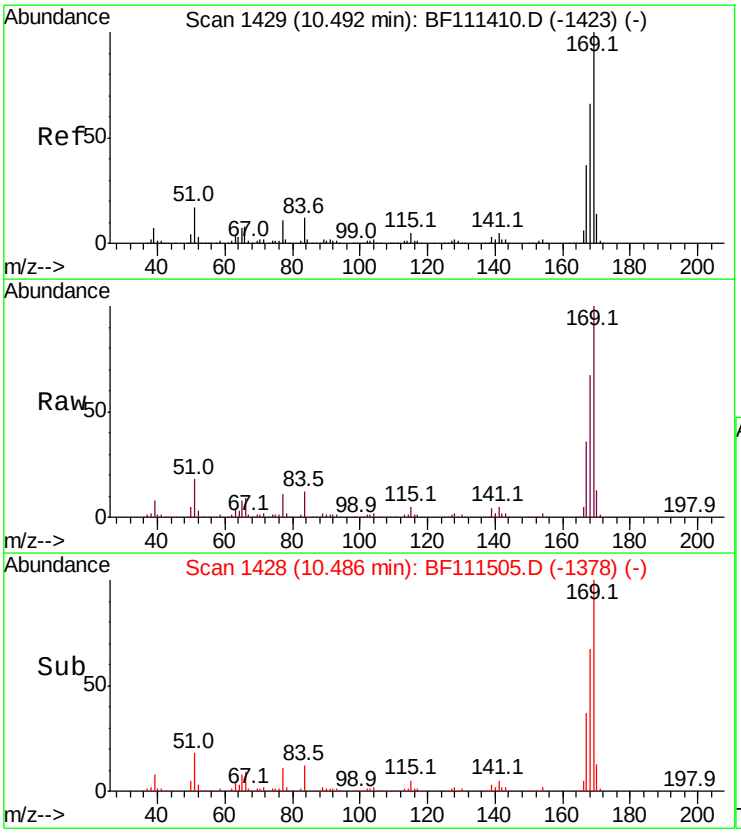

#65
4,6-Dinitro-2-methylphenol
Concen: 38.440 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 125844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 49.9 | 48.0 | 88.0 |
| 105 | 46.8 | 34.0 | 74.0 |

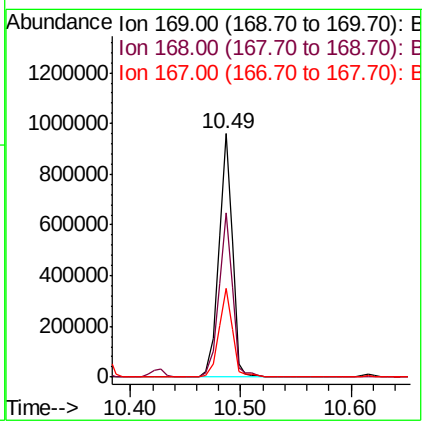


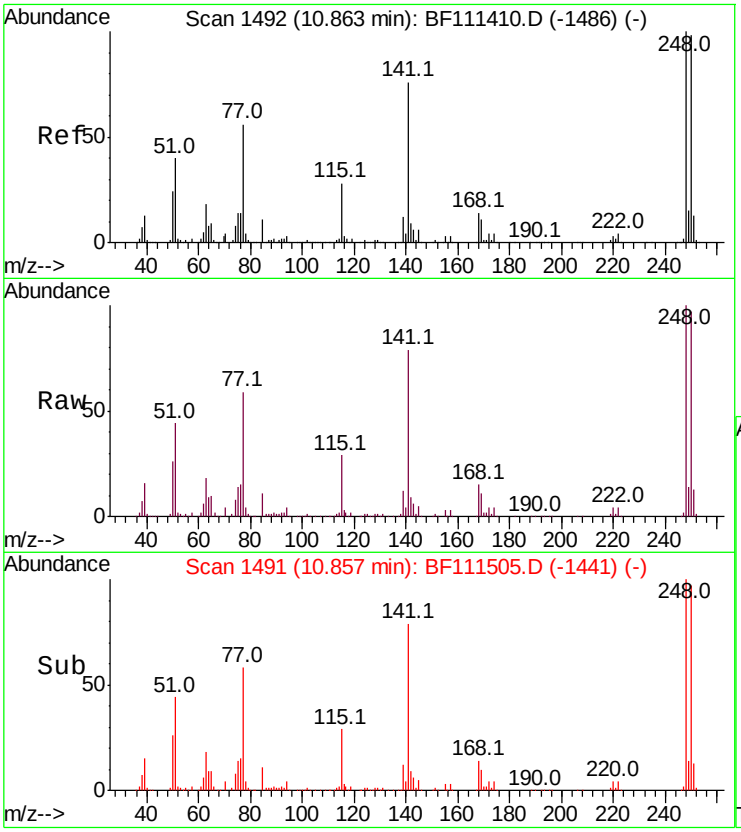




#66
n-Nitrosodiphenylamine
Concen: 41.127 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:169 Resp: 822455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 54.4 | 81.6 |
| 167 | 36.5 | 30.5 | 45.7 |



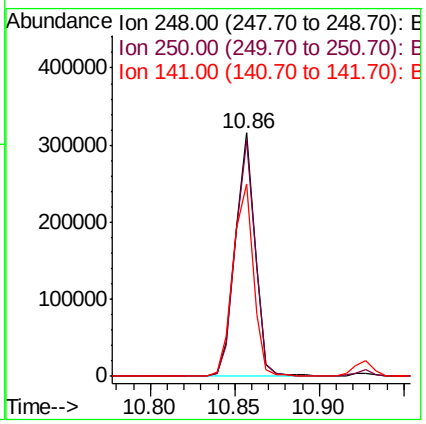


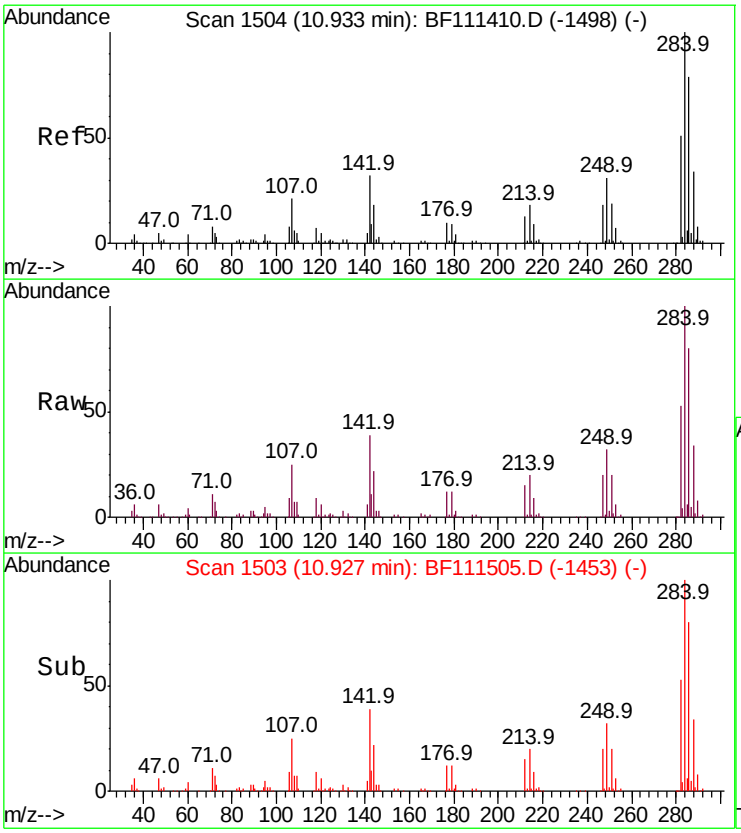

#67
4-Bromophenyl-phenylether
Concen: 40.861 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 255389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.9 | 77.0 | 115.4 |
| 141 | 78.8 | 63.0 | 94.6 |

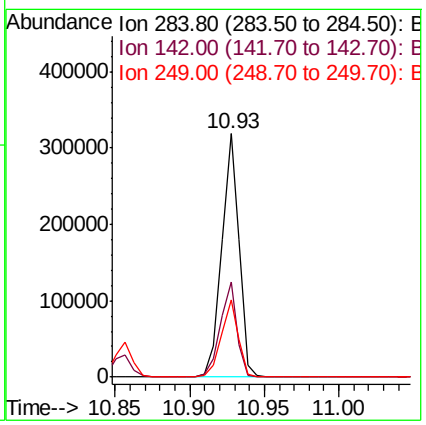


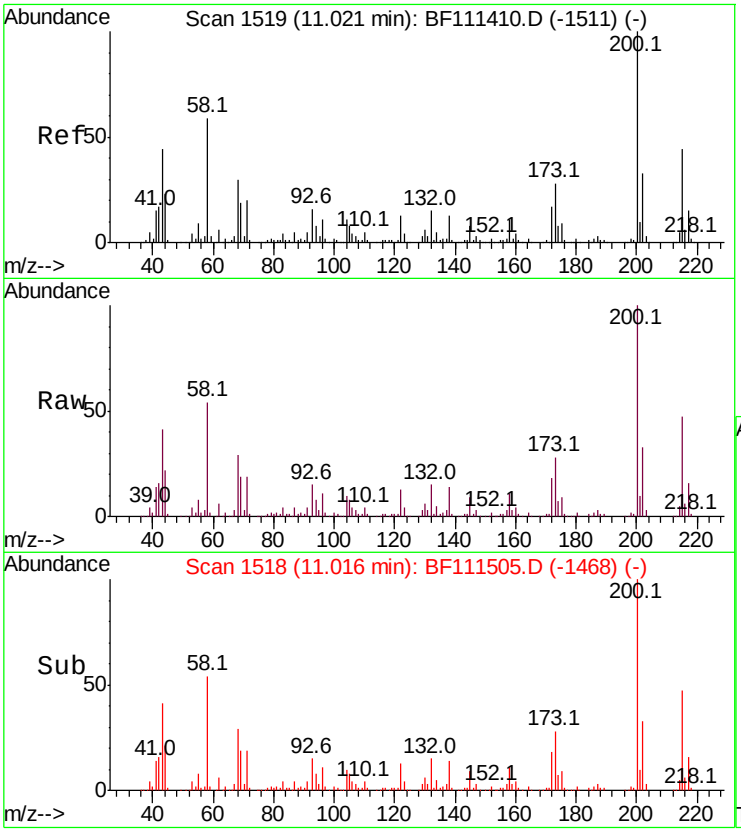




#68
Hexachlorobenzene
Concen: 40.988 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:284 Resp: 263518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 38.9 | 27.4 | 41.2 |
| 249 | 31.6 | 24.4 | 36.6 |



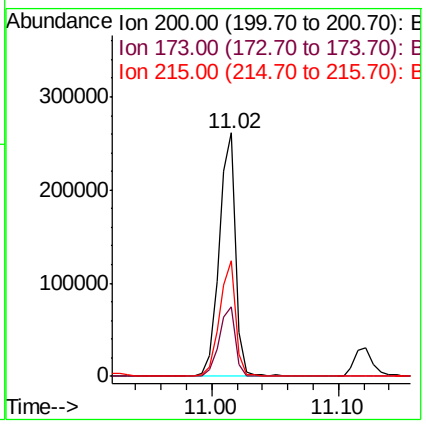


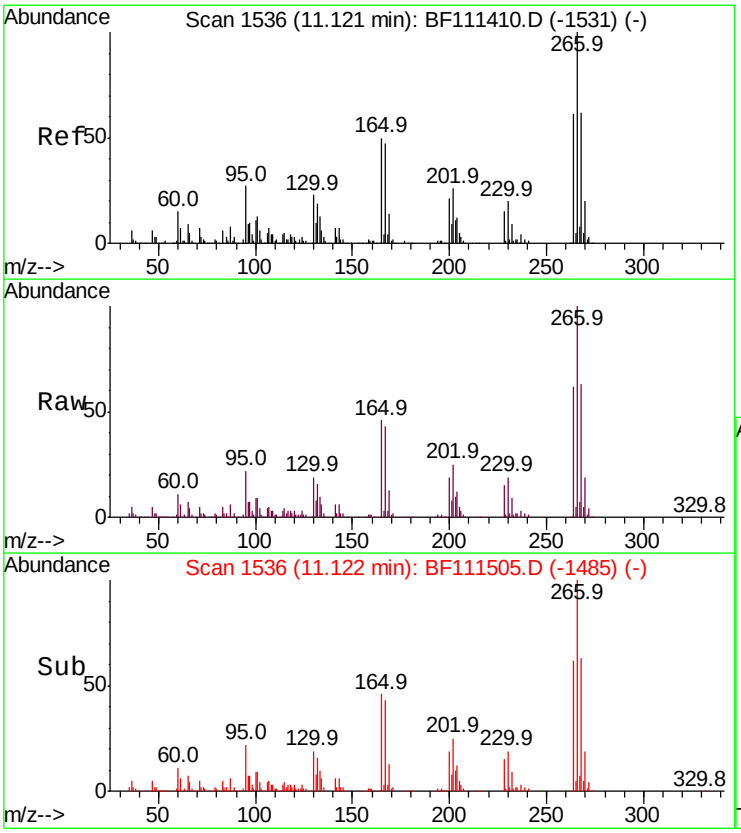

#69
Atrazine
Concen: 40.941 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 236612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.4 | 10.1 | 50.1 |
| 215 | 47.4 | 26.9 | 66.9 |

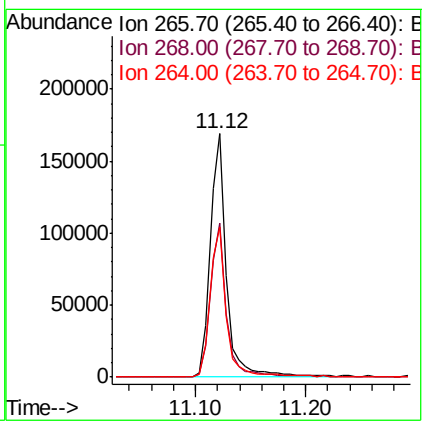


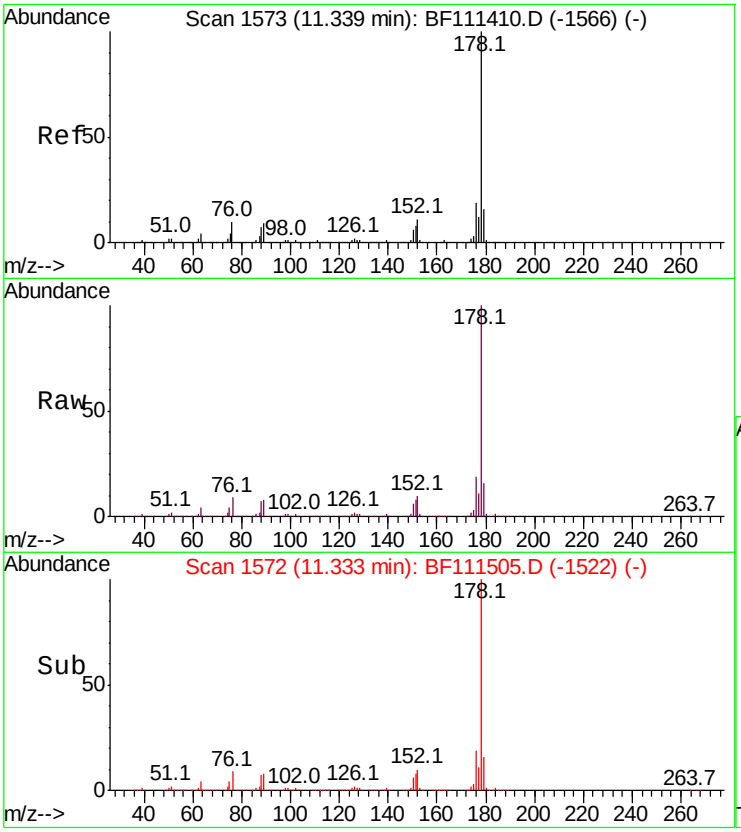




#70
Pentachlorophenol
Concen: 42.809 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:266 Resp: 168813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 47.9 | 71.9 |
| 264 | 61.9 | 49.1 | 73.7 |



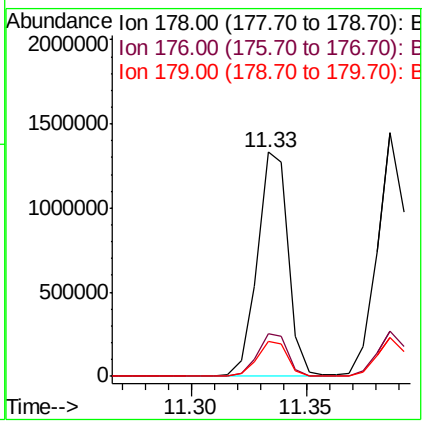


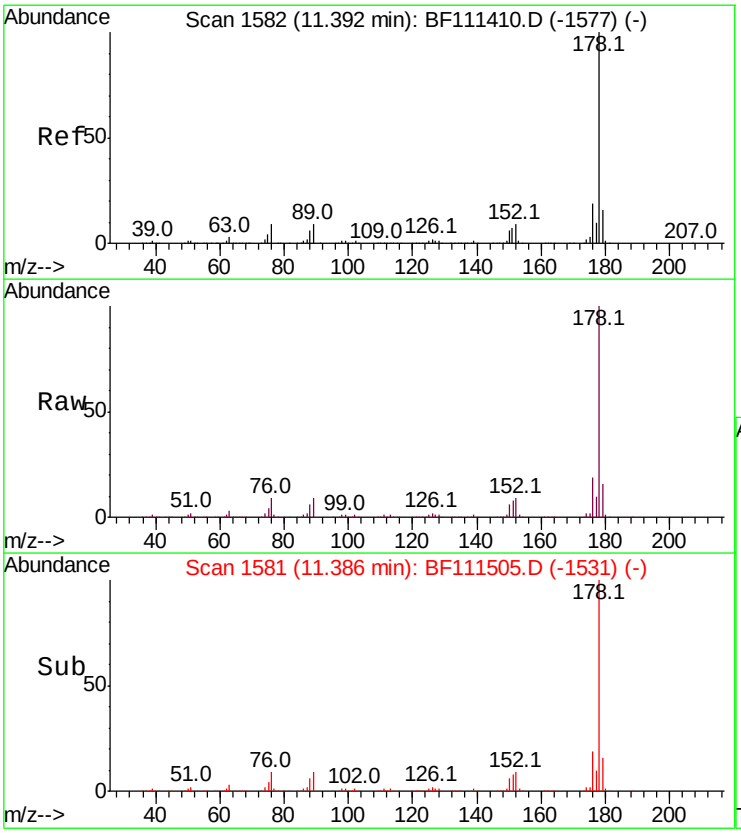

#71
Phenanthrene
Concen: 41.636 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 1244147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 18.1 | 27.1 |
| 179 | 15.9 | 14.0 | 21.0 |

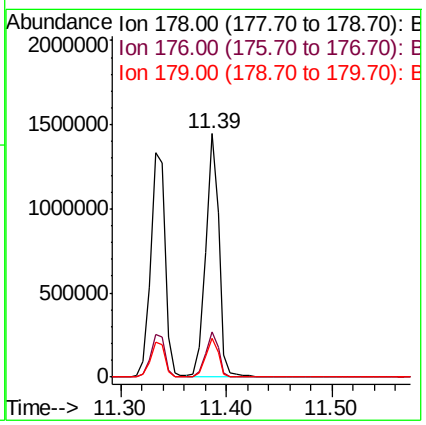


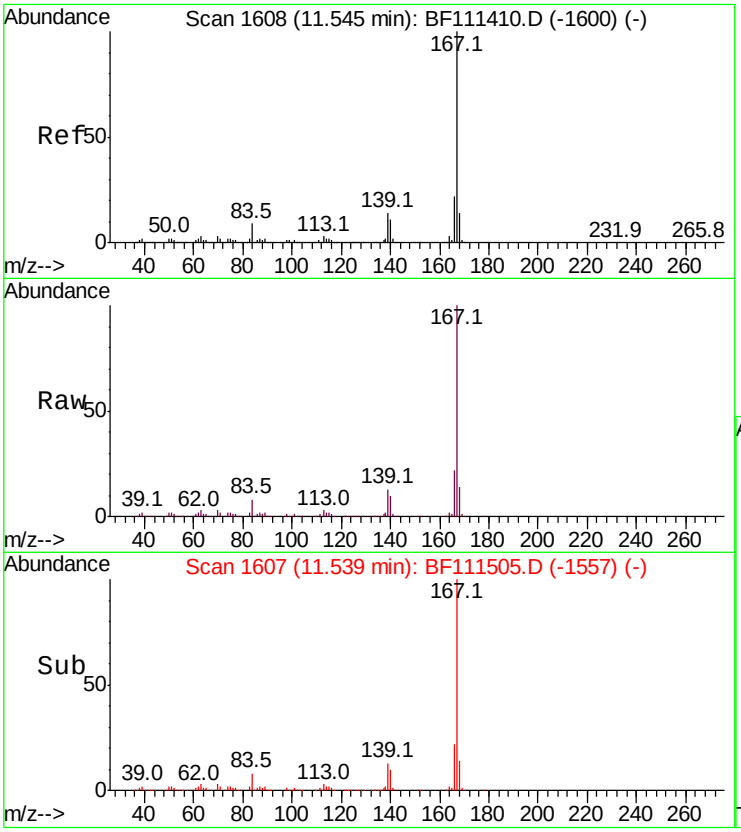




#72
Anthracene
Concen: 41.213 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:178 Resp: 1259434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 17.2 | 25.8 |
| 179 | 15.8 | 13.8 | 20.8 |



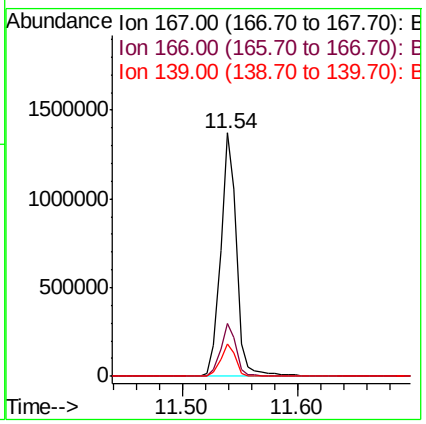


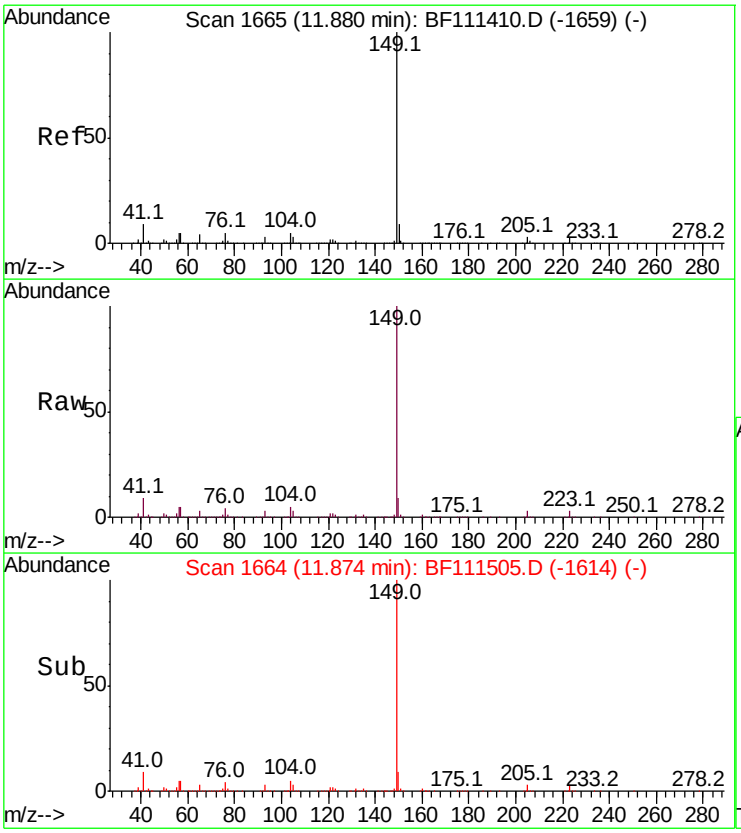

#73
Carbazole
Concen: 41.336 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 1306255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 19.3 | 28.9 |
| 139 | 13.5 | 11.9 | 17.9 |

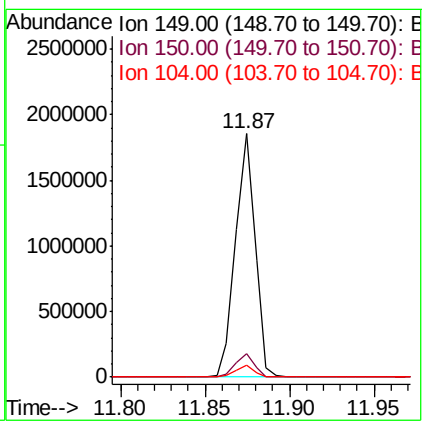


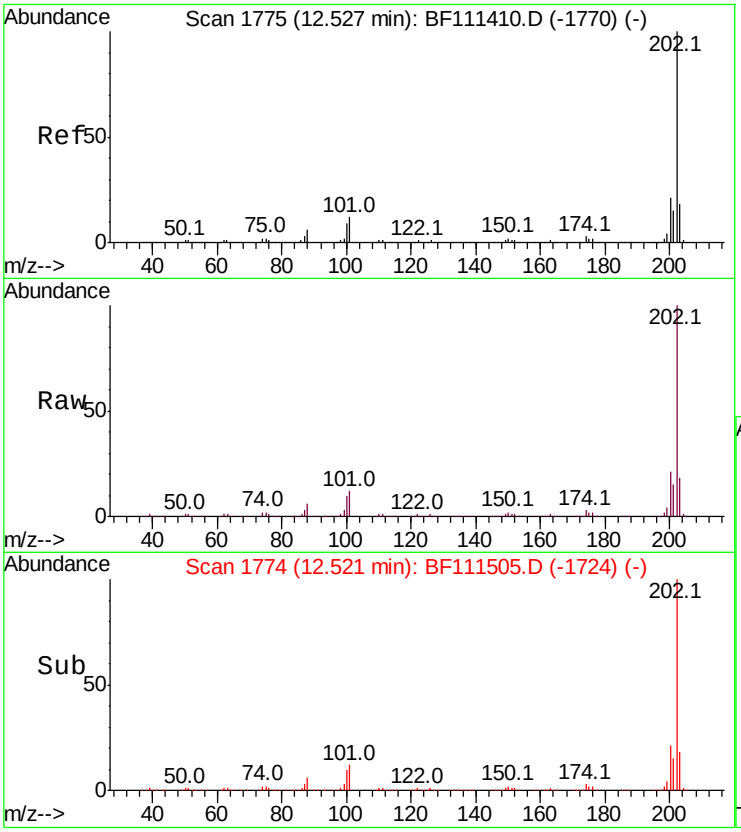




#74
Di-n-butylphthalate
Concen: 42.687 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:149 Resp: 1502307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 8.8 | 13.2 |
| 104 | 4.9 | 4.5 | 6.7 |



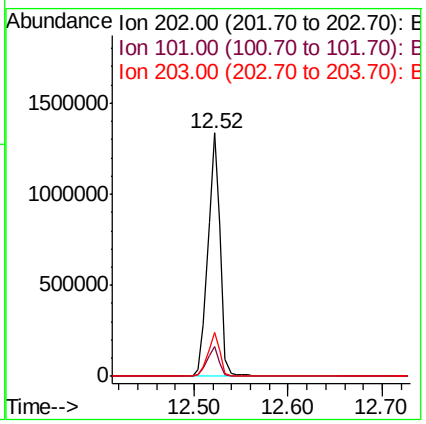


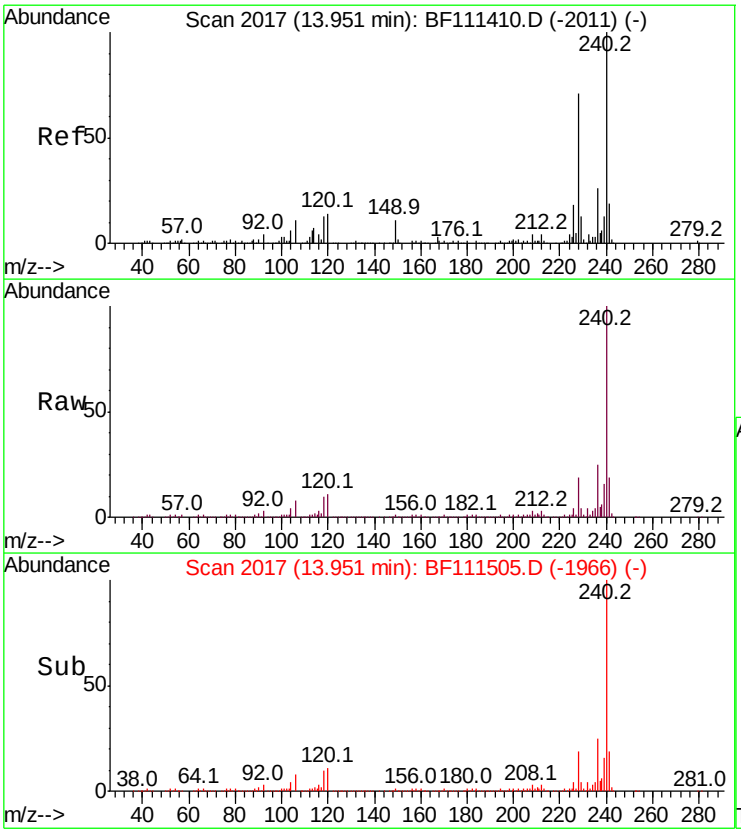

#75
Fluoranthene
Concen: 42.164 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 1232574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 33.8 |
| 203 | 17.8 | 0.0 | 38.6 |

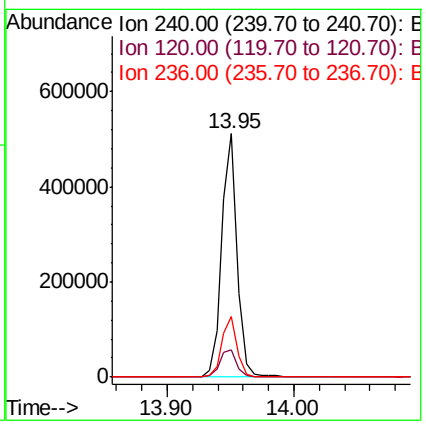


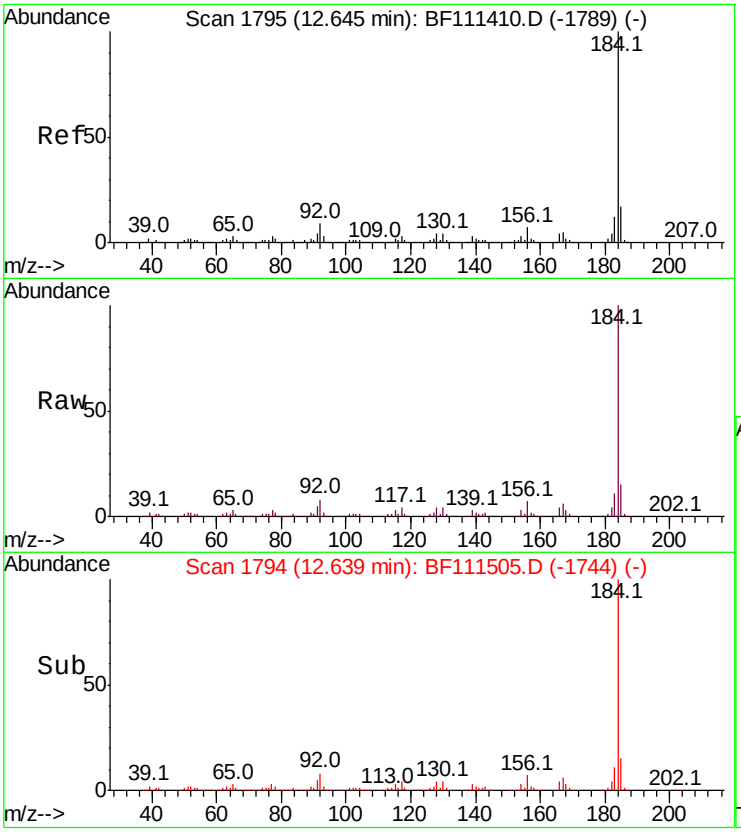




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:240 Resp: 432968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 12.2 | 18.2# |
| 236 | 24.8 | 20.2 | 30.2 |



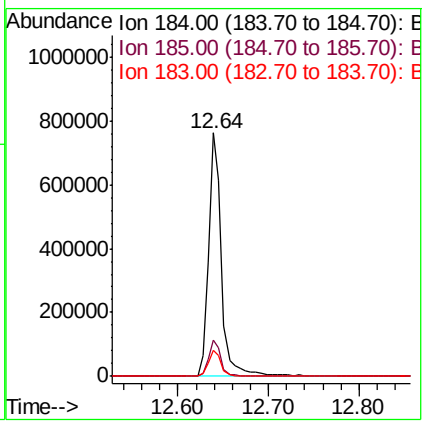


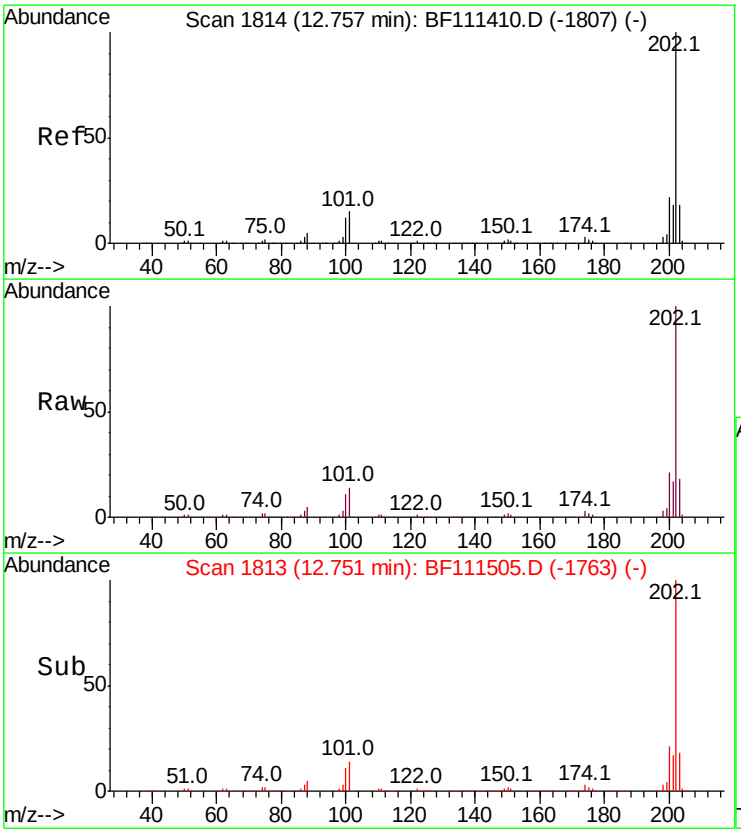

#77
Benzidine
Concen: 48.120 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 765871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 13.0 | 19.6 |
| 183 | 10.9 | 9.3 | 13.9 |

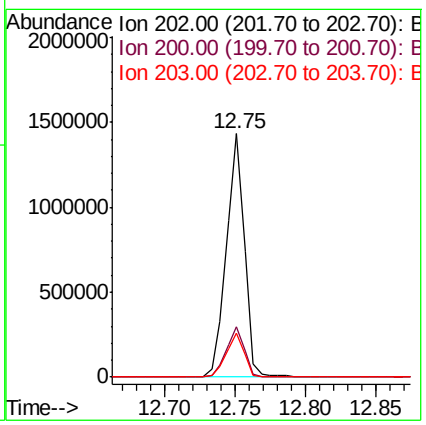


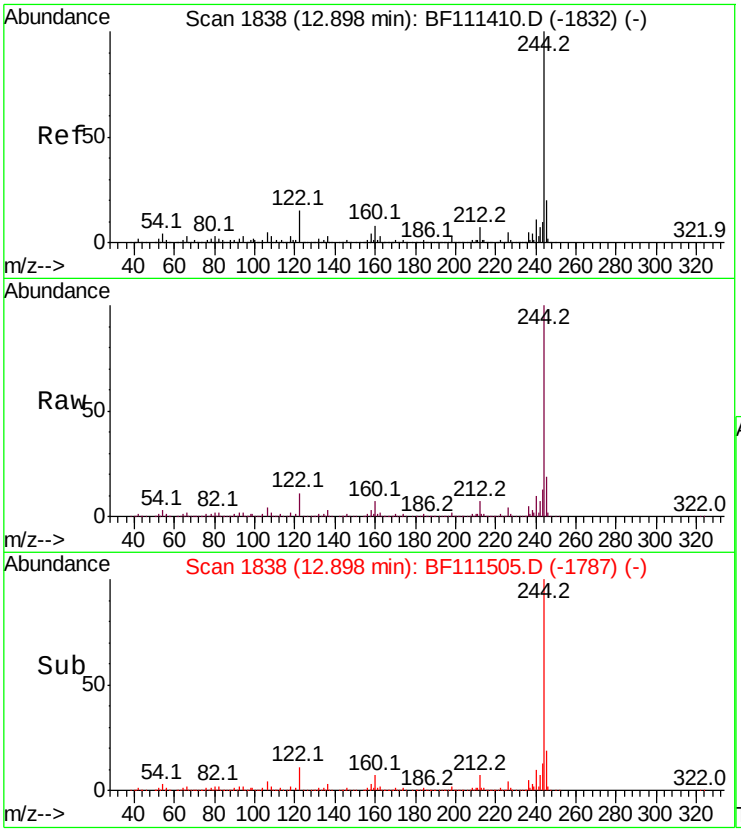




#78
Pyrene
Concen: 41.715 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:202 Resp: 1273374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 19.0 | 28.4 |
| 203 | 18.1 | 15.2 | 22.8 |



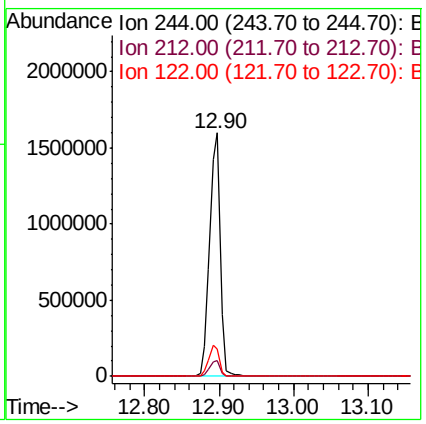


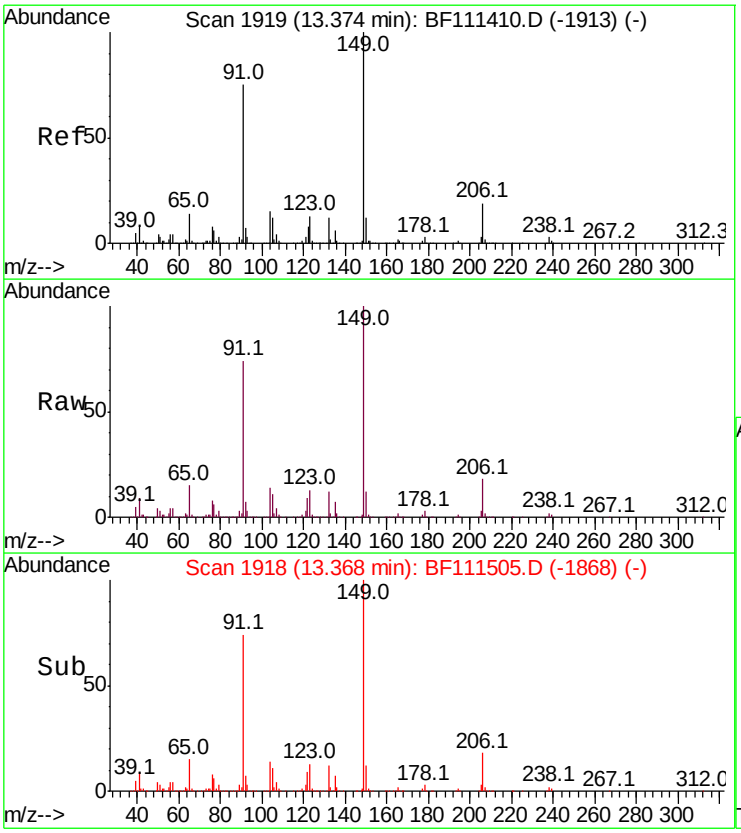

#79
Terphenyl-d14
Concen: 85.494 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 1576341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.7 | 8.5 |
| 122 | 11.4 | 13.1 | 19.7# |

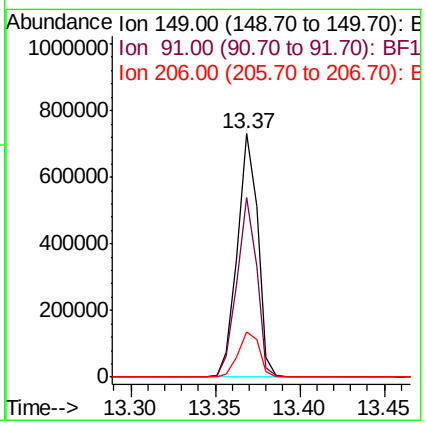


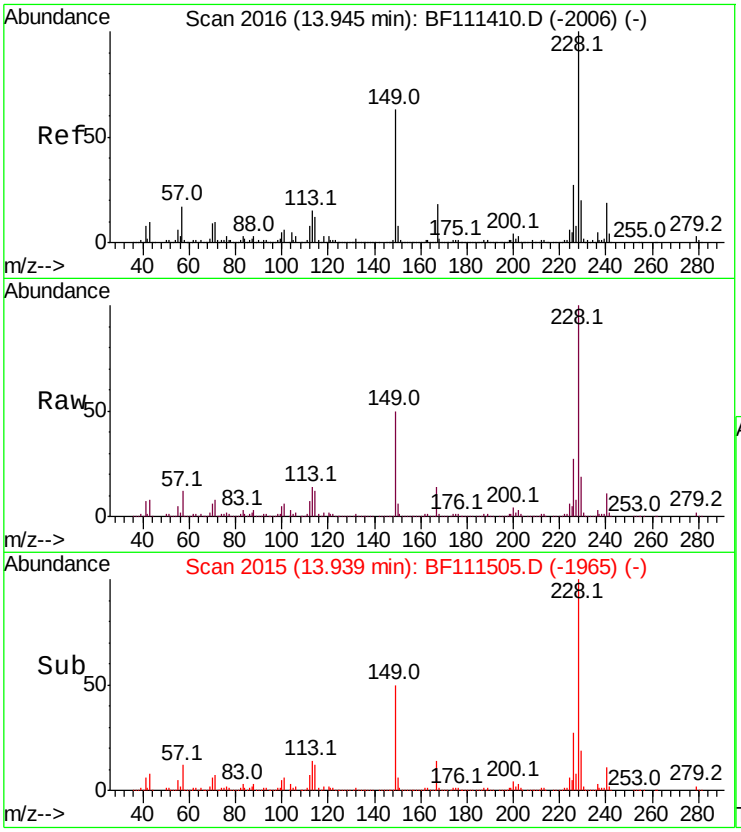




#80
Butylbenzylphthalate
Concen: 41.550 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:149 Resp: 618223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 73.9 | 63.8 | 95.6 |
| 206 | 18.3 | 15.1 | 22.7 |



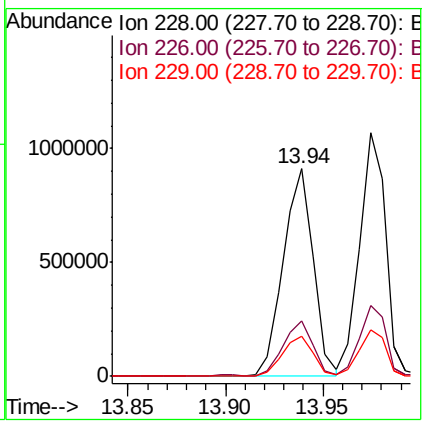


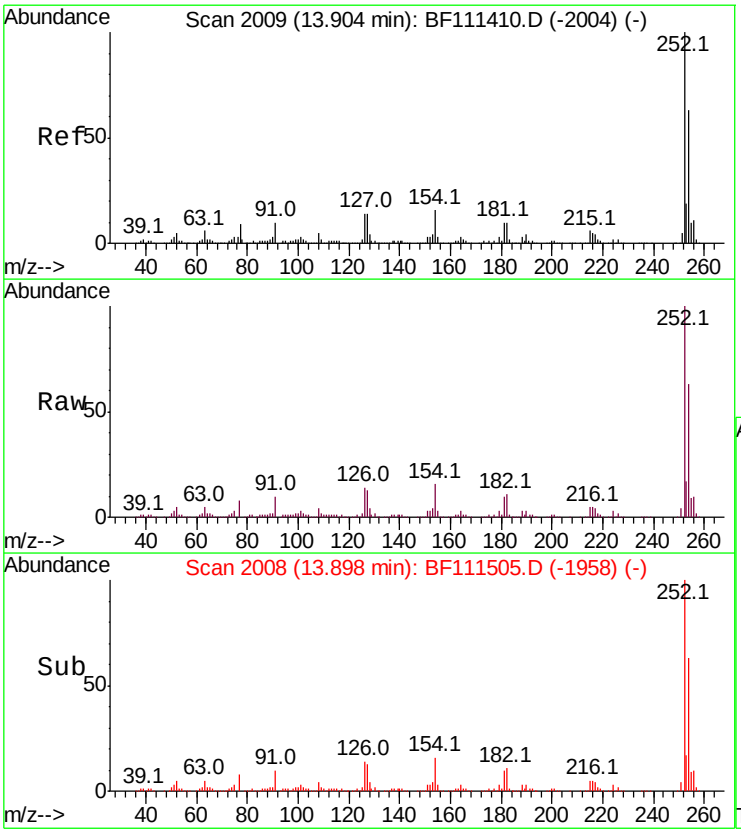

#81
Benzo(a)anthracene
Concen: 41.319 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 972733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 22.6 | 34.0 |
| 229 | 19.5 | 16.3 | 24.5 |

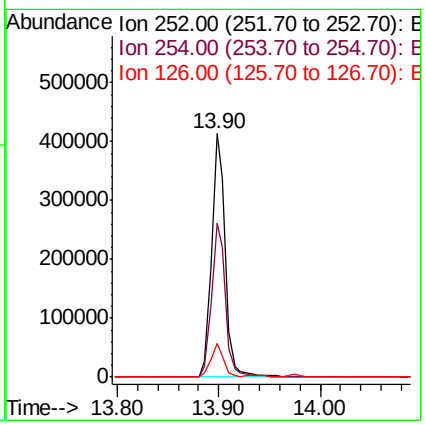


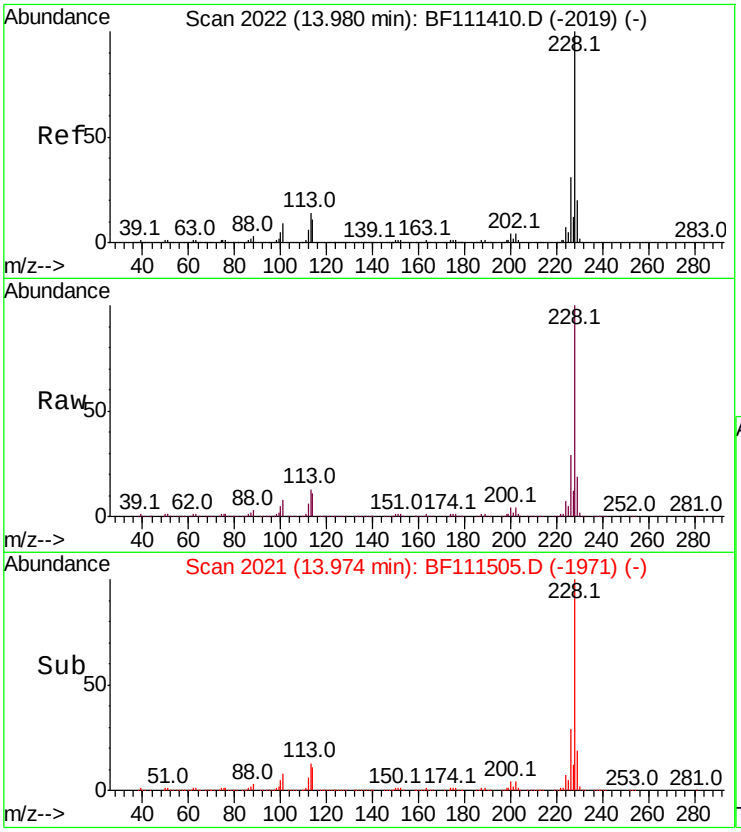




#82
3,3'-Dichlorobenzidine
Concen: 40.632 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:252 Resp: 388869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.0 | 52.7 | 79.1 |
| 126 | 14.0 | 11.1 | 16.7 |



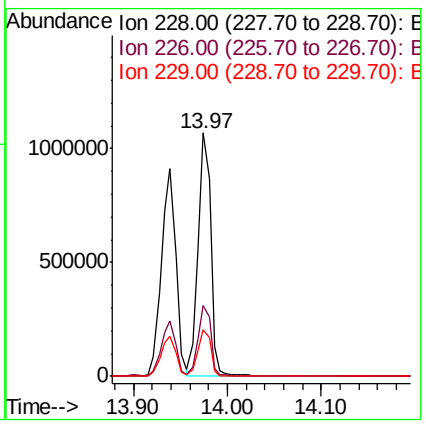


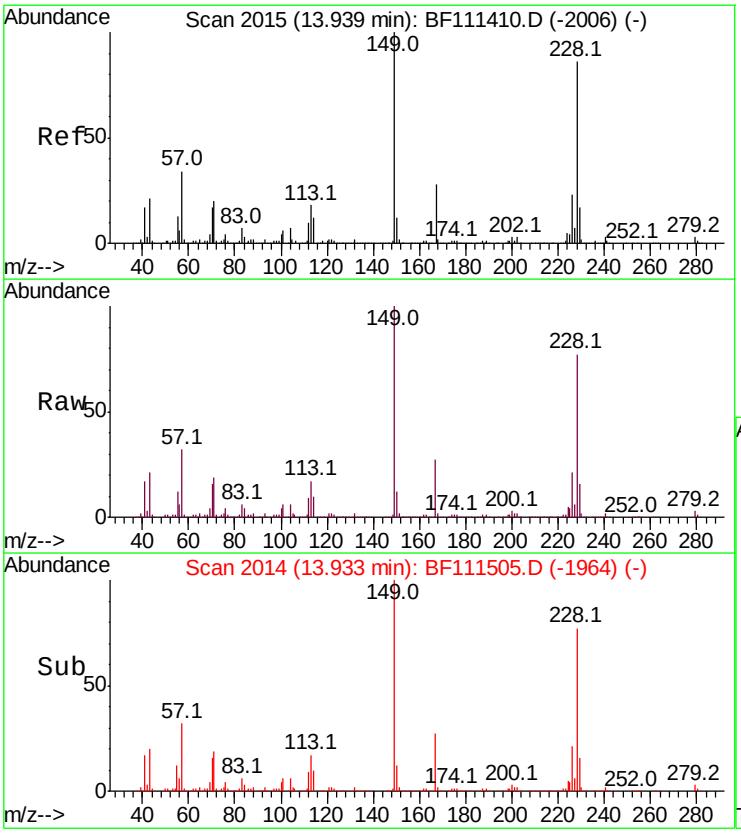

#83
Chrysene
Concen: 40.653 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 1008218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 25.3 | 37.9 |
| 229 | 19.0 | 17.2 | 25.8 |

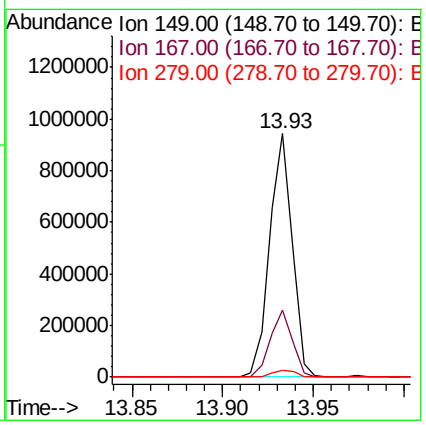


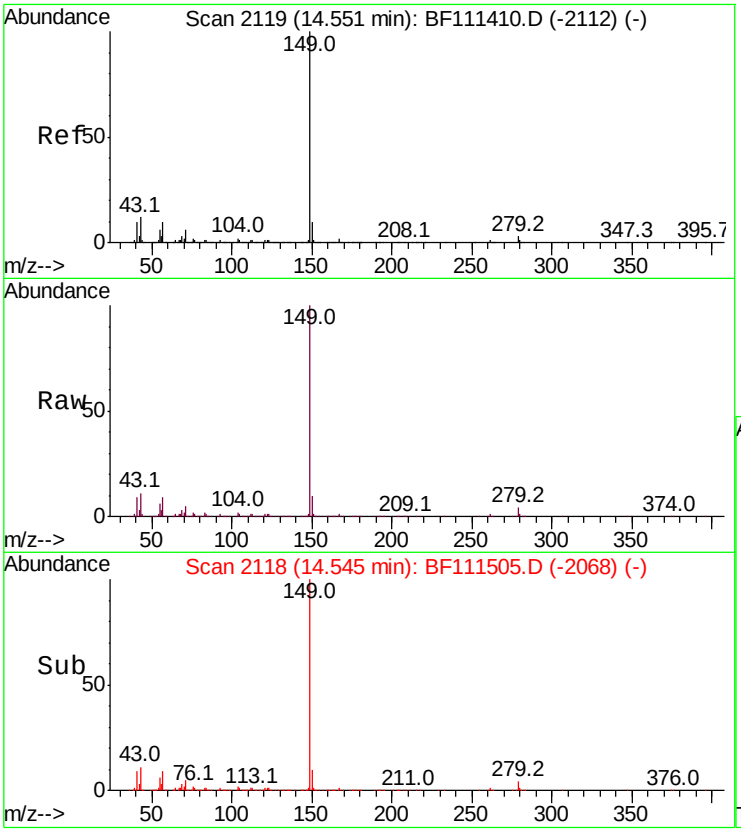




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.995 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:149 Resp: 817090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.5 | 33.7 |
| 279 | 3.1 | 2.6 | 4.0 |



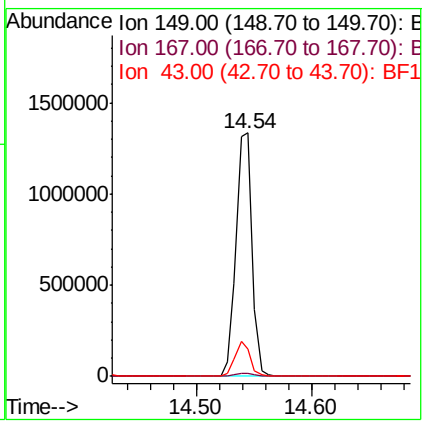


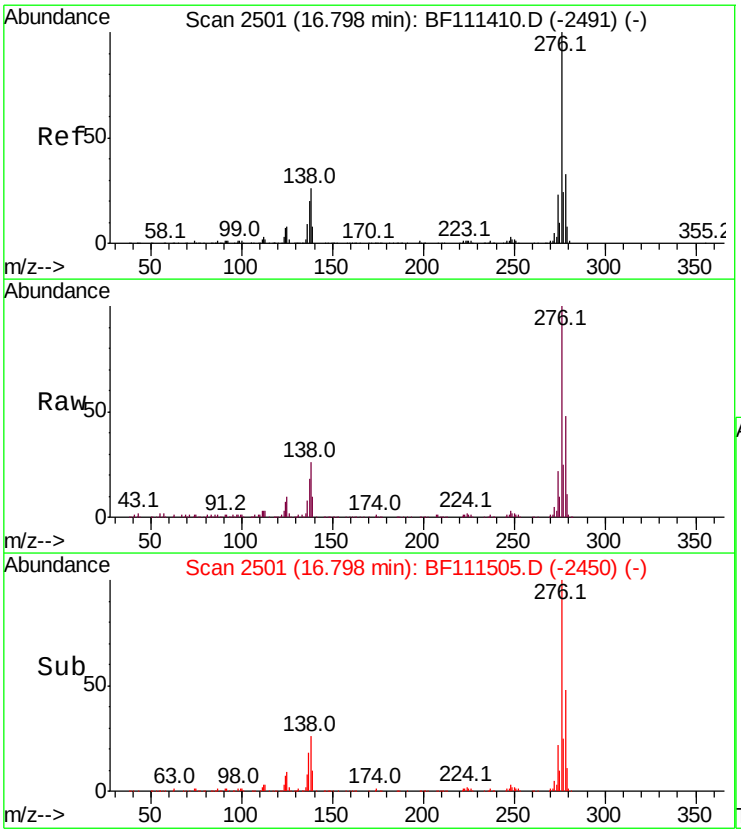

#85
Di-n-octyl phthalate
Concen: 40.360 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 1293772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 13.1 | 10.9 | 16.3 |

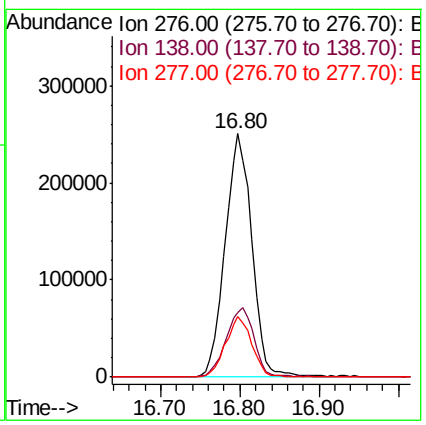


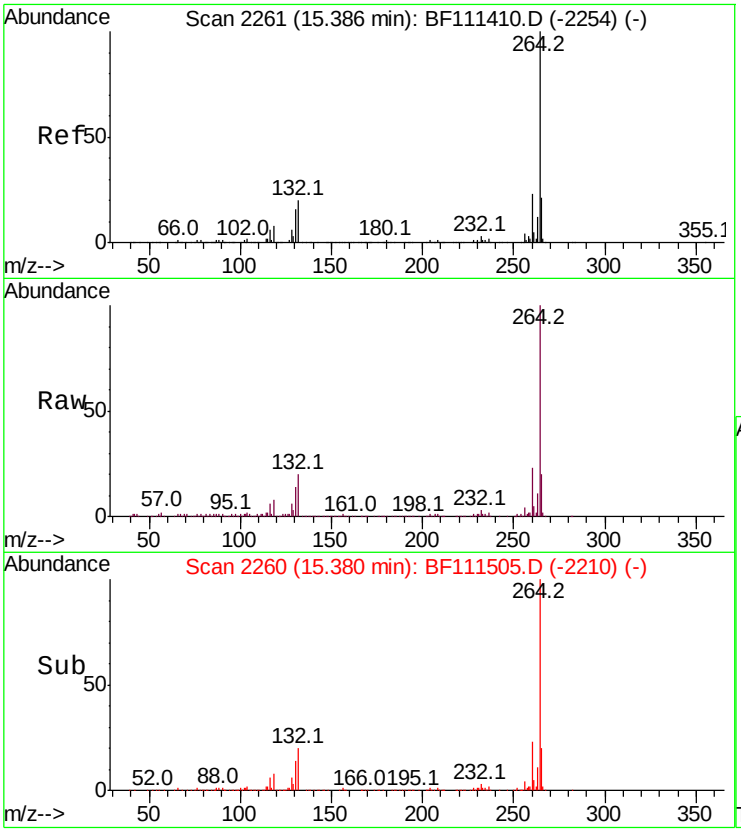




#86
Indeno(1,2,3-cd)pyrene
Concen: 32.766 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:276 Resp: 586474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.3 | 27.8 | 41.6 |
| 277 | 24.5 | 20.1 | 30.1 |



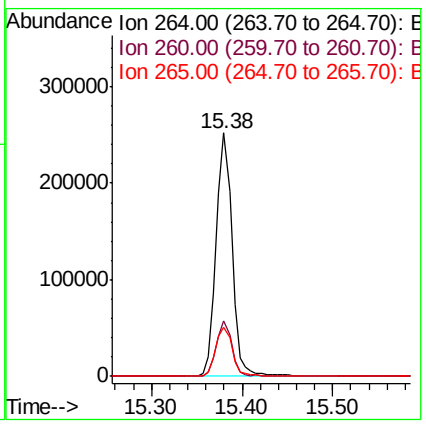


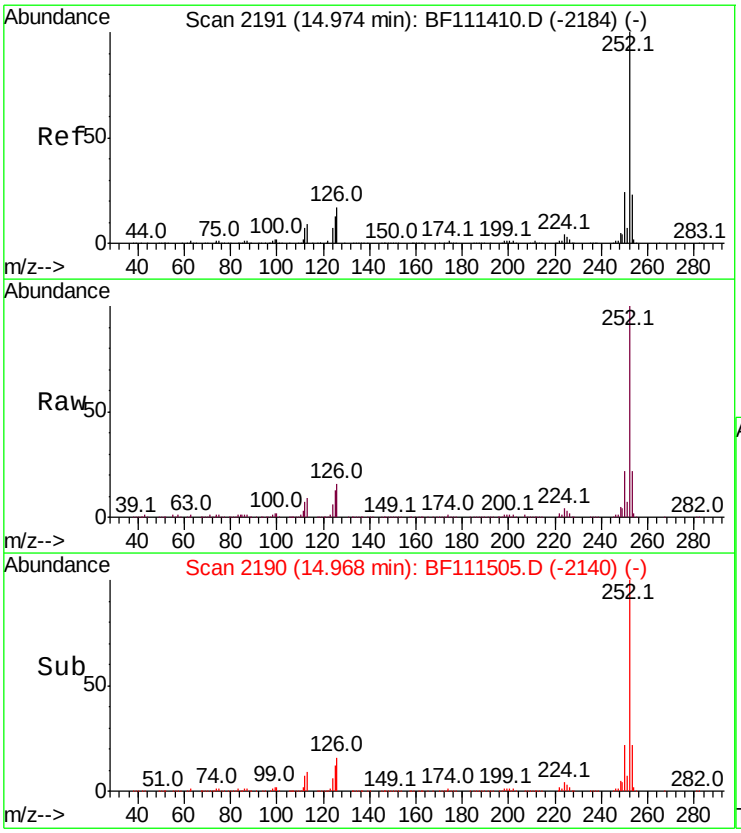

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:264 Resp: 307157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 18.3 | 27.5 |
| 265 | 20.3 | 17.7 | 26.5 |

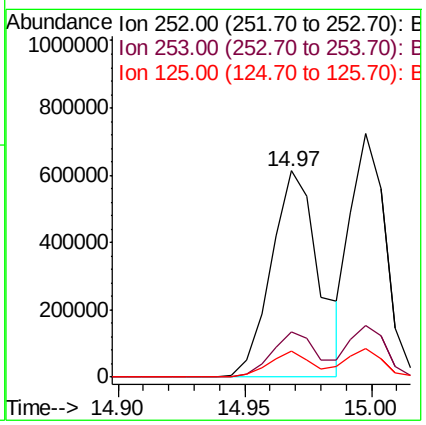


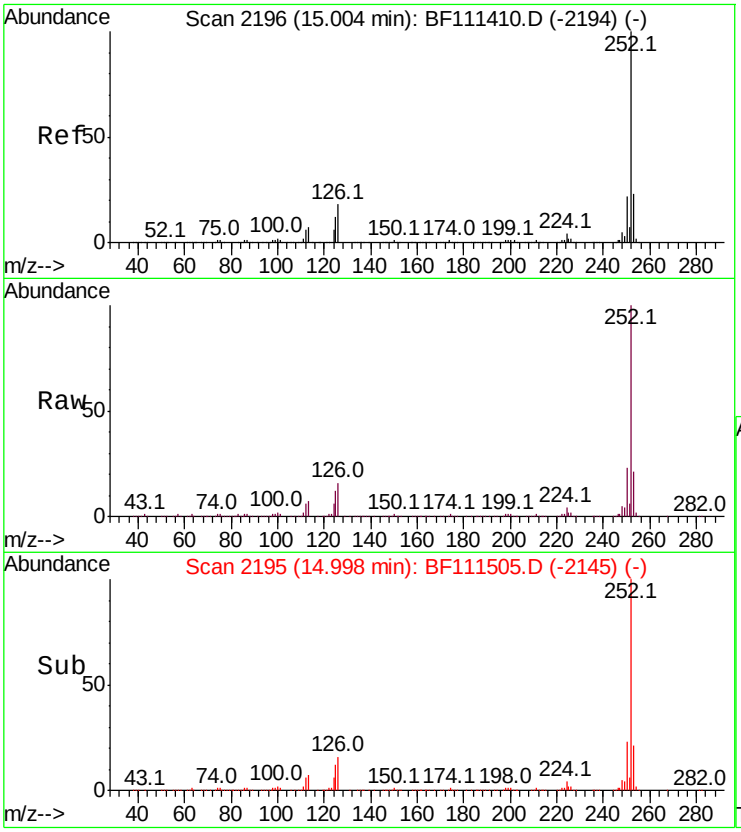




#88
Benzo(b)fluoranthene
Concen: 44.840 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:252 Resp: 802983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 18.2 | 27.2 |
| 125 | 12.5 | 10.4 | 15.6 |



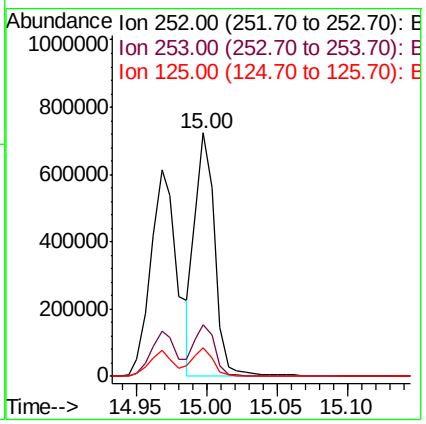


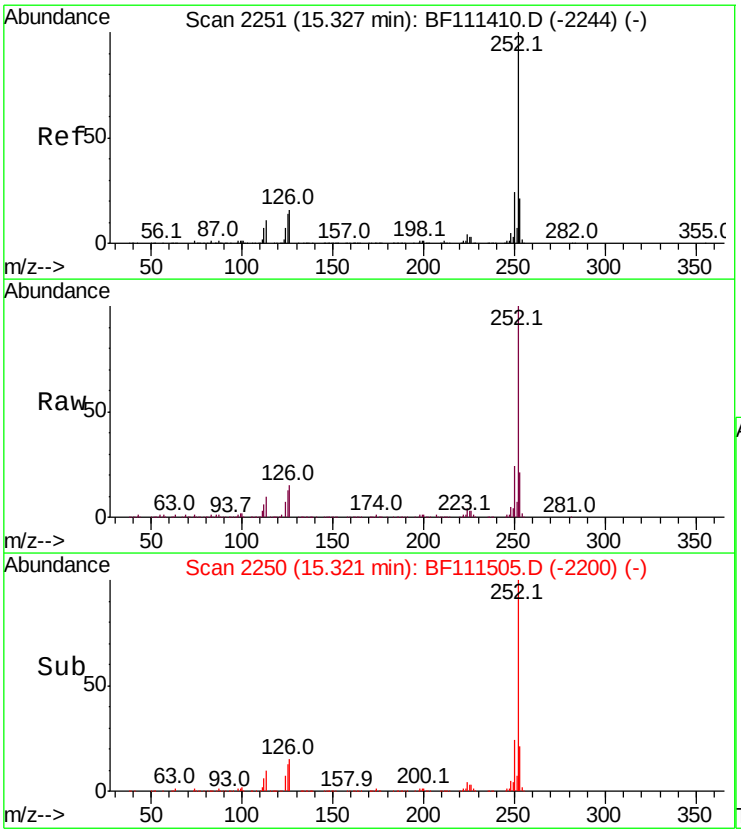

#89
Benzo(k)fluoranthene
Concen: 41.210 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 705150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 18.1 | 27.1 |
| 125 | 11.8 | 9.8 | 14.8 |

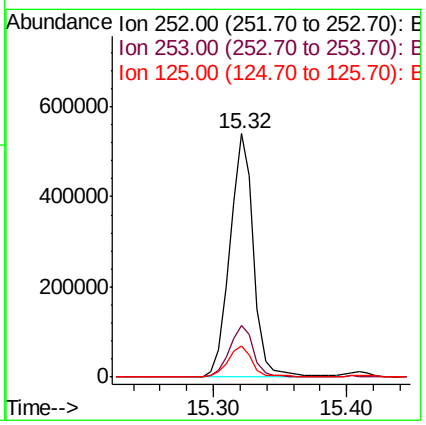


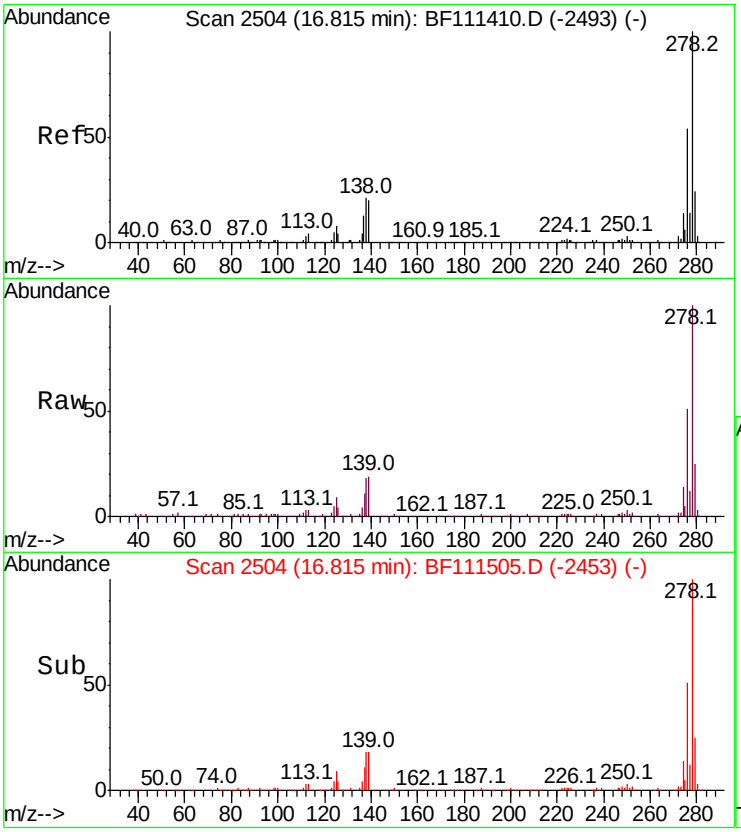




#90
Benzo(a)pyrene
Concen: 41.242 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:252 Resp: 665997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.8 | 26.8 |
| 125 | 12.7 | 12.3 | 18.5 |



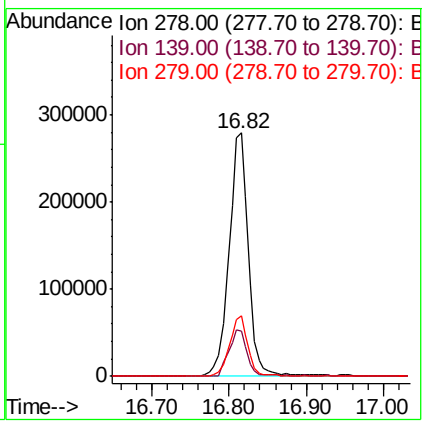


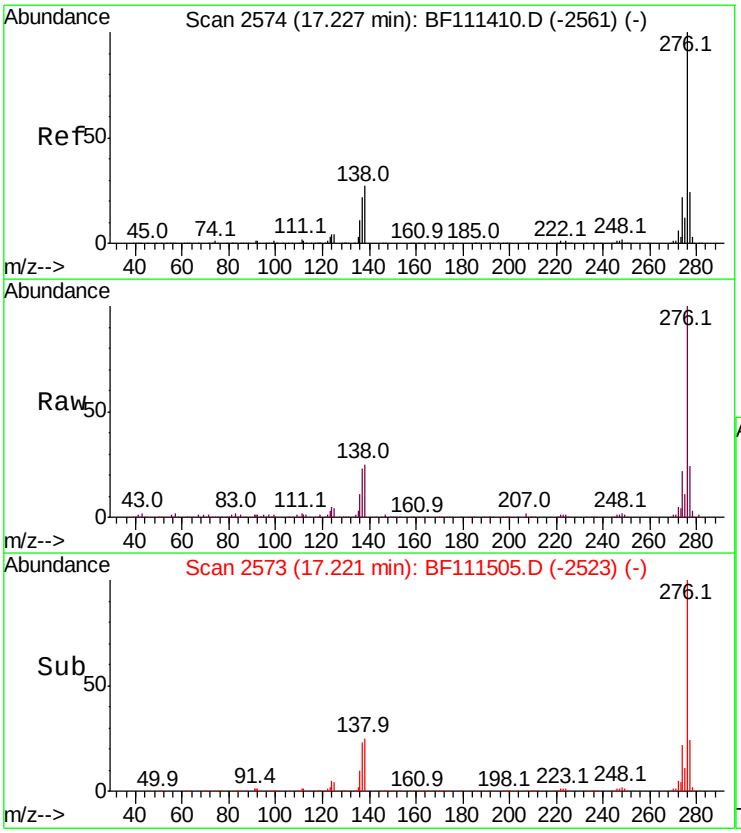

#91
Dibenzo(a,h)anthracene
Concen: 38.504 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 490486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.5 | 18.2 | 27.4 |
| 279 | 24.7 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 38.926 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111505.D
Acq: 16 Dec 2018 13:34

Tgt Ion:276 Resp: 486723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 25.1 | 24.9 | 37.3 |