Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116770.D
Acq On : 3 Sep 2019 14:17
Operator : HP/JU
Sample : K4514-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 03 14:48:54 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 | 110809 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 427912 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 217617 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 380827 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 330160 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.44 | 264 | 344529 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 840702 | 122.91 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 1143218 | 127.29 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 676328 | 90.23 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 229785 | 157.95 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 1058089 | 82.02 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.94 | 244 | 1085548 | 60.83 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.49 | 94 | 45600 | 4.585 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70 | 90585 | 15.318 | ng | # | 71 |
| 25) Isophorone | 7.40 | 82 | 676321 | 44.527 | ng | # | 66 |
| 50) Dimethylphthalate | 9.59 | 163 | 235829 | 15.697 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 9.88 | 165 | 28429 | 8.111 | ng | # | 21 |
| 65) 4,6-Dinitro-2-methylphenol | 10.67 | 198 | 403 | 7.694 | ng | # | 1 |
| 67) 4-Bromophenyl-phenylether | 10.67 | 248 | 14346 | 3.708 | ng | # | 1 |

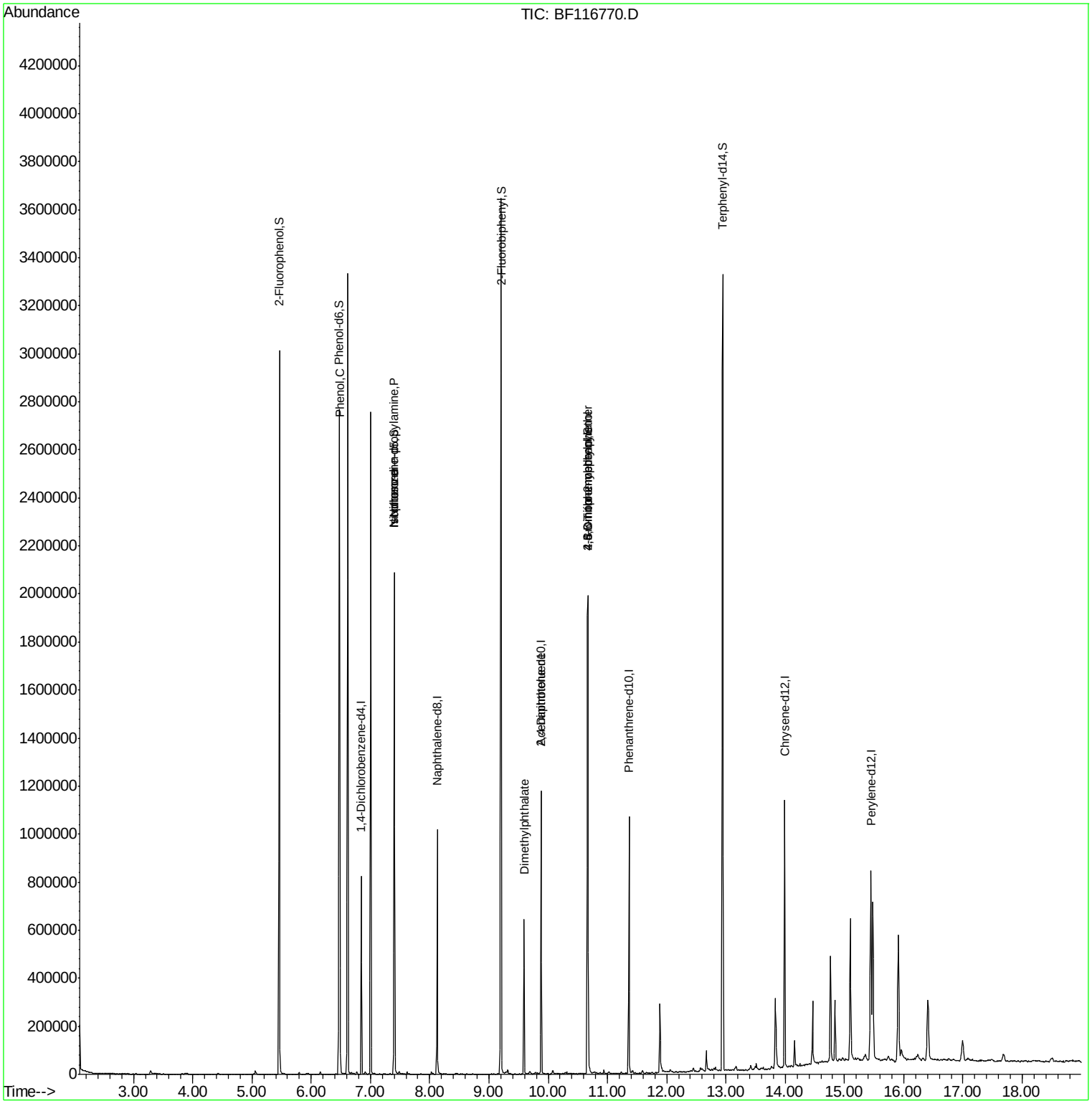
(#) = qualifier out of range (m) = manual integration (+) = signals summed

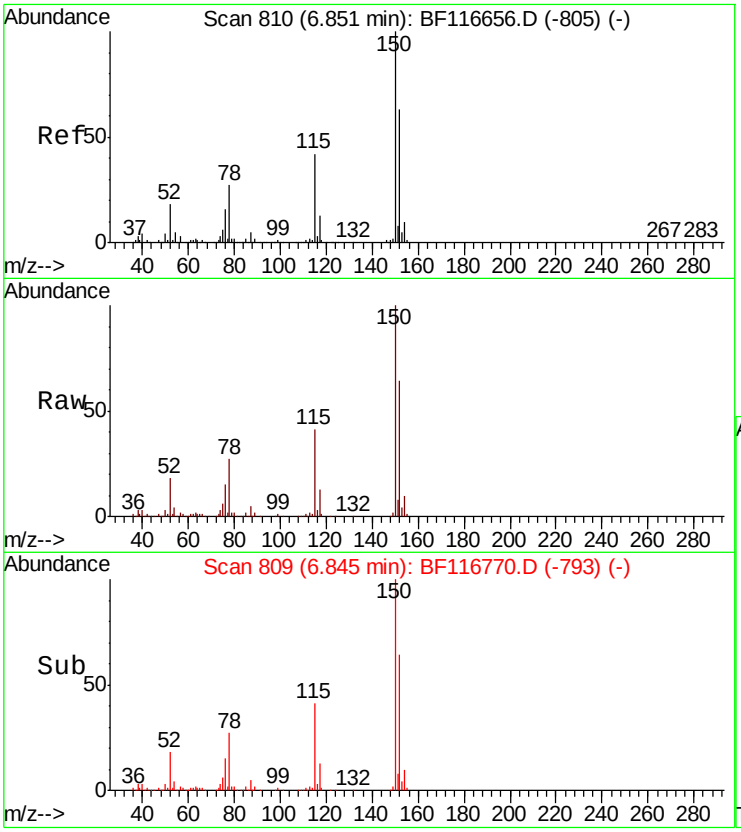
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116770.D
Acq On : 3 Sep 2019 14:17
Operator : HP/JU
Sample : K4514-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 03 14:48:54 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



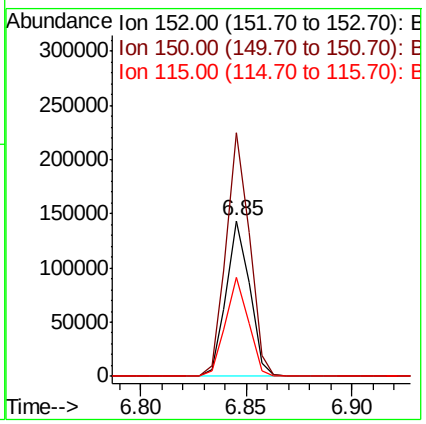


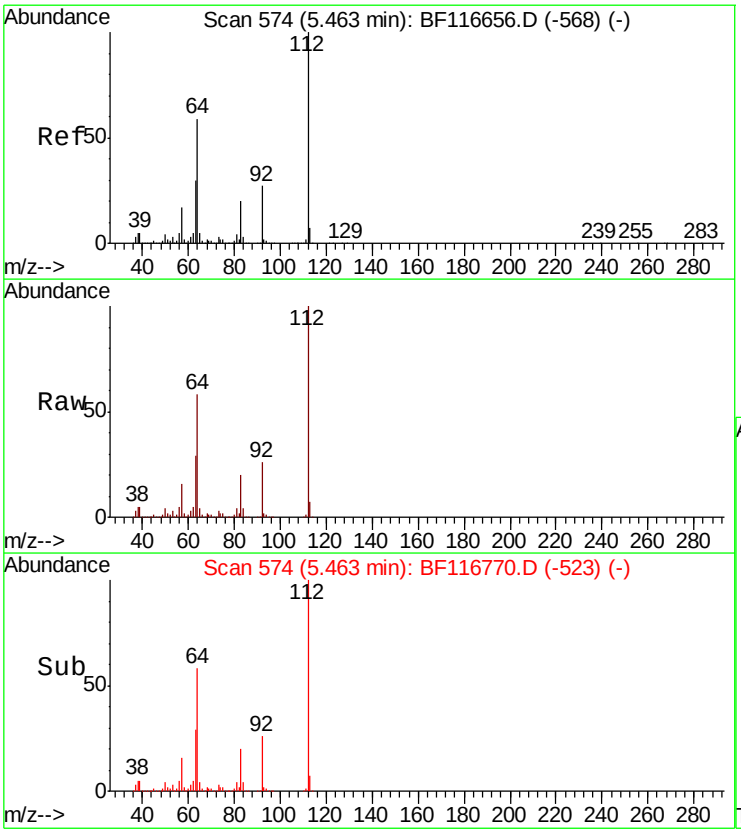

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:152 Resp: 110809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 124.4 | 186.6 |
| 115 | 63.6 | 49.9 | 74.9 |

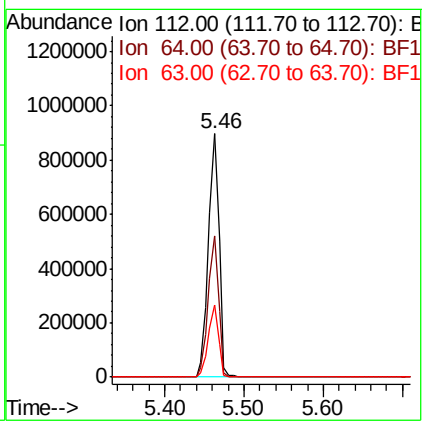


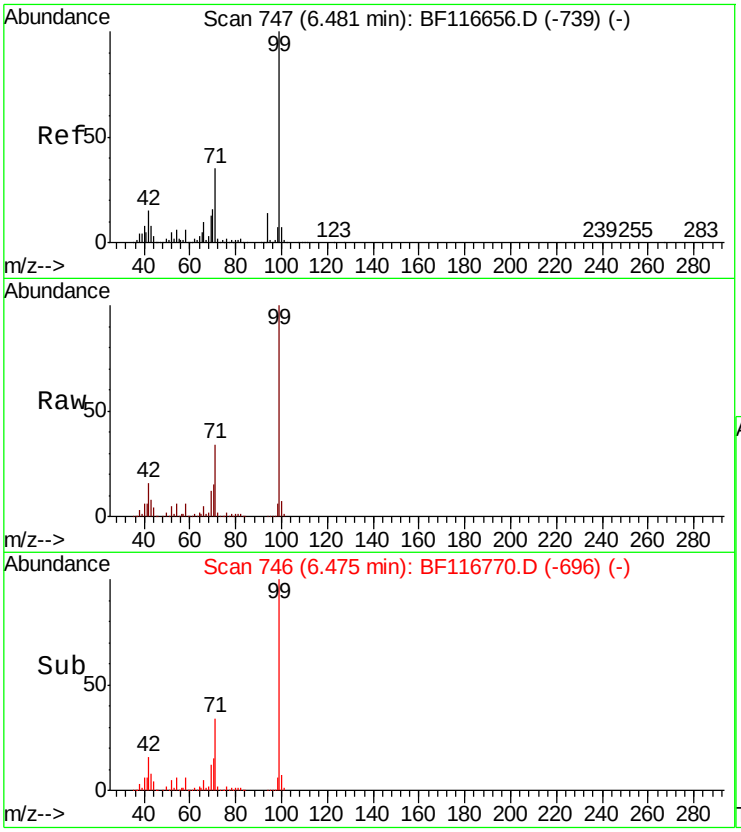




#5
2-Fluorophenol
Concen: 122.913 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:112 Resp: 840702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.0 | 47.1 | 70.7 |
| 63 | 29.4 | 24.9 | 37.3 |



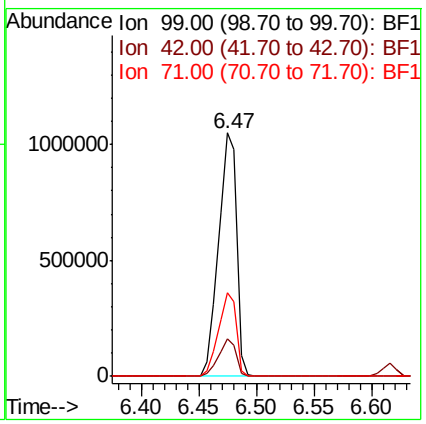


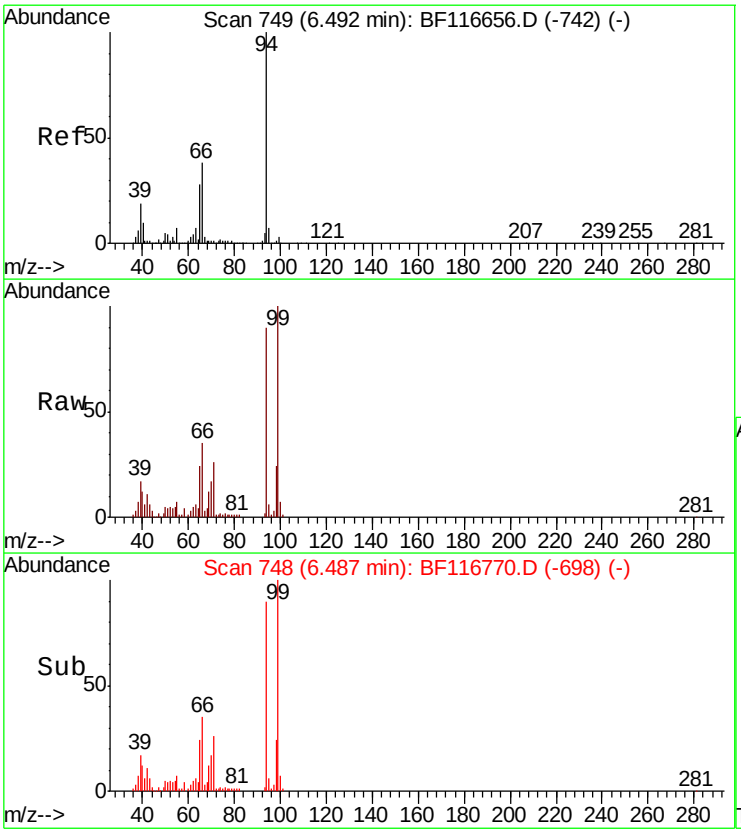

#7
Phenol-d6
Concen: 127.287 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion: 99 Resp: 1143218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 13.7 | 20.5 |
| 71 | 34.3 | 30.8 | 46.2 |

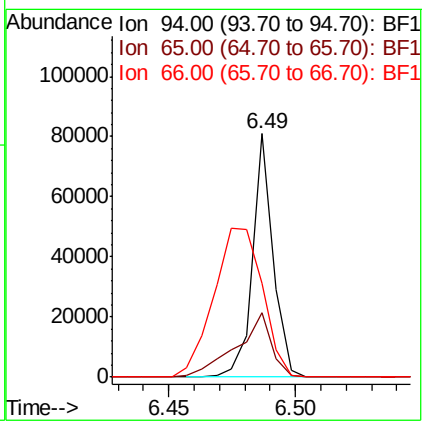


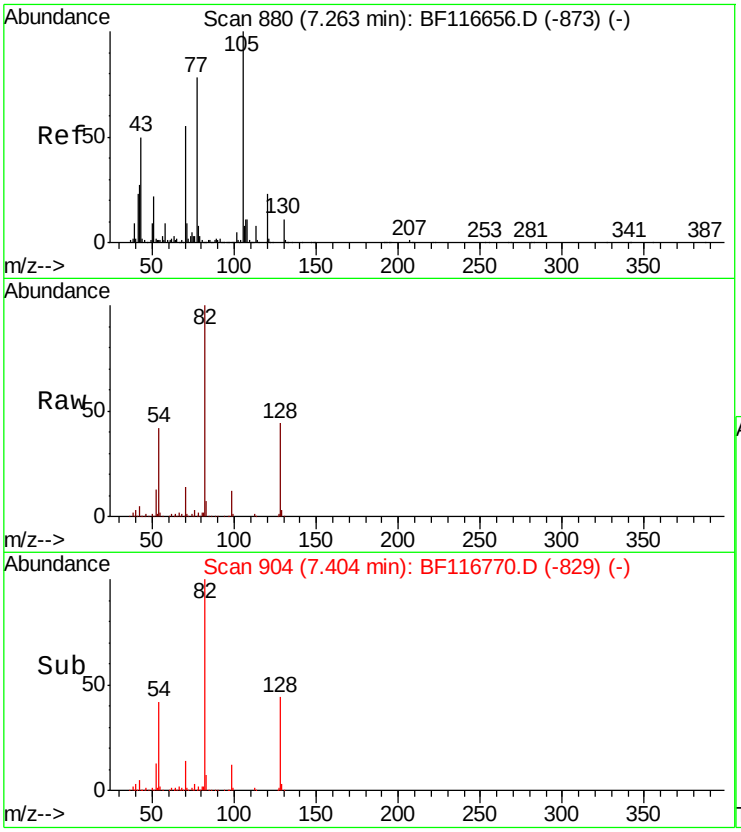




#10
Phenol
Concen: 4.585 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion: 94 Resp: 45600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.4 | 10.8 | 50.8 |
| 66 | 38.8 | 21.1 | 61.1 |



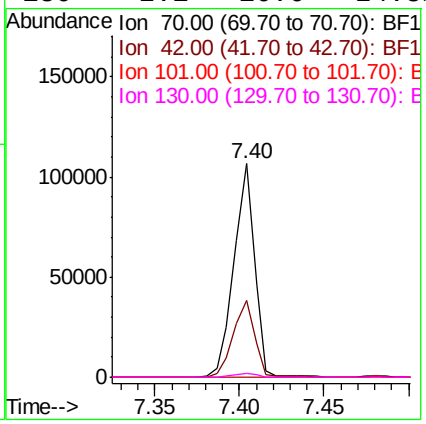


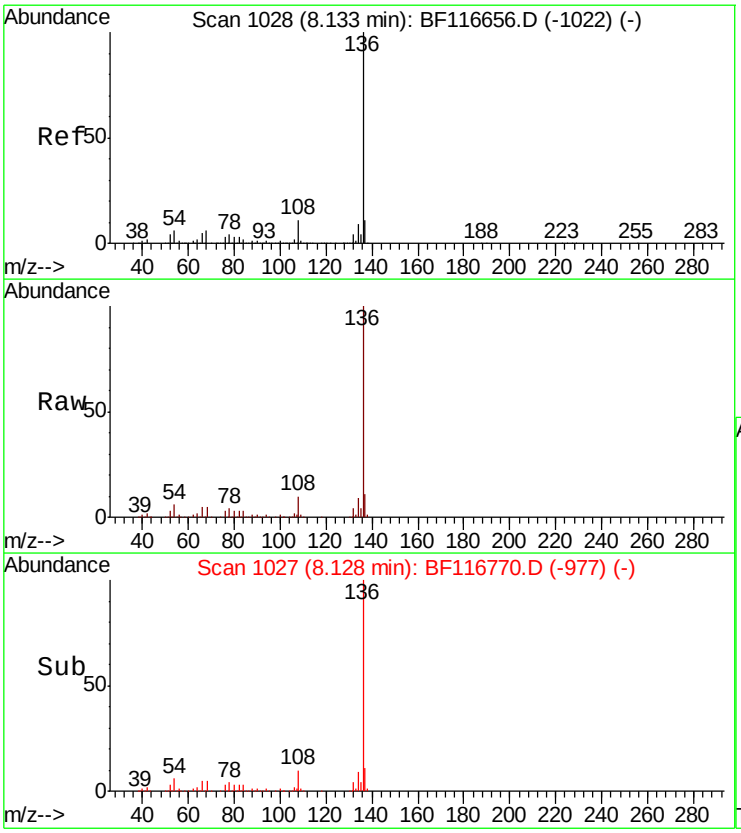

#19
n-Nitroso-di-n-propylamine
Concen: 15.318 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion: 70 Resp: 90585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 36.2 | 43.5 | 65.3# |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 2.1 | 16.6 | 24.8# |

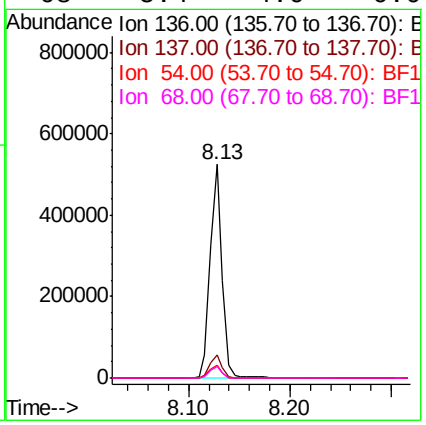


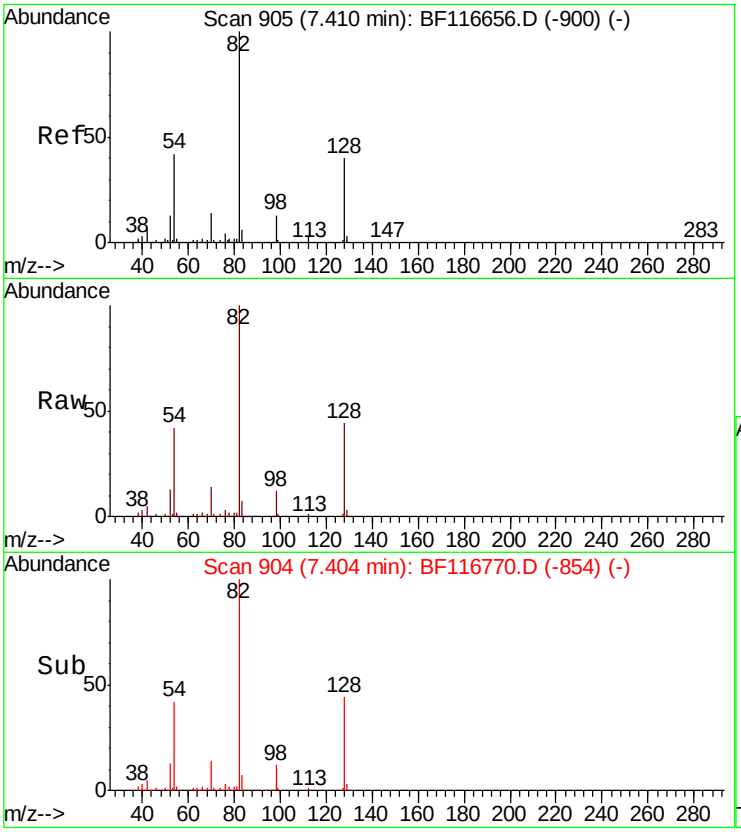




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:136 Resp: 427912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 5.8 | 4.8 | 7.2 |
| 68 | 5.4 | 4.0 | 6.0 |



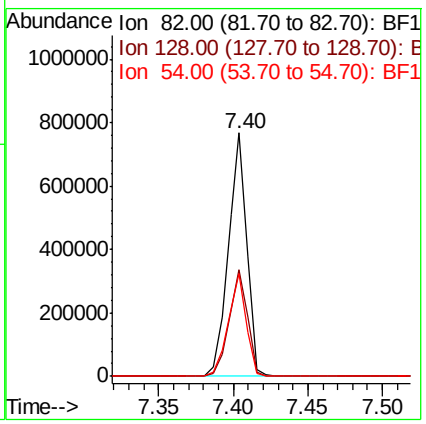


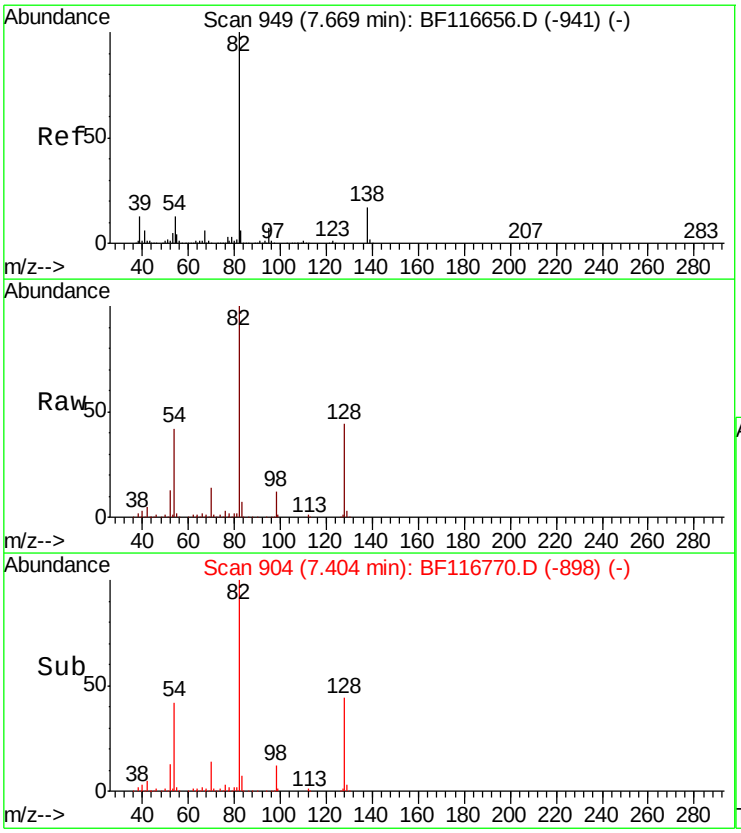

#23
Nitrobenzene-d5
Concen: 90.228 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion: 82 Resp: 676328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.1 | 32.8 | 49.2 |
| 54 | 42.2 | 36.9 | 55.3 |

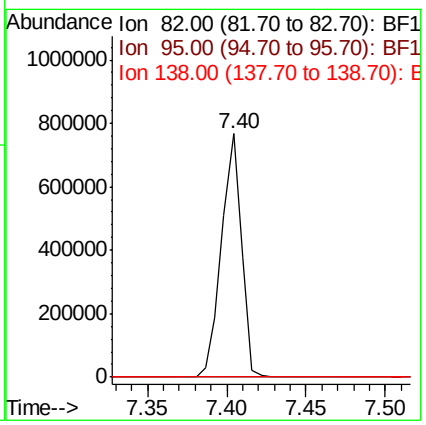


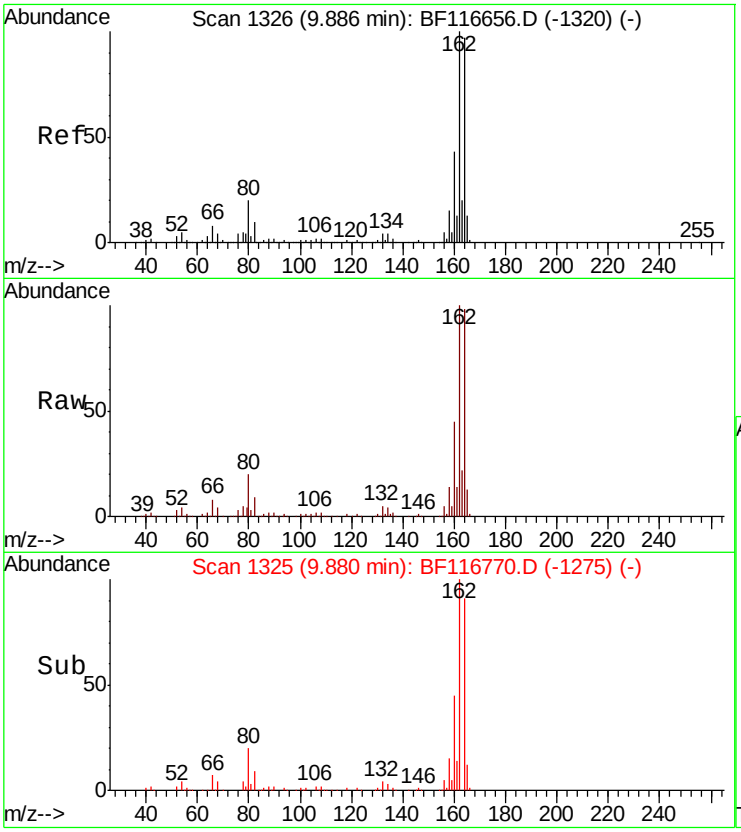




#25
Isophorone
Concen: 44.527 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion: 82 Resp: 676321

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



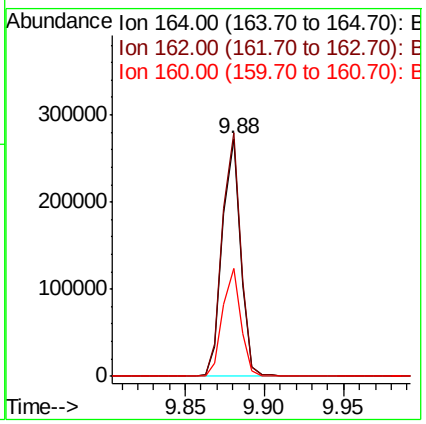


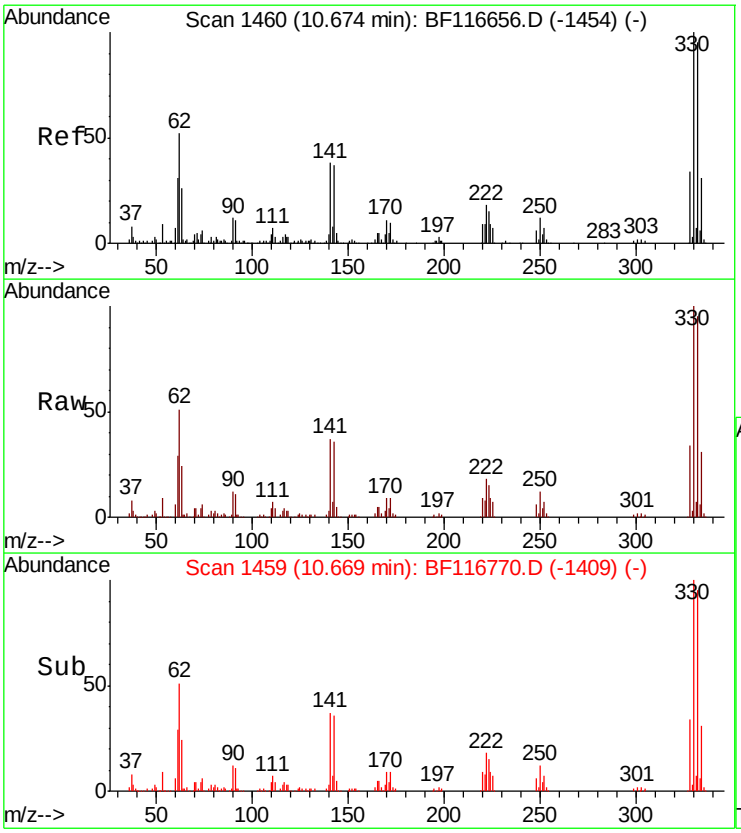

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:164 Resp: 217617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 81.4 | 122.0 |
| 160 | 45.7 | 35.4 | 53.2 |

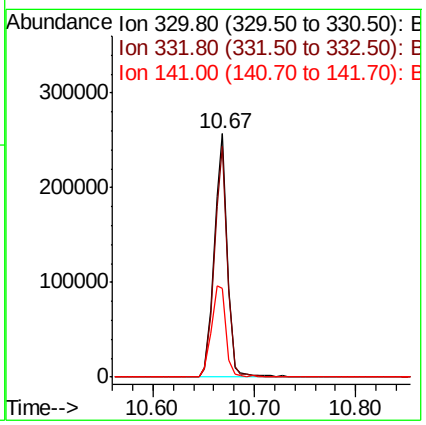


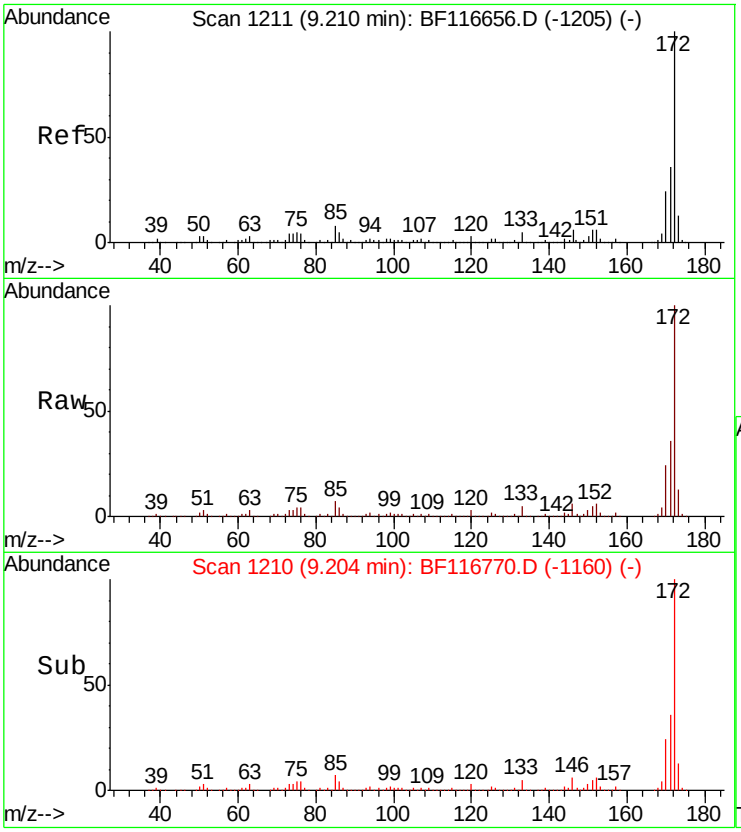




#42
2,4,6-Tribromophenol
Concen: 157.948 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:330 Resp: 229785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.2 | 76.9 | 115.3 |
| 141 | 42.2 | 31.4 | 47.2 |



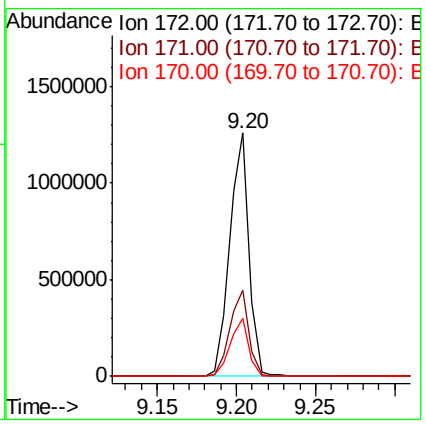


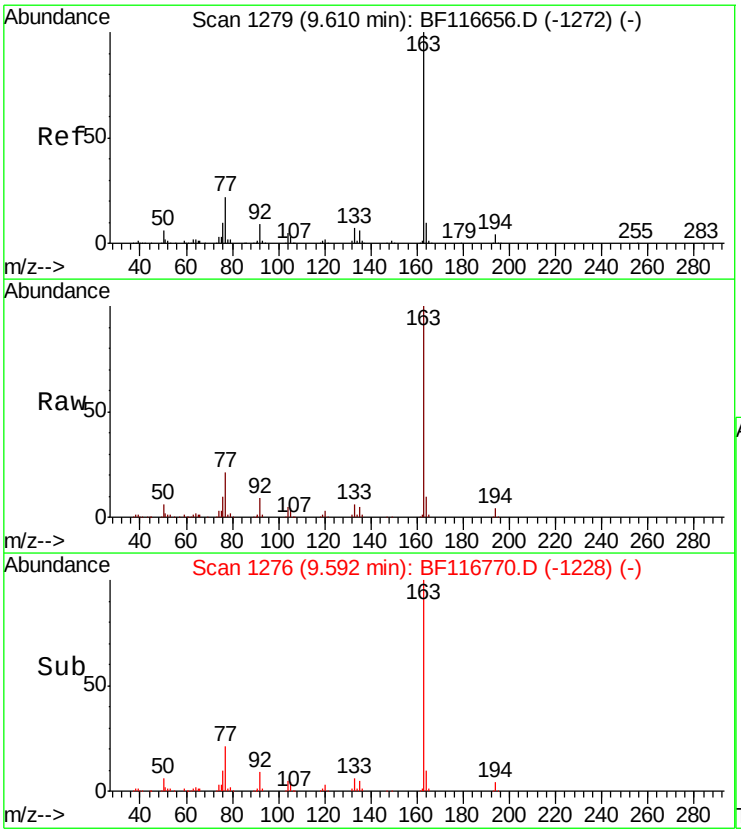

#45
2-Fluorobiphenyl
Concen: 82.020 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:172 Resp: 1058089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 27.8 | 41.6 |
| 170 | 23.9 | 18.9 | 28.3 |

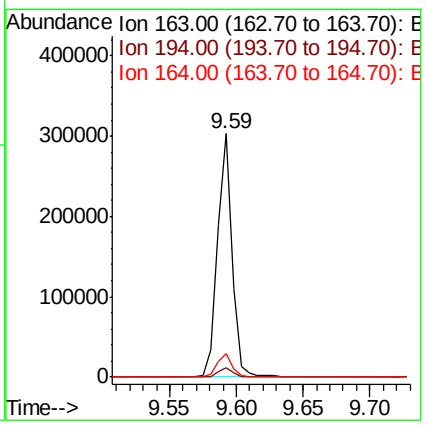


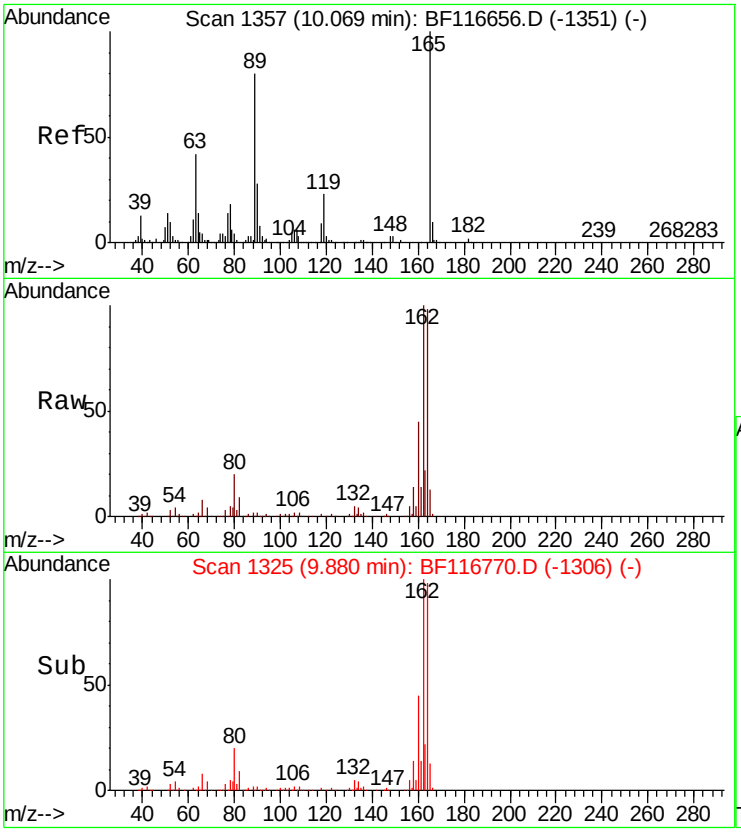




#50
Dimethylphthalate
Concen: 15.697 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:163 Resp: 235829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.8 | 4.2 |
| 164 | 9.5 | 8.6 | 12.8 |



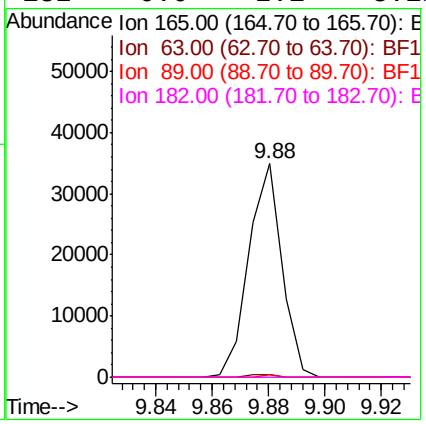


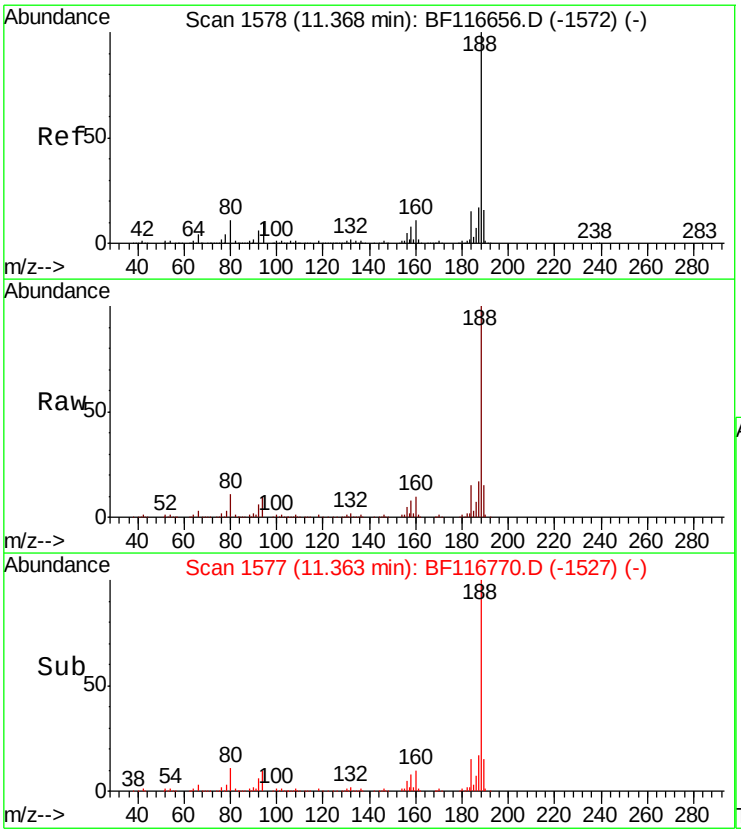

#57
2,4-Dinitrotoluene
Concen: 8.111 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:165 Resp: 28429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 36.4 | 54.6# |
| 89 | 1.4 | 62.6 | 94.0# |
| 182 | 0.0 | 2.1 | 3.1# |

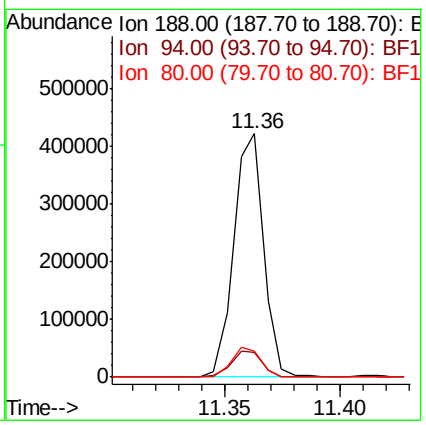


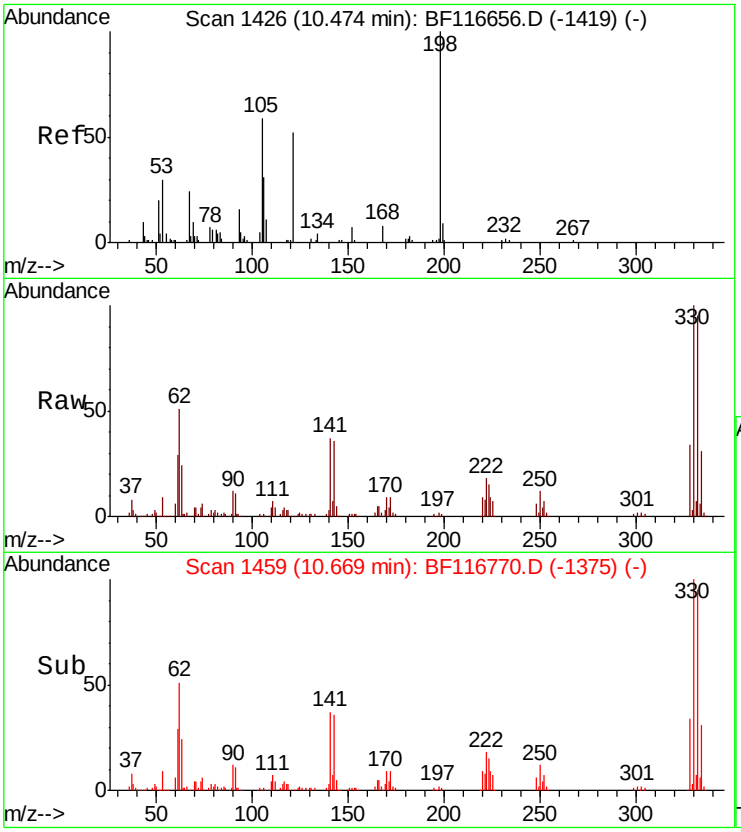




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:188 Resp: 380827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 7.3 | 10.9 |
| 80 | 10.7 | 8.4 | 12.6 |



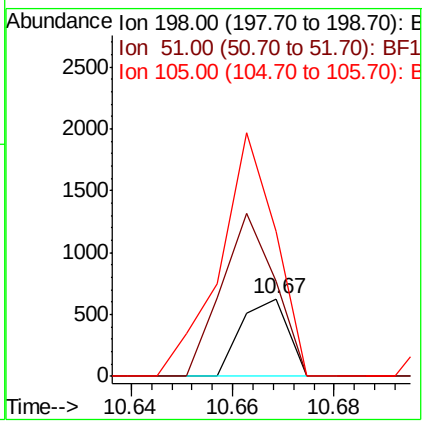


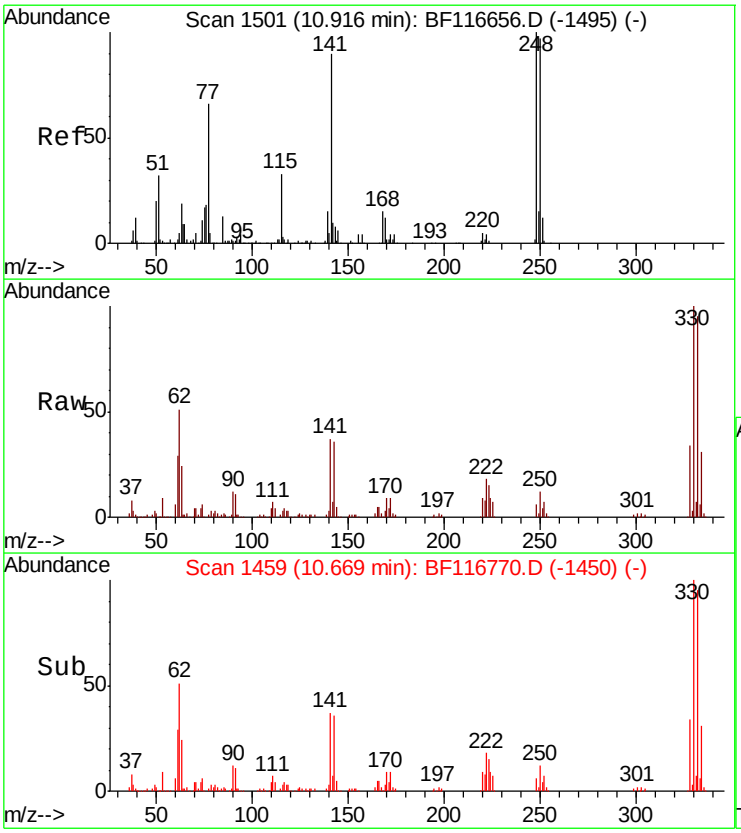

#65
4,6-Dinitro-2-methylphenol
Concen: 7.694 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:198 Resp: 403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 122.8 | 18.4 | 58.4# |
| 105 | 186.3 | 22.9 | 62.9# |

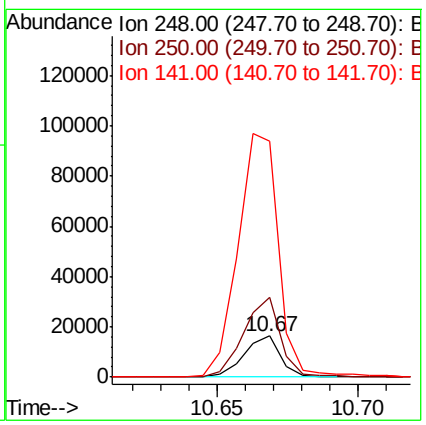


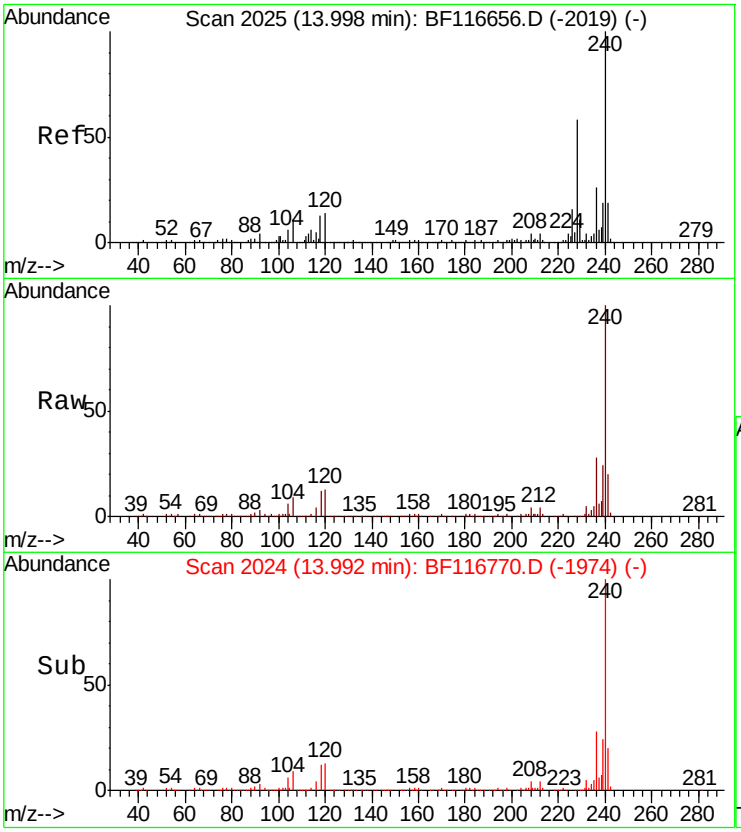




#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:248 Resp: 14346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 194.6 | 77.8 | 116.8# |
| 141 | 574.1 | 75.9 | 113.9# |



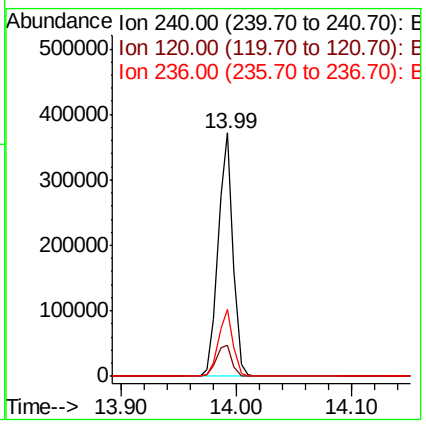


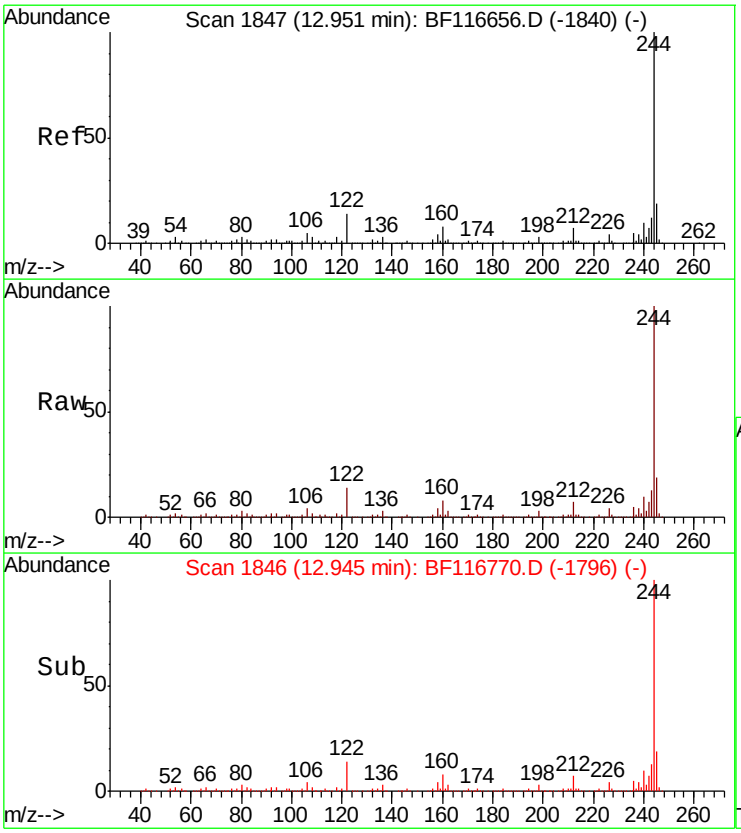

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:240 Resp: 330160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.9 | 9.1 | 13.7 |
| 236 | 27.6 | 21.1 | 31.7 |

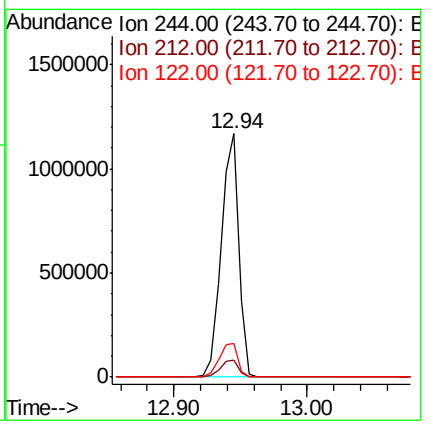


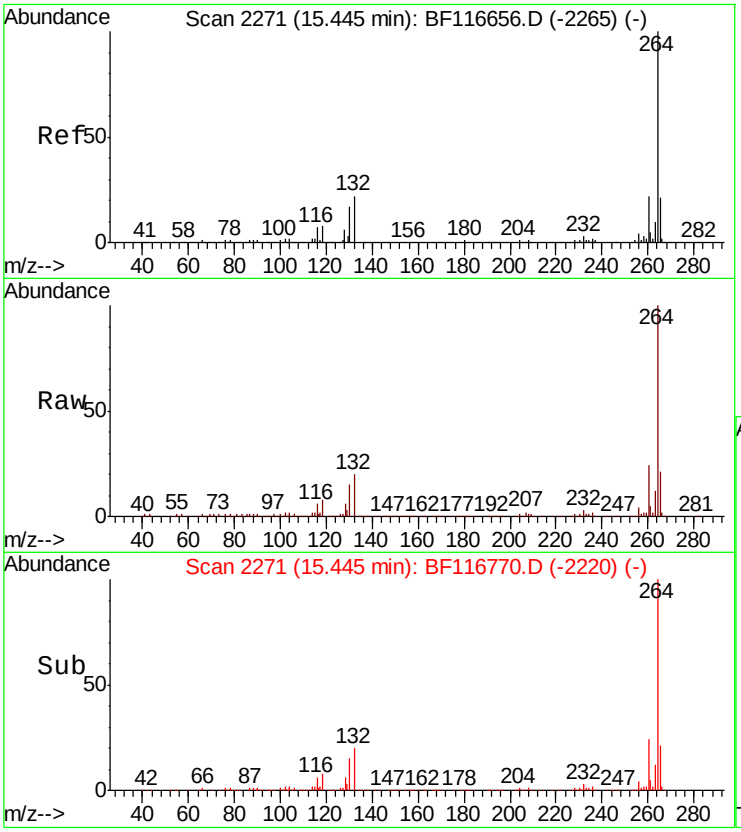




#79
Terphenyl-d14
Concen: 60.825 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:244 Resp: 1085548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.1 | 9.1 |
| 122 | 13.6 | 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: BF116770.D
Acq: 3 Sep 2019 14:17

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

Tgt Ion:264 Resp: 344529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.3 | 27.5 |
| 265 | 21.0 | 16.5 | 24.7 |