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

Quantitation Report (Not Reviewed)

Data File : BF108885.D
Acq On : 8 Sep 2018 2:45
Operator : JU/SJ
Sample : J4811-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 090518-TIPC-E-U-M

Quant Time: Sep 08 03:11:26 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 | 229743 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 832507 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 372012 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 598152 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 488094 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 515847 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 625231 | 45.09 | ng | 0.00 |
| 7) Phenol-d6 | 6.36 | 99 | 522977 | 29.31 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 1500951 | 112.83 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 320805 | 90.33 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 2299659 | 105.46 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1795045 | 85.76 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 207728 | 16.748 | ng | # 78 |
| 25) Isophorone | 7.30 | 82 | 1490072 | 56.155 | ng | # 64 |
| 49) Dimethylphthalate | 9.48 | 163 | 101494 | 3.901 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 9.77 | 165 | 47500 | 9.580 | ng | # 26 |
| 56) 2,4-Dinitrotoluene | 9.77 | 165 | 47500 | 7.491 | ng | # 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198 | 542 | 7.066 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.55 | 248 | 19998 | 2.960 | ng | # 1 |

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

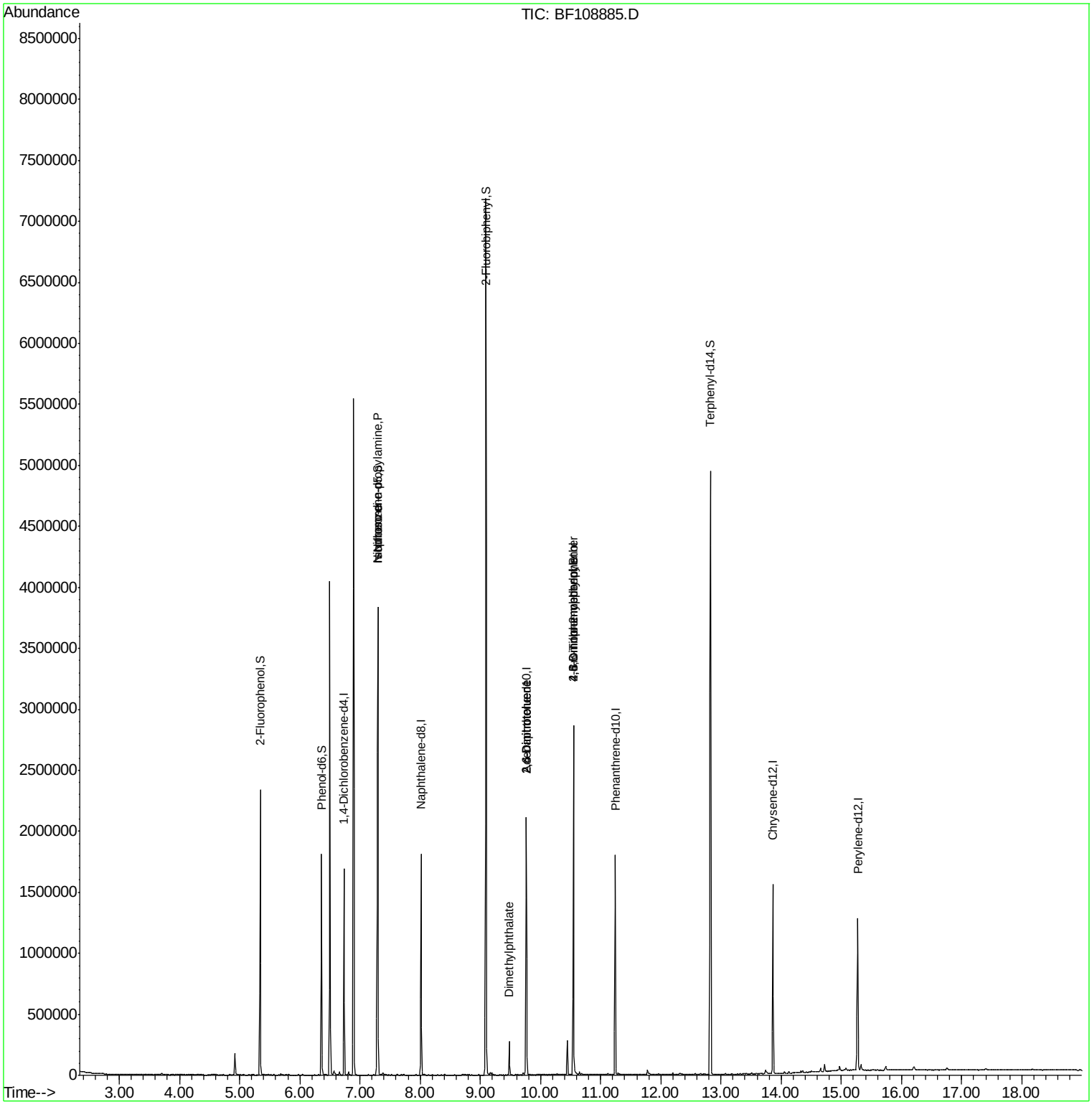
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\

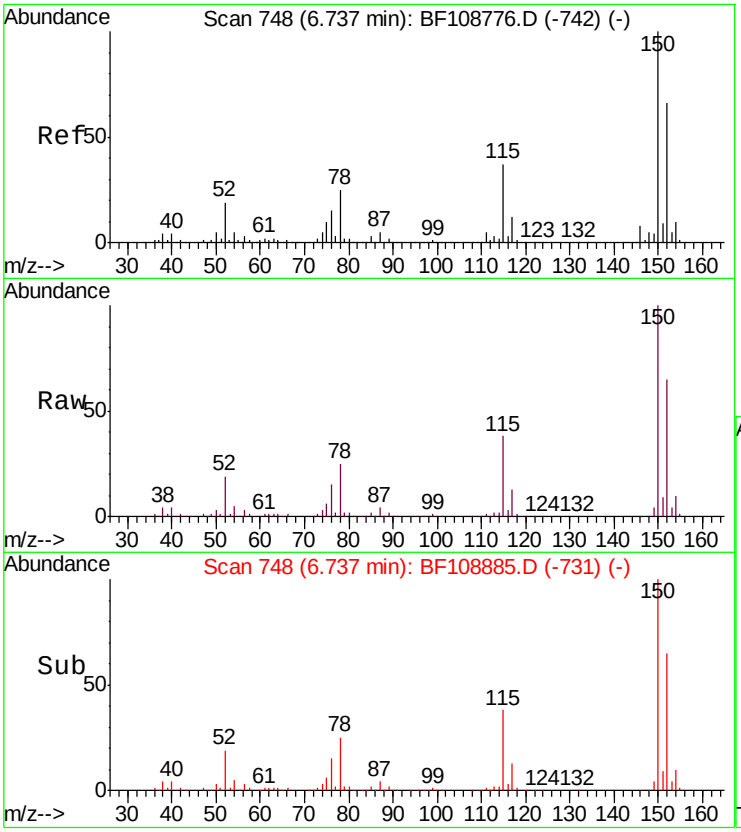
Quantitation Report (Not Reviewed)

Data File : BF108885.D
Acq On : 8 Sep 2018 2:45
Operator : JU/SJ
Sample : J4811-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Quant Time: Sep 08 03:11:26 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



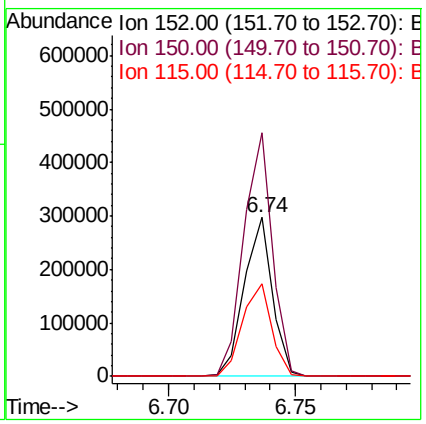


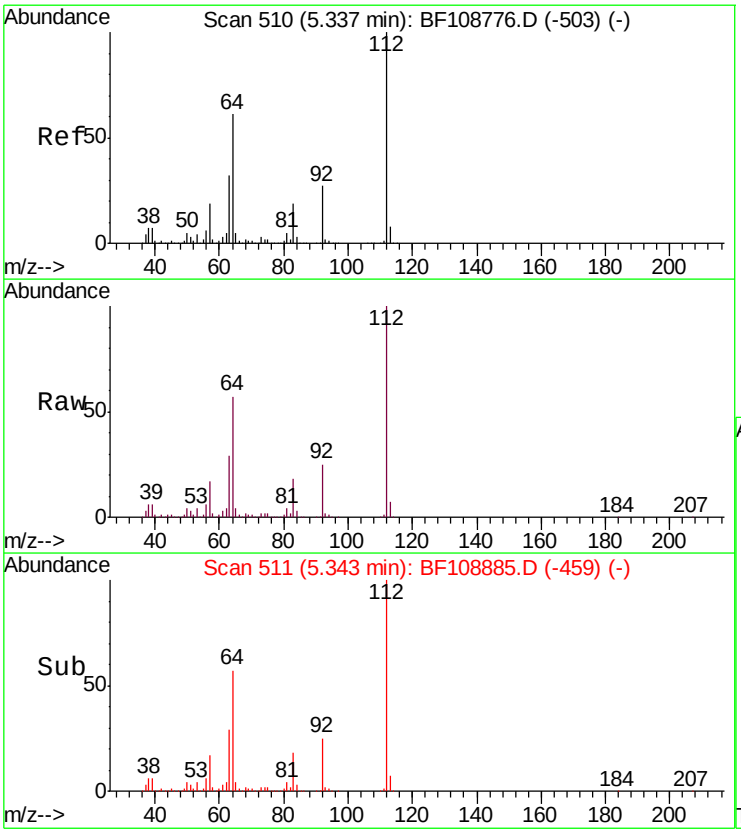

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:152 Resp: 229743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.3 | 124.6 | 186.8 |
| 115 | 58.4 | 50.1 | 75.1 |

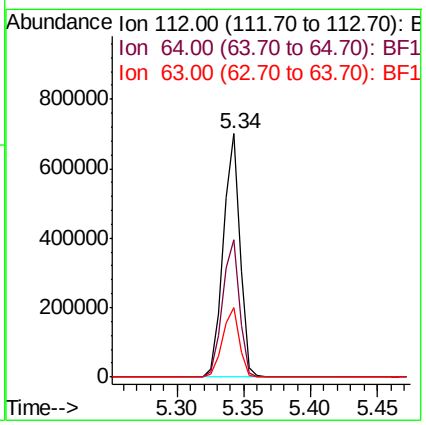


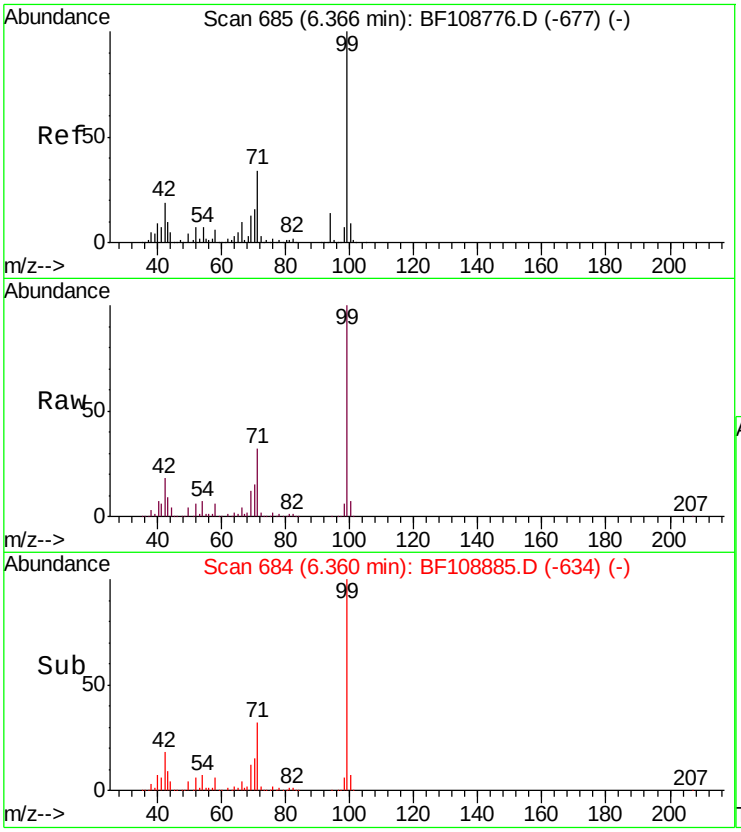




#5
2-Fluorophenol
Concen: 45.085 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:112 Resp: 625231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.6 | 47.9 | 71.9 |
| 63 | 28.6 | 23.7 | 35.5 |



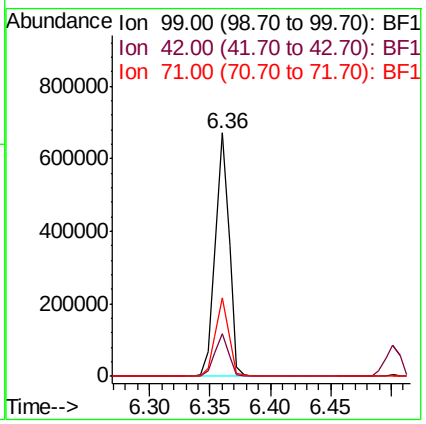


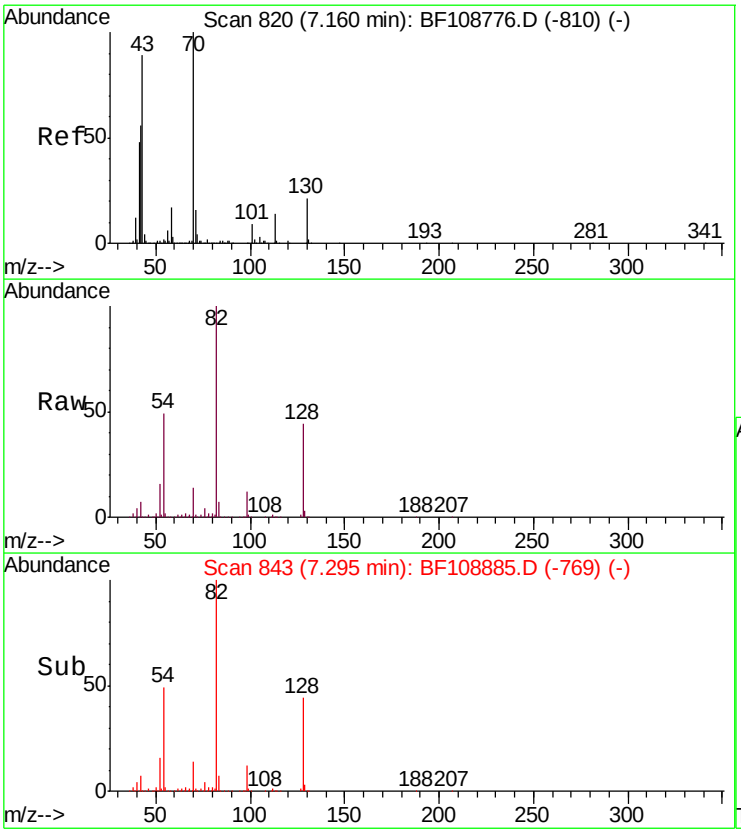

#7
Phenol-d6
Concen: 29.310 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion: 99 Resp: 522977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 14.5 | 21.7 |
| 71 | 32.2 | 25.4 | 38.0 |

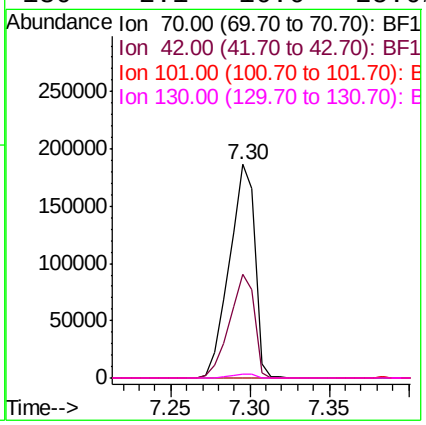


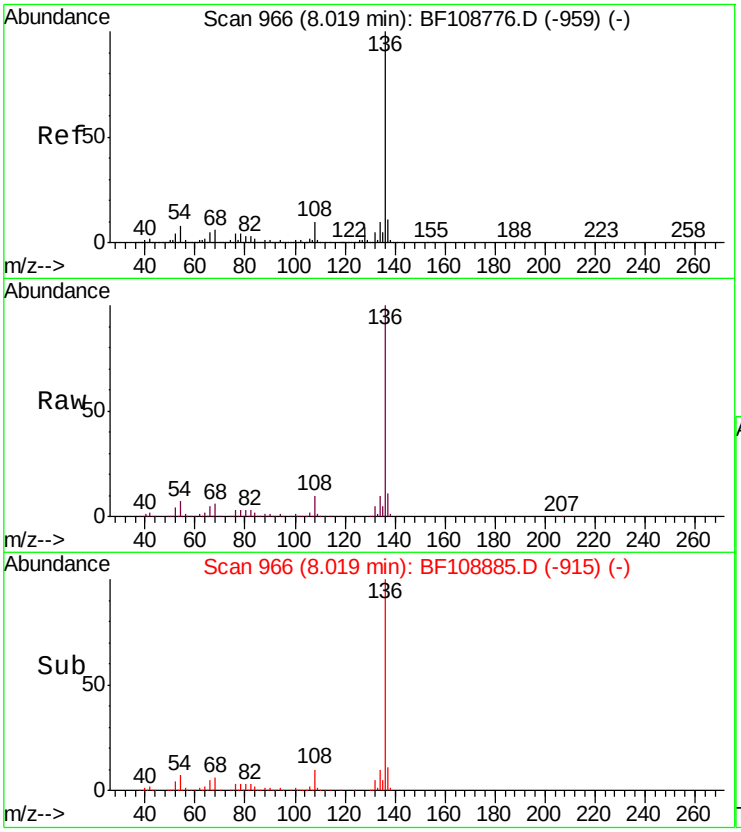




#19
n-Nitroso-di-n-propylamine
Concen: 16.748 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion: 70 Resp: 207728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.6 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.1 | 16.6 | 25.0# |



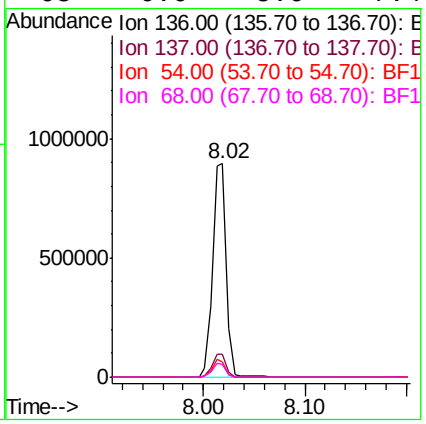


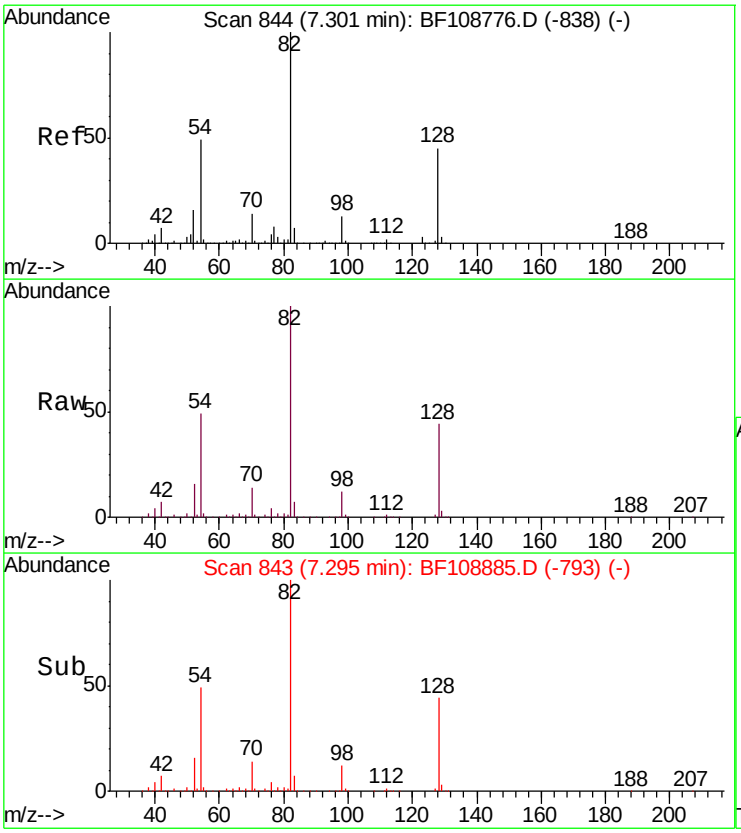

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:136 Resp: 832507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 6.9 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |

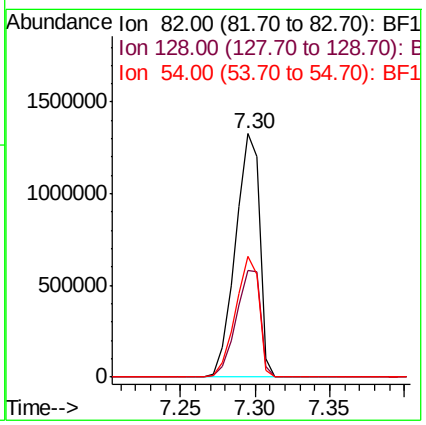


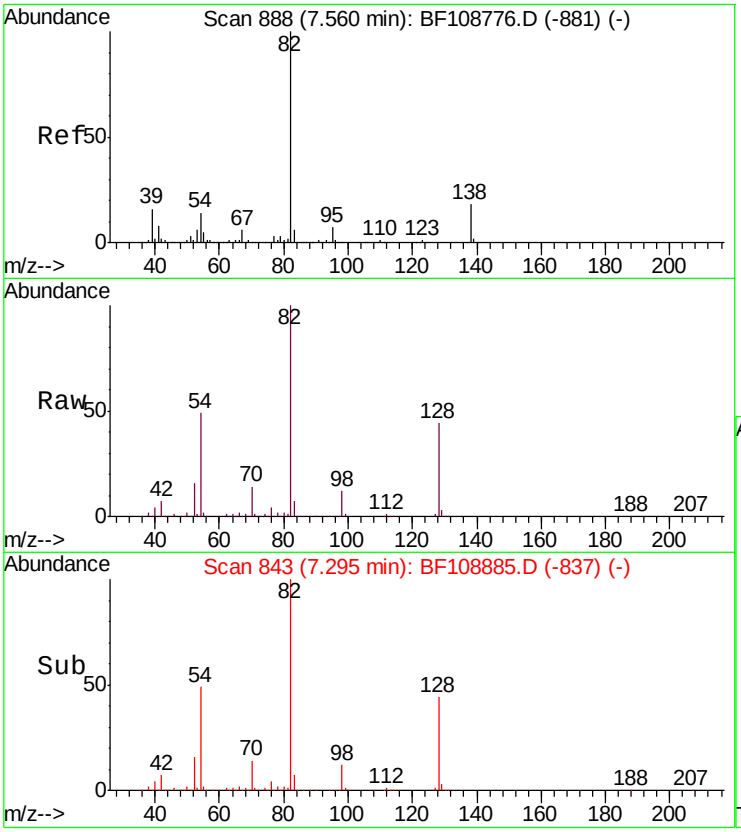




#23
Nitrobenzene-d5
Concen: 112.829 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion: 82 Resp: 1500951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 36.1 | 54.1 |
| 54 | 49.4 | 41.4 | 62.2 |



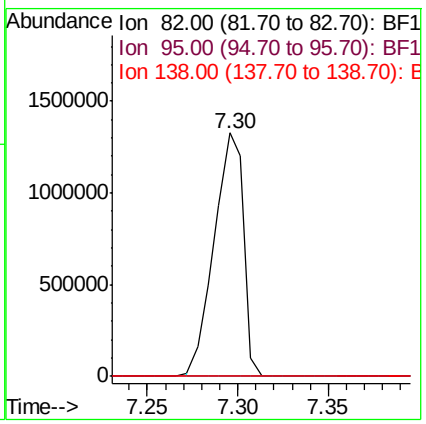


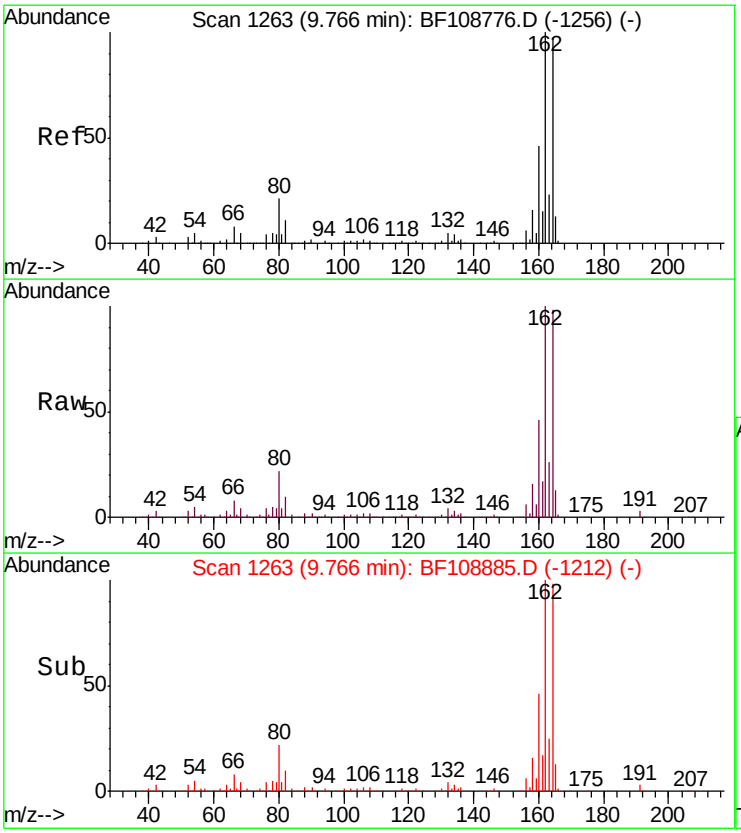

#25
Isophorone
Concen: 56.155 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion: 82 Resp: 1490072

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

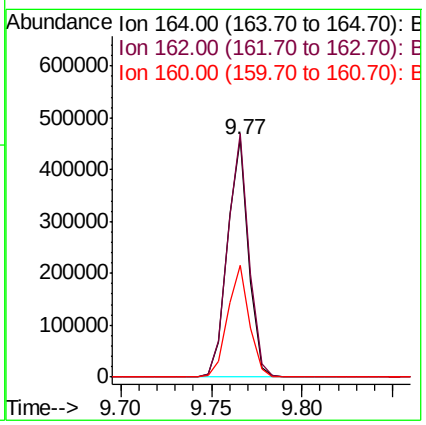


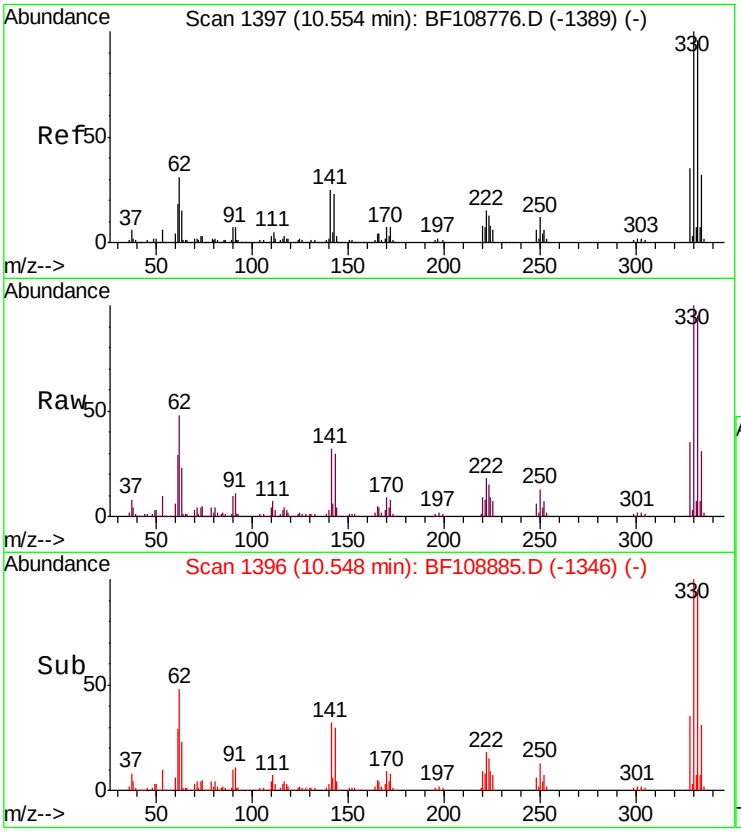




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:164 Resp: 372012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 86.1 | 129.1 |
| 160 | 47.1 | 38.3 | 57.5 |



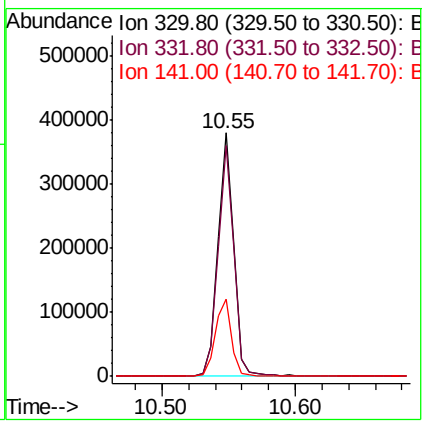


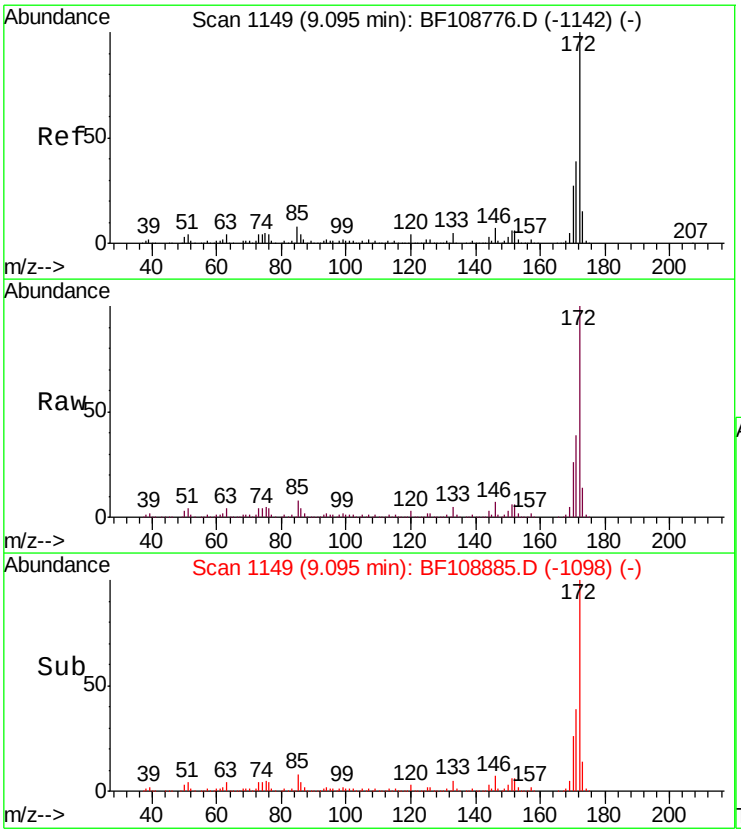

#41
2,4,6-Tribromophenol
Concen: 90.332 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:330 Resp: 320805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 77.0 | 115.6 |
| 141 | 32.6 | 29.9 | 44.9 |

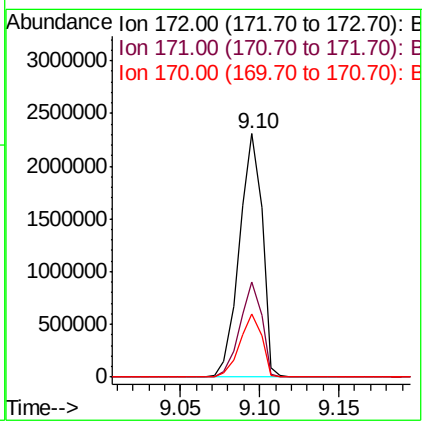


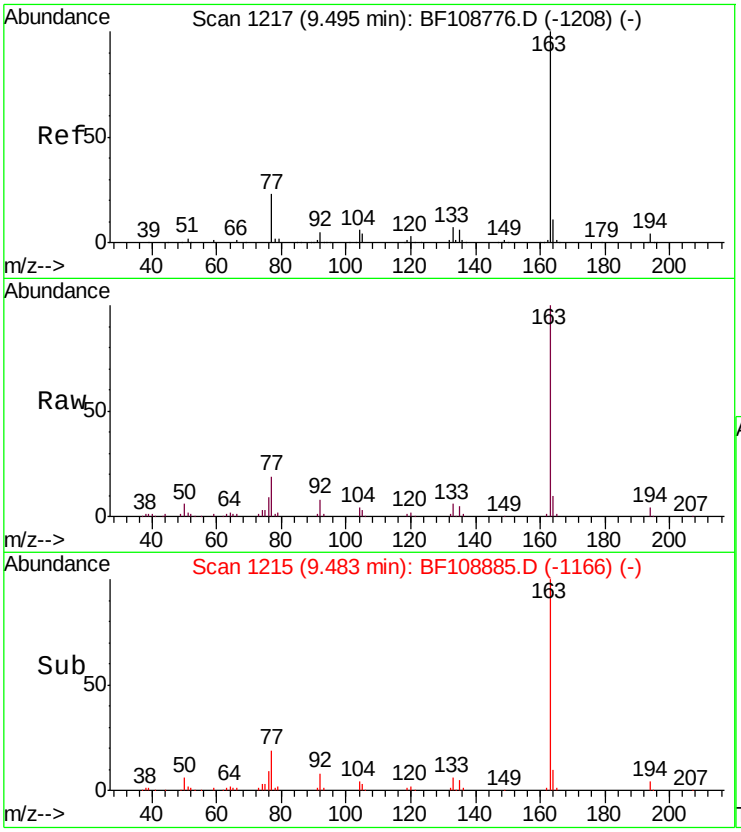




#44
2-Fluorobiphenyl
Concen: 105.459 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:172 Resp: 2299659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.8 | 29.7 | 44.5 |
| 170 | 26.1 | 19.6 | 29.4 |



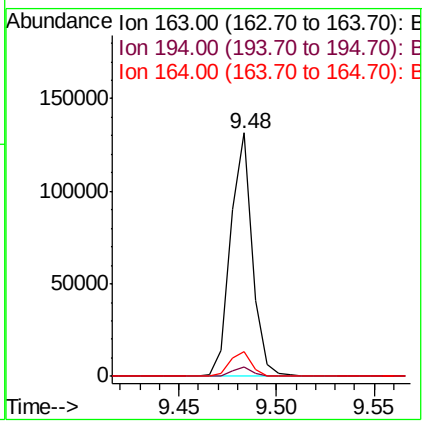


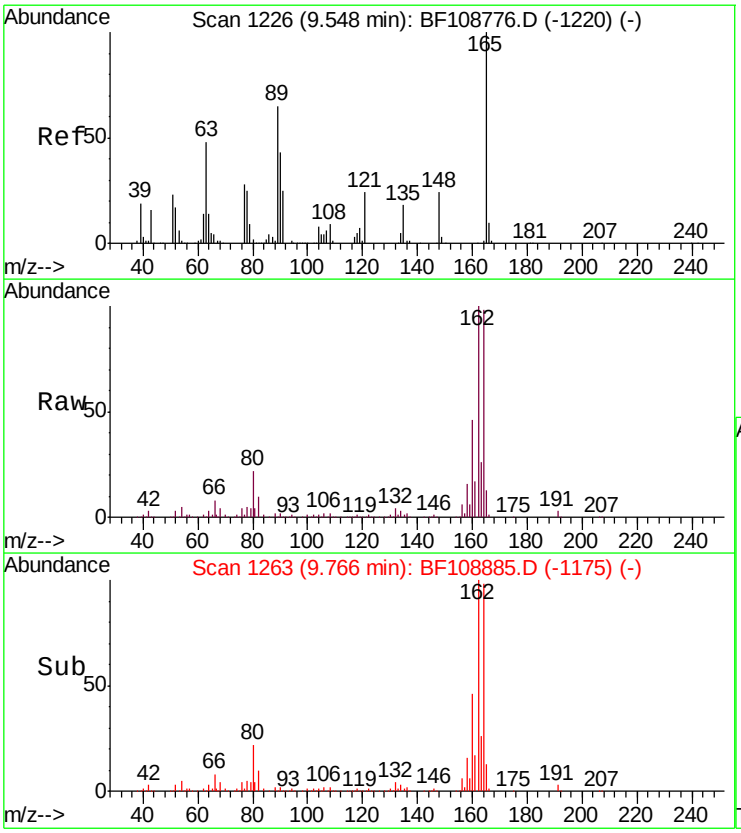

#49
Dimethylphthalate
Concen: 3.901 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:163 Resp: 101494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.1 | 8.2 | 12.2 |

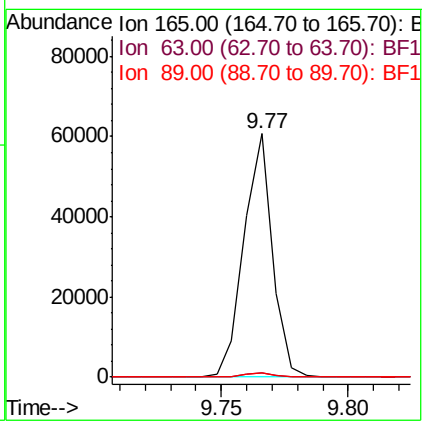


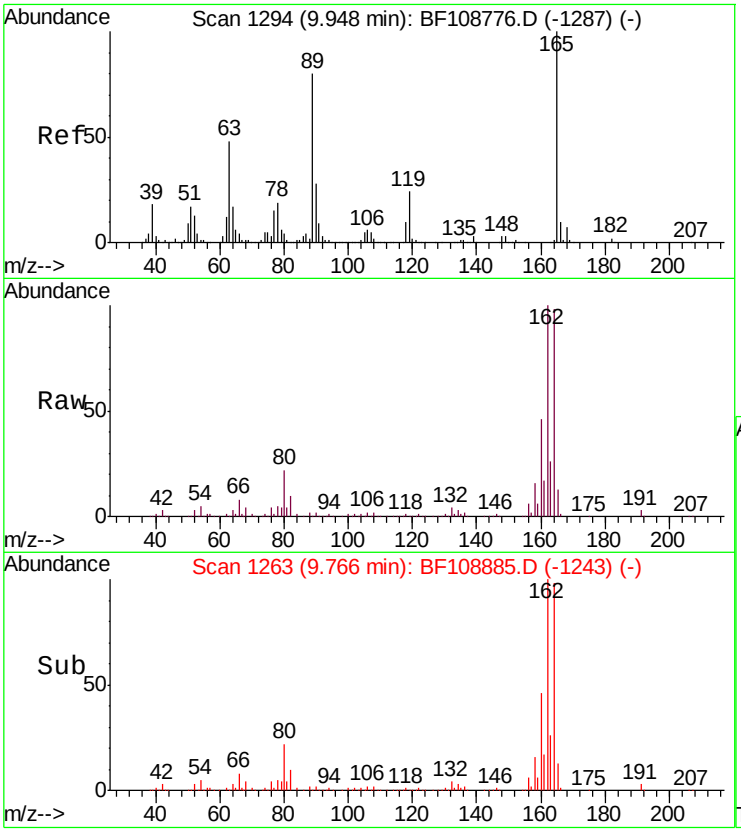




#50
2,6-Dinitrotoluene
Concen: 9.580 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:165 Resp: 47500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 44.7 | 67.1# |
| 89 | 1.6 | 44.0 | 66.0# |



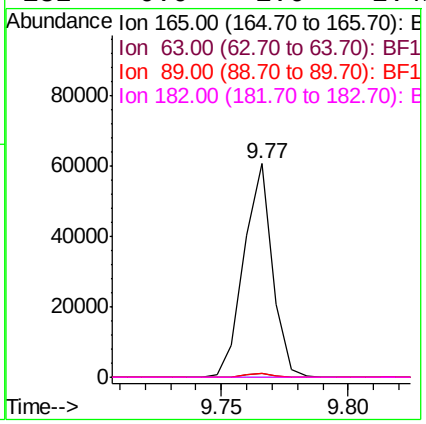


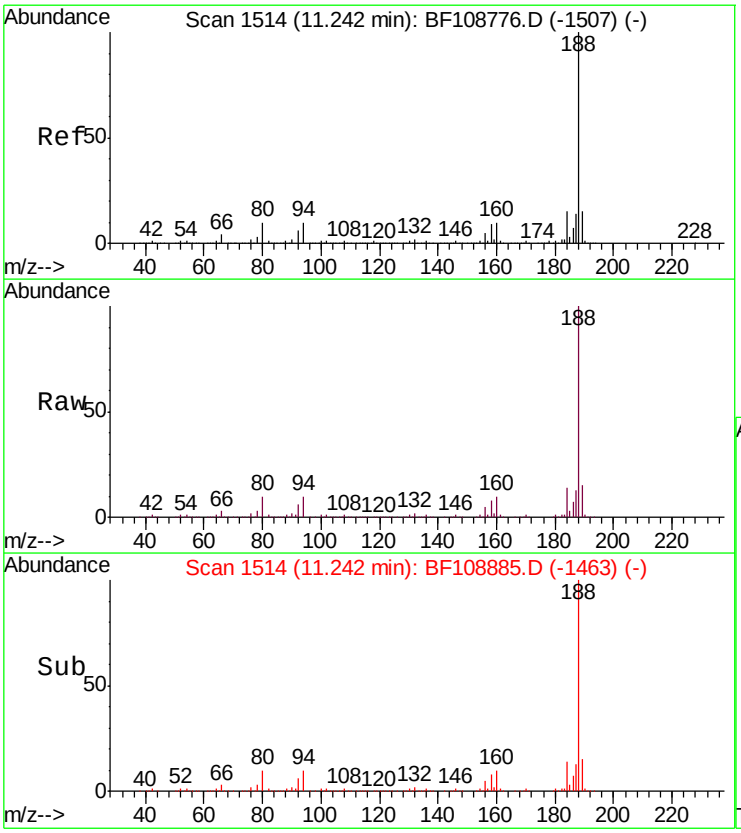

#56
2,4-Dinitrotoluene
Concen: 7.491 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:165 Resp: 47500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 36.4 | 54.6# |
| 89 | 1.6 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

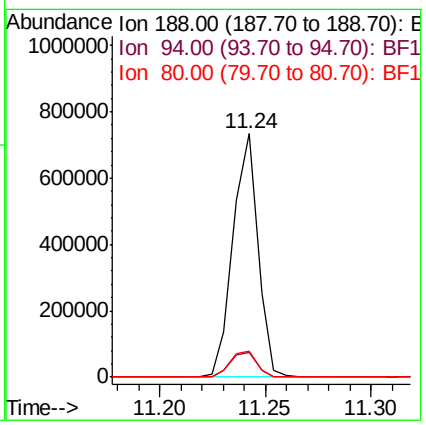


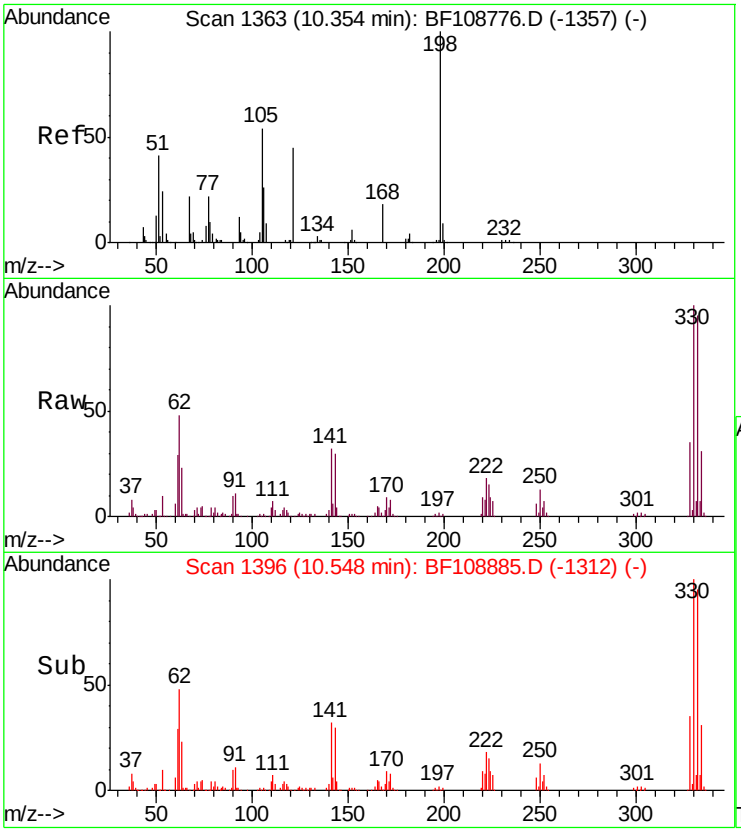




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:188 Resp: 598152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.5 | 12.7 |
| 80 | 10.5 | 9.2 | 13.8 |



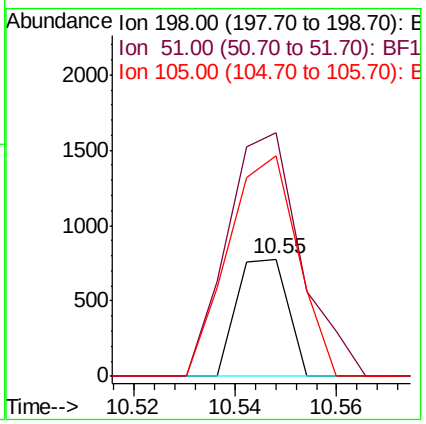


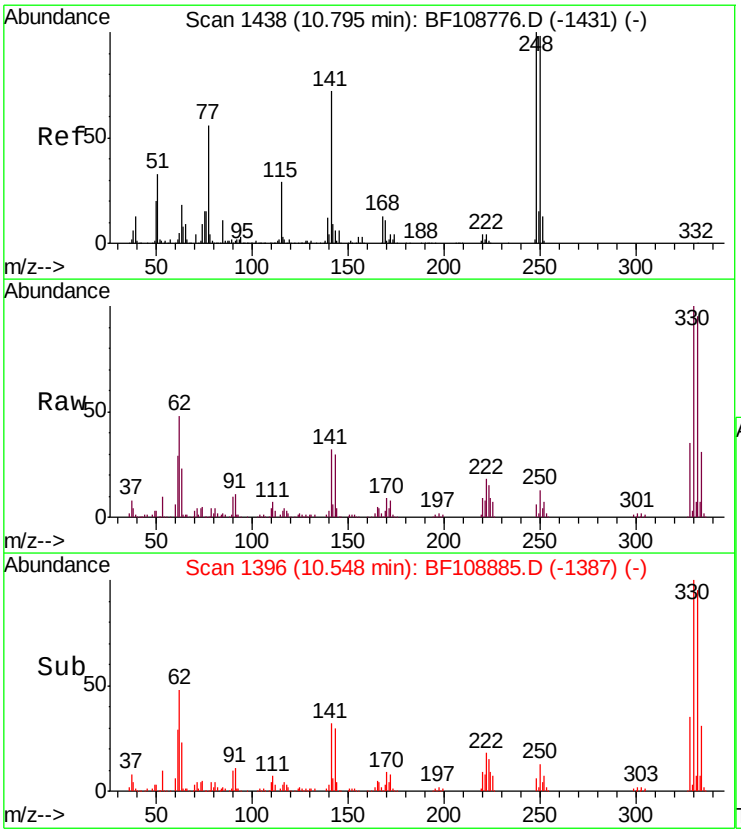

#64
4,6-Dinitro-2-methylphenol
Concen: 7.066 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:198 Resp: 542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 207.6 | 37.7 | 77.7# |
| 105 | 188.2 | 36.3 | 76.3# |

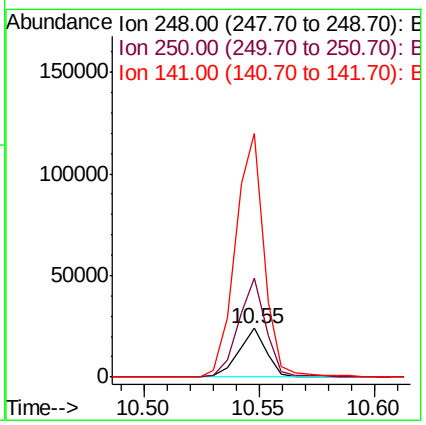


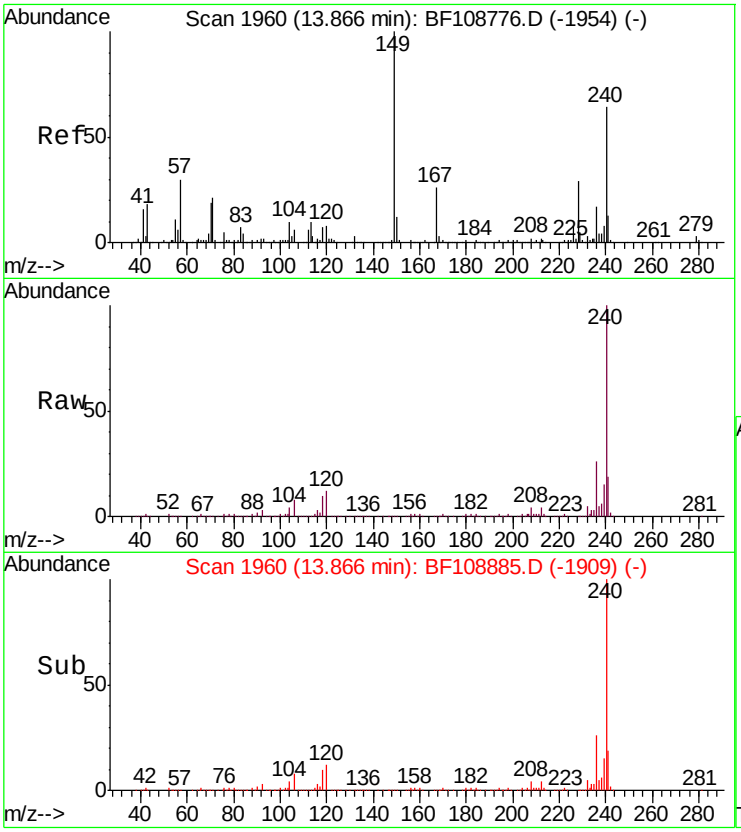




#66
4-Bromophenyl-phenylether
Concen: 2.960 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:248 Resp: 19998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.8 | 76.9 | 115.3# |
| 141 | 500.5 | 74.4 | 111.6# |



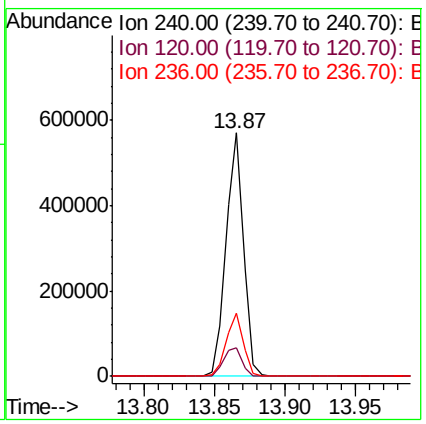


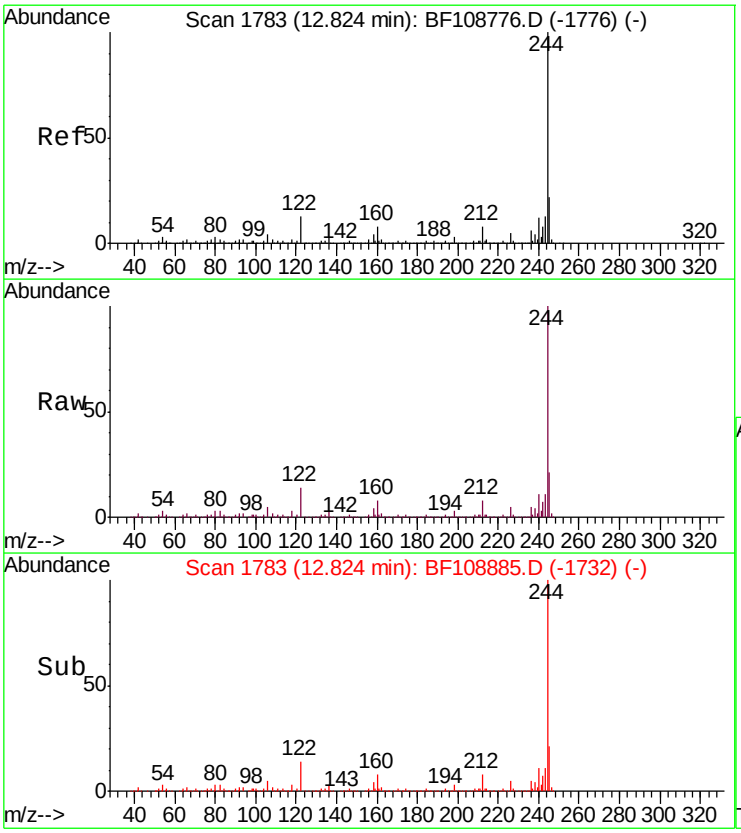

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:240 Resp: 488094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.5 | 14.3 |
| 236 | 25.8 | 20.7 | 31.1 |

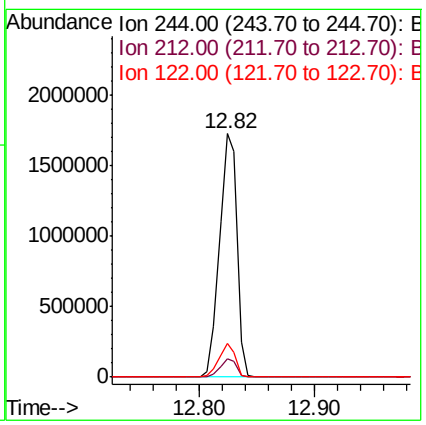


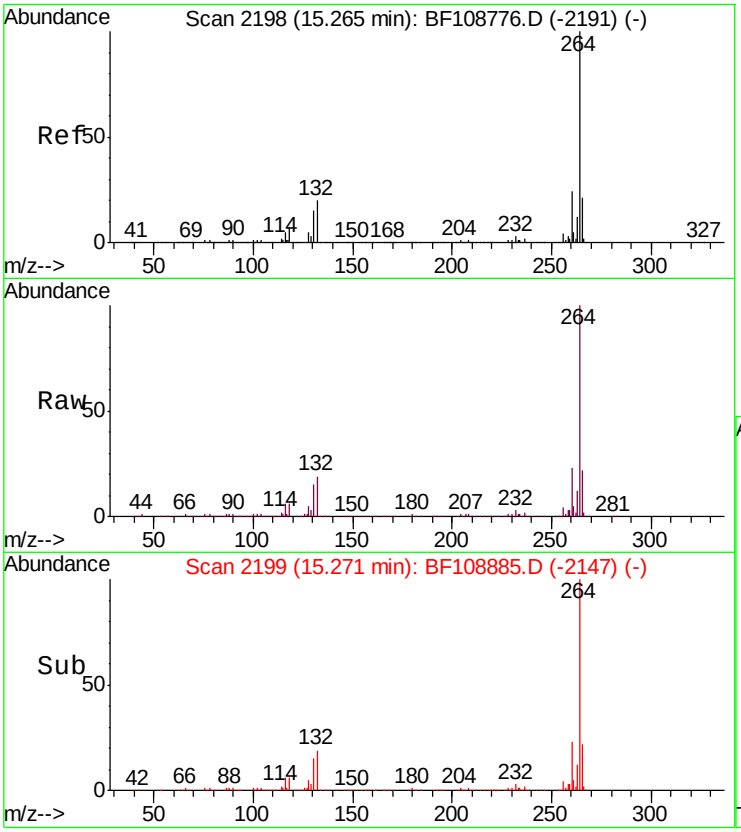




#78
Terphenyl-d14
Concen: 85.759 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:244 Resp: 1795045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 5.4 | 8.0 |
| 122 | 13.7 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

**Instrument :**
BNA_F
**ClientSampleId :**
090518-TIPC-E-U-M

Tgt Ion:264 Resp: 515847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.2 | 28.8 |
| 265 | 21.8 | 17.5 | 26.3 |