Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119377.D
Acq On : 12 Mar 2020 12:52
Operator : CG/JU
Sample : L1874-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 13 01:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 104402 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 406326 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 253866 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.24 | 188 | 437746 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.89 | 240 | 336152 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.33 | 264 | 329167 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 0.00 | 112 | 0 | 0.00 | ng | | |
| 7) Phenol-d6 | 6.50 | 99 | 1543 | 0.20 | ng | | 0.12 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 574825 | 74.70 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng | | |
| 45) 2-Fluorobiphenyl | 9.08 | 172 | 1141693 | 66.25 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.83 | 244 | 1431239 | 73.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.32 | 42 | 8935 | 3.883 | ng | # | 1 |
| 15) Benzyl Alcohol | 6.88 | 79 | 250605 | 45.638 | ng | | 100 |
| 17) 2-Methylphenol | 6.88 | 107 | 130587 | 23.891 | ng | # | 16 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 82108 | 18.546 | ng | # | 76 |
| 20) 3+4-Methylphenols | 6.88 | 107 | 130586 | 19.500 | ng | # | 3 |
| 25) Isophorone | 7.55 | 82 | 41740 | 3.123 | ng | | 95 |
| 50) Dimethylphthalate | 9.49 | 163 | 92504 | 4.765 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.76 | 165 | 31842 | 5.696 | ng | # | 21 |

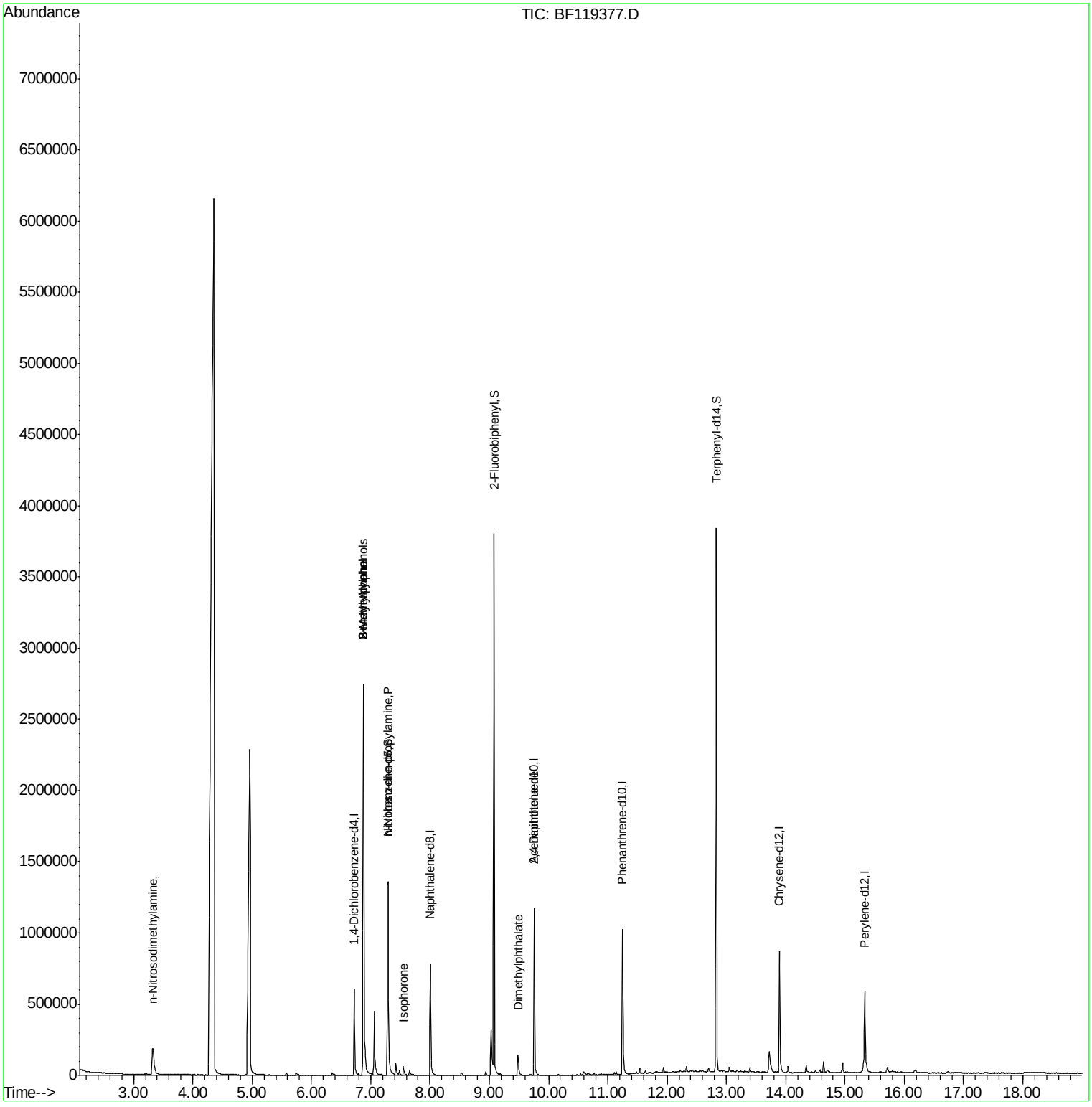
(#) = qualifier out of range (m) = manual integration (+) = signals summed

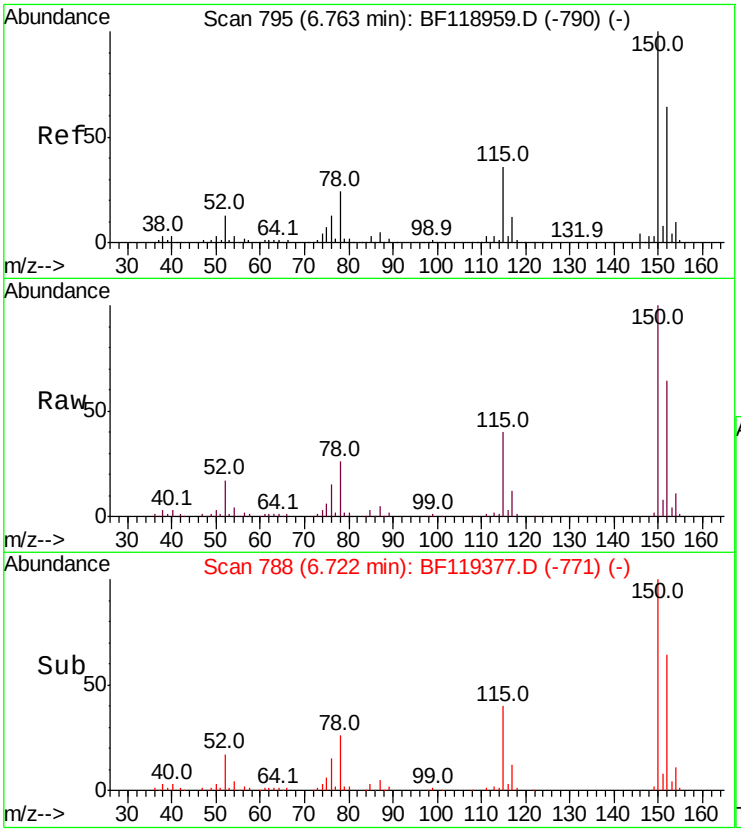
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119377.D
Acq On : 12 Mar 2020 12:52
Operator : CG/JU
Sample : L1874-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 13 01:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



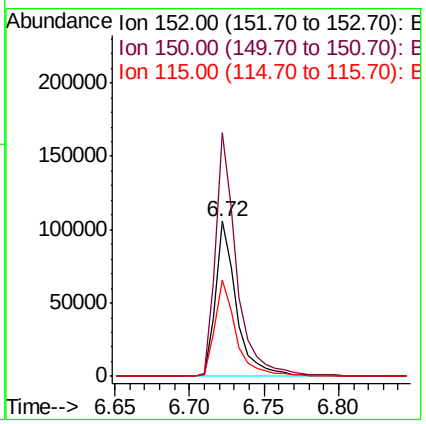


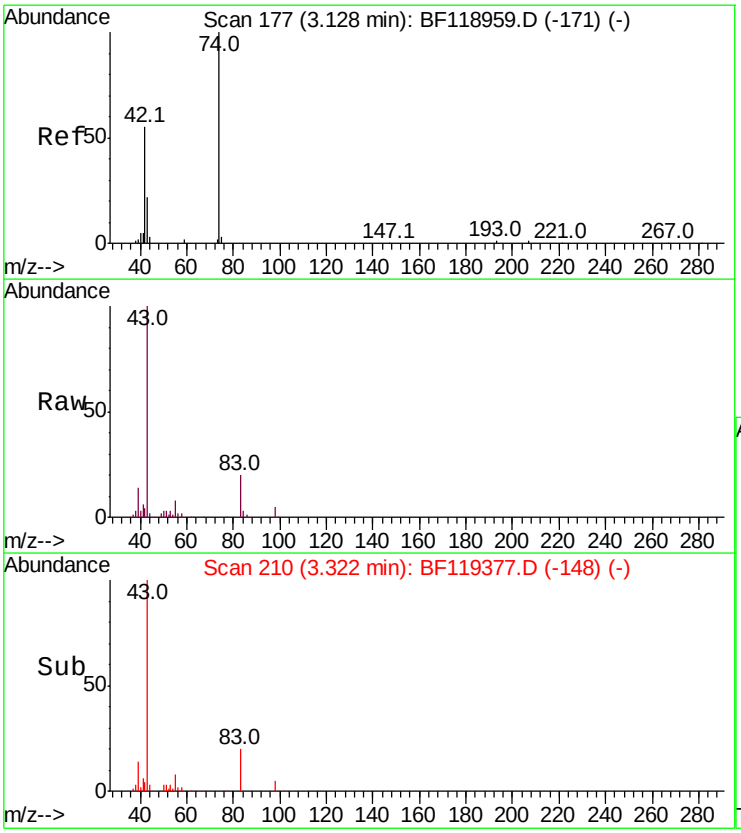

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion:152 Resp: 104402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 123.0 | 184.6 |
| 115 | 62.6 | 49.5 | 74.3 |

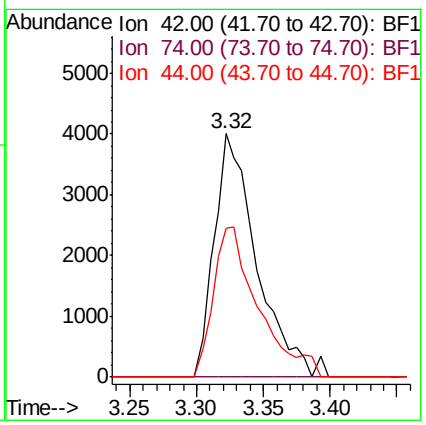


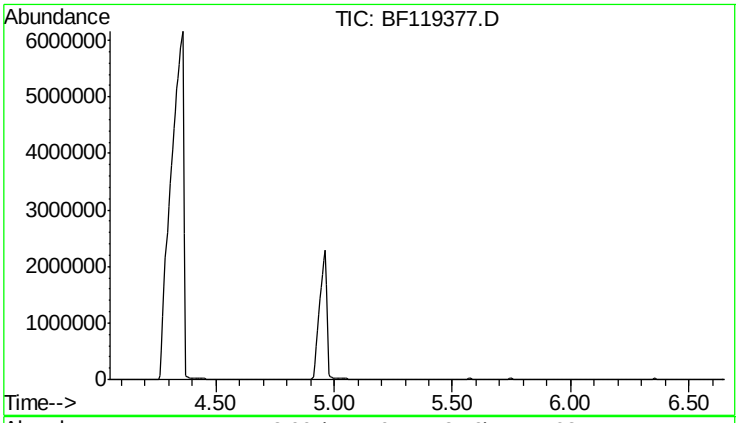




#4
n-Nitrosodimethylamine
Concen: 3.883 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.26 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion: 42 Resp: 8935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 137.7 | 206.5# |
| 44 | 60.9 | 4.5 | 6.7# |





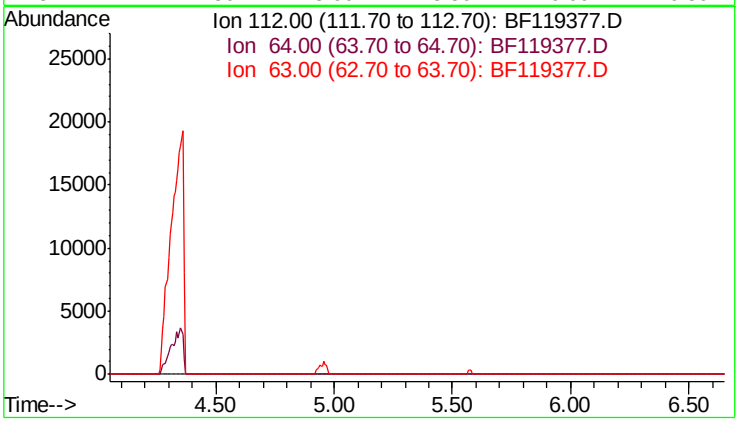

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.35 min

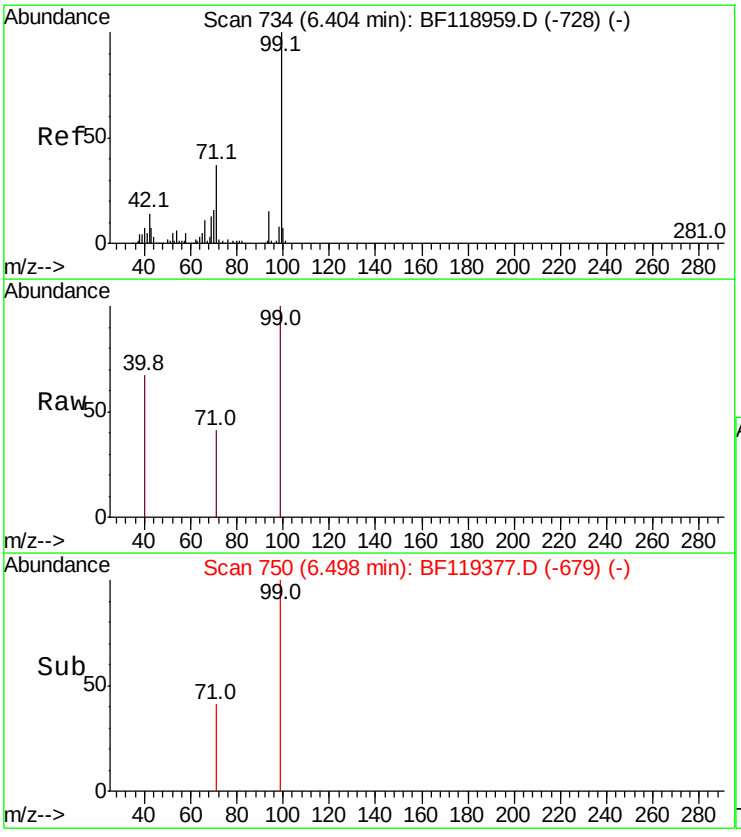
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 56.2 |
| 63 | 30.3 |

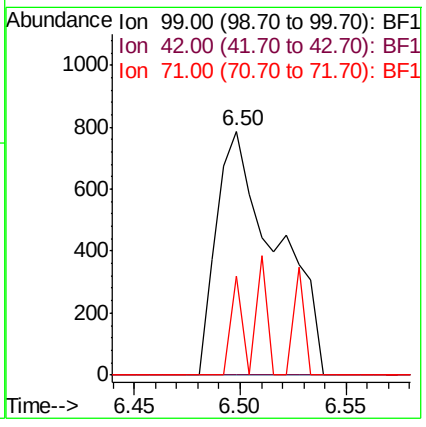


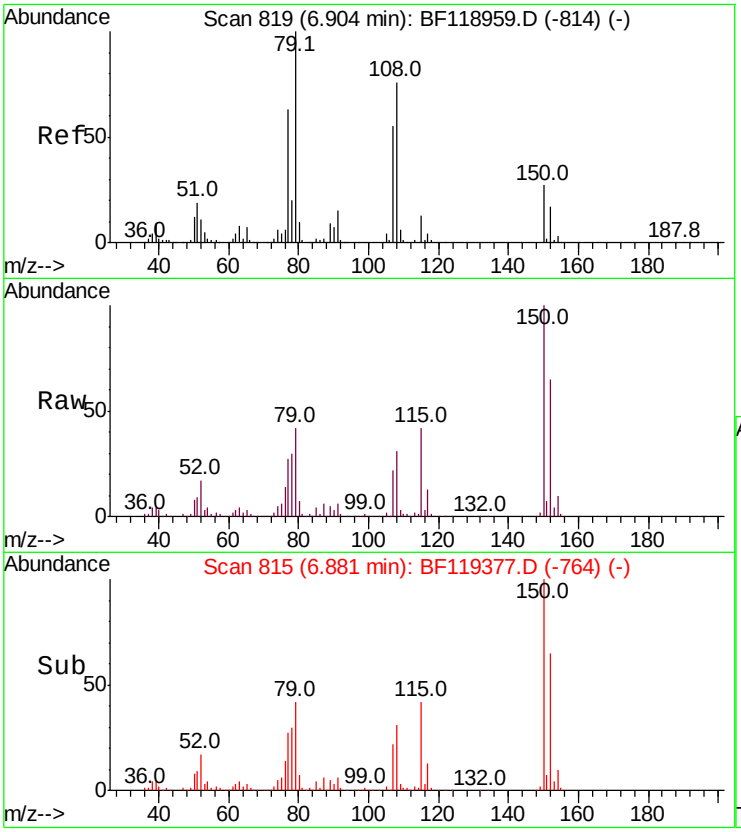




#7
Phenol-d6
Concen: 0.203 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.12 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion: 99 Resp: 1543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 12.6 | 18.8# |
| 71 | 40.7 | 31.0 | 46.4 |



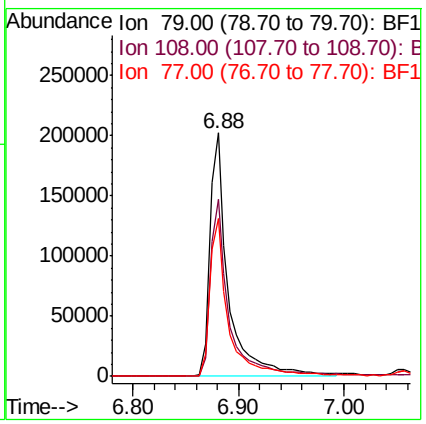


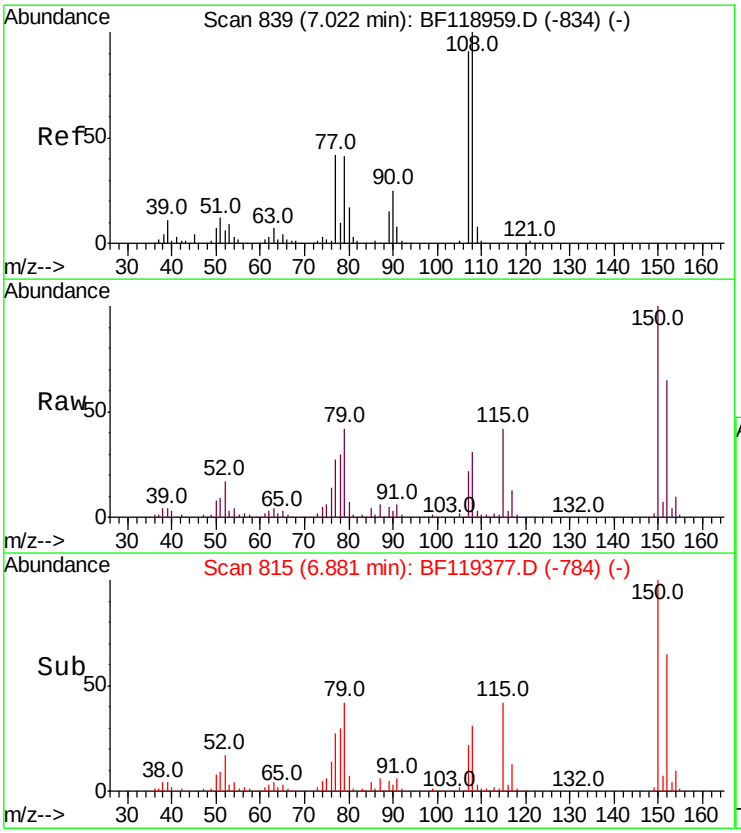

#15
Benzyl Alcohol
Concen: 45.638 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion: 79 Resp: 250605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.8 | 58.2 | 87.2 |
| 77 | 64.6 | 51.2 | 76.8 |

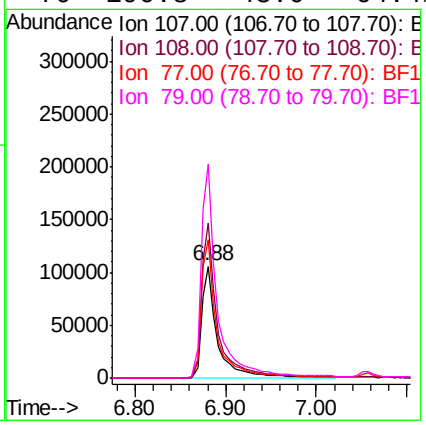


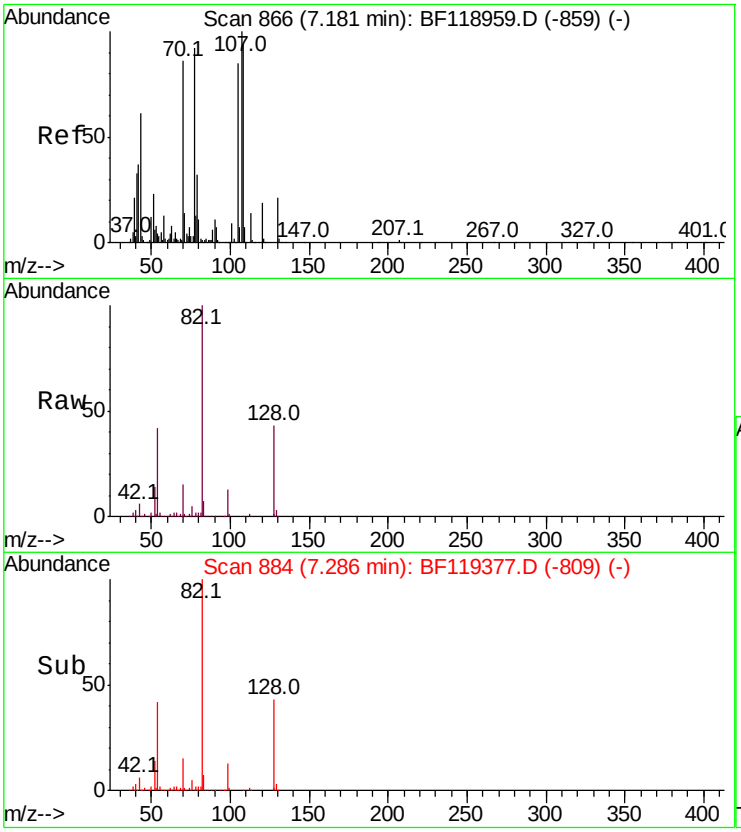




#17
2-Methylphenol
Concen: 23.891 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.12 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:107 Resp: 130587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 138.8 | 87.9 | 131.9# |
| 77 | 123.2 | 45.3 | 67.9# |
| 79 | 190.8 | 43.0 | 64.4# |



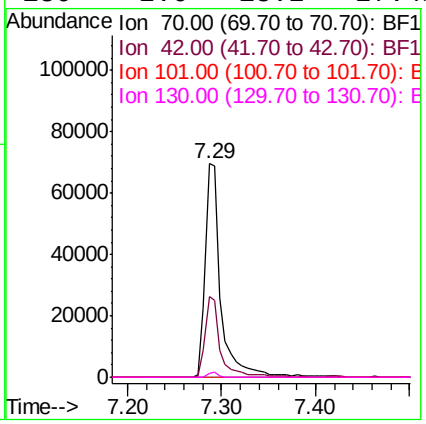


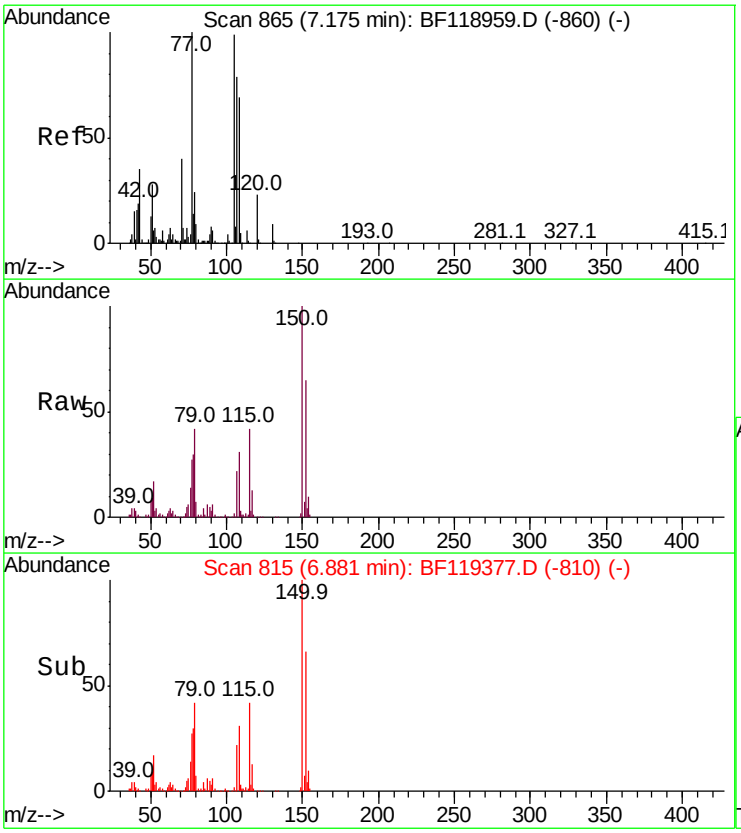

#19
n-Nitroso-di-n-propylamine
Concen: 18.546 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion: 70 Resp: 82108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 37.8 | 38.0 | 57.0# |
| 101 | 0.0 | 8.2 | 12.4# |
| 130 | 2.0 | 18.2 | 27.4# |

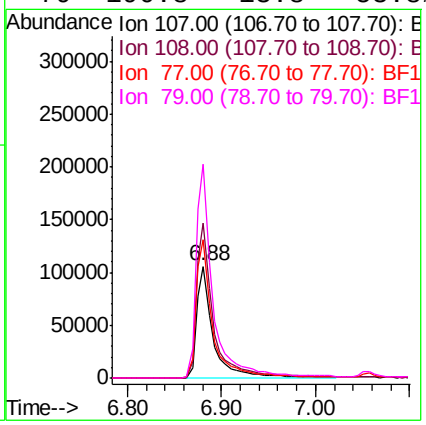


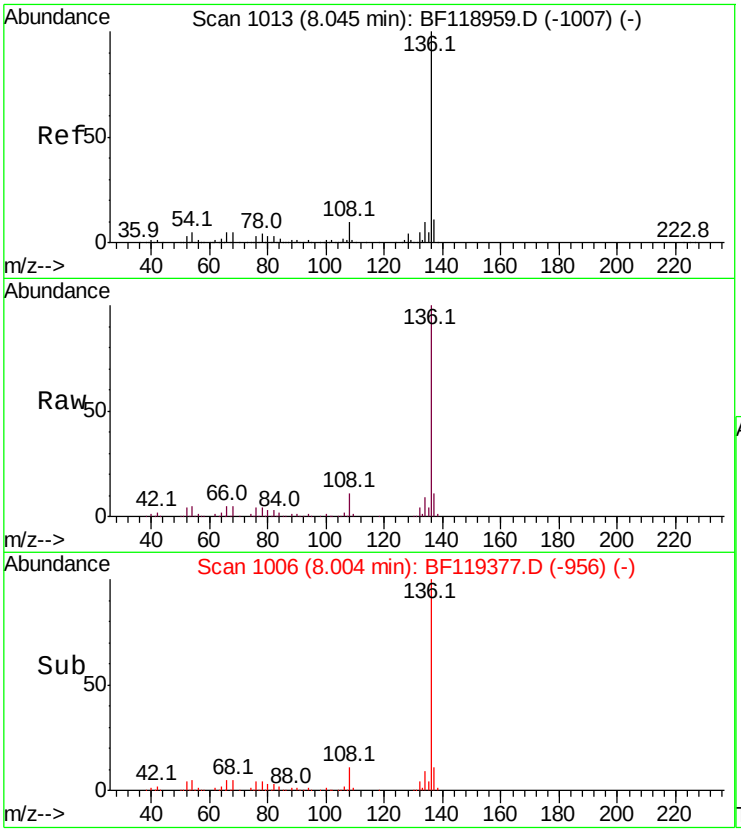




#20
3+4-Methylphenols
Concen: 19.500 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.27 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:107 Resp: 130586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 138.8 | 71.5 | 111.5# |
| 77 | 123.2 | 45.9 | 85.9# |
| 79 | 190.8 | 13.8 | 53.8# |



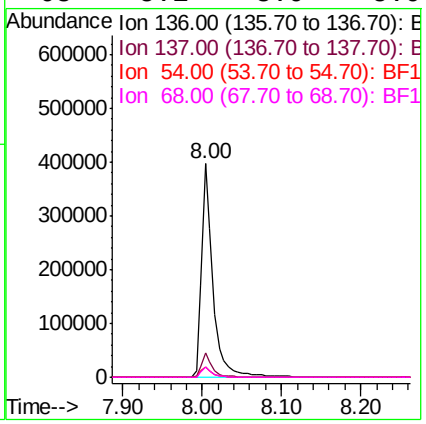


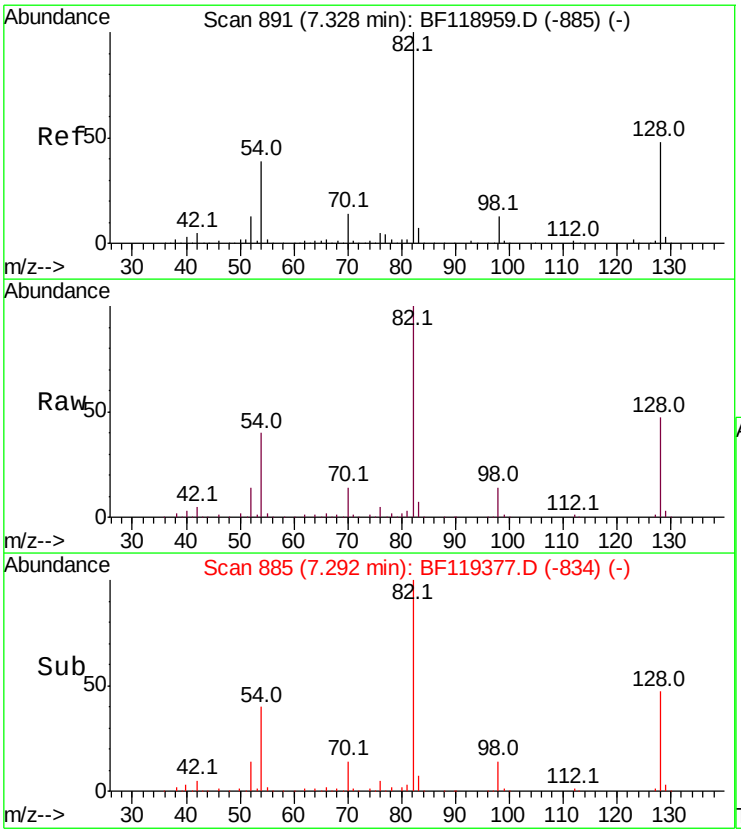

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion:136 Resp: 406326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 5.0 | 3.8 | 5.6 |
| 68 | 5.1 | 3.9 | 5.9 |

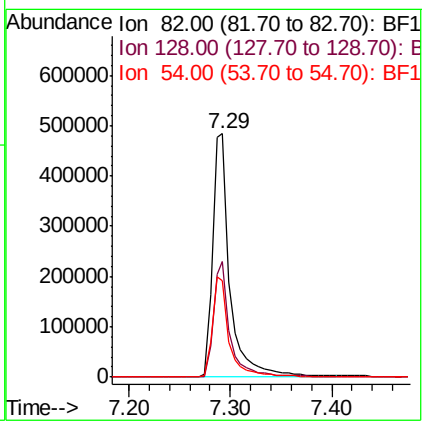


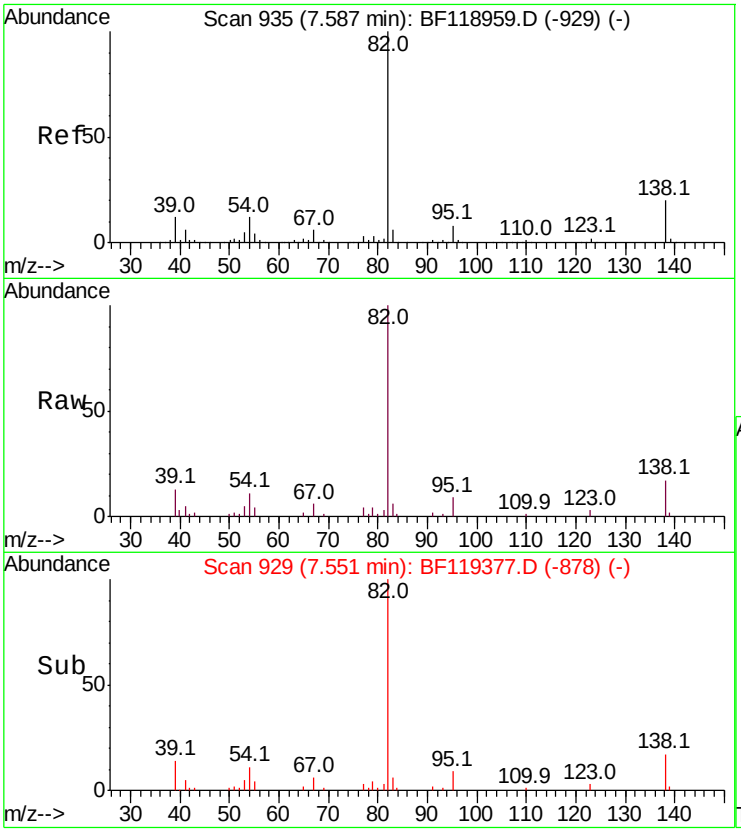




#23
Nitrobenzene-d5
Concen: 74.696 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion: 82 Resp: 574825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.4 | 37.9 | 56.9 |
| 54 | 39.5 | 33.4 | 50.2 |



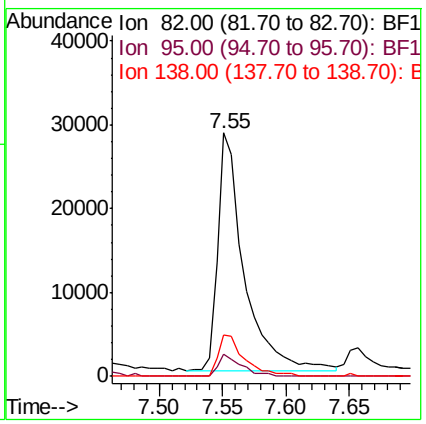


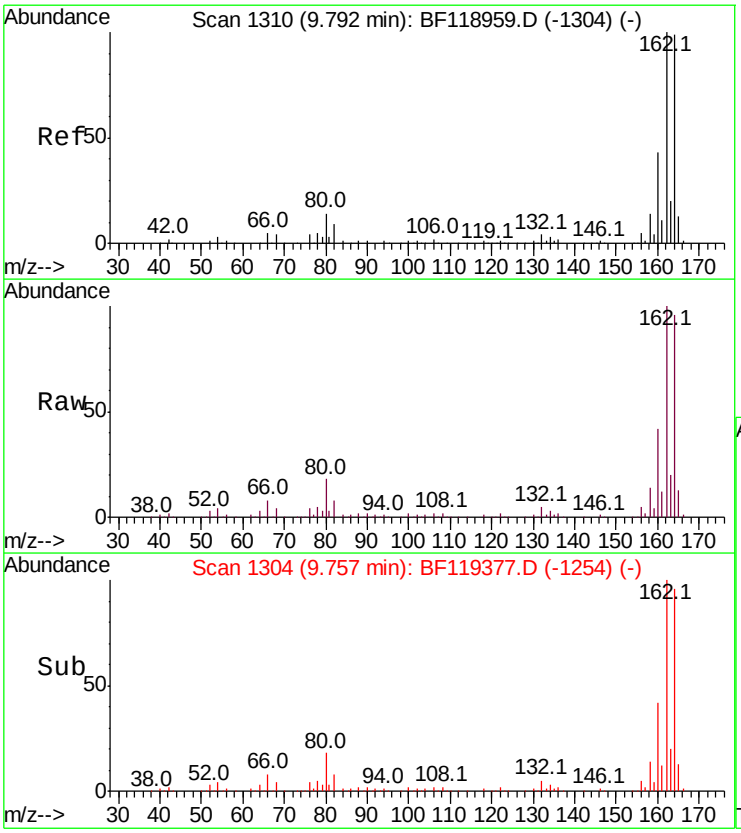

#25
Isophorone
Concen: 3.123 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion: 82 Resp: 41740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.9 | 6.4 | 9.6 |
| 138 | 17.1 | 15.7 | 23.5 |

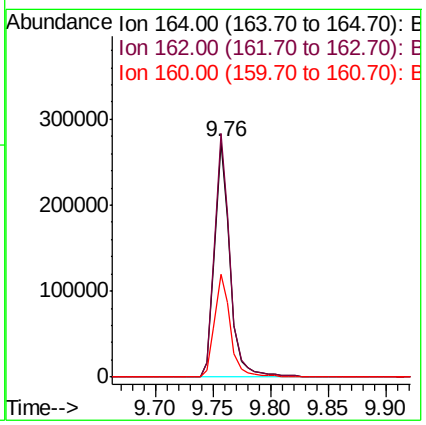


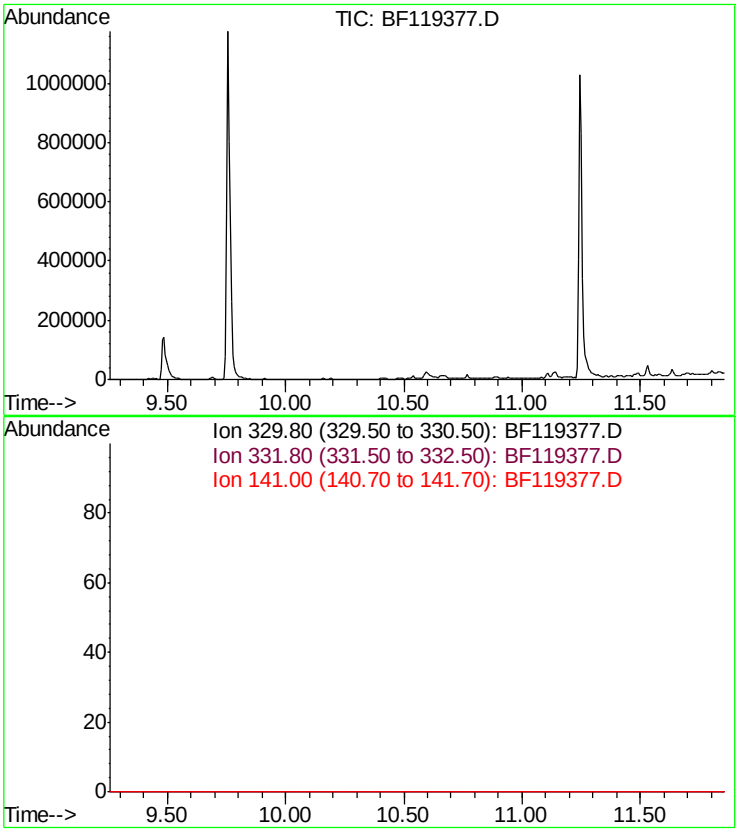




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:164 Resp: 253866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 81.8 | 122.8 |
| 160 | 43.6 | 36.0 | 54.0 |





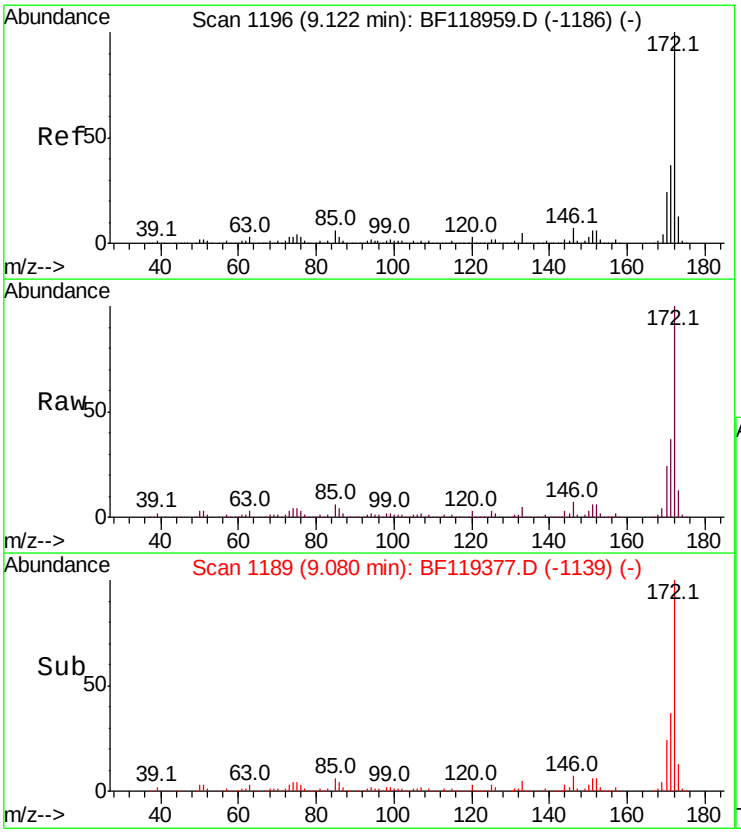

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.56 min

Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 95.0 |
| 141 | 28.6 |

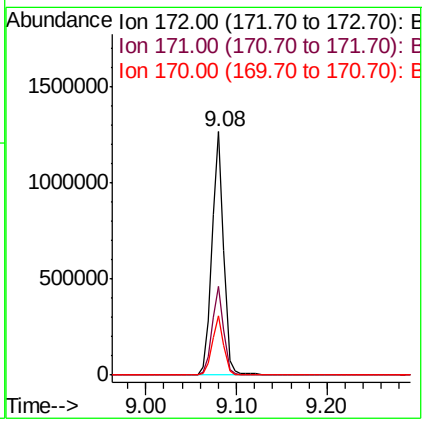
**Instrument :**
BNA_F
**ClientSampleId :**

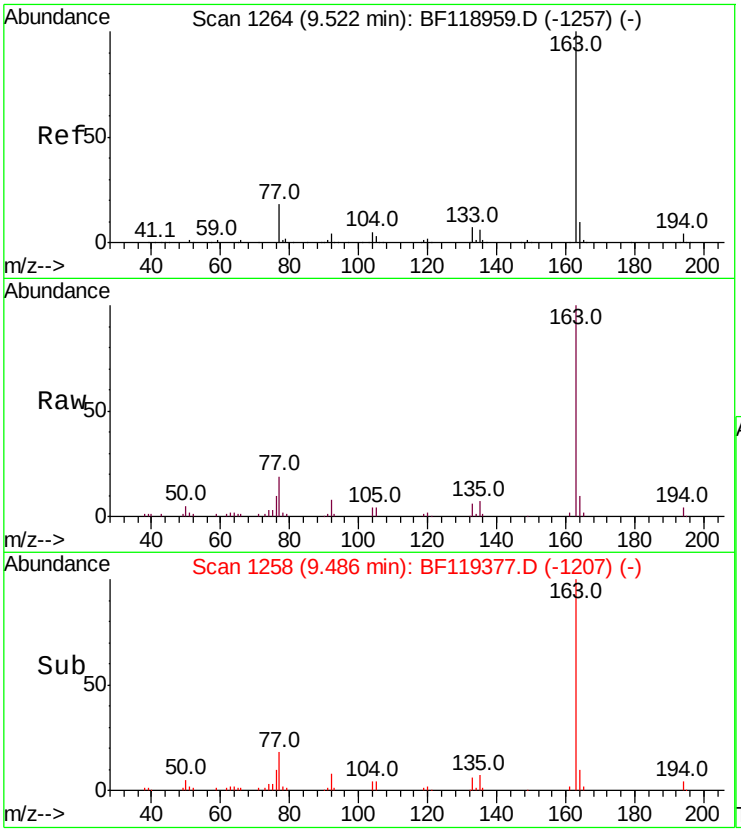



#45
2-Fluorobiphenyl
Concen: 66.252 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:172 Resp: 1141693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 30.6 | 45.8 |
| 170 | 24.1 | 20.2 | 30.2 |



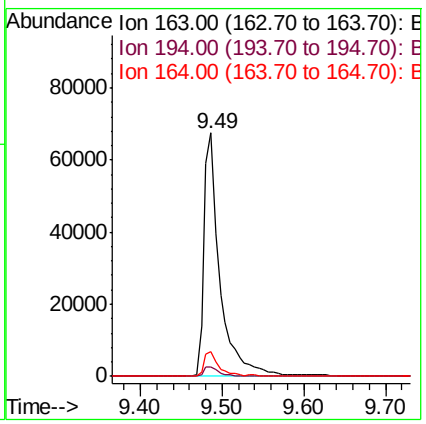


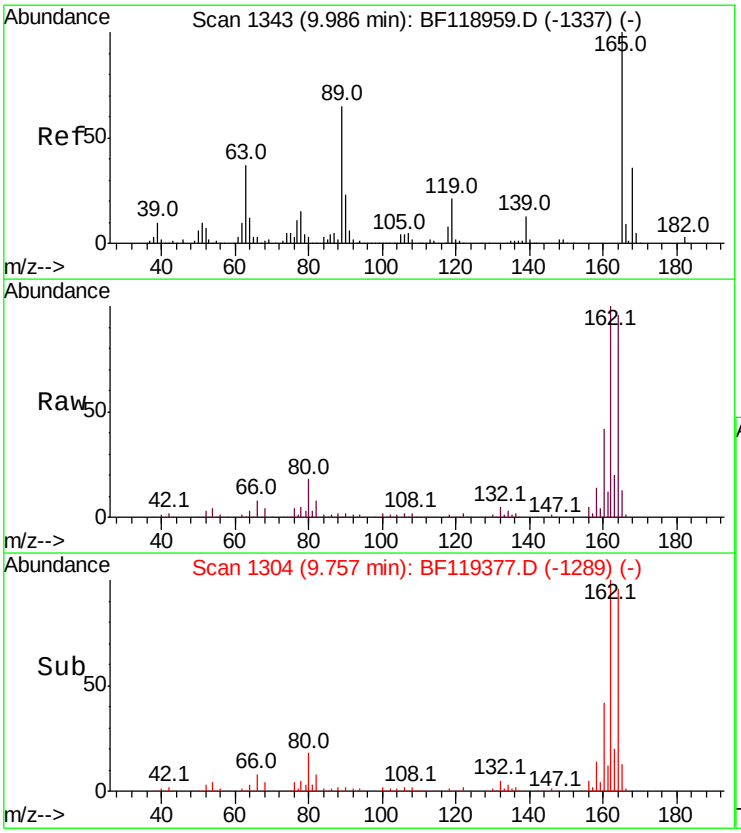

#50
Dimethylphthalate
Concen: 4.765 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion:163 Resp: 92504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.5 | 5.3 |
| 164 | 10.1 | 8.4 | 12.6 |

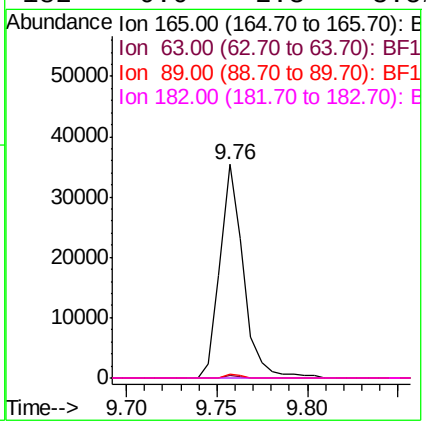


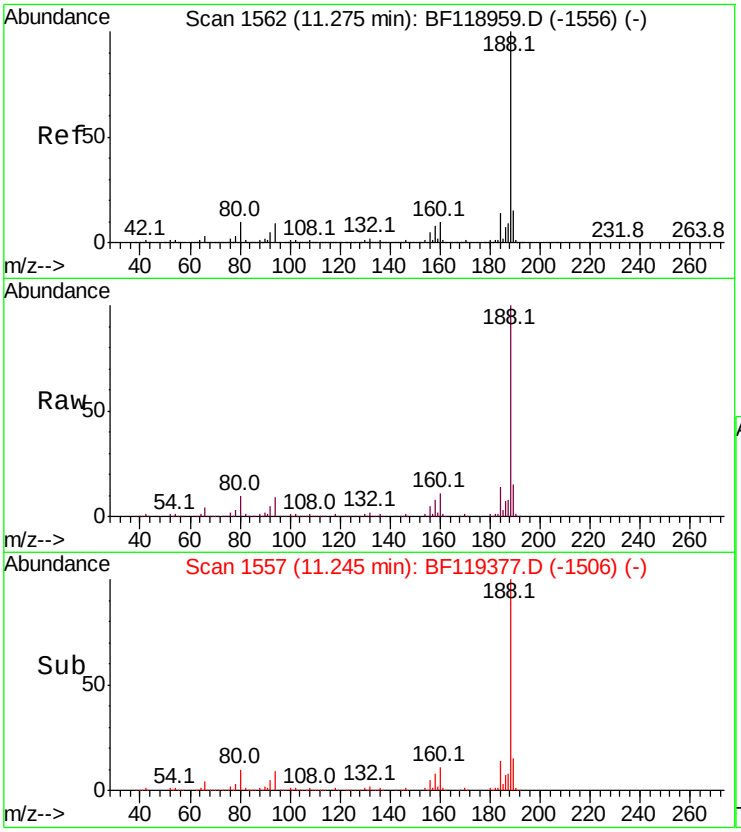




#57
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:165 Resp: 31842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 42.3 | 63.5# |
| 89 | 1.7 | 60.2 | 90.4# |
| 182 | 0.0 | 2.3 | 3.5# |



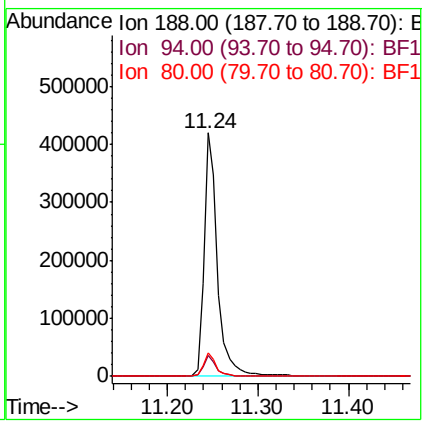


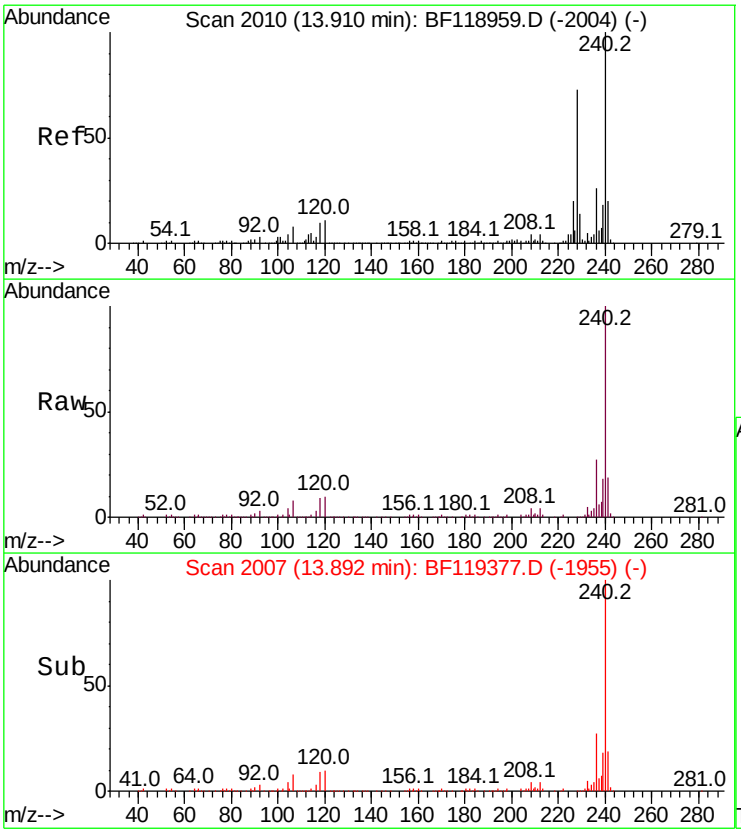

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion:188 Resp: 437746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.1 | 10.7 |
| 80 | 9.8 | 7.8 | 11.8 |

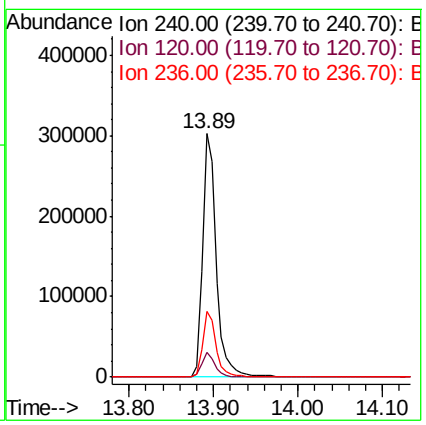


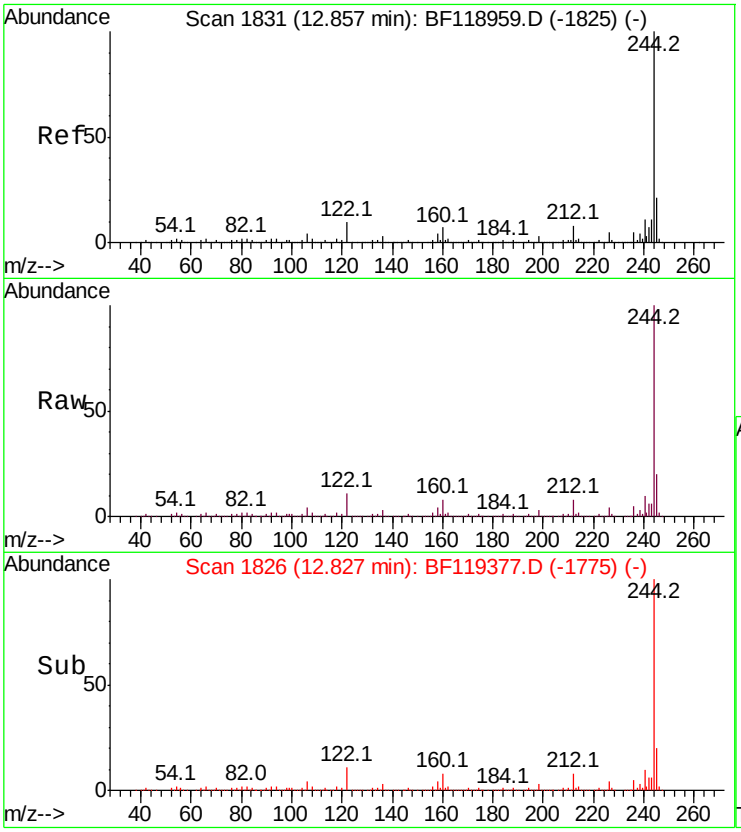




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:240 Resp: 336152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.4 | 12.6 |
| 236 | 26.7 | 21.0 | 31.4 |



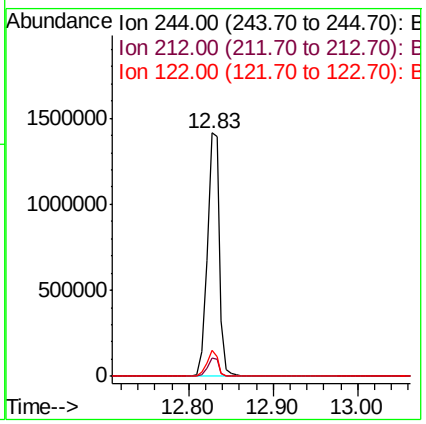


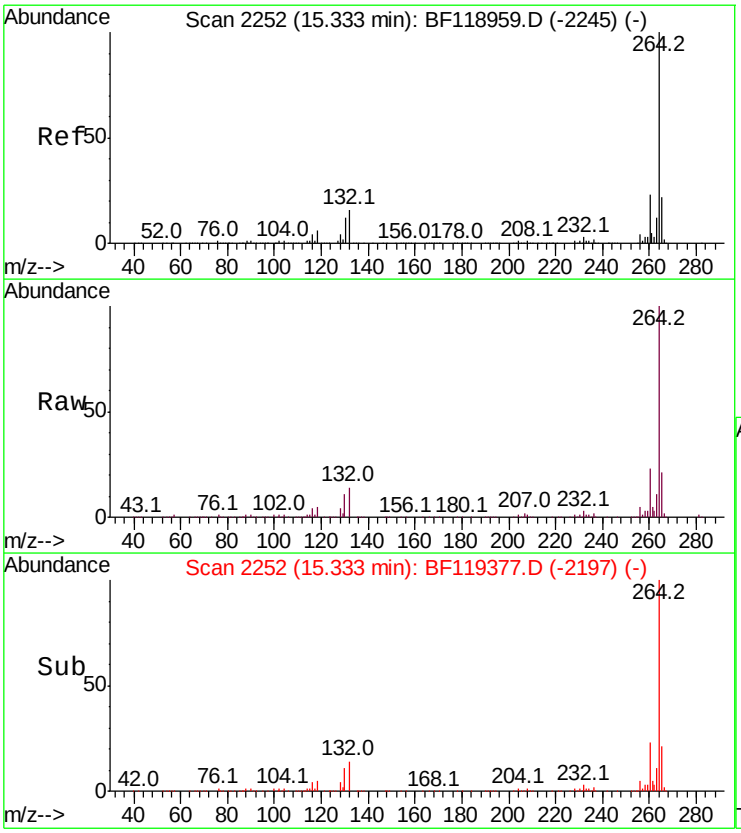

#79
Terphenyl-d14
Concen: 73.304 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

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

Tgt Ion:244 Resp: 1431239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.6 | 10.0 |
| 122 | 10.6 | 8.2 | 12.2 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119377.D
Acq: 12 Mar 2020 12:52

Tgt Ion:264 Resp: 329167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.4 | 29.2 |
| 265 | 20.8 | 17.7 | 26.5 |