Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106375.D
Acq On : 13 Jun 2018 6:11
Operator : JU/SJ
Sample : J3164-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Jun 13 07:10:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 102440 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 343732 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 143227 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.51 | 188 | 301169 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.15 | 240 | 311370 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.68 | 264 | 218392 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 312333 | 51.60 | ng | | 0.04 |
| 7) Phenol-d6 | 6.64 | 99 | 229374 | 30.00 | ng | | 0.05 |
| 23) Nitrobenzene-d5 | 7.54 | 82 | 500341 | 85.63 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 188227 | 136.59 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.33 | 172 | 834025 | 115.24 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.09 | 244 | 1030954 | 82.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.76 | 77 | 12651 | 2.181 | ng | | 83 |
| 32) Benzoic acid | 8.00 | 122 | 512 | 7.411 | ng | # | 1 |
| 36) 4-Chloro-3-methylphenol | 8.81 | 107 | 11750 | 2.279 | ng | # | 26 |
| 49) Dimethylphthalate | 9.72 | 163 | 112519 | 10.996 | ng | # | 95 |
| 53) 2,4-Dinitrophenol | 10.16 | 184 | 1992 | 10.466 | ng | # | 1 |
| 64) 4,6-Dinitro-2-methylphenol | 10.58 | 198 | 247 | 6.427 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.81 | 248 | 12638 | 3.689 | ng | # | 1 |

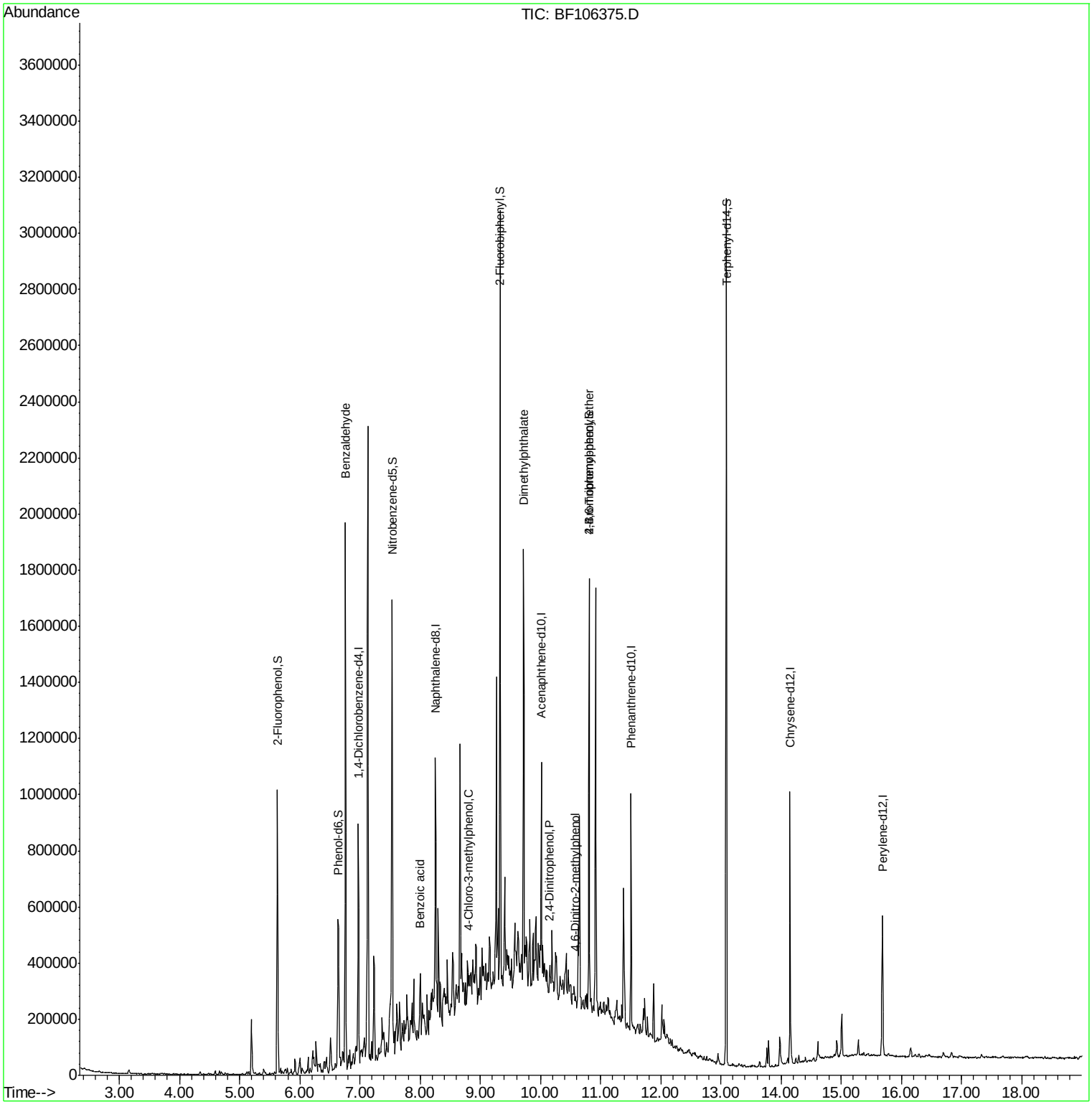
(#) = qualifier out of range (m) = manual integration (+) = signals summed

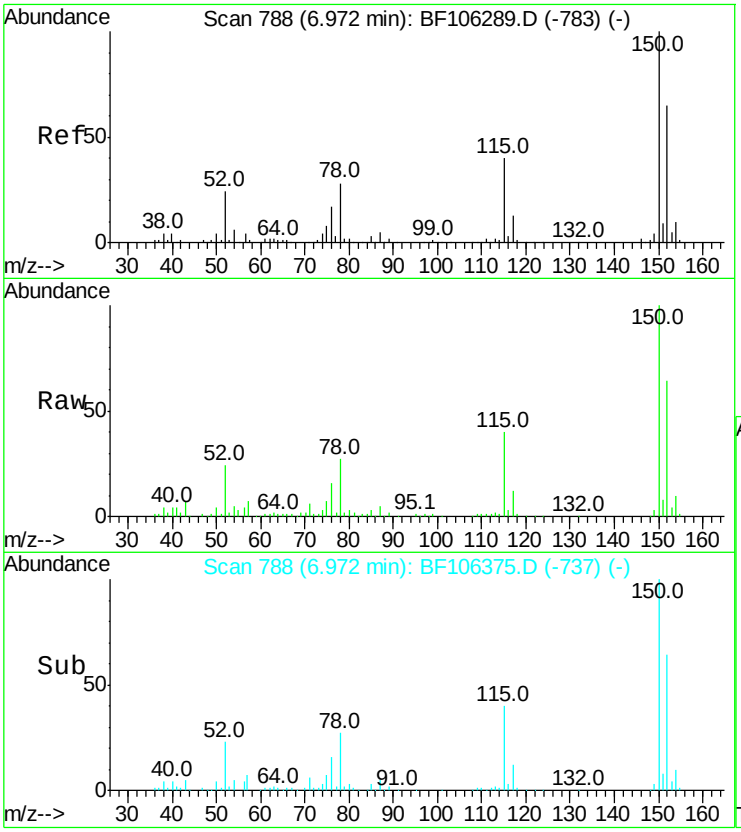
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106375.D
Acq On : 13 Jun 2018 6:11
Operator : JU/SJ
Sample : J3164-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Jun 13 07:10:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



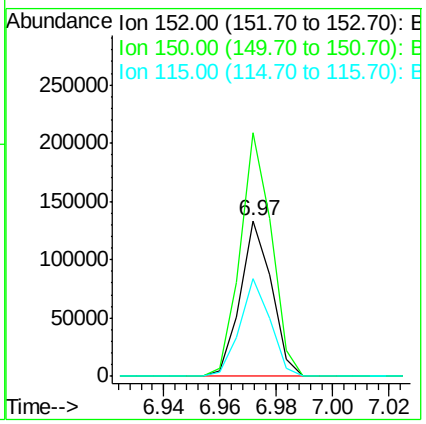


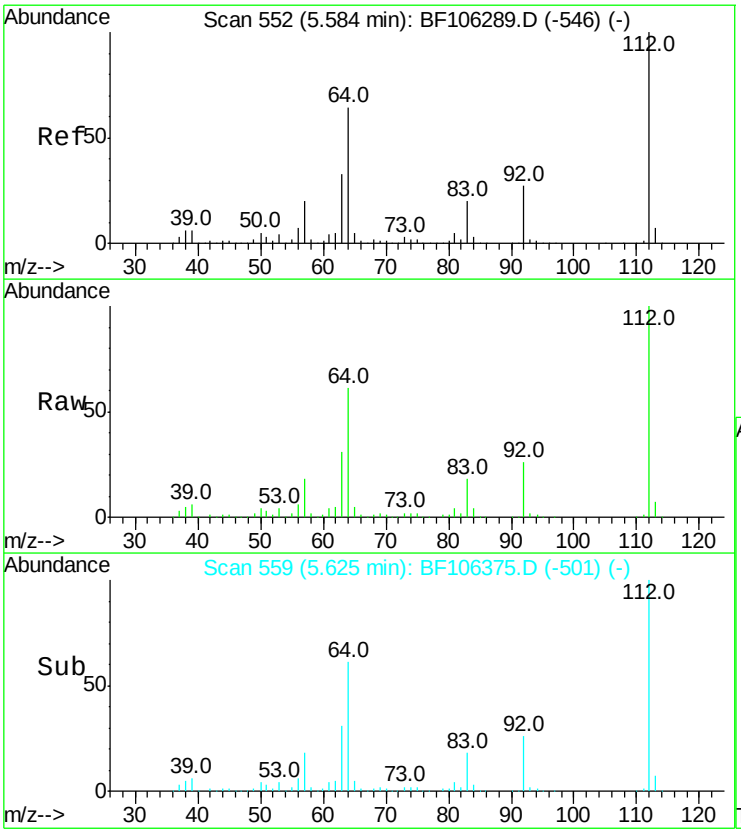

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:152 Resp: 102440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 124.6 | 186.8 |
| 115 | 63.3 | 50.1 | 75.1 |

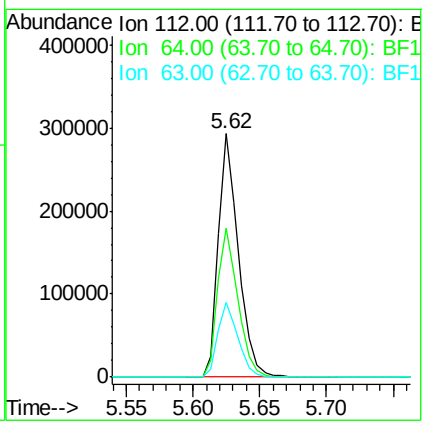


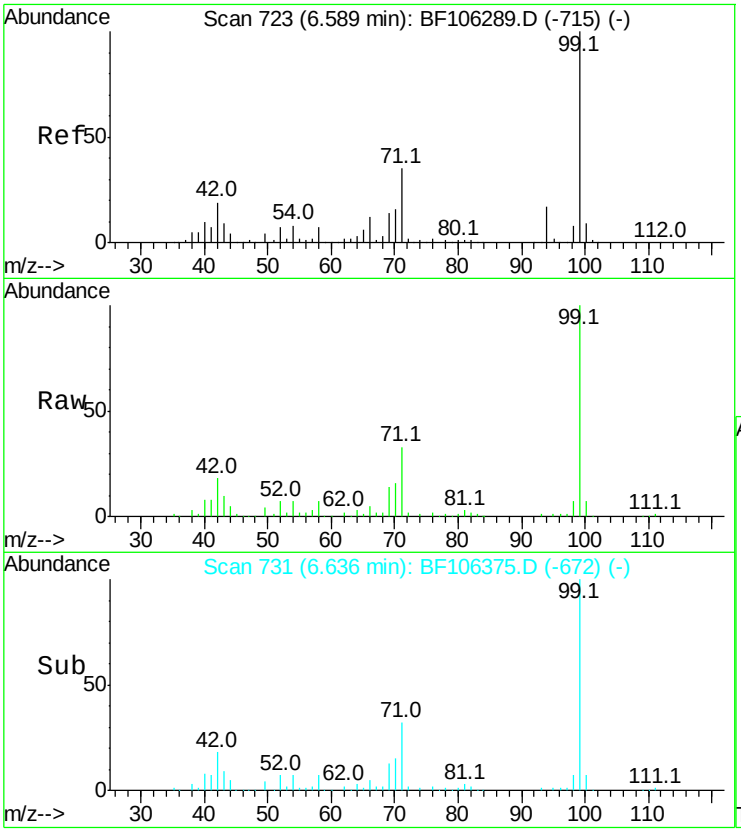




#5
2-Fluorophenol
Concen: 51.603 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:112 Resp: 312333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.3 | 47.9 | 71.9 |
| 63 | 30.8 | 23.7 | 35.5 |



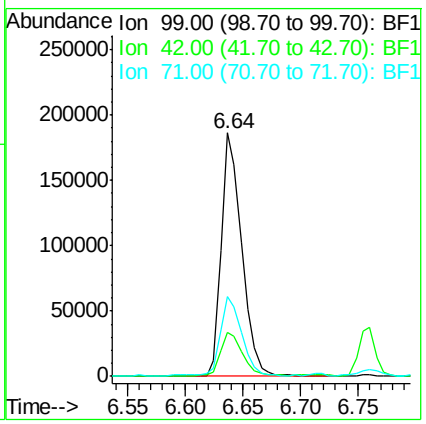


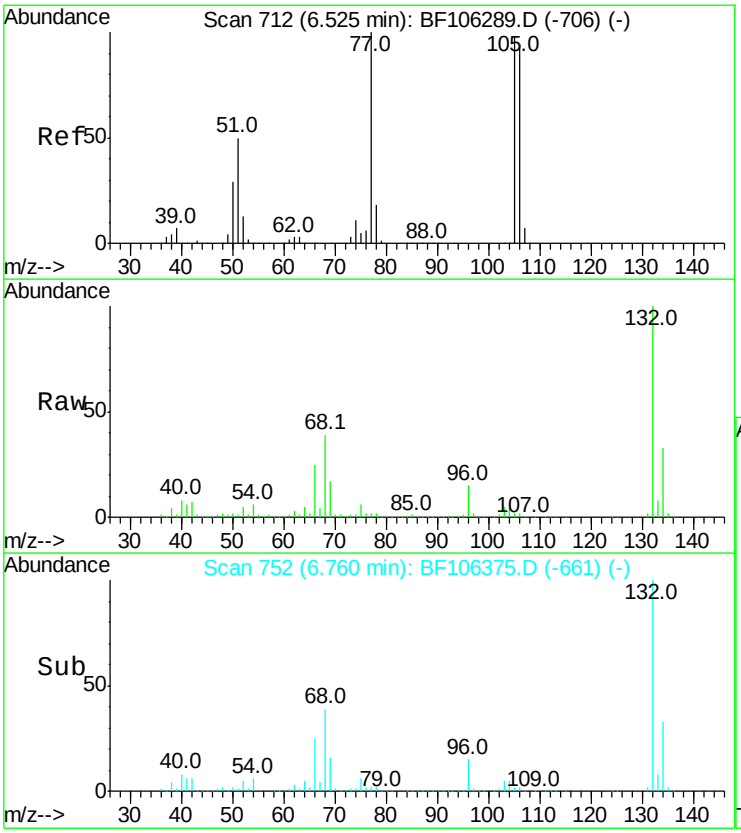

#7
Phenol-d6
Concen: 29.996 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.05 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion: 99 Resp: 229374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 14.5 | 21.7 |
| 71 | 32.5 | 25.4 | 38.0 |

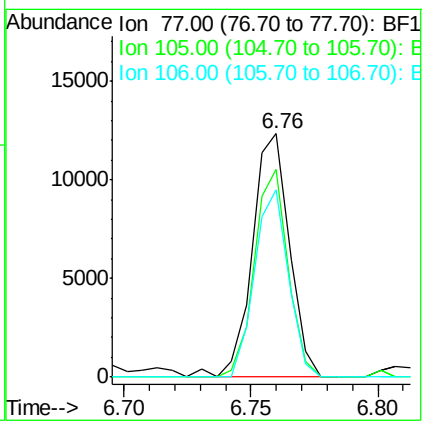


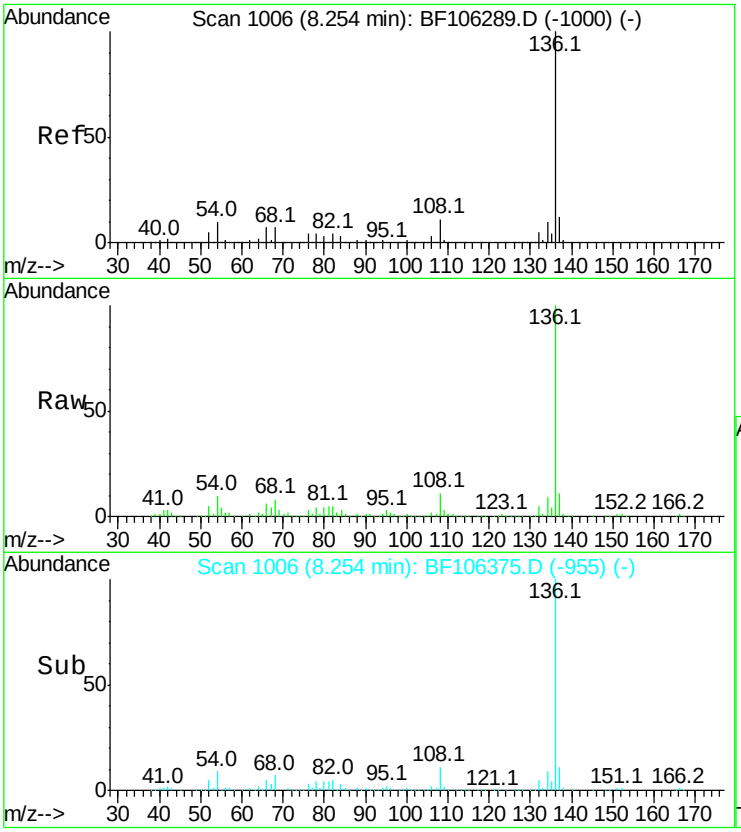




#9
Benzaldehyde
Concen: 2.181 ng
RT: 6.76 min Scan# 752
Delta R.T. 0.24 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion: 77 Resp: 12651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.5 | 81.1 | 121.1 |
| 106 | 76.8 | 74.5 | 114.5 |



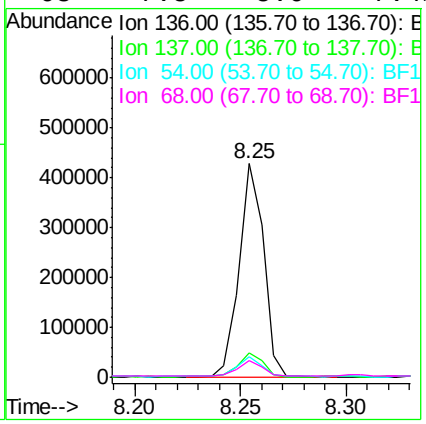


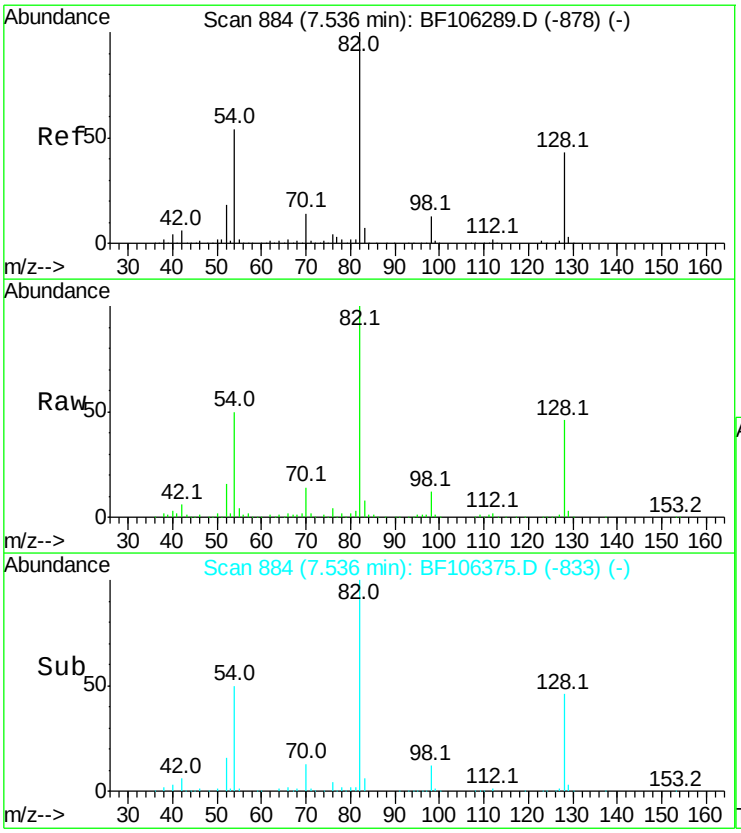

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:136 Resp: 343732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.9 | 13.3 |
| 54 | 9.6 | 6.6 | 9.8 |
| 68 | 7.5 | 5.0 | 7.4# |

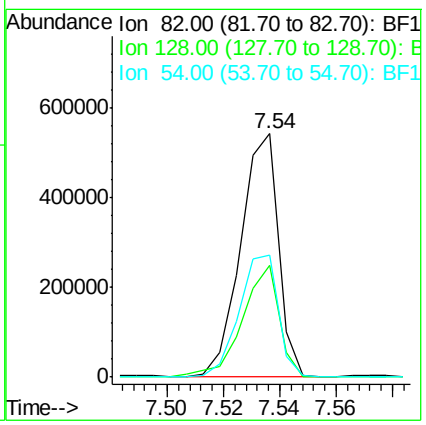


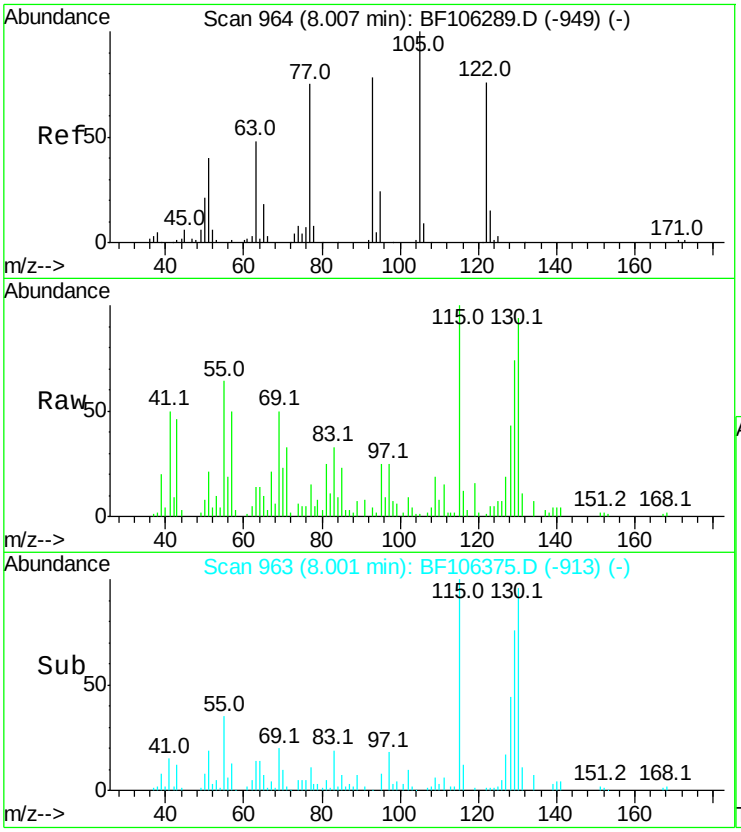




#23
Nitrobenzene-d5
Concen: 85.632 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion: 82 Resp: 500341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 36.1 | 54.1 |
| 54 | 50.2 | 41.4 | 62.2 |



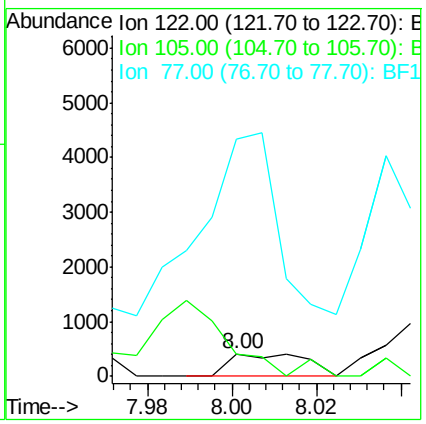


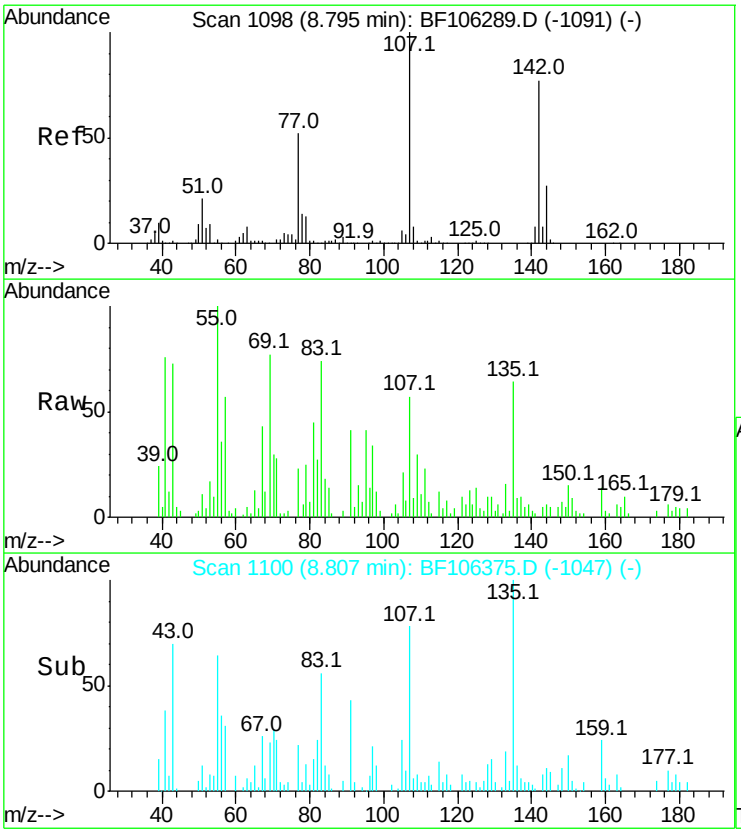

#32
Benzoic acid
Concen: 7.411 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:122 Resp: 512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 96.3 | 101.1 | 141.1# |
| 77 | 1056.3 | 70.7 | 110.7# |

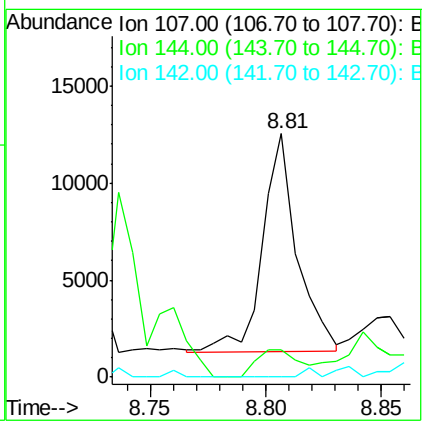


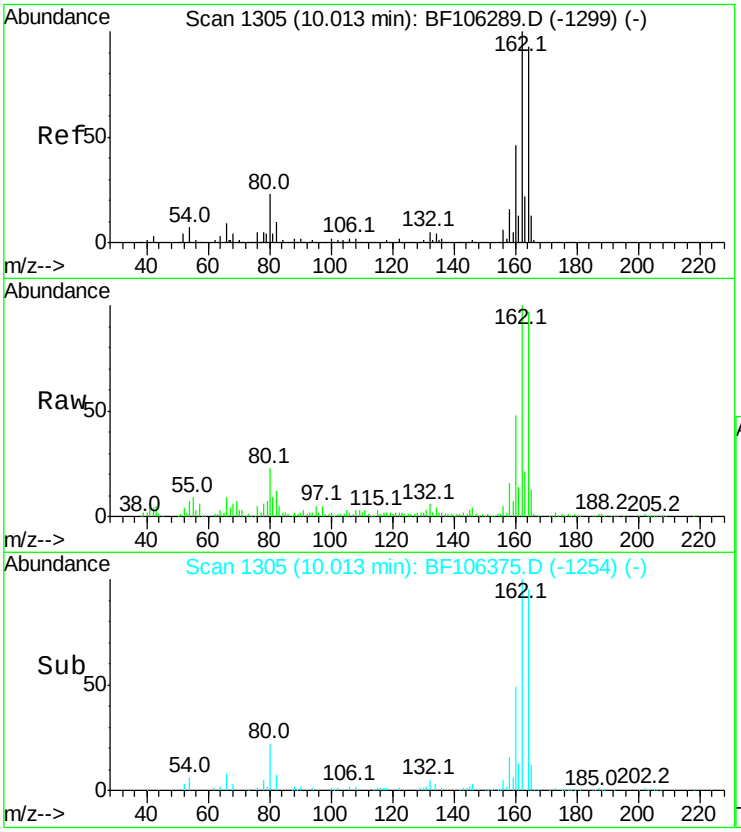




#36
4-Chloro-3-methylphenol
Concen: 2.279 ng
RT: 8.81 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:107 Resp: 11750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 11.2 | 20.5 | 30.7# |
| 142 | 0.0 | 62.0 | 93.0# |



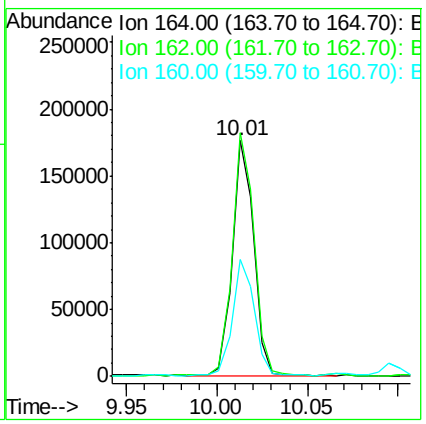


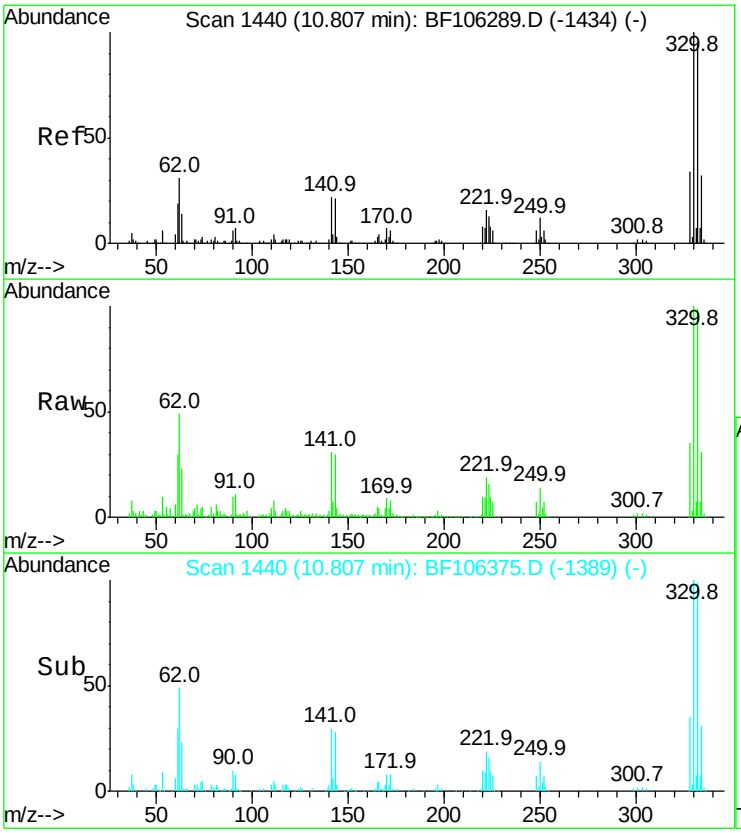

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:164 Resp: 143227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 86.1 | 129.1 |
| 160 | 49.6 | 38.3 | 57.5 |

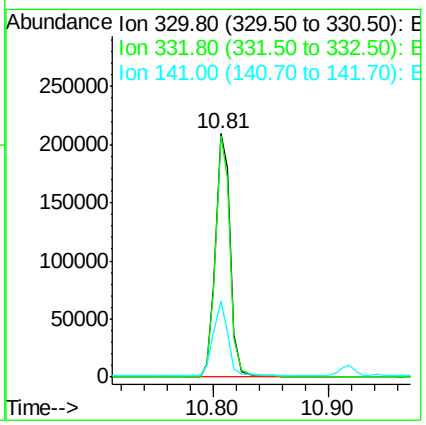


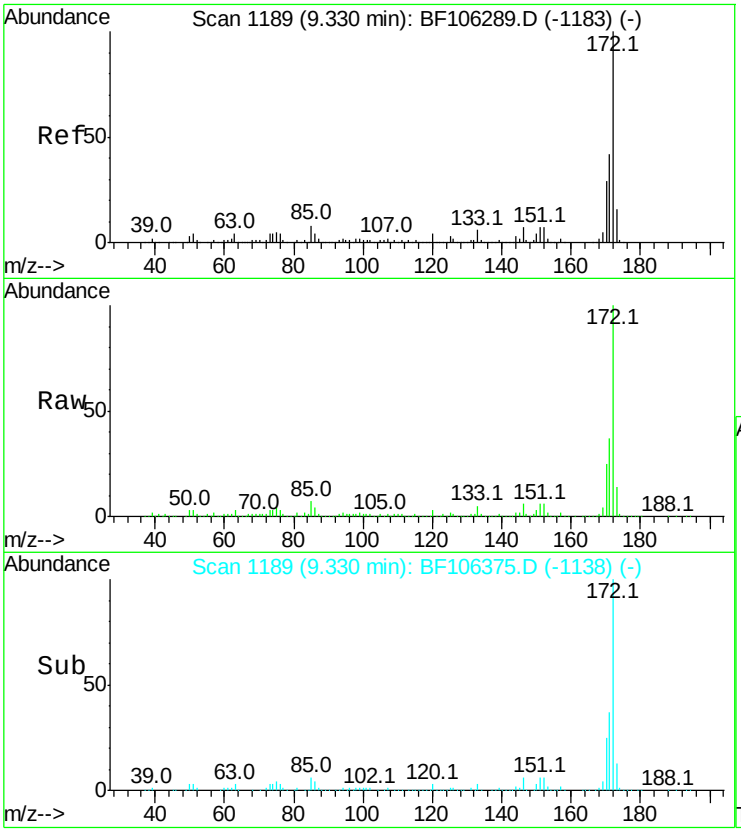




#41
2,4,6-Tribromophenol
Concen: 136.585 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:330 Resp: 188227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.0 | 115.6 |
| 141 | 30.9 | 29.9 | 44.9 |



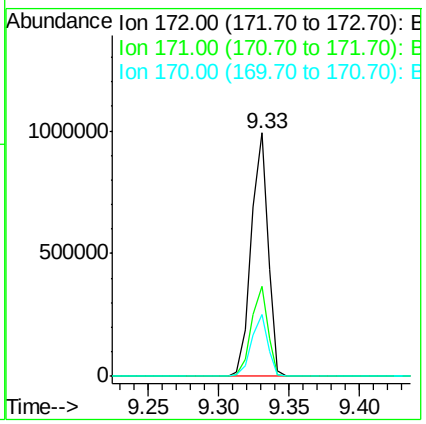


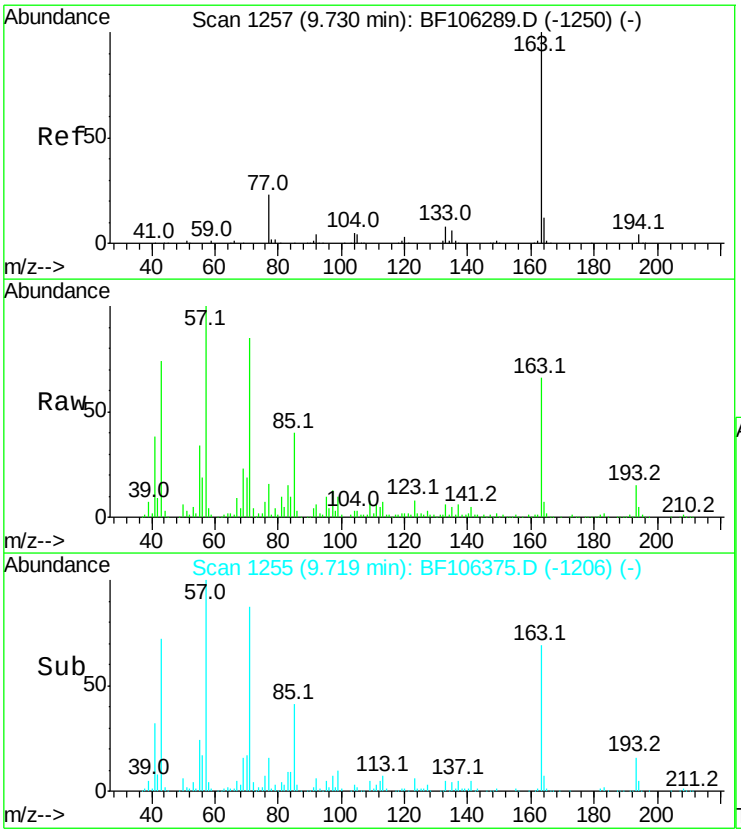

#44
2-Fluorobiphenyl
Concen: 115.238 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:172 Resp: 834025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.7 | 44.5 |
| 170 | 25.2 | 19.6 | 29.4 |

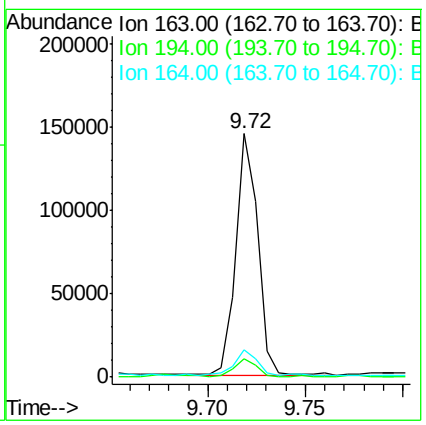


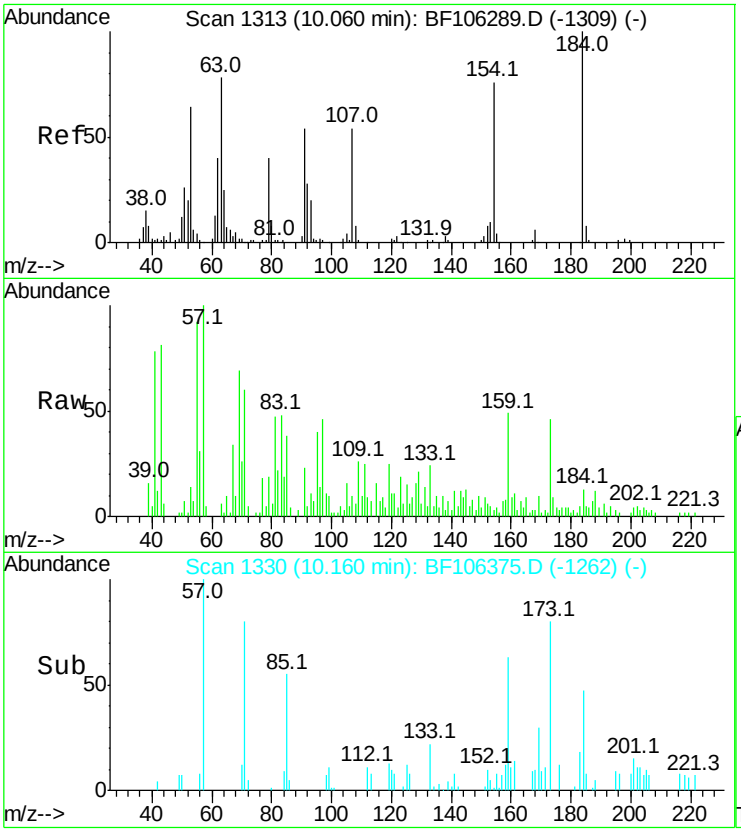




#49
Dimethylphthalate
Concen: 10.996 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:163 Resp: 112519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 7.5 | 2.7 | 4.1# |
| 164 | 11.1 | 8.2 | 12.2 |



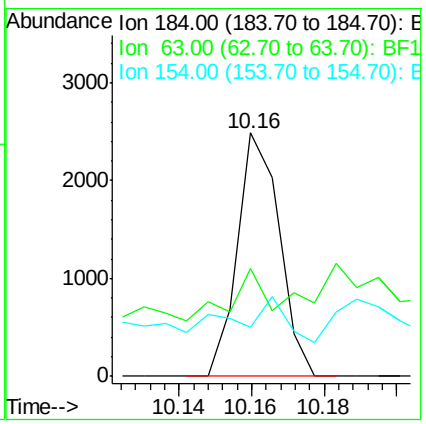


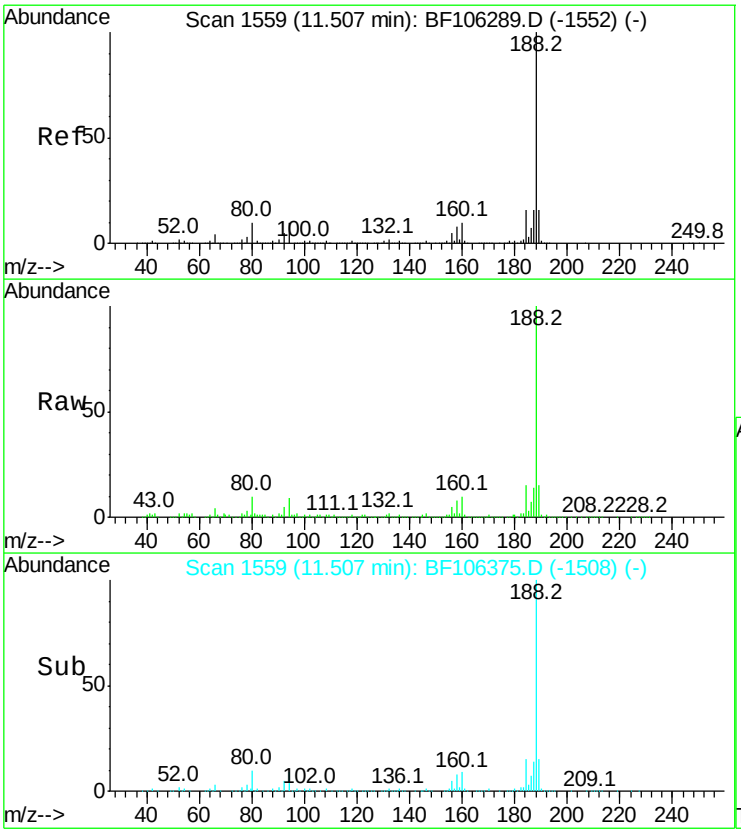

#53
2,4-Dinitrophenol
Concen: 10.466 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.10 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:184 Resp: 1992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 44.6 | 54.2 | 81.2# |
| 154 | 20.3 | 184.0 | 276.0# |

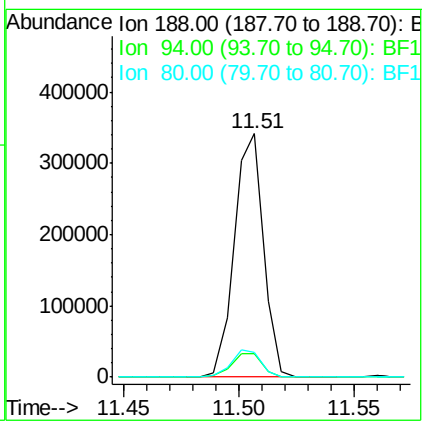


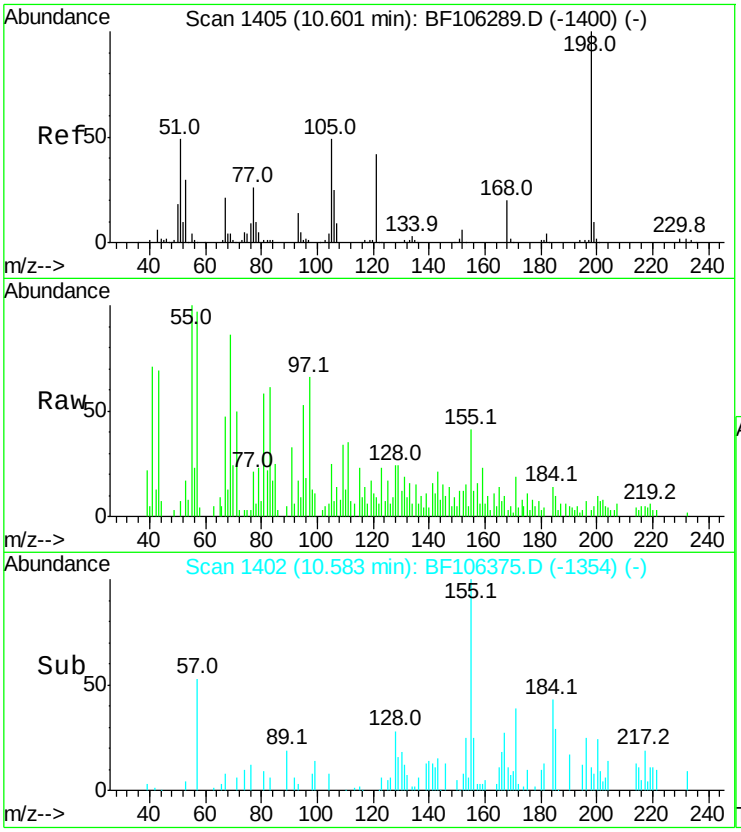




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:188 Resp: 301169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 8.5 | 12.7 |
| 80 | 10.0 | 9.2 | 13.8 |



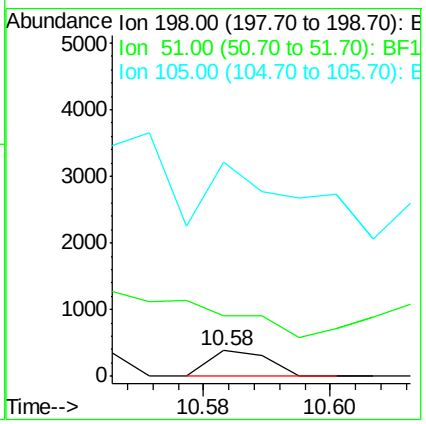


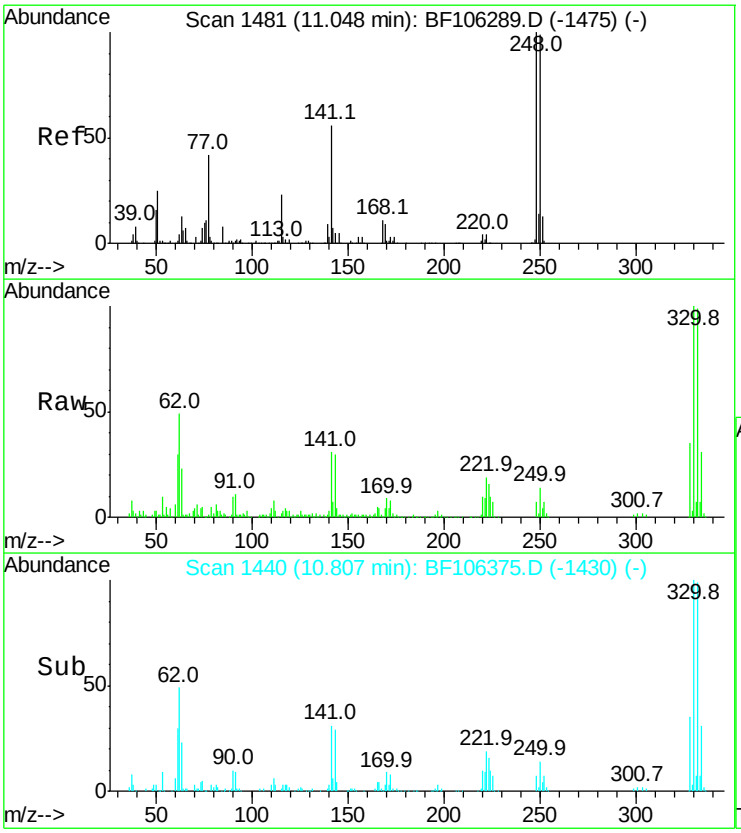

#64
4,6-Dinitro-2-methylphenol
Concen: 6.427 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:198 Resp: 247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 240.4 | 37.7 | 77.7# |
| 105 | 841.5 | 36.3 | 76.3# |

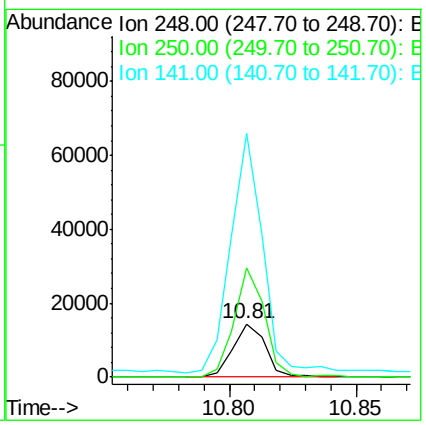


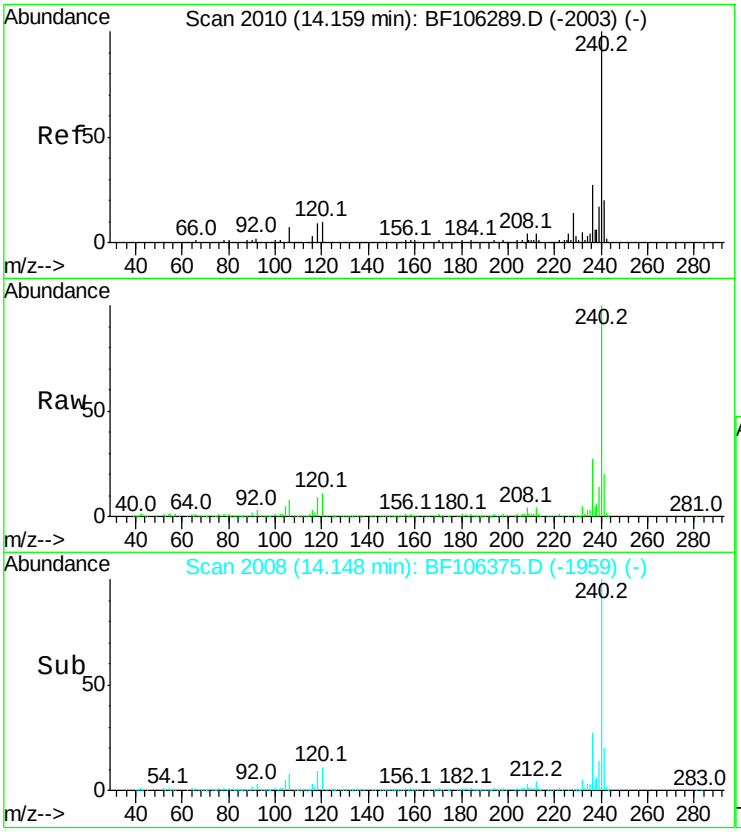




#66
4-Bromophenyl-phenylether
Concen: 3.689 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:248 Resp: 12638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 205.5 | 76.9 | 115.3# |
| 141 | 459.6 | 74.4 | 111.6# |



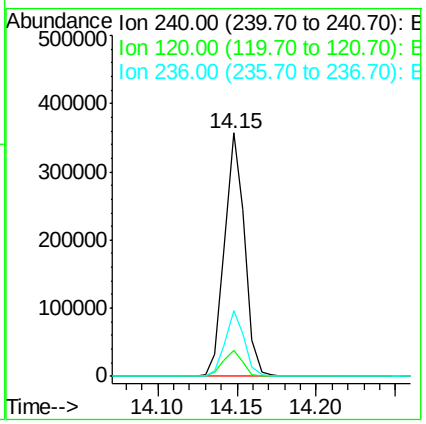


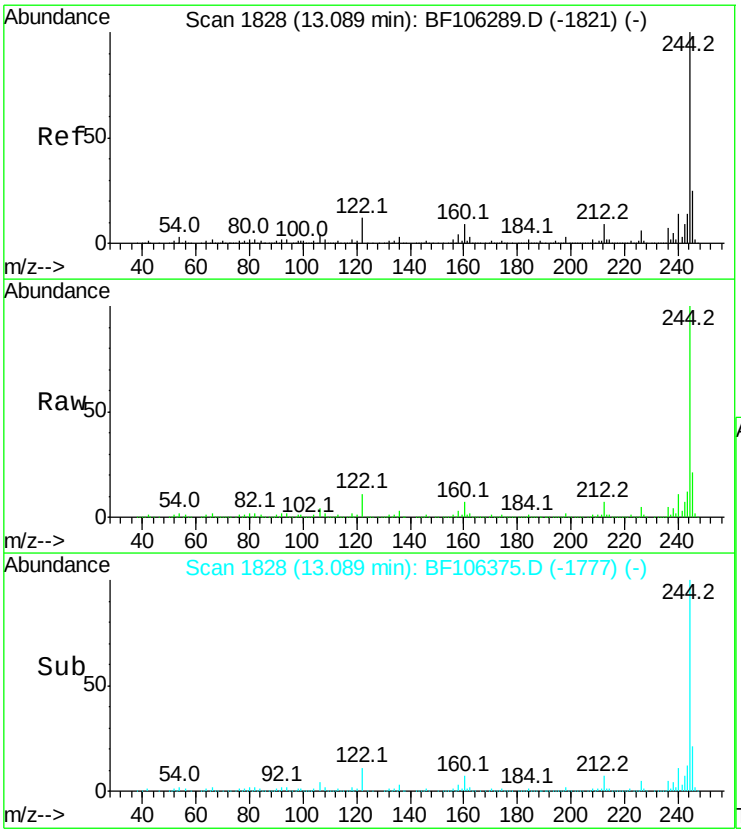

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:240 Resp: 311370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 9.5 | 14.3 |
| 236 | 26.8 | 20.7 | 31.1 |

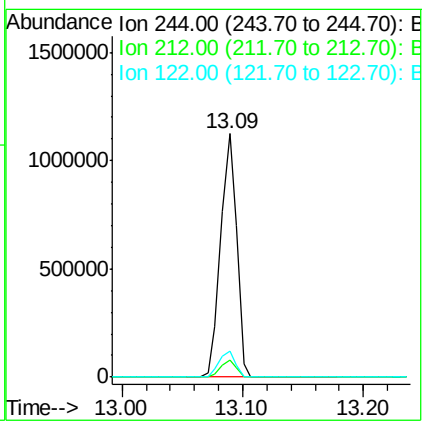


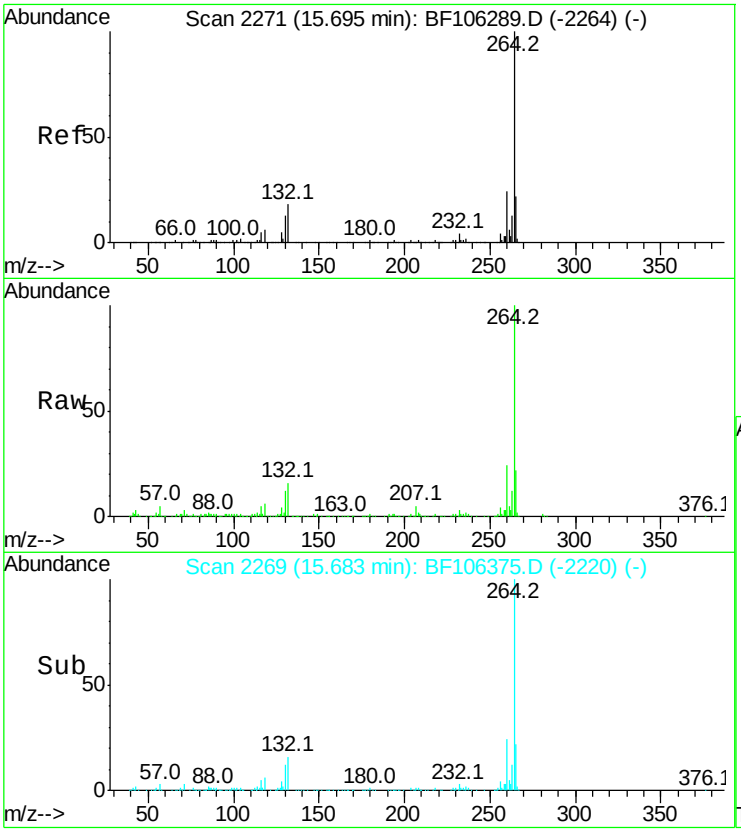




#78
Terphenyl-d14
Concen: 82.239 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:244 Resp: 1030954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.4 | 8.0 |
| 122 | 10.8 | 11.0 | 16.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

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

Tgt Ion:264 Resp: 218392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.2 | 28.8 |
| 265 | 21.6 | 17.5 | 26.3 |