Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118213.D
Acq On : 16 Dec 2019 23:03
Operator : JU
Sample : K6294-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 17 01:08:18 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 | 6.86 | 152 | 109967 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 430216 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.91 | 164 | 234226 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.40 | 188 | 449410 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.06 | 240 | 353860 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.54 | 264 | 330612 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 810873 | 129.15 | ng | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 917921 | 120.87 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 686469 | 89.77 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 407811 | 143.32 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 1423058 | 92.45 | ng | -0.01 |
| 79) Terphenyl-d14 | 13.00 | 244 | 1933274 | 93.95 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.50 | 77 | 1354 | Below Cal | # | 1 |
| 15) Benzyl Alcohol | 7.02 | 79 | 11886 | 2.005 | ng | # 40 |
| 19) n-Nitroso-di-n-propylamine | 7.43 | 70 | 90845 | 19.686 | ng | # 75 |
| 25) Isophorone | 7.43 | 82 | 675103 | 52.077 | ng | # 62 |
| 51) 2,6-Dinitrotoluene | 9.91 | 165 | 28414 | 7.553 | ng | # 28 |
| 57) 2,4-Dinitrotoluene | 9.91 | 165 | 28414 | 5.659 | ng | # 26 |
| 67) 4-Bromophenyl-phenylether | 10.70 | 248 | 25781 | 5.025 | ng | # 1 |
| 77) Benzidine | 12.75 | 184 | 116139 | 12.467 | ng | 97 |

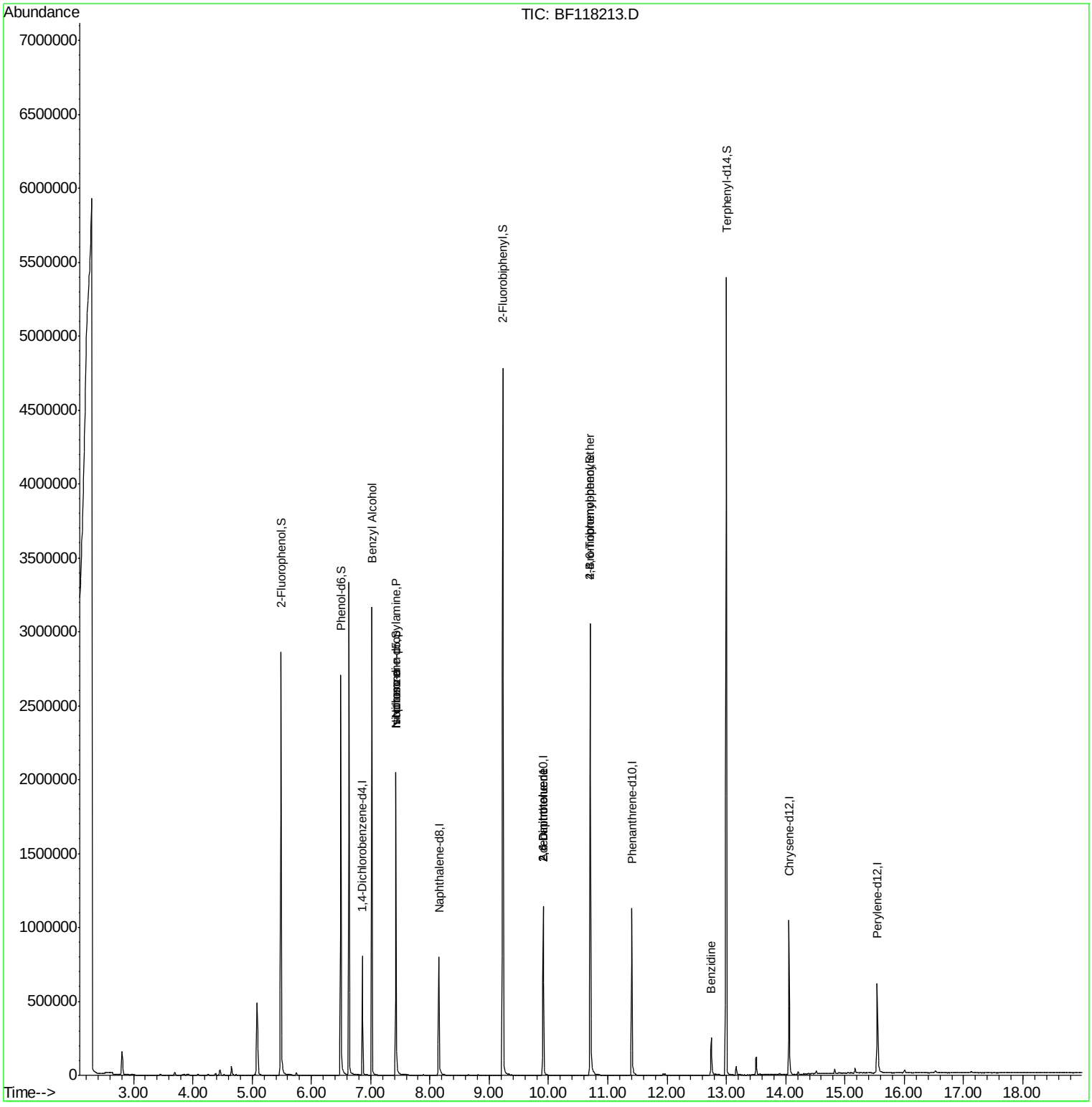
(#) = qualifier out of range (m) = manual integration (+) = signals summed

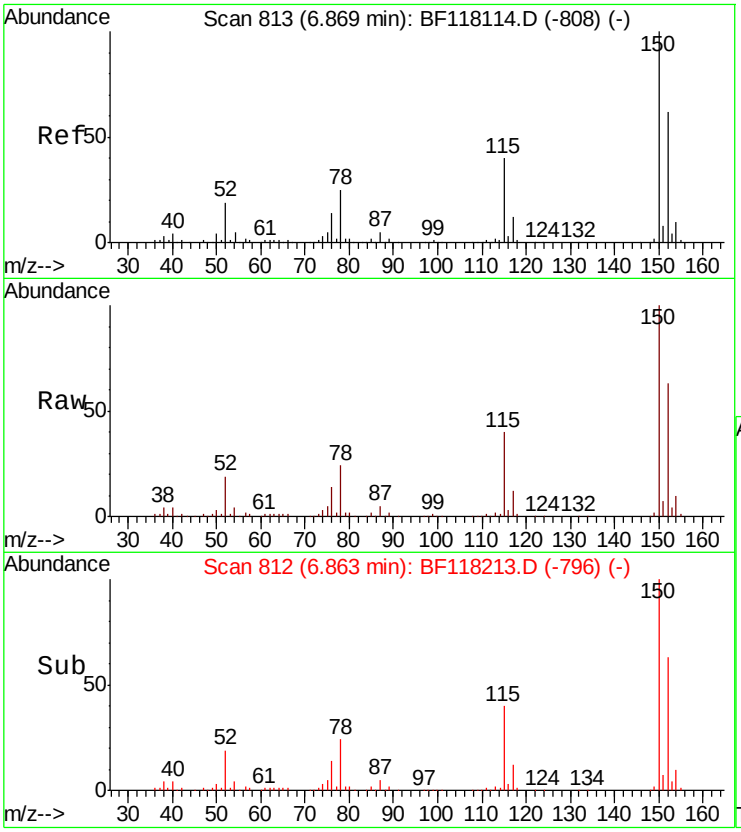
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118213.D
Acq On : 16 Dec 2019 23:03
Operator : JU
Sample : K6294-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 17 01:08:18 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



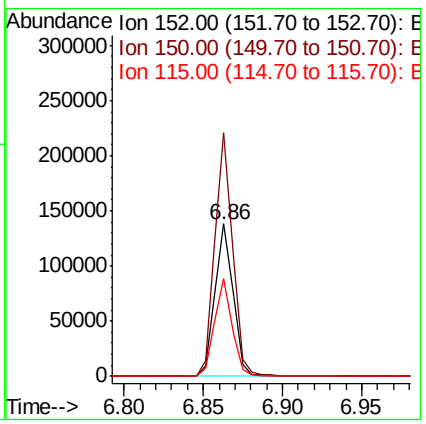


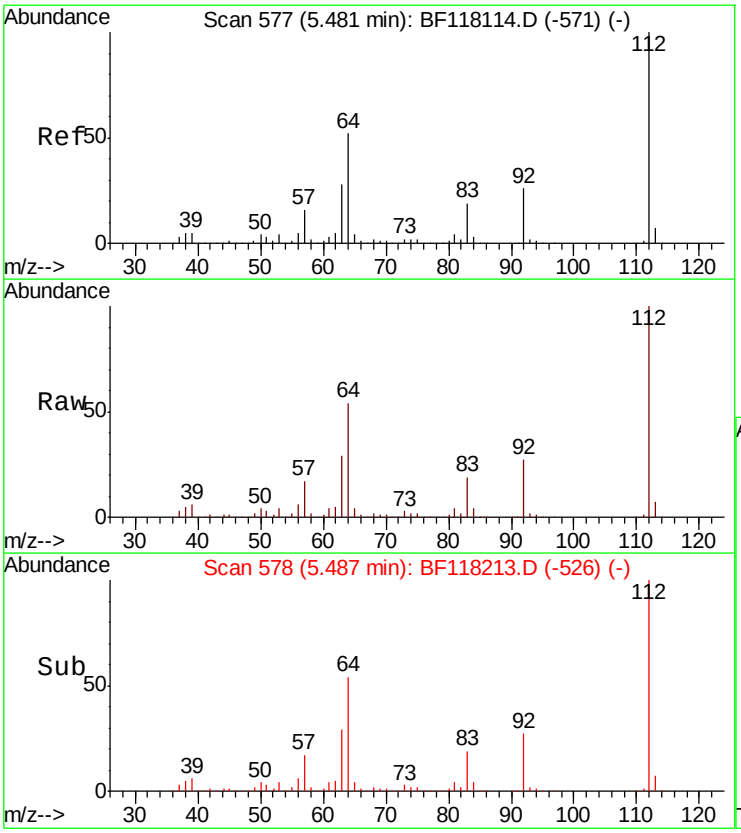

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:152 Resp: 109967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.6 | 128.3 | 192.5 |
| 115 | 64.2 | 51.1 | 76.7 |

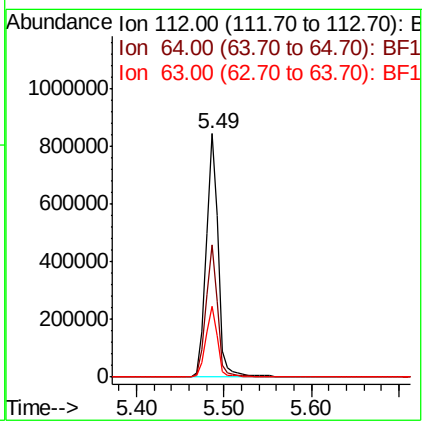


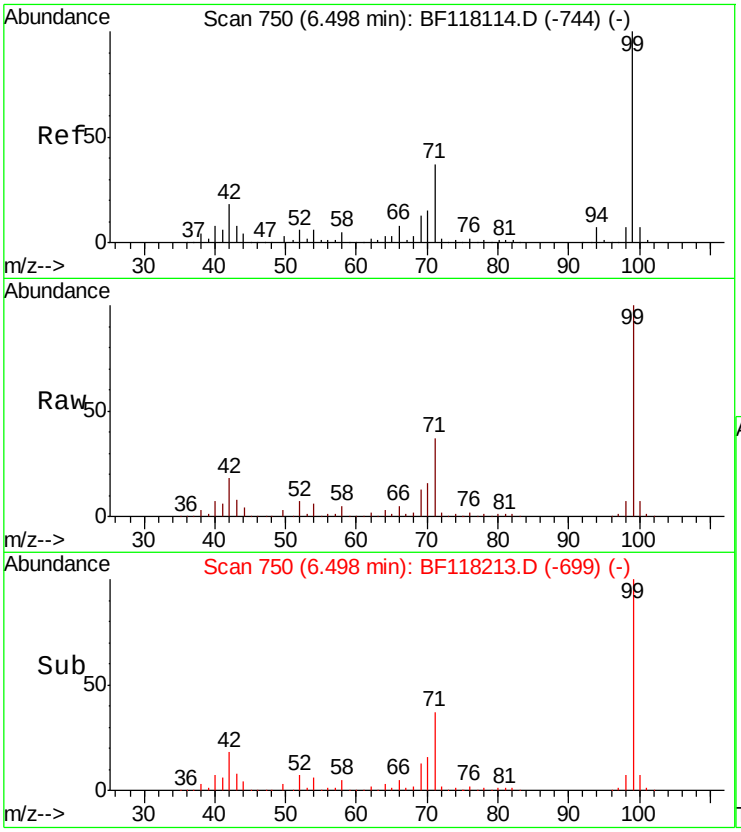




#5
2-Fluorophenol
Concen: 129.149 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:112 Resp: 810873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.4 | 41.3 | 61.9 |
| 63 | 29.3 | 22.4 | 33.6 |



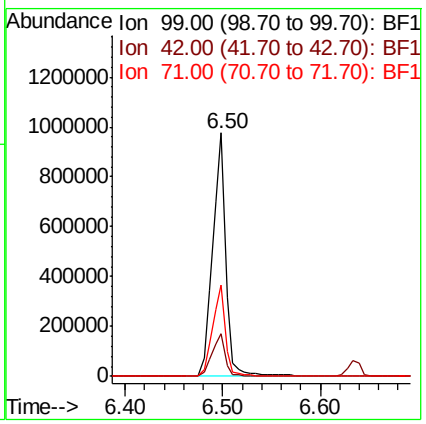


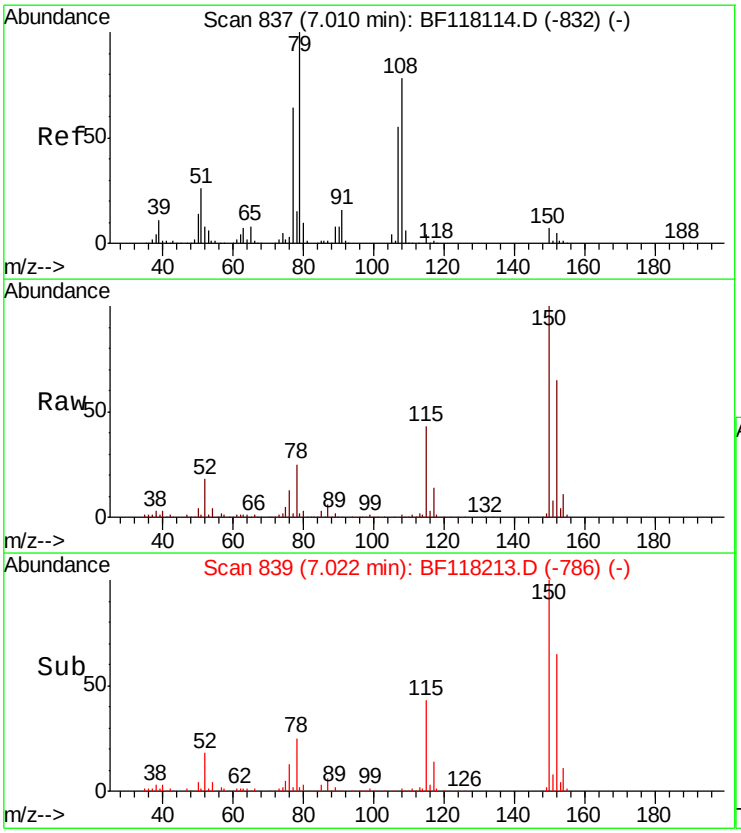

#7
Phenol-d6
Concen: 120.873 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion: 99 Resp: 917921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 14.1 | 21.1 |
| 71 | 37.3 | 29.7 | 44.5 |

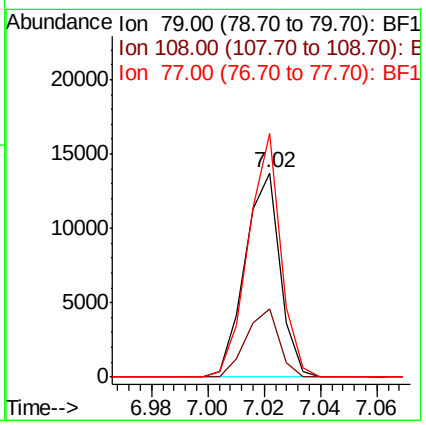


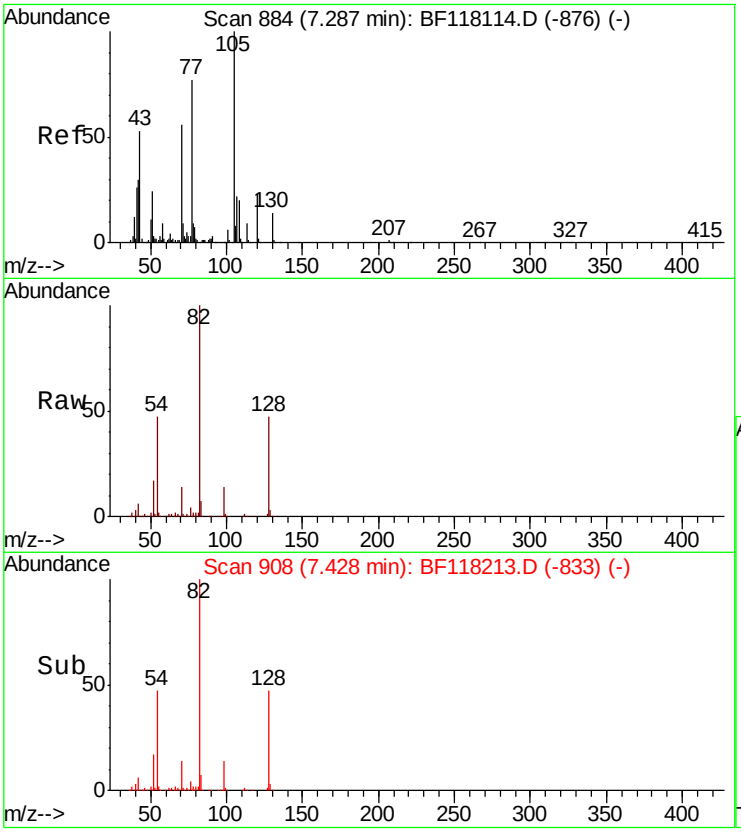




#15
Benzyl Alcohol
Concen: 2.005 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion: 79 Resp: 11886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 33.3 | 62.7 | 94.1# |
| 77 | 119.2 | 51.4 | 77.2# |



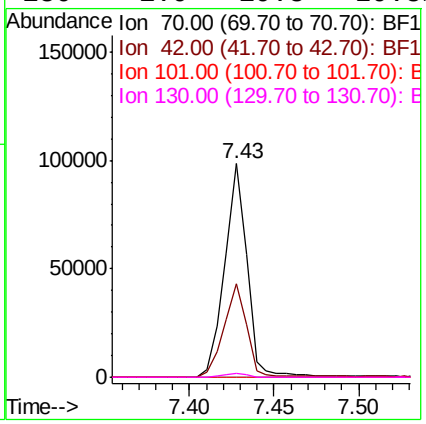


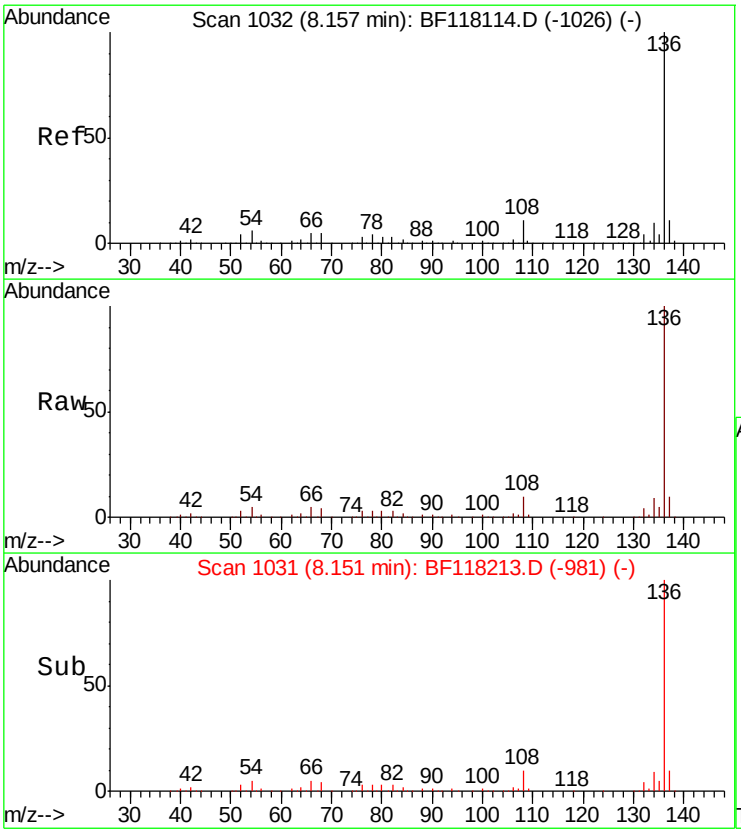

#19
n-Nitroso-di-n-propylamine
Concen: 19.686 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion: 70 Resp: 90845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.6 | 43.2 | 64.8 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 1.9 | 19.8 | 29.8# |

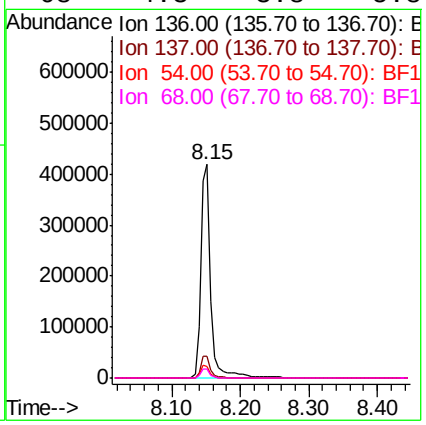


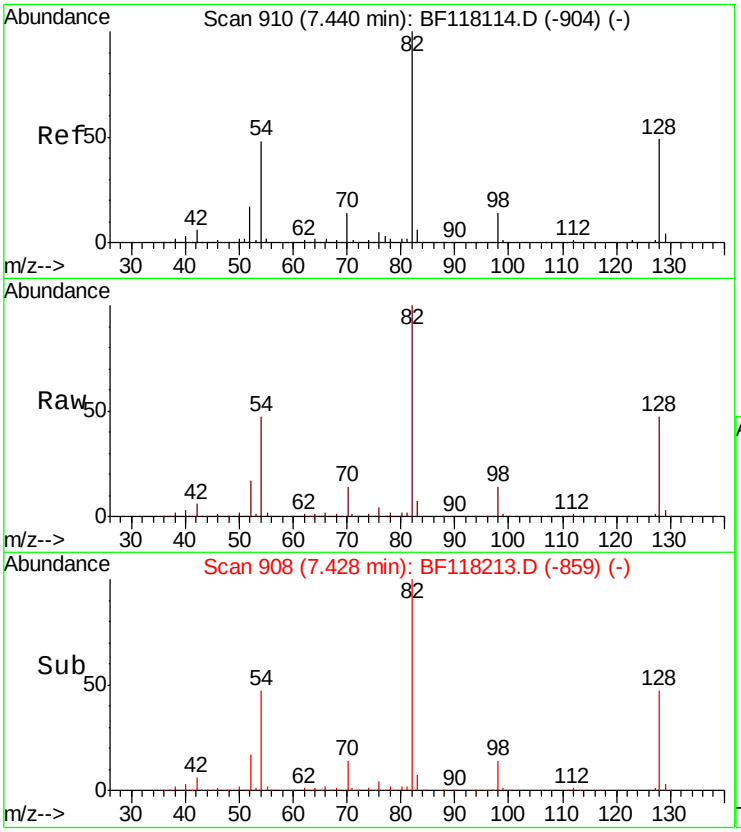




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:136 Resp: 430216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 9.0 | 13.6 |
| 54 | 5.5 | 5.0 | 7.6 |
| 68 | 4.3 | 3.8 | 5.8 |

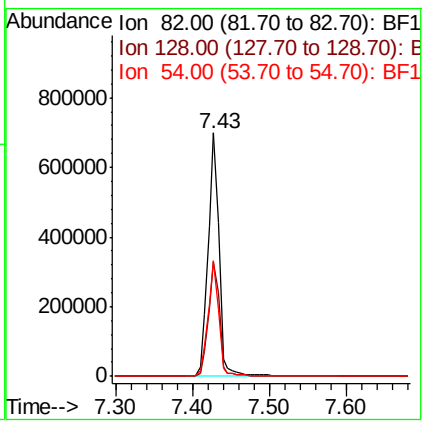




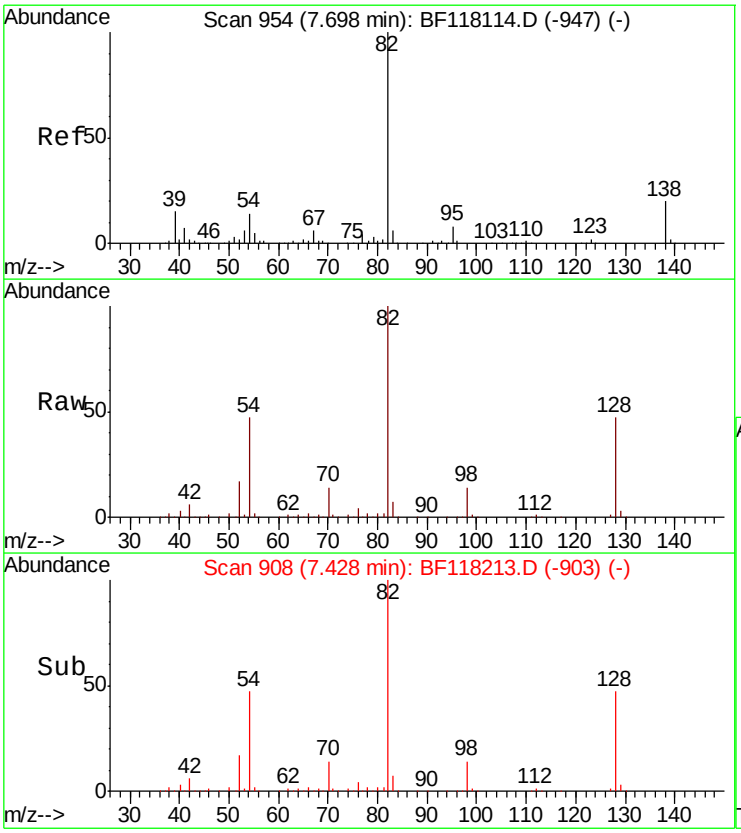

#23
Nitrobenzene-d5
Concen: 89.767 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion: 82 Resp: 686469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.0 | 39.1 | 58.7 |
| 54 | 47.4 | 38.2 | 57.2 |



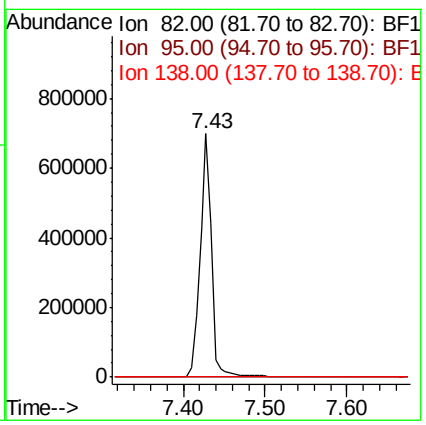

**Instrument :**
BNA_F
**ClientSampleId :**

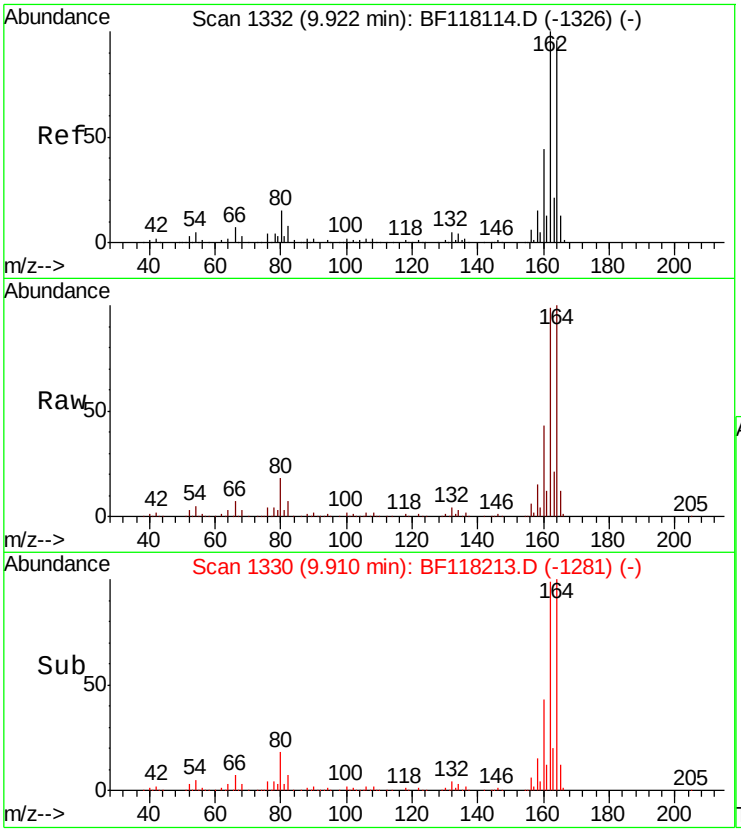



#25
Isophorone
Concen: 52.077 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion: 82 Resp: 675103

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



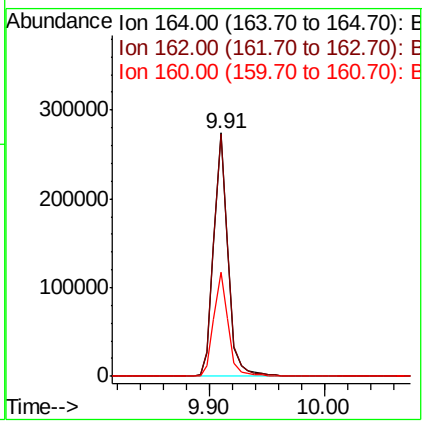


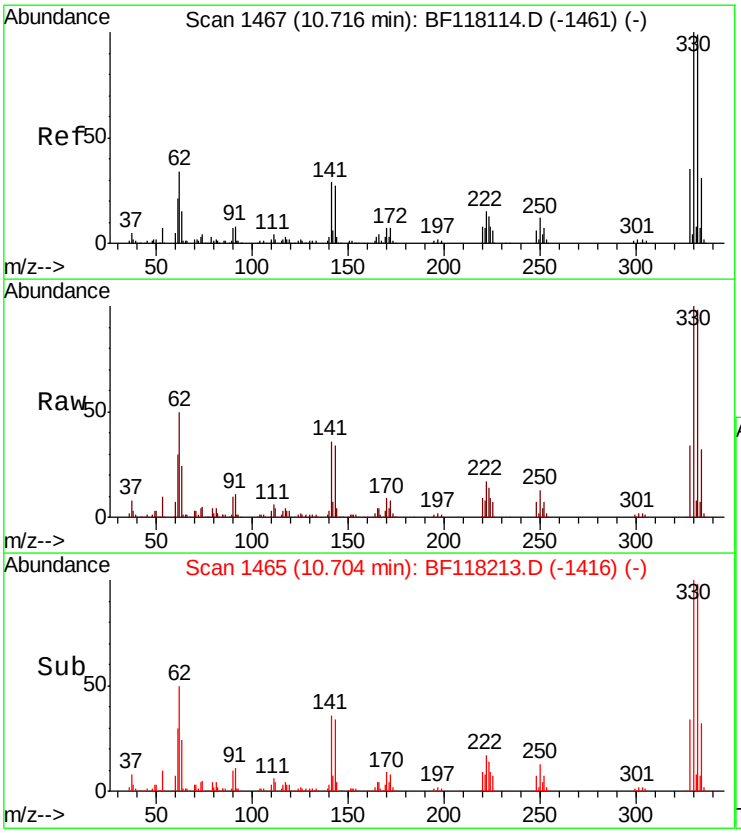

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:164 Resp: 234226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 83.4 | 125.0 |
| 160 | 42.6 | 36.6 | 54.8 |

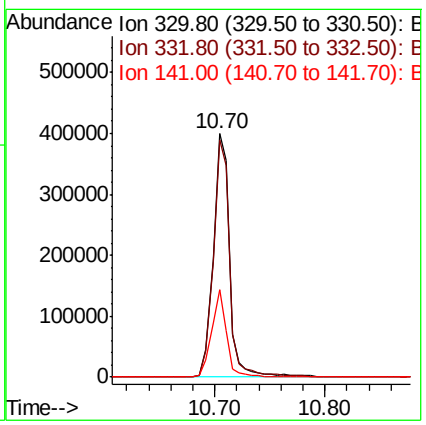


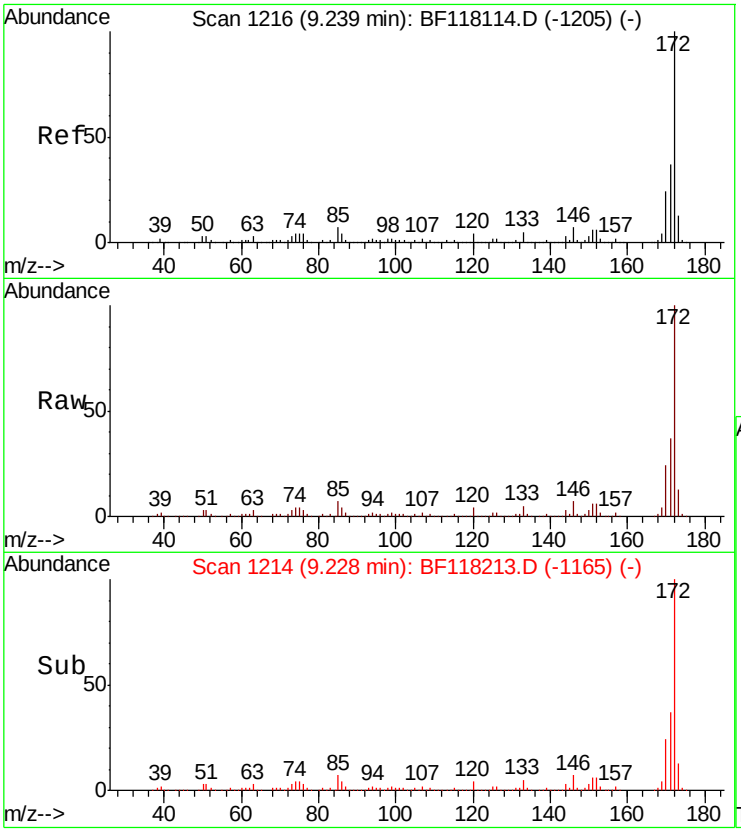




#42
2,4,6-Tribromophenol
Concen: 143.322 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:330 Resp: 407811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 78.1 | 117.1 |
| 141 | 32.8 | 26.9 | 40.3 |



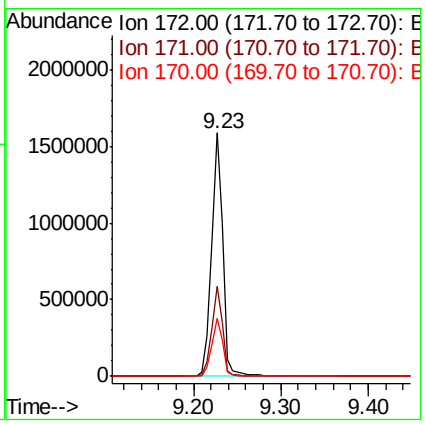


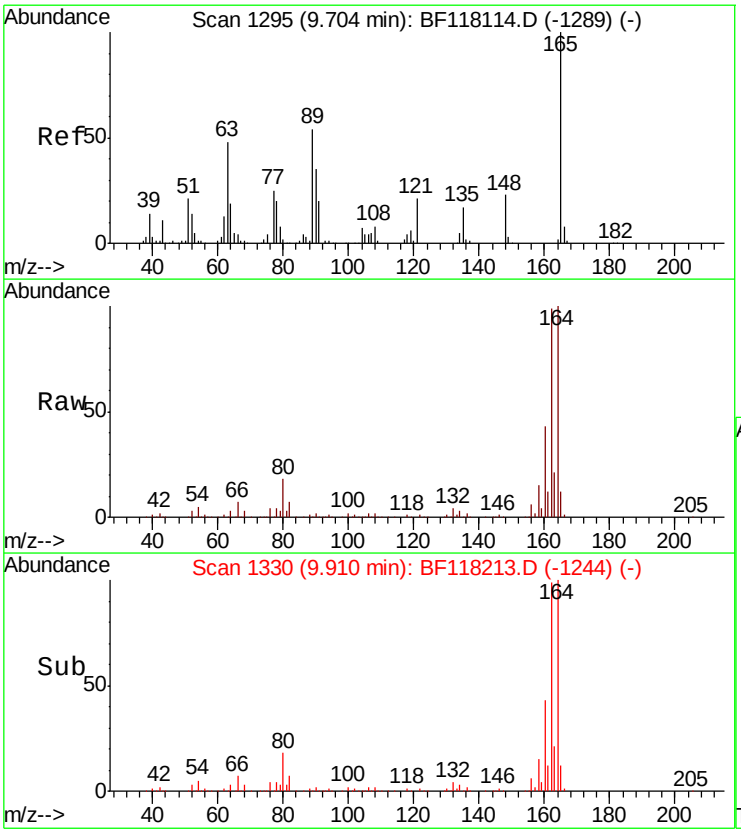

#45
2-Fluorobiphenyl
Concen: 92.449 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:172 Resp: 1423058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.2 | 43.8 |
| 170 | 23.9 | 19.4 | 29.2 |

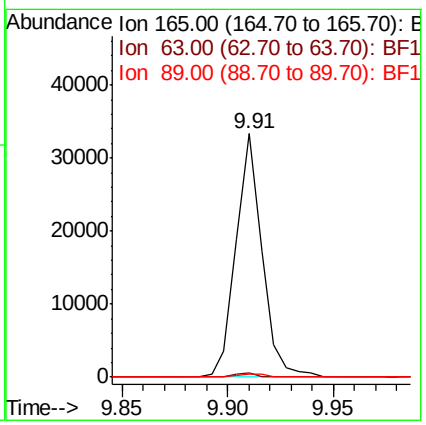


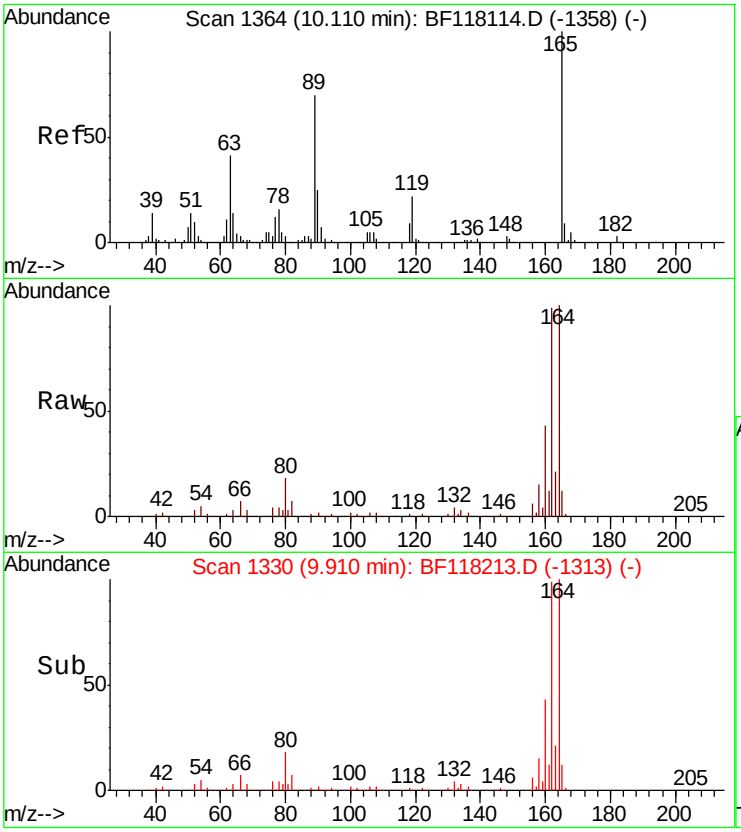




#51
2,6-Dinitrotoluene
Concen: 7.553 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:165 Resp: 28414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 41.4 | 62.0# |
| 89 | 1.4 | 42.9 | 64.3# |



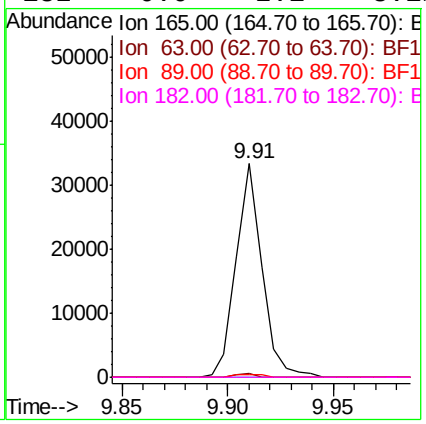


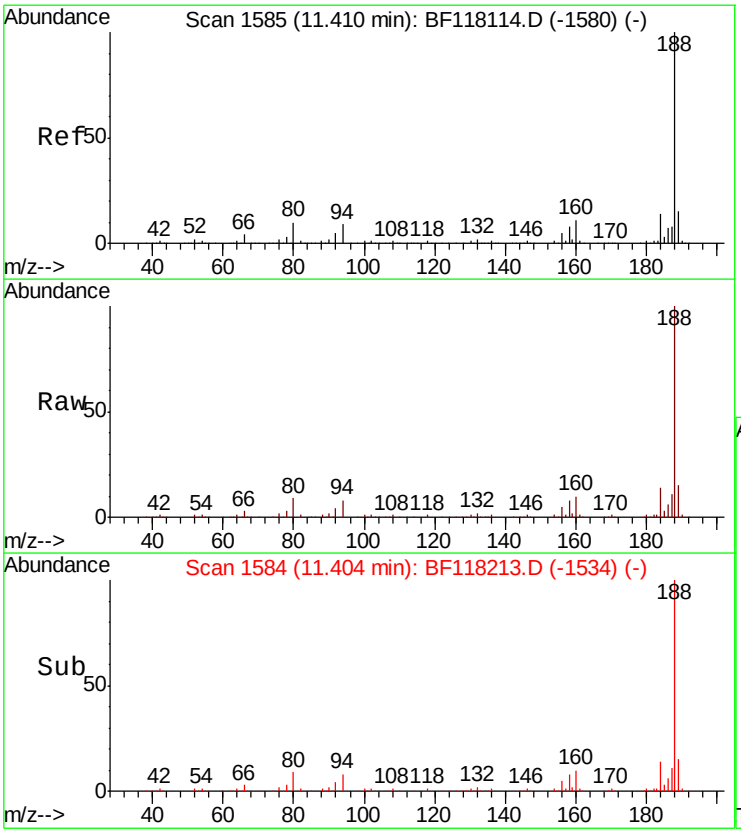

#57
2,4-Dinitrotoluene
Concen: 5.659 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:165 Resp: 28414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 32.6 | 49.0# |
| 89 | 1.4 | 56.1 | 84.1# |
| 182 | 0.0 | 2.1 | 3.1# |

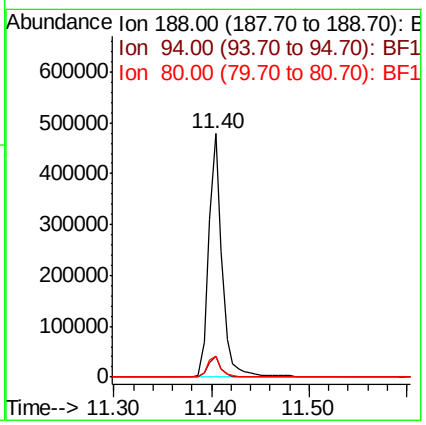


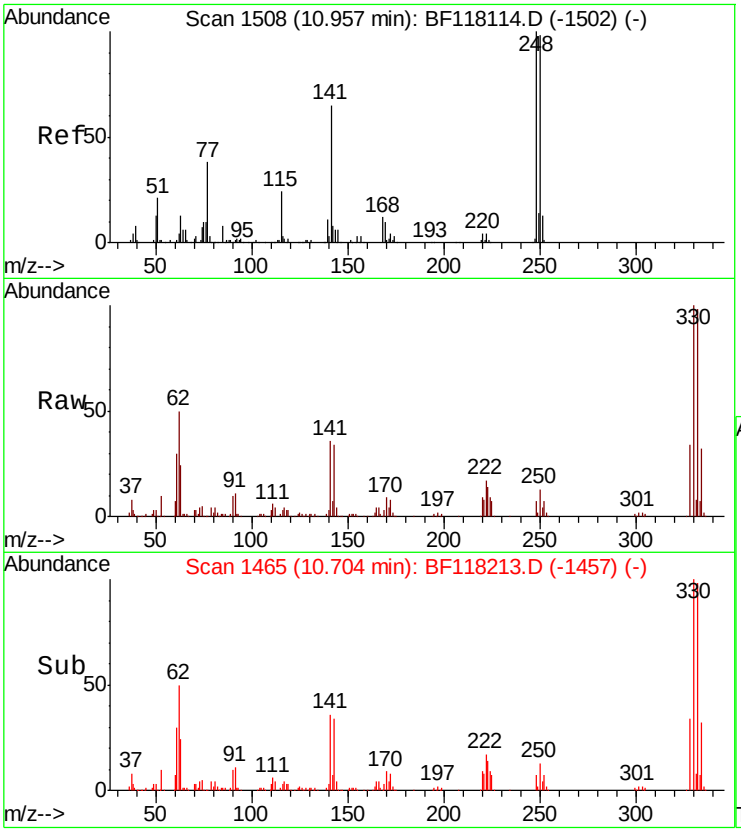




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:188 Resp: 449410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.1 | 10.7 |
| 80 | 8.5 | 7.9 | 11.9 |



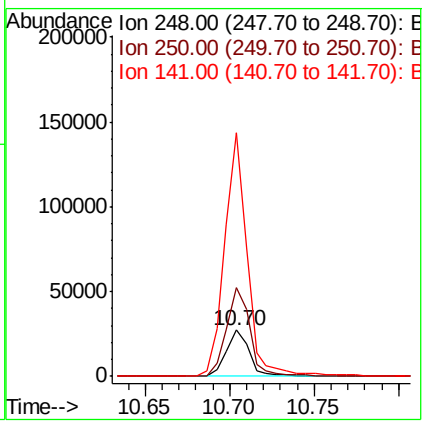


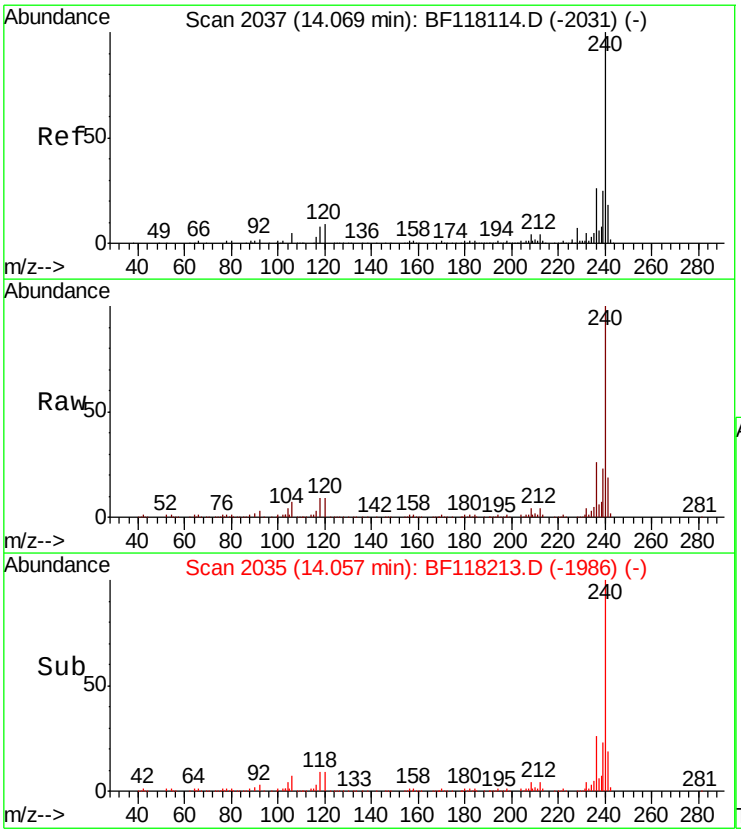

#67
4-Bromophenyl-phenylether
Concen: 5.025 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:248 Resp: 25781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.5 | 78.3 | 117.5# |
| 141 | 529.9 | 52.2 | 78.4# |

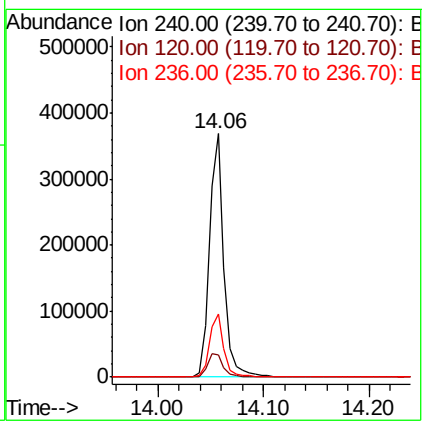


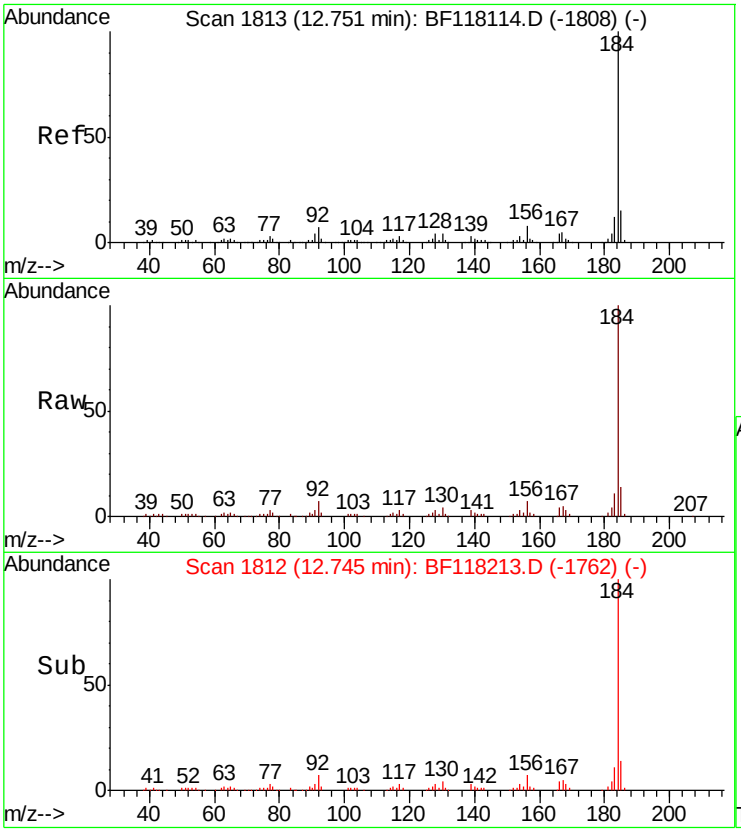




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

Tgt Ion:240 Resp: 353860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 7.1 | 10.7 |
| 236 | 26.1 | 21.0 | 31.6 |



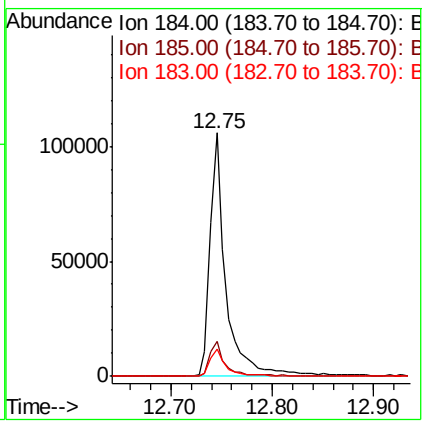


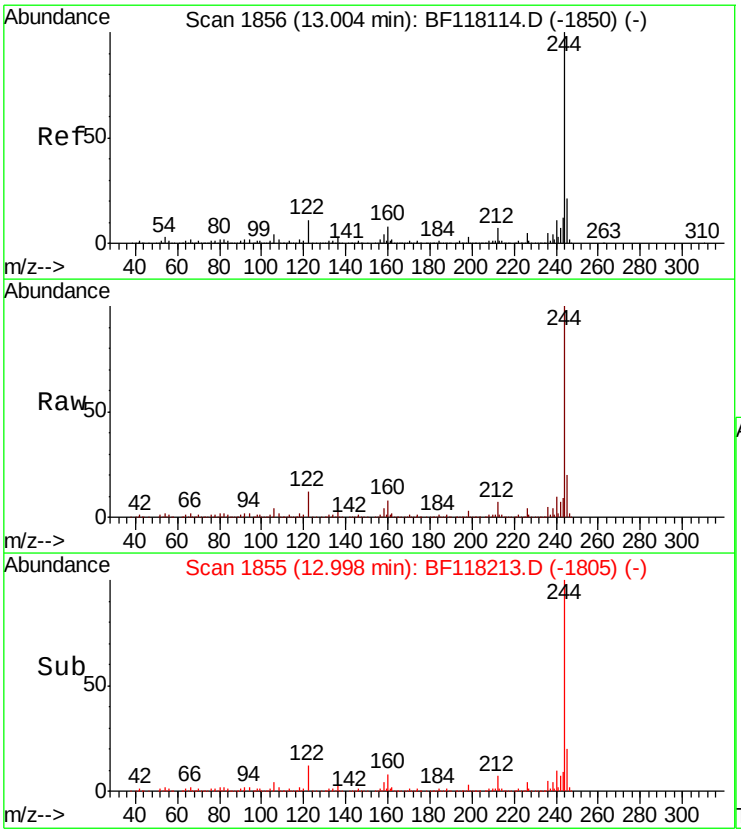

#77
Benzidine
Concen:  12.467 ng
RT: 12.75 min  Scan# 1812
Delta R.T.  -0.01 min
Lab File:  BF118213.D
Acq: 16 Dec 2019  23:03

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

Tgt Ion:184 Resp:  116139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 12.3 | 18.5 |
| 183 | 11.3 | 9.9 | 14.9 |

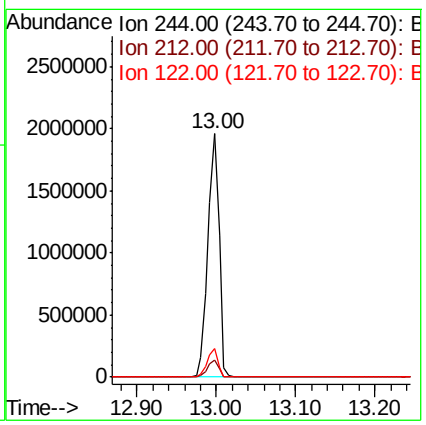


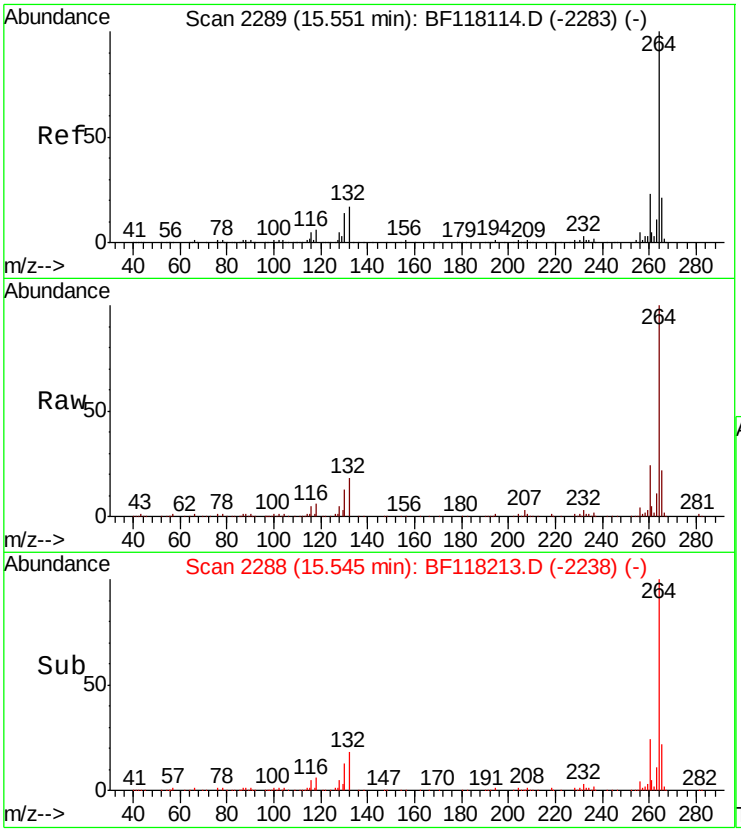




#79
Terphenyl-d14
Concen:  93.950 ng
RT: 13.00 min  Scan# 1855
Delta R.T.  -0.01 min
Lab File:  BF118213.D
Acq: 16 Dec 2019  23:03

Tgt Ion:244 Resp: 1933274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.9 | 8.9 |
| 122 | 11.7 | 9.0 | 13.6 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118213.D
Acq: 16 Dec 2019 23:03

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

Tgt Ion:264 Resp: 330612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.6 | 28.0 |
| 265 | 21.6 | 16.8 | 25.2 |