Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110205.D
Acq On : 26 Oct 2018 12:07
Operator : JU/SJ
Sample : J5662-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 102318-SIDI-F-D-S

Quant Time: Oct 26 14:40:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

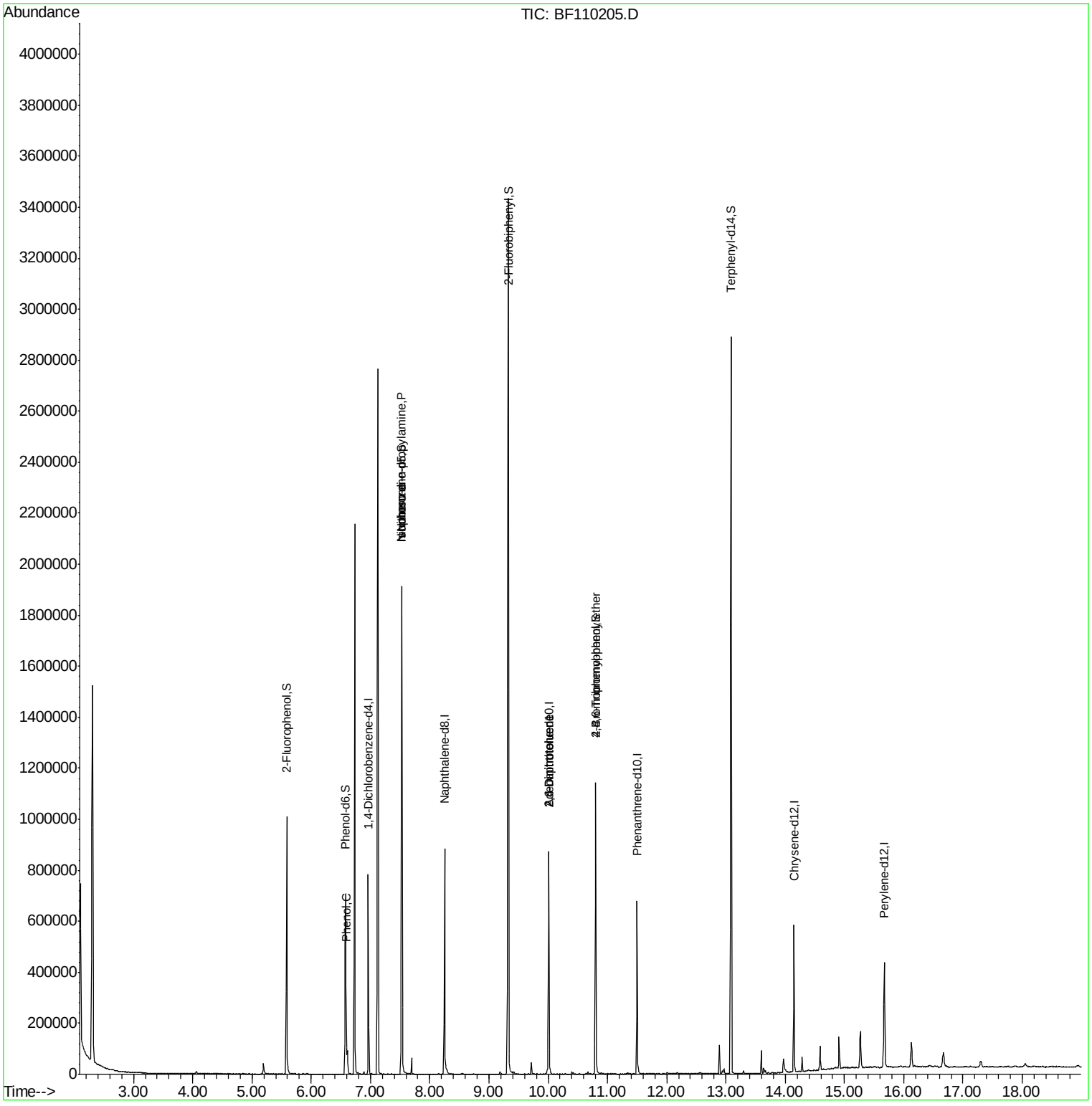
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 117437 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 8.25 | 136 | 422463 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 10.01 | 164 | 166895 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 11.50 | 188 | 270122 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 14.14 | 240 | 202273 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 15.67 | 264 | 148068 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 285701 | 39.62 | ng | -0.01 |
| 7) Phenol-d6 | 6.58 | 99 | 214609 | 23.27 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 689533 | 96.81 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 124039 | 75.03 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 9.33 | 172 | 1153001 | 108.48 | ng | -0.01 |
| 79) Terphenyl-d14 | 13.09 | 244 | 922925 | 94.89 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.59 | 94 | 50741 | 5.146 | ng | # 63 |
| 19) n-Nitroso-di-n-propylamine | 7.53 | 70 | 90801 | 15.344 | ng | # 81 |
| 25) Isophorone | 7.53 | 82 | 689526 | 56.792 | ng | # 67 |
| 51) 2,6-Dinitrotoluene | 10.01 | 165 | 21428 | 8.075 | ng | # 22 |
| 57) 2,4-Dinitrotoluene | 10.01 | 165 | 21428 | 6.357 | ng | # 19 |
| 67) 4-Bromophenyl-phenylether | 10.80 | 248 | 7556 | 2.579 | ng | # 1 |

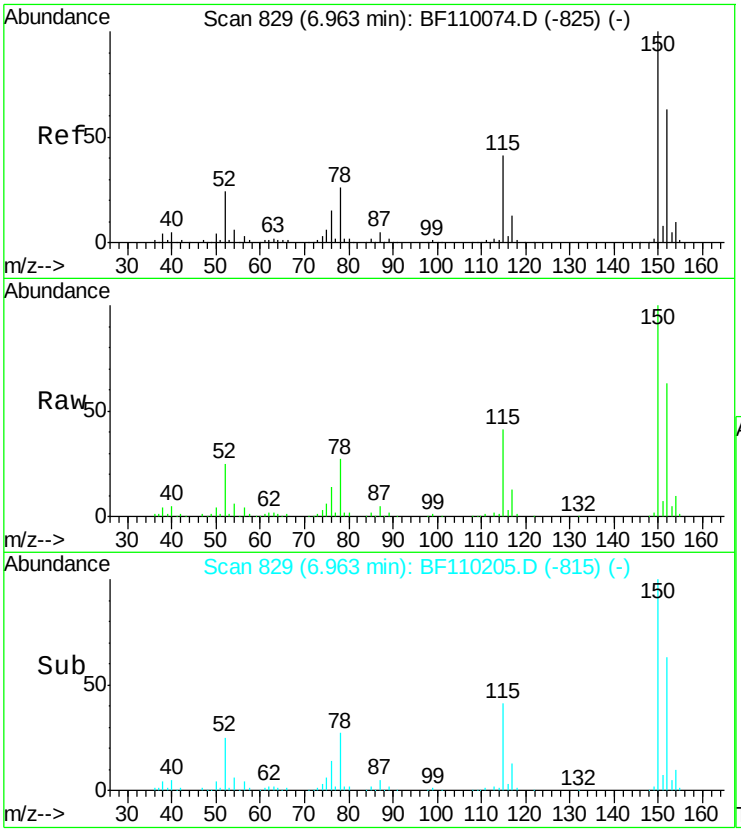
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110205.D
Acq On : 26 Oct 2018 12:07
Operator : JU/SJ
Sample : J5662-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Quant Time: Oct 26 14:40:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



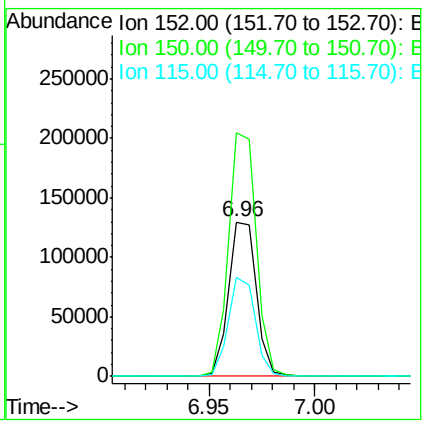


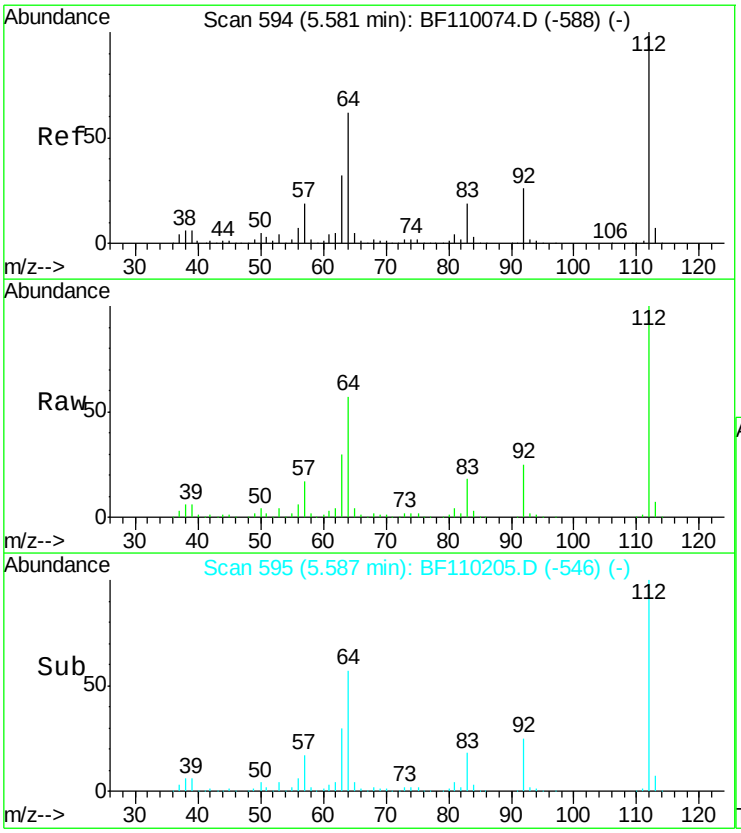

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:152 Resp: 117437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 122.7 | 184.1 |
| 115 | 64.2 | 49.1 | 73.7 |

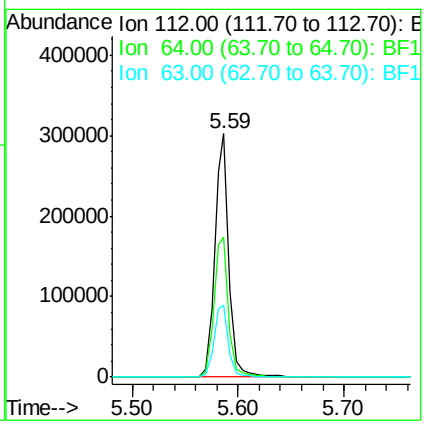


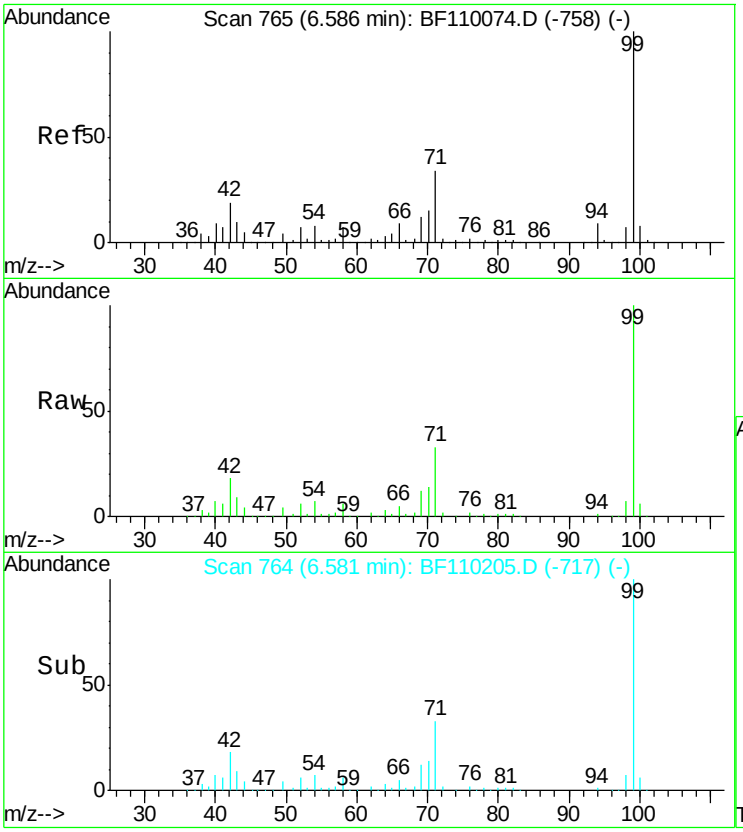




#5
2-Fluorophenol
Concen: 39.617 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:112 Resp: 285701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.3 | 44.1 | 66.1 |
| 63 | 29.9 | 23.7 | 35.5 |



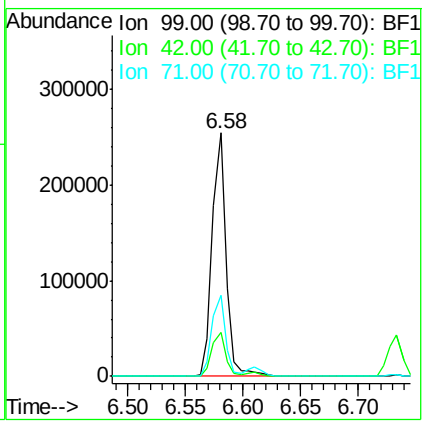


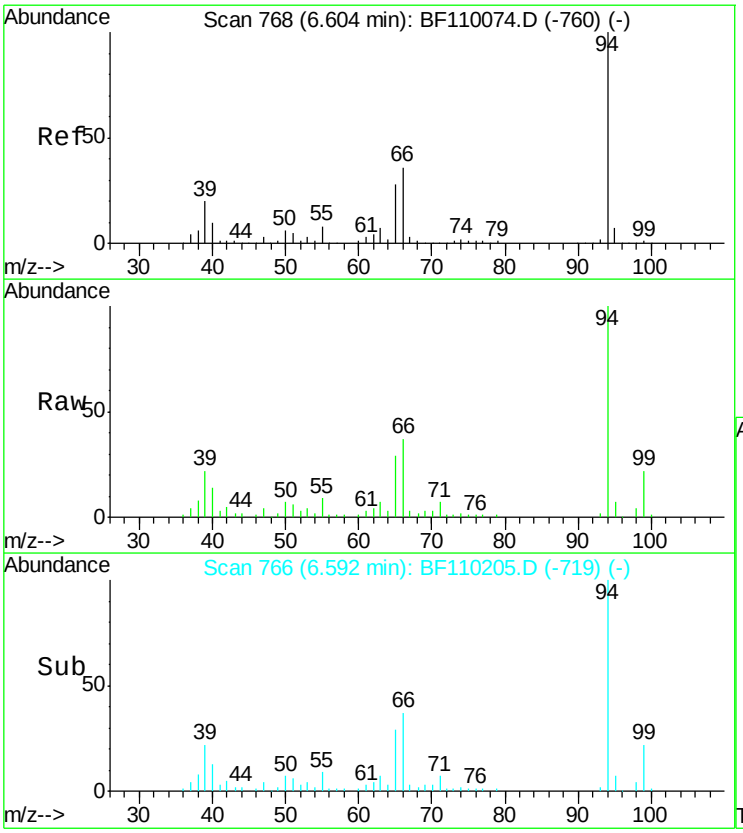

#7
Phenol-d6
Concen: 23.266 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion: 99 Resp: 214609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.0 | 15.8 | 23.6 |
| 71 | 33.2 | 28.0 | 42.0 |

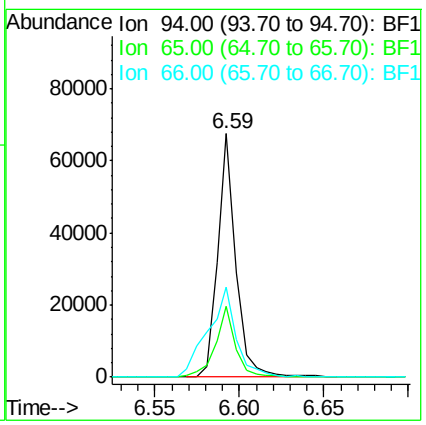


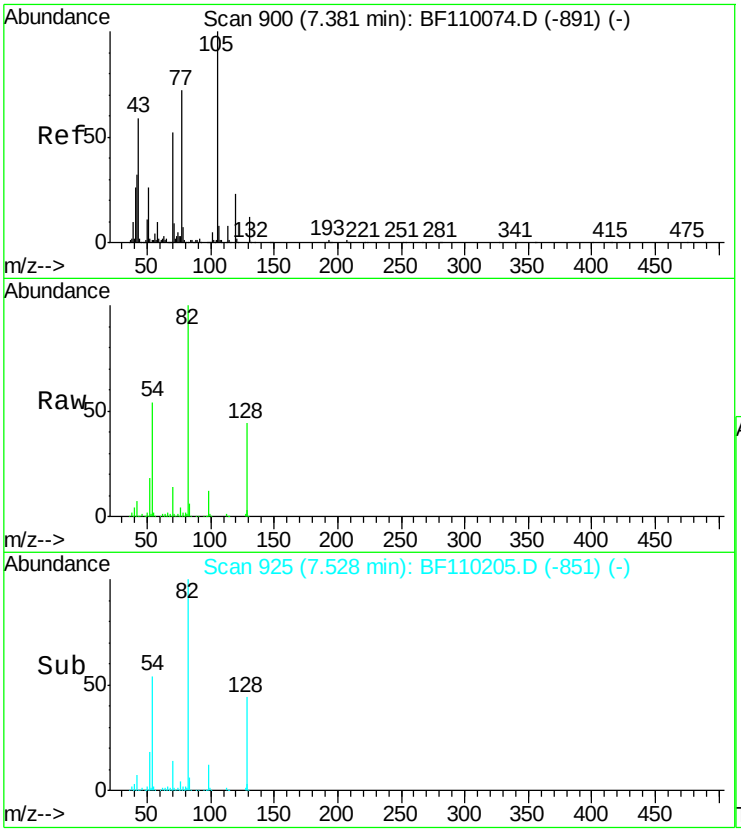




#10
Phenol
Concen: 5.146 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion: 94 Resp: 50741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.8 | 25.3 | 65.3 |
| 66 | 36.9 | 54.5 | 94.5# |



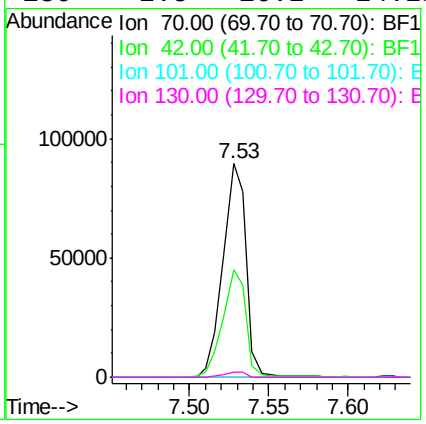


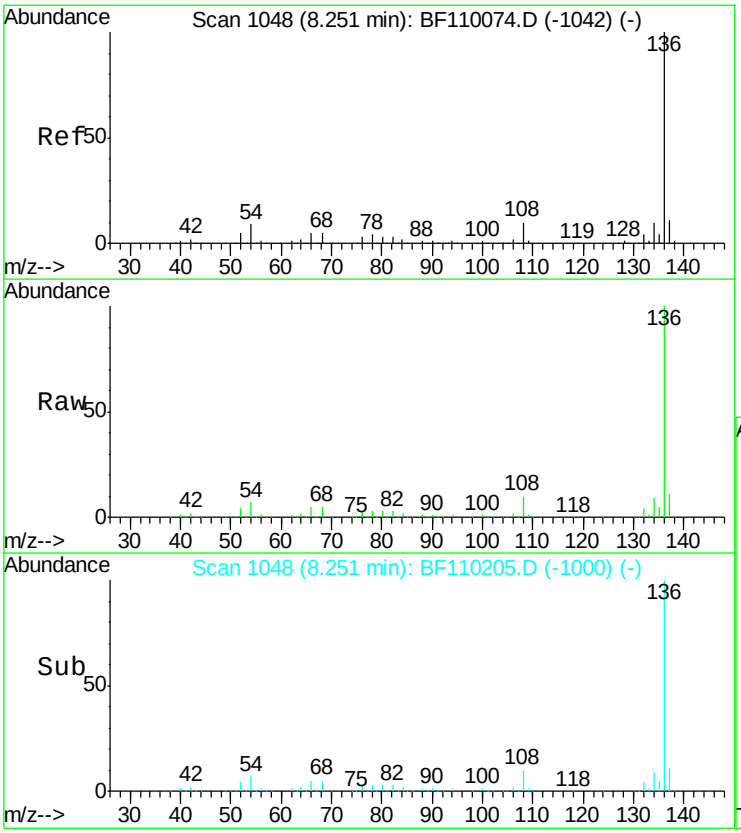

#19
n-Nitroso-di-n-propylamine
Concen: 15.344 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion: 70 Resp: 90801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.3 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.5 | 16.2 | 24.2# |

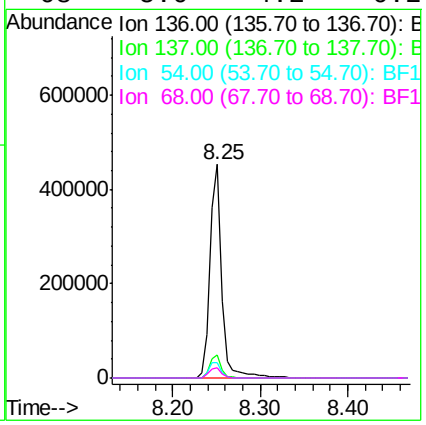


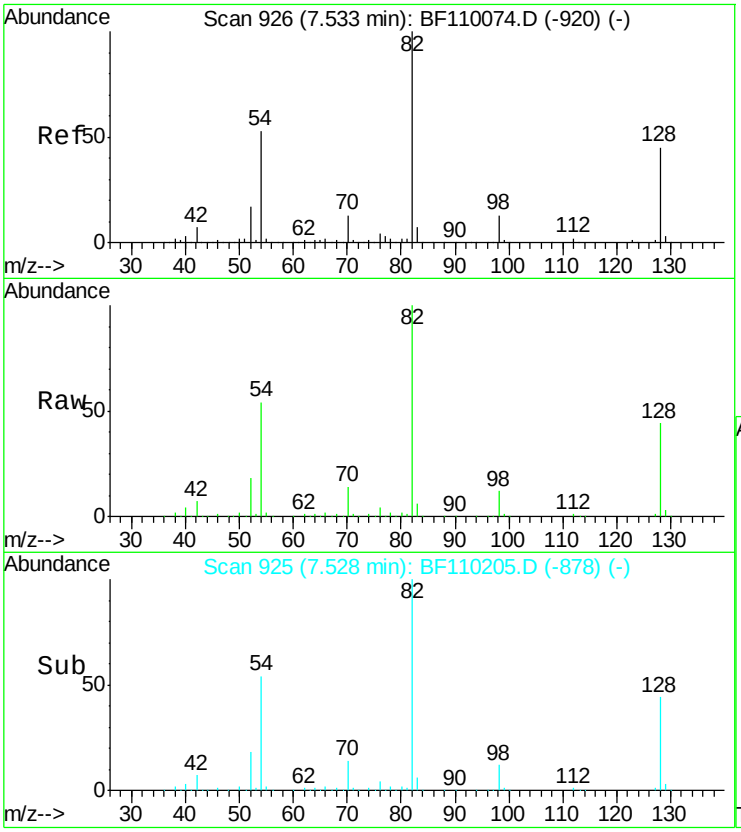




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:136 Resp: 422463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 7.5 | 5.4 | 8.2 |
| 68 | 5.0 | 4.2 | 6.2 |



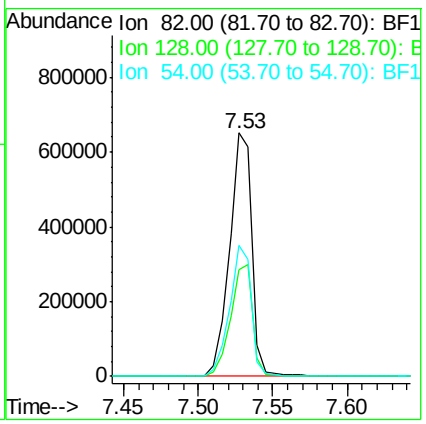


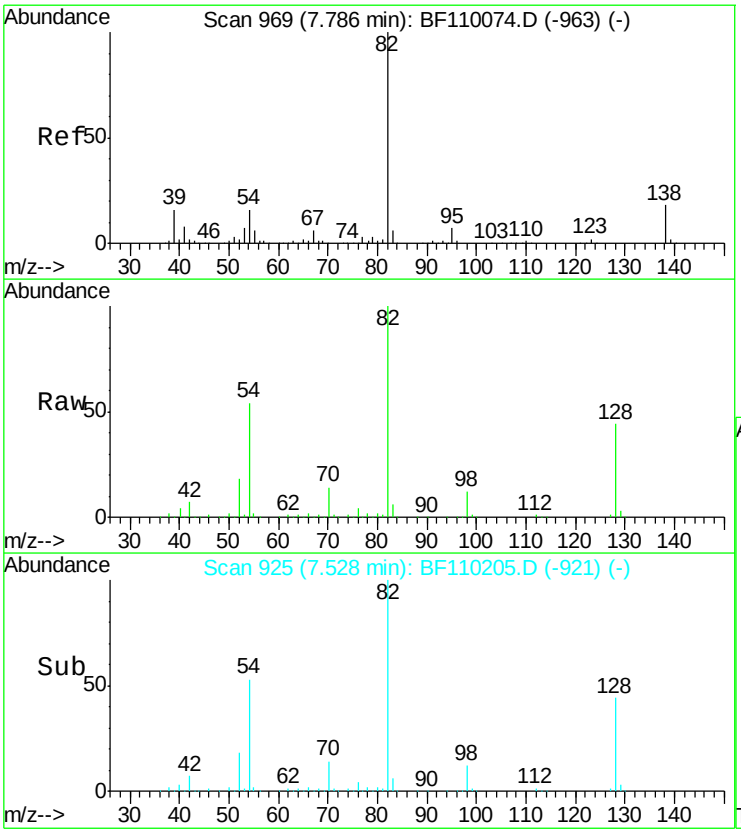

#23
Nitrobenzene-d5
Concen: 96.809 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion: 82 Resp: 689533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 34.2 | 51.2 |
| 54 | 53.6 | 38.6 | 58.0 |

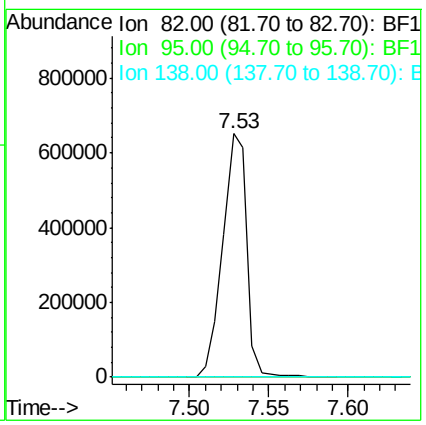


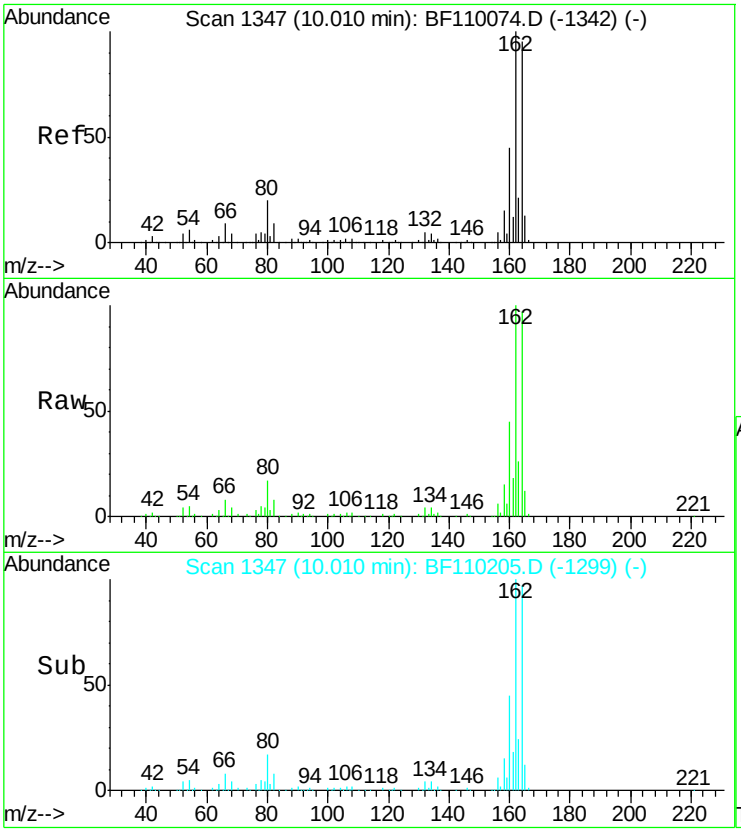




#25
Isophorone
Concen: 56.792 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion: 82 Resp: 689526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.7 | 8.5# |
| 138 | 0.0 | 13.2 | 19.8# |



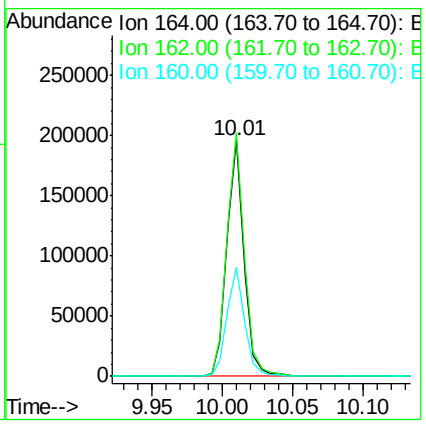


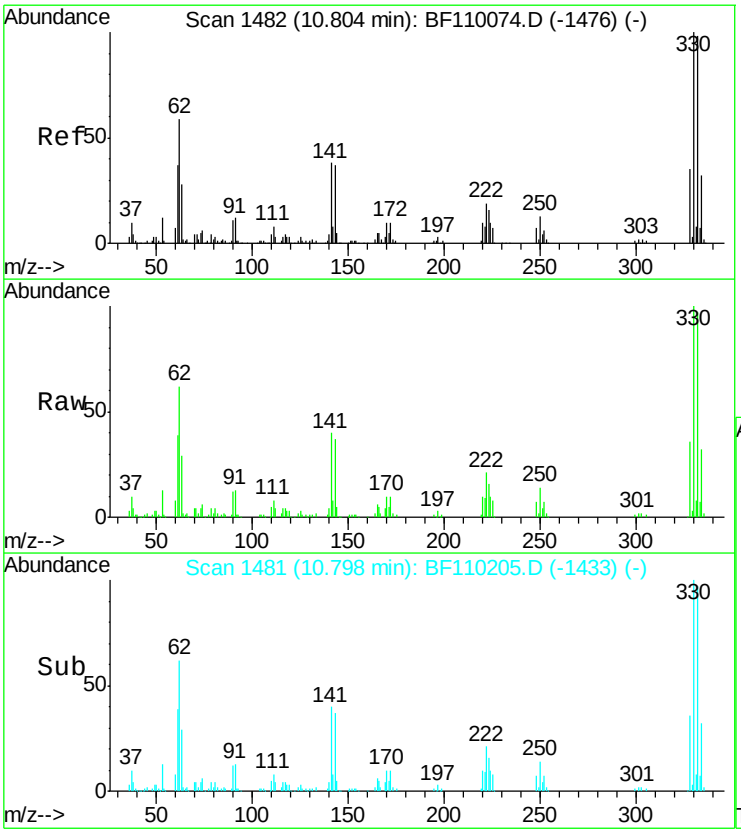

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:164 Resp: 166895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 83.0 | 124.6 |
| 160 | 46.5 | 37.0 | 55.6 |

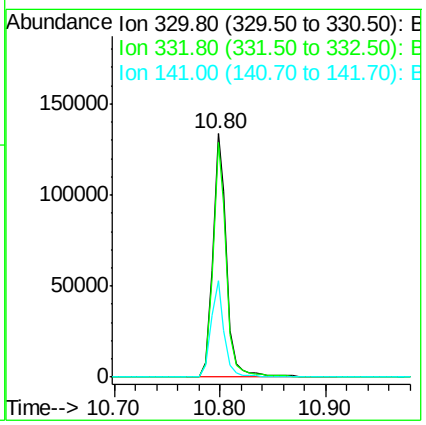


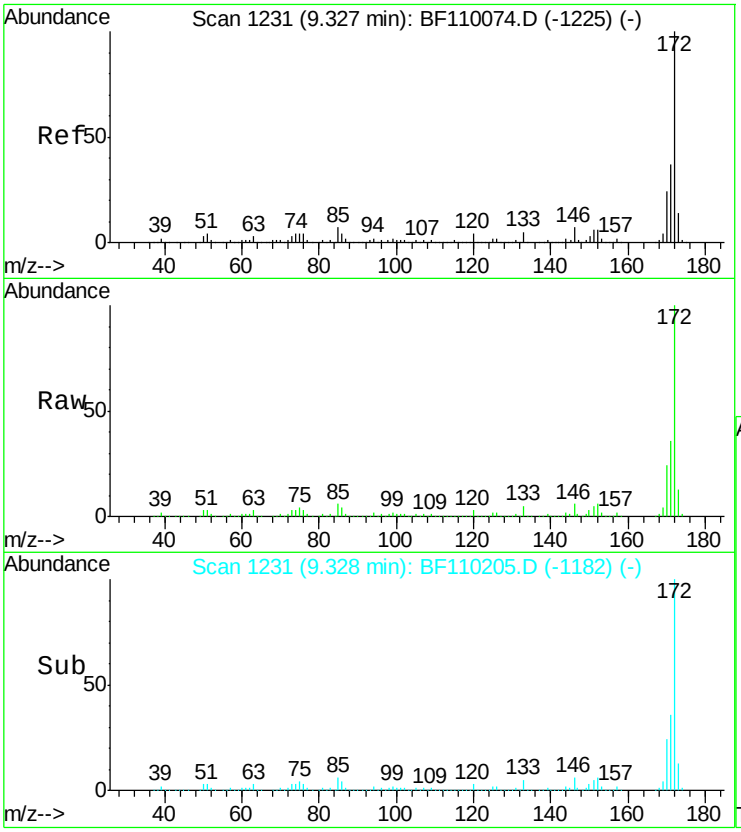




#42
2,4,6-Tribromophenol
Concen: 75.029 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:330 Resp: 124039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.0 | 77.1 | 115.7 |
| 141 | 37.6 | 27.0 | 40.4 |



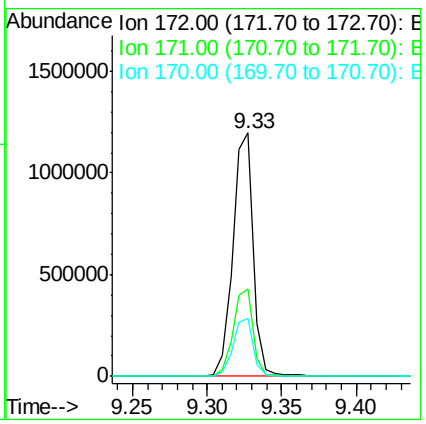


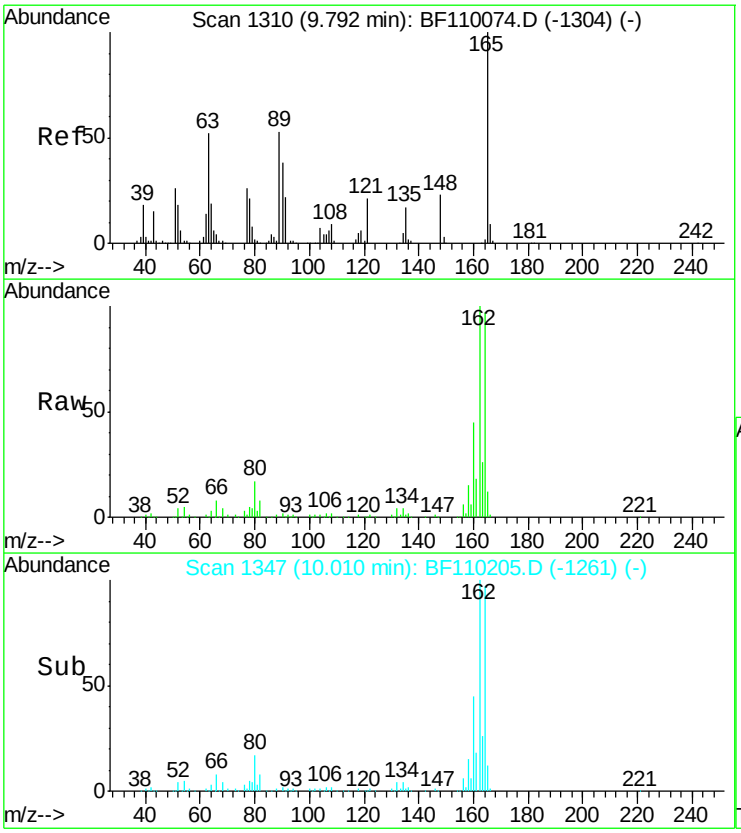

#45
2-Fluorobiphenyl
Concen: 108.482 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:172 Resp: 1153001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.6 | 43.0 |
| 170 | 23.9 | 19.7 | 29.5 |

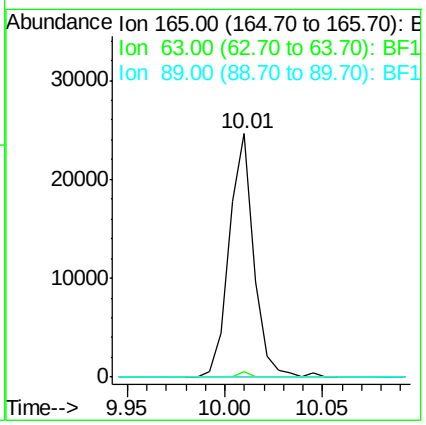


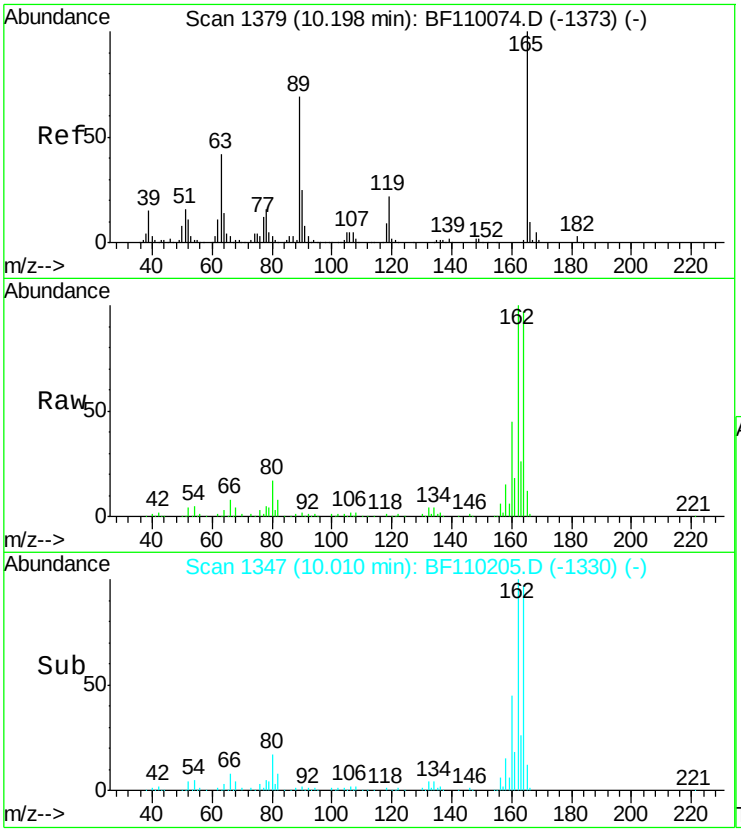




#51
2,6-Dinitrotoluene
Concen: 8.075 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:165 Resp: 21428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.2 | 48.9 | 73.3# |
| 89 | 0.0 | 46.6 | 69.8# |



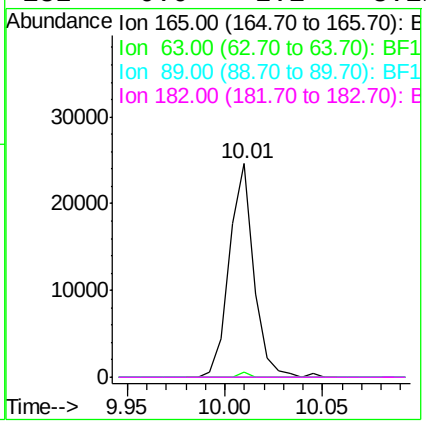


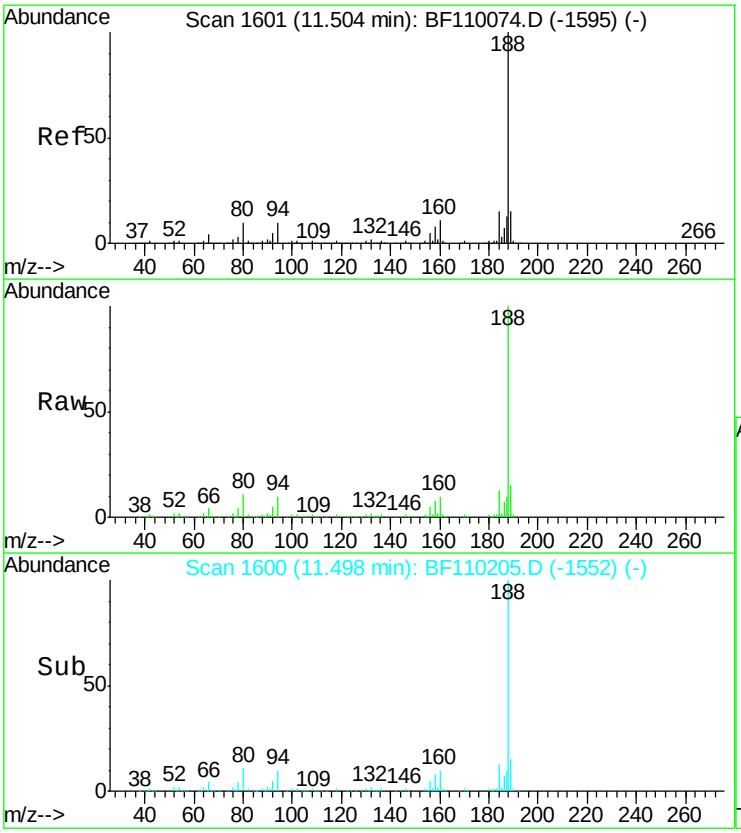

#57
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:165 Resp: 21428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.2 | 44.8 | 67.2# |
| 89 | 0.0 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |

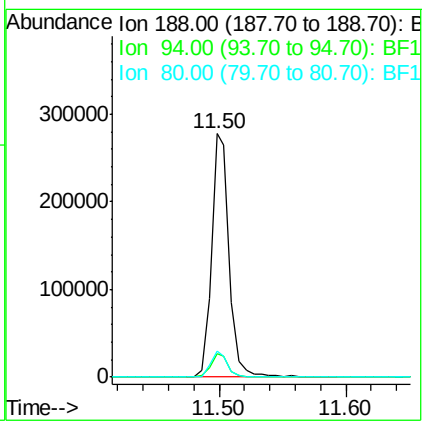


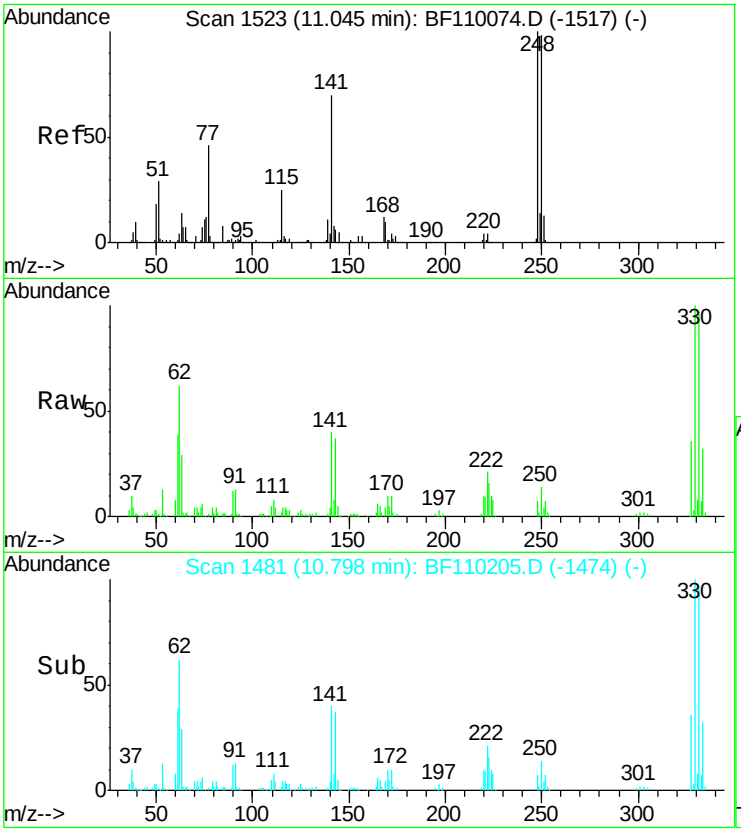




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:188 Resp: 270122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 7.2 | 10.8 |
| 80 | 10.6 | 7.9 | 11.9 |



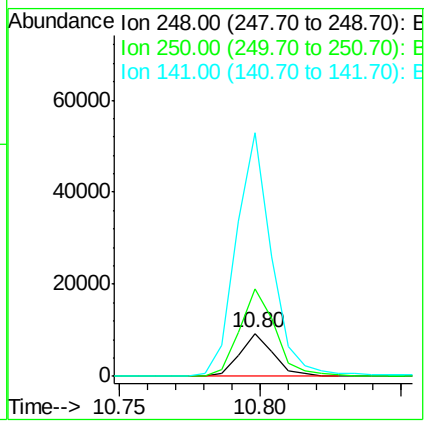


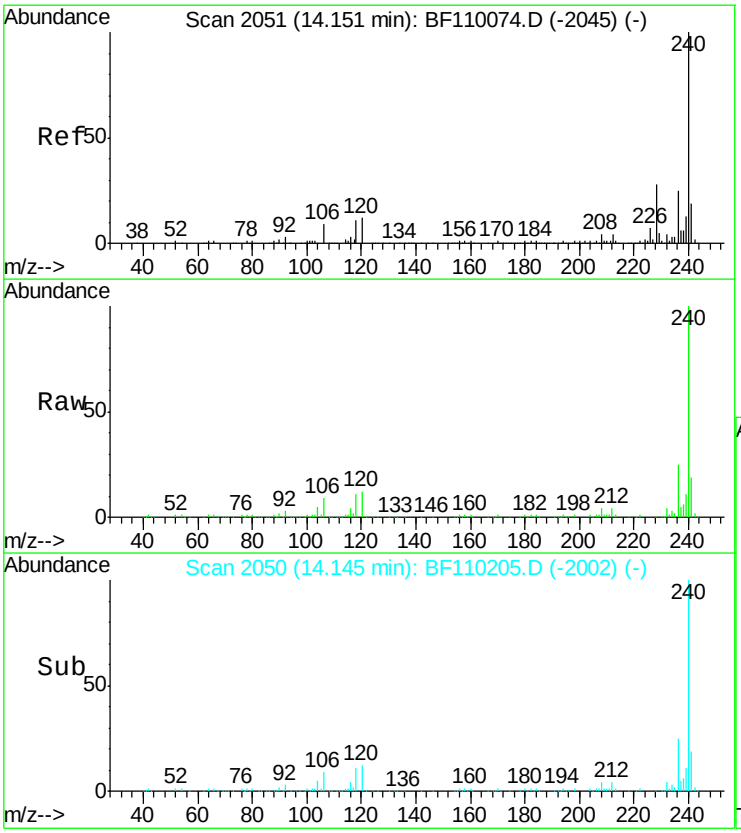

#67
4-Bromophenyl-phenylether
Concen: 2.579 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:248 Resp: 7556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 204.4 | 79.4 | 119.2# |
| 141 | 570.3 | 55.9 | 83.9# |

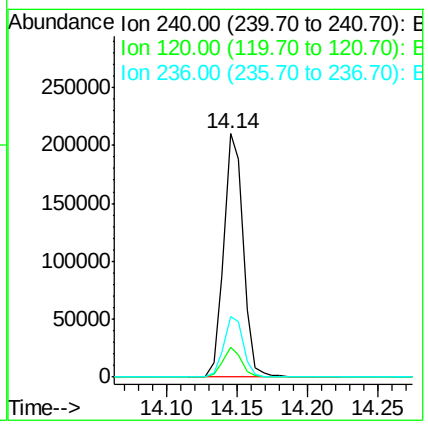


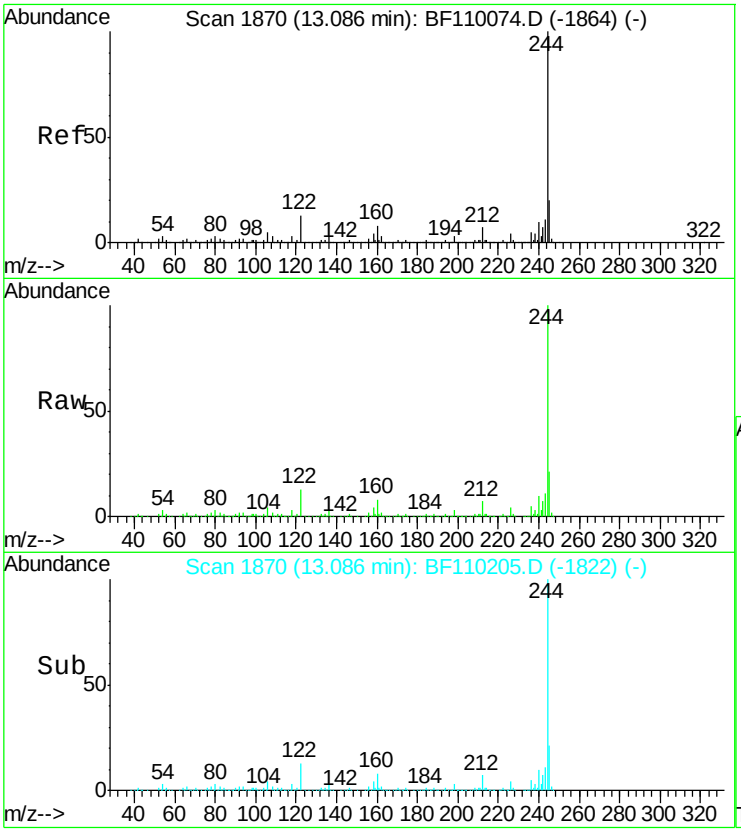




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:240 Resp: 202273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.4 | 8.3 | 12.5 |
| 236 | 24.8 | 21.2 | 31.8 |



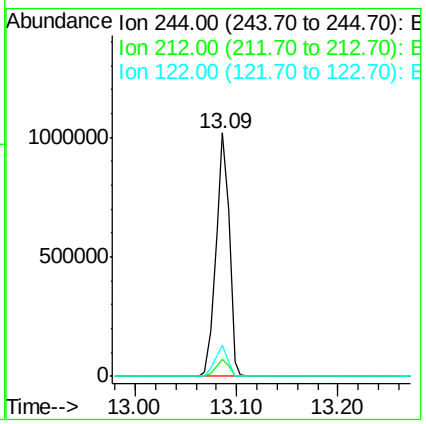


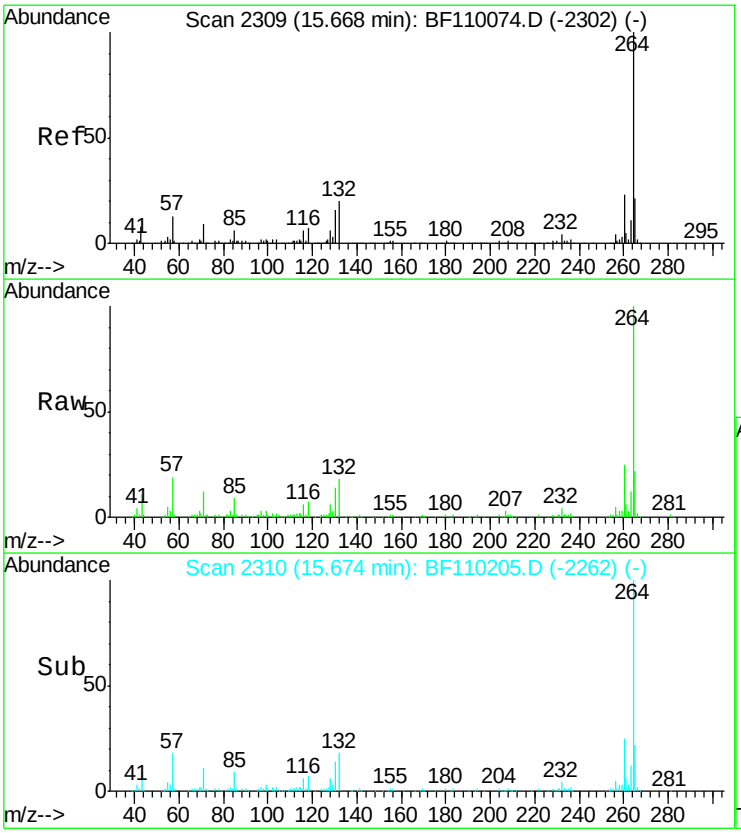

#79
Terphenyl-d14
Concen: 94.892 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

**Instrument :**
BNA_F
**ClientSampleId :**
102318-SIDI-F-D-S

Tgt Ion:244 Resp: 922925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.8 | 8.8 |
| 122 | 12.9 | 8.7 | 13.1 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:264 Resp: 148068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 18.7 | 28.1 |
| 265 | 21.7 | 16.7 | 25.1 |