Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118146.D
Acq On : 9 Dec 2019 15:59
Operator : JU
Sample : PB125313BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 10 00:54:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 142548 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 563634 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 303314 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.41 | 188 | 588453 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.06 | 240 | 424741 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.56 | 264 | 361657 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 1338208 | 164.42 | ng | 0.02 |
| 7) Phenol-d6 | 6.51 | 99 | 1660462 | 168.68 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 1041164 | 103.92 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 612686 | 166.28 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.24 | 172 | 2105997 | 105.65 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.01 | 244 | 2629926 | 106.48 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.51 | 77 | 2541 | Below Cal | # | 1 |
| 15) Benzyl Alcohol | 7.03 | 79 | 17992 | 2.341 | ng # | 47 |
| 19) n-Nitroso-di-n-propylamine | 7.44 | 70 | 142855 | 23.882 | ng # | 78 |
| 25) Isophorone | 7.44 | 82 | 1016855 | 59.872 | ng # | 62 |
| 51) 2,6-Dinitrotoluene | 9.92 | 165 | 38756 | 7.955 | ng # | 27 |
| 57) 2,4-Dinitrotoluene | 9.92 | 165 | 38756 | 5.960 | ng # | 25 |
| 67) 4-Bromophenyl-phenylether | 10.72 | 248 | 38889 | 5.789 | ng # | 1 |

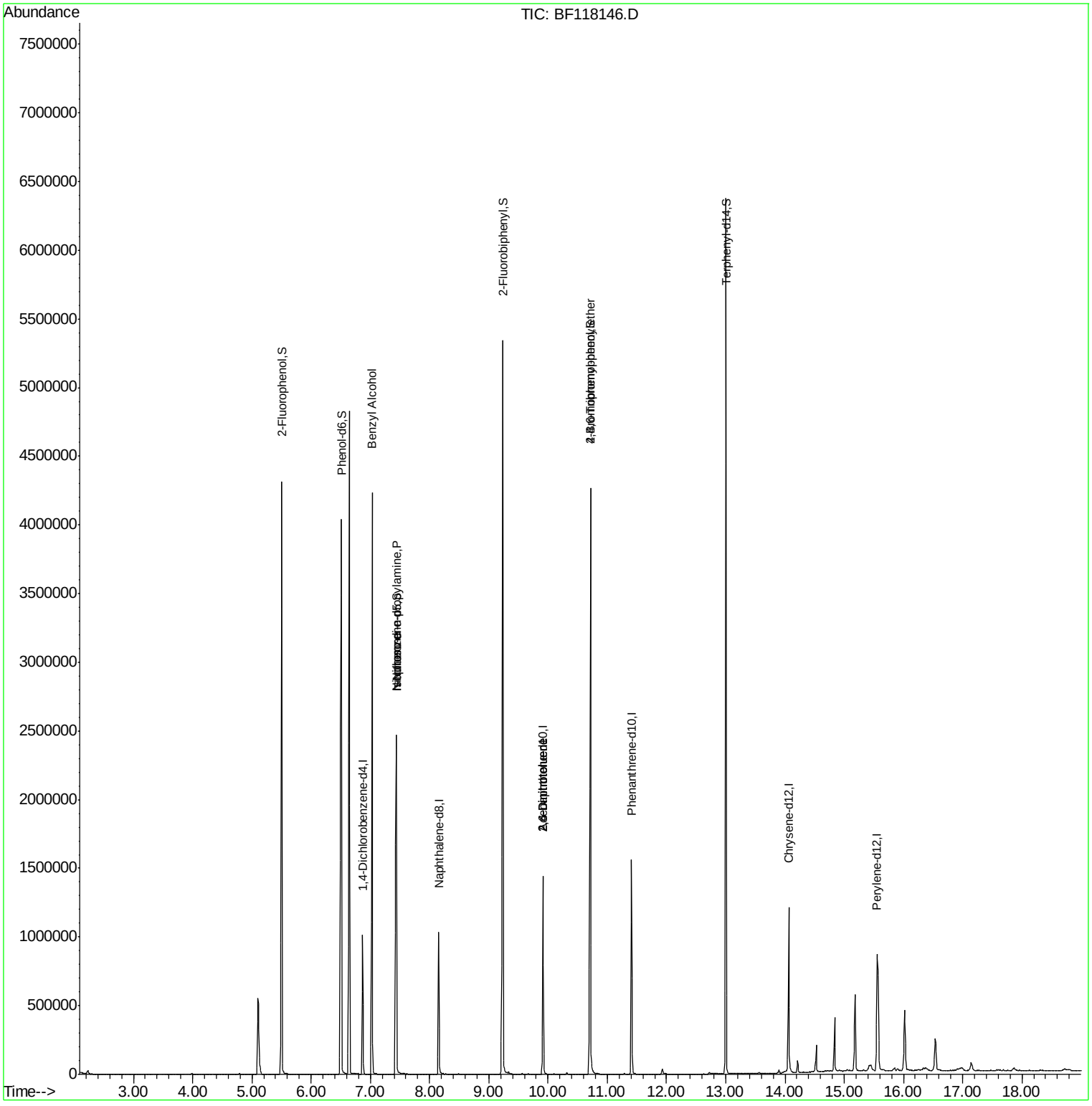
(#) = qualifier out of range (m) = manual integration (+) = signals summed

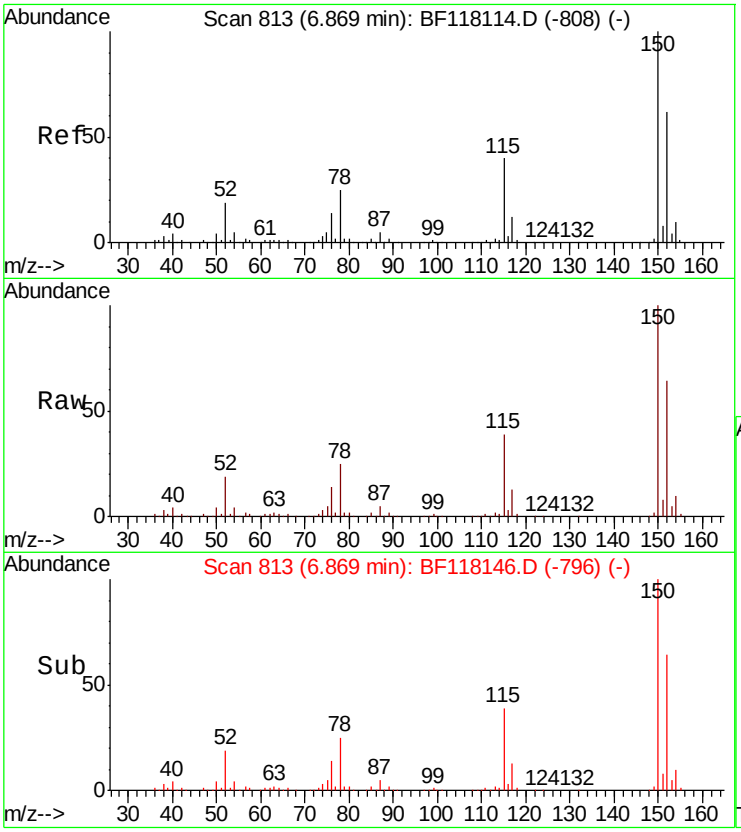
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118146.D
Acq On : 9 Dec 2019 15:59
Operator : JU
Sample : PB125313BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 10 00:54:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



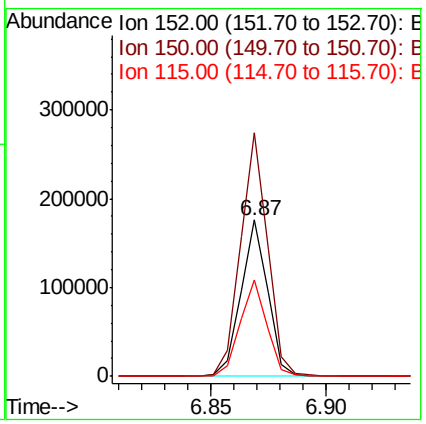


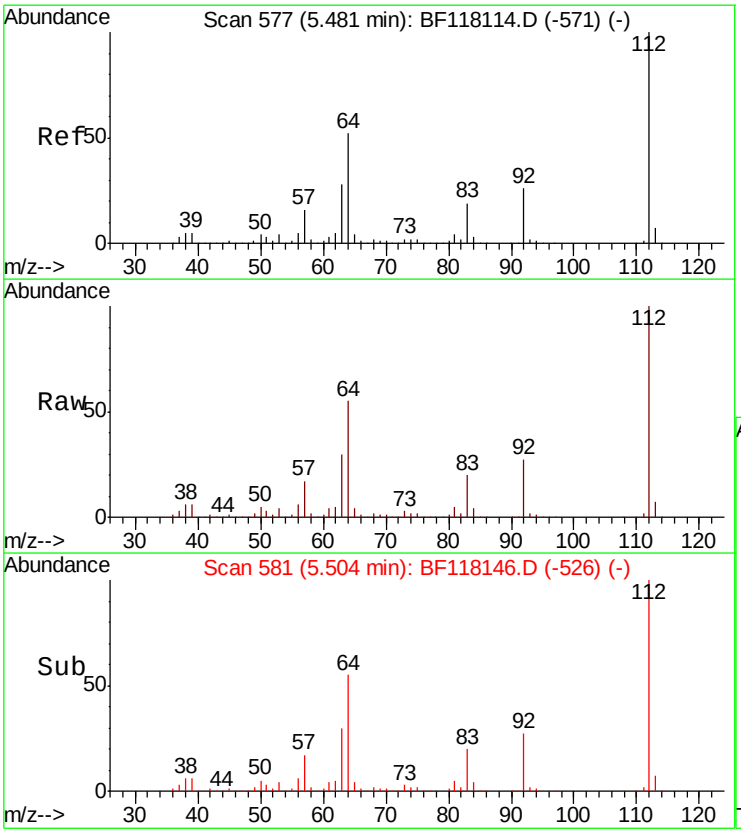

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:152 Resp: 142548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 128.3 | 192.5 |
| 115 | 61.4 | 51.1 | 76.7 |

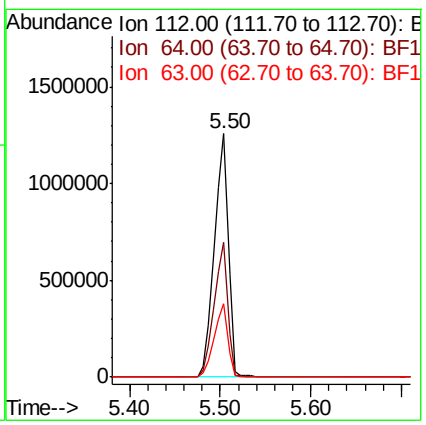


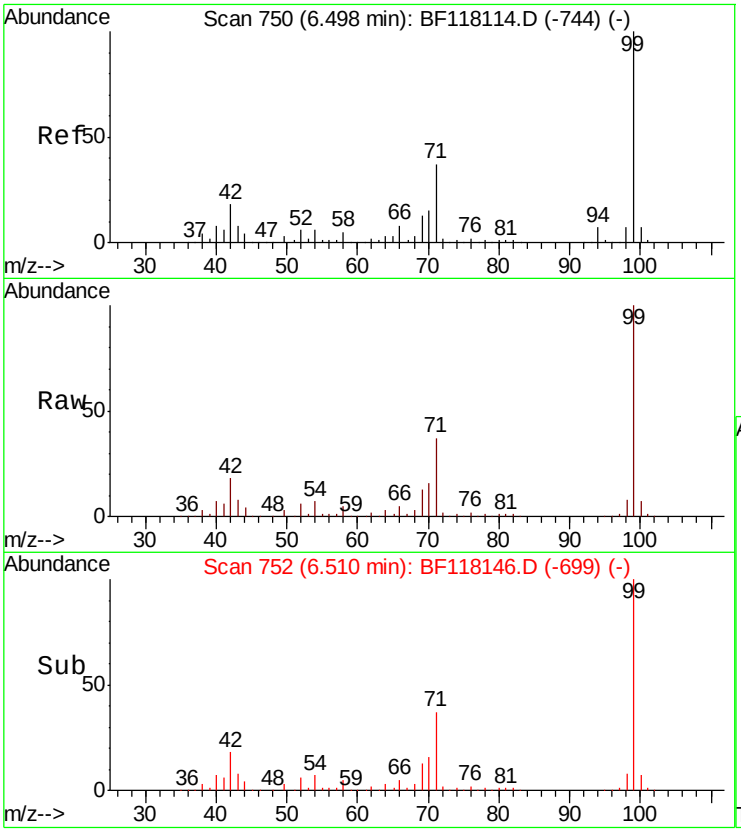




#5
2-Fluorophenol
Concen: 164.423 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:112 Resp: 1338208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 41.3 | 61.9 |
| 63 | 30.0 | 22.4 | 33.6 |



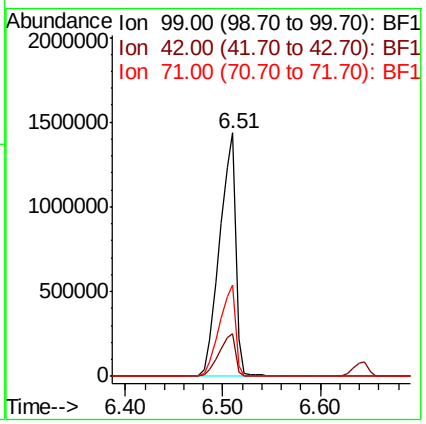


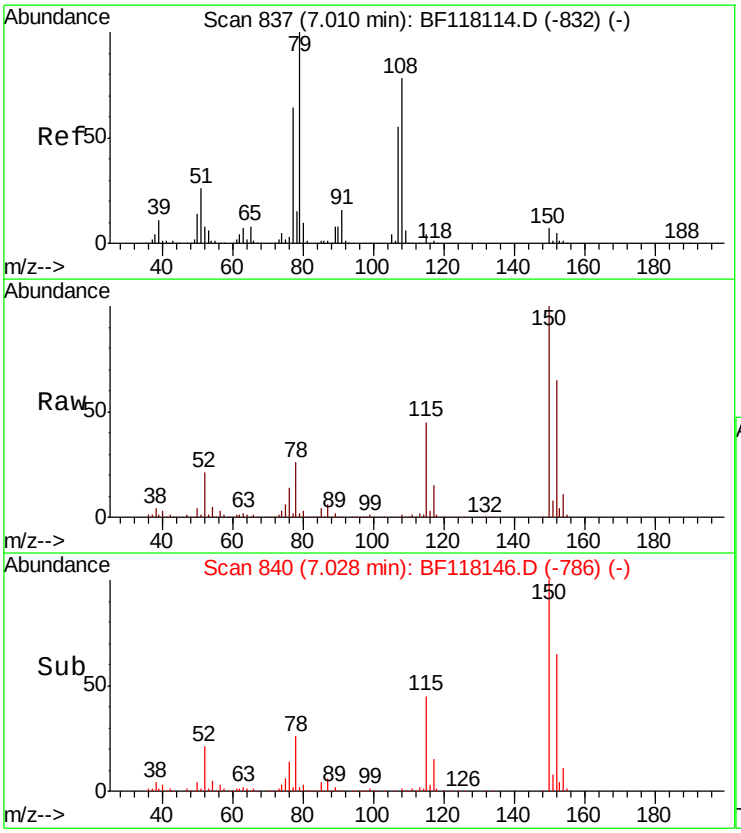

#7
Phenol-d6
Concen: 168.676 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion: 99 Resp: 1660462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 14.1 | 21.1 |
| 71 | 37.5 | 29.7 | 44.5 |

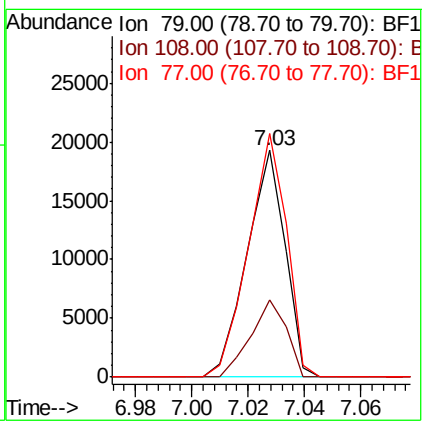


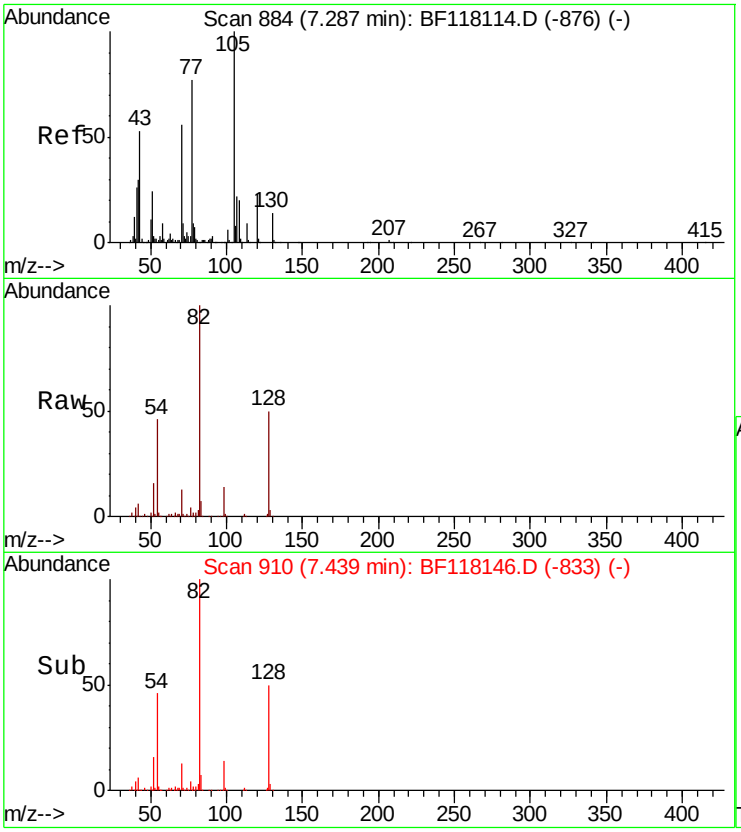




#15
Benzyl Alcohol
Concen: 2.341 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion: 79 Resp: 17992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 34.1 | 62.7 | 94.1# |
| 77 | 107.4 | 51.4 | 77.2# |



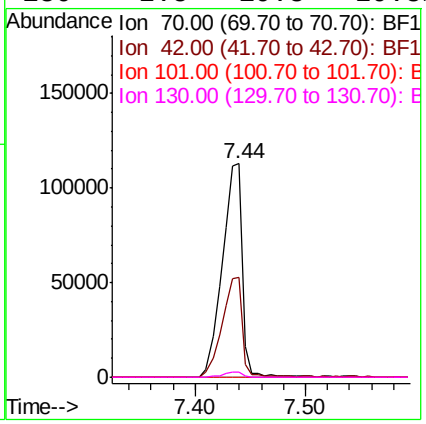


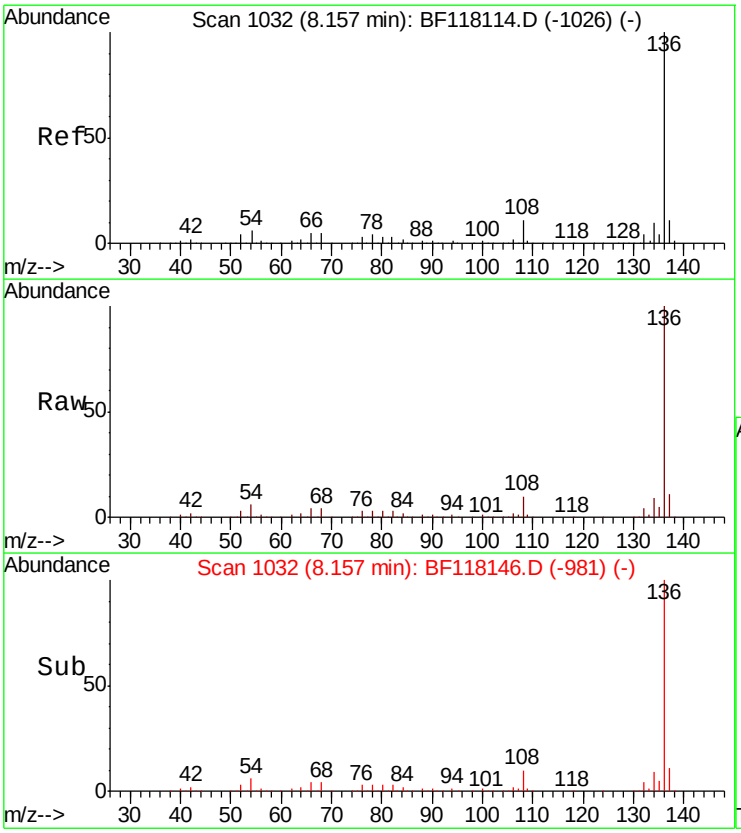

#19
n-Nitroso-di-n-propylamine
Concen: 23.882 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion: 70 Resp: 142855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.7 | 43.2 | 64.8 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 2.5 | 19.8 | 29.8# |

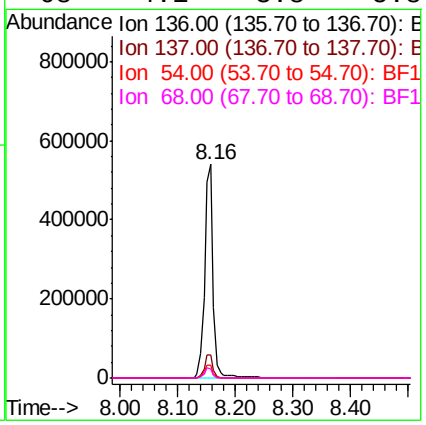


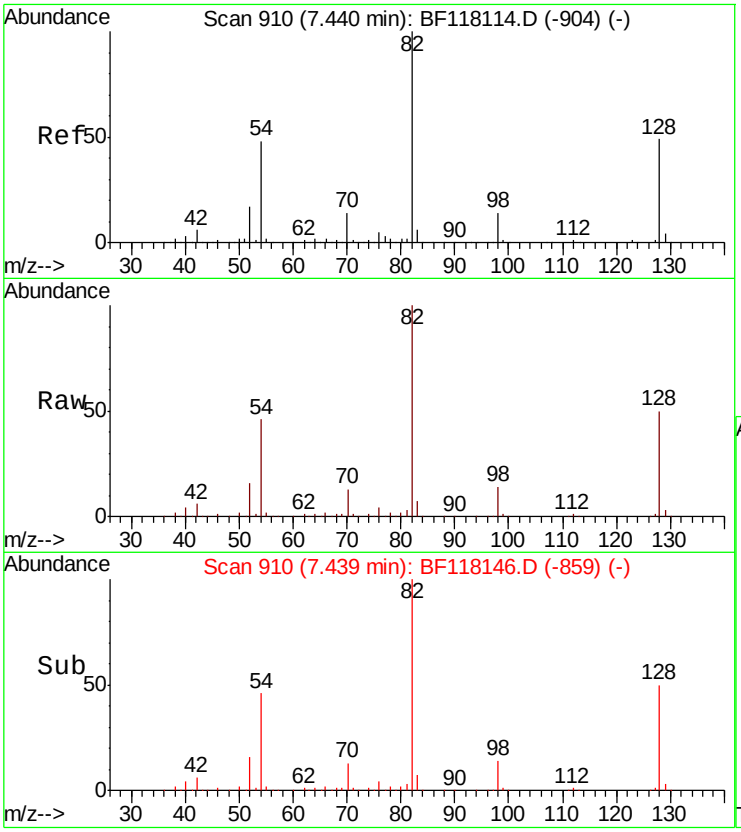




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:136 Resp: 563634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 9.0 | 13.6 |
| 54 | 5.7 | 5.0 | 7.6 |
| 68 | 4.1 | 3.8 | 5.8 |



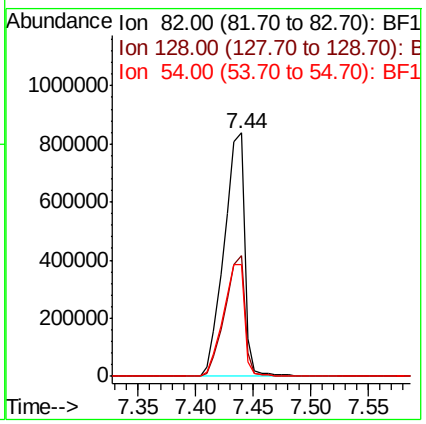


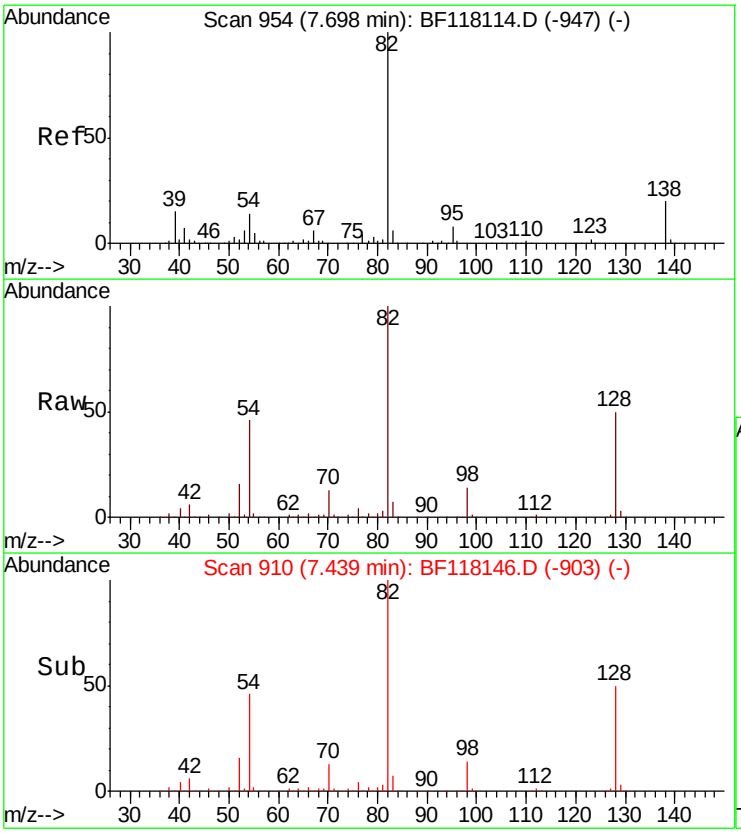

#23
Nitrobenzene-d5
Concen: 103.921 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion: 82 Resp: 1041164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 39.1 | 58.7 |
| 54 | 46.0 | 38.2 | 57.2 |

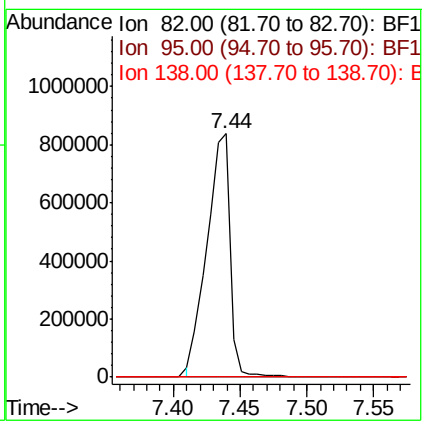


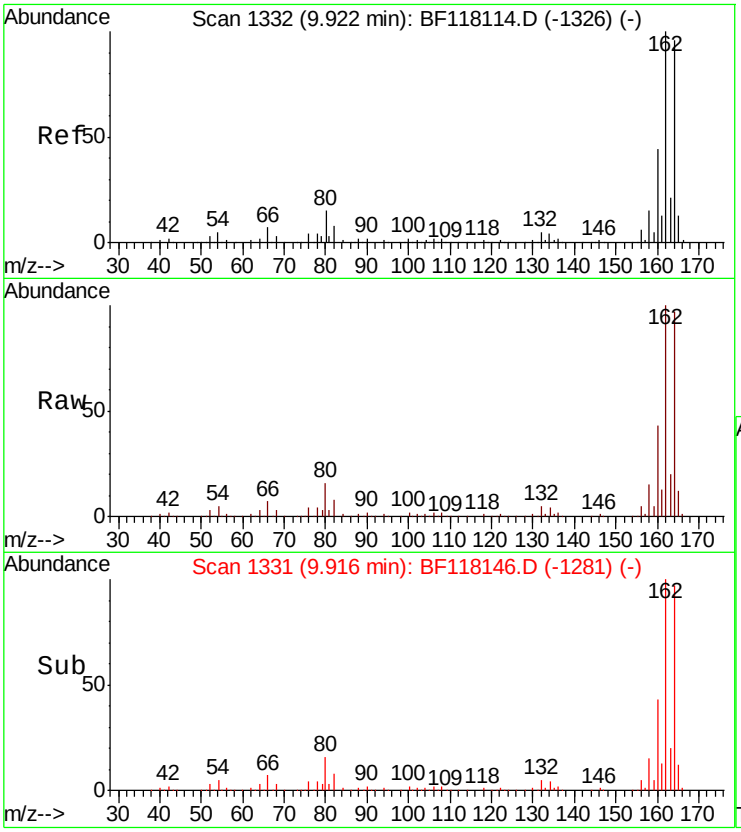




#25
Isophorone
Concen: 59.872 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion: 82 Resp: 1016855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.3 | 9.5# |
| 138 | 0.0 | 16.3 | 24.5# |



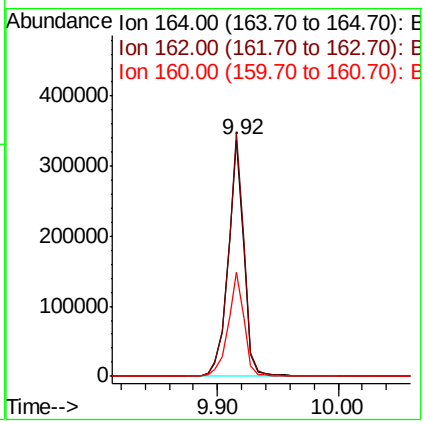


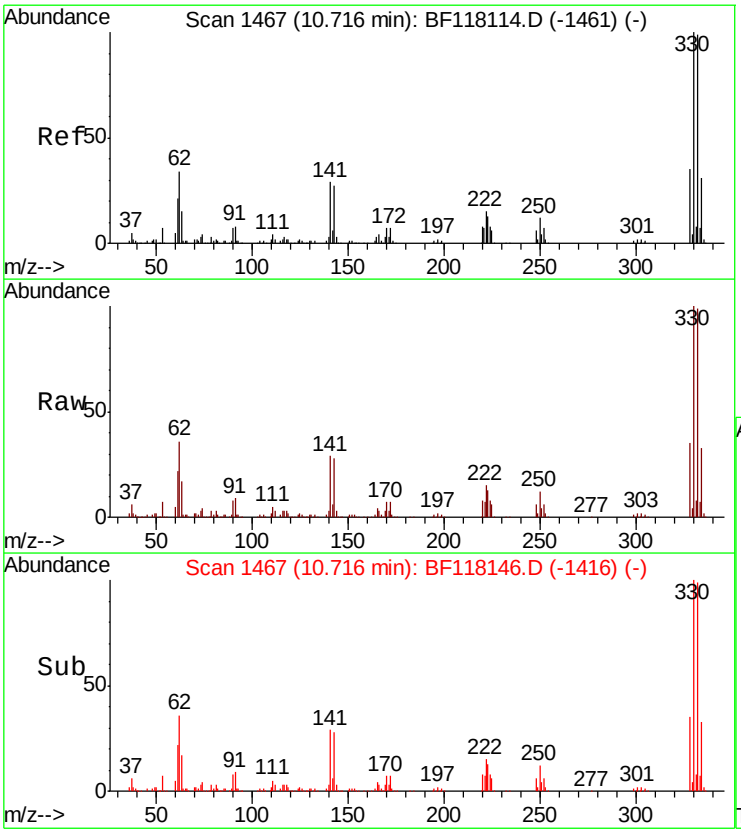

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:164 Resp: 303314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.9 | 83.4 | 125.0 |
| 160 | 44.2 | 36.6 | 54.8 |

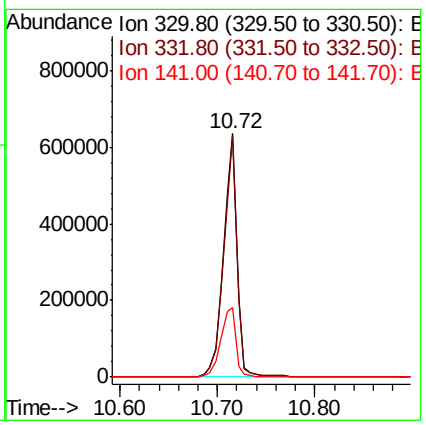


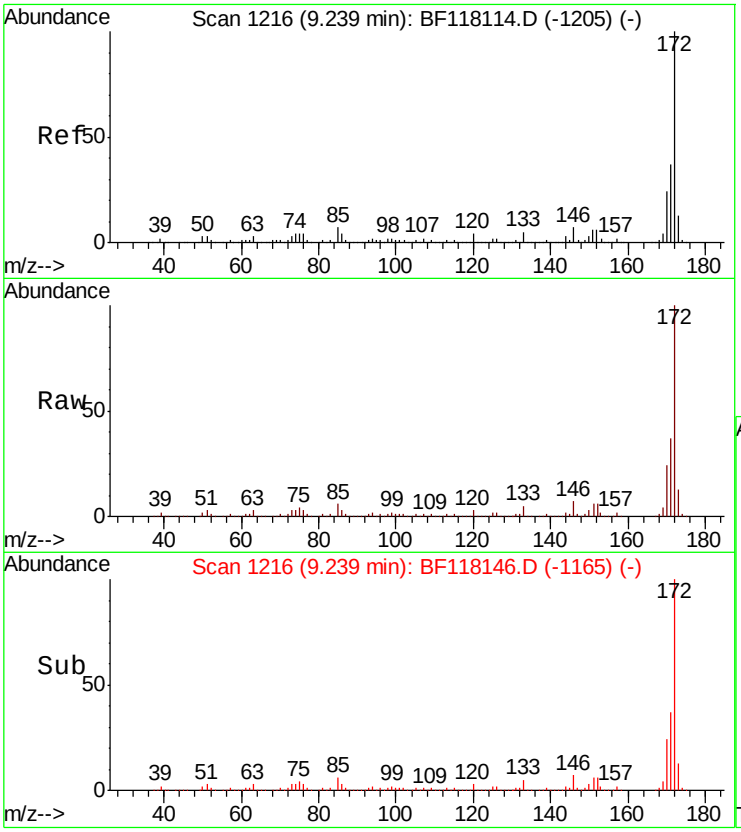




#42
2,4,6-Tribromophenol
Concen: 166.278 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:330 Resp: 612686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 78.1 | 117.1 |
| 141 | 32.1 | 26.9 | 40.3 |



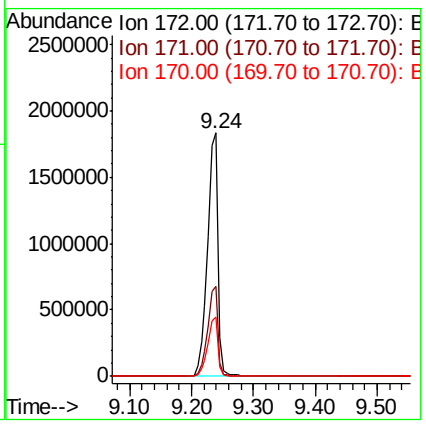


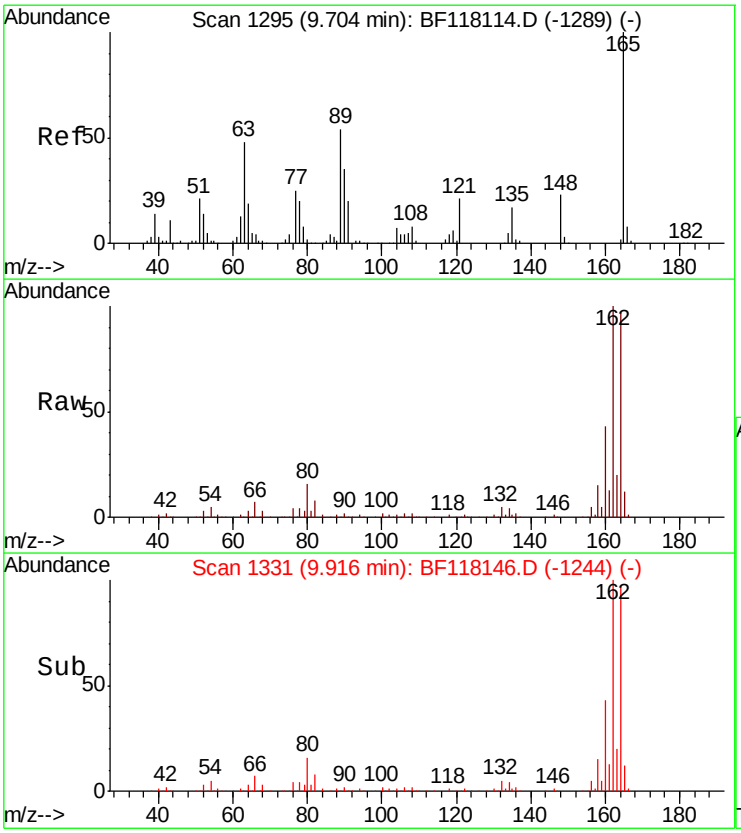

#45
2-Fluorobiphenyl
Concen: 105.652 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:172 Resp: 2105997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 29.2 | 43.8 |
| 170 | 24.2 | 19.4 | 29.2 |

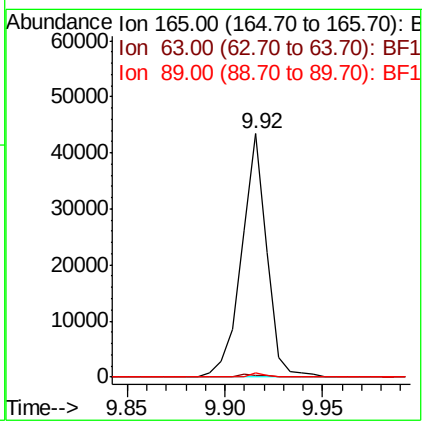


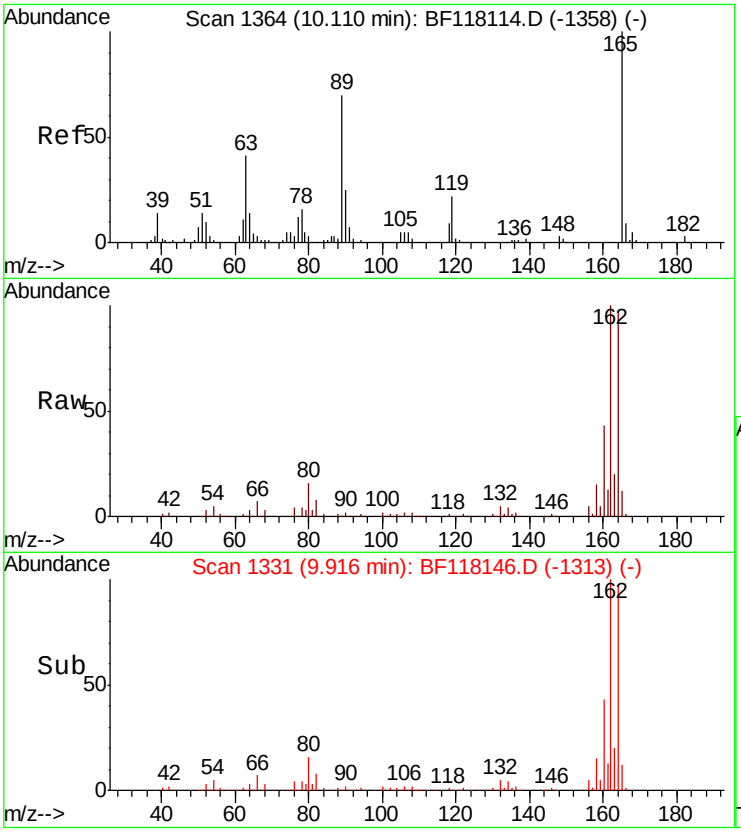




#51
2,6-Dinitrotoluene
Concen: 7.955 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:165 Resp: 38756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.7 | 41.4 | 62.0# |
| 89 | 1.6 | 42.9 | 64.3# |



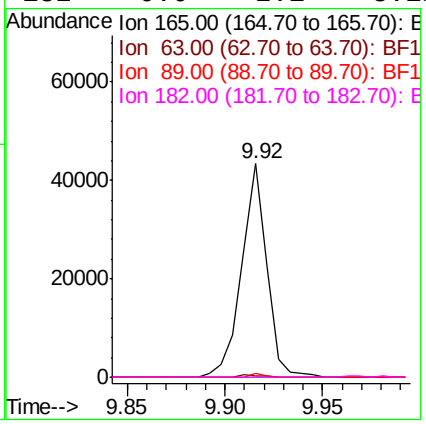


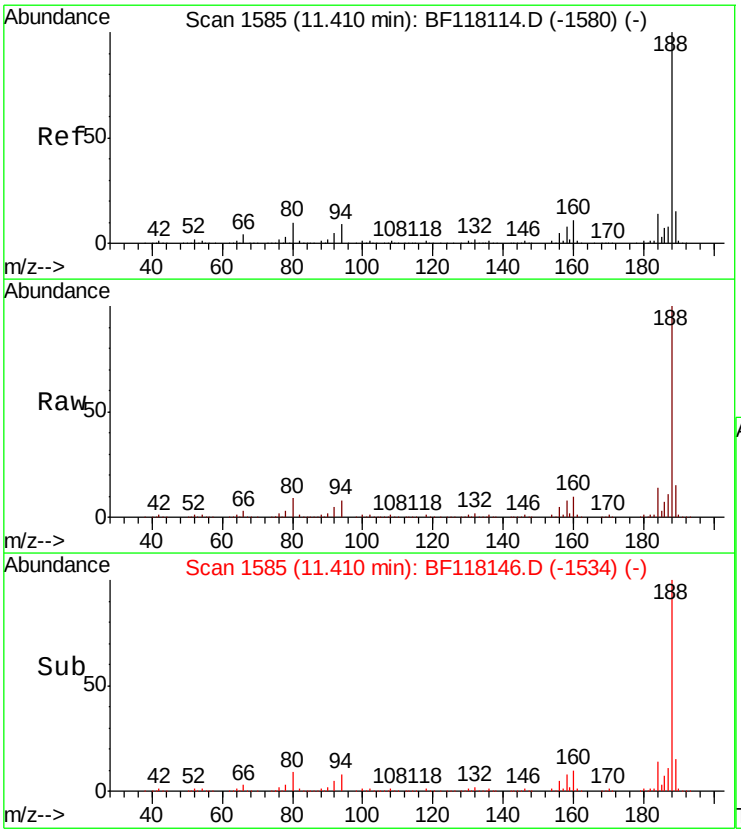

#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:165 Resp: 38756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.7 | 32.6 | 49.0# |
| 89 | 1.6 | 56.1 | 84.1# |
| 182 | 0.0 | 2.1 | 3.1# |

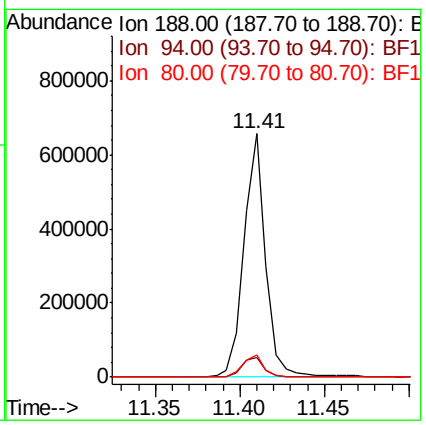


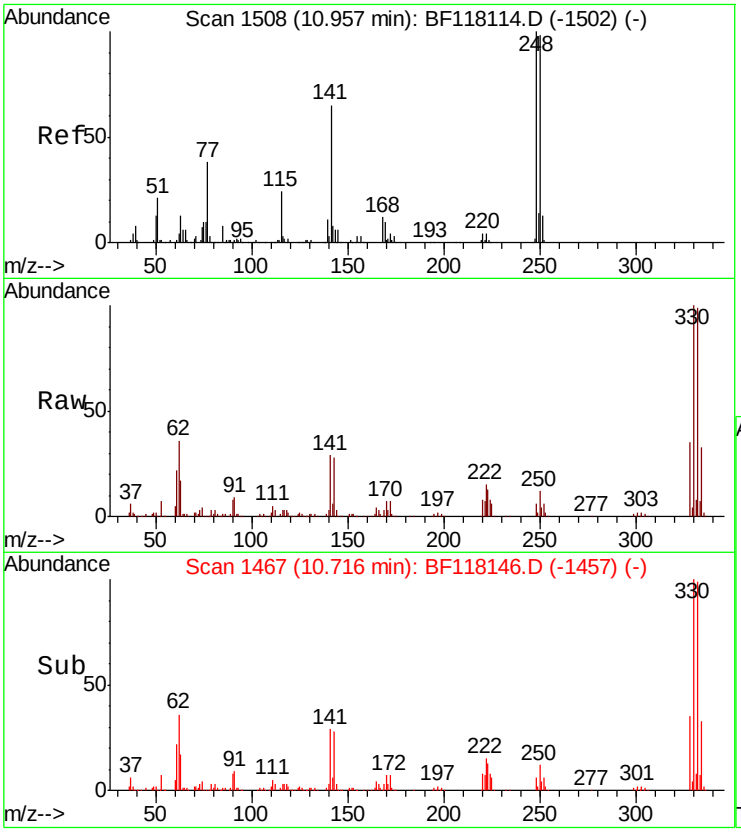




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:188 Resp: 588453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 7.1 | 10.7 |
| 80 | 9.0 | 7.9 | 11.9 |



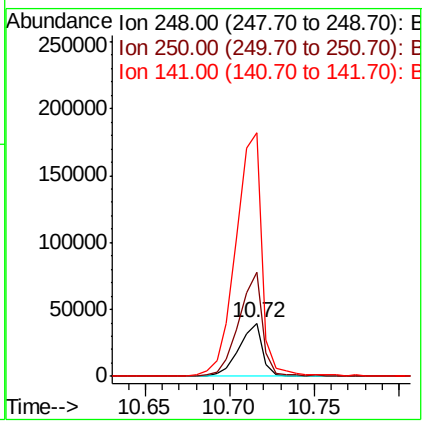


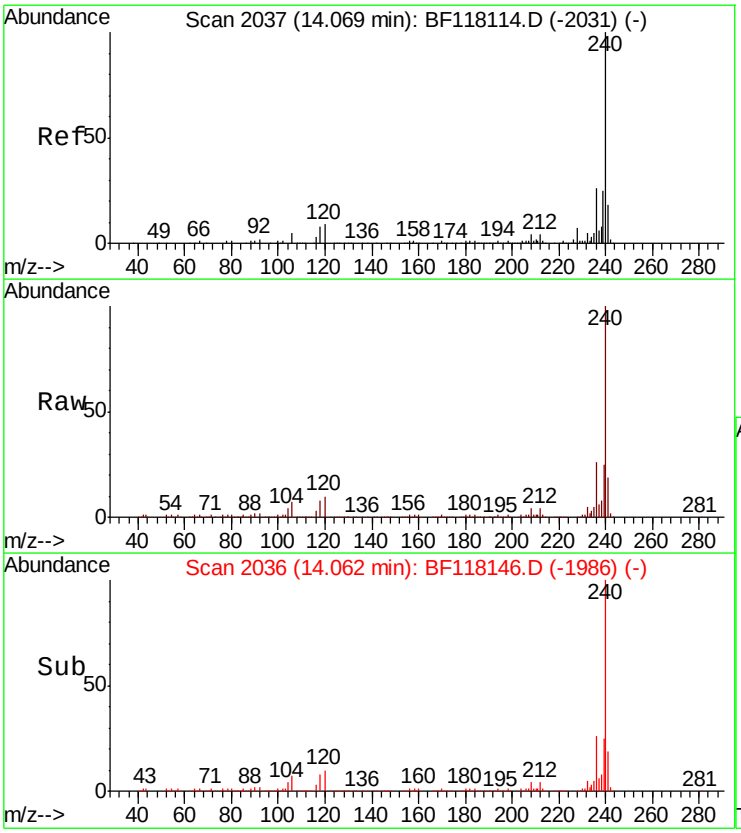

#67
4-Bromophenyl-phenylether
Concen: 5.789 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:248 Resp: 38889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.9 | 78.3 | 117.5# |
| 141 | 456.9 | 52.2 | 78.4# |

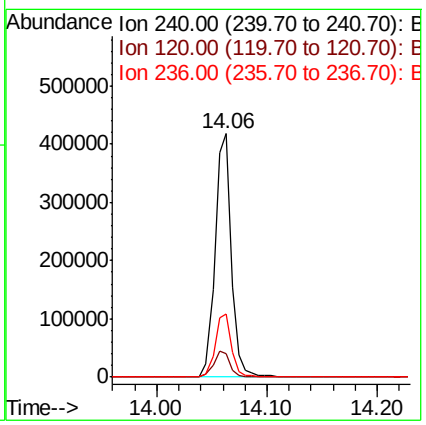


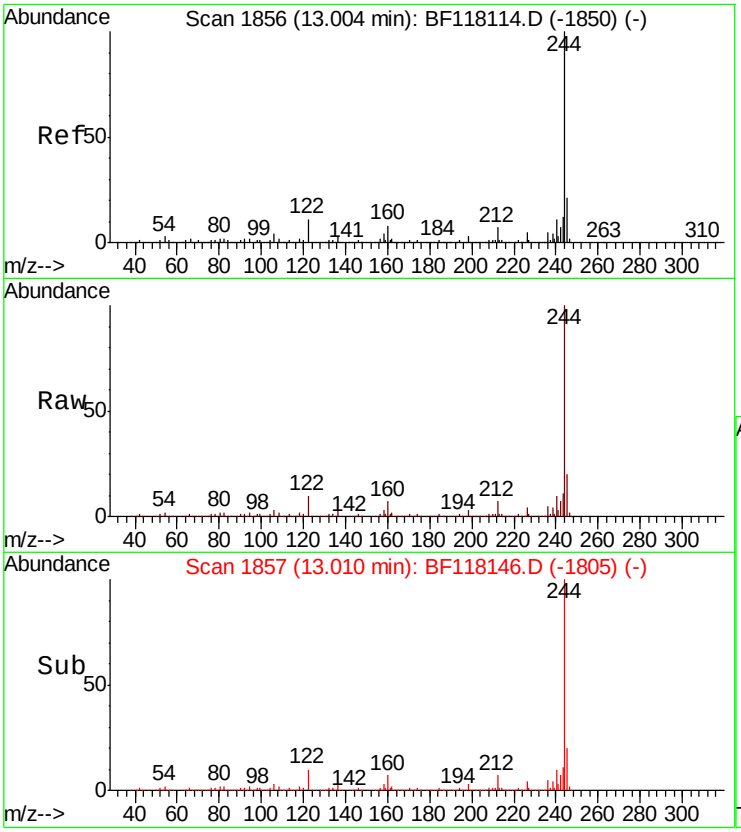




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:240 Resp: 424741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 7.1 | 10.7 |
| 236 | 26.1 | 21.0 | 31.6 |



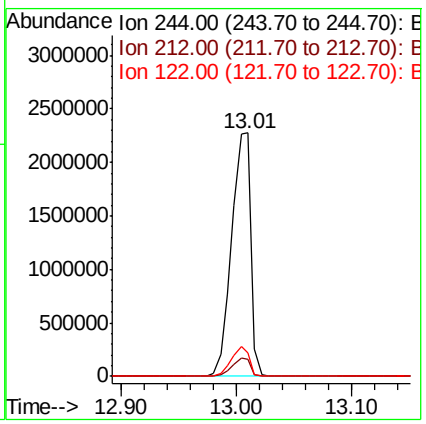


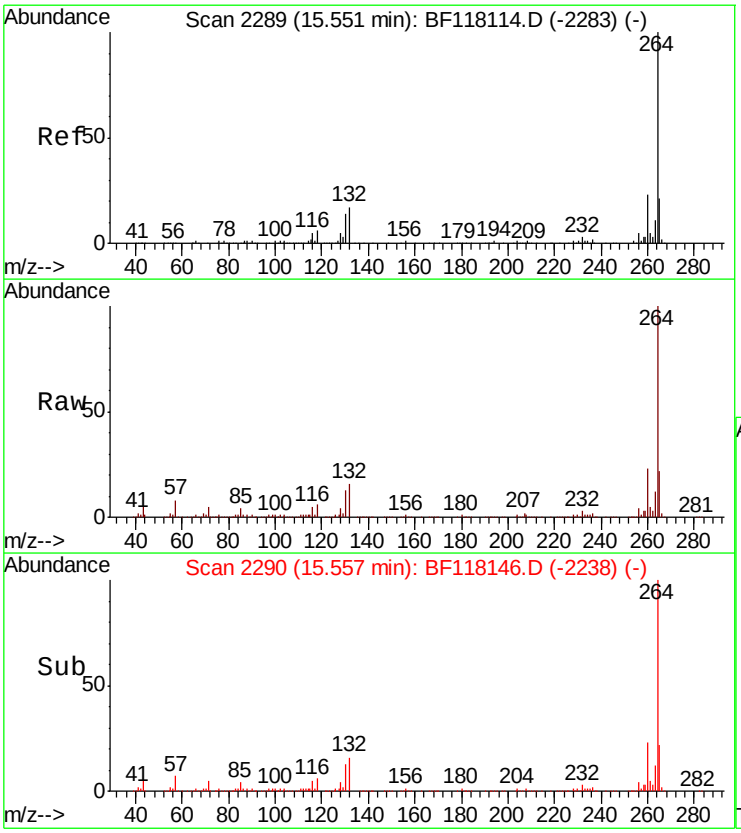

#79
Terphenyl-d14
Concen: 106.476 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

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

Tgt Ion:244 Resp: 2629926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.9 | 8.9 |
| 122 | 9.5 | 9.0 | 13.6 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:264 Resp: 361657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.6 | 28.0 |
| 265 | 21.9 | 16.8 | 25.2 |