Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108446.D
Acq On : 24 Aug 2018 3:43
Operator : JU/SJ
Sample : J4546-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 24 05:37:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.00 | 152 | 139891 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.28 | 136 | 521145 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.04 | 164 | 248398 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.54 | 188 | 421303 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.19 | 240 | 292025 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.75 | 264 | 259487 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 813777 | 105.32 | ng | 0.00 |
| 7) Phenol-d6 | 6.62 | 99 | 1071217 | 104.33 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.57 | 82 | 707742 | 75.78 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 225995 | 91.21 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.36 | 172 | 1180005 | 76.27 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.12 | 244 | 885515 | 77.10 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.57 | 70 | 96231 | 13.859 | ng | # 82 |
| 25) Isophorone | 7.57 | 82 | 707729 | 39.758 | ng | # 64 |
| 49) Dimethylphthalate | 9.75 | 163 | 85346 | 4.932 | ng | # 98 |
| 50) 2,6-Dinitrotoluene | 10.04 | 165 | 31474 | 8.694 | ng | # 25 |
| 56) 2,4-Dinitrotoluene | 10.04 | 165 | 31474 | 6.754 | ng | # 23 |
| 64) 4,6-Dinitro-2-methylphenol | 10.84 | 198 | 396 | 5.581 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.84 | 248 | 14985 | 3.273 | ng | # 1 |

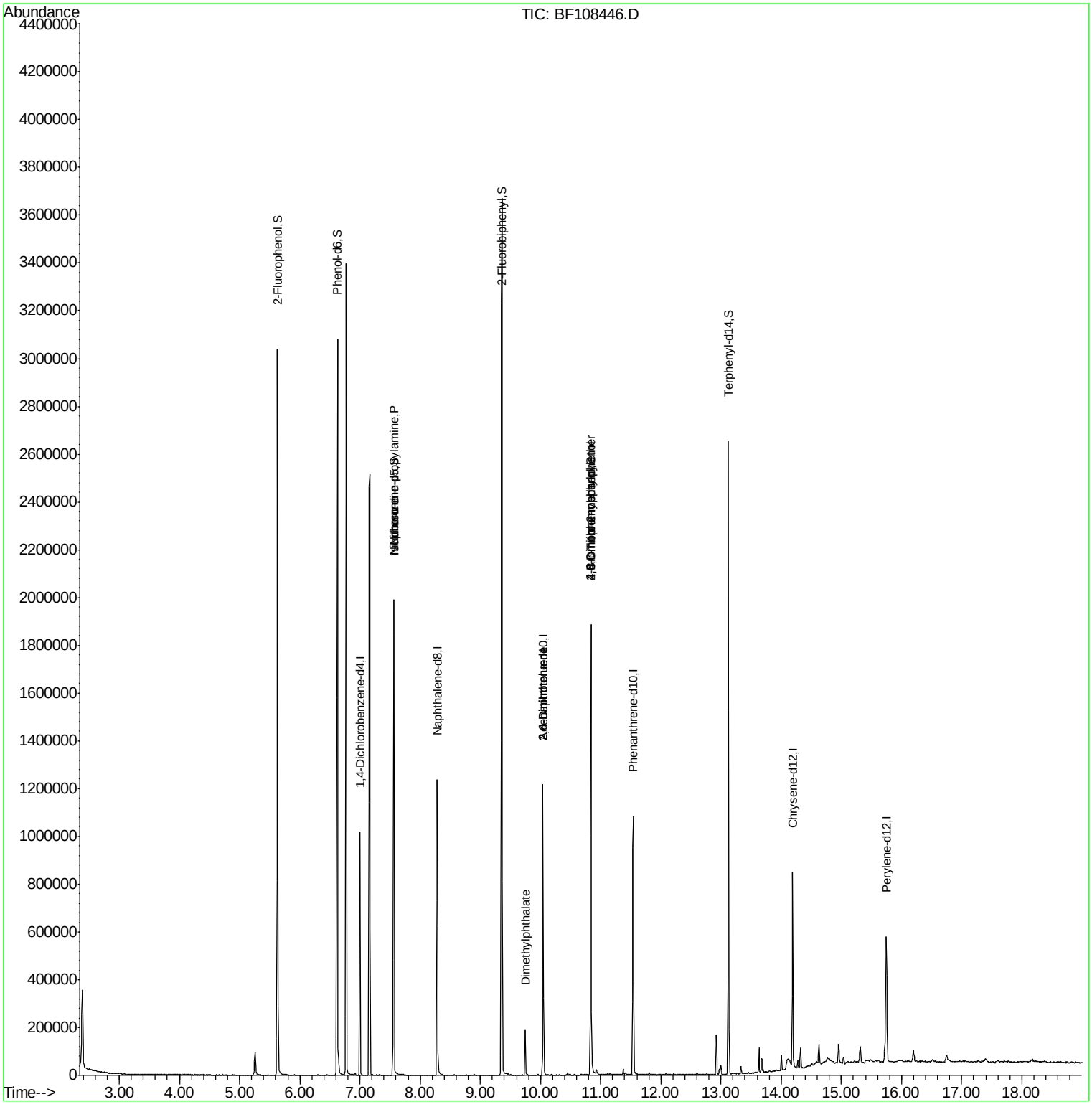
(#) = qualifier out of range (m) = manual integration (+) = signals summed

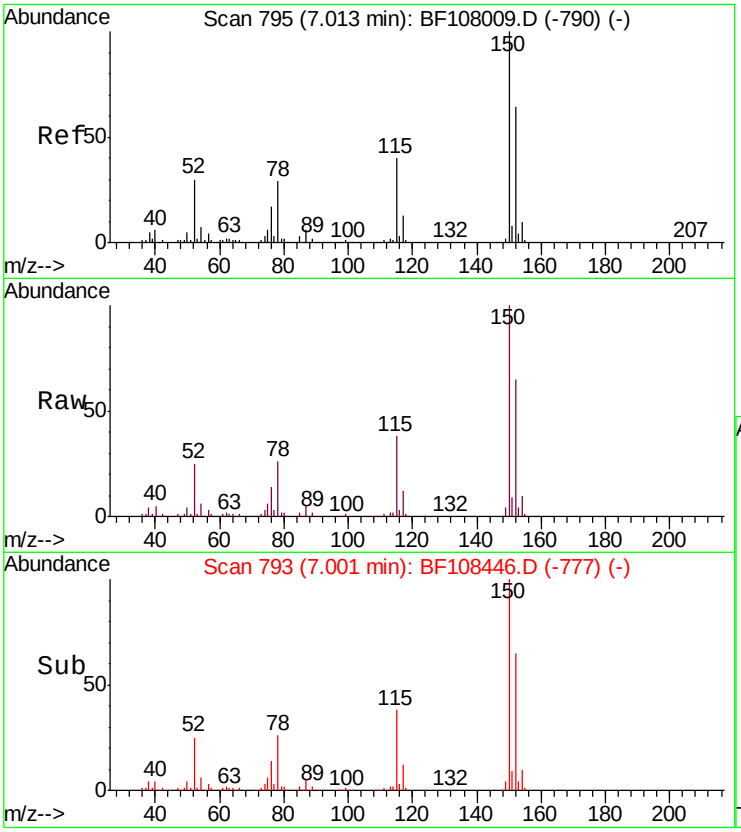
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108446.D
Acq On : 24 Aug 2018 3:43
Operator : JU/SJ
Sample : J4546-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 24 05:37:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



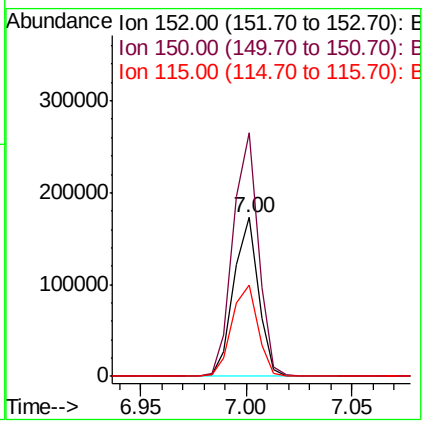


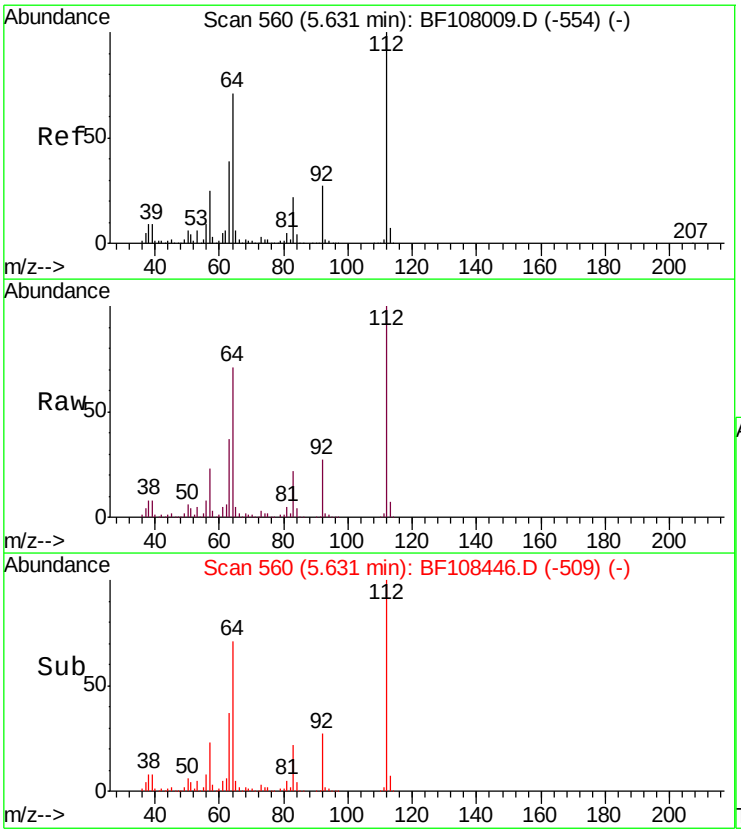

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:152 Resp: 139891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.2 | 124.6 | 186.8 |
| 115 | 57.7 | 50.1 | 75.1 |

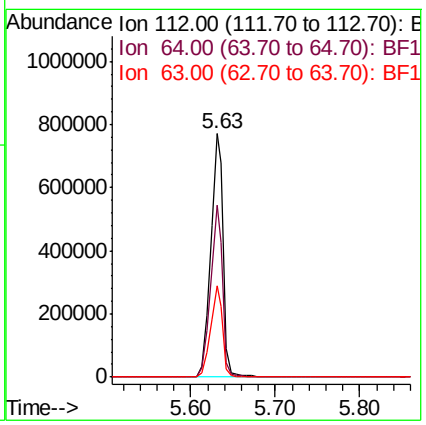


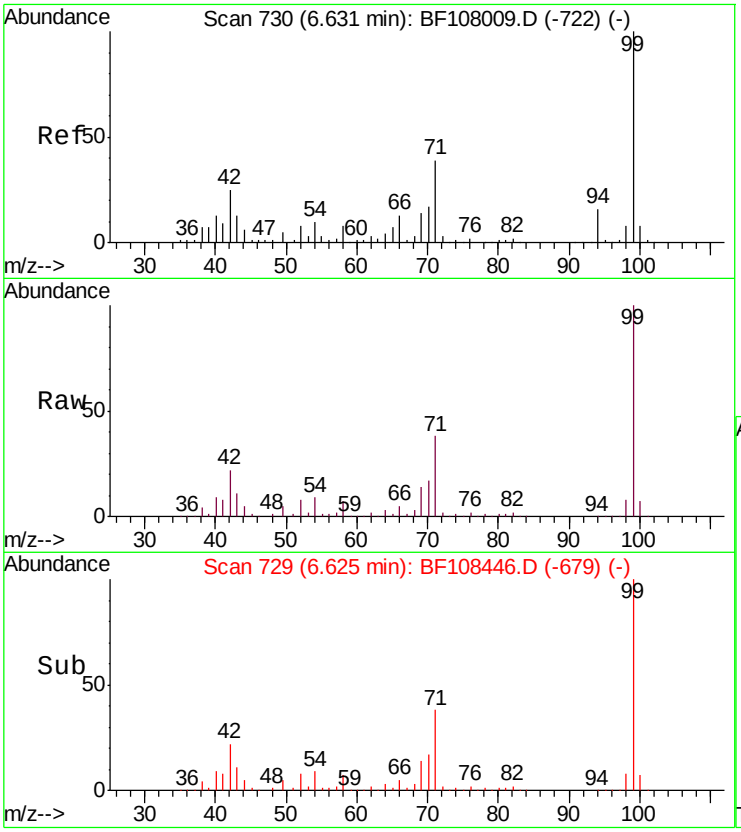




#5
2-Fluorophenol
Concen: 105.318 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:112 Resp: 813777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.6 | 47.9 | 71.9 |
| 63 | 37.3 | 23.7 | 35.5# |



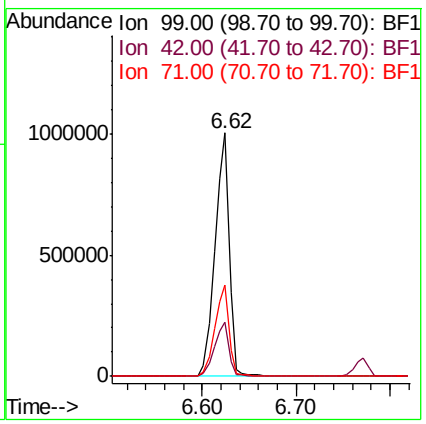


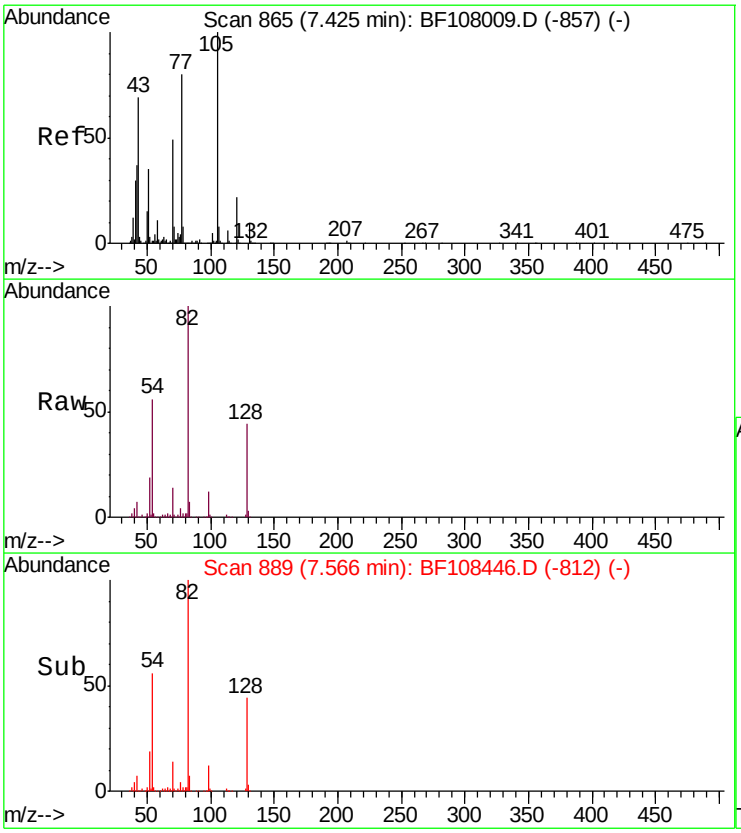

#7
Phenol-d6
Concen: 104.326 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion: 99 Resp: 1071217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.3 | 14.5 | 21.7# |
| 71 | 37.6 | 25.4 | 38.0 |

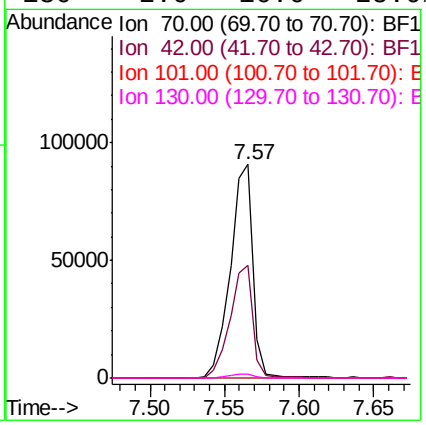


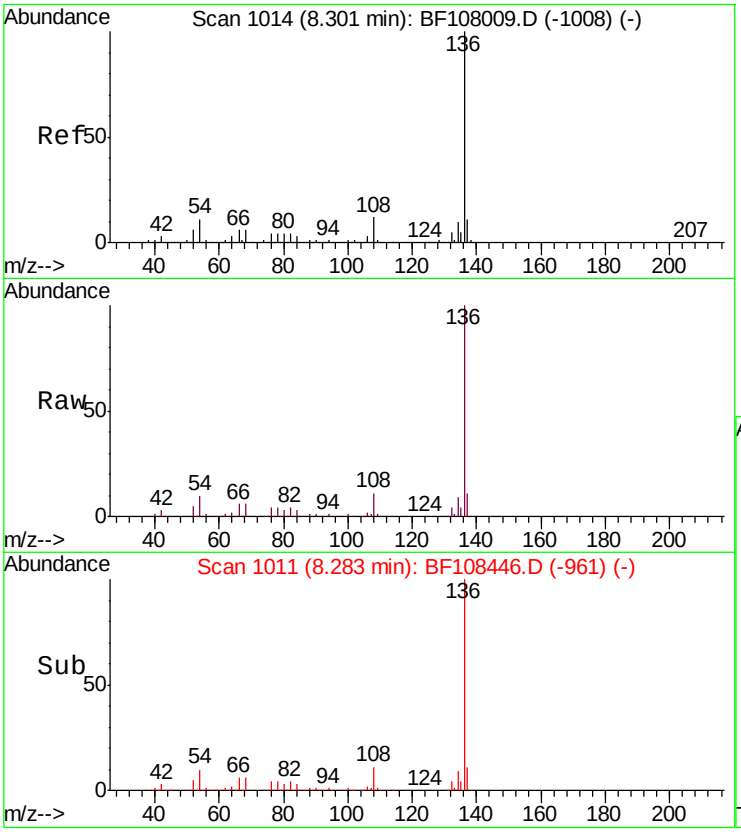




#19
n-Nitroso-di-n-propylamine
Concen: 13.859 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion: 70 Resp: 96231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.6 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.0 | 16.6 | 25.0# |



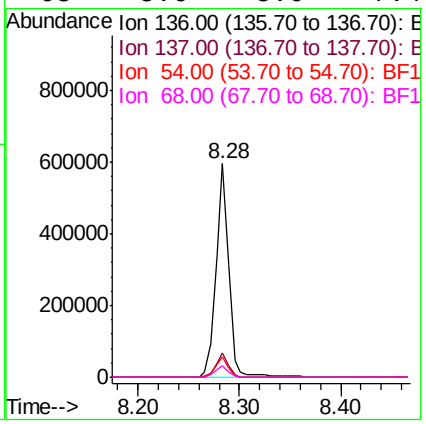


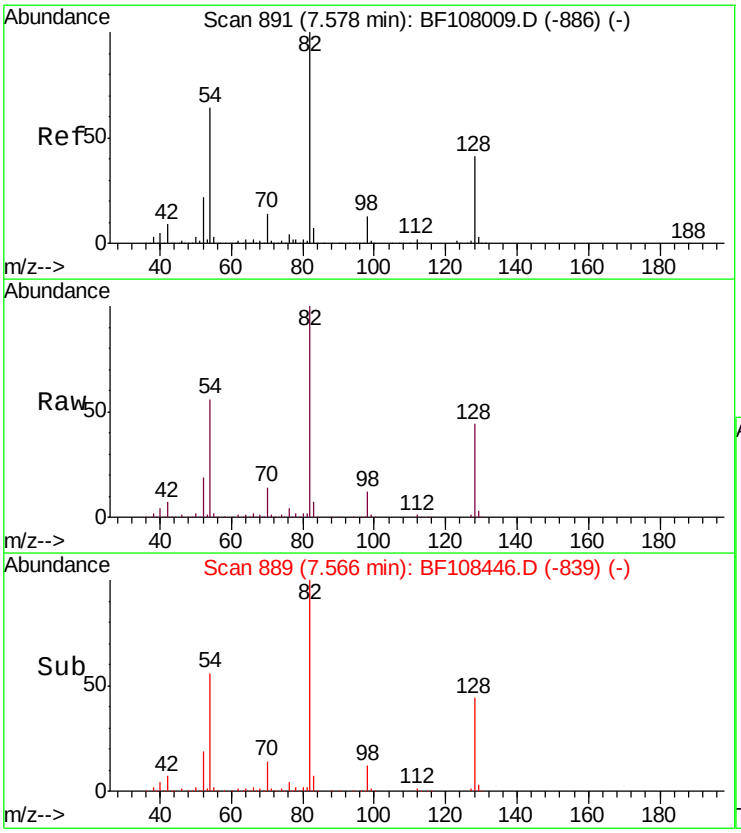

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:136 Resp: 521145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 9.6 | 6.6 | 9.8 |
| 68 | 5.6 | 5.0 | 7.4 |

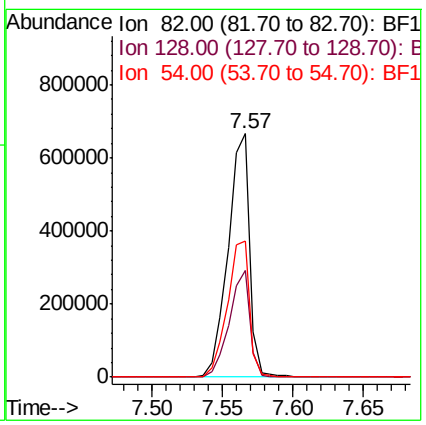


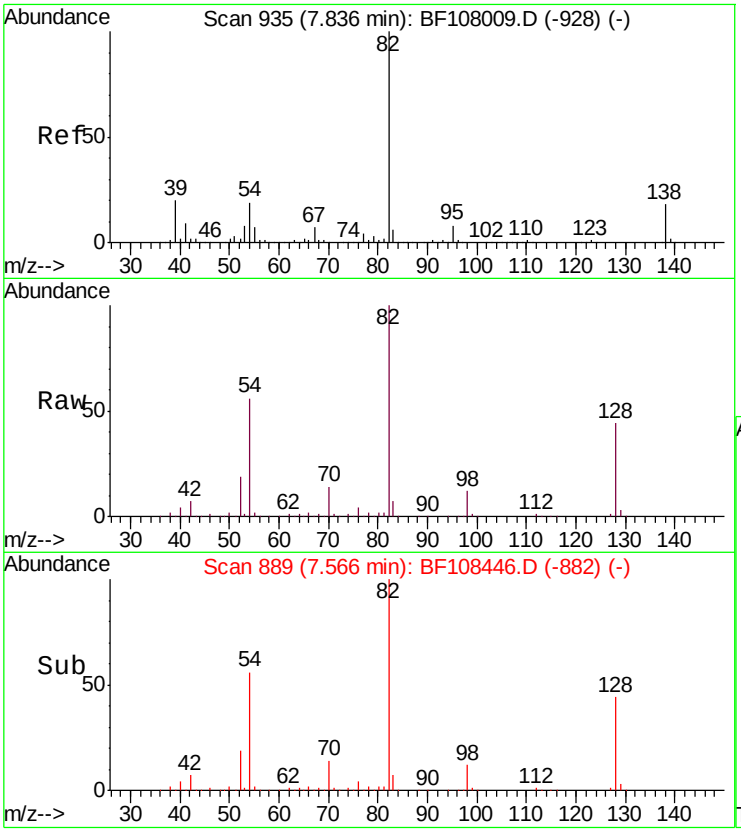




#23
Nitrobenzene-d5
Concen: 75.781 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion: 82 Resp: 707742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 36.1 | 54.1 |
| 54 | 55.9 | 41.4 | 62.2 |



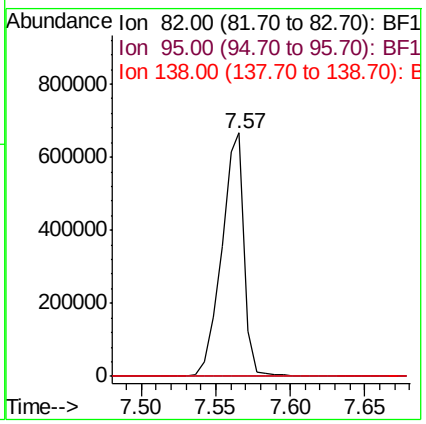


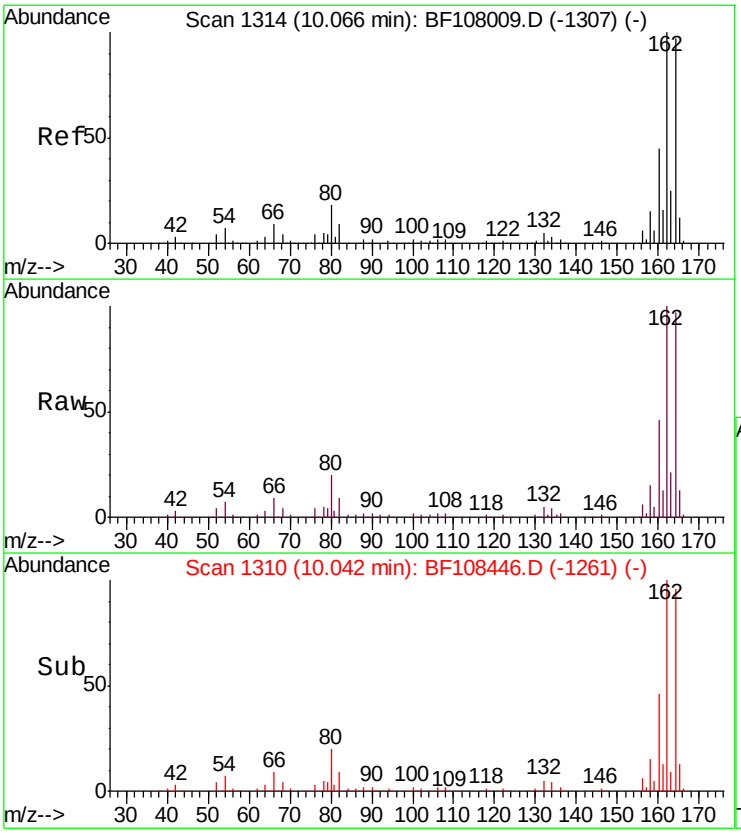

#25
Isophorone
Concen: 39.758 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion: 82 Resp: 707729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |

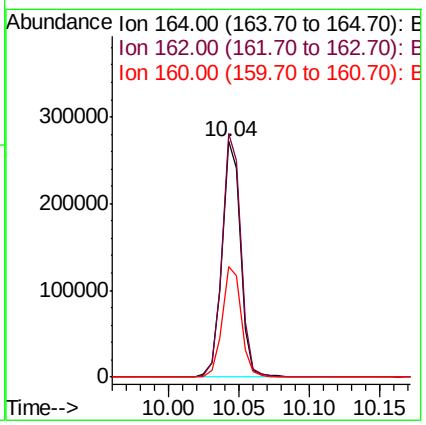


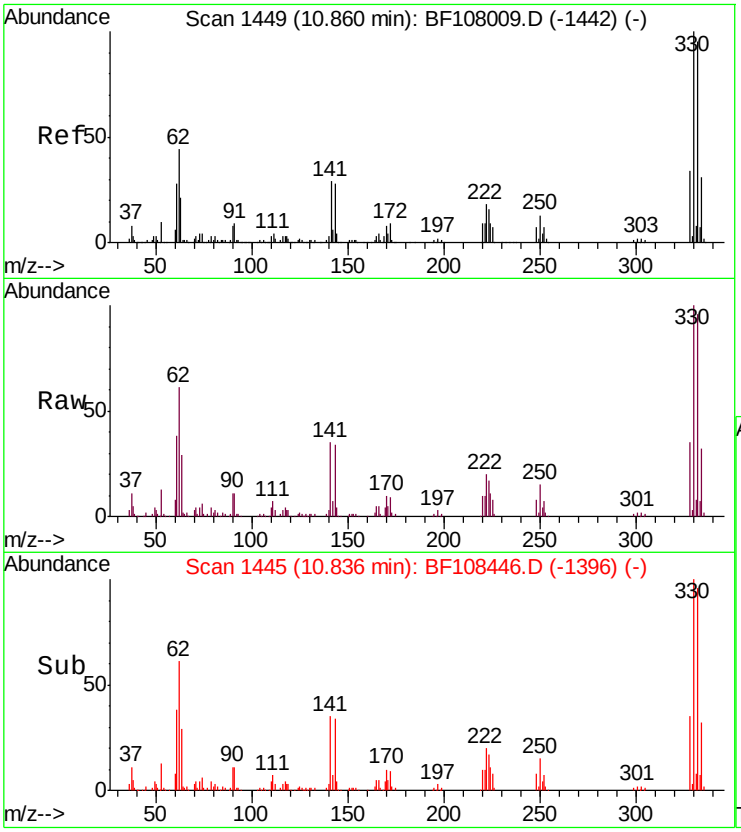




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:164 Resp: 248398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 86.1 | 129.1 |
| 160 | 47.1 | 38.3 | 57.5 |



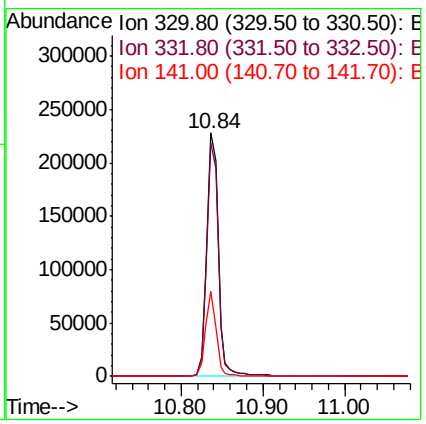


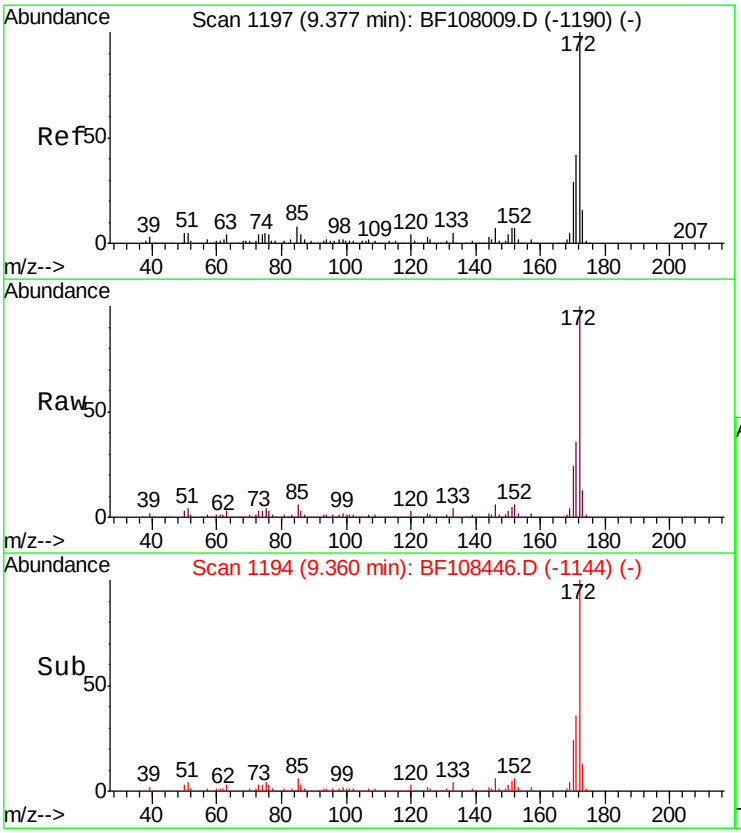

#41
2,4,6-Tribromophenol
Concen: 91.211 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:330 Resp: 225995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.0 | 115.6 |
| 141 | 32.5 | 29.9 | 44.9 |

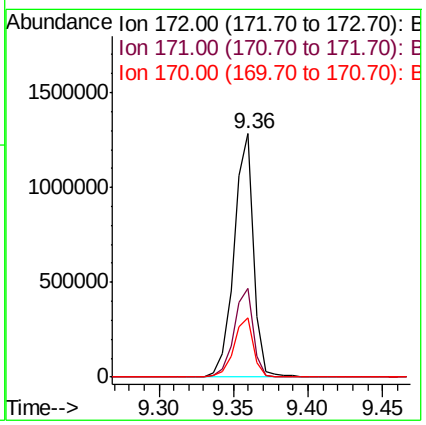


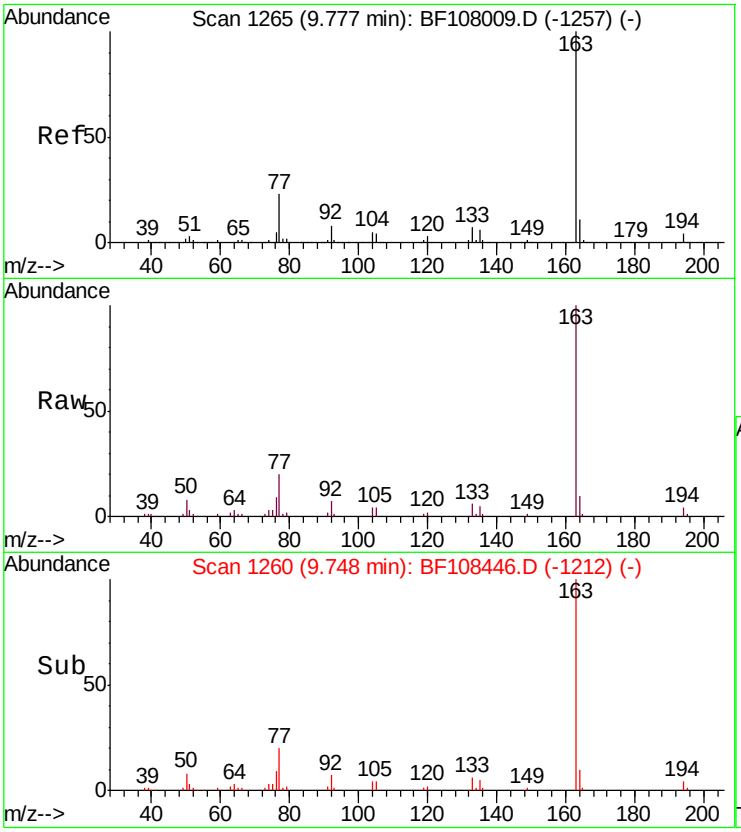




#44
2-Fluorobiphenyl
Concen: 76.267 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:172 Resp: 1180005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.7 | 44.5 |
| 170 | 24.4 | 19.6 | 29.4 |



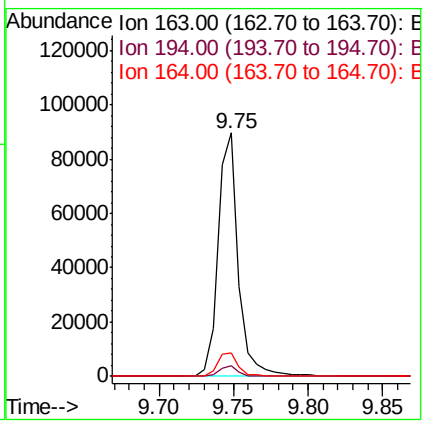


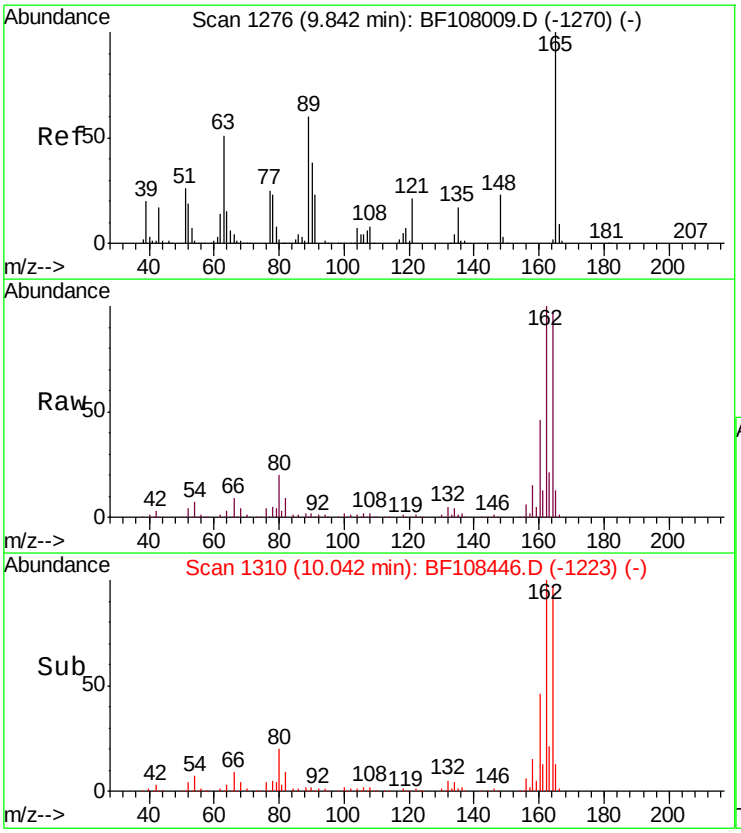

#49
Dimethylphthalate
Concen: 4.932 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:163 Resp: 85346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 2.7 | 4.1# |
| 164 | 9.8 | 8.2 | 12.2 |

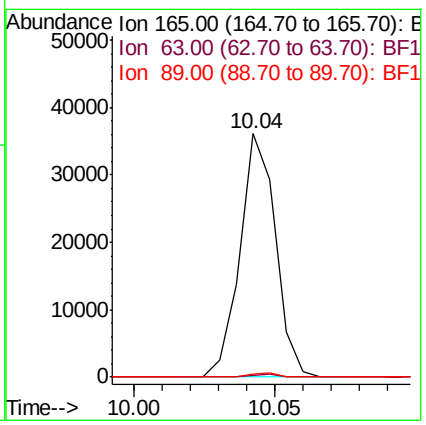


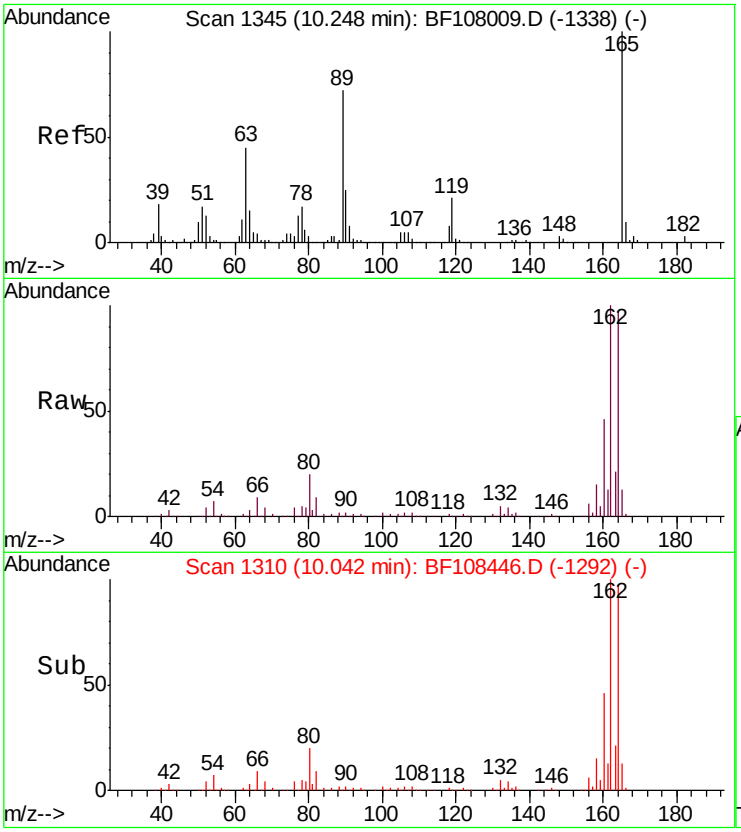




#50
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:165 Resp: 31474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 44.7 | 67.1# |
| 89 | 1.3 | 44.0 | 66.0# |



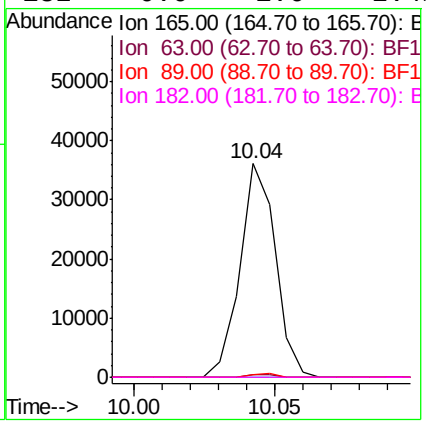


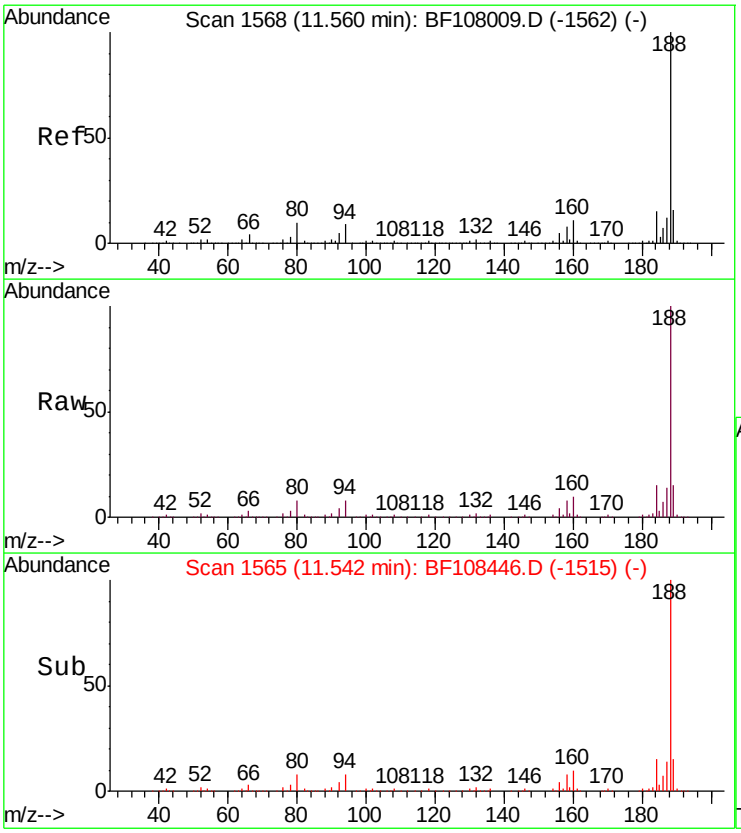

#56
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:165 Resp: 31474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 36.4 | 54.6# |
| 89 | 1.3 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

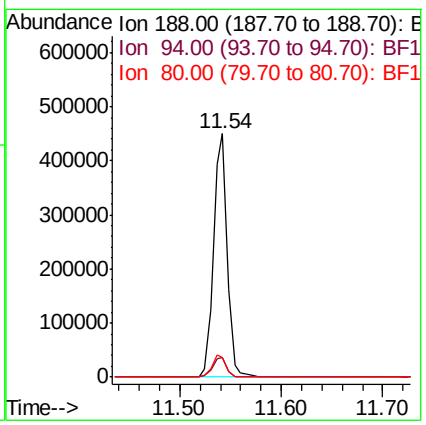


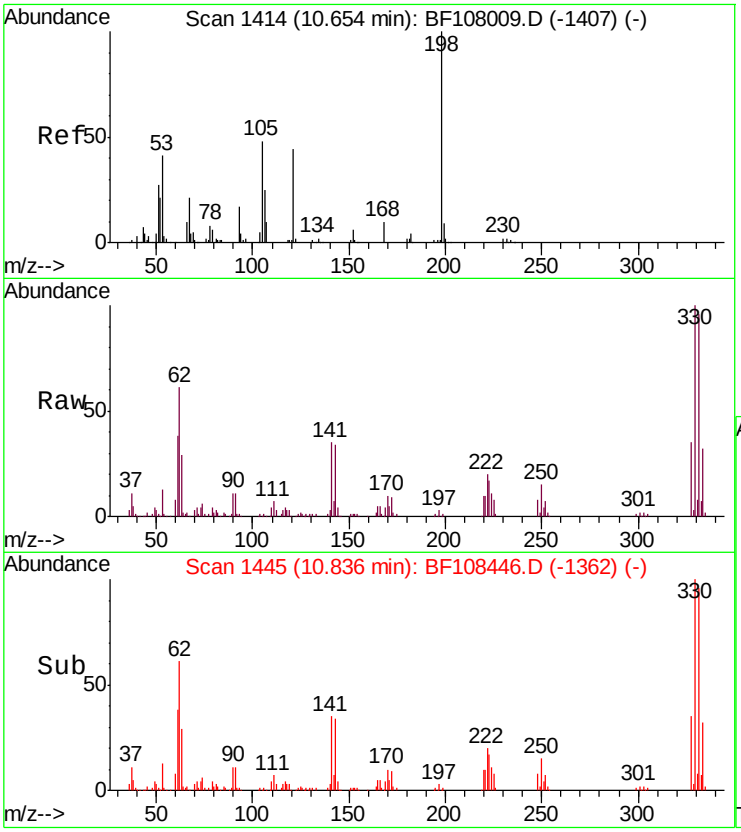




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:188 Resp: 421303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 8.5 | 12.7# |
| 80 | 8.2 | 9.2 | 13.8# |



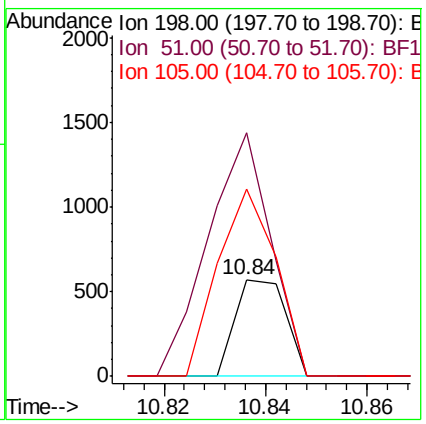


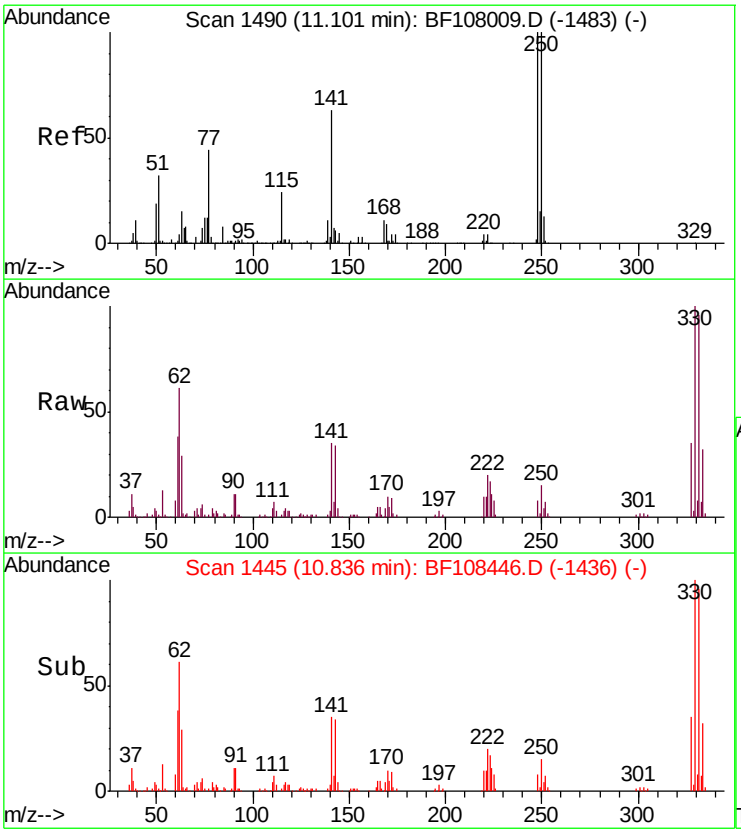

#64
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:198 Resp: 396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 251.4 | 37.7 | 77.7# |
| 105 | 193.7 | 36.3 | 76.3# |

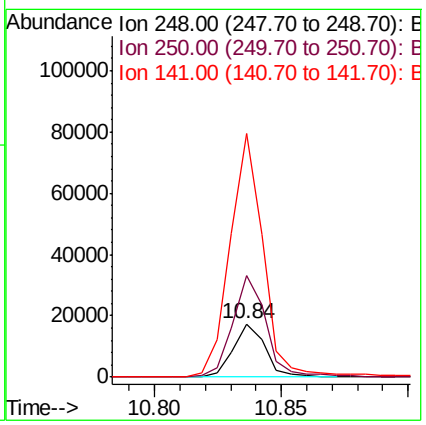


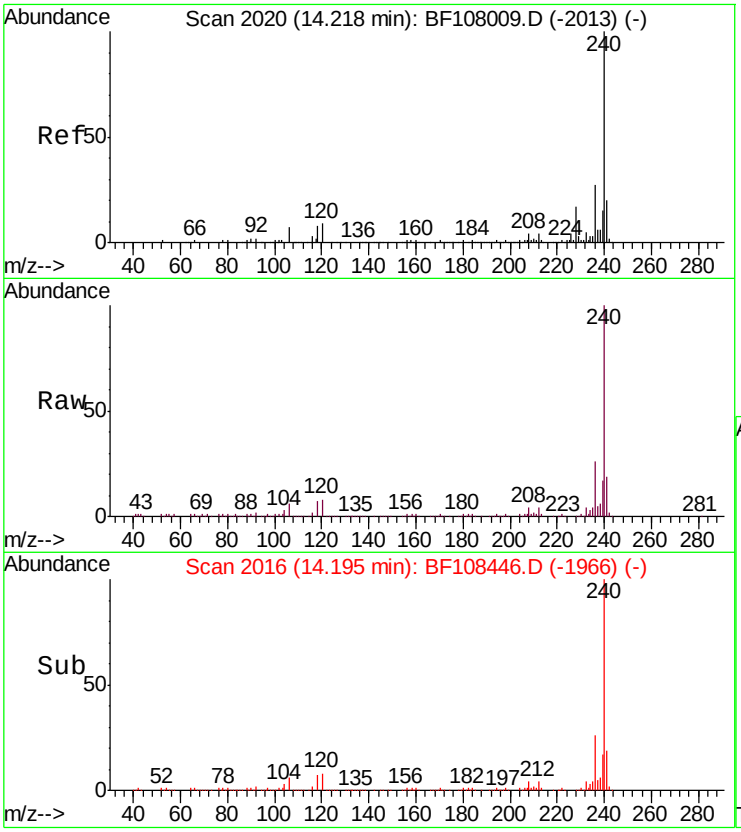




#66
4-Bromophenyl-phenylether
Concen: 3.273 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:248 Resp: 14985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 190.9 | 76.9 | 115.3# |
| 141 | 456.5 | 74.4 | 111.6# |



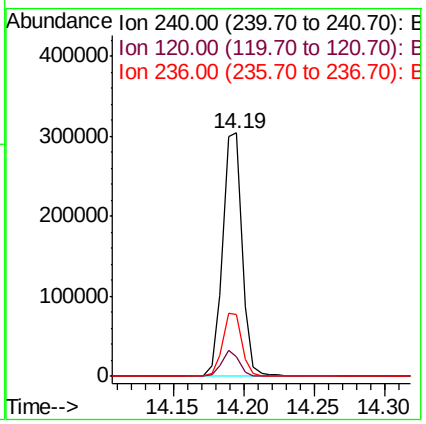


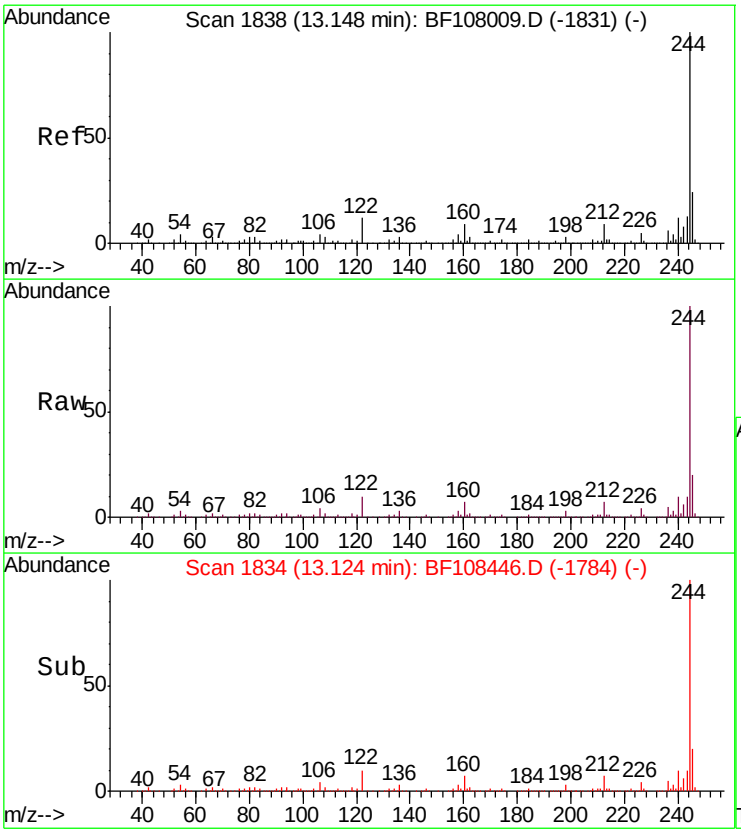

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:240 Resp: 292025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.1 | 9.5 | 14.3# |
| 236 | 25.6 | 20.7 | 31.1 |

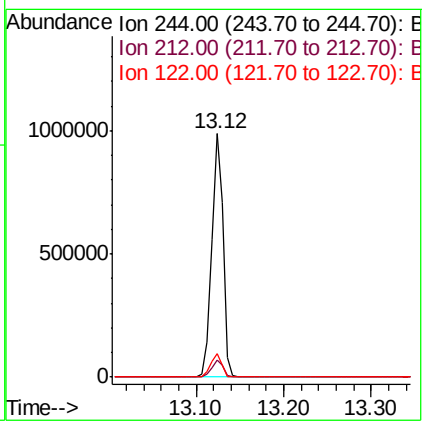


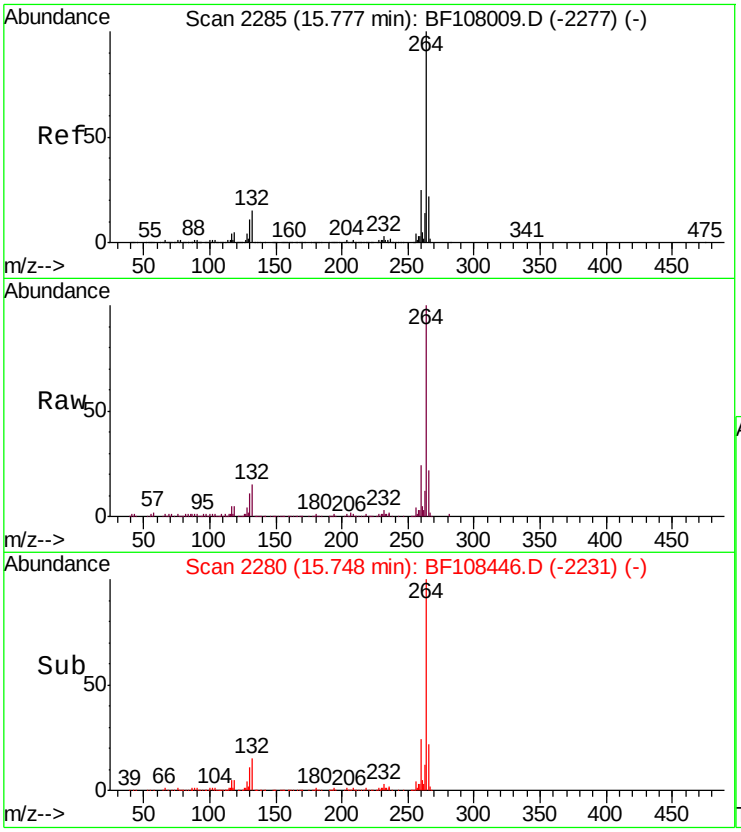




#78
Terphenyl-d14
Concen: 77.099 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

Tgt Ion:244 Resp: 885515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.4 | 8.0 |
| 122 | 9.9 | 11.0 | 16.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108446.D
Acq: 24 Aug 2018 3:43

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

Tgt Ion:264 Resp: 259487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |