Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121081.D
Acq On : 28 Jul 2020 21:23
Operator : JU/CG
Sample : L3439-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 20200442-3002B

Quant Time: Jul 29 00:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.81 | 152 | 155036 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 573973 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 312916 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 623355 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 609714 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.42 | 264 | 620779 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 1053277 | 111.37 | ng | | 0.02 |
| 7) Phenol-d6 | 6.45 | 99 | 1142158 | 93.50 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 890653 | 89.79 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 465398 | 135.88 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 1639182 | 78.21 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 1848314 | 65.90 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.37 | 77 | 791 | Below Cal | | # | 78 |
| 10) Phenol | 6.46 | 94 | 59773 | 4.448 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 118098 | 17.001 | ng | # | 79 |
| 25) Isophorone | 7.37 | 82 | 890641 | 44.988 | ng | # | 63 |
| 50) Dimethylphthalate | 9.56 | 163 | 198787 | 8.806 | ng | | 100 |
| 57) 2,4-Dinitrotoluene | 9.85 | 165 | 39032 | 6.128 | ng | # | 28 |
| 65) 4,6-Dinitro-2-methylphenol | 10.64 | 198 | 868 | 4.064 | ng | # | 1 |
| 67) 4-Bromophenyl-phenylether | 10.64 | 248 | 25901 | 3.727 | ng | # | 1 |

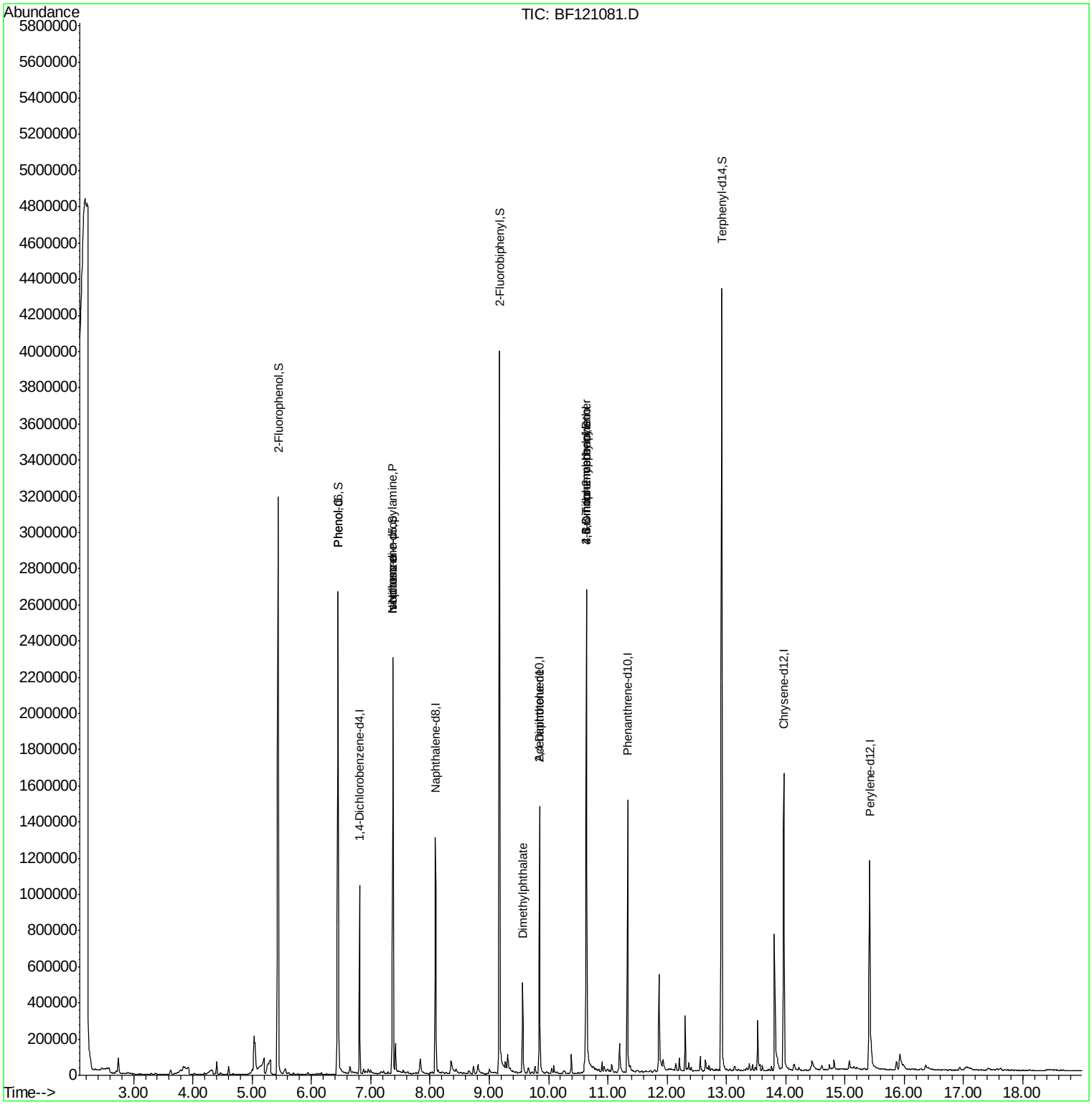
(#) = qualifier out of range (m) = manual integration (+) = signals summed

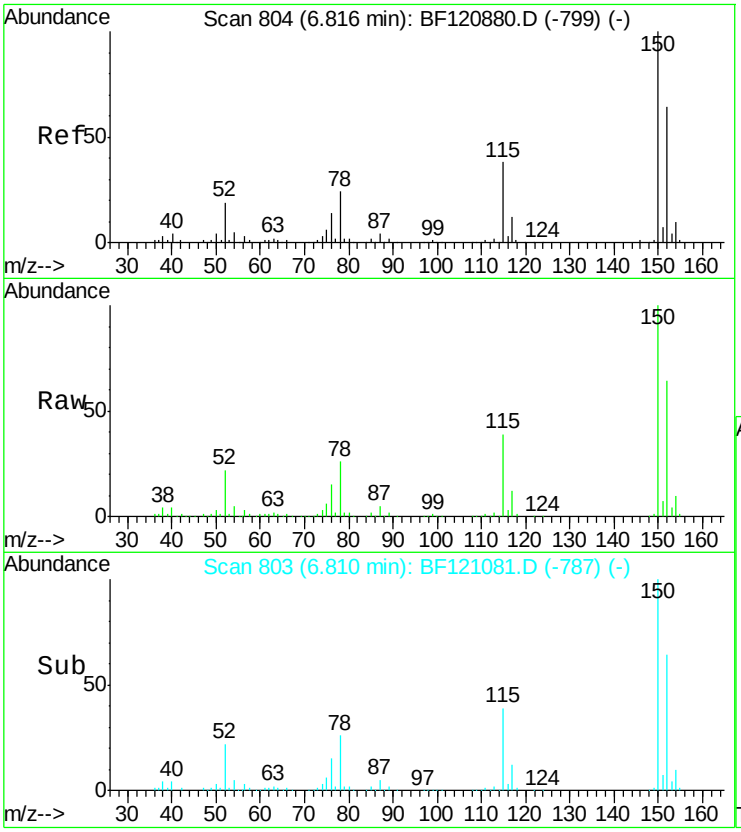
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121081.D
Acq On : 28 Jul 2020 21:23
Operator : JU/CG
Sample : L3439-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 20200442-3002B

Quant Time: Jul 29 00:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



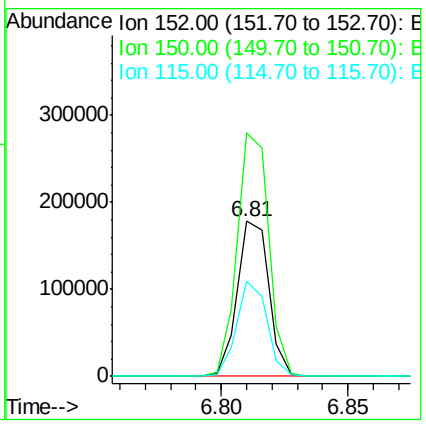


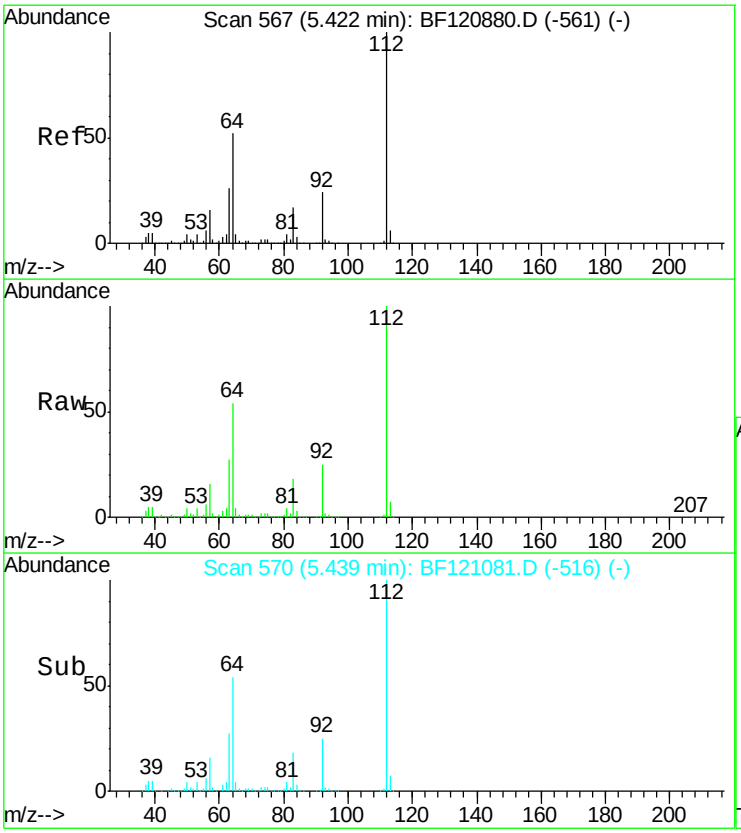

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:152 Resp: 155036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 125.0 | 187.6 |
| 115 | 61.4 | 47.0 | 70.4 |

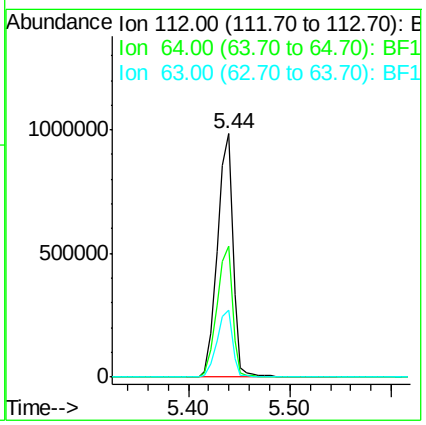


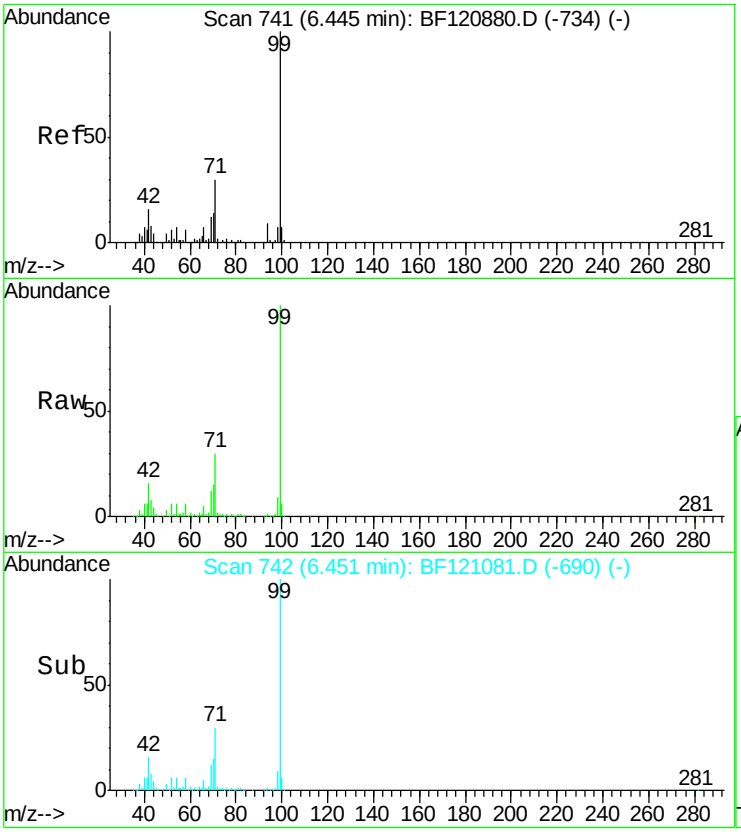




#5
2-Fluorophenol
Concen: 111.374 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:112 Resp: 1053277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.5 | 41.3 | 61.9 |
| 63 | 27.3 | 21.1 | 31.7 |



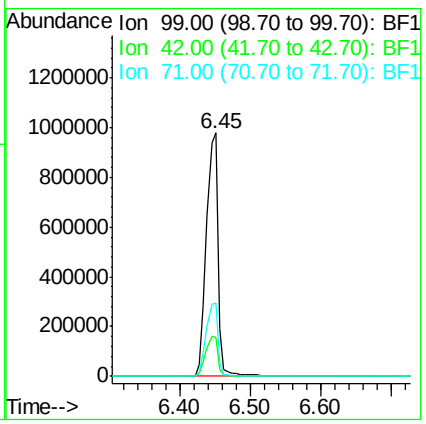


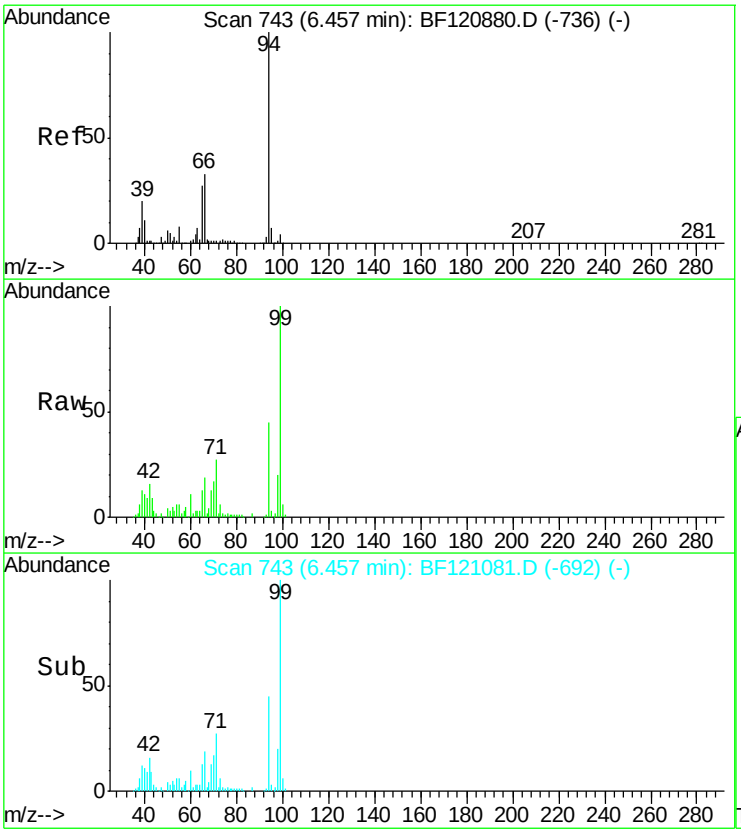

#7
Phenol-d6
Concen: 93.495 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion: 99 Resp: 1142158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 13.1 | 19.7 |
| 71 | 30.1 | 24.2 | 36.4 |

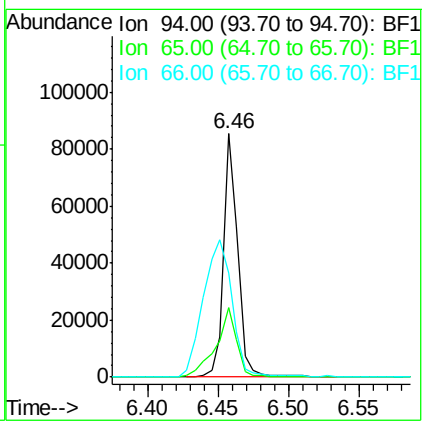


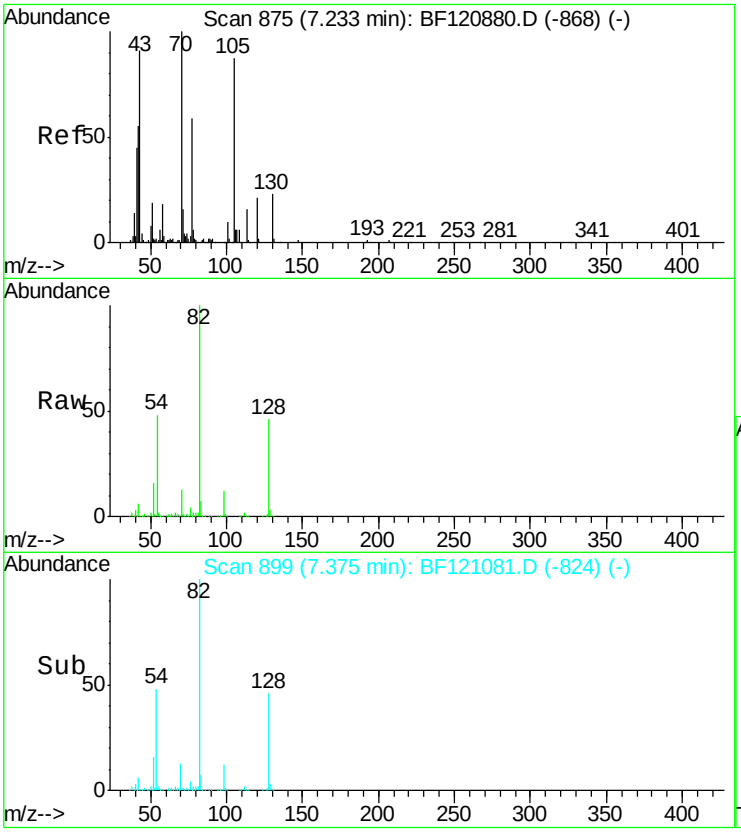




#10
Phenol
Concen: 4.448 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion: 94 Resp: 59773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.5 | 6.6 | 46.6 |
| 66 | 43.0 | 13.2 | 53.2 |



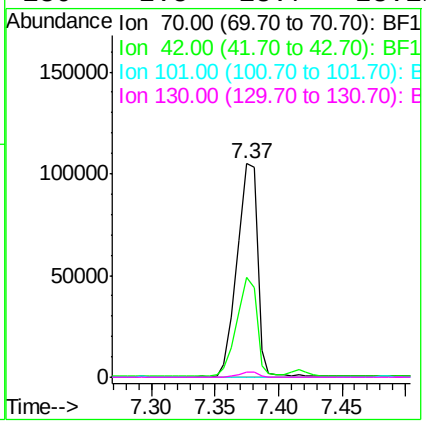


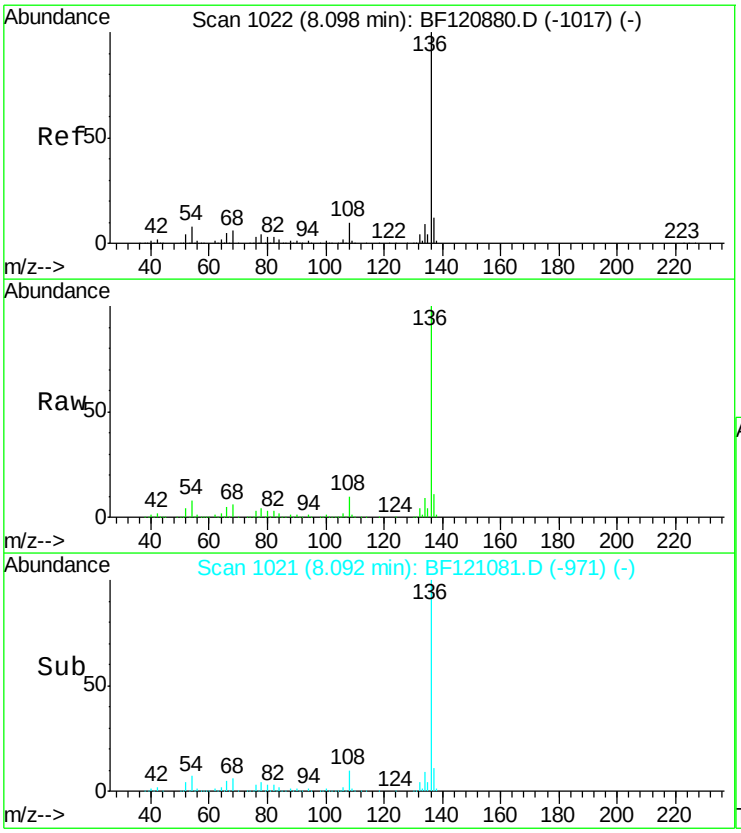

#19
n-Nitroso-di-n-propylamine
Concen: 17.001 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion: 70 Resp: 118098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.0 | 44.0 | 66.0 |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 2.5 | 18.7 | 28.1# |

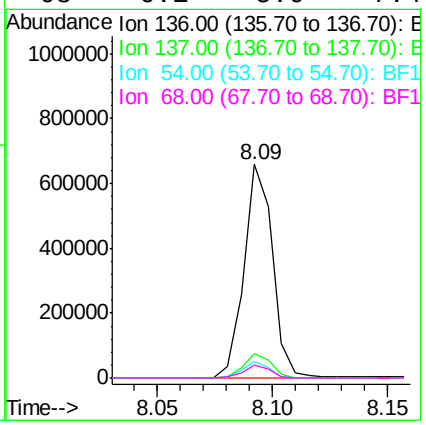


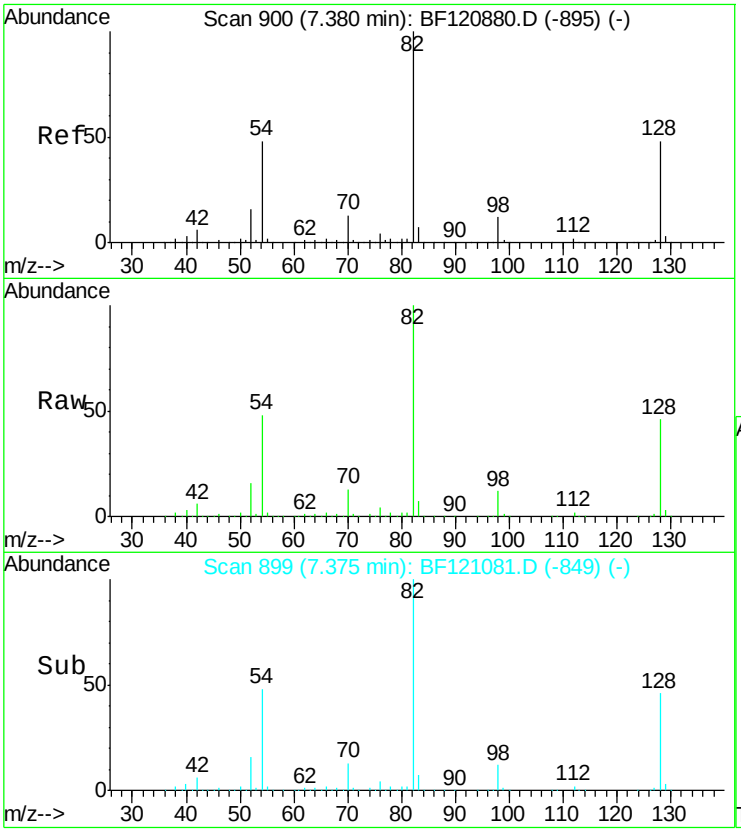




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:136 Resp: 573973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.3 | 13.9 |
| 54 | 7.6 | 6.3 | 9.5 |
| 68 | 6.1 | 5.0 | 7.4 |



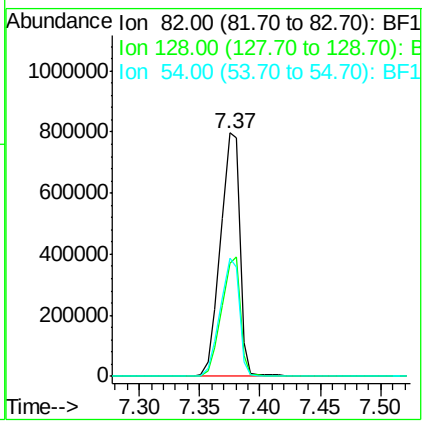


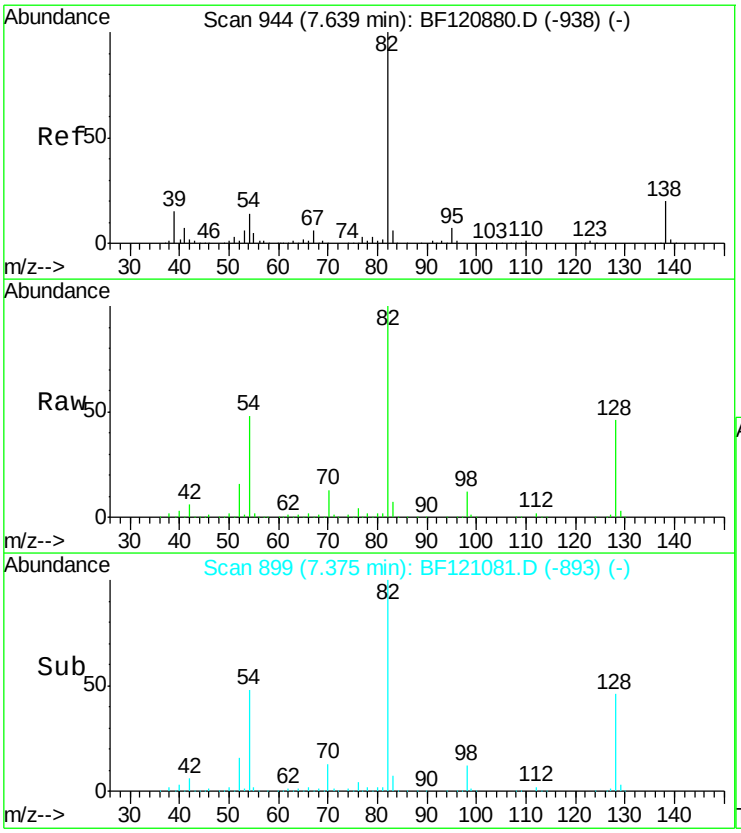

#23
Nitrobenzene-d5
Concen: 89.788 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion: 82 Resp: 890653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.3 | 38.2 | 57.4 |
| 54 | 48.4 | 38.7 | 58.1 |

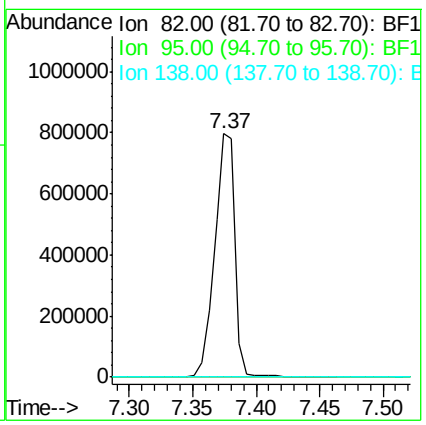


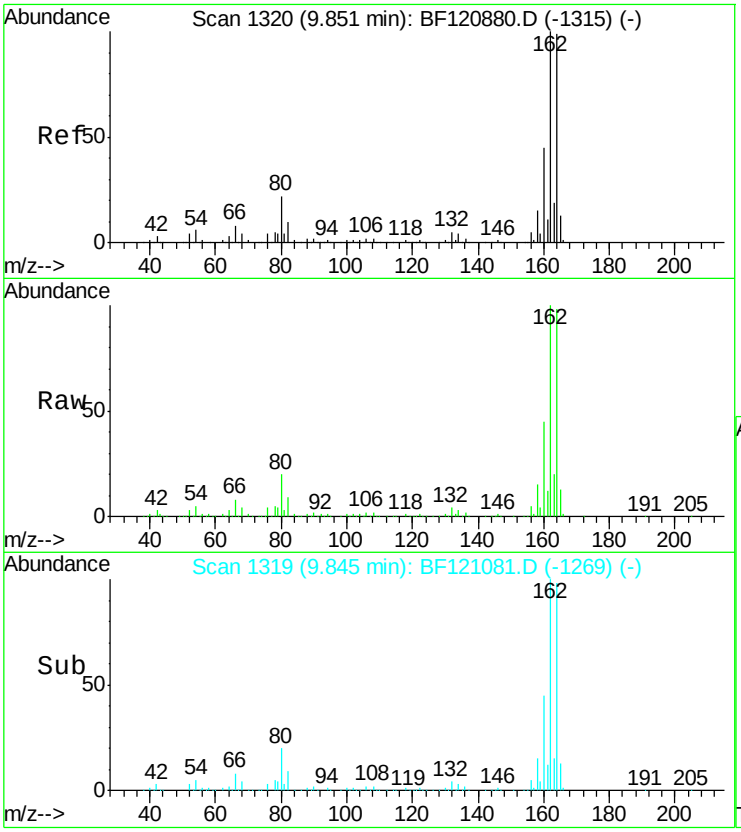




#25
Isophorone
Concen: 44.988 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion: 82 Resp: 890641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.5 | 8.3# |
| 138 | 0.0 | 15.6 | 23.4# |



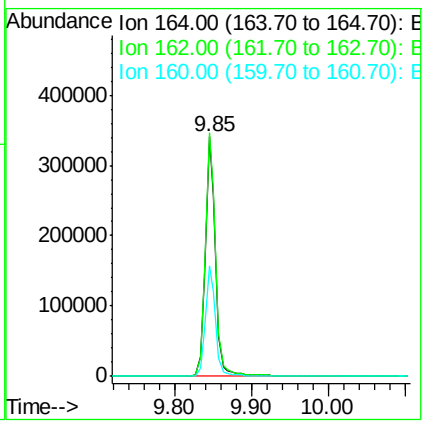


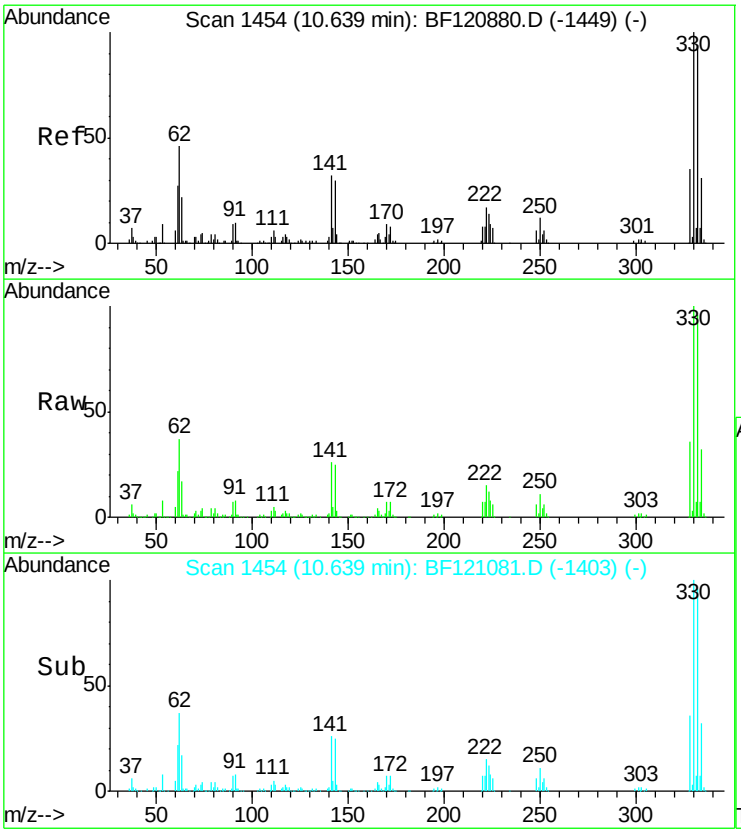

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:164 Resp: 312916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 81.2 | 121.8 |
| 160 | 46.3 | 36.9 | 55.3 |

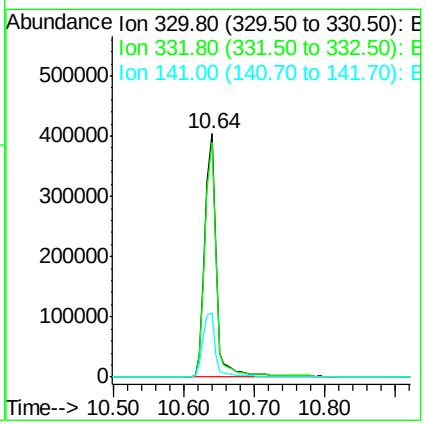


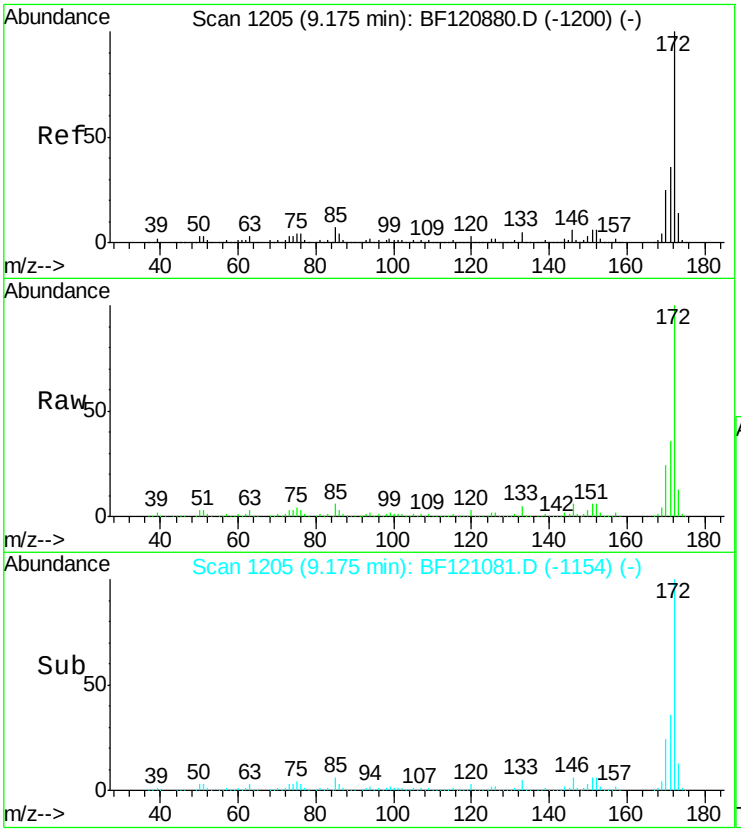




#42
2,4,6-Tribromophenol
Concen: 135.876 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:330 Resp: 465398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 75.5 | 113.3 |
| 141 | 29.6 | 25.7 | 38.5 |



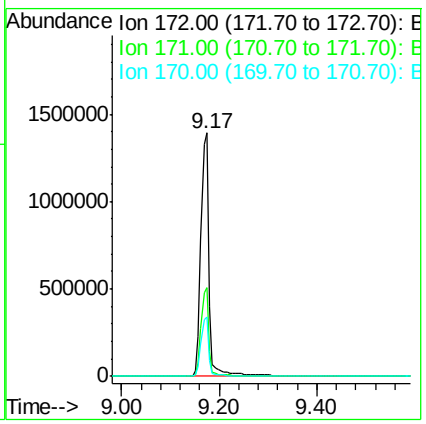


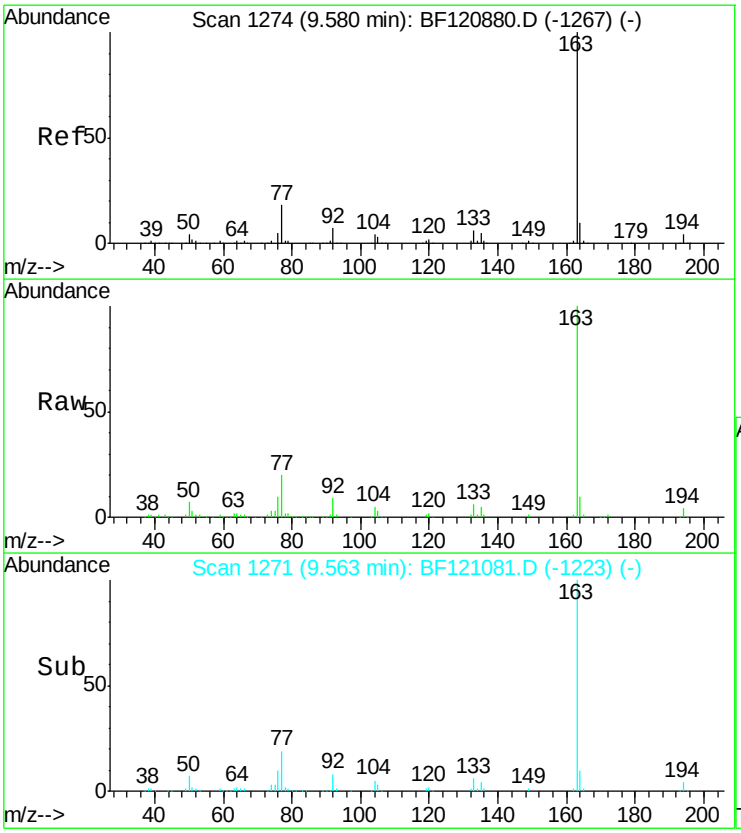

#45
2-Fluorobiphenyl
Concen: 78.212 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:172 Resp: 1639182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.0 | 43.4 |
| 170 | 24.3 | 19.6 | 29.4 |

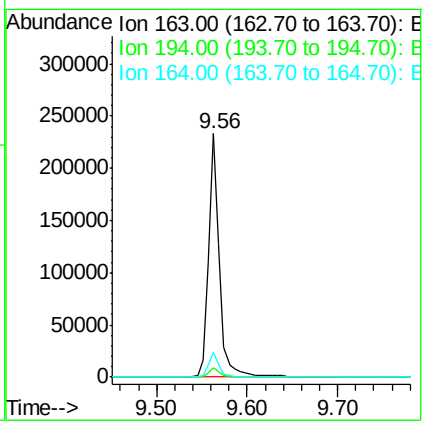


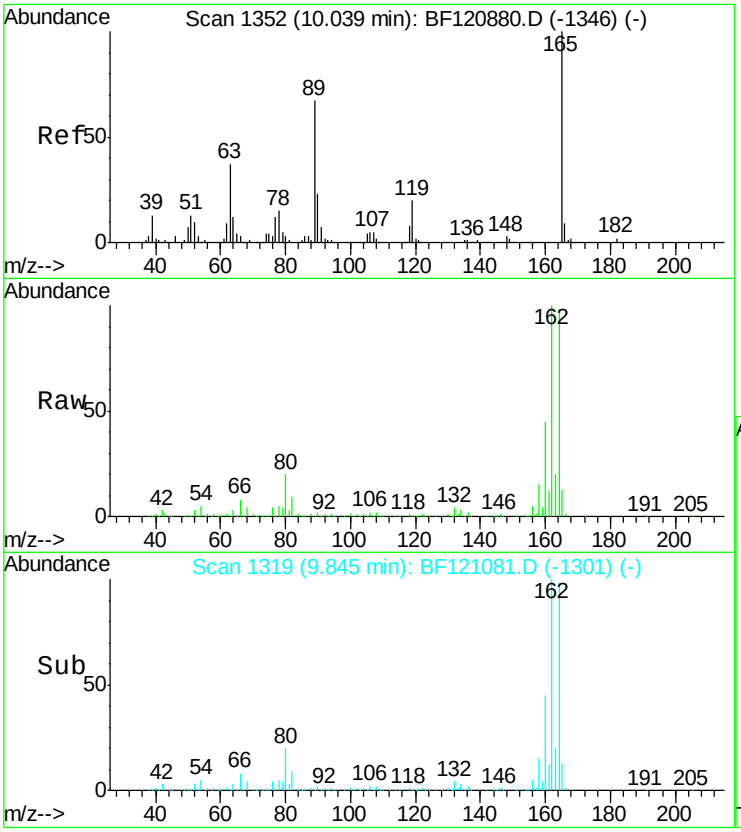




#50
Dimethylphthalate
Concen: 8.806 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:163 Resp: 198787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.2 | 4.8 |
| 164 | 10.0 | 7.9 | 11.9 |



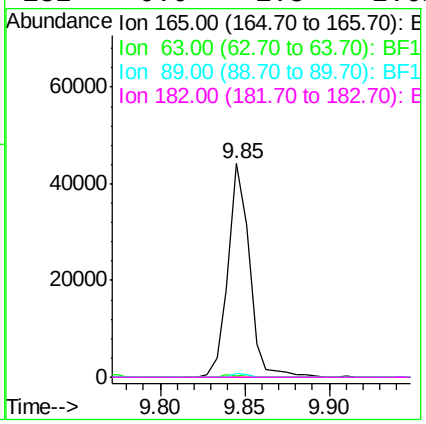


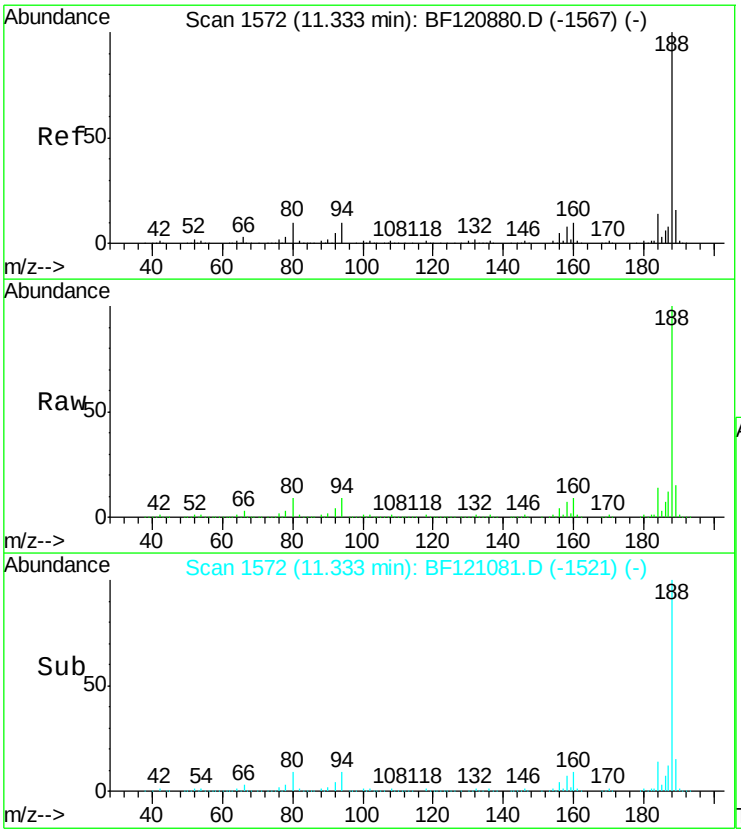

#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:165 Resp: 39032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 29.4 | 44.2# |
| 89 | 1.8 | 53.4 | 80.0# |
| 182 | 0.0 | 1.8 | 2.6# |

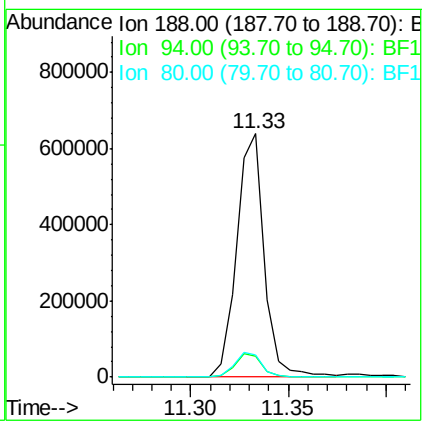


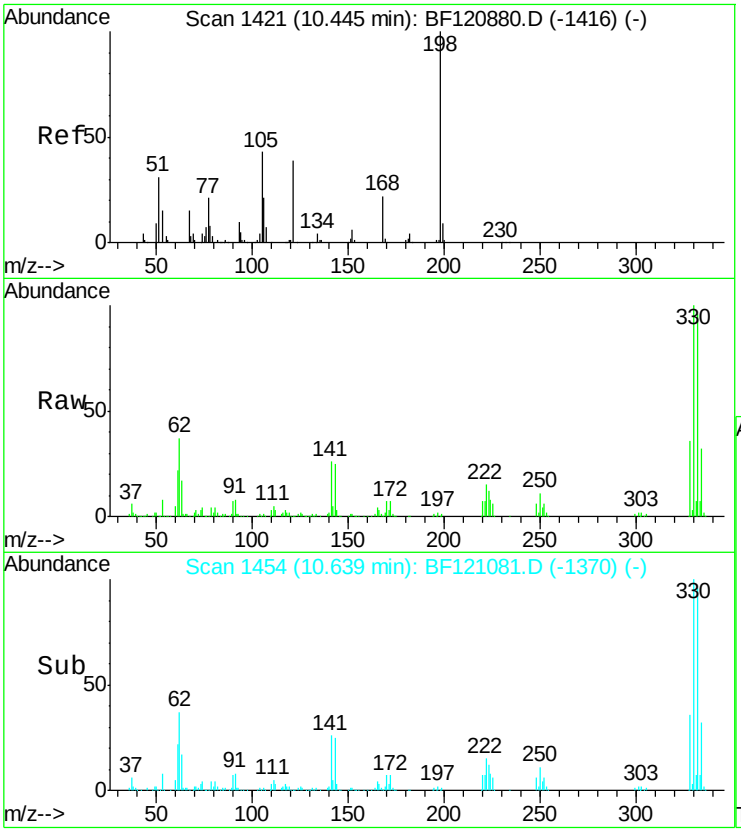




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:188 Resp: 623355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.5 | 8.0 | 12.0 |
| 80 | 9.1 | 8.3 | 12.5 |



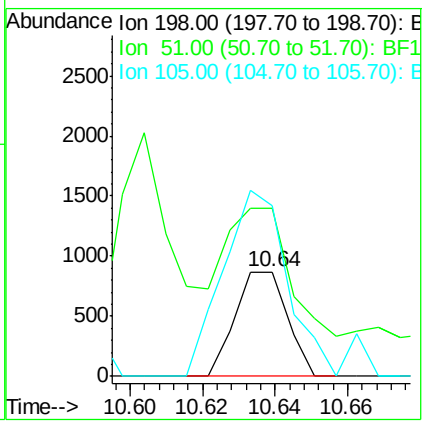


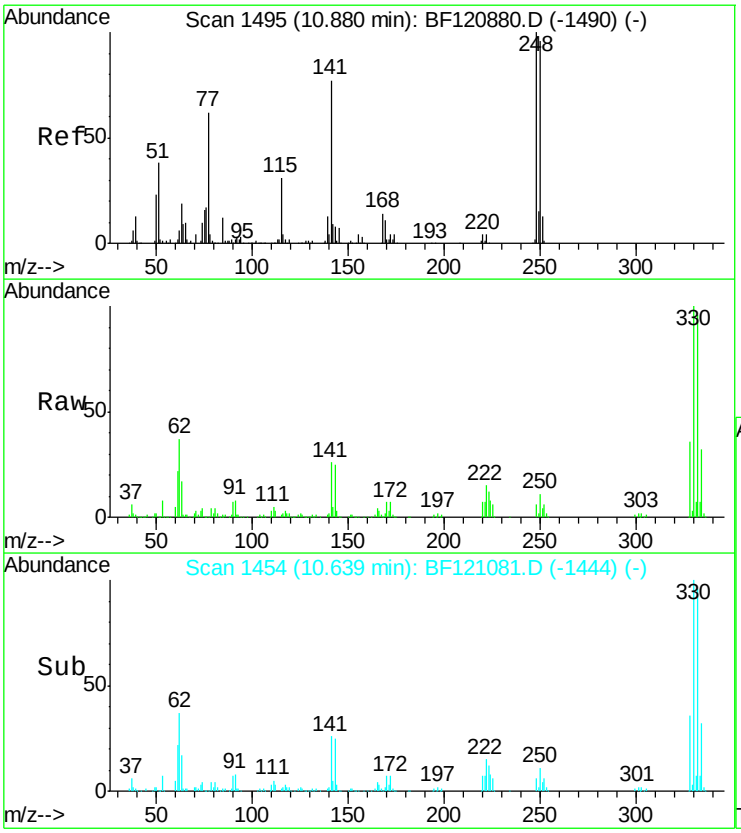

#65
4,6-Dinitro-2-methylphenol
Concen: 4.064 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:198 Resp: 868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 160.9 | 19.5 | 59.5# |
| 105 | 163.4 | 24.4 | 64.4# |

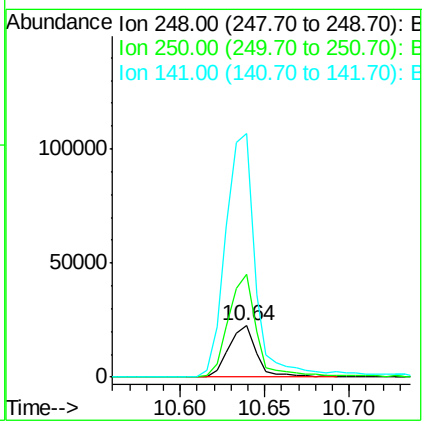


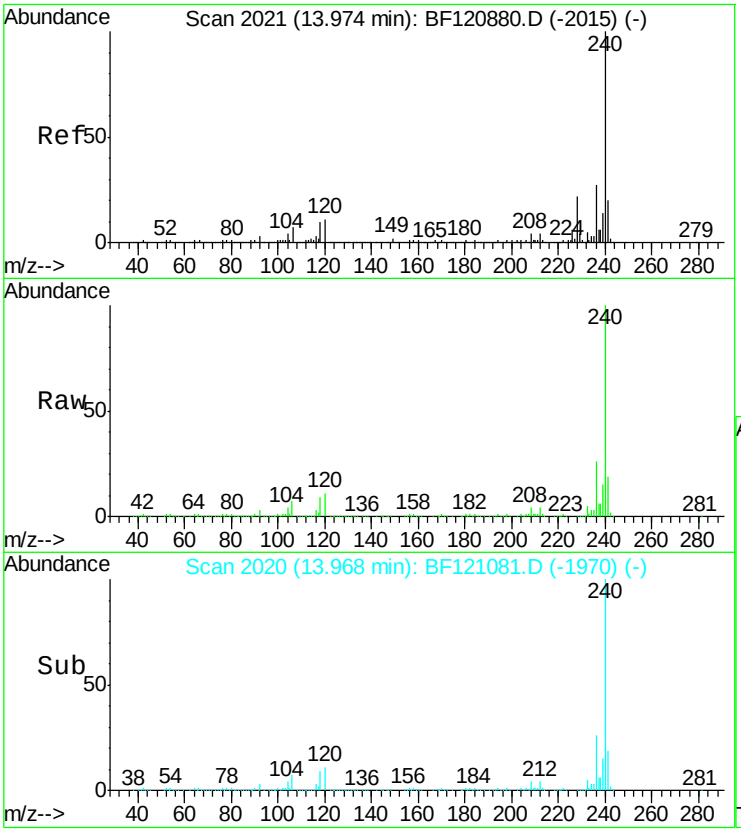




#67
4-Bromophenyl-phenylether
Concen: 3.727 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:248 Resp: 25901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.4 | 77.1 | 115.7# |
| 141 | 477.4 | 61.2 | 91.8# |



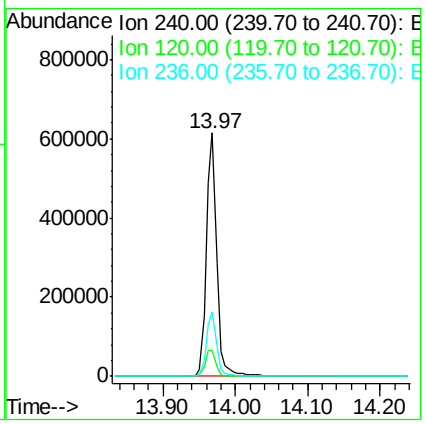


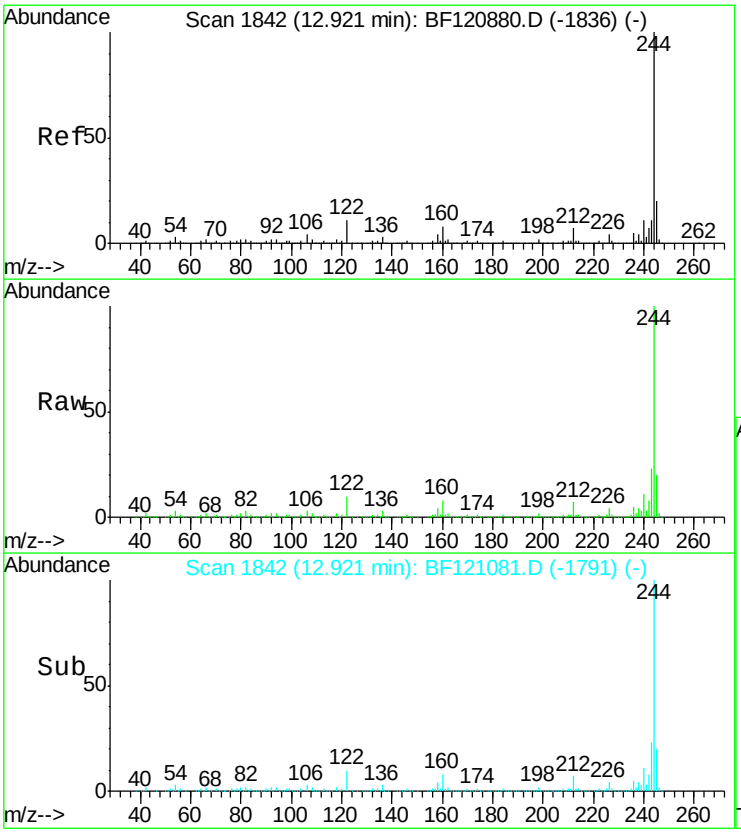

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:240 Resp: 609714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 9.0 | 13.4 |
| 236 | 26.4 | 21.7 | 32.5 |

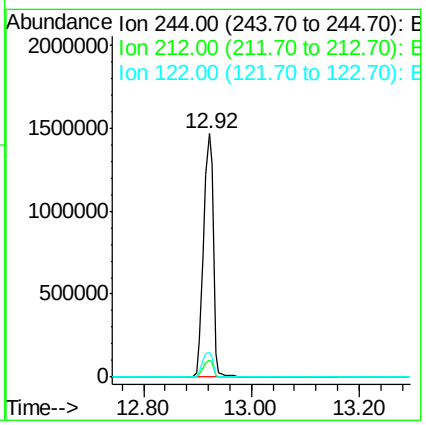


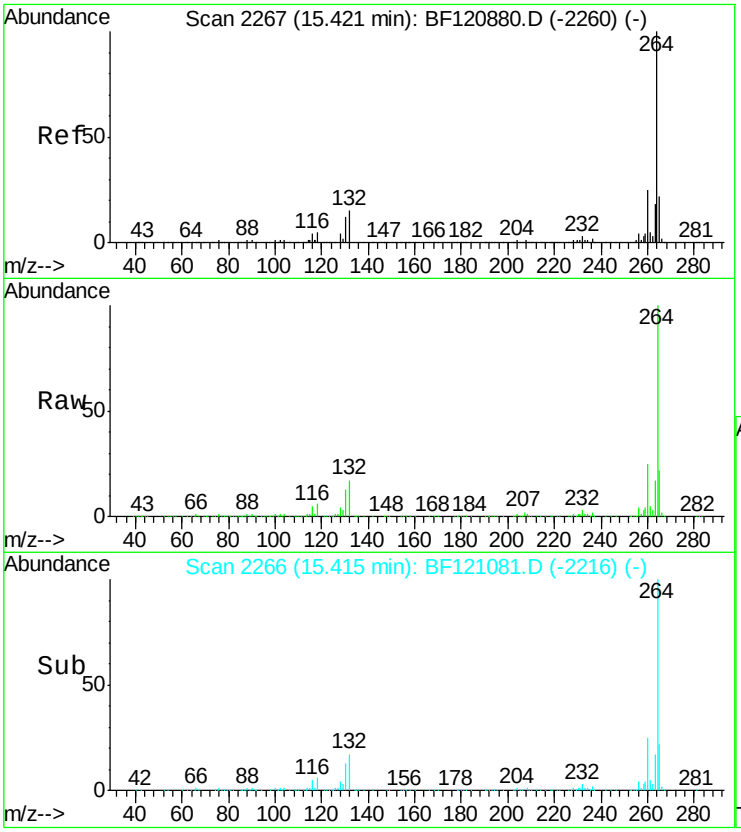




#79
Terphenyl-d14
Concen: 65.897 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

Tgt Ion:244 Resp: 1848314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 10.2 | 8.9 | 13.3 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121081.D
Acq: 28 Jul 2020 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
20200442-3002B

Tgt Ion:264 Resp: 620779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 20.0 | 30.0 |
| 265 | 22.2 | 17.4 | 26.2 |