Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\

Quantitation Report (Not Reviewed)

Data File : BF108881.D
Acq On : 8 Sep 2018 00:57
Operator : JU/SJ
Sample : J4811-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 090518-SIDI-E-D-S

Quant Time: Sep 08 03:10:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 209165 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 755554 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 340112 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 543634 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 461754 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 499069 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 551063 | 43.65 | ng | | 0.00 |
| 7) Phenol-d6 | 6.36 | 99 | 437839 | 26.95 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 1323350 | 109.61 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 286518 | 88.24 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 2054072 | 103.03 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1585300 | 80.06 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 180032 | 15.943 | ng | # | 78 |
| 25) Isophorone | 7.30 | 82 | 1316058 | 54.649 | ng | # | 64 |
| 49) Dimethylphthalate | 9.48 | 163 | 128043 | 5.383 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.77 | 165 | 43525 | 9.602 | ng | # | 26 |
| 56) 2,4-Dinitrotoluene | 9.77 | 165 | 43525 | 7.508 | ng | # | 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 612 | 7.114 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.55 | 248 | 17587 | 2.864 | ng | # | 1 |

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

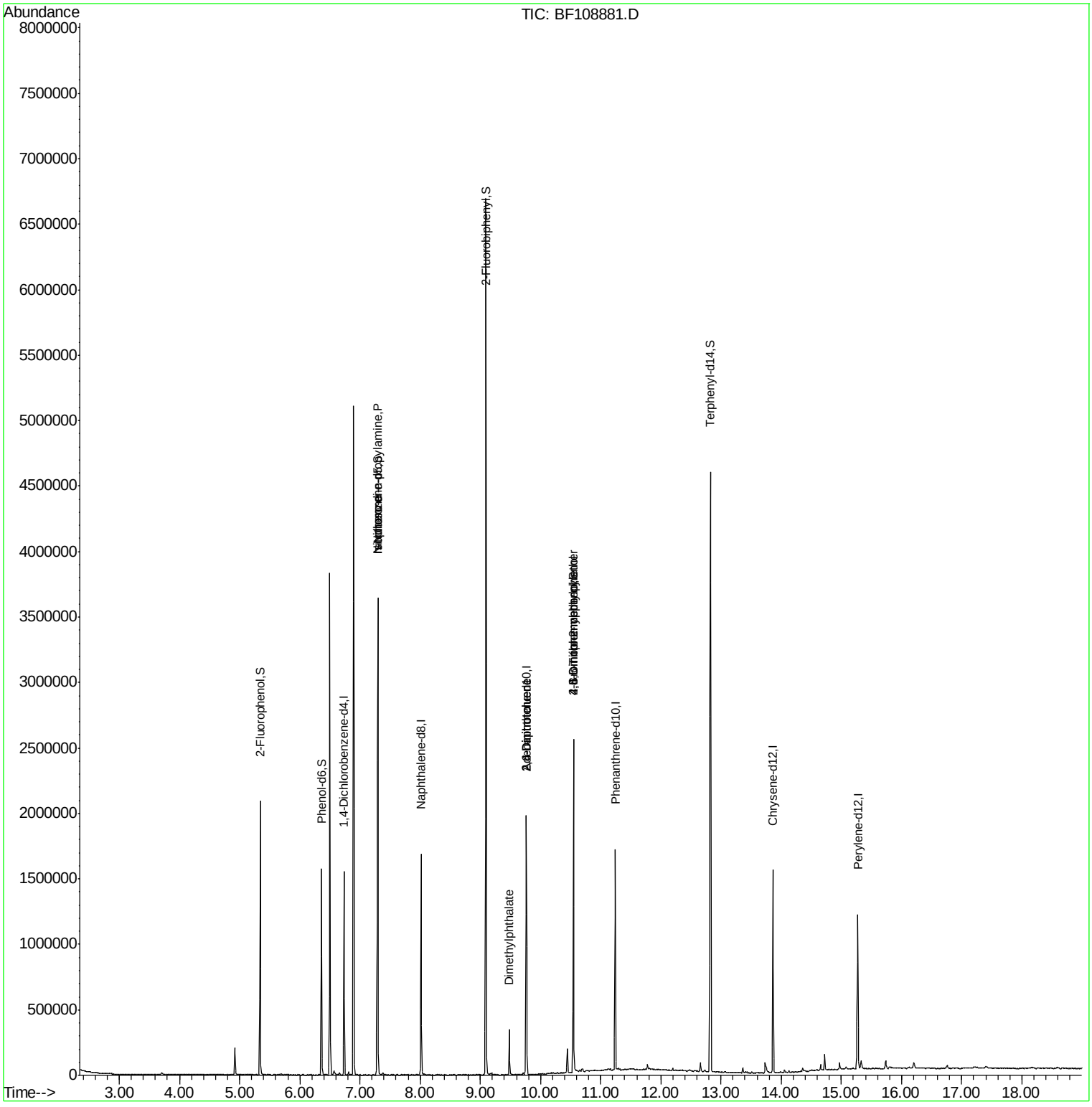
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\

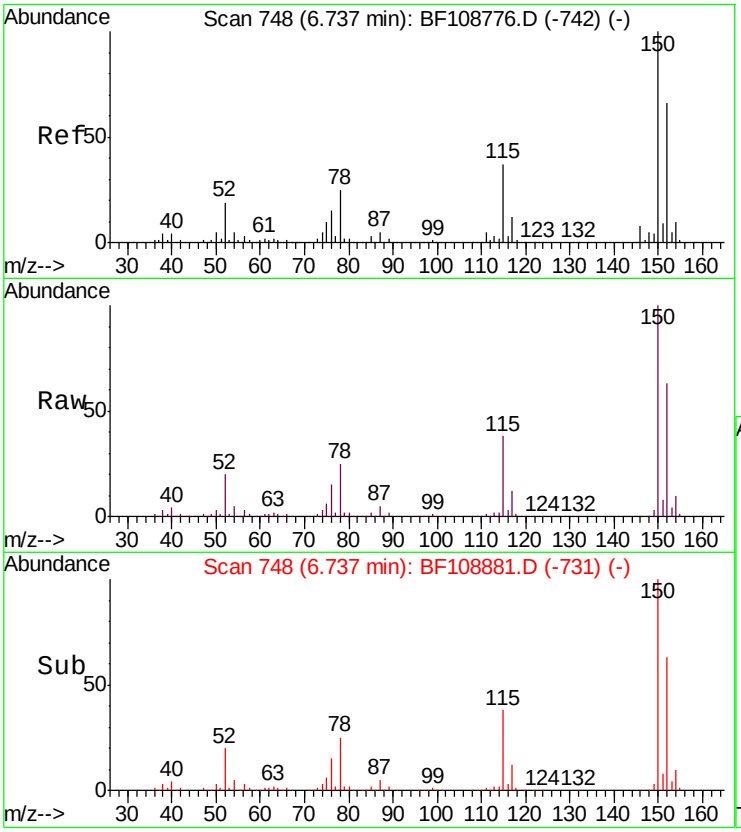
Quantitation Report (Not Reviewed)

Data File : BF108881.D
Acq On : 8 Sep 2018 00:57
Operator : JU/SJ
Sample : J4811-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Quant Time: Sep 08 03:10:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



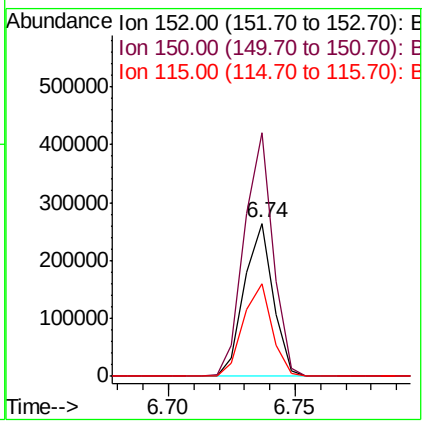


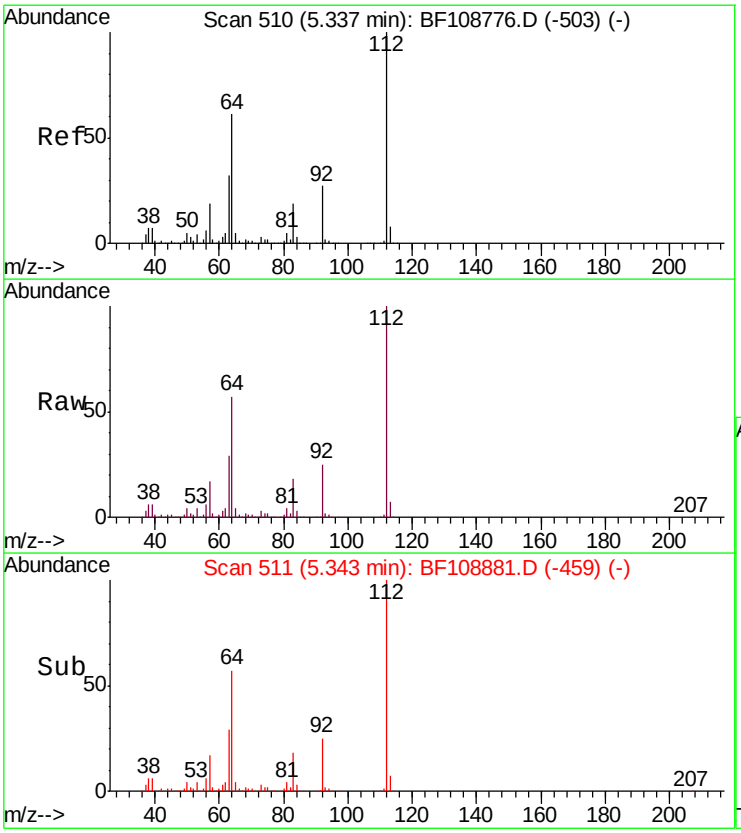

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Tgt Ion:152 Resp: 209165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.2 | 124.6 | 186.8 |
| 115 | 60.5 | 50.1 | 75.1 |

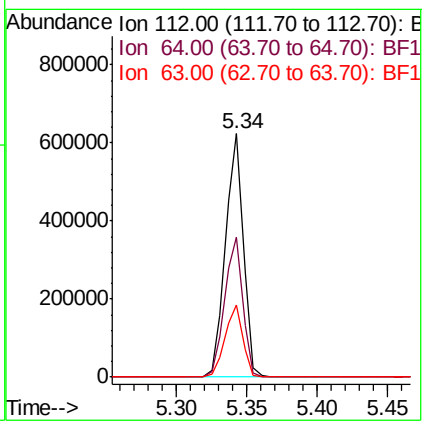


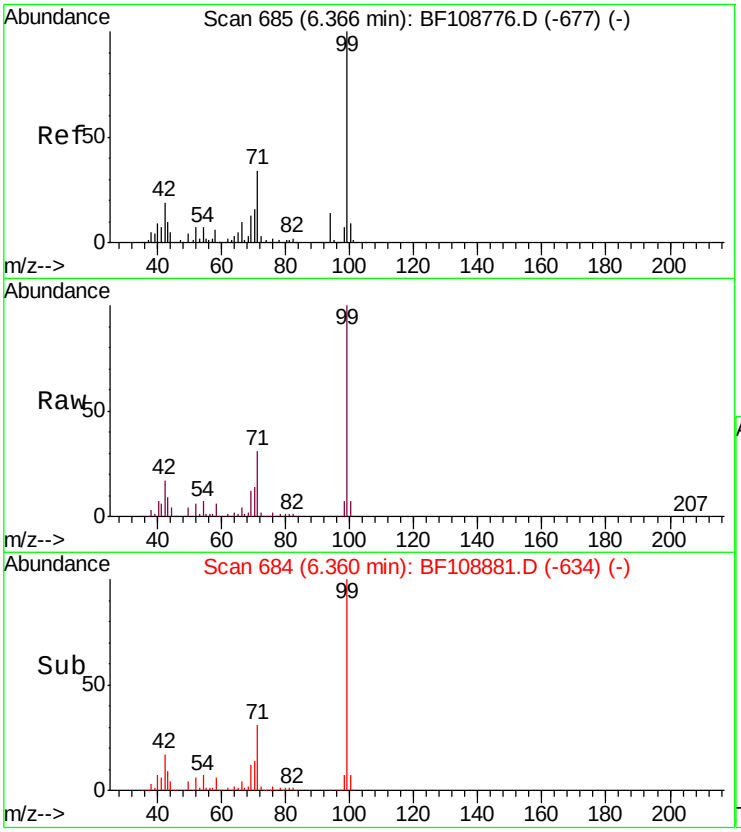




#5
2-Fluorophenol
Concen: 43.646 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

Tgt Ion:112 Resp: 551063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 47.9 | 71.9 |
| 63 | 29.5 | 23.7 | 35.5 |



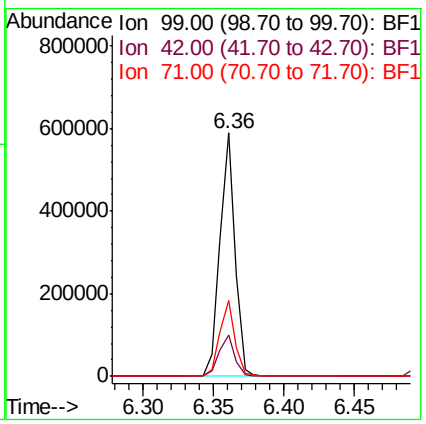


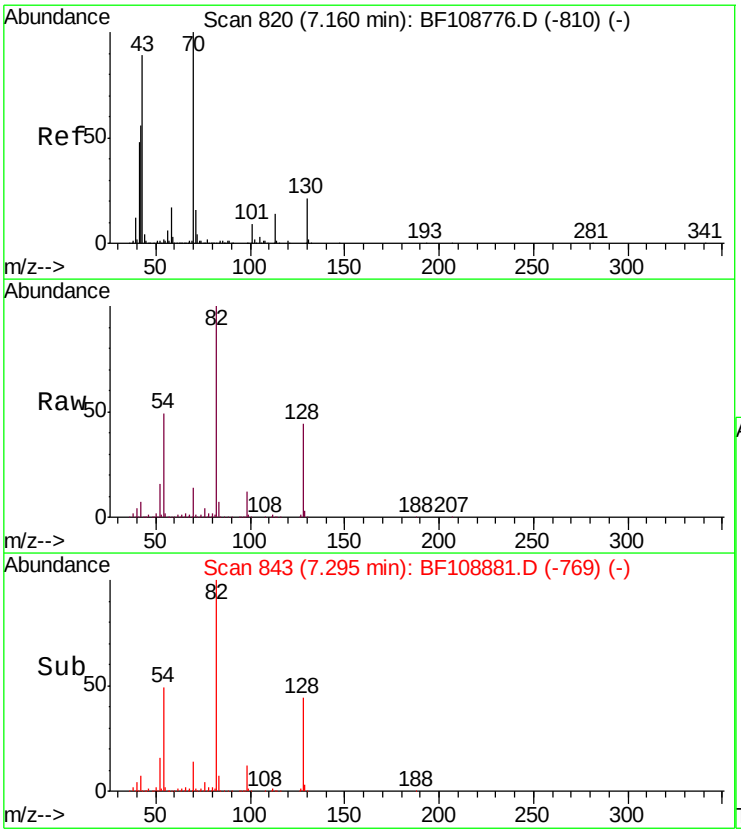

#7
Phenol-d6
Concen: 26.952 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Tgt Ion: 99 Resp: 437839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.2 | 14.5 | 21.7 |
| 71 | 31.4 | 25.4 | 38.0 |

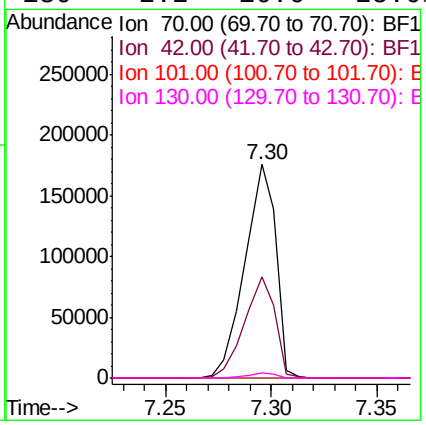


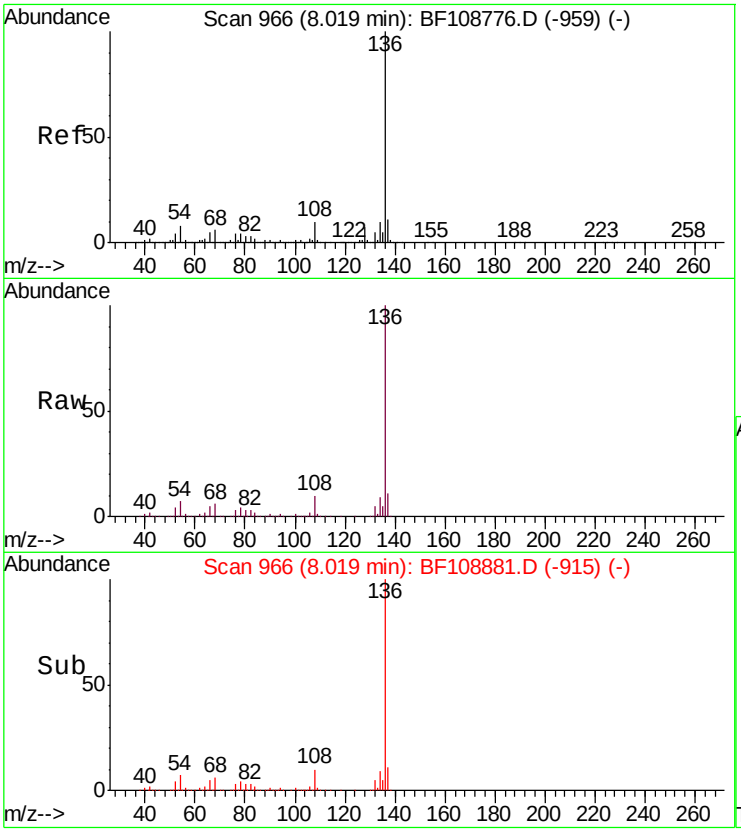




#19
n-Nitroso-di-n-propylamine
Concen: 15.943 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

Tgt Ion: 70 Resp: 180032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.5 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.2 | 16.6 | 25.0# |



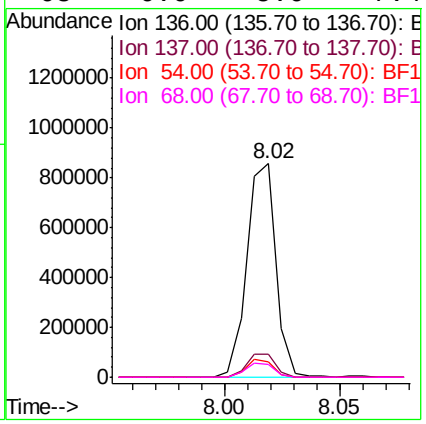


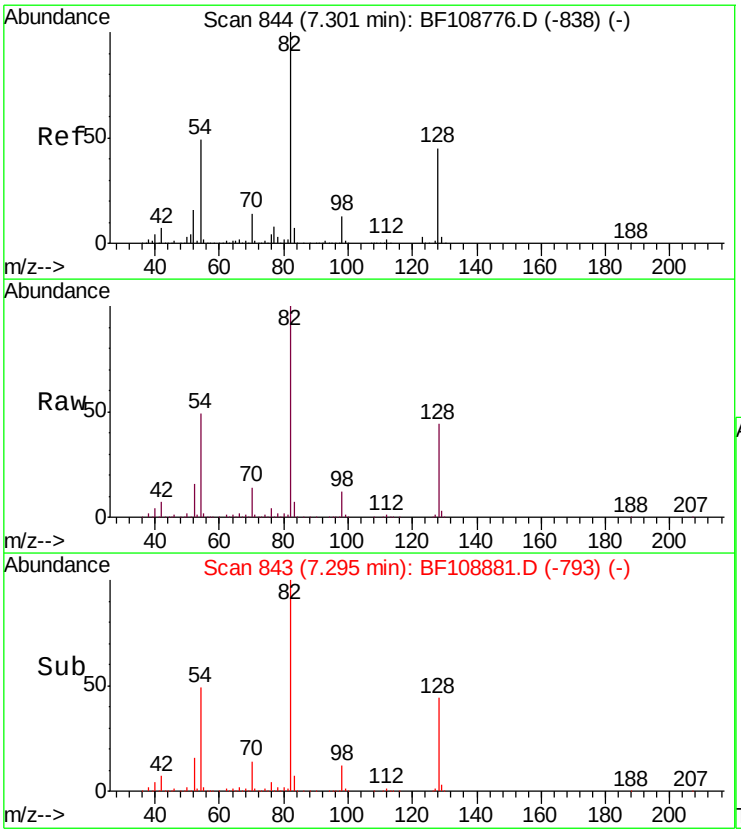

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Tgt Ion:136 Resp: 755554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 7.2 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |

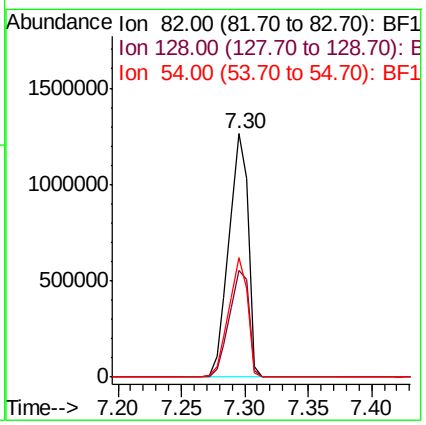


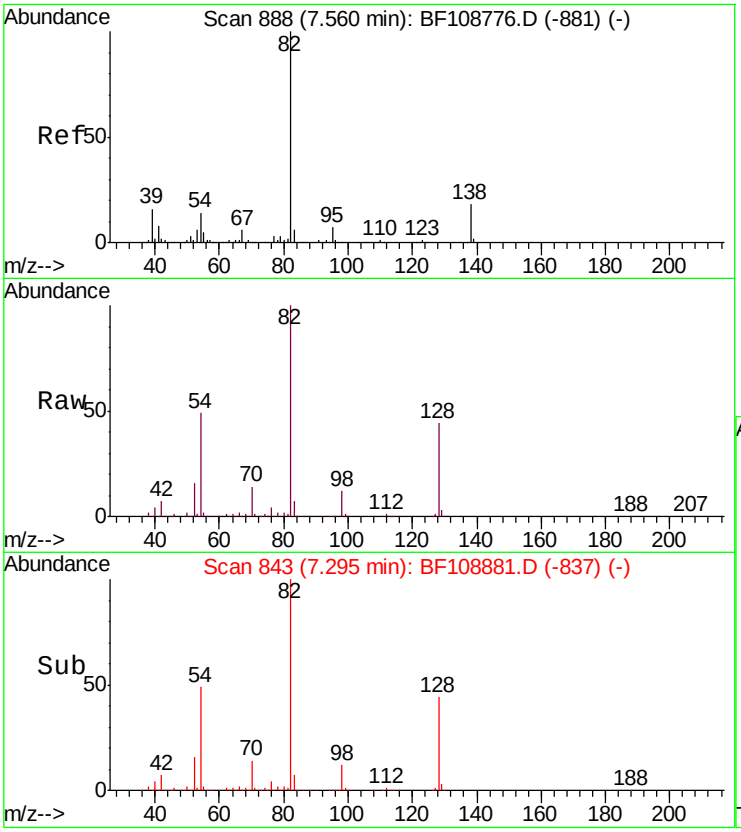




#23
Nitrobenzene-d5
Concen: 109.610 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

Tgt Ion: 82 Resp: 1323350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 36.1 | 54.1 |
| 54 | 49.1 | 41.4 | 62.2 |



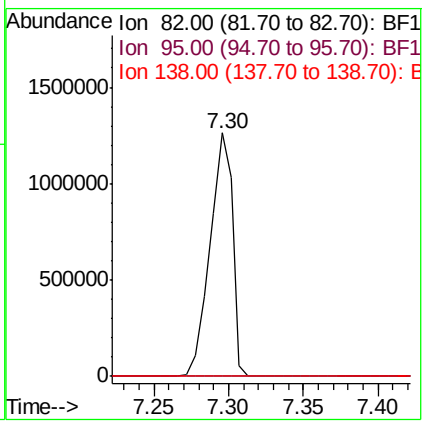


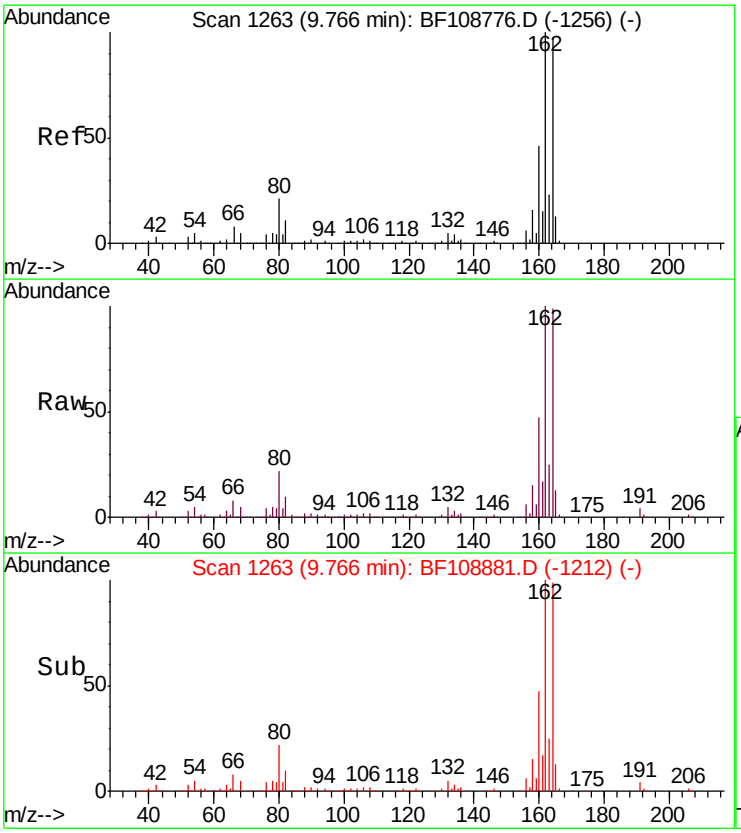

#25
Isophorone
Concen: 54.649 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Tgt Ion: 82 Resp: 1316058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

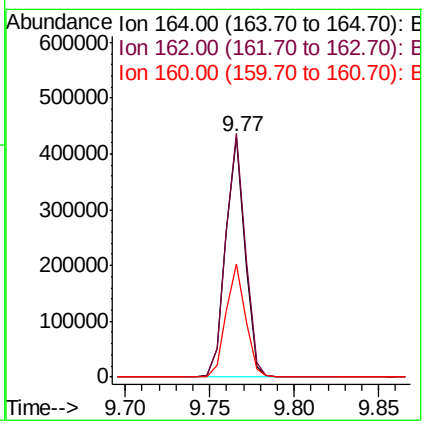


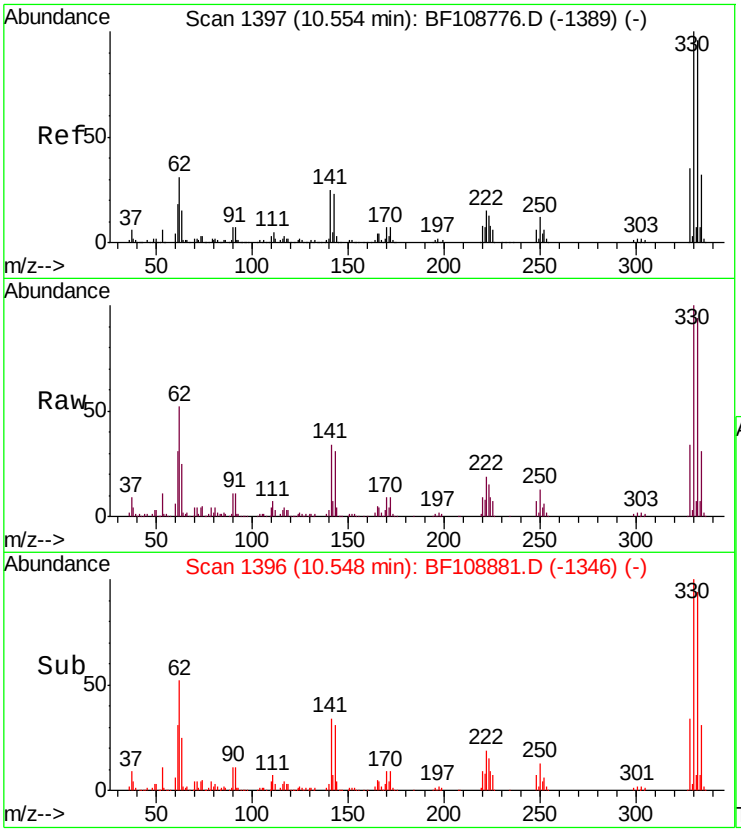




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

Tgt Ion:164 Resp: 340112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 86.1 | 129.1 |
| 160 | 47.2 | 38.3 | 57.5 |



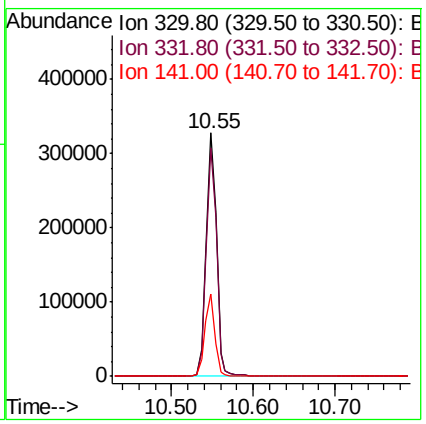


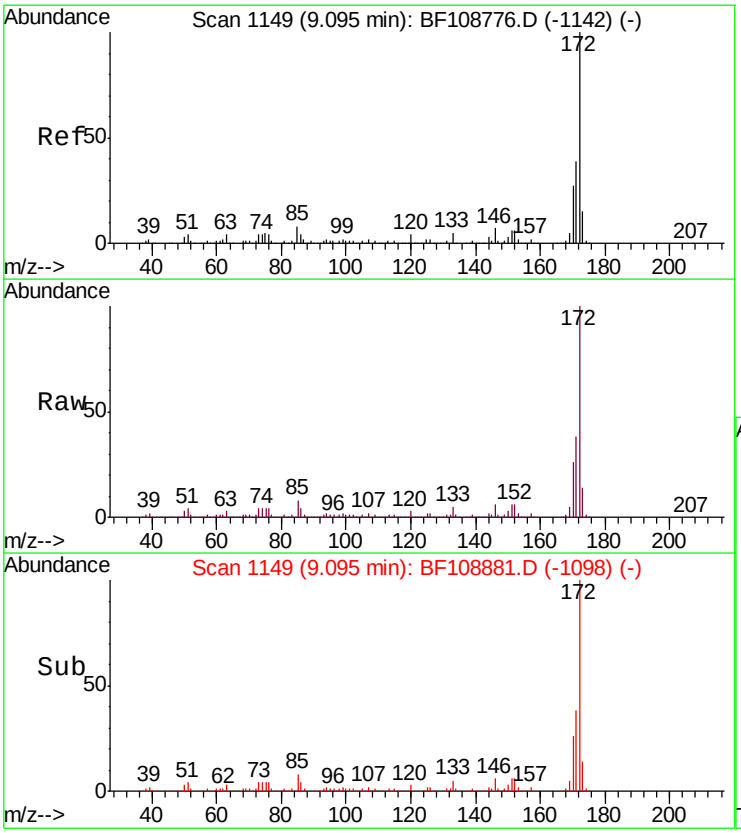

#41
2,4,6-Tribromophenol
Concen: 88.244 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

**Instrument :**
BNA_F
**ClientSampleId :**
090518-SIDI-E-D-S

Tgt Ion:330 Resp: 286518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 77.0 | 115.6 |
| 141 | 32.7 | 29.9 | 44.9 |




#44
2-Fluorobiphenyl
Concen: 103.031 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108881.D
Acq: 8 Sep 2018 00:57

Tgt Ion:172 Resp: 2054072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.3 | 29.7 | 44.5 |
| 170 | 25.8 | 19.6 | 29.4 |