Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109136.D
Acq On : 19 Sep 2018 10:04
Operator : JU/SJ
Sample : J4931-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 19 11:42:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 131195 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 438970 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 177404 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 330737 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.85 | 240 | 381554 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.26 | 264 | 317748 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.32 | 112 | 343154 | 43.44 | ng | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 264548 | 25.97 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.28 | 82 | 774218 | 98.92 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 184723 | 95.94 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 1210055 | 106.87 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.81 | 244 | 1331247 | 82.70 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.49 | 77 | 13739 | 2.112 | ng | # 73 |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70 | 105164 | 15.620 | ng | # 75 |
| 25) Isophorone | 7.28 | 82 | 769418 | 57.192 | ng | # 64 |
| 49) Dimethylphthalate | 9.47 | 163 | 34715 | 2.738 | ng | 98 |
| 50) 2,6-Dinitrotoluene | 9.75 | 165 | 21661 | 7.703 | ng | # 25 |
| 56) 2,4-Dinitrotoluene | 9.75 | 165 | 21661 | 5.890 | ng | # 23 |
| 66) 4-Bromophenyl-phenylether | 10.53 | 248 | 11429 | 3.065 | ng | # 1 |

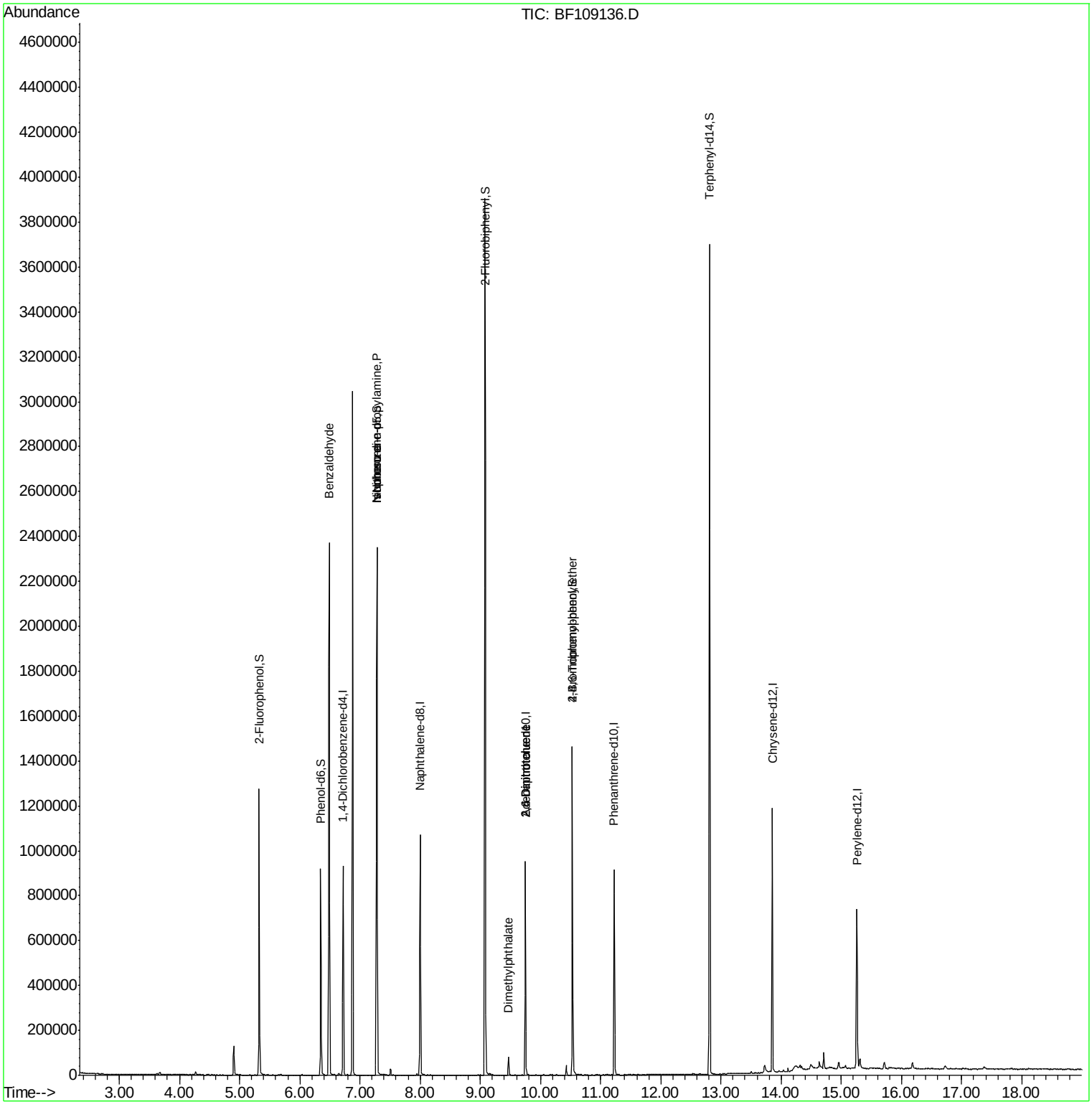
(#) = qualifier out of range (m) = manual integration (+) = signals summed

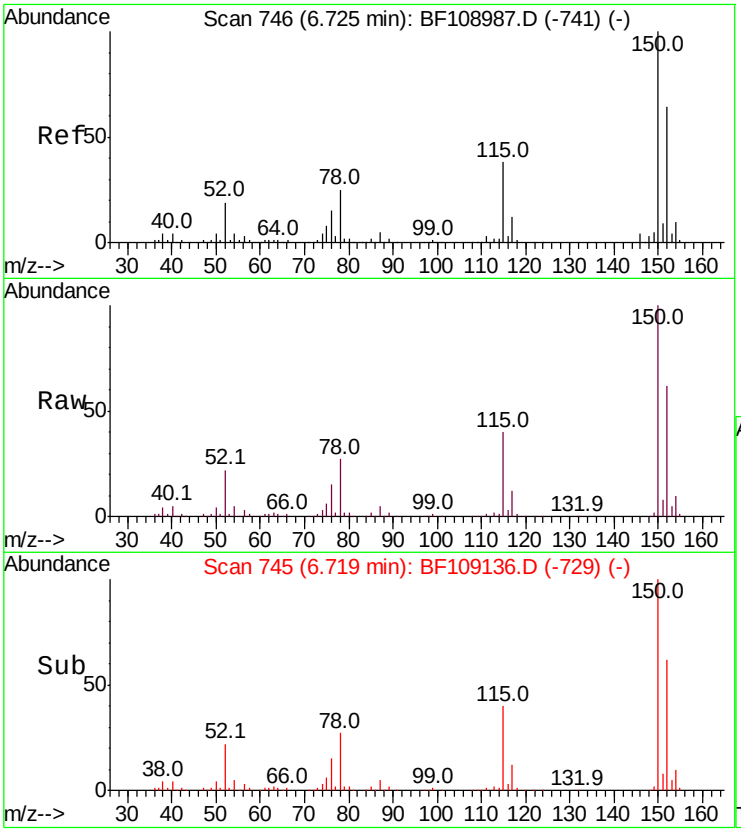
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109136.D
Acq On : 19 Sep 2018 10:04
Operator : JU/SJ
Sample : J4931-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 19 11:42:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



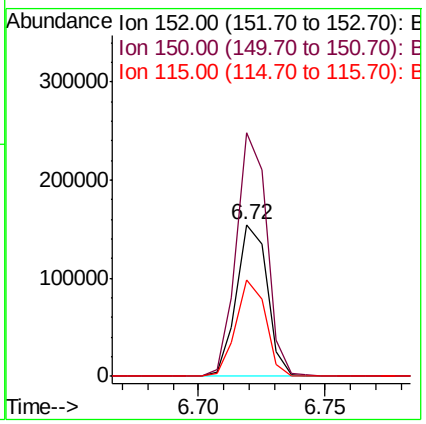


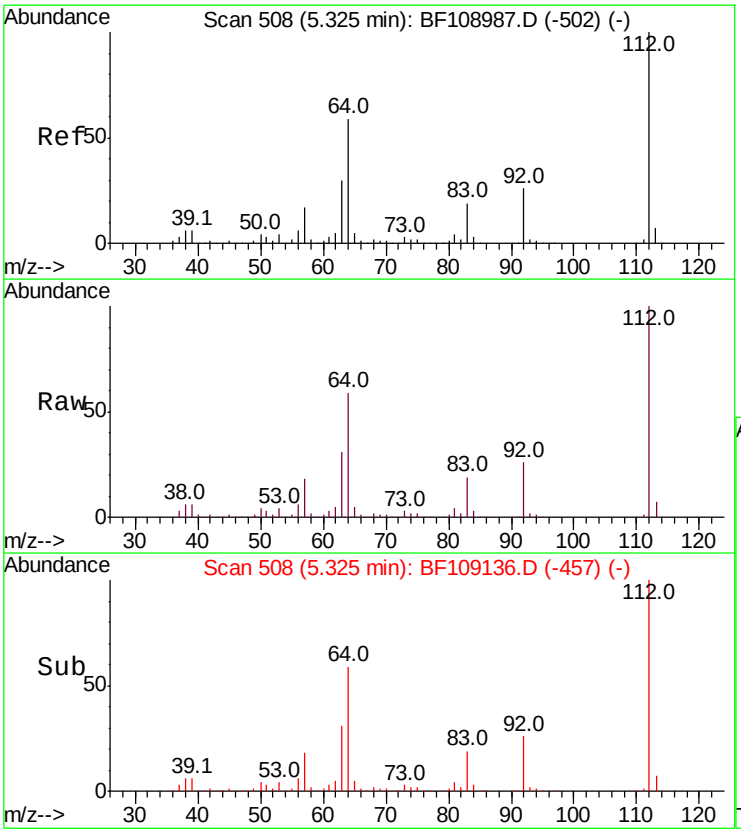

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:152 Resp: 131195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.2 | 124.6 | 186.8 |
| 115 | 63.4 | 50.1 | 75.1 |

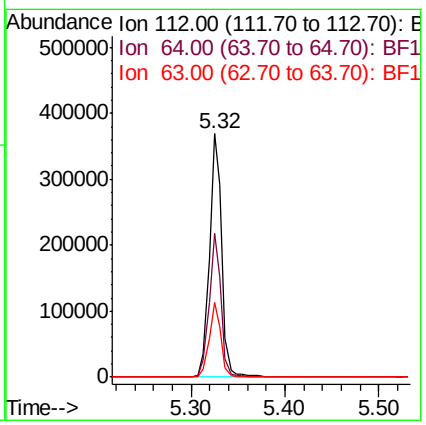


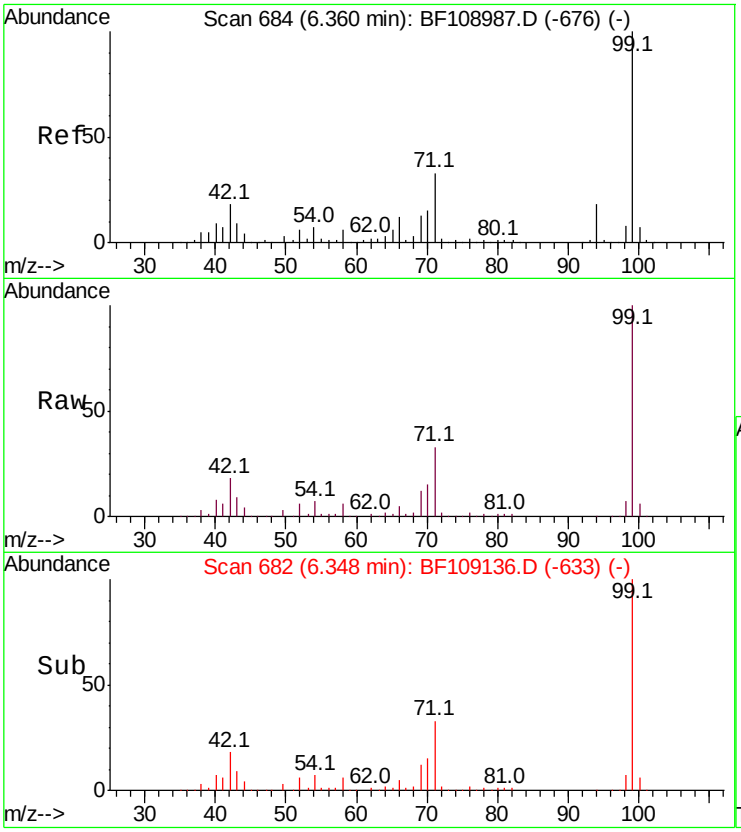




#5
2-Fluorophenol
Concen: 43.442 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:112 Resp: 343154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.0 | 47.9 | 71.9 |
| 63 | 30.6 | 23.7 | 35.5 |



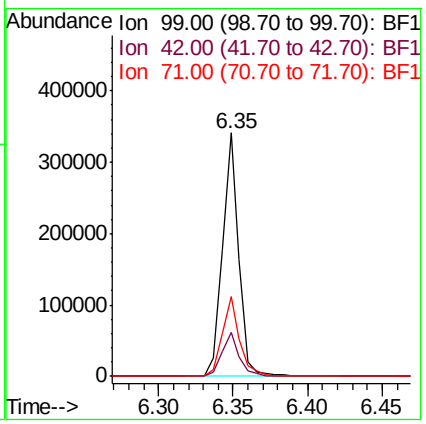


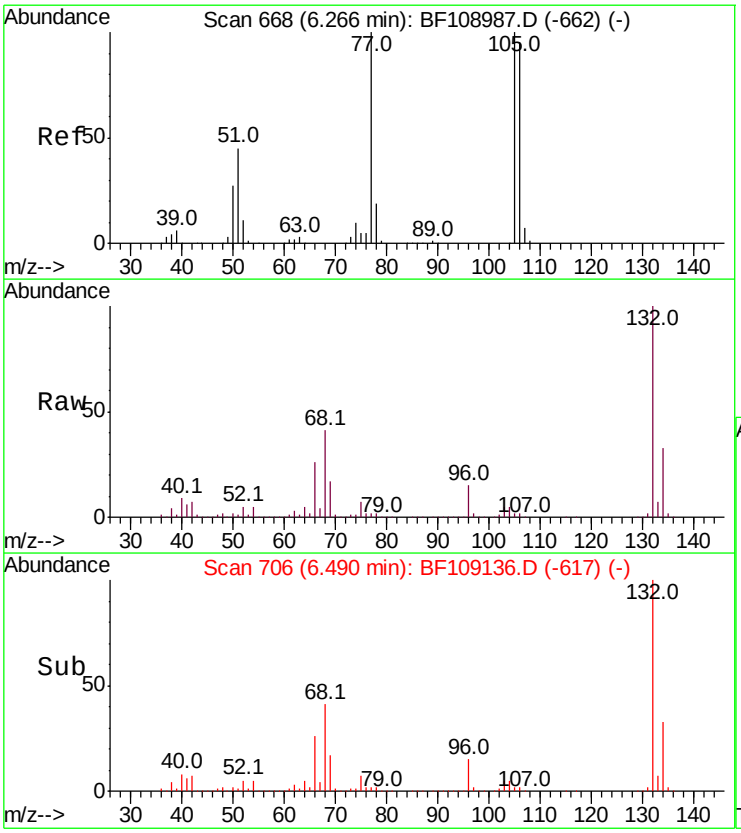

#7
Phenol-d6
Concen: 25.973 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion: 99 Resp: 264548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.8 | 14.5 | 21.7 |
| 71 | 32.9 | 25.4 | 38.0 |

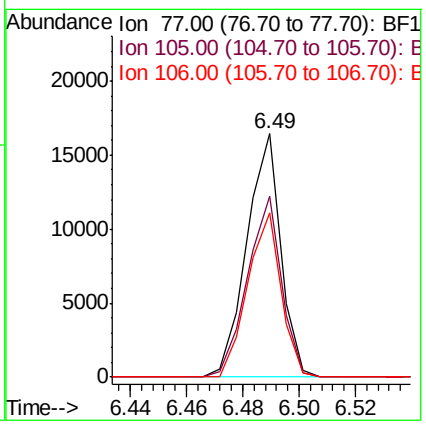


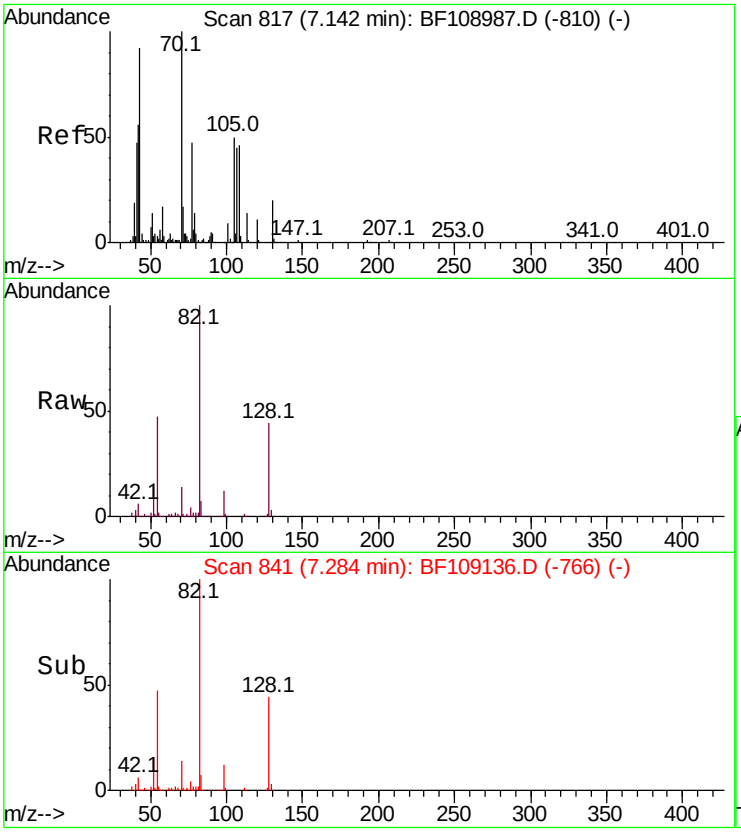




#9
Benzaldehyde
Concen: 2.112 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion: 77 Resp: 13739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 74.3 | 81.1 | 121.1# |
| 106 | 67.5 | 74.5 | 114.5# |



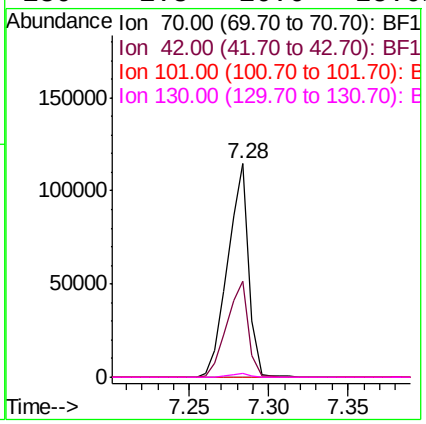


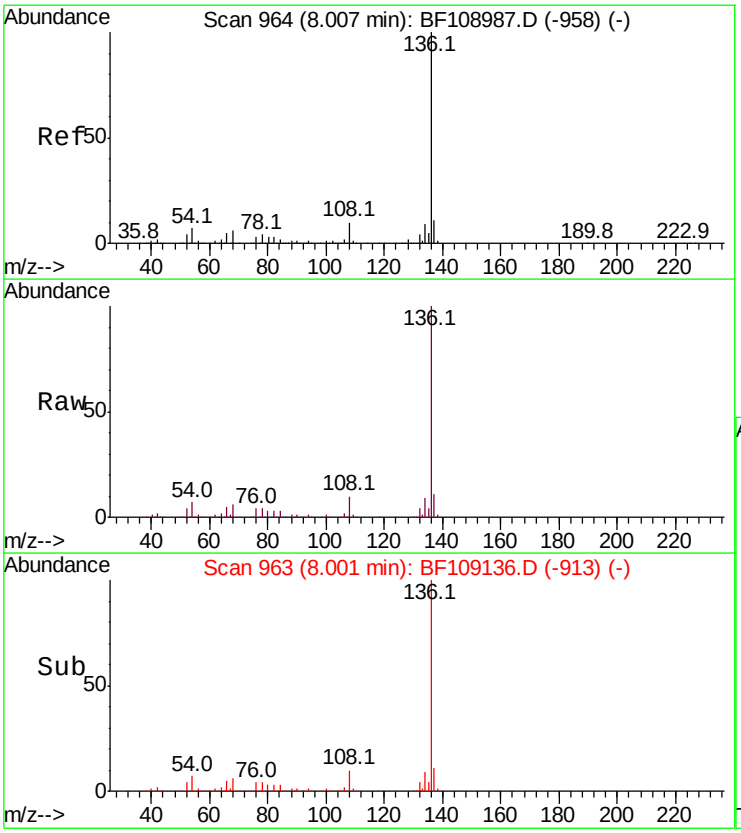

#19
n-Nitroso-di-n-propylamine
Concen: 15.620 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion: 70 Resp: 105164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.2 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.8 | 16.6 | 25.0# |

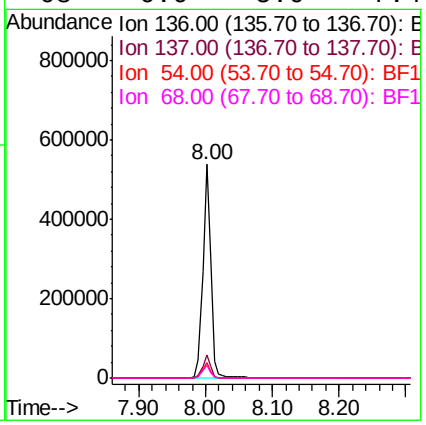


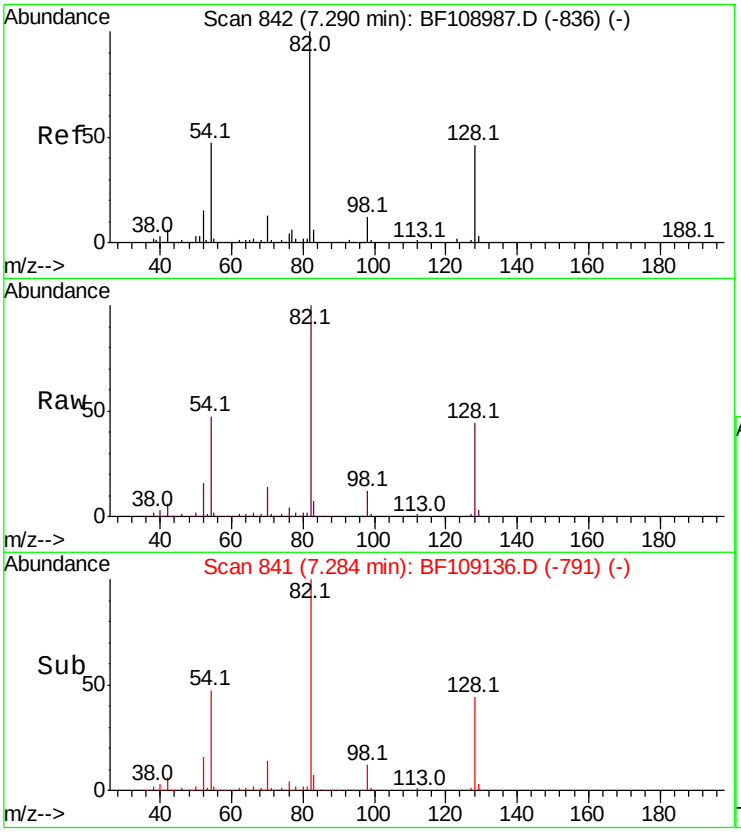




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:136 Resp: 438970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 7.1 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |



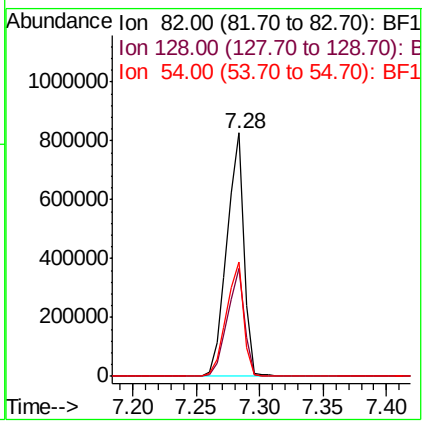


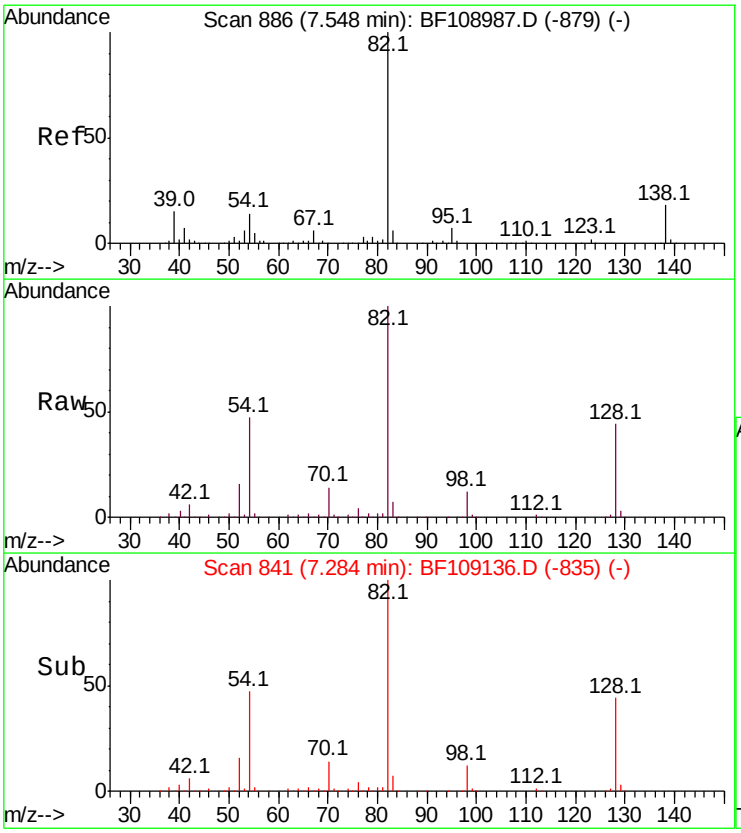

#23
Nitrobenzene-d5
Concen: 98.924 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion: 82 Resp: 774218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.1 | 36.1 | 54.1 |
| 54 | 47.2 | 41.4 | 62.2 |

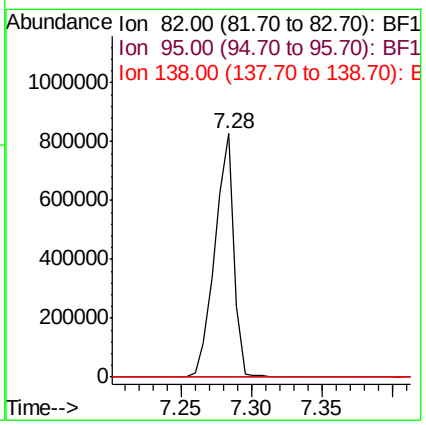


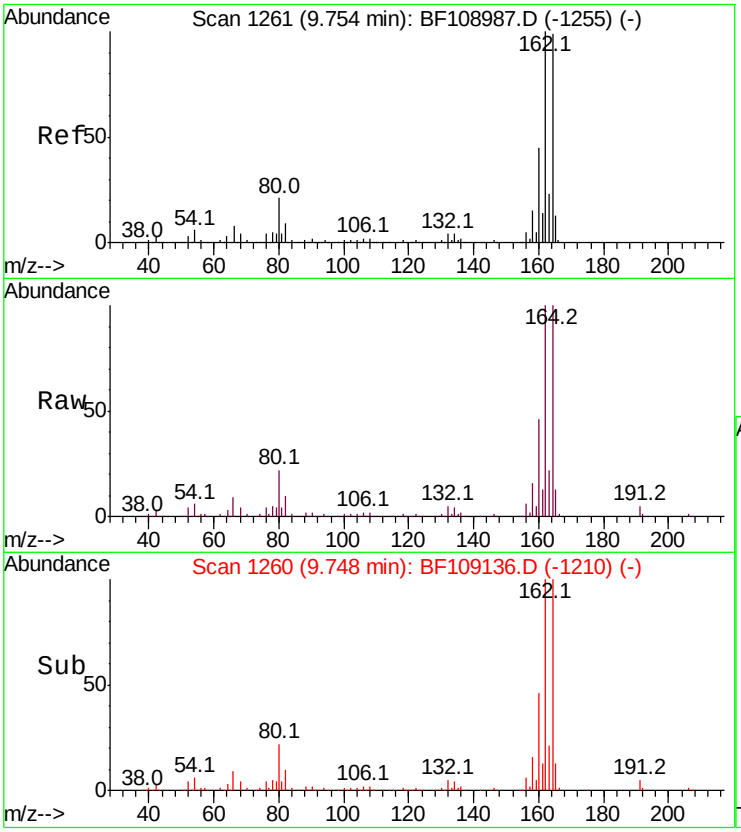




#25
Isophorone
Concen: 57.192 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion: 82 Resp: 769418

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



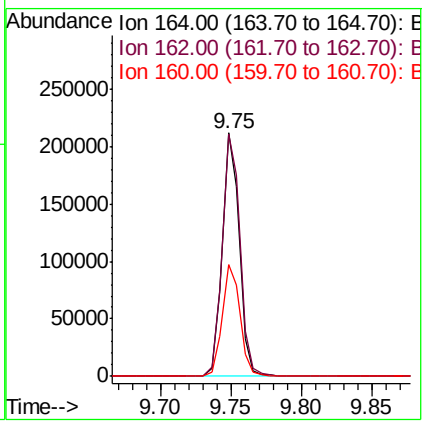


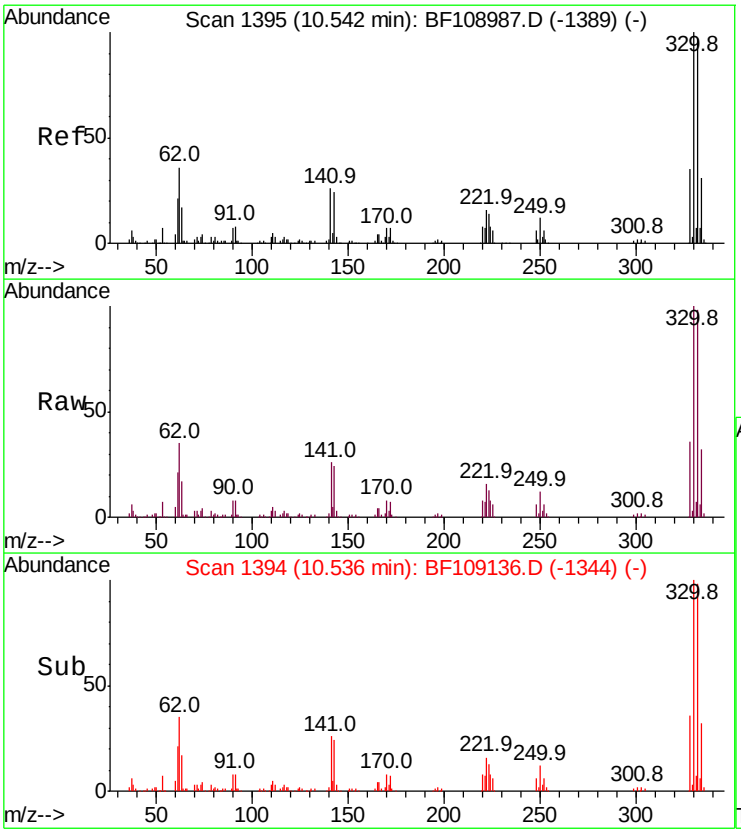

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:164 Resp: 177404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.8 | 86.1 | 129.1 |
| 160 | 45.8 | 38.3 | 57.5 |

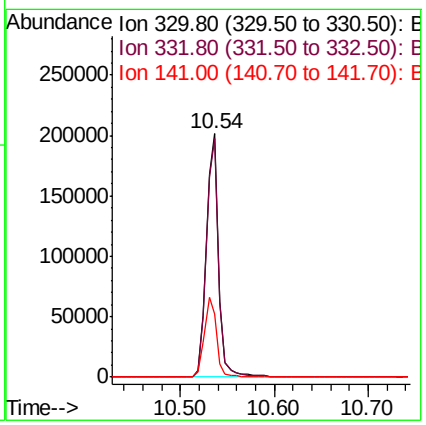


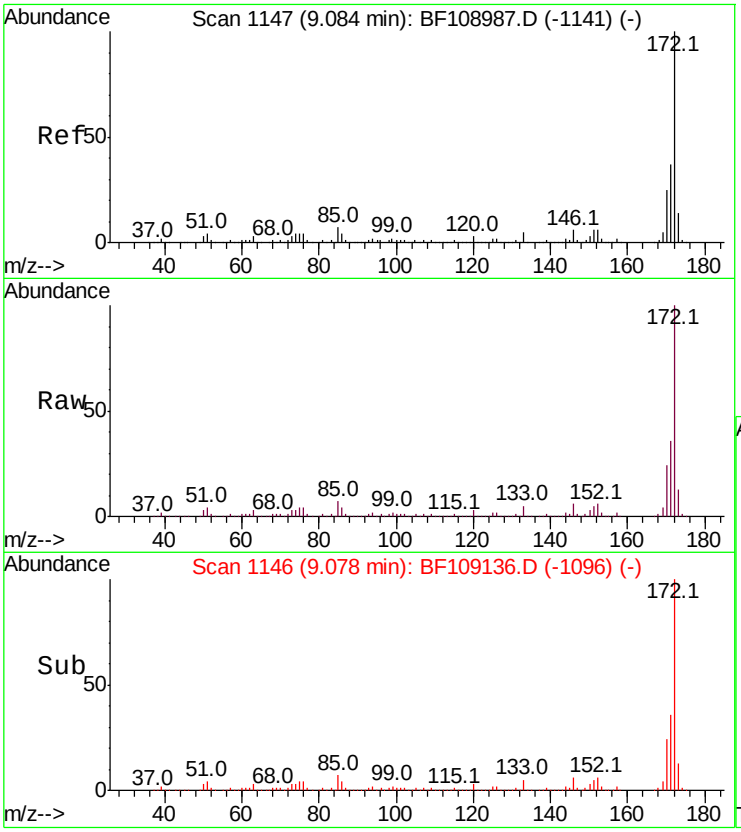




#41
2,4,6-Tribromophenol
Concen: 95.945 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:330 Resp: 184723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.0 | 115.6 |
| 141 | 32.7 | 29.9 | 44.9 |



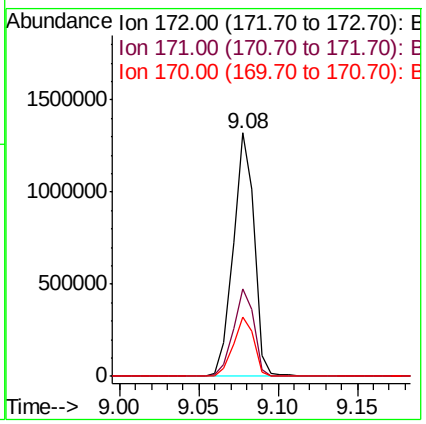


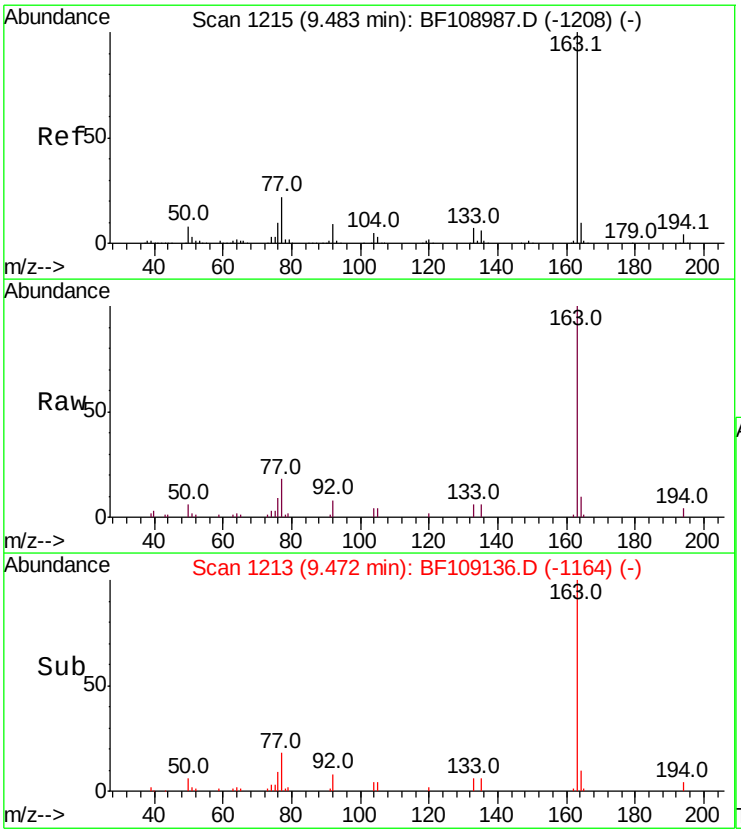

#44
2-Fluorobiphenyl
Concen: 106.865 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:172 Resp: 1210055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.7 | 44.5 |
| 170 | 24.4 | 19.6 | 29.4 |

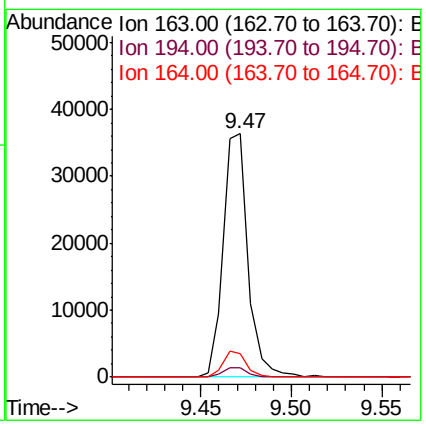


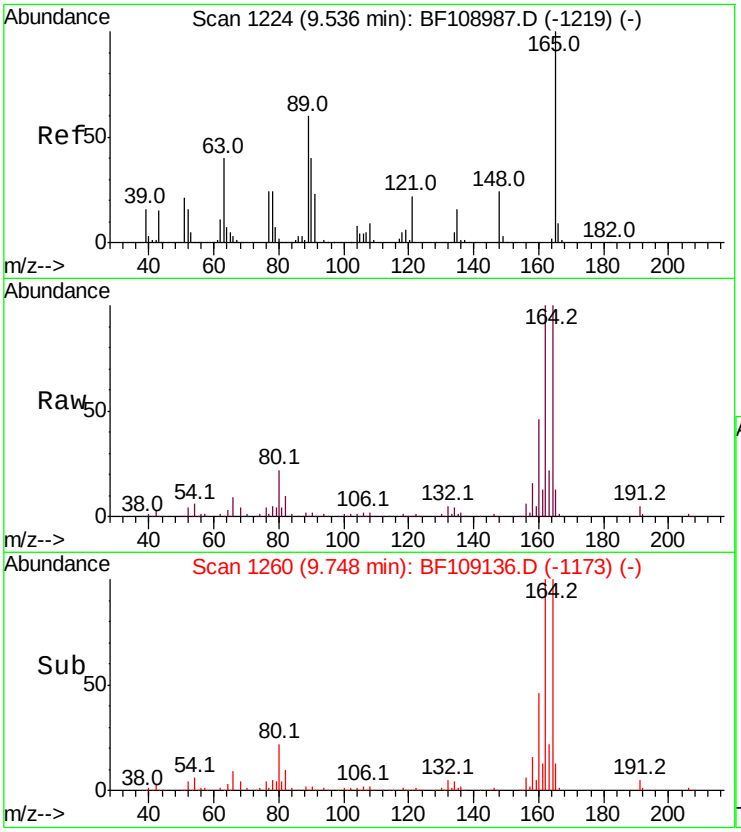




#49
Dimethylphthalate
Concen: 2.738 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:163 Resp: 34715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 2.7 | 4.1 |
| 164 | 9.5 | 8.2 | 12.2 |



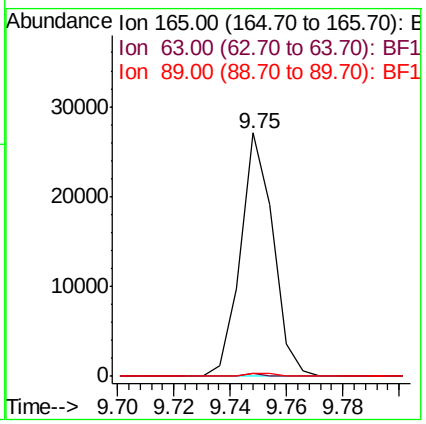


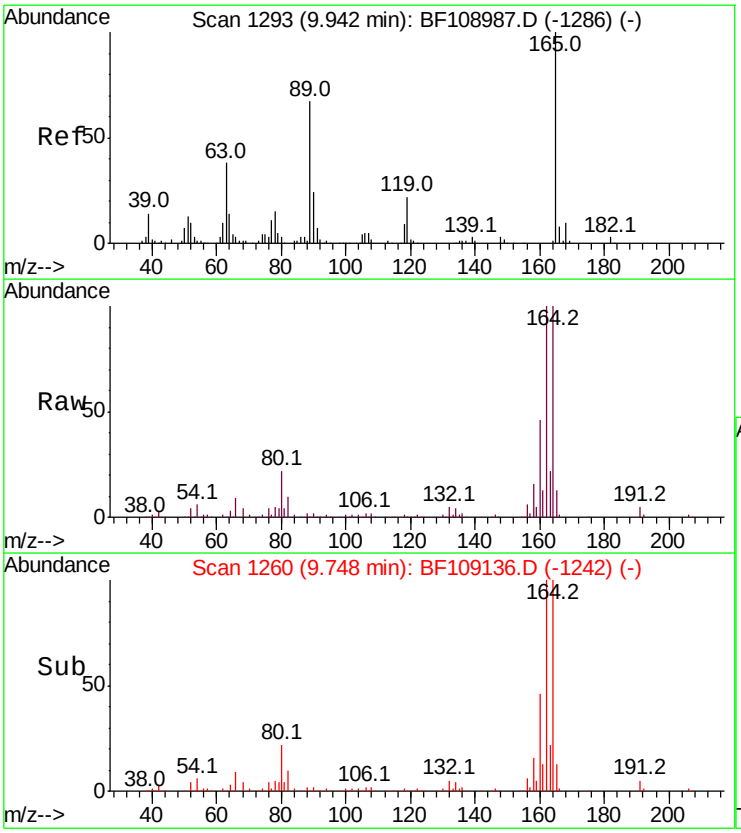

#50
2,6-Dinitrotoluene
Concen: 7.703 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:165 Resp: 21661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 44.7 | 67.1# |
| 89 | 1.2 | 44.0 | 66.0# |

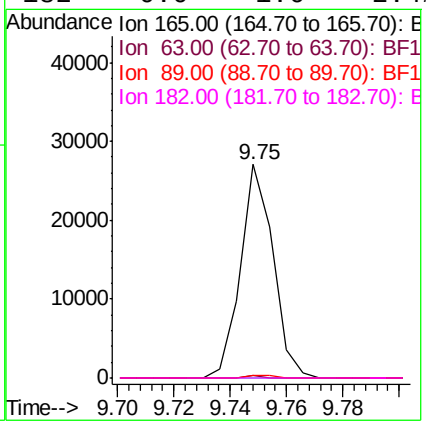


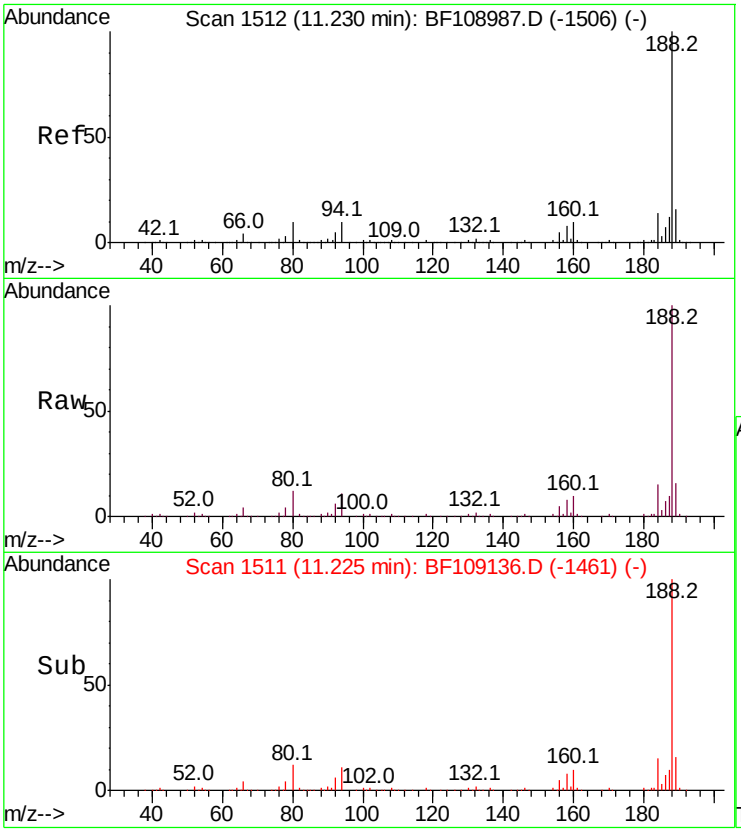




#56
2,4-Dinitrotoluene
Concen: 5.890 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:165 Resp: 21661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 36.4 | 54.6# |
| 89 | 1.2 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



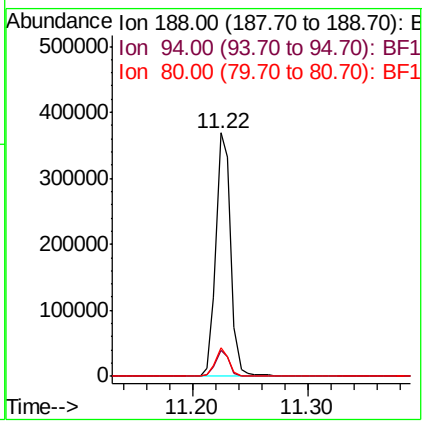


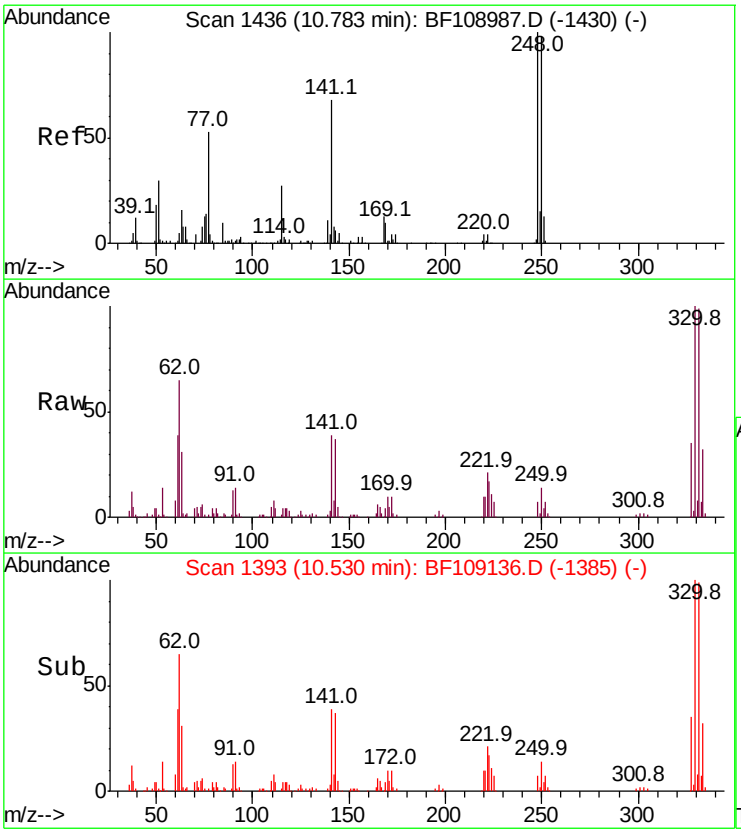

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:188 Resp: 330737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.5 | 12.7 |
| 80 | 12.0 | 9.2 | 13.8 |

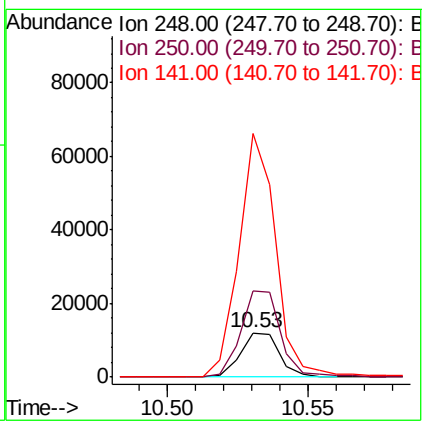


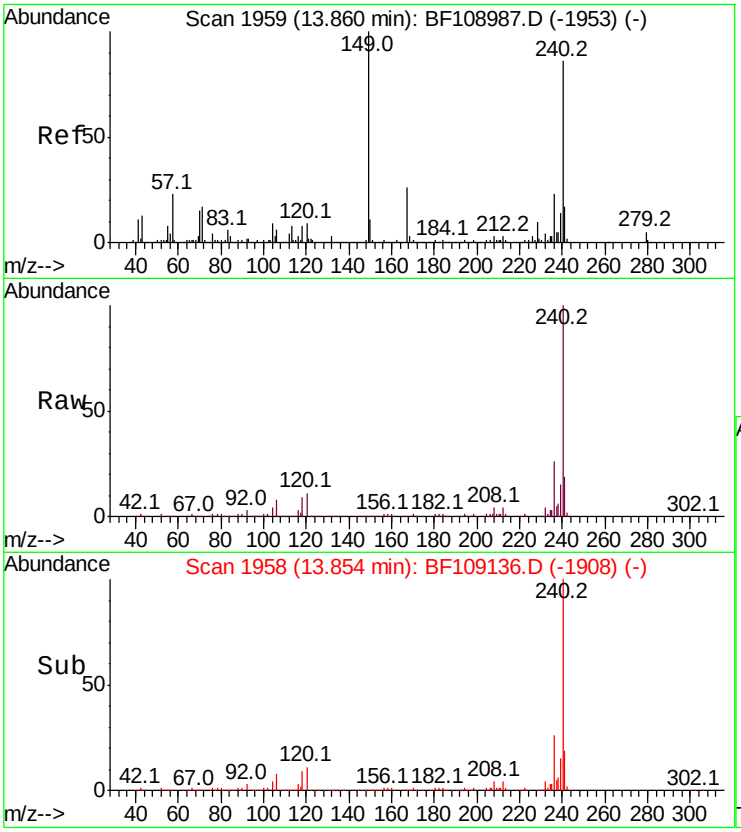




#66
4-Bromophenyl-phenylether
Concen: 3.065 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:248 Resp: 11429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.6 | 76.9 | 115.3# |
| 141 | 548.6 | 74.4 | 111.6# |



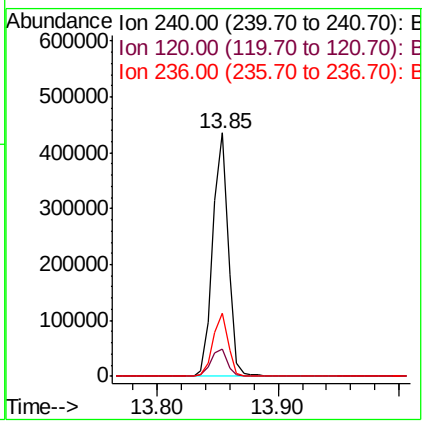


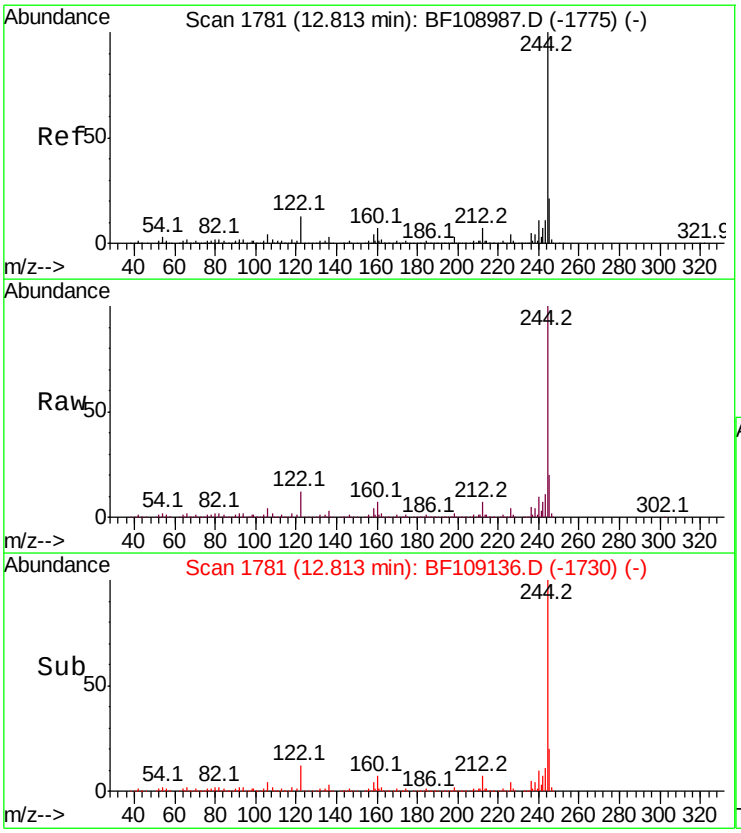

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:240 Resp: 381554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.5 | 14.3 |
| 236 | 26.1 | 20.7 | 31.1 |

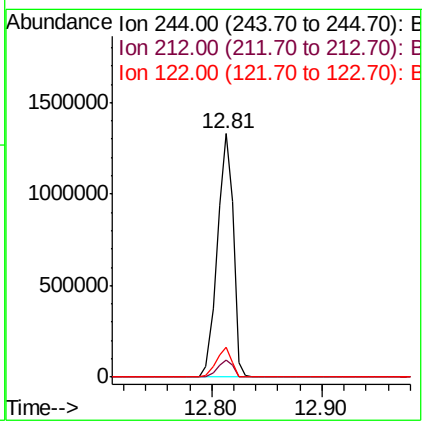


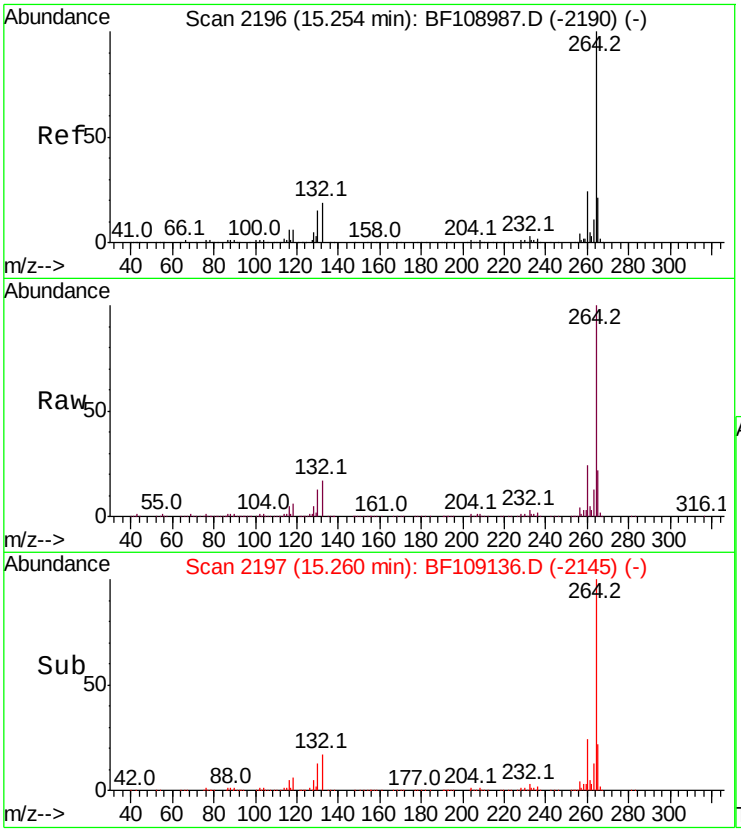




#78
Terphenyl-d14
Concen: 82.699 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

Tgt Ion:244 Resp: 1331247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.4 | 8.0 |
| 122 | 12.3 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109136.D
Acq: 19 Sep 2018 10:04

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

Tgt Ion:264 Resp: 317748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |