Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-2

Quant Time: Mar 31 21:49:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 111899 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.07 | 136 | 427149 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 188257 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 317501 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.95 | 240 | 201417 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.36 | 264 | 203153 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 626775 | 93.28 | ng | | -0.01 |
| 7) Phenol-d6 | 6.42 | 99 | 597313 | 69.92 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 779724 | 102.80 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 243301 | 136.02 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 1176244 | 104.39 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.89 | 244 | 839990 | 85.77 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.56 | 77 | 20518 | 3.99 | ng | | 87 |
| 15) Benzyl Alcohol | 6.94 | 79 | 12083 | 2.12 | ng | # | 50 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 106880 | 20.90 | ng | # | 74 |
| 25) Isophorone | 7.36 | 82 | 765034 | 52.36 | ng | # | 68 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 288 | Below Cal | | # | 1 |
| 53) 2,4-Dinitrophenol | 9.98 | 184 | 265 | 6.20 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.62 | 248 | 16018 | 4.93 | ng | # | 1 |

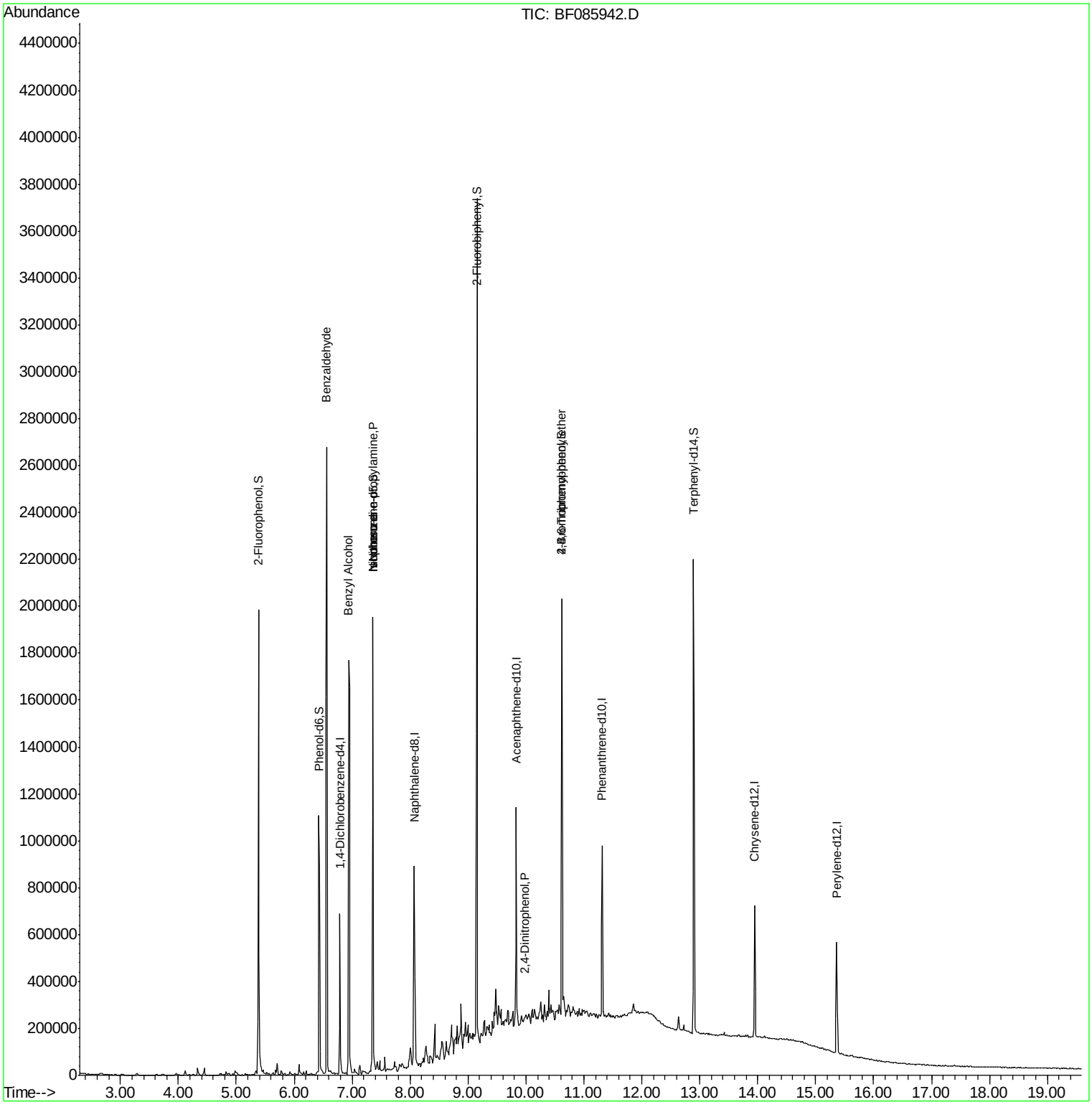
(#) = qualifier out of range (m) = manual integration (+) = signals summed

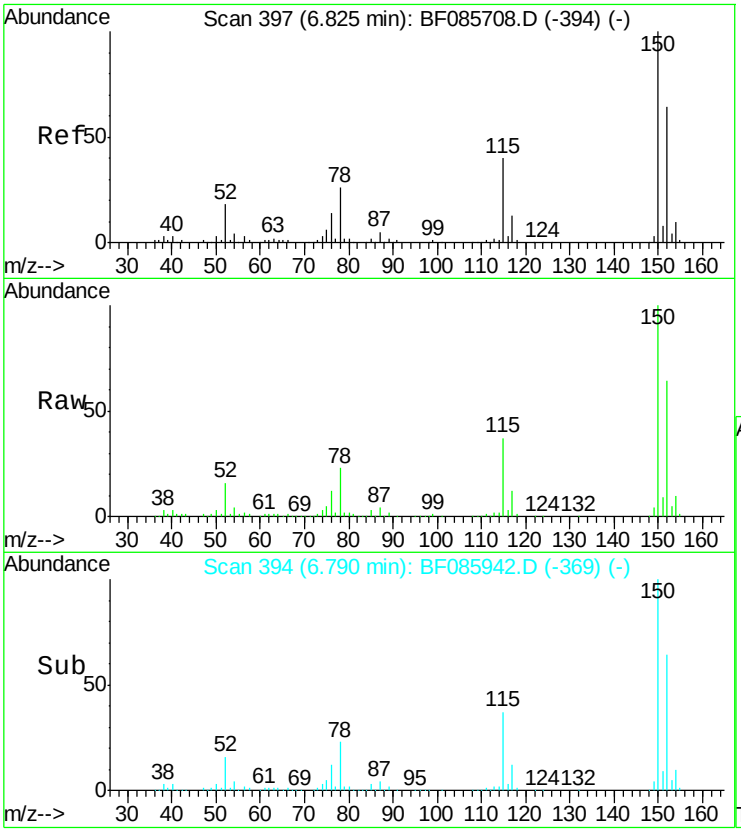
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Quant Time: Mar 31 21:49:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



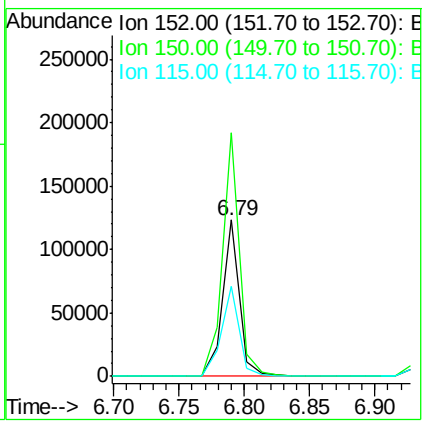


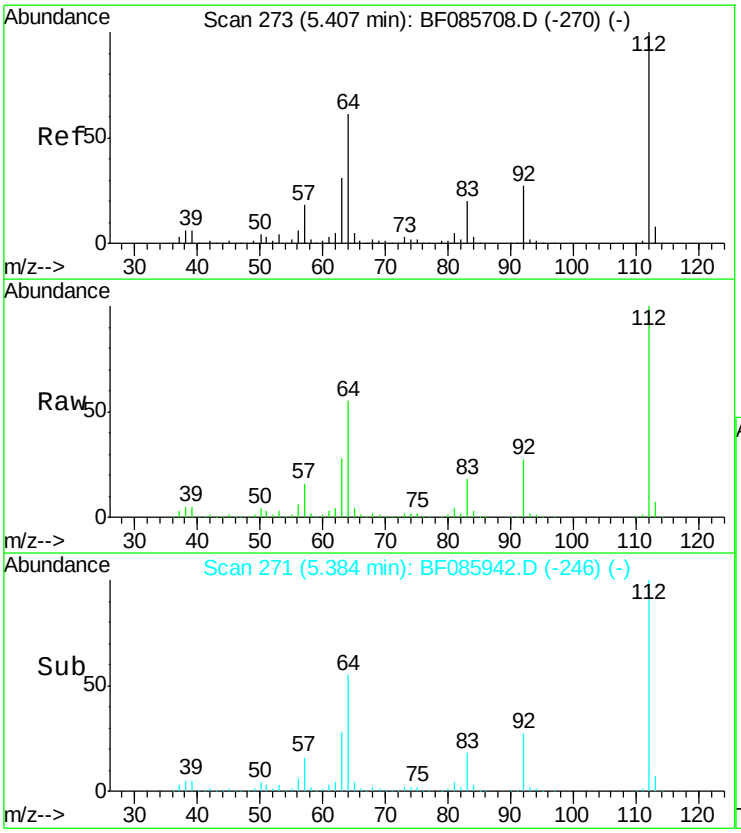

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:152 Resp: 111899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 124.2 | 186.2 |
| 115 | 57.8 | 47.0 | 70.6 |

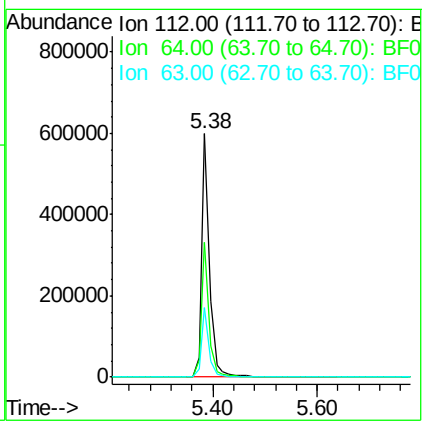


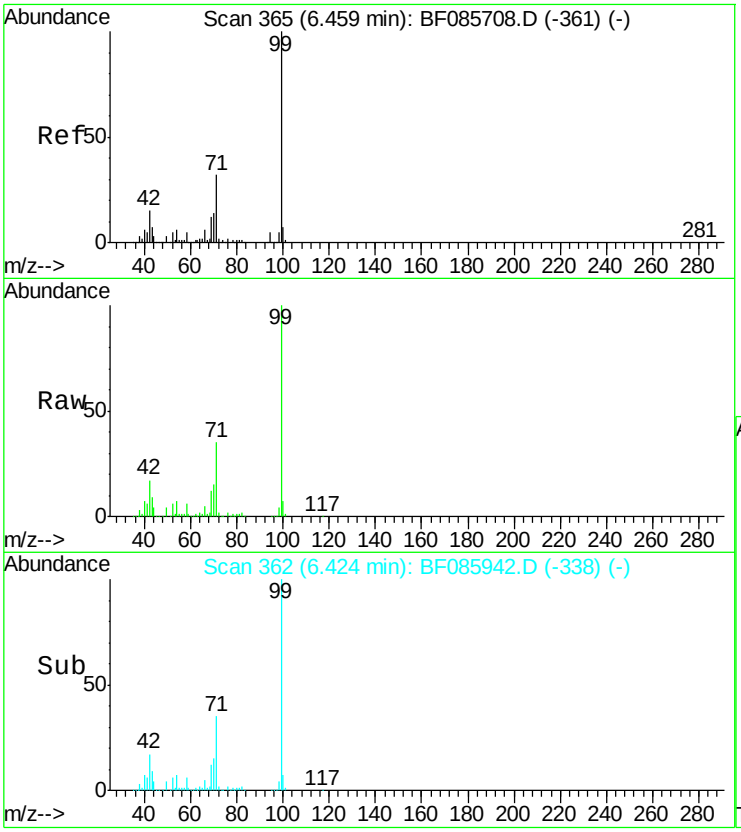




#5
2-Fluorophenol
Concen: 93.28 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:112 Resp: 626775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 39.9 | 59.9 |
| 63 | 28.4 | 20.2 | 30.2 |



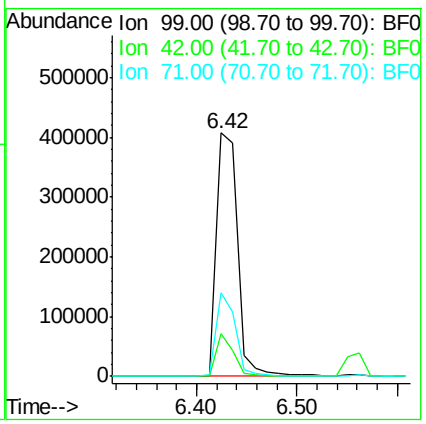


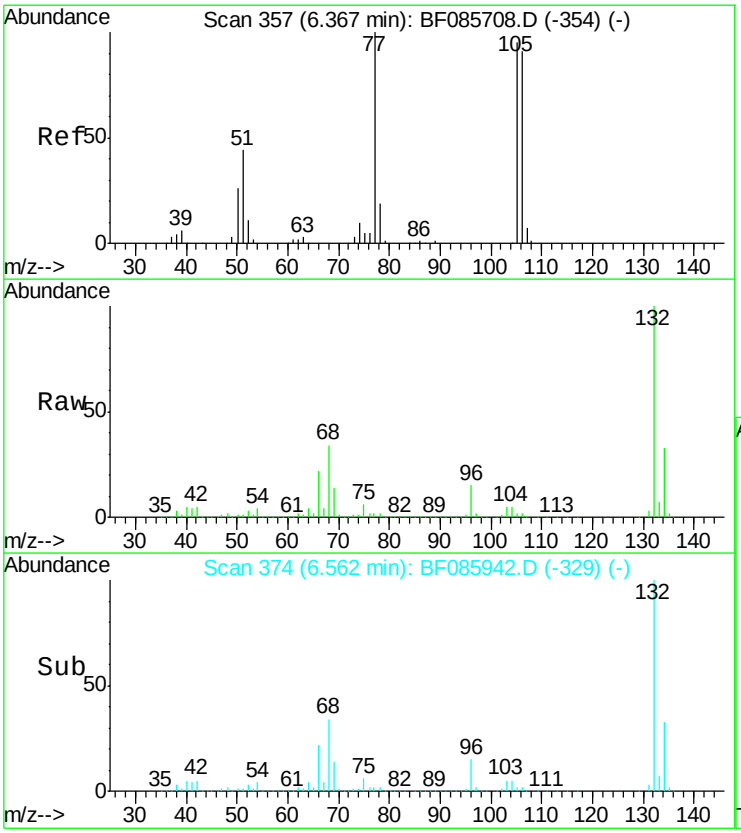

#7
Phenol-d6
Concen: 69.92 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion: 99 Resp: 597313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.4 | 11.1 | 16.7# |
| 71 | 34.6 | 24.9 | 37.3 |

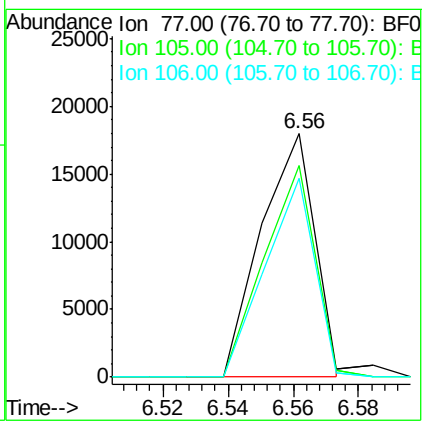


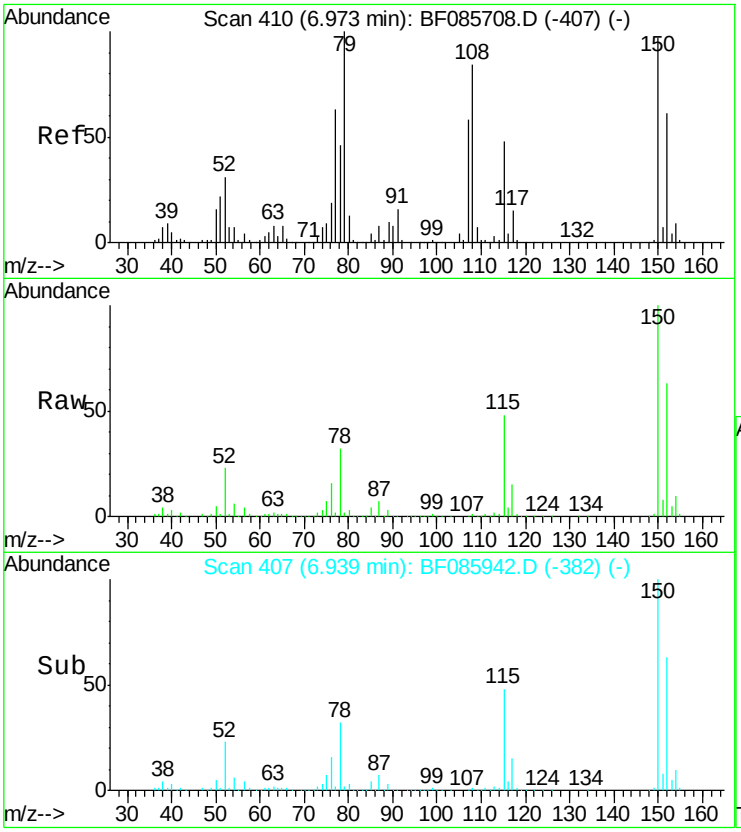




#9
Benzaldehyde
Concen: 3.99 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.22 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion: 77 Resp: 20518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.0 | 80.1 | 120.1 |
| 106 | 81.7 | 75.0 | 115.0 |



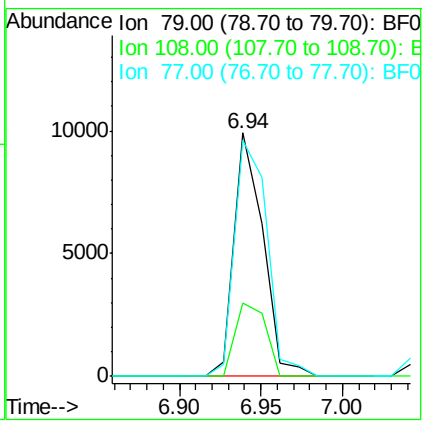


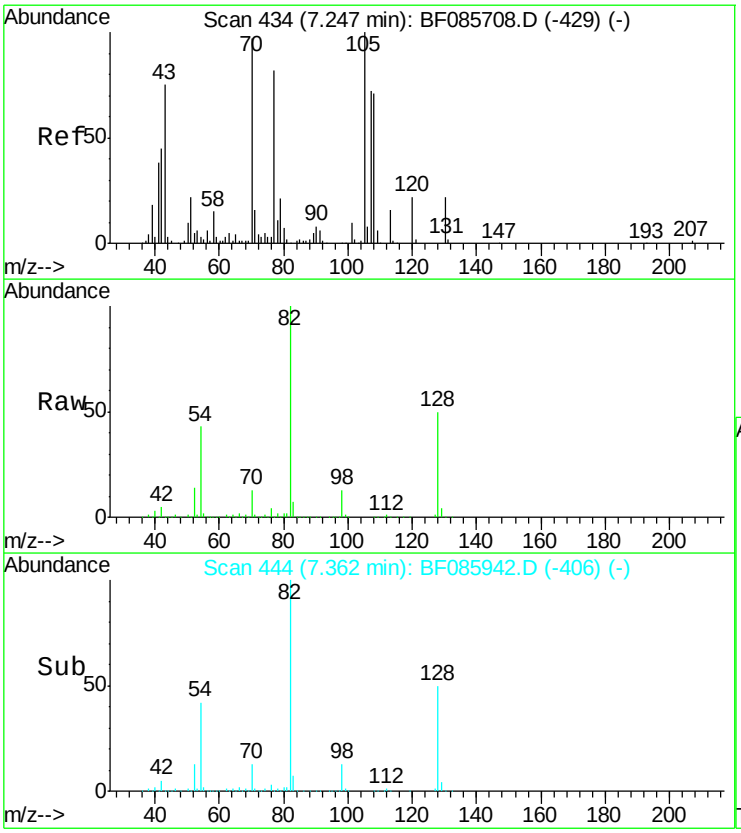

#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion: 79 Resp: 12083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 30.2 | 61.8 | 92.6# |
| 77 | 97.0 | 49.6 | 74.4# |

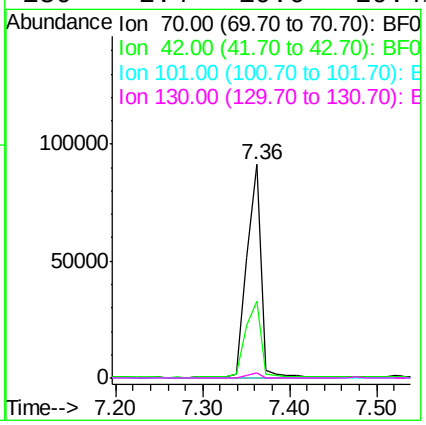


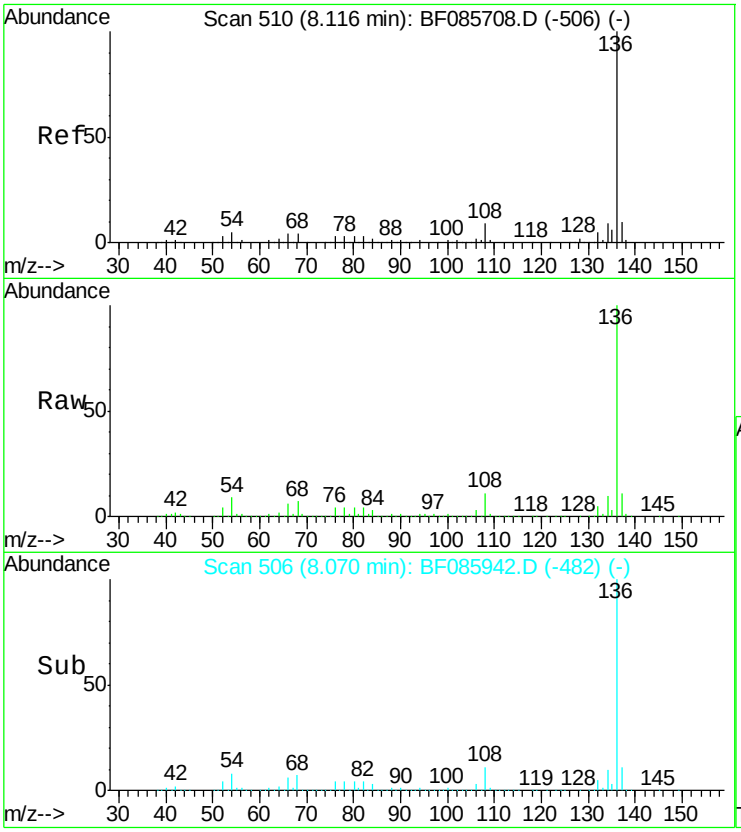




#19
n-Nitroso-di-n-propylamine
Concen: 20.90 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion: 70 Resp: 106880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 35.9 | 37.1 | 55.7# |
| 101 | 0.0 | 8.6 | 12.8# |
| 130 | 2.4 | 19.6 | 29.4# |



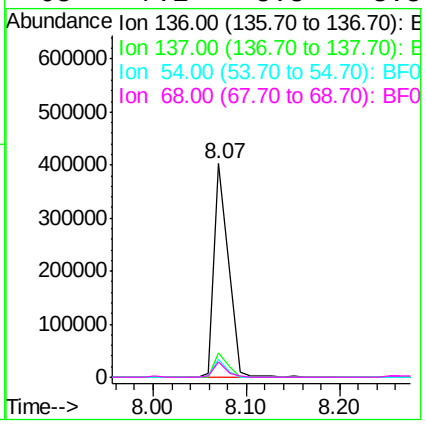


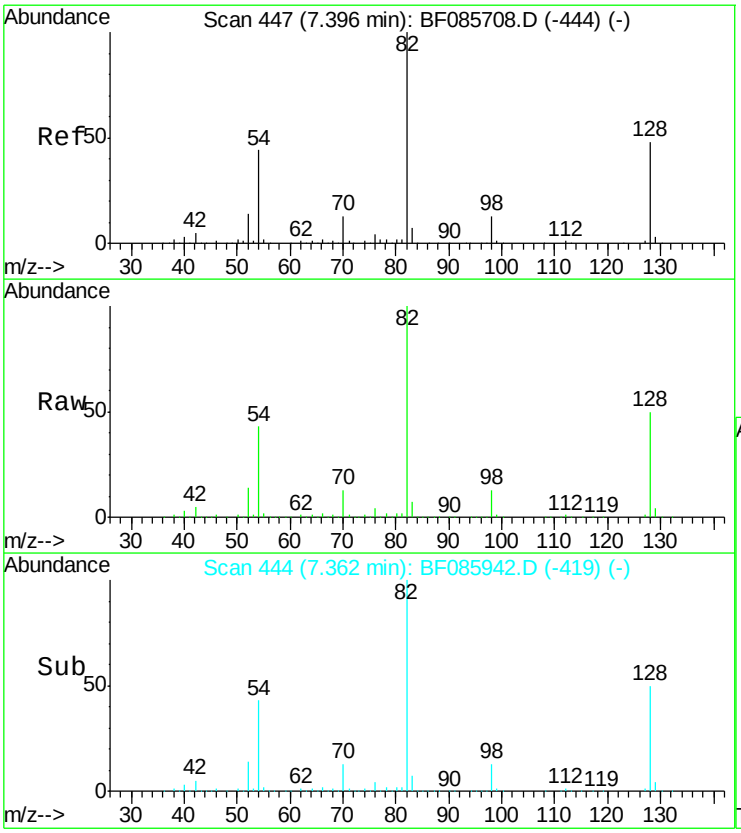

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:136 Resp: 427149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 8.5 | 7.4 | 11.0 |
| 68 | 7.1 | 5.8 | 8.8 |

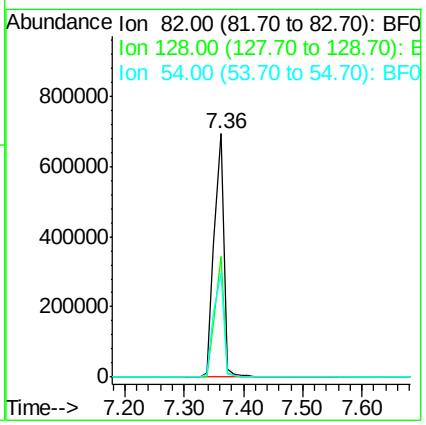


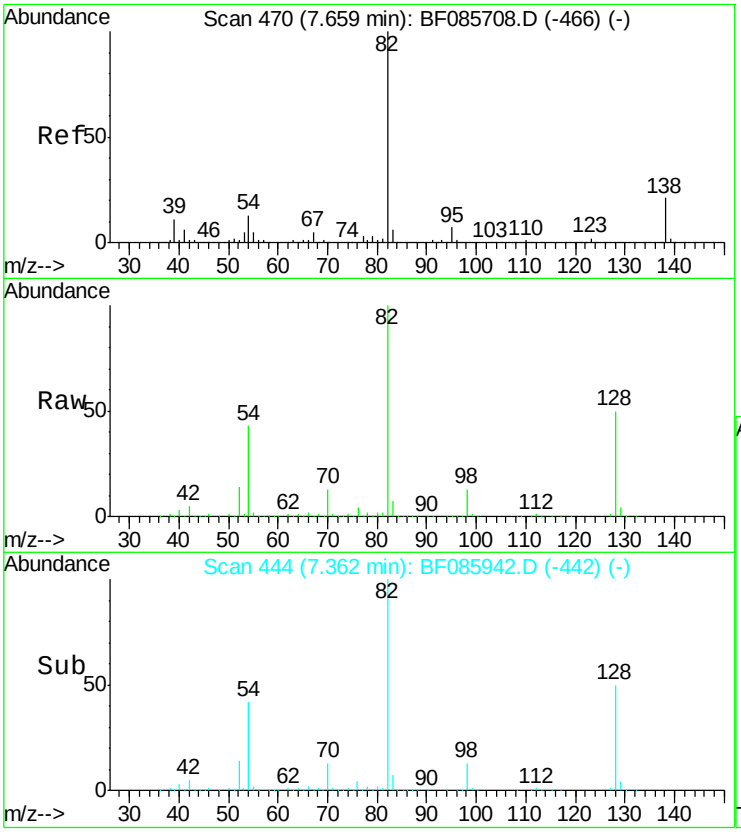




#23
Nitrobenzene-d5
Concen: 102.80 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion: 82 Resp: 779724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 41.8 | 62.8 |
| 54 | 42.6 | 33.4 | 50.0 |



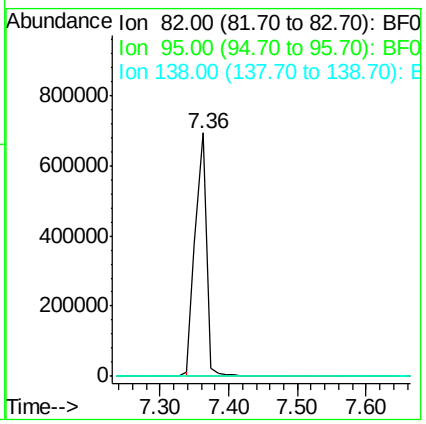


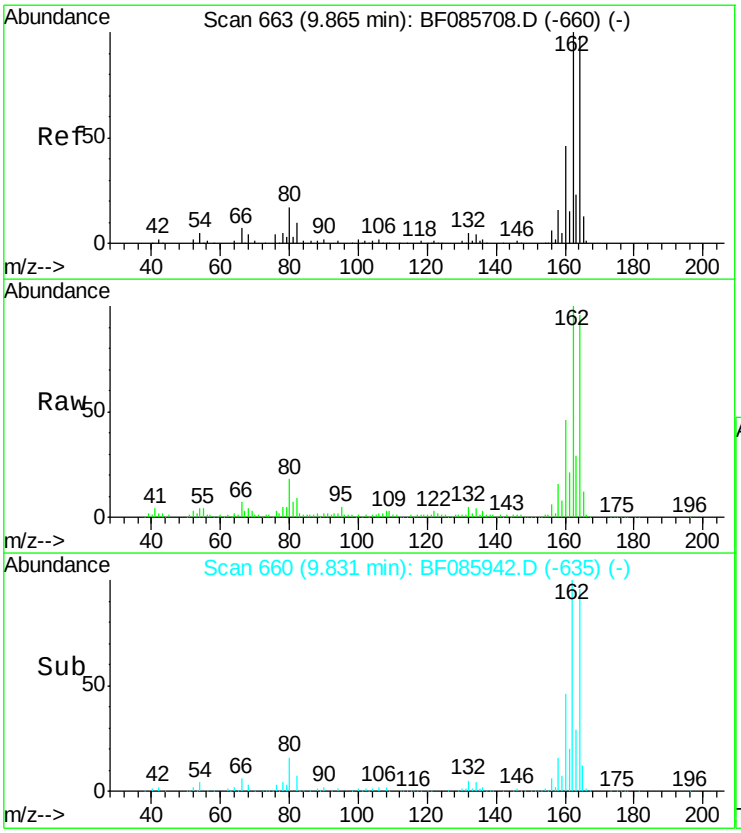

#25
Isophorone
Concen: 52.36 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion: 82 Resp: 765034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.1 | 5.4 | 8.2# |
| 138 | 0.0 | 12.9 | 19.3# |

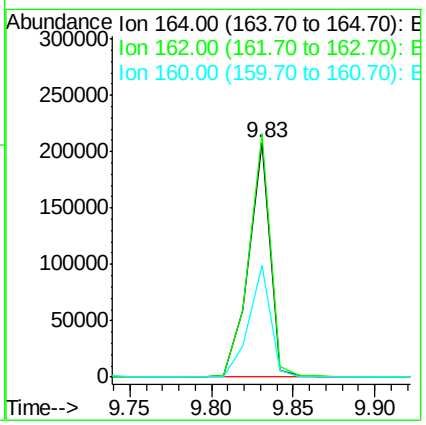


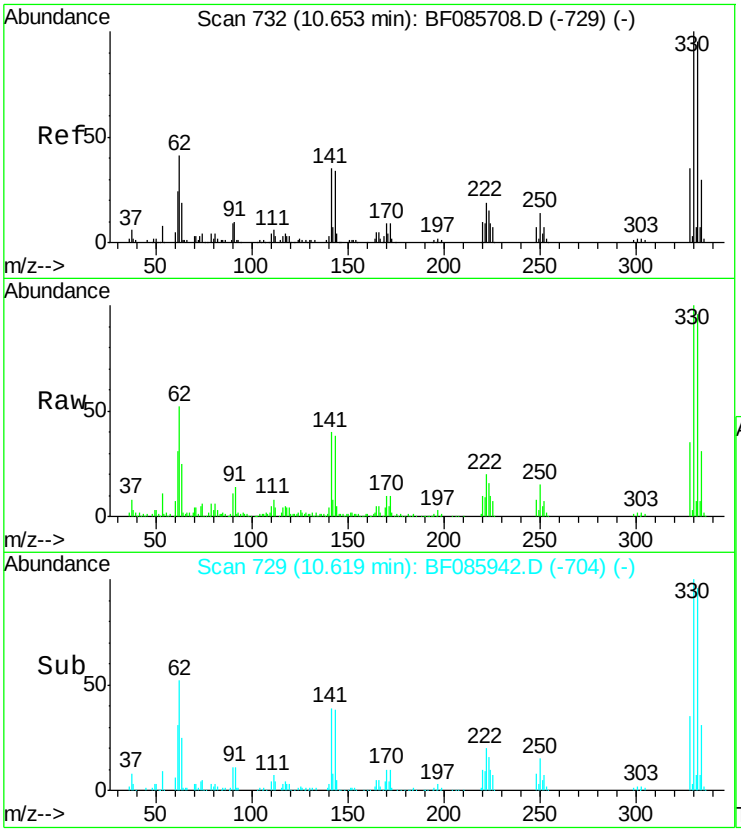




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:164 Resp: 188257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 82.1 | 123.1 |
| 160 | 47.5 | 37.4 | 56.2 |



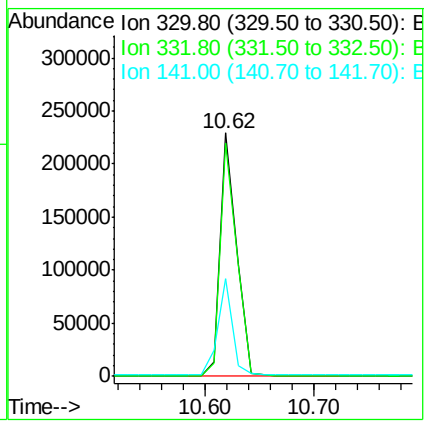


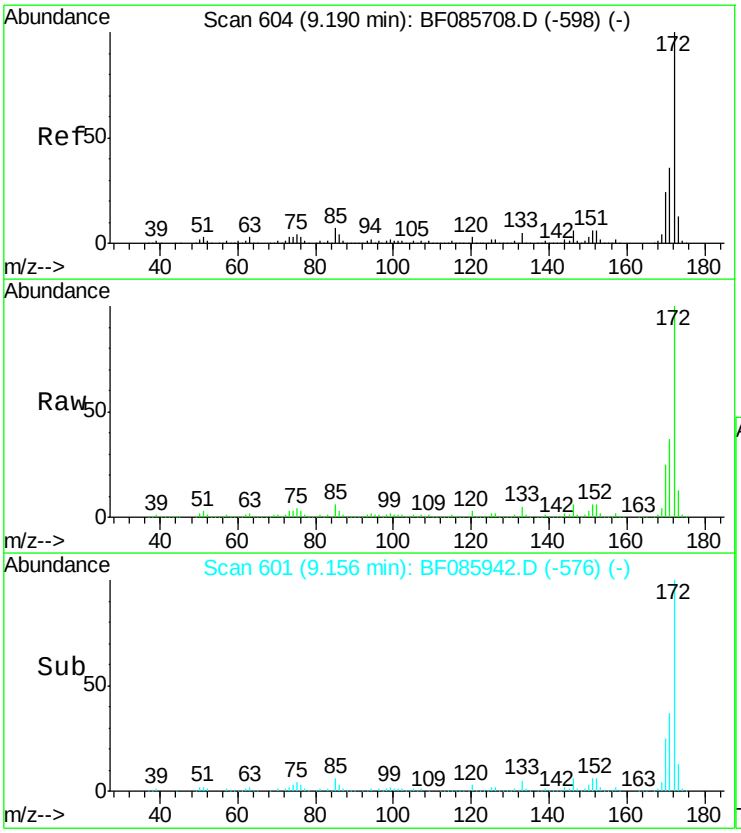

#41
2,4,6-Tribromophenol
Concen: 136.02 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:330 Resp: 243301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 78.2 | 117.2 |
| 141 | 35.3 | 31.5 | 47.3 |

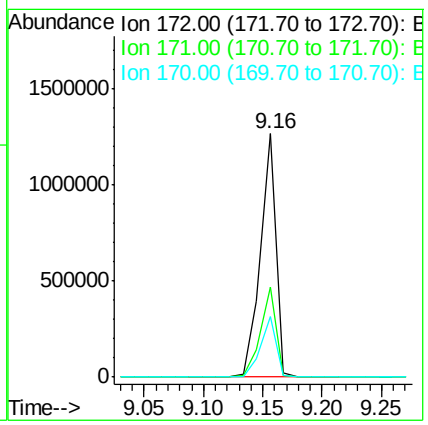


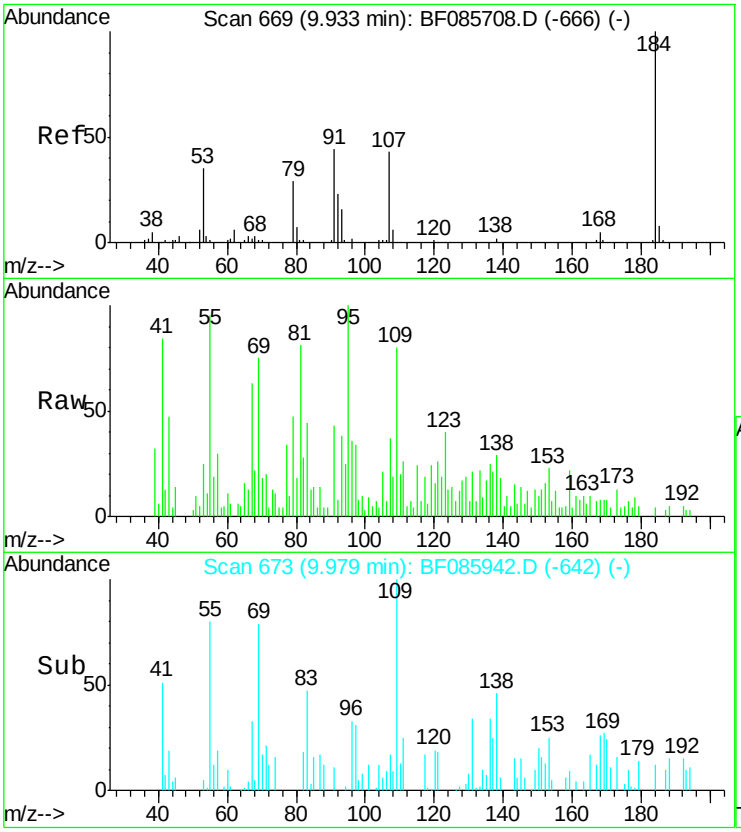




#44
2-Fluorobiphenyl
Concen: 104.39 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:172 Resp: 1176244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 29.4 | 44.2 |
| 170 | 24.7 | 19.8 | 29.6 |



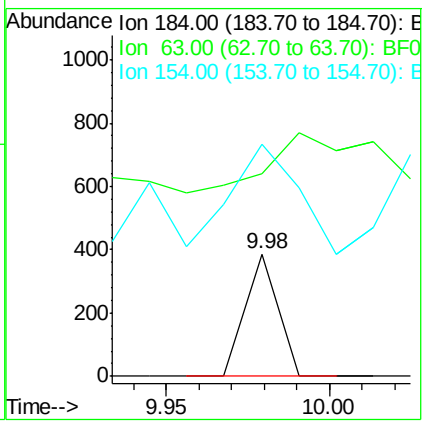


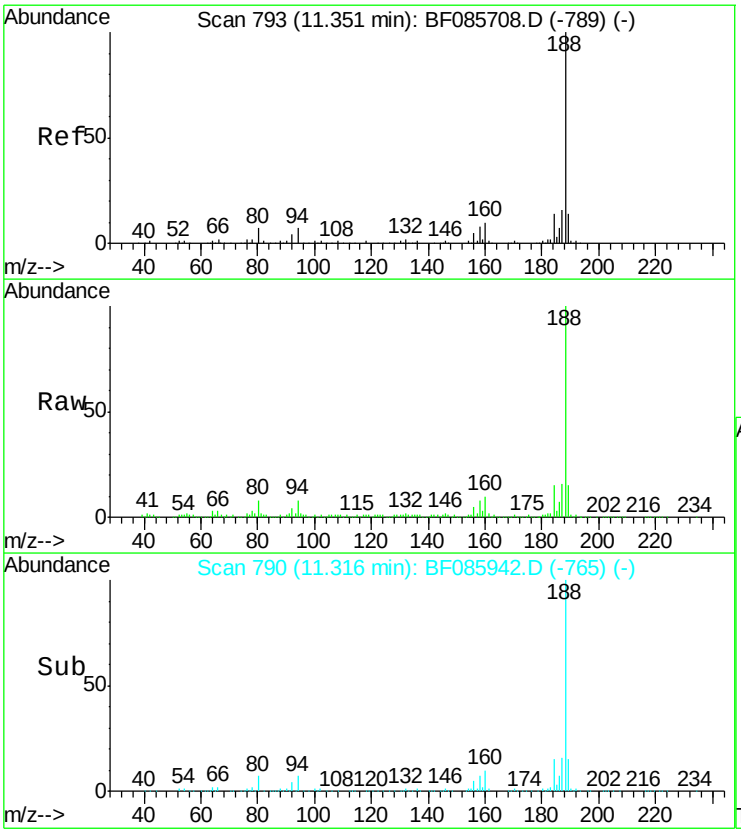

#53
2,4-Dinitrophenol
Concen: 6.20 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.06 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:184 Resp: 265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 166.1 | 69.5 | 104.3# |
| 154 | 189.6 | 58.3 | 87.5# |

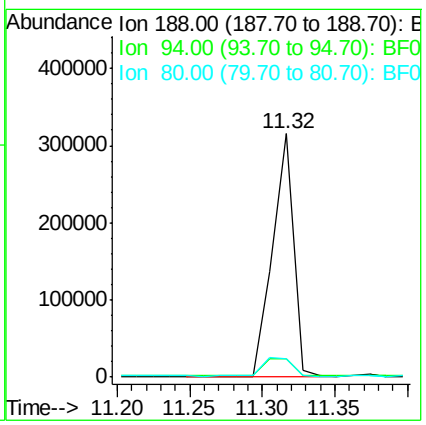


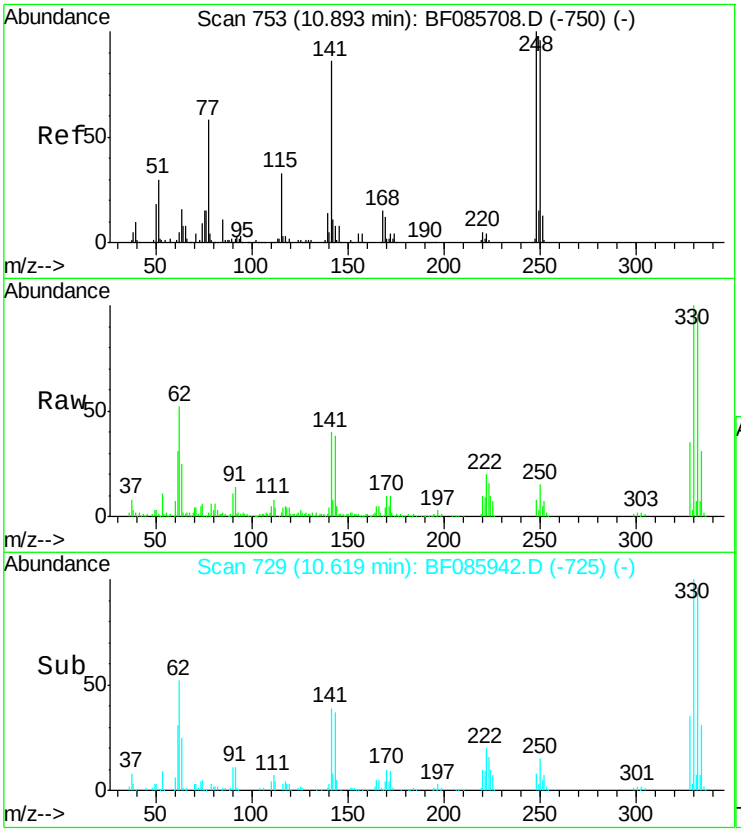




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:188 Resp: 317501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 5.4 | 8.0 |
| 80 | 7.6 | 5.5 | 8.3 |



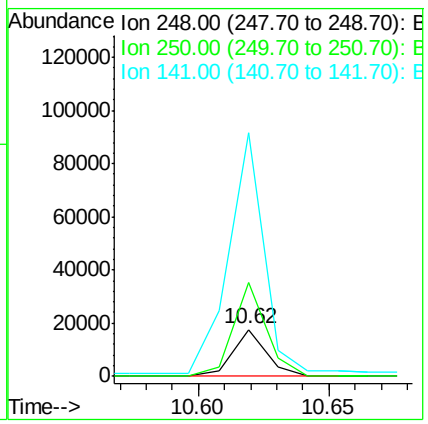


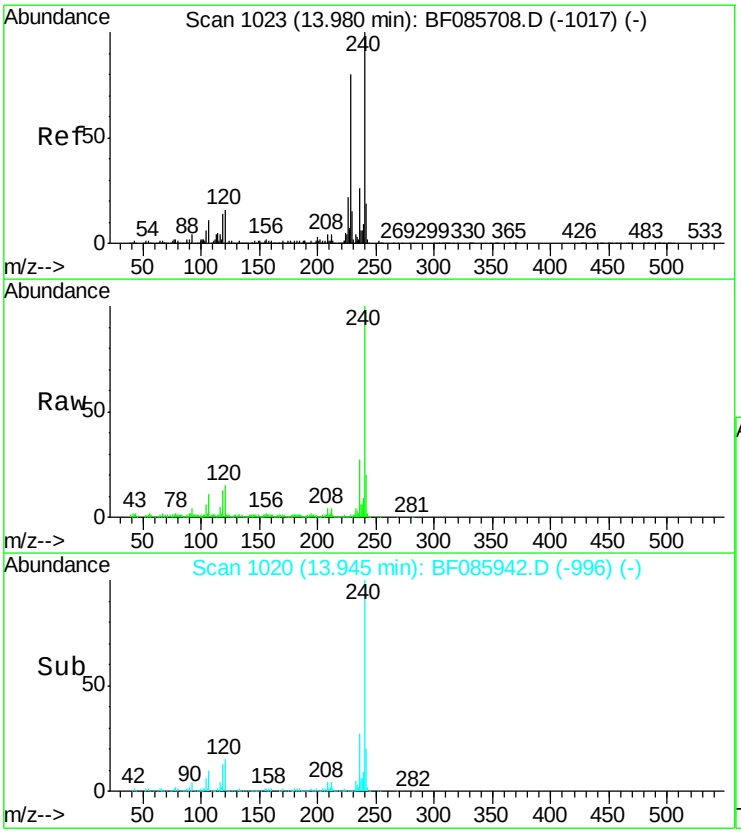

#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:248 Resp: 16018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 199.3 | 77.4 | 116.0# |
| 141 | 520.2 | 63.6 | 95.4# |

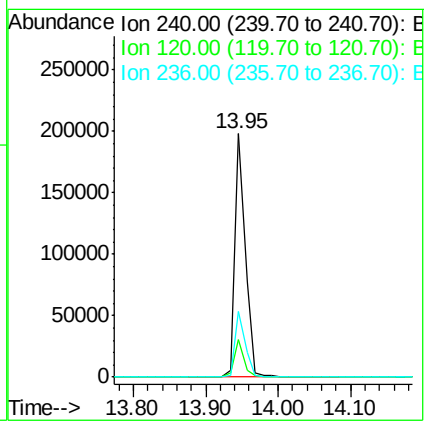


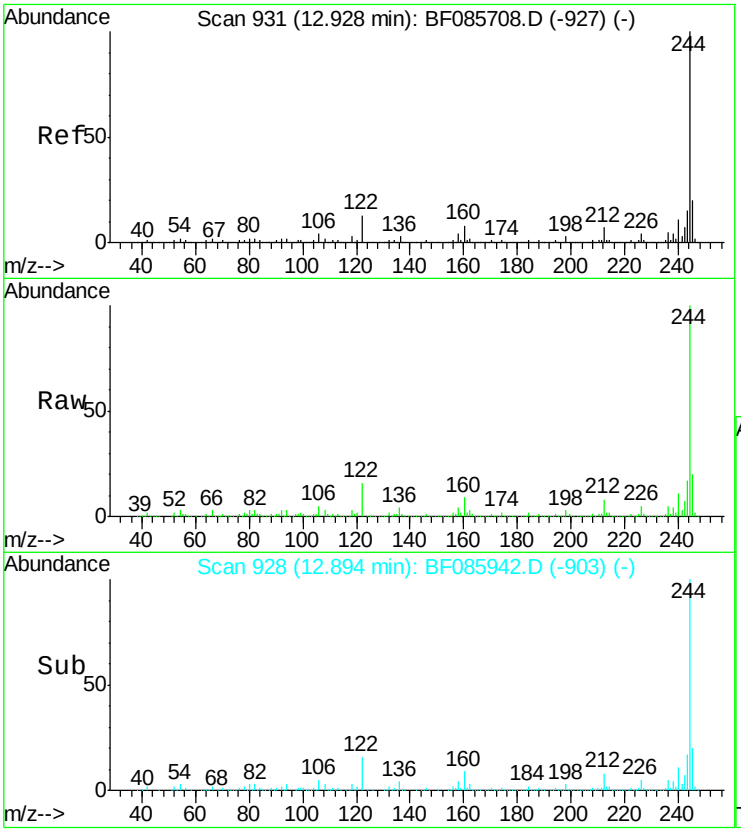




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:240 Resp: 201417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.3 | 13.8 | 20.8 |
| 236 | 26.8 | 20.6 | 30.8 |



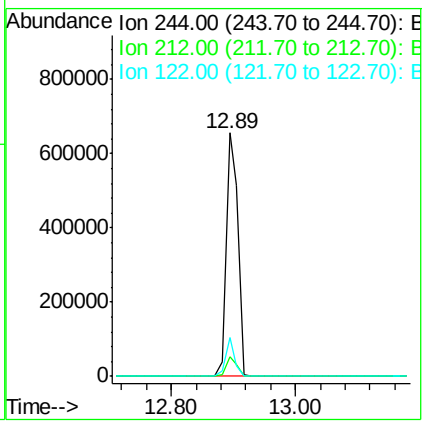


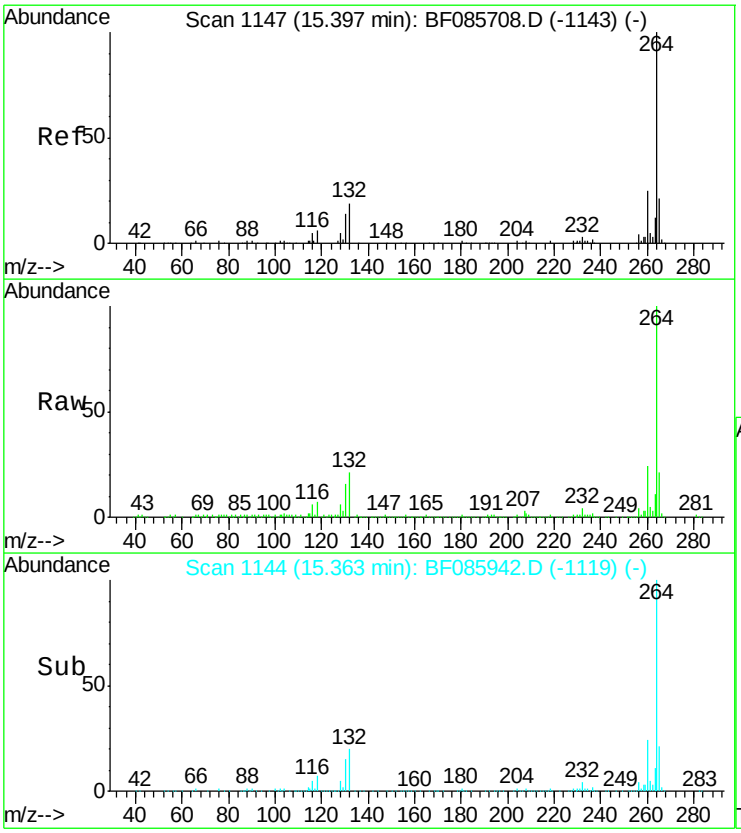

#78
Terphenyl-d14
Concen: 85.77 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:244 Resp: 839990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.1 | 9.1 |
| 122 | 16.1 | 10.2 | 15.4# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:264 Resp: 203153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.4 | 29.2 |
| 265 | 21.4 | 17.2 | 25.8 |