Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116797.D
Acq On : 4 Sep 2019 3:14
Operator : HP/JU
Sample : K4624-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Sep 04 06:08:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 136743 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 536337 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 275053 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 463915 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 288875 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.44 | 264 | 315111 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 990718 | 117.37 | ng | 0.01 |
| 7) Phenol-d6 | 6.48 | 99 | 1191468 | 107.50 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 903221 | 96.14 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 290429 | 157.95 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 1504311 | 92.26 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.94 | 244 | 1478736 | 94.70 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70 | 117897 | 16.155 | ng | # 73 |
| 25) Isophorone | 7.41 | 82 | 903208 | 47.443 | ng | # 66 |
| 51) 2,6-Dinitrotoluene | 9.88 | 165 | 35701 | 9.854 | ng | # 20 |
| 57) 2,4-Dinitrotoluene | 9.88 | 165 | 35701 | 8.059 | ng | # 20 |
| 65) 4,6-Dinitro-2-methylphenol | 10.67 | 198 | 393 | 7.645 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.67 | 248 | 18388 | 3.902 | ng | # 1 |

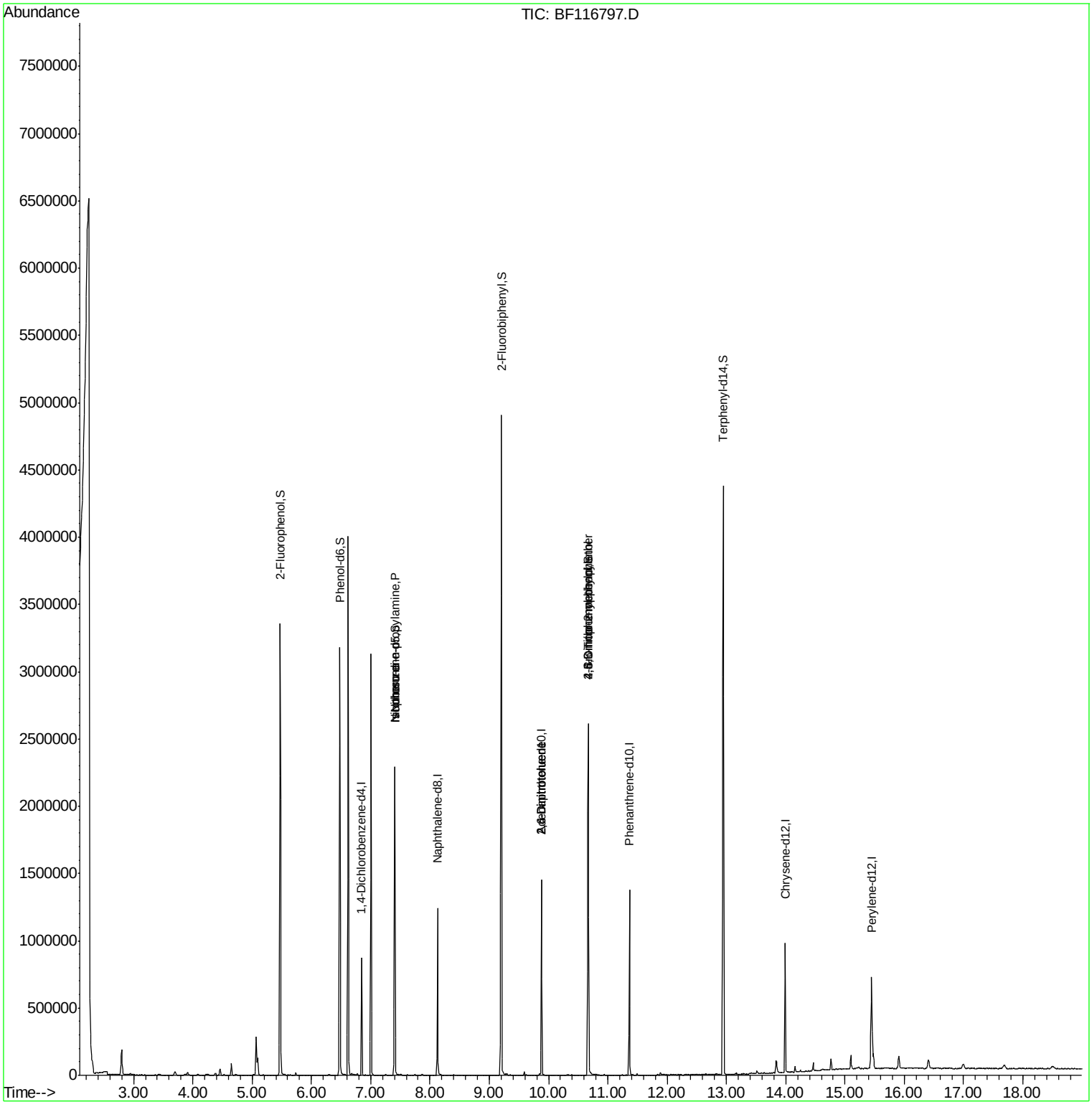
(#) = qualifier out of range (m) = manual integration (+) = signals summed

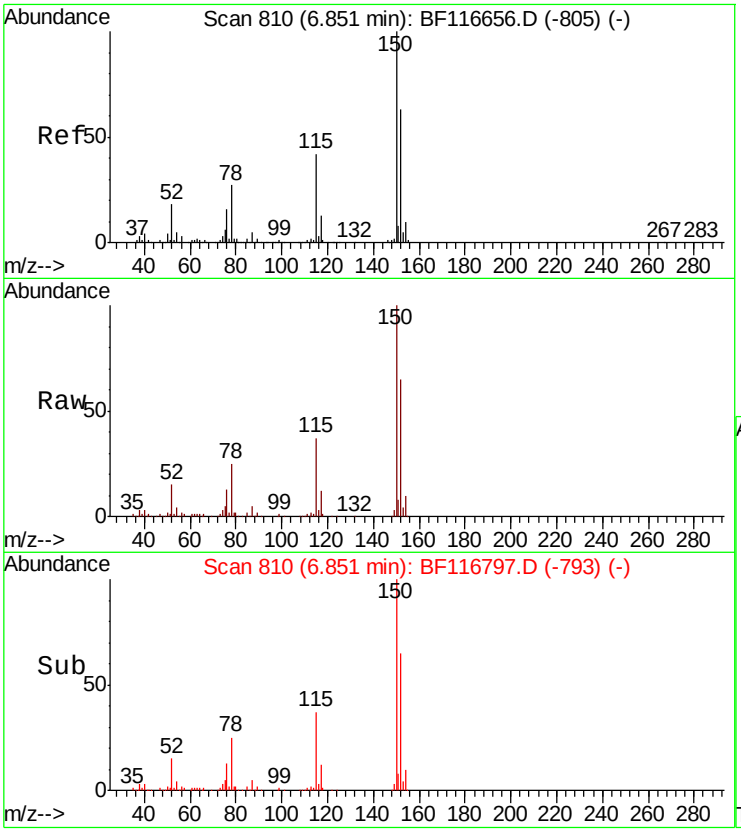
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116797.D
Acq On : 4 Sep 2019 3:14
Operator : HP/JU
Sample : K4624-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Sep 04 06:08:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



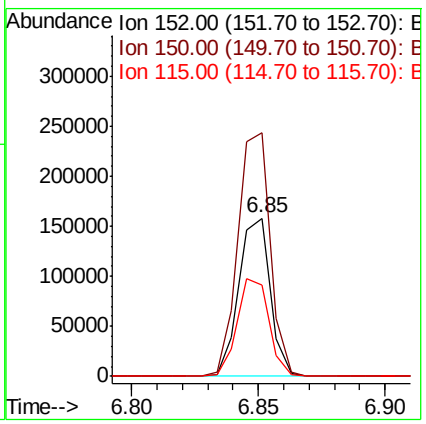


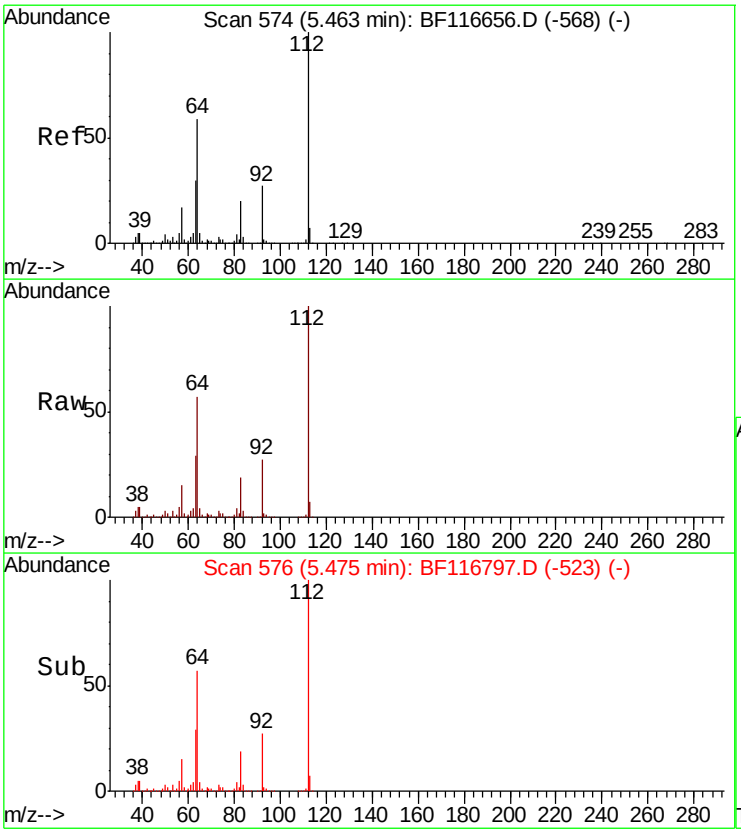

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:152 Resp: 136743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 124.4 | 186.6 |
| 115 | 57.3 | 49.9 | 74.9 |

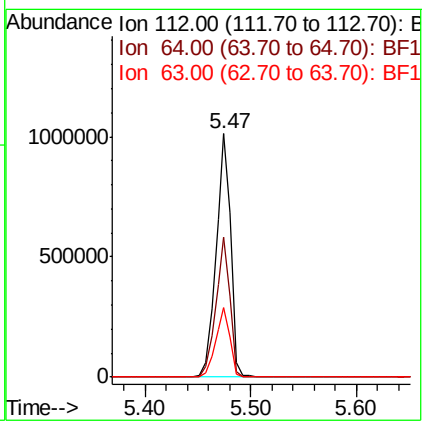


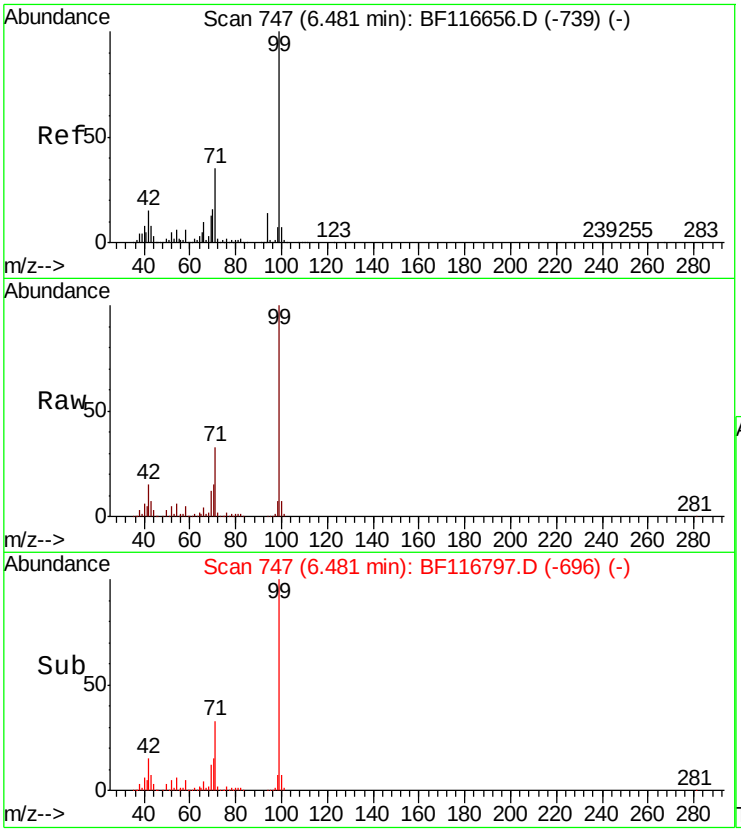




#5
2-Fluorophenol
Concen: 117.375 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:112 Resp: 990718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 47.1 | 70.7 |
| 63 | 28.7 | 24.9 | 37.3 |



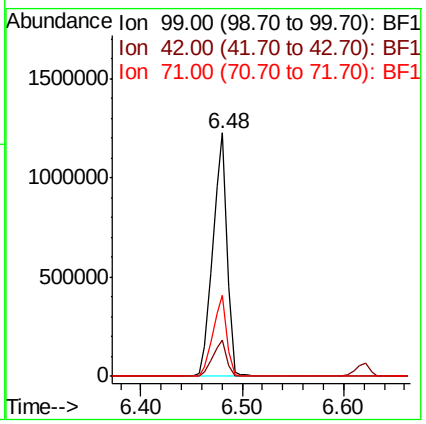


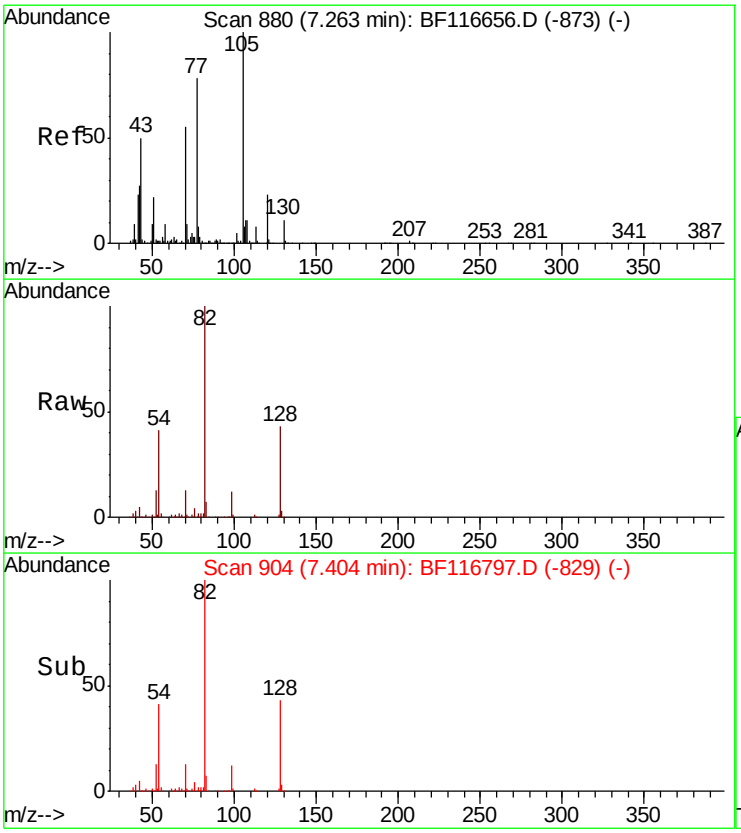

#7
Phenol-d6
Concen: 107.499 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion: 99 Resp: 1191468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.8 | 13.7 | 20.5 |
| 71 | 33.2 | 30.8 | 46.2 |

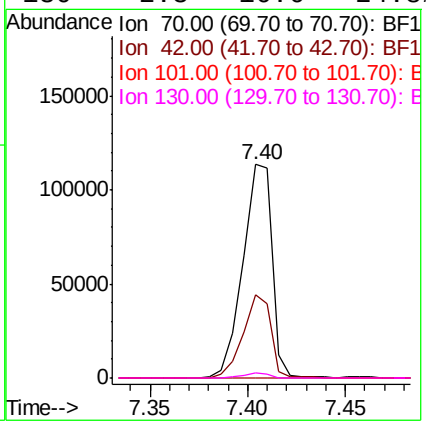


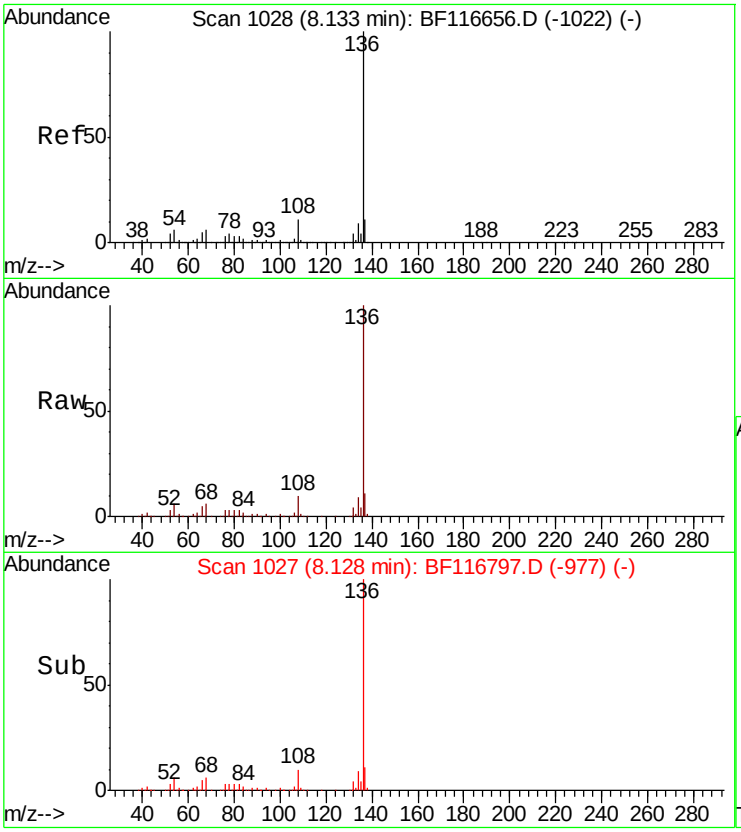




#19
n-Nitroso-di-n-propylamine
Concen: 16.155 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion: 70 Resp: 117897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.9 | 43.5 | 65.3# |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 2.3 | 16.6 | 24.8# |



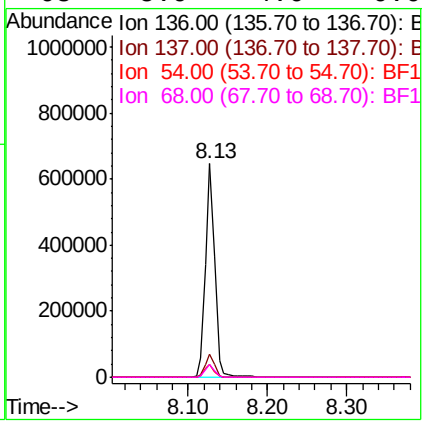


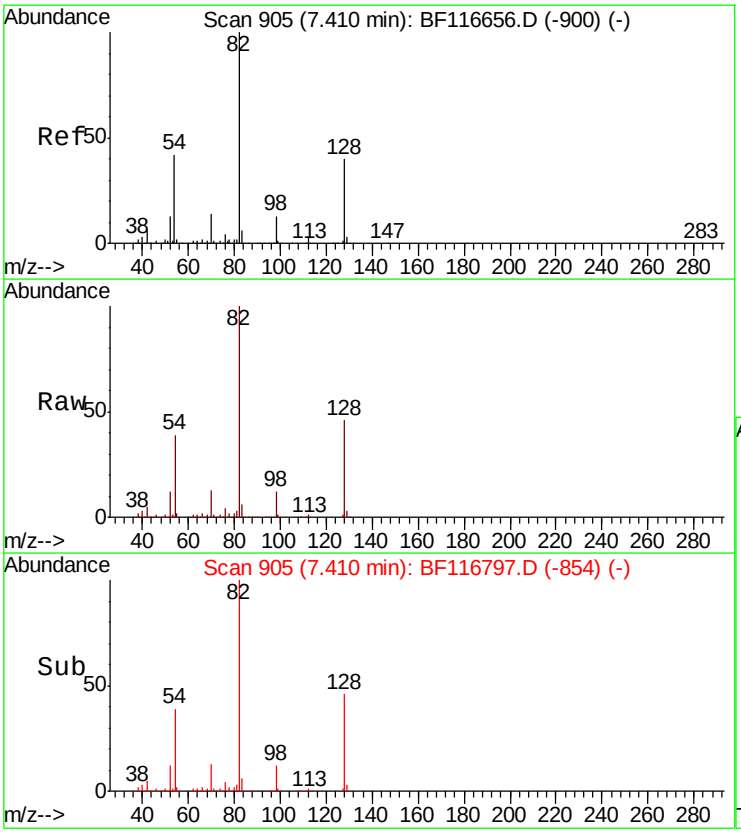

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:136 Resp: 536337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 6.1 | 4.8 | 7.2 |
| 68 | 5.9 | 4.0 | 6.0 |

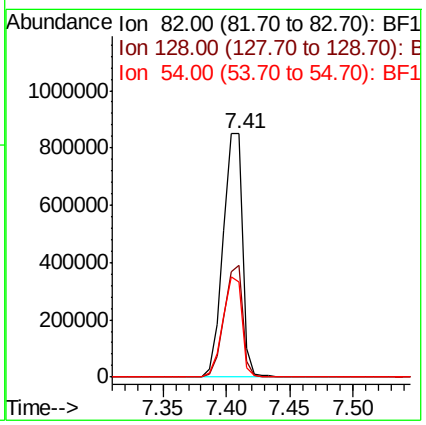


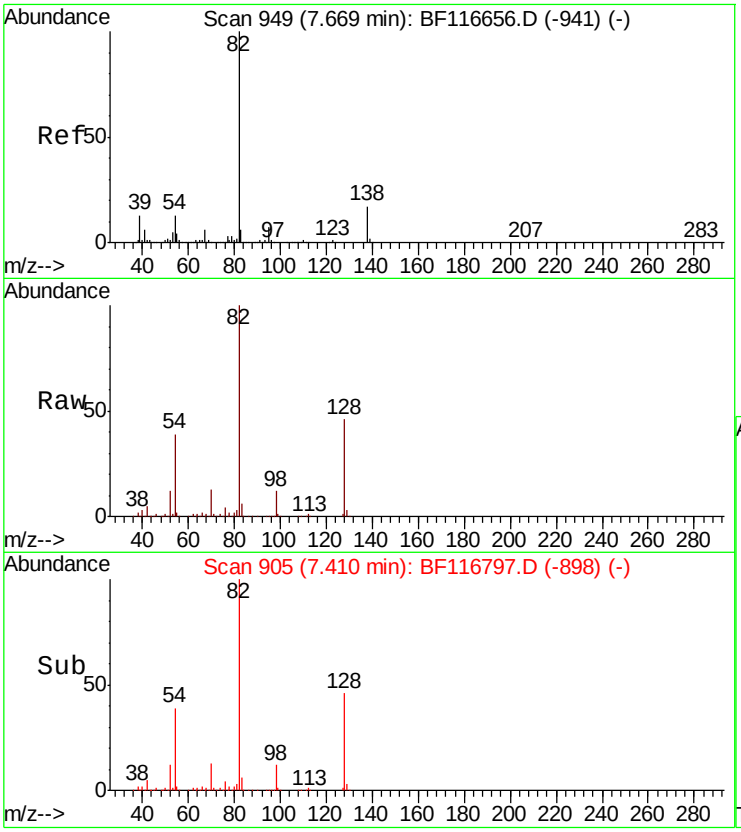




#23
Nitrobenzene-d5
Concen: 96.138 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion: 82 Resp: 903221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 32.8 | 49.2 |
| 54 | 39.0 | 36.9 | 55.3 |



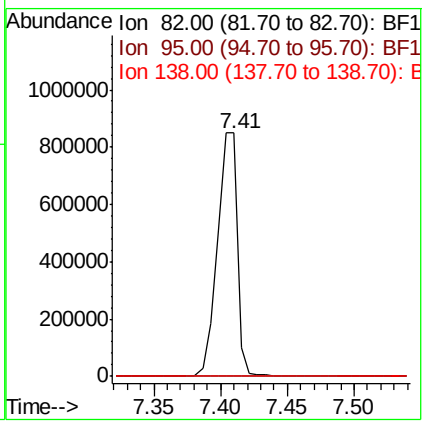


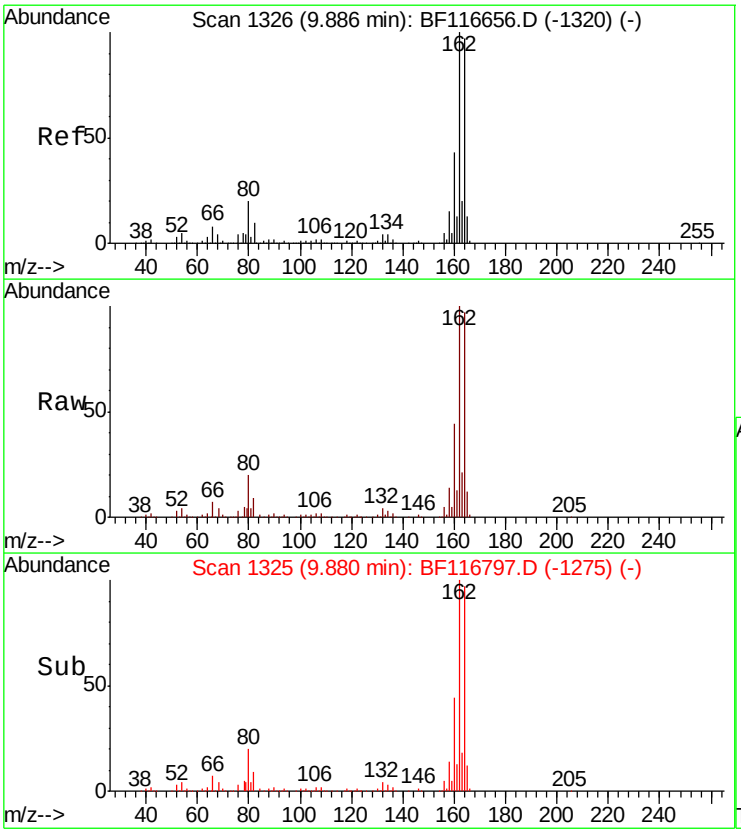

#25
Isophorone
Concen: 47.443 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion: 82 Resp: 903208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.6# |
| 138 | 0.0 | 13.5 | 20.3# |

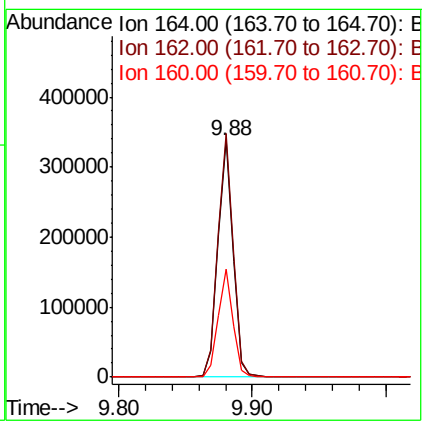


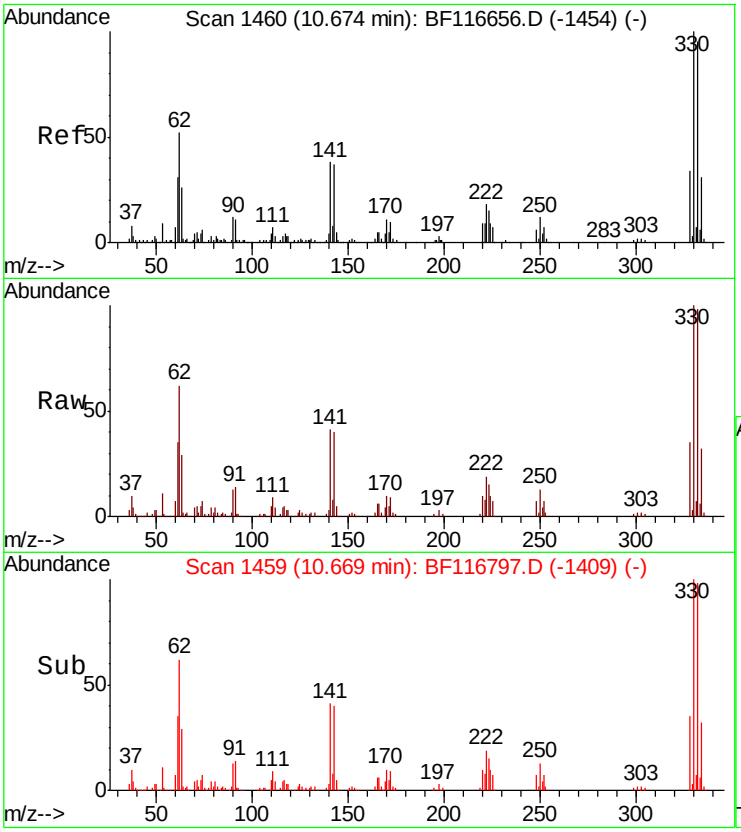




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:164 Resp: 275053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 81.4 | 122.0 |
| 160 | 45.5 | 35.4 | 53.2 |



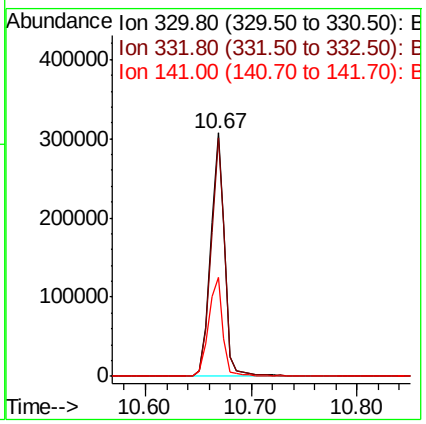


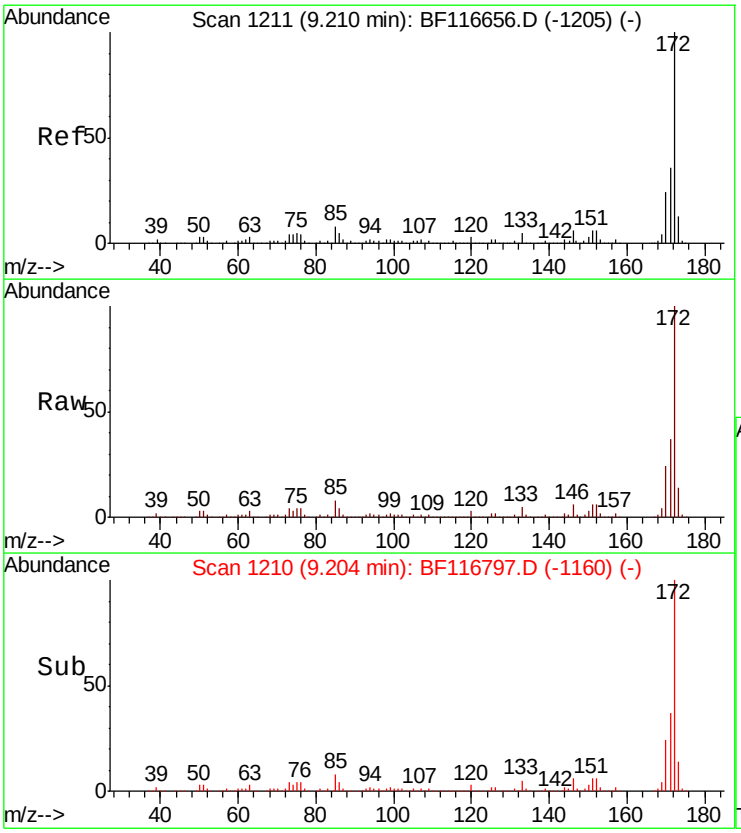

#42
2,4,6-Tribromophenol
Concen: 157.946 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:330 Resp: 290429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.9 | 115.3 |
| 141 | 41.2 | 31.4 | 47.2 |

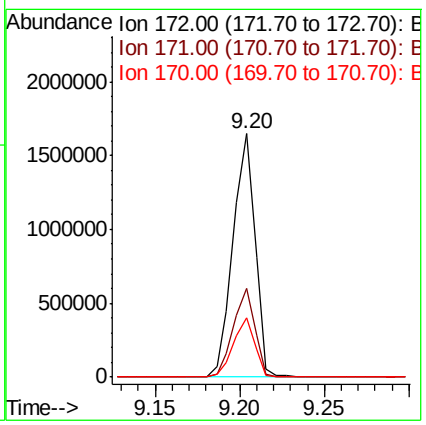


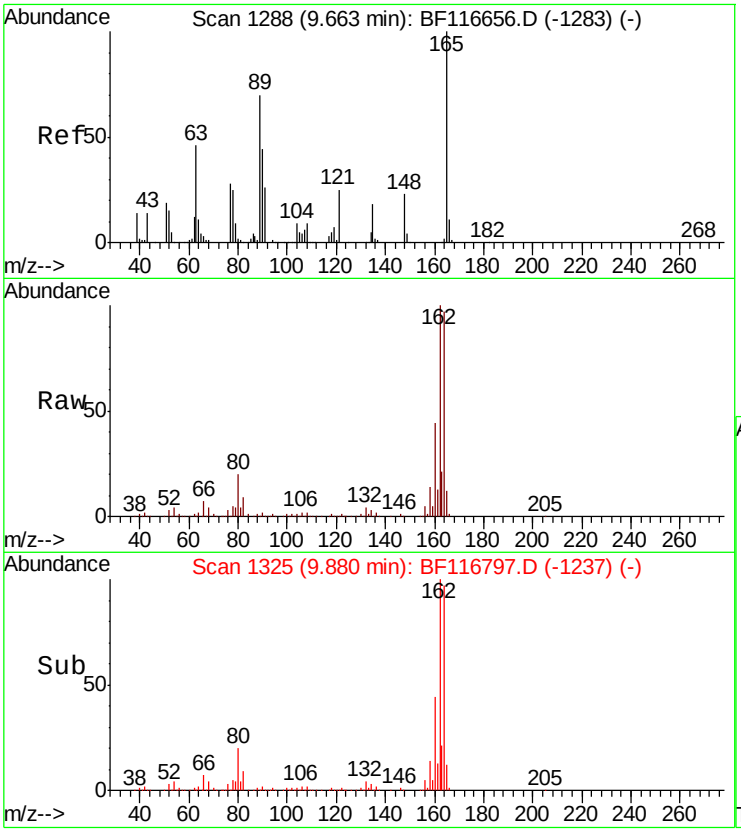




#45
2-Fluorobiphenyl
Concen: 92.259 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:172 Resp: 1504311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 27.8 | 41.6 |
| 170 | 24.2 | 18.9 | 28.3 |



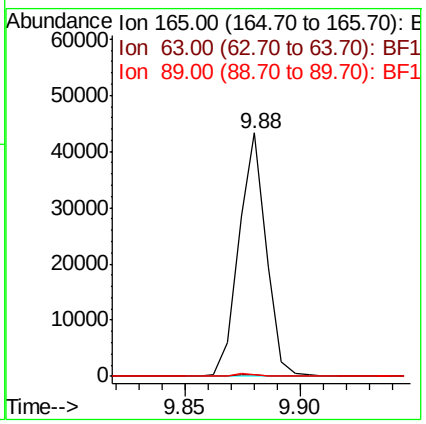


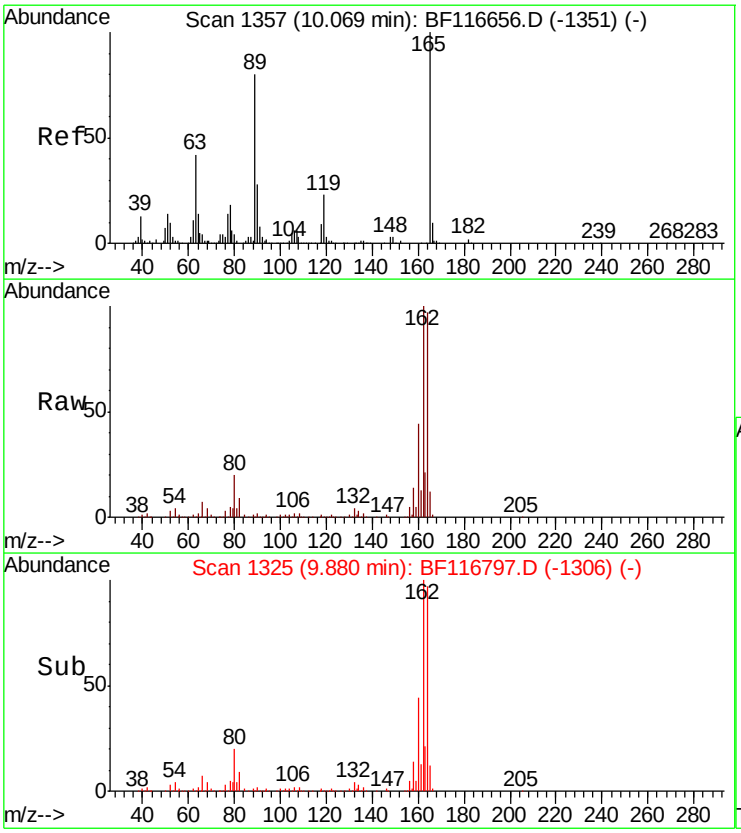

#51
2,6-Dinitrotoluene
Concen: 9.854 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:165 Resp: 35701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.8 | 47.3 | 70.9# |
| 89 | 0.9 | 52.5 | 78.7# |

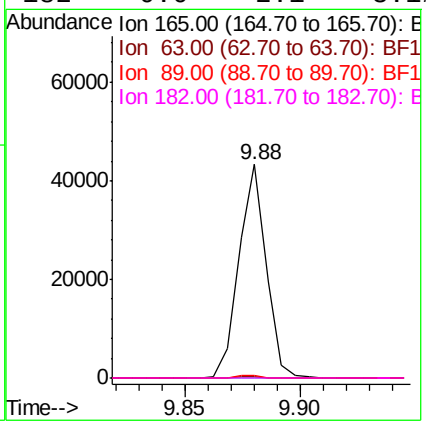


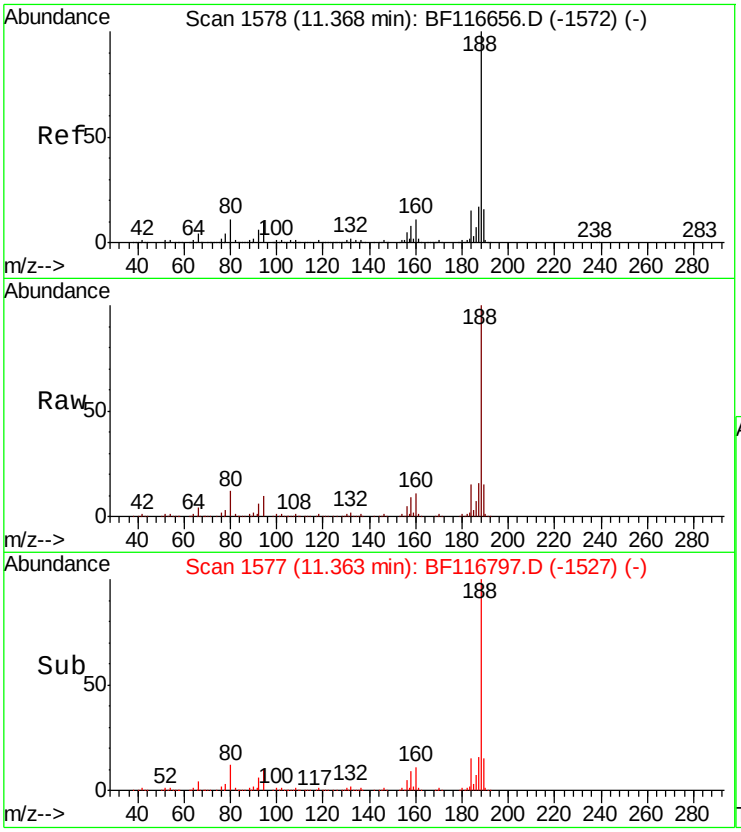




#57
2,4-Dinitrotoluene
Concen: 8.059 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:165 Resp: 35701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.8 | 36.4 | 54.6# |
| 89 | 0.9 | 62.6 | 94.0# |
| 182 | 0.0 | 2.1 | 3.1# |



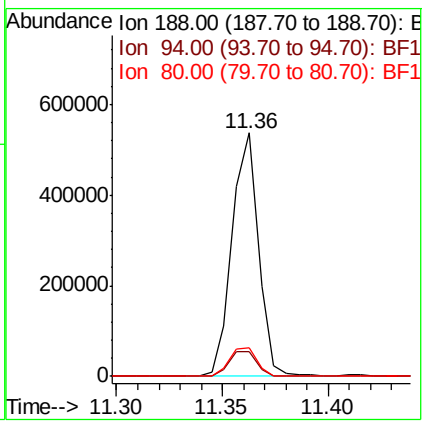


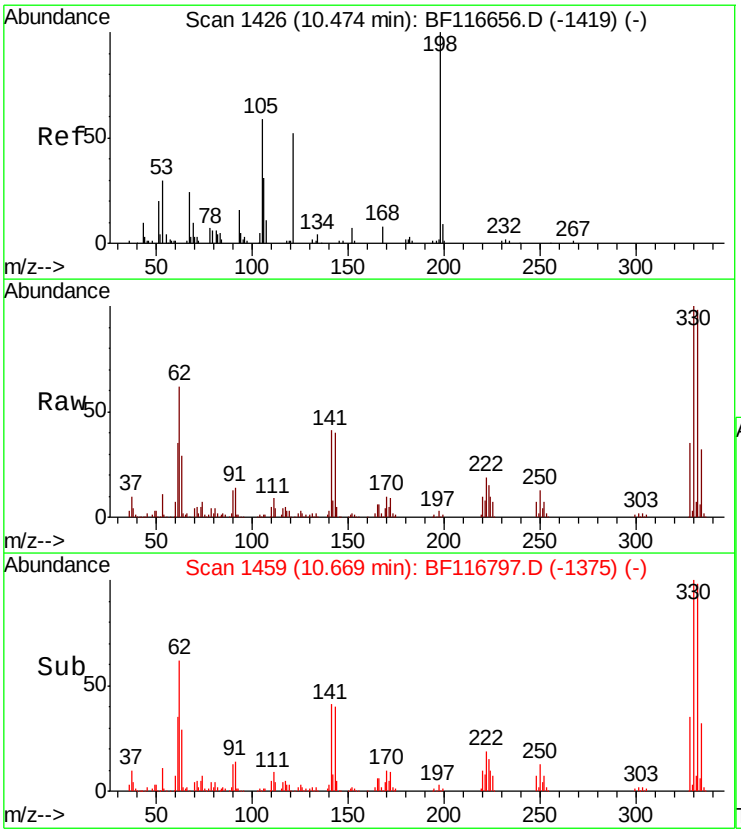

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:188 Resp: 463915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 7.3 | 10.9 |
| 80 | 11.6 | 8.4 | 12.6 |

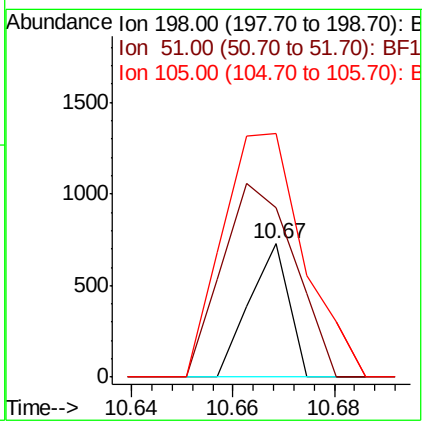


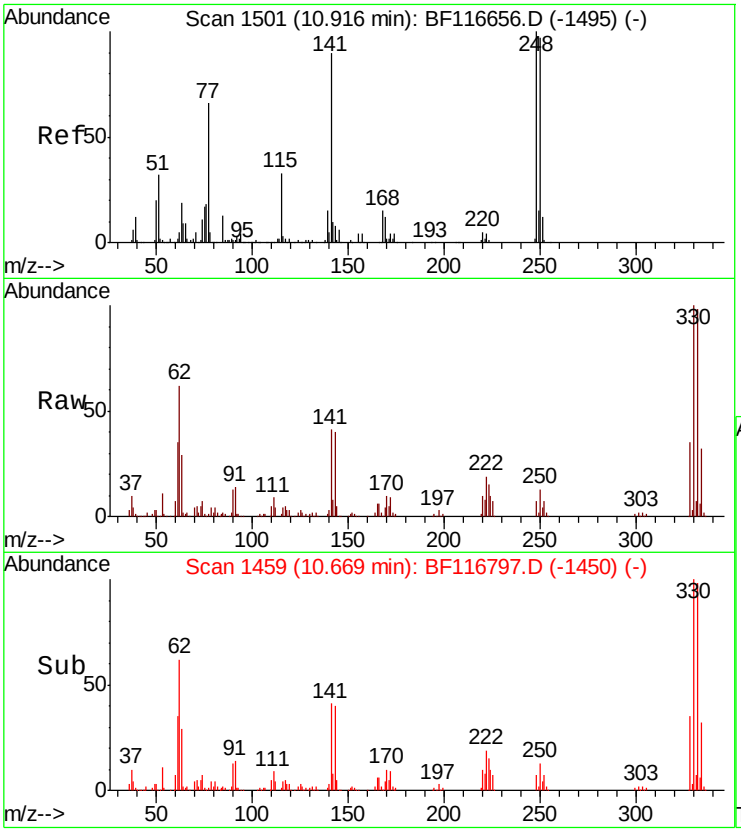




#65
4,6-Dinitro-2-methylphenol
Concen: 7.645 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:198 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 127.4 | 18.4 | 58.4# |
| 105 | 182.9 | 22.9 | 62.9# |



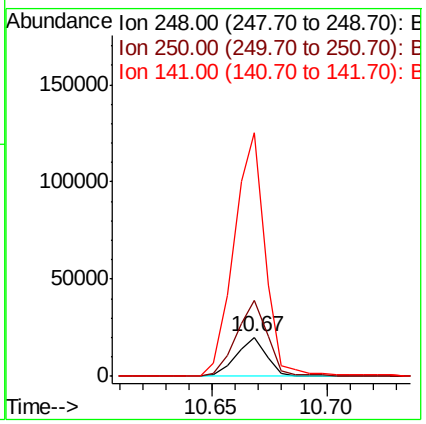


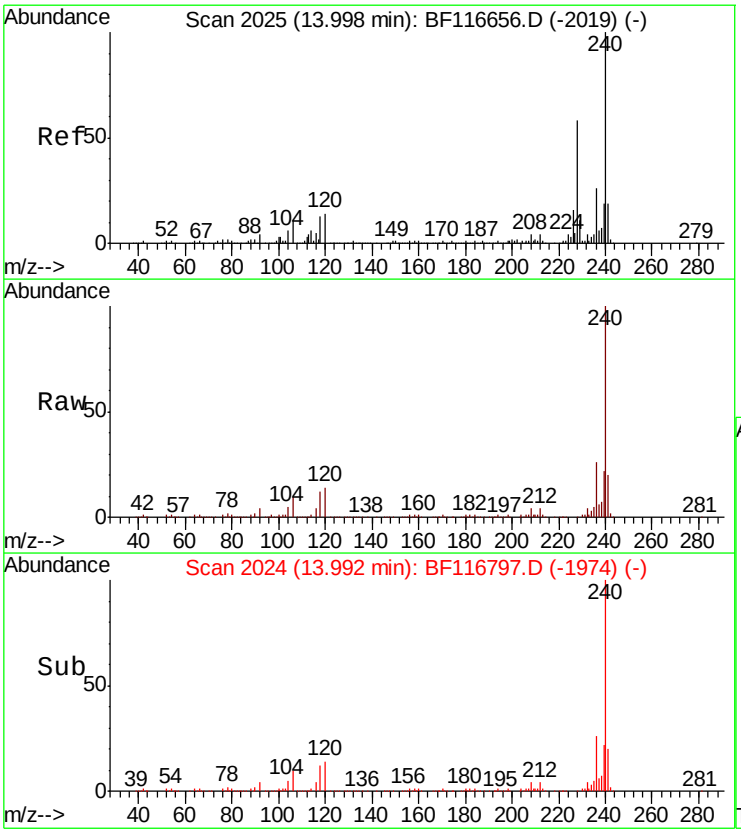

#67
4-Bromophenyl-phenylether
Concen: 3.902 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:248 Resp: 18388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 191.6 | 77.8 | 116.8# |
| 141 | 617.0 | 75.9 | 113.9# |

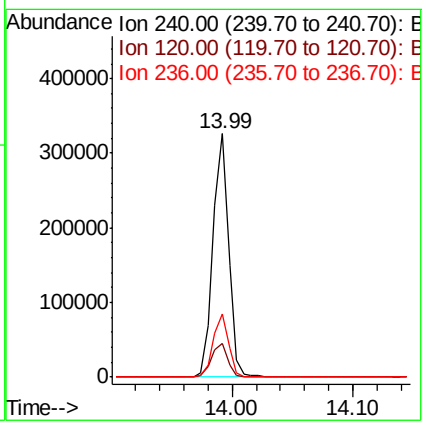


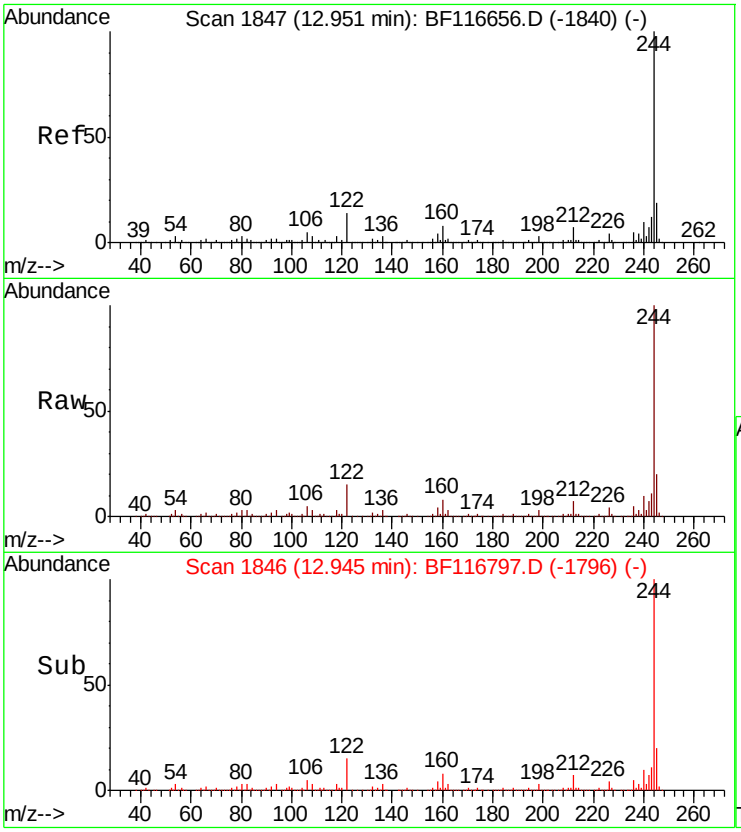




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:240 Resp: 288875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 9.1 | 13.7# |
| 236 | 25.9 | 21.1 | 31.7 |



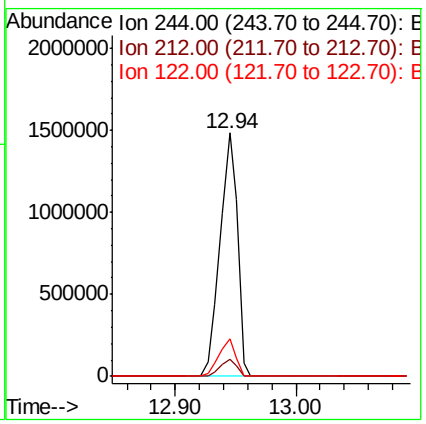


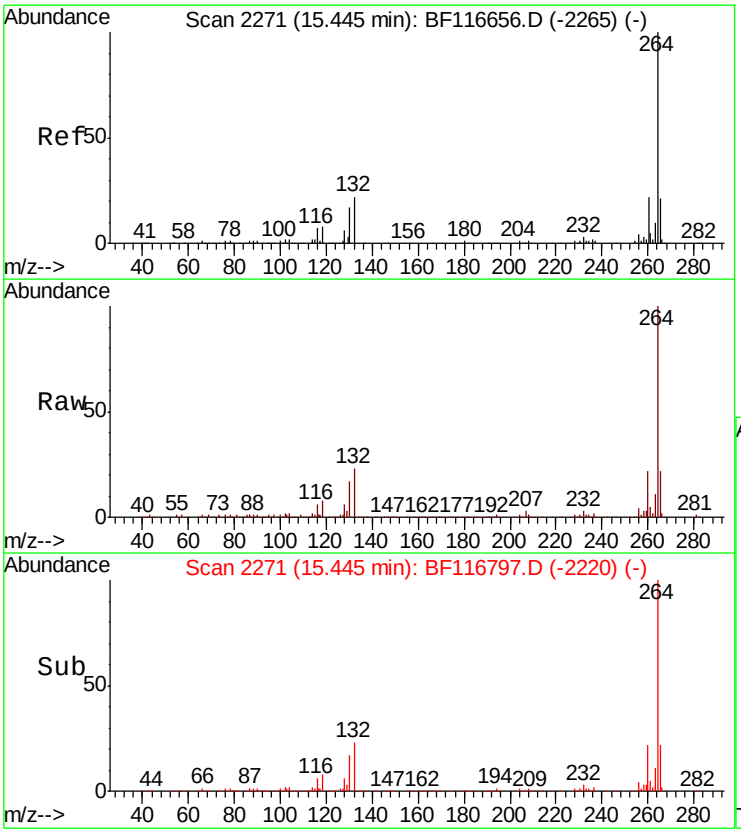

#79
Terphenyl-d14
Concen: 94.698 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

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

Tgt Ion:244 Resp: 1478736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.1 | 9.1 |
| 122 | 15.5 | 10.2 | 15.4# |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116797.D
Acq: 4 Sep 2019 3:14

Tgt Ion:264 Resp: 315111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 18.3 | 27.5 |
| 265 | 21.6 | 16.5 | 24.7 |