Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HL-R37719-RT

Quant Time: Nov 06 00:54:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.95 | 152 | 88891 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 371673 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.99 | 164 | 186372 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.49 | 188 | 328210 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 179469 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.66 | 264 | 151912 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 569576 | 104.34 | ng | 0.00 |
| 7) Phenol-d6 | 6.58 | 99 | 746680 | 106.94 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 488851 | 78.01 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.79 | 330 | 187066 | 101.33 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.31 | 172 | 913359 | 76.95 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.07 | 244 | 751939 | 87.14 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.58 | 77 | 1602 | Below Cal | # | 1 |
| 10) Phenol | 6.59 | 94 | 59600 | 7.986 | ng | # 62 |
| 19) n-Nitroso-di-n-propylamine | 7.52 | 70 | 63519 | 14.181 | ng | # 79 |
| 25) Isophorone | 7.52 | 82 | 488848 | 45.766 | ng | # 67 |
| 50) Dimethylphthalate | 9.70 | 163 | 158936 | 11.553 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 9.99 | 165 | 23262 | 6.180 | ng | # 19 |
| 67) 4-Bromophenyl-phenylether | 10.79 | 248 | 11768 | 3.305 | ng | # 1 |

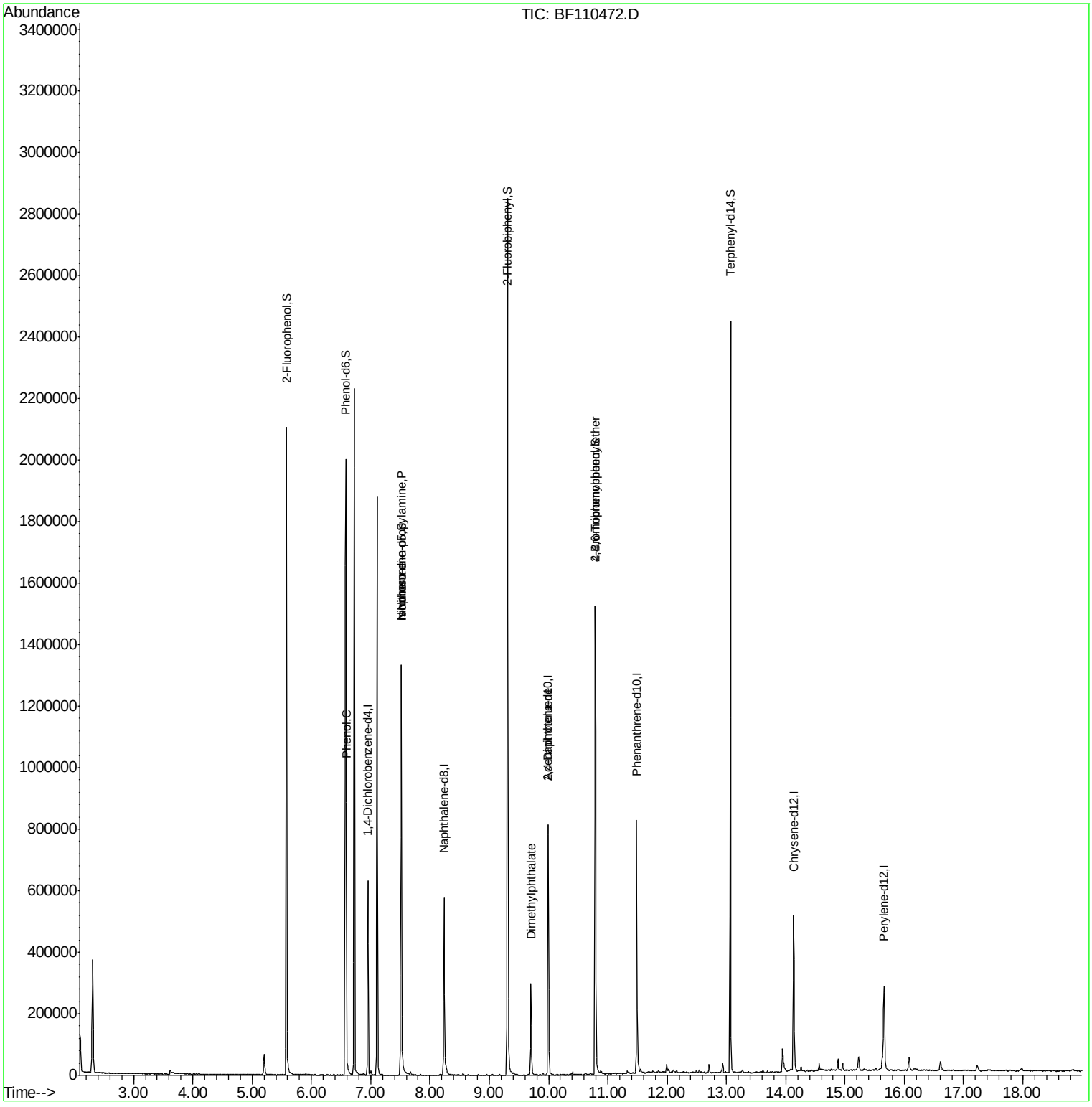
(#) = qualifier out of range (m) = manual integration (+) = signals summed

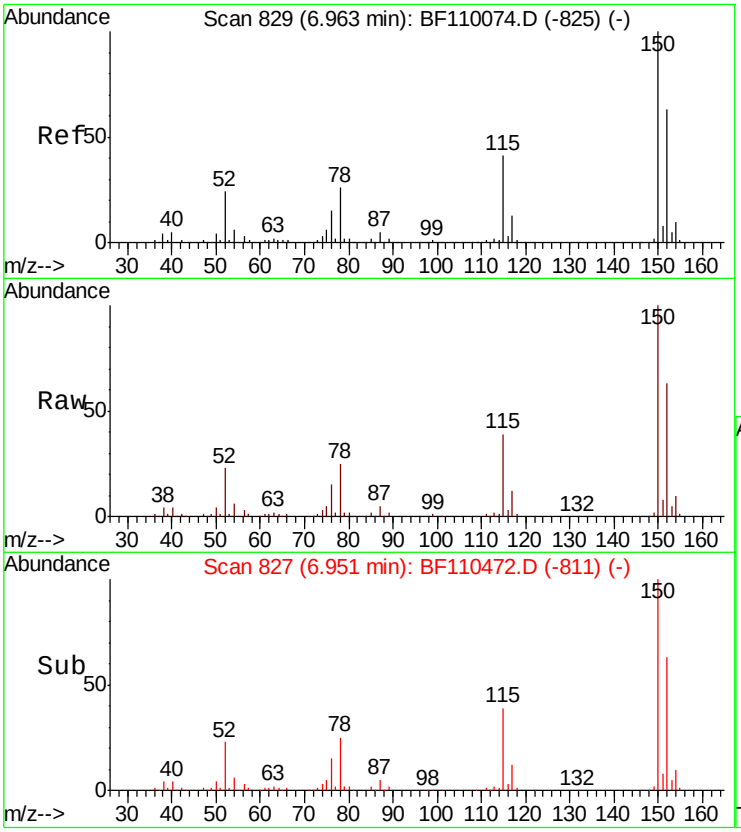
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Quant Time: Nov 06 00:54:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



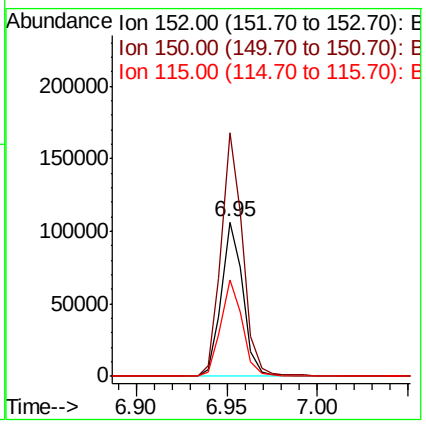


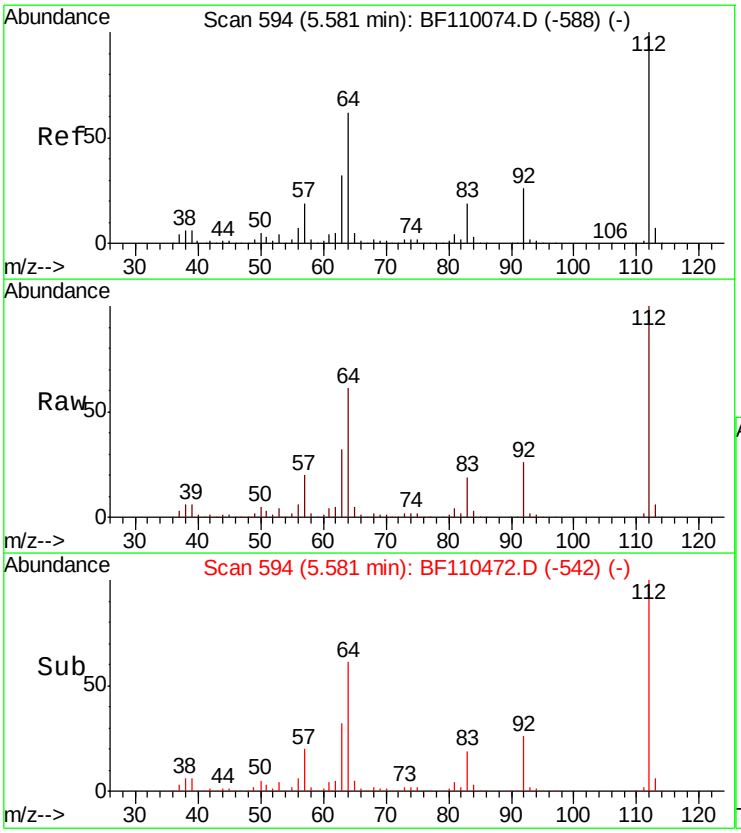

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:152 Resp: 88891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 122.7 | 184.1 |
| 115 | 62.1 | 49.1 | 73.7 |

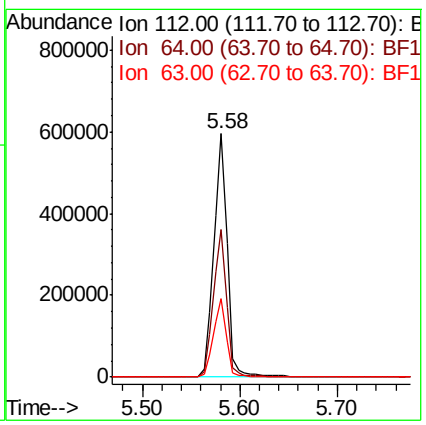


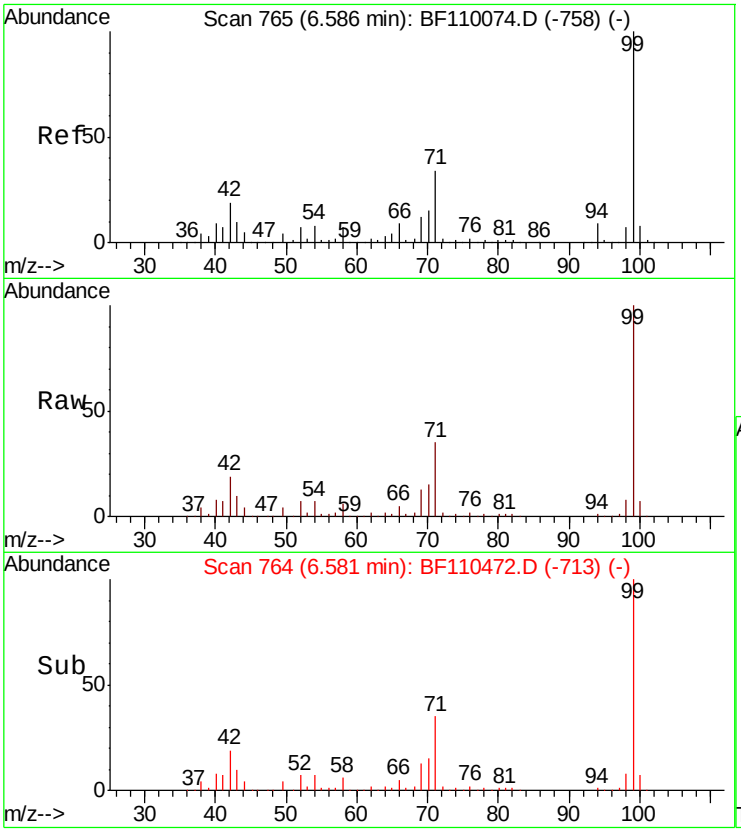




#5
2-Fluorophenol
Concen: 104.344 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:112 Resp: 569576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.7 | 44.1 | 66.1 |
| 63 | 32.4 | 23.7 | 35.5 |



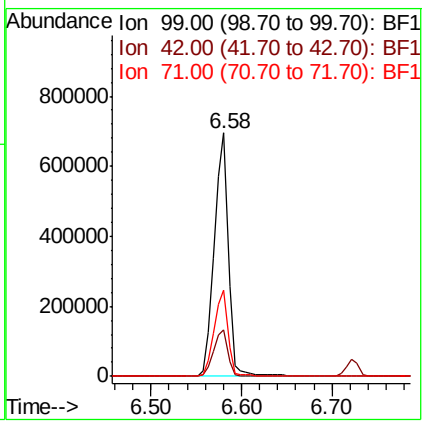


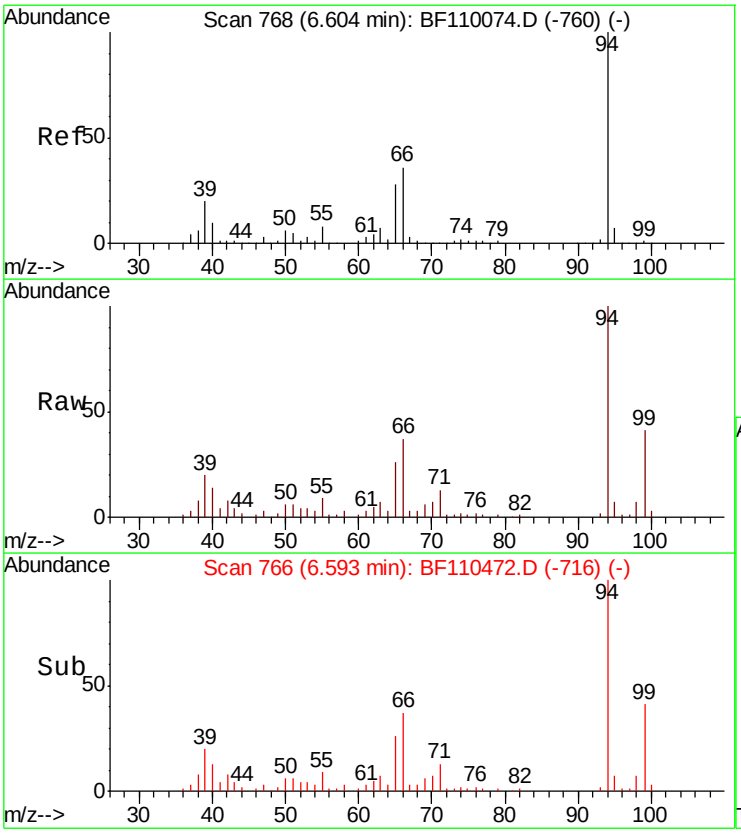

#7
Phenol-d6
Concen: 106.944 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion: 99 Resp: 746680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.0 | 15.8 | 23.6 |
| 71 | 35.5 | 28.0 | 42.0 |

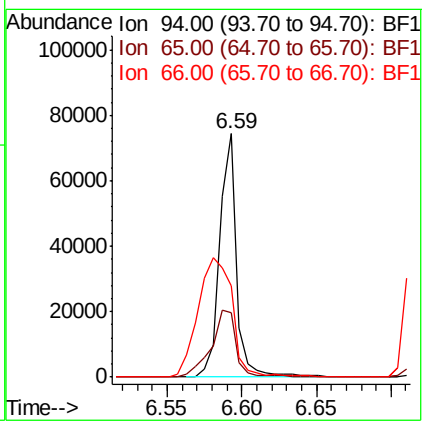


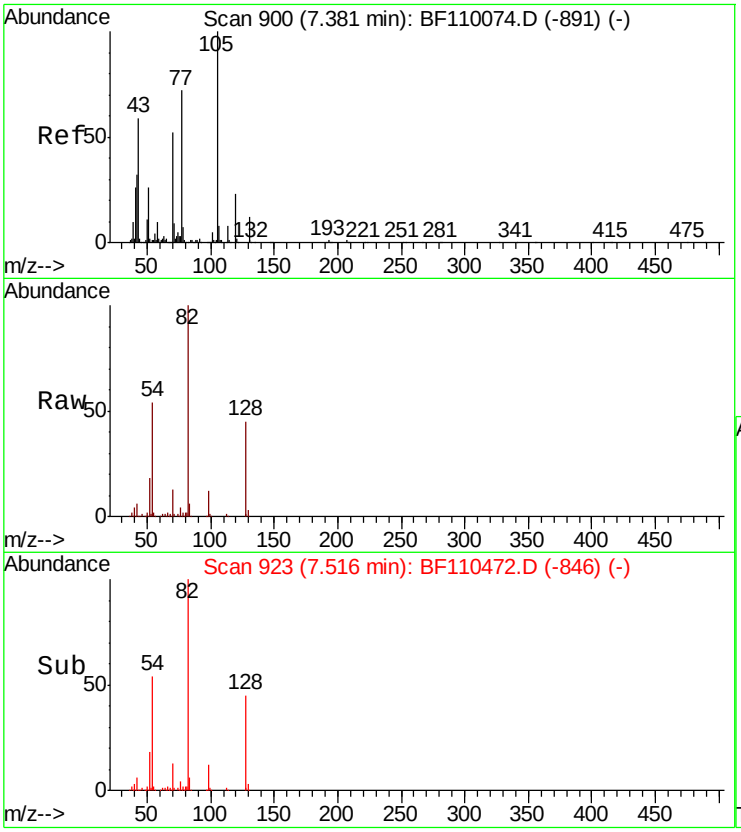




#10
Phenol
Concen: 7.986 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion: 94 Resp: 59600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.4 | 25.3 | 65.3 |
| 66 | 37.3 | 54.5 | 94.5# |



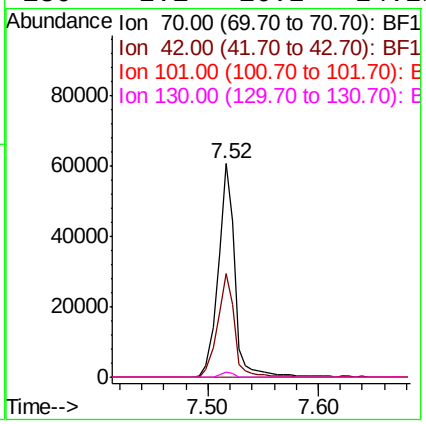


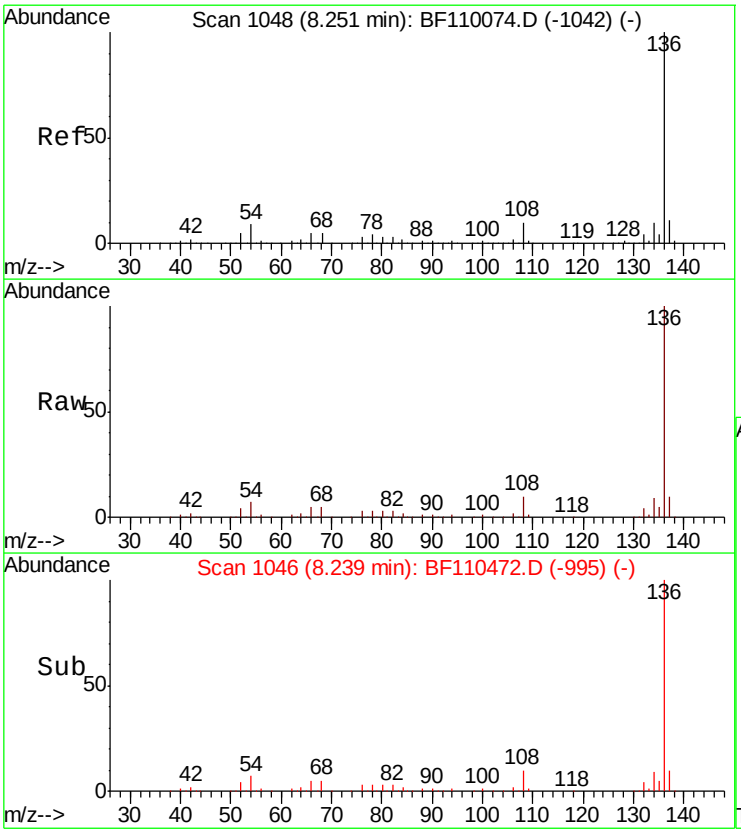

#19
n-Nitroso-di-n-propylamine
Concen: 14.181 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion: 70 Resp: 63519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.4 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.1 | 16.2 | 24.2# |

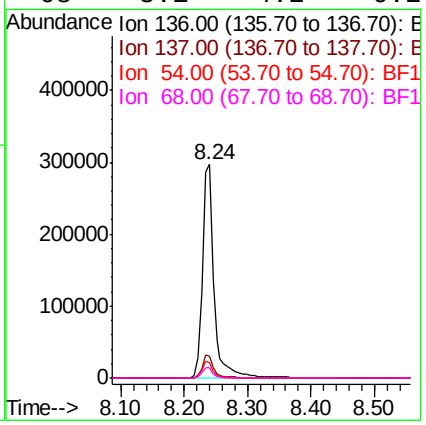


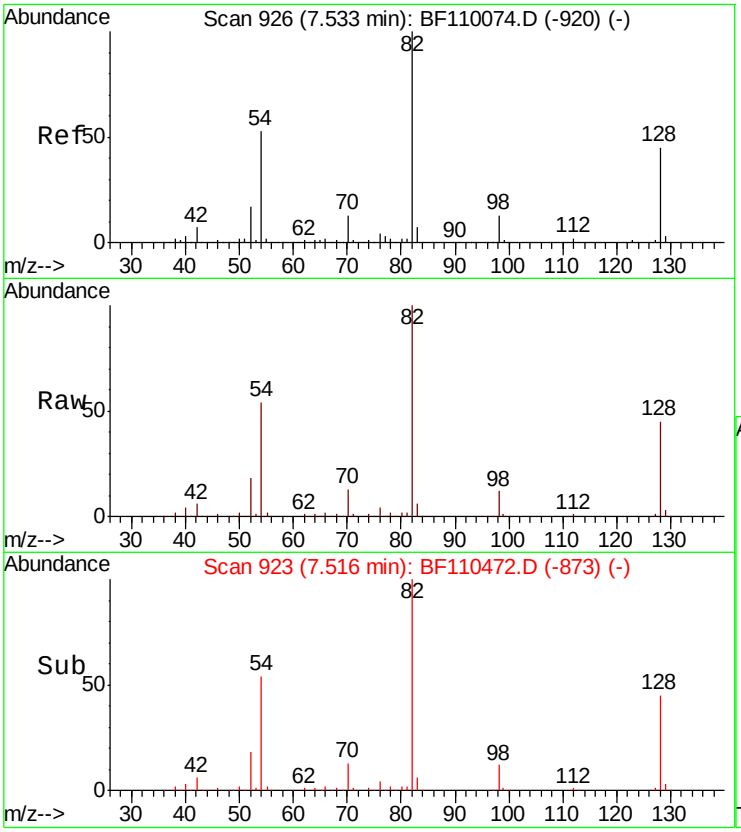




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:136 Resp: 371673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.1 | 8.8 | 13.2 |
| 54 | 7.1 | 5.4 | 8.2 |
| 68 | 5.1 | 4.2 | 6.2 |



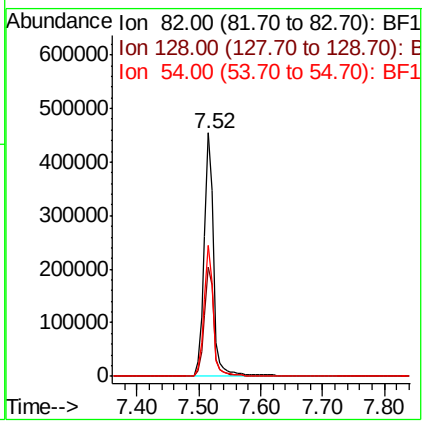


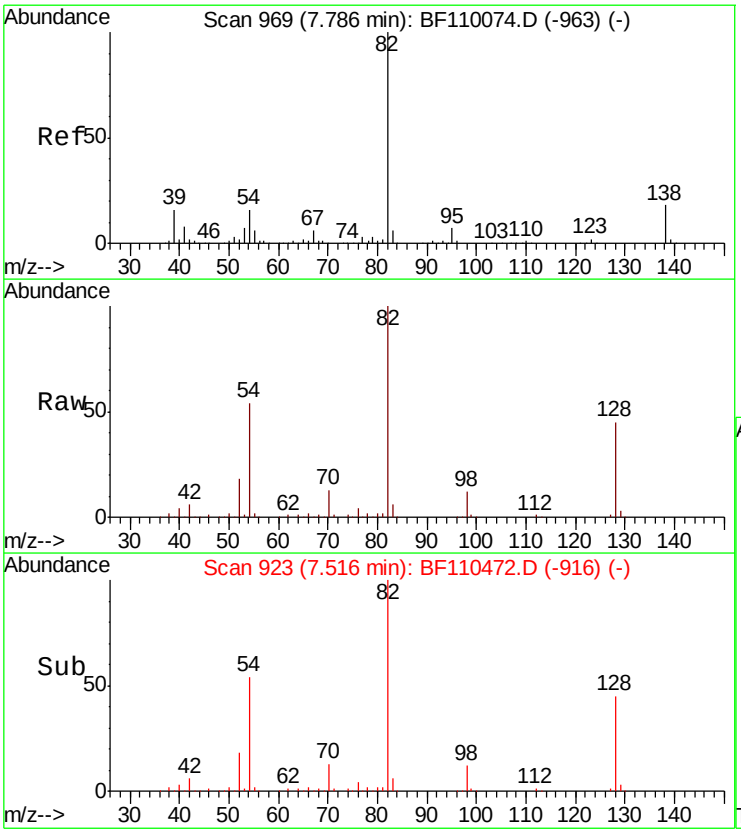

#23
Nitrobenzene-d5
Concen: 78.013 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion: 82 Resp: 488851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.6 | 34.2 | 51.2 |
| 54 | 53.6 | 38.6 | 58.0 |

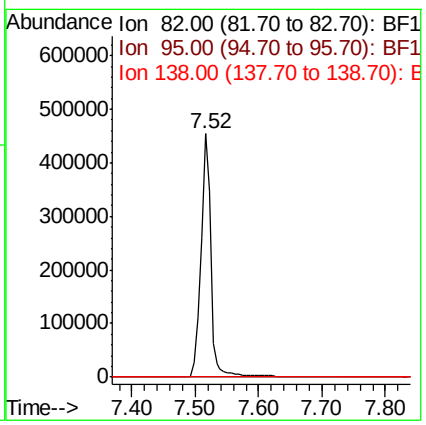


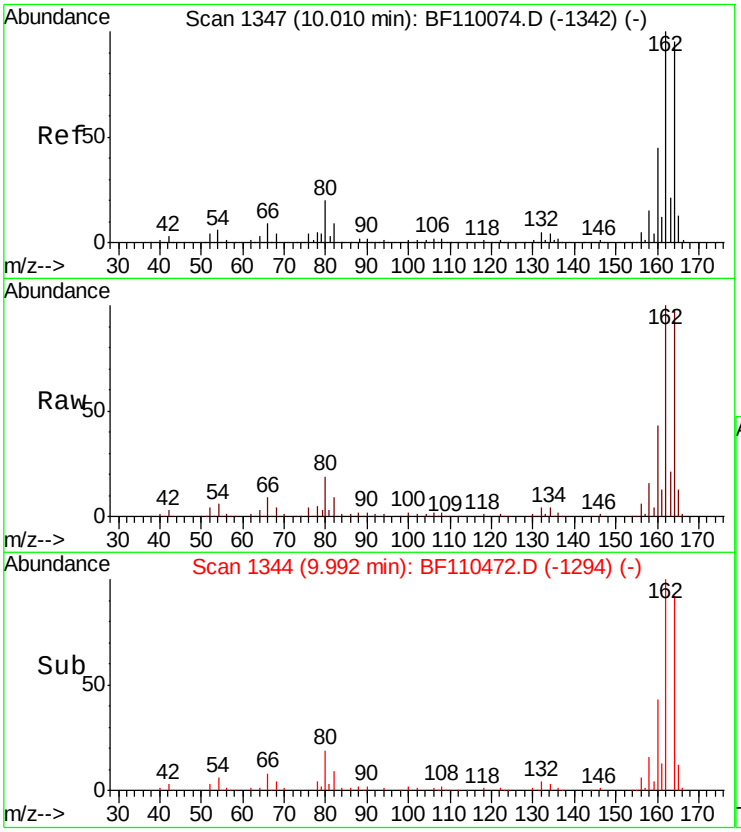




#25
Isophorone
Concen: 45.766 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion: 82 Resp: 488848

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



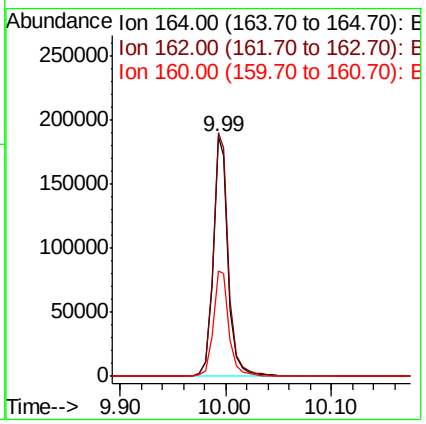


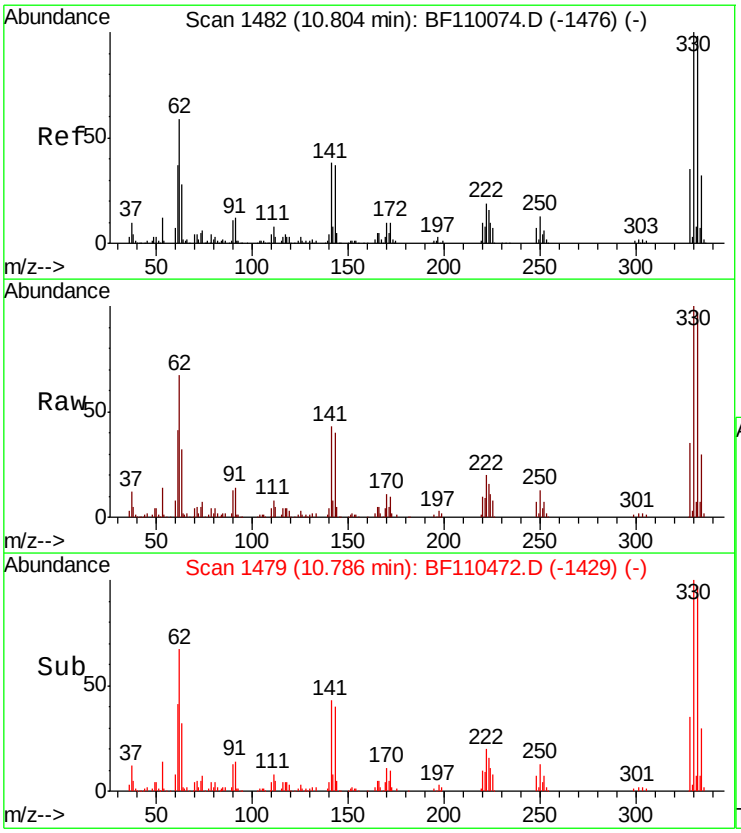

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:164 Resp: 186372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 83.0 | 124.6 |
| 160 | 44.0 | 37.0 | 55.6 |

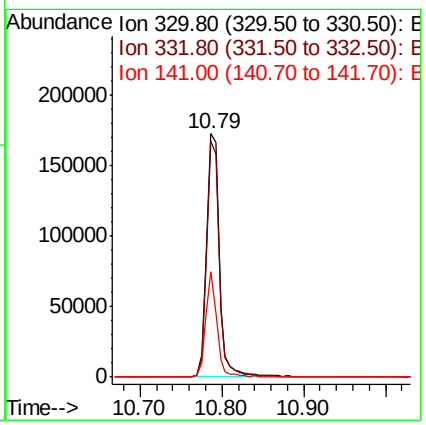


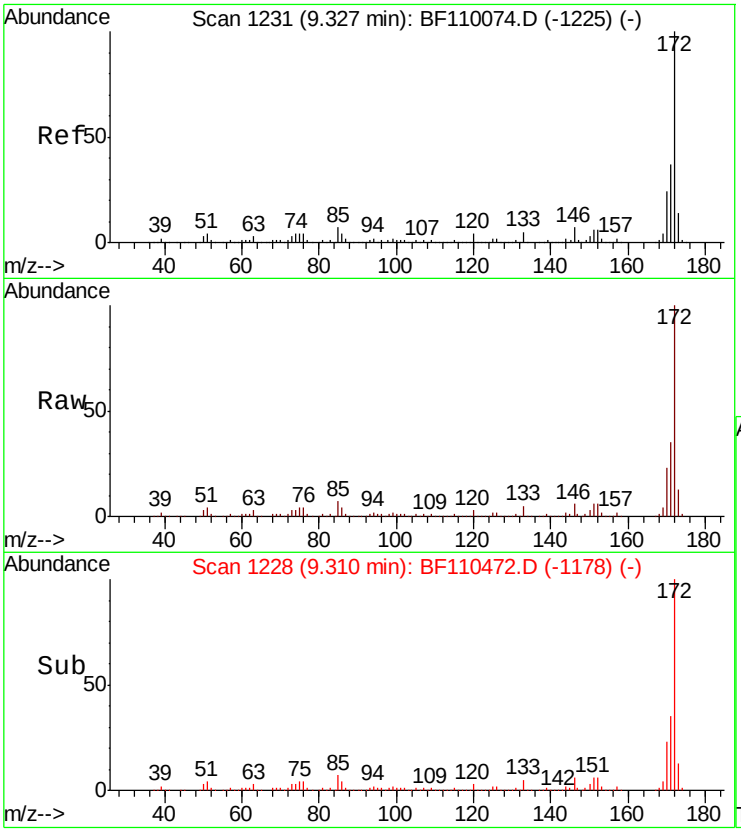




#42
2,4,6-Tribromophenol
Concen: 101.328 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:330 Resp: 187066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 77.1 | 115.7 |
| 141 | 37.9 | 27.0 | 40.4 |



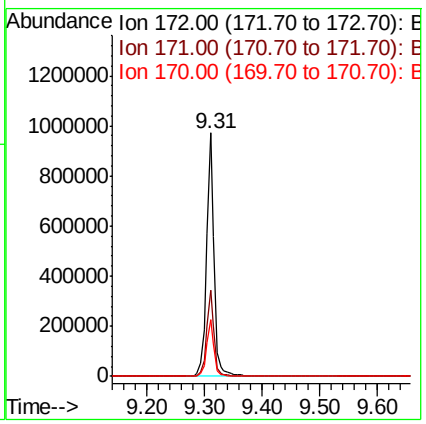


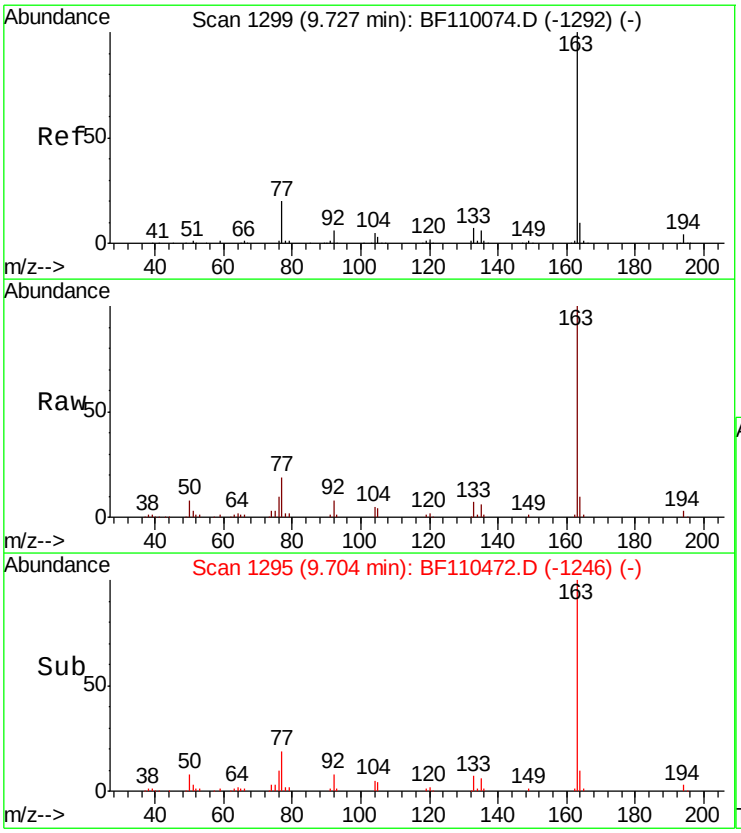

#45
2-Fluorobiphenyl
Concen: 76.954 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:172 Resp: 913359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.1 | 28.6 | 43.0 |
| 170 | 23.1 | 19.7 | 29.5 |

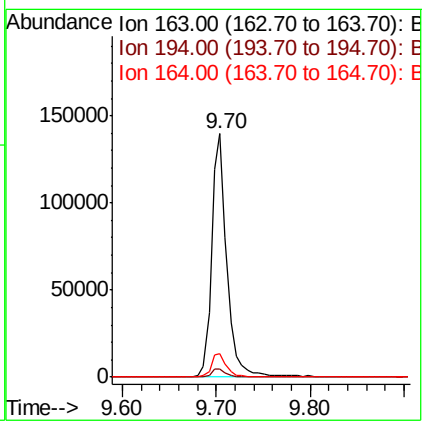


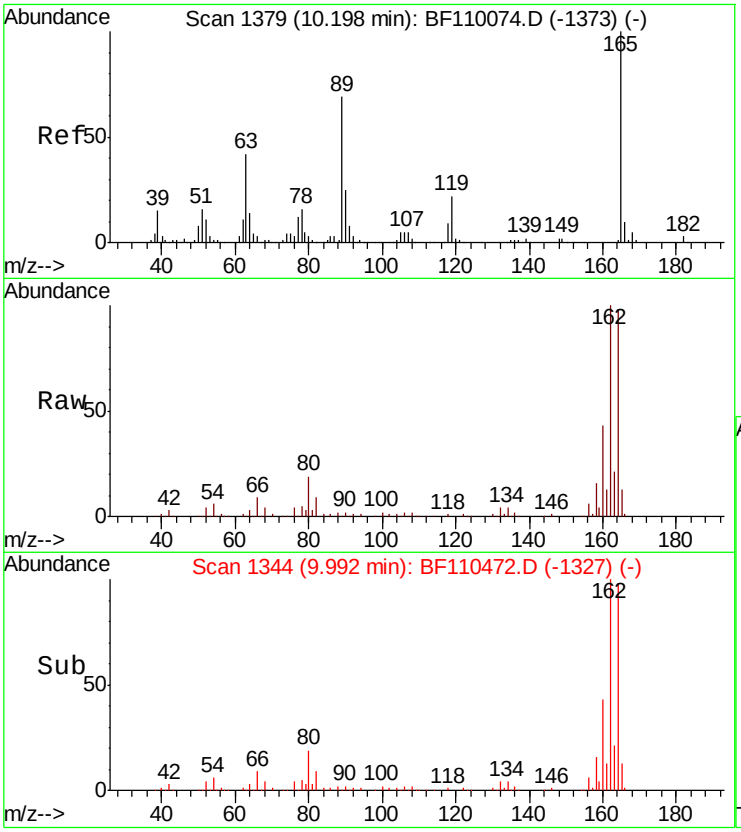




#50
Dimethylphthalate
Concen: 11.553 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:163 Resp: 158936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 3.2 | 4.8 |
| 164 | 9.8 | 8.1 | 12.1 |



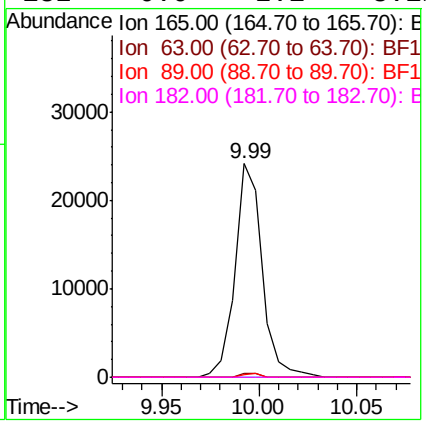


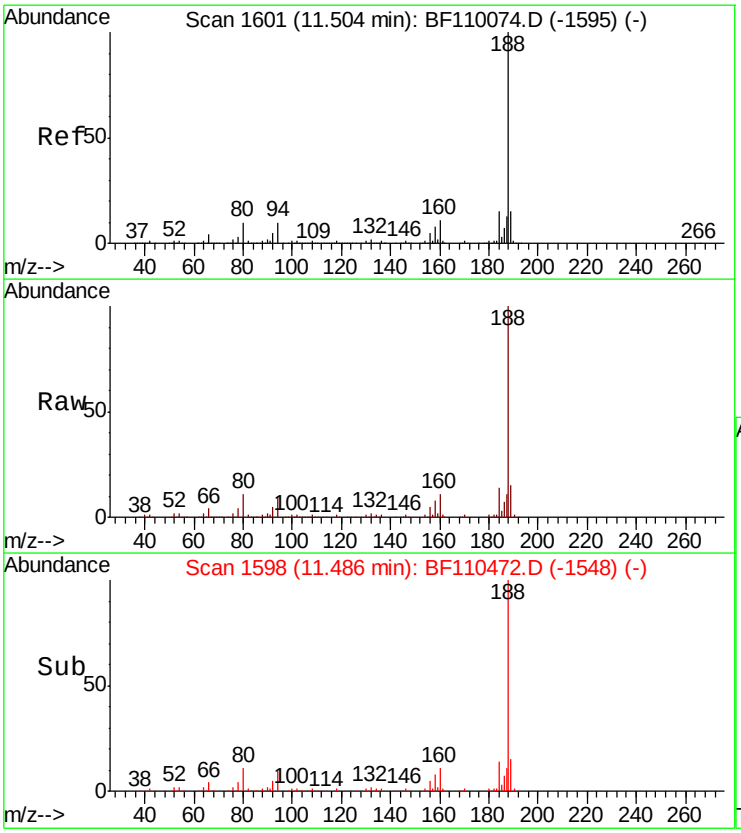

#57
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:165 Resp: 23262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 44.8 | 67.2# |
| 89 | 1.5 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |

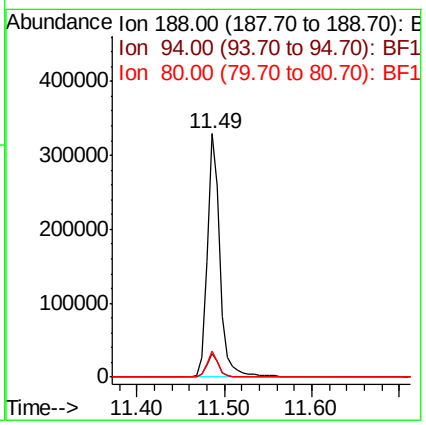


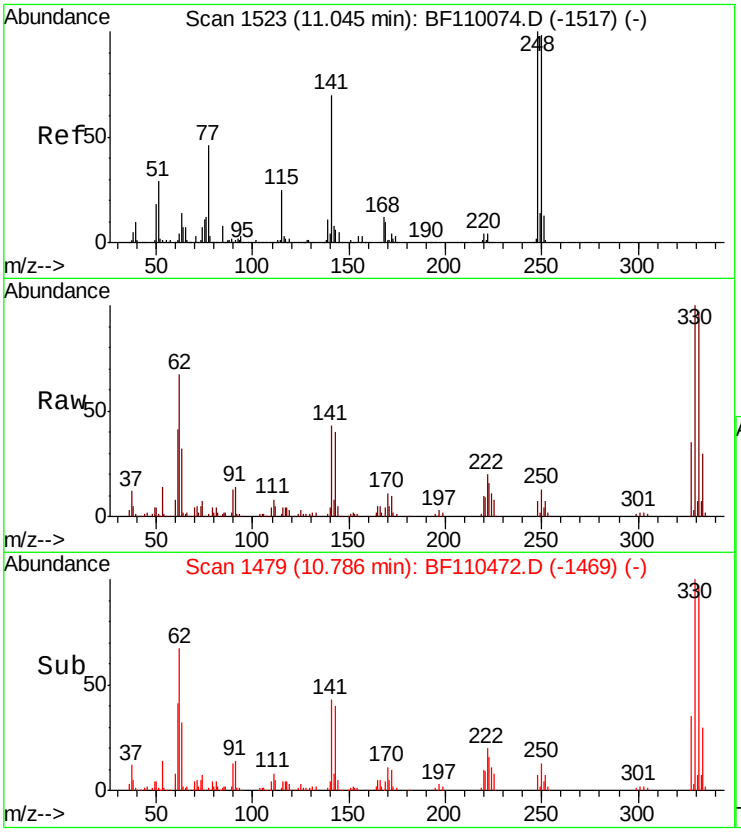




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:188 Resp: 328210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.2 | 10.8 |
| 80 | 10.5 | 7.9 | 11.9 |



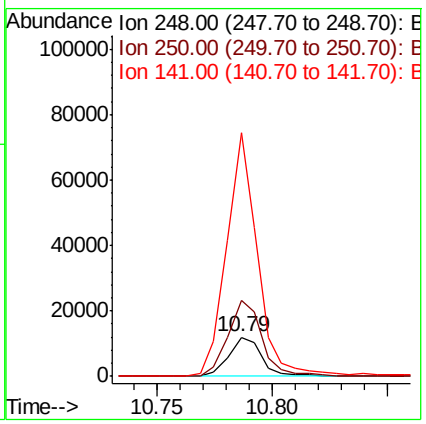


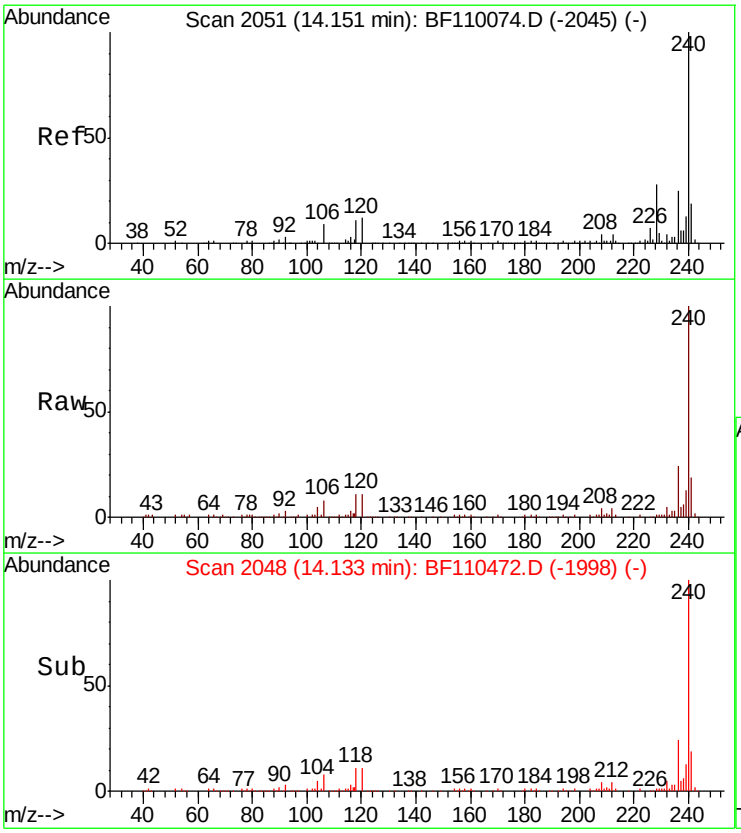

#67
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:248 Resp: 11768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 191.5 | 79.4 | 119.2# |
| 141 | 617.9 | 55.9 | 83.9# |

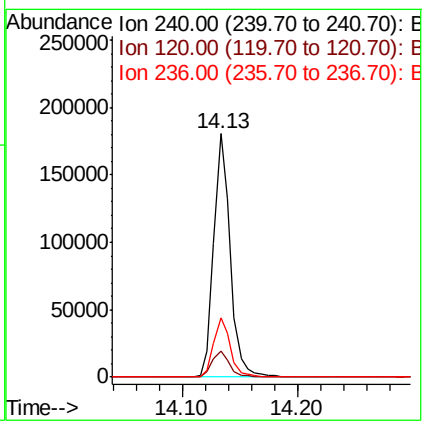


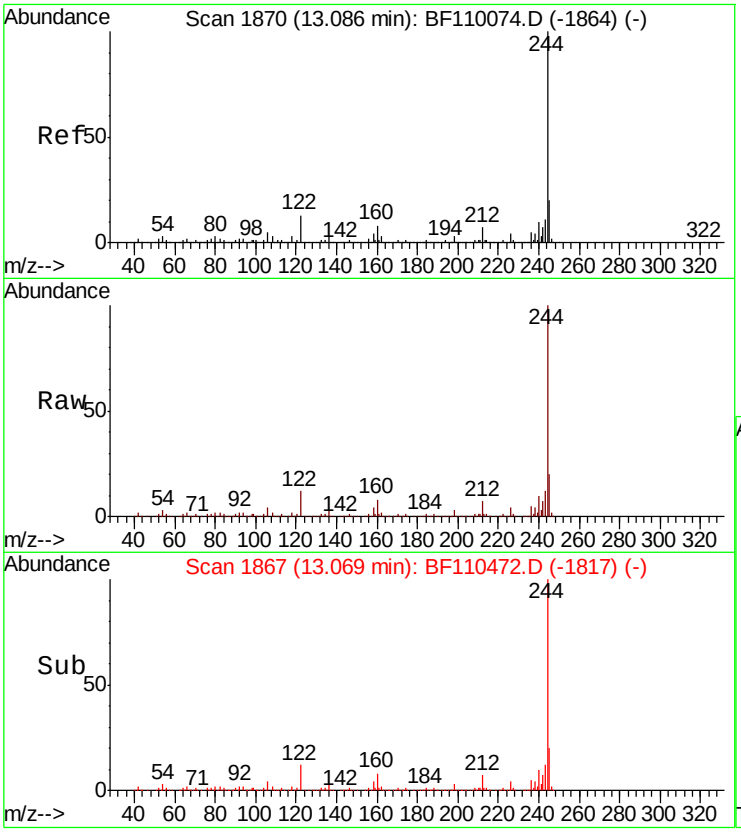




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:240 Resp: 179469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 8.3 | 12.5 |
| 236 | 24.4 | 21.2 | 31.8 |



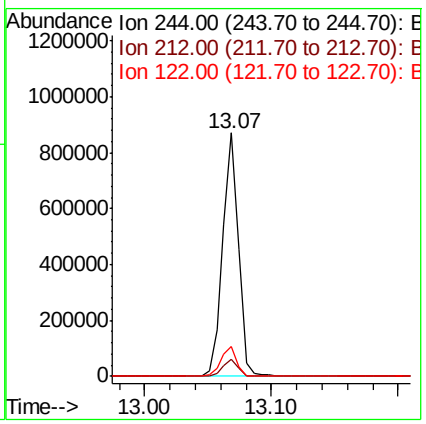


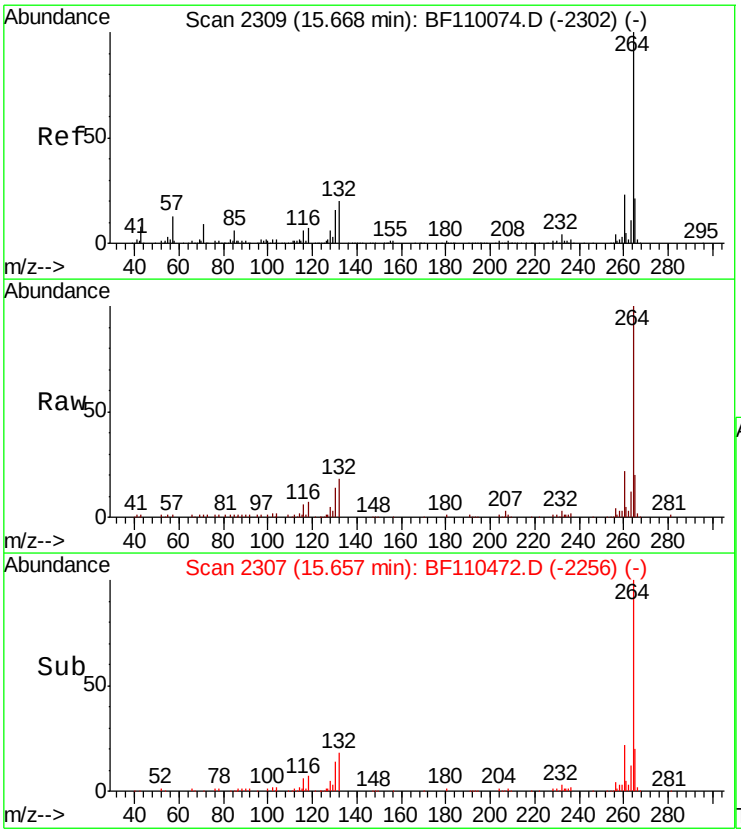

#79
Terphenyl-d14
Concen: 87.136 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

**Instrument :**
BNA_F
**ClientSampleId :**
HL-R37719-RT

Tgt Ion:244 Resp: 751939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.8 |
| 122 | 12.1 | 8.7 | 13.1 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:264 Resp: 151912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 18.7 | 28.1 |
| 265 | 20.1 | 16.7 | 25.1 |