Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119049.D
Acq On : 25 Feb 2020 4:49
Operator : CG/JU
Sample : L1635-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Feb 25 06:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 146356 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 553188 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.79 | 164 | 288252 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.27 | 188 | 489425 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.90 | 240 | 310926 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.33 | 264 | 347297 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 644312 | 73.57 | ng | 0.00 |
| 7) Phenol-d6 | 6.40 | 99 | 801169 | 75.22 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 544143 | 51.94 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 240531 | 63.79 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.11 | 172 | 1043250 | 53.32 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.85 | 244 | 1028208 | 56.93 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 74227 | 11.960 | ng | # 77 |
| 25) Isophorone | 7.32 | 82 | 544137 | 29.905 | ng | # 63 |
| 32) Benzoic acid | 7.70 | 122 | 130 | 6.701 | ng | # 1 |
| 50) Dimethylphthalate | 9.50 | 163 | 71707 | 3.253 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 37847 | 7.728 | ng | # 30 |
| 57) 2,4-Dinitrotoluene | 9.79 | 165 | 37847 | 5.962 | ng | # 29 |
| 67) 4-Bromophenyl-phenylether | 10.57 | 248 | 15416 | 2.410 | ng | # 1 |

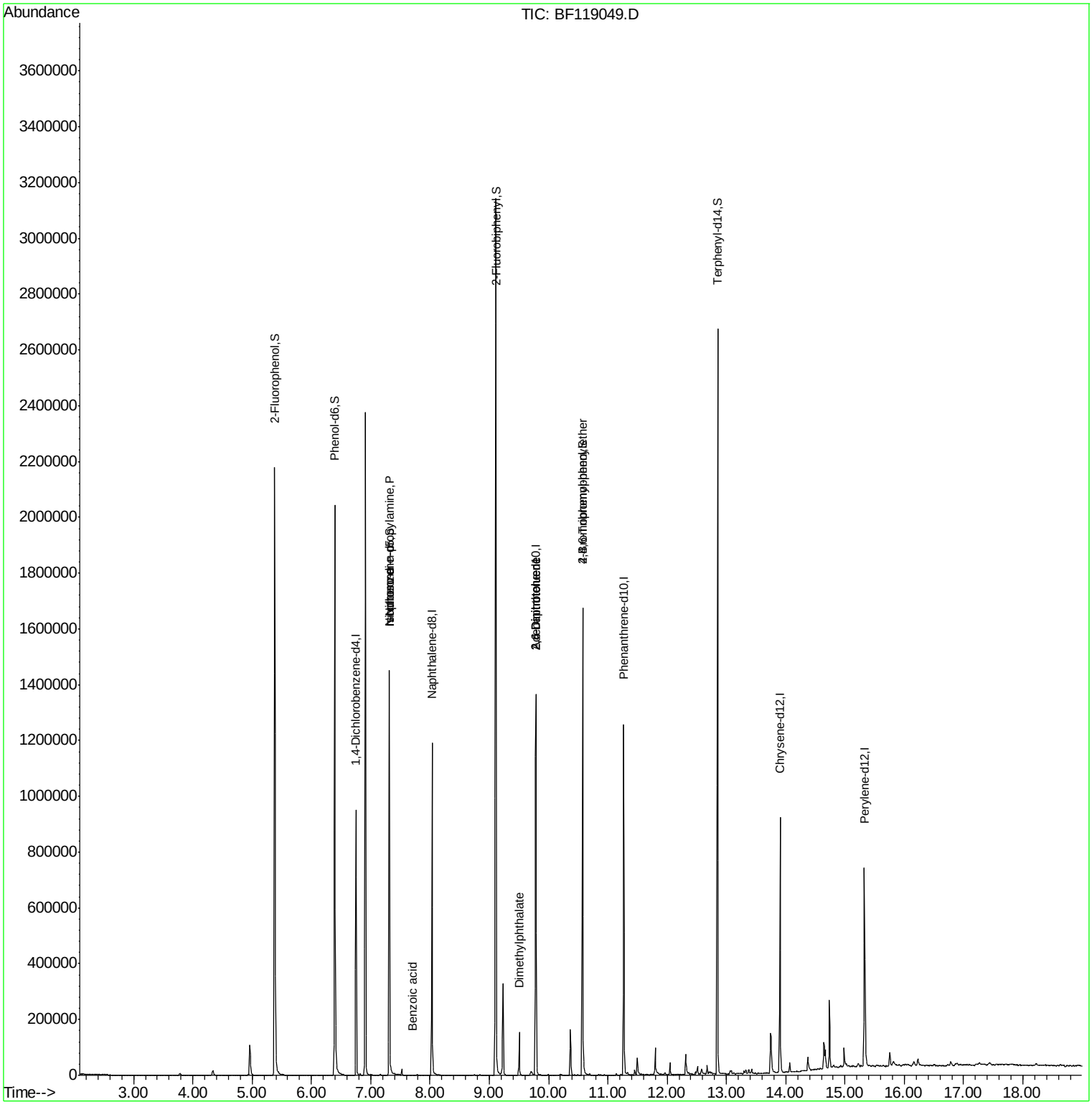
(#) = qualifier out of range (m) = manual integration (+) = signals summed

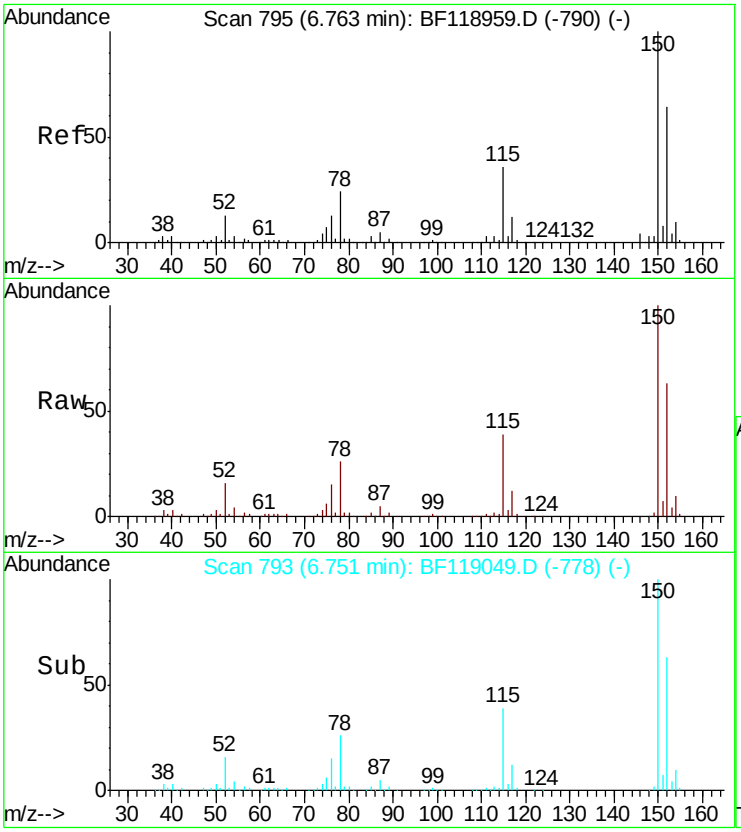
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119049.D
Acq On : 25 Feb 2020 4:49
Operator : CG/JU
Sample : L1635-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Feb 25 06:45:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



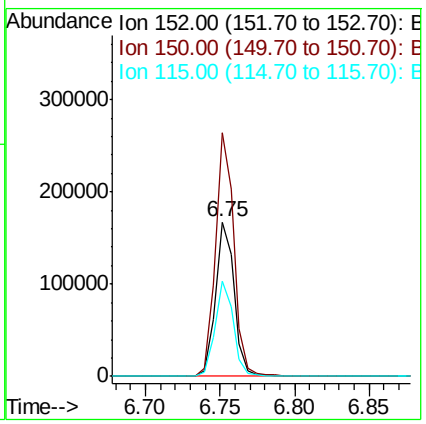


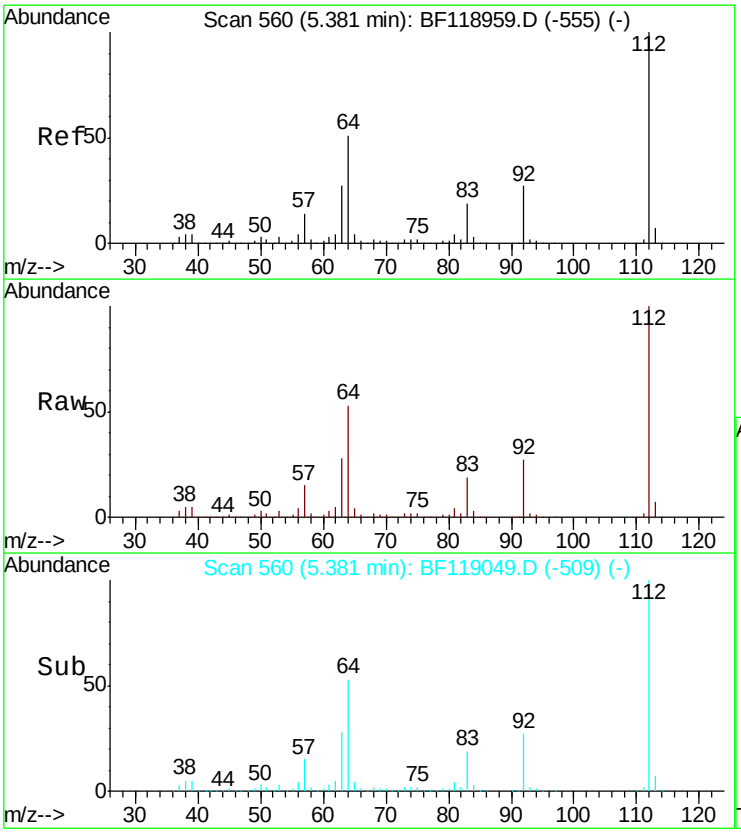

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:152 Resp: 146356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 124.3 | 186.5 |
| 115 | 61.5 | 44.6 | 67.0 |

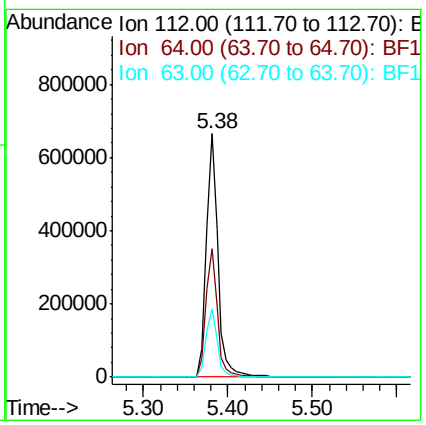


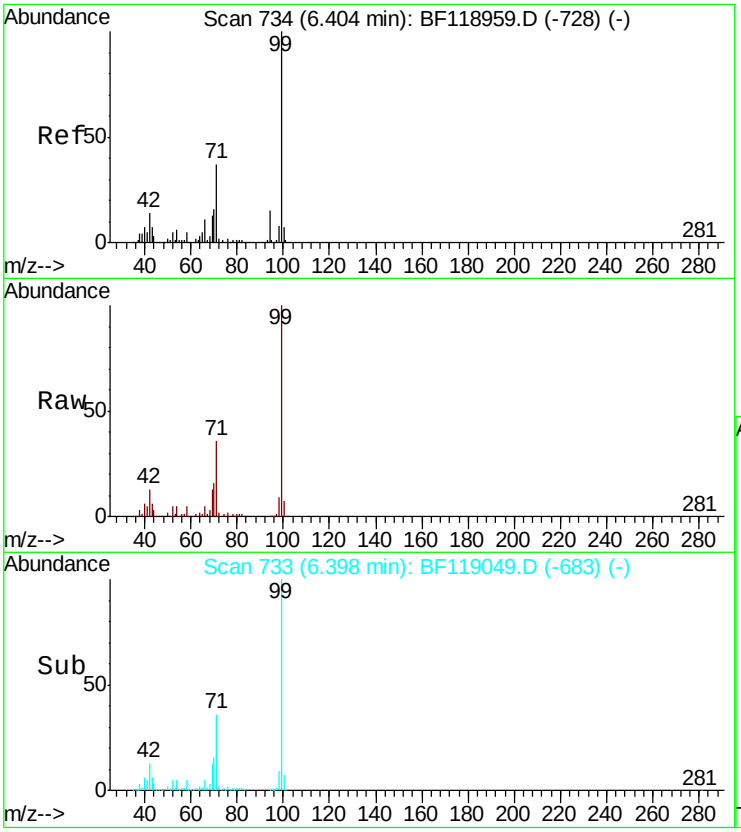




#5
2-Fluorophenol
Concen: 73.571 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:112 Resp: 644312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.9 | 40.4 | 60.6 |
| 63 | 28.1 | 21.3 | 31.9 |



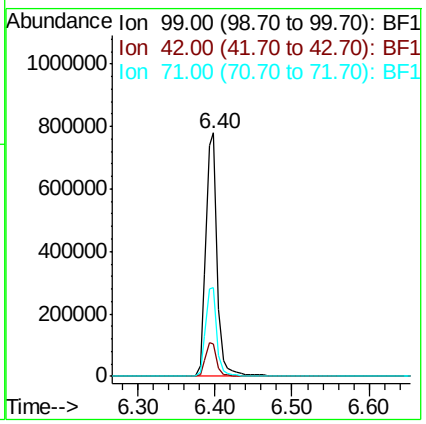


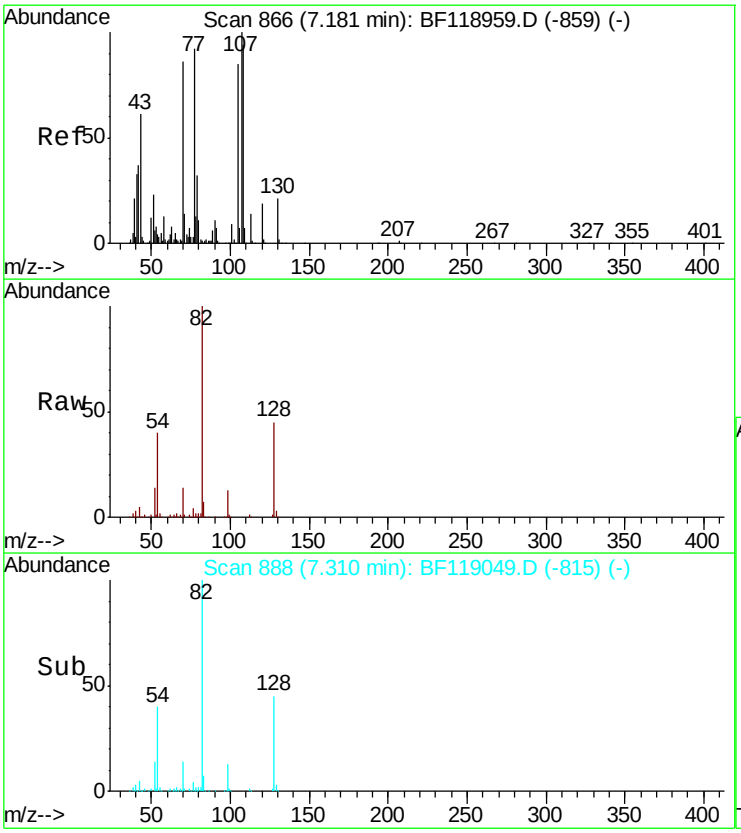

#7
Phenol-d6
Concen: 75.221 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion: 99 Resp: 801169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.4 | 11.4 | 17.0 |
| 71 | 36.3 | 29.8 | 44.6 |

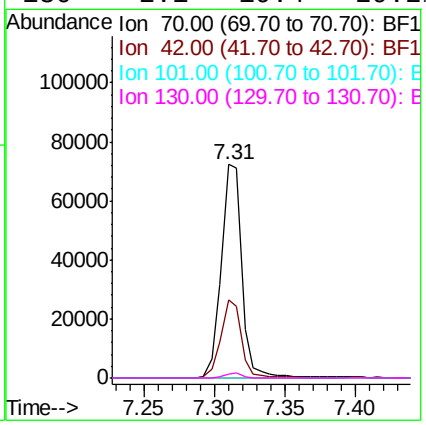


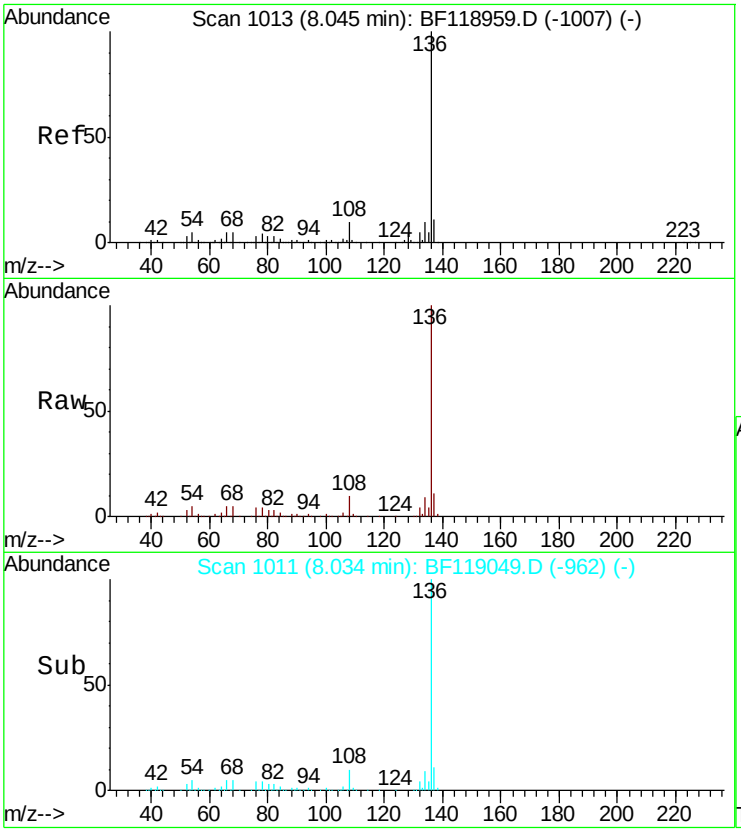




#19
n-Nitroso-di-n-propylamine
Concen: 11.960 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion: 70 Resp: 74227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 36.6 | 34.6 | 51.8 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 2.1 | 19.4 | 29.2# |



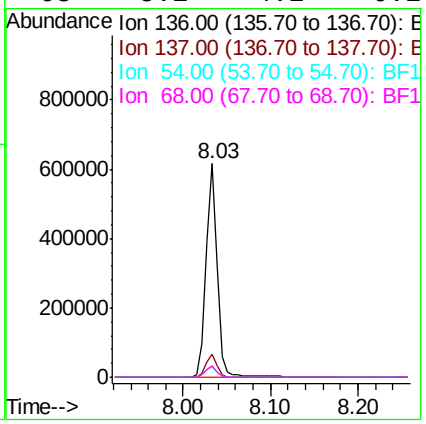


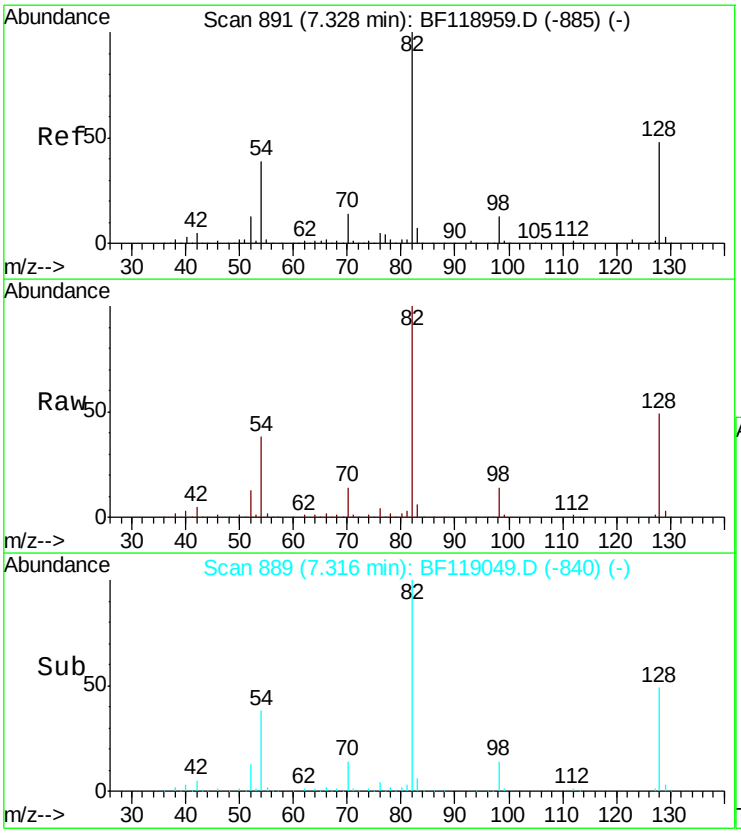

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:136 Resp: 553188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 4.9 | 3.8 | 5.6 |
| 68 | 5.2 | 4.2 | 6.2 |

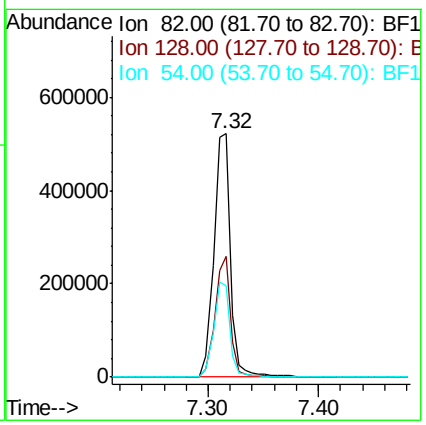


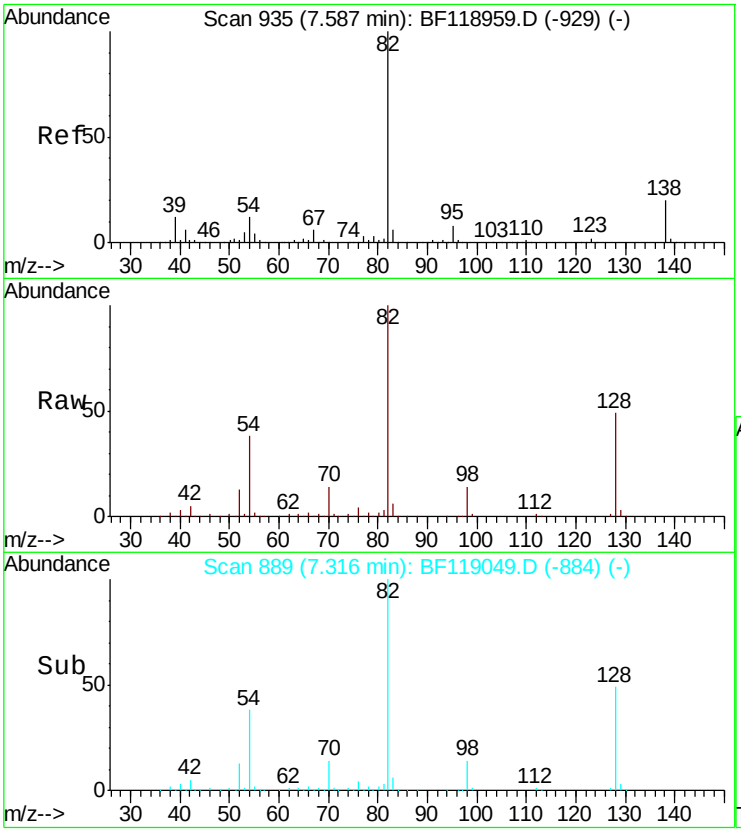




#23
Nitrobenzene-d5
Concen: 51.937 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion: 82 Resp: 544143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 38.2 | 57.2 |
| 54 | 37.5 | 31.3 | 46.9 |



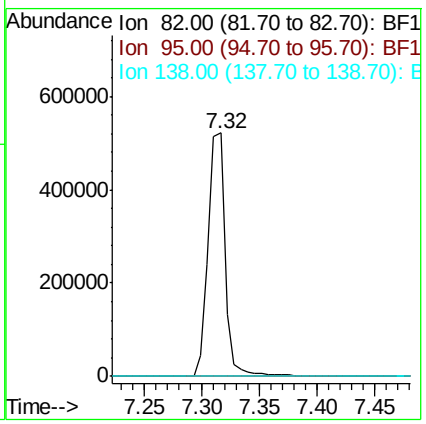


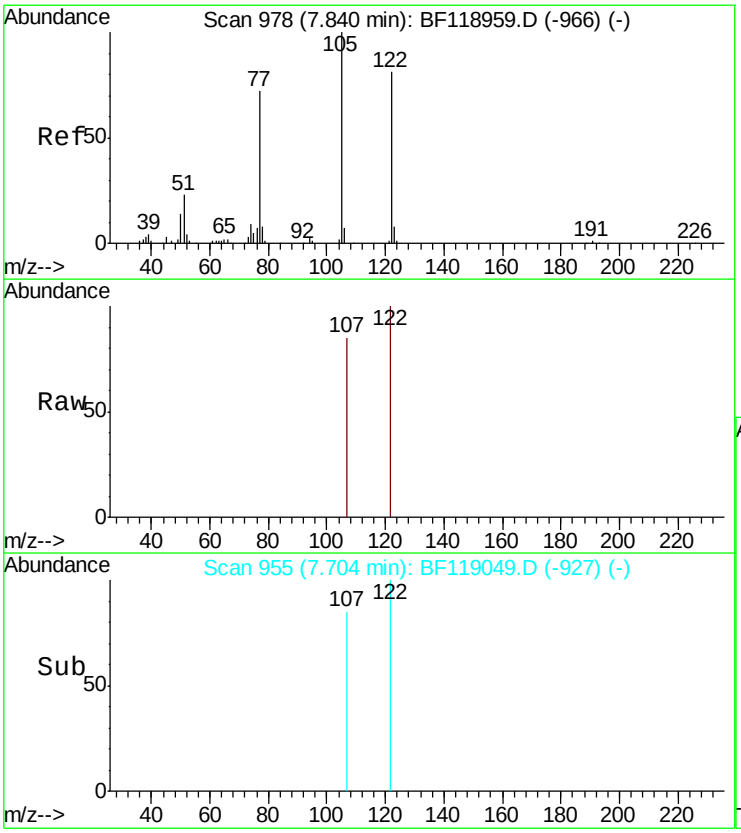

#25
Isophorone
Concen: 29.905 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion: 82 Resp: 544137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.1 | 9.1# |
| 138 | 0.0 | 15.8 | 23.6# |

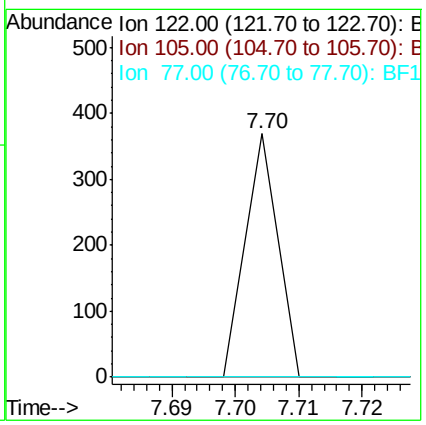


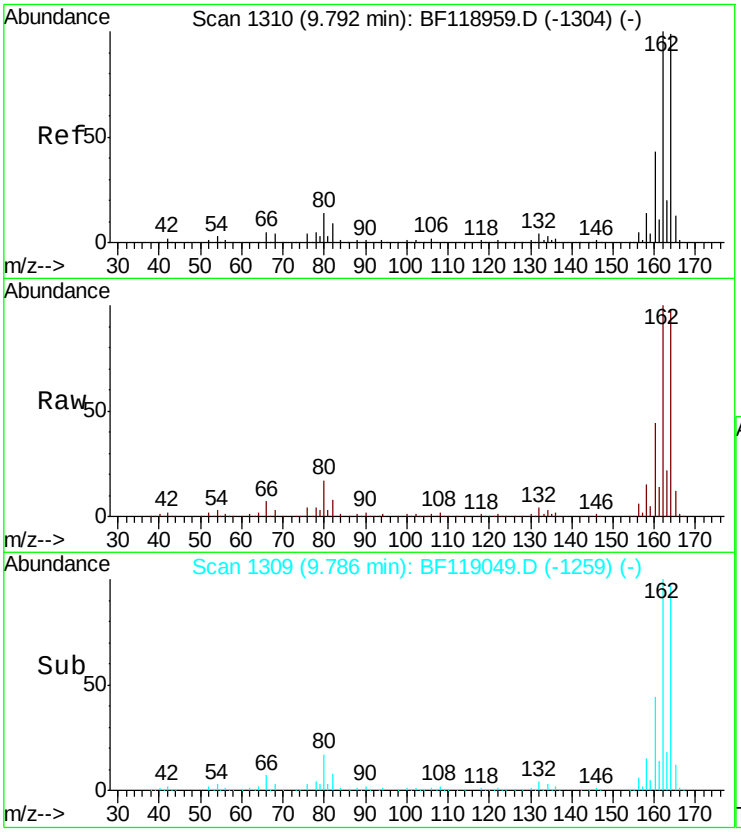




#32
Benzoic acid
Concen: 6.701 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.13 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:122 Resp: 130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 102.2 | 142.2# |
| 77 | 0.0 | 68.6 | 108.6# |



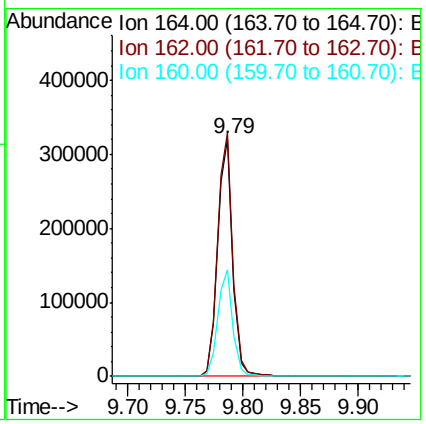


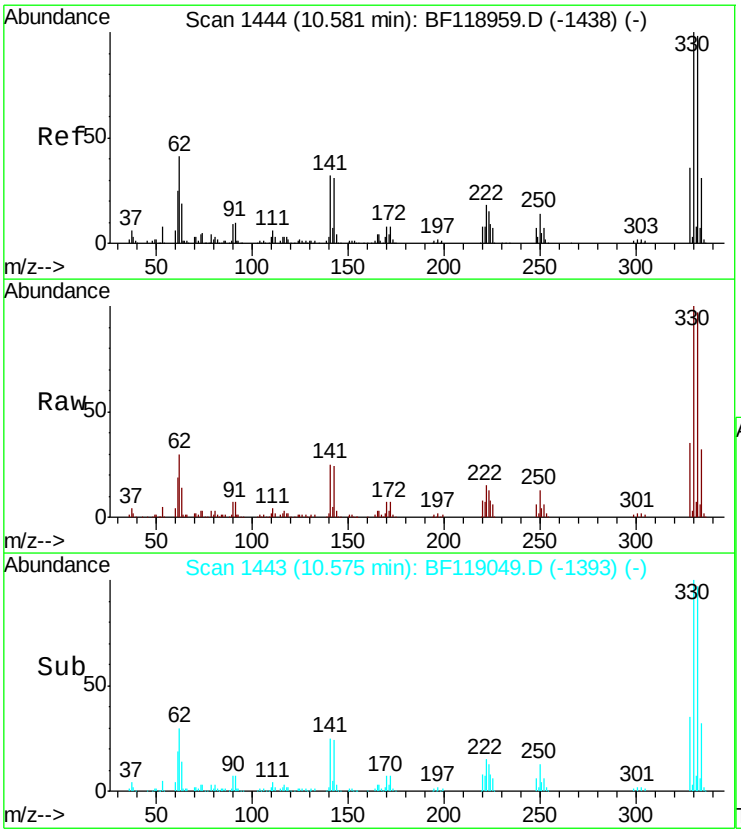

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:164 Resp: 288252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.4 | 81.2 | 121.8 |
| 160 | 44.9 | 35.2 | 52.8 |

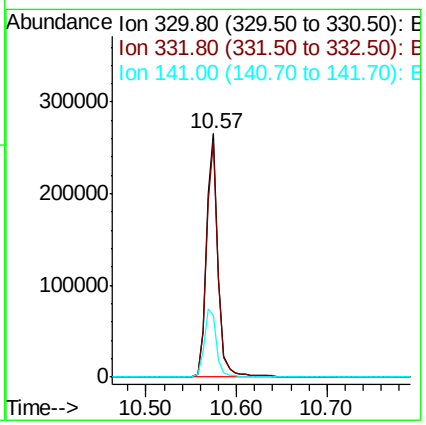


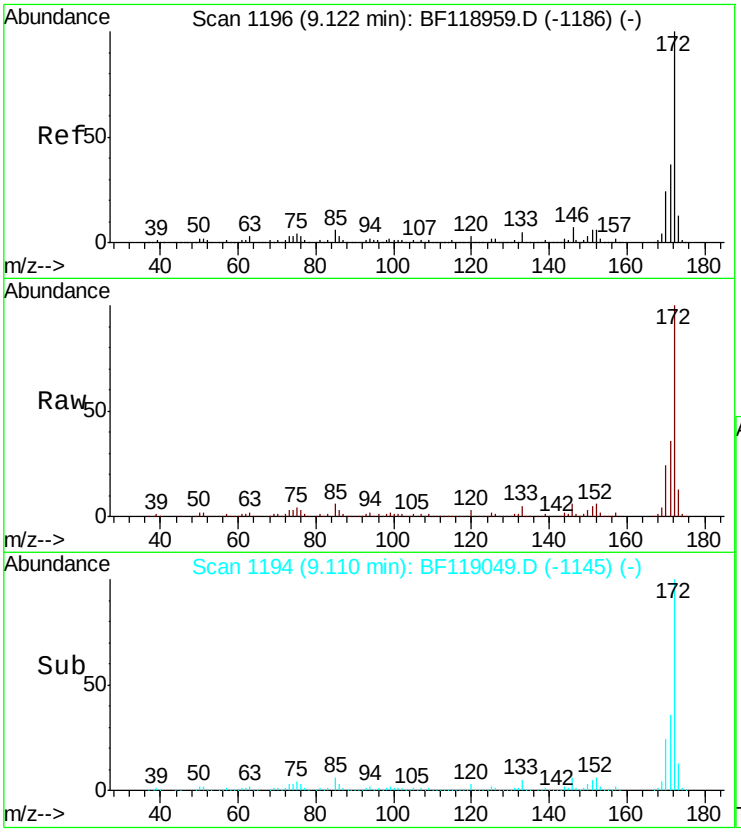




#42
2,4,6-Tribromophenol
Concen: 63.787 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:330 Resp: 240531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 77.1 | 115.7 |
| 141 | 29.9 | 23.0 | 34.6 |

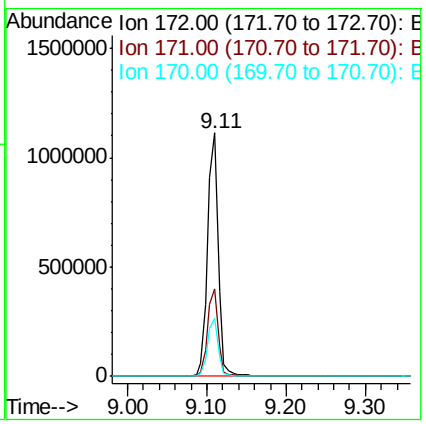




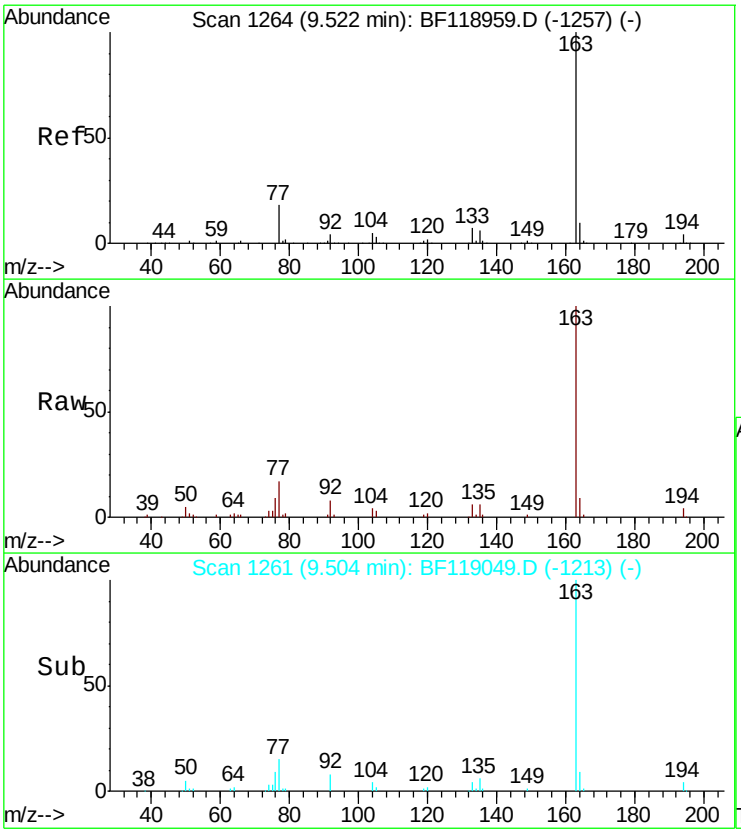

#45
2-Fluorobiphenyl
Concen: 53.317 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:172 Resp: 1043250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.4 | 44.2 |
| 170 | 23.7 | 19.6 | 29.4 |



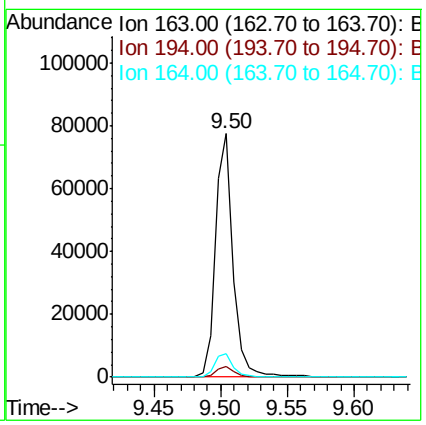

**Instrument :**
BNA_F
**ClientSampleId :**

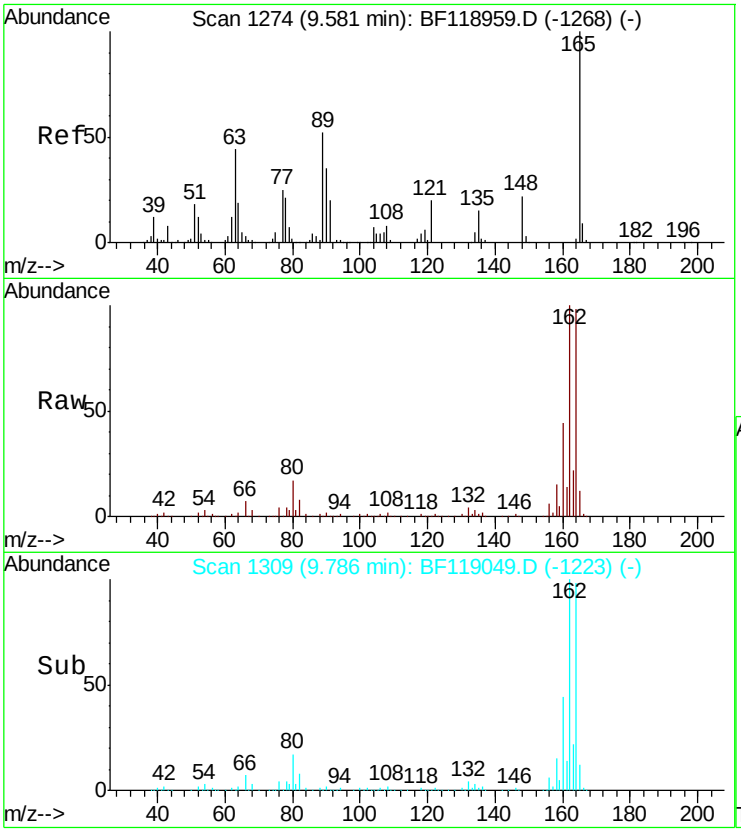



#50
Dimethylphthalate
Concen: 3.253 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:163 Resp: 71707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.4 | 5.2 |
| 164 | 9.5 | 8.2 | 12.2 |



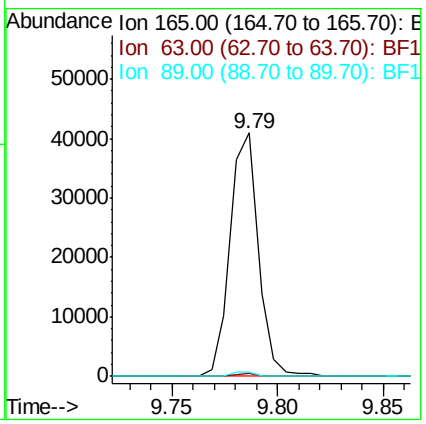


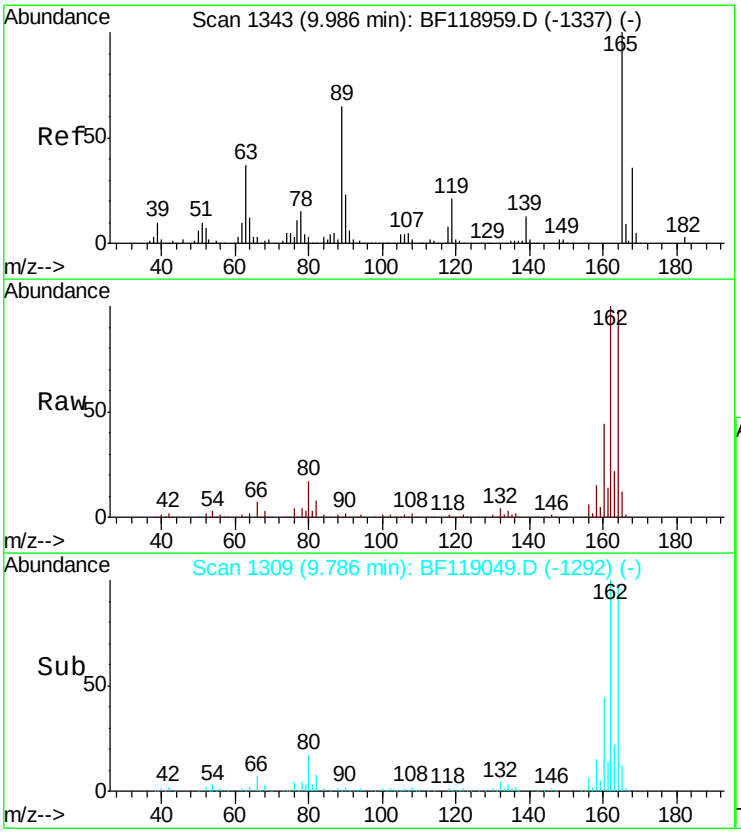

#51
2,6-Dinitrotoluene
Concen: 7.728 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:165 Resp: 37847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 37.9 | 56.9# |
| 89 | 1.8 | 41.4 | 62.0# |

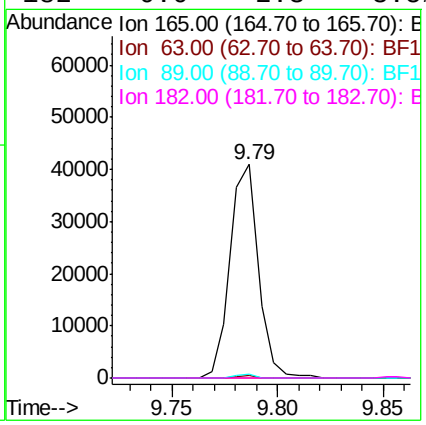


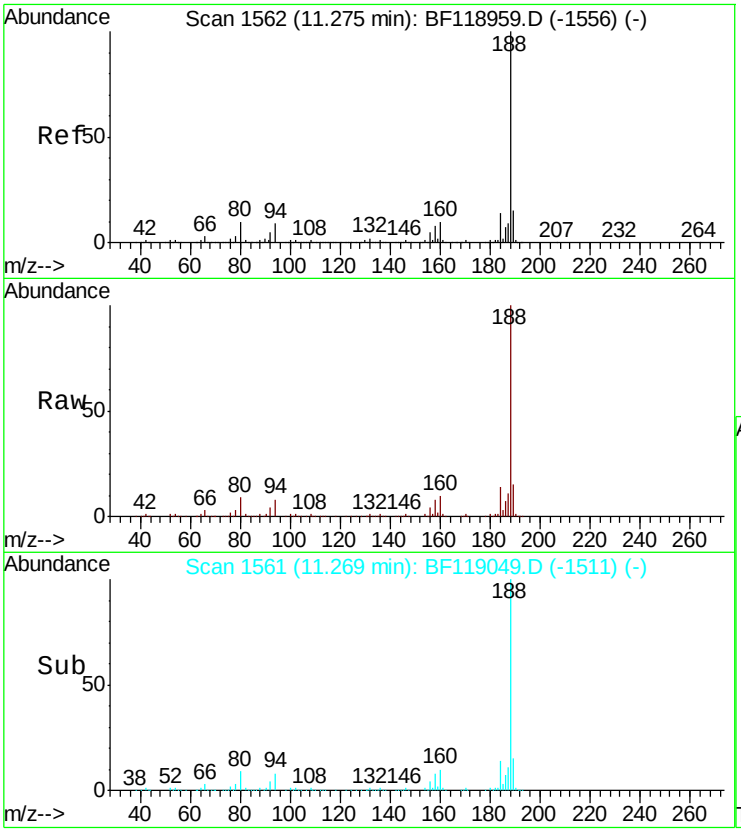




#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:165 Resp: 37847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 29.8 | 44.8# |
| 89 | 1.8 | 51.9 | 77.9# |
| 182 | 0.0 | 2.3 | 3.5# |



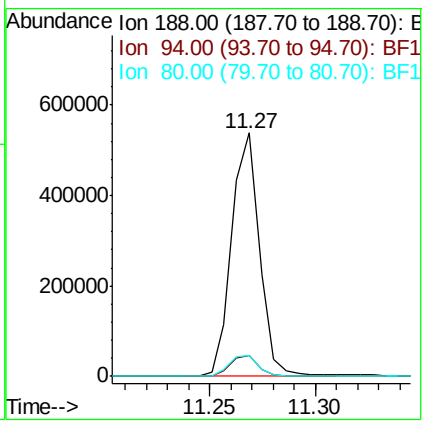


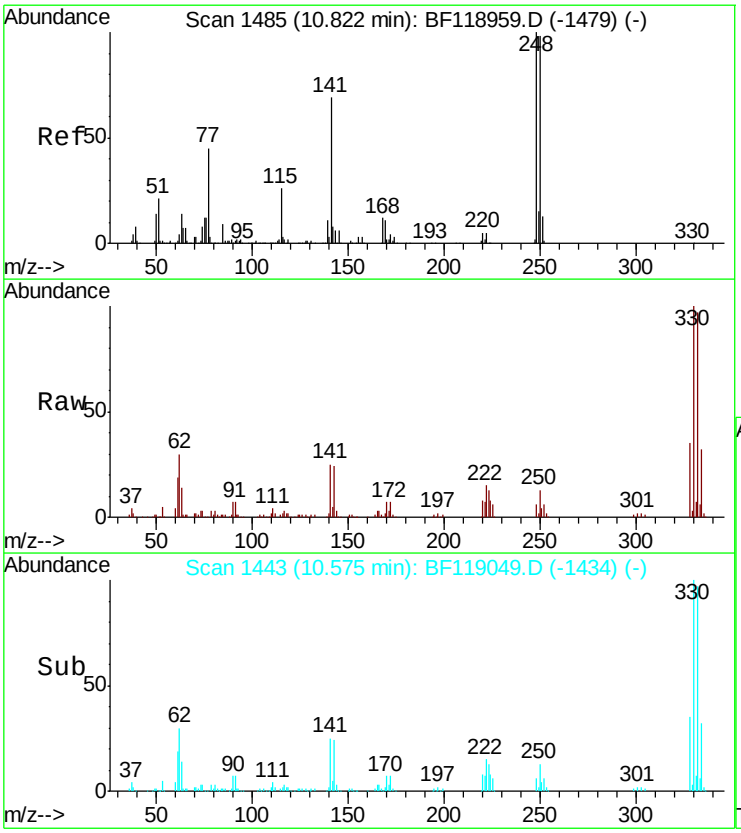

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:188 Resp: 489425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.0 | 10.6 |
| 80 | 8.8 | 7.9 | 11.9 |

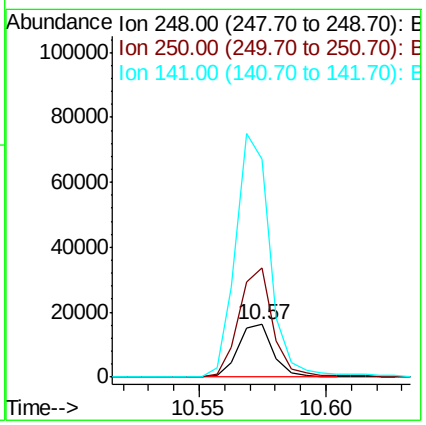


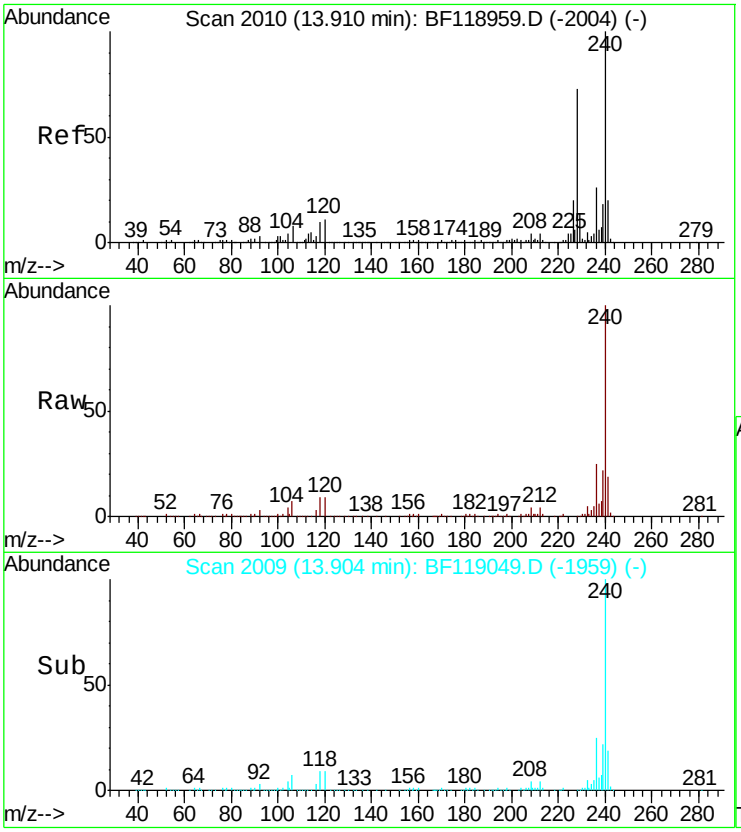




#67
4-Bromophenyl-phenylether
Concen: 2.410 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:248 Resp: 15416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 205.8 | 78.8 | 118.2# |
| 141 | 412.5 | 55.3 | 82.9# |



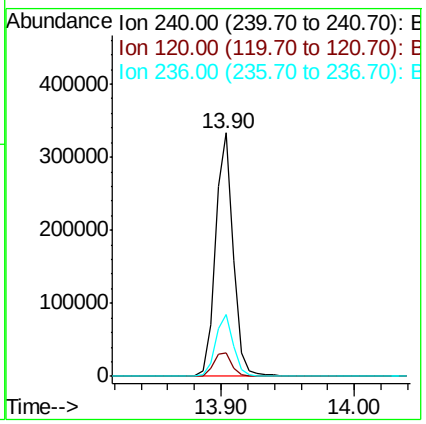


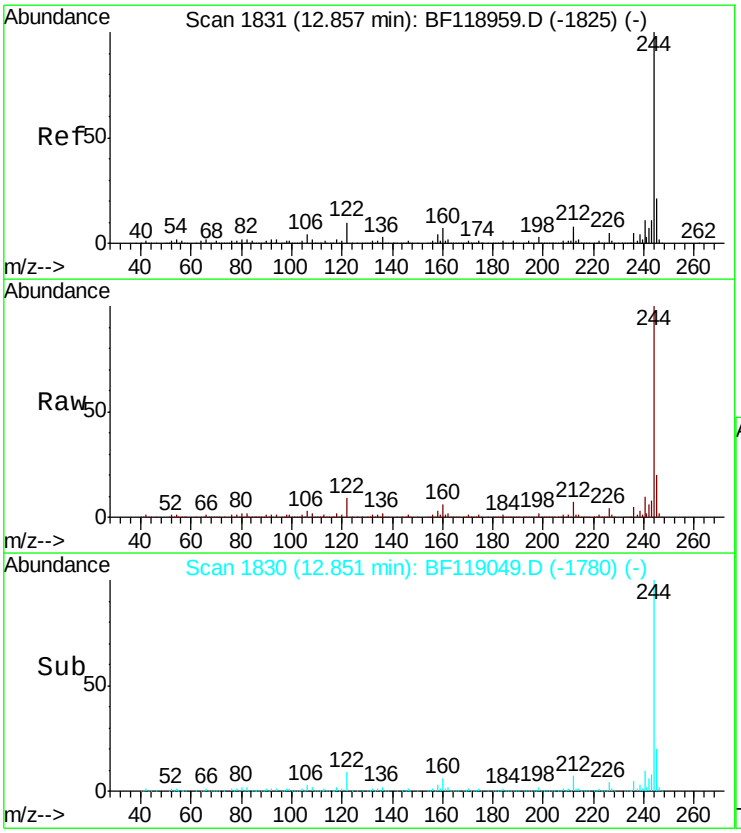

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:240 Resp: 310926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 8.9 | 13.3 |
| 236 | 25.4 | 20.6 | 30.8 |

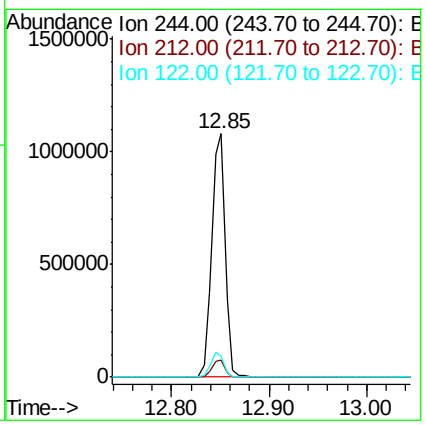


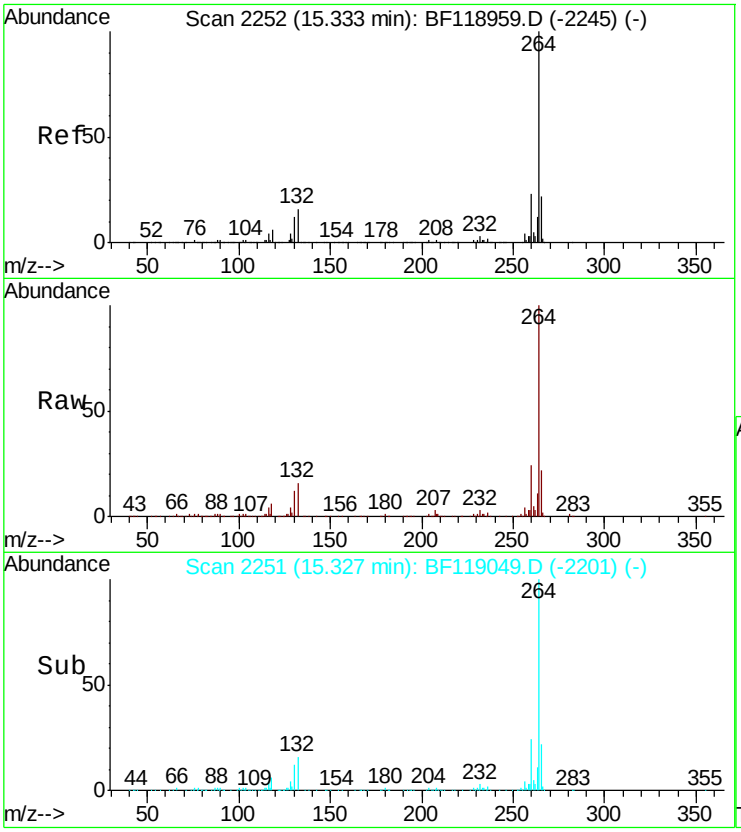




#79
Terphenyl-d14
Concen: 56.934 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

Tgt Ion:244 Resp: 1028208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 6.3 | 9.5 |
| 122 | 8.7 | 8.4 | 12.6 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119049.D
Acq: 25 Feb 2020 4:49

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

Tgt Ion:264 Resp: 347297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.6 | 28.0 |
| 265 | 21.6 | 17.3 | 25.9 |