Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
Data File : BF080526.D
Acq On : 16 Jul 2015 23:10
Operator : TP/UM
Sample : G2951-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TEC-E3

Quant Time: Jul 17 07:28:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.07 | 152 | 26944 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.36 | 136 | 113940 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.12 | 164 | 52825 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.61 | 188 | 105282 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.39 | 240 | 85641 | 20.00 | ng | -0.05 |
| 86) Perylene-d12 | 16.07 | 264 | 77981 | 20.00 | ng | -0.08 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 142390 | 90.09 | ng | 0.01 |
| 7) Phenol-d6 | 6.72 | 99 | 189645 | 88.36 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.64 | 82 | 119559 | 61.59 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.91 | 330 | 44033 | 107.13 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.44 | 172 | 268621 | 69.20 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.21 | 244 | 250145 | 60.56 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.85 | 77 | 3968 | 2.72 | ng | # 56 |
| 10) Phenol | 6.85 | 94 | 260 | 0.11 | ng | # 1 |
| 15) Benzyl Alcohol | 7.23 | 79 | 2030 | 1.35 | ng | # 24 |
| 19) n-Nitroso-di-n-propylamine | 7.64 | 70 | 15329 | 11.77 | ng | # 57 |
| 24) Nitrobenzene | 7.64 | 77 | 297 | 0.15 | ng | # 20 |
| 25) Isophorone | 7.64 | 82 | 119572 | 34.87 | ng | # 58 |
| 45) 1,1'-Biphenyl | 9.44 | 154 | 470 | 0.11 | ng | # 1 |
| 47) 2-Nitroaniline | 9.44 | 65 | 256 | 0.31 | ng | # 1 |
| 50) 2,6-Dinitrotoluene | 10.12 | 165 | 6738 | 9.50 | ng | # 37 |
| 56) 2,4-Dinitrotoluene | 10.12 | 165 | 6738 | 6.56 | ng | # 31 |
| 57) Fluorene | 10.91 | 166 | 2357 | 0.65 | ng | # 82 |
| 65) n-Nitrosodiphenylamine | 10.91 | 169 | 1619 | 0.45 | ng | # 42 |
| 66) 4-Bromophenyl-phenylether | 10.91 | 248 | 3434 | 3.35 | ng | # 1 |
| 77) Pyrene | 13.21 | 202 | 805 | 0.14 | ng | # 16 |

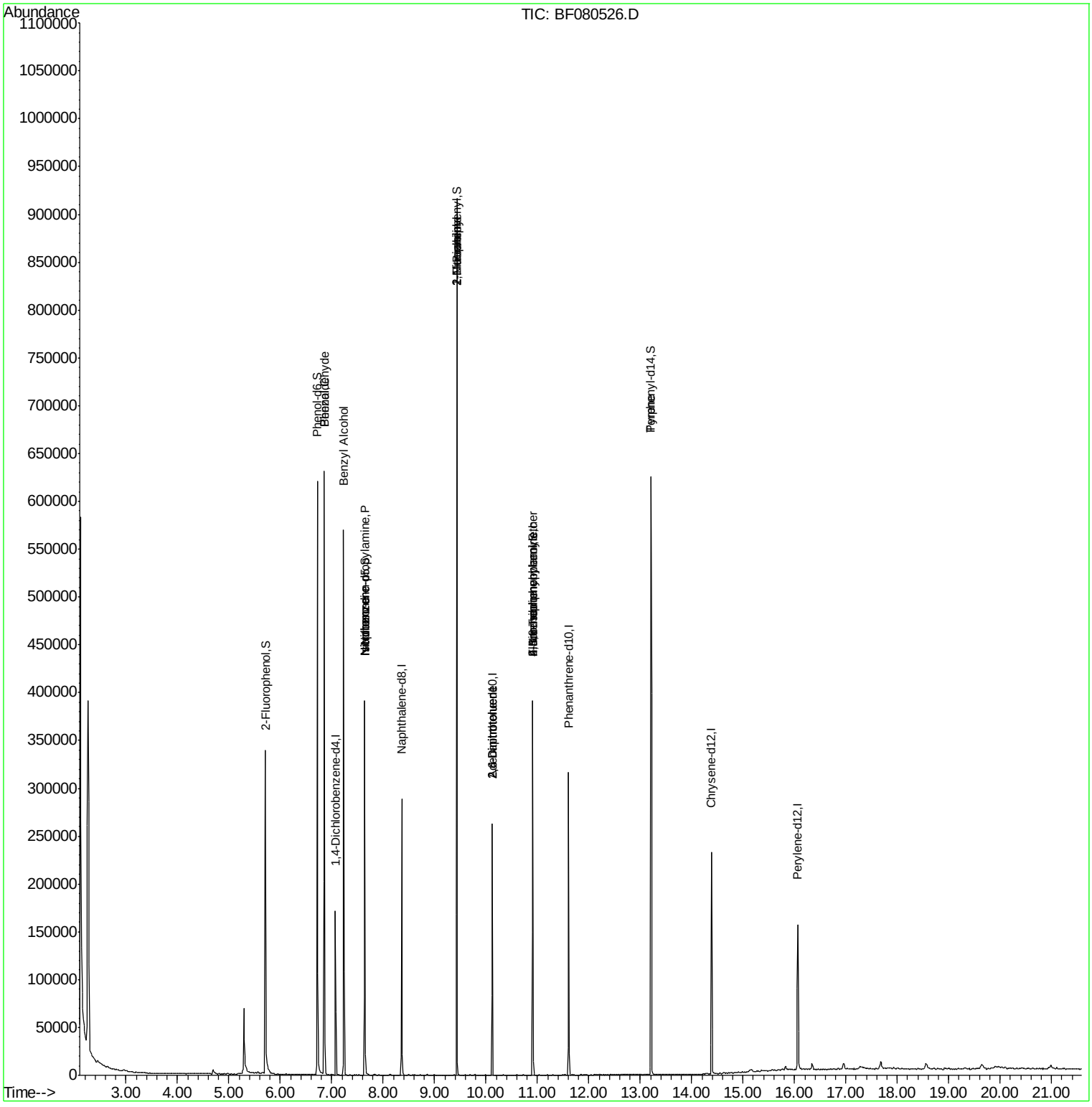
(#) = qualifier out of range (m) = manual integration (+) = signals summed

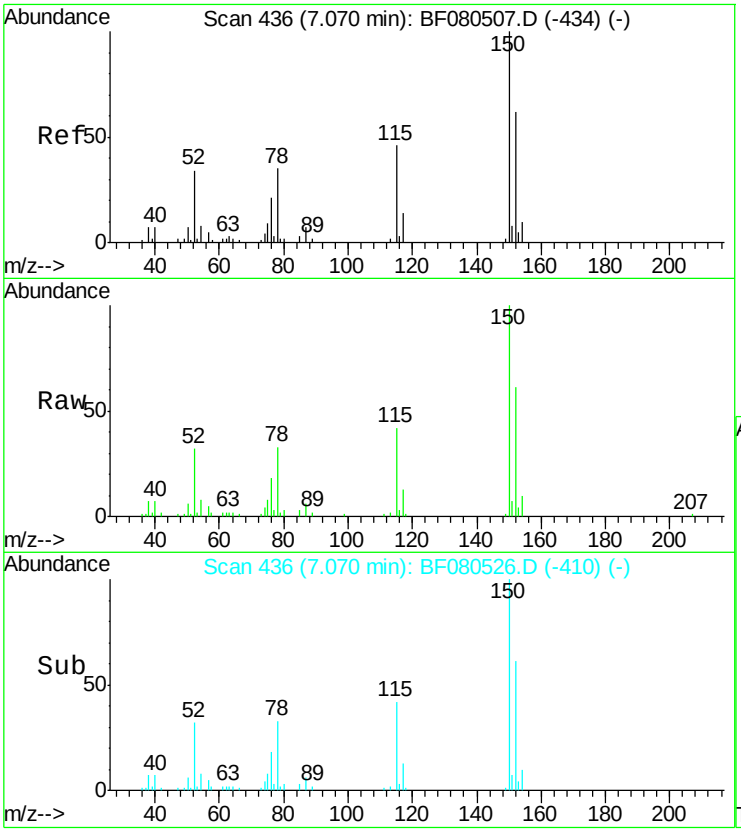
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
Data File : BF080526.D
Acq On : 16 Jul 2015 23:10
Operator : TP/UM
Sample : G2951-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TEC-E3

Quant Time: Jul 17 07:28:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration



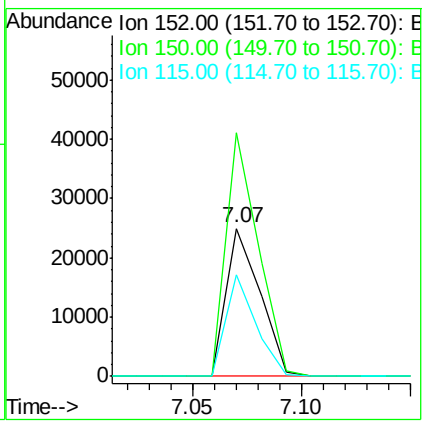


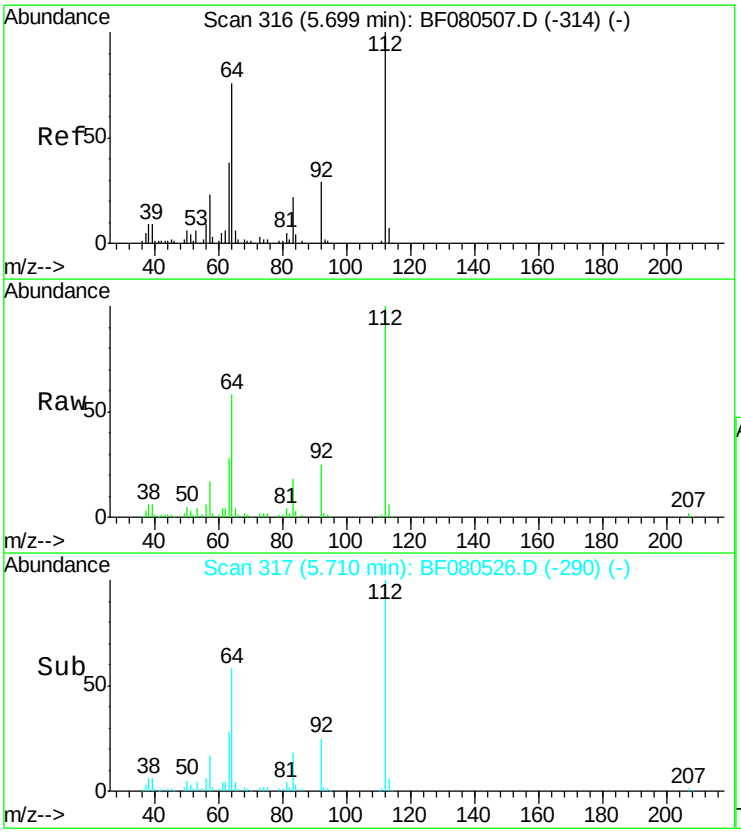

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:152 Resp: 26944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 164.5 | 124.7 | 187.1 |
| 115 | 68.8 | 39.0 | 58.4# |

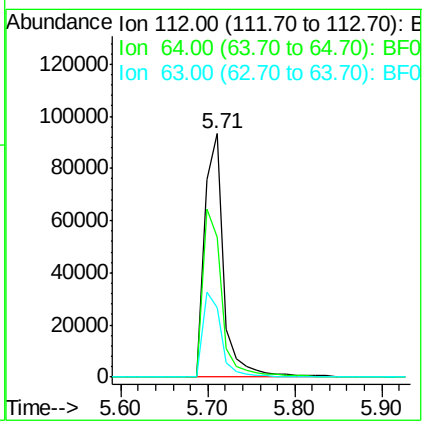


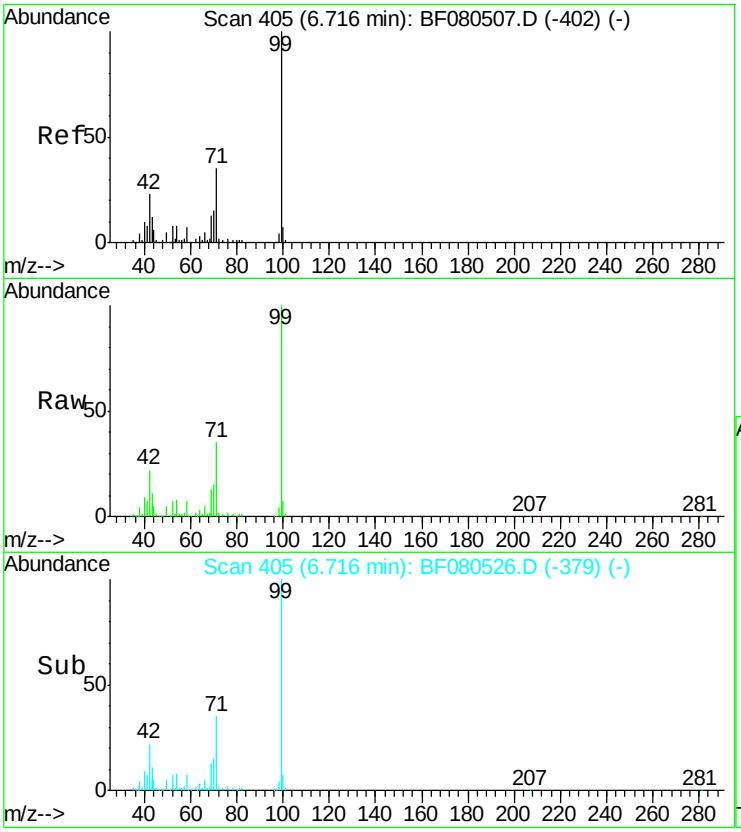




#5
2-Fluorophenol
Concen: 90.09 ng
RT: 5.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:112 Resp: 142390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 39.7 | 59.5 |
| 63 | 28.3 | 17.4 | 26.0# |



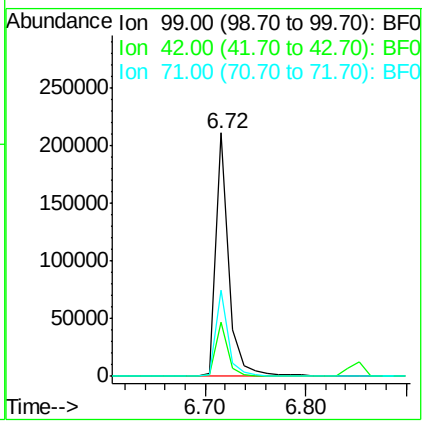


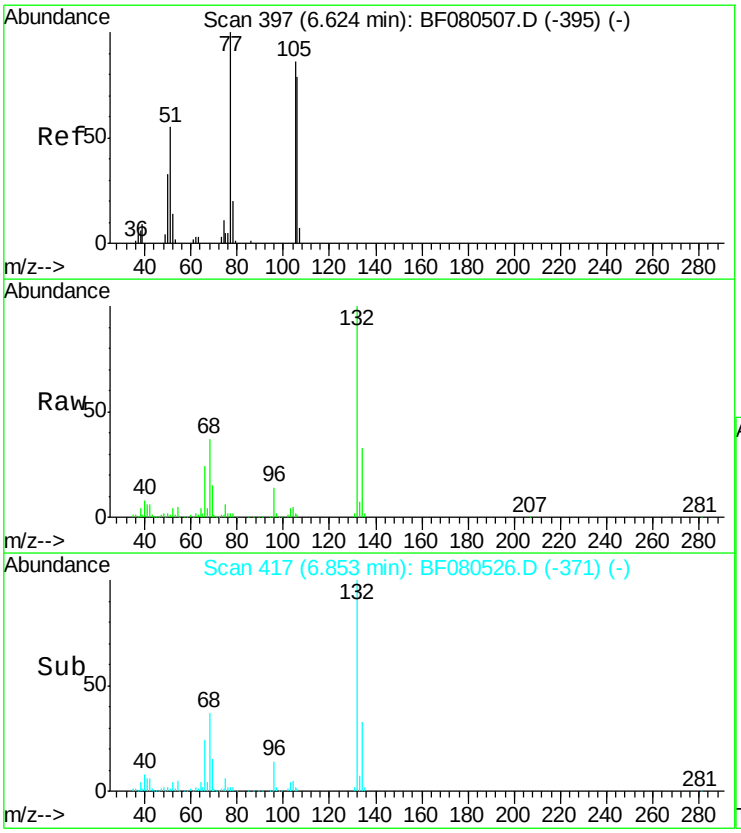

#7
Phenol-d6
Concen: 88.36 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion: 99 Resp: 189645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.5 | 13.7 | 20.5# |
| 71 | 35.5 | 14.2 | 21.2# |

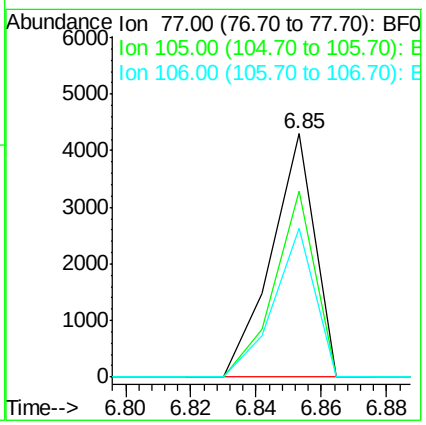


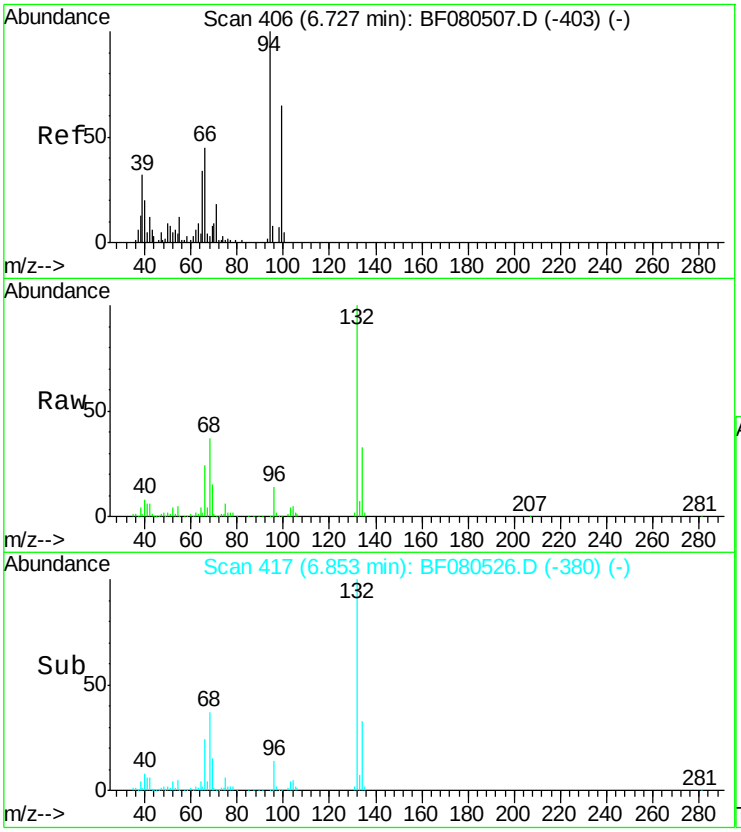




#9
Benzaldehyde
Concen: 2.72 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.23 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion: 77 Resp: 3968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 76.2 | 91.6 | 131.6# |
| 106 | 61.1 | 102.6 | 142.6# |



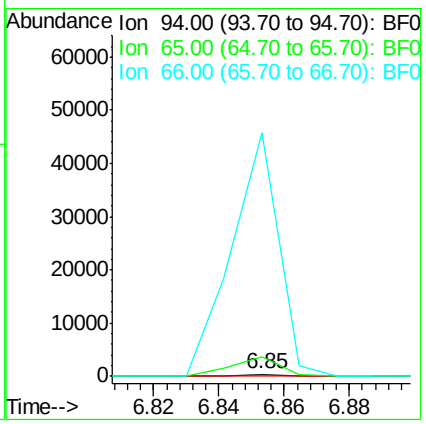


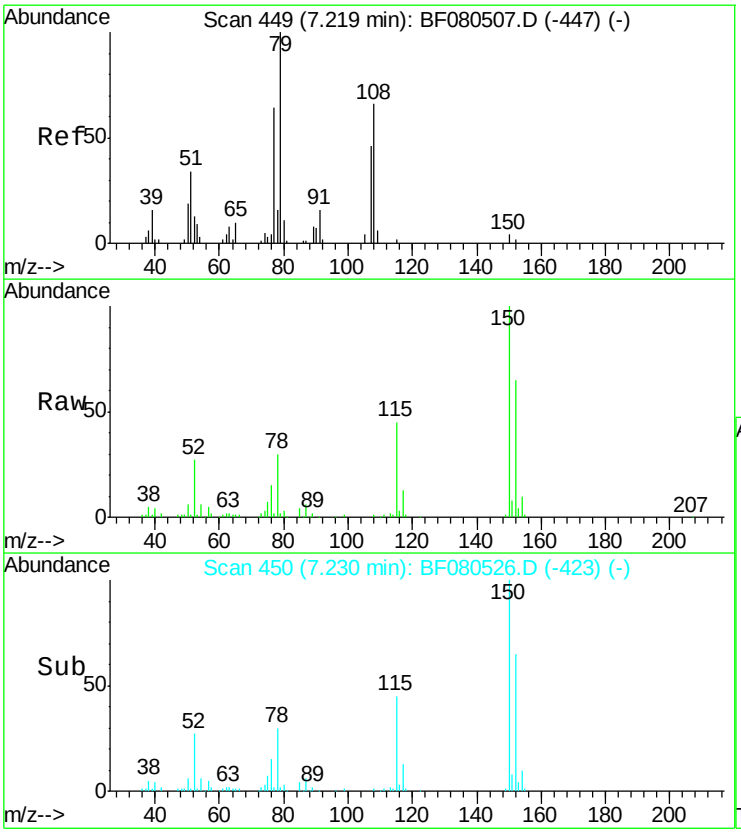

#10
Phenol
Concen: 0.11 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.13 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion: 94 Resp: 260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 994.7 | 0.7 | 40.7# |
| 66 | 12071.8 | 0.8 | 40.8# |

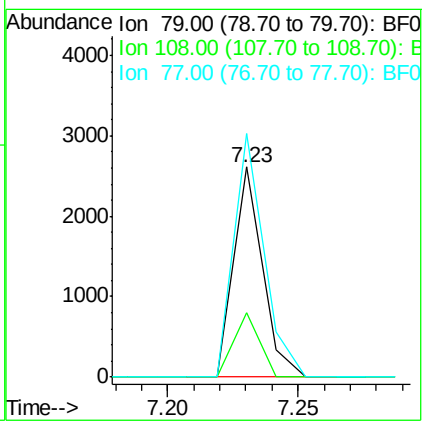


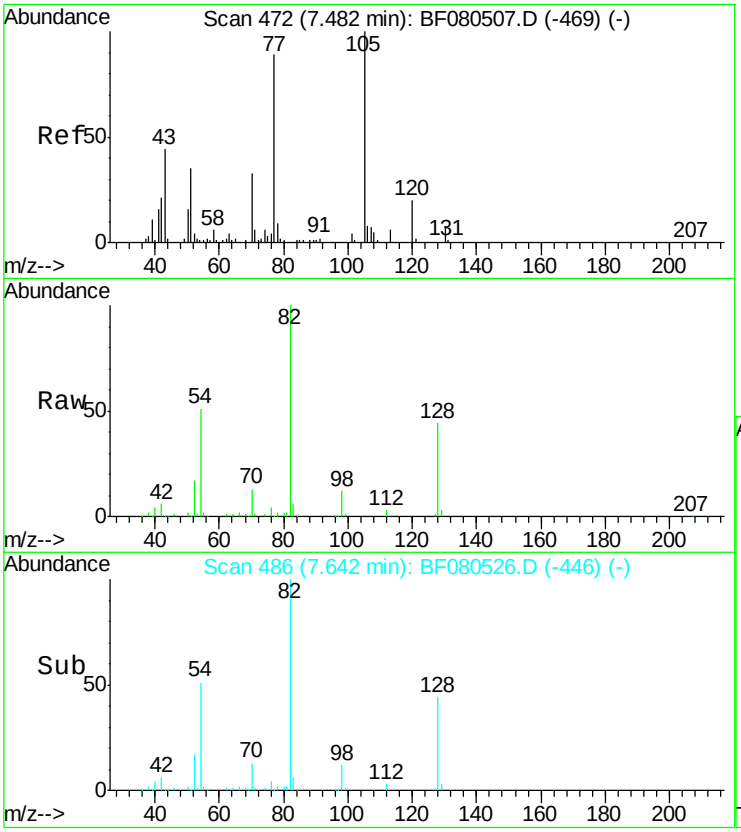




#15
Benzyl Alcohol
Concen: 1.35 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion: 79 Resp: 2030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 30.5 | 88.6 | 132.8# |
| 77 | 115.8 | 47.0 | 70.4# |



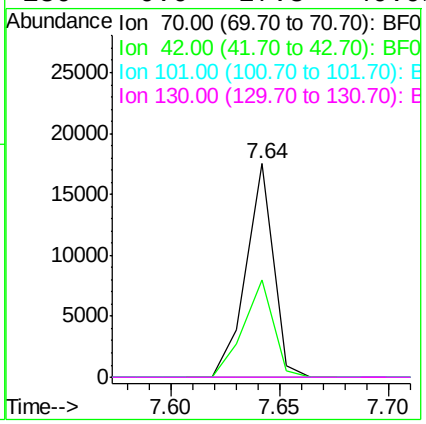


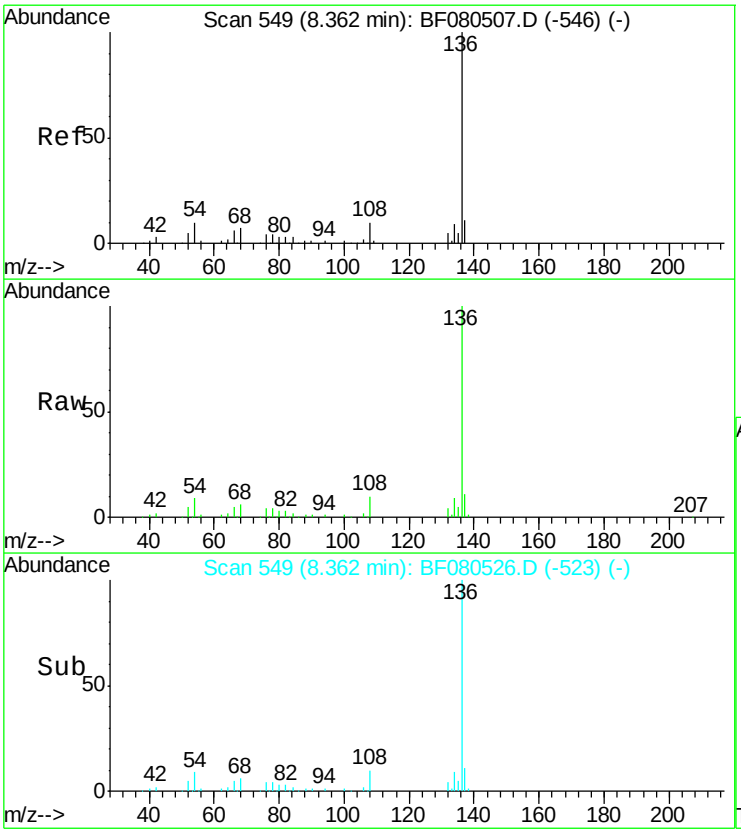

#19
n-Nitroso-di-n-propylamine
Concen: 11.77 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.16 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion: 70 Resp: 15329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.7 | 63.8 | 95.6# |
| 101 | 0.0 | 9.2 | 13.8# |
| 130 | 0.0 | 27.3 | 40.9# |

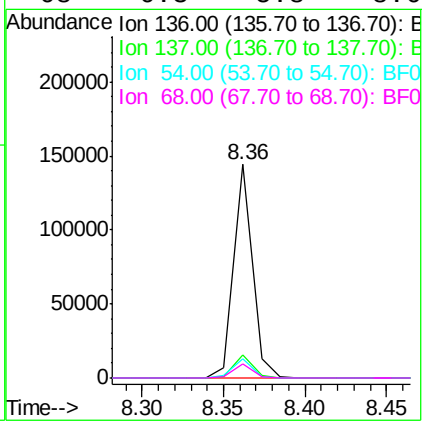


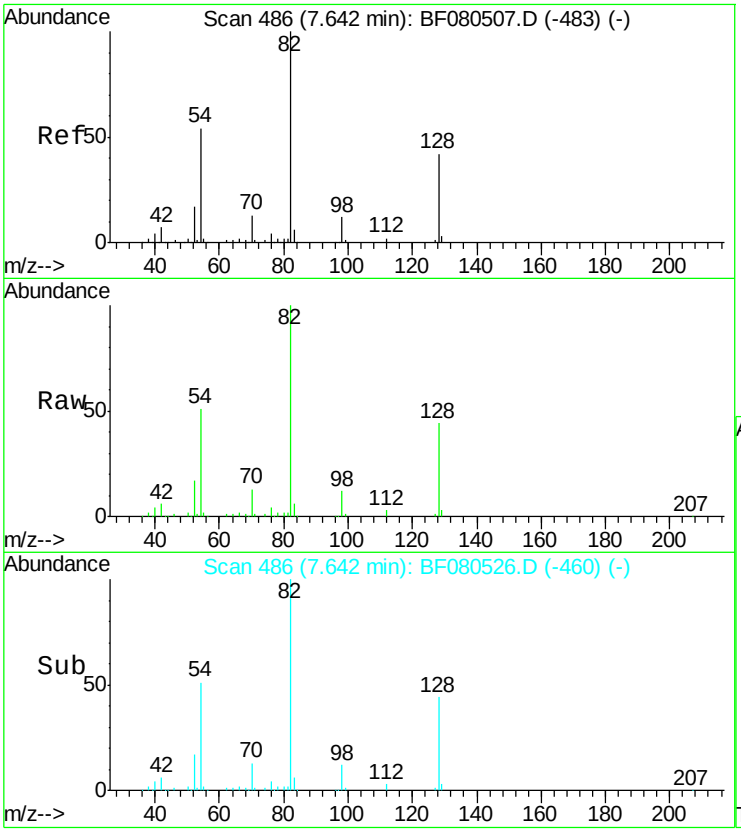




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:136 Resp: 113940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.0 | 13.6 |
| 54 | 8.9 | 8.2 | 12.2 |
| 68 | 6.3 | 5.8 | 8.6 |



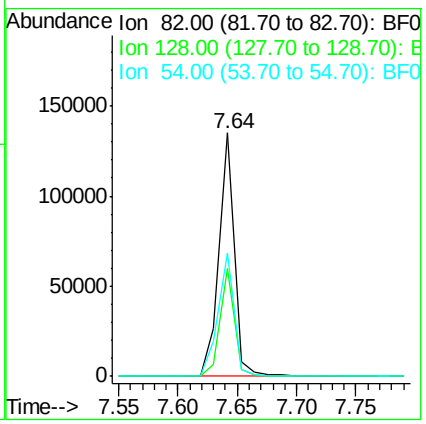


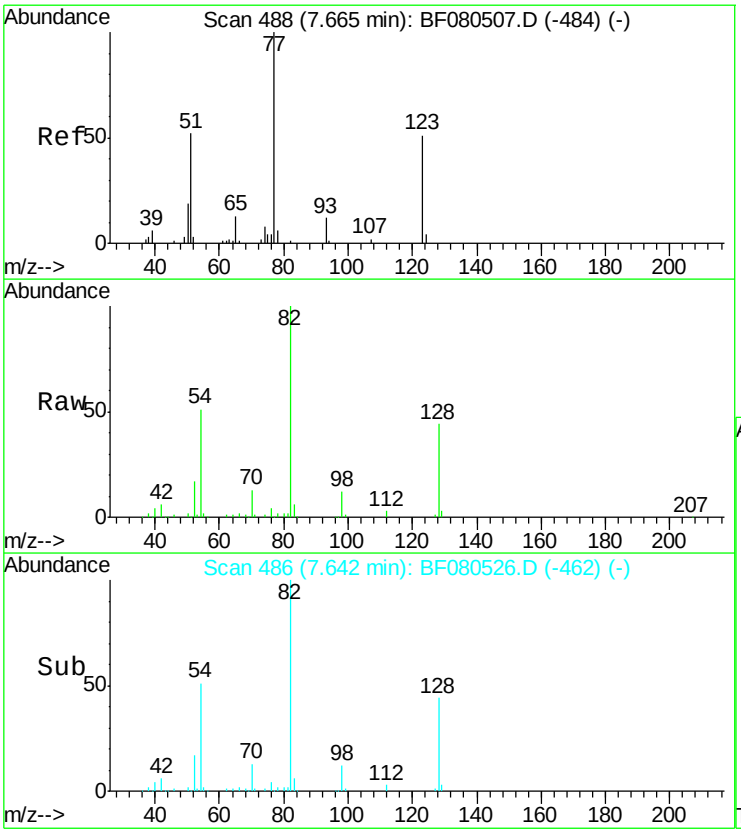

#23
Nitrobenzene-d5
Concen: 61.59 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion: 82 Resp: 119559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 51.0 | 76.6# |
| 54 | 50.7 | 47.5 | 71.3 |

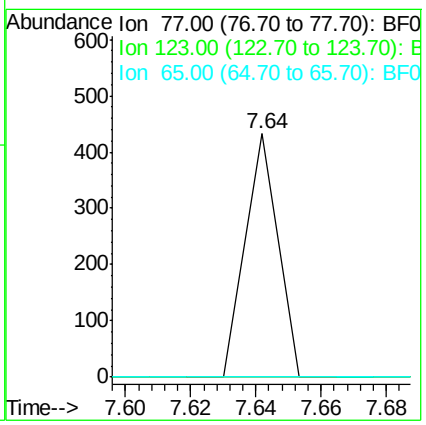


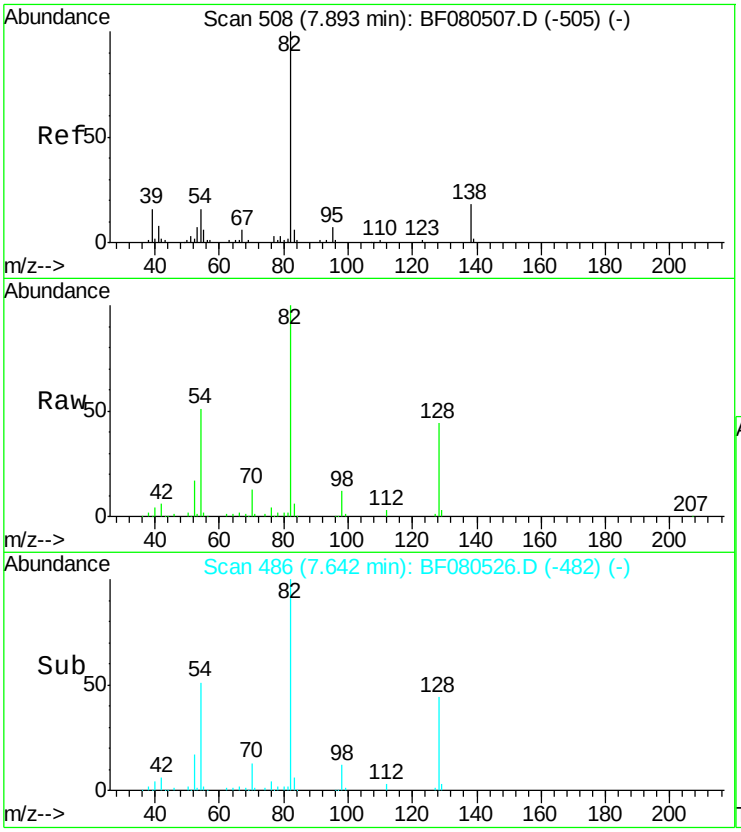




#24
Nitrobenzene
Concen: 0.15 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion: 77 Resp: 297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 59.8 | 89.8# |
| 65 | 0.0 | 10.2 | 15.4# |



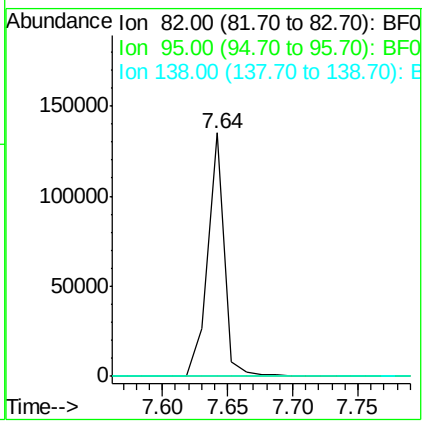


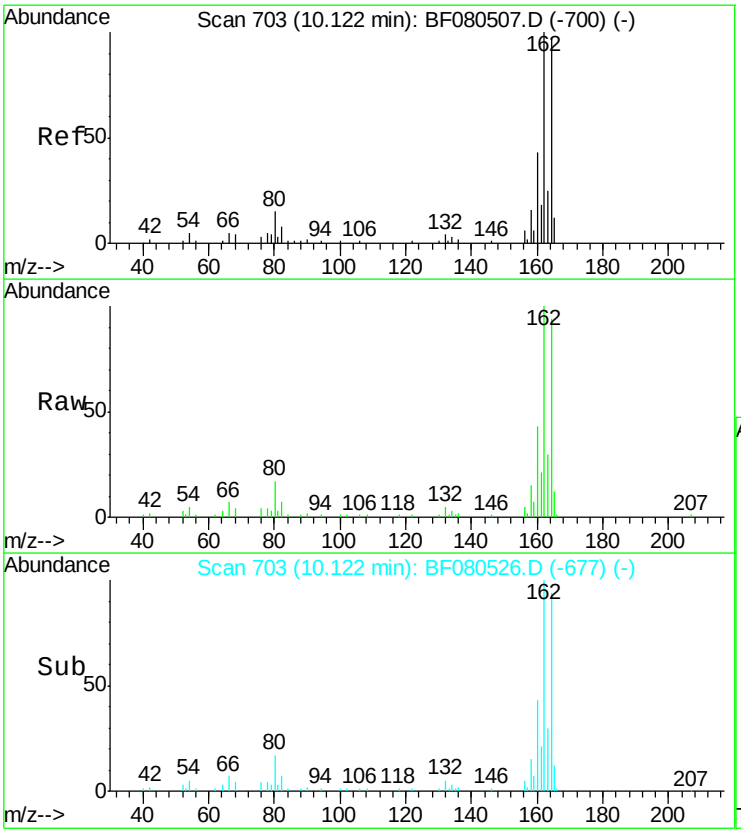

#25
Isophorone
Concen: 34.87 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.25 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion: 82 Resp: 119572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 4.0 | 6.0# |
| 138 | 0.0 | 18.3 | 27.5# |

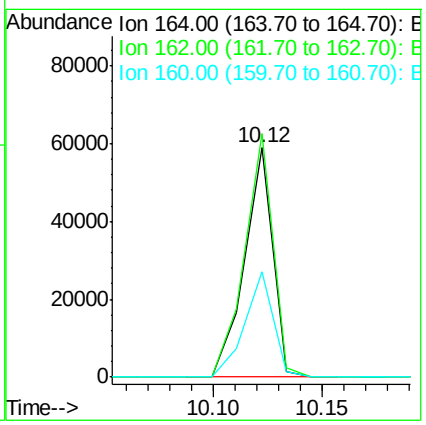


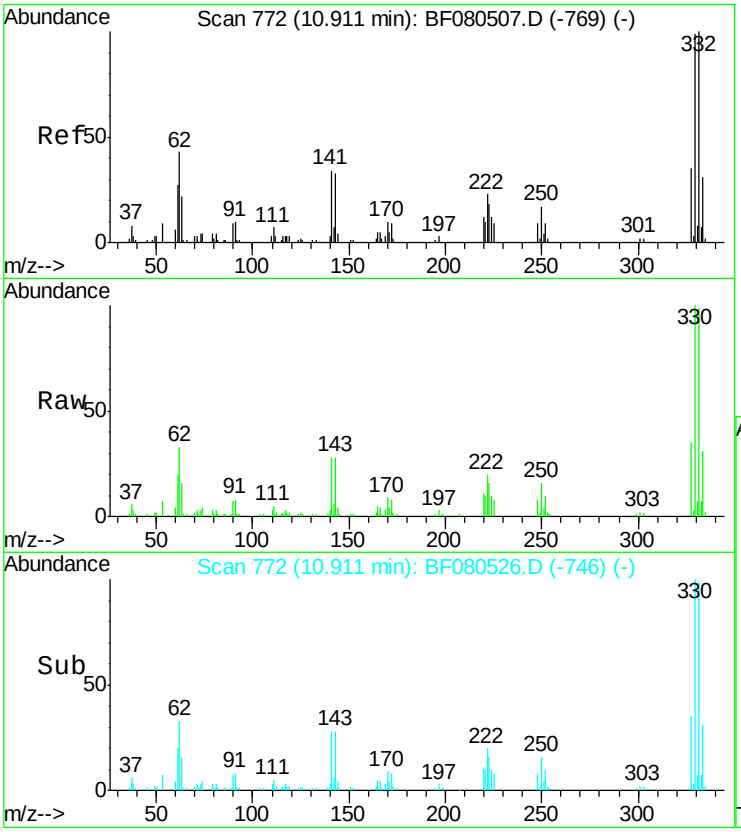




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:164 Resp: 52825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.1 | 75.2 | 112.8 |
| 160 | 45.9 | 31.5 | 47.3 |



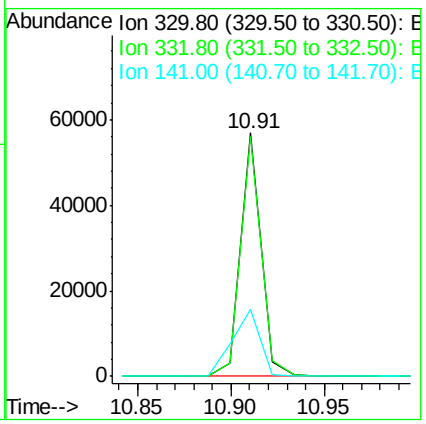


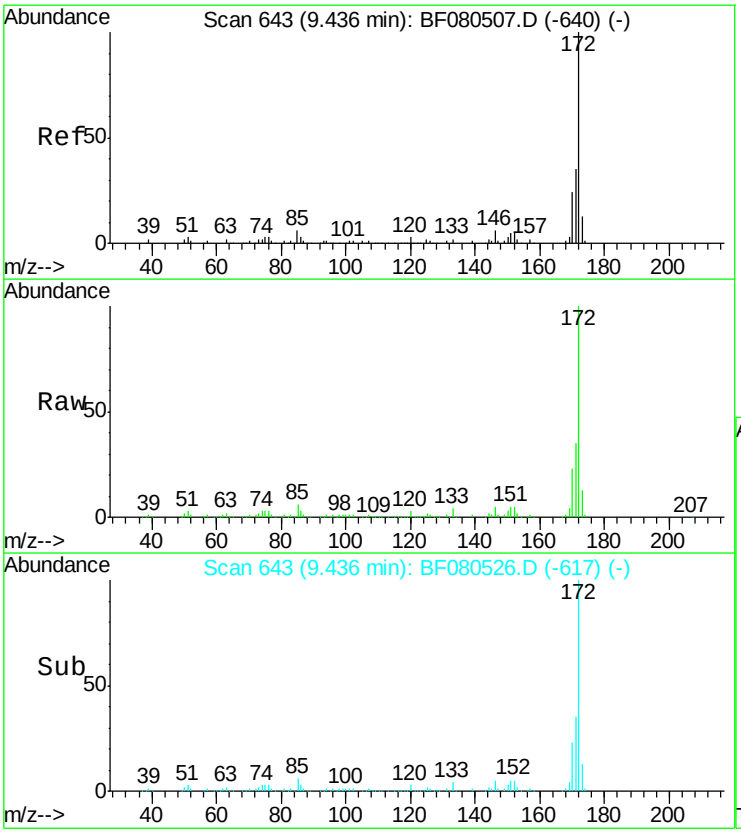

#41
2,4,6-Tribromophenol
Concen: 107.13 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:330 Resp: 44033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.8 | 76.6 | 114.8 |
| 141 | 37.3 | 29.7 | 44.5 |

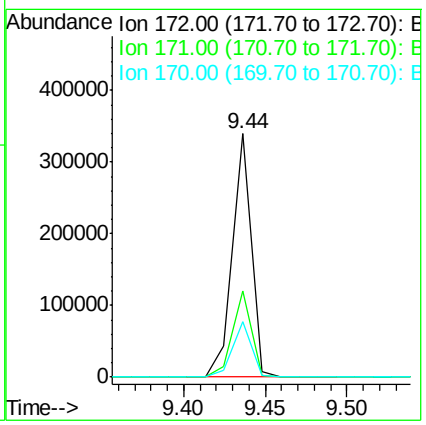


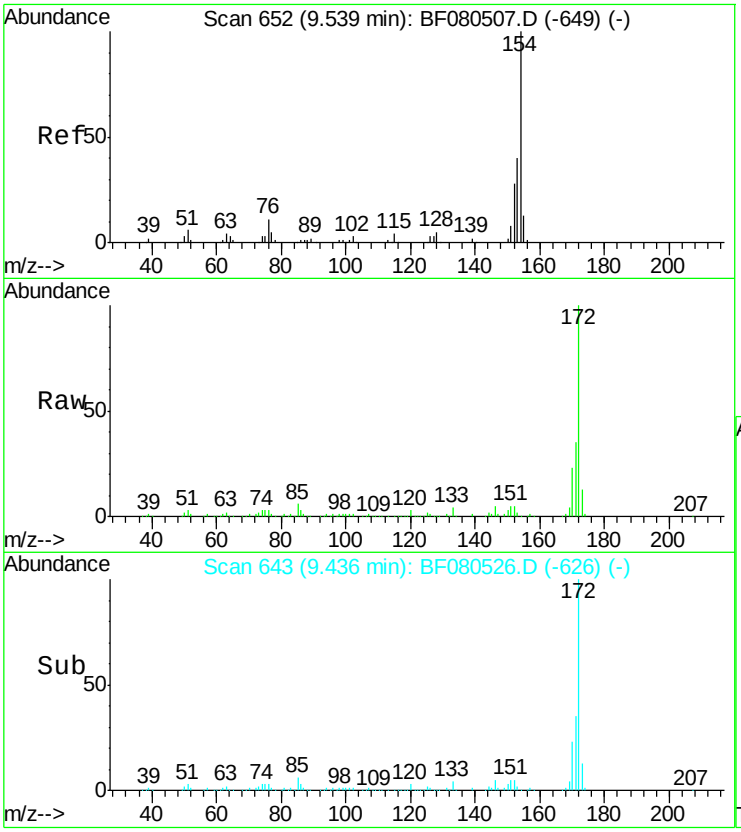




#44
2-Fluorobiphenyl
Concen: 69.20 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:172 Resp: 268621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 26.1 | 39.1 |
| 170 | 23.0 | 17.4 | 26.2 |



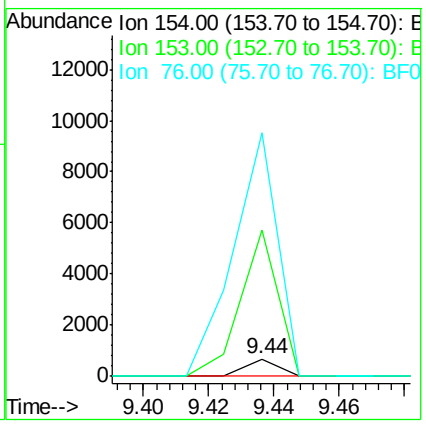


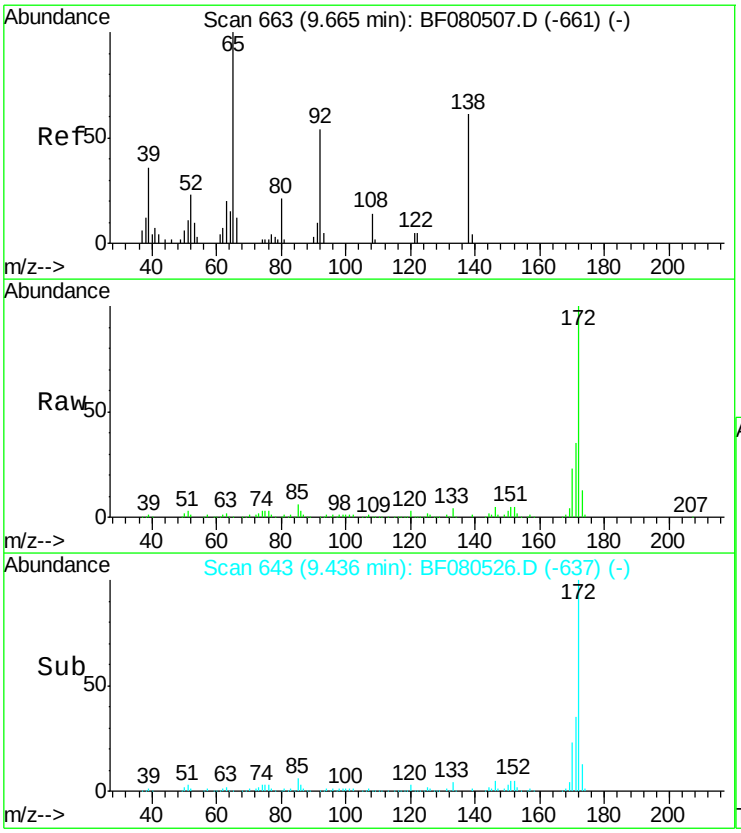

#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.10 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:154 Resp: 470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 831.6 | 17.1 | 57.1# |
| 76 | 1387.9 | 0.0 | 31.6# |

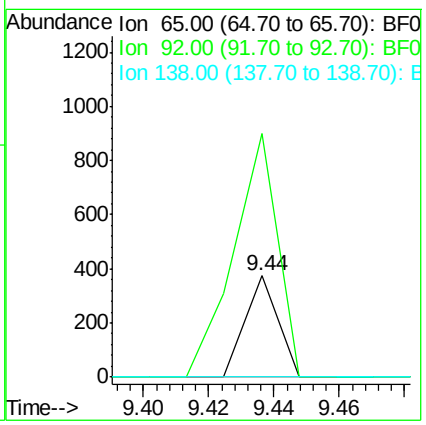


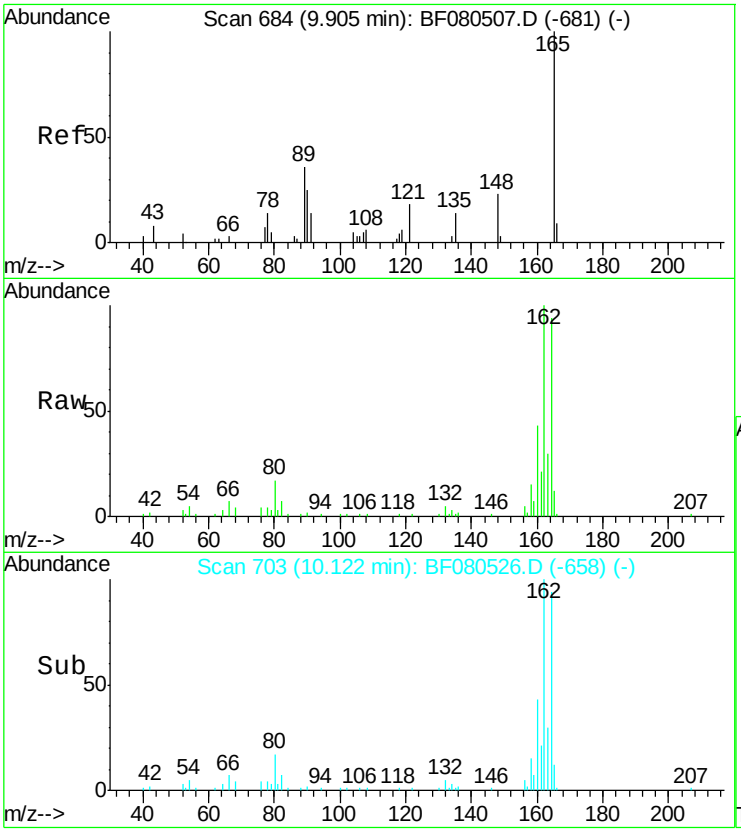




#47
2-Nitroaniline
Concen: 0.31 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.23 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion: 65 Resp: 256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 240.4 | 55.4 | 83.0# |
| 138 | 0.0 | 115.5 | 173.3# |



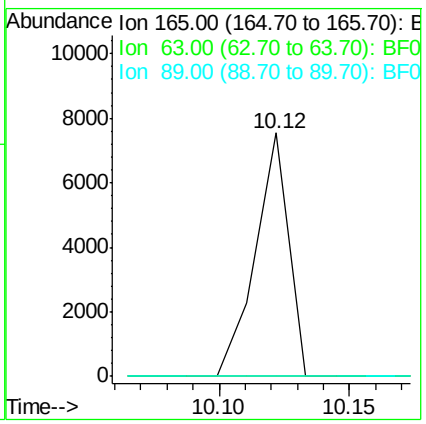


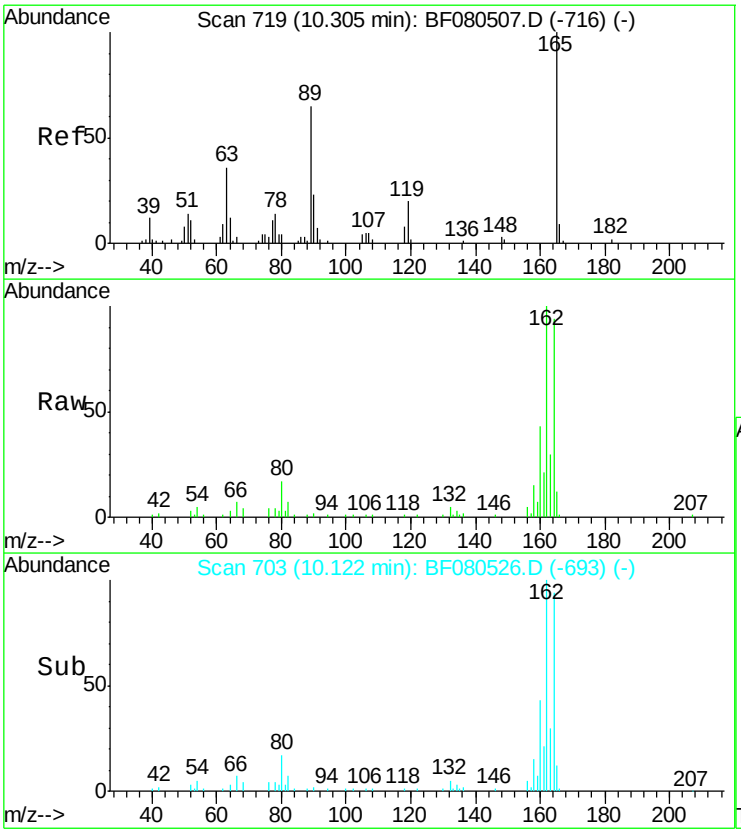

#50
2,6-Dinitrotoluene
Concen: 9.50 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.22 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:165 Resp: 6738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 32.3 | 48.5# |
| 89 | 0.0 | 28.6 | 43.0# |

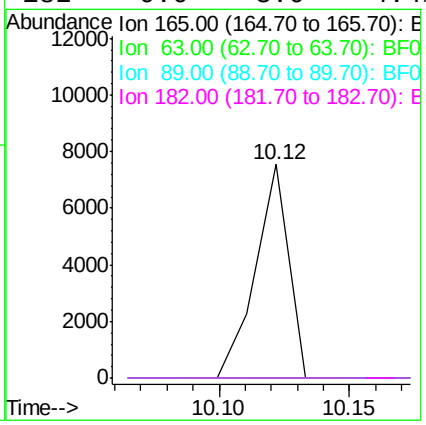


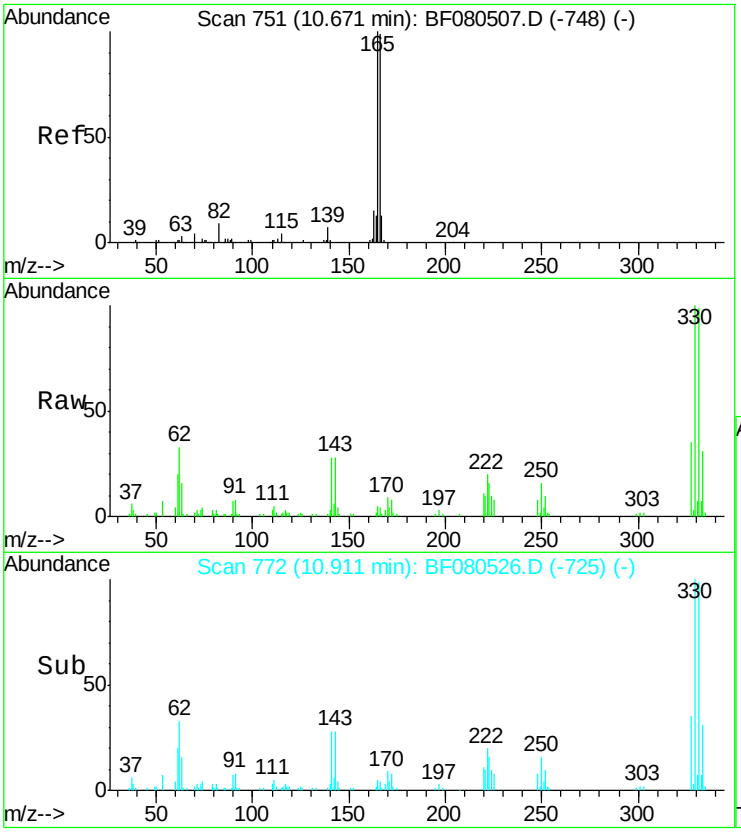




#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.18 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:165 Resp: 6738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 29.8 | 44.6# |
| 89 | 0.0 | 44.5 | 66.7# |
| 182 | 0.0 | 3.0 | 4.4# |



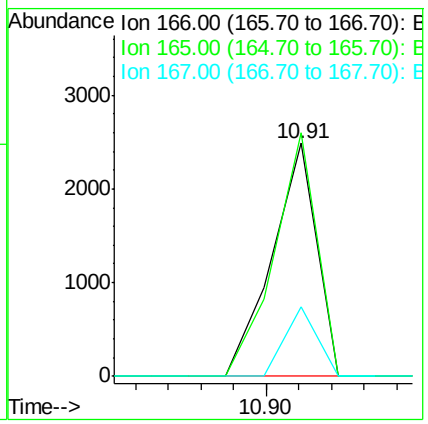


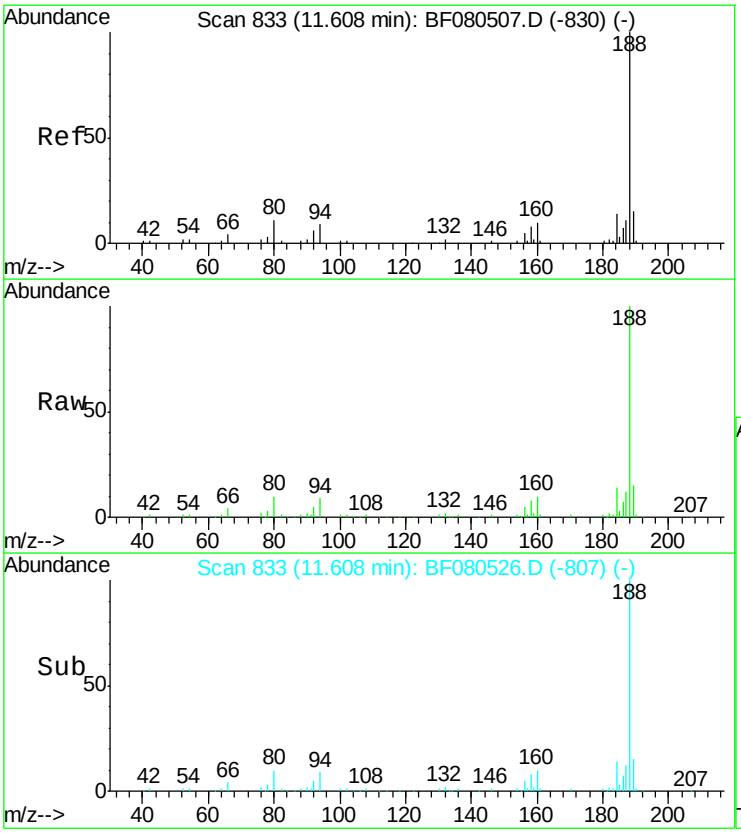

#57
Fluorene
Concen: 0.65 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.24 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:166 Resp: 2357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 104.4 | 72.6 | 109.0 |
| 167 | 29.8 | 10.6 | 16.0# |

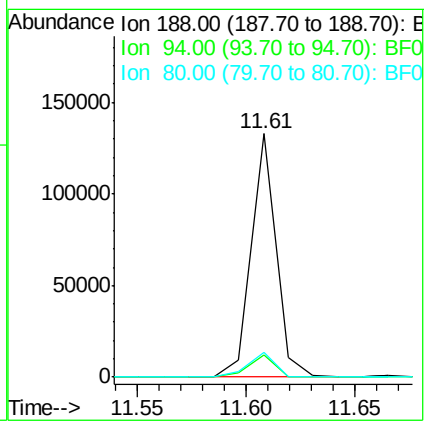


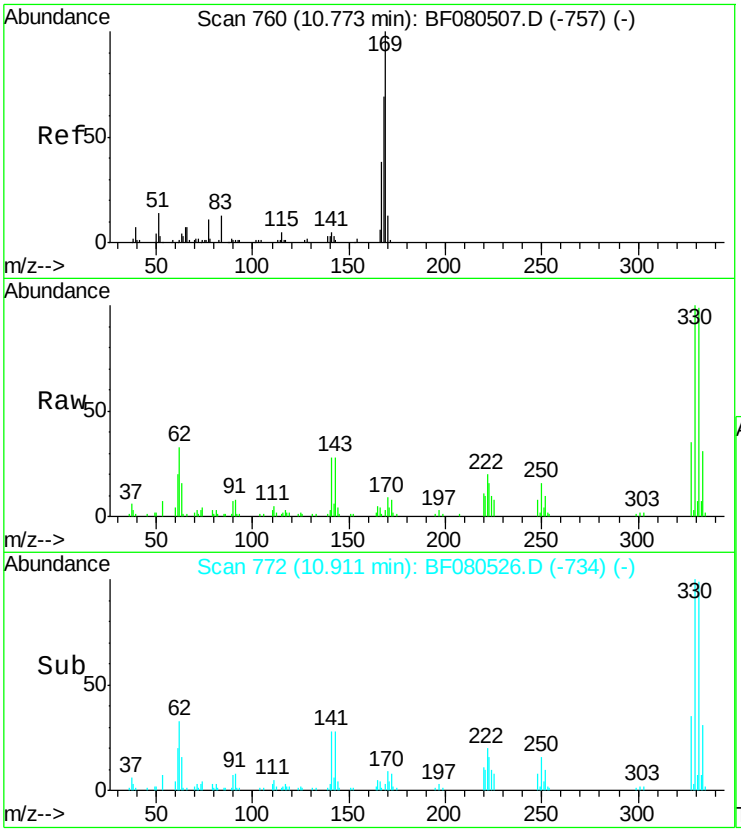




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:188 Resp: 105282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 11.1 | 16.7# |
| 80 | 10.3 | 11.0 | 16.4# |



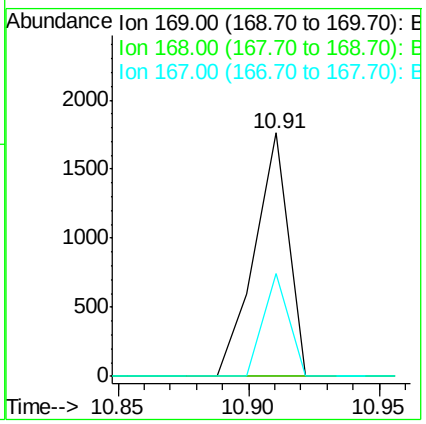


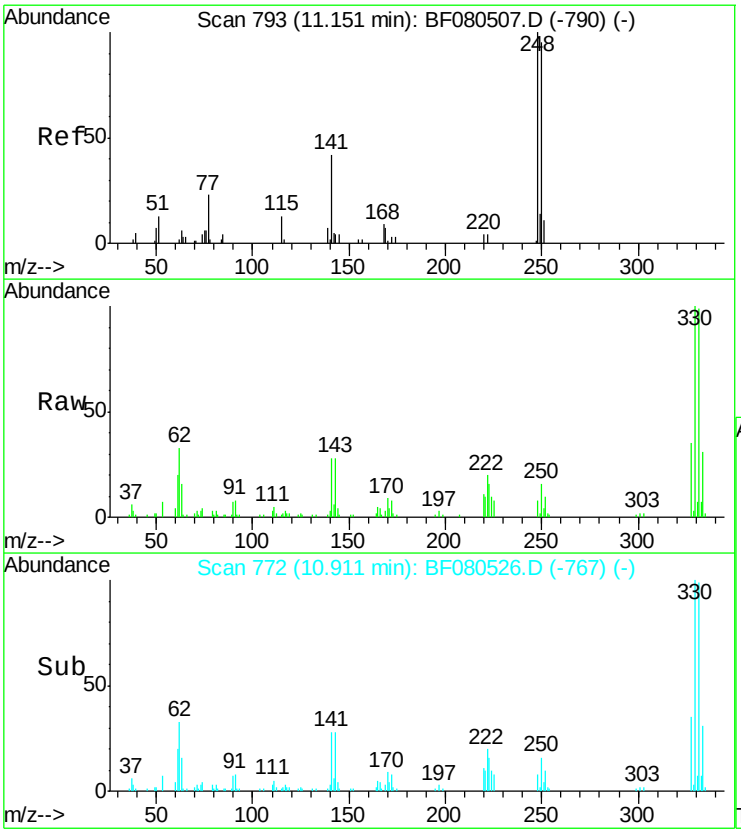

#65
n-Nitrosodiphenylamine
Concen: 0.45 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.14 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:169 Resp: 1619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 48.9 | 73.3# |
| 167 | 42.1 | 26.2 | 39.4# |

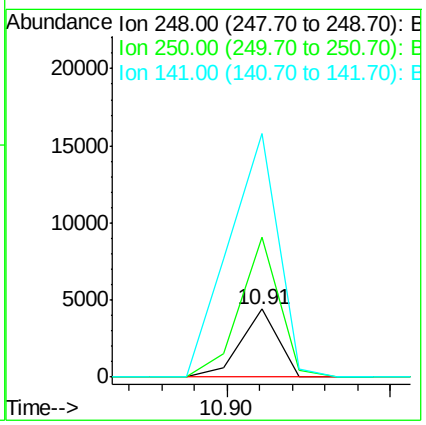


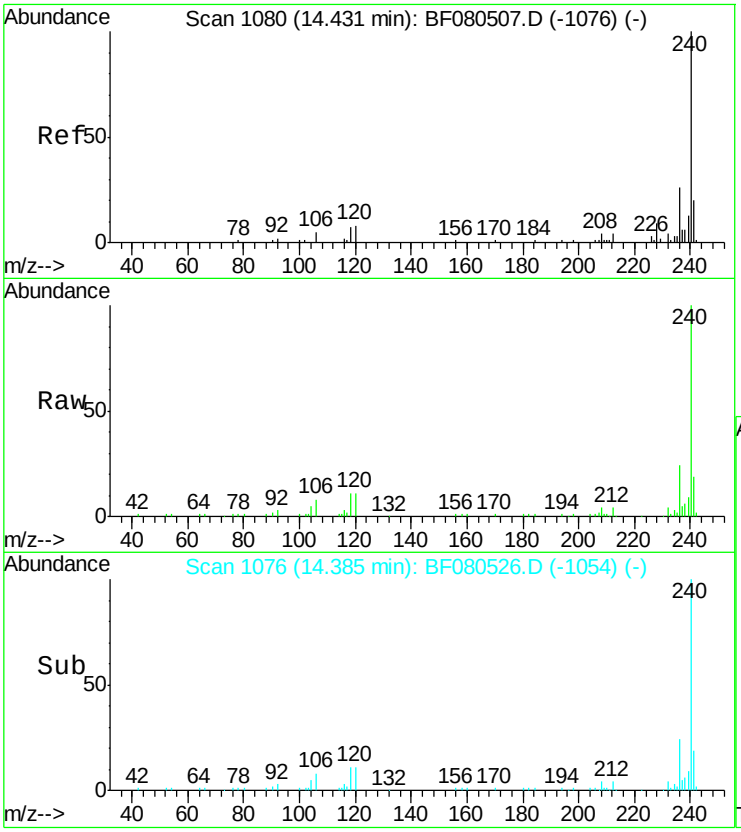




#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.24 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:248 Resp: 3434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 206.6 | 78.5 | 117.7# |
| 141 | 358.3 | 59.0 | 88.6# |



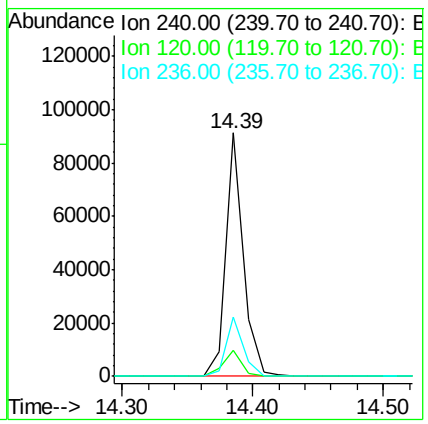


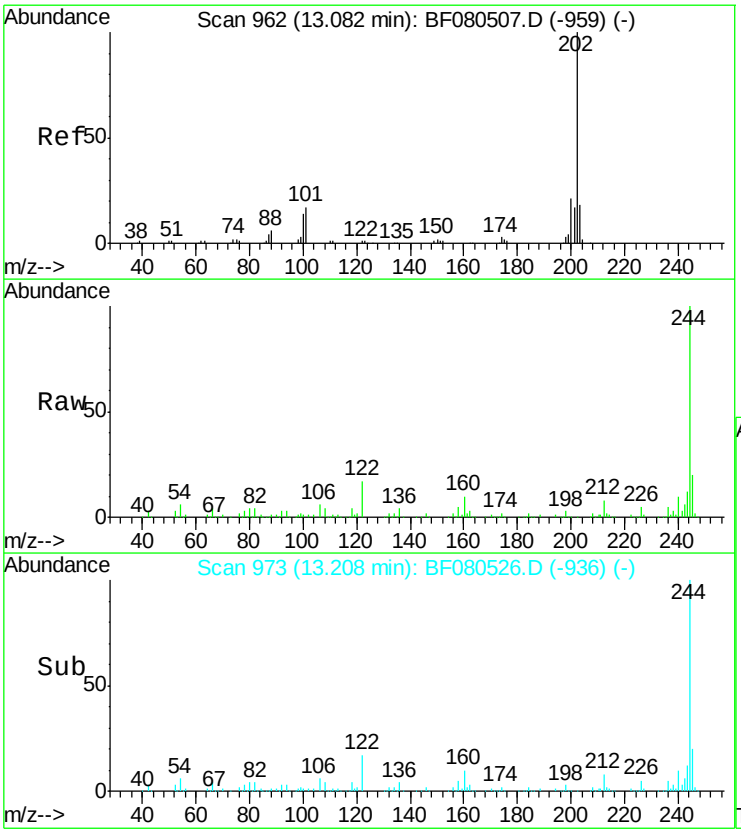

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.39 min Scan# 1076
Delta R.T. -0.05 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:240 Resp: 85641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 16.2 | 24.2# |
| 236 | 24.2 | 18.4 | 27.6 |

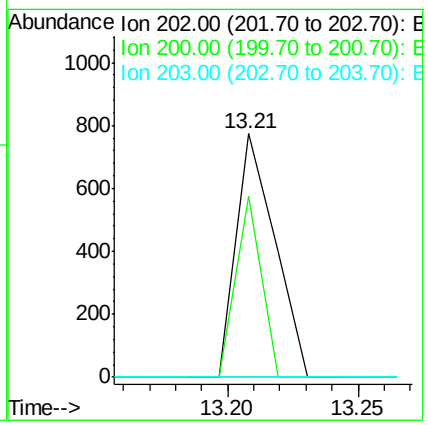


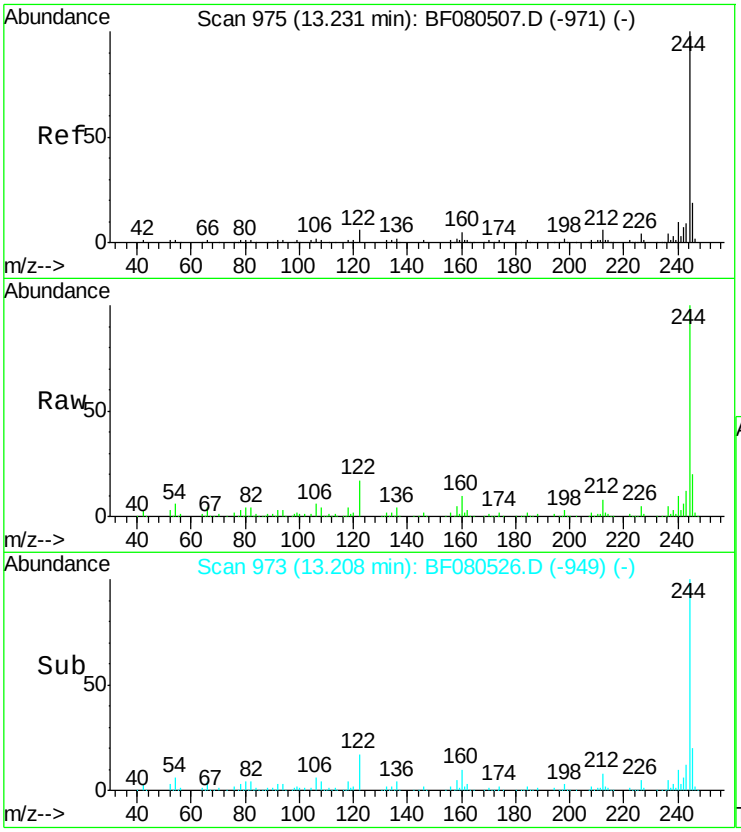




#77
Pyrene
Concen: 0.14 ng
RT: 13.21 min Scan# 973
Delta R.T. 0.13 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:202 Resp: 805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 74.5 | 15.0 | 22.4# |
| 203 | 0.0 | 14.1 | 21.1# |



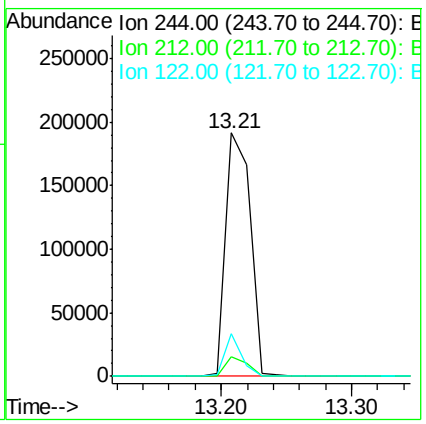


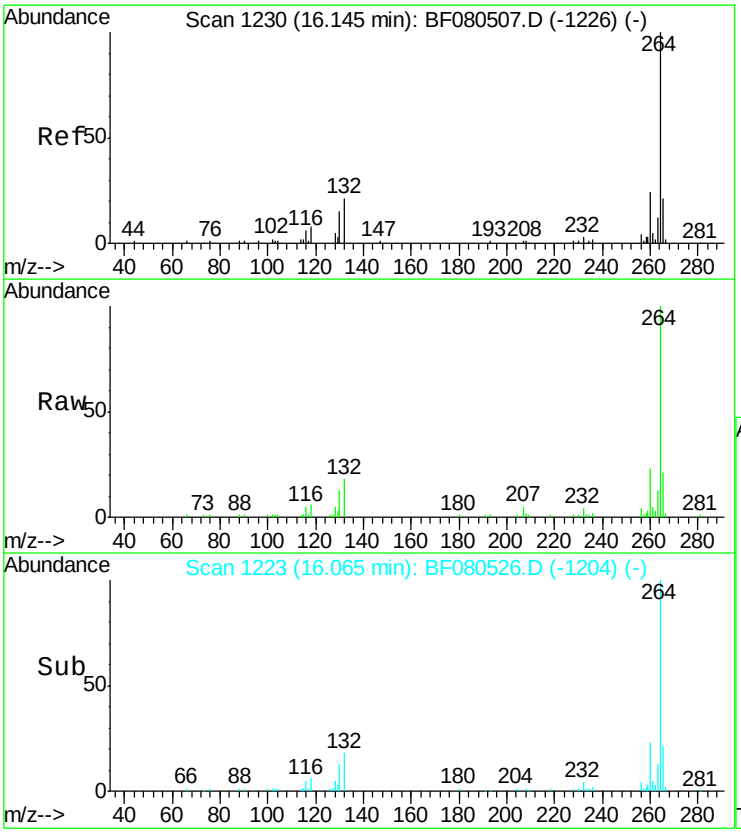

#78
Terphenyl-d14
Concen: 60.56 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

**Instrument :**
BNA_F
**ClientSampleId :**
TEC-E3

Tgt Ion:244 Resp: 250145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 4.3 | 6.5# |
| 122 | 17.3 | 17.4 | 26.2# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1223
Delta R.T. -0.08 min
Lab File: BF080526.D
Acq: 16 Jul 2015 23:10

Tgt Ion:264 Resp: 77981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 16.7 | 25.1 |
| 265 | 21.2 | 17.2 | 25.8 |