Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-11

Quant Time: Dec 06 01:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 481527 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 1808292 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 794789 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 1150473 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.96 | 240 | 909924 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.39 | 264 | 646230 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 1499298 | 48.59 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 1214801 | 30.56 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 2412668 | 78.99 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 642360 | 101.68 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 3658898 | 85.26 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.91 | 244 | 2775618 | 62.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.37 | 77 | 13034 | Below Cal | | # | 1 |
| 10) Phenol | 6.44 | 94 | 218892 | 5.050 | ng | | 91 |
| 18) Hexachloroethane | 7.35 | 117 | 102872 | 7.204 | ng | # | 1 |
| 22) Acetophenone | 7.20 | 105 | 284464 | 6.510 | ng | # | 43 |
| 35) Caprolactam | 8.52 | 113 | 47993 | 5.078 | ng | # | 1 |
| 54) 2,4-Dinitrophenol | 9.89 | 184 | 1534 | 6.983 | ng | # | 1 |
| 56) 4-Nitrophenol | 9.92 | 139 | 25827 | 2.327 | ng | # | 30 |
| 77) Benzidine | 12.65 | 184 | 2055 | Below Cal | | # | 1 |

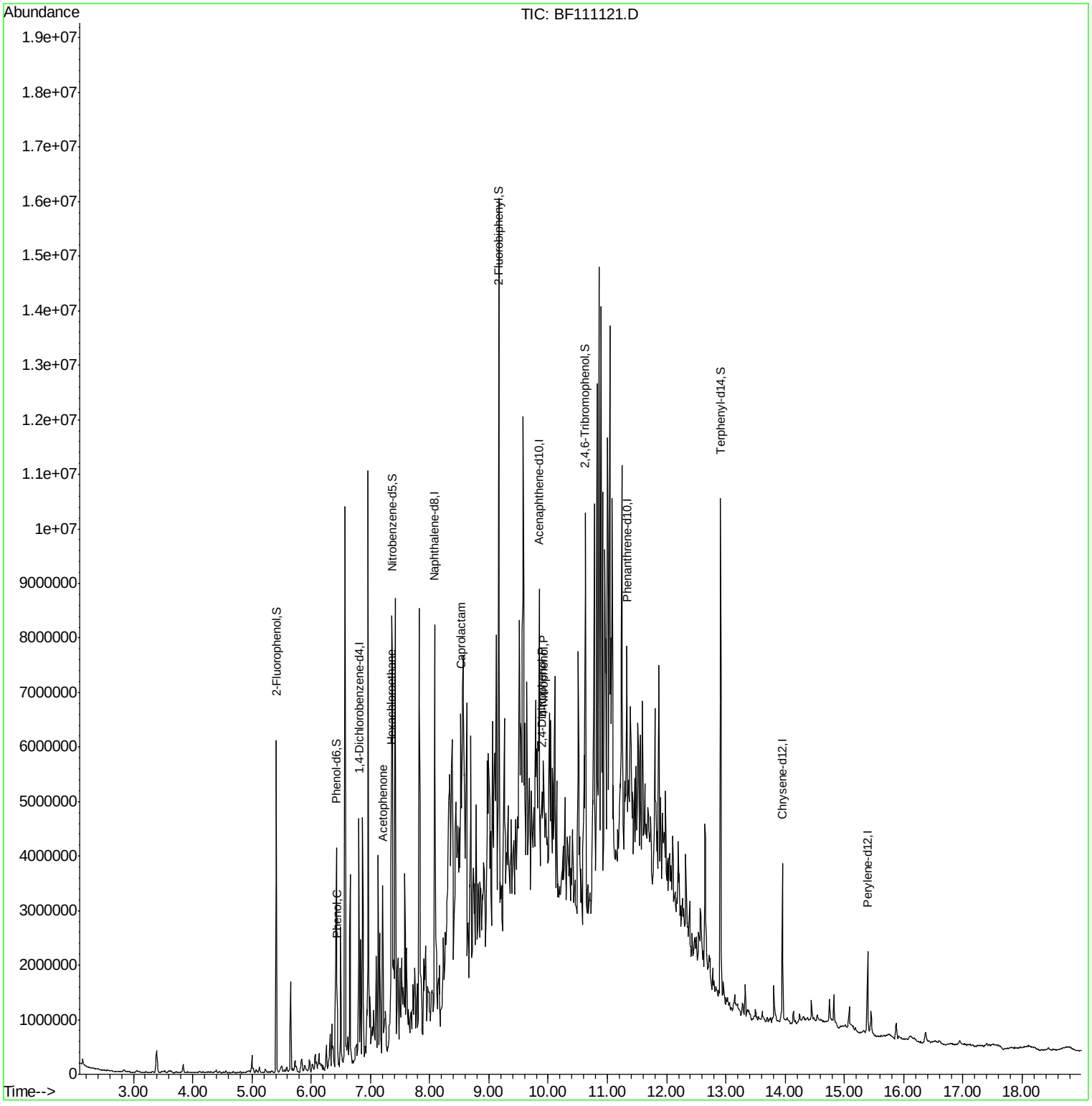
(#) = qualifier out of range (m) = manual integration (+) = signals summed

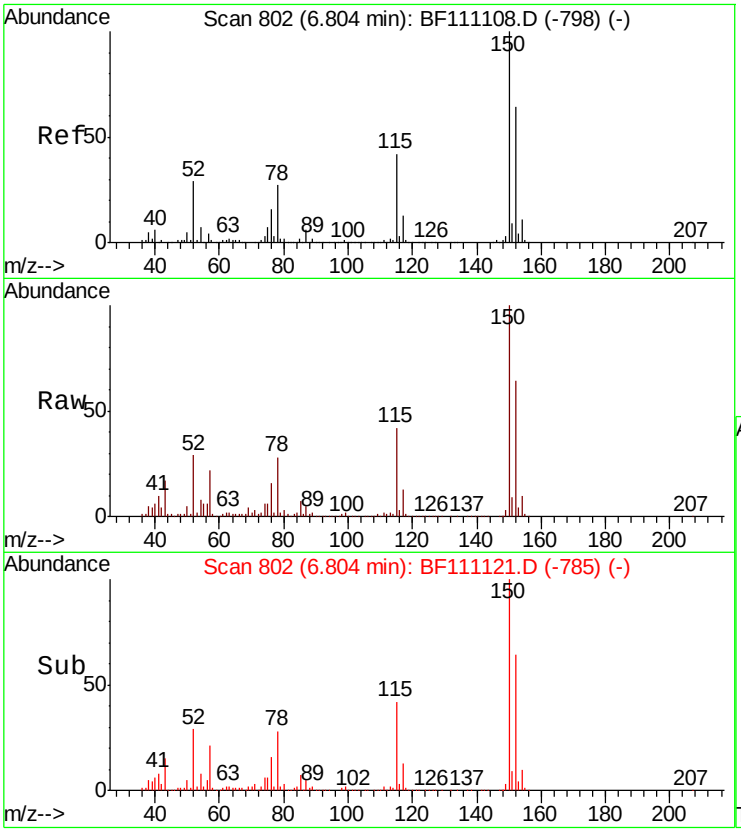
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Quant Time: Dec 06 01:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



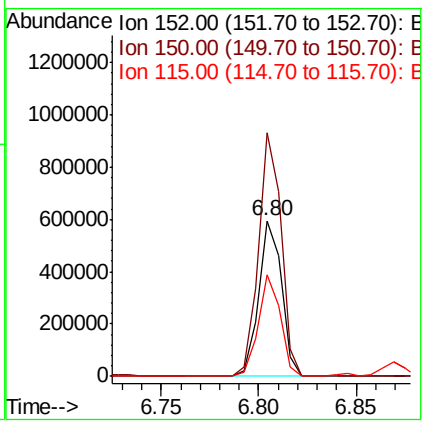


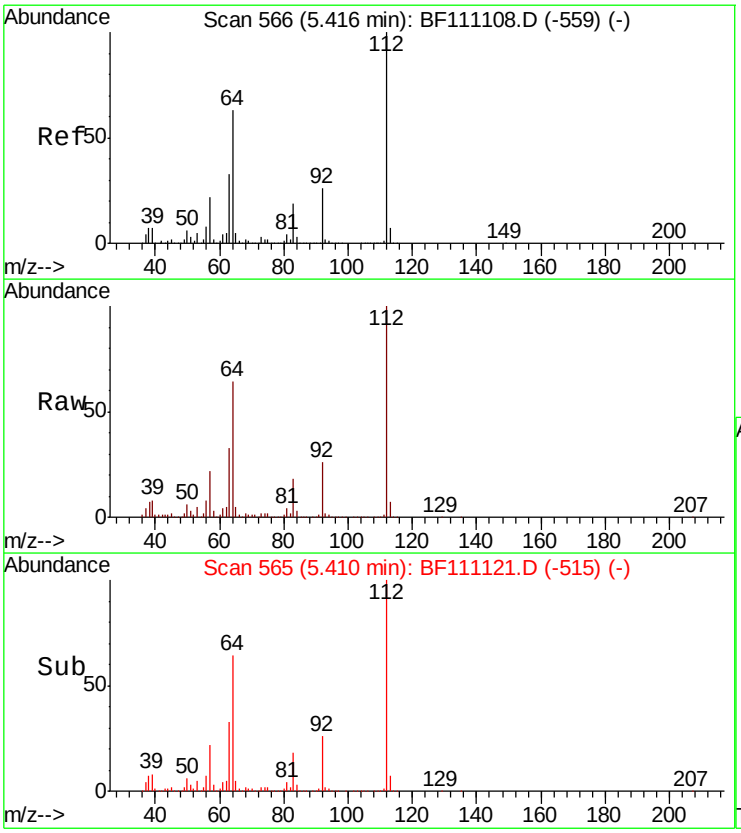

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:152 Resp: 481527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.6 | 124.6 | 187.0 |
| 115 | 65.5 | 52.2 | 78.2 |

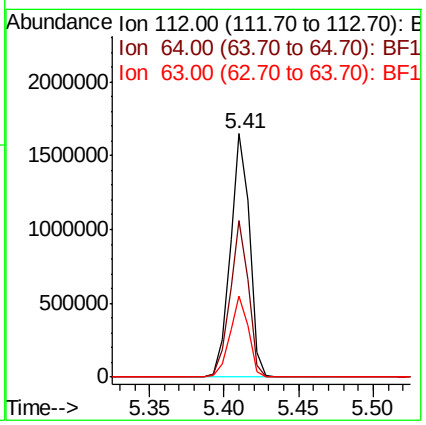


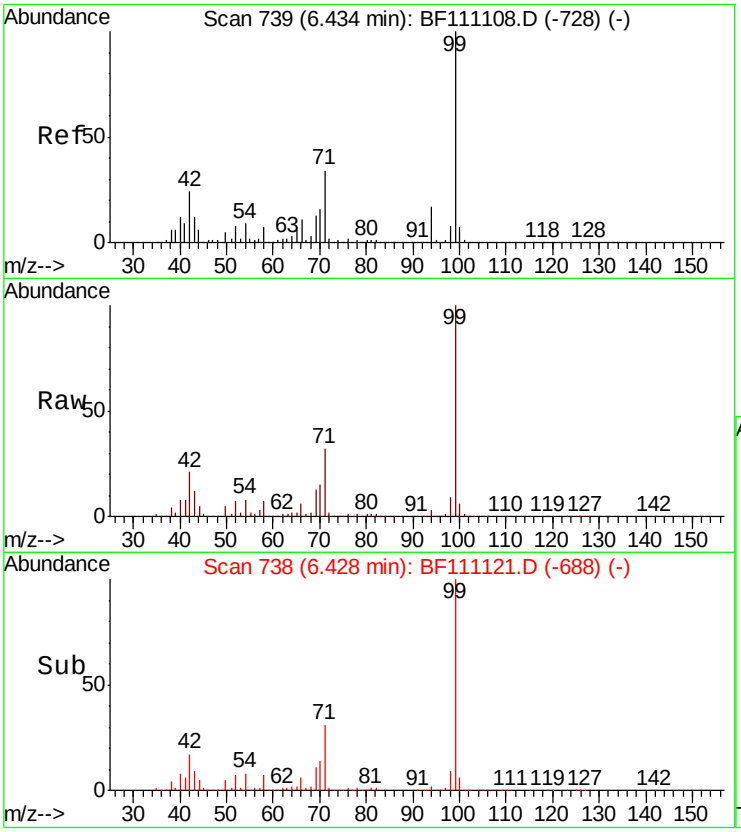




#5
2-Fluorophenol
Concen: 48.587 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:112 Resp: 1499298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.3 | 50.2 | 75.4 |
| 63 | 33.5 | 26.6 | 39.8 |



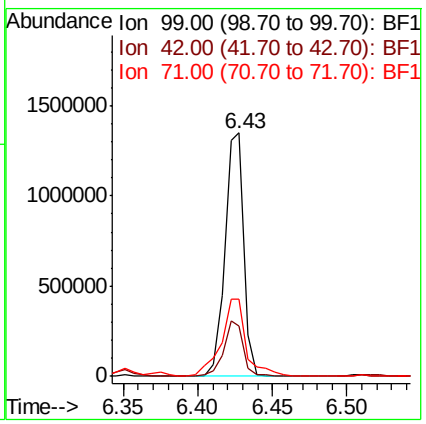


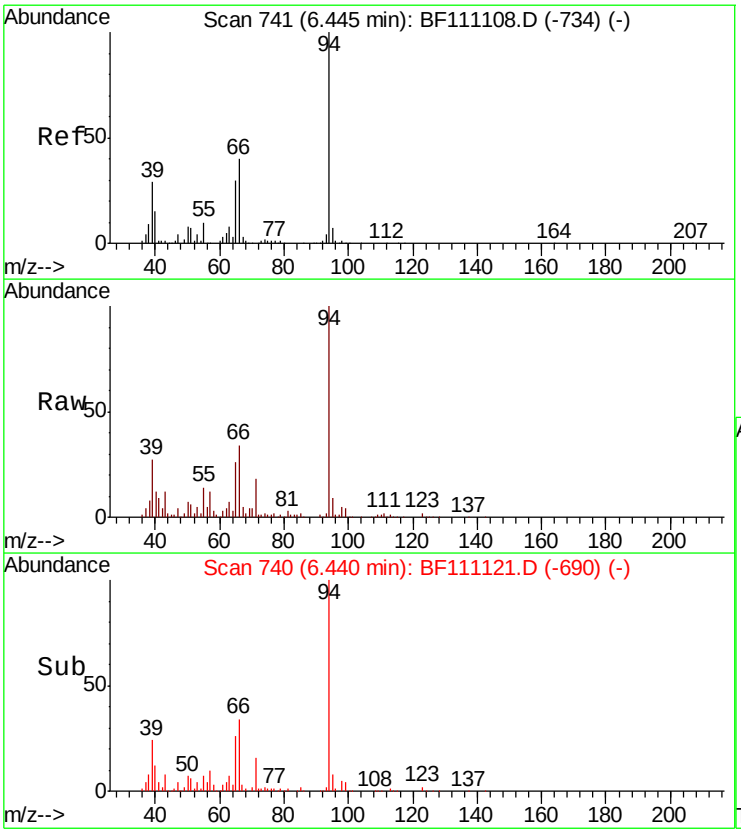

#7
Phenol-d6
Concen: 30.561 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion: 99 Resp: 1214801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 19.3 | 28.9 |
| 71 | 31.7 | 27.4 | 41.2 |

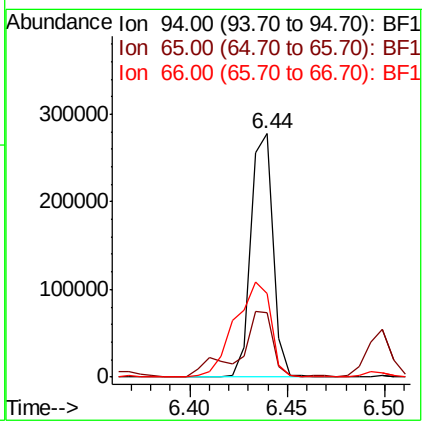


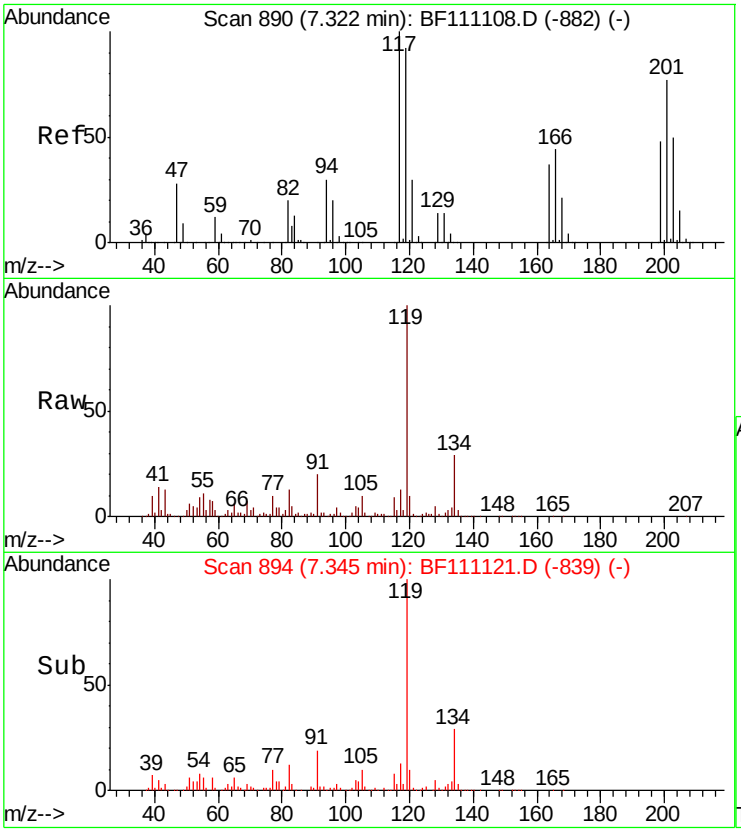




#10
Phenol
Concen: 5.050 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion: 94 Resp: 218892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.3 | 10.5 | 50.5 |
| 66 | 34.1 | 19.8 | 59.8 |



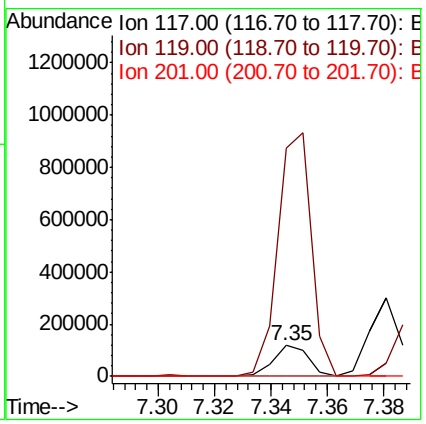


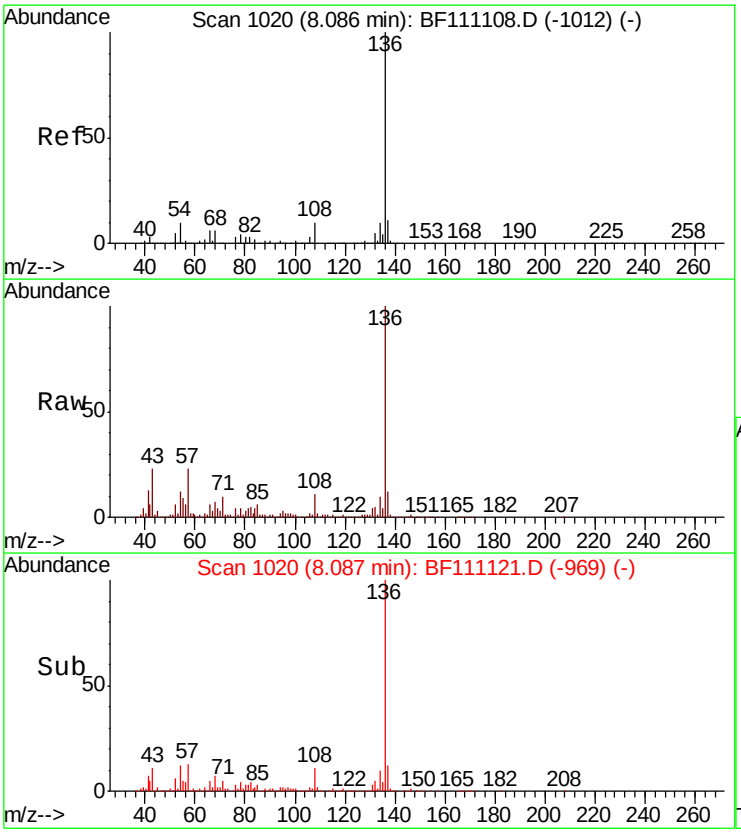

#18
Hexachloroethane
Concen: 7.204 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:117 Resp: 102872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 744.4 | 73.8 | 110.6# |
| 201 | 0.0 | 61.2 | 91.8# |

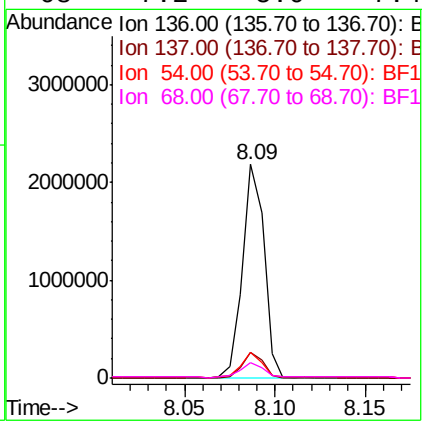


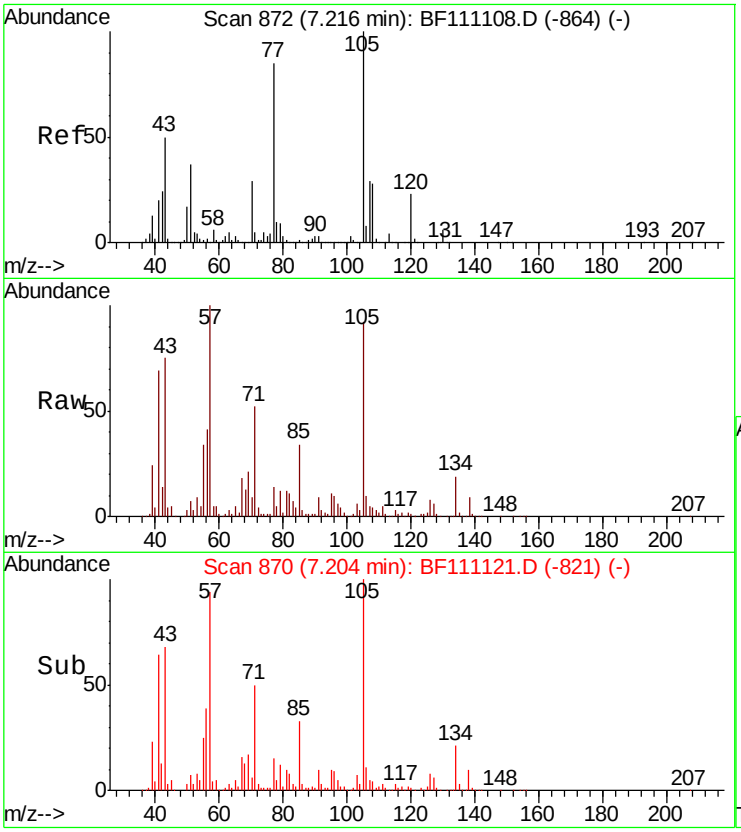




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:136 Resp: 1808292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.8 | 9.0 | 13.6 |
| 54 | 11.9 | 8.4 | 12.6 |
| 68 | 7.2 | 5.0 | 7.4 |



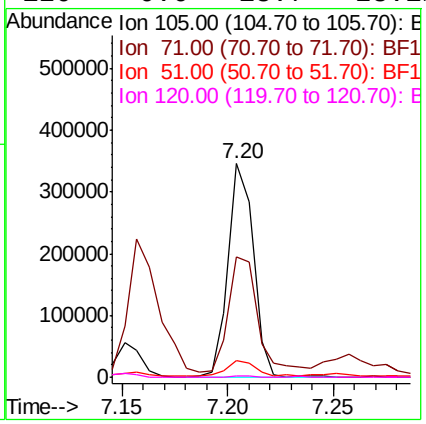


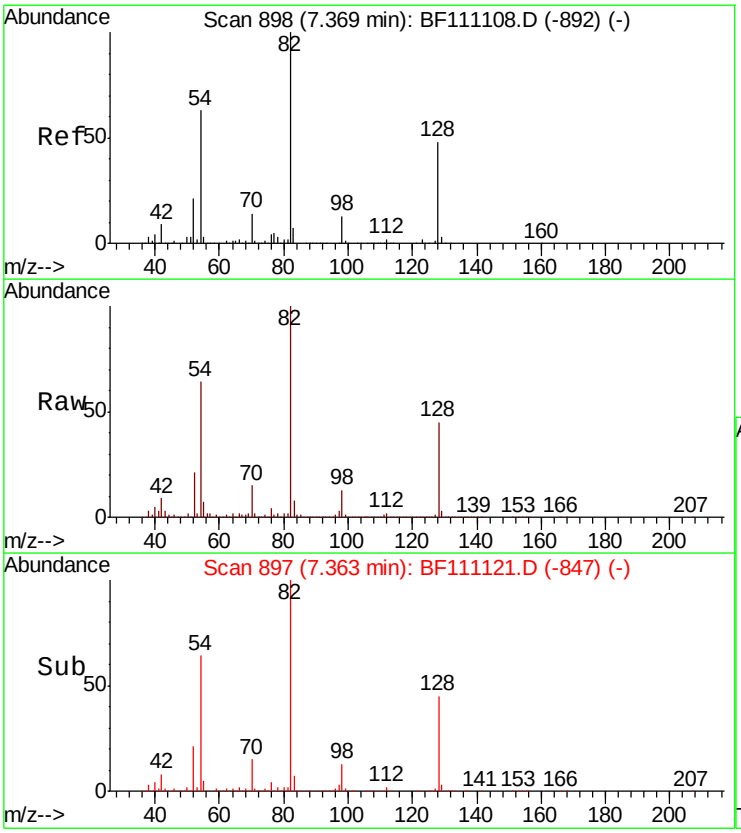

#22
Acetophenone
Concen: 6.510 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:105 Resp: 284464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 56.2 | 4.0 | 6.0# |
| 51 | 7.7 | 29.8 | 44.8# |
| 120 | 0.6 | 18.7 | 28.1# |

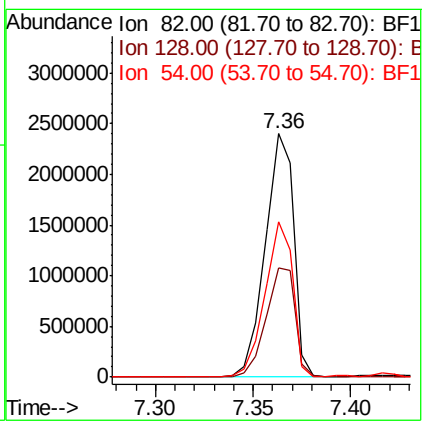


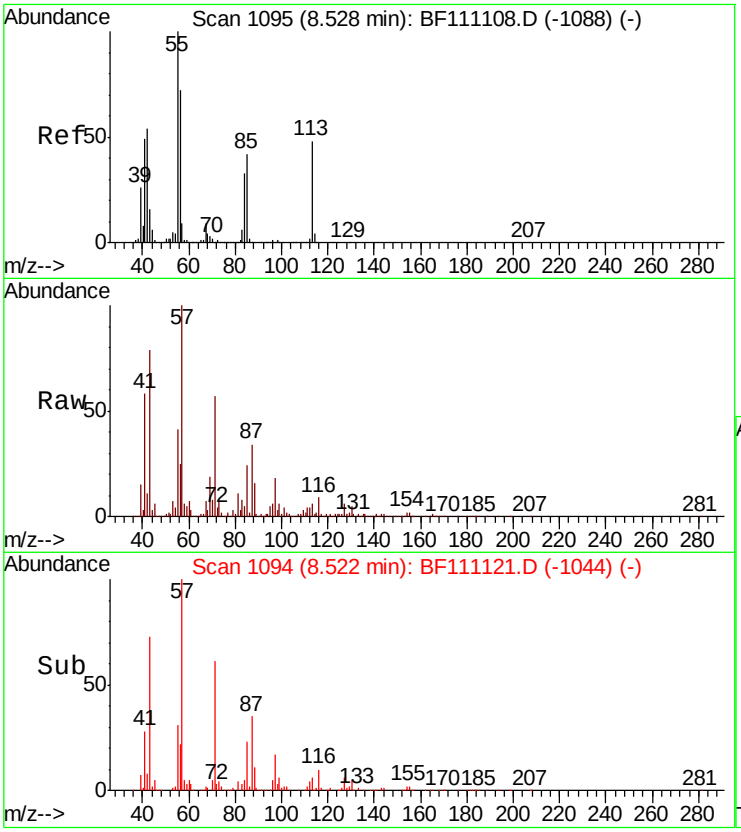




#23
Nitrobenzene-d5
Concen: 78.991 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion: 82 Resp: 2412668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 38.1 | 57.1 |
| 54 | 63.7 | 50.3 | 75.5 |



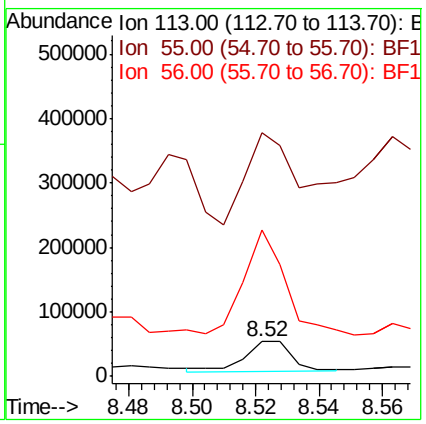


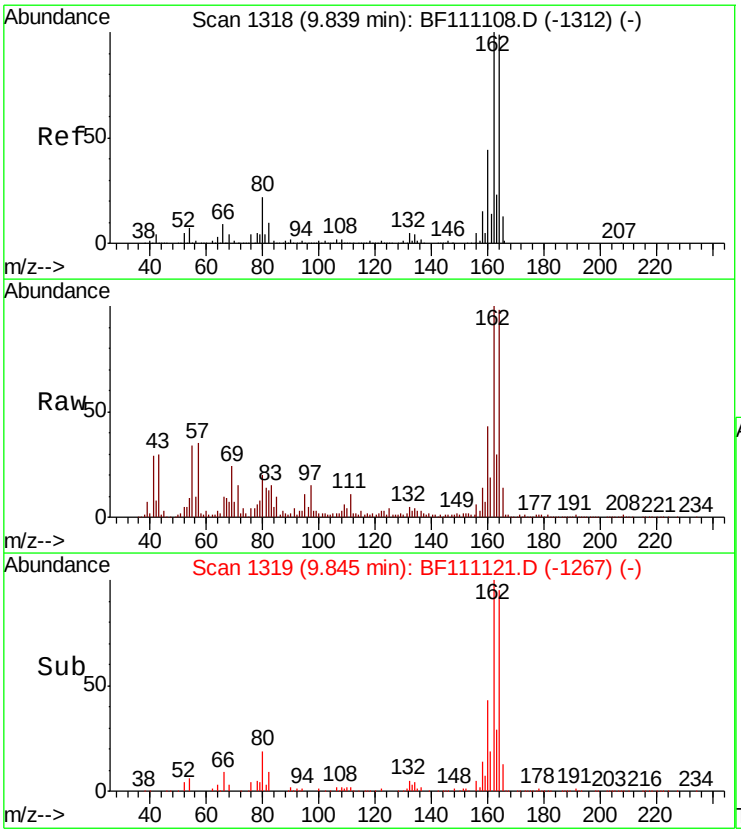

#35
Caprolactam
Concen: 5.078 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:113 Resp: 47993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 701.7 | 190.6 | 230.6# |
| 56 | 423.0 | 130.9 | 170.9# |

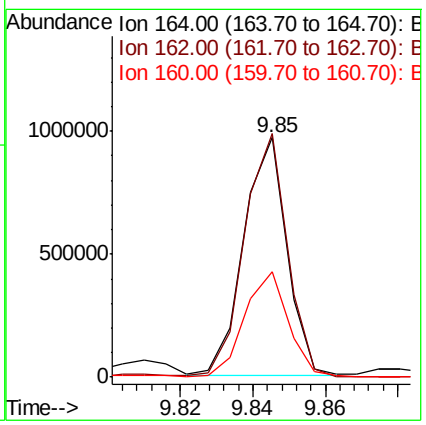


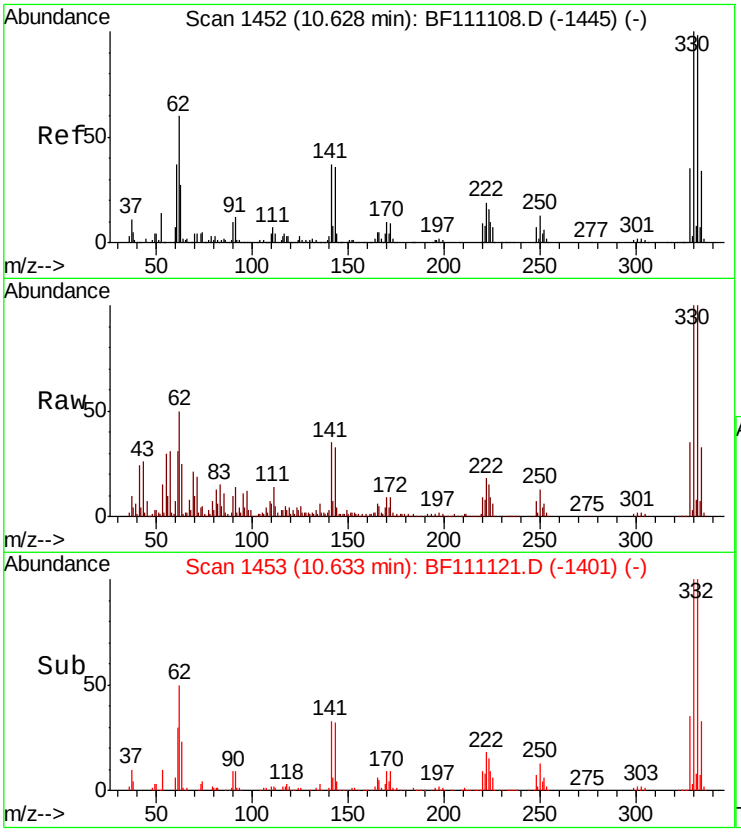




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:164 Resp: 794789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.6 | 120.8 |
| 160 | 44.0 | 35.5 | 53.3 |



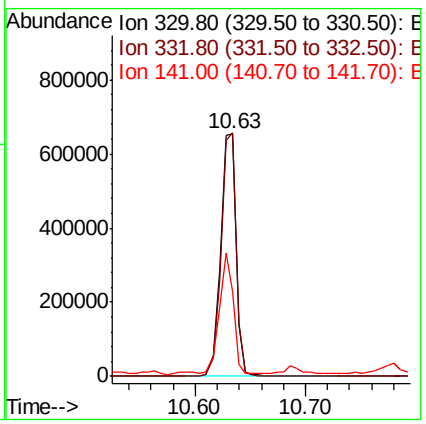


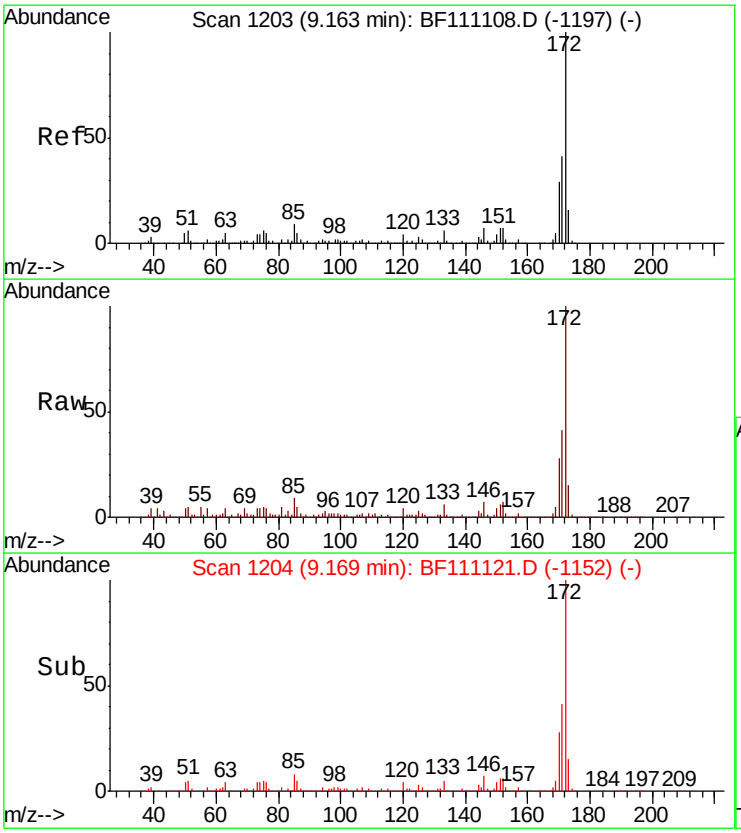

#42
2,4,6-Tribromophenol
Concen: 101.677 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:330 Resp: 642360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 77.2 | 115.8 |
| 141 | 44.1 | 36.1 | 54.1 |

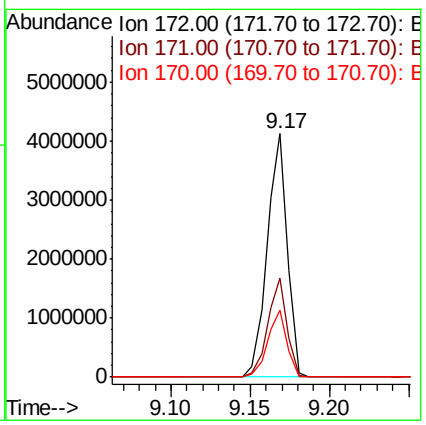


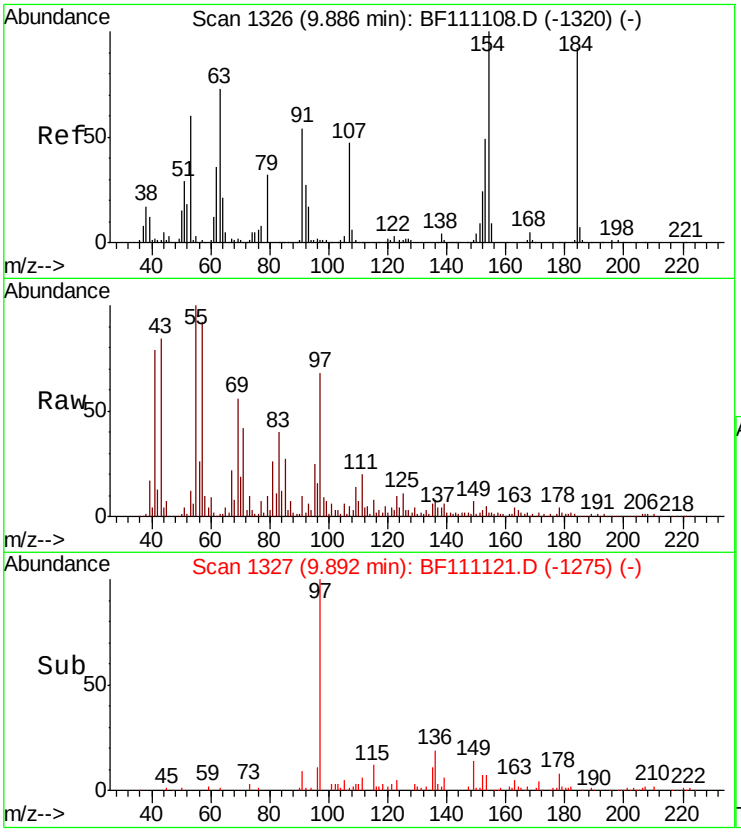




#45
2-Fluorobiphenyl
Concen: 85.260 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:172 Resp: 3658898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.9 | 33.2 | 49.8 |
| 170 | 27.7 | 22.9 | 34.3 |



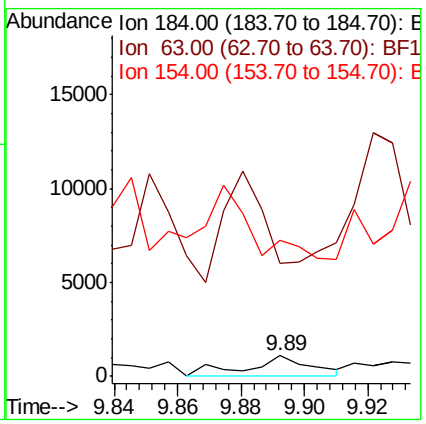


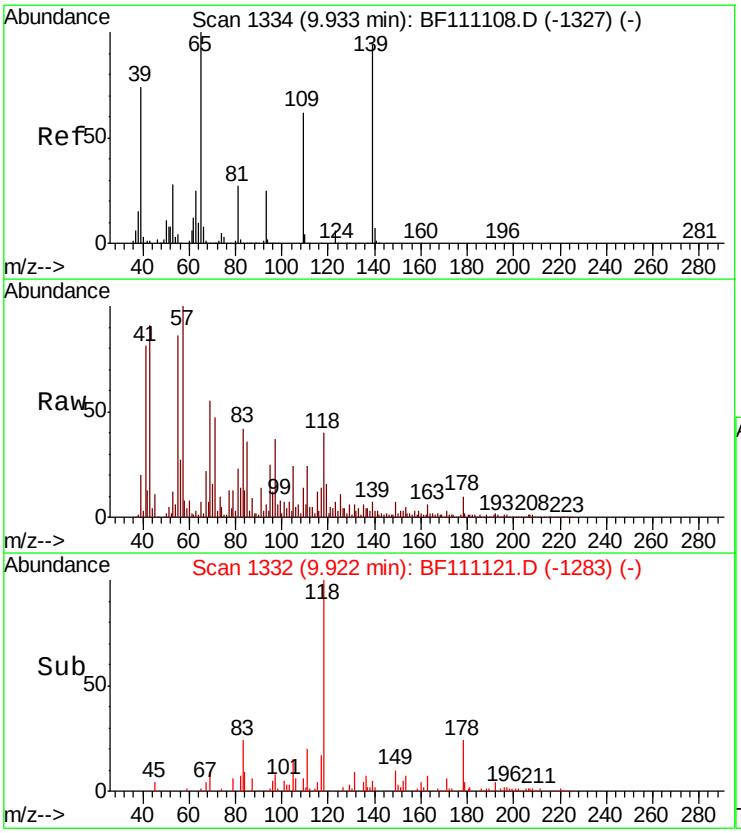

#54
2,4-Dinitrophenol
Concen: 6.983 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:184 Resp: 1534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 544.0 | 64.2 | 96.4# |
| 154 | 655.3 | 89.5 | 134.3# |

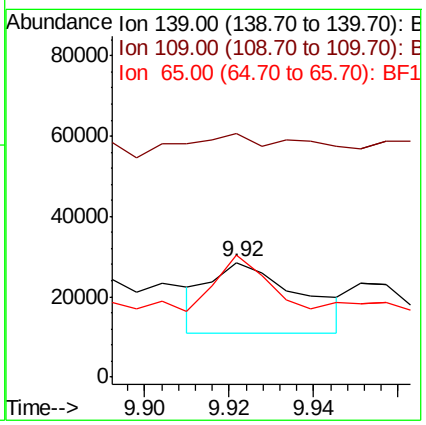


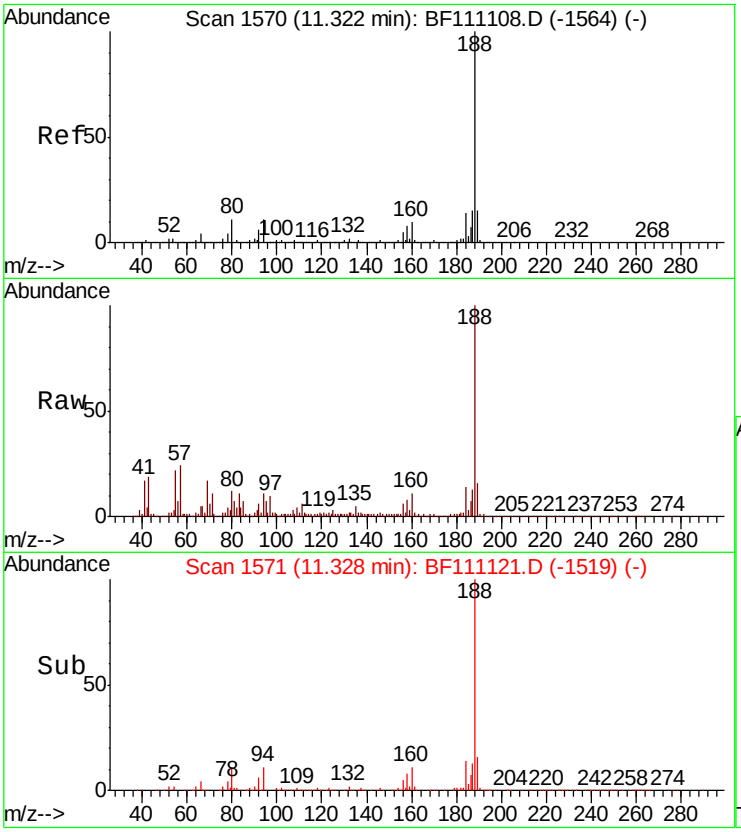




#56
4-Nitrophenol
Concen: 2.327 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:139 Resp: 25827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 212.2 | 46.1 | 86.1# |
| 65 | 106.4 | 87.0 | 127.0 |



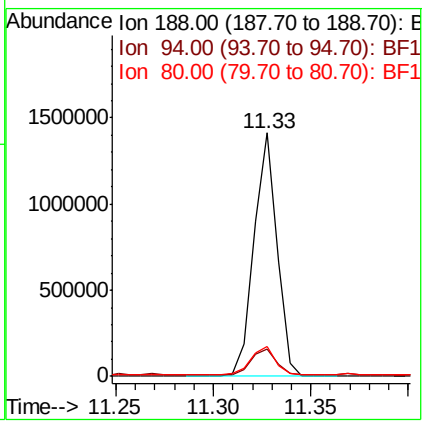


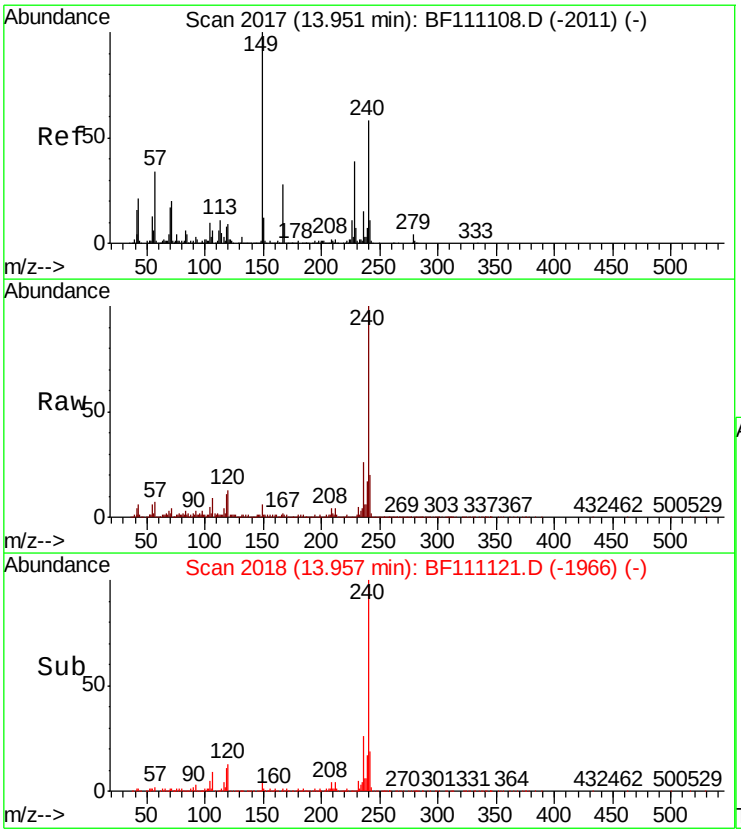

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:188 Resp: 1150473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.4 | 8.5 | 12.7 |
| 80 | 12.1 | 9.0 | 13.6 |

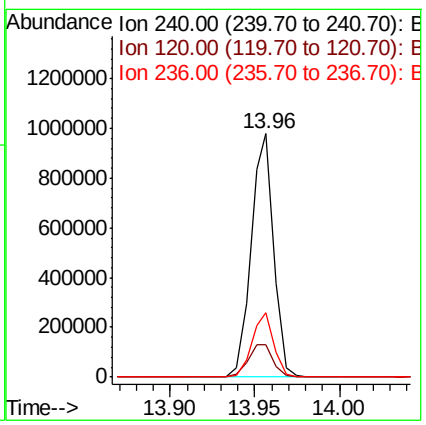


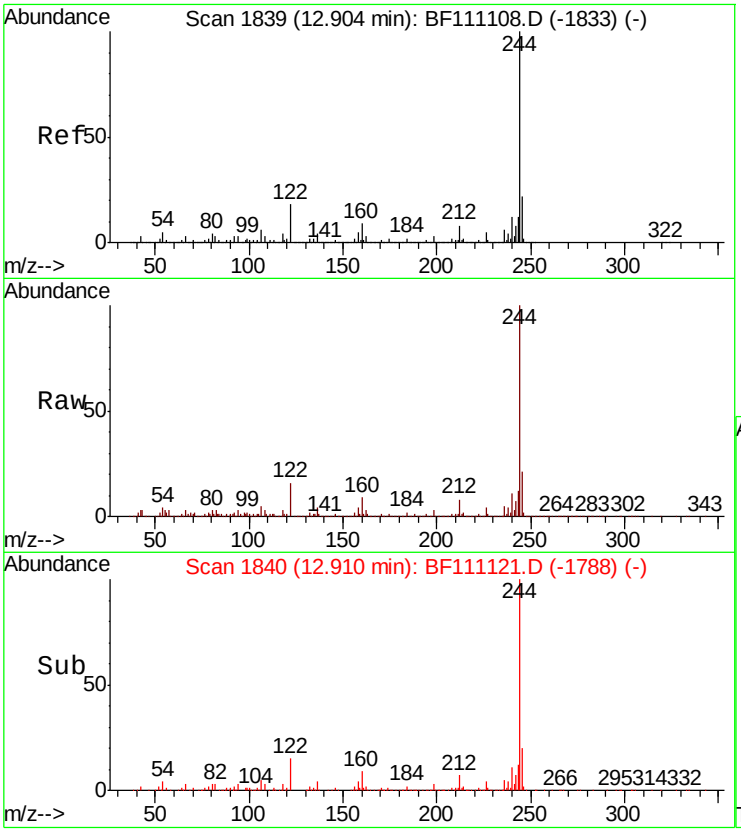




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:240 Resp: 909924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.1 | 12.8 | 19.2 |
| 236 | 26.5 | 21.1 | 31.7 |



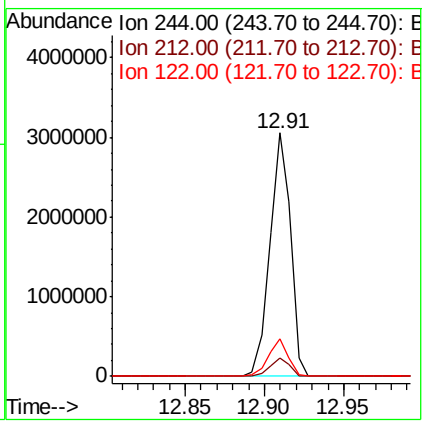


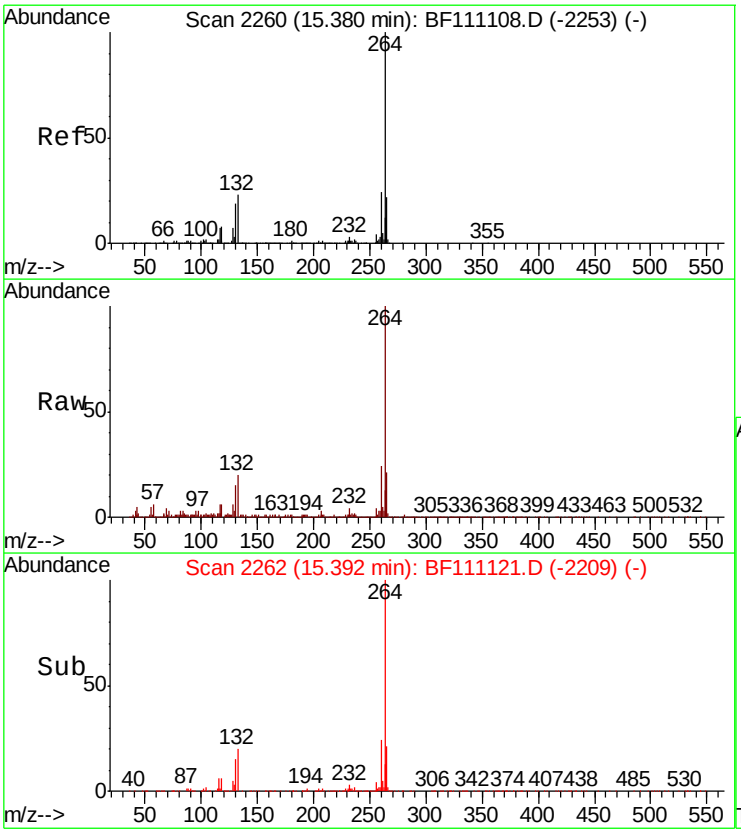

#79
Terphenyl-d14
Concen: 62.472 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

**Instrument :**
BNA_F
**ClientSampleId :**
MW-11

Tgt Ion:244 Resp: 2775618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.6 | 9.8 |
| 122 | 15.5 | 14.2 | 21.2 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111121.D
Acq: 5 Dec 2018 21:44

Tgt Ion:264 Resp: 646230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.4 | 29.0 |
| 265 | 21.2 | 17.4 | 26.0 |