Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092358.D
Acq On : 18 Jan 2017 18:32
Operator : UM/SJ
Sample : I1260-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-0-12FT-COMP

Quant Time: Jan 19 00:05:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.70 | 152 | 489244 | 20.00 | ng | | 0.06 |
| 21) Naphthalene-d8 | 7.83 | 136 | 604413 | 20.00 | ng | | -0.10 |
| 38) Acenaphthene-d10 | 9.57 | 164 | 349987 | 20.00 | ng | | -0.11 |
| 63) Phenanthrene-d10 | 11.06 | 188 | 517728 | 20.00 | ng | | -0.10 |
| 75) Chrysene-d12 | 13.69 | 240 | 345633 | 20.00 | ng | | -0.10 |
| 86) Perylene-d12 | 15.03 | 264 | 375582 | 20.00 | ng | | -0.11 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.12 | 112 | 1049612 | 35.82 | ng | | -0.11 |
| 7) Phenol-d6 | 6.21 | 99 | 1368040 | 38.24 | ng | | -0.10 |
| 23) Nitrobenzene-d5 | 7.11 | 82 | 770388 | 70.88 | ng | | -0.10 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 344912 | 119.08 | ng | | -0.10 |
| 44) 2-Fluorobiphenyl | 8.91 | 172 | 1649919 | 98.67 | ng | | -0.10 |
| 78) Terphenyl-d14 | 12.63 | 244 | 1123766 | 78.85 | ng | | -0.11 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.21 | 77 | 2318 | Below Cal | | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70 | 100268 | 4.21 | ng | # | 79 |
| 37) 2-Methylnaphthalene | 8.56 | 142 | 1504 | Below Cal | | | 90 |
| 49) Dimethylphthalate | 9.31 | 163 | 199769 | 8.92 | ng | # | 98 |
| 56) 2,4-Dinitrotoluene | 9.57 | 165 | 45594 | 7.41 | ng | # | 20 |
| 66) 4-Bromophenyl-phenylether | 10.37 | 248 | 21898 | 4.07 | ng | # | 1 |
| 71) Anthracene | 11.08 | 178 | 5464 | Below Cal | | | 99 |
| 73) Di-n-butylphthalate | 11.63 | 149 | 1746 | Below Cal | | # | 76 |
| 74) Fluoranthene | 12.27 | 202 | 7568 | Below Cal | | | 92 |
| 76) Benzidine | 12.42 | 184 | 778 | Below Cal | | # | 65 |

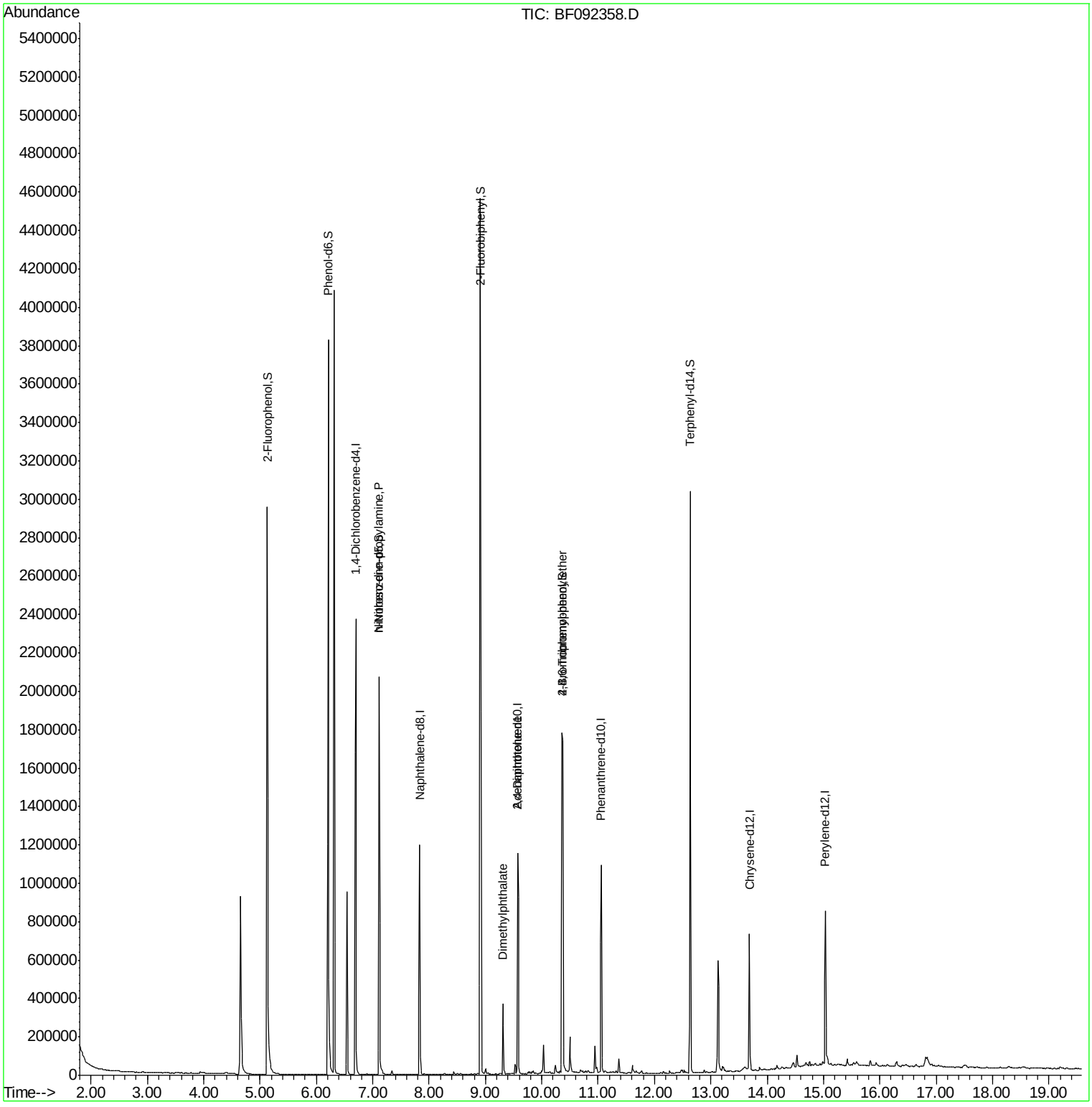
(#) = qualifier out of range (m) = manual integration (+) = signals summed

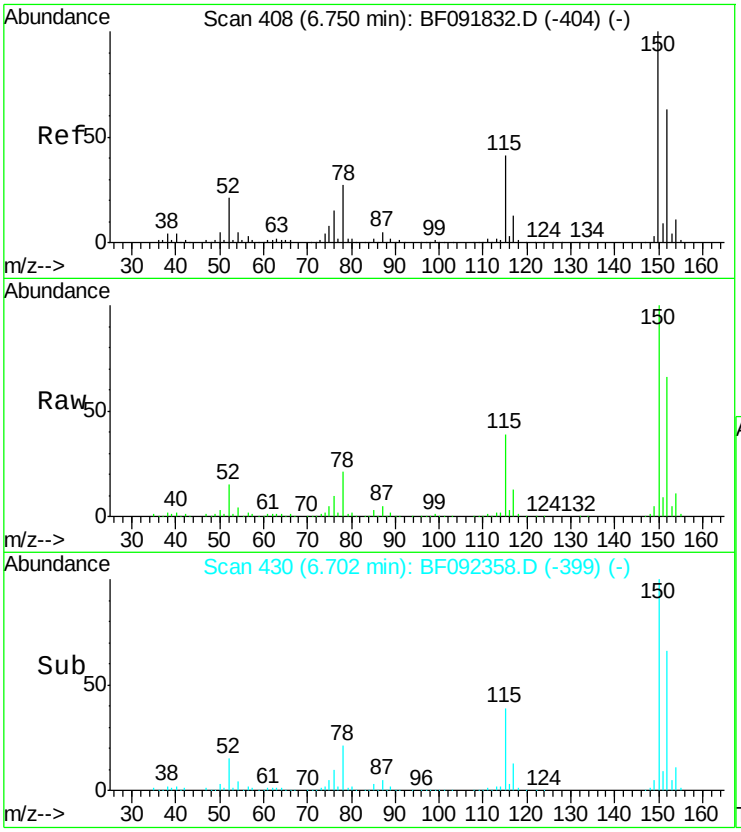
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092358.D
Acq On : 18 Jan 2017 18:32
Operator : UM/SJ
Sample : I1260-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Quant Time: Jan 19 00:05:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



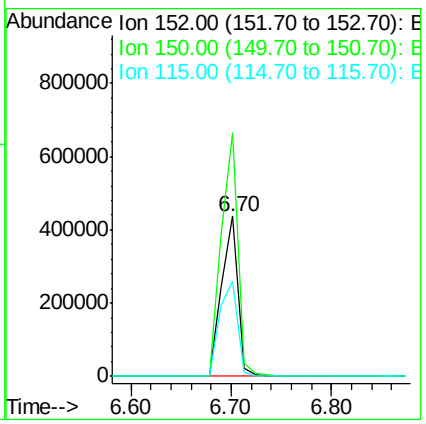


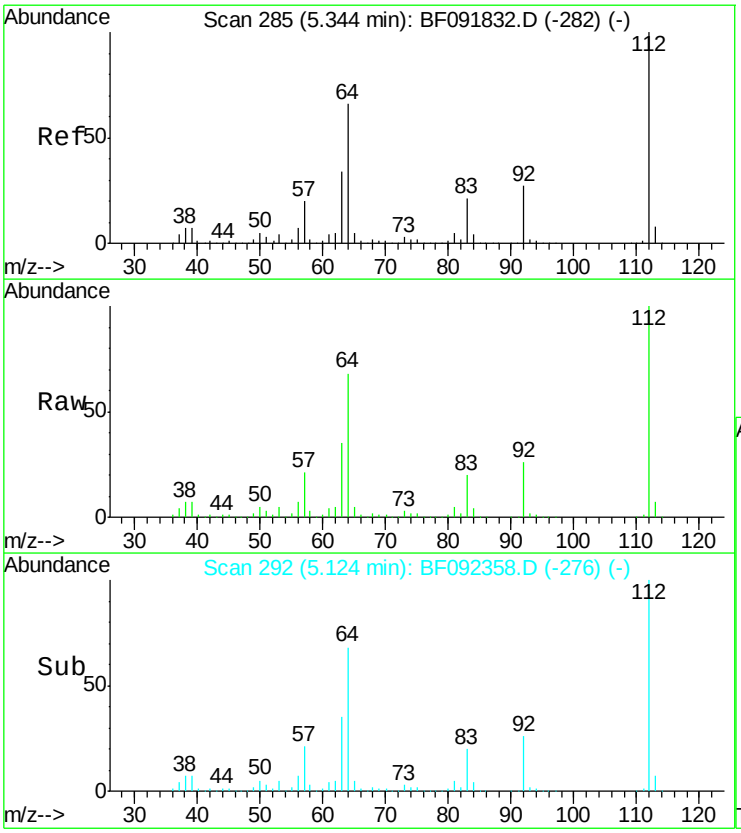

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 430
Delta R.T. 0.06 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:152 Resp: 489244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.9 | 124.9 | 187.3 |
| 115 | 59.6 | 46.0 | 69.0 |

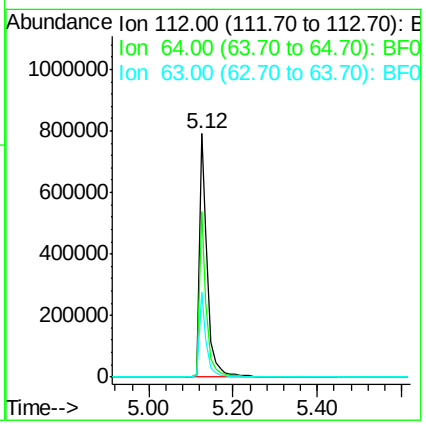


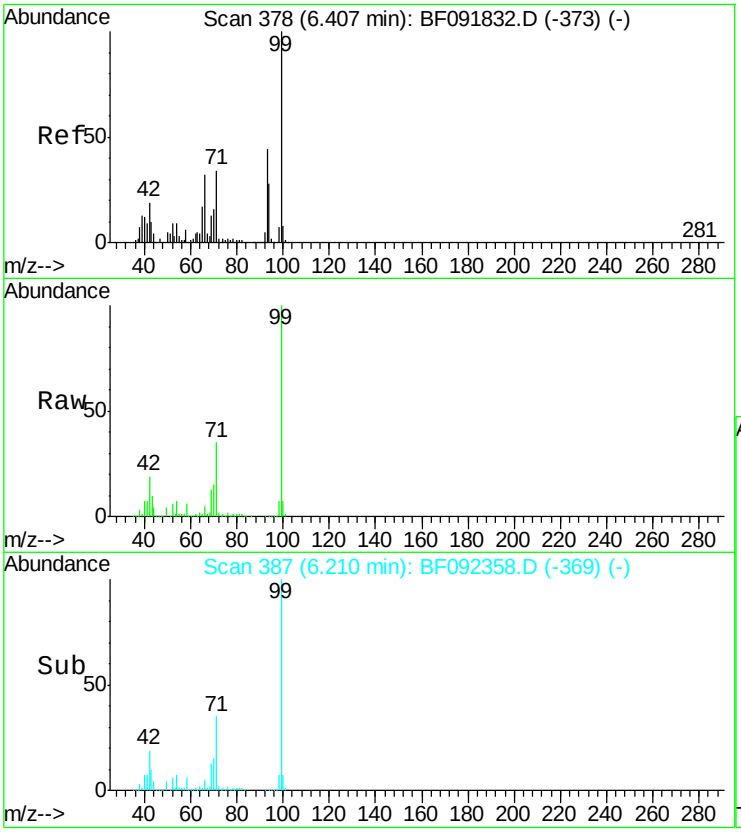




#5
2-Fluorophenol
Concen: 35.82 ng
RT: 5.12 min Scan# 292
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:112 Resp: 1049612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.8 | 46.1 | 69.1 |
| 63 | 35.0 | 23.8 | 35.6 |



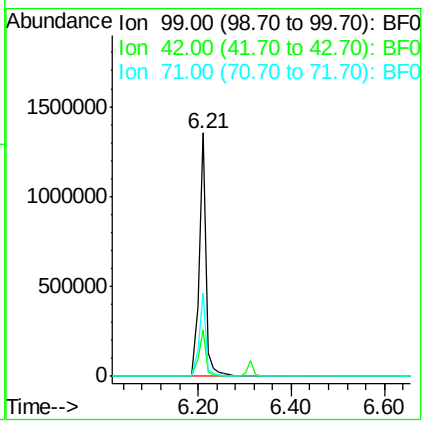


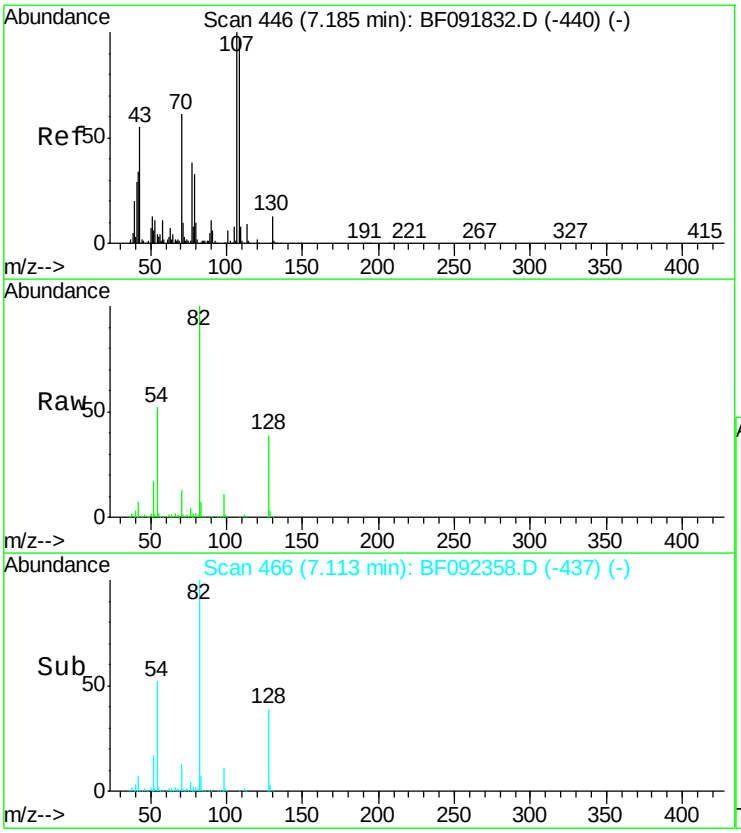

#7
Phenol-d6
Concen: 38.24 ng
RT: 6.21 min Scan# 387
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion: 99 Resp: 1368040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 15.6 | 23.4 |
| 71 | 34.5 | 27.5 | 41.3 |

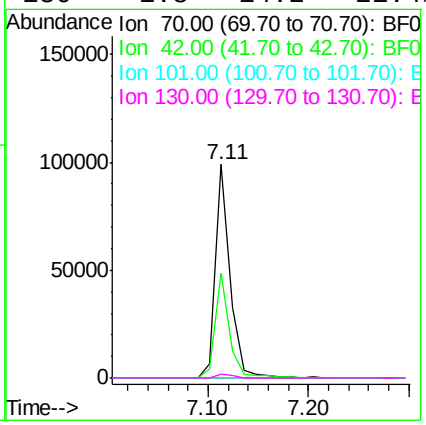


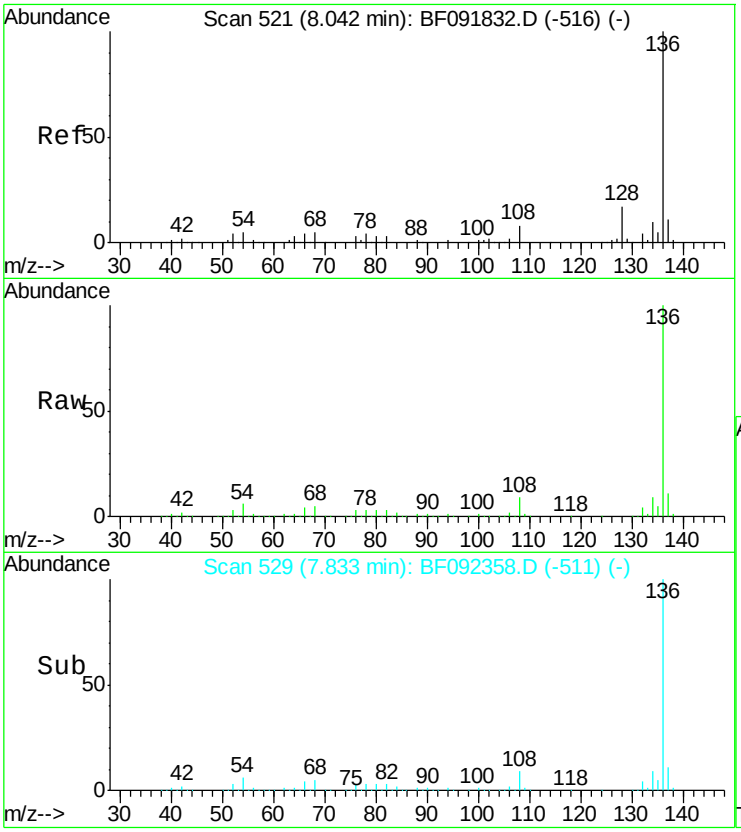




#19
n-Nitroso-di-n-propylamine
Concen: 4.21 ng
RT: 7.11 min Scan# 466
Delta R.T. 0.04 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion: 70 Resp: 100268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.3 | 49.4 | 74.0# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.8 | 14.2 | 21.4# |



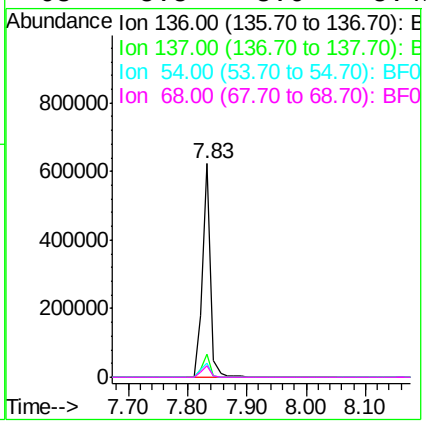


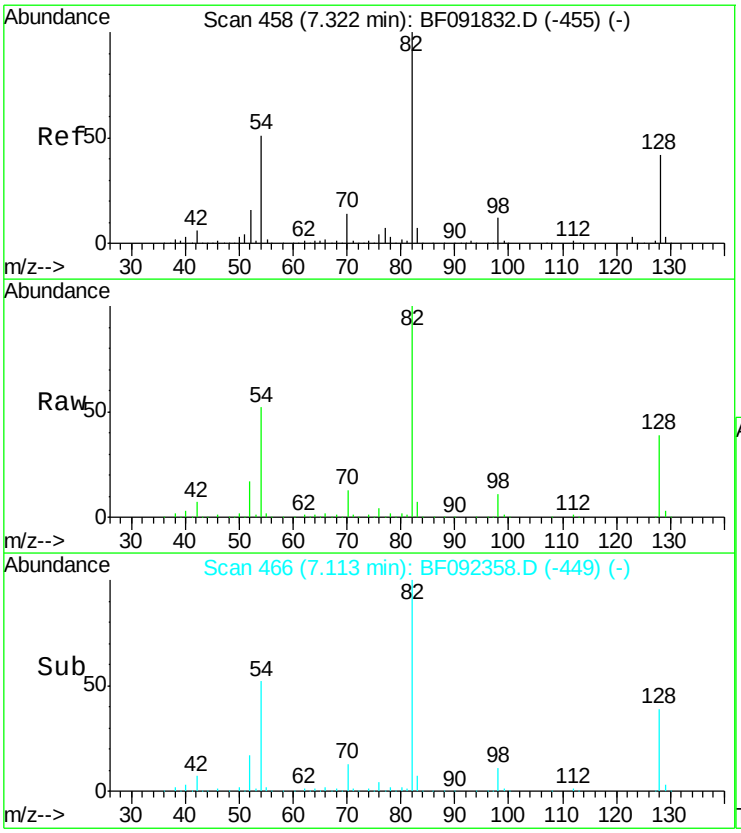

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:136 Resp: 604413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.4 | 12.6 |
| 54 | 6.5 | 4.5 | 6.7 |
| 68 | 5.5 | 3.6 | 5.4# |

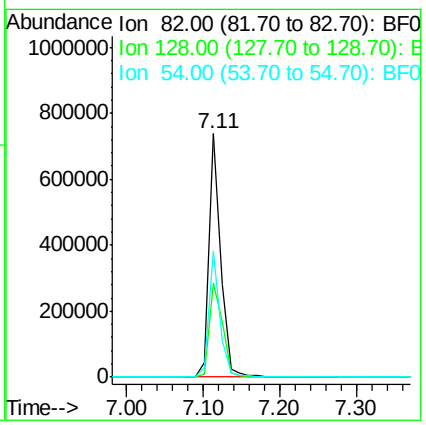


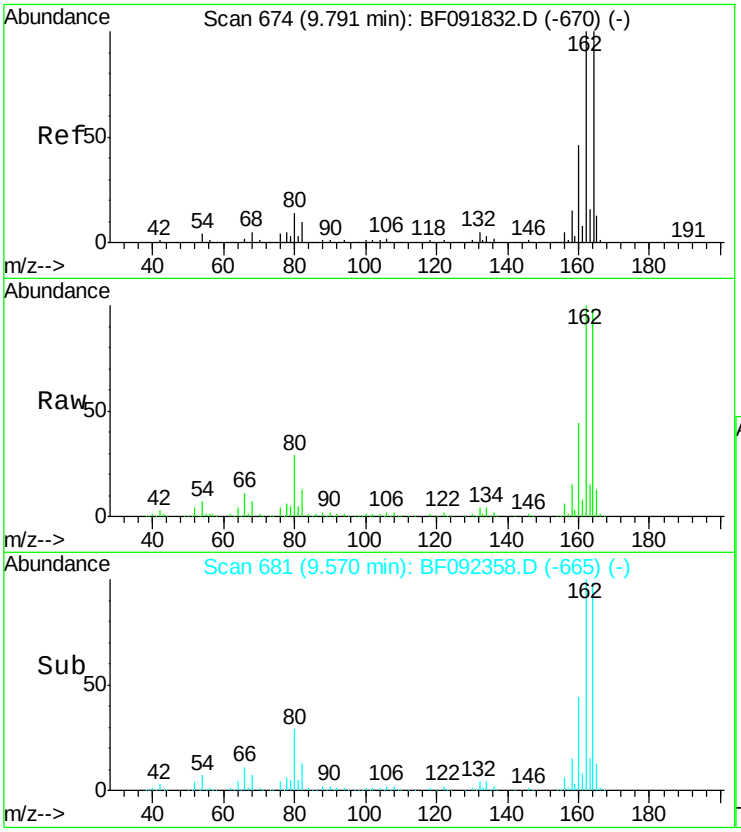




#23
Nitrobenzene-d5
Concen: 70.88 ng
RT: 7.11 min Scan# 466
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion: 82 Resp: 770388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.8 | 34.6 | 52.0 |
| 54 | 51.8 | 39.5 | 59.3 |



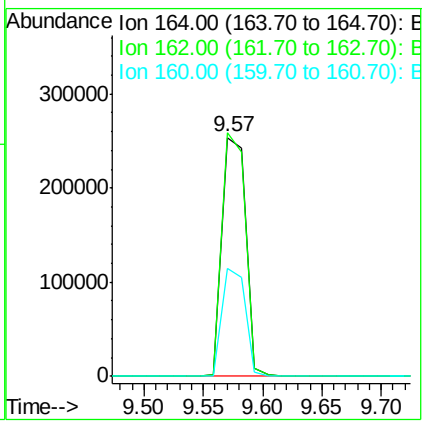


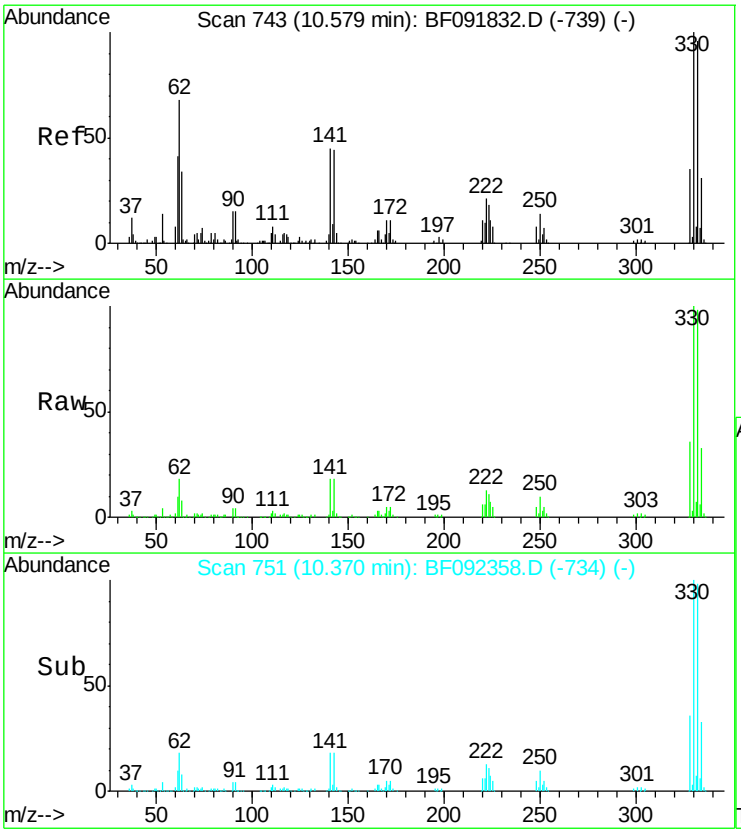

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:164 Resp: 349987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 80.2 | 120.2 |
| 160 | 45.3 | 36.9 | 55.3 |

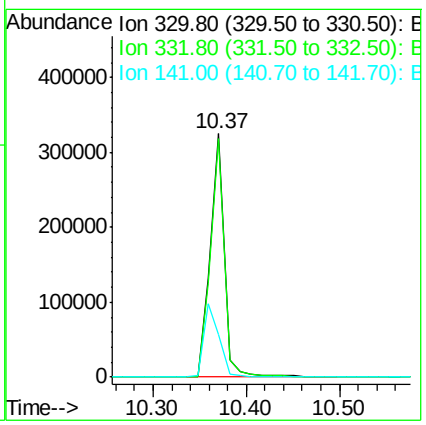


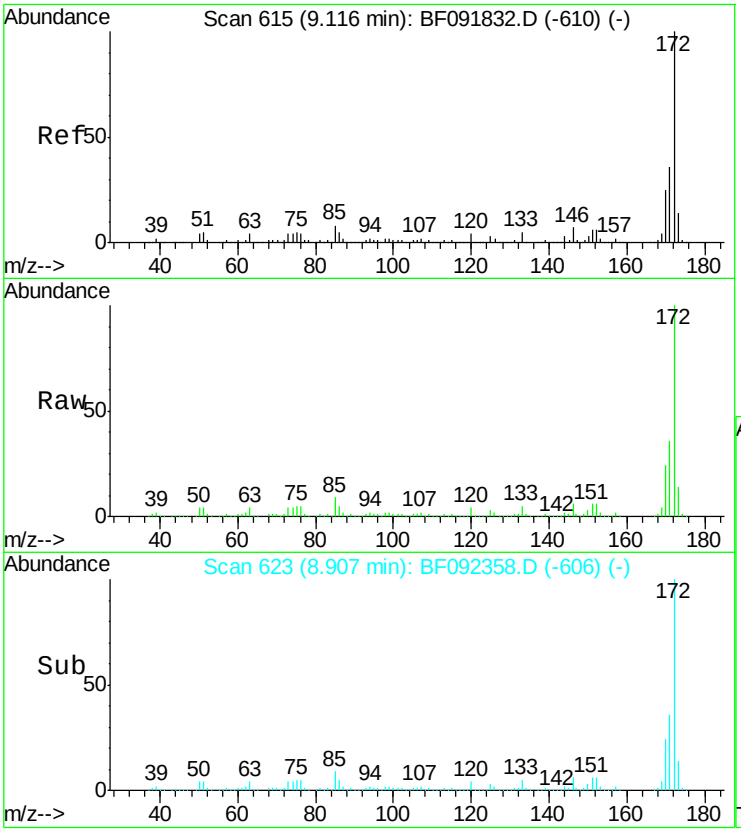




#41
2,4,6-Tribromophenol
Concen: 119.08 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:330 Resp: 344912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.4 | 116.2 |
| 141 | 33.5 | 34.1 | 51.1# |



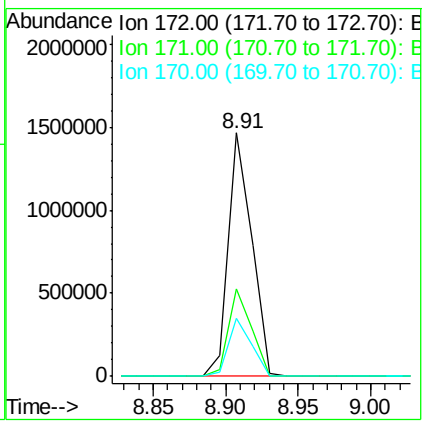


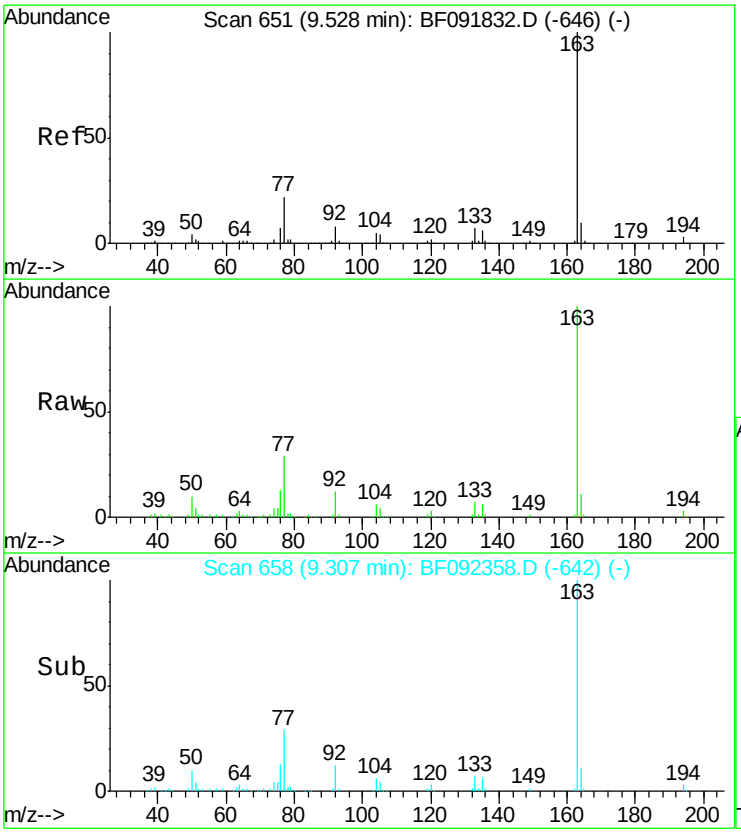

#44
2-Fluorobiphenyl
Concen: 98.67 ng
RT: 8.91 min Scan# 623
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:172 Resp: 1649919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.4 | 44.0 |
| 170 | 24.0 | 20.2 | 30.4 |

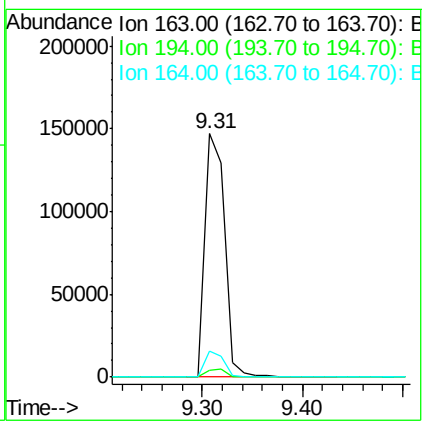


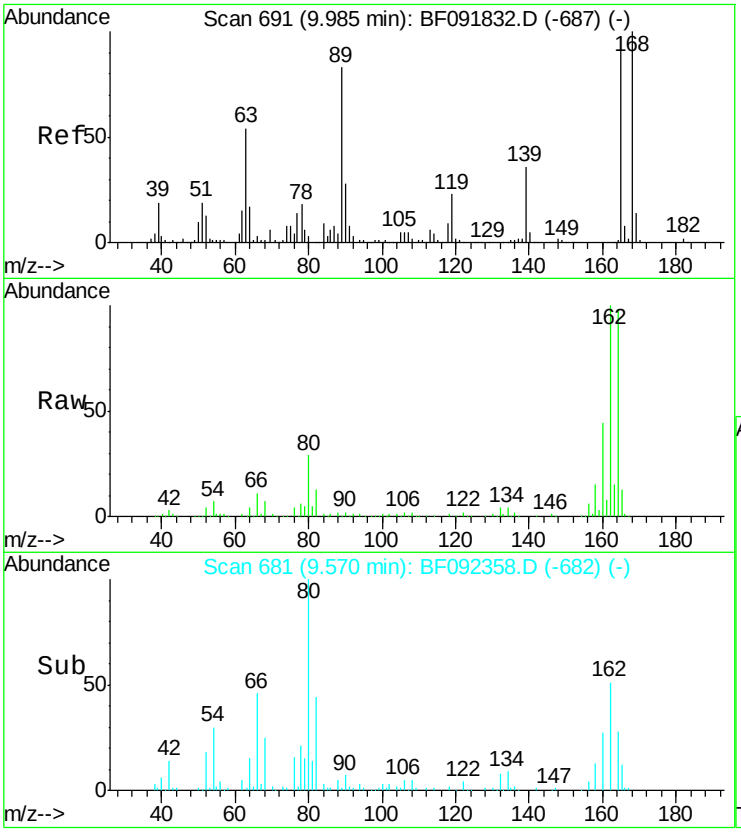




#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:163 Resp: 199769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 2.6 | 3.0 | 4.4# |
| 164 | 10.6 | 8.0 | 12.0 |



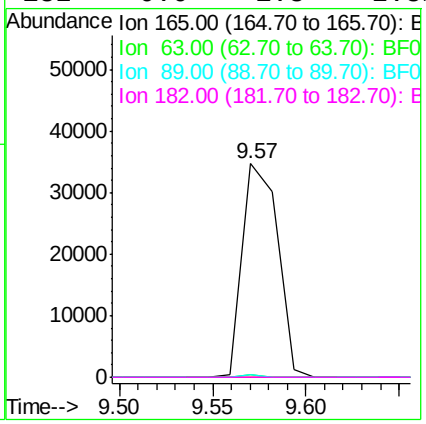


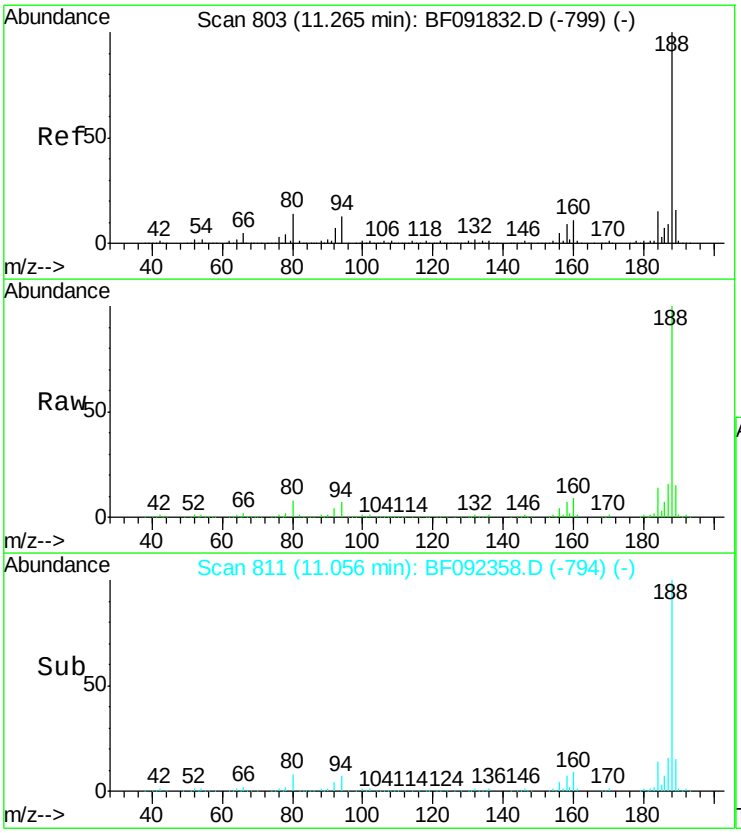

#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.32 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:165 Resp: 45594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 40.2 | 60.4# |
| 89 | 1.4 | 62.5 | 93.7# |
| 182 | 0.0 | 1.8 | 2.8# |

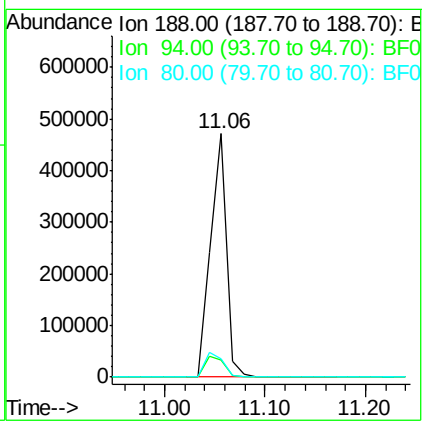


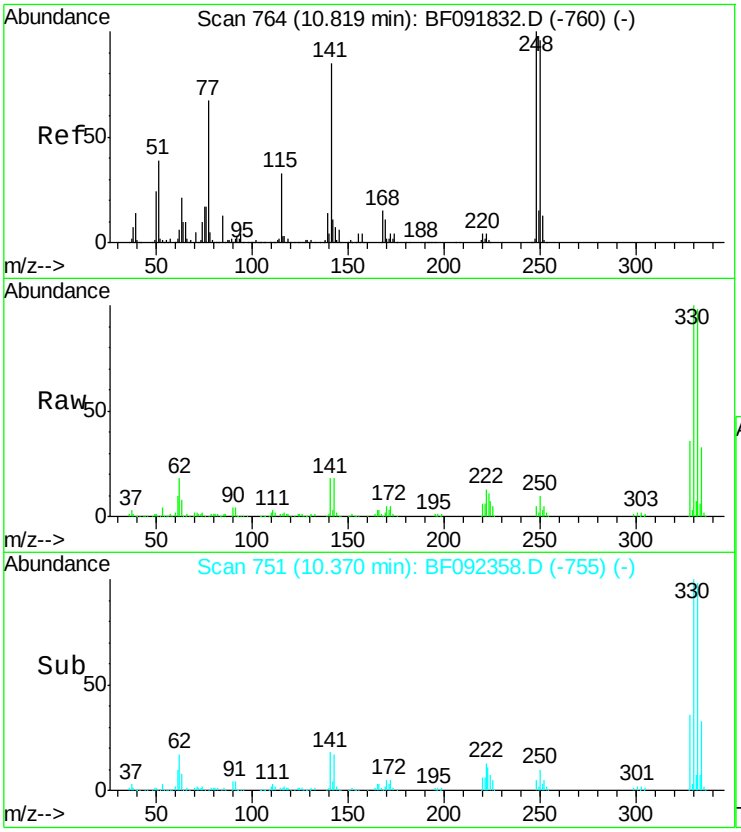




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:188 Resp: 517728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 10.0 | 15.0# |
| 80 | 7.6 | 11.2 | 16.8# |



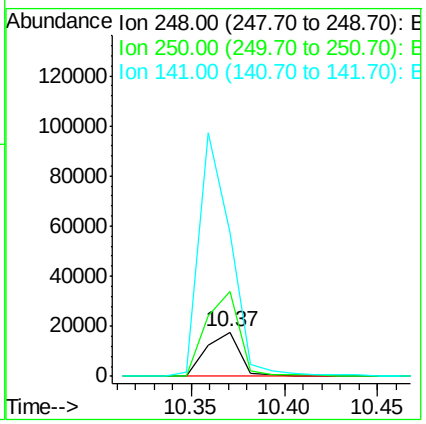


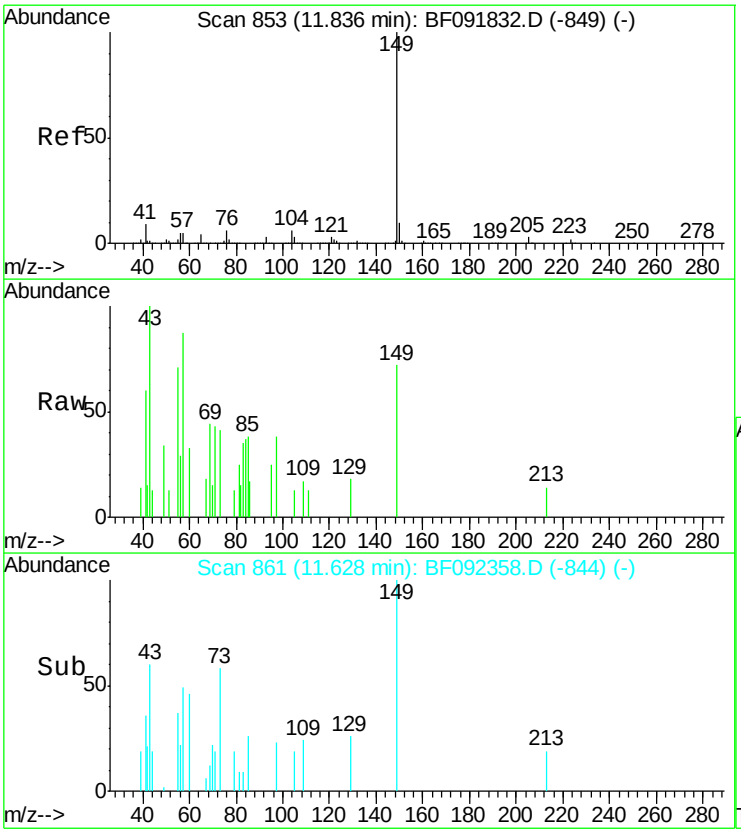

#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.34 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:248 Resp: 21898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 191.2 | 76.9 | 115.3# |
| 141 | 324.4 | 68.2 | 102.4# |

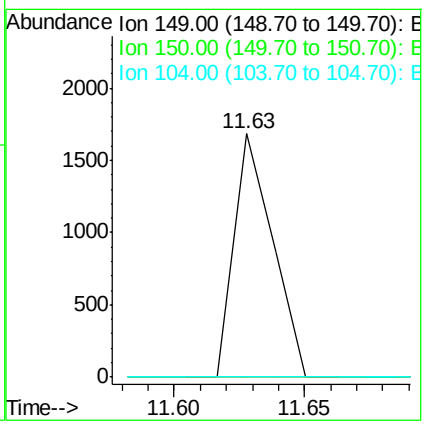


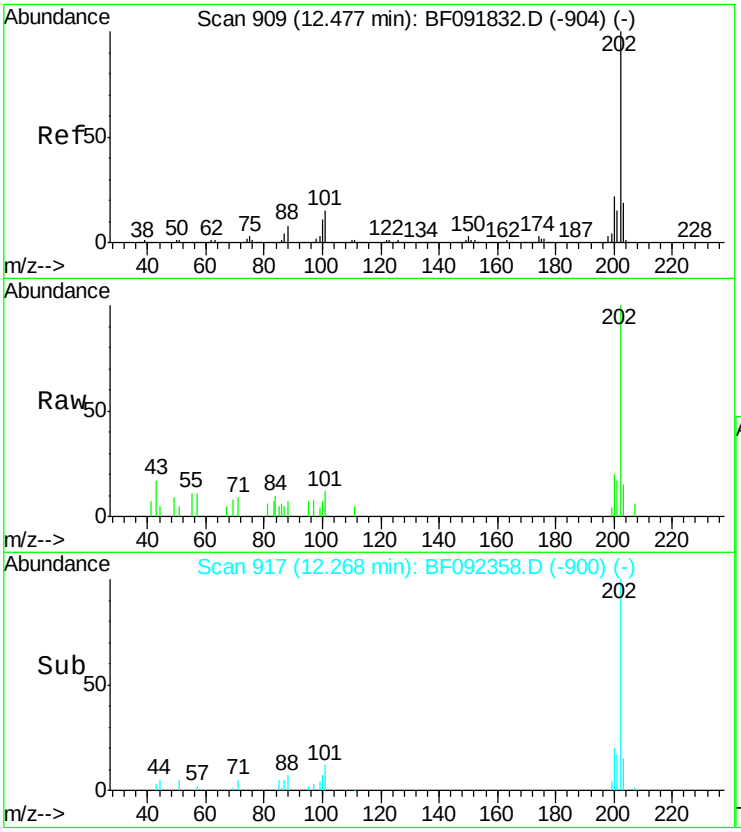




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.63 min Scan# 861
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:149 Resp: 1746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 8.1 | 12.1# |
| 104 | 0.0 | 4.6 | 7.0# |



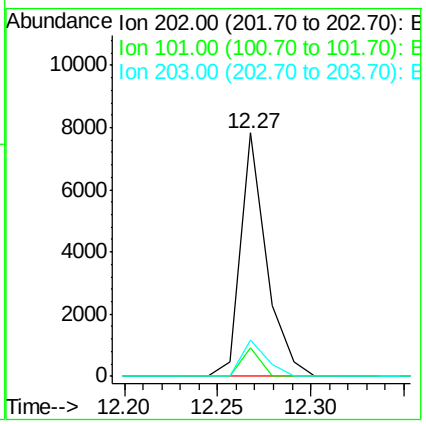


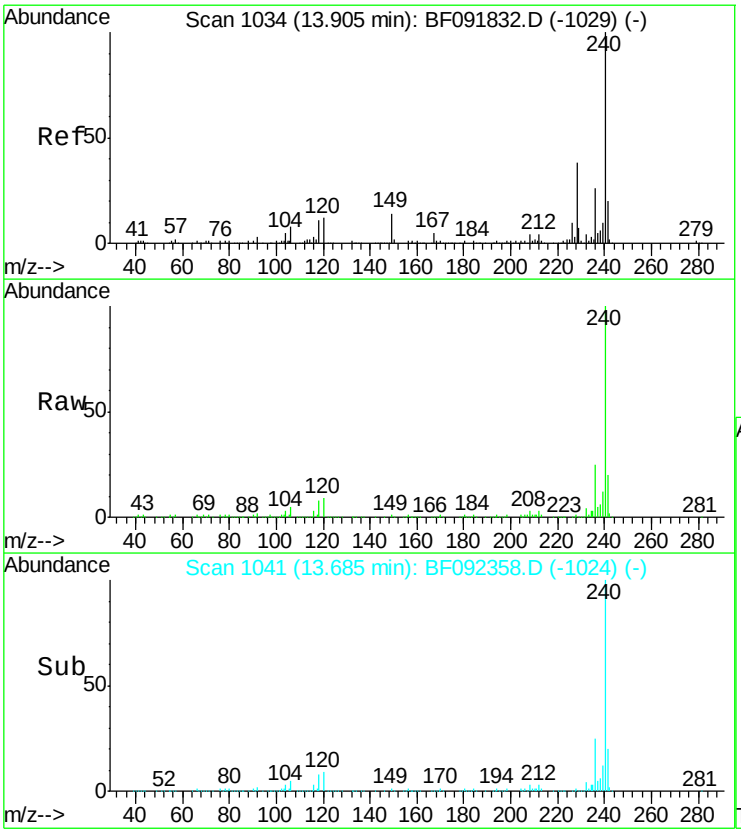

#74
Fluoranthene
Concen: Below Cal
RT: 12.27 min Scan# 917
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:202 Resp: 7568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.8 | 0.0 | 34.6 |
| 203 | 15.0 | 0.0 | 38.7 |

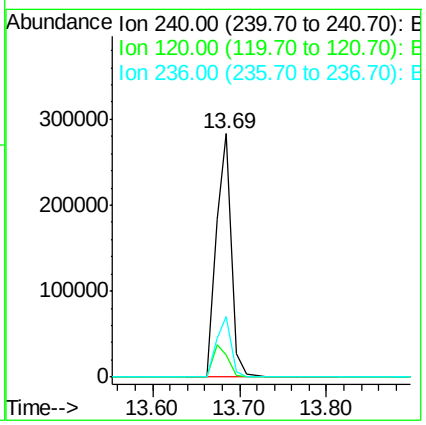


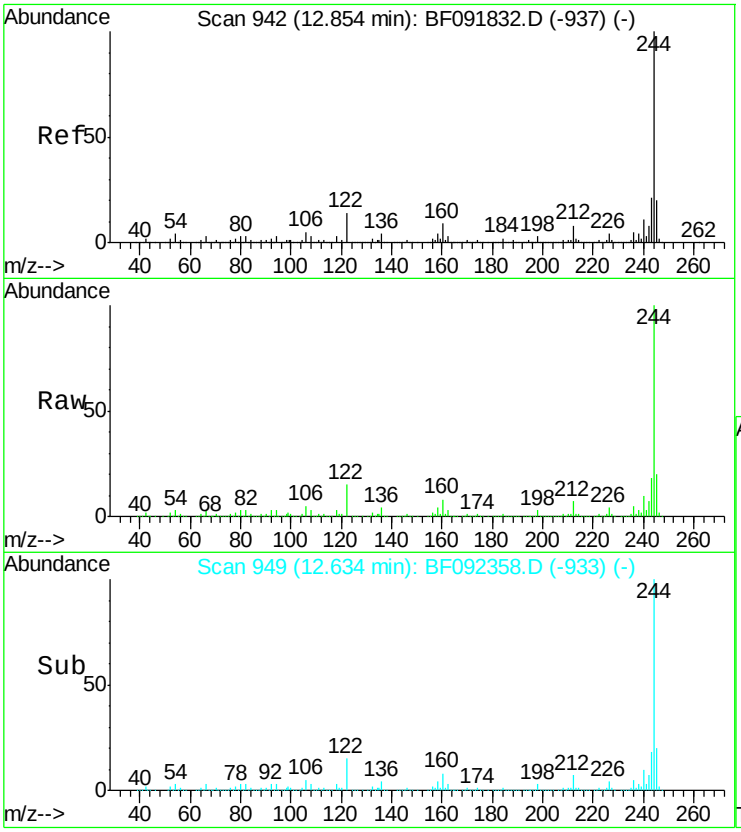




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:240 Resp: 345633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 12.9 | 19.3# |
| 236 | 24.7 | 20.9 | 31.3 |



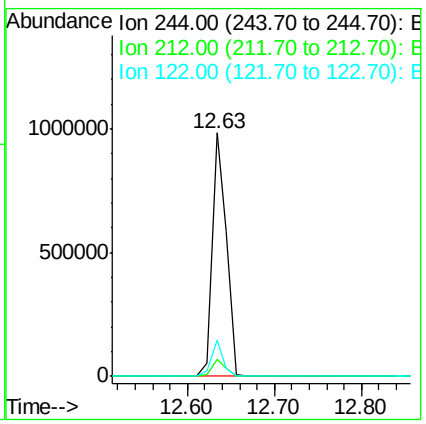


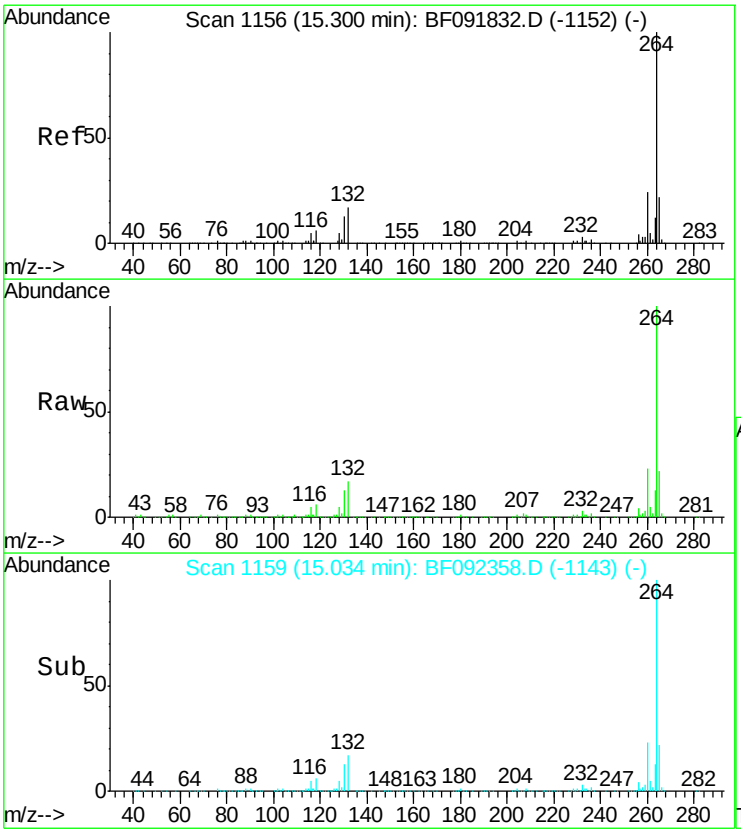

#78
Terphenyl-d14
Concen: 78.85 ng
RT: 12.63 min Scan# 949
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

**Instrument :**
BNA_F
**ClientSampleId :**
MH-0-12FT-COMP

Tgt Ion:244 Resp: 1123766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.2 | 9.2 |
| 122 | 15.0 | 11.4 | 17.2 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1159
Delta R.T. -0.11 min
Lab File: BF092358.D
Acq: 18 Jan 2017 18:32

Tgt Ion:264 Resp: 375582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 19.2 | 28.8 |
| 265 | 21.7 | 17.4 | 26.0 |