Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085949.D
Acq On : 1 Apr 2016 1:37
Operator : UM/SJ
Sample : H2010-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** AMBOY-SB25COMP0.5-15.0

Quant Time: Apr 01 01:28:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 106328 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.07 | 136 | 410564 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 183518 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 306374 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.95 | 240 | 194390 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.36 | 264 | 192479 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 830871 | 130.14 | ng | | 0.00 |
| 7) Phenol-d6 | 6.44 | 99 | 1089526 | 134.22 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 676565 | 92.80 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 222852 | 127.81 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 1090180 | 99.25 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.89 | 244 | 685310 | 72.50 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.56 | 77 | 19151 | 3.92 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 87848 | 18.07 | ng | # | 74 |
| 25) Isophorone | 7.36 | 82 | 669633 | 47.68 | ng | # | 68 |
| 49) Dimethylphthalate | 9.54 | 163 | 181230 | 13.02 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.83 | 165 | 23410 | 6.15 | ng | # | 36 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 15410 | 4.92 | ng | # | 1 |

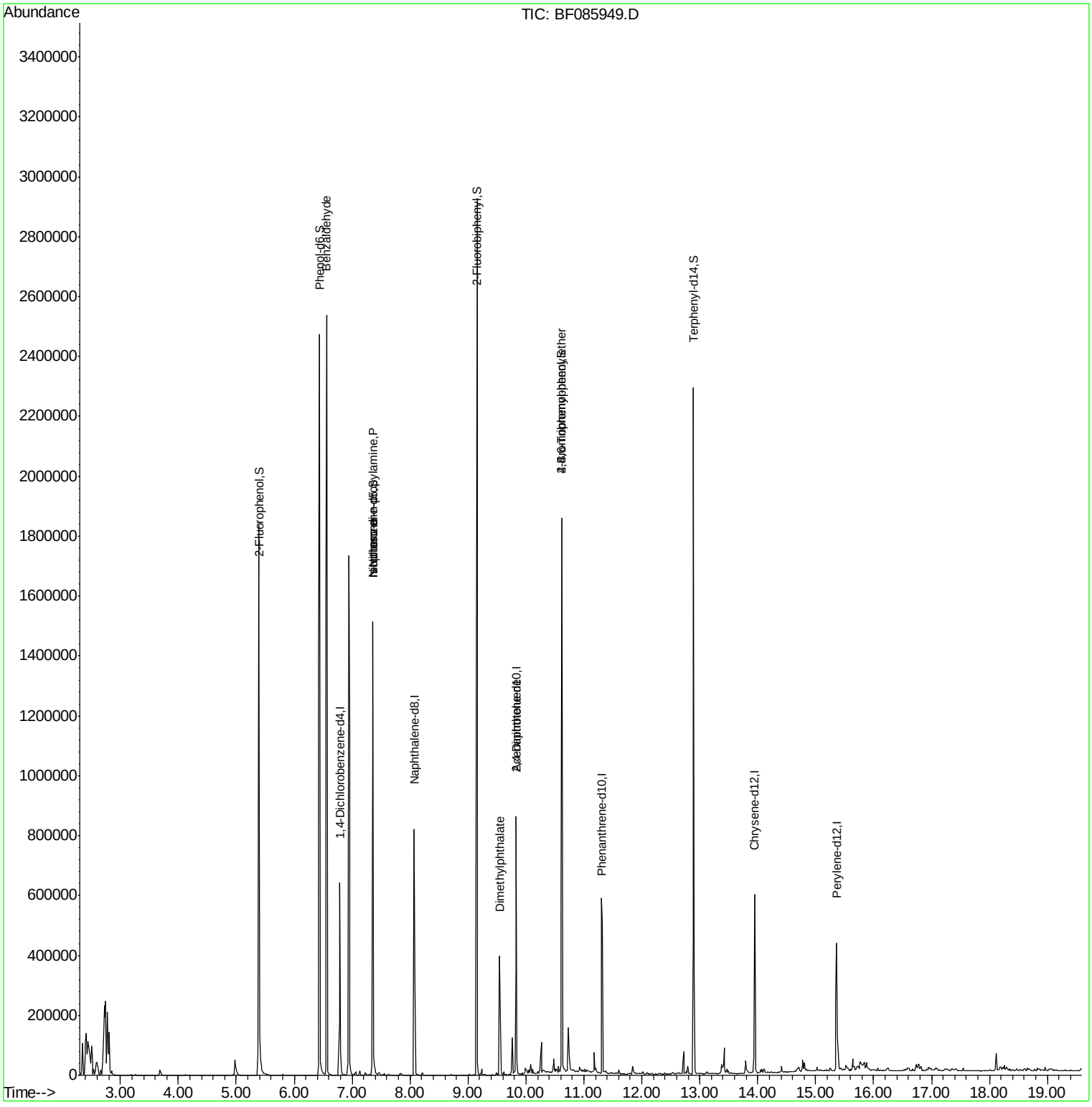
(#) = qualifier out of range (m) = manual integration (+) = signals summed

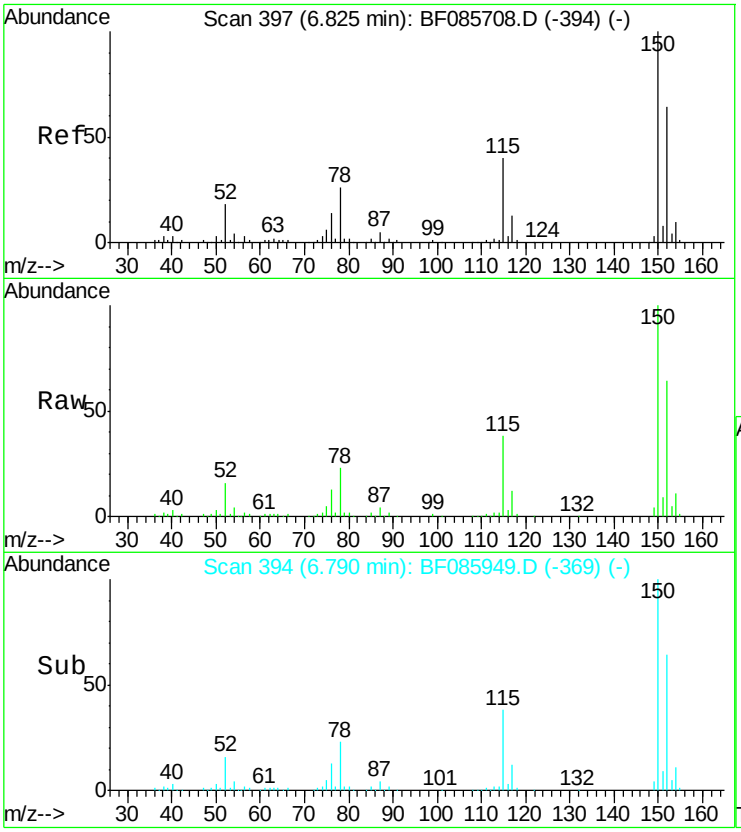
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085949.D
Acq On : 1 Apr 2016 1:37
Operator : UM/SJ
Sample : H2010-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Quant Time: Apr 01 01:28:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



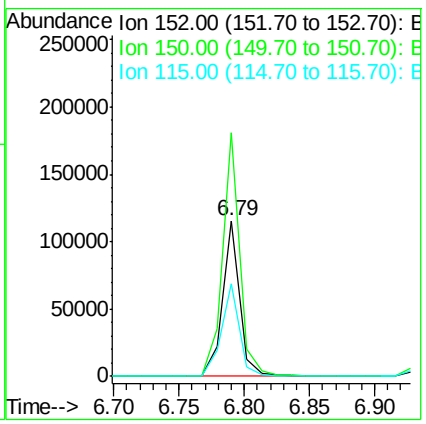


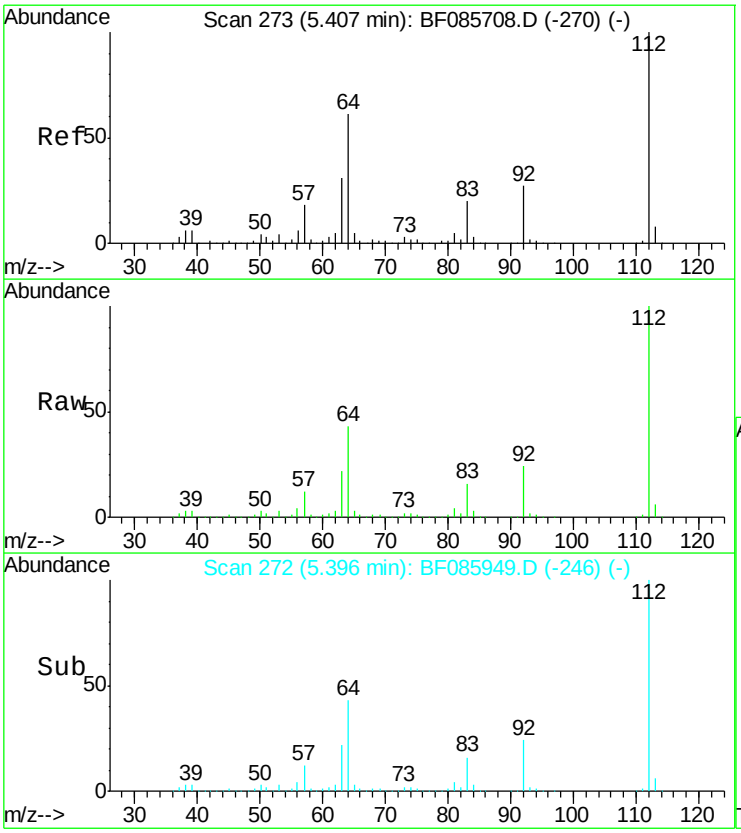

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion:152 Resp: 106328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 124.2 | 186.2 |
| 115 | 59.3 | 47.0 | 70.6 |

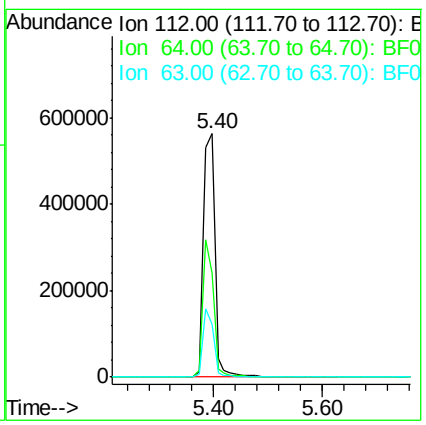


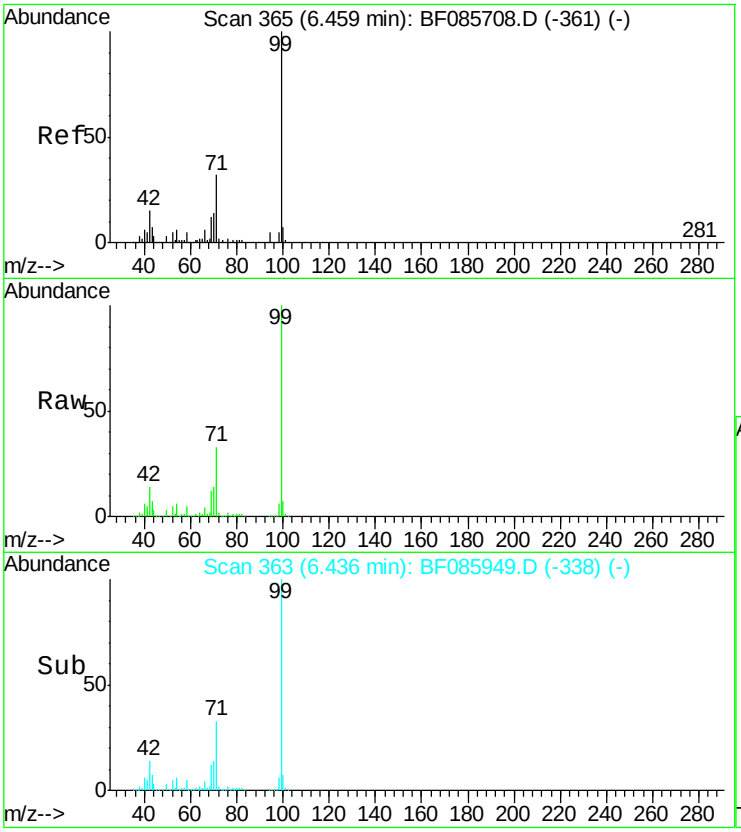




#5
2-Fluorophenol
Concen: 130.14 ng
RT: 5.40 min Scan# 272
Delta R.T. 0.00 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:112 Resp: 830871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 42.8 | 39.9 | 59.9 |
| 63 | 21.6 | 20.2 | 30.2 |



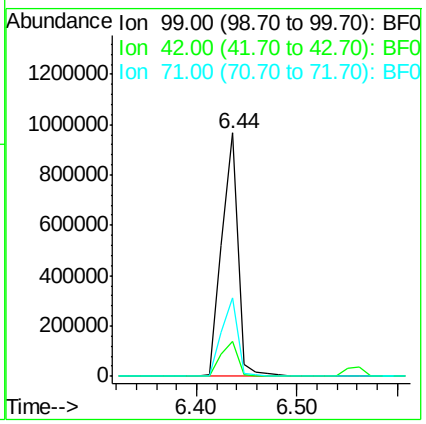


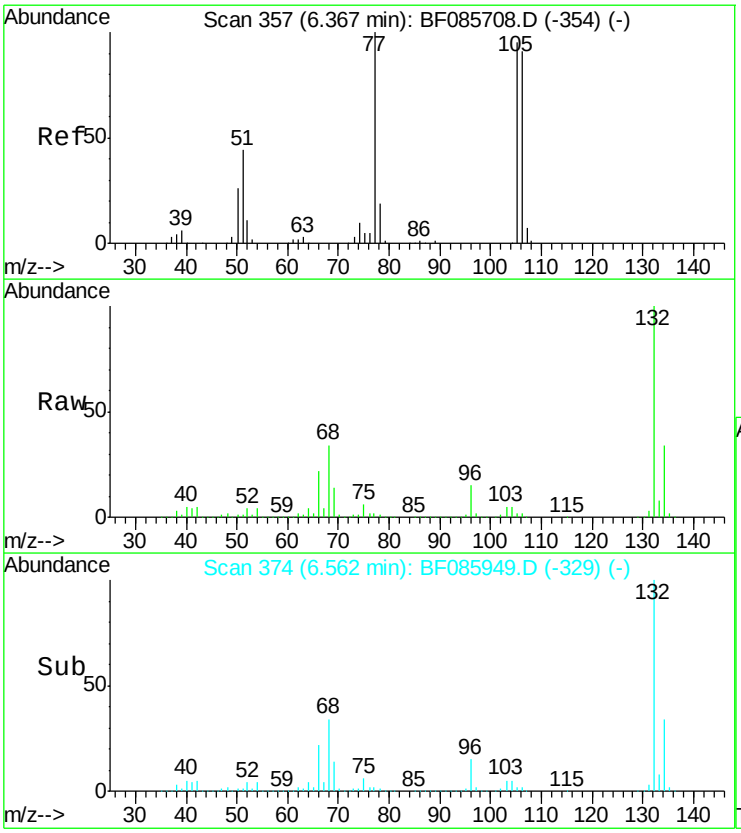

#7
Phenol-d6
Concen: 134.22 ng
RT: 6.44 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion: 99 Resp: 1089526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.4 | 11.1 | 16.7 |
| 71 | 32.5 | 24.9 | 37.3 |

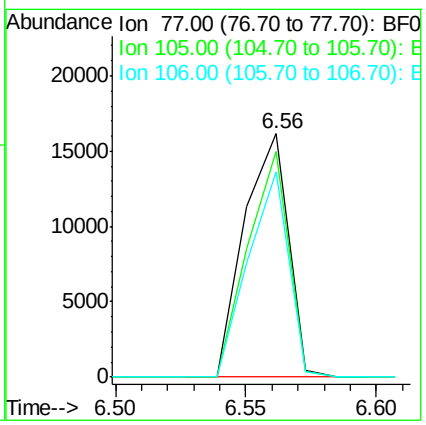


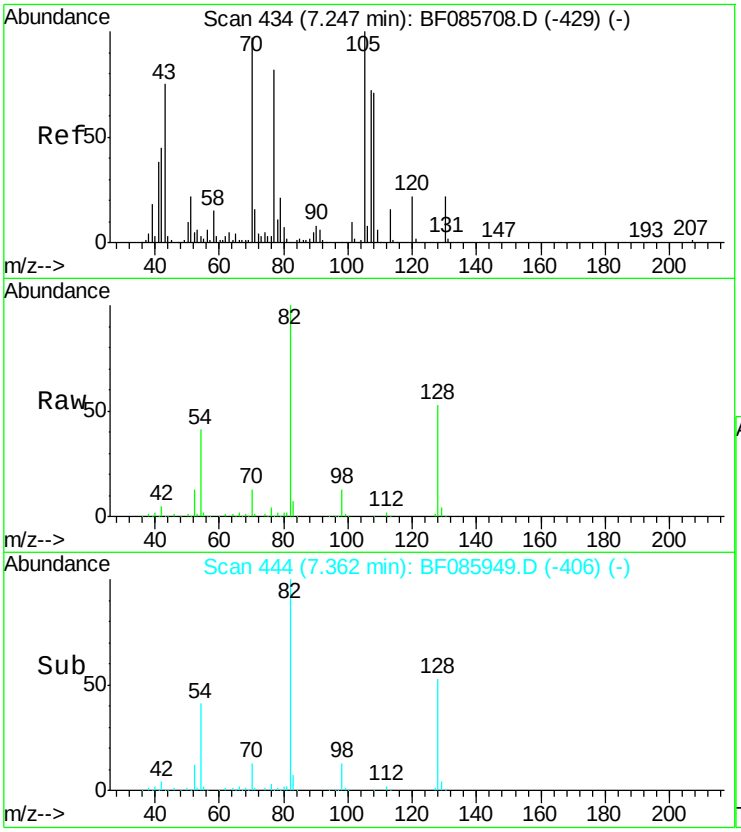




#9
Benzaldehyde
Concen: 3.92 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.22 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion: 77 Resp: 19151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 92.4 | 80.1 | 120.1 |
| 106 | 84.4 | 75.0 | 115.0 |



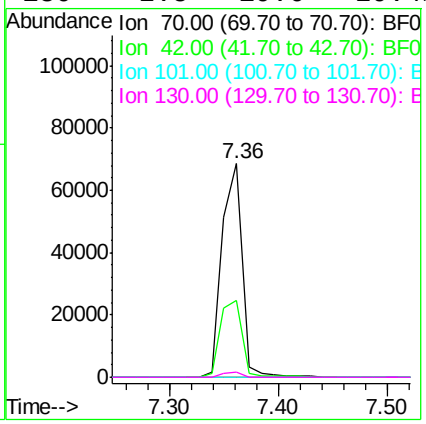


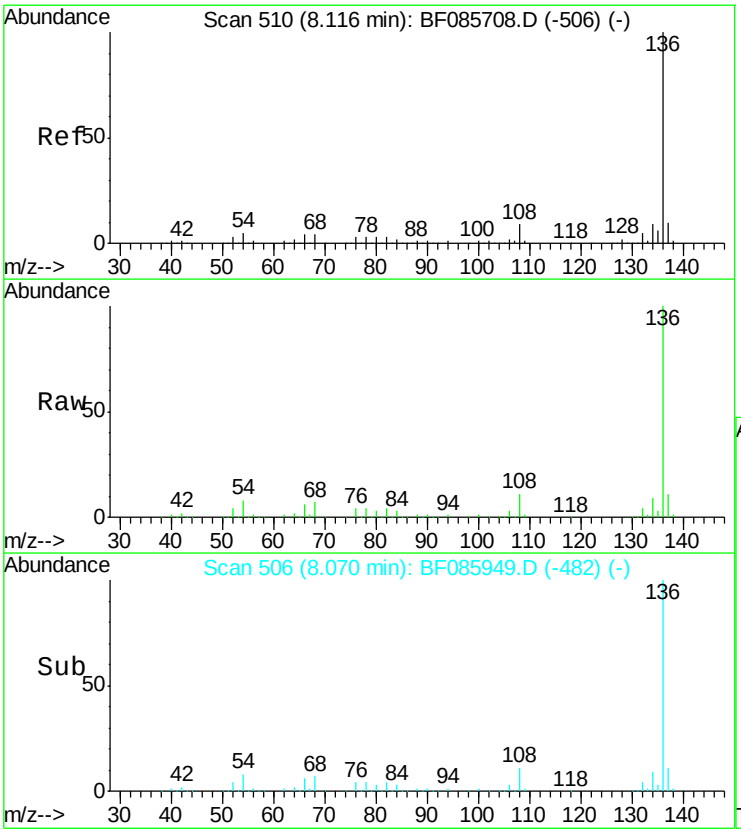

#19
n-Nitroso-di-n-propylamine
Concen: 18.07 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion: 70 Resp: 87848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 35.7 | 37.1 | 55.7# |
| 101 | 0.0 | 8.6 | 12.8# |
| 130 | 2.5 | 19.6 | 29.4# |

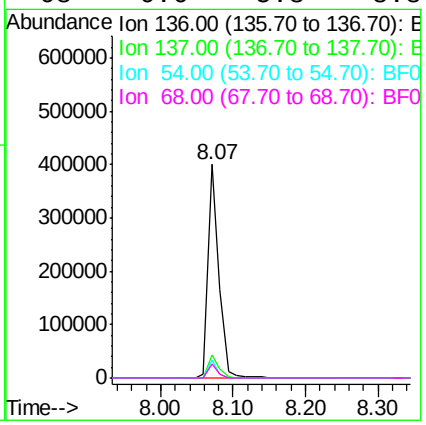


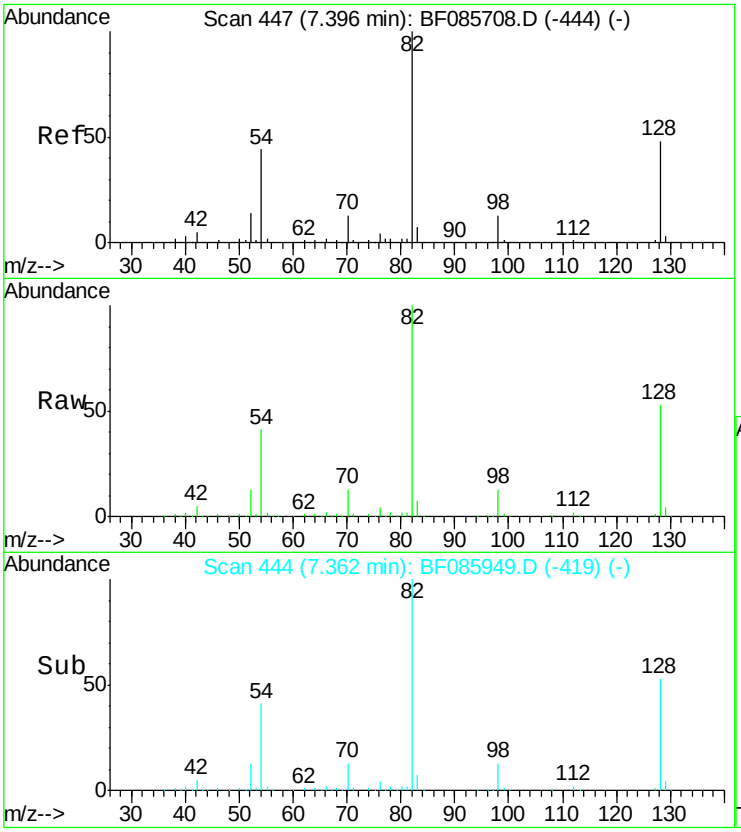




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:136 Resp: 410564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.1 | 13.7 |
| 54 | 8.4 | 7.4 | 11.0 |
| 68 | 6.6 | 5.8 | 8.8 |



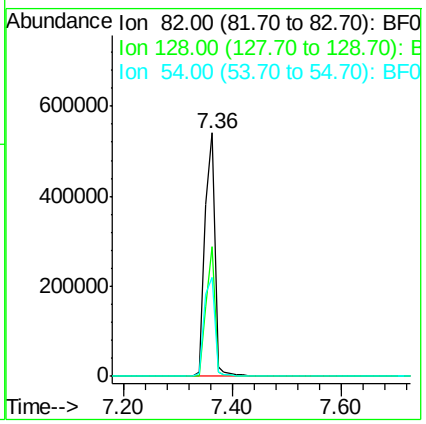


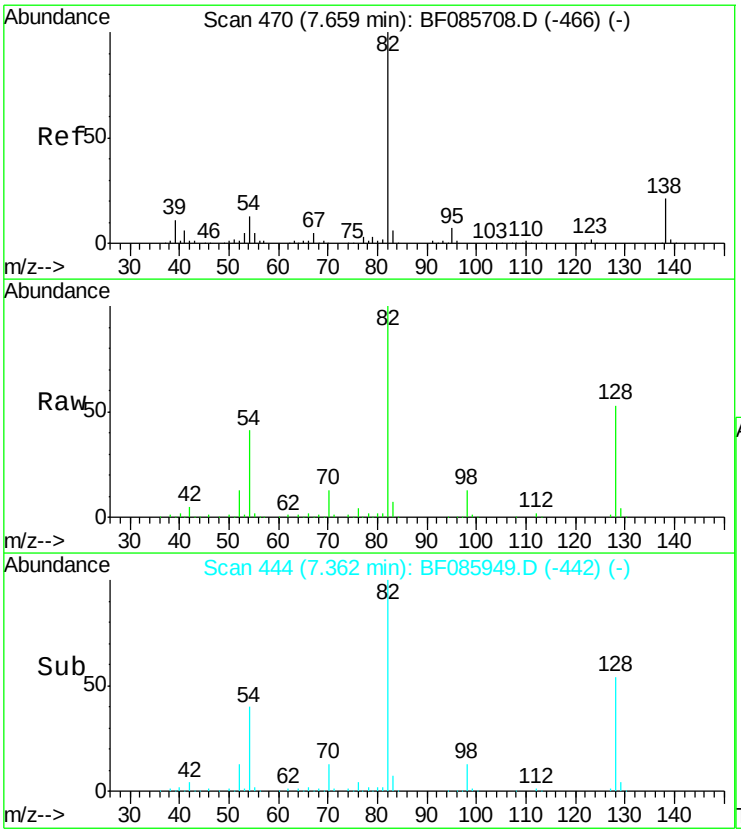

#23
Nitrobenzene-d5
Concen: 92.80 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion: 82 Resp: 676565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 53.2 | 41.8 | 62.8 |
| 54 | 40.8 | 33.4 | 50.0 |

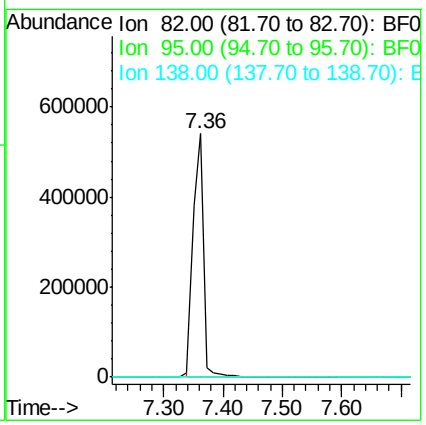


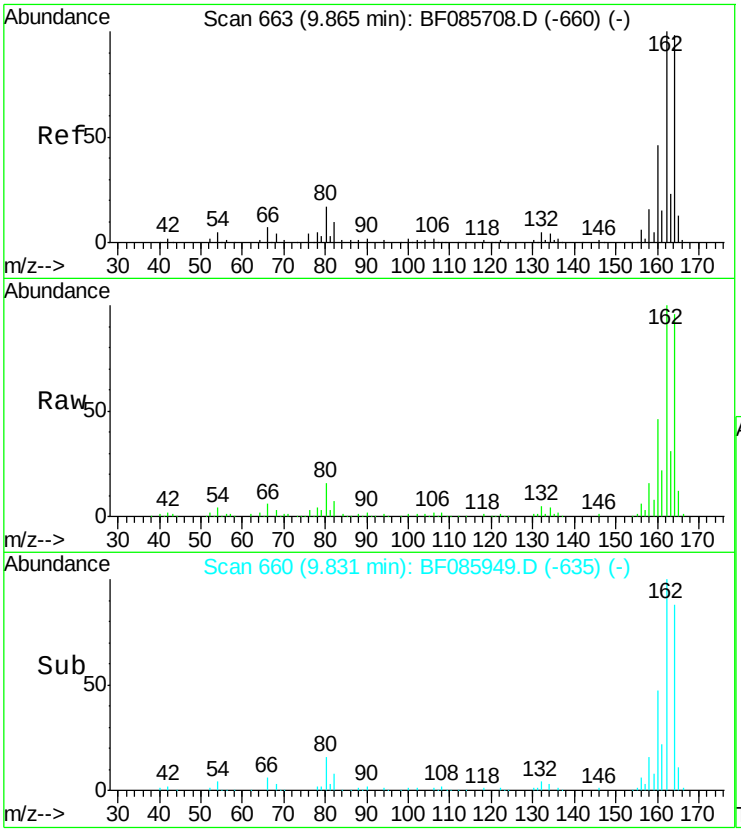




#25
Isophorone
Concen: 47.68 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion: 82 Resp: 669633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.4 | 8.2# |
| 138 | 0.0 | 12.9 | 19.3# |



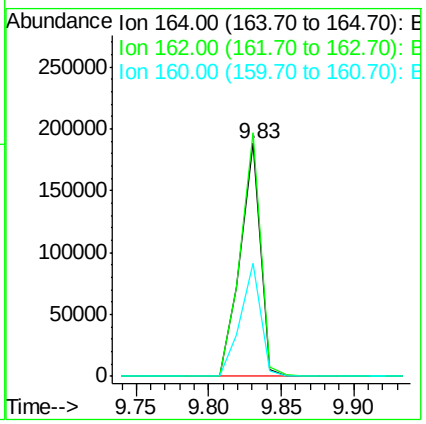


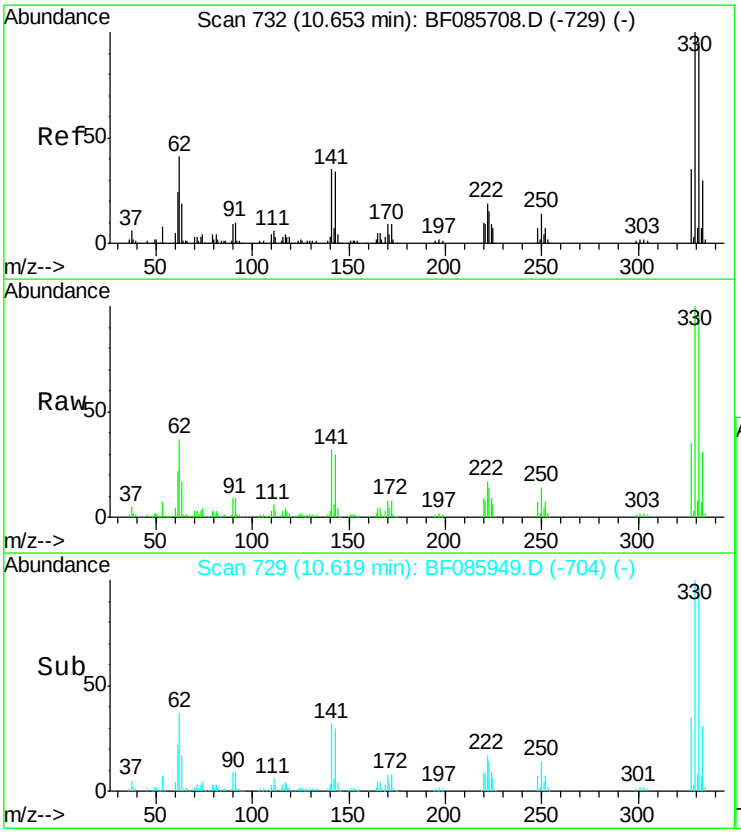

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion:164 Resp: 183518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.6 | 82.1 | 123.1 |
| 160 | 48.6 | 37.4 | 56.2 |

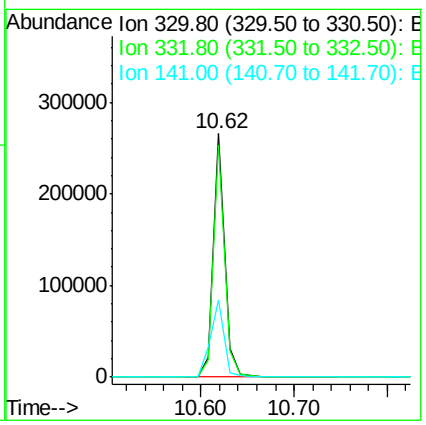


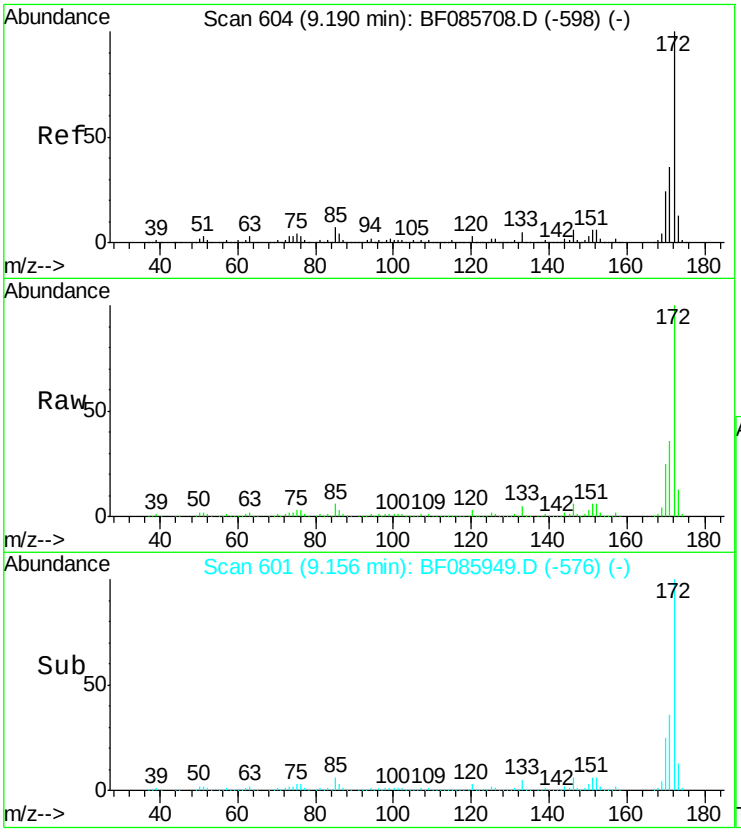




#41
2,4,6-Tribromophenol
Concen: 127.81 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:330 Resp: 222852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.0 | 78.2 | 117.2 |
| 141 | 38.5 | 31.5 | 47.3 |



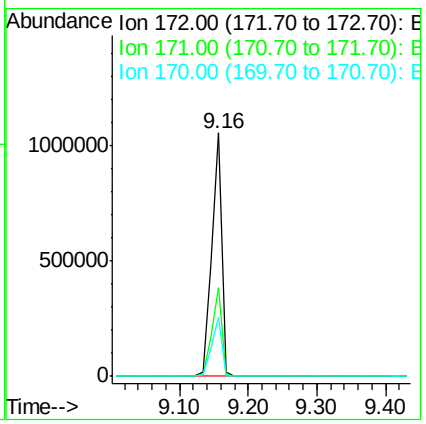


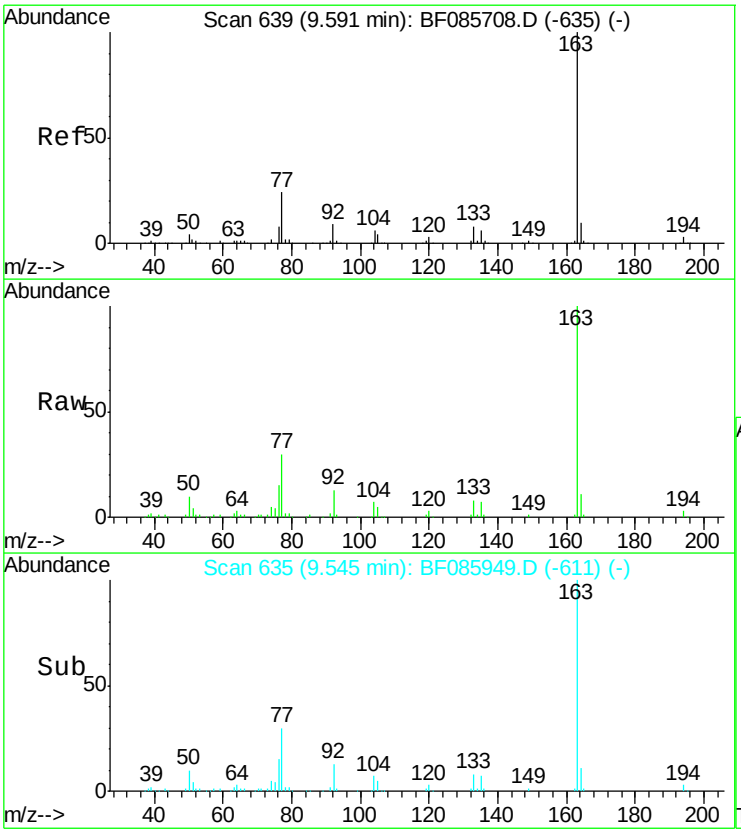

#44
2-Fluorobiphenyl
Concen: 99.25 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion:172 Resp: 1090180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.4 | 44.2 |
| 170 | 24.5 | 19.8 | 29.6 |

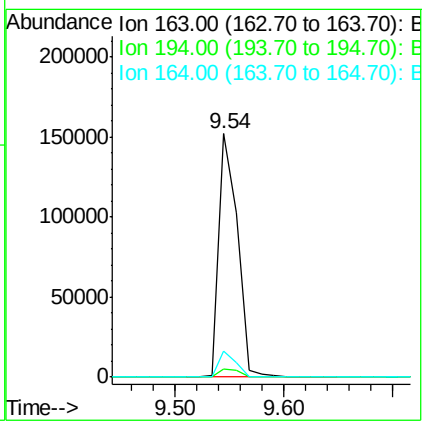


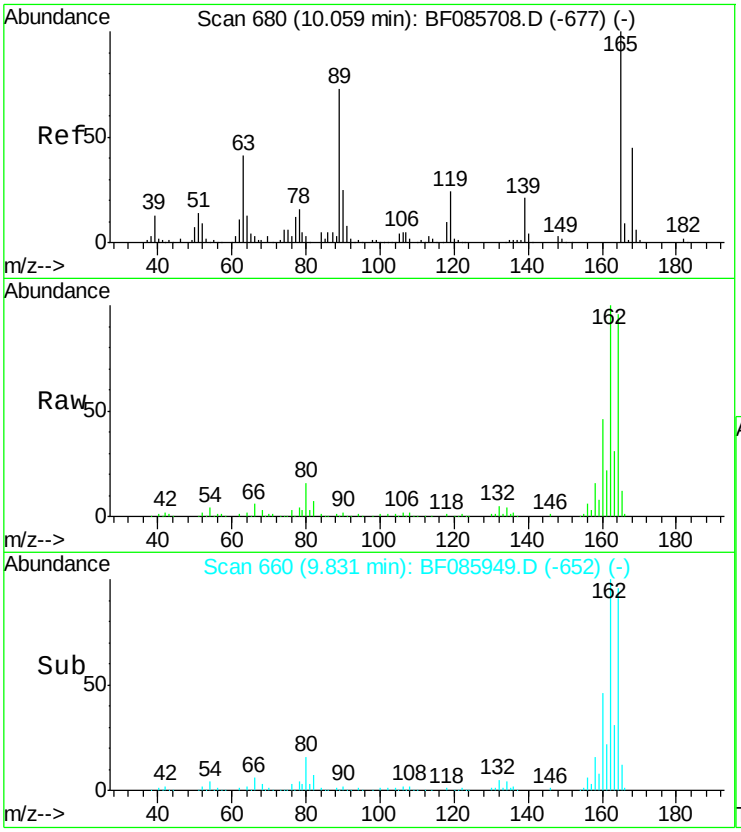




#49
Dimethylphthalate
Concen: 13.02 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:163 Resp: 181230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.9 | 4.3 |
| 164 | 10.7 | 8.3 | 12.5 |



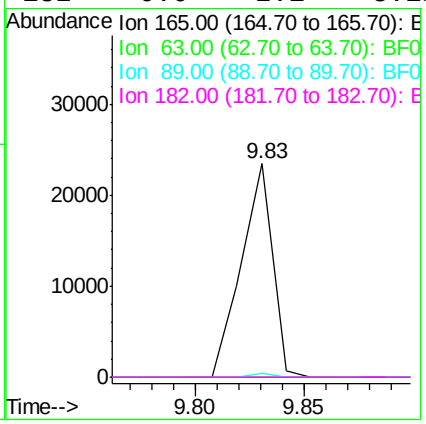


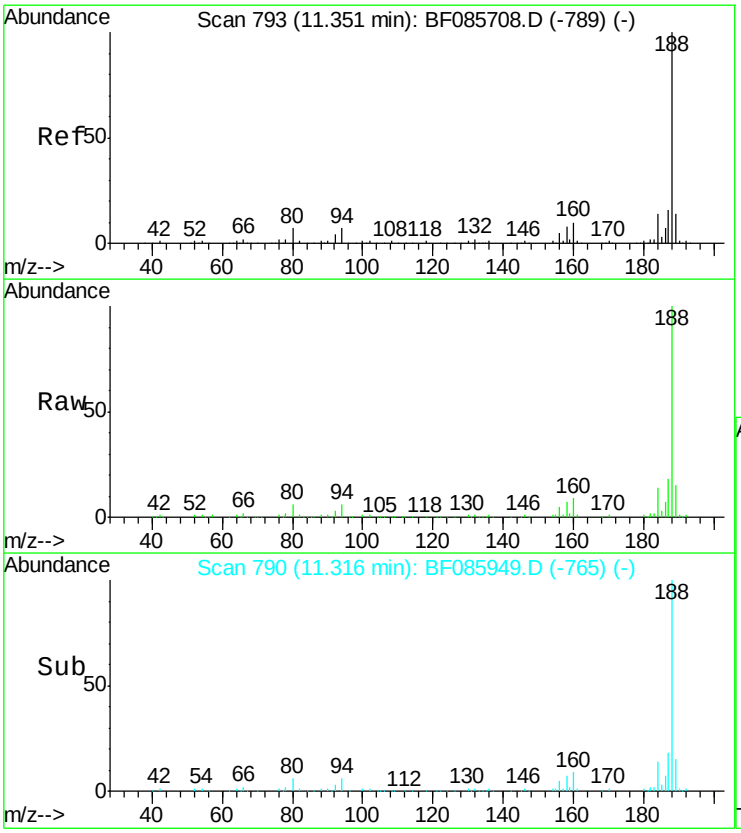

#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion:165 Resp: 23410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 24.9 | 37.3# |
| 89 | 1.7 | 41.0 | 61.6# |
| 182 | 0.0 | 2.1 | 3.1# |

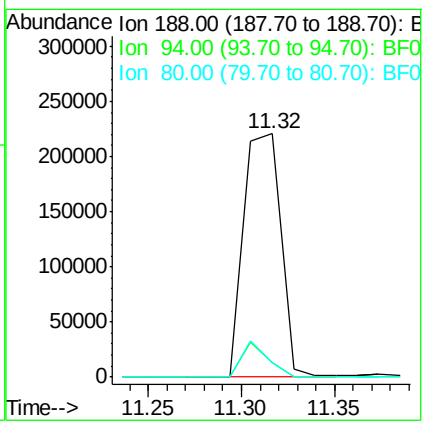


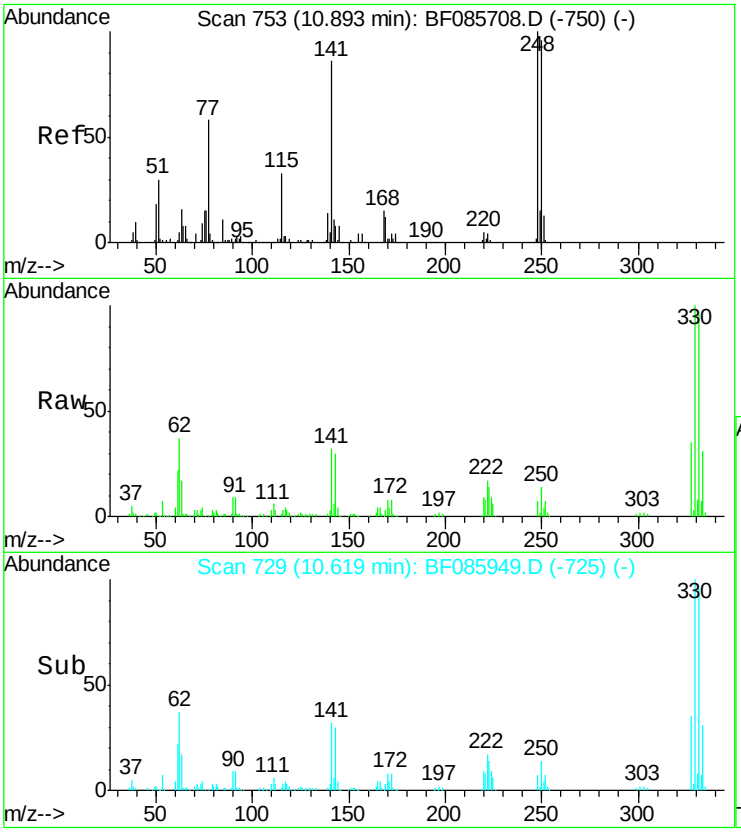




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:188 Resp: 306374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.4 | 8.0 |
| 80 | 6.0 | 5.5 | 8.3 |



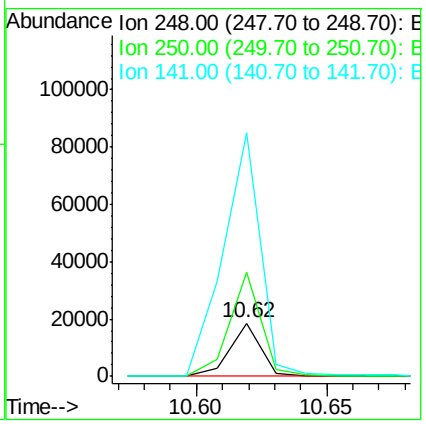


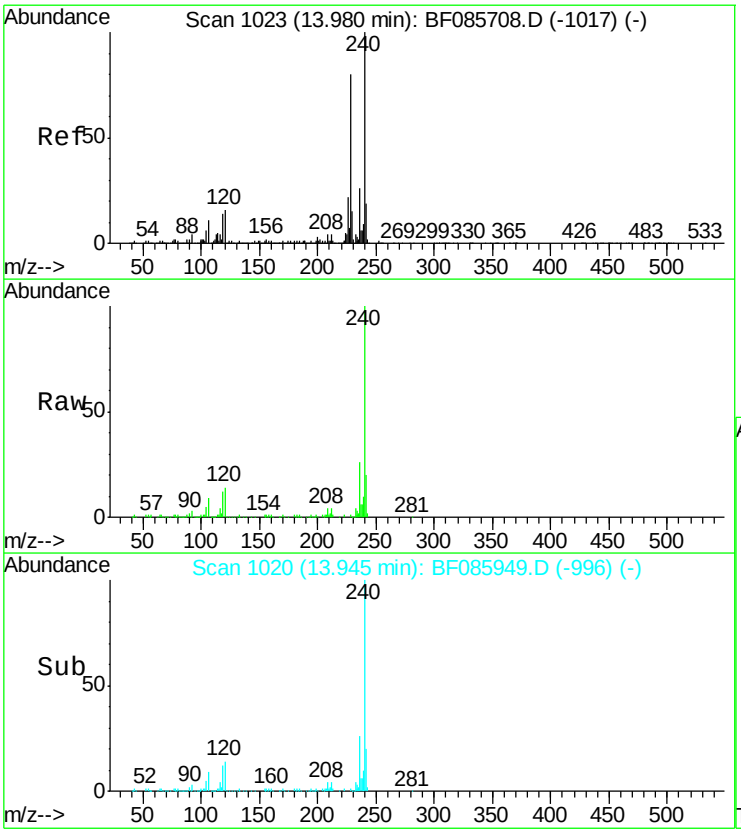

#66
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

Tgt Ion:248 Resp: 15410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 195.8 | 77.4 | 116.0# |
| 141 | 458.6 | 63.6 | 95.4# |

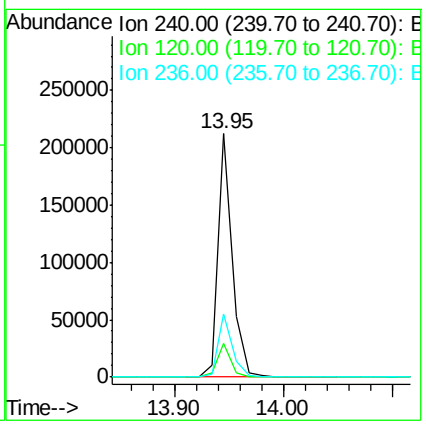


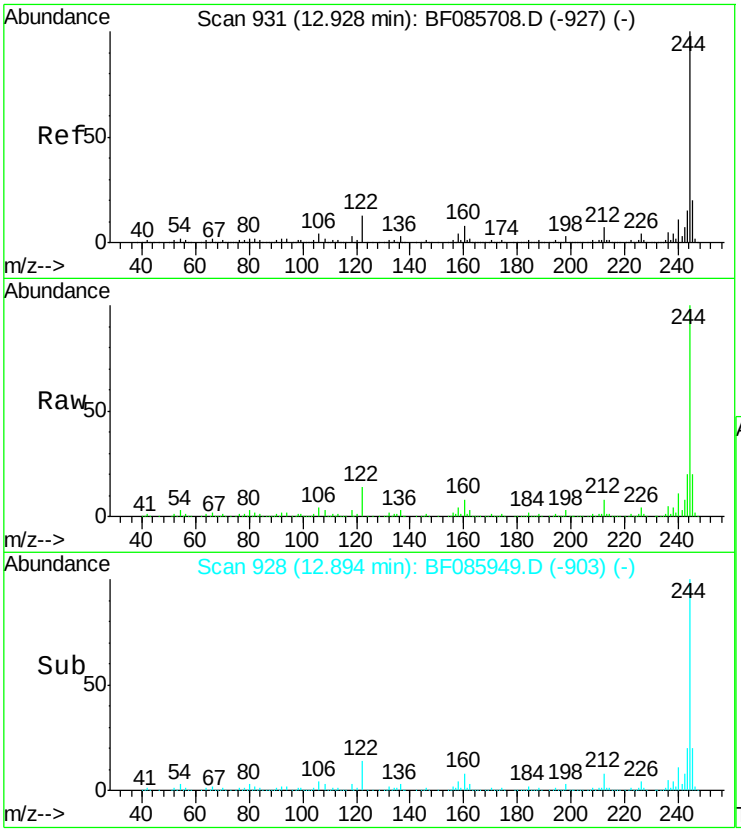




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:240 Resp: 194390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.1 | 13.8 | 20.8 |
| 236 | 26.0 | 20.6 | 30.8 |



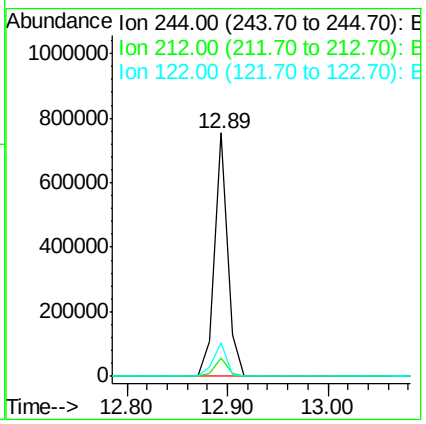


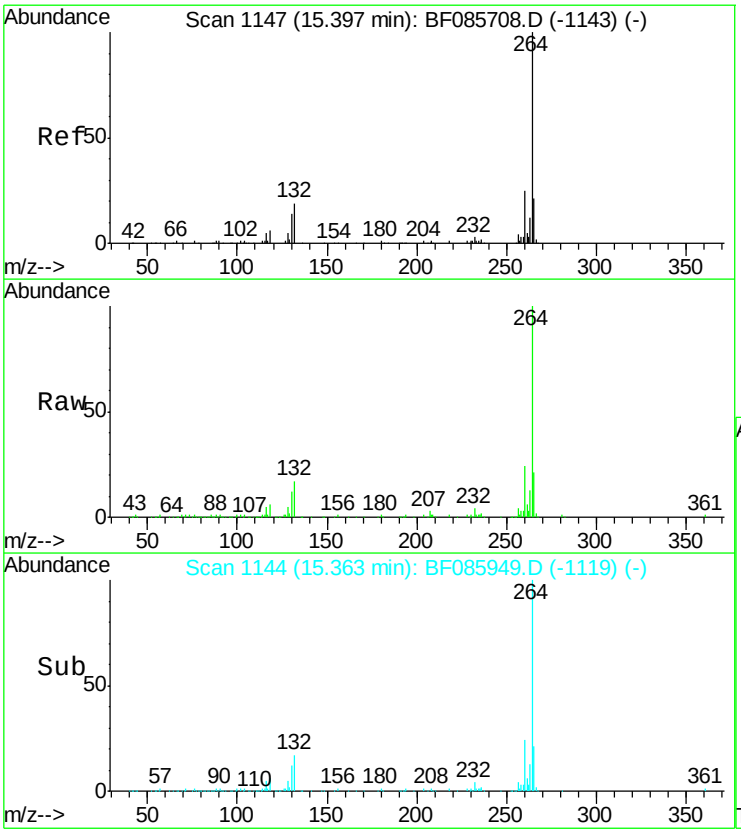

#78
Terphenyl-d14
Concen: 72.50 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

**Instrument :**
BNA_F
**ClientSampleId :**
AMBOY-SB25COMP0.5-15.0

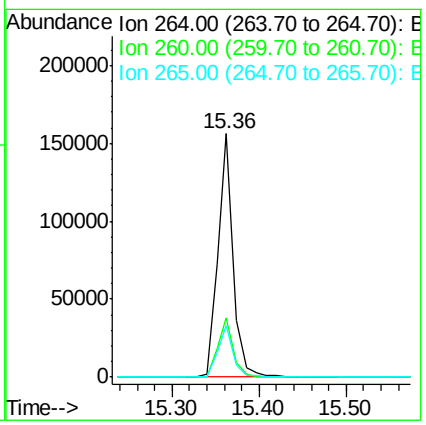
Tgt Ion:244 Resp: 685310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.1 | 9.1 |
| 122 | 13.8 | 10.2 | 15.4 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085949.D
Acq: 1 Apr 2016 1:37

Tgt Ion:264 Resp: 192479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.4 | 29.2 |
| 265 | 21.1 | 17.2 | 25.8 |