Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109562.D
Acq On : 3 Oct 2018 22:15
Operator : JU/SJ
Sample : J5221-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 100118-JETT-E-U-S

Quant Time: Oct 04 02:19:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 84767 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.99 | 136 | 288708 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.73 | 164 | 113293 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.21 | 188 | 221162 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.84 | 240 | 206760 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.24 | 264 | 138593 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.32 | 112 | 211429 | 41.08 | ng | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 161234 | 24.55 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 534831 | 109.36 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 115479 | 103.40 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.06 | 172 | 882344 | 117.46 | ng | -0.01 |
| 78) Terphenyl-d14 | 12.80 | 244 | 912633 | 108.33 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.47 | 77 | 8722 | 2.067 | ng | # 72 |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70 | 71296 | 16.568 | ng | # 77 |
| 25) Isophorone | 7.27 | 82 | 515854 | 58.574 | ng | # 64 |
| 49) Dimethylphthalate | 9.45 | 163 | 63448 | 7.700 | ng | 99 |
| 56) 2,4-Dinitrotoluene | 9.73 | 165 | 13899 | 6.731 | ng | # 21 |
| 66) 4-Bromophenyl-phenylether | 10.52 | 248 | 6570 | 2.675 | ng | # 1 |

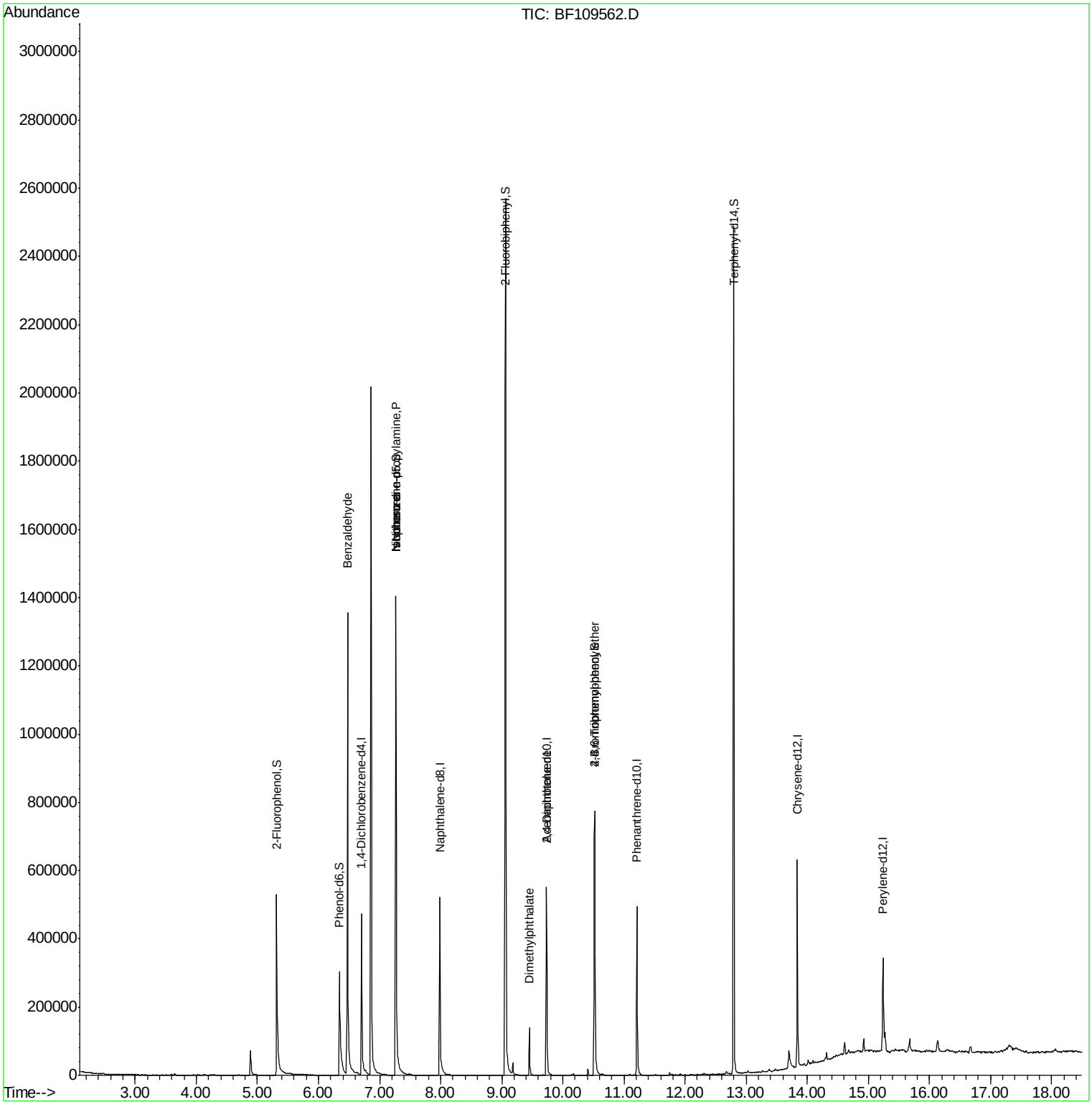
(#) = qualifier out of range (m) = manual integration (+) = signals summed

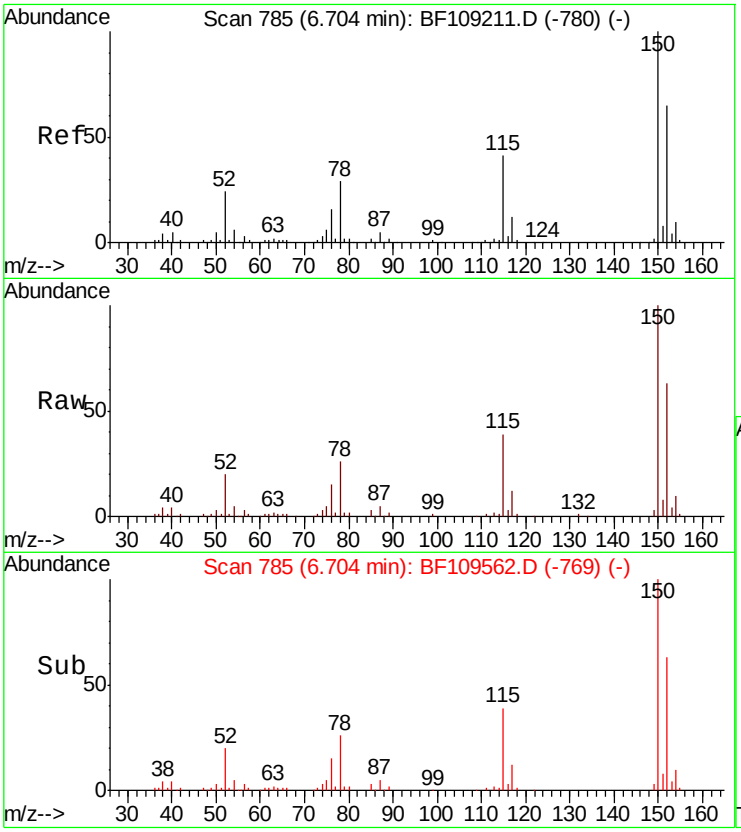
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109562.D
Acq On : 3 Oct 2018 22:15
Operator : JU/SJ
Sample : J5221-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Quant Time: Oct 04 02:19:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



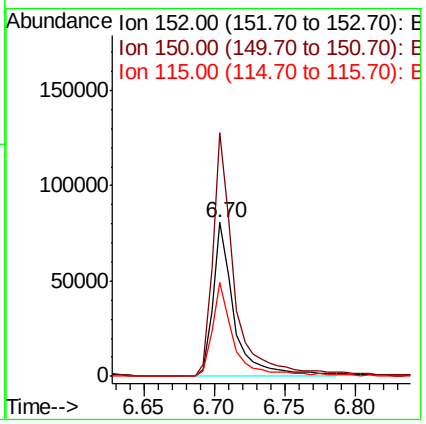


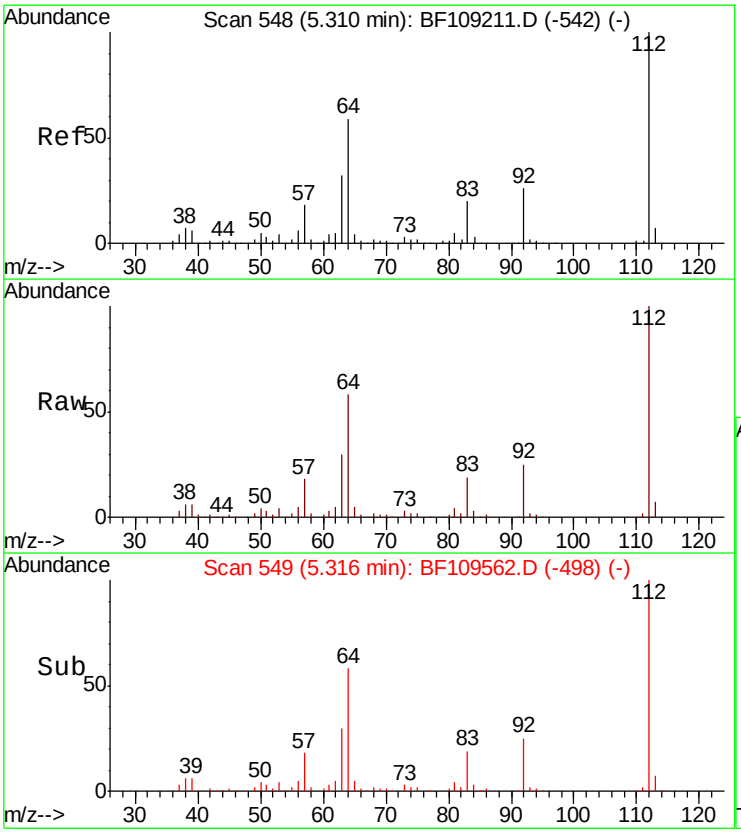

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:152 Resp: 84767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 124.6 | 186.8 |
| 115 | 61.2 | 50.1 | 75.1 |

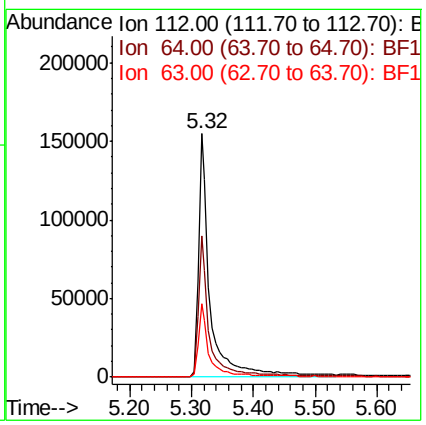


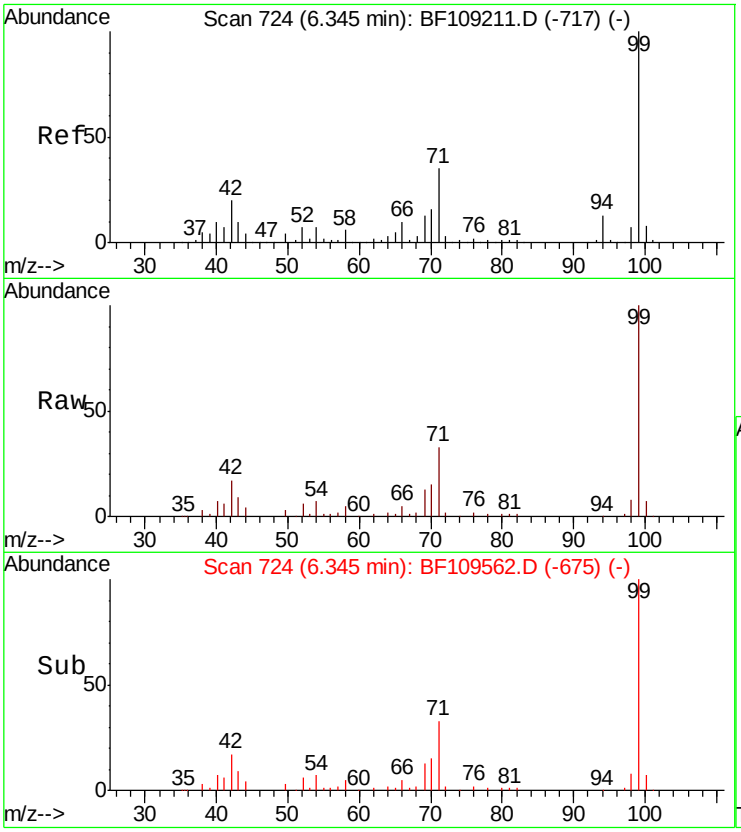




#5
2-Fluorophenol
Concen: 41.082 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:112 Resp: 211429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.1 | 47.9 | 71.9 |
| 63 | 30.1 | 23.7 | 35.5 |



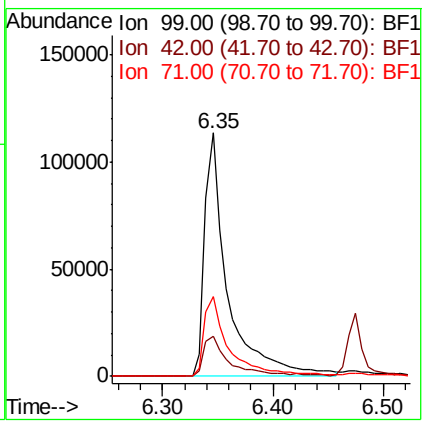


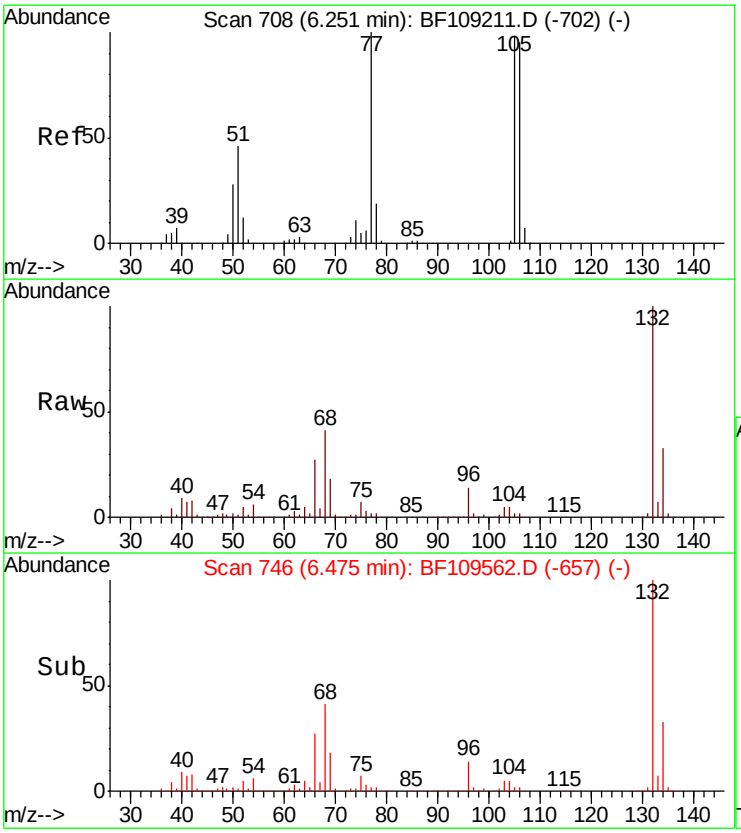

#7
Phenol-d6
Concen: 24.552 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion: 99 Resp: 161234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 14.5 | 21.7 |
| 71 | 32.6 | 25.4 | 38.0 |

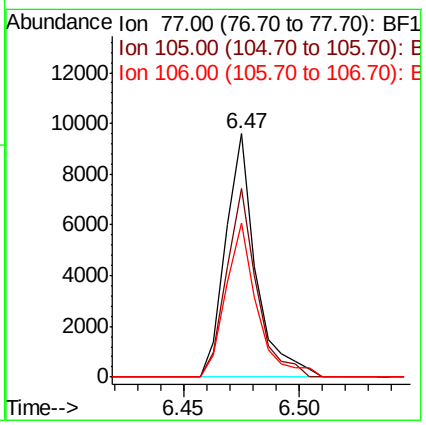


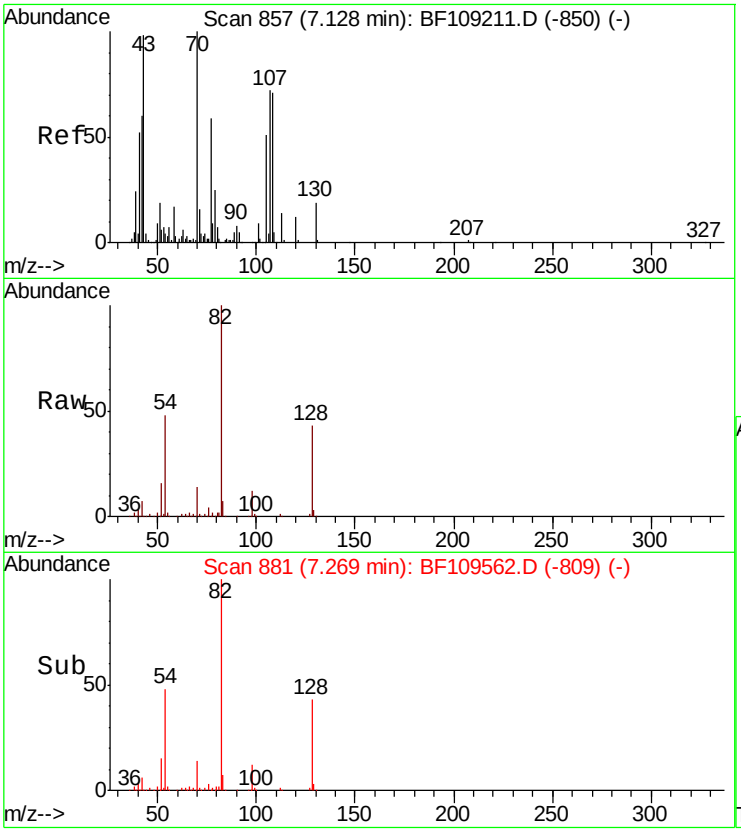




#9
Benzaldehyde
Concen: 2.067 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion: 77 Resp: 8722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 77.2 | 81.1 | 121.1# |
| 106 | 63.3 | 74.5 | 114.5# |



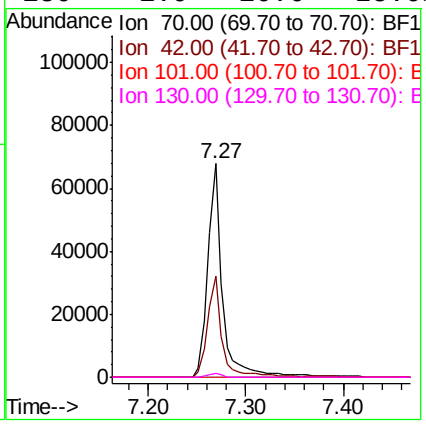


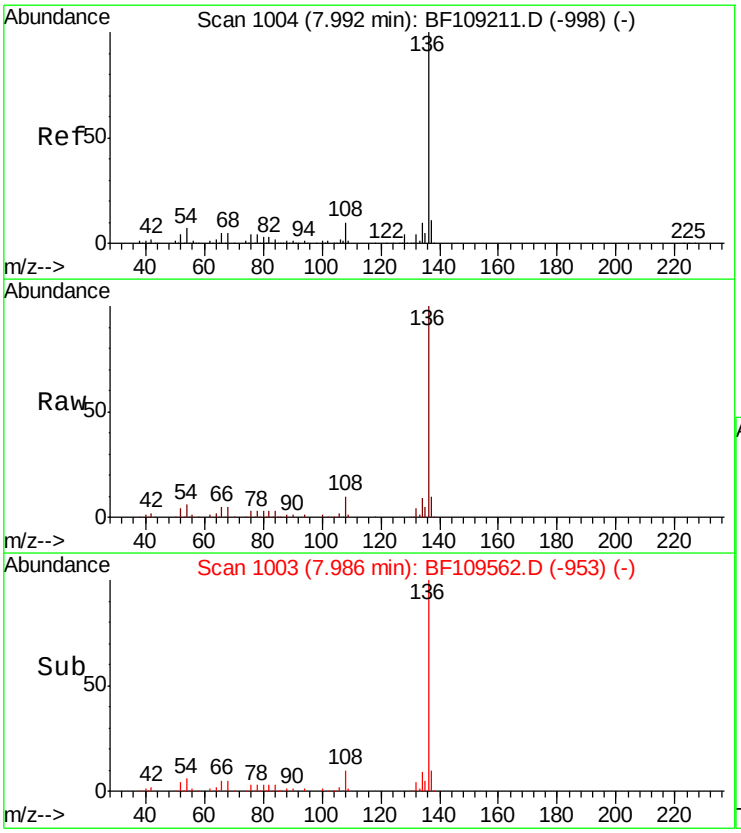

#19
n-Nitroso-di-n-propylamine
Concen: 16.568 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion: 70 Resp: 71296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.4 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.9 | 16.6 | 25.0# |

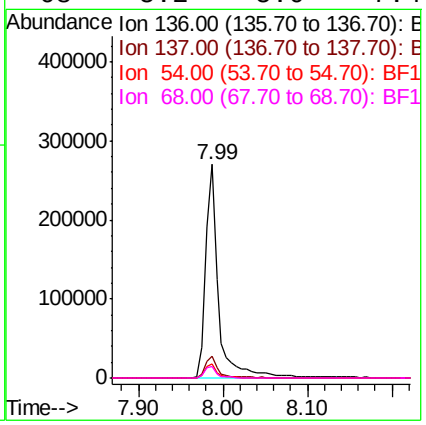


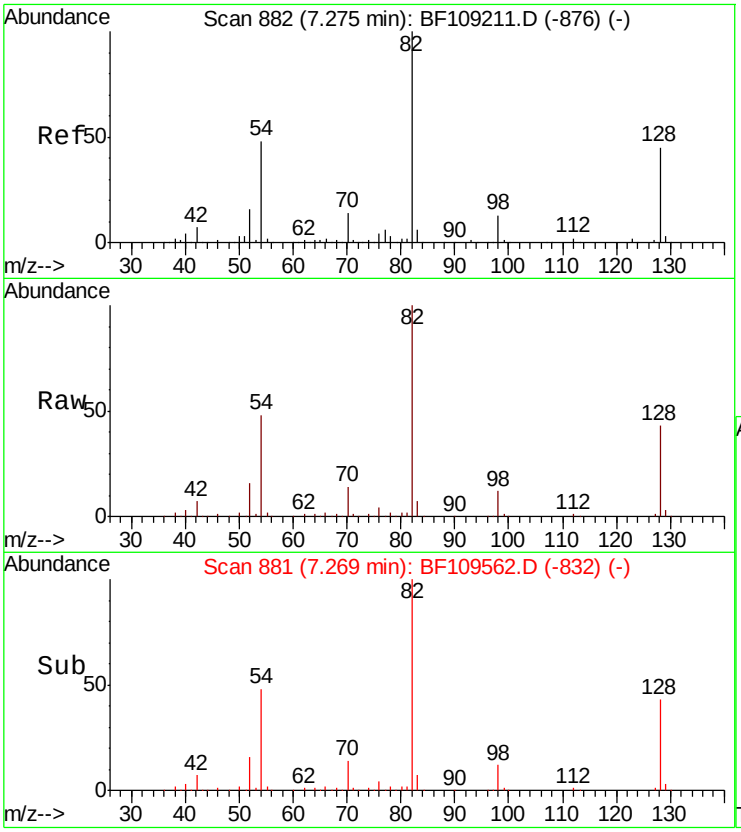




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:136 Resp: 288708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.9 | 13.3 |
| 54 | 6.4 | 6.6 | 9.8# |
| 68 | 5.2 | 5.0 | 7.4 |



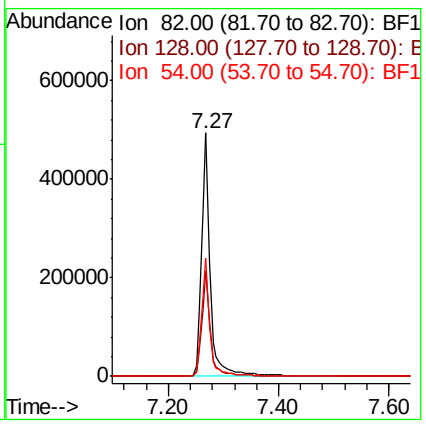


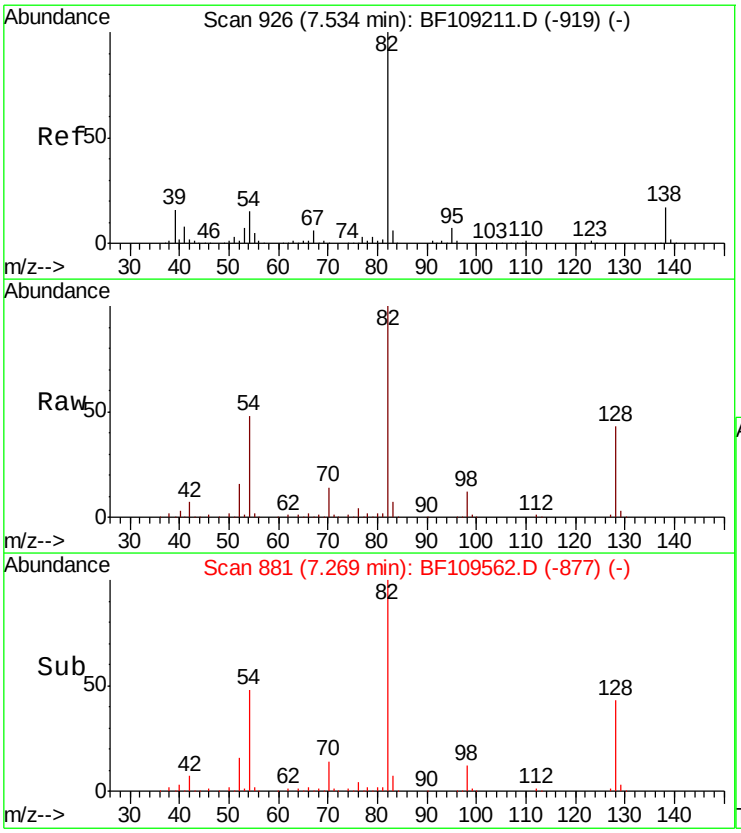

#23
Nitrobenzene-d5
Concen: 109.356 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion: 82 Resp: 534831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 36.1 | 54.1 |
| 54 | 48.4 | 41.4 | 62.2 |

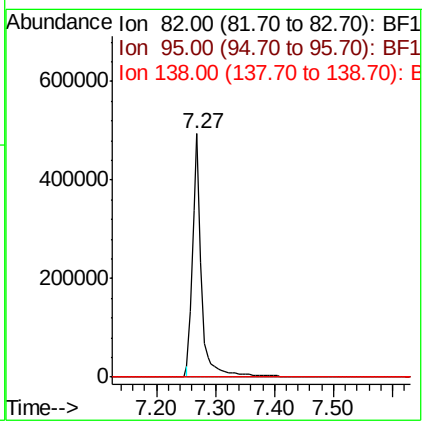


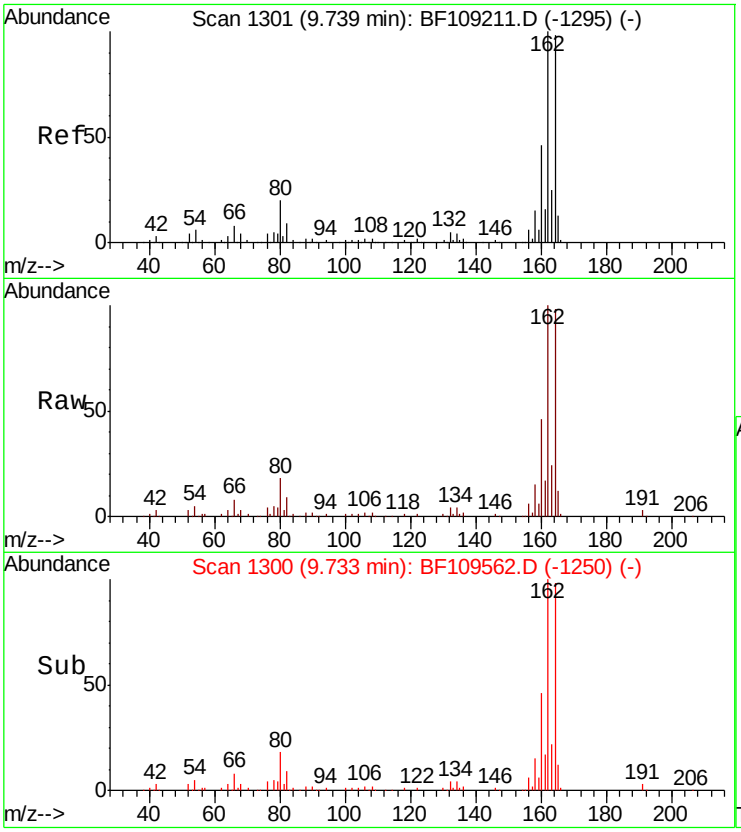




#25
Isophorone
Concen: 58.574 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion: 82 Resp: 515854

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



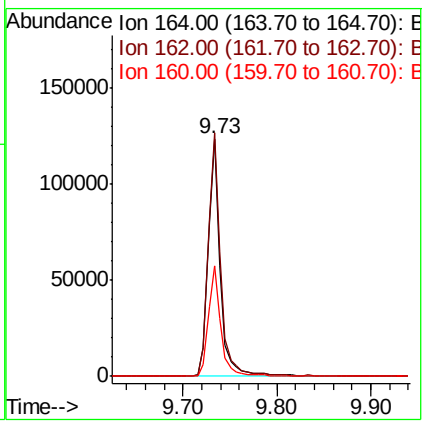


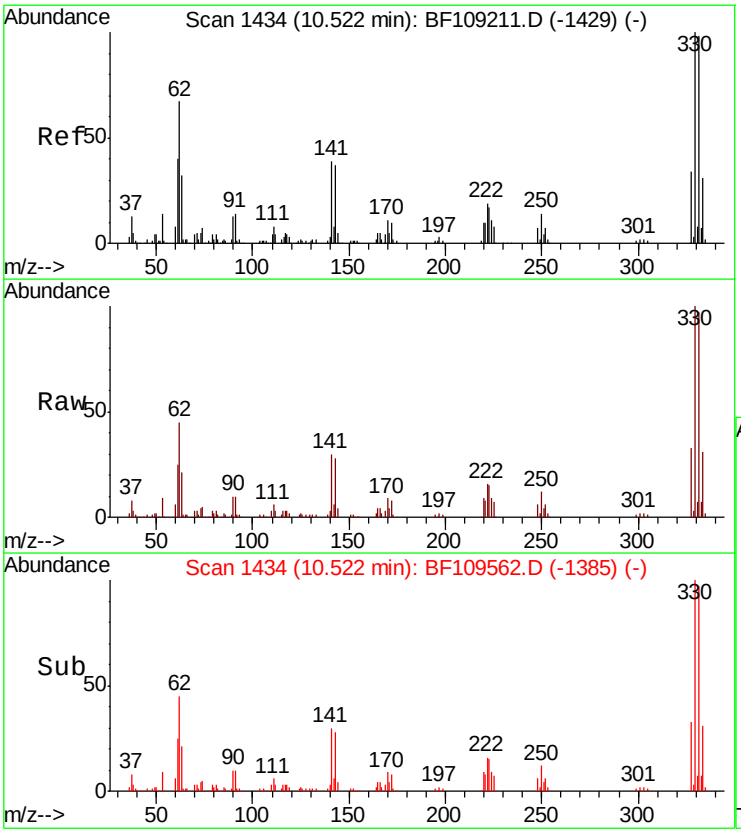

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:164 Resp: 113293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 86.1 | 129.1 |
| 160 | 46.8 | 38.3 | 57.5 |

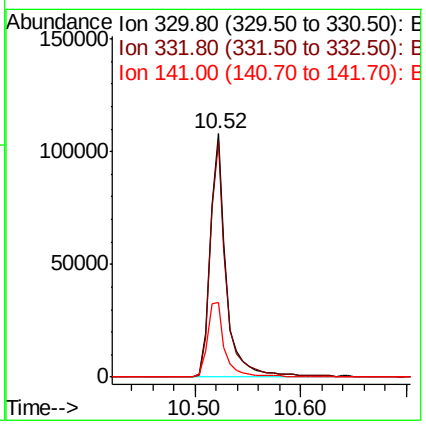


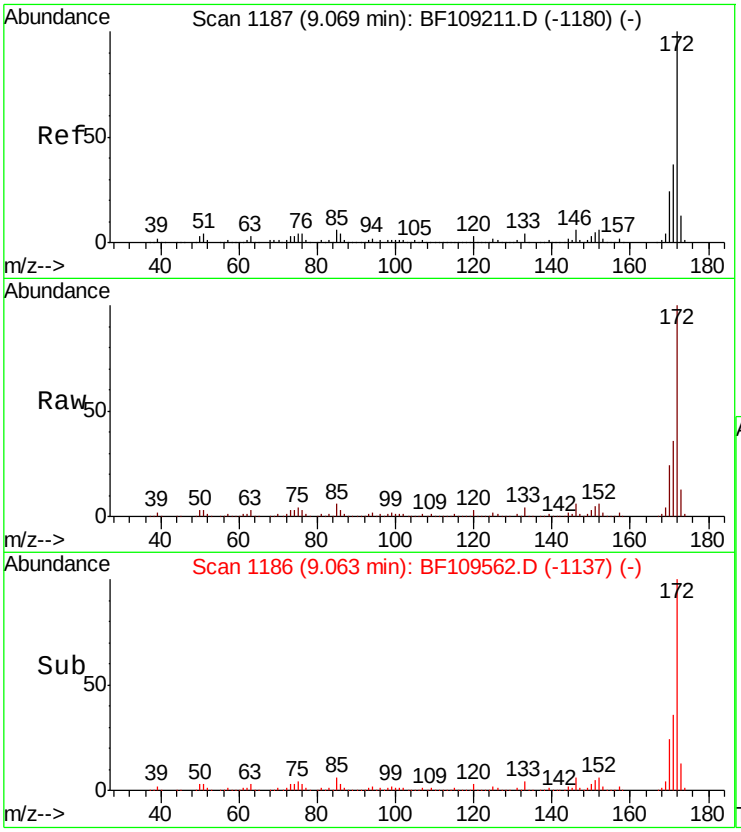




#41
2,4,6-Tribromophenol
Concen: 103.399 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:330 Resp: 115479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 77.0 | 115.6 |
| 141 | 33.6 | 29.9 | 44.9 |



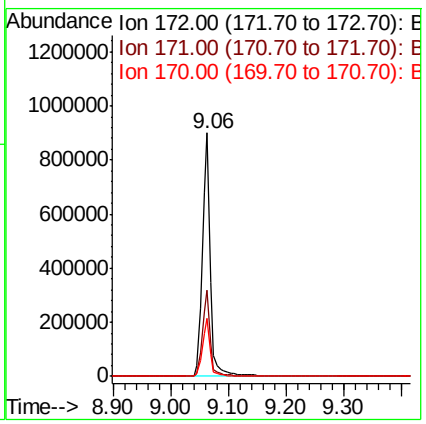


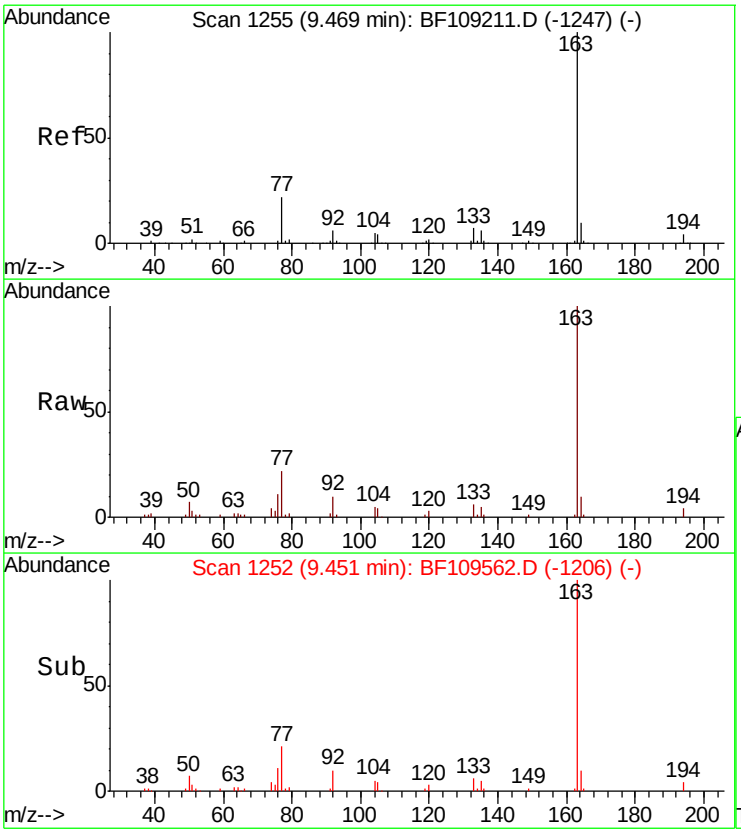

#44
2-Fluorobiphenyl
Concen: 117.460 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:172 Resp: 882344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 23.9 | 19.6 | 29.4 |

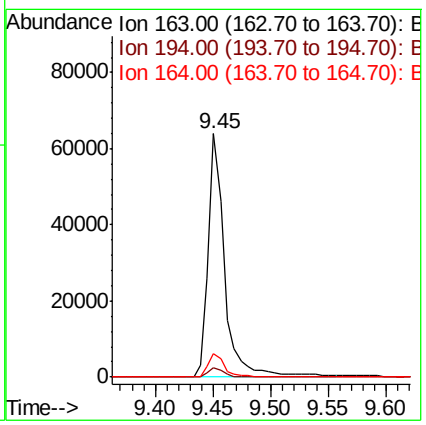


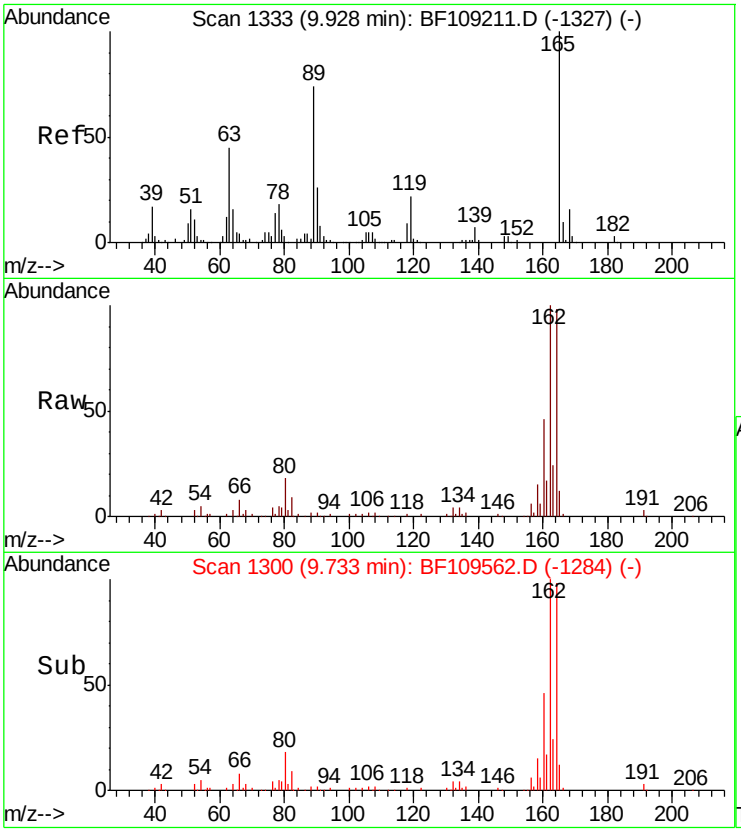




#49
Dimethylphthalate
Concen: 7.700 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:163 Resp: 63448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 9.9 | 8.2 | 12.2 |



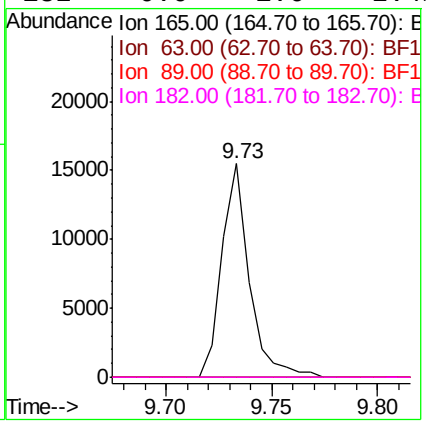


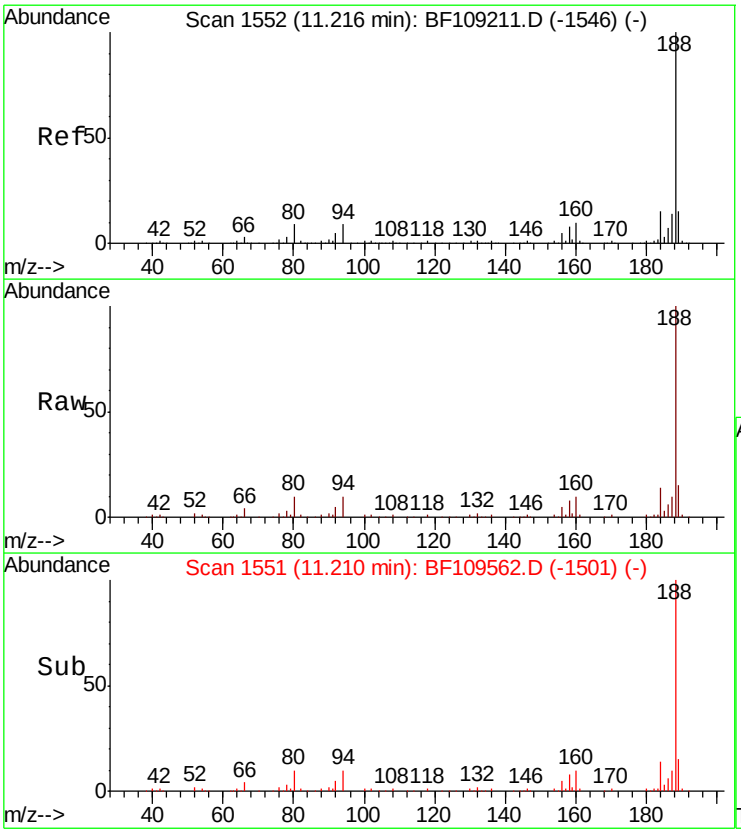

#56
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:165 Resp: 13899

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

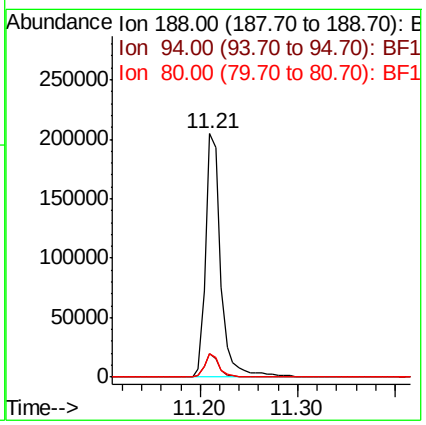


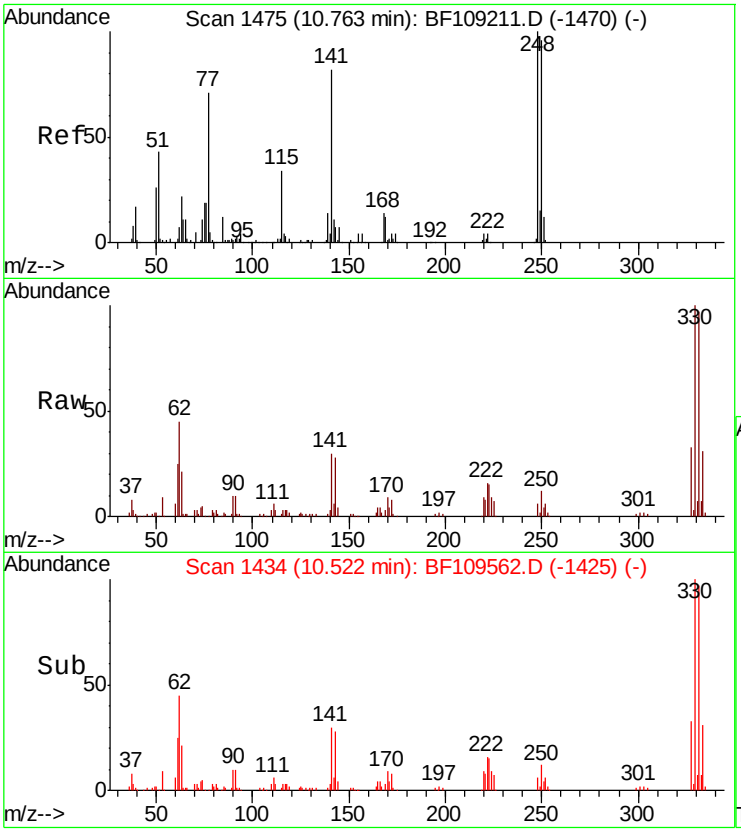




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:188 Resp: 221162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 8.5 | 12.7 |
| 80 | 9.9 | 9.2 | 13.8 |



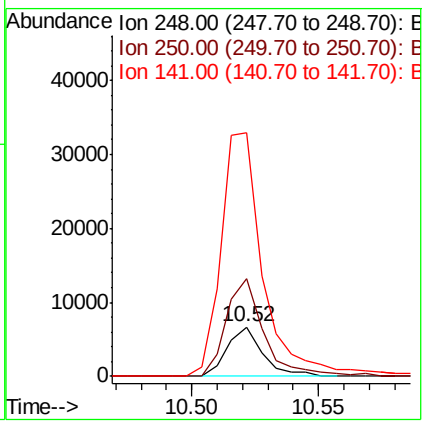


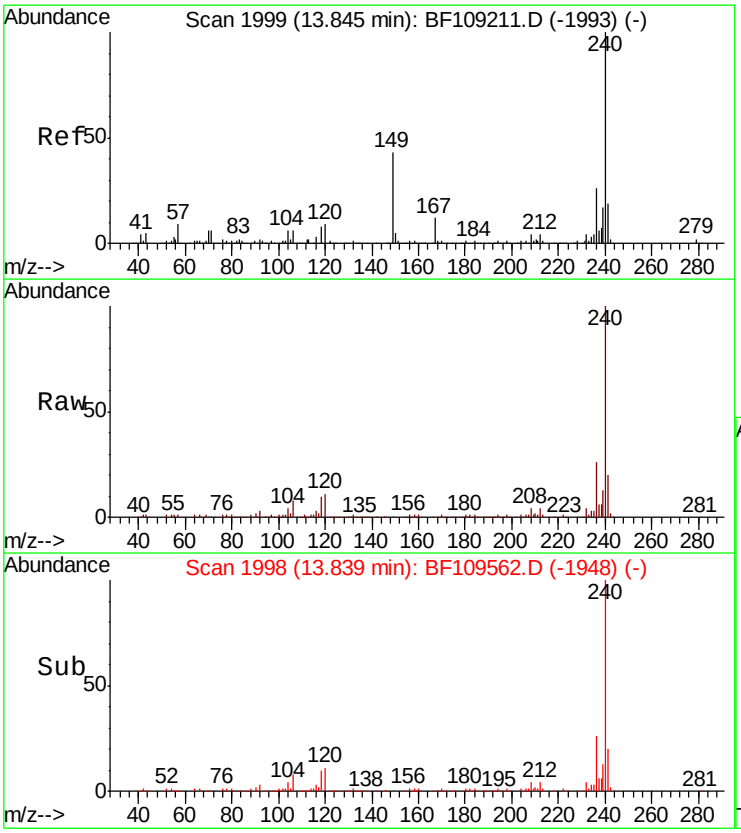

#66
4-Bromophenyl-phenylether
Concen: 2.675 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:248 Resp: 6570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 196.7 | 76.9 | 115.3# |
| 141 | 490.4 | 74.4 | 111.6# |

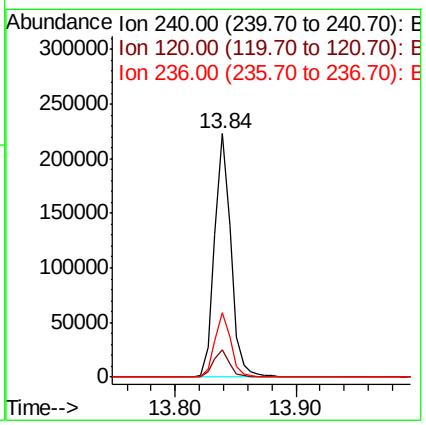


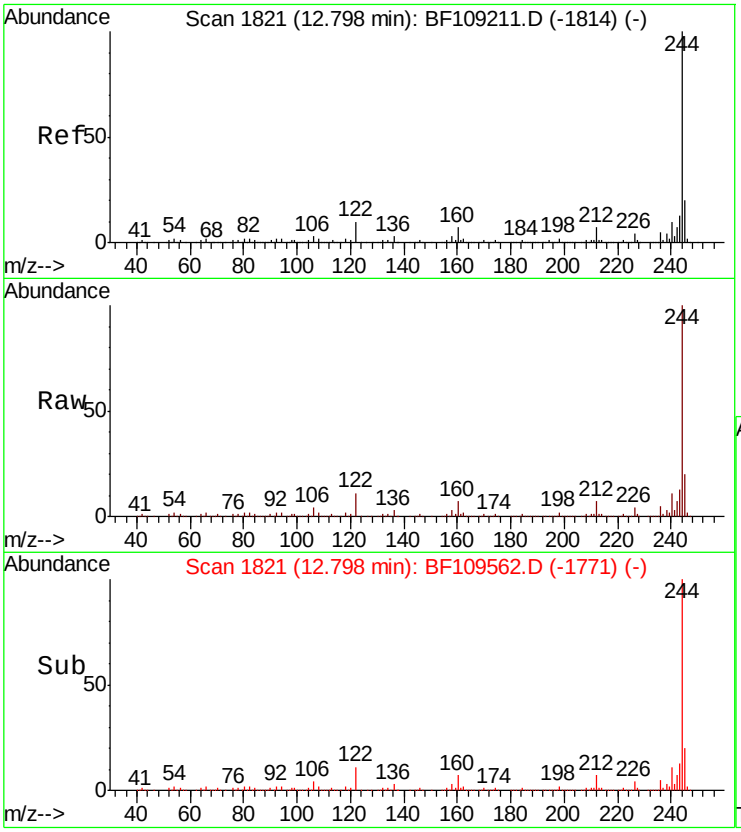




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:240 Resp: 206760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 9.5 | 14.3 |
| 236 | 26.3 | 20.7 | 31.1 |



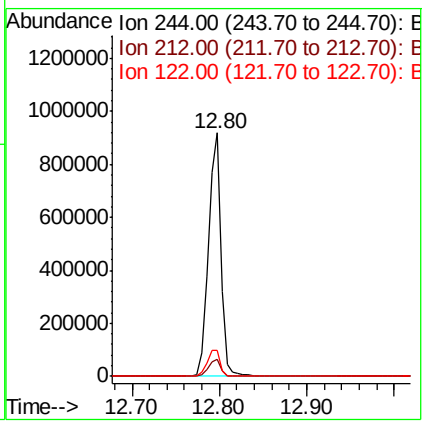


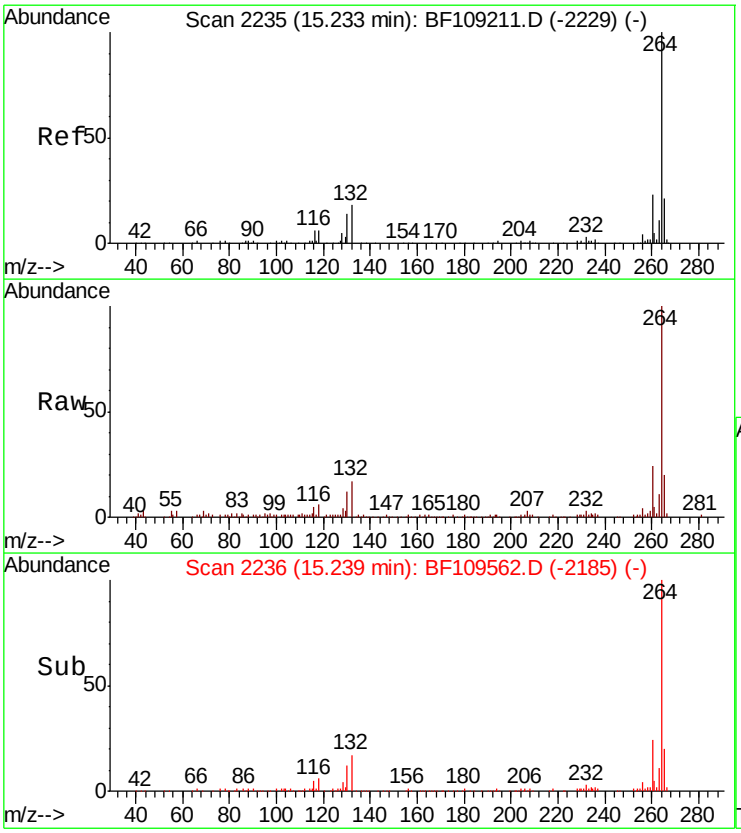

#78
Terphenyl-d14
Concen: 108.326 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

**Instrument :**
BNA_F
**ClientSampleId :**
100118-JETT-E-U-S

Tgt Ion:244 Resp: 912633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.4 | 8.0 |
| 122 | 10.6 | 11.0 | 16.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109562.D
Acq: 3 Oct 2018 22:15

Tgt Ion:264 Resp: 138593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.2 | 28.8 |
| 265 | 20.1 | 17.5 | 26.3 |