Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099988.D
Acq On : 31 Oct 2017 4:36
Operator : SJ/JU
Sample : I6083-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 31 05:02:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 82353 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 324188 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 143894 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 249381 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.97 | 240 | 157835 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.46 | 264 | 145328 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 226347 | 43.15 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 174016 | 27.98 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 451405 | 89.64 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 119575 | 91.19 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 889063 | 95.33 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.90 | 244 | 773022 | 107.03 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.45 | 94 | 15956 | 2.337 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 56633 | 15.538 | ng | # | 71 |
| 25) Isophorone | 7.36 | 82 | 451405 | 49.403 | ng | # | 64 |
| 50) 2,6-Dinitrotoluene | 9.82 | 165 | 18788 | 7.843 | ng | # | 24 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 18788 | 6.512 | ng | # | 21 |
| 62) Azobenzene | 10.54 | 77 | 24911 | 2.670 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 7408 | 2.822 | ng | # | 1 |

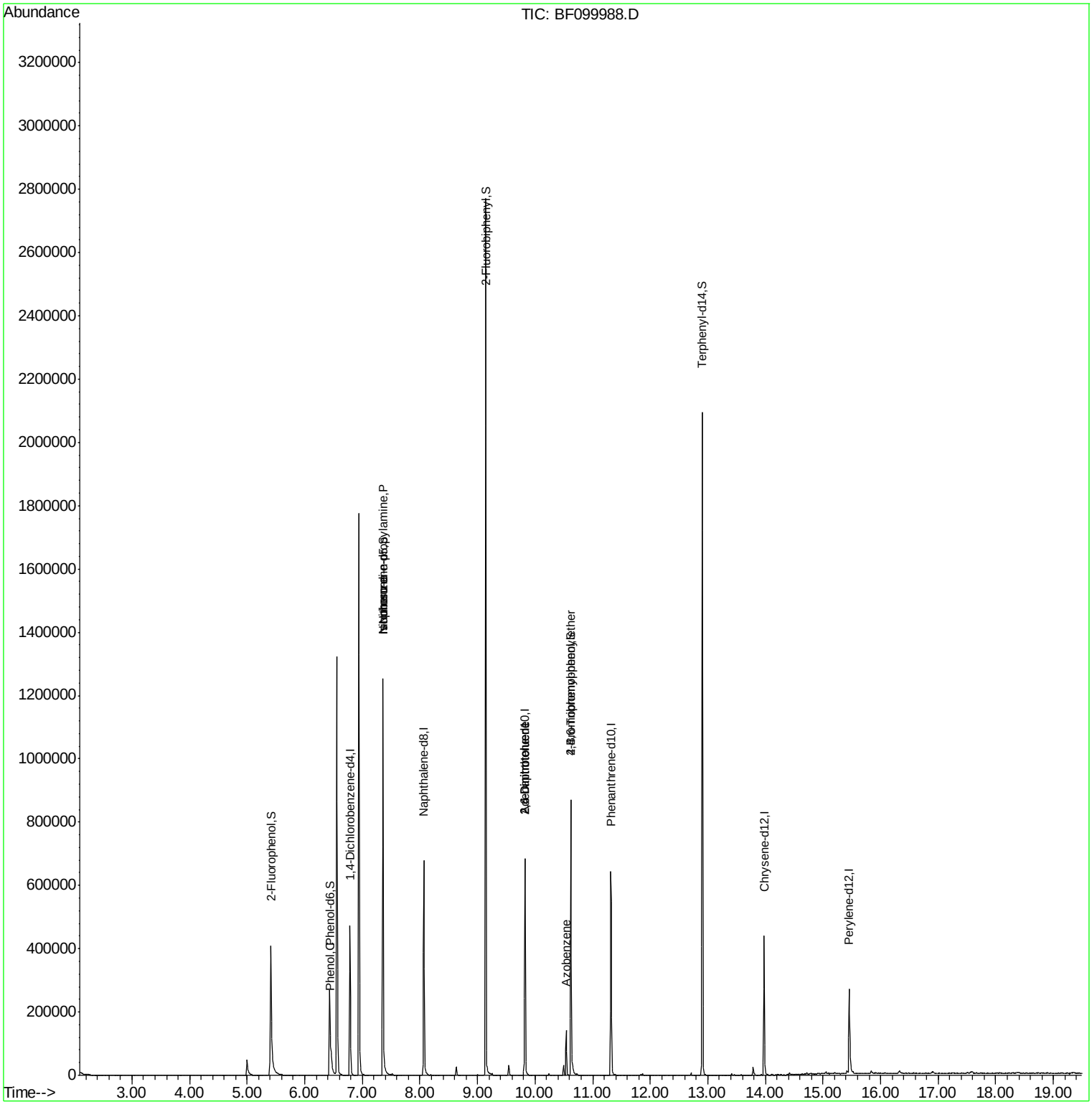
(#) = qualifier out of range (m) = manual integration (+) = signals summed

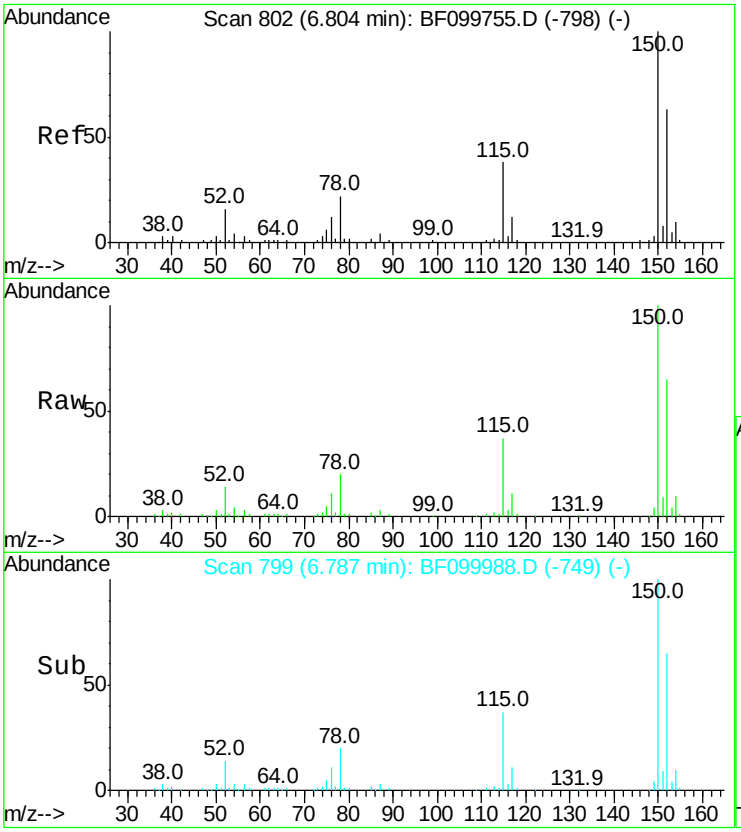
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099988.D
Acq On : 31 Oct 2017 4:36
Operator : SJ/JU
Sample : I6083-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 31 05:02:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



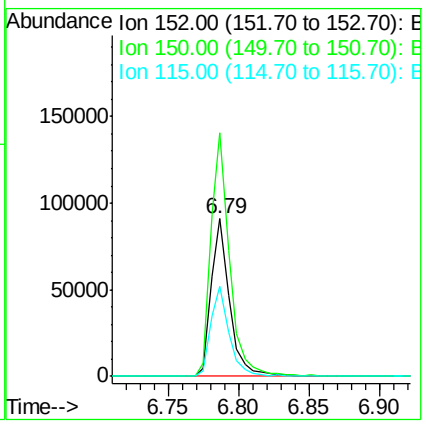


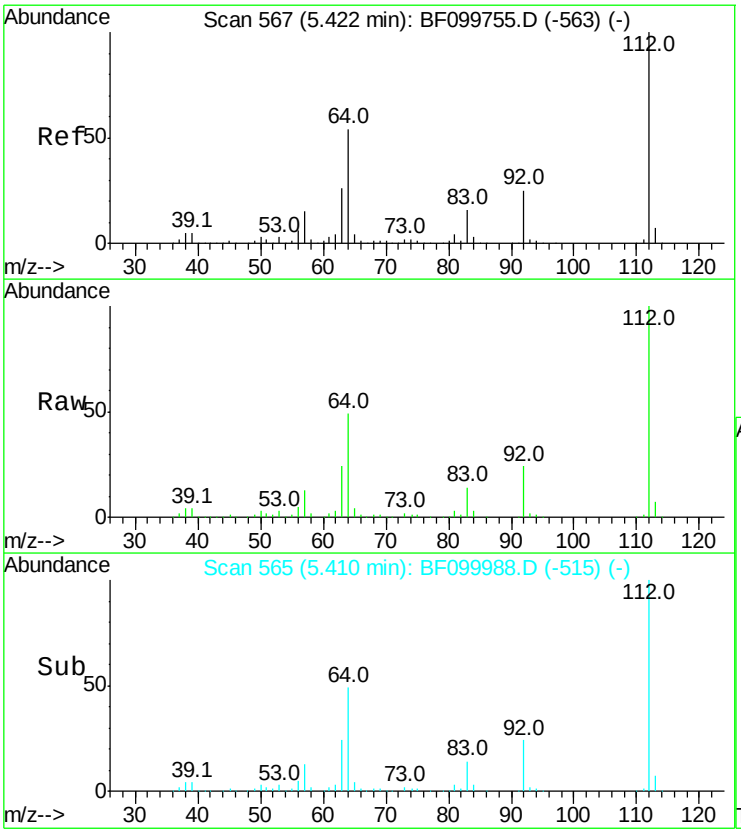

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:152 Resp: 82353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 124.6 | 186.8 |
| 115 | 57.1 | 50.1 | 75.1 |

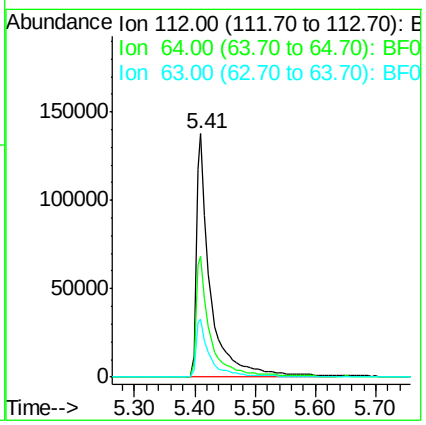


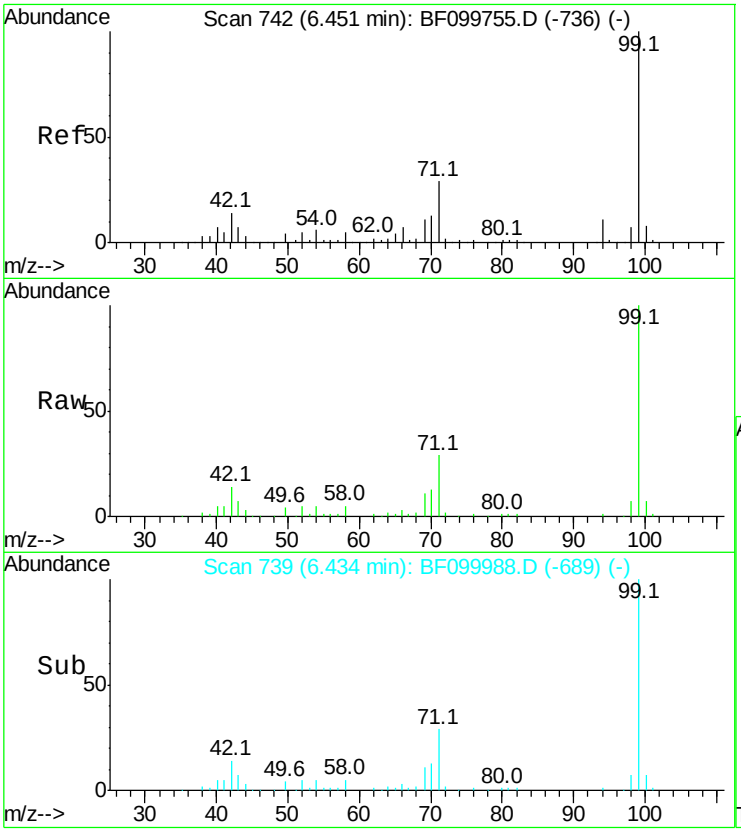




#5
2-Fluorophenol
Concen: 43.150 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:112 Resp: 226347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.4 | 47.9 | 71.9 |
| 63 | 24.1 | 23.7 | 35.5 |



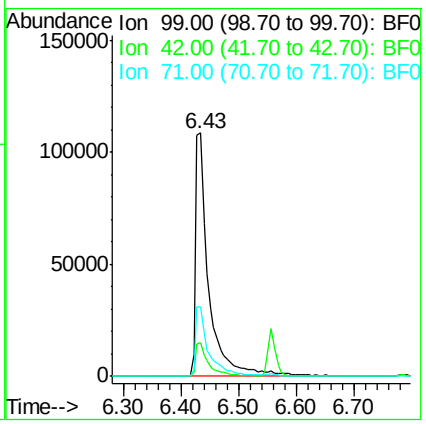


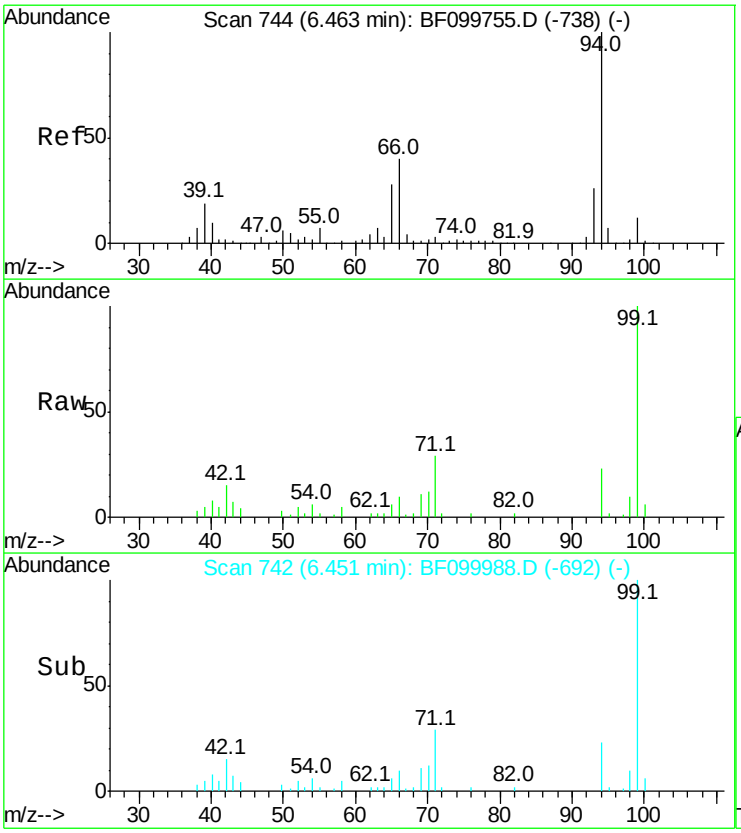

#7
Phenol-d6
Concen: 27.978 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion: 99 Resp: 174016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.9 | 14.5 | 21.7# |
| 71 | 28.7 | 25.4 | 38.0 |

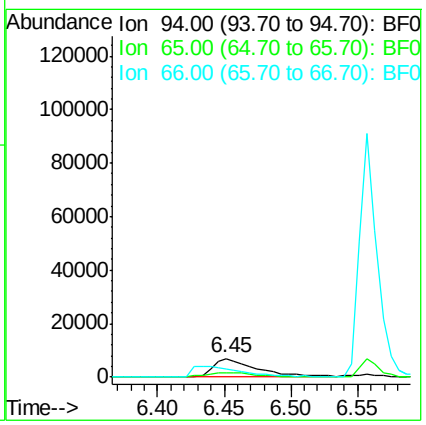


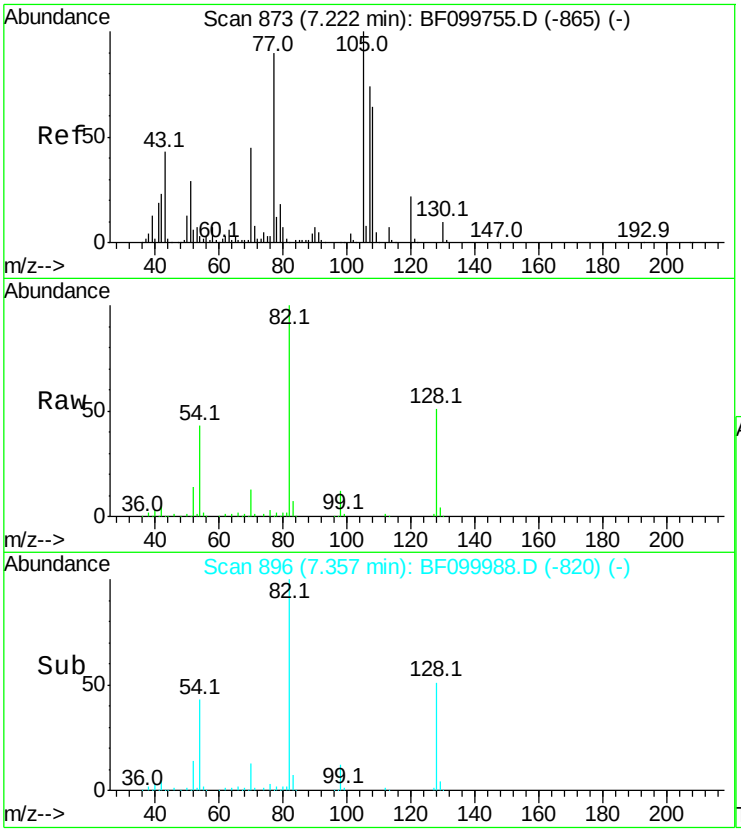




#10
Phenol
Concen: 2.337 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion: 94 Resp: 15956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.1 | 7.9 | 47.9 |
| 66 | 43.3 | 16.2 | 56.2 |



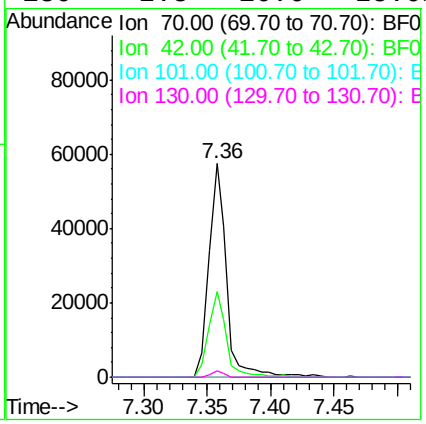


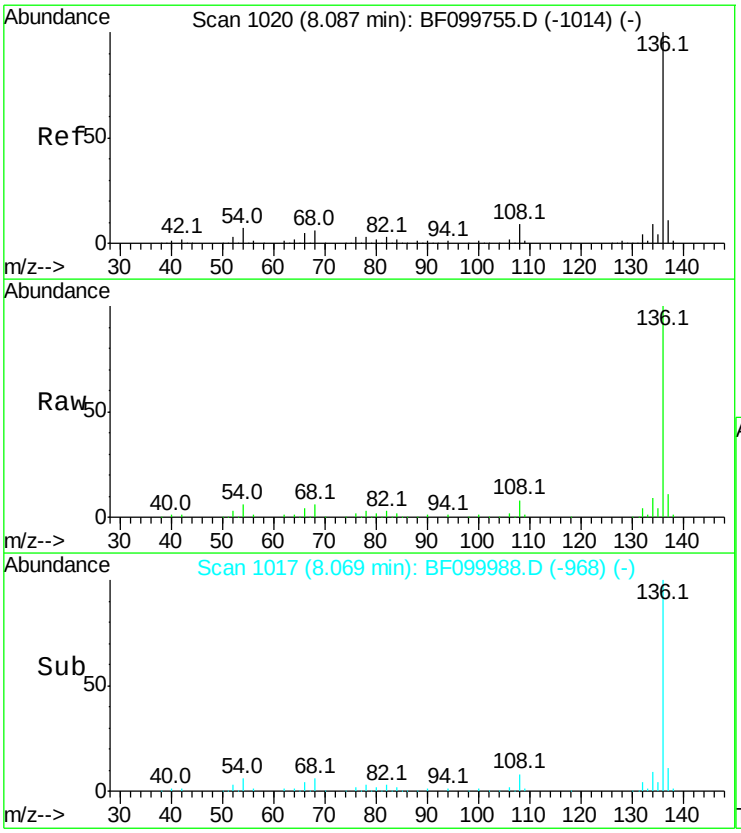

#19
n-Nitroso-di-n-propylamine
Concen: 15.538 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion: 70 Resp: 56633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 39.9 | 47.5 | 71.3# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.8 | 16.6 | 25.0# |

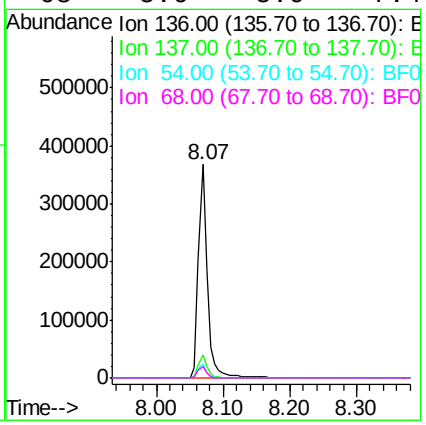


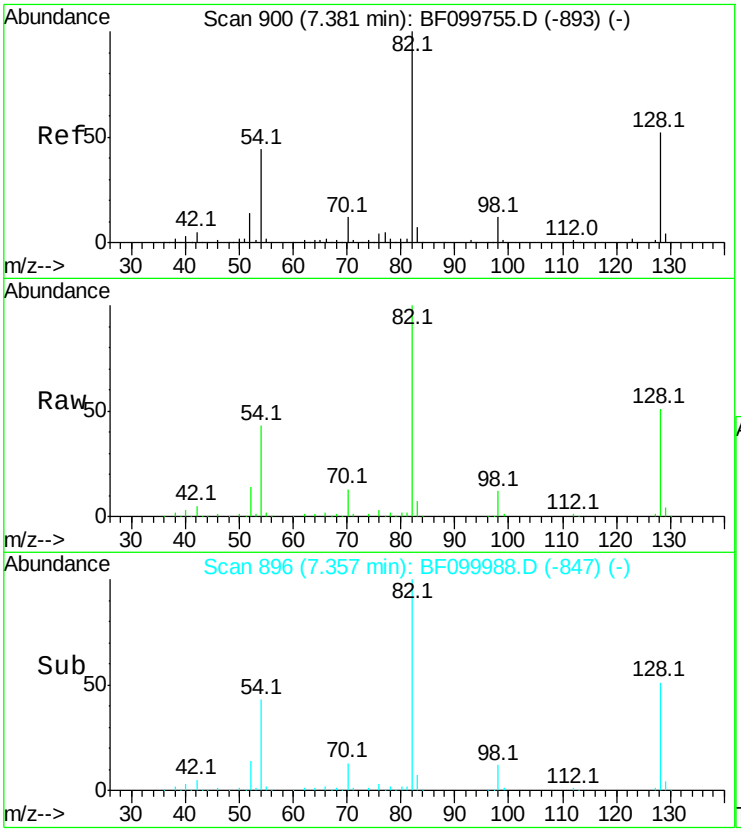




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:136 Resp: 324188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 6.5 | 6.6 | 9.8# |
| 68 | 5.6 | 5.0 | 7.4 |

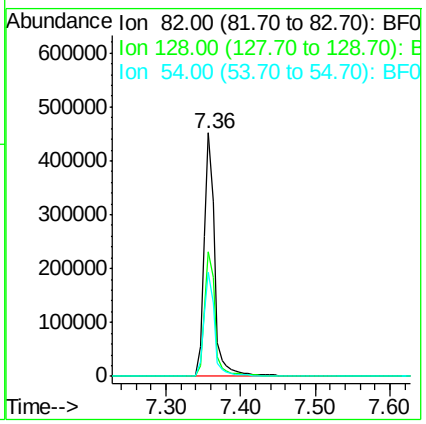




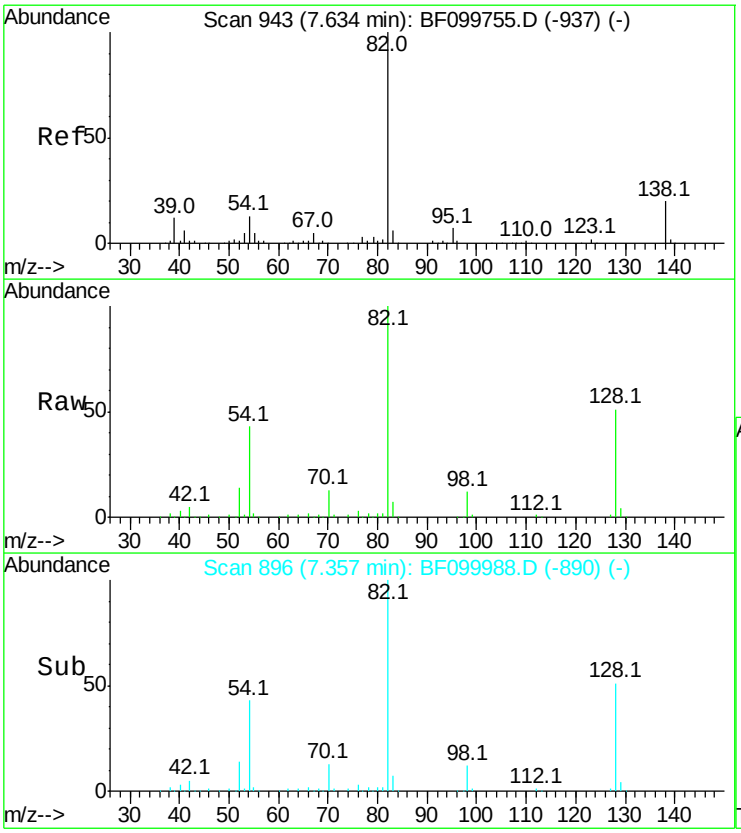

#23
Nitrobenzene-d5
Concen: 89.645 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion: 82 Resp: 451405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.1 | 36.1 | 54.1 |
| 54 | 42.8 | 41.4 | 62.2 |



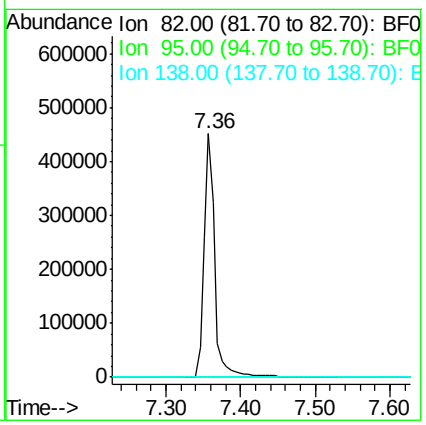

**Instrument :**
BNA_F
**ClientSampleId :**

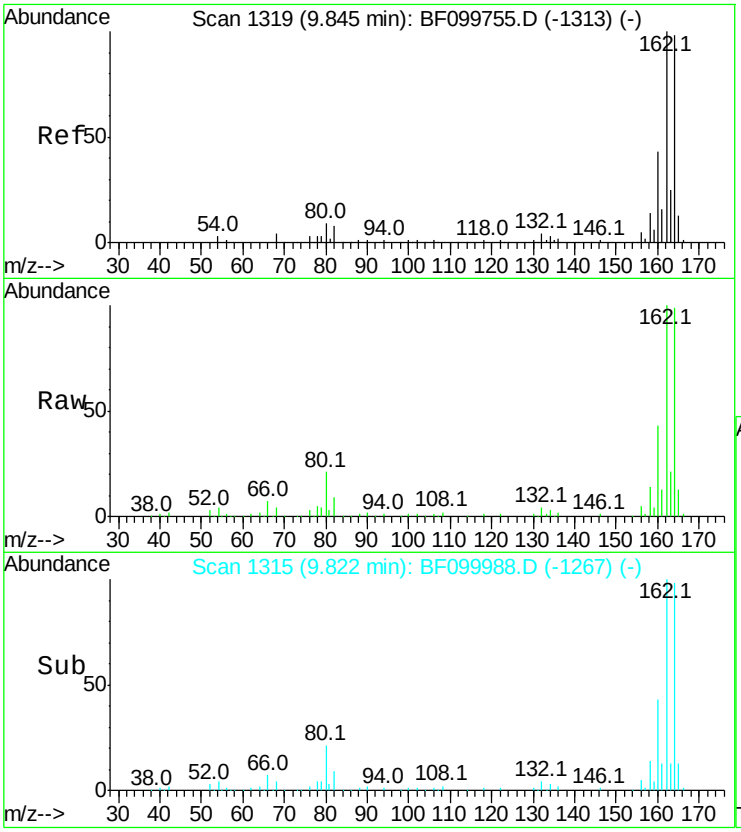



#25
Isophorone
Concen: 49.403 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion: 82 Resp: 451405

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



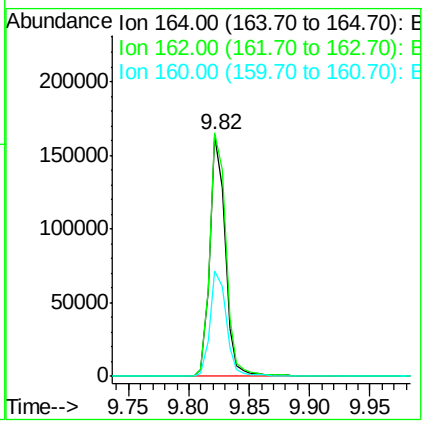


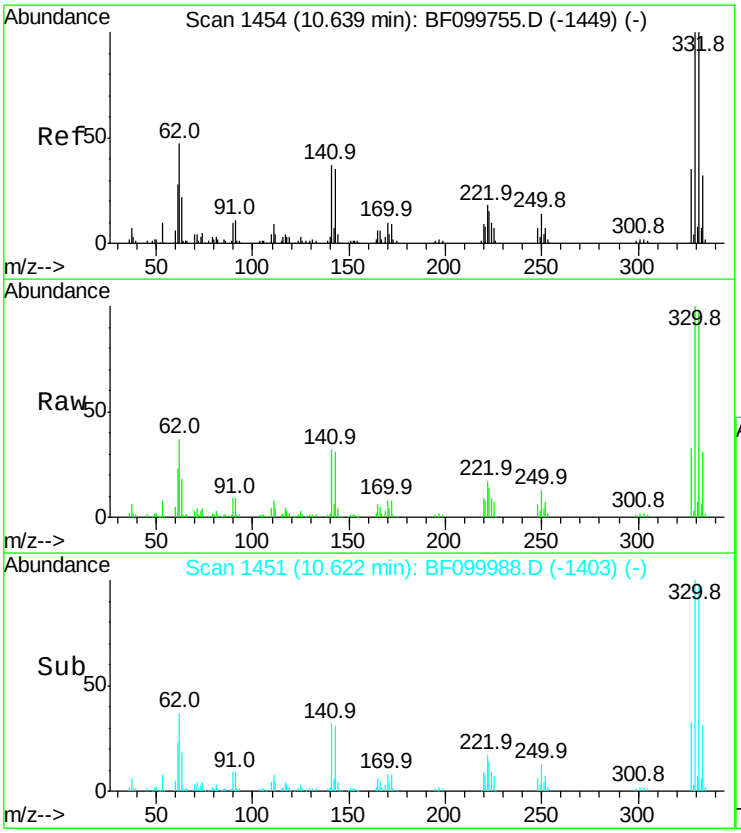

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:164 Resp: 143894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 86.1 | 129.1 |
| 160 | 43.6 | 38.3 | 57.5 |

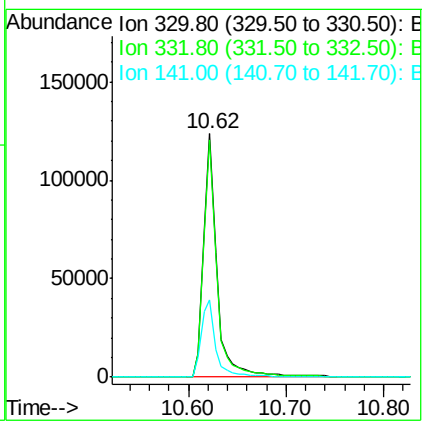


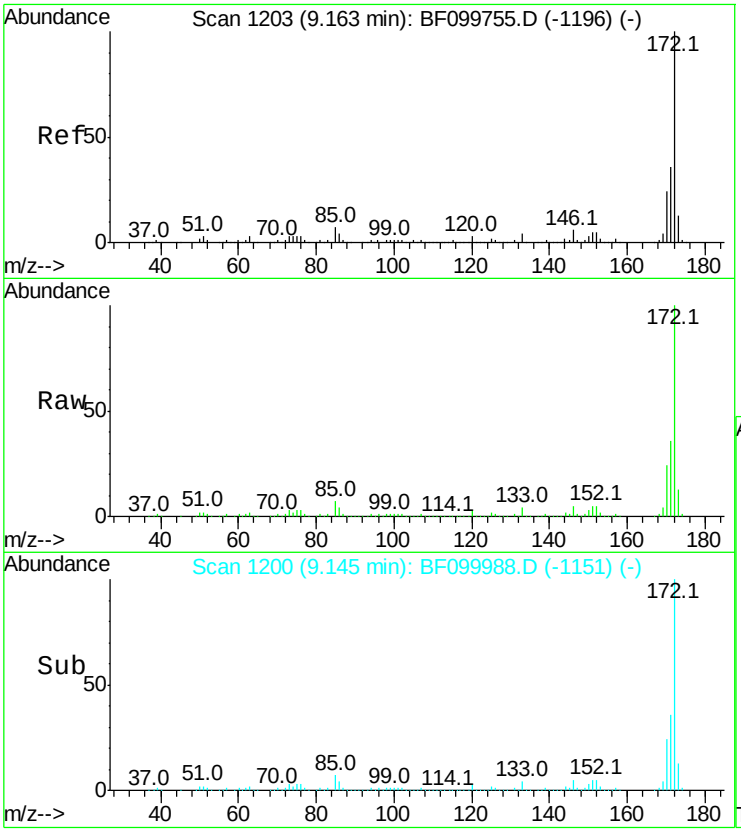




#41
2,4,6-Tribromophenol
Concen: 91.186 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:330 Resp: 119575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.0 | 115.6 |
| 141 | 34.0 | 29.9 | 44.9 |



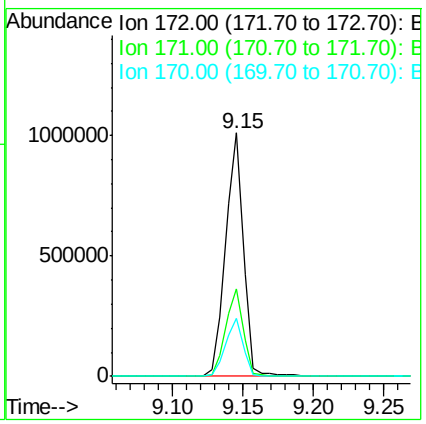


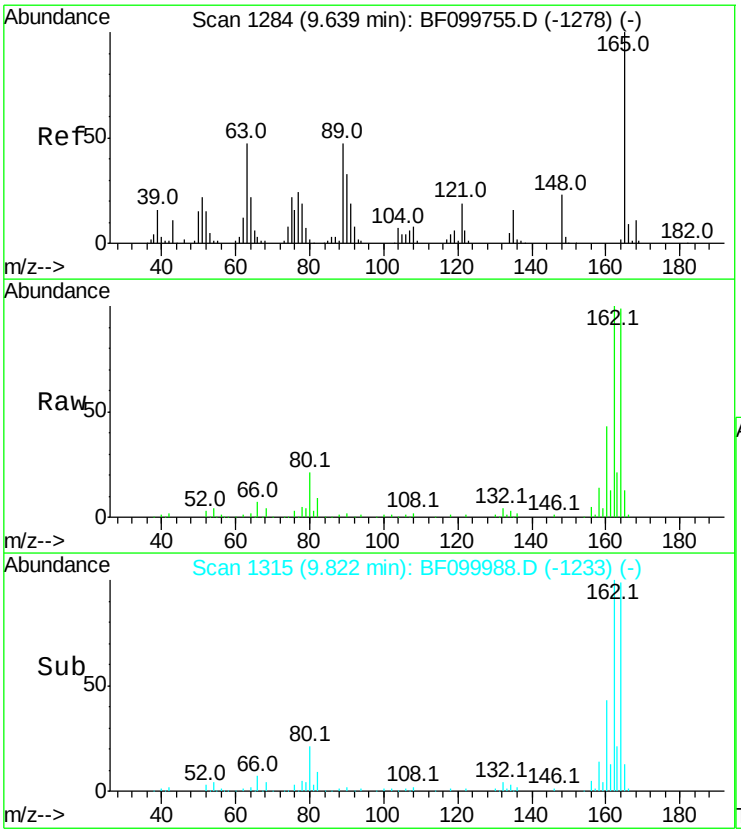

#44
2-Fluorobiphenyl
Concen: 95.326 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:172 Resp: 889063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 23.6 | 19.6 | 29.4 |

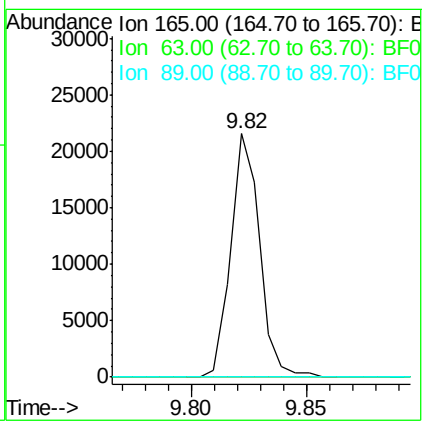


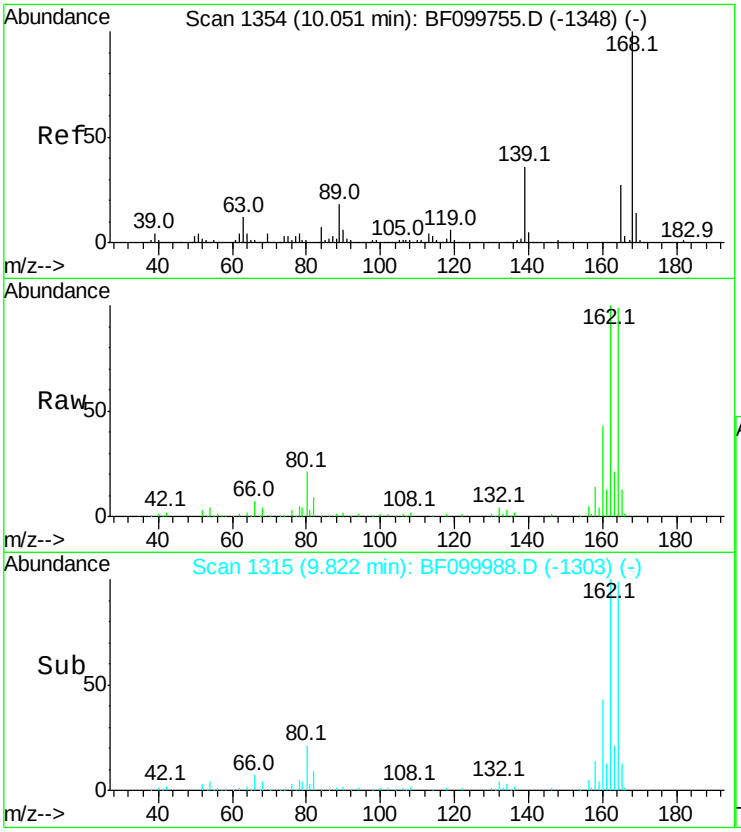




#50
2,6-Dinitrotoluene
Concen: 7.843 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:165 Resp: 18788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.7 | 67.1# |
| 89 | 0.0 | 44.0 | 66.0# |



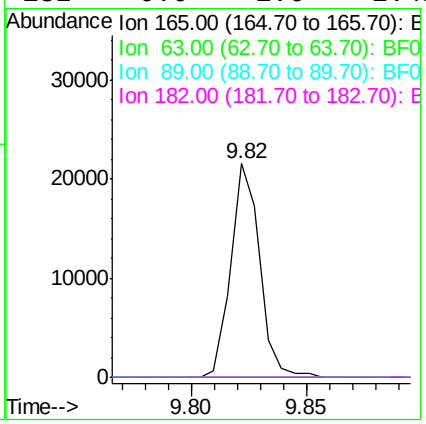


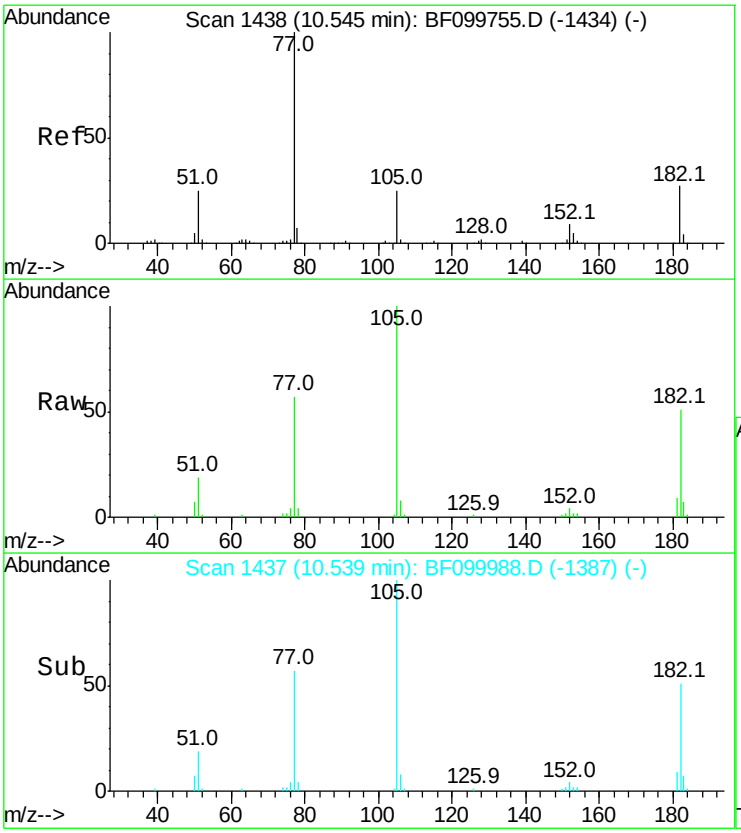

#56
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:165 Resp: 18788

| 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# |

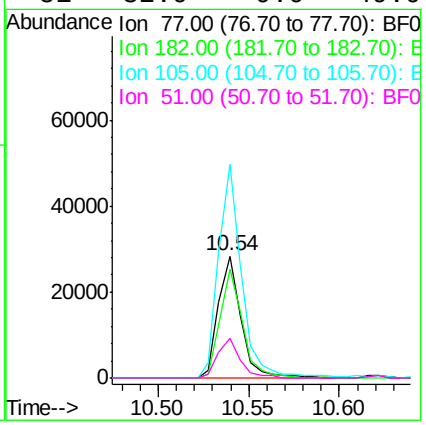


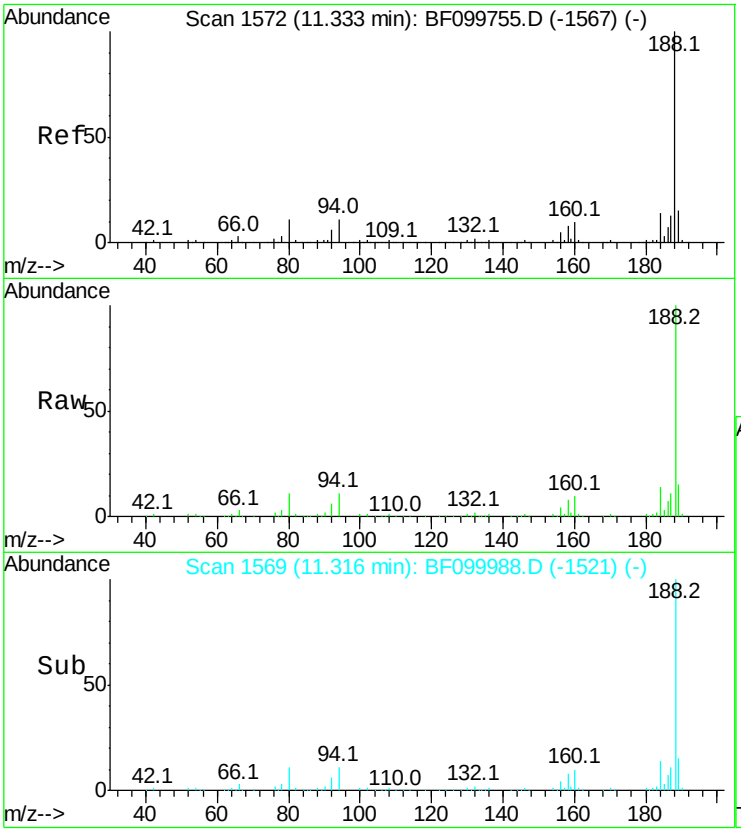




#62
Azobenzene
Concen: 2.670 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion: 77 Resp: 24911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 89.3 | 1.7 | 41.7# |
| 105 | 175.6 | 3.0 | 43.0# |
| 51 | 32.9 | 9.9 | 49.9 |



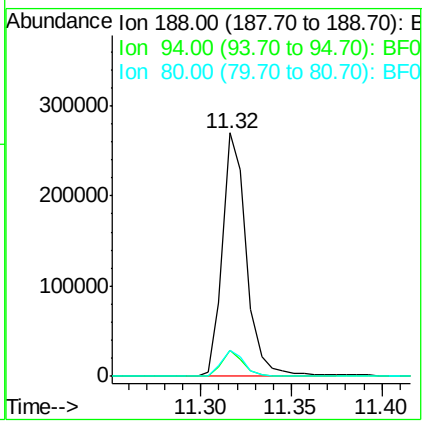


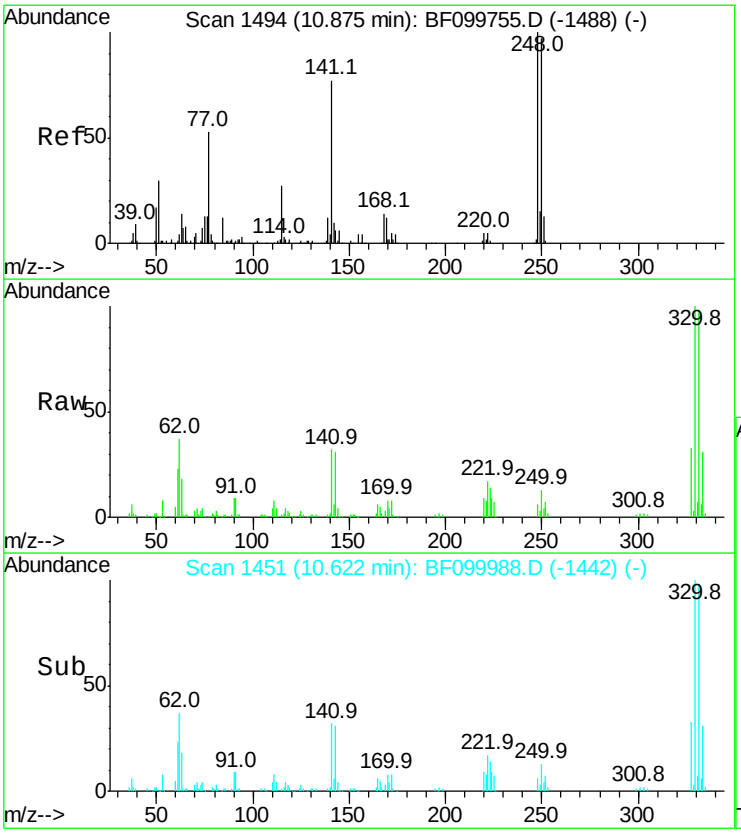

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:188 Resp: 249381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 8.5 | 12.7 |
| 80 | 10.6 | 9.2 | 13.8 |

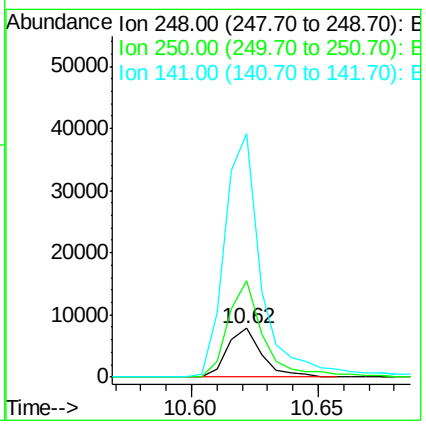


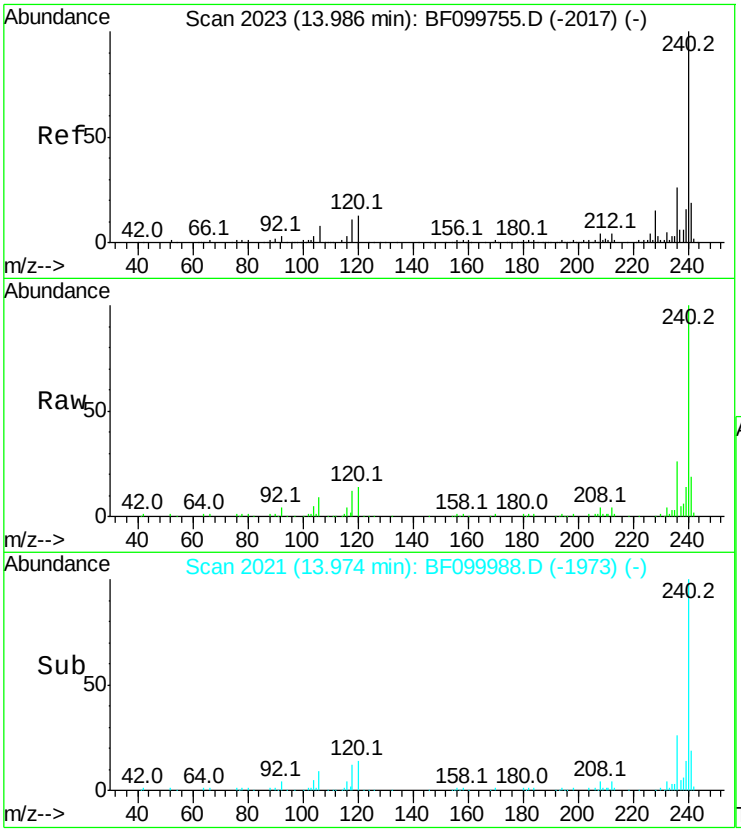




#66
4-Bromophenyl-phenylether
Concen: 2.822 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:248 Resp: 7408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 197.3 | 76.9 | 115.3# |
| 141 | 499.7 | 74.4 | 111.6# |



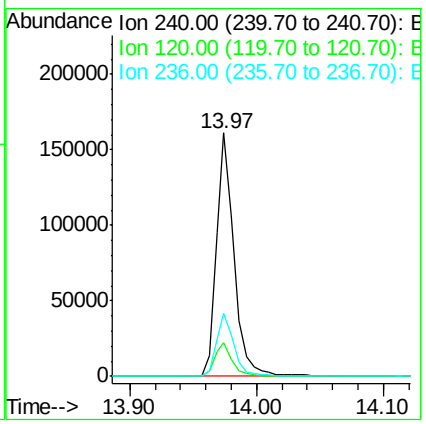


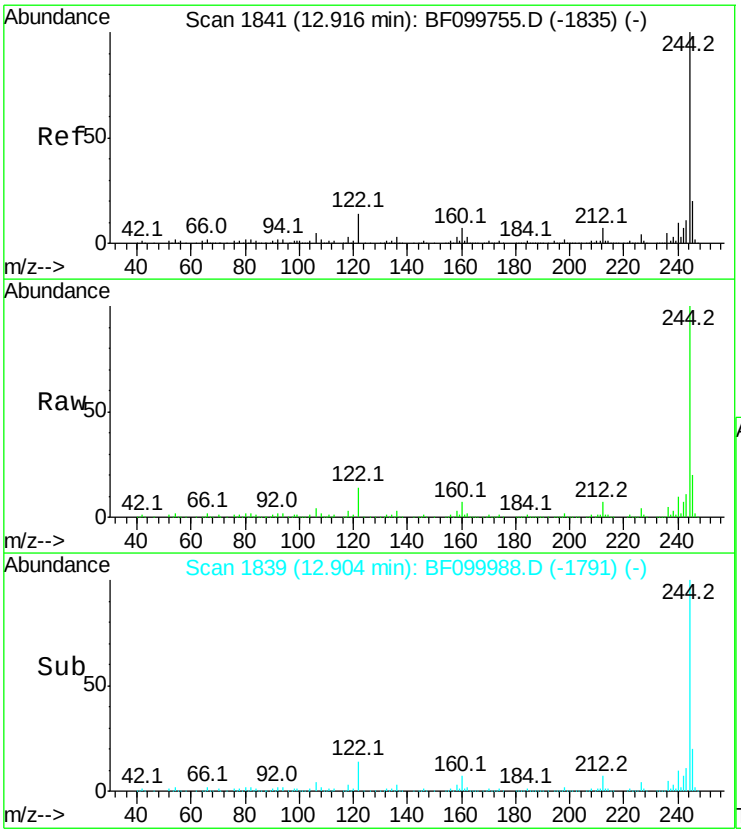

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:240 Resp: 157835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 9.5 | 14.3 |
| 236 | 26.0 | 20.7 | 31.1 |

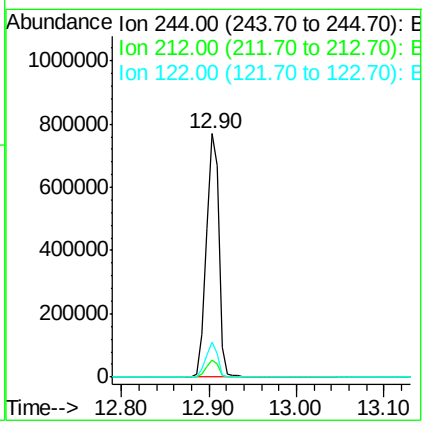


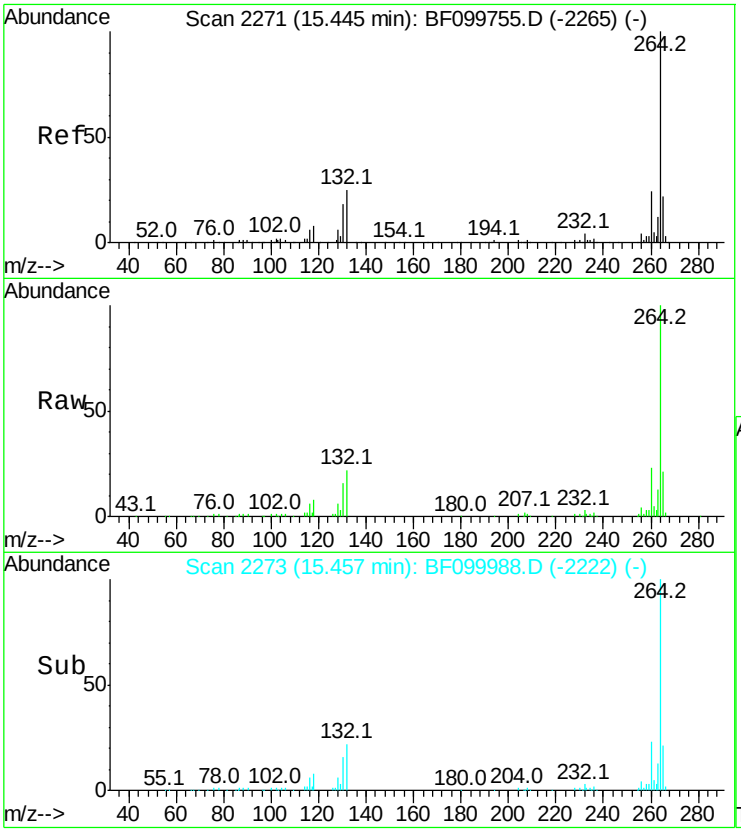




#78
Terphenyl-d14
Concen: 107.032 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

Tgt Ion:244 Resp: 773022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 14.3 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tgt Ion:264 Resp: 145328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |