Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080585.D
Acq On : 23 Jul 2015 6:24
Operator : TP/UM
Sample : G3045-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RINSATE-BLANK

Quant Time: Jul 23 06:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 43504 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 160133 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 71171 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.49 | 188 | 120674 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.35 | 240 | 84602 | 20.00 | ng | | 0.03 |
| 86) Perylene-d12 | 16.09 | 264 | 53830 | 20.00 | ng | | 0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 102664 | 41.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.56 | 99 | 71772 | 23.76 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 205571 | 82.69 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 56760 | 107.99 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 370366 | 74.83 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.15 | 244 | 330684 | 80.15 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.72 | 77 | 5856 | 2.58 | ng | | 85 |
| 19) n-Nitroso-di-n-propylamine | 7.52 | 70 | 28999 | 14.94 | ng | # | 78 |
| 24) Nitrobenzene | 7.52 | 77 | 604 | 4.51 | ng | # | 30 |
| 25) Isophorone | 7.52 | 82 | 186795 | 35.57 | ng | # | 66 |
| 47) 2-Nitroaniline | 9.32 | 65 | 774 | 3.39 | ng | # | 1 |
| 50) 2,6-Dinitrotoluene | 10.01 | 165 | 9266 | 13.98 | ng | # | 13 |
| 56) 2,4-Dinitrotoluene | 10.01 | 165 | 9267 | 16.51 | ng | # | 10 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 3877 | 3.34 | ng | # | 1 |
| 83) Bis(2-ethylhexyl)phthalate | 14.36 | 149 | 276 | 3.16 | ng | # | 54 |

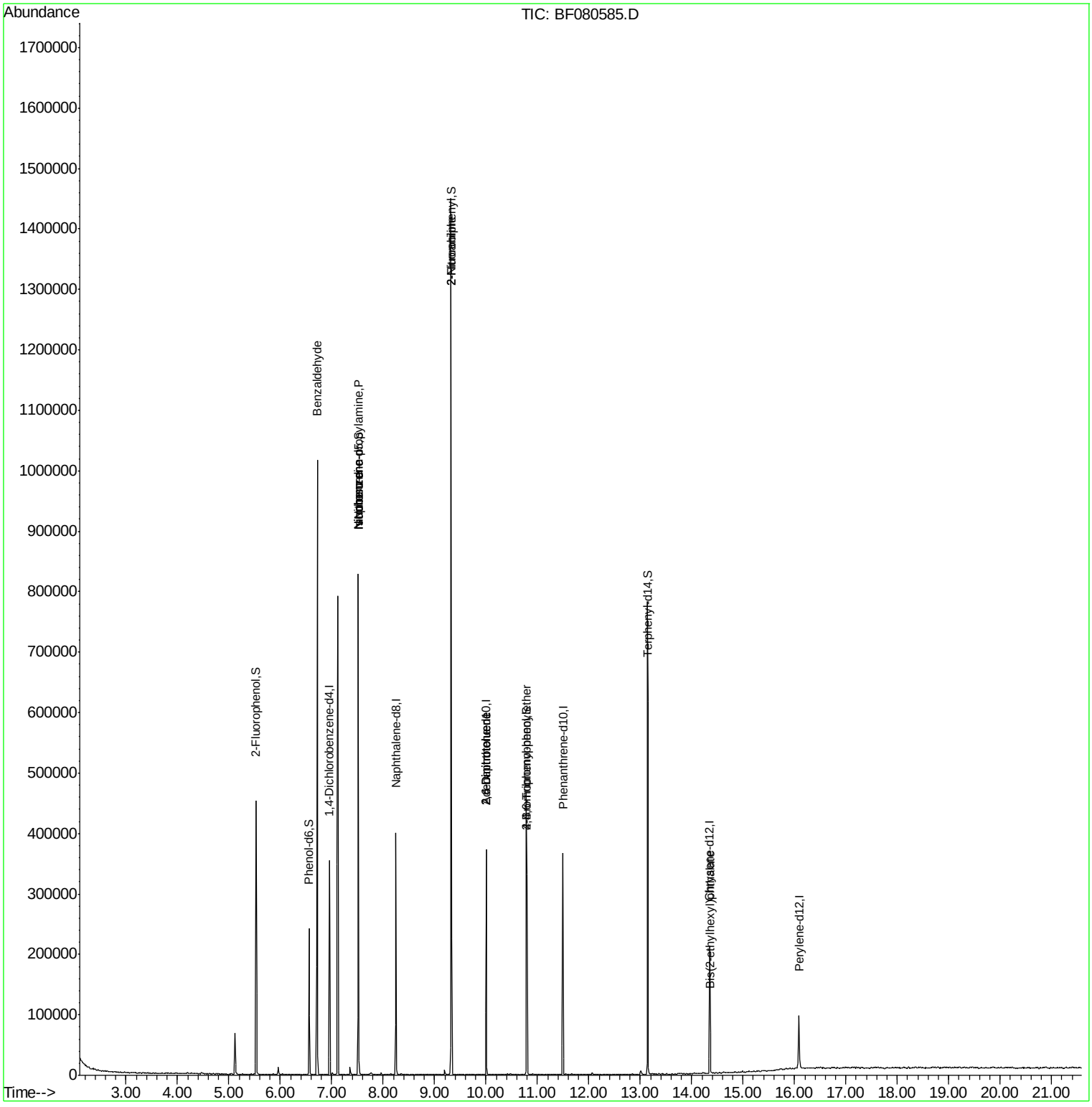
(#) = qualifier out of range (m) = manual integration (+) = signals summed

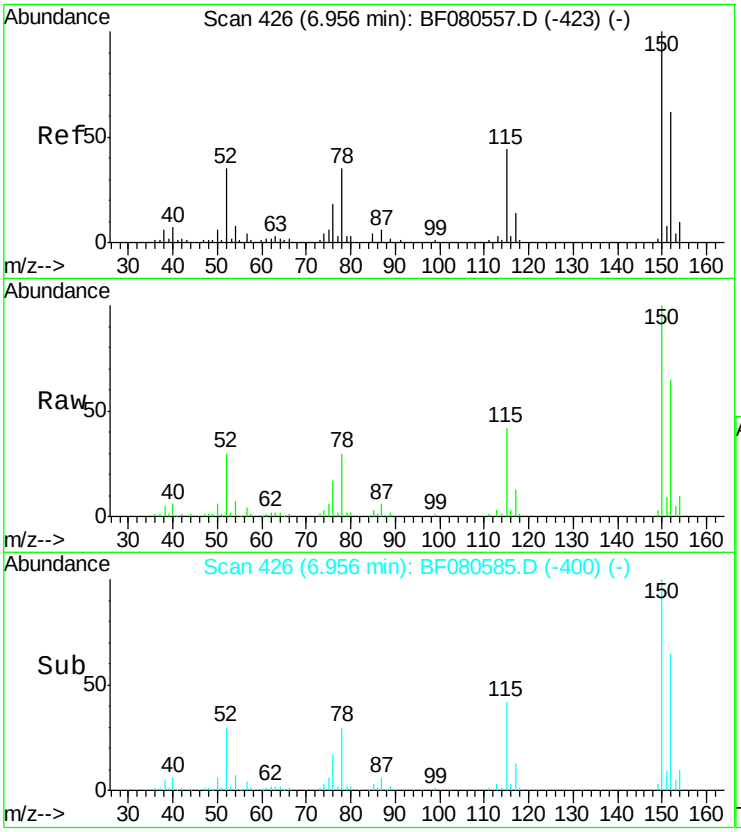
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080585.D
Acq On : 23 Jul 2015 6:24
Operator : TP/UM
Sample : G3045-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Quant Time: Jul 23 06:54:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration



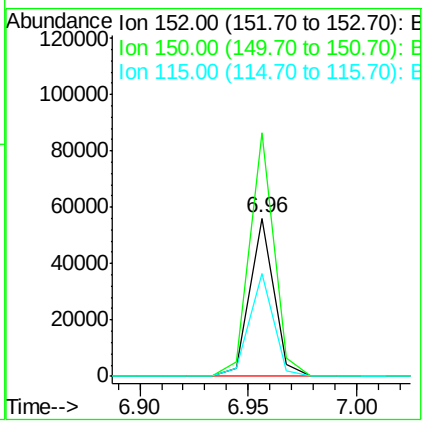


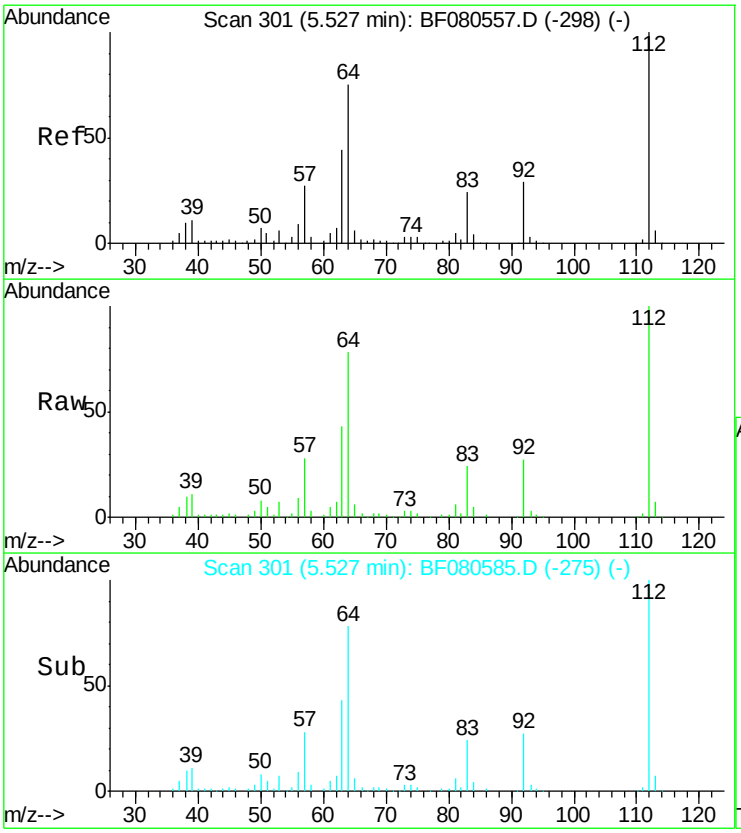

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:152 Resp: 43504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.2 | 128.7 | 193.1 |
| 115 | 65.4 | 56.8 | 85.2 |

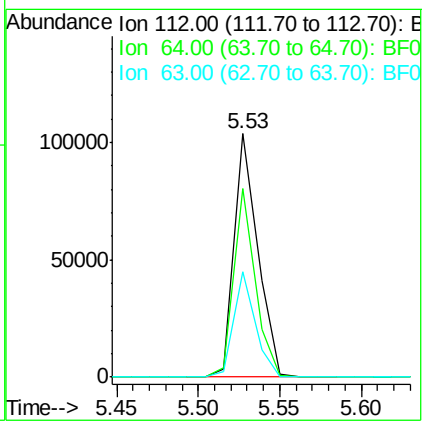


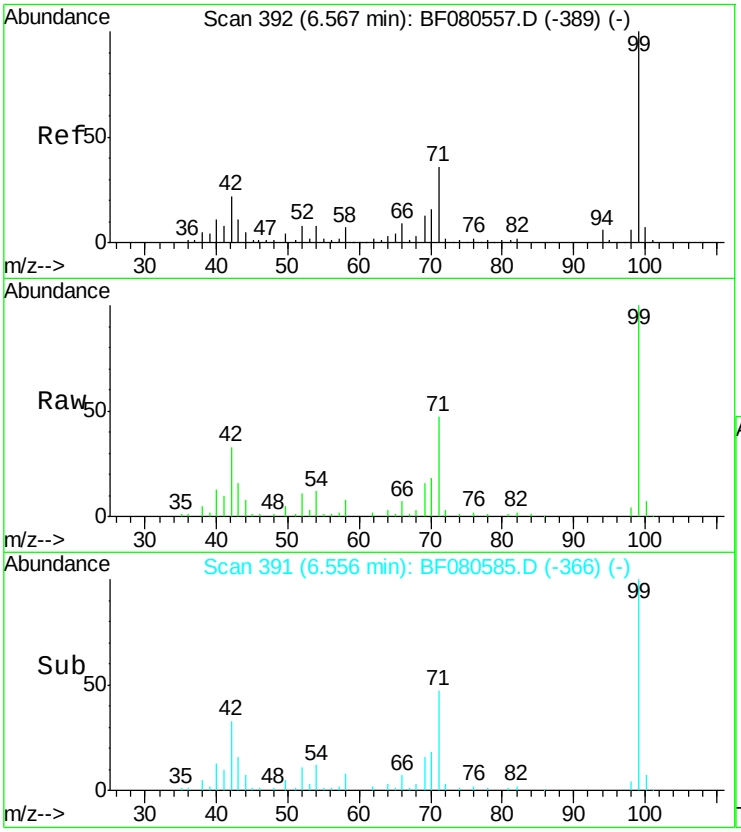




#5
2-Fluorophenol
Concen: 41.85 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:112 Resp: 102664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 77.7 | 60.2 | 90.2 |
| 63 | 43.3 | 34.8 | 52.2 |



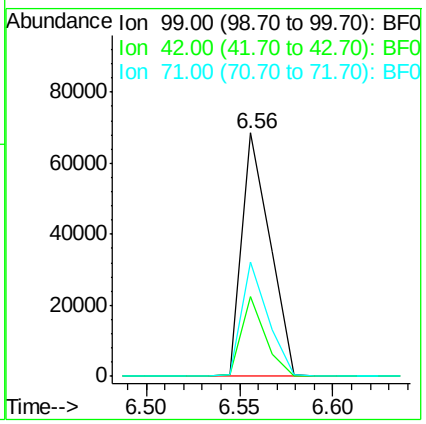


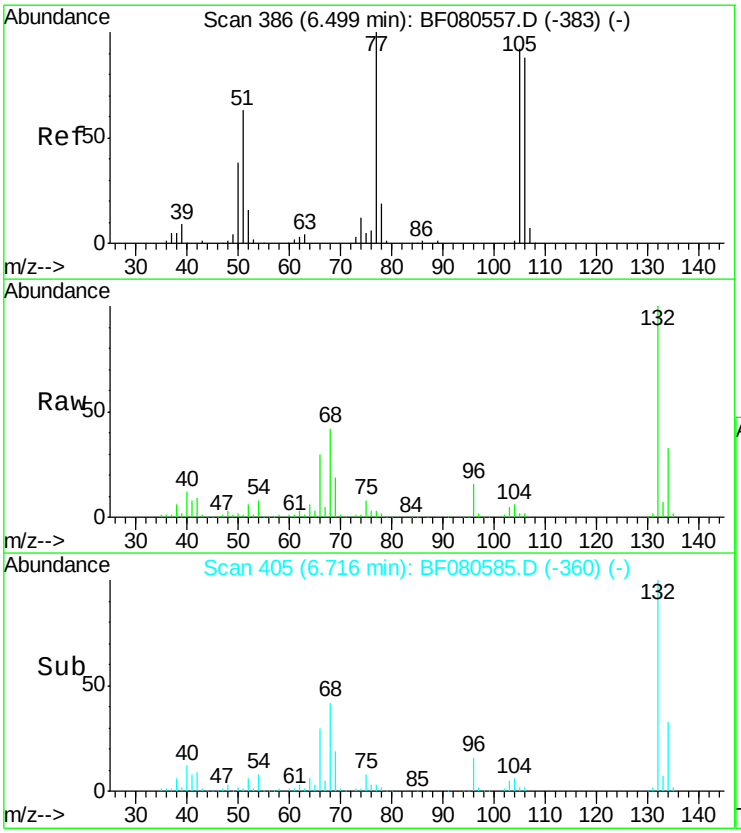

#7
Phenol-d6
Concen: 23.76 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion: 99 Resp: 71772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 32.9 | 17.4 | 26.2# |
| 71 | 46.8 | 29.0 | 43.6# |

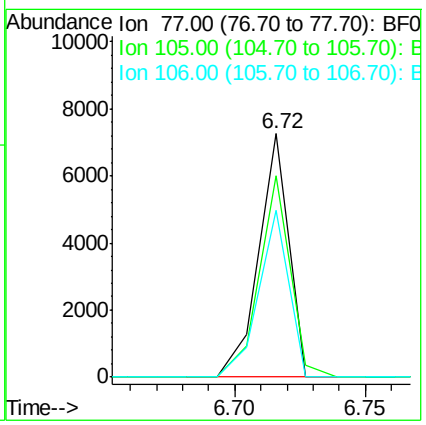


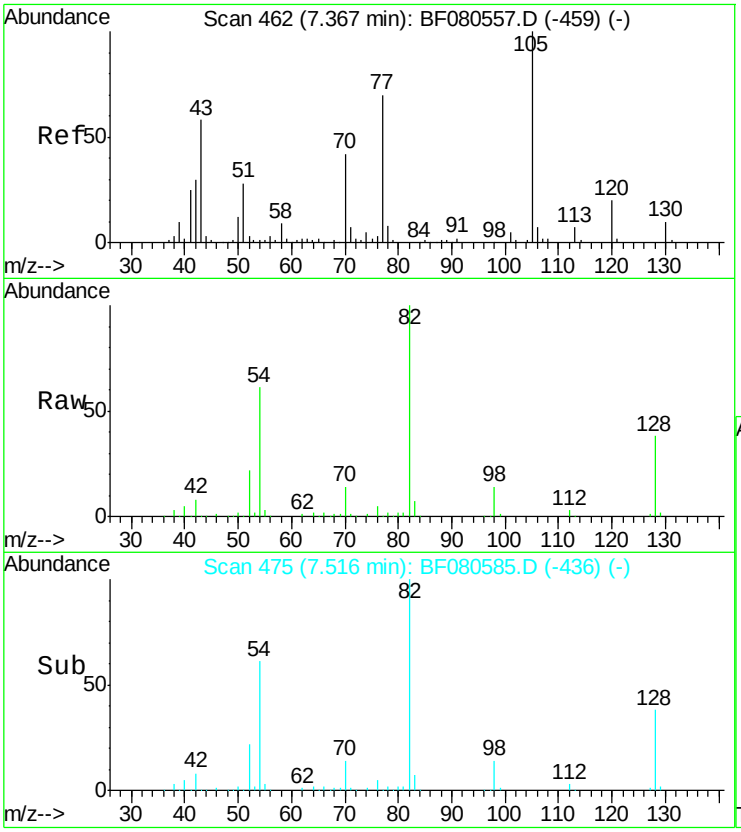




#9
Benzaldehyde
Concen: 2.58 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.22 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion: 77 Resp: 5856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 82.5 | 72.3 | 112.3 |
| 106 | 68.3 | 67.5 | 107.5 |



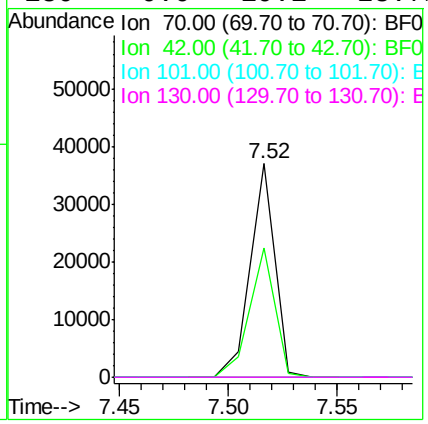


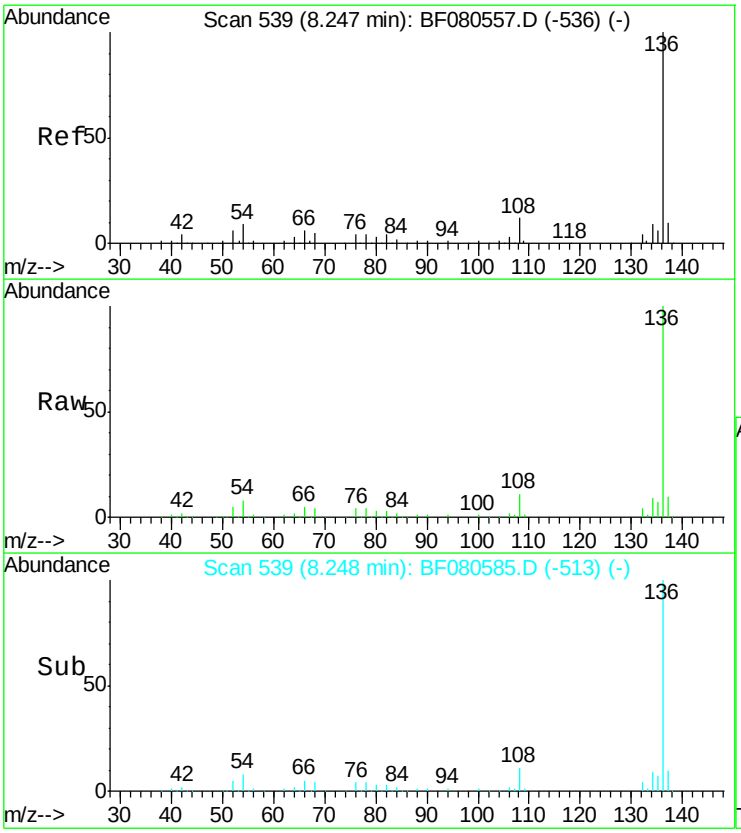

#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion: 70 Resp: 28999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 60.7 | 56.6 | 85.0 |
| 101 | 0.0 | 9.7 | 14.5# |
| 130 | 0.0 | 19.1 | 28.7# |

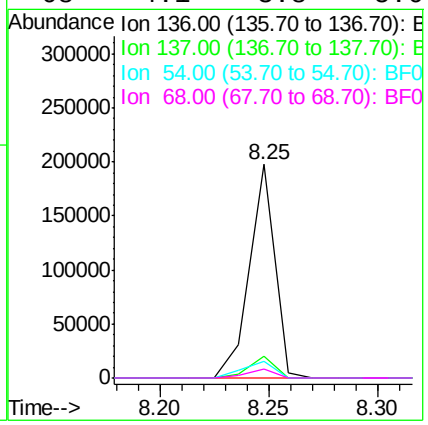


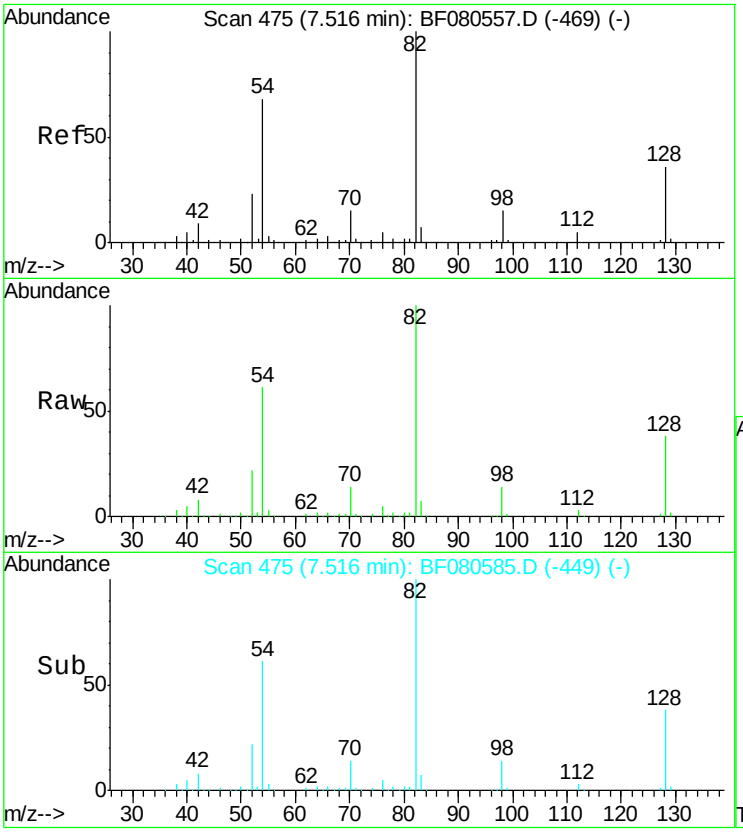




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:136 Resp: 160133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 7.8 | 11.8 |
| 54 | 8.0 | 7.2 | 10.8 |
| 68 | 4.1 | 3.8 | 5.6 |



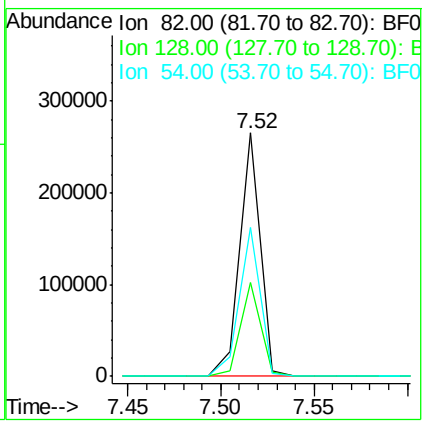


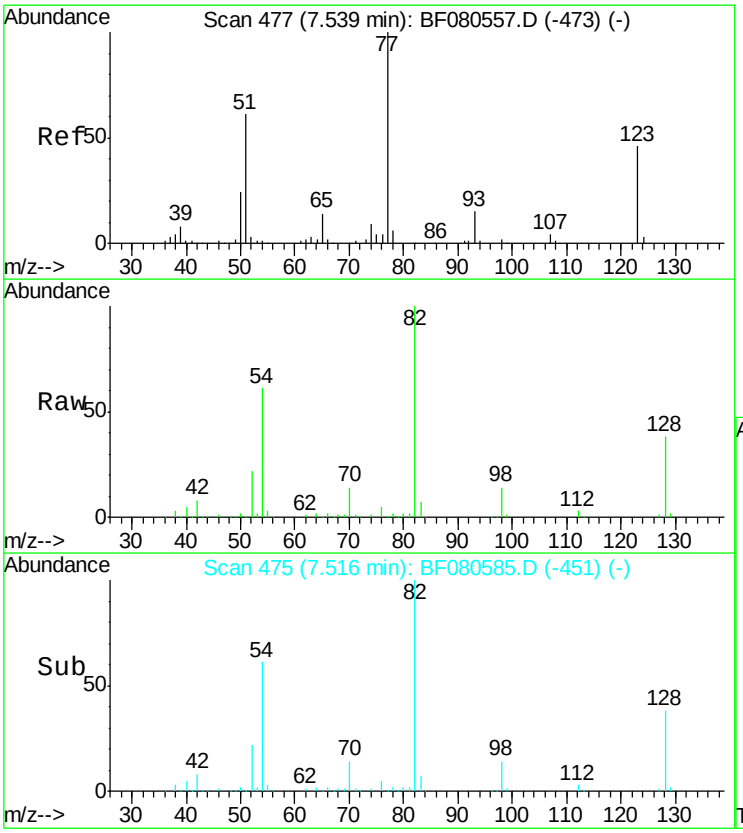

#23
Nitrobenzene-d5
Concen: 82.69 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion: 82 Resp: 205571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.3 | 28.9 | 43.3 |
| 54 | 61.4 | 54.5 | 81.7 |

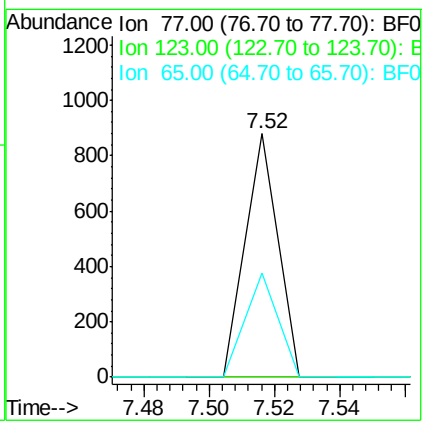


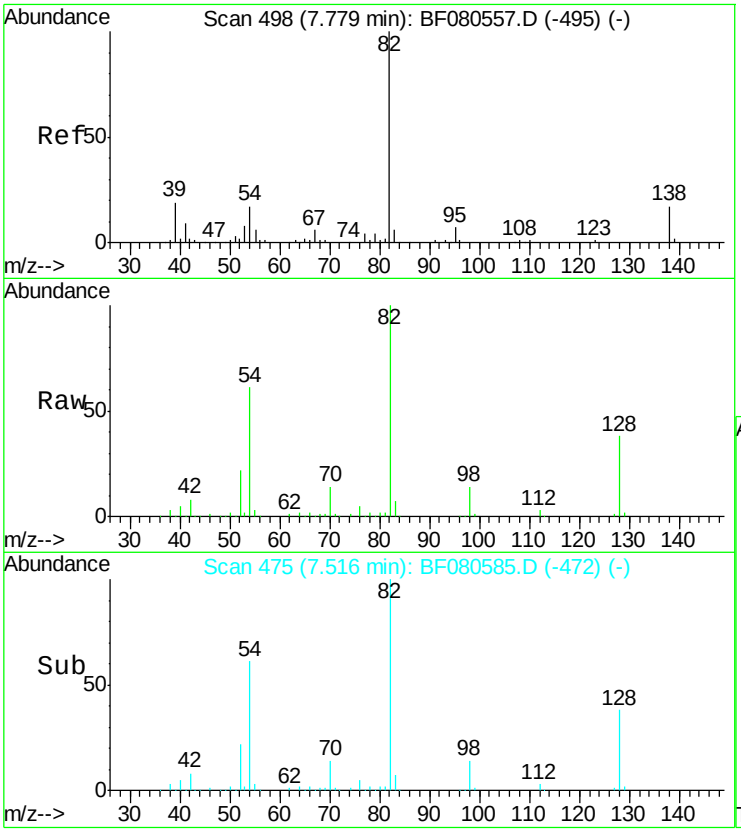




#24
Nitrobenzene
Concen: 4.51 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion: 77 Resp: 604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 37.1 | 55.7# |
| 65 | 42.8 | 11.4 | 17.2# |



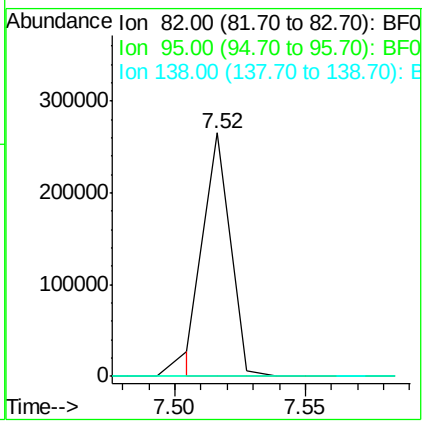


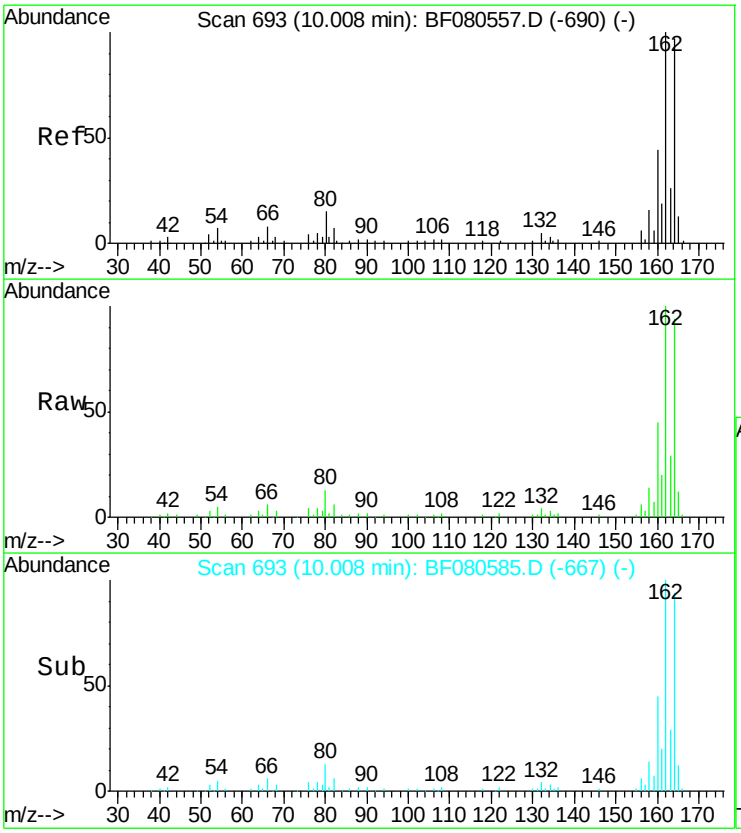

#25
Isophorone
Concen:  35.57 ng
RT: 7.52 min  Scan# 475
Delta R.T.  -0.26 min
Lab File:  BF080585.D
Acq: 23 Jul 2015  6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion: 82 Resp:  186795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.9 | 8.9# |
| 138 | 0.0 | 13.4 | 20.2# |

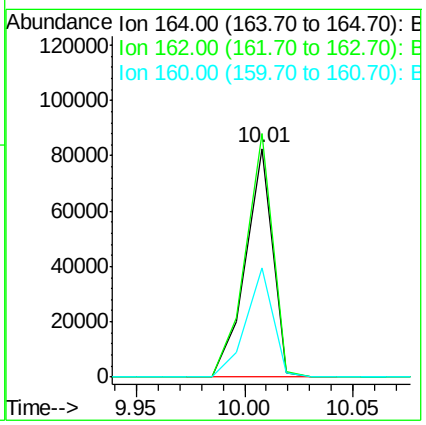


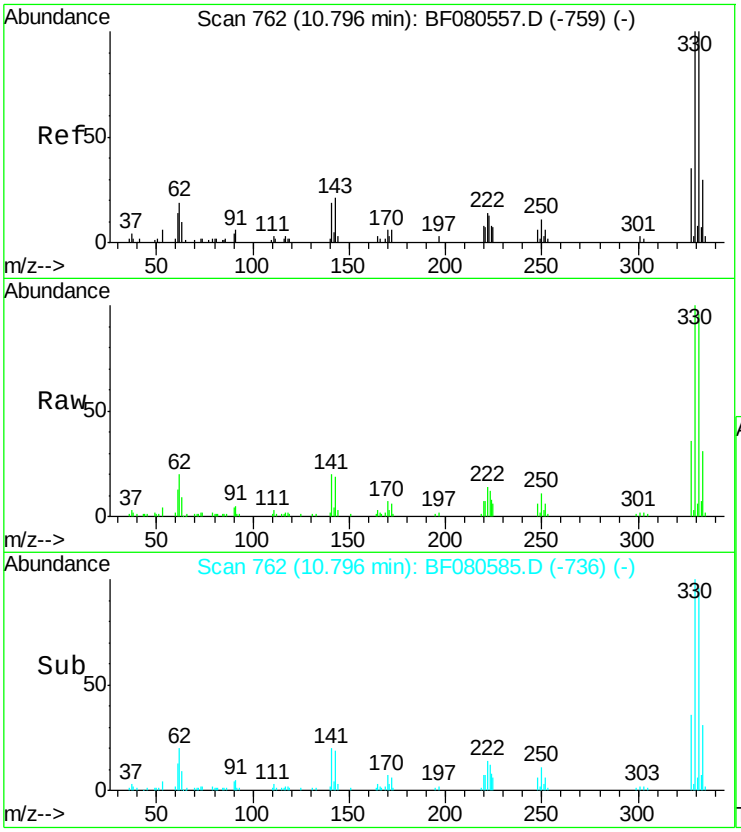




#38
Acenaphthene-d10
Concen:  20.00 ng
RT: 10.01 min  Scan# 693
Delta R.T.  0.00 min
Lab File:  BF080585.D
Acq: 23 Jul 2015  6:24

Tgt Ion:164 Resp:  71171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.6 | 82.2 | 123.4 |
| 160 | 47.6 | 36.1 | 54.1 |



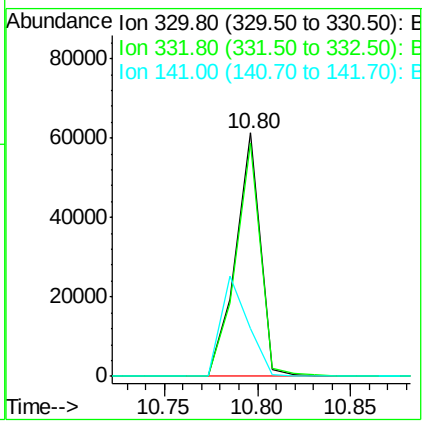


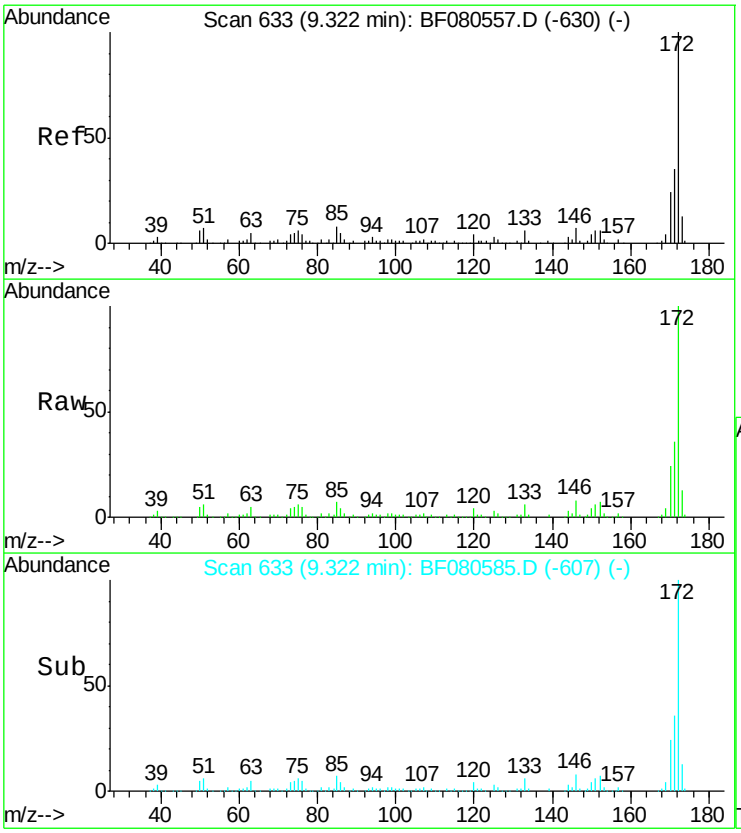

#41
2,4,6-Tribromophenol
Concen: 107.99 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:330 Resp: 56760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 78.3 | 117.5 |
| 141 | 45.6 | 37.9 | 56.9 |

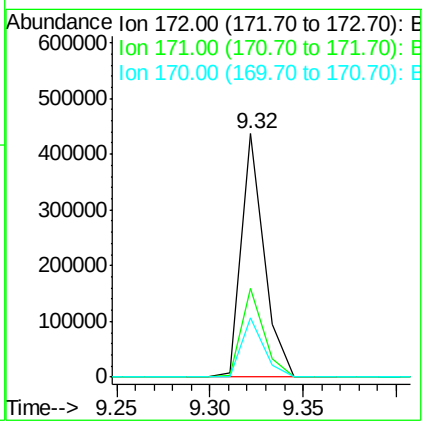


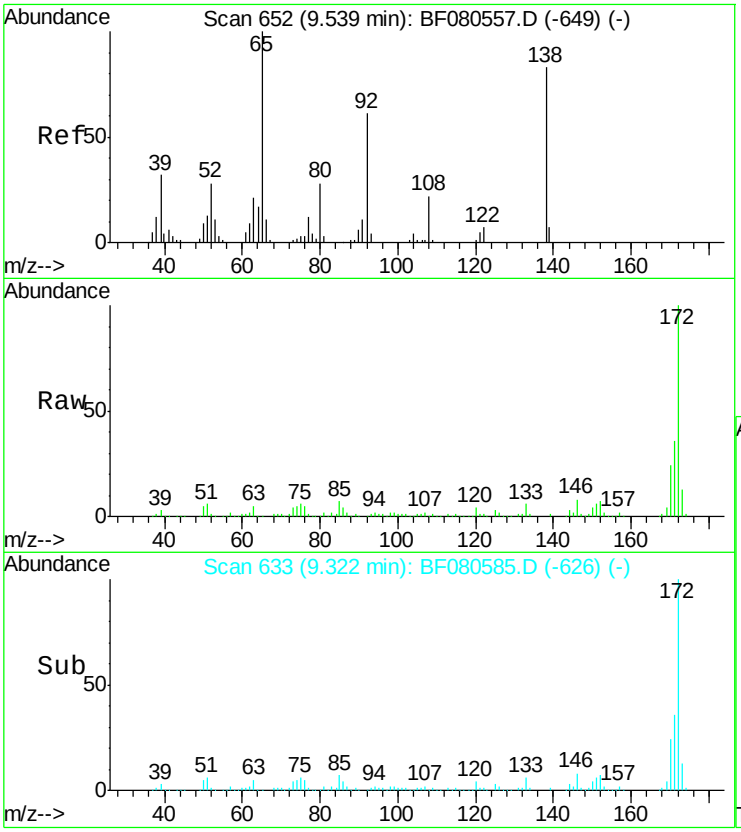




#44
2-Fluorobiphenyl
Concen: 74.83 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:172 Resp: 370366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 27.7 | 41.5 |
| 170 | 24.5 | 19.1 | 28.7 |



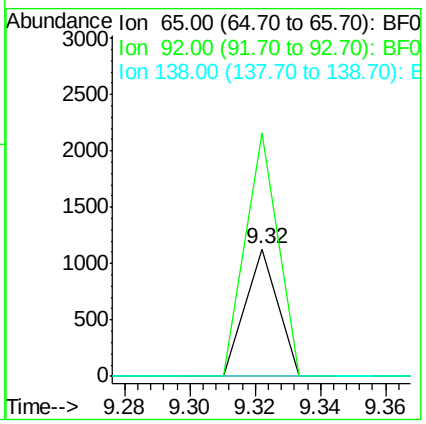


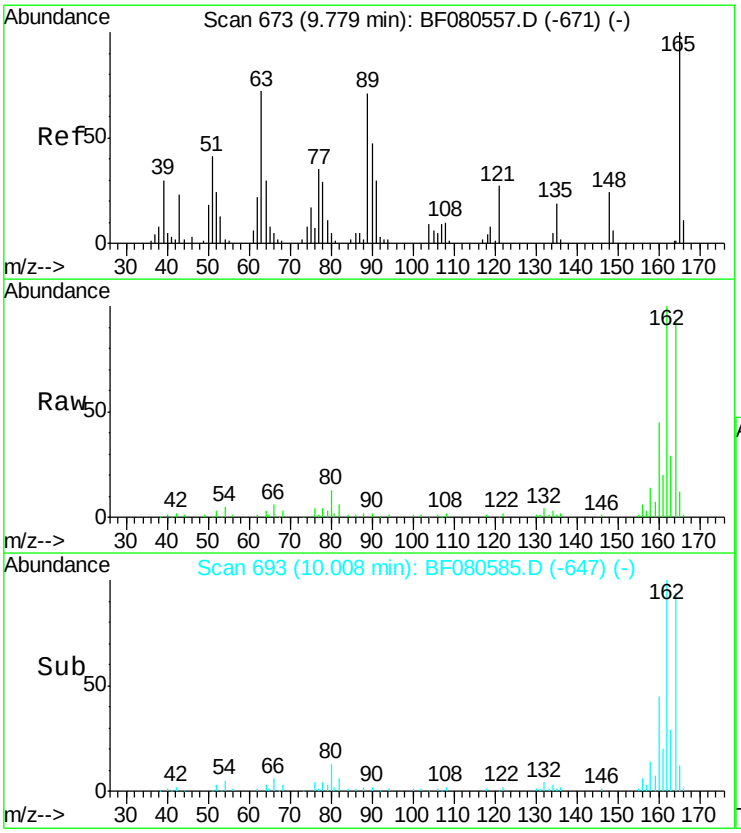

#47
2-Nitroaniline
Concen: 3.39 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.22 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion: 65 Resp: 774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 191.4 | 48.7 | 73.1# |
| 138 | 0.0 | 66.8 | 100.2# |

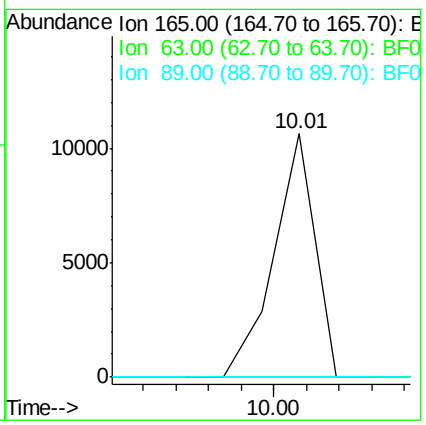


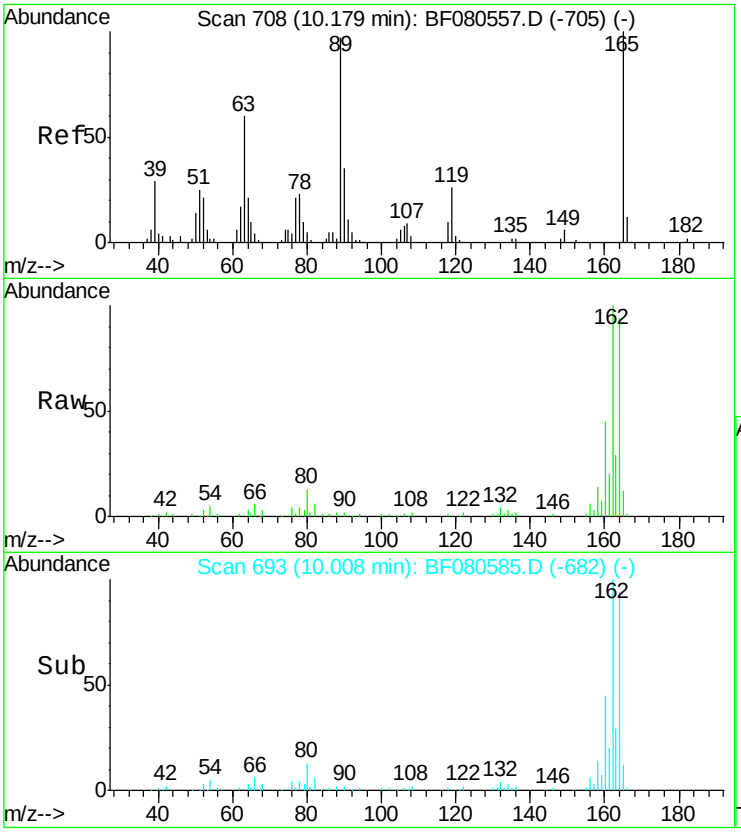




#50
2,6-Dinitrotoluene
Concen: 13.98 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.23 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:165 Resp: 9266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 59.0 | 88.6# |
| 89 | 0.0 | 56.9 | 85.3# |



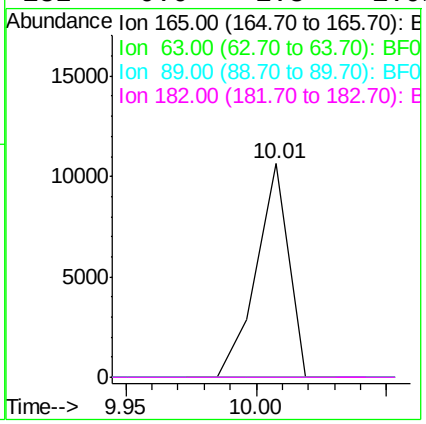


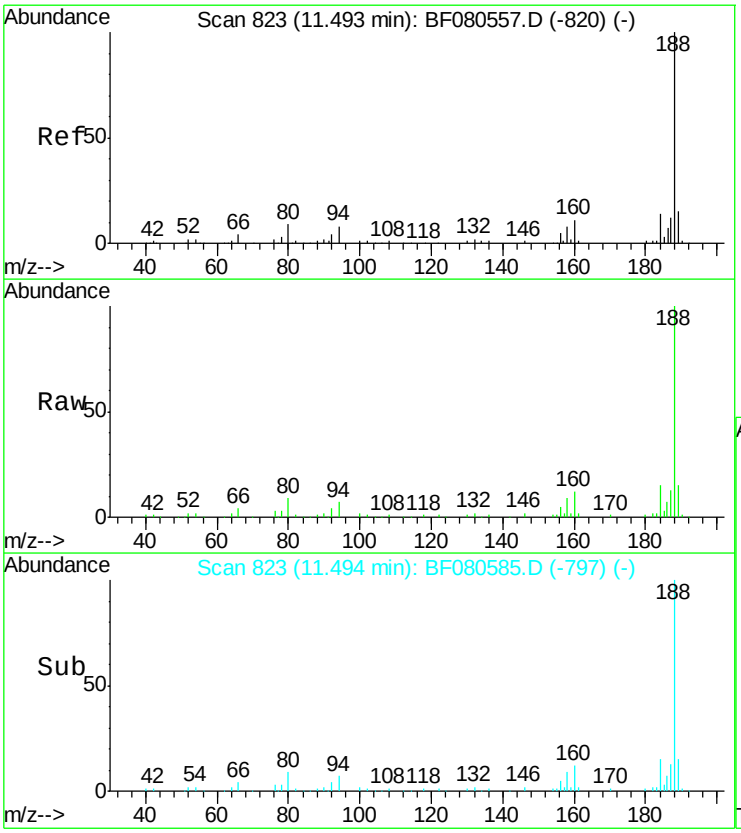

#56
2,4-Dinitrotoluene
Concen: 16.51 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:165 Resp: 9267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 48.1 | 72.1# |
| 89 | 0.0 | 77.4 | 116.0# |
| 182 | 0.0 | 1.3 | 1.9# |

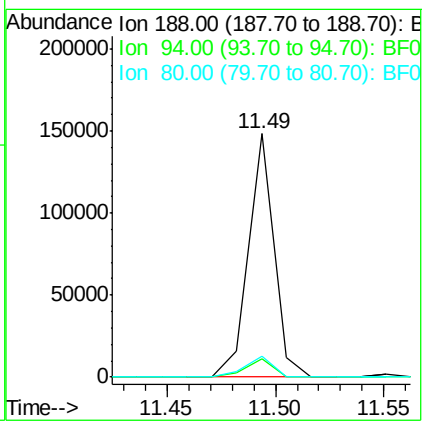


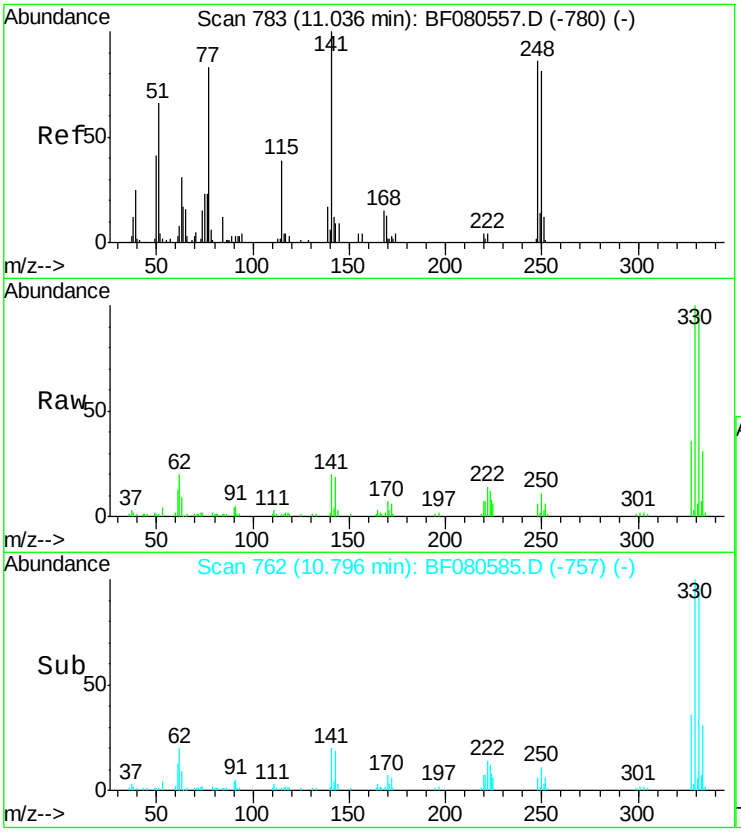




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:188 Resp: 120674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 6.1 | 9.1 |
| 80 | 8.8 | 7.0 | 10.6 |



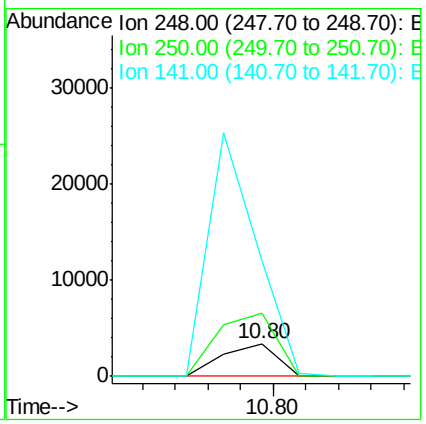


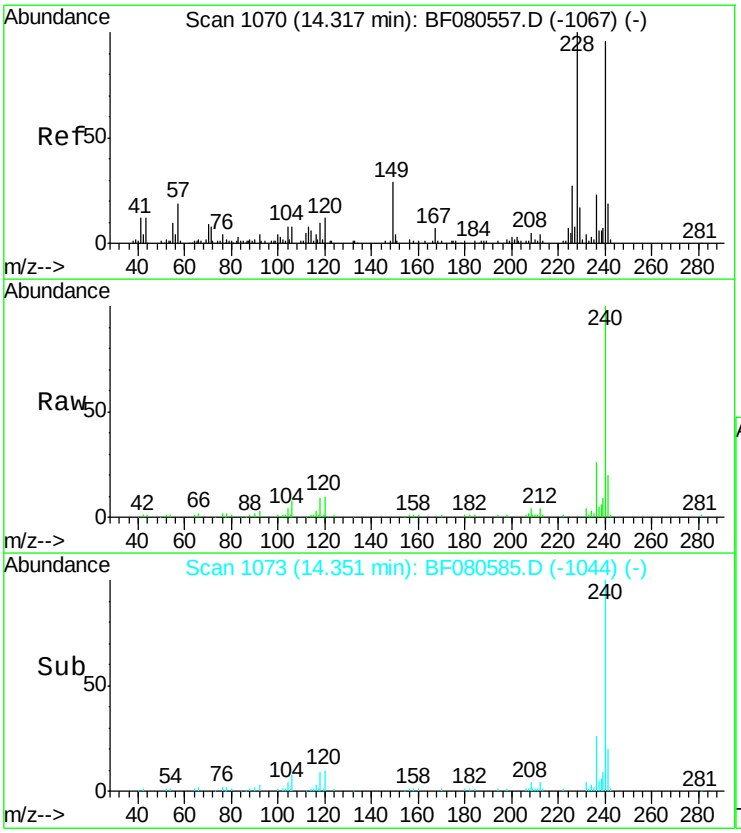

#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:248 Resp: 3877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 196.6 | 75.4 | 113.2# |
| 141 | 356.3 | 93.4 | 140.0# |

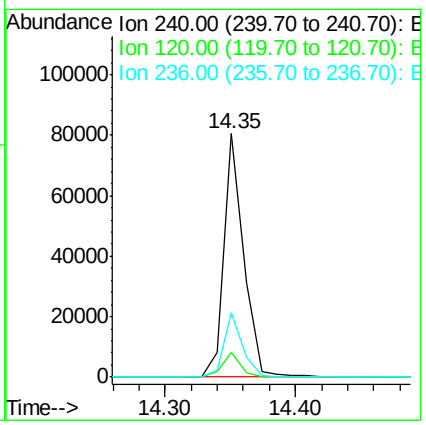


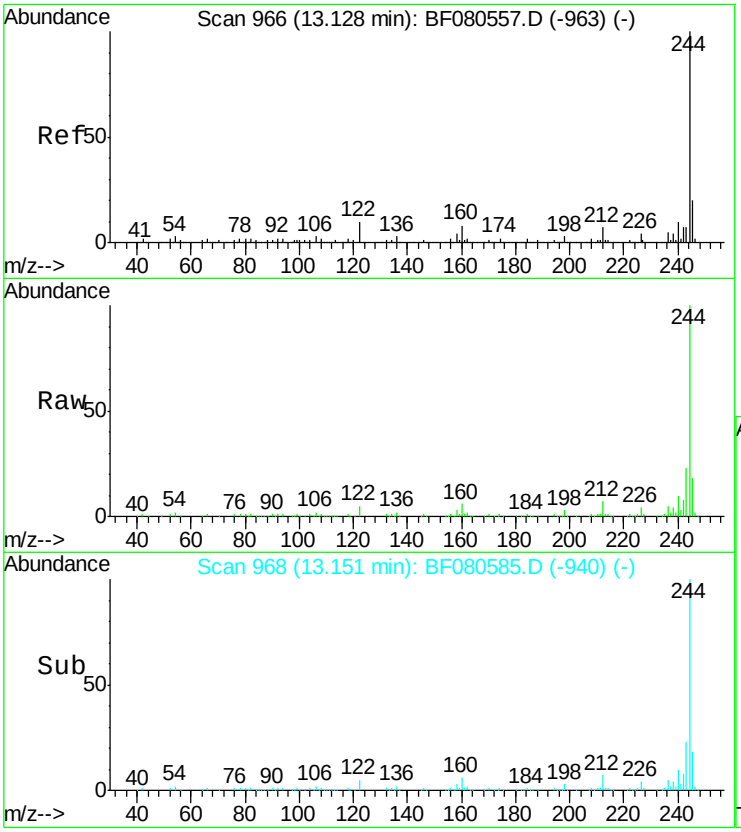




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.35 min Scan# 1073
Delta R.T. 0.03 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:240 Resp: 84602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 9.9 | 14.9 |
| 236 | 26.3 | 19.1 | 28.7 |



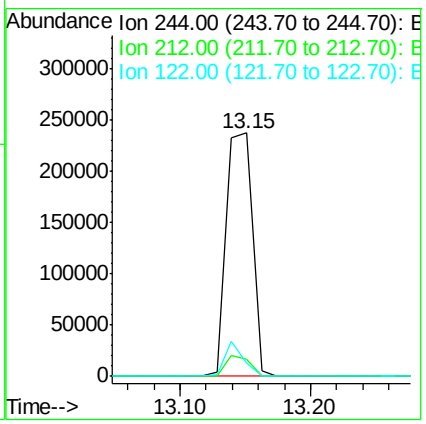


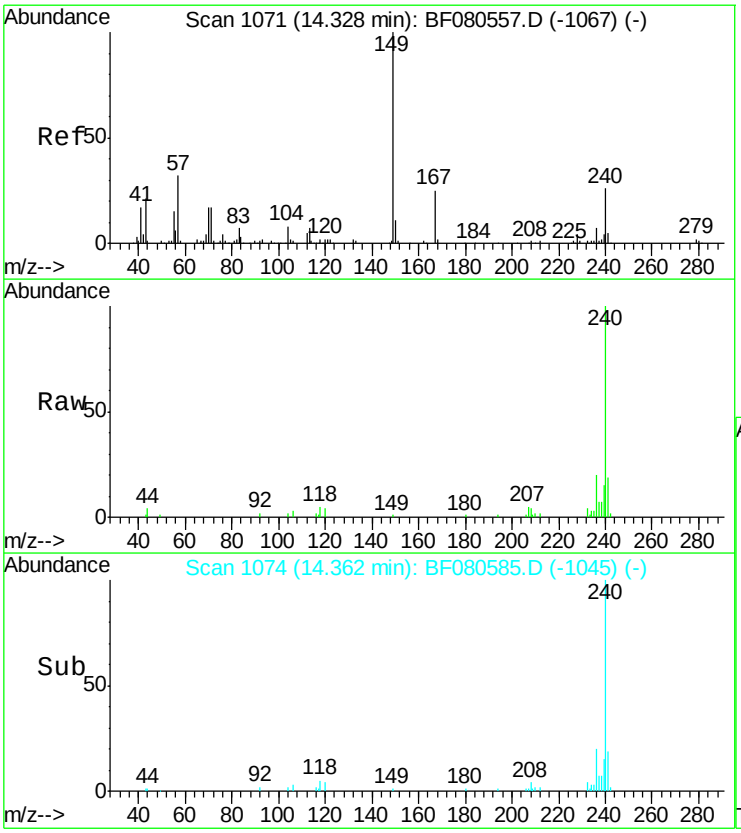

#78
Terphenyl-d14
Concen: 80.15 ng
RT: 13.15 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:244 Resp: 330684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 6.0 | 9.0 |
| 122 | 5.5 | 8.2 | 12.2# |

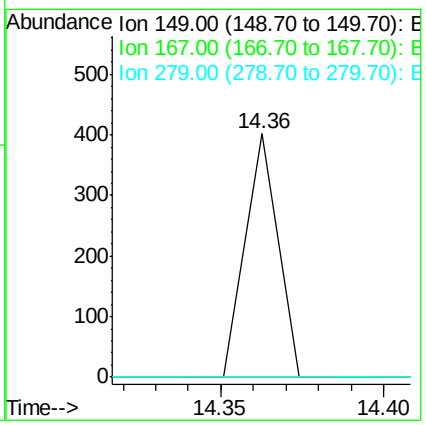


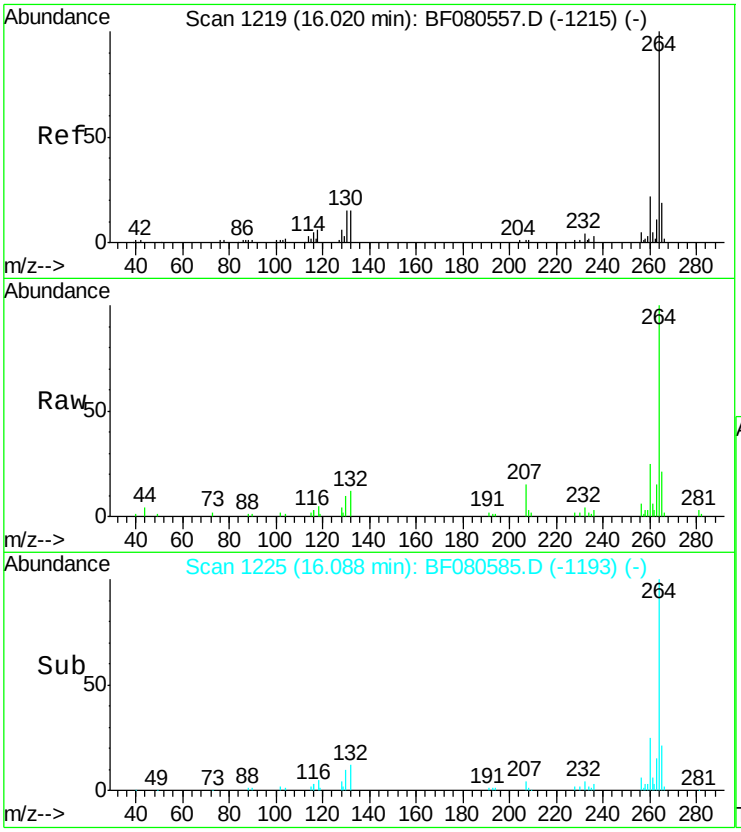




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.16 ng
RT: 14.36 min Scan# 1074
Delta R.T. 0.04 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:149 Resp: 276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 20.2 | 30.2# |
| 279 | 0.0 | 2.0 | 3.0# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.07 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

**Instrument :**
BNA_F
**ClientSampleId :**
RINSATE-BLANK

Tgt Ion:264 Resp: 53830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 17.8 | 26.8 |
| 265 | 20.9 | 15.6 | 23.4 |