Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119029.D
Acq On : 24 Feb 2020 19:03
Operator : CG/JU
Sample : L1650-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 25 00:26:03 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 | 154119 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.03 | 136 | 588973 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.79 | 164 | 317090 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.27 | 188 | 561520 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.90 | 240 | 406006 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.33 | 264 | 381319 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 951053 | 103.13 | ng | 0.00 |
| 7) Phenol-d6 | 6.40 | 99 | 1138345 | 101.49 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 748158 | 67.07 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 399129 | 96.22 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.11 | 172 | 1410251 | 65.52 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.85 | 244 | 1524272 | 64.64 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70 | 102623 | 15.702 | ng | # 77 |
| 25) Isophorone | 7.32 | 82 | 748228 | 38.623 | ng | # 63 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 41466 | 7.697 | ng | # 30 |
| 67) 4-Bromophenyl-phenylether | 10.57 | 248 | 27184 | 3.704 | ng | # 1 |

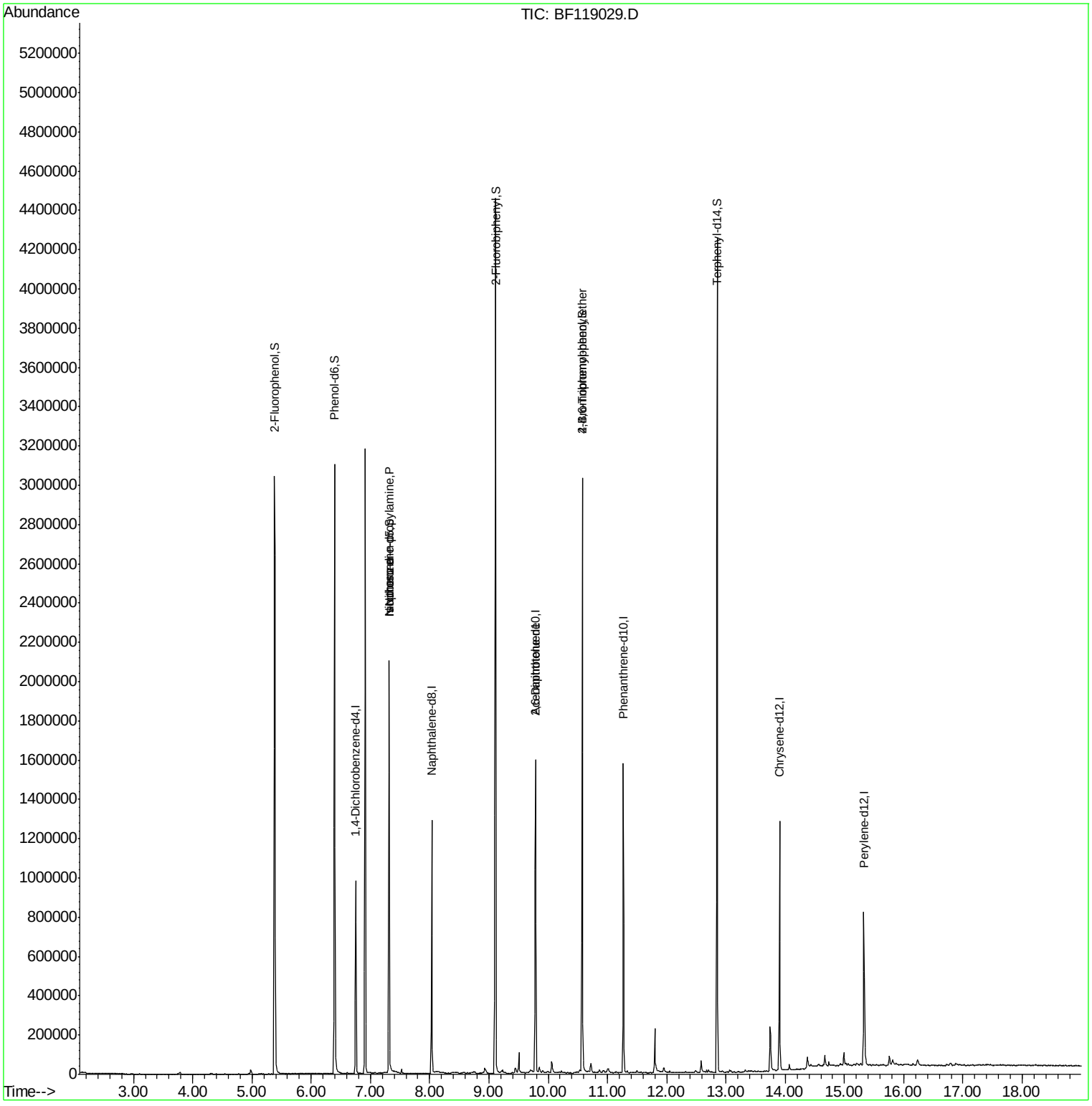
(#) = qualifier out of range (m) = manual integration (+) = signals summed

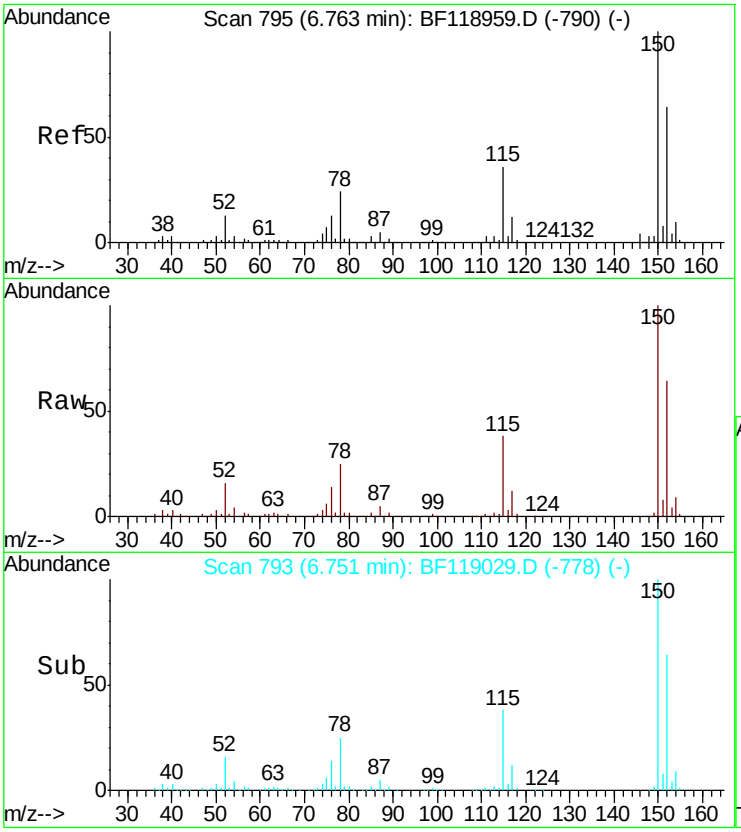
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119029.D
Acq On : 24 Feb 2020 19:03
Operator : CG/JU
Sample : L1650-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 25 00:26:03 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



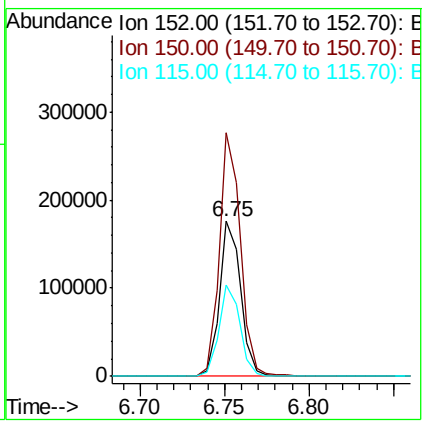


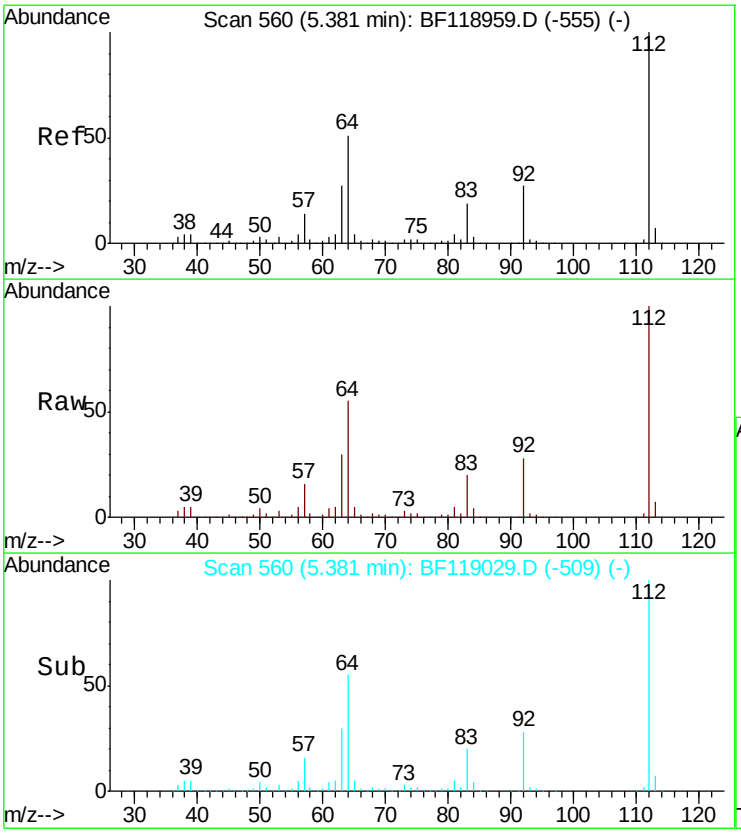

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:152 Resp: 154119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 124.3 | 186.5 |
| 115 | 59.2 | 44.6 | 67.0 |

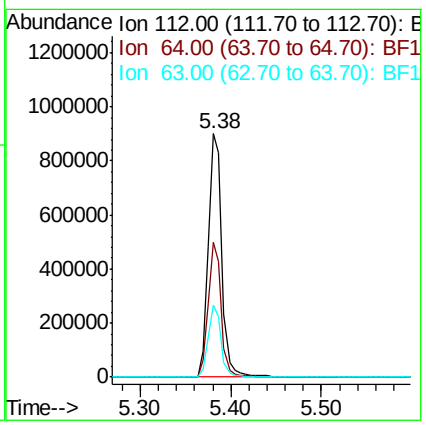


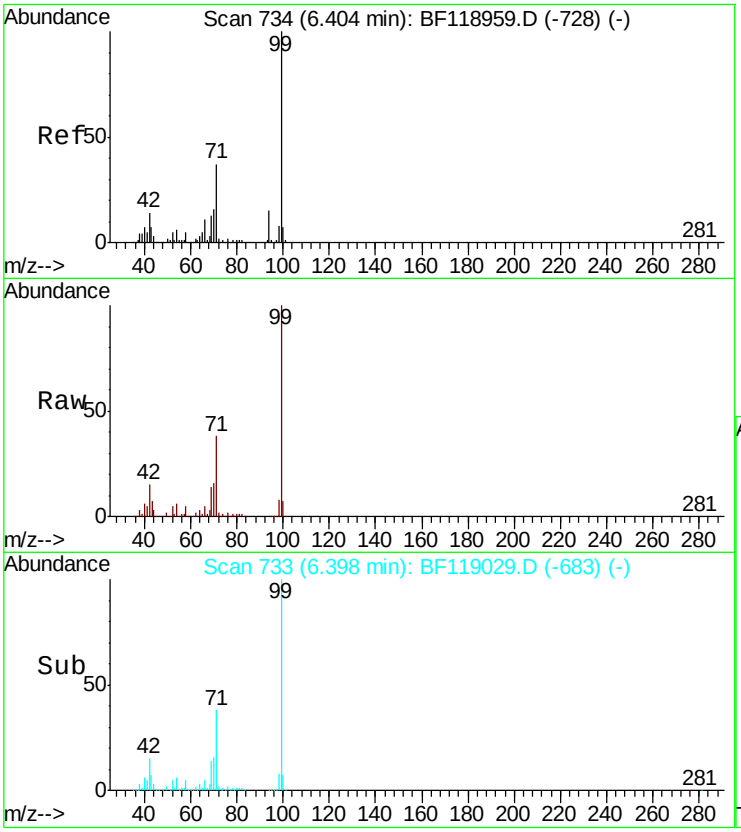




#5
2-Fluorophenol
Concen: 103.127 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:112 Resp: 951053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.3 | 40.4 | 60.6 |
| 63 | 29.7 | 21.3 | 31.9 |



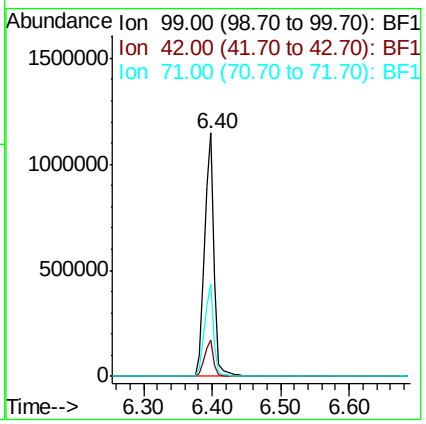


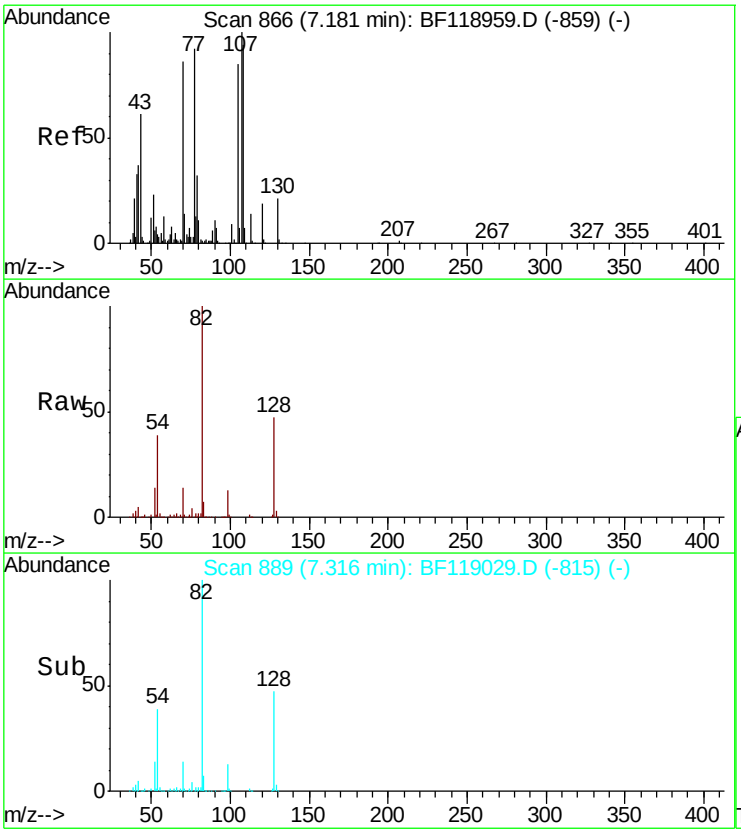

#7
Phenol-d6
Concen: 101.494 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion: 99 Resp: 1138345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.9 | 11.4 | 17.0 |
| 71 | 37.8 | 29.8 | 44.6 |

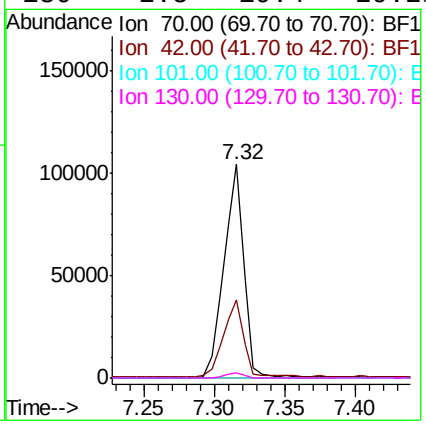


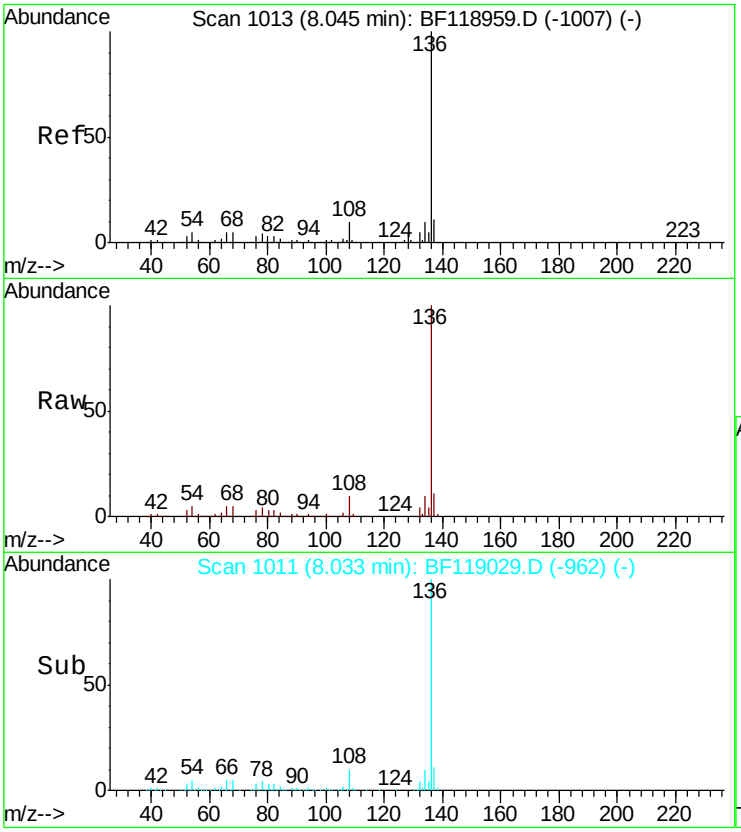




#19
n-Nitroso-di-n-propylamine
Concen: 15.702 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion: 70 Resp: 102623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 36.8 | 34.6 | 51.8 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 2.5 | 19.4 | 29.2# |



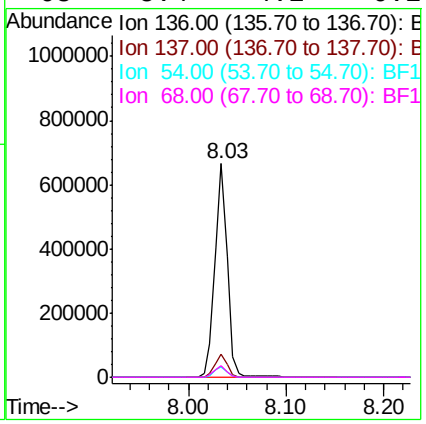


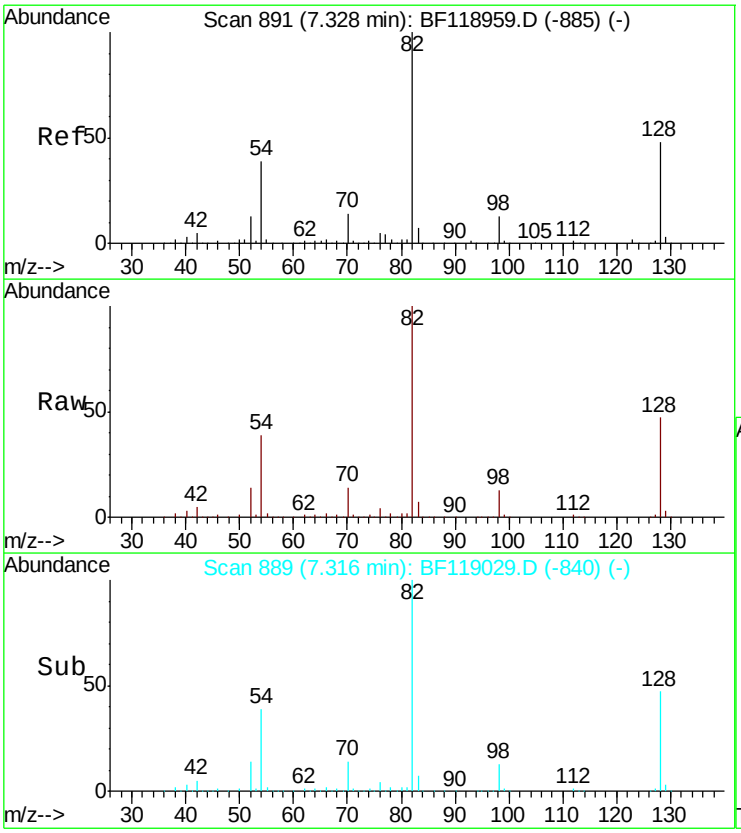

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:136 Resp: 588973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 4.8 | 3.8 | 5.6 |
| 68 | 5.4 | 4.2 | 6.2 |

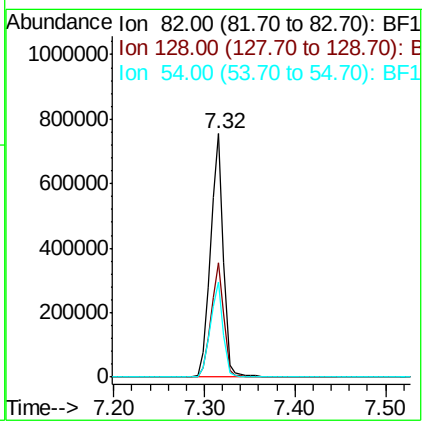


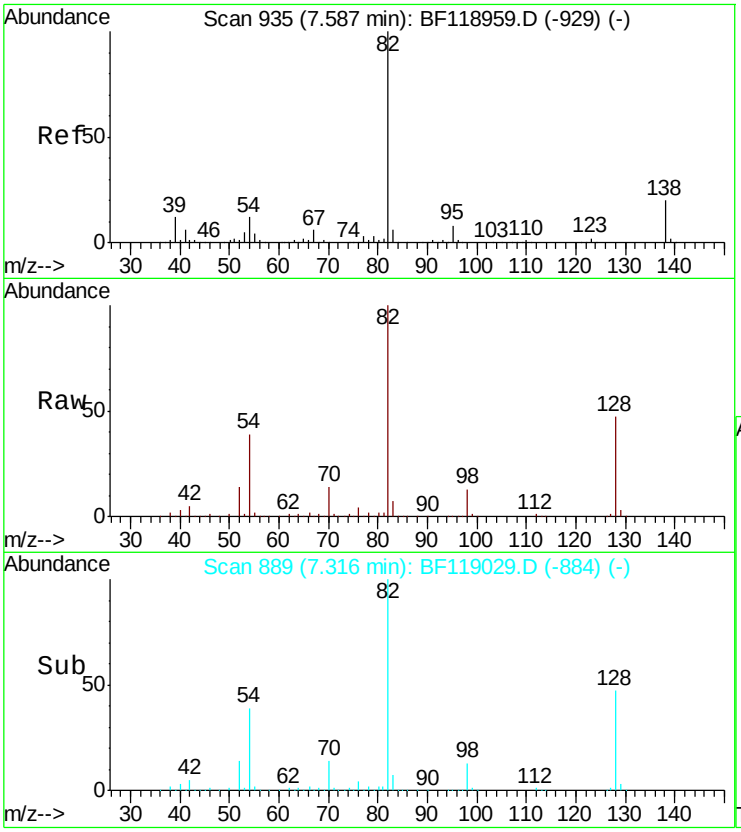




#23
Nitrobenzene-d5
Concen: 67.071 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion: 82 Resp: 748158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 38.2 | 57.2 |
| 54 | 39.3 | 31.3 | 46.9 |



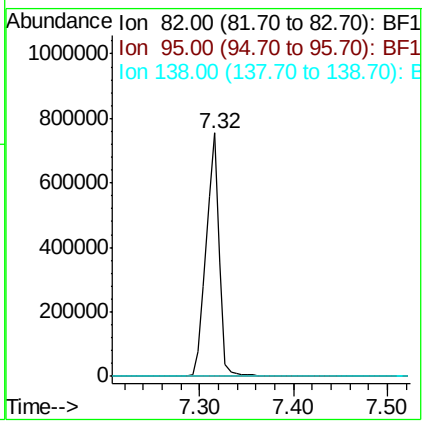


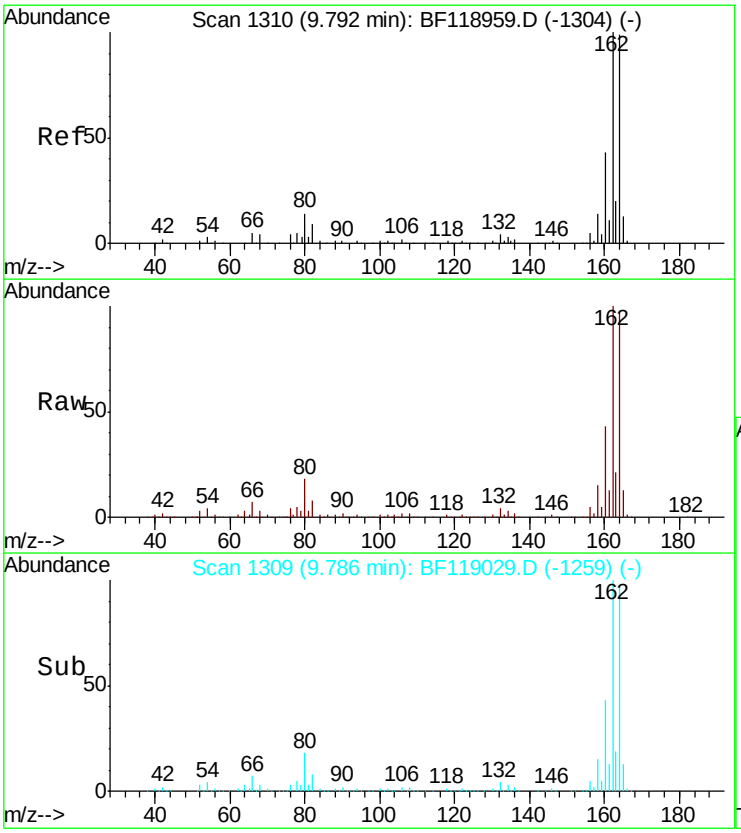

#25
Isophorone
Concen: 38.623 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion: 82 Resp: 748228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.1 | 6.1 | 9.1# |
| 138 | 0.0 | 15.8 | 23.6# |

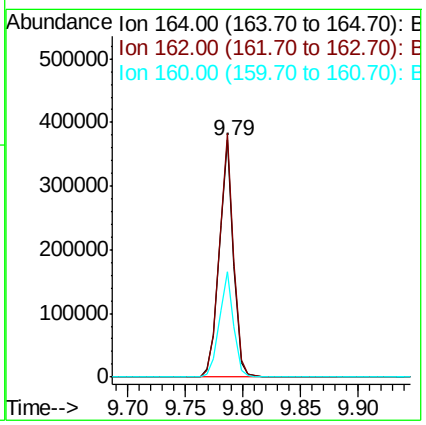


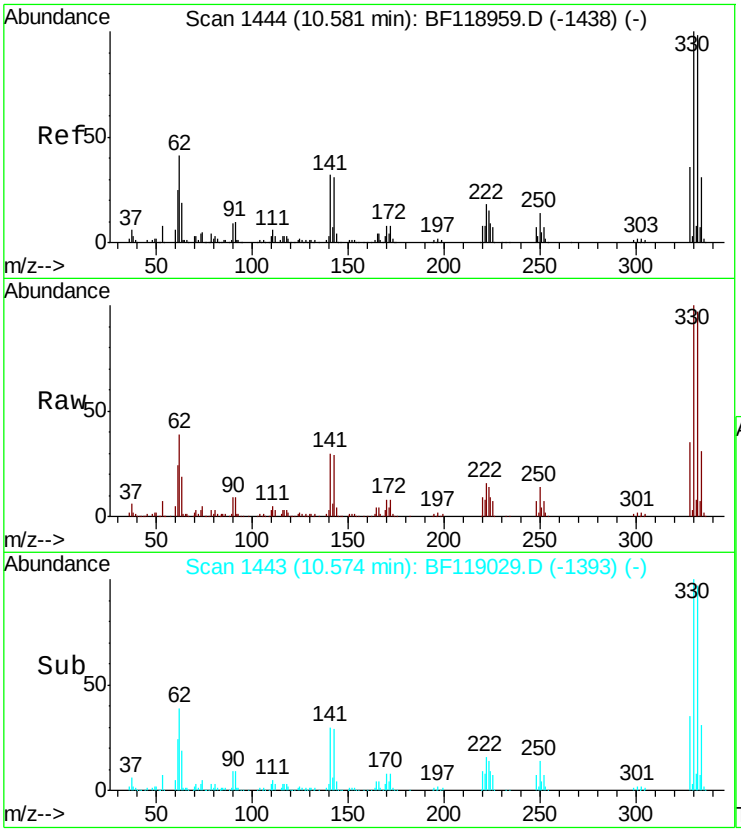




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:164 Resp: 317090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 81.2 | 121.8 |
| 160 | 44.7 | 35.2 | 52.8 |



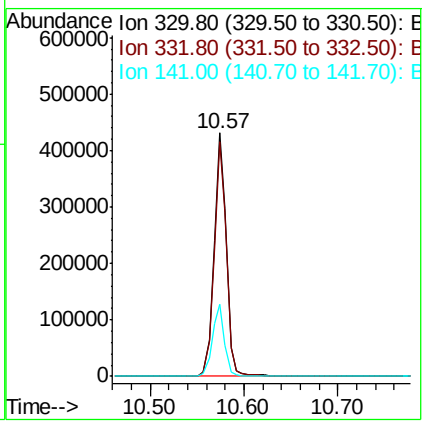


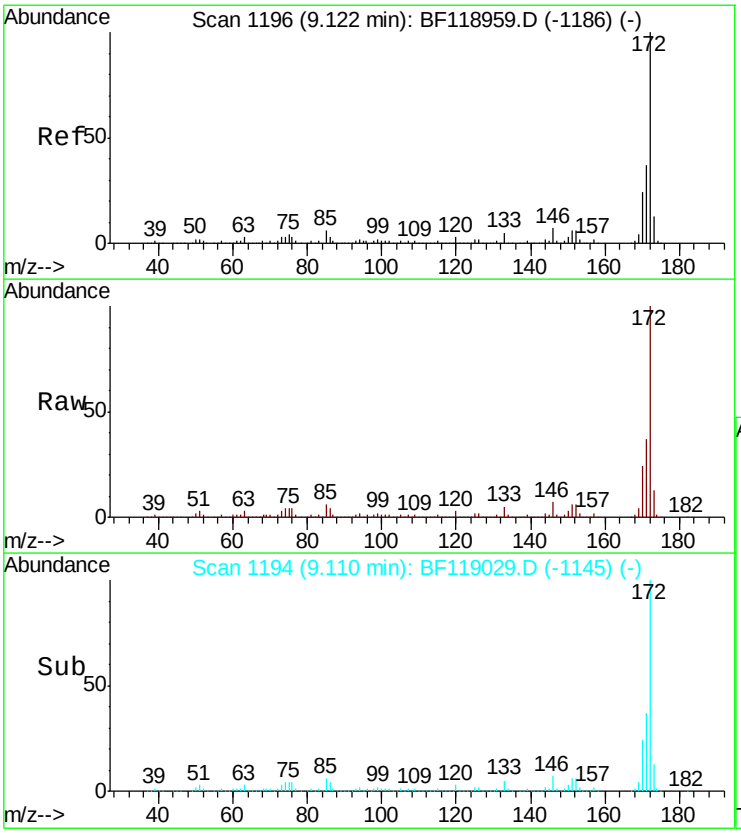

#42
2,4,6-Tribromophenol
Concen: 96.220 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:330 Resp: 399129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.1 | 115.7 |
| 141 | 29.4 | 23.0 | 34.6 |

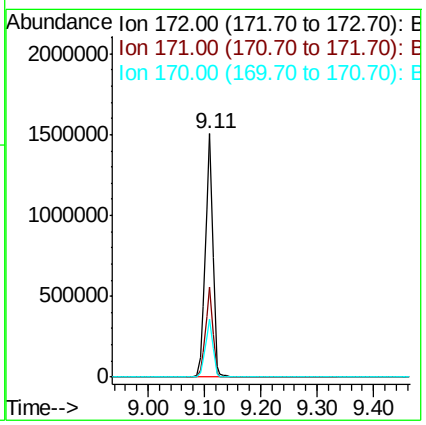


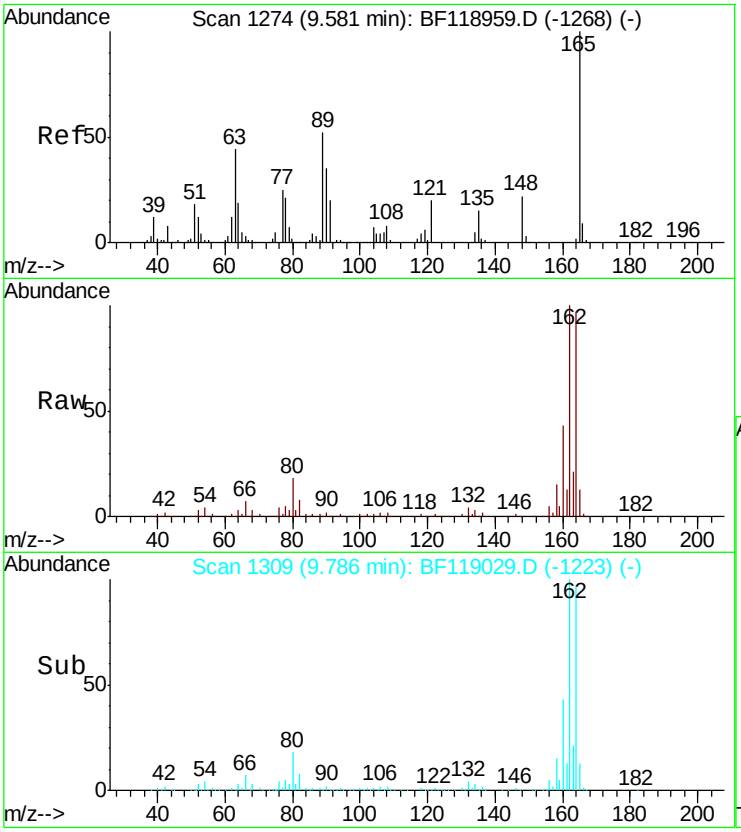




#45
2-Fluorobiphenyl
Concen: 65.519 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:172 Resp: 1410251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 29.4 | 44.2 |
| 170 | 24.0 | 19.6 | 29.4 |



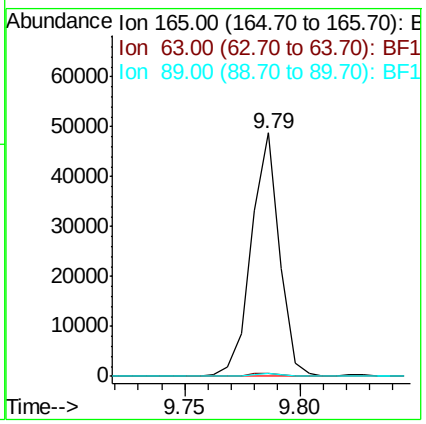


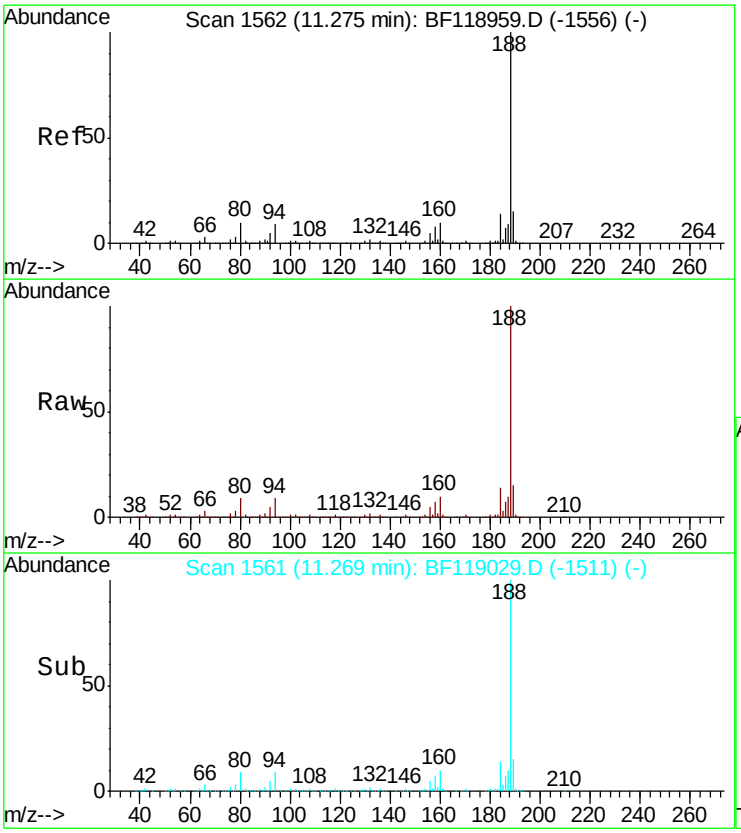

#51
2,6-Dinitrotoluene
Concen: 7.697 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:165 Resp: 41466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.4 | 37.9 | 56.9# |
| 89 | 1.3 | 41.4 | 62.0# |

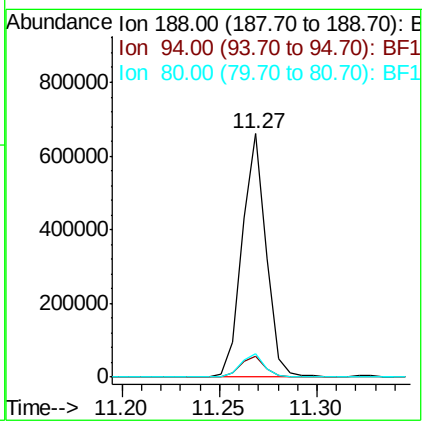


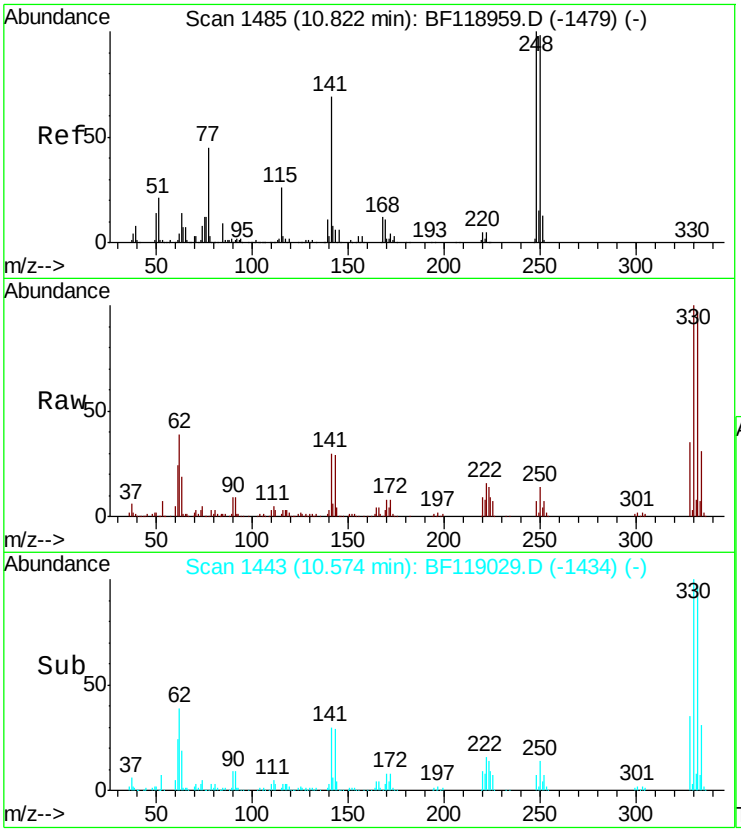




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:188 Resp: 561520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 7.0 | 10.6 |
| 80 | 9.4 | 7.9 | 11.9 |



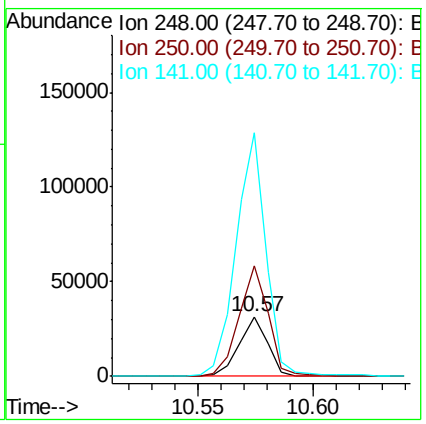


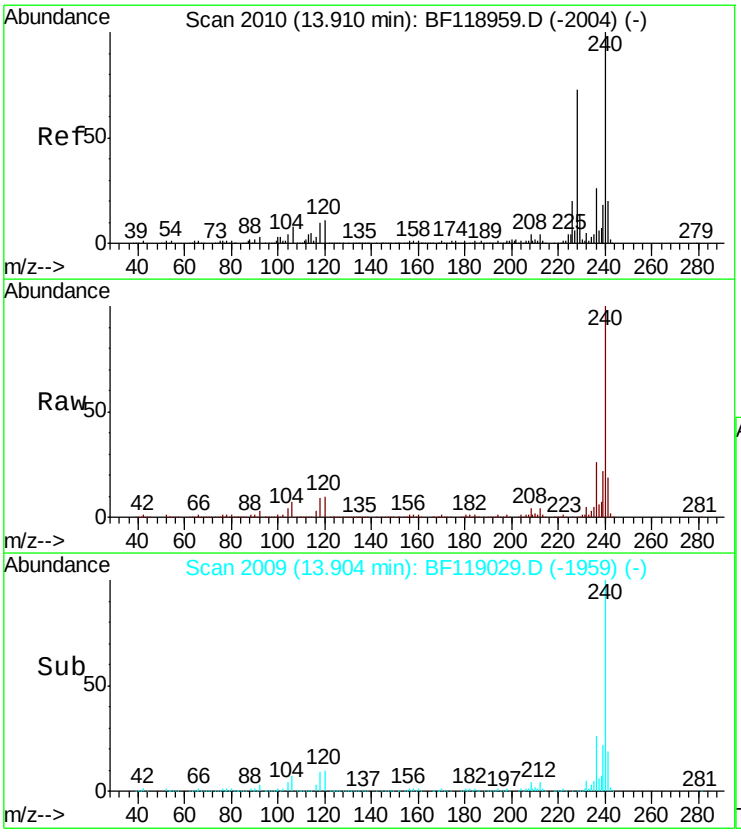

#67
4-Bromophenyl-phenylether
Concen: 3.704 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:248 Resp: 27184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 187.1 | 78.8 | 118.2# |
| 141 | 410.0 | 55.3 | 82.9# |

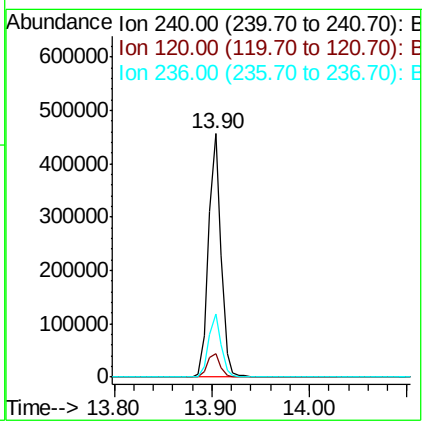


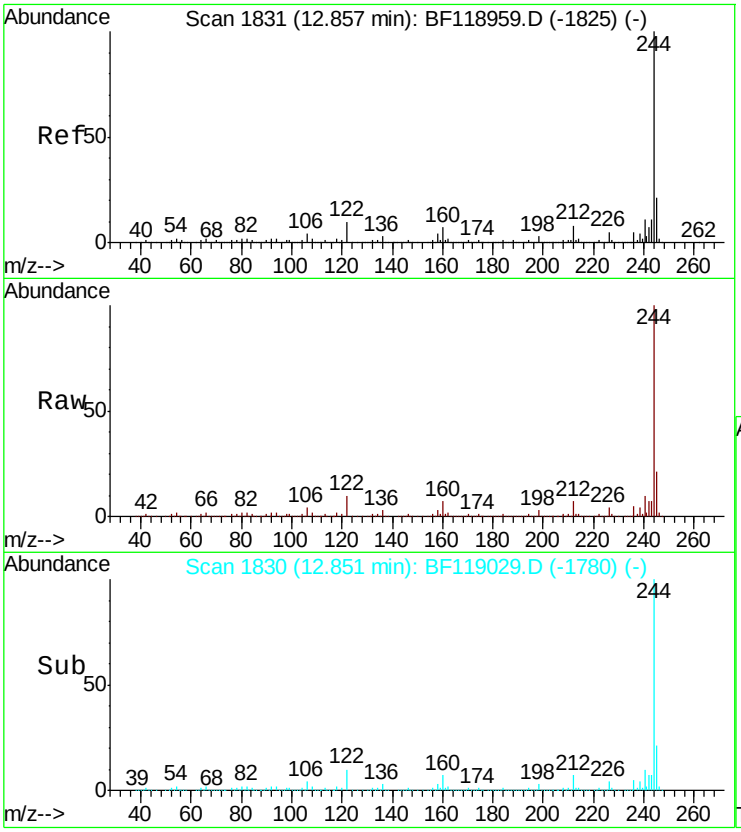




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:240 Resp: 406006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.9 | 13.3 |
| 236 | 26.1 | 20.6 | 30.8 |



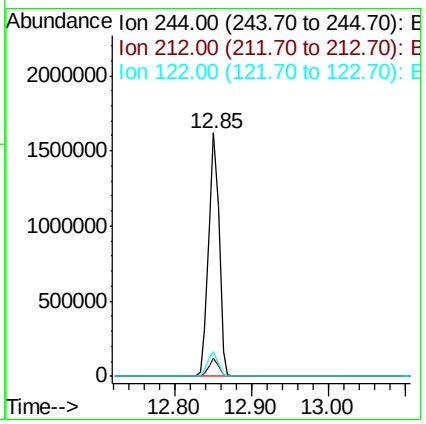


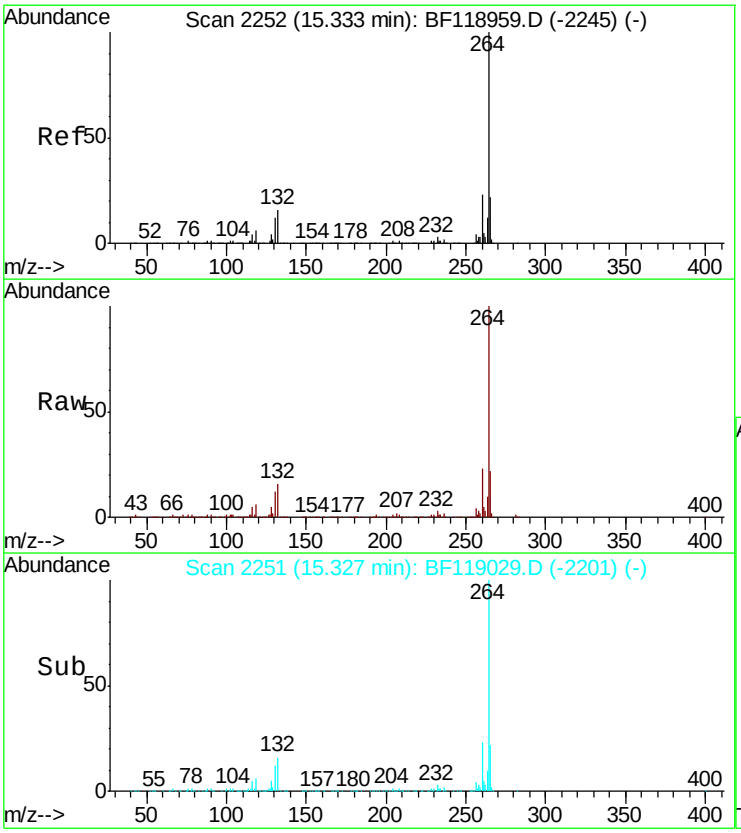

#79
Terphenyl-d14
Concen: 64.637 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

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

Tgt Ion:244 Resp: 1524272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.3 | 9.5 |
| 122 | 10.4 | 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: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:264 Resp: 381319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.6 | 28.0 |
| 265 | 22.1 | 17.3 | 25.9 |