Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111138.D
Acq On : 6 Dec 2018 15:08
Operator : JU/SJ
Sample : J6204-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 06 15:48:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 437930 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 1723866 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.84 | 164 | 827836 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 1499432 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.96 | 240 | 1131143 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.40 | 264 | 875830 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 3327078 | 118.55 | ng | | 0.01 |
| 7) Phenol-d6 | 6.44 | 99 | 4228405 | 116.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 2735595 | 93.95 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 928199 | 141.06 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 4175707 | 95.07 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 4097379 | 74.19 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.45 | 77 | 9669 | Below Cal | | # | 1 |
| 10) Phenol | 6.45 | 94 | 282882 | 7.176 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 376604 | 15.501 | ng | # | 76 |
| 25) Isophorone | 7.36 | 82 | 2723754 | 50.971 | ng | # | 65 |
| 50) Dimethylphthalate | 9.56 | 163 | 326371 | 5.665 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 9.84 | 165 | 108144 | 8.853 | ng | # | 26 |
| 57) 2,4-Dinitrotoluene | 9.84 | 165 | 108144 | 6.855 | ng | # | 23 |
| 67) 4-Bromophenyl-phenylether | 10.63 | 248 | 63579 | 4.006 | ng | # | 1 |

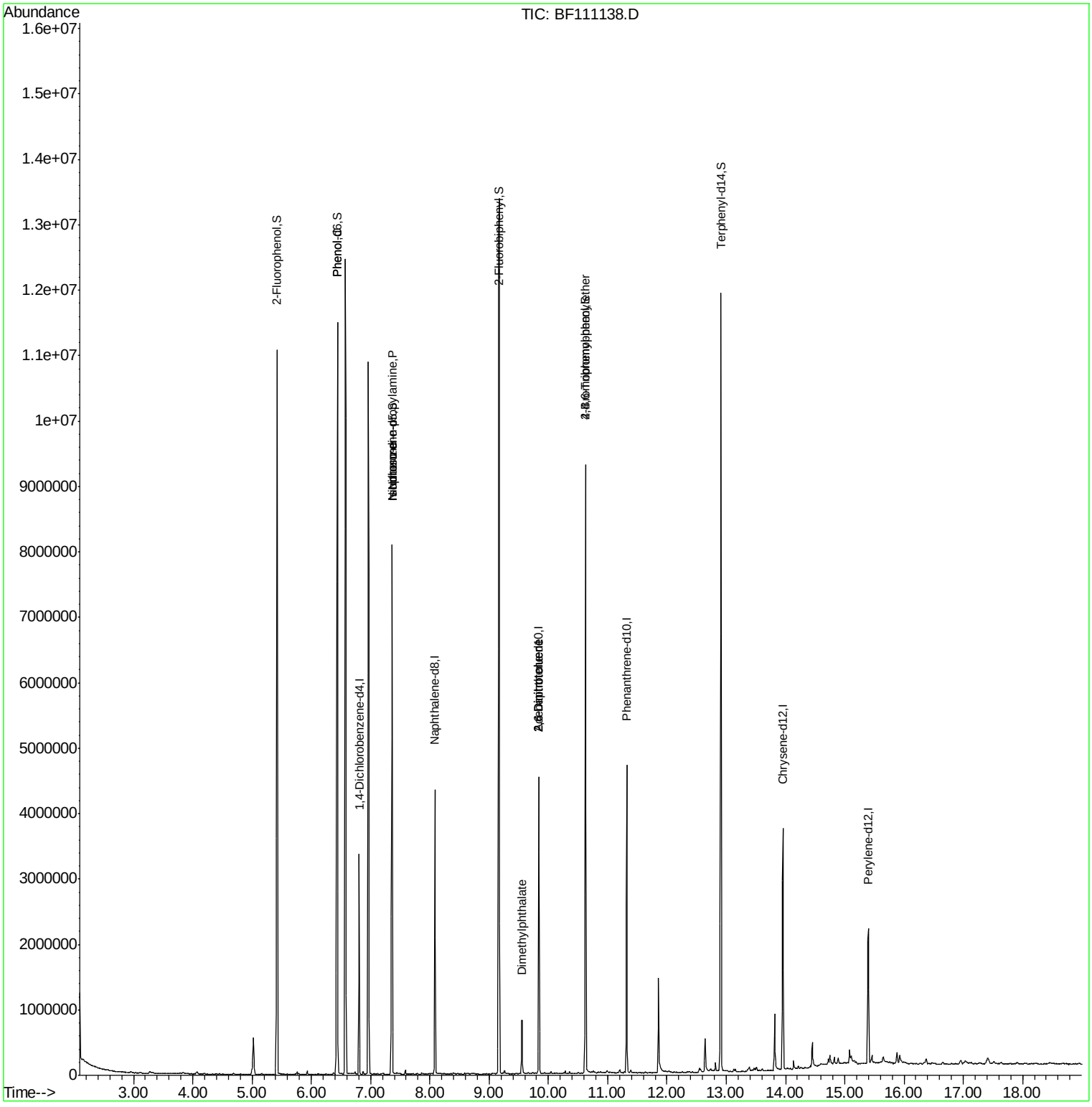
(#) = qualifier out of range (m) = manual integration (+) = signals summed

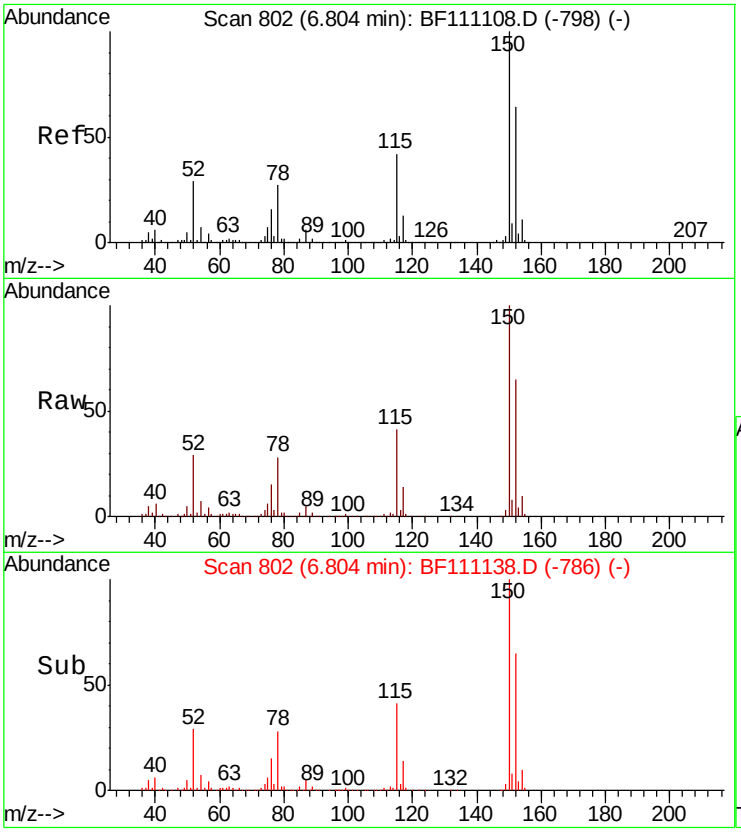
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111138.D
Acq On : 6 Dec 2018 15:08
Operator : JU/SJ
Sample : J6204-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 06 15:48:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration



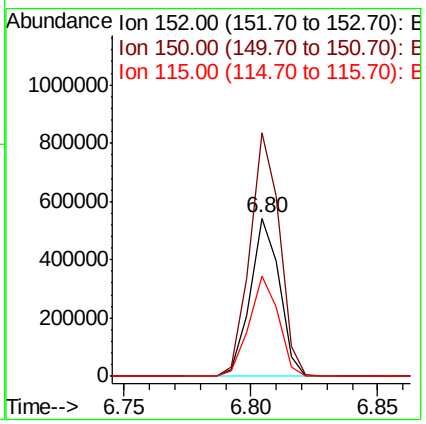


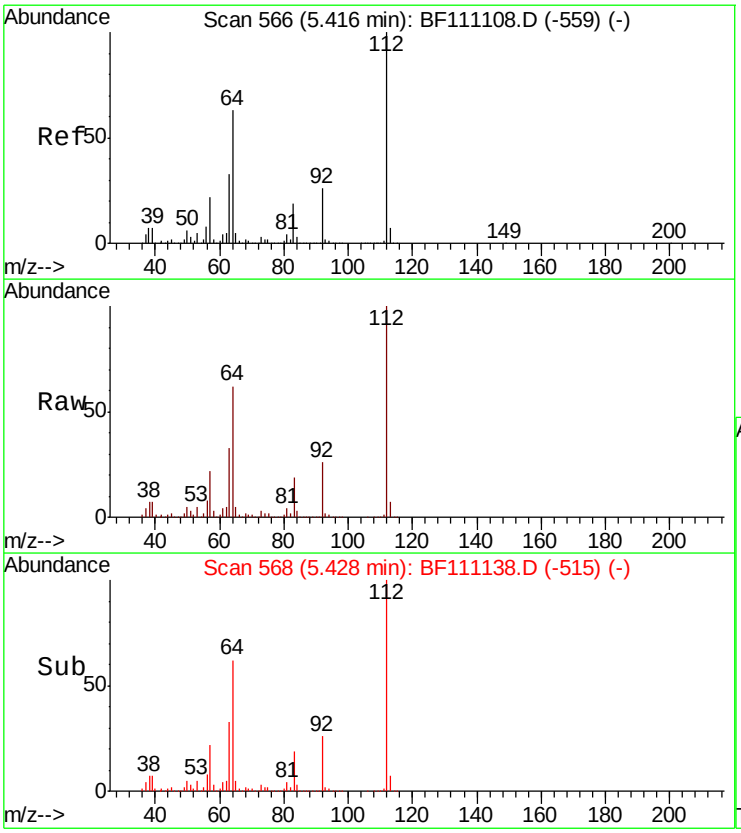

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:152 Resp: 437930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 124.6 | 187.0 |
| 115 | 63.6 | 52.2 | 78.2 |

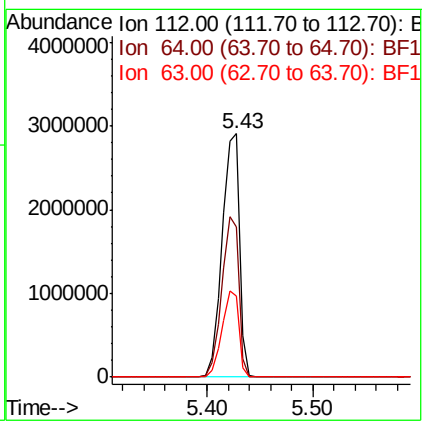


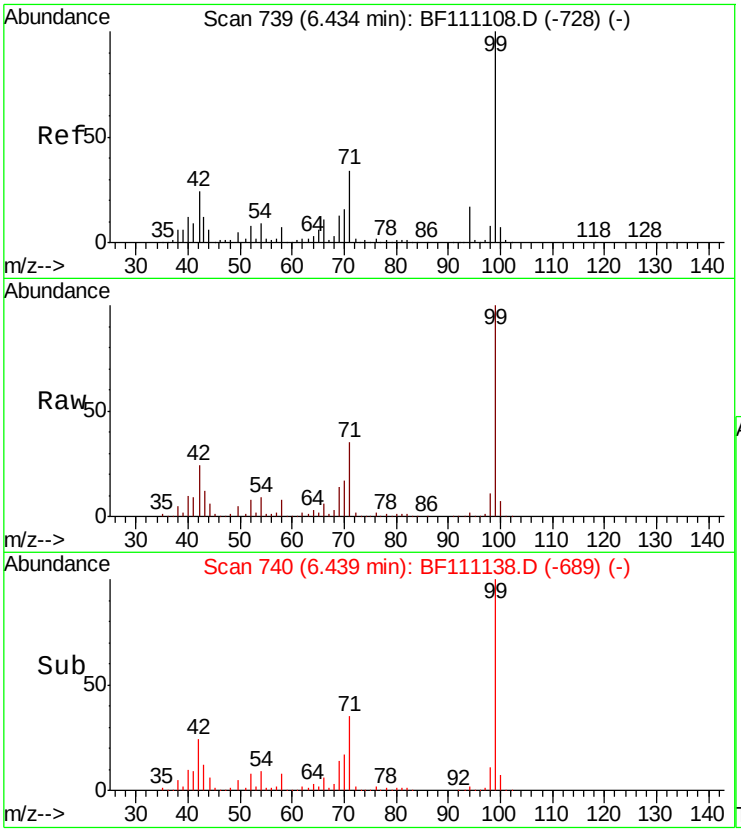




#5
2-Fluorophenol
Concen: 118.552 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:112 Resp: 3327078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.5 | 50.2 | 75.4 |
| 63 | 33.3 | 26.6 | 39.8 |



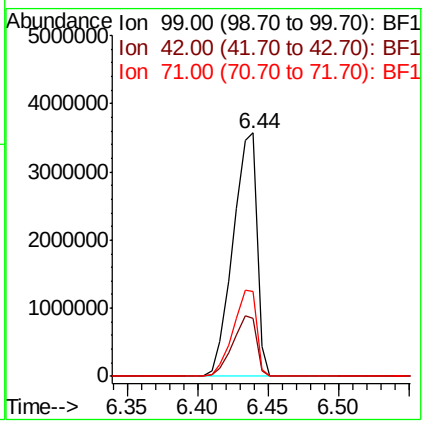


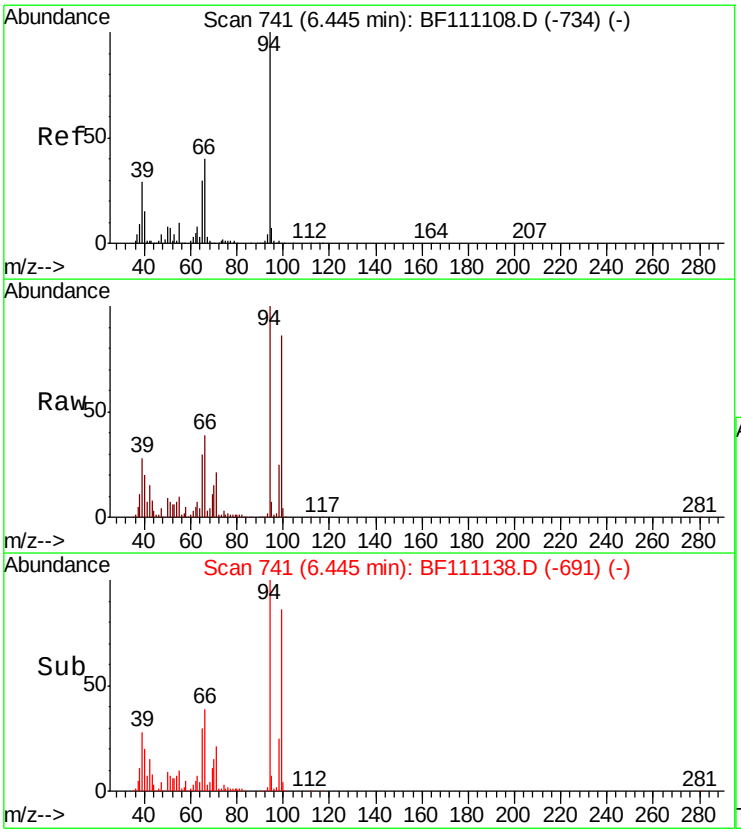

#7
Phenol-d6
Concen: 116.963 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion: 99 Resp: 4228405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.9 | 19.3 | 28.9 |
| 71 | 35.0 | 27.4 | 41.2 |

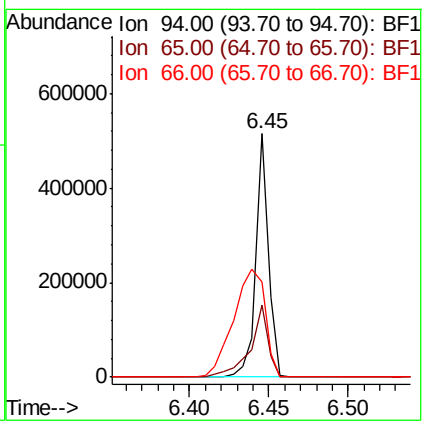


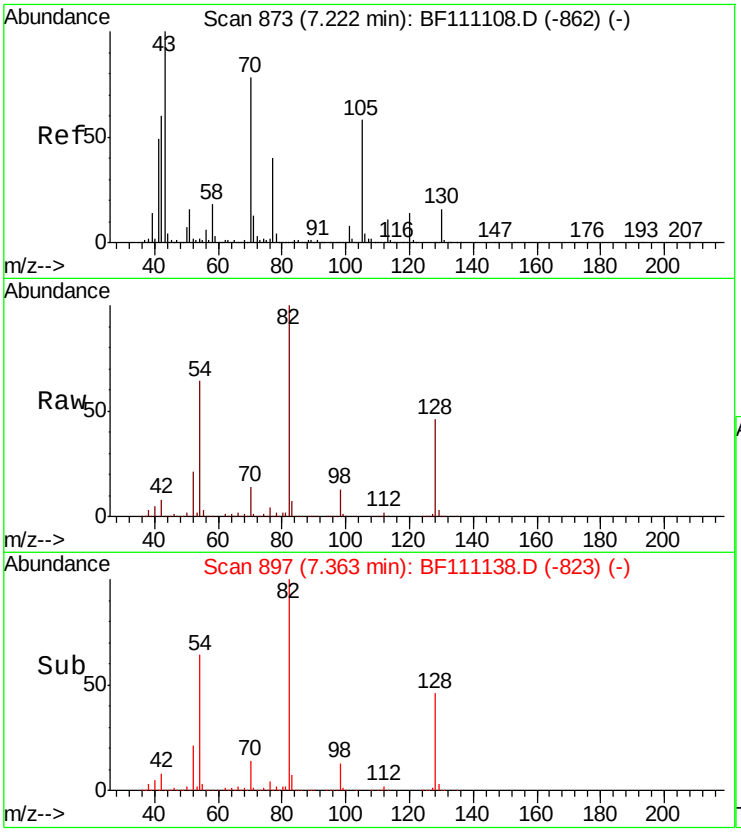




#10
Phenol
Concen: 7.176 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion: 94 Resp: 282882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.6 | 10.5 | 50.5 |
| 66 | 39.1 | 19.8 | 59.8 |



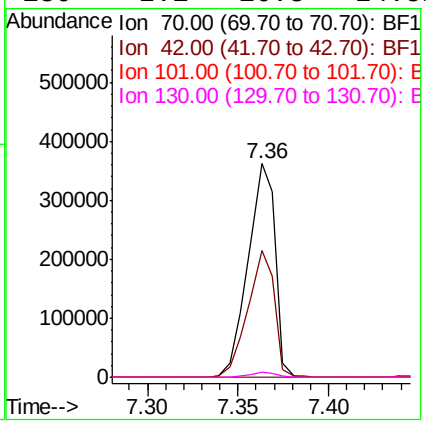


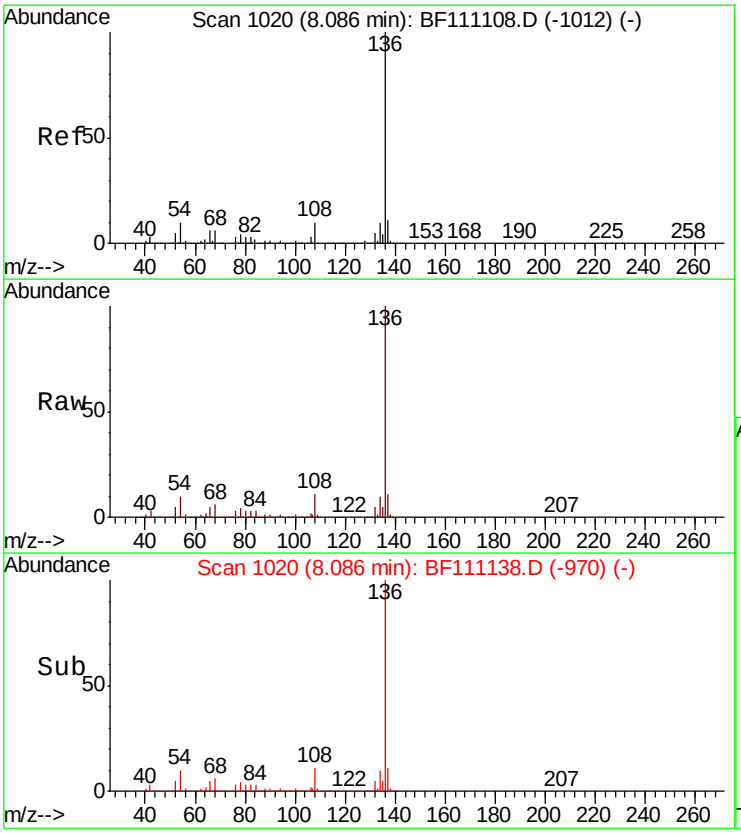

#19
n-Nitroso-di-n-propylamine
Concen: 15.501 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion: 70 Resp: 376604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.3 | 61.3 | 91.9# |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 2.1 | 16.3 | 24.5# |

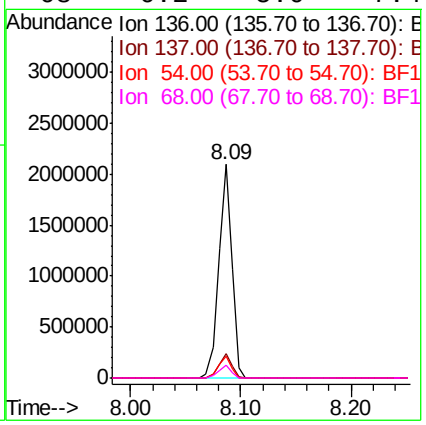


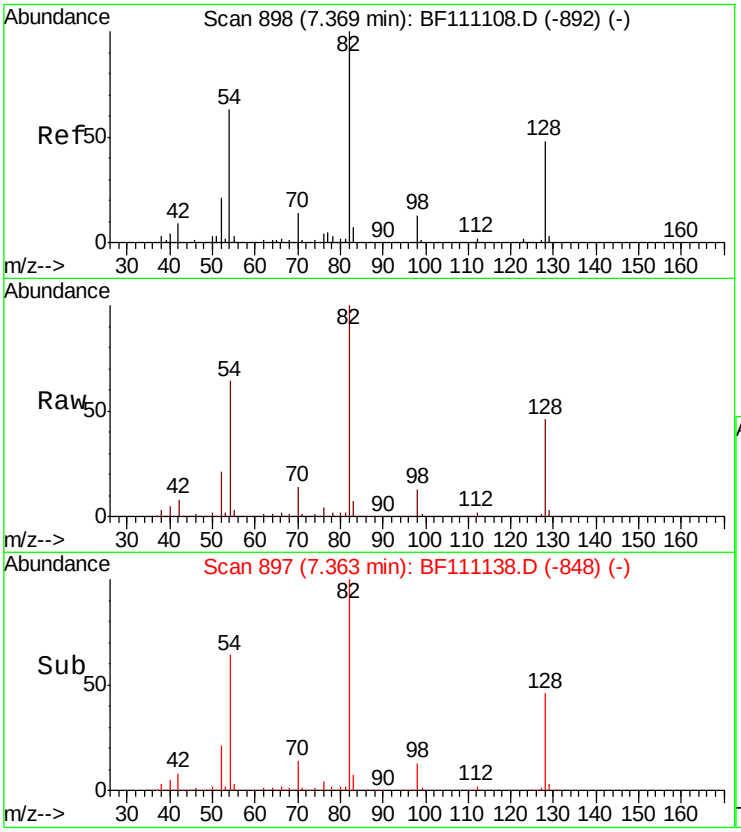




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:136 Resp: 1723866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.0 | 13.6 |
| 54 | 10.1 | 8.4 | 12.6 |
| 68 | 6.2 | 5.0 | 7.4 |



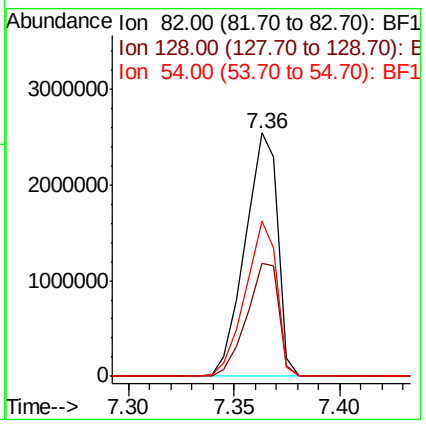


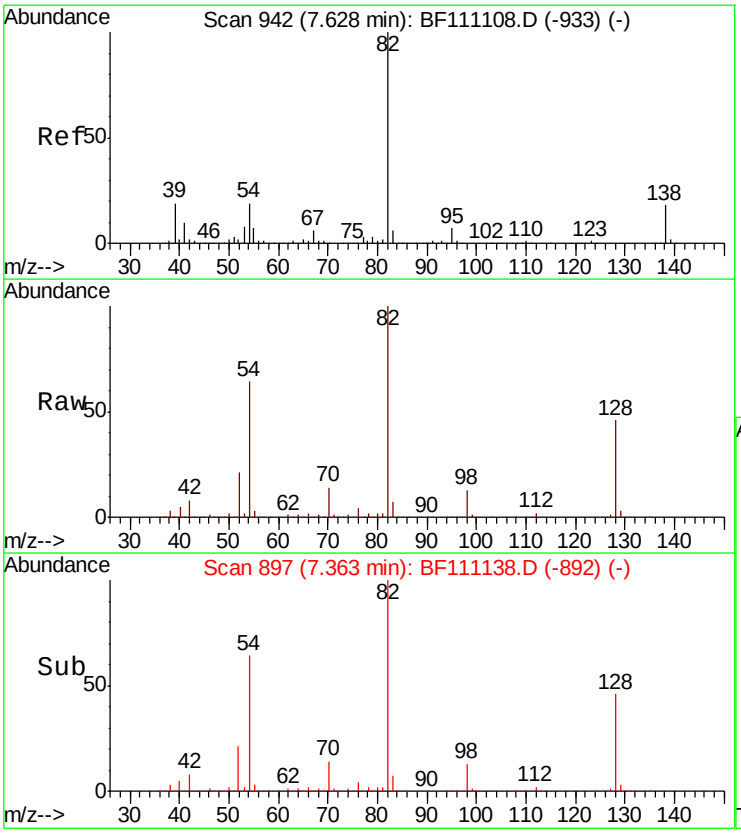

#23
Nitrobenzene-d5
Concen: 93.950 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion: 82 Resp: 2735595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.3 | 38.1 | 57.1 |
| 54 | 63.6 | 50.3 | 75.5 |

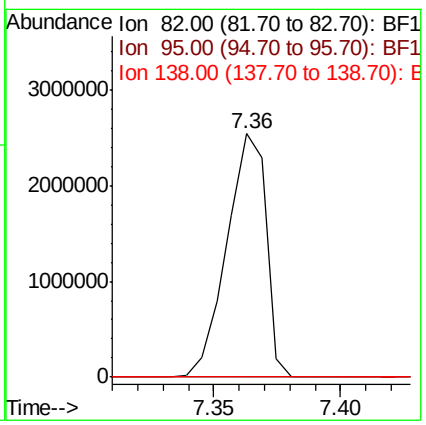


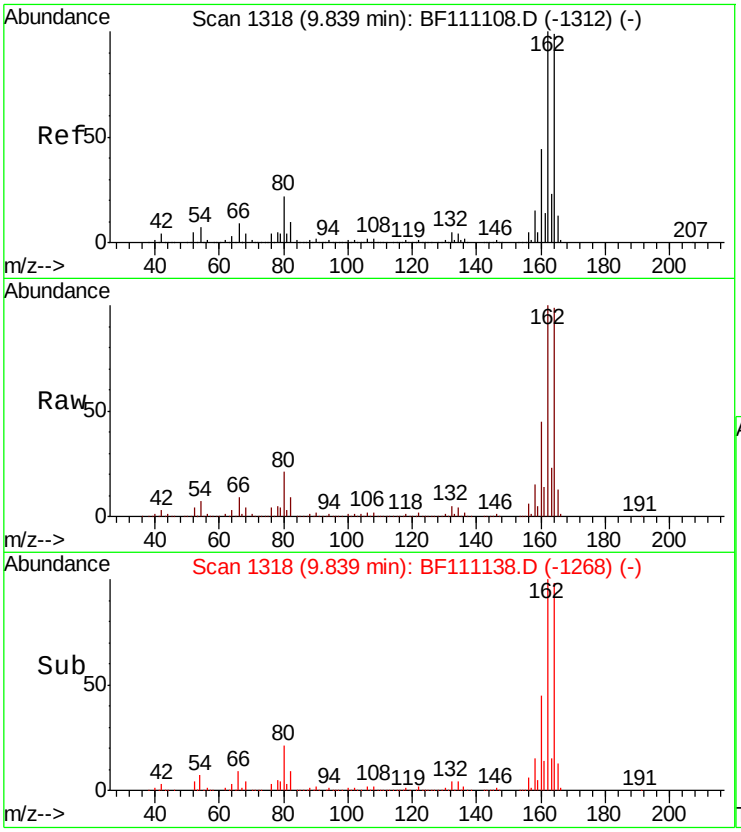




#25
Isophorone
Concen: 50.971 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion: 82 Resp: 2723754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.6 | 22.0# |



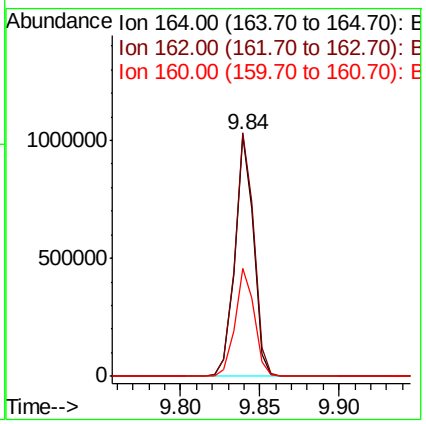


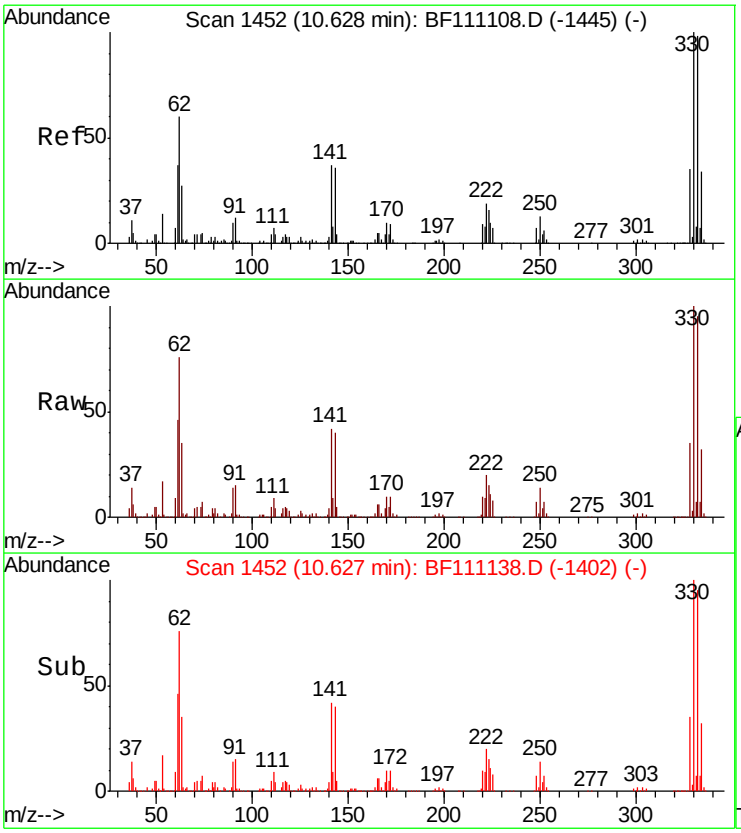

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:164 Resp: 827836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.6 | 120.8 |
| 160 | 45.0 | 35.5 | 53.3 |

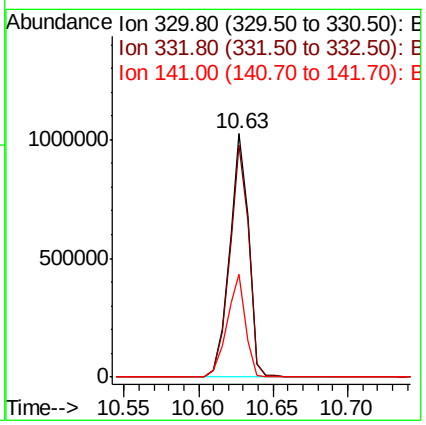


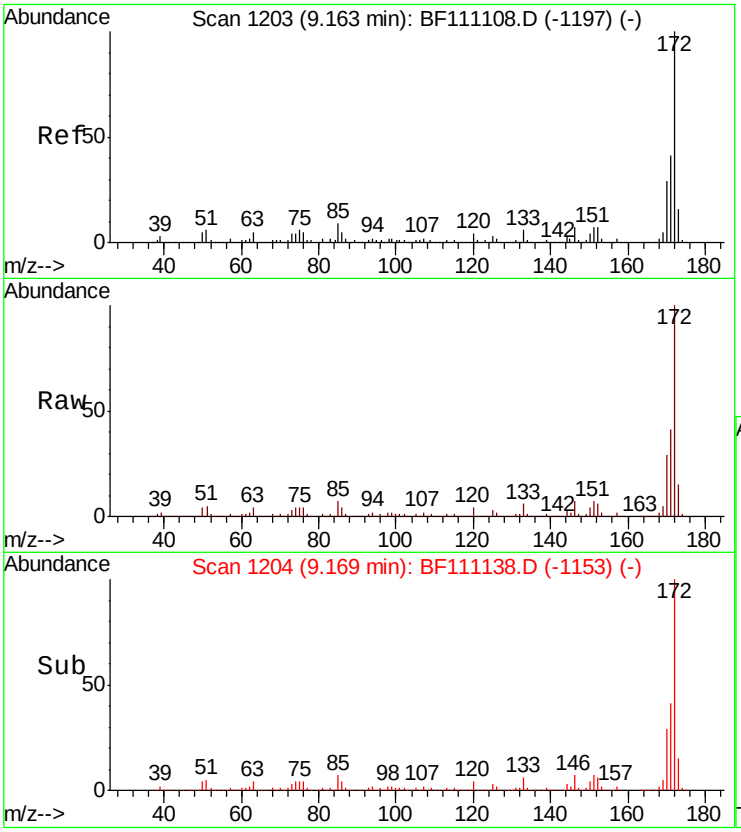




#42
2,4,6-Tribromophenol
Concen: 141.056 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:330 Resp: 928199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.2 | 115.8 |
| 141 | 41.3 | 36.1 | 54.1 |



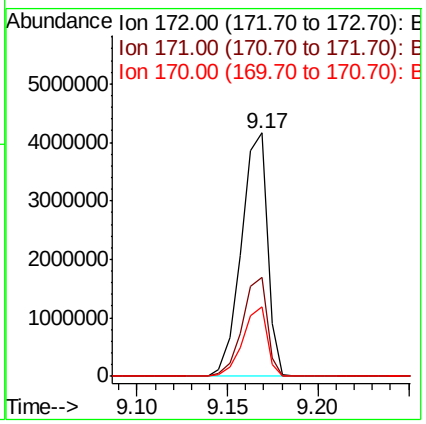


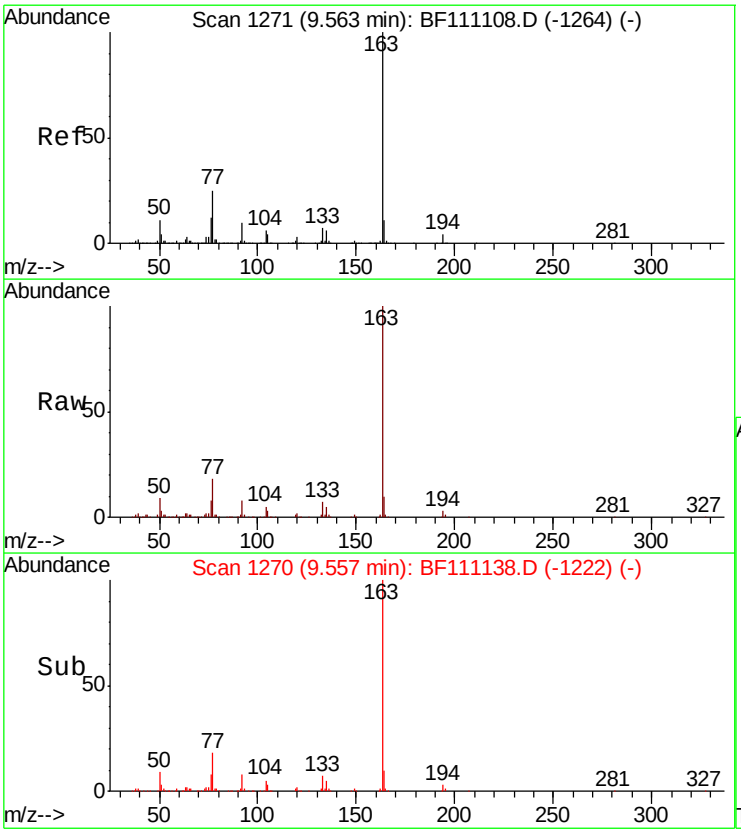

#45
2-Fluorobiphenyl
Concen: 95.074 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:172 Resp: 4175707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.9 | 33.2 | 49.8 |
| 170 | 28.6 | 22.9 | 34.3 |

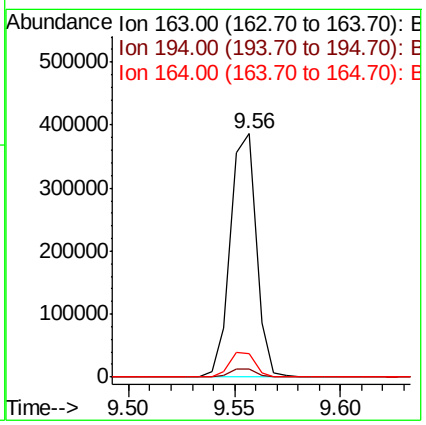


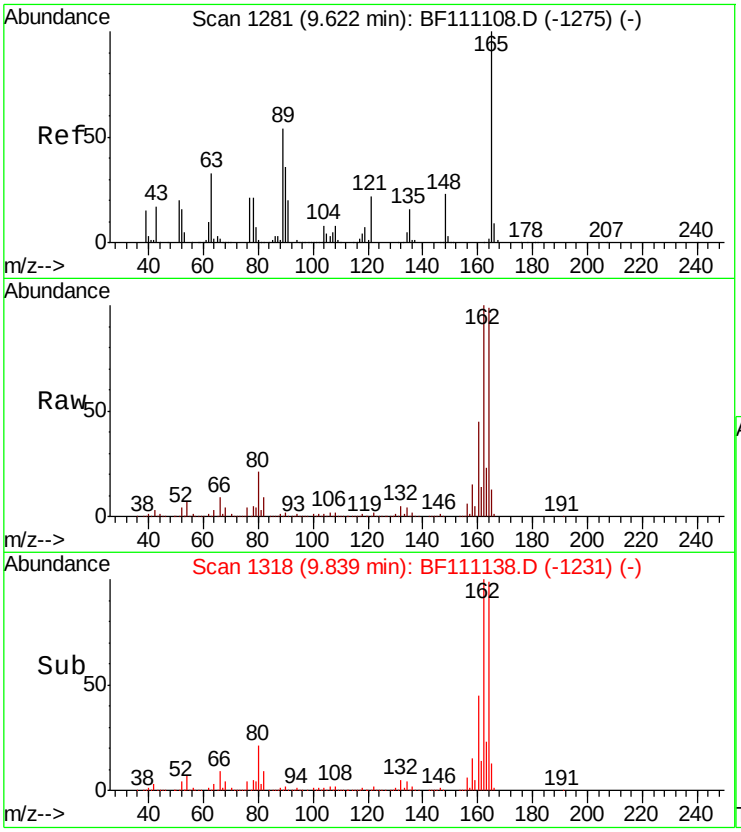




#50
Dimethylphthalate
Concen: 5.665 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:163 Resp: 326371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 3.0 | 4.4 |
| 164 | 9.5 | 8.9 | 13.3 |



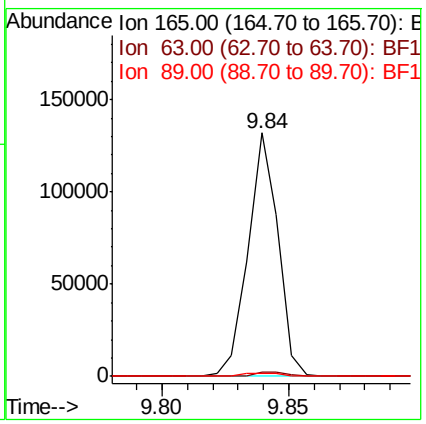


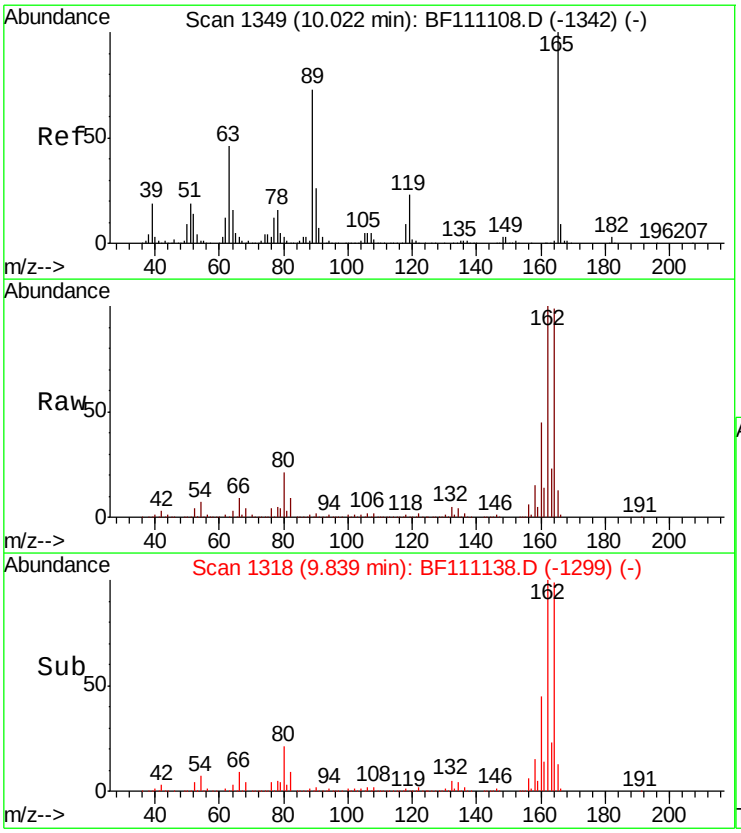

#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:165 Resp: 108144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 44.7 | 67.1# |
| 89 | 1.4 | 43.0 | 64.4# |

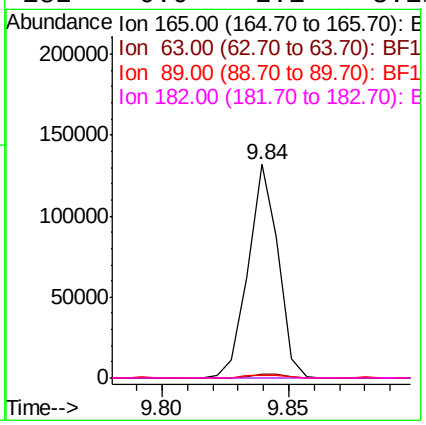


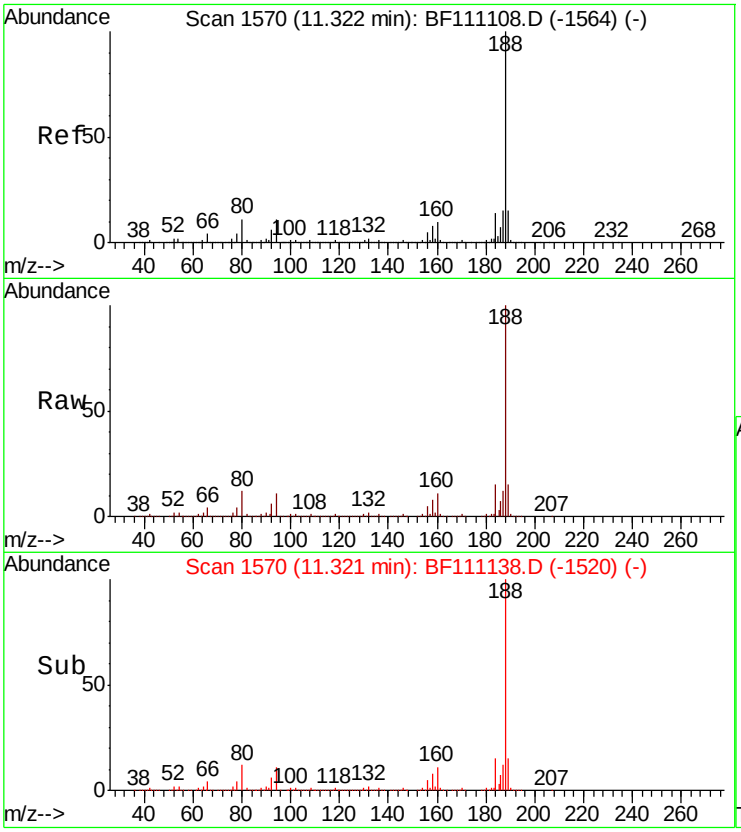




#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:165 Resp: 108144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 36.7 | 55.1# |
| 89 | 1.4 | 58.4 | 87.6# |
| 182 | 0.0 | 2.1 | 3.1# |



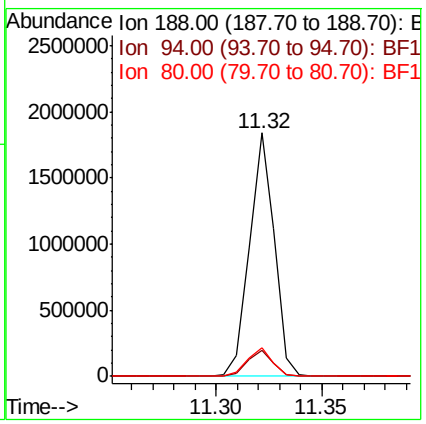


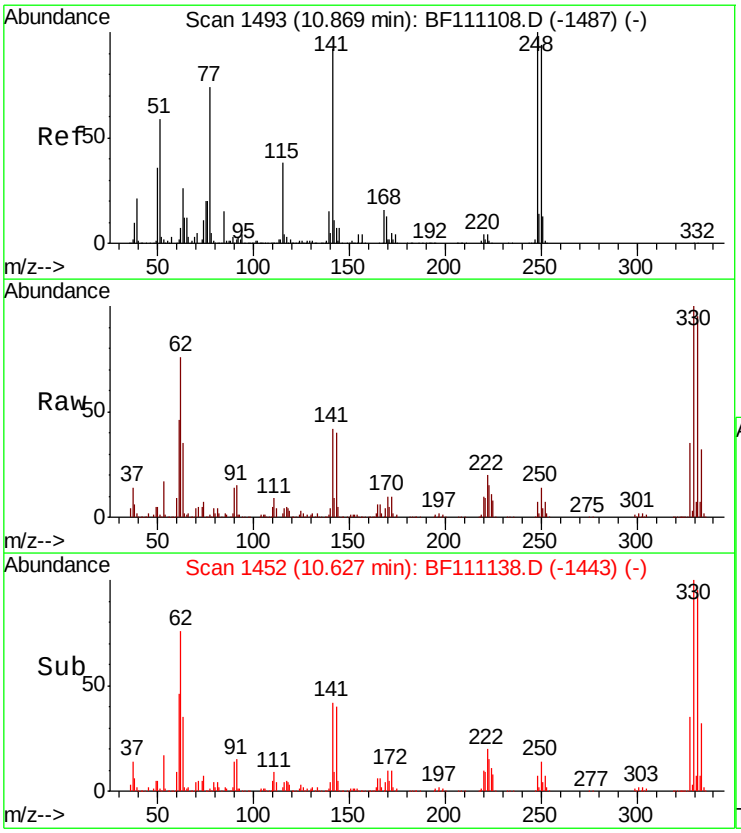

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:188 Resp: 1499432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.5 | 12.7 |
| 80 | 11.8 | 9.0 | 13.6 |

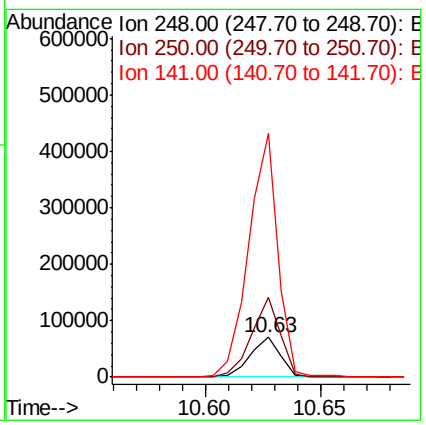


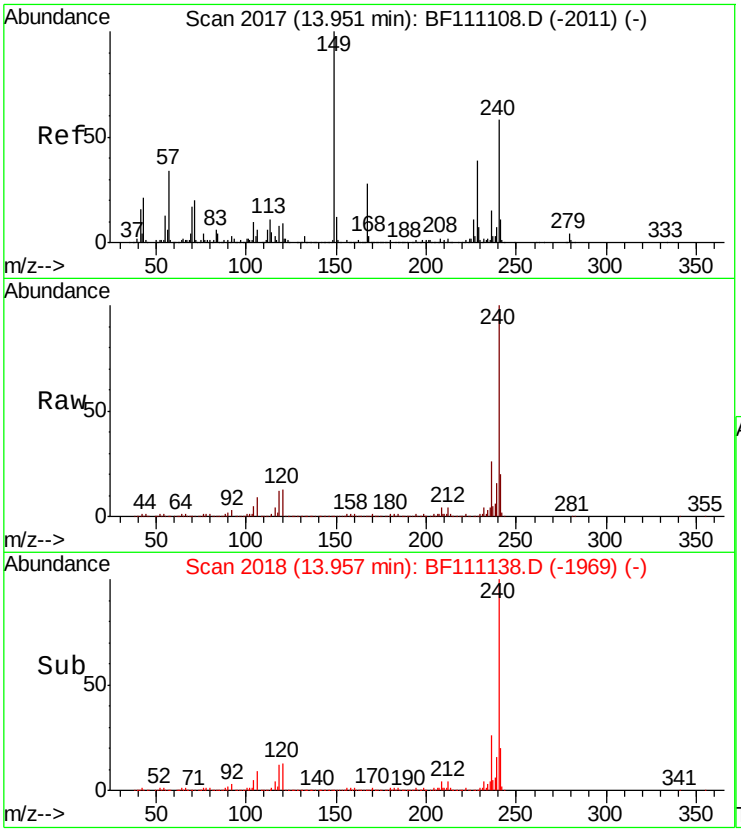




#67
4-Bromophenyl-phenylether
Concen: 4.006 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:248 Resp: 63579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 201.7 | 75.4 | 113.0# |
| 141 | 614.2 | 73.8 | 110.6# |



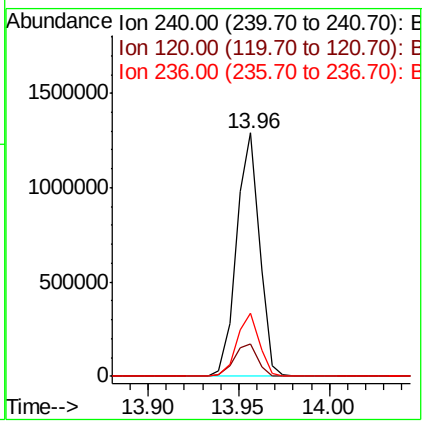


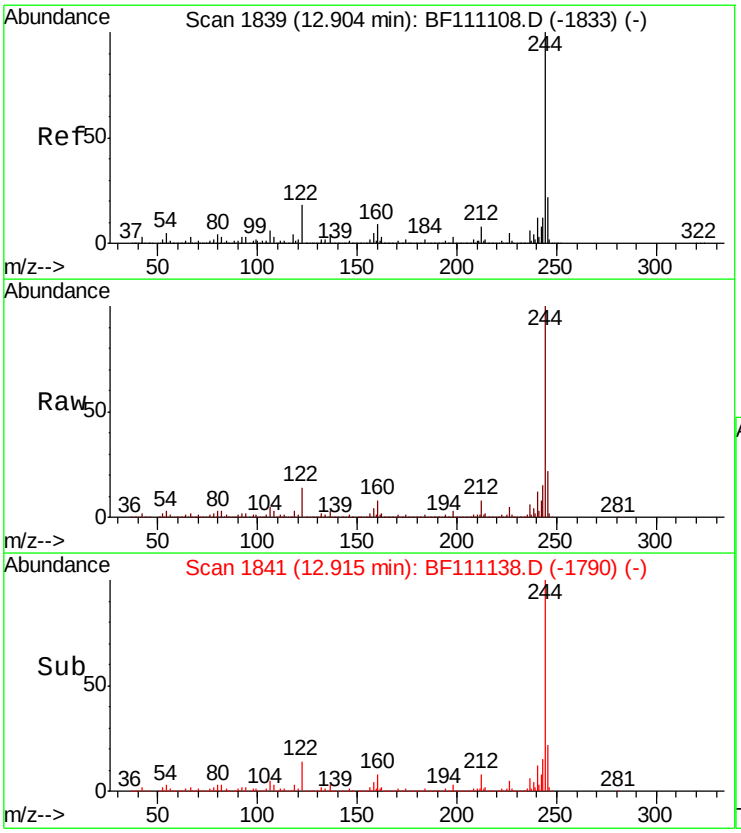

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:240 Resp: 1131143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.3 | 12.8 | 19.2 |
| 236 | 26.0 | 21.1 | 31.7 |

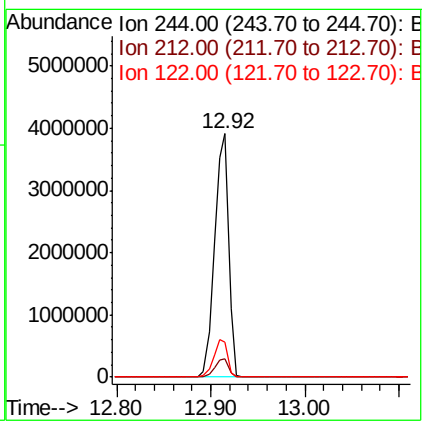


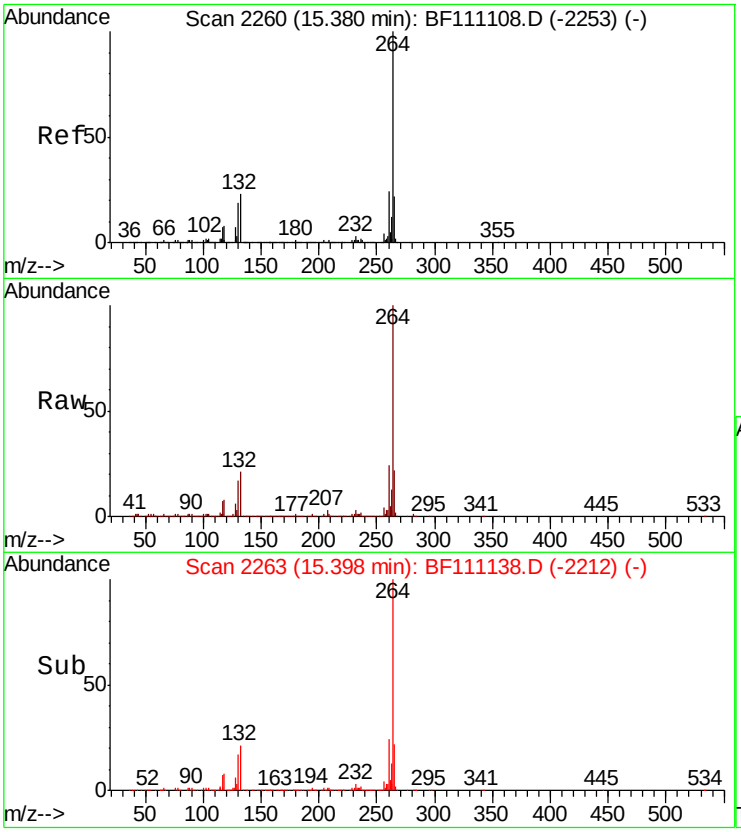




#79
Terphenyl-d14
Concen: 74.185 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

Tgt Ion:244 Resp: 4097379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.6 | 9.8 |
| 122 | 14.3 | 14.2 | 21.2 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF111138.D
Acq: 6 Dec 2018 15:08

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

Tgt Ion:264 Resp: 875830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.4 | 29.0 |
| 265 | 21.6 | 17.4 | 26.0 |