Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121001.D
Acq On : 24 Jul 2020 14:15
Operator : JU/CG
Sample : L3381-06RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 24 14:39:14 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 | 6.82 | 152 | 158960 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 572653 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 303898 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 549635 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 370097 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.41 | 264 | 397917 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 1017114 | 104.90 | ng | 0.02 |
| 7) Phenol-d6 | 6.45 | 99 | 1123502 | 89.70 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 826488 | 83.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 405575 | 121.92 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 1546594 | 75.98 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 1425631 | 83.74 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.37 | 77 | 220 | Below Cal | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 109854 | 15.424 | ng | # 78 |
| 25) Isophorone | 7.37 | 82 | 826474 | 41.843 | ng | # 63 |
| 50) Dimethylphthalate | 9.56 | 163 | 348301 | 15.886 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 9.85 | 165 | 39437 | 6.376 | ng | # 27 |
| 65) 4,6-Dinitro-2-methylphenol | 10.63 | 198 | 735 | 4.055 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.63 | 248 | 22765 | 3.715 | ng | # 1 |
| 77) Benzidine | 12.92 | 184 | 20320 | 2.088 | ng | # 95 |

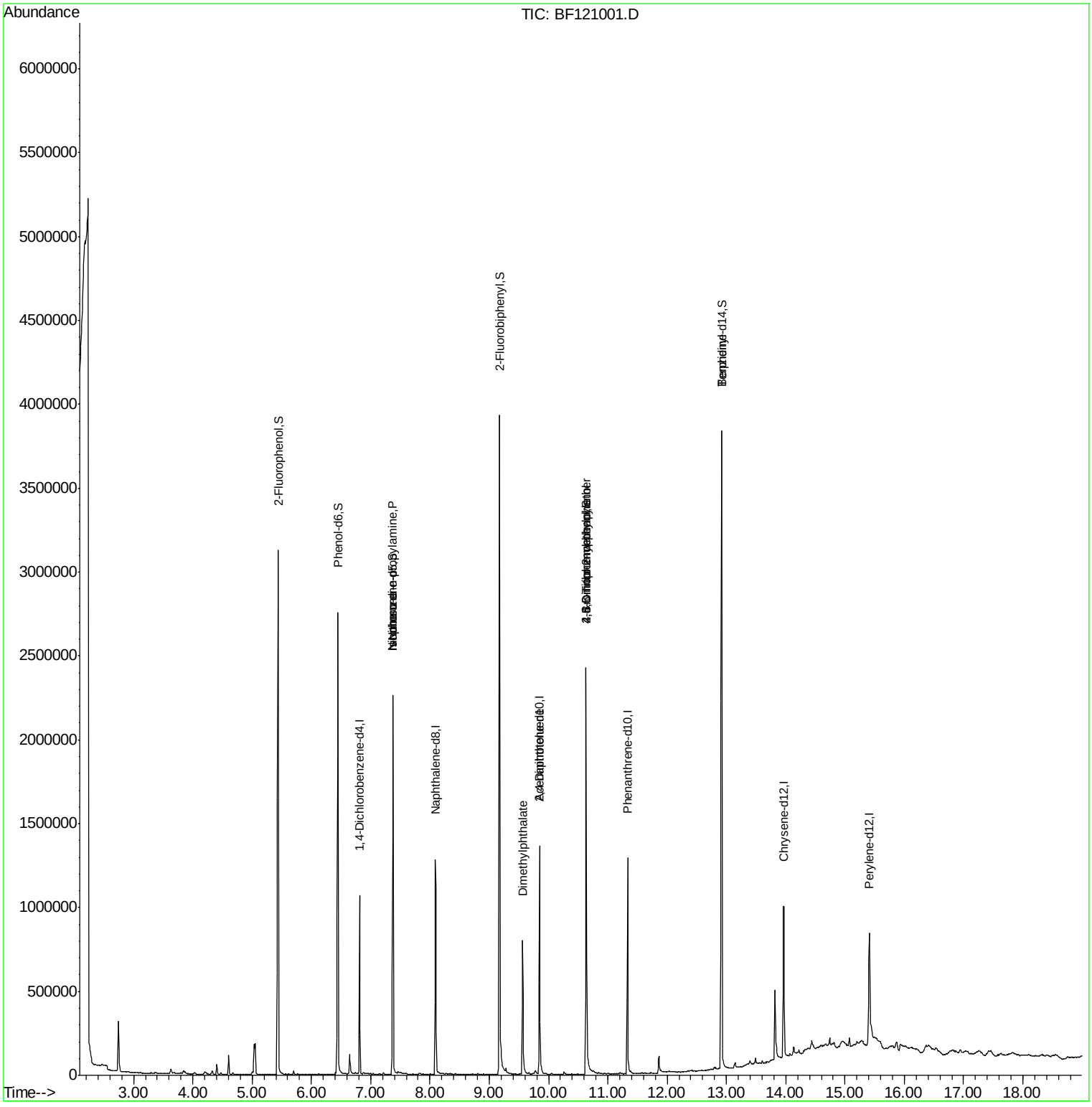
(#) = qualifier out of range (m) = manual integration (+) = signals summed

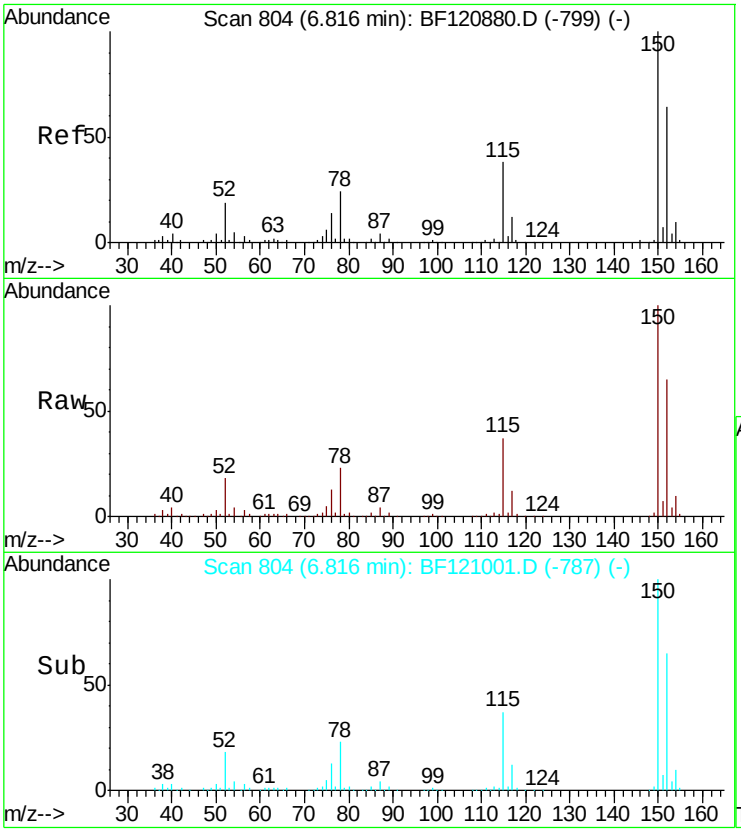
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121001.D
Acq On : 24 Jul 2020 14:15
Operator : JU/CG
Sample : L3381-06RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 24 14:39:14 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



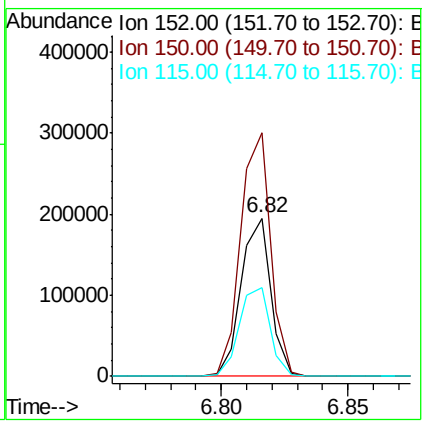


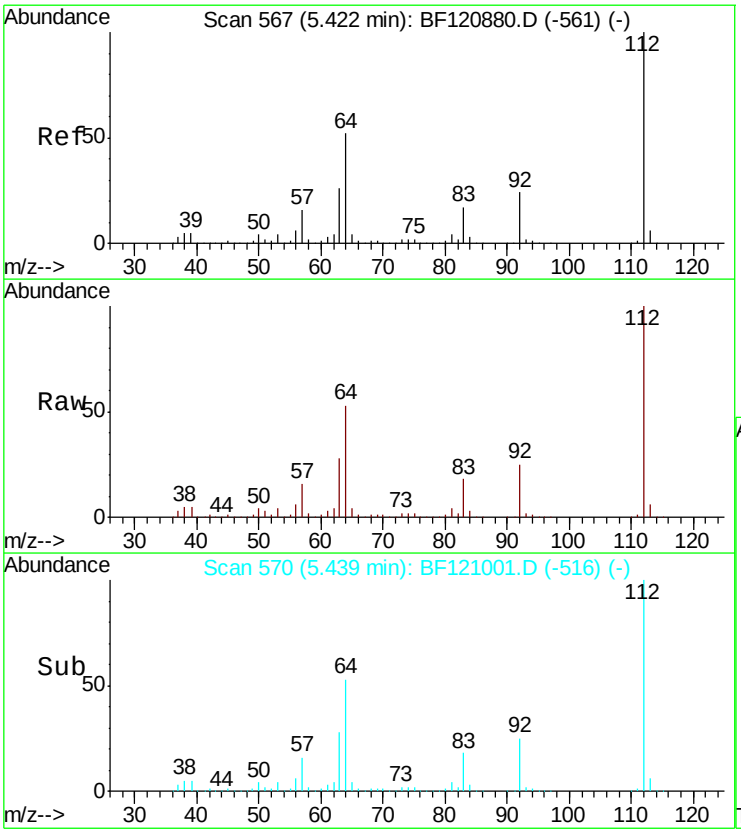

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:152 Resp: 158960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.6 | 125.0 | 187.6 |
| 115 | 56.3 | 47.0 | 70.4 |

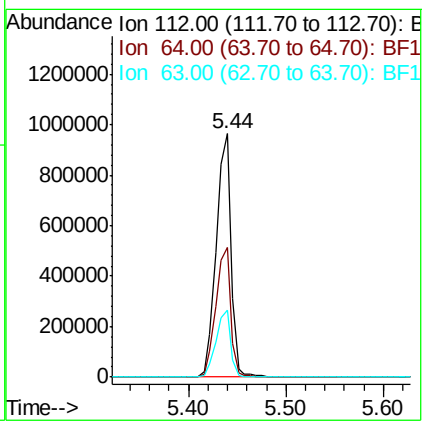


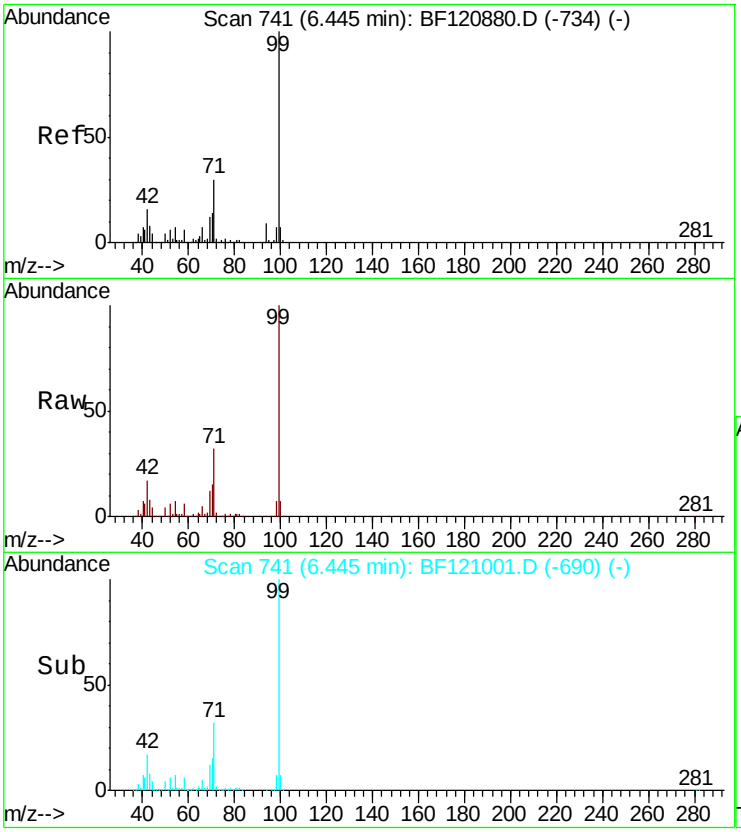




#5
2-Fluorophenol
Concen: 104.895 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:112 Resp: 1017114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.3 | 41.3 | 61.9 |
| 63 | 27.5 | 21.1 | 31.7 |



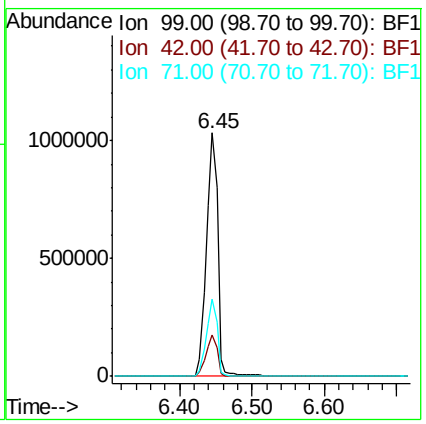


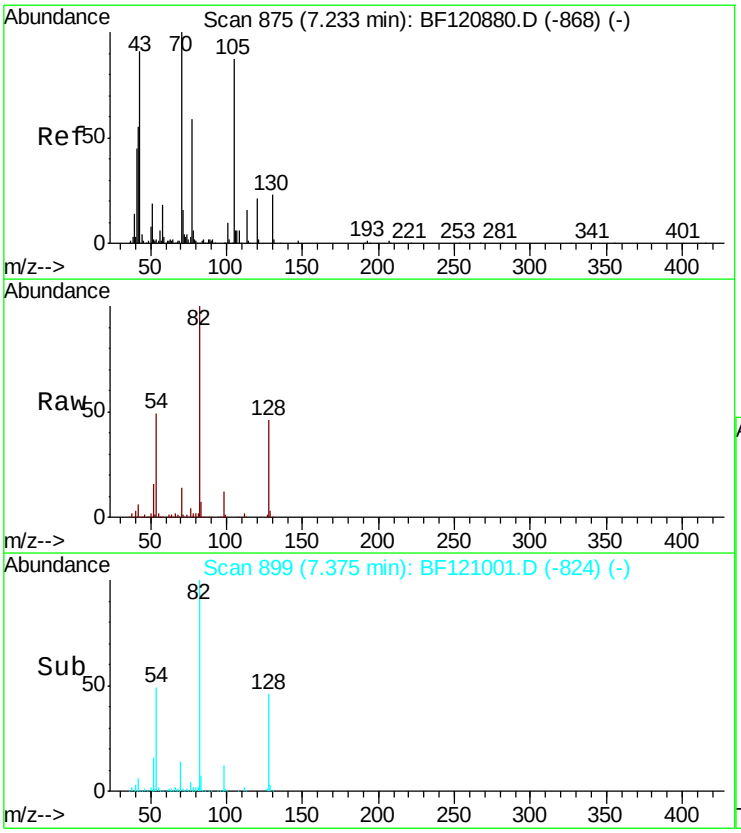

#7
Phenol-d6
Concen: 89.698 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion: 99 Resp: 1123502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 13.1 | 19.7 |
| 71 | 31.7 | 24.2 | 36.4 |

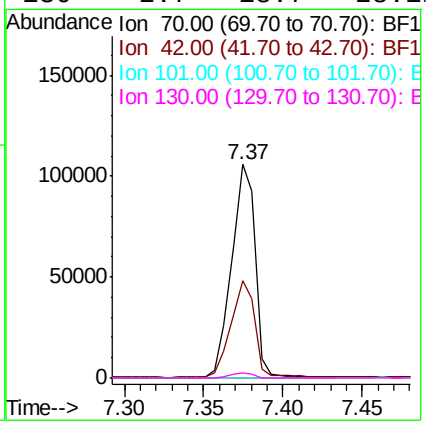


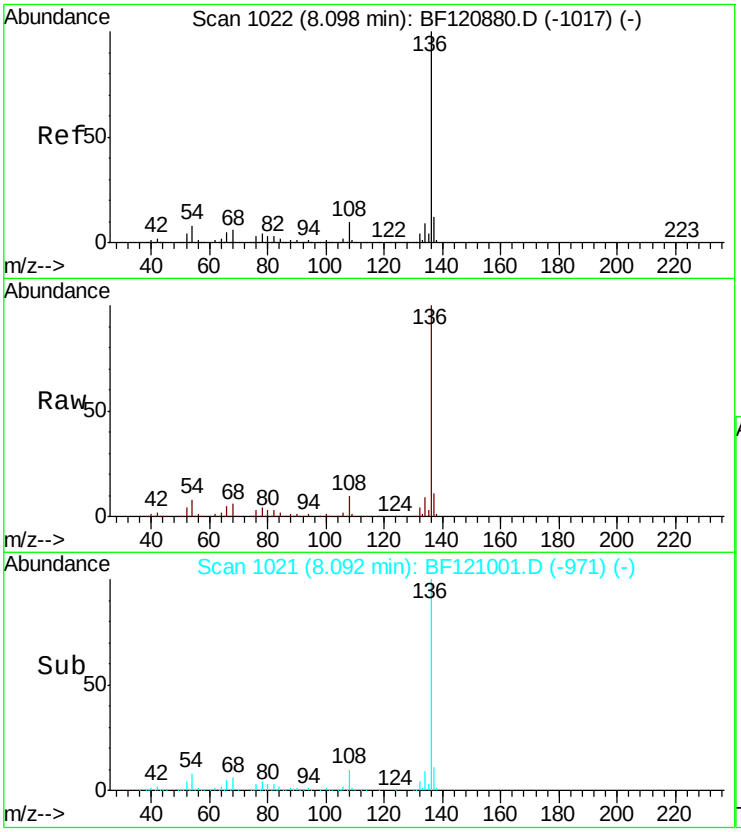




#19
n-Nitroso-di-n-propylamine
Concen: 15.424 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion: 70 Resp: 109854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.8 | 44.0 | 66.0 |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 2.7 | 18.7 | 28.1# |



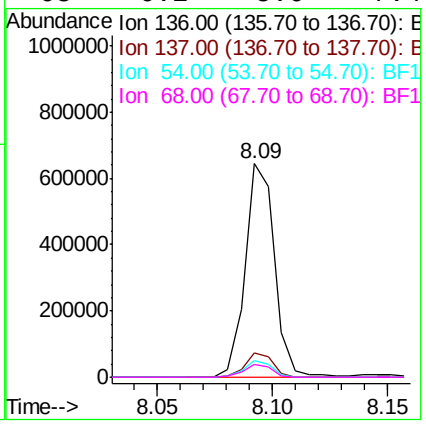


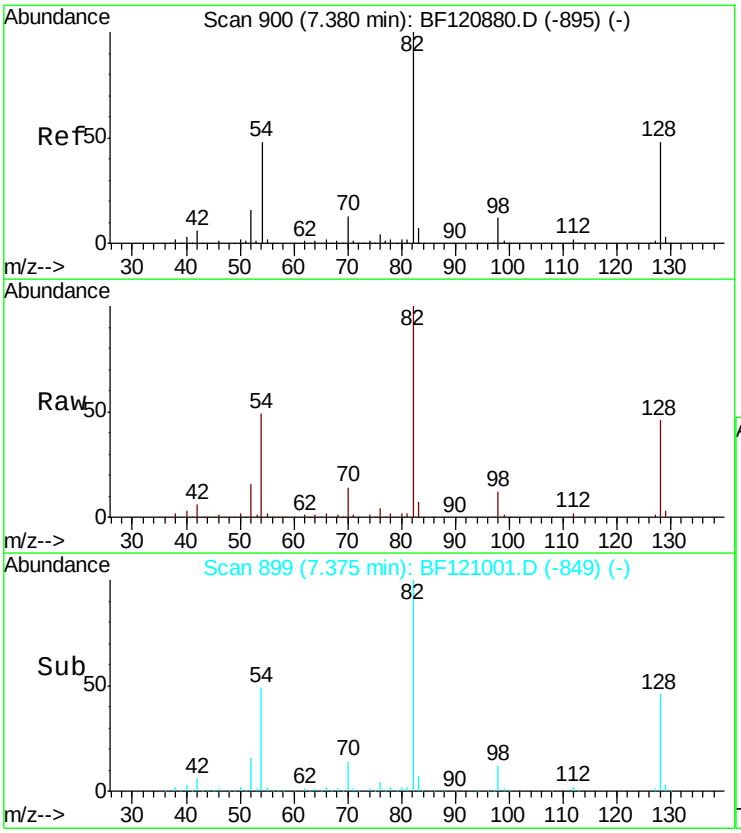

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:136 Resp: 572653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.3 | 13.9 |
| 54 | 7.7 | 6.3 | 9.5 |
| 68 | 6.2 | 5.0 | 7.4 |

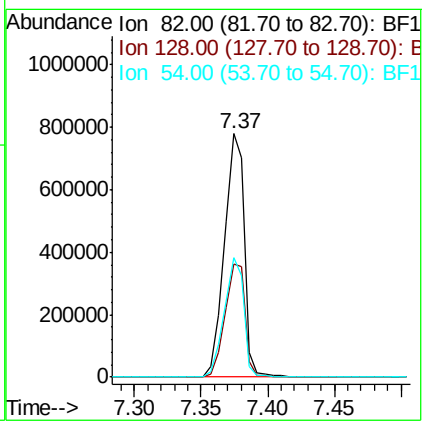


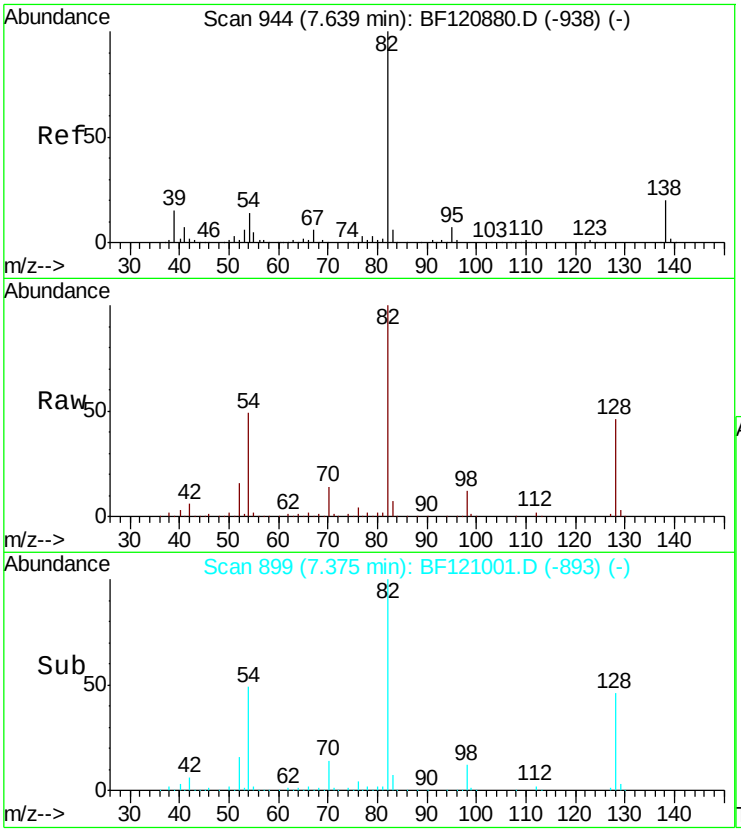




#23
Nitrobenzene-d5
Concen: 83.512 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion: 82 Resp: 826488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.5 | 38.2 | 57.4 |
| 54 | 49.1 | 38.7 | 58.1 |



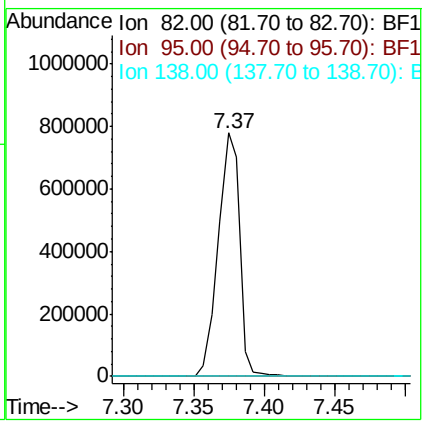


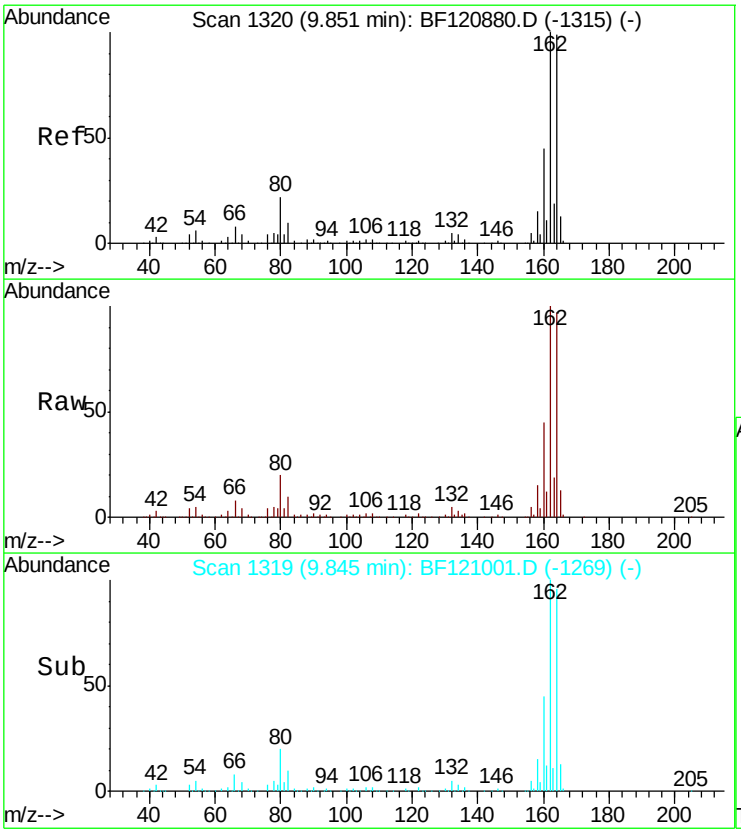

#25
Isophorone
Concen: 41.843 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion: 82 Resp: 826474

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

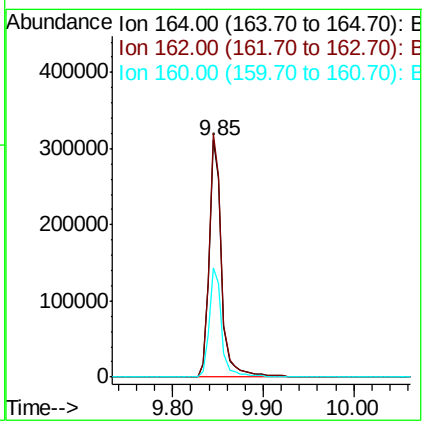


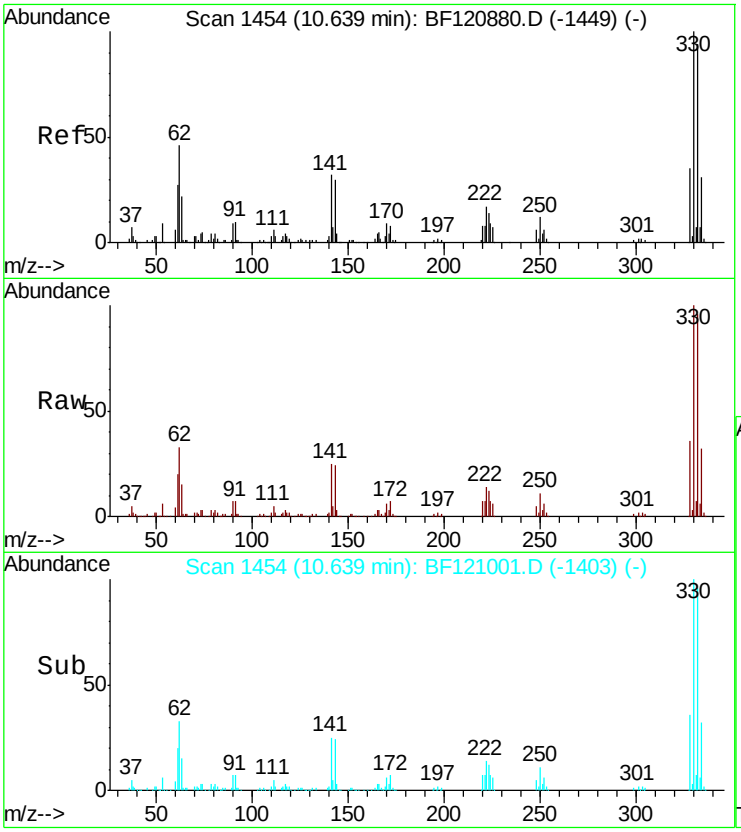




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:164 Resp: 303898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 81.2 | 121.8 |
| 160 | 46.3 | 36.9 | 55.3 |



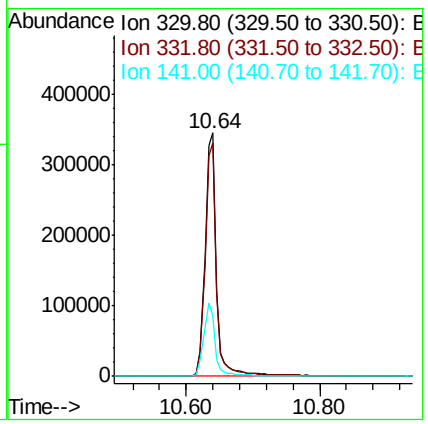


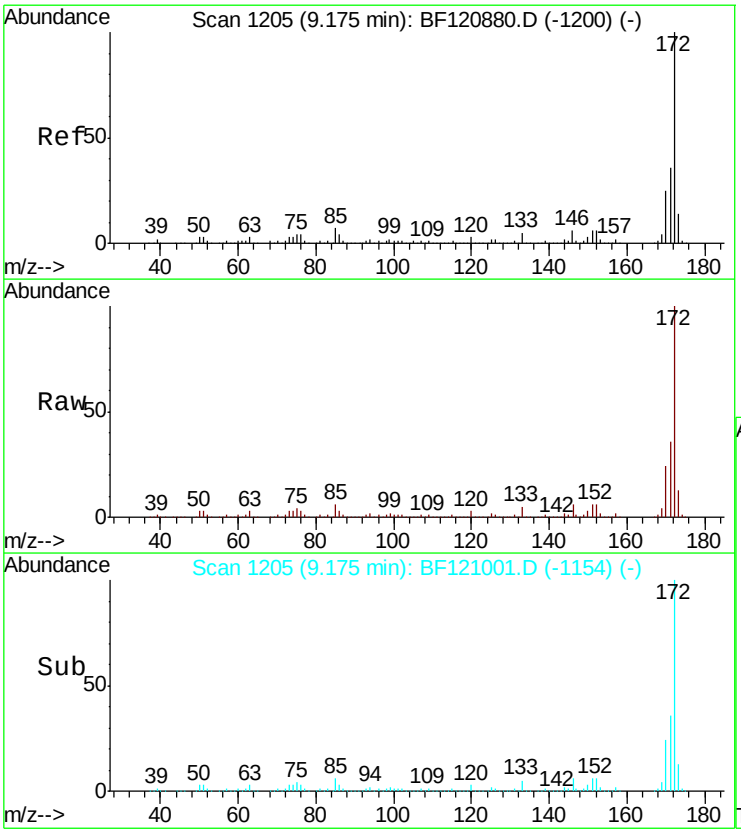

#42
2,4,6-Tribromophenol
Concen: 121.924 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:330 Resp: 405575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 75.5 | 113.3 |
| 141 | 30.7 | 25.7 | 38.5 |

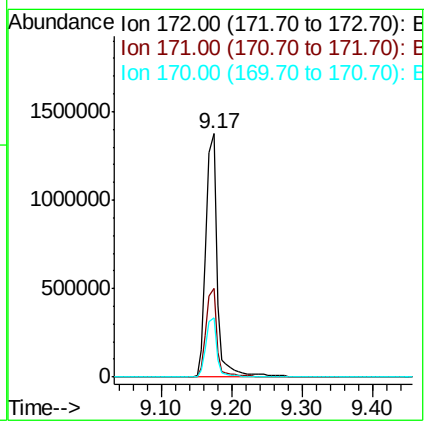


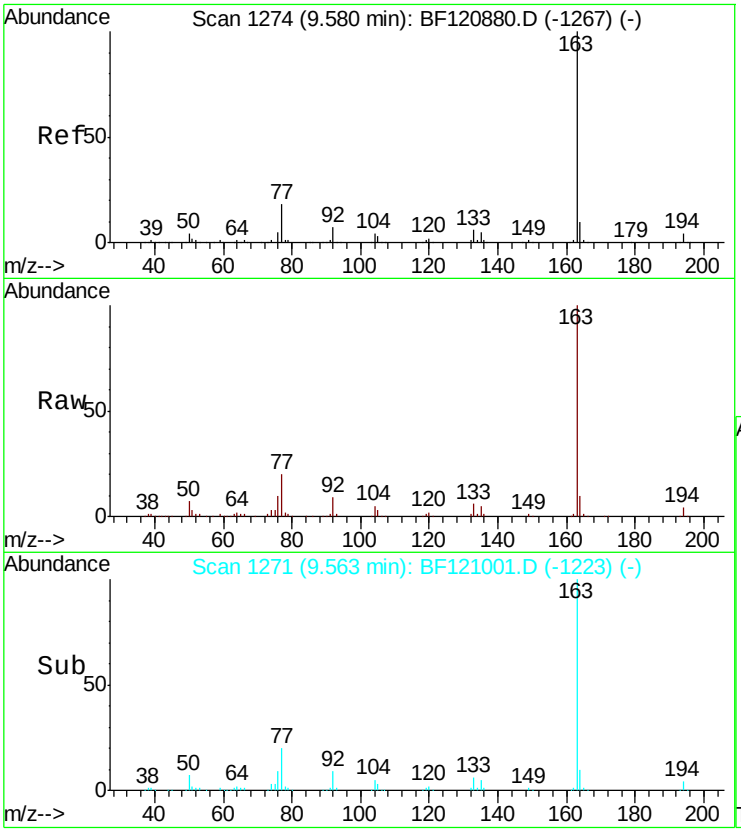




#45
2-Fluorobiphenyl
Concen: 75.984 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:172 Resp: 1546594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.0 | 43.4 |
| 170 | 24.5 | 19.6 | 29.4 |



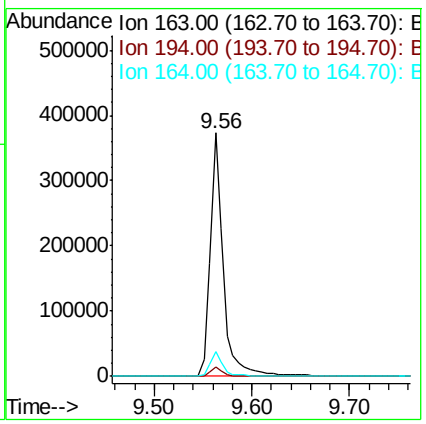


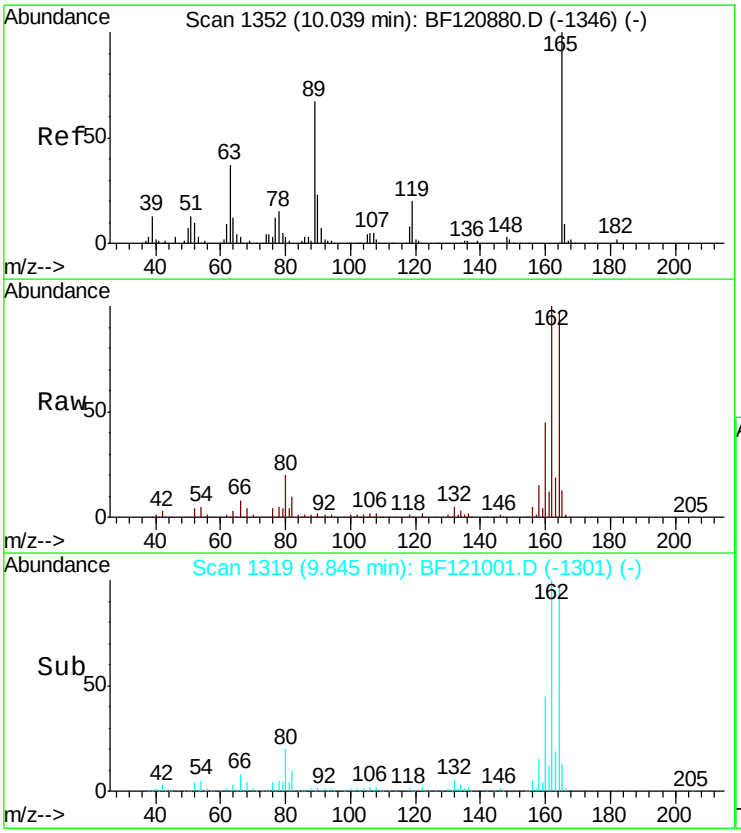

#50
Dimethylphthalate
Concen: 15.886 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:163 Resp: 348301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.2 | 4.8 |
| 164 | 10.1 | 7.9 | 11.9 |

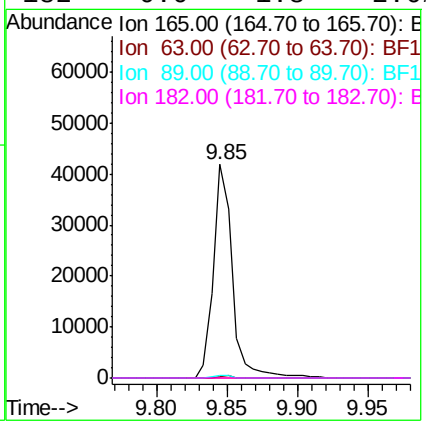


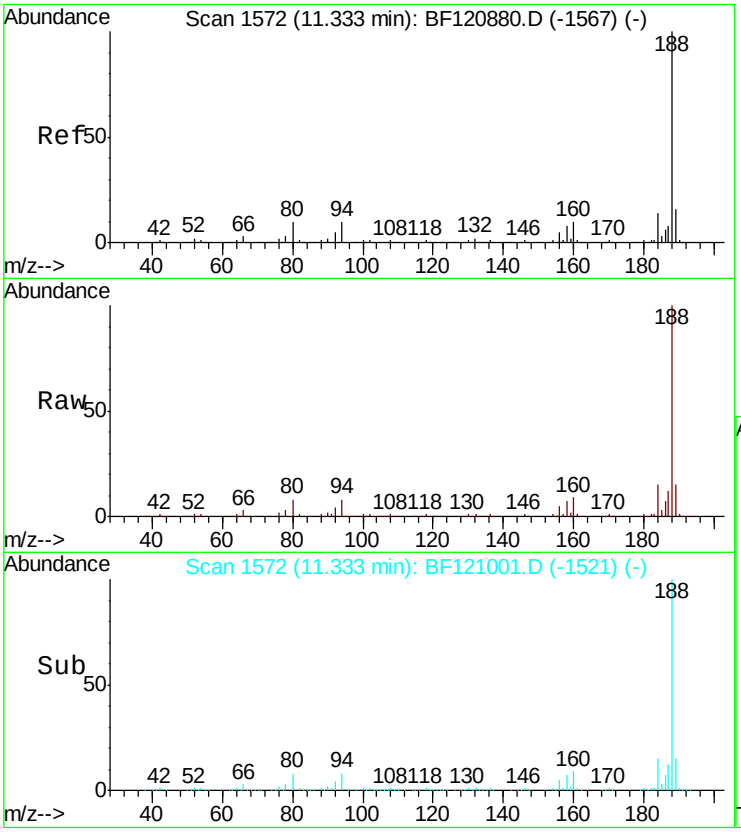




#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:165 Resp: 39437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.8 | 29.4 | 44.2# |
| 89 | 1.0 | 53.4 | 80.0# |
| 182 | 0.0 | 1.8 | 2.6# |



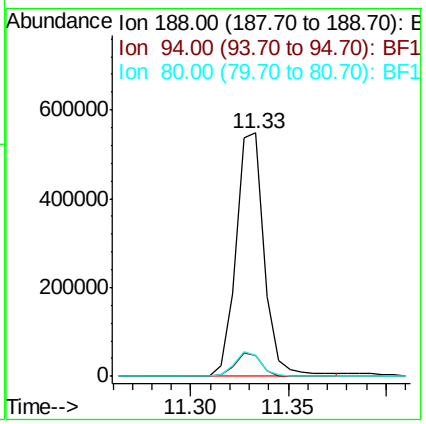


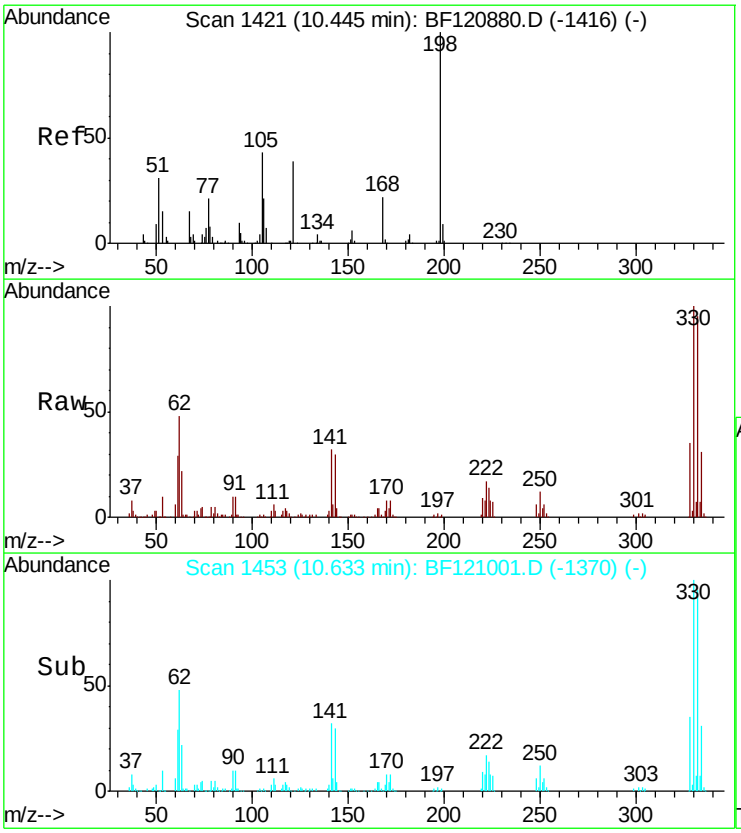

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:188 Resp: 549635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 8.0 | 12.0 |
| 80 | 8.5 | 8.3 | 12.5 |

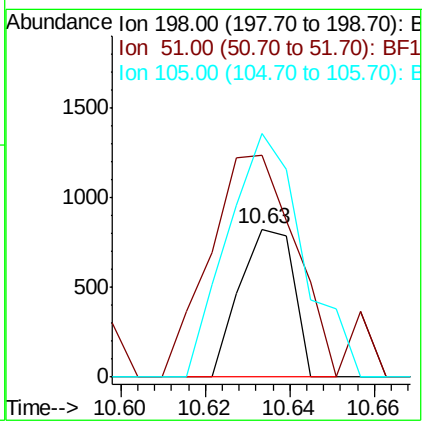


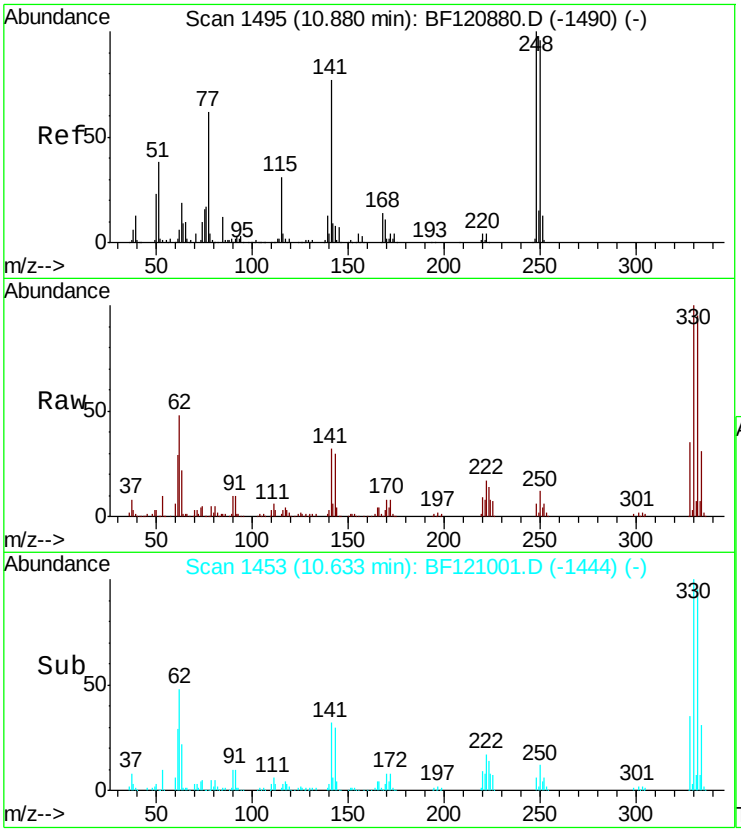




#65
4,6-Dinitro-2-methylphenol
Concen: 4.055 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:198 Resp: 735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 149.7 | 19.5 | 59.5# |
| 105 | 164.7 | 24.4 | 64.4# |



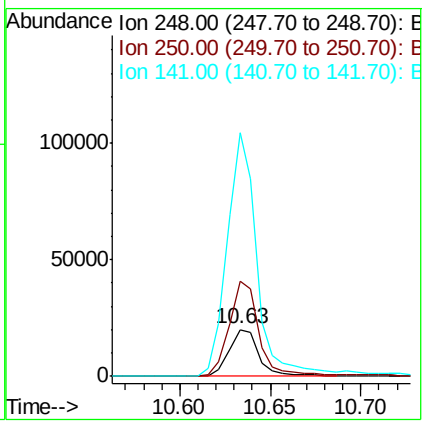


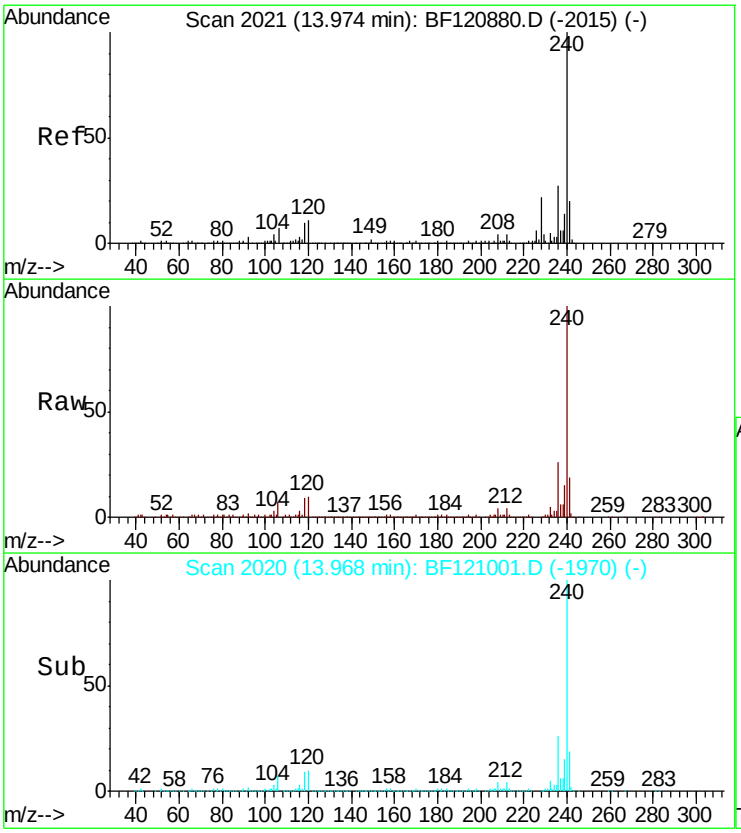

#67
4-Bromophenyl-phenylether
Concen: 3.715 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:248 Resp: 22765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 204.1 | 77.1 | 115.7# |
| 141 | 523.7 | 61.2 | 91.8# |

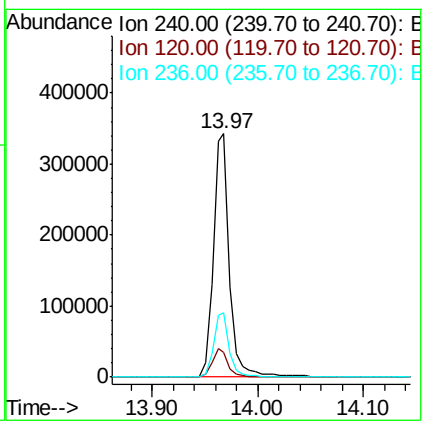


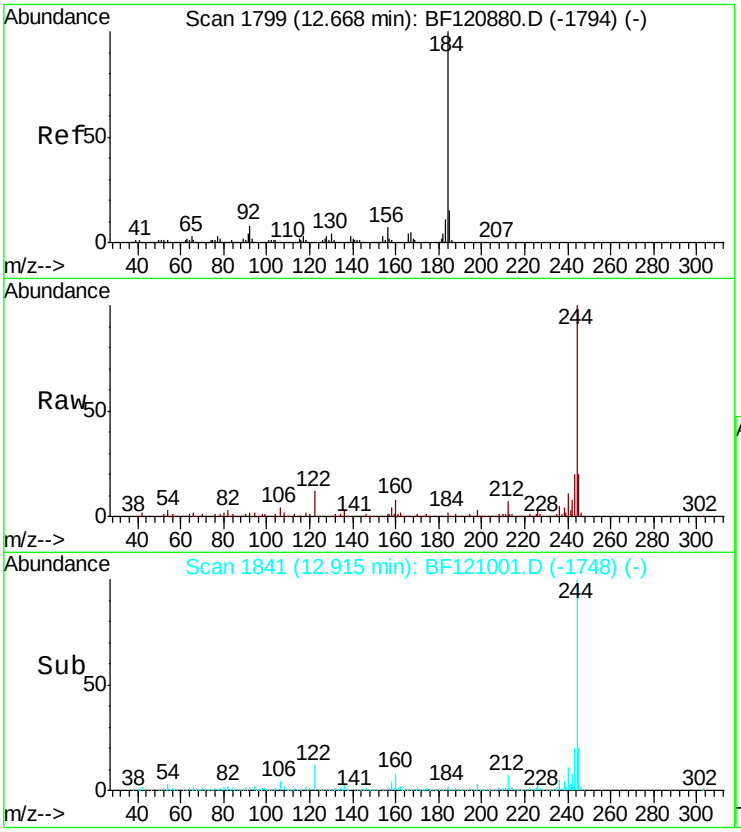




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:240 Resp: 370097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.0 | 9.0 | 13.4 |
| 236 | 26.4 | 21.7 | 32.5 |



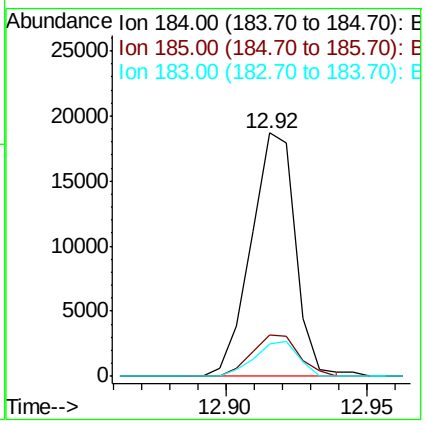


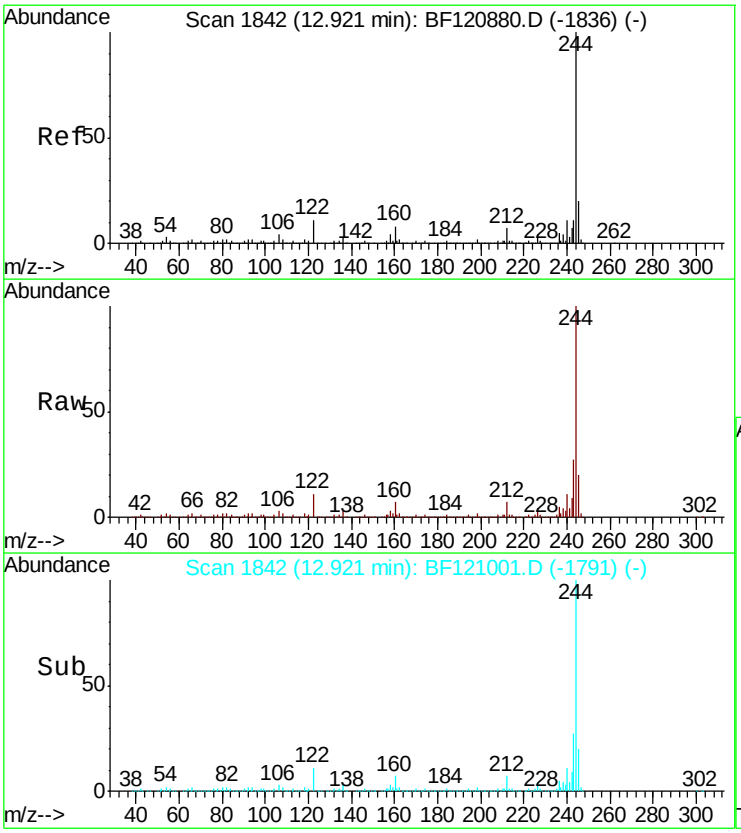

#77
Benzidine
Concen: 2.088 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:184 Resp: 20320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.7 | 12.2 | 18.2 |
| 183 | 13.4 | 8.5 | 12.7# |

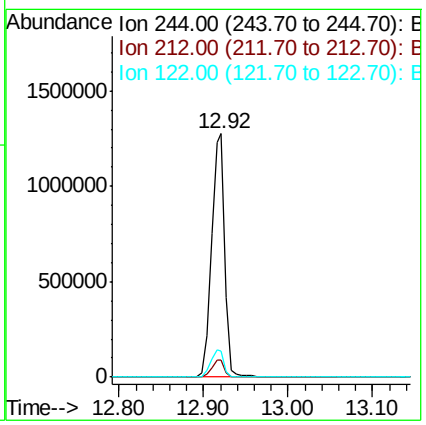


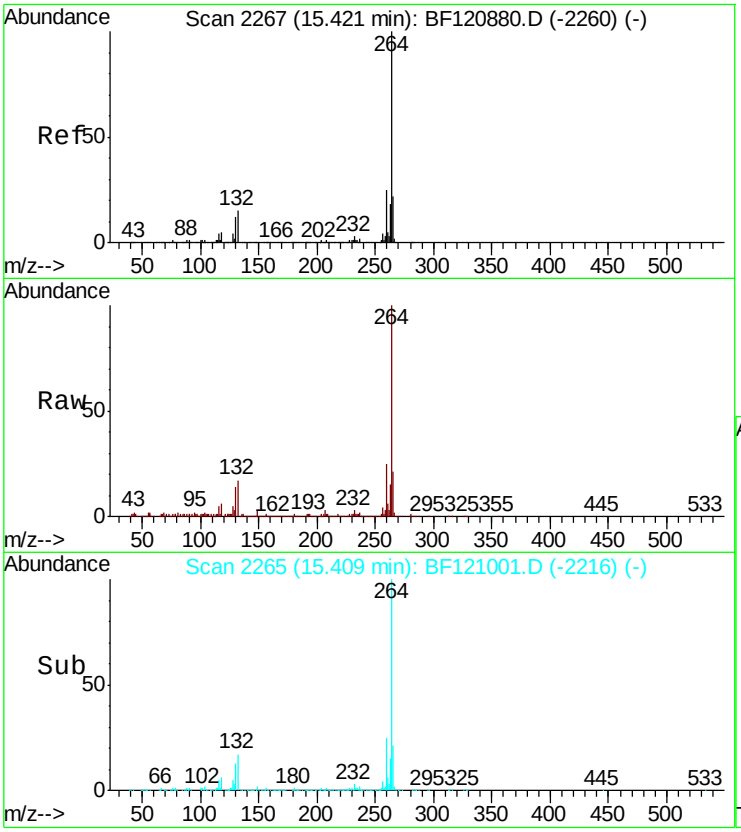




#79
Terphenyl-d14
Concen: 83.735 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

Tgt Ion:244 Resp: 1425631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 10.5 | 8.9 | 13.3 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF121001.D
Acq: 24 Jul 2020 14:15

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

Tgt Ion:264 Resp: 397917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.7 | 20.0 | 30.0 |
| 265 | 21.5 | 17.4 | 26.2 |