Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109655.D
Acq On : 8 Oct 2018 18:41
Operator : JU/SJ
Sample : PB113588BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB113588BL

Quant Time: Oct 09 04:02:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

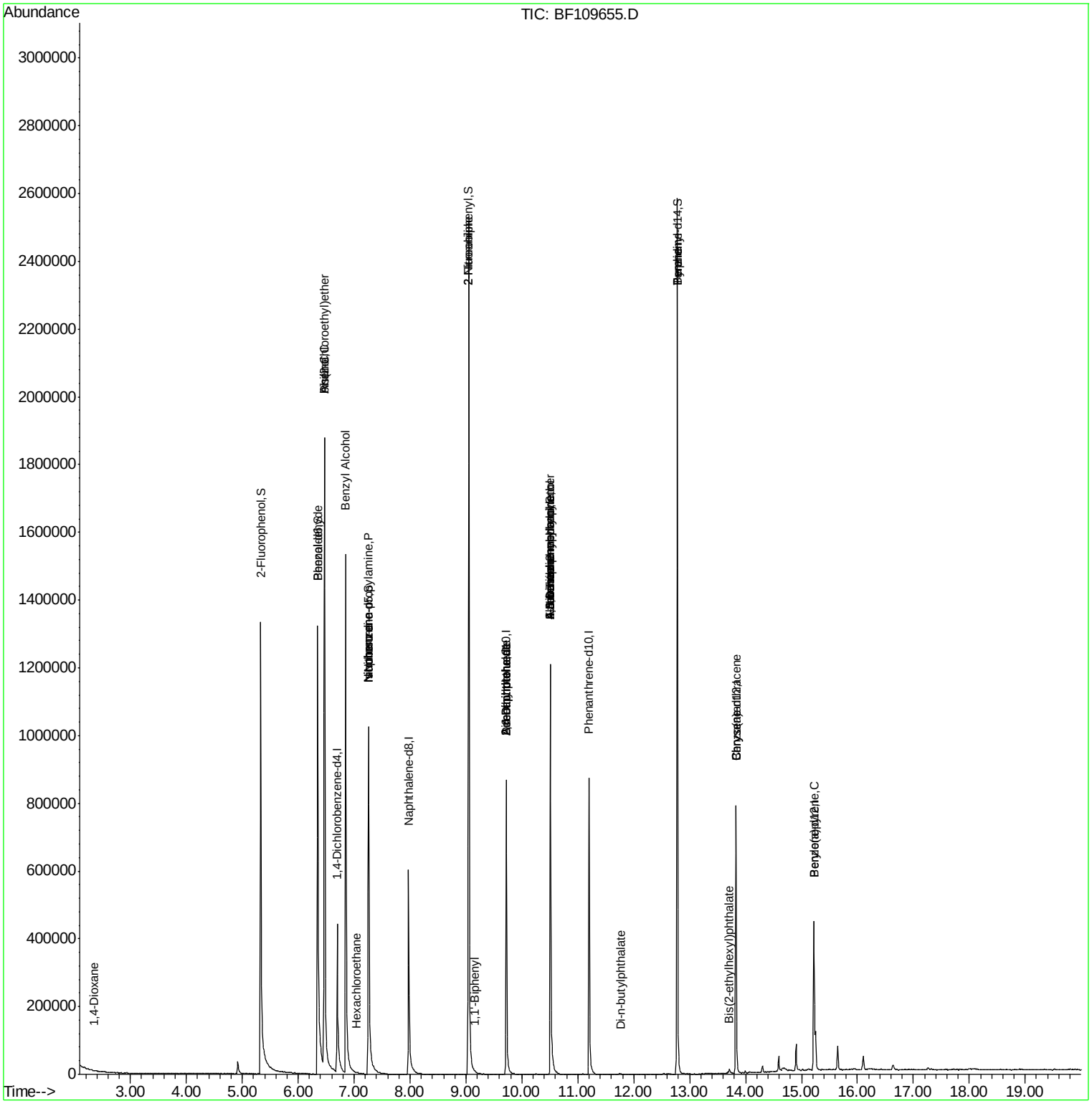
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 105869 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.97 | 136 | 434546 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.72 | 164 | 214358 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.20 | 188 | 433533 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.83 | 240 | 321864 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.22 | 264 | 229029 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 545791 | 91.51 | ng | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 788814 | 99.00 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 501007 | 63.55 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 186941 | 80.04 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 969463 | 62.29 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.78 | 244 | 980463 | 58.97 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.35 | 88 | 110 | 0.035 | ng | # 1 |
| 6) Aniline | 6.47 | 93 | 692 | 0.075 | ng | # 1 |
| 9) Benzaldehyde | 6.35 | 77 | 786 | 0.153 | ng | # 1 |
| 10) Phenol | 6.47 | 94 | 1110 | 0.121 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 692 | 0.091 | ng | # 1 |
| 15) Benzyl Alcohol | 6.85 | 79 | 7753 | 1.313 | ng | # 51 |
| 18) Hexachloroethane | 7.05 | 117 | 113 | 0.035 | ng | # 2 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 64703 | 11.580 | ng | # 78 |
| 24) Nitrobenzene | 7.26 | 77 | 1176 | 0.143 | ng | # 36 |
| 25) Isophorone | 7.26 | 82 | 501840 | 38.336 | ng | # 67 |
| 45) 1,1'-Biphenyl | 9.16 | 154 | 1083 | 0.057 | ng | 72 |
| 47) 2-Nitroaniline | 9.05 | 65 | 1282 | 0.295 | ng | # 1 |
| 49) Dimethylphthalate | 9.73 | 163 | 52300 | 3.327 | ng | # 1 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 27057 | 7.940 | ng | # 23 |
| 51) Acenaphthene | 9.72 | 154 | 559 | 0.045 | ng | # 4 |
| 56) 2,4-Dinitrotoluene | 9.72 | 165 | 27177 | 6.390 | ng | # 19 |
| 57) Fluorene | 10.51 | 166 | 7311 | 0.527 | ng | # 85 |
| 62) Azobenzene | 10.51 | 77 | 713 | 0.045 | ng | # 11 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 341 | 0.162 | ng | # 1 |
| 65) n-Nitrosodiphenylamine | 10.51 | 169 | 5471 | 0.372 | ng | # 50 |
| 66) 4-Bromophenyl-phenylether | 10.51 | 248 | 11366 | 2.282 | ng | # 1 |
| 73) Di-n-butylphthalate | 11.77 | 149 | 477 | 0.019 | ng | # 77 |
| 76) Benzidine | 12.78 | 184 | 12996 | 1.087 | ng | # 93 |
| 77) Pyrene | 12.78 | 202 | 2986 | 0.127 | ng | # 70 |
| 80) Benzo(a)anthracene | 13.83 | 228 | 702 | 0.040 | ng | # 54 |
| 82) Chrysene | 13.83 | 228 | 702 | 0.038 | ng | # 52 |
| 83) Bis(2-ethylhexyl)phthalate | 13.72 | 149 | 7561 | 0.606 | ng | # 55 |
| 89) Benzo(a)pyrene | 15.22 | 252 | 582 | 0.051 | ng | # 59 |

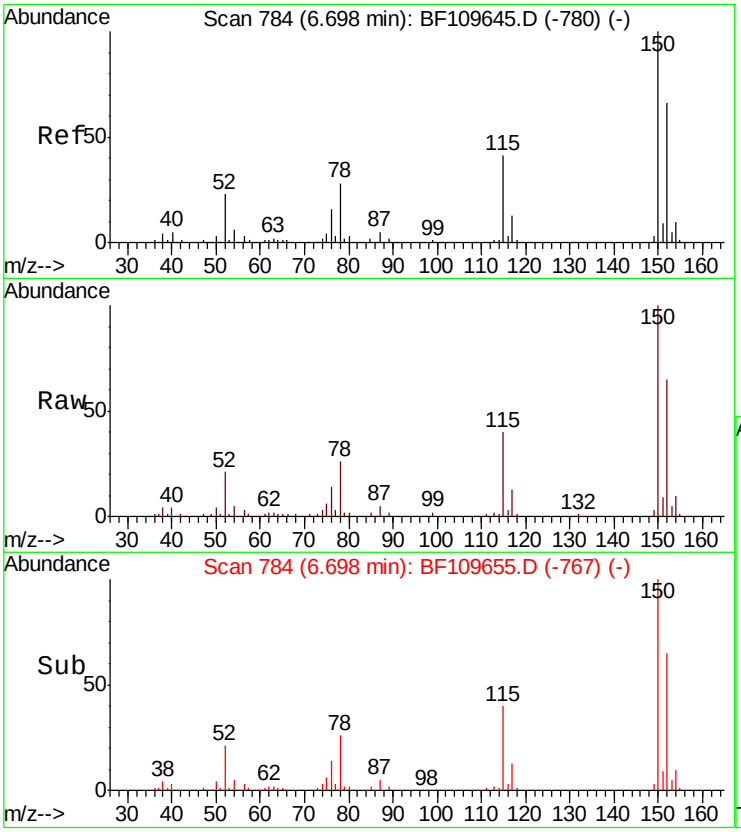
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109655.D
Acq On : 8 Oct 2018 18:41
Operator : JU/SJ
Sample : PB113588BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Quant Time: Oct 09 04:02:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



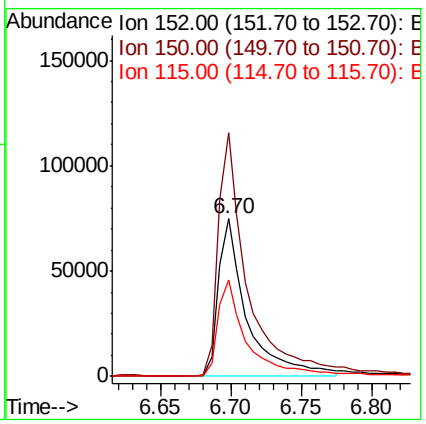


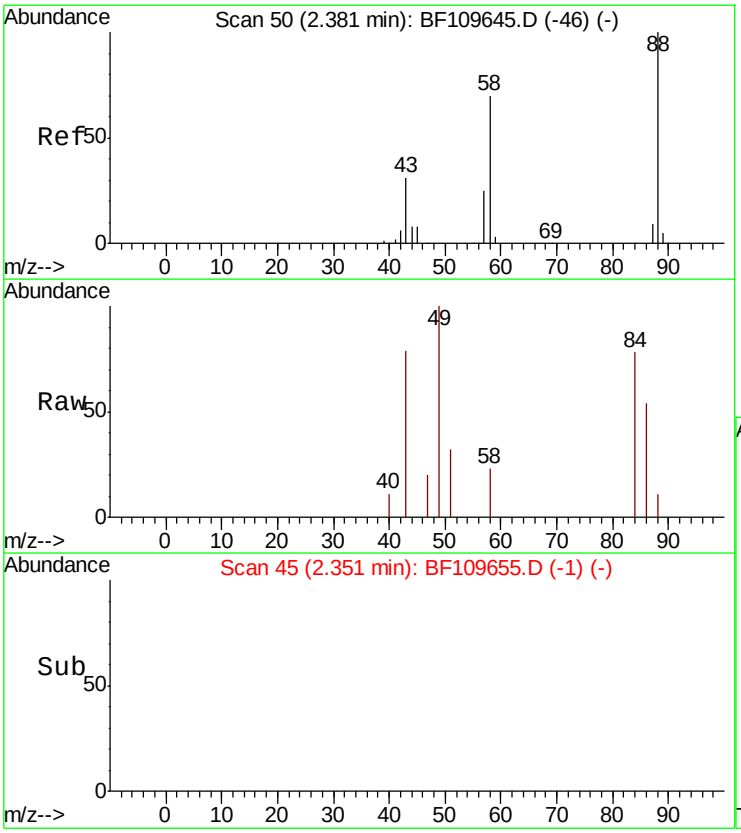

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:152 Resp: 105869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 122.7 | 184.1 |
| 115 | 61.3 | 49.1 | 73.7 |

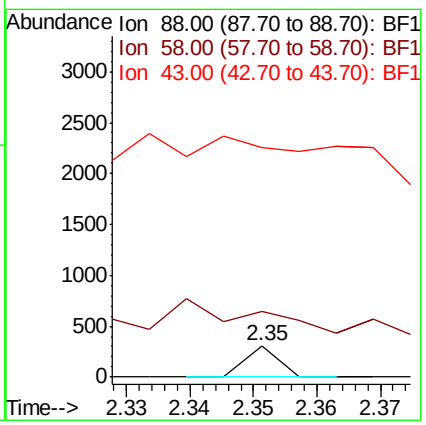


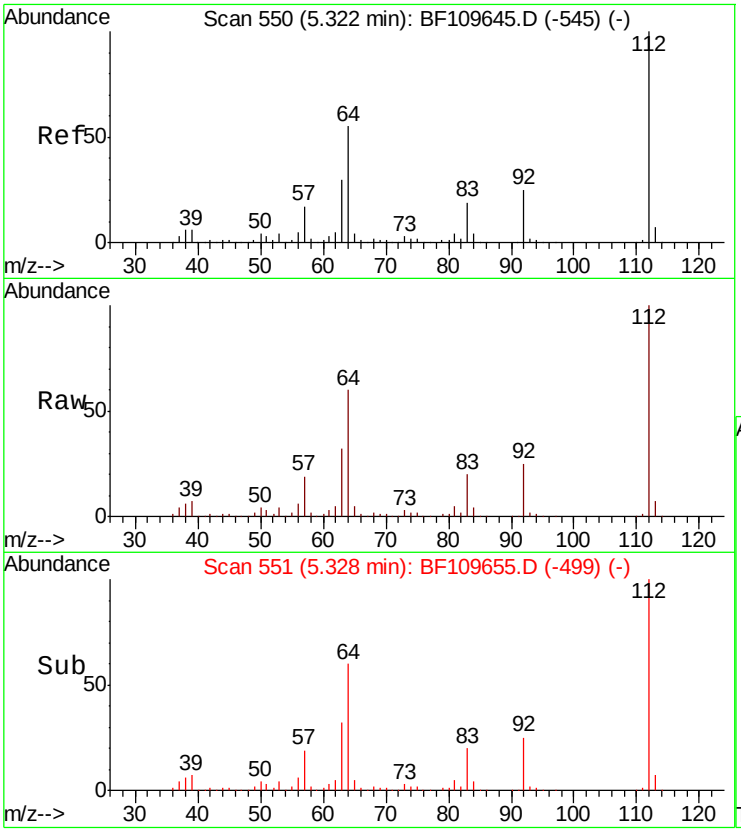




#2
1,4-Dioxane
Concen: 0.035 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.03 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 88 Resp: 110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 264.5 | 57.1 | 85.7# |
| 43 | 0.0 | 24.1 | 36.1# |



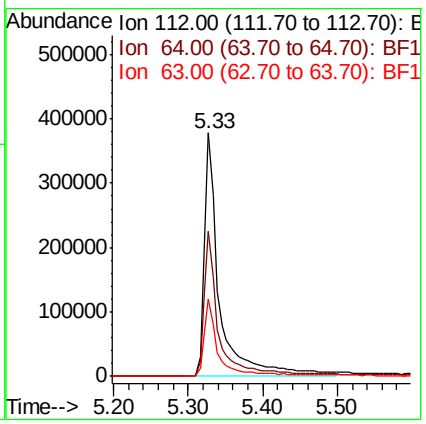


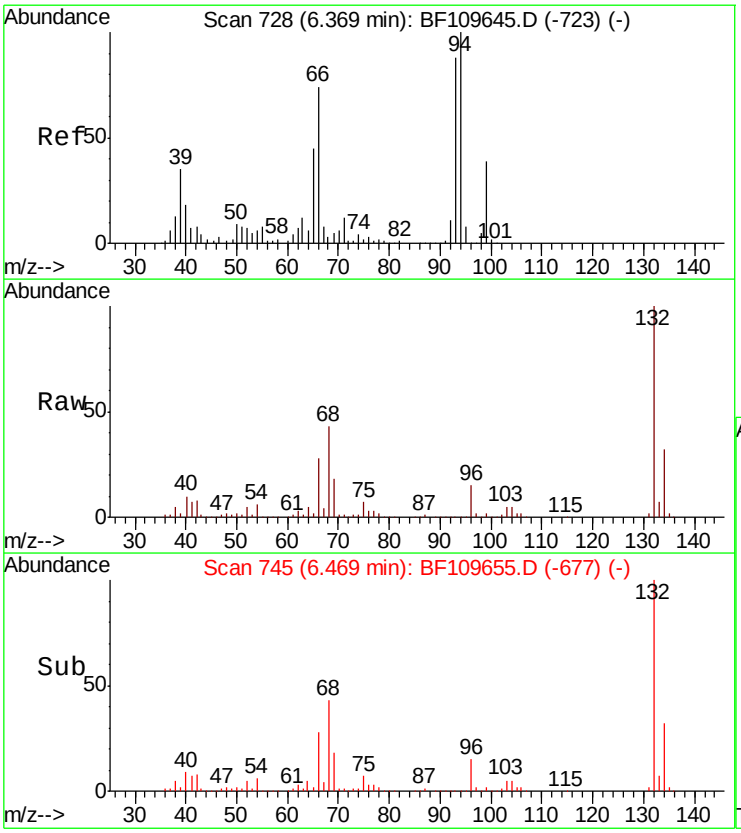

#5
2-Fluorophenol
Concen: 91.509 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:112 Resp: 545791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 44.1 | 66.1 |
| 63 | 31.8 | 23.7 | 35.5 |

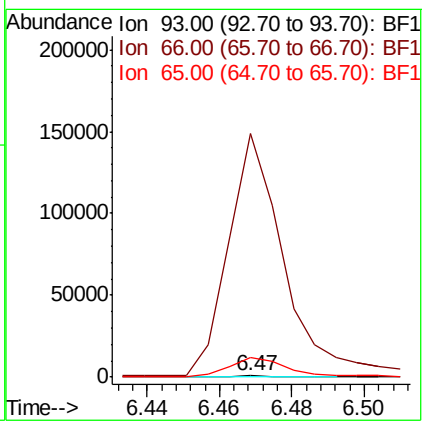


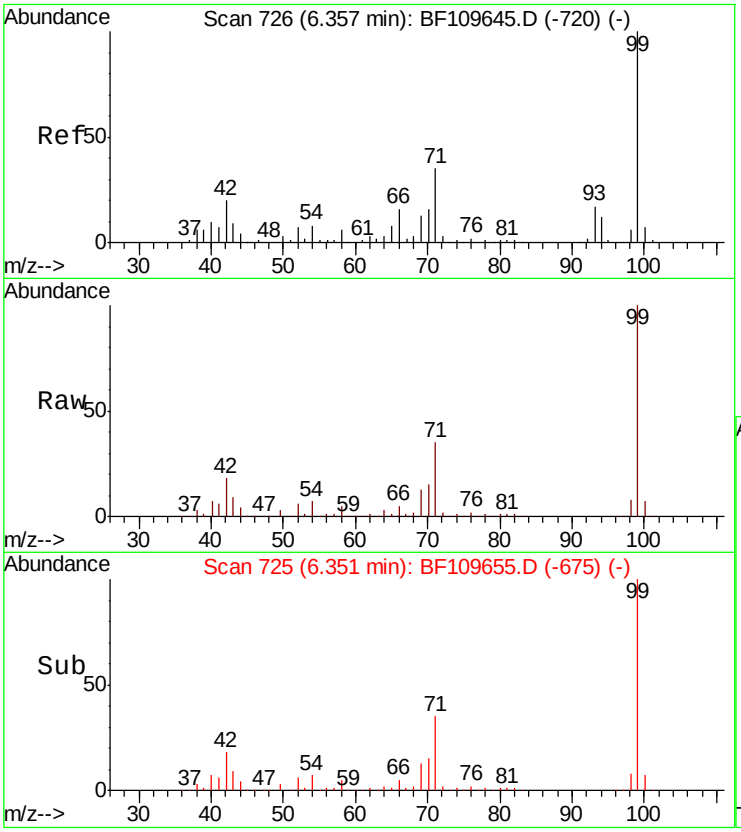




#6
Aniline
Concen: 0.075 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.10 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 93 Resp: 692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 19708.6 | 67.4 | 101.0# |
| 65 | 1621.9 | 41.0 | 61.4# |



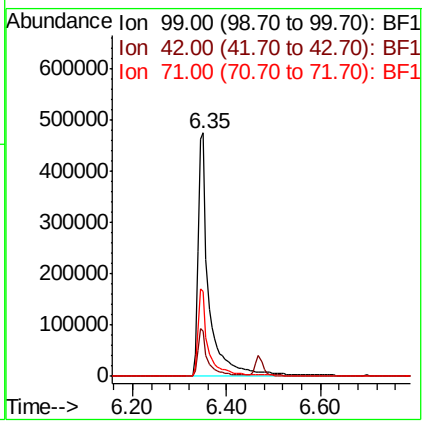


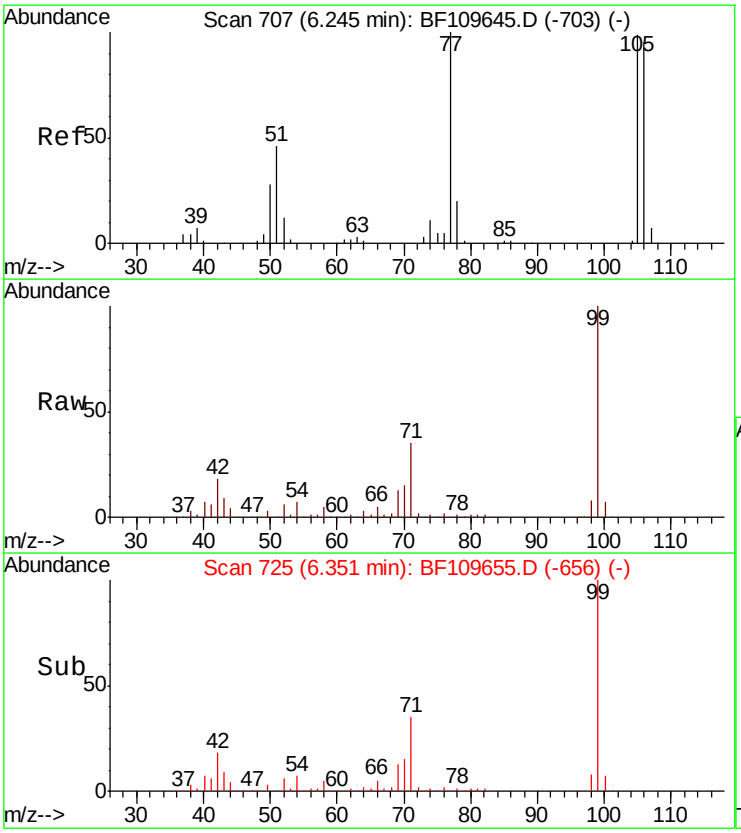

#7
Phenol-d6
Concen: 99.002 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 99 Resp: 788814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 15.8 | 23.6 |
| 71 | 35.0 | 28.0 | 42.0 |

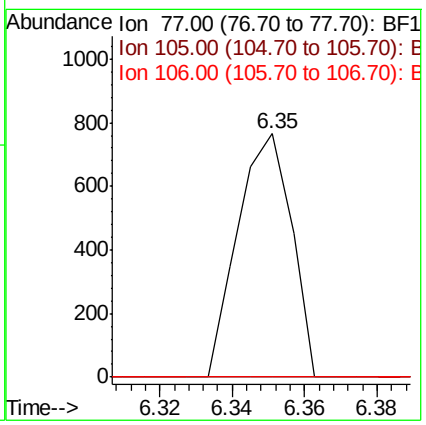


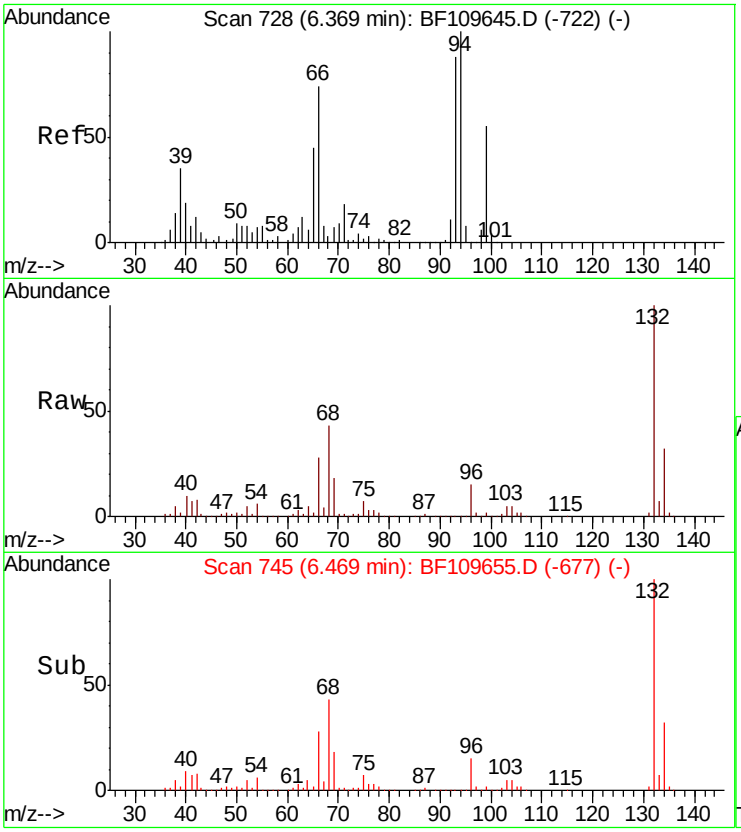




#9
Benzaldehyde
Concen: 0.153 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.11 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 77 Resp: 786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 78.6 | 118.6# |
| 106 | 0.0 | 74.8 | 114.8# |



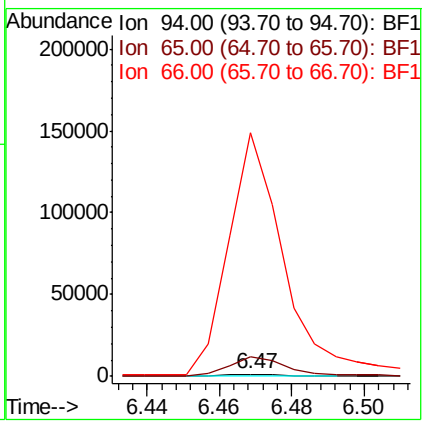


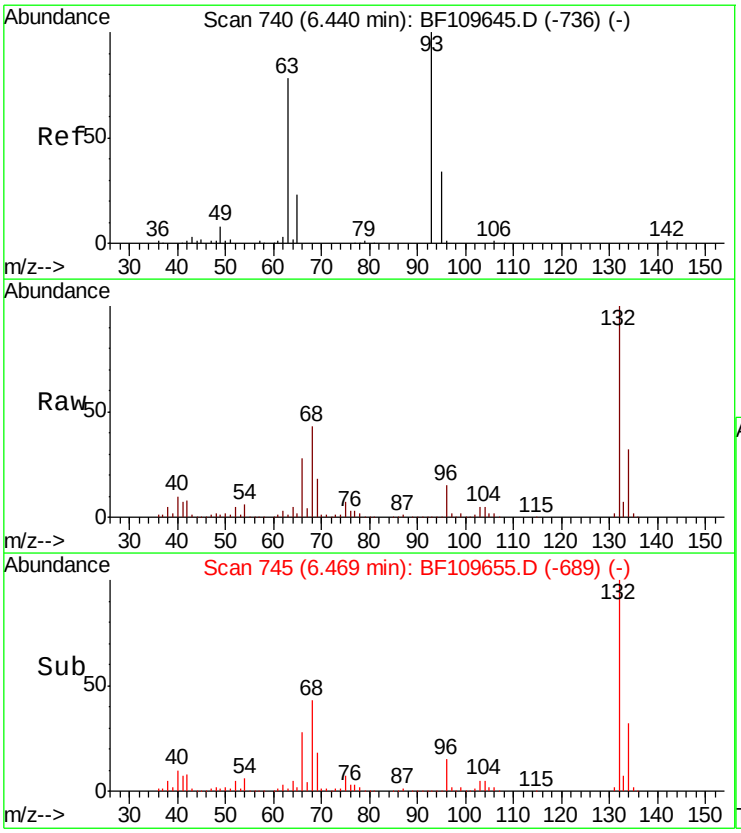

#10
Phenol
Concen: 0.121 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.10 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 94 Resp: 1110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 1059.3 | 25.3 | 65.3# |
| 66 | 12872.0 | 54.5 | 94.5# |

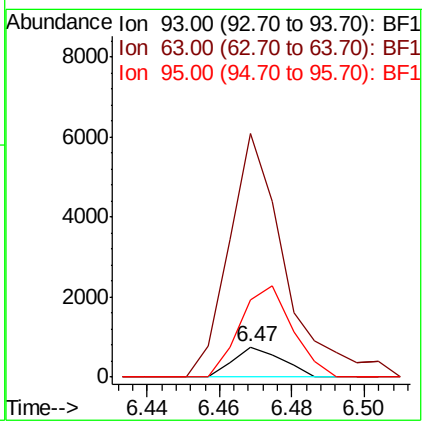


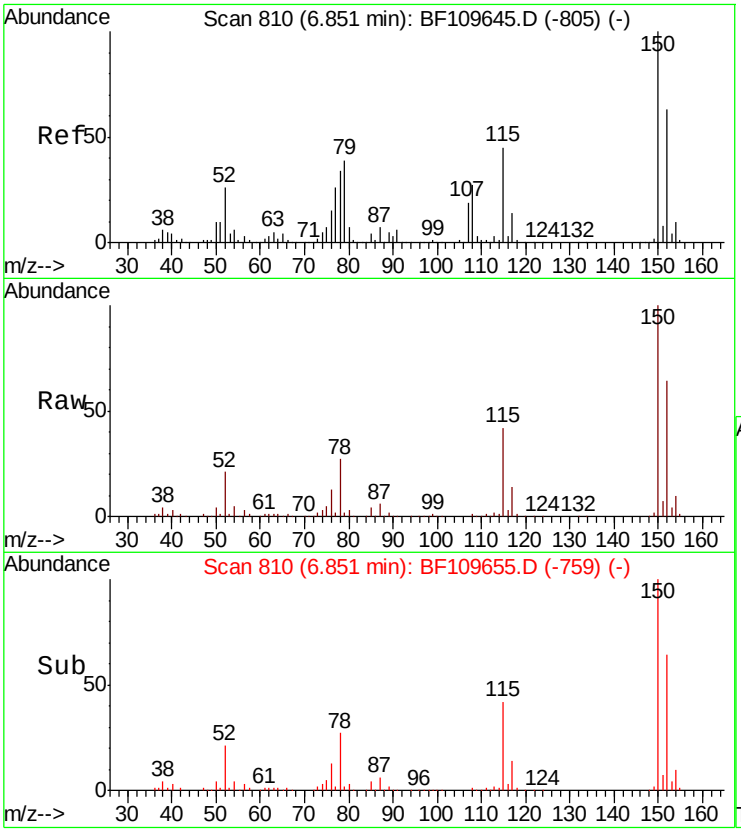




#11
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.03 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 93 Resp: 692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 805.4 | 53.4 | 93.4# |
| 95 | 256.8 | 12.1 | 52.1# |



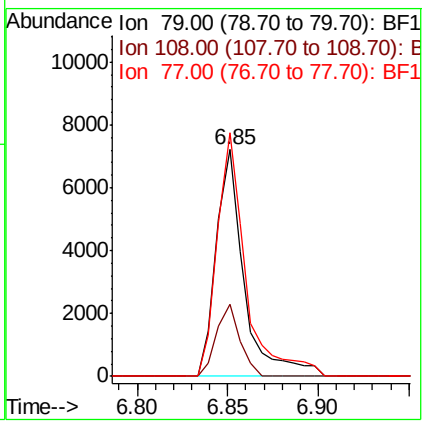


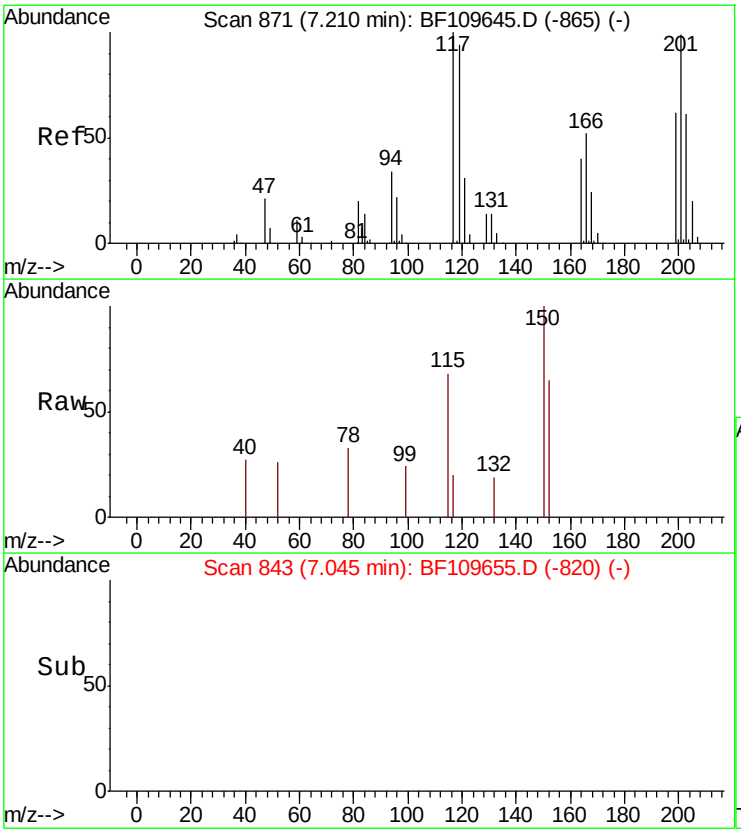

#15
Benzyl Alcohol
Concen: 1.313 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 79 Resp: 7753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 31.9 | 56.3 | 84.5# |
| 77 | 107.4 | 52.9 | 79.3# |

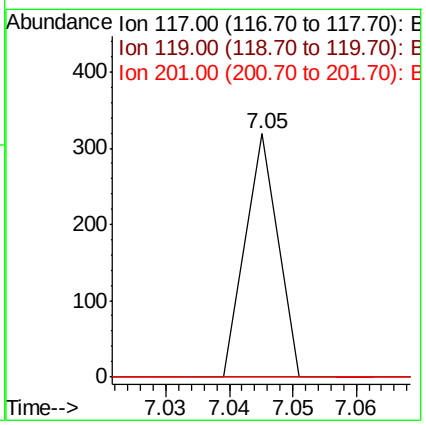


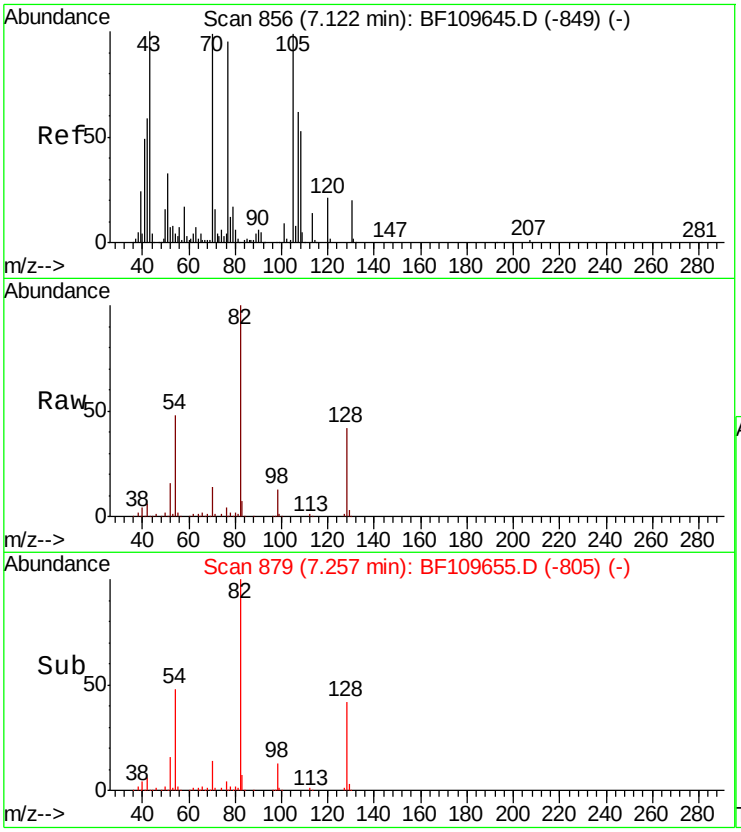




#18
Hexachloroethane
Concen: 0.035 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.17 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:117 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 0.0 | 75.0 | 112.6# |
| 201 | 0.0 | 79.2 | 118.8# |



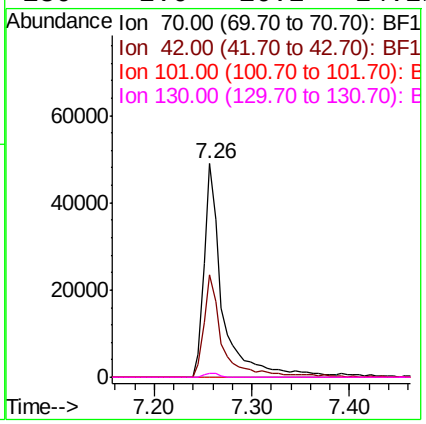


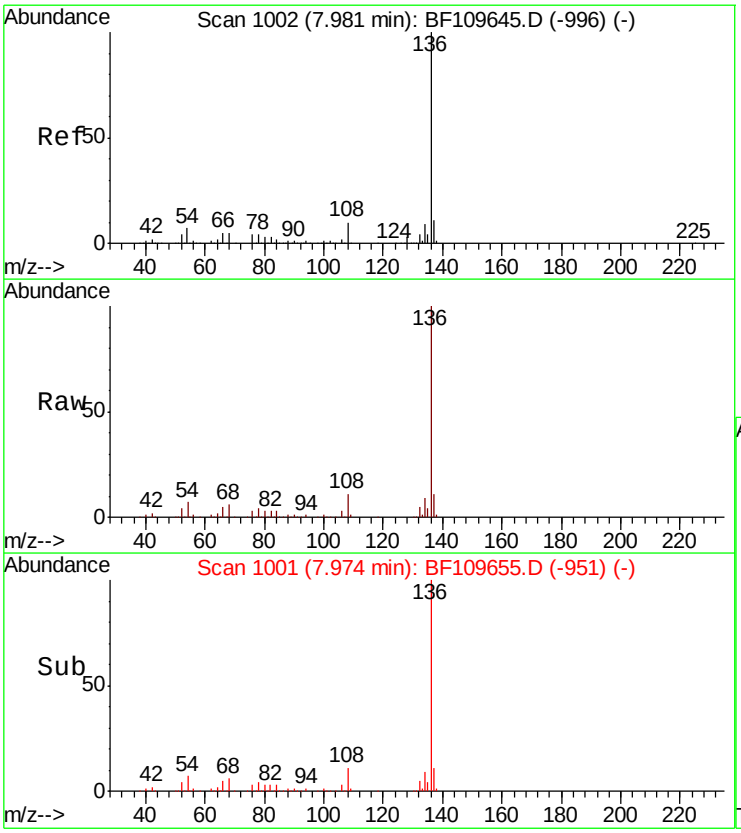

#19
n-Nitroso-di-n-propylamine
Concen: 11.580 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 70 Resp: 64703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.0 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.0 | 16.2 | 24.2# |

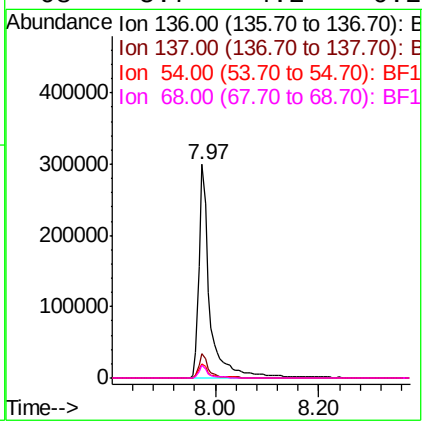


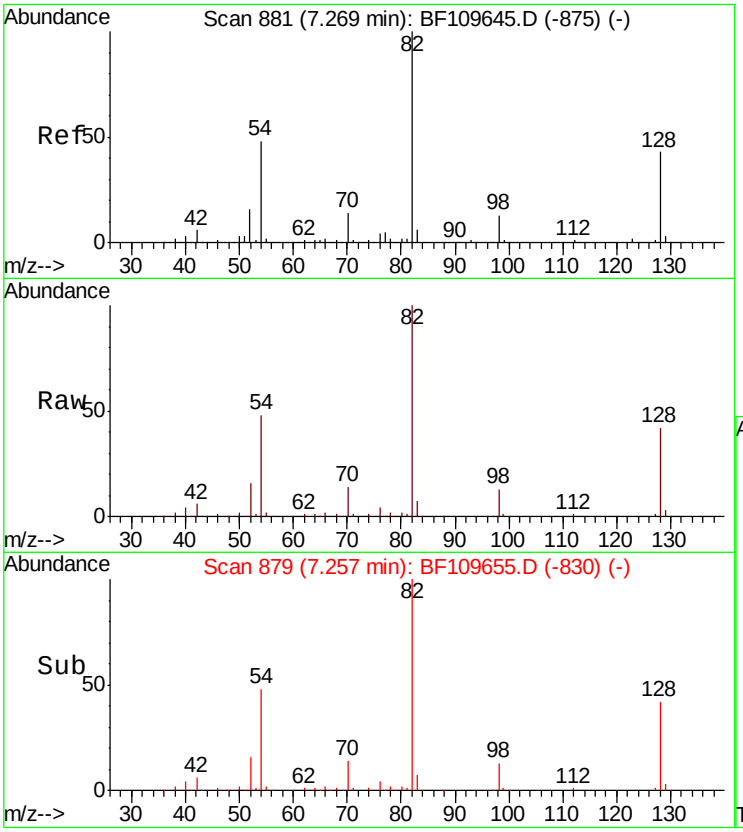




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:136 Resp: 434546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 6.9 | 5.4 | 8.2 |
| 68 | 5.7 | 4.2 | 6.2 |



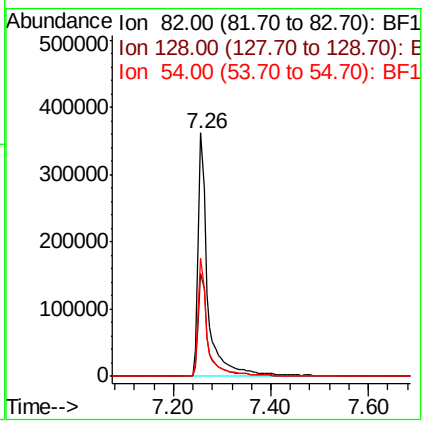


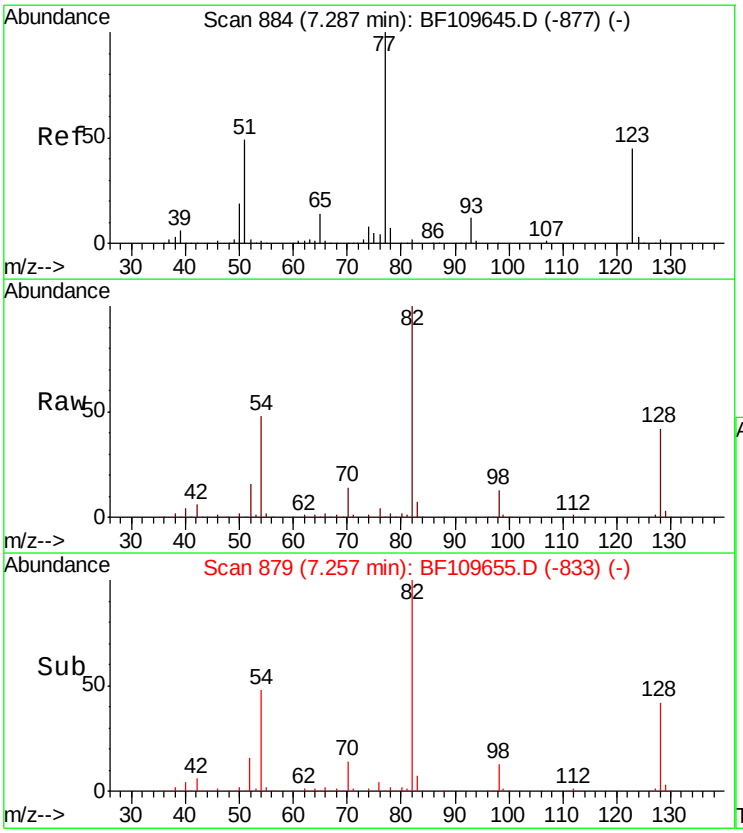

#23
Nitrobenzene-d5
Concen: 63.554 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 82 Resp: 501007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 34.2 | 51.2 |
| 54 | 48.4 | 38.6 | 58.0 |

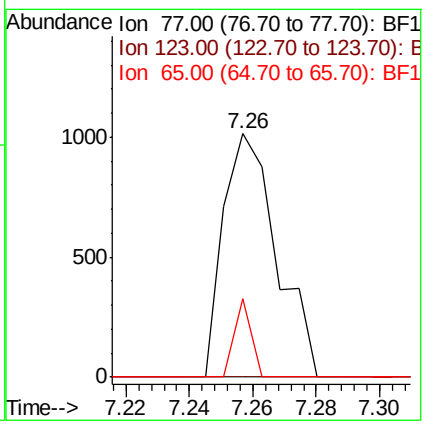


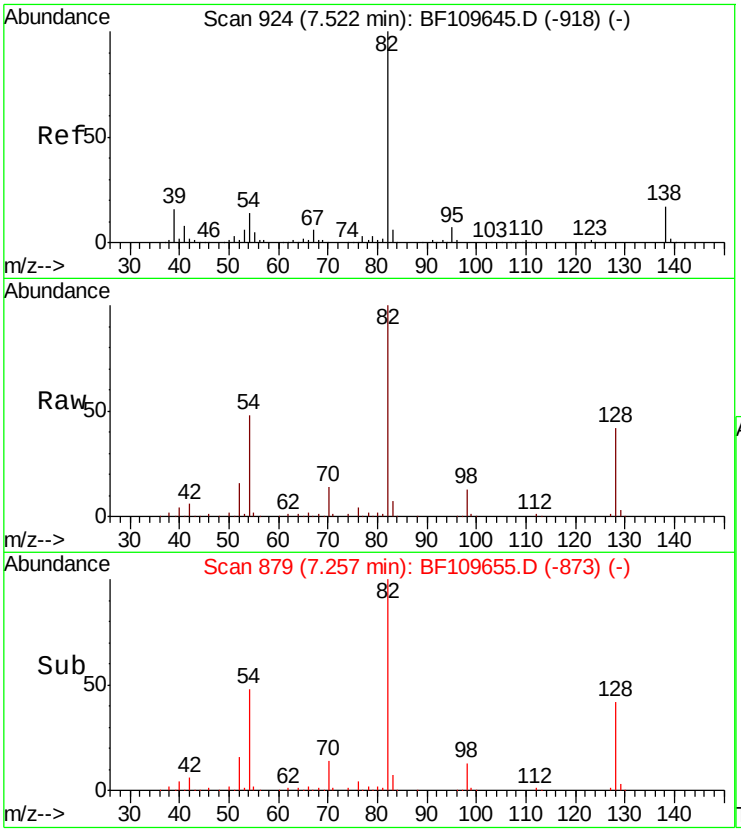




#24
Nitrobenzene
Concen: 0.143 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 77 Resp: 1176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 35.7 | 53.5# |
| 65 | 32.5 | 10.7 | 16.1# |



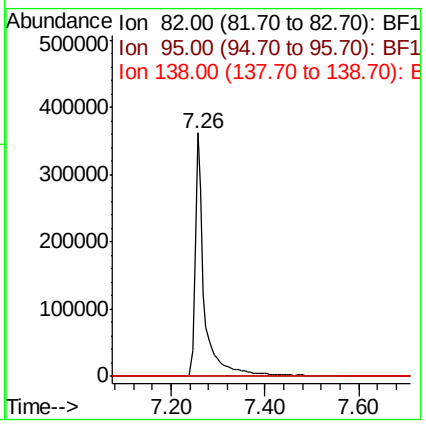


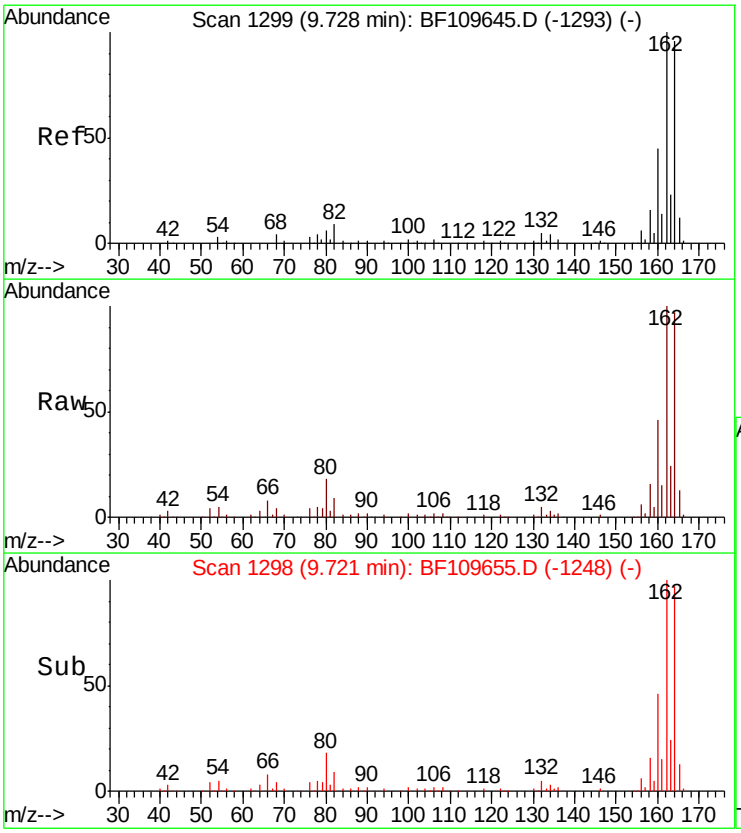

#25
Isophorone
Concen: 38.336 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion: 82 Resp: 501840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.7 | 8.5# |
| 138 | 0.0 | 13.2 | 19.8# |

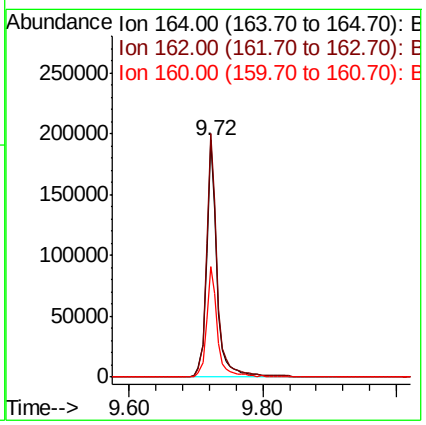


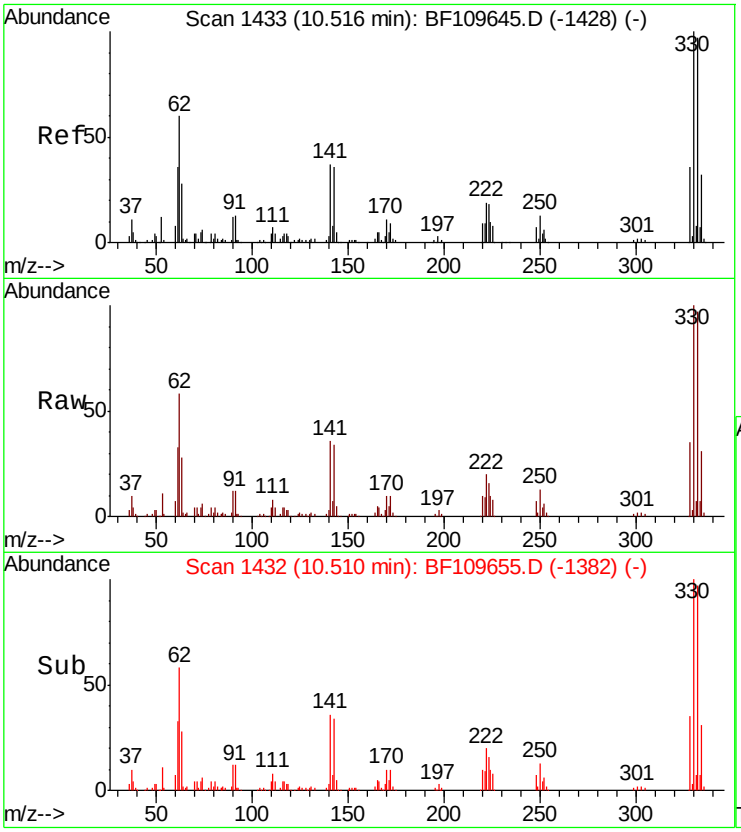




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:164 Resp: 214358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 83.0 | 124.6 |
| 160 | 46.8 | 37.0 | 55.6 |



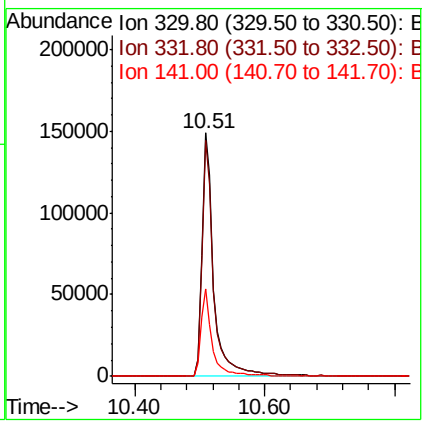


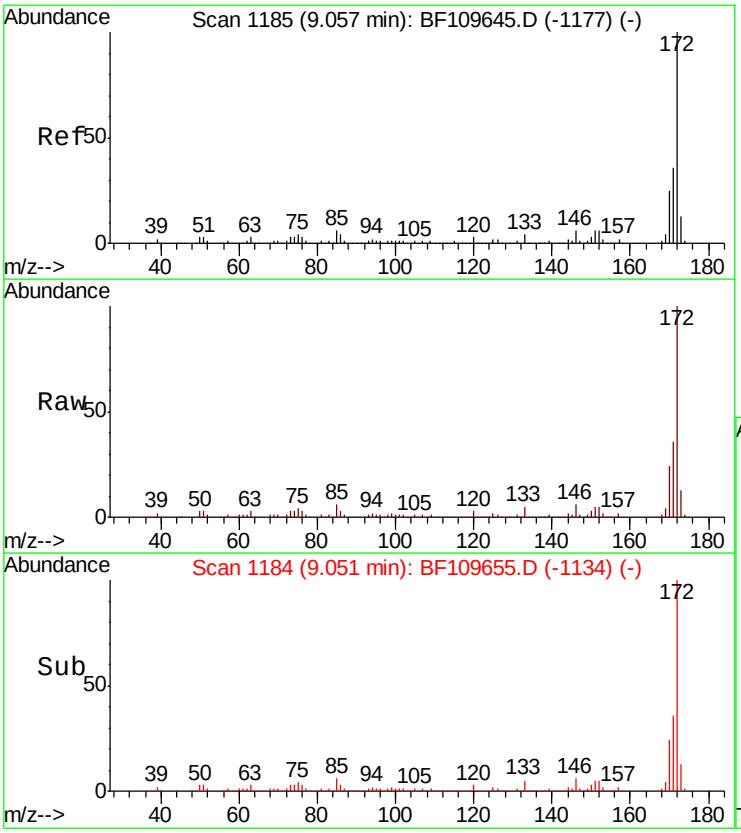

#41
2,4,6-Tribromophenol
Concen: 80.038 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:330 Resp: 186941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 77.1 | 115.7 |
| 141 | 34.4 | 27.0 | 40.4 |

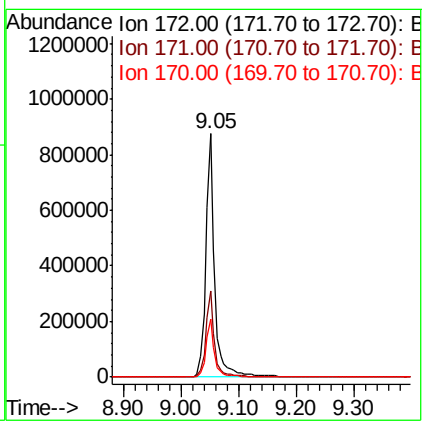


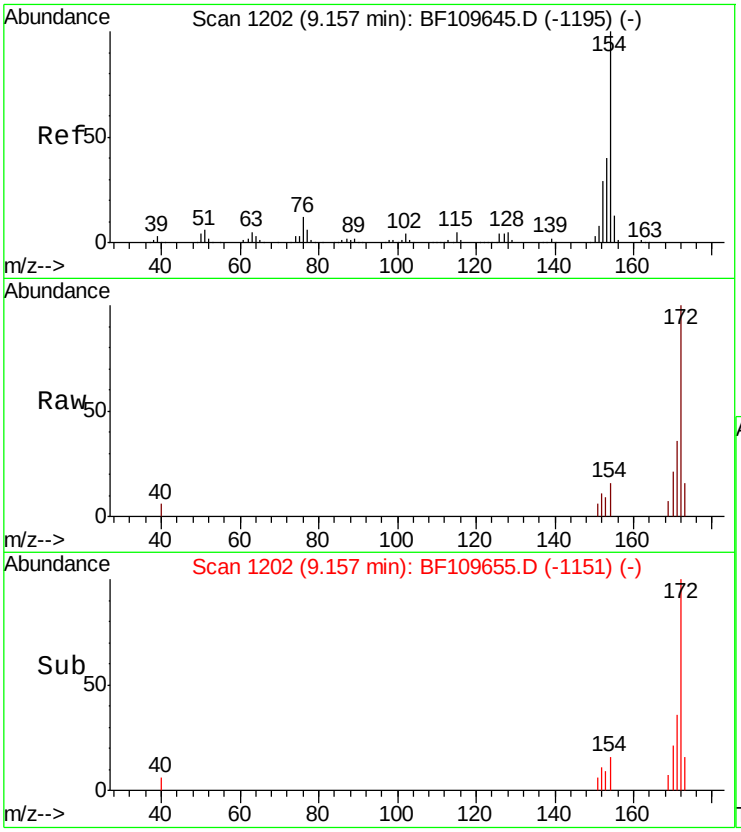




#44
2-Fluorobiphenyl
Concen: 62.288 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:172 Resp: 969463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.6 | 43.0 |
| 170 | 23.9 | 19.7 | 29.5 |



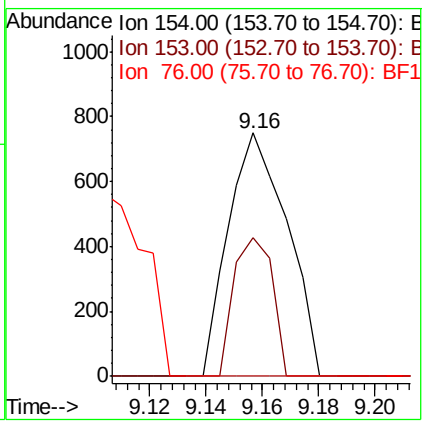


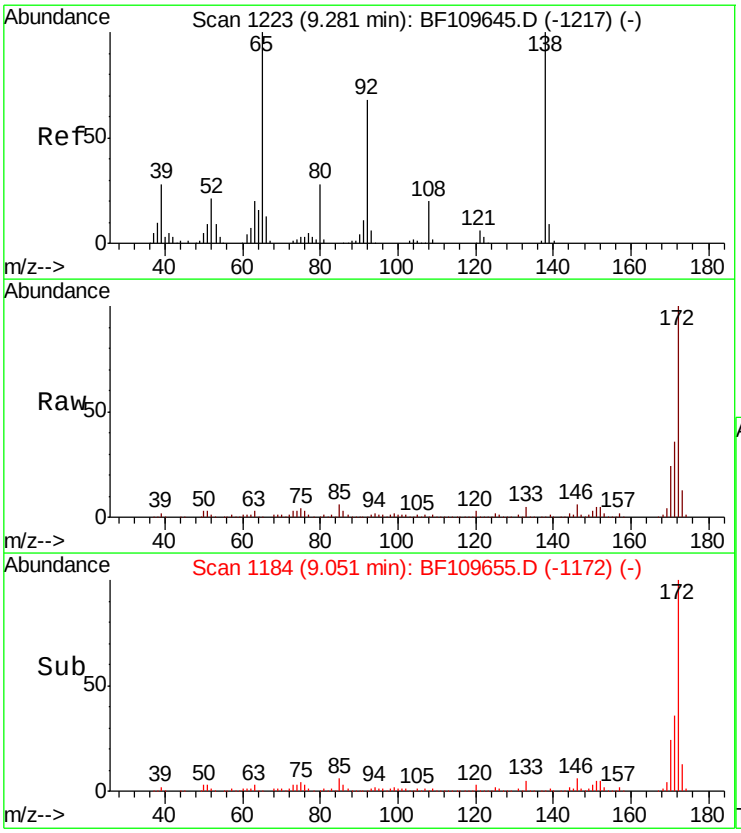

#45
1,1'-Biphenyl
Concen: 0.057 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:154 Resp: 1083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 57.1 | 20.4 | 60.4 |
| 76 | 0.0 | 0.0 | 31.9 |

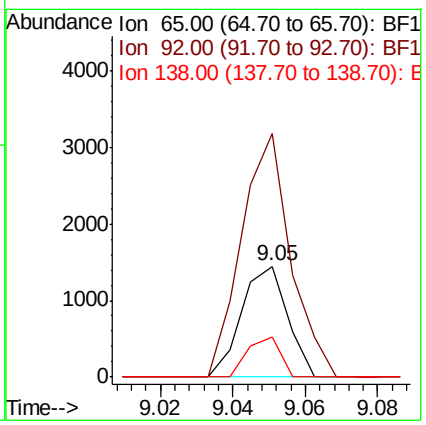


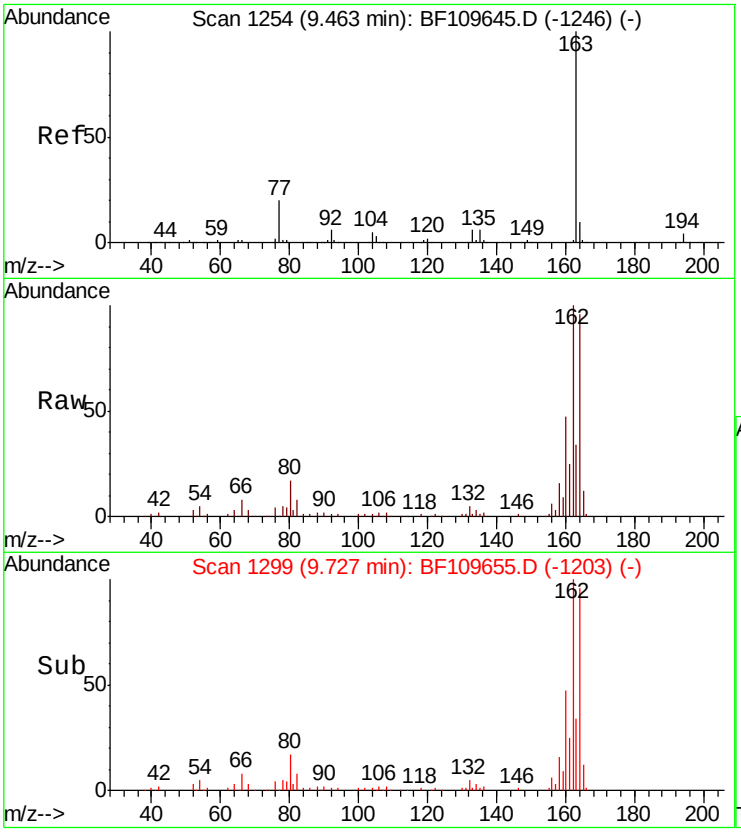




#47
2-Nitroaniline
Concen: 0.295 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.23 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 65 Resp: 1282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 219.7 | 54.6 | 81.8# |
| 138 | 36.1 | 80.3 | 120.5# |



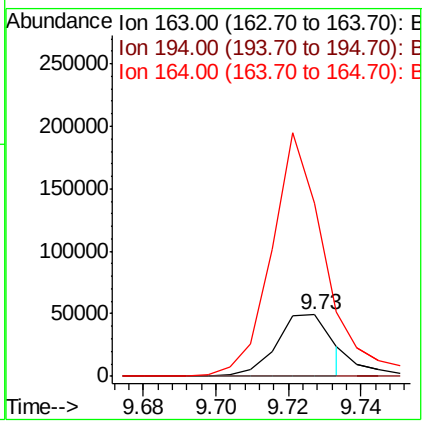


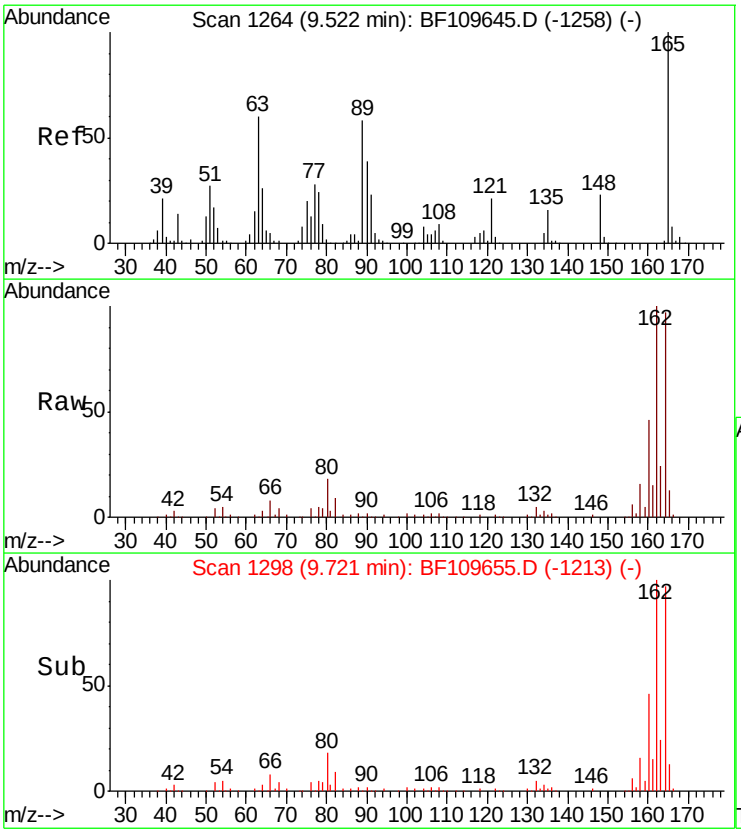

#49
Dimethylphthalate
Concen: 3.327 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.26 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:163 Resp: 52300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.2 | 4.8# |
| 164 | 281.7 | 8.1 | 12.1# |

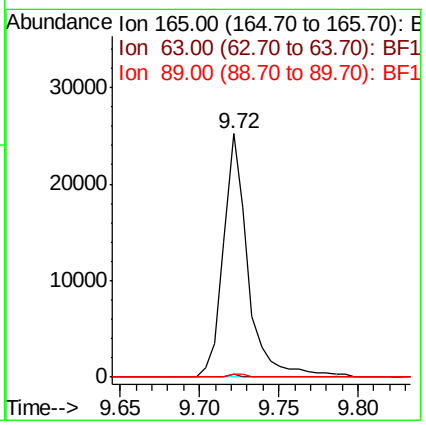


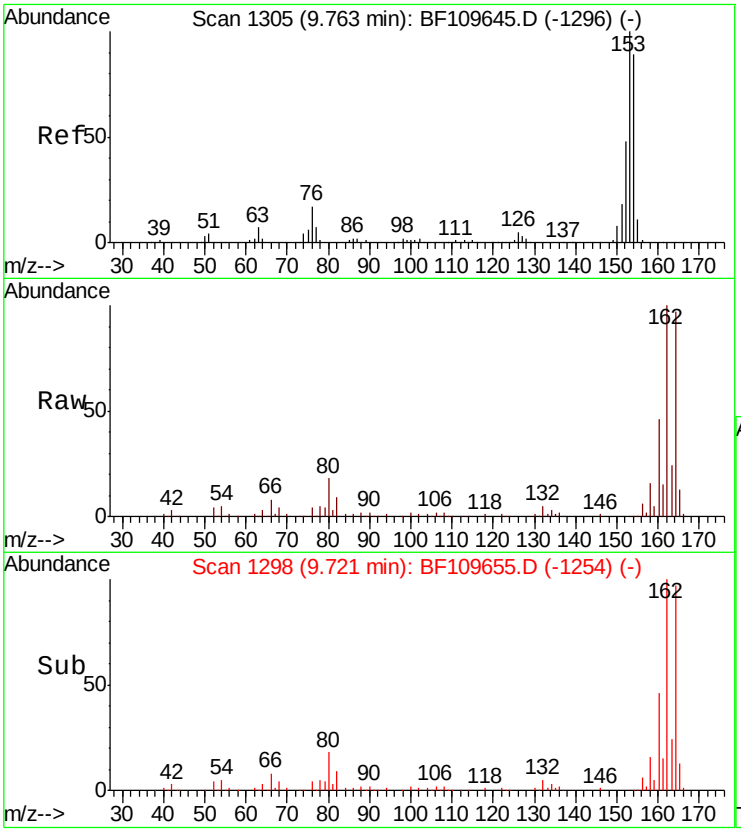




#50
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:165 Resp: 27057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 48.9 | 73.3# |
| 89 | 1.3 | 46.6 | 69.8# |



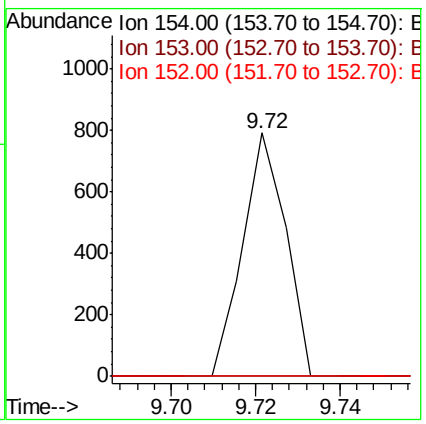


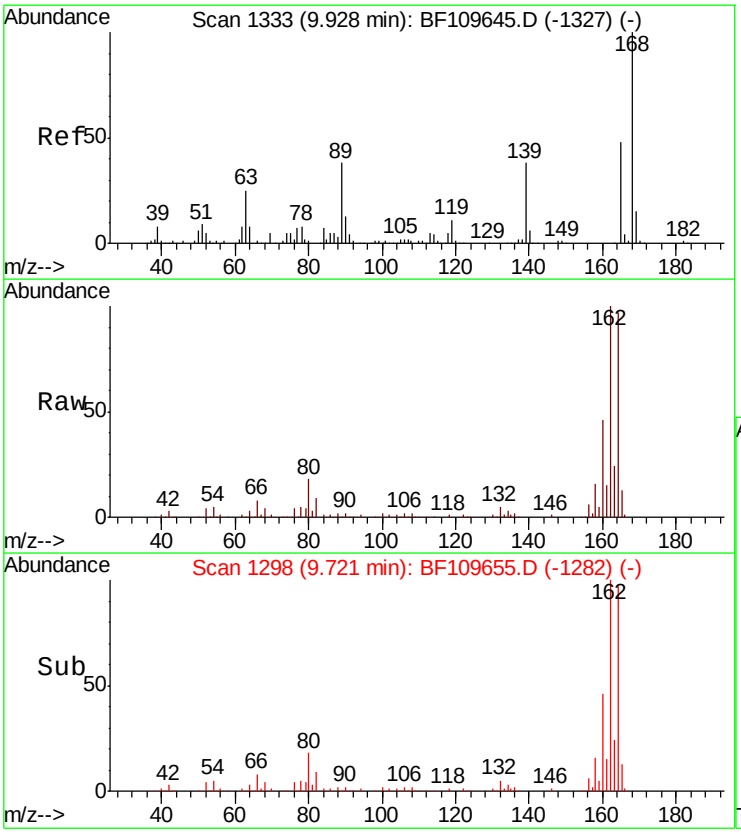

#51
Acenaphthene
Concen: 0.045 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:154 Resp: 559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 90.1 | 135.1# |
| 152 | 0.0 | 43.4 | 65.2# |

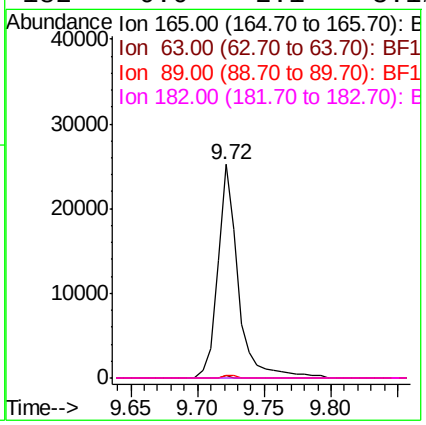


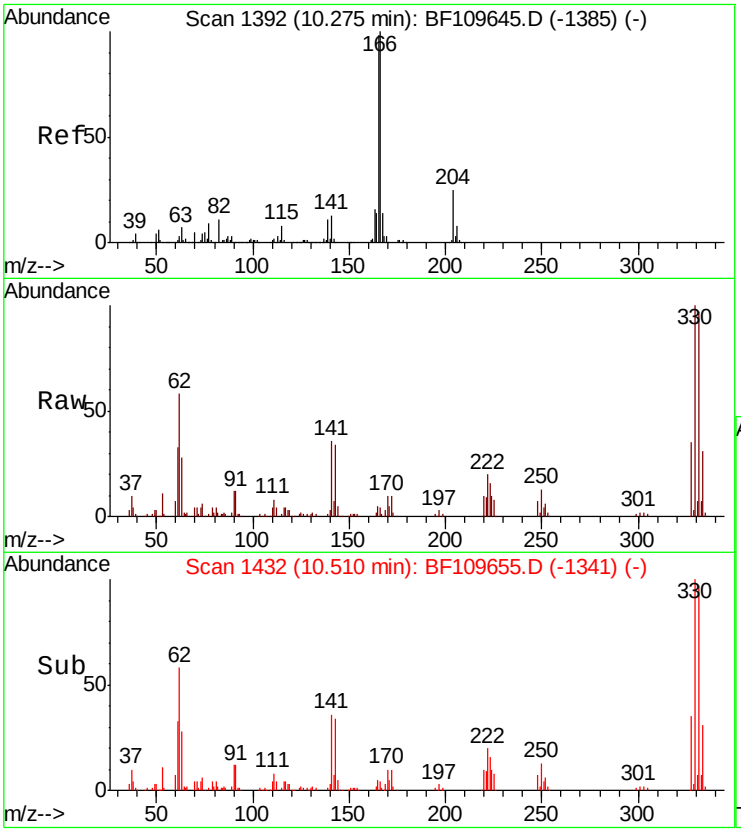




#56
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:165 Resp: 27177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 44.8 | 67.2# |
| 89 | 1.3 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |



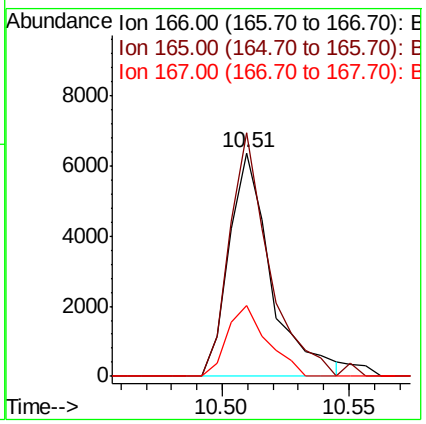


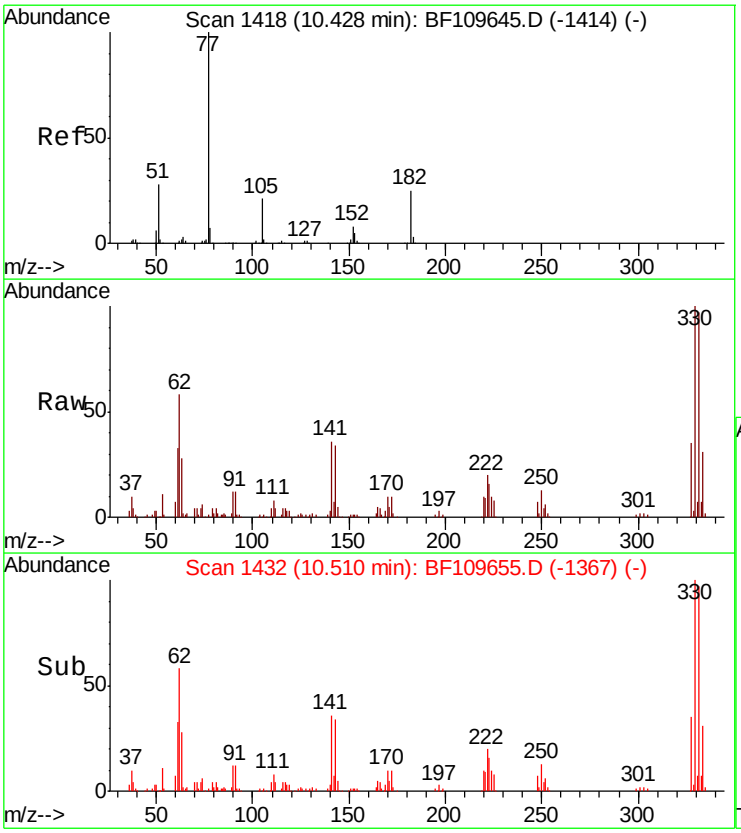

#57
Fluorene
Concen: 0.527 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.23 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:166 Resp: 7311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 109.1 | 78.6 | 117.8 |
| 167 | 31.5 | 10.8 | 16.2# |

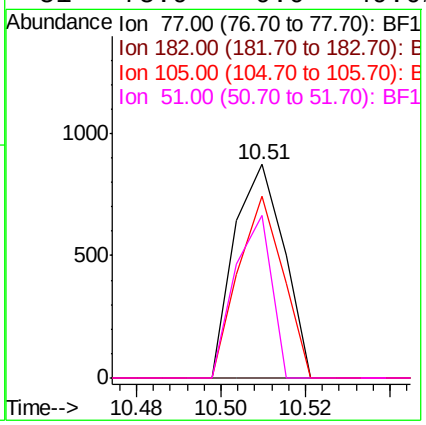


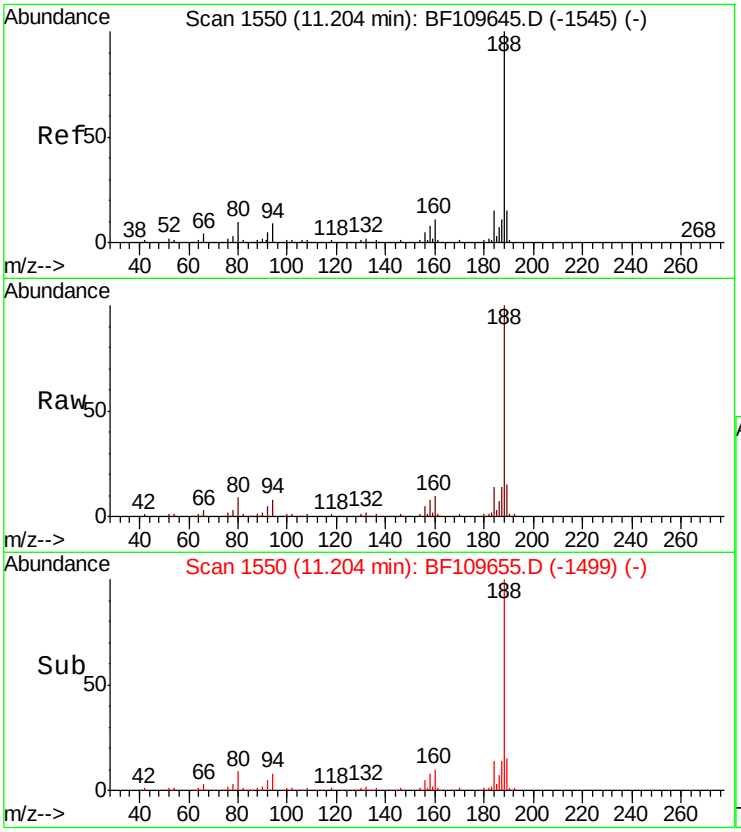




#62
Azobenzene
Concen: 0.045 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion: 77 Resp: 713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 4.3 | 44.3# |
| 105 | 85.2 | 1.3 | 41.3# |
| 51 | 75.9 | 9.0 | 49.0# |



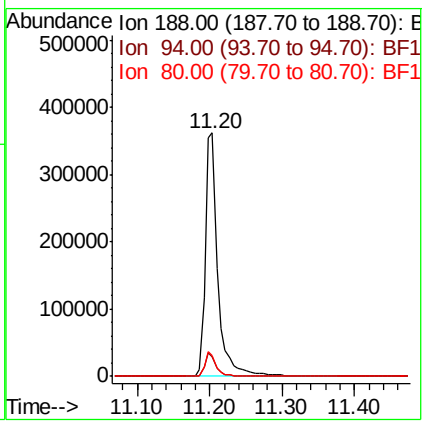


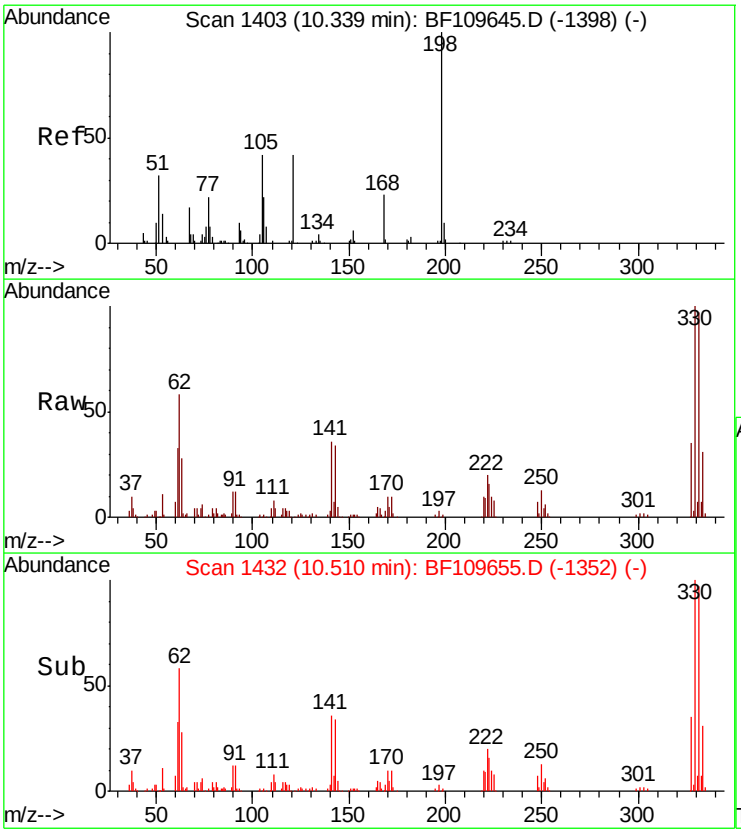

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:188 Resp: 433533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.2 | 7.2 | 10.8 |
| 80 | 8.7 | 7.9 | 11.9 |

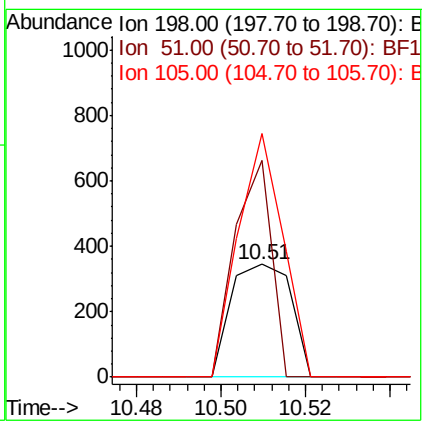


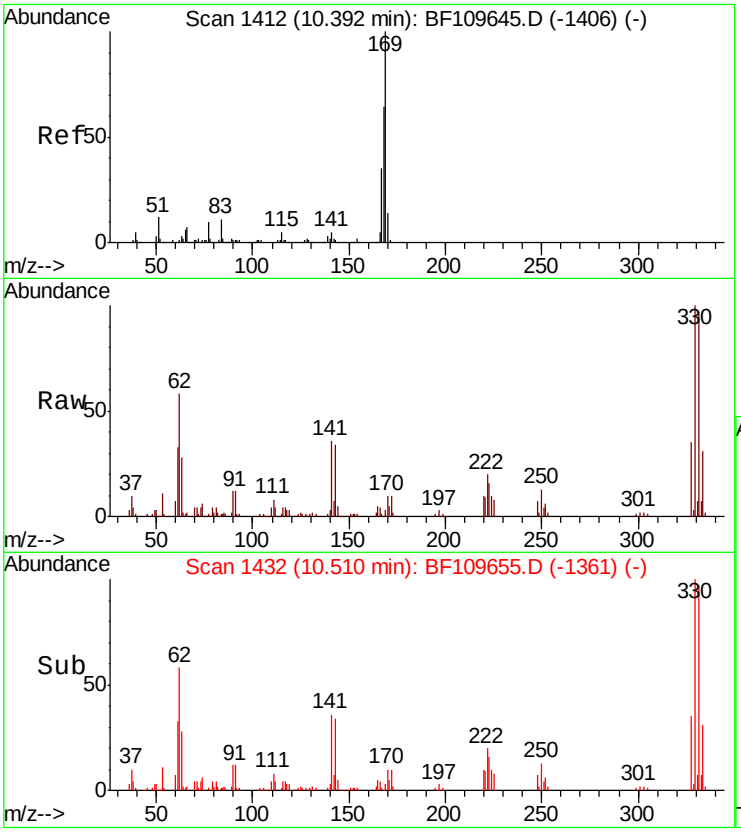




#64
4,6-Dinitro-2-methylphenol
Concen: 0.162 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.17 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:198 Resp: 341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 192.7 | 22.8 | 62.8# |
| 105 | 216.3 | 23.6 | 63.6# |



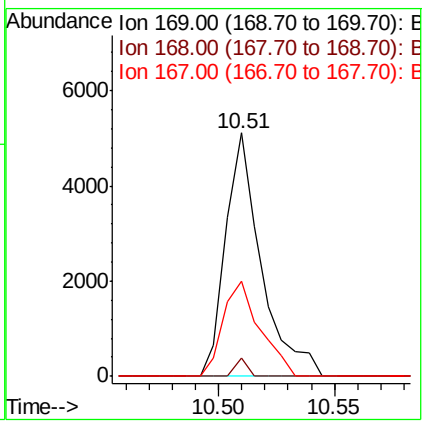


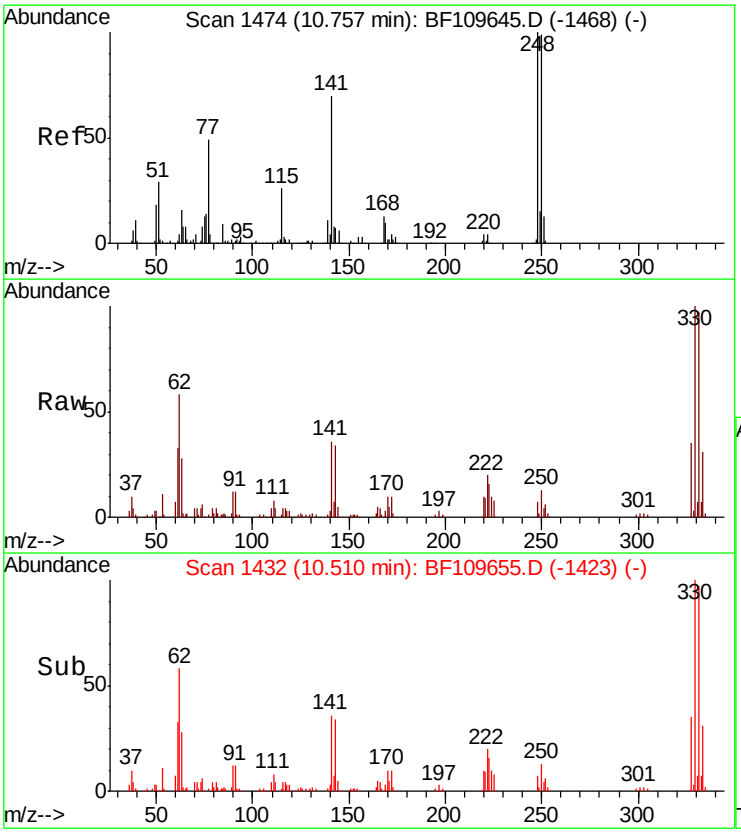

#65
n-Nitrosodiphenylamine
Concen: 0.372 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:169 Resp: 5471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.3 | 51.2 | 76.8# |
| 167 | 39.2 | 27.8 | 41.6 |

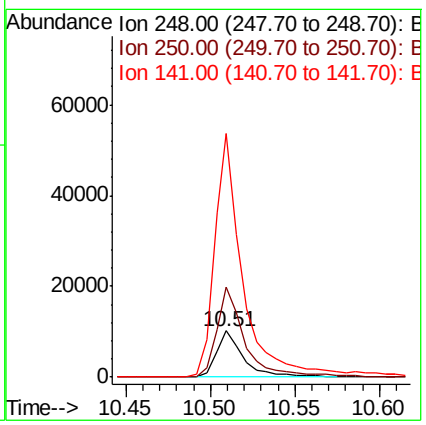


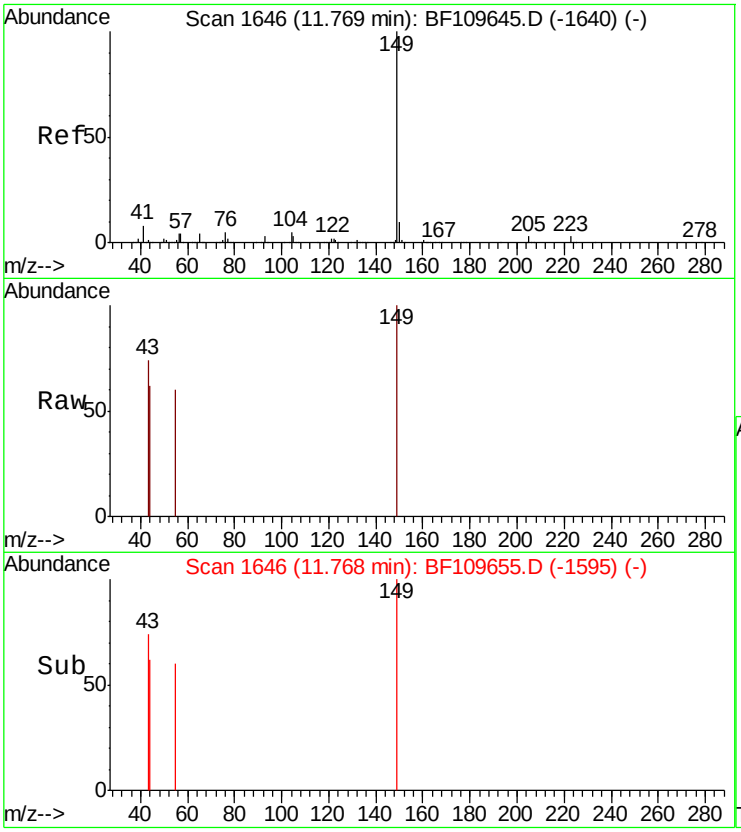




#66
4-Bromophenyl-phenylether
Concen: 2.282 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:248 Resp: 11366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.4 | 79.4 | 119.2# |
| 141 | 524.5 | 55.9 | 83.9# |



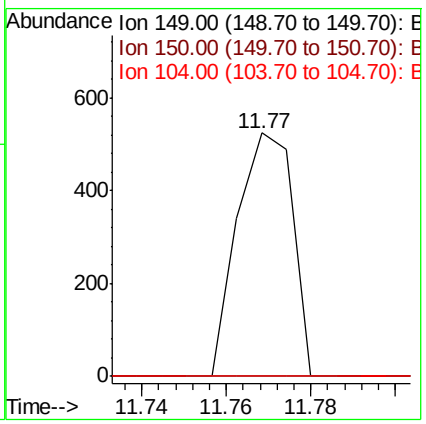


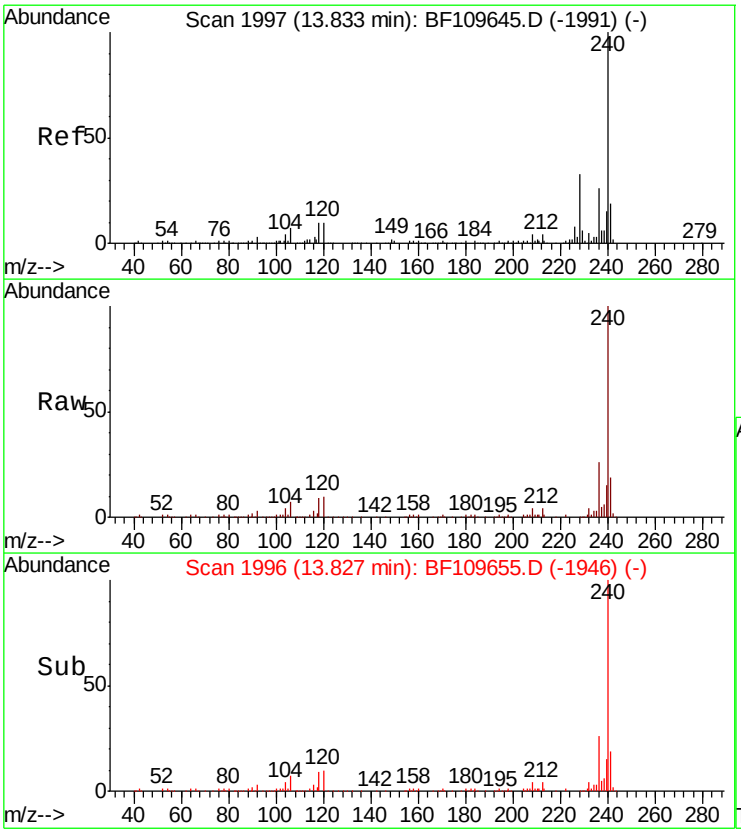

#73
Di-n-butylphthalate
Concen: 0.019 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:149 Resp: 477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.7 | 11.5# |
| 104 | 0.0 | 4.2 | 6.4# |

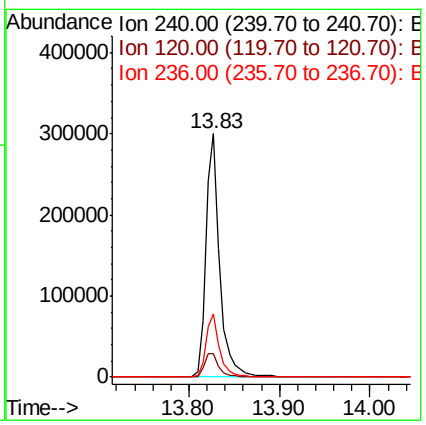


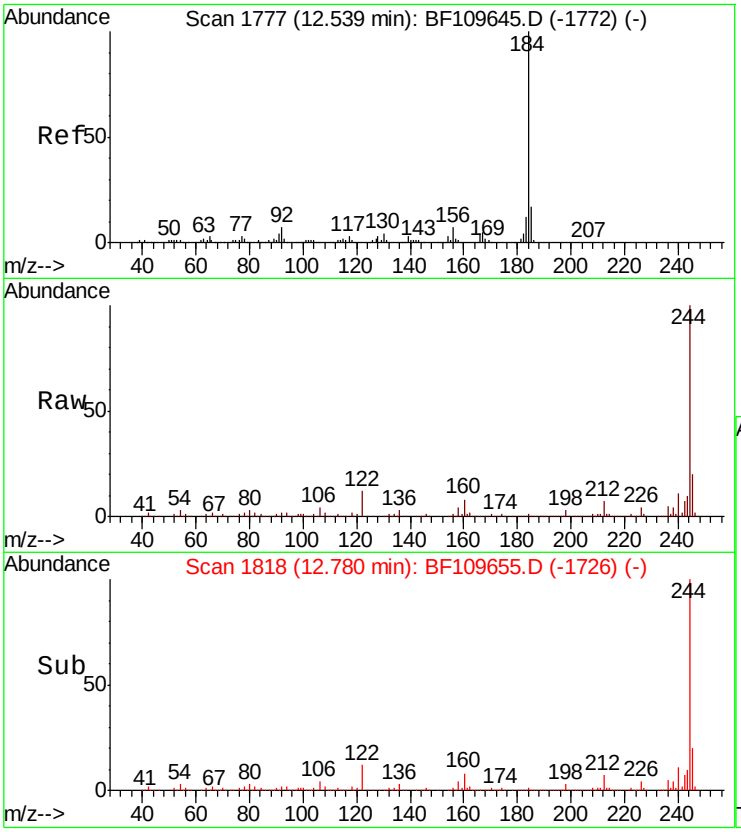




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:240 Resp: 321864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 8.3 | 12.5 |
| 236 | 25.8 | 21.2 | 31.8 |



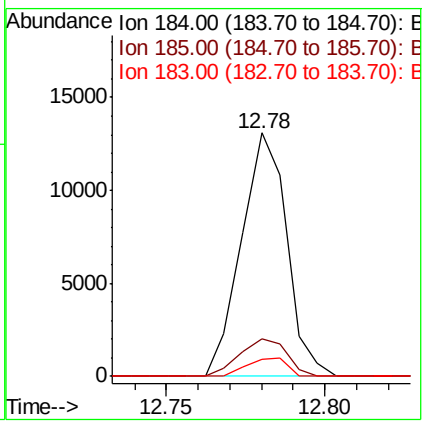


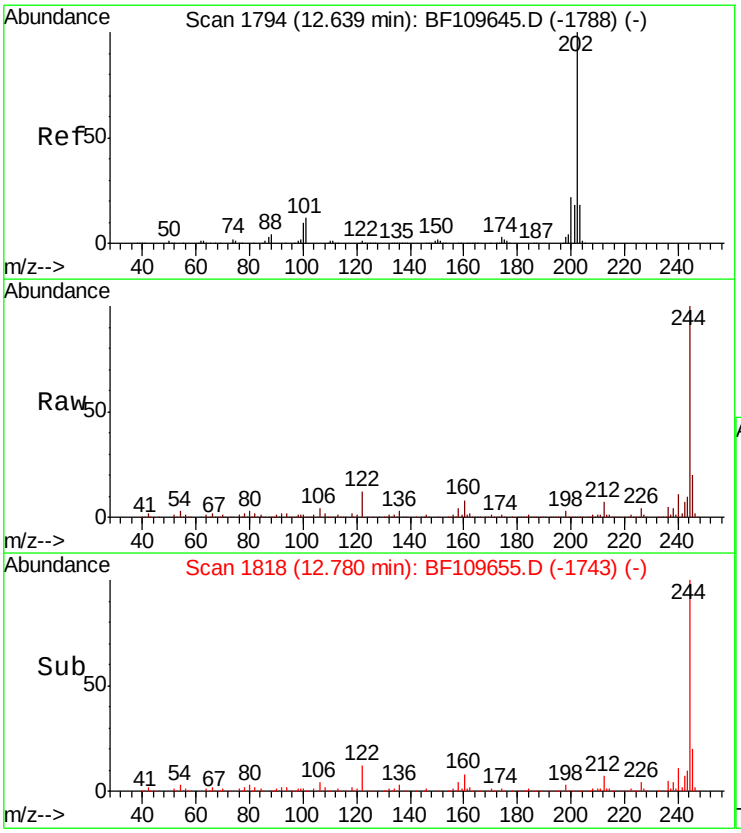

#76
Benzidine
Concen: 1.087 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.24 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:184 Resp: 12996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 13.4 | 20.2 |
| 183 | 7.1 | 9.4 | 14.2# |

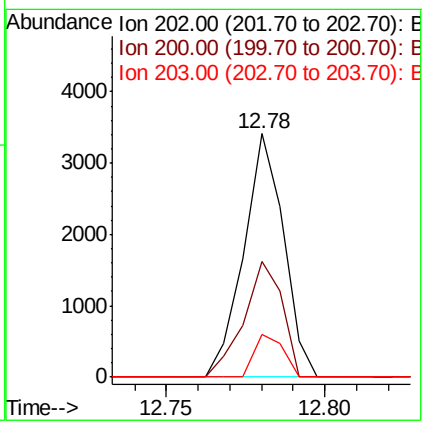


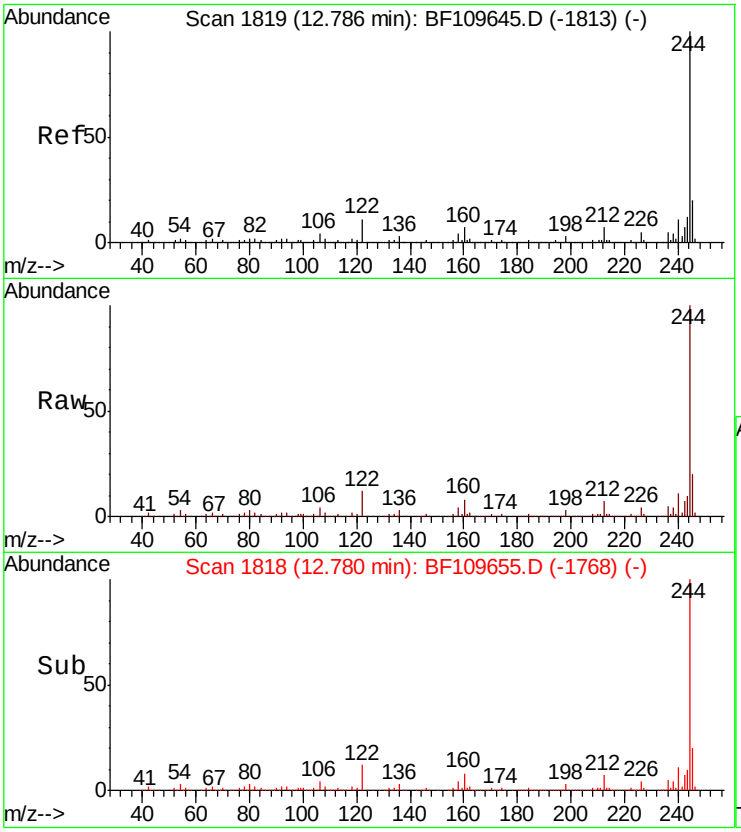




#77
Pyrene
Concen: 0.127 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.14 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:202 Resp: 2986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 47.7 | 17.8 | 26.6# |
| 203 | 17.3 | 14.2 | 21.4 |



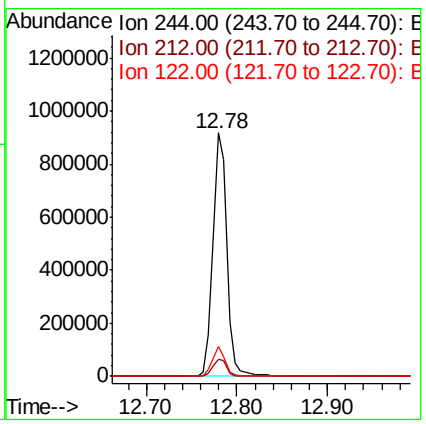


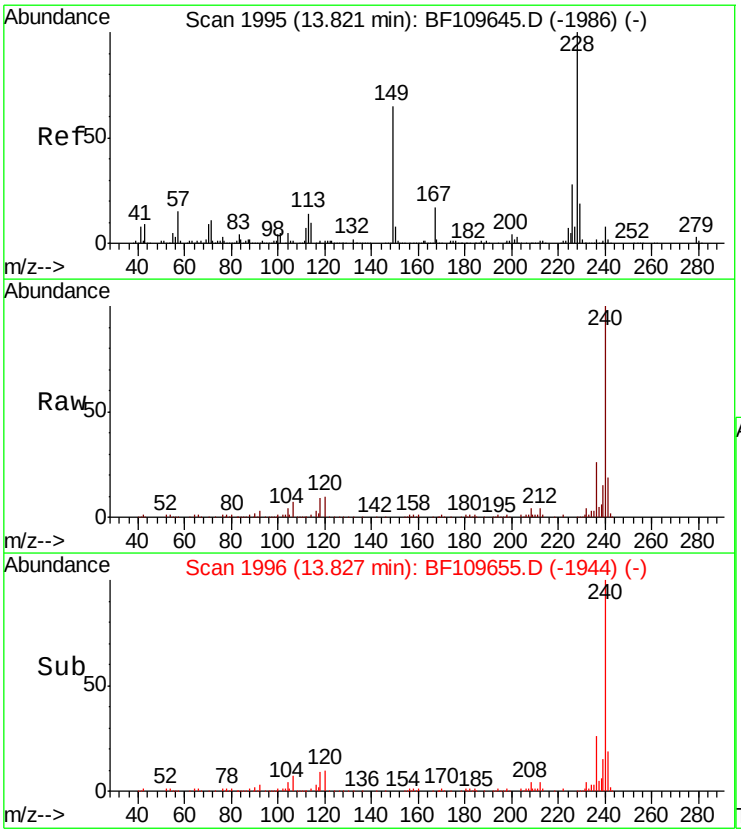

#78
Terphenyl-d14
Concen: 58.970 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:244 Resp: 980463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 12.3 | 8.7 | 13.1 |

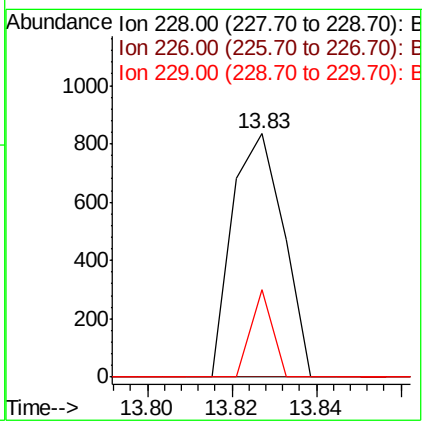


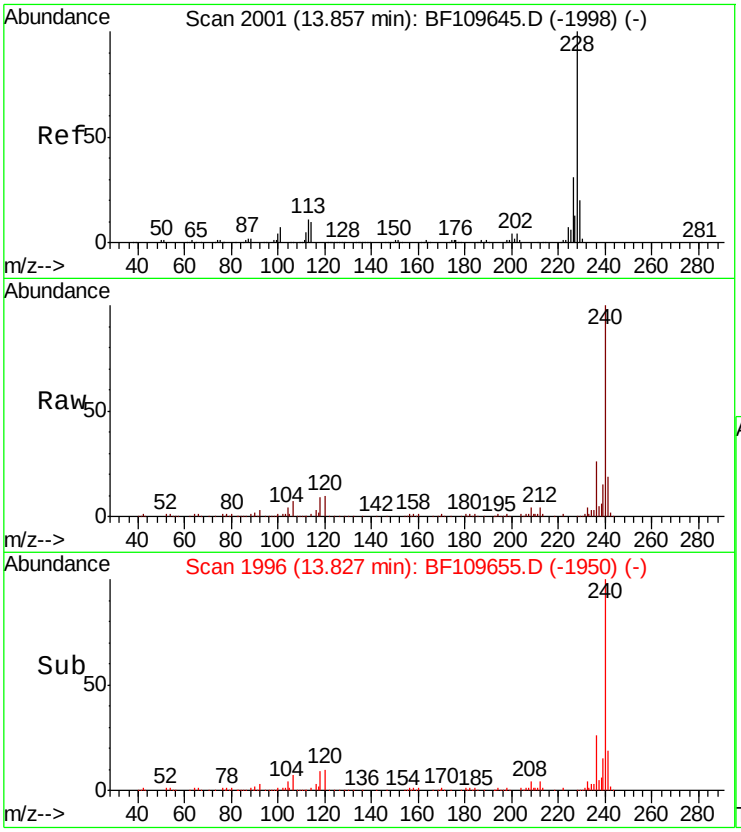




#80
Benzo(a)anthracene
Concen: 0.040 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:228 Resp: 702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 22.1 | 33.1# |
| 229 | 36.0 | 15.6 | 23.4# |



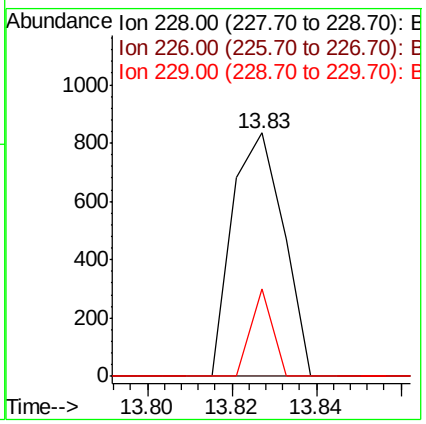


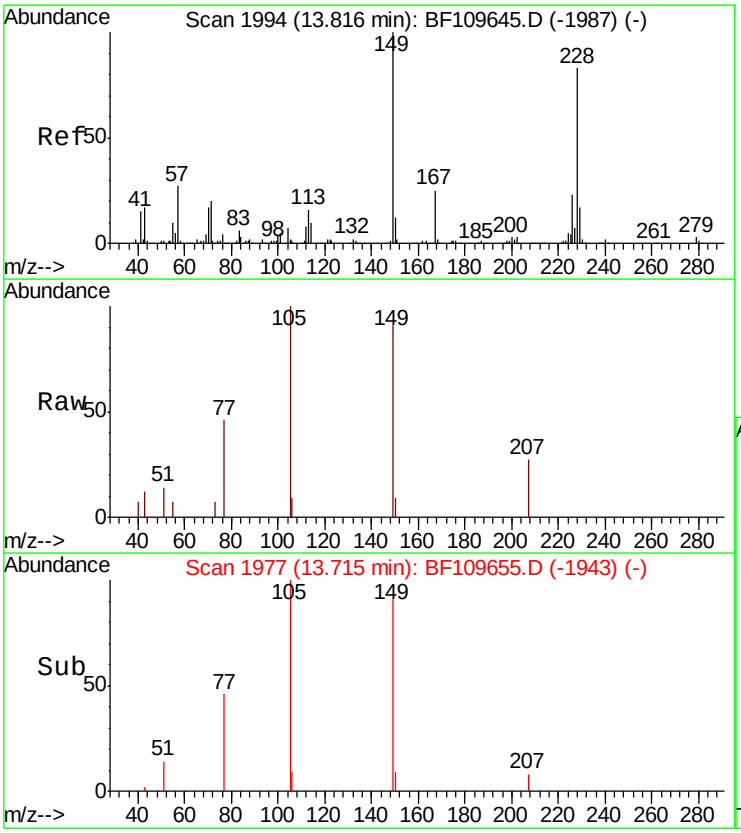

#82
Chrysene
Concen: 0.038 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:228 Resp: 702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 24.7 | 37.1# |
| 229 | 36.0 | 15.9 | 23.9# |

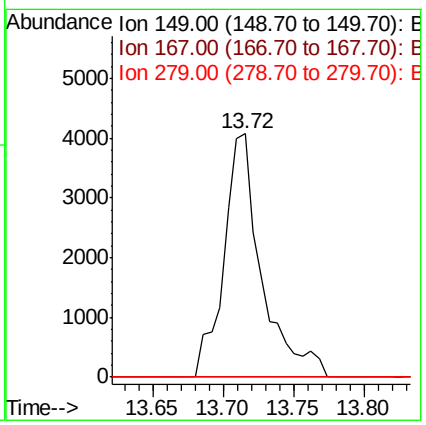


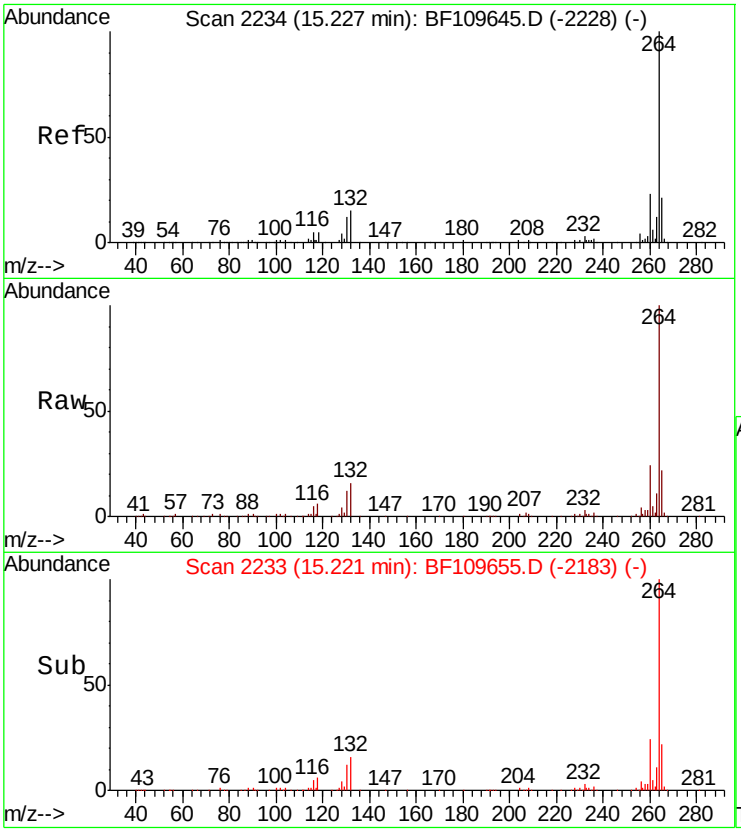




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.606 ng
RT: 13.72 min Scan# 1977
Delta R.T. -0.10 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:149 Resp: 7561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 19.8 | 29.8# |
| 279 | 0.0 | 2.7 | 4.1# |



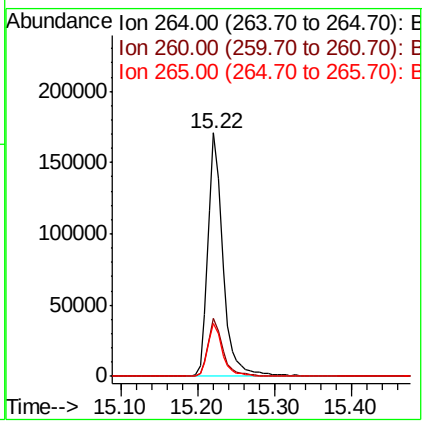


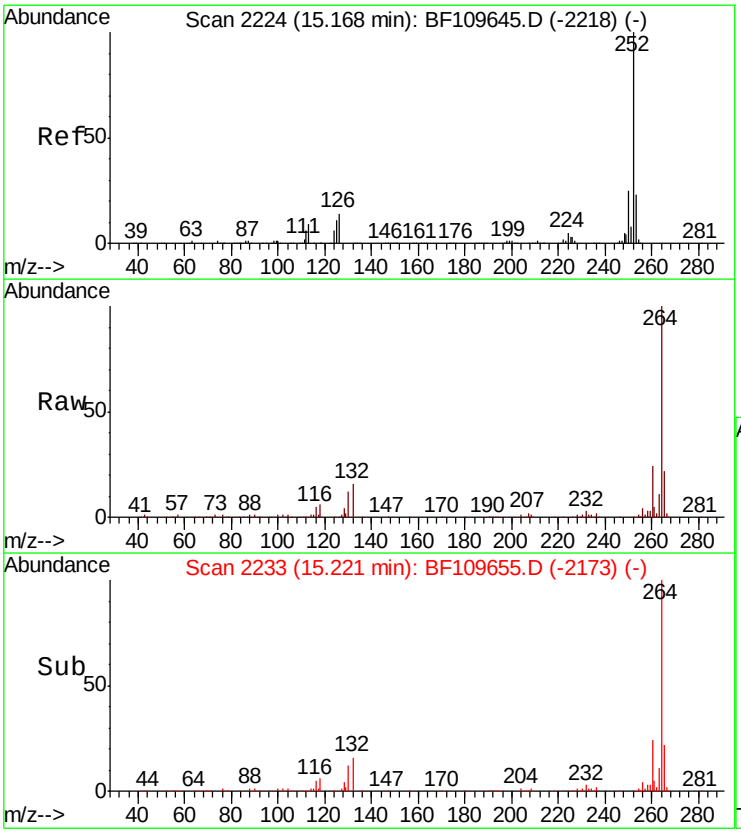

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

**Instrument :**
BNA_F
**ClientSampleId :**
PB113588BL

Tgt Ion:264 Resp: 229029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.7 | 28.1 |
| 265 | 21.6 | 16.7 | 25.1 |




#89
Benzo(a)pyrene
Concen: 0.051 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.05 min
Lab File: BF109655.D
Acq: 8 Oct 2018 18:41

Tgt Ion:252 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 18.2 | 27.4# |
| 125 | 0.0 | 9.0 | 13.6# |