Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087169.D
Acq On : 19 May 2016 4:19
Operator : UM/SJ
Sample : H3105-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-21

Quant Time: May 19 04:59:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.58 | 152 | 121440 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.86 | 136 | 491786 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 233565 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 389039 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.71 | 240 | 302291 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.06 | 264 | 296589 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.16 | 112 | 506026 | 70.04 | ng | 0.00 |
| 7) Phenol-d6 | 6.24 | 99 | 443710 | 45.79 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.15 | 82 | 922870 | 93.53 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 279328 | 108.22 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 8.95 | 172 | 1505906 | 106.78 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.67 | 244 | 1205016 | 90.17 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.35 | 77 | 24647 | 3.51 | ng | # 79 |
| 15) Benzyl Alcohol | 6.73 | 79 | 16520 | 2.29 | ng | # 45 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 130610 | 17.73 | ng | # 74 |
| 25) Isophorone | 7.15 | 82 | 917860 | 50.81 | ng | # 68 |
| 50) 2,6-Dinitrotoluene | 9.61 | 165 | 29891 | 7.73 | ng | # 20 |
| 55) 4-Nitrophenol | 9.83 | 139 | 647 | Below Cal | | # 14 |
| 56) 2,4-Dinitrotoluene | 9.61 | 165 | 29891 | 6.03 | ng | # 16 |
| 66) 4-Bromophenyl-phenylether | 10.40 | 248 | 17502 | 4.37 | ng | # 1 |

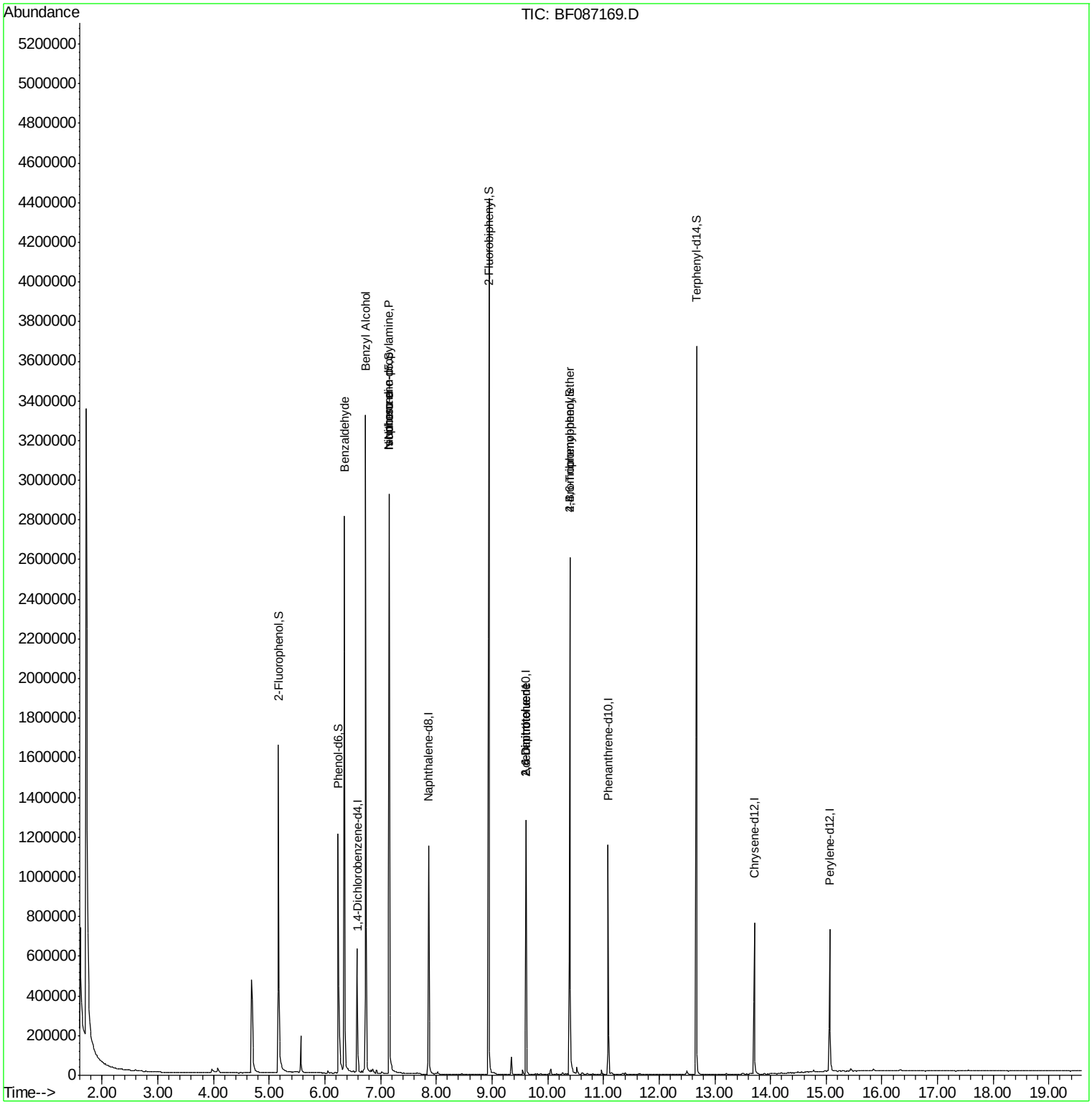
(#) = qualifier out of range (m) = manual integration (+) = signals summed

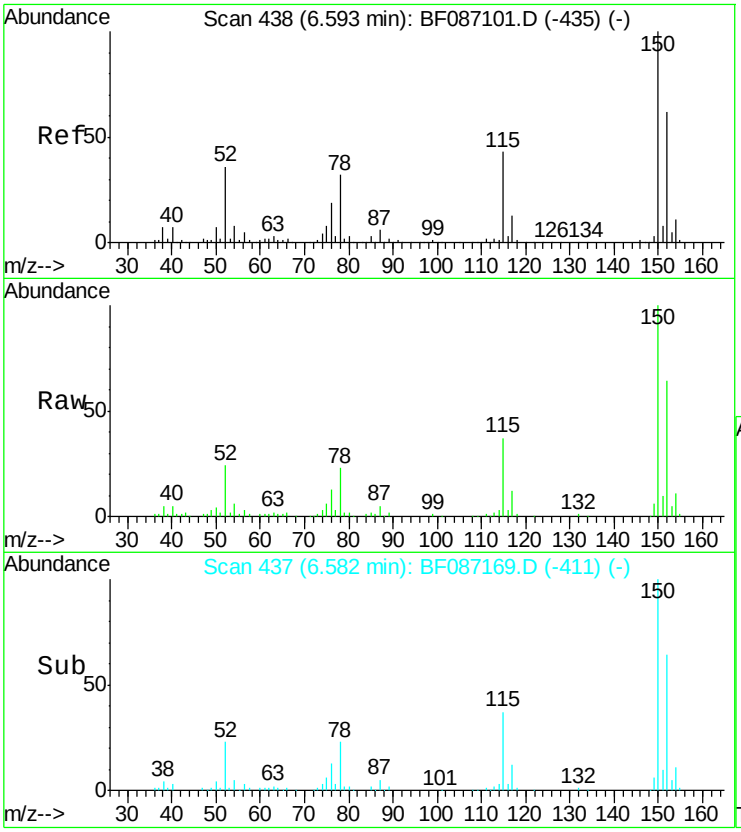
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087169.D
Acq On : 19 May 2016 4:19
Operator : UM/SJ
Sample : H3105-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-21

Quant Time: May 19 04:59:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration



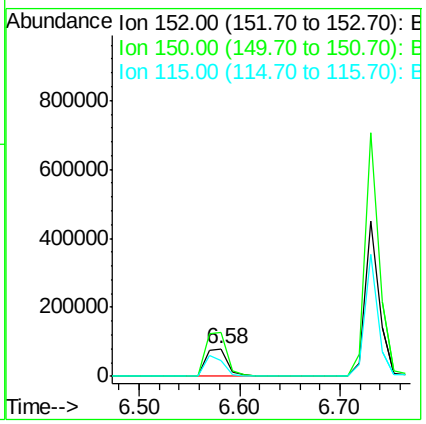


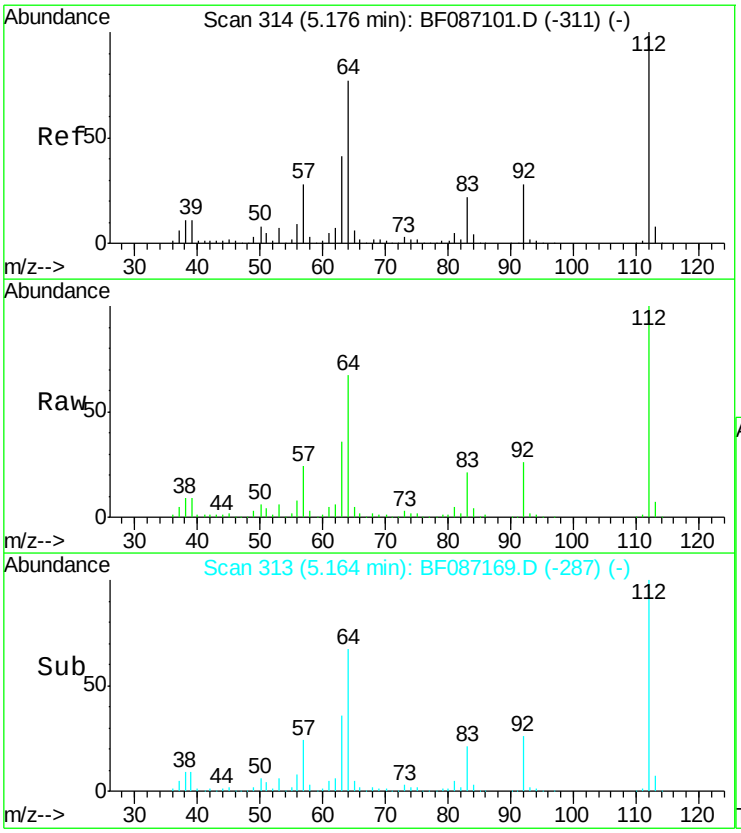

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:152 Resp: 121440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.1 | 125.8 | 188.6 |
| 115 | 57.2 | 51.5 | 77.3 |

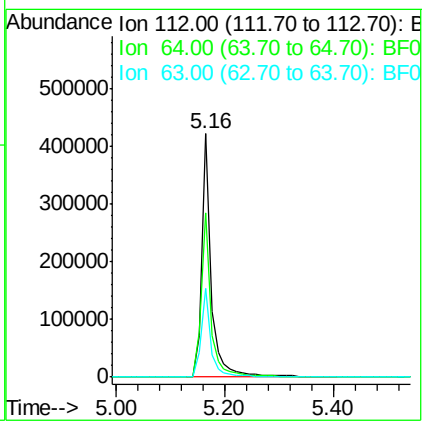


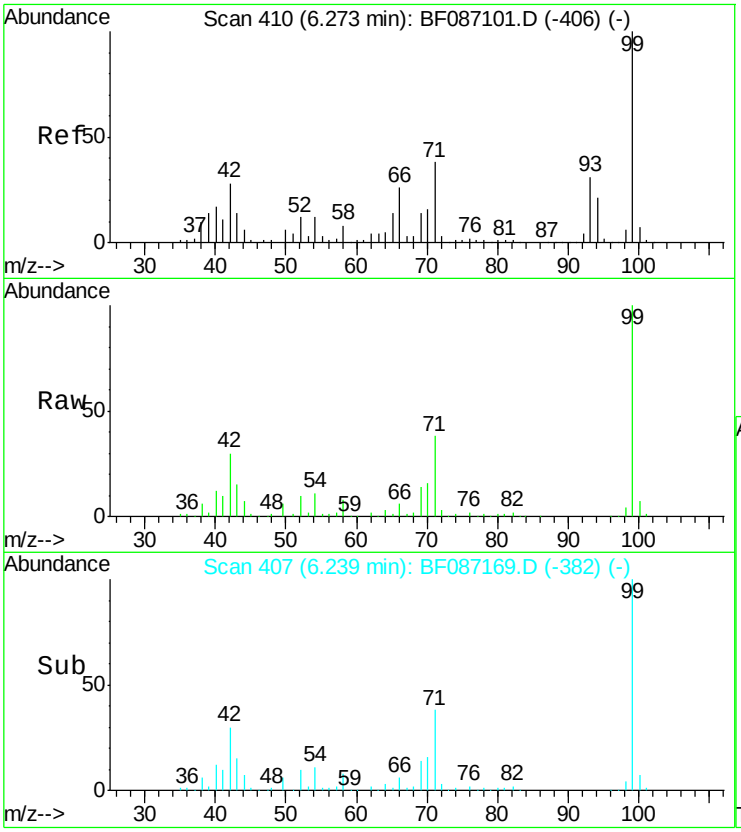




#5
2-Fluorophenol
Concen: 70.04 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:112 Resp: 506026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.2 | 52.1 | 78.1 |
| 63 | 36.5 | 25.7 | 38.5 |



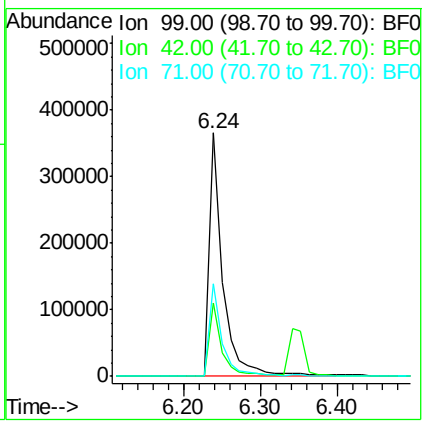


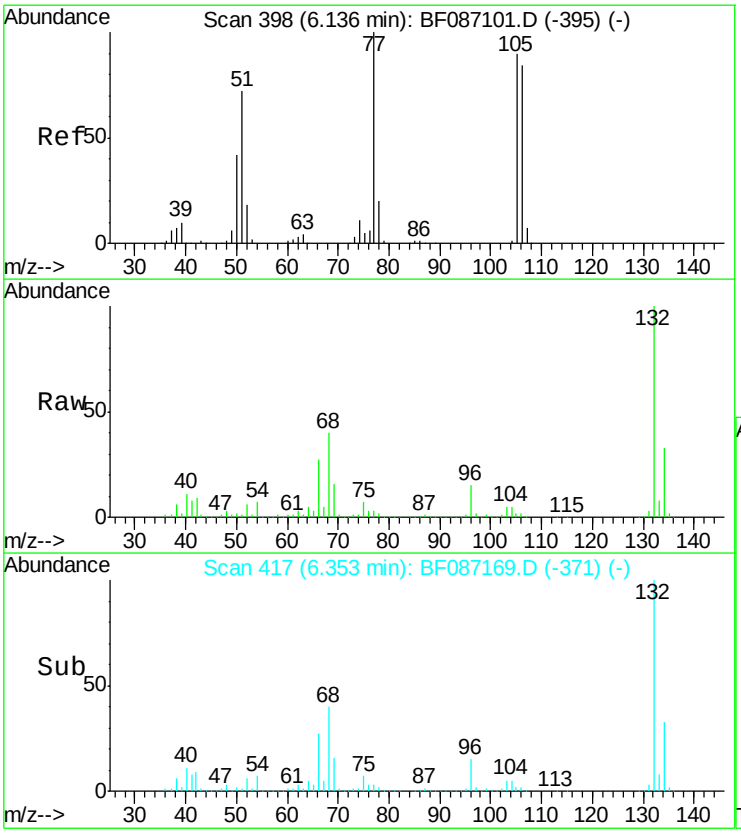

#7
Phenol-d6
Concen: 45.79 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion: 99 Resp: 443710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 29.9 | 13.6 | 20.4# |
| 71 | 38.0 | 24.6 | 36.8# |

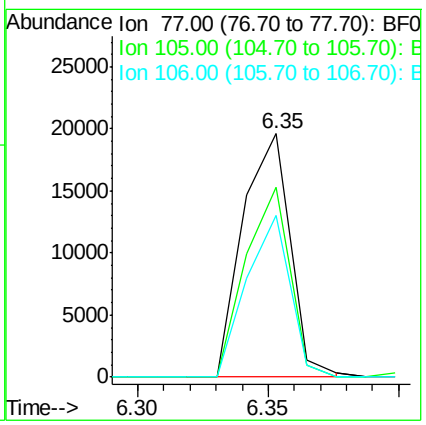


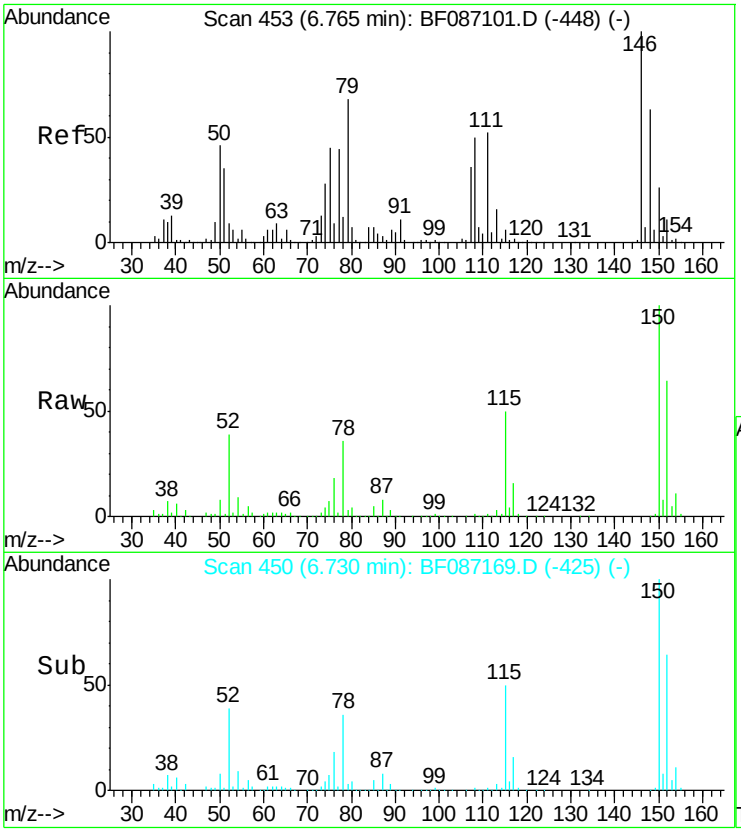




#9
Benzaldehyde
Concen: 3.51 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.23 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion: 77 Resp: 24647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 77.8 | 72.7 | 112.7 |
| 106 | 66.5 | 70.8 | 110.8# |



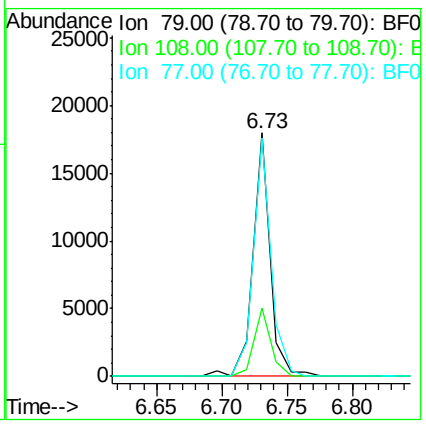


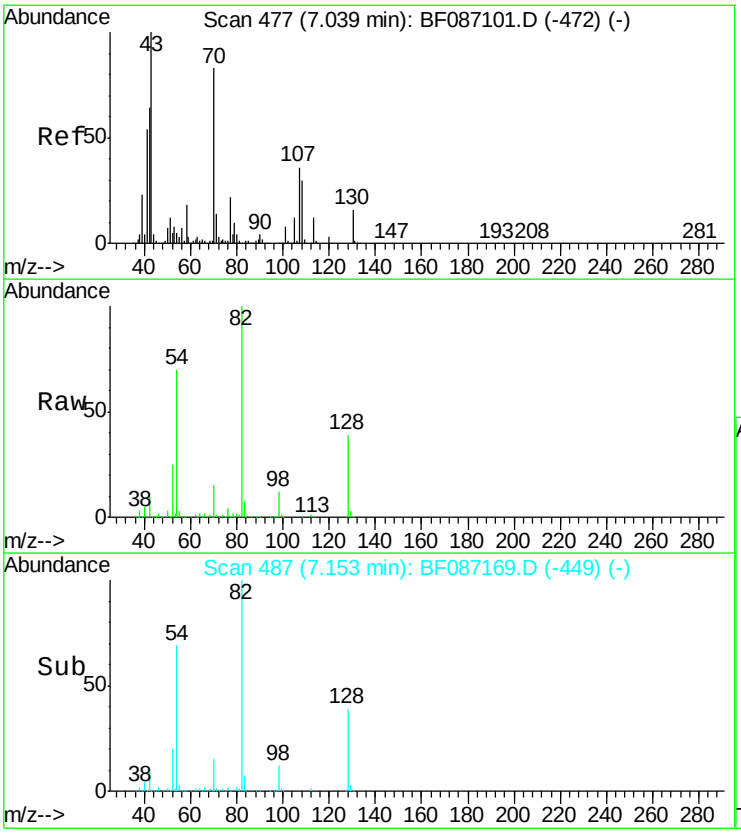

#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion: 79 Resp: 16520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 28.1 | 68.4 | 102.6# |
| 77 | 97.8 | 50.6 | 76.0# |

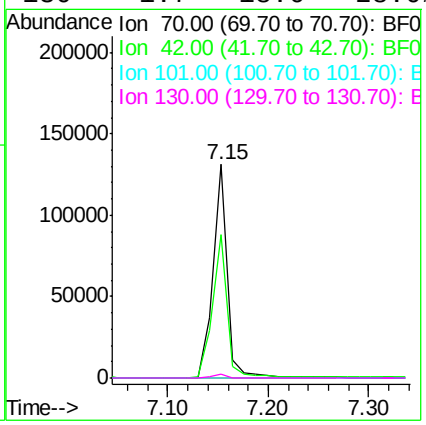


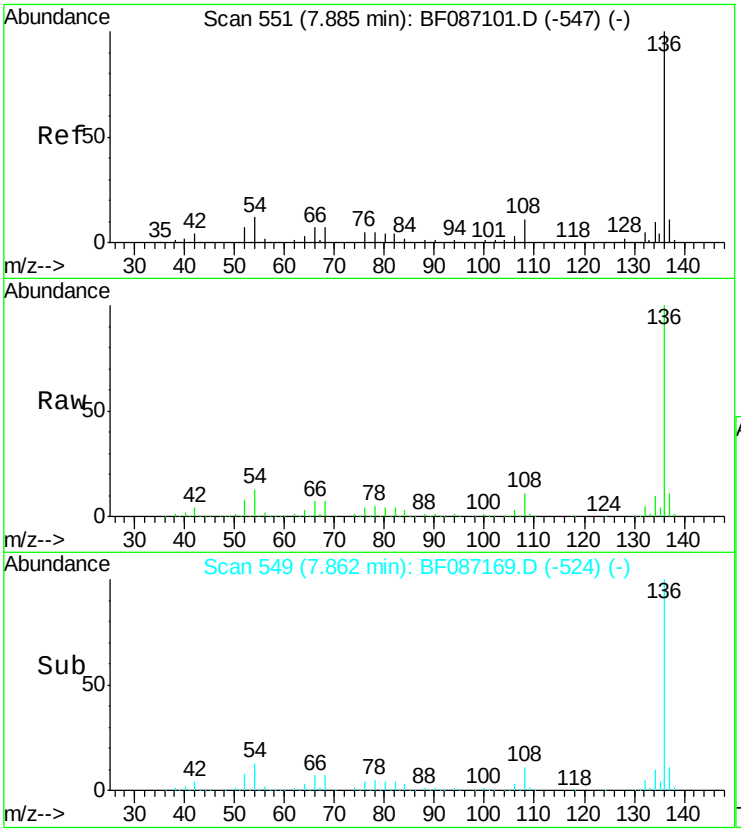




#19
n-Nitroso-di-n-propylamine
Concen: 17.73 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.14 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion: 70 Resp: 130610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.2 | 43.1 | 64.7# |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 1.7 | 18.6 | 28.0# |



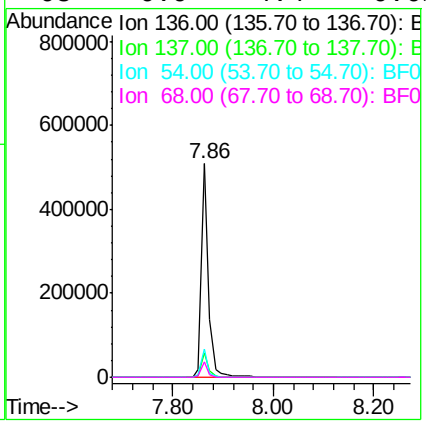


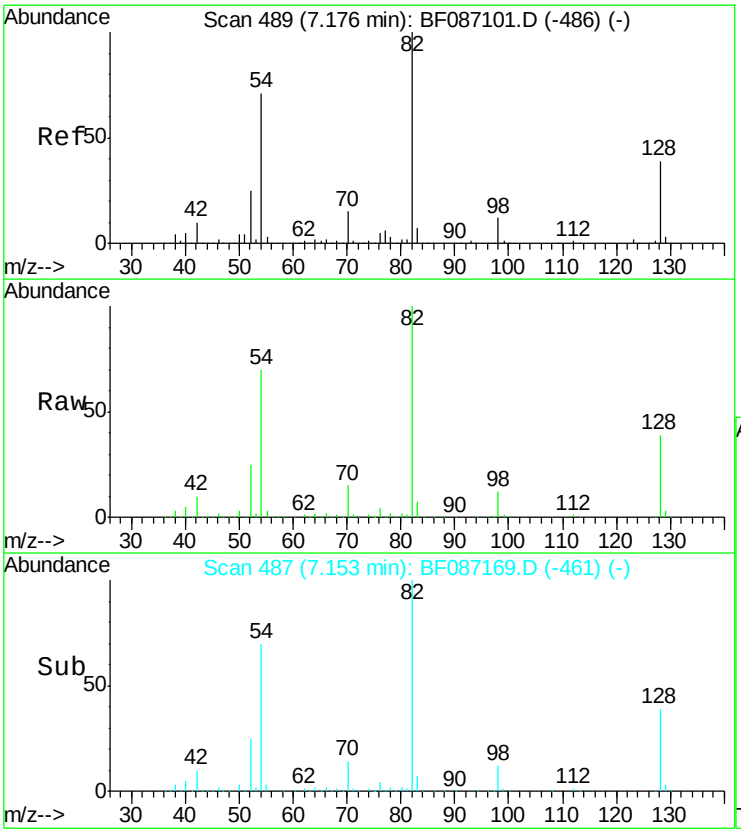

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:136 Resp: 491786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 13.2 | 5.0 | 7.4# |
| 68 | 6.9 | 4.4 | 6.6# |

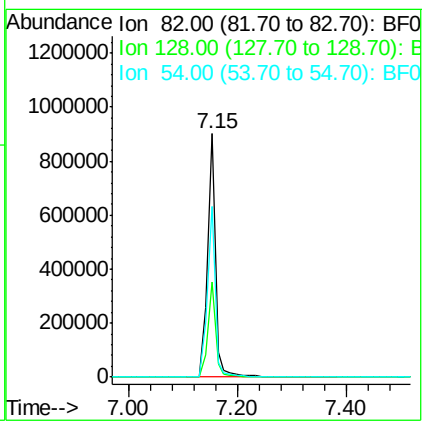


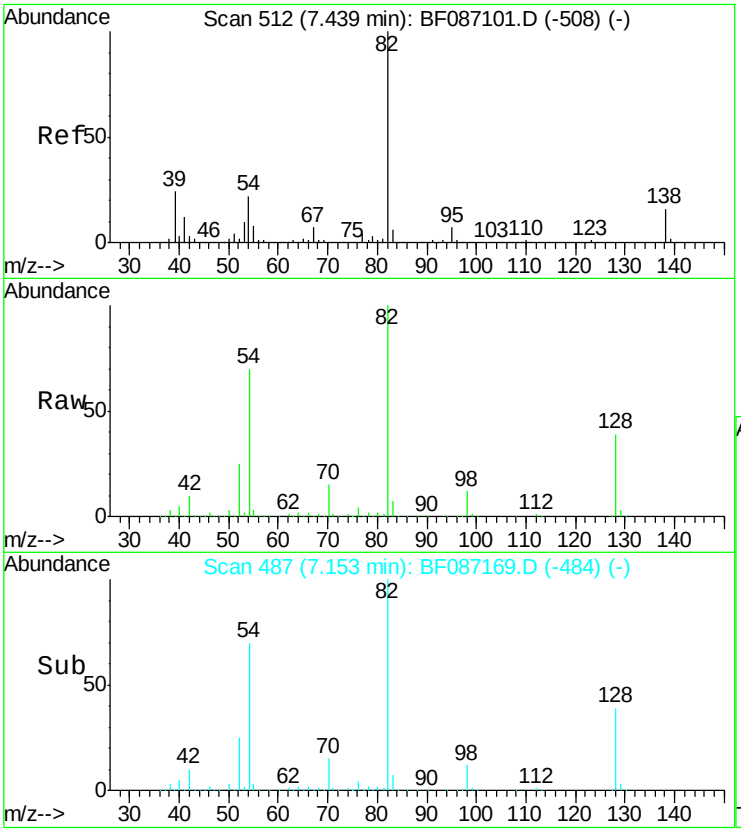




#23
Nitrobenzene-d5
Concen: 93.53 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion: 82 Resp: 922870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.2 | 40.6 | 61.0# |
| 54 | 70.3 | 38.1 | 57.1# |



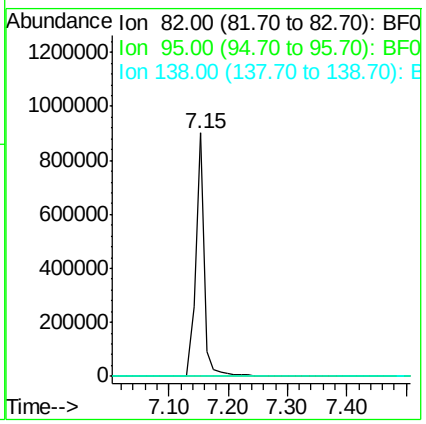


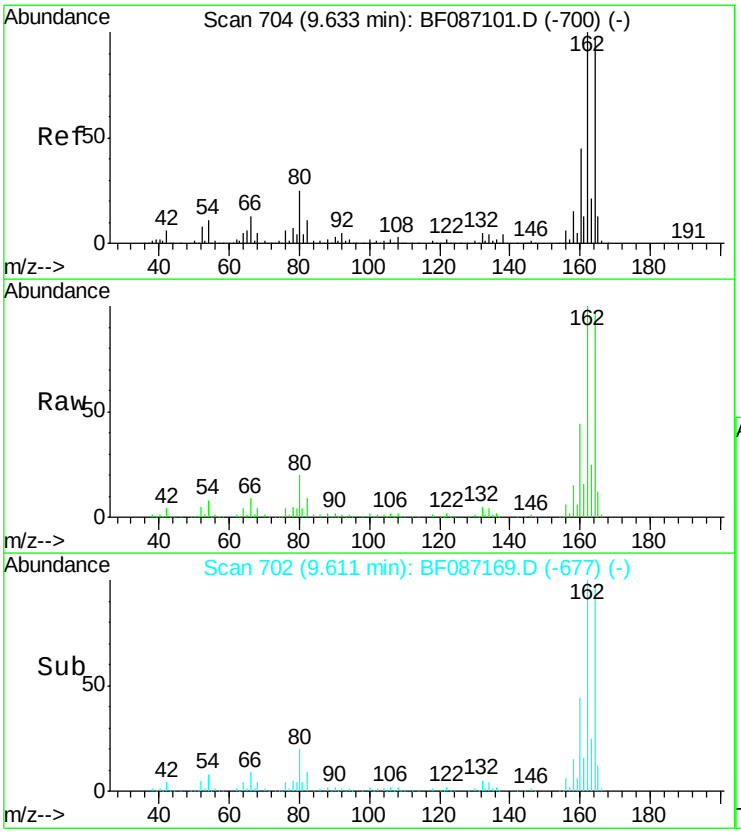

#25
Isophorone
Concen: 50.81 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.26 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion: 82 Resp: 917860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.1 | 7.7# |
| 138 | 0.0 | 12.4 | 18.6# |

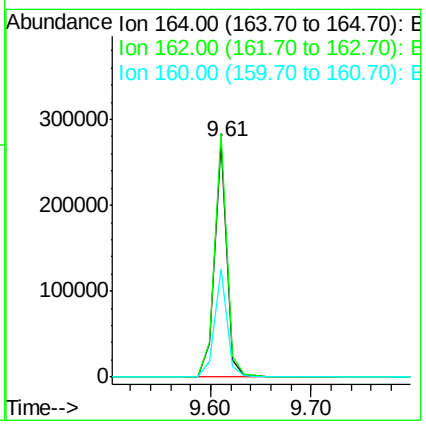


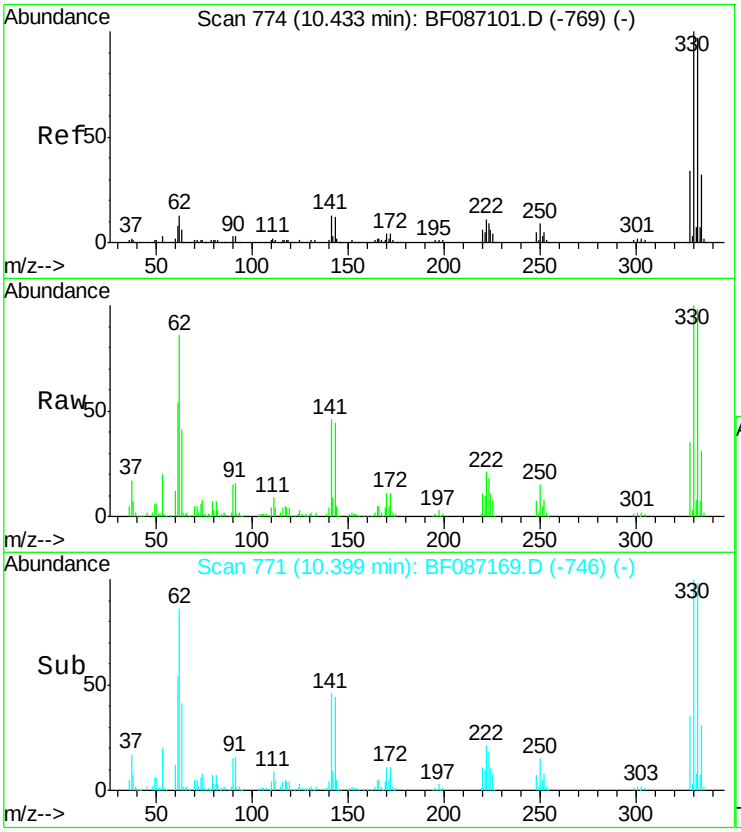




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:164 Resp: 233565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 82.8 | 124.2 |
| 160 | 45.8 | 36.9 | 55.3 |



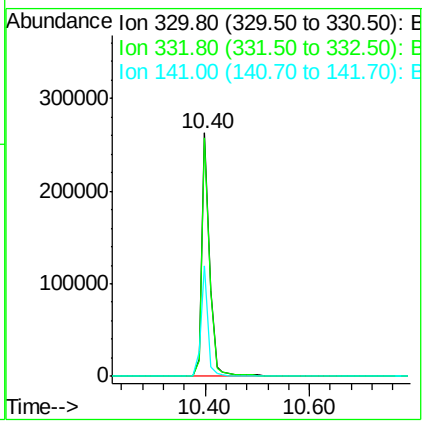


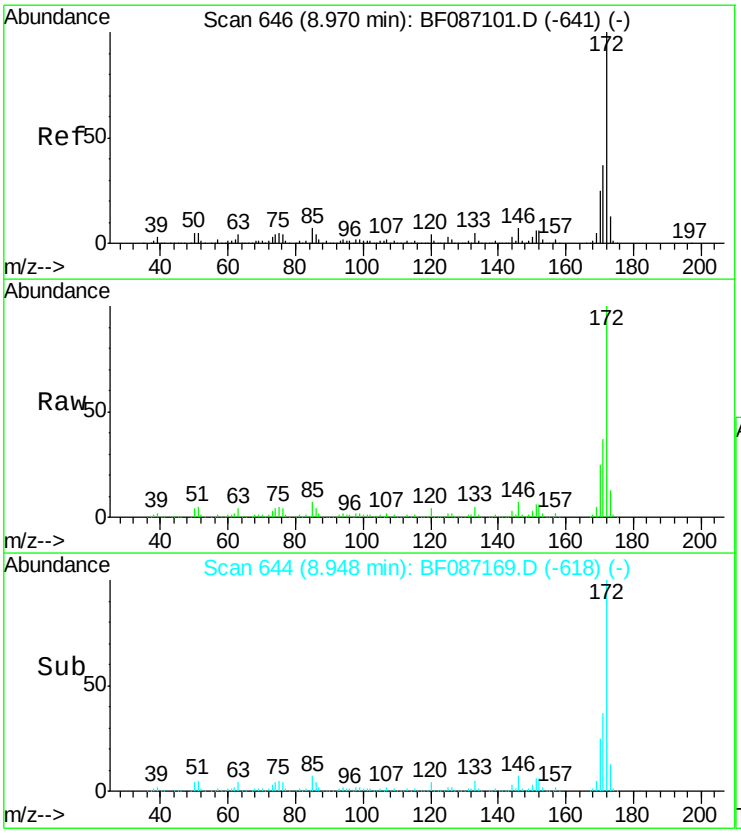

#41
2,4,6-Tribromophenol
Concen: 108.22 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:330 Resp: 279328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 79.0 | 118.4 |
| 141 | 40.8 | 31.2 | 46.8 |

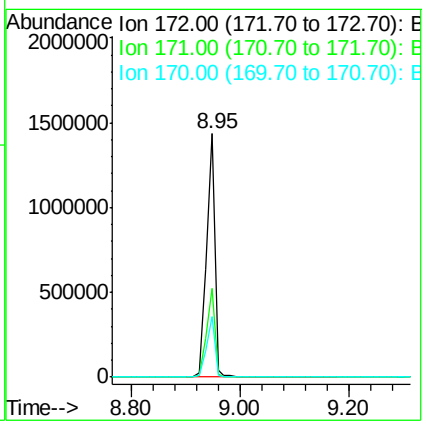


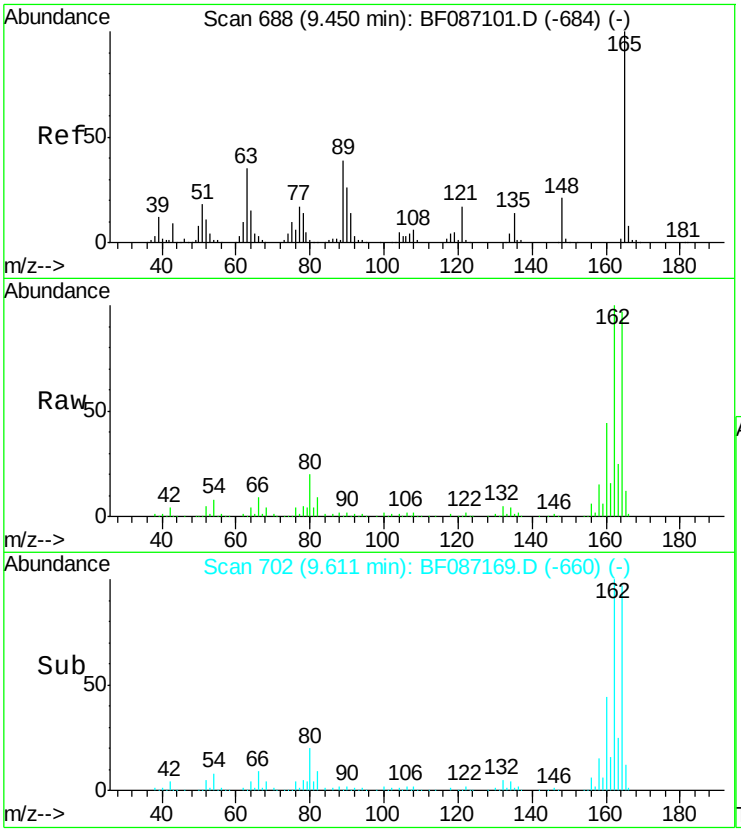




#44
2-Fluorobiphenyl
Concen: 106.78 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:172 Resp: 1505906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.0 | 43.6 |
| 170 | 24.7 | 19.8 | 29.8 |



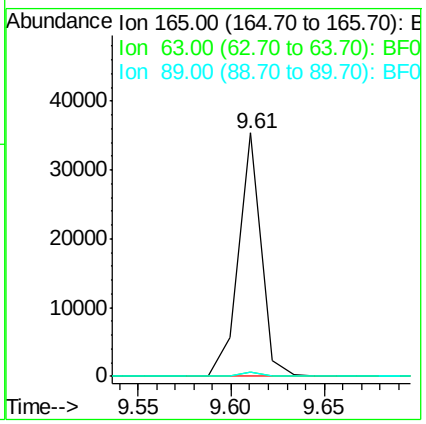


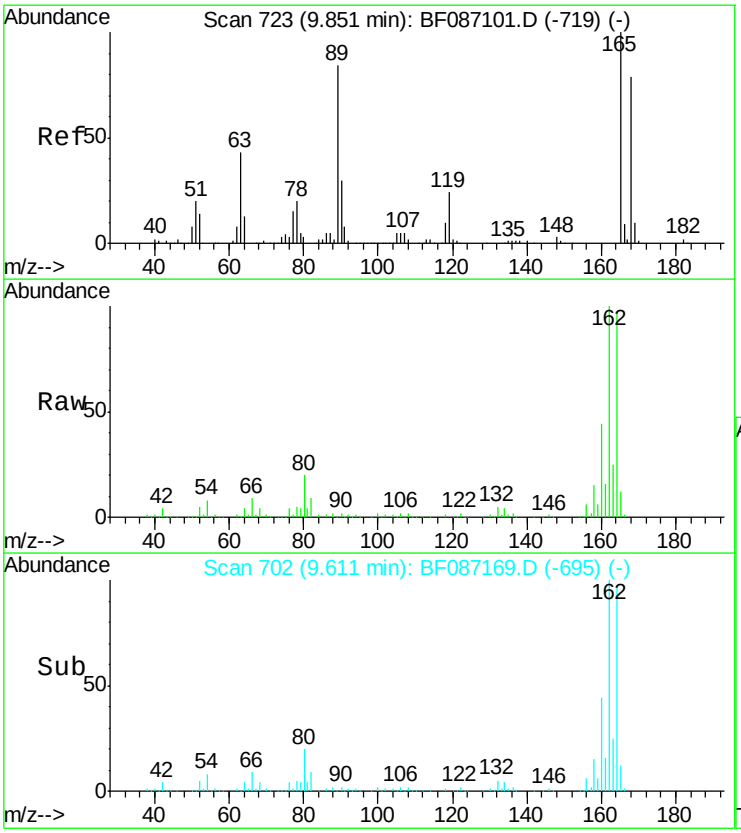

#50
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.18 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:165 Resp: 29891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.9 | 51.8 | 77.8# |
| 89 | 1.6 | 50.7 | 76.1# |

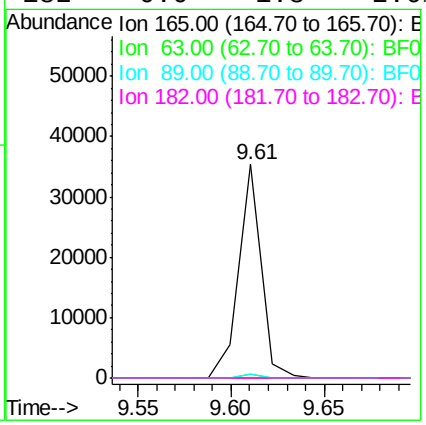


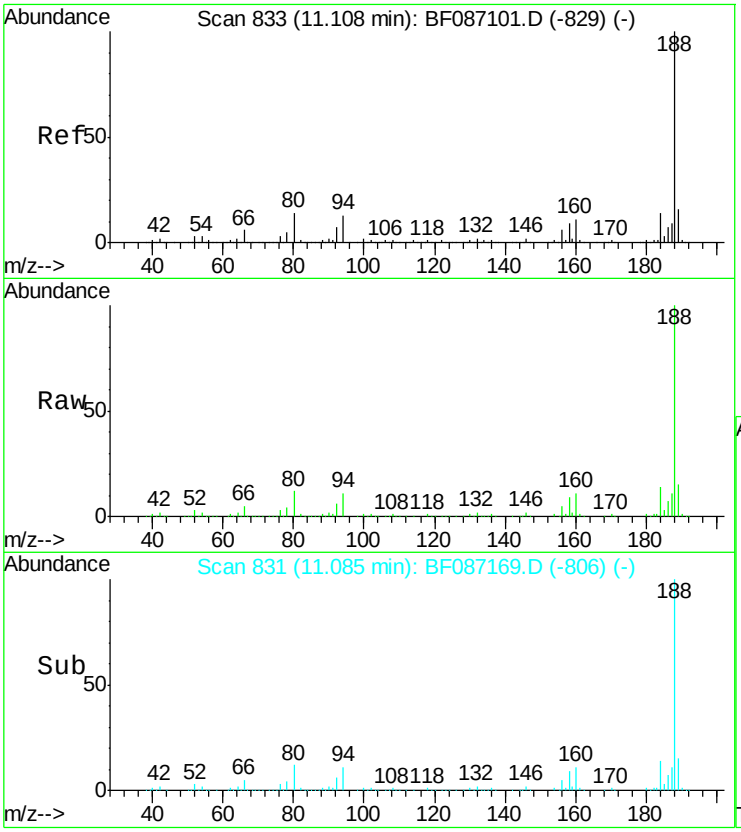




#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.22 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:165 Resp: 29891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.9 | 44.3 | 66.5# |
| 89 | 1.6 | 70.0 | 105.0# |
| 182 | 0.0 | 1.8 | 2.6# |



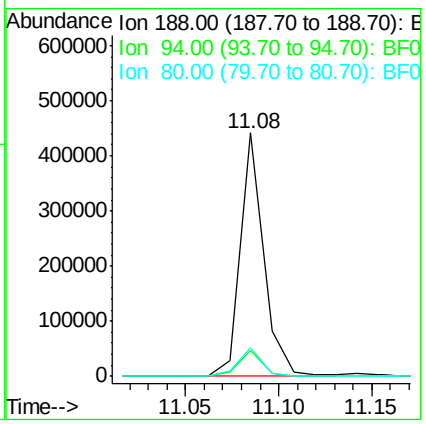


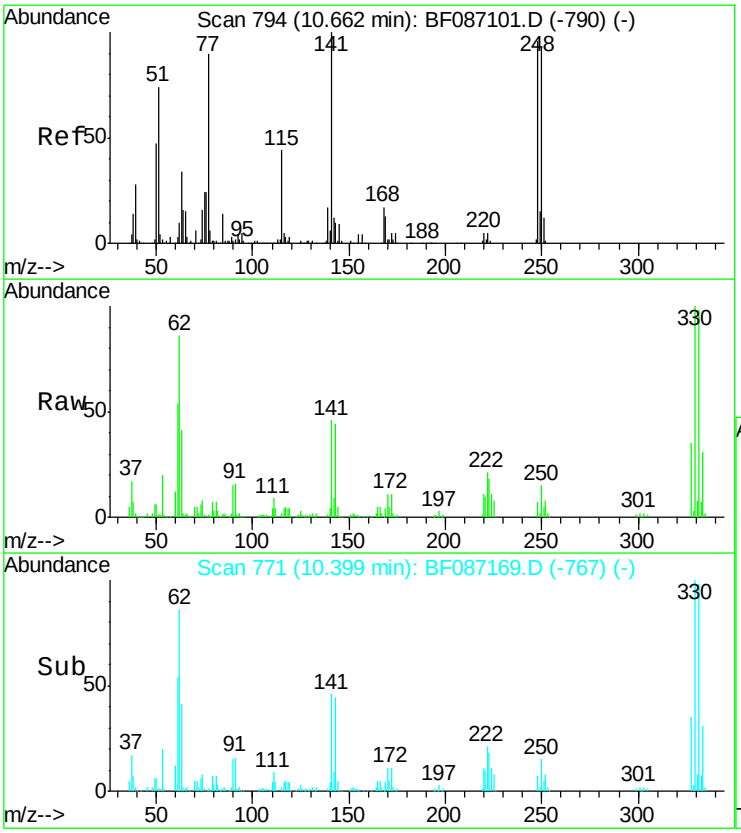

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:188 Resp: 389039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 6.8 | 10.2# |
| 80 | 11.8 | 7.1 | 10.7# |

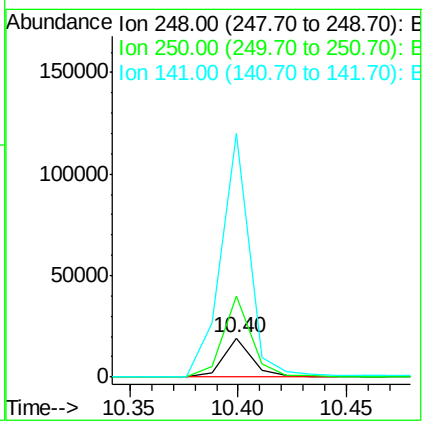


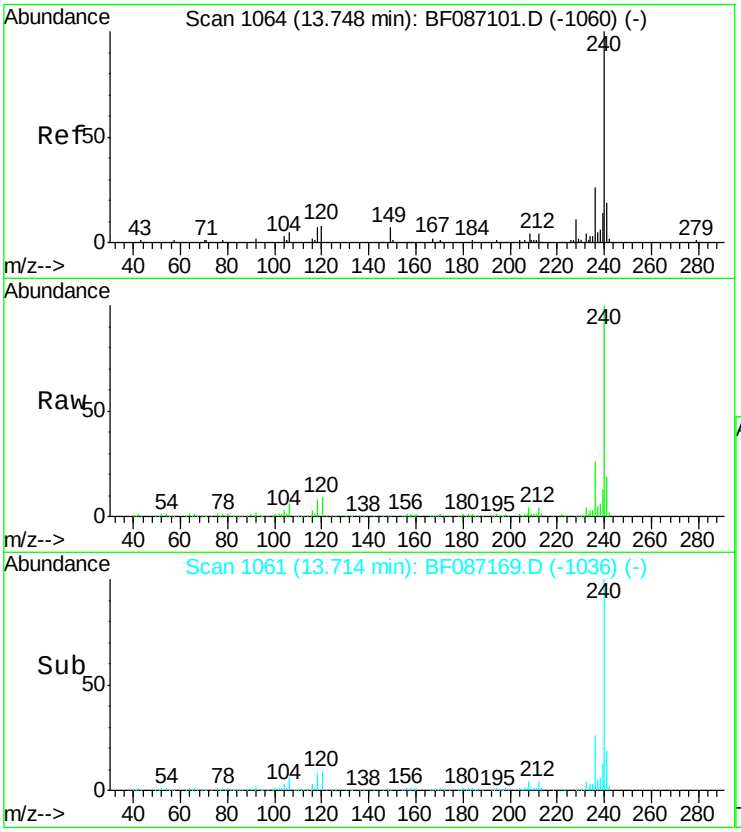




#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.25 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:248 Resp: 17502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 204.3 | 78.6 | 117.8# |
| 141 | 617.0 | 76.0 | 114.0# |



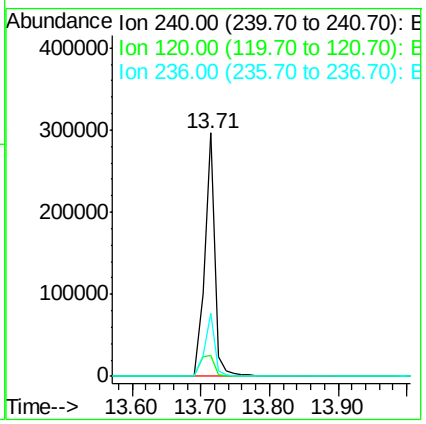


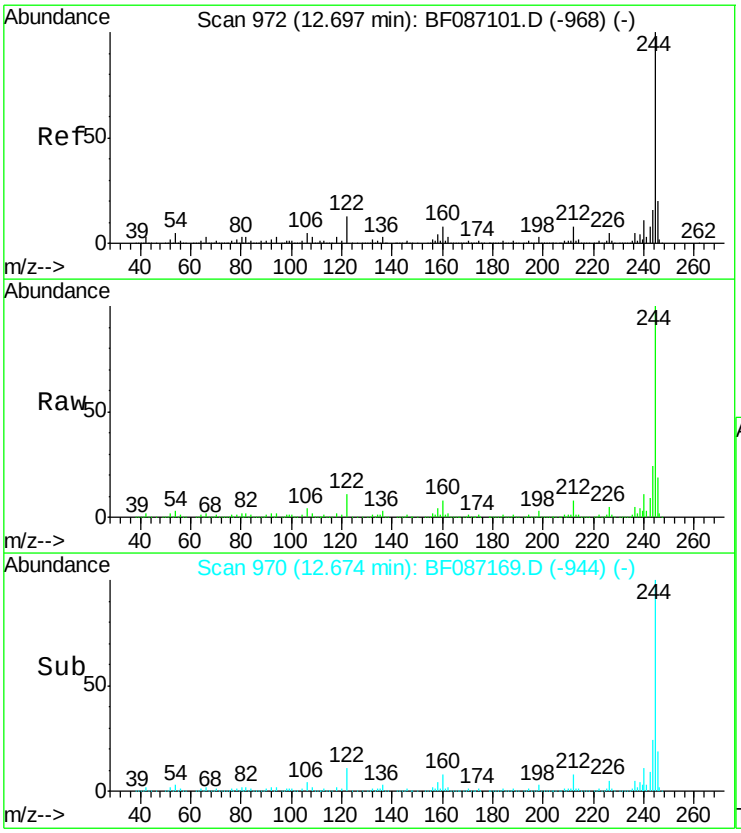

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:240 Resp: 302291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 11.2 | 16.8# |
| 236 | 25.8 | 21.2 | 31.8 |

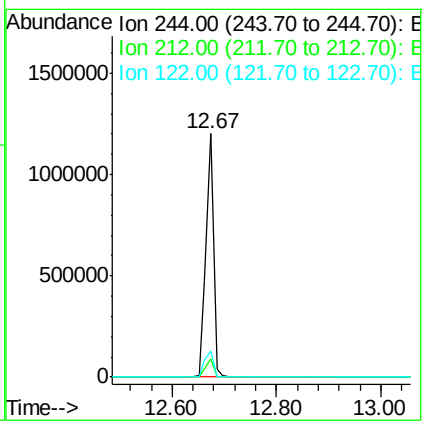


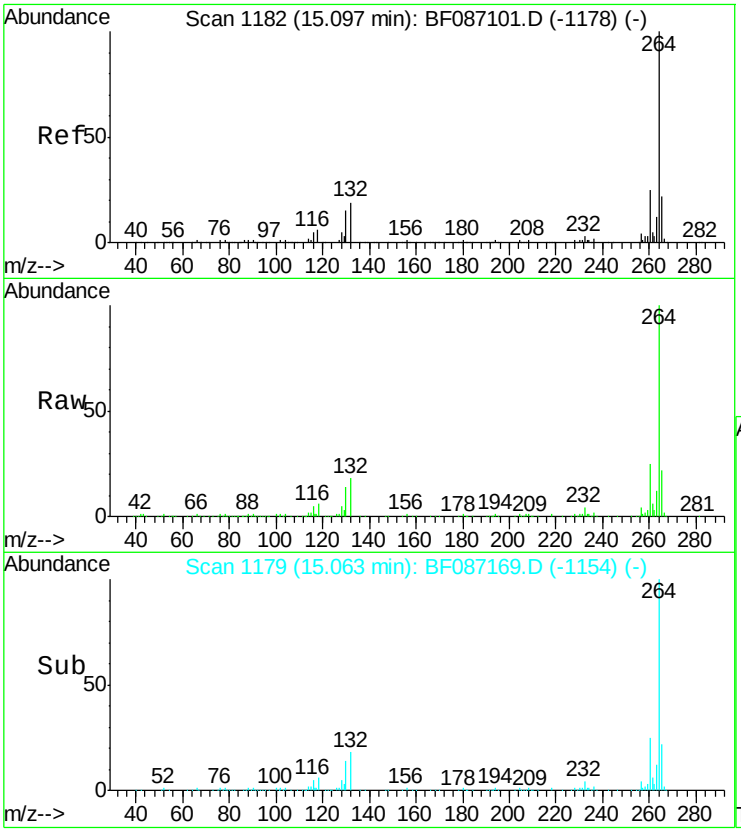




#78
Terphenyl-d14
Concen: 90.17 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:244 Resp: 1205016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.2 | 9.2 |
| 122 | 10.9 | 12.0 | 18.0# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

**Instrument :**
BNA_F
**ClientSampleId :**
W-21

Tgt Ion:264 Resp: 296589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 19.5 | 29.3 |
| 265 | 21.7 | 17.3 | 25.9 |