Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108982.D
Acq On : 13 Sep 2018 23:19
Operator : JU/SJ
Sample : J4875-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 14 01:59:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 143200 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.01 | 136 | 537444 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 253390 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 477910 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.86 | 240 | 366799 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 384943 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 416782 | 48.22 | ng | 0.00 |
| 7) Phenol-d6 | 6.35 | 99 | 377117 | 33.91 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 964624 | 112.32 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 265861 | 109.91 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.09 | 172 | 1600036 | 107.72 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1586065 | 100.83 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 130501 | 16.881 | ng | # 78 |
| 25) Isophorone | 7.29 | 82 | 958974 | 55.981 | ng | # 64 |
| 49) Dimethylphthalate | 9.48 | 163 | 184951 | 10.436 | ng | 99 |
| 56) 2,4-Dinitrotoluene | 9.76 | 165 | 31516 | 7.297 | ng | # 24 |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198 | 580 | 7.133 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.54 | 248 | 15865 | 2.939 | ng | # 1 |

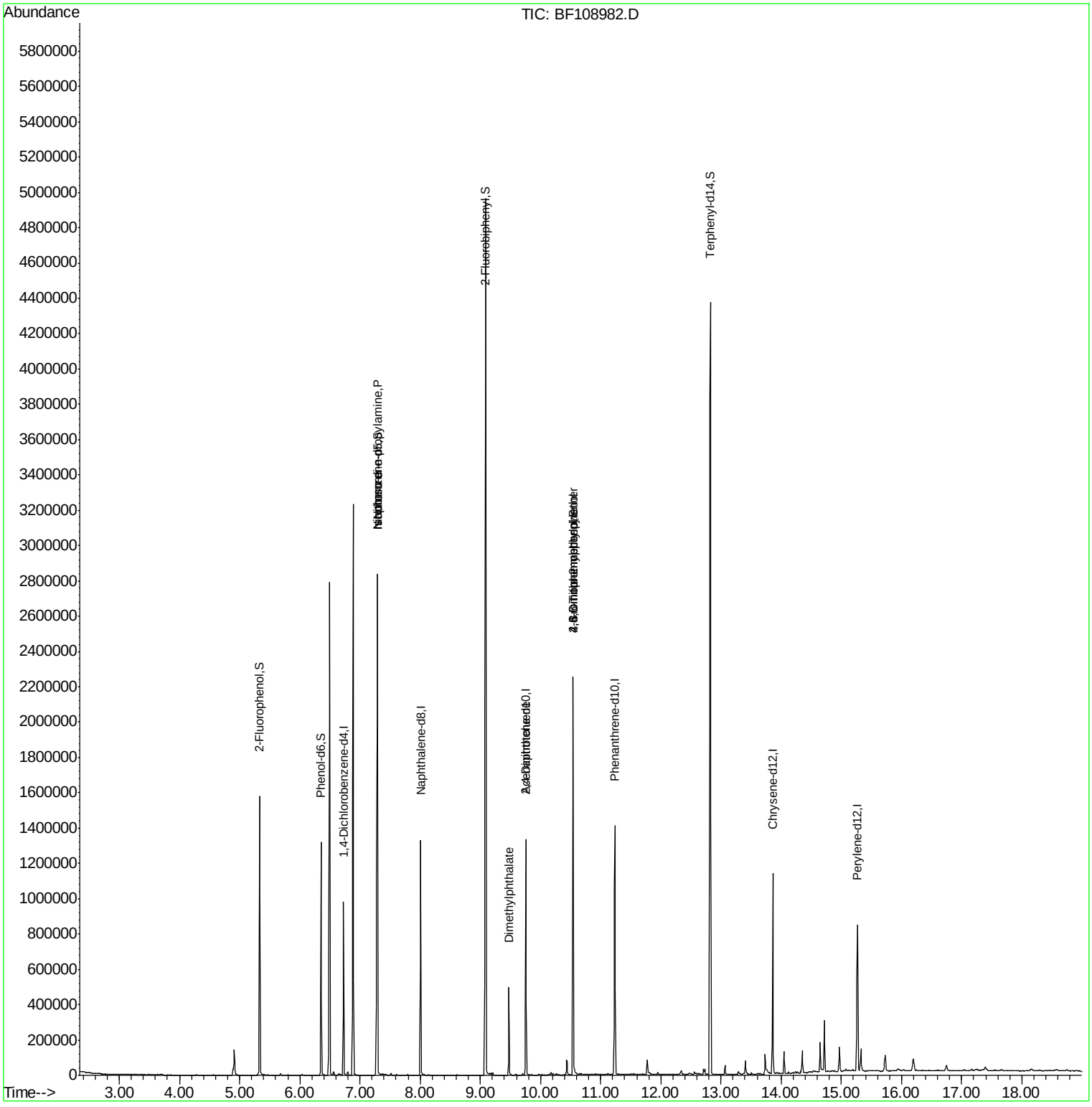
(#) = qualifier out of range (m) = manual integration (+) = signals summed

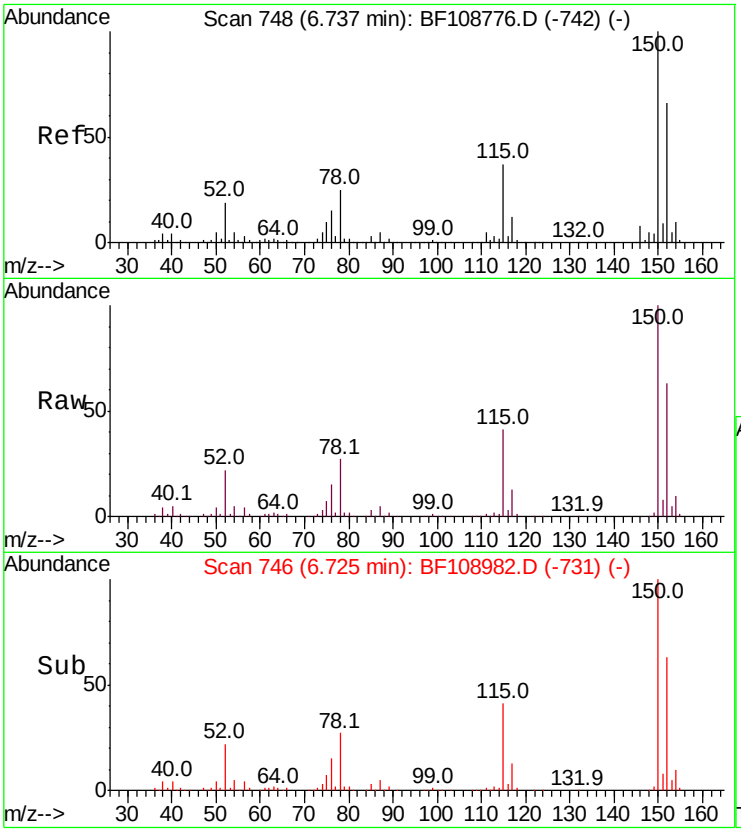
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108982.D
Acq On : 13 Sep 2018 23:19
Operator : JU/SJ
Sample : J4875-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 14 01:59:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



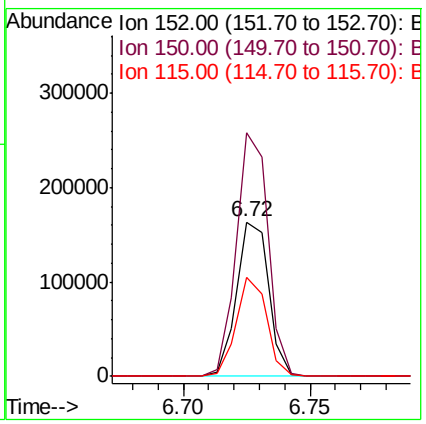


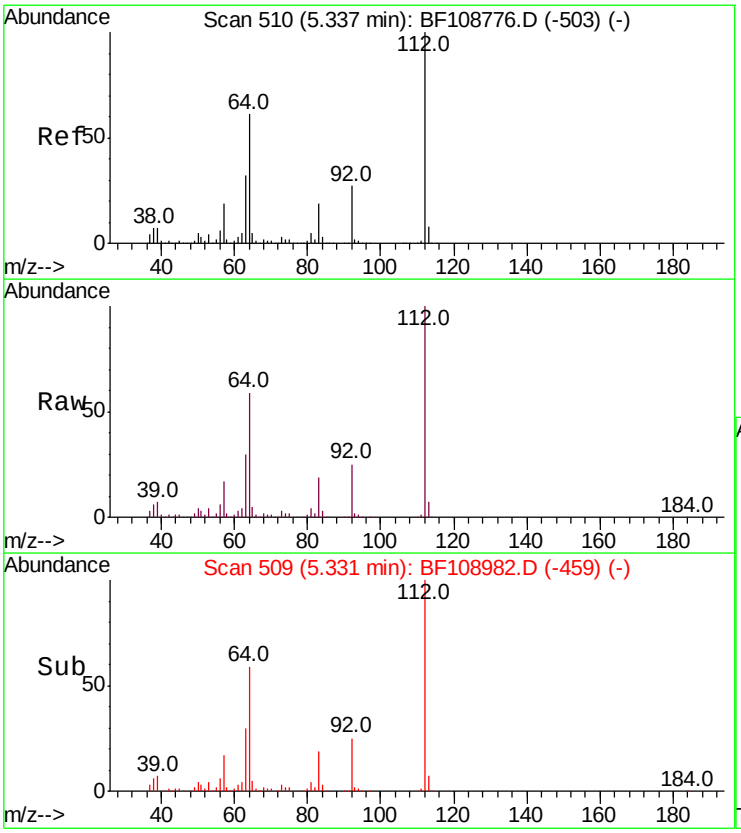

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:152 Resp: 143200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 124.6 | 186.8 |
| 115 | 64.1 | 50.1 | 75.1 |

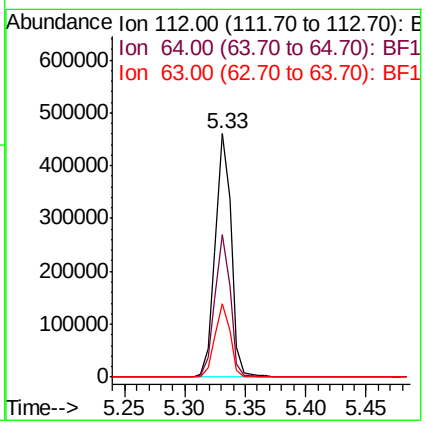


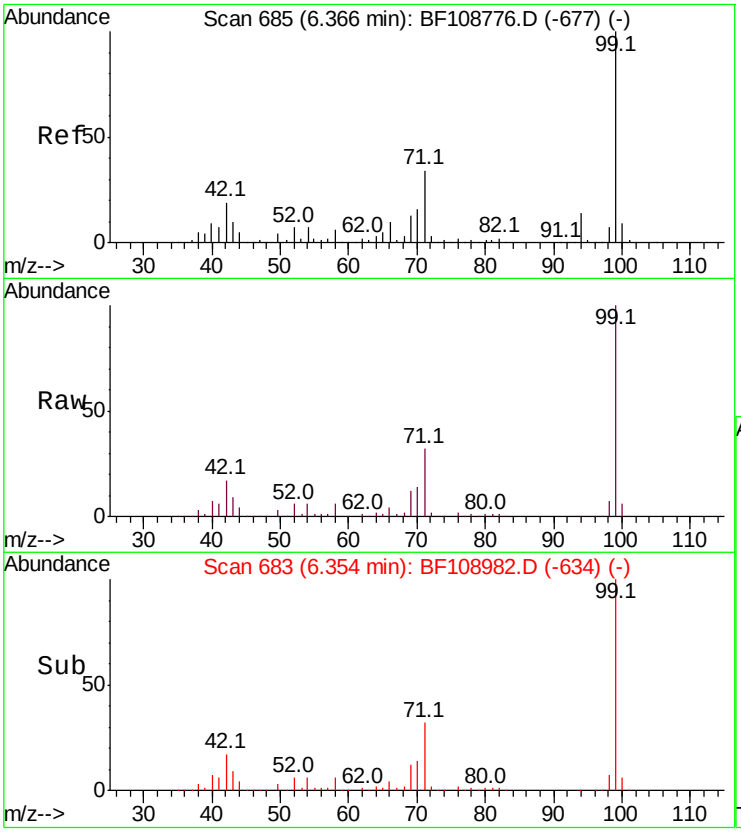




#5
2-Fluorophenol
Concen: 48.217 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:112 Resp: 416782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.7 | 47.9 | 71.9 |
| 63 | 30.2 | 23.7 | 35.5 |



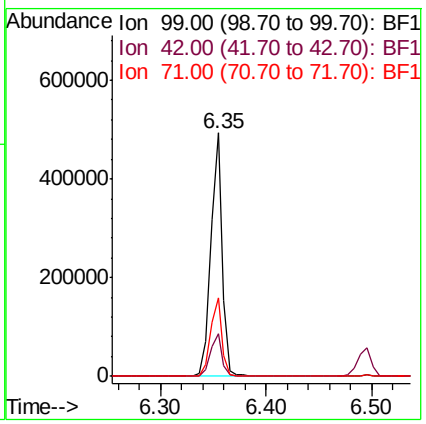


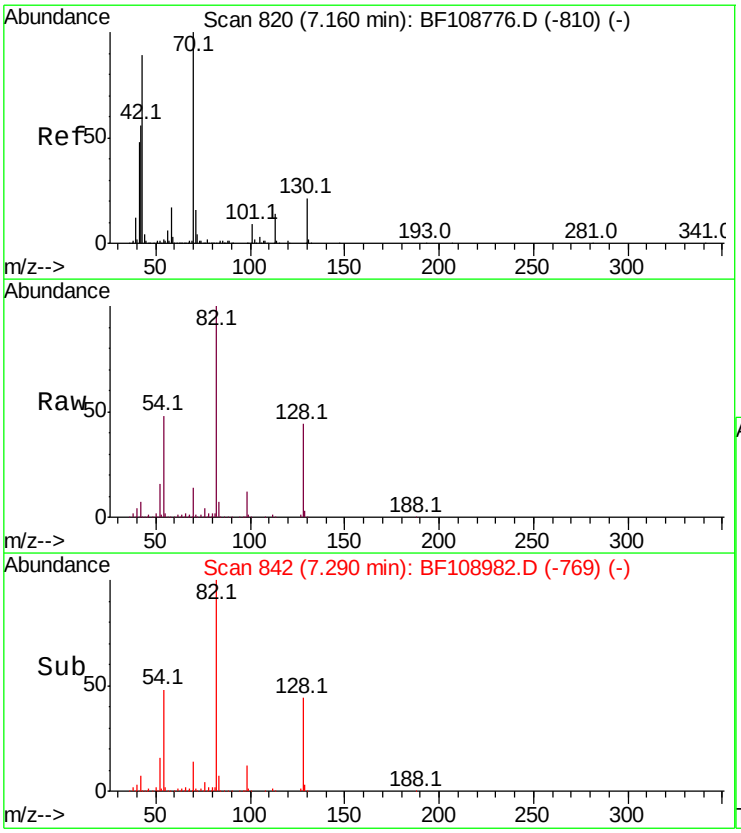

#7
Phenol-d6
Concen: 33.908 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion: 99 Resp: 377117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 14.5 | 21.7 |
| 71 | 32.1 | 25.4 | 38.0 |

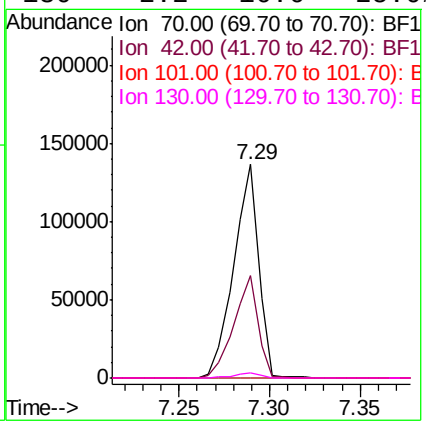


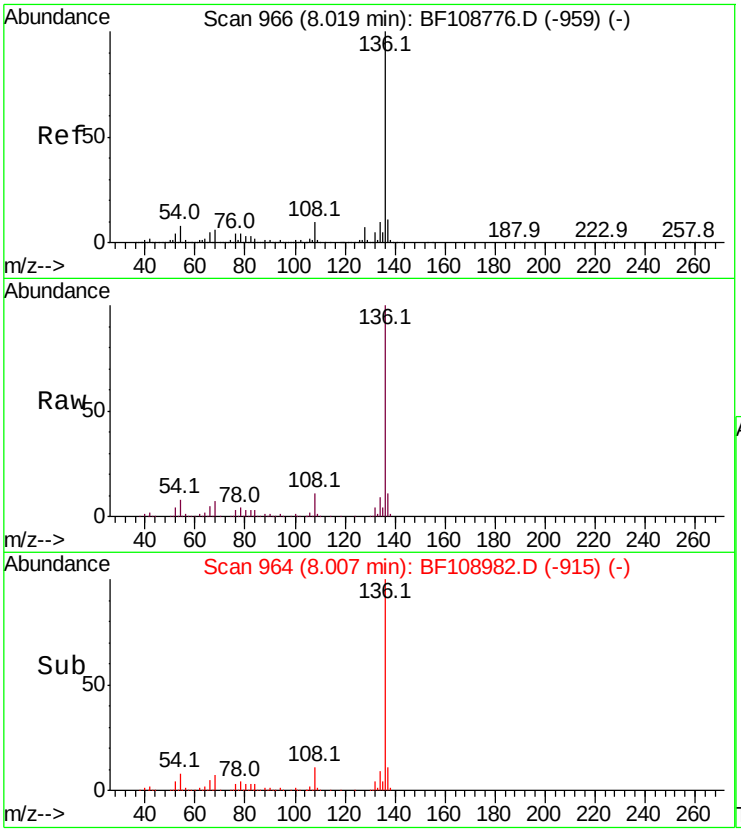




#19
n-Nitroso-di-n-propylamine
Concen: 16.881 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion: 70 Resp: 130501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.7 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.2 | 16.6 | 25.0# |



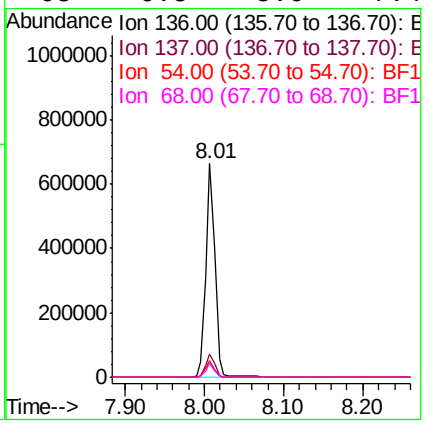


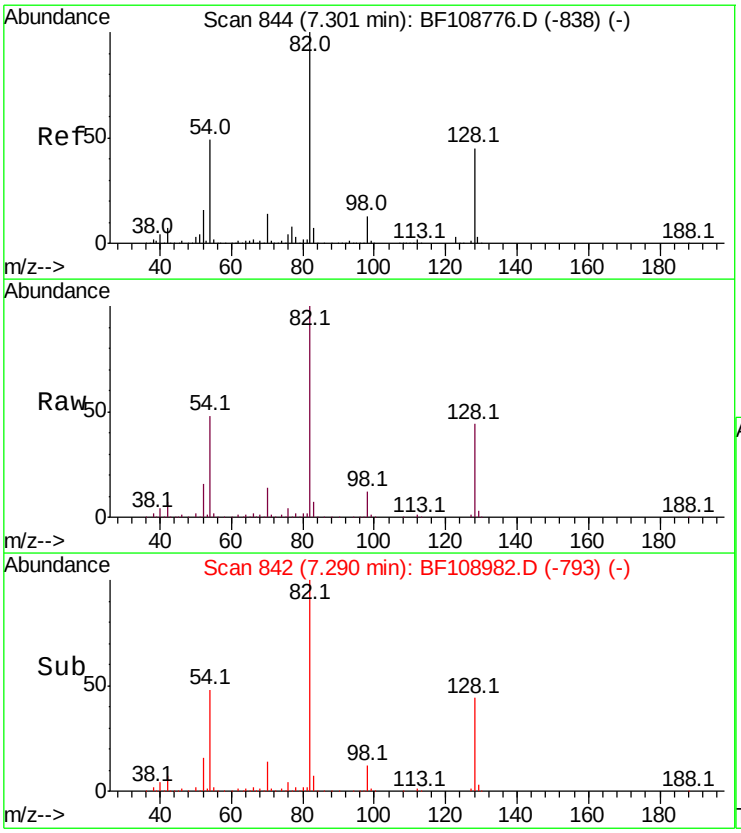

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:136 Resp: 537444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 7.9 | 6.6 | 9.8 |
| 68 | 6.5 | 5.0 | 7.4 |

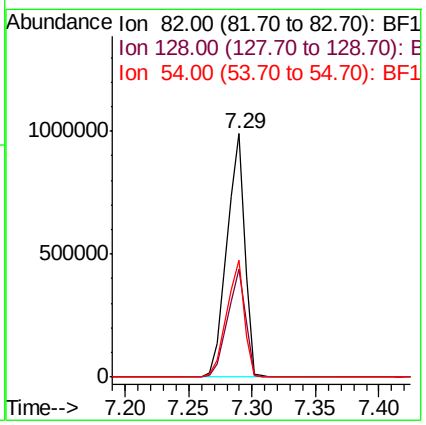


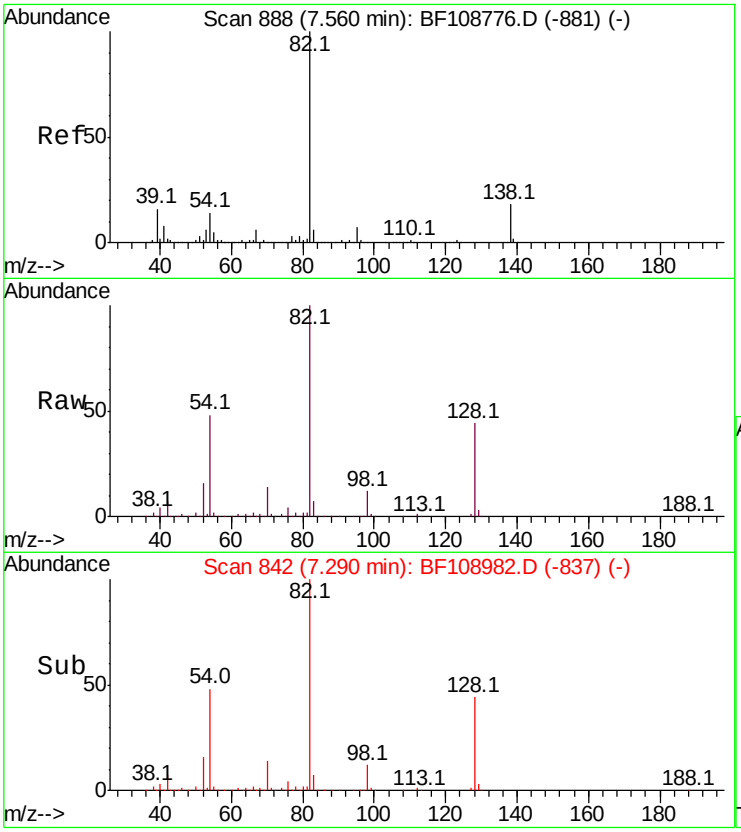




#23
Nitrobenzene-d5
Concen: 112.323 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion: 82 Resp: 964624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 36.1 | 54.1 |
| 54 | 48.1 | 41.4 | 62.2 |



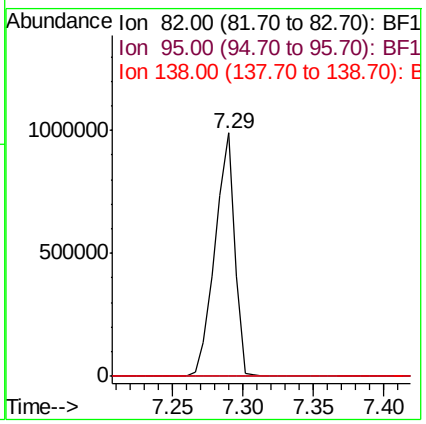


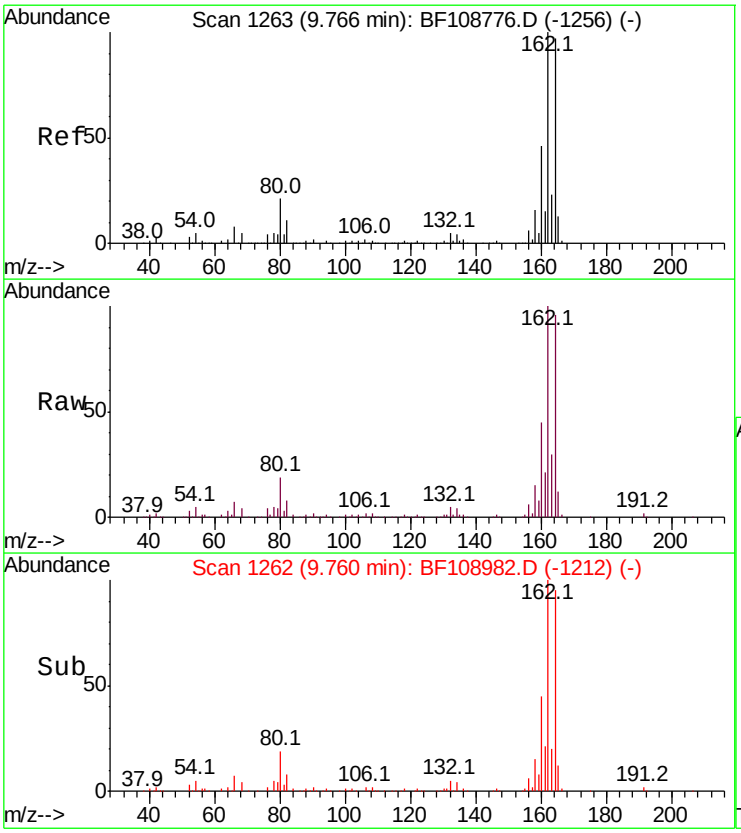

#25
Isophorone
Concen: 55.981 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion: 82 Resp: 958974

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

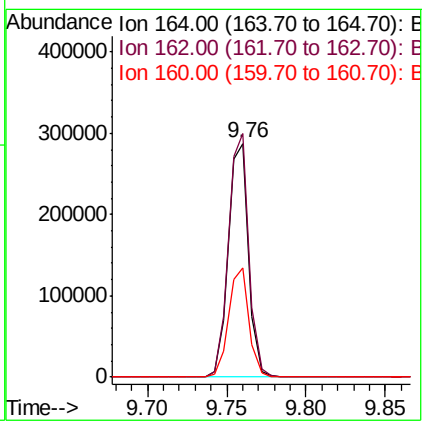


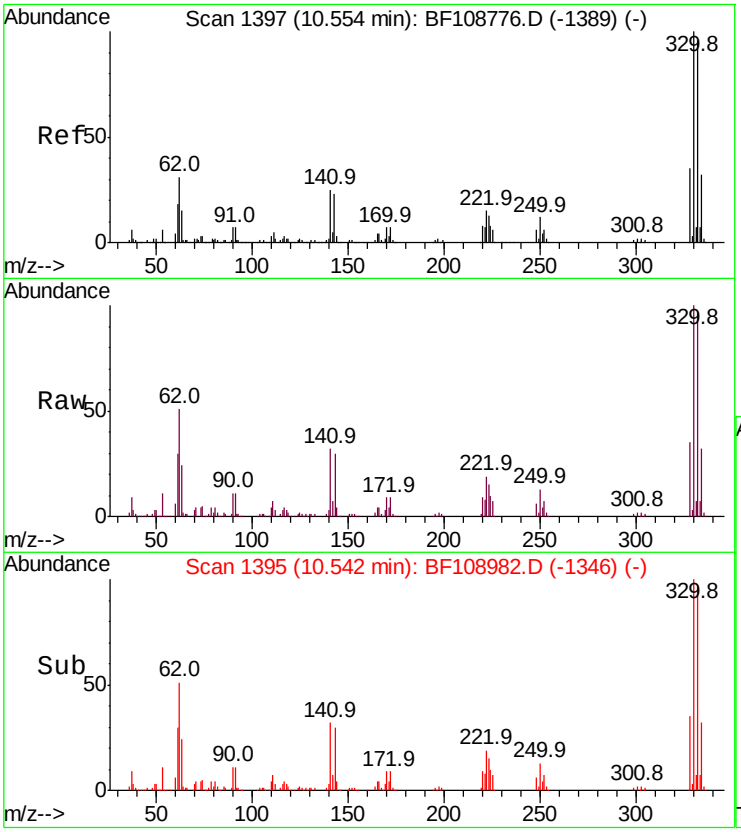




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:164 Resp: 253390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.2 | 86.1 | 129.1 |
| 160 | 46.6 | 38.3 | 57.5 |



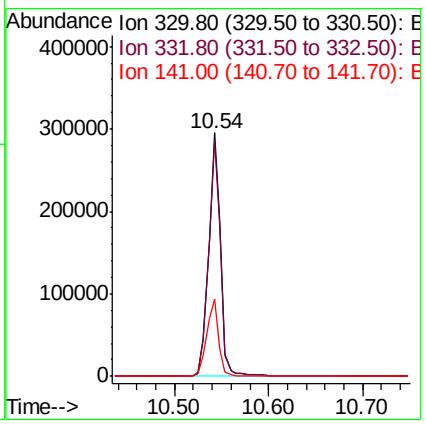


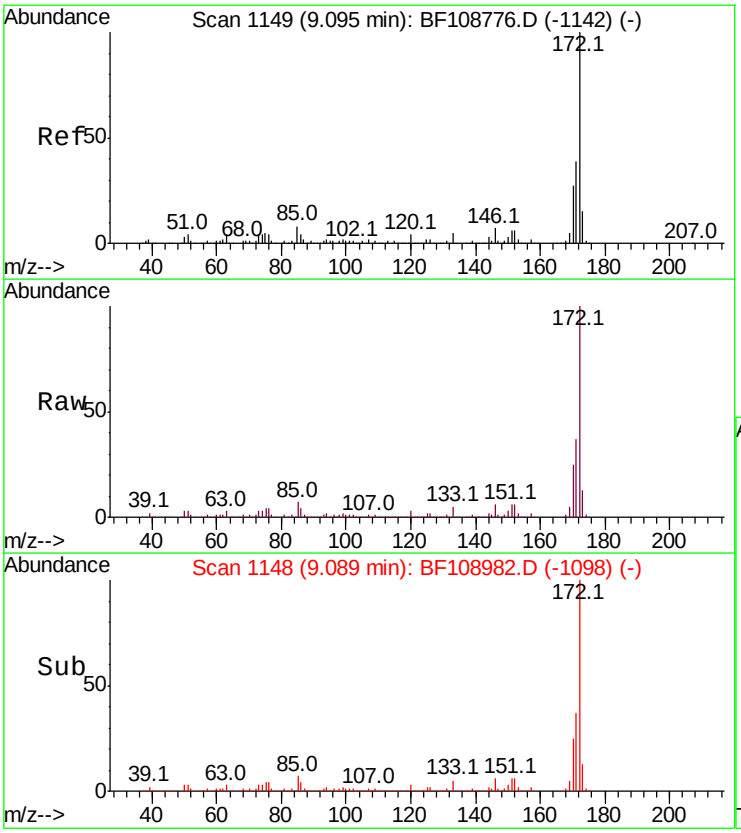

#41
2,4,6-Tribromophenol
Concen: 109.906 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:330 Resp: 265861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.0 | 115.6 |
| 141 | 31.4 | 29.9 | 44.9 |

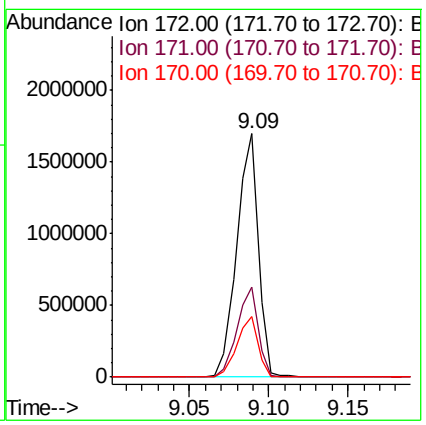


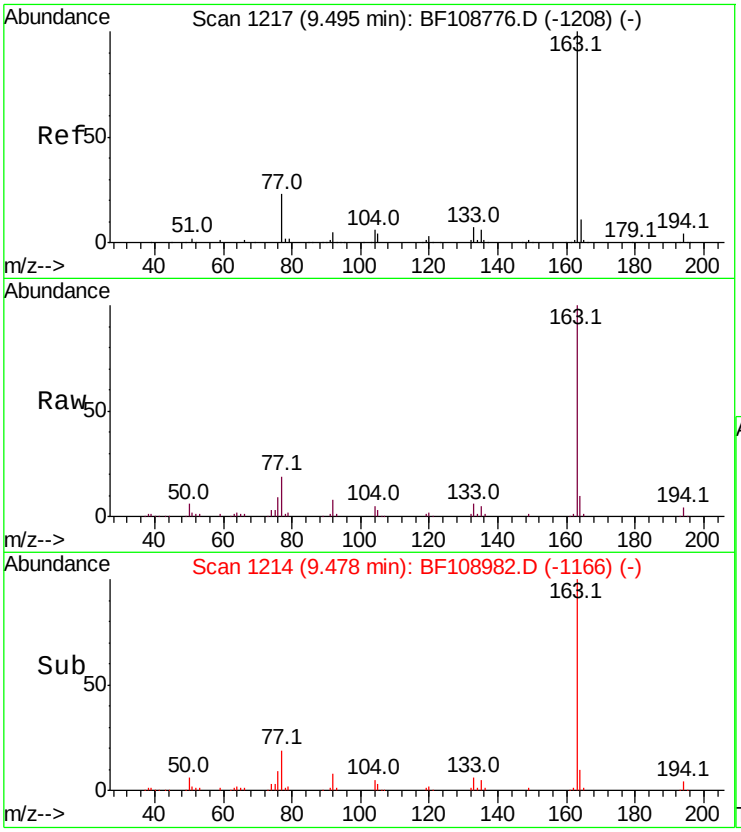




#44
2-Fluorobiphenyl
Concen: 107.725 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:172 Resp: 1600036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.7 | 44.5 |
| 170 | 24.9 | 19.6 | 29.4 |



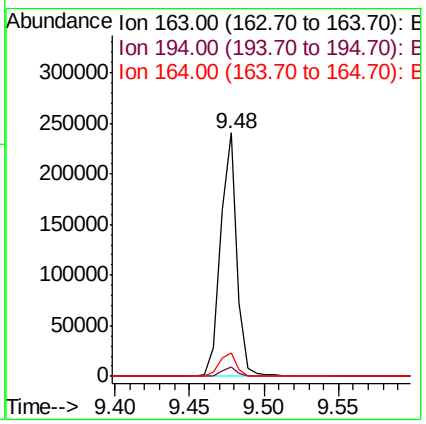


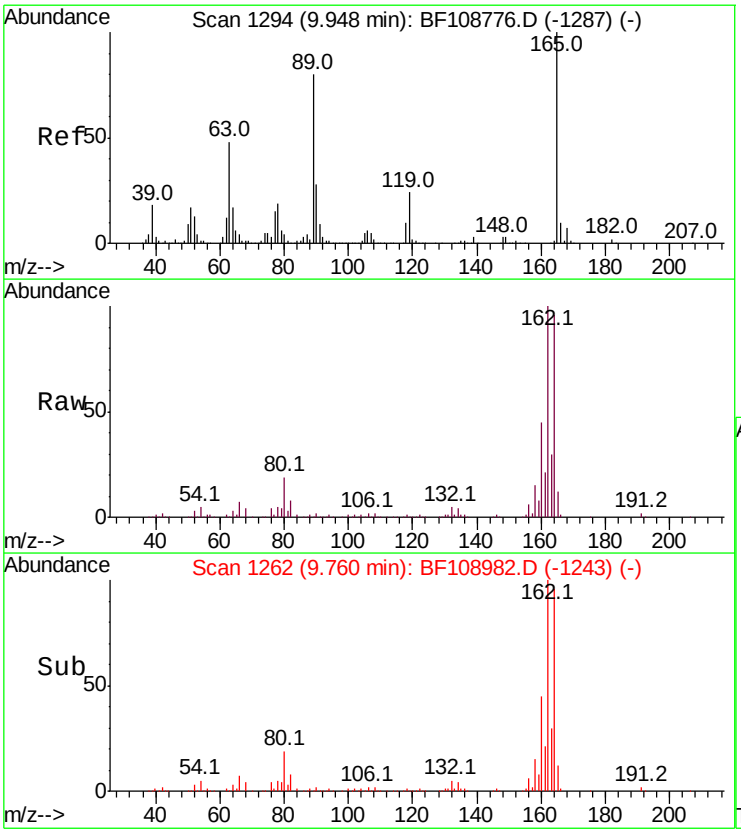

#49
Dimethylphthalate
Concen: 10.436 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:163 Resp: 184951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 9.8 | 8.2 | 12.2 |

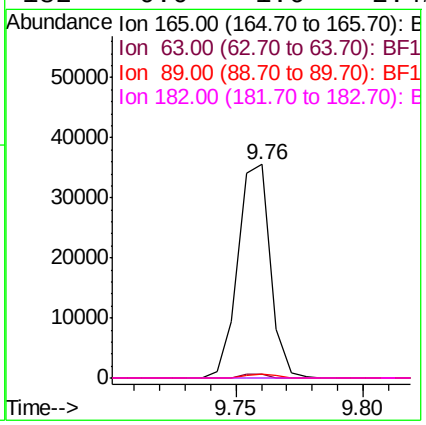


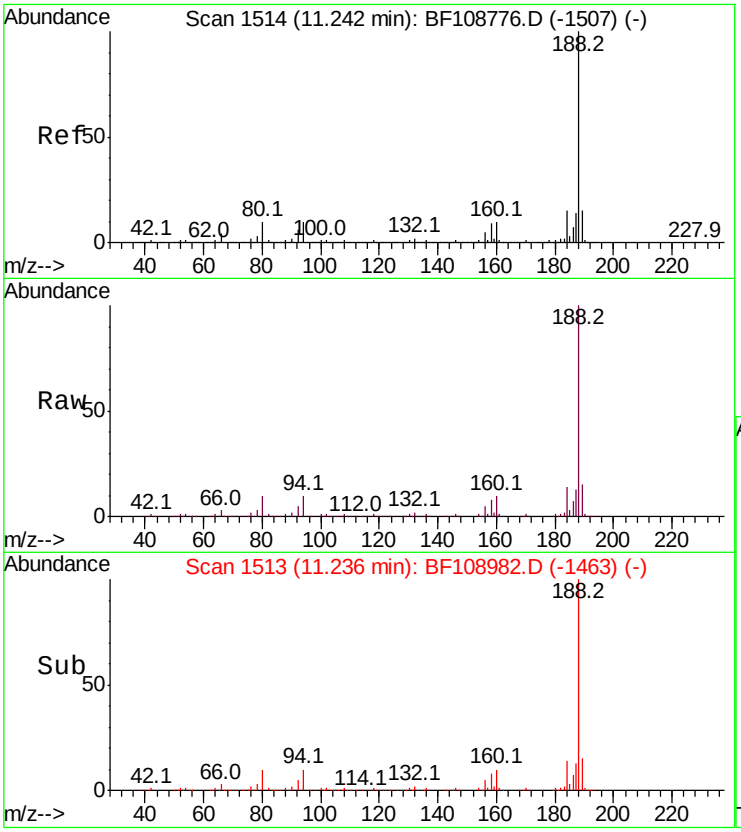




#56
2,4-Dinitrotoluene
Concen: 7.297 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.19 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:165 Resp: 31516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 36.4 | 54.6# |
| 89 | 1.7 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |



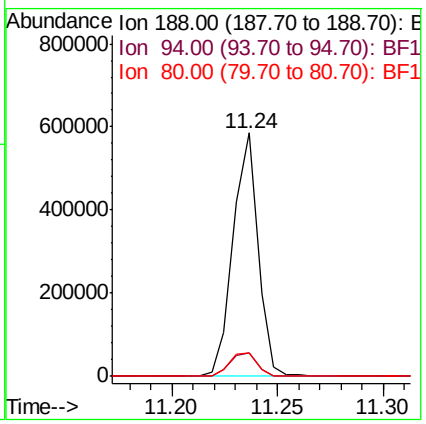


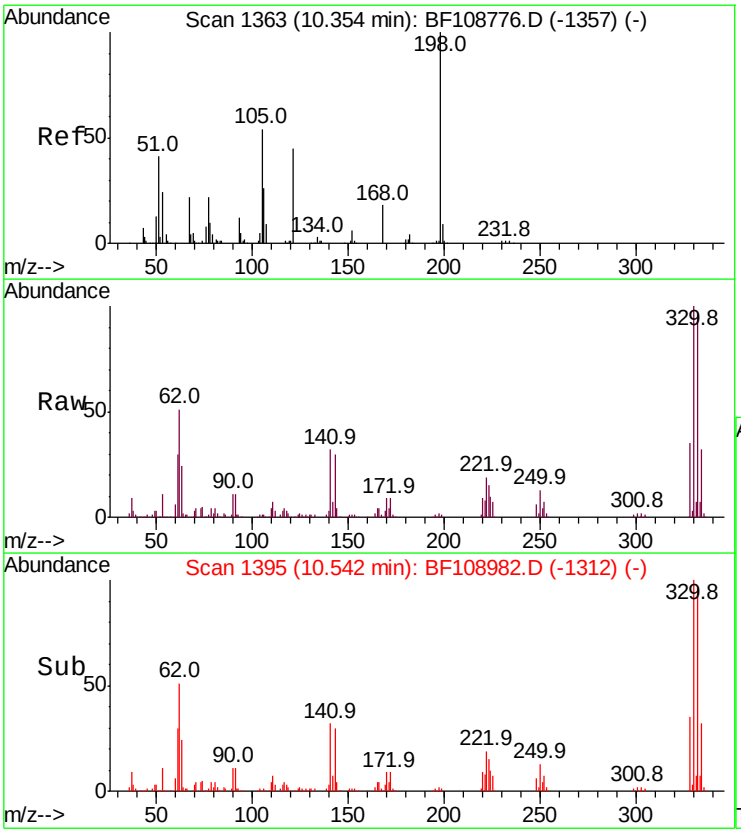

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:188 Resp: 477910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 8.5 | 12.7 |
| 80 | 9.6 | 9.2 | 13.8 |

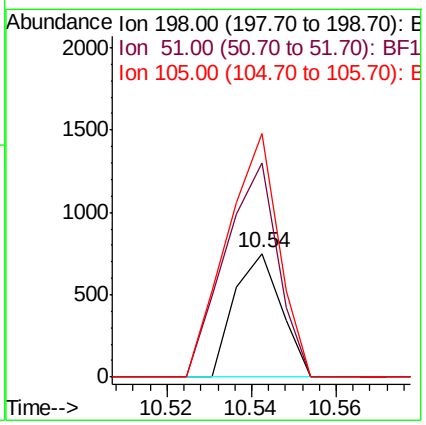


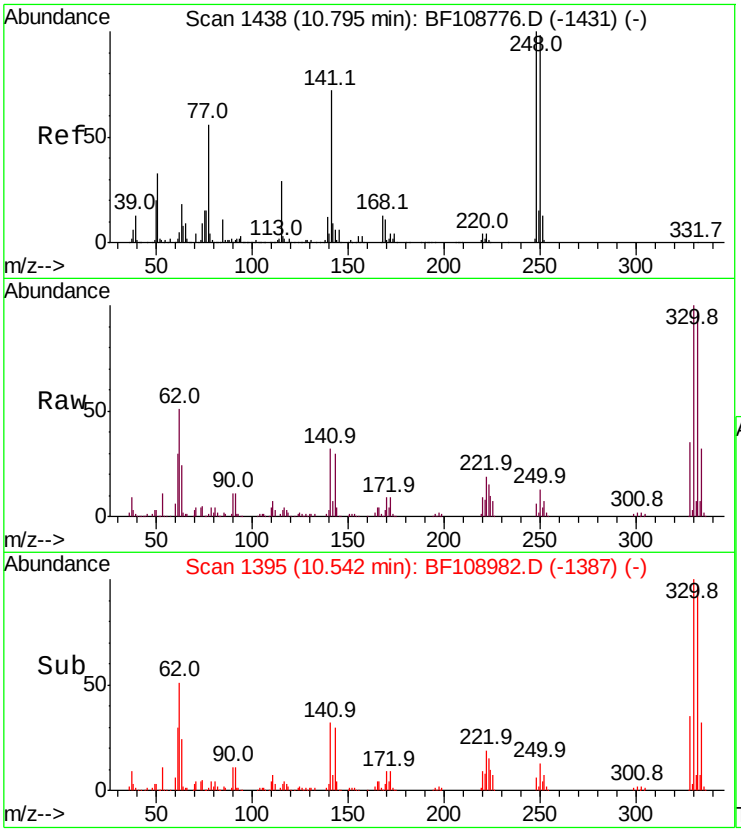




#64
4,6-Dinitro-2-methylphenol
Concen: 7.133 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:198 Resp: 580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 173.1 | 37.7 | 77.7# |
| 105 | 197.1 | 36.3 | 76.3# |



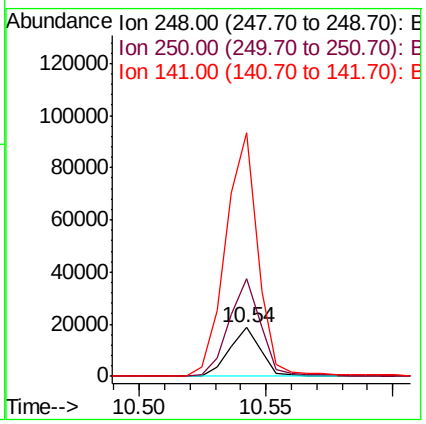


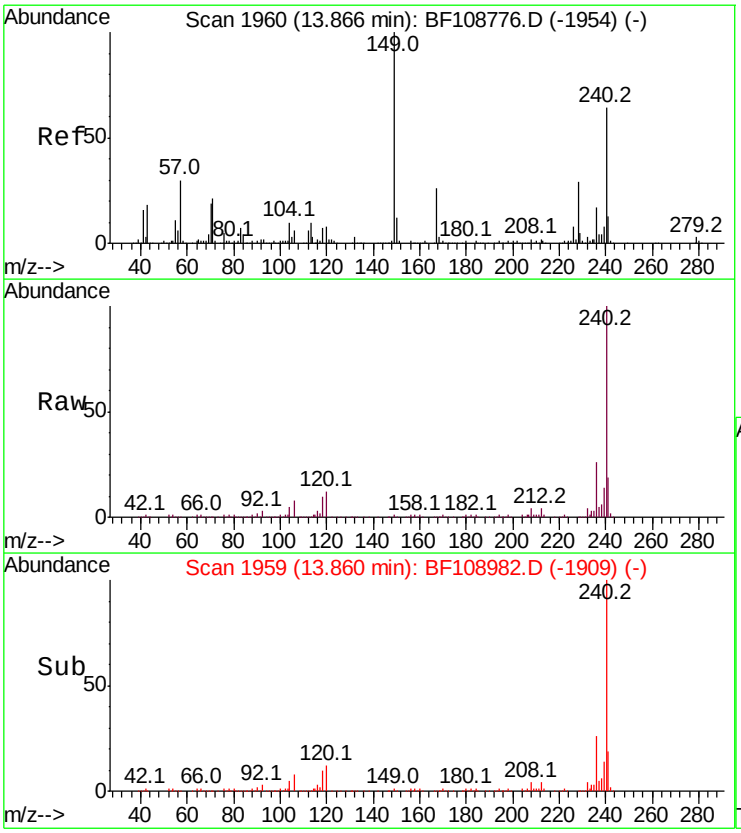

#66
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:248 Resp: 15865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.2 | 76.9 | 115.3# |
| 141 | 500.9 | 74.4 | 111.6# |

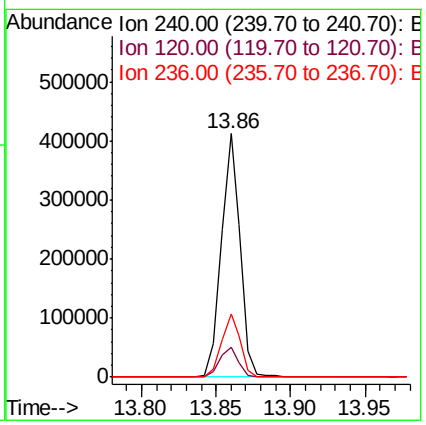


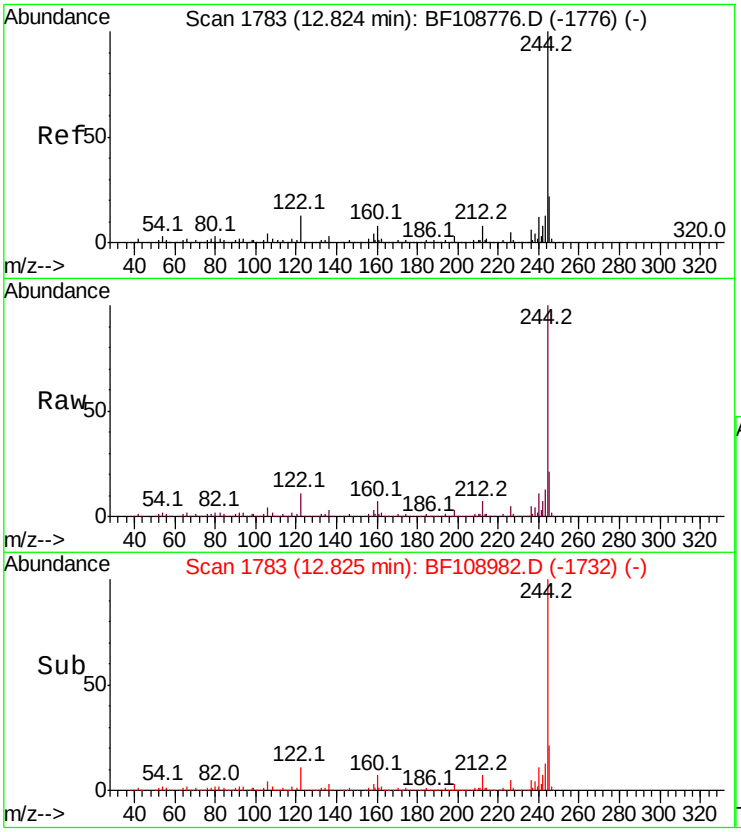




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:240 Resp: 366799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.5 | 14.3 |
| 236 | 26.0 | 20.7 | 31.1 |



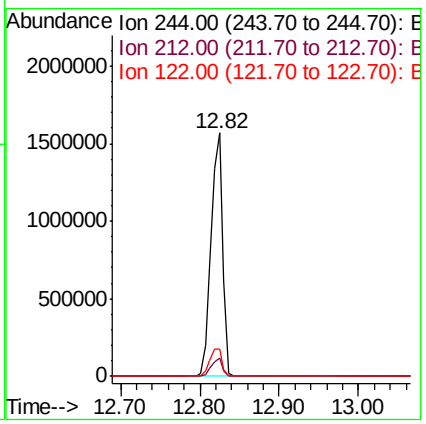


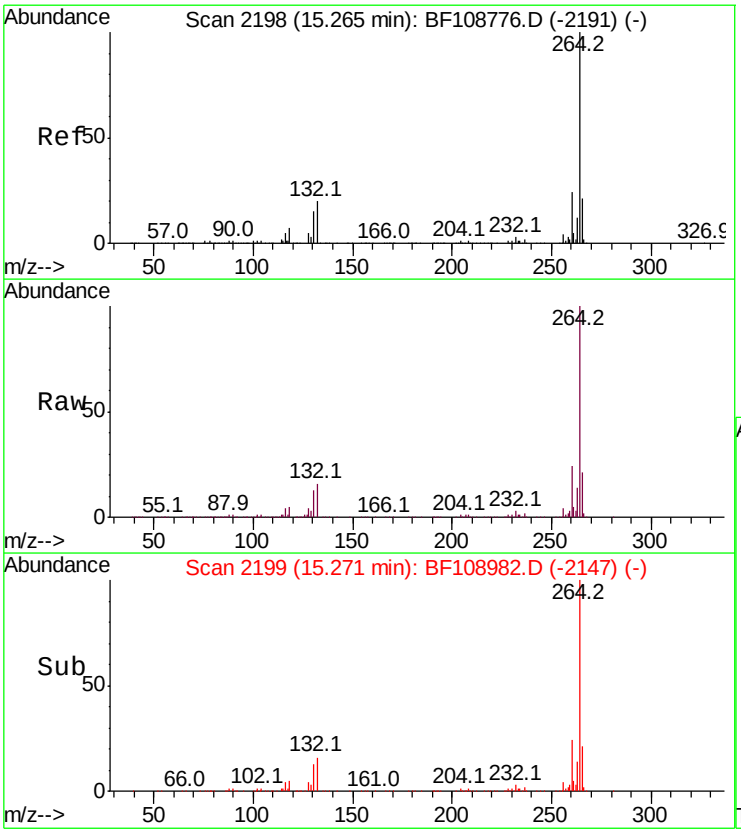

#78
Terphenyl-d14
Concen: 100.833 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

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

Tgt Ion:244 Resp: 1586065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.4 | 8.0 |
| 122 | 11.4 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108982.D
Acq: 13 Sep 2018 23:19

Tgt Ion:264 Resp: 384943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |