Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093915.D
Acq On : 1 Sep 2017 23:07
Operator : SJ/JU
Sample : I4963-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** 3835-CC4

Quant Time: Sep 02 01:22:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 2280 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 11894 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.53 | 164 | 6941 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 18165 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 16893 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.92 | 264 | 14833 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.51 | 112 | 984 | 0.14 | ng | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 847 | 0.08 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 3226 | 0.33 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 5396 | 0.29 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 841 | 0.45 | ng | -0.03 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 9322 | 0.34 | ng | -0.01 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 56487 | 0.27 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 14725 | 0.48 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.71 | 42 | 746 | 0.214 | ng | # 1 |
| 6) bis(2-Chloroethyl)ether | 7.25 | 93 | 814 | 0.098 | ng | # 1 |
| 20) 4-Bromophenyl-phenylether | 16.42 | 248 | 10 | Below Cal | | # 1 |
| 21) Hexachlorobenzene | 16.62 | 284 | 6 | Below Cal | | # 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 182653 | 1.727 | ng | 99 |

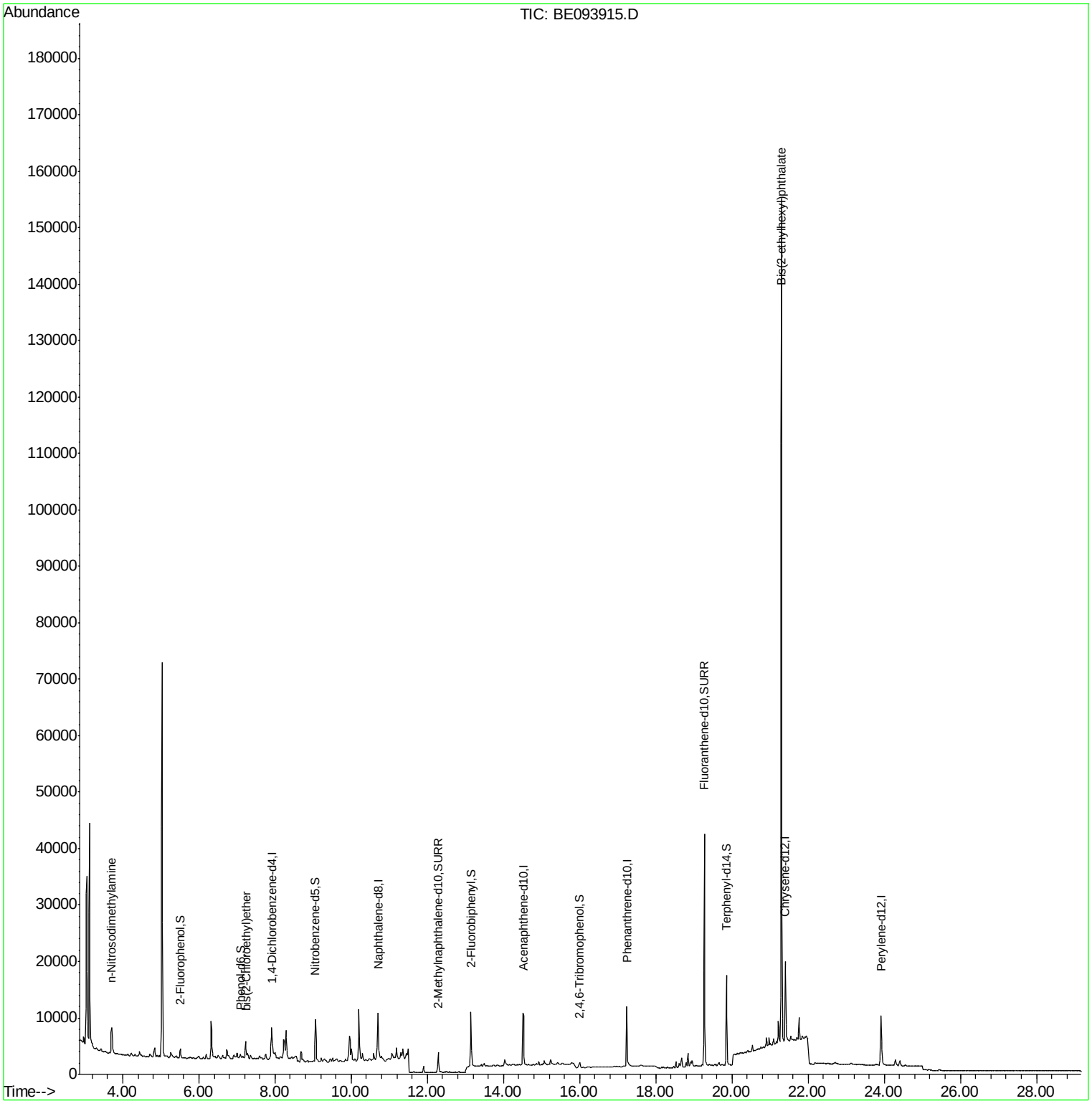
(#) = qualifier out of range (m) = manual integration (+) = signals summed

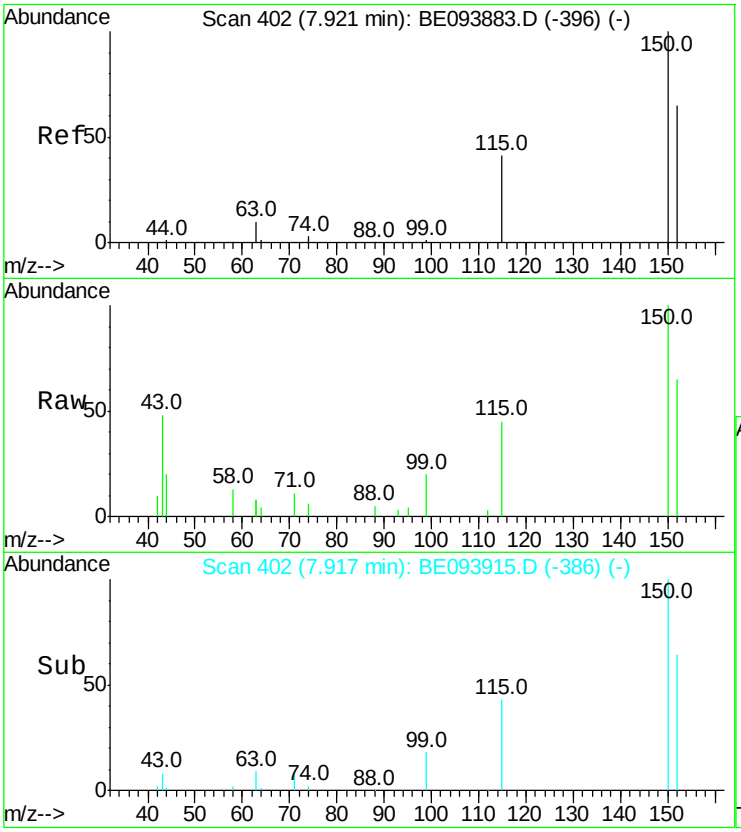
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093915.D
Acq On : 1 Sep 2017 23:07
Operator : SJ/JU
Sample : I4963-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Quant Time: Sep 02 01:22:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration



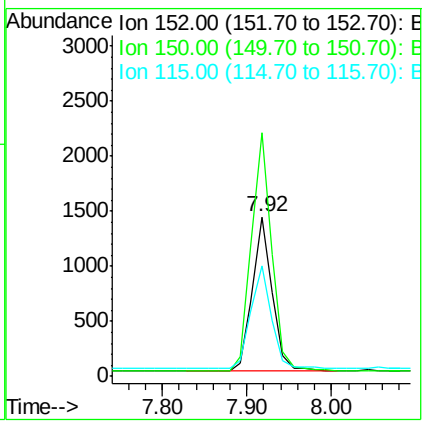


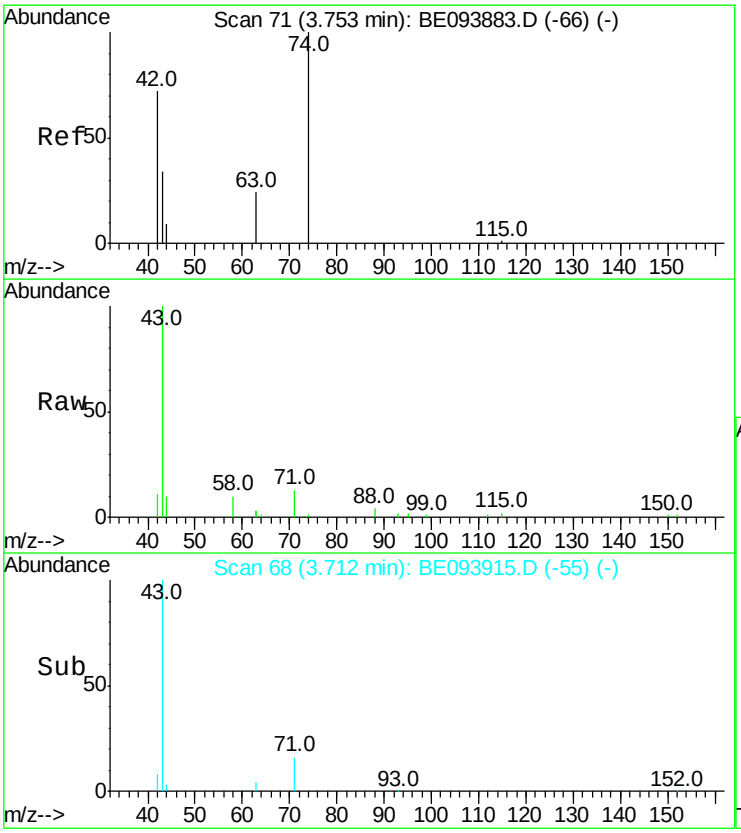

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:152 Resp: 2280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 121.8 | 182.6 |
| 115 | 69.6 | 52.6 | 79.0 |

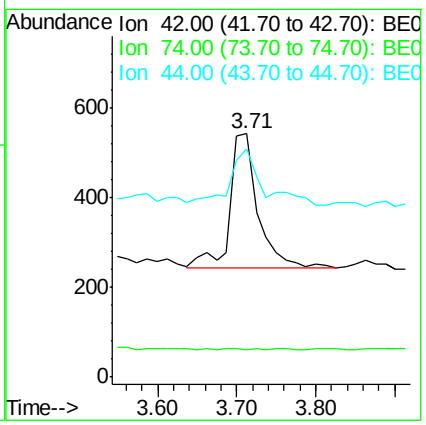


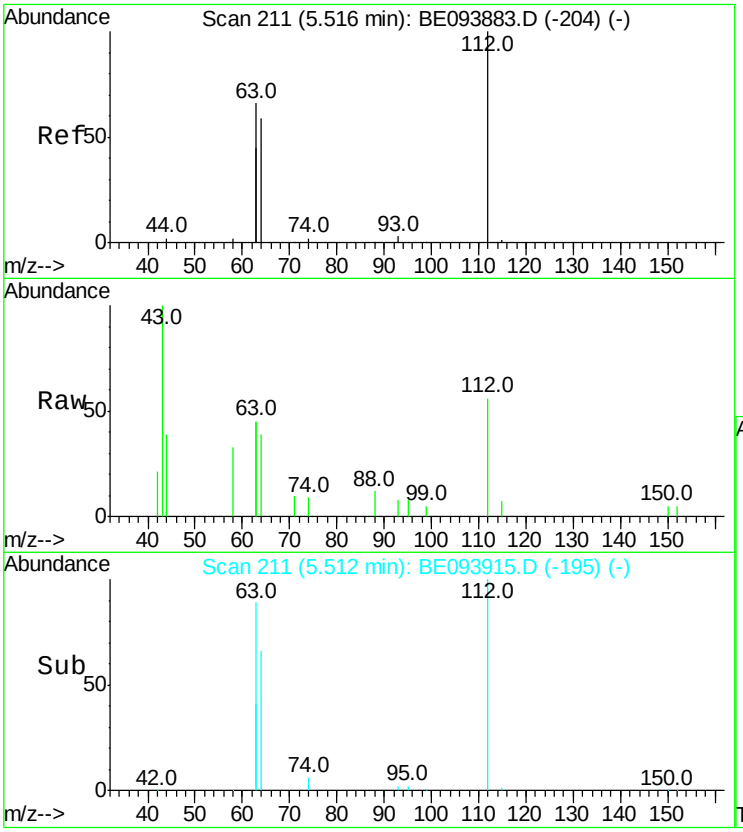




#3
n-Nitrosodimethylamine
Concen: 0.214 ng
RT: 3.71 min Scan# 68
Delta R.T. -0.04 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion: 42 Resp: 746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 104.0 | 156.0# |
| 44 | 47.3 | 13.8 | 20.8# |



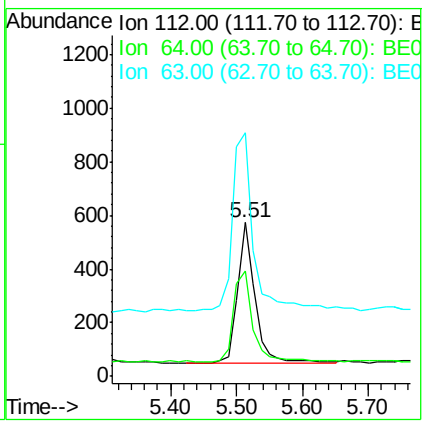


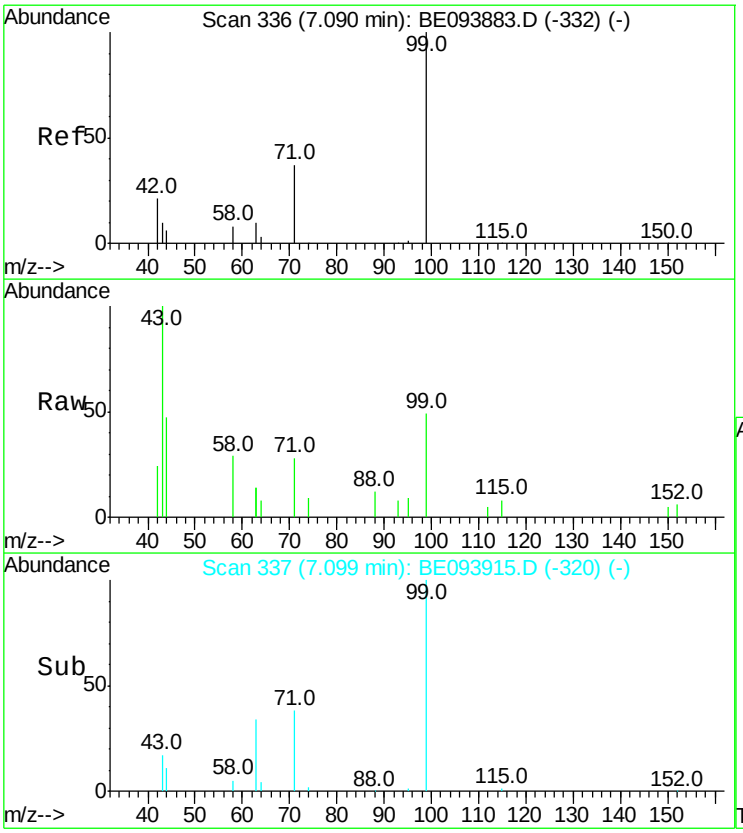

#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:112 Resp: 984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.4 | 57.7 | 86.5 |
| 63 | 149.1 | 116.0 | 174.0 |

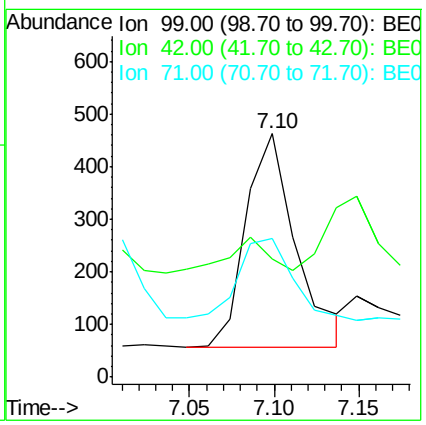


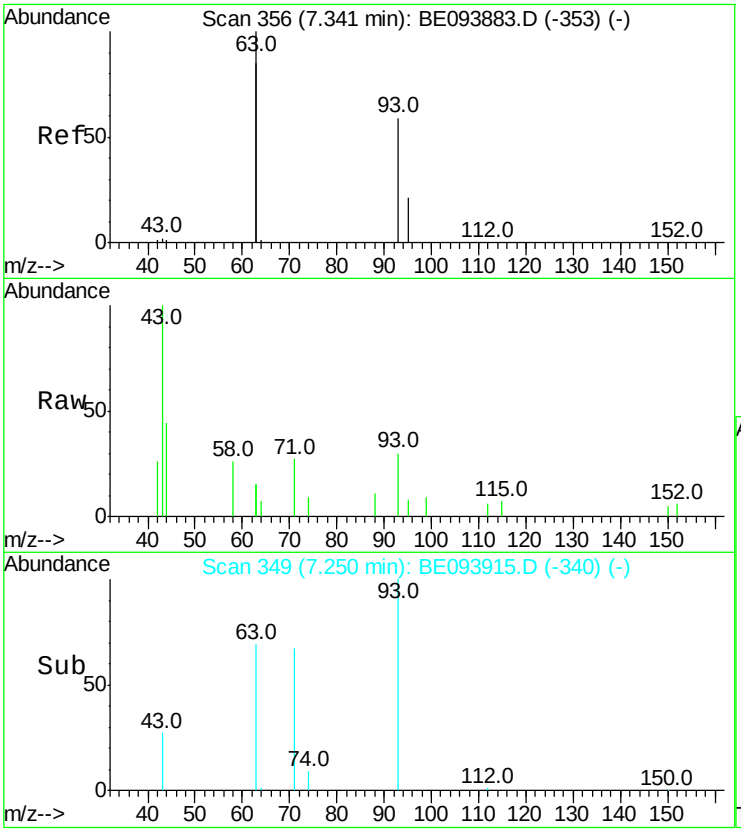




#5
Phenol-d6
Concen: 0.079 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion: 99 Resp: 847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.0 | 17.1 | 25.7# |
| 71 | 39.7 | 26.6 | 39.8 |



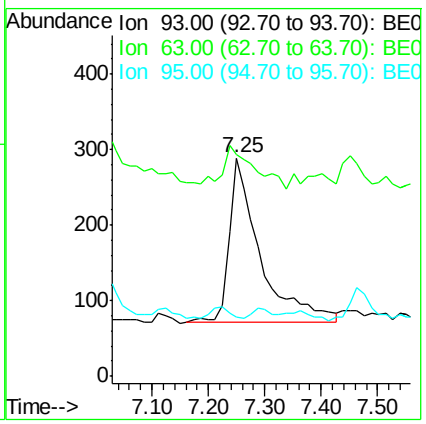


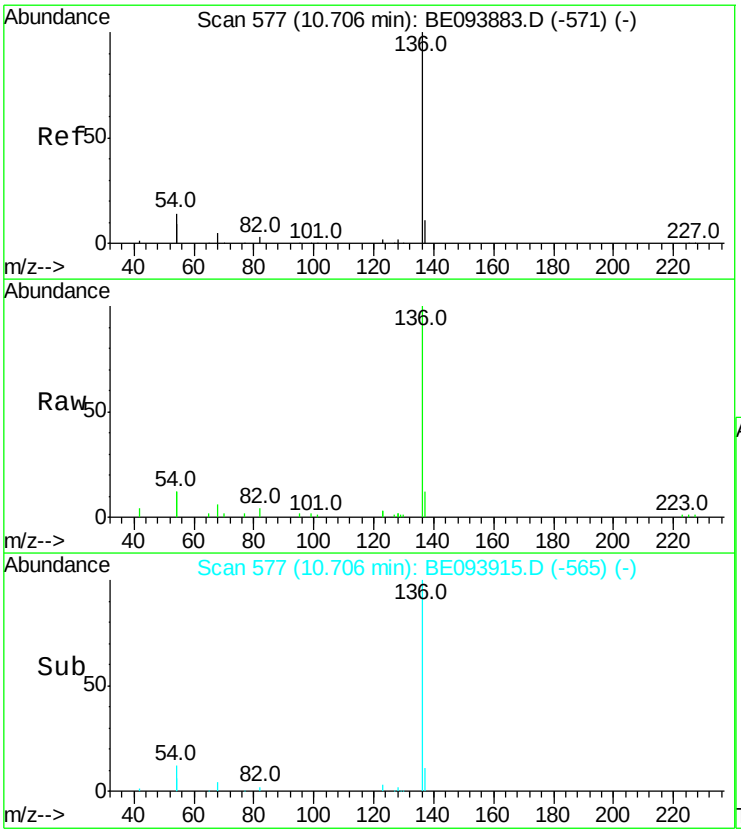

#6
bis(2-Chloroethyl)ether
Concen: 0.098 ng
RT: 7.25 min Scan# 349
Delta R.T. -0.09 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion: 93 Resp: 814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 283.4 | 425.2# |
| 95 | 0.0 | 26.9 | 40.3# |

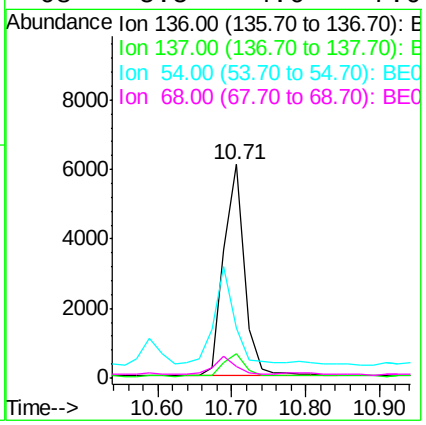


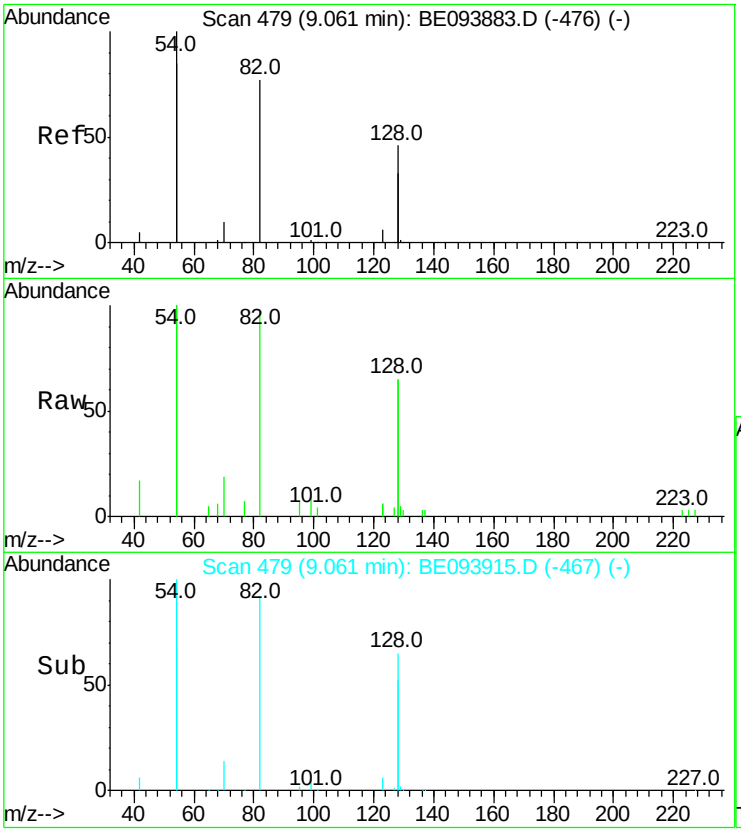




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:136 Resp: 11894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.2 | 13.8 |
| 54 | 23.4 | 21.9 | 32.9 |
| 68 | 5.5 | 4.6 | 7.0 |



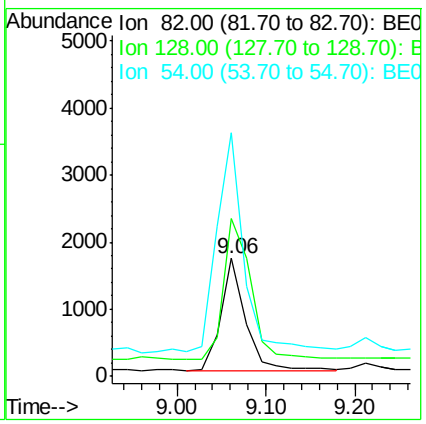


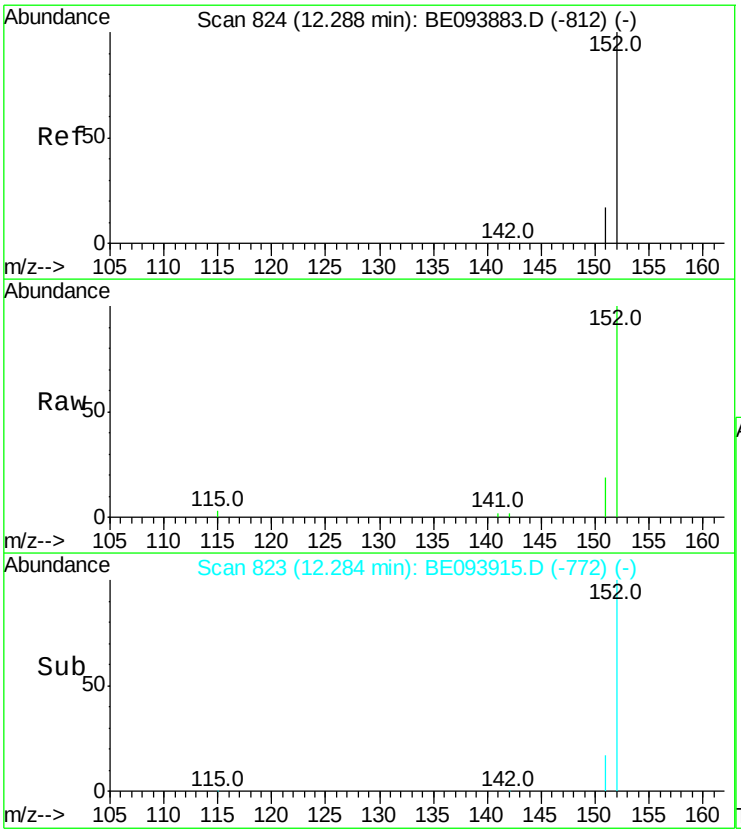

#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion: 82 Resp: 3226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 134.1 | 91.4 | 137.0 |
| 54 | 206.4 | 197.8 | 296.8 |

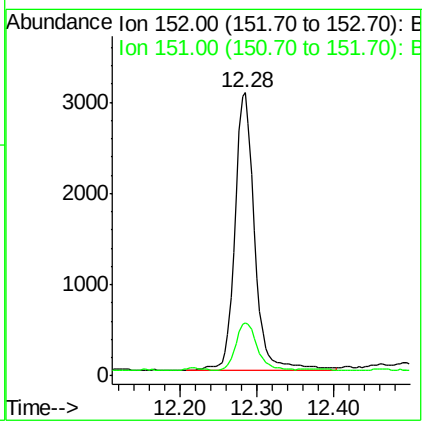


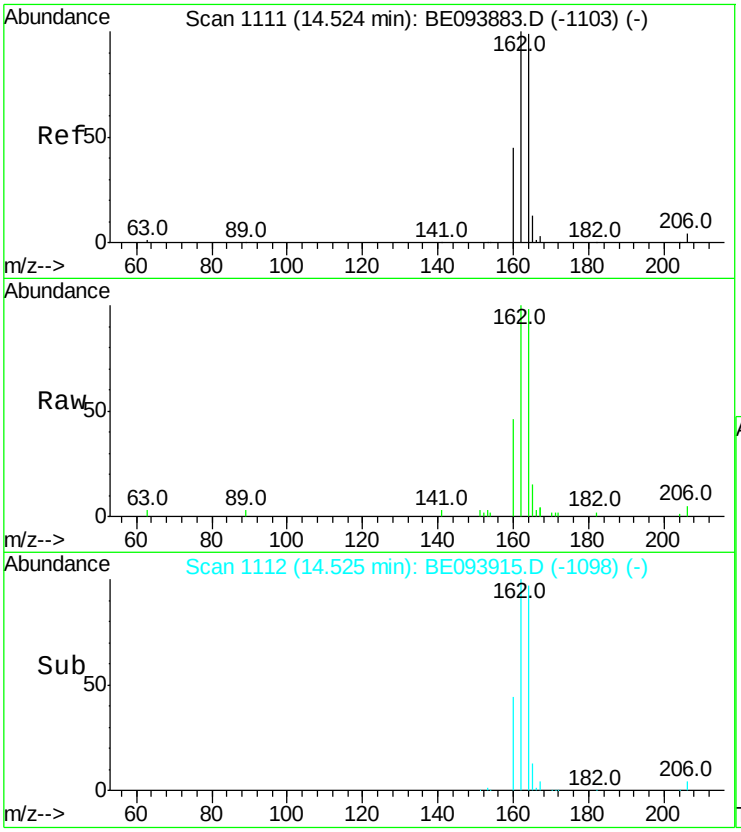




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:152 Resp: 5396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.7 | 15.4 | 23.0 |



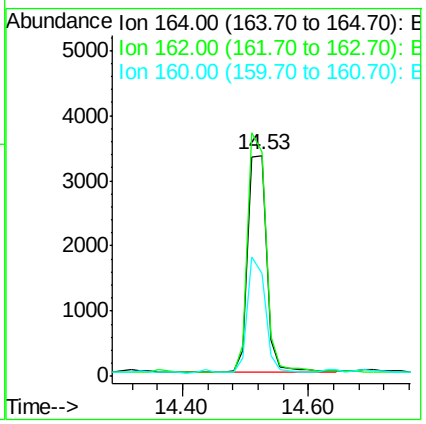


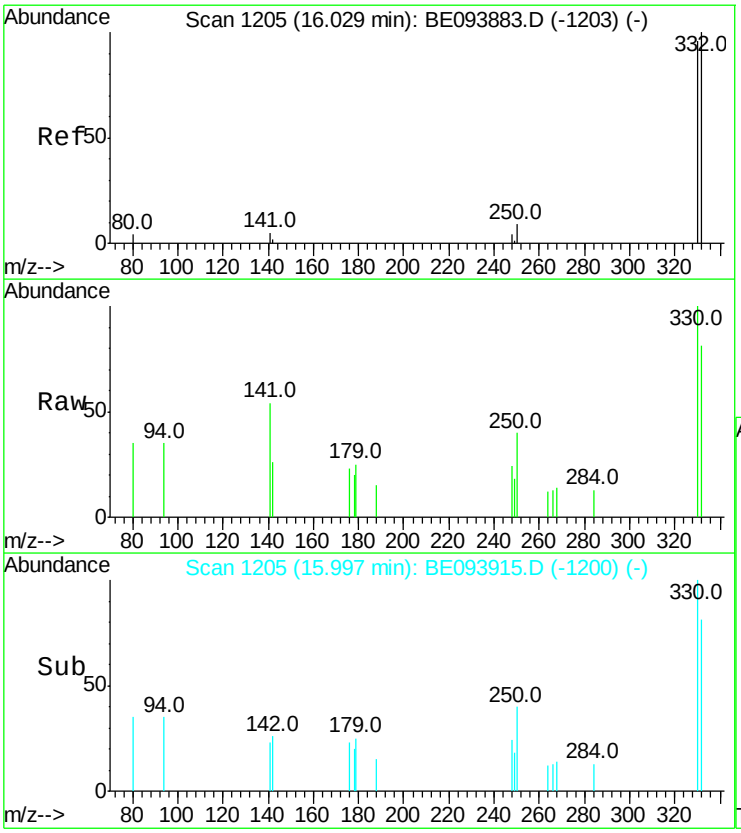

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:164 Resp: 6941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 80.8 | 121.2 |
| 160 | 46.5 | 37.0 | 55.4 |

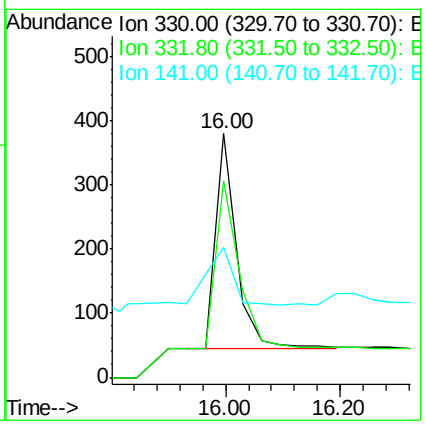


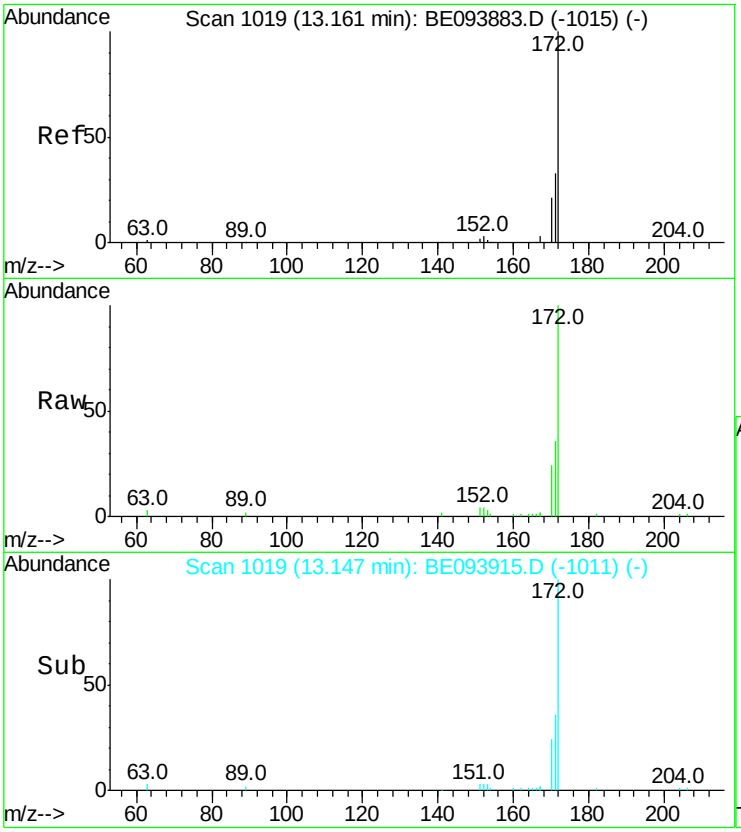




#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:330 Resp: 841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 87.4 | 76.9 | 115.3 |
| 141 | 33.1 | 0.0 | 0.0# |



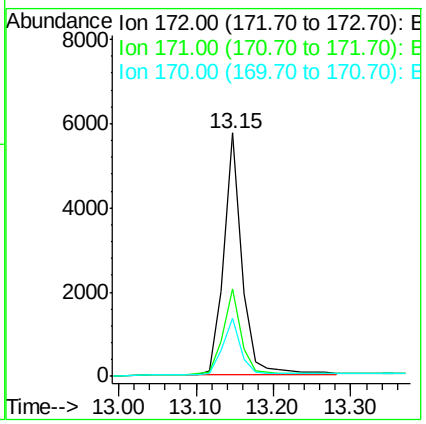


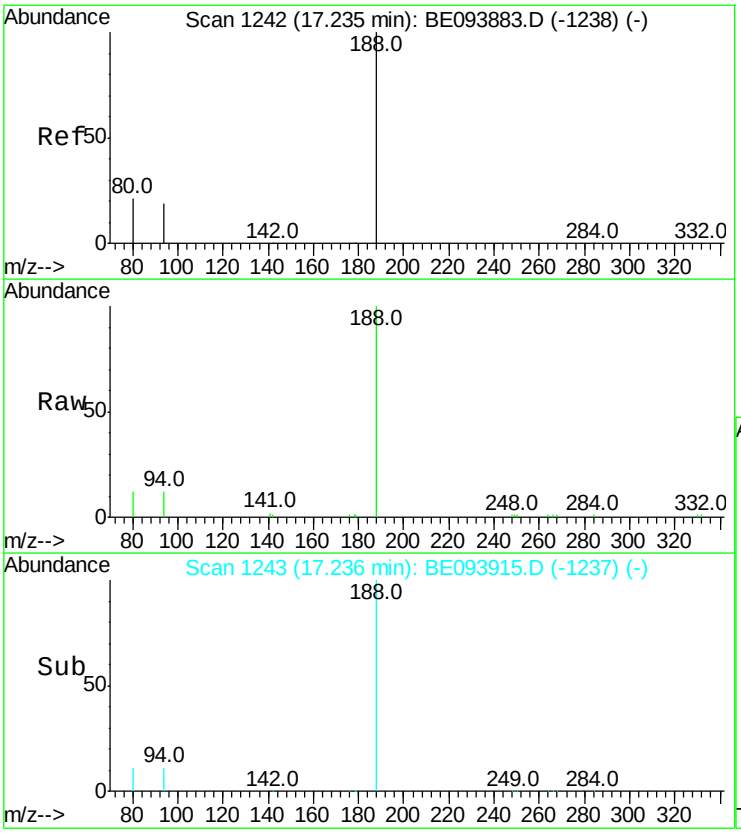

#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:172 Resp: 9322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 26.9 | 40.3 |
| 170 | 23.7 | 17.3 | 25.9 |

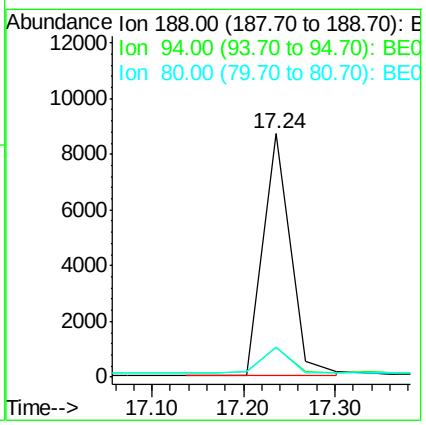


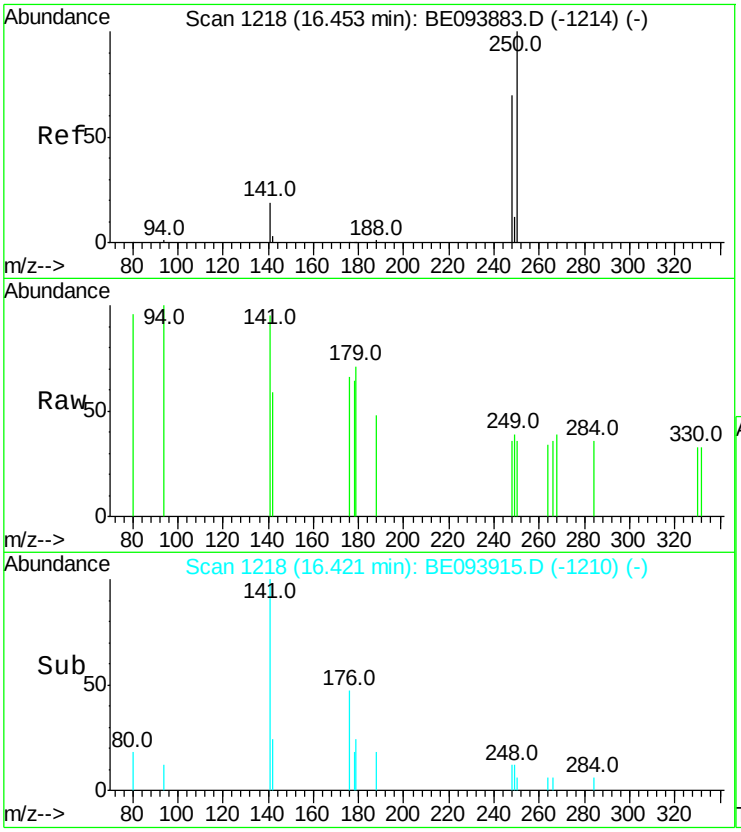




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:188 Resp: 18165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.4 | 16.1 | 24.1# |
| 80 | 12.2 | 18.2 | 27.2# |



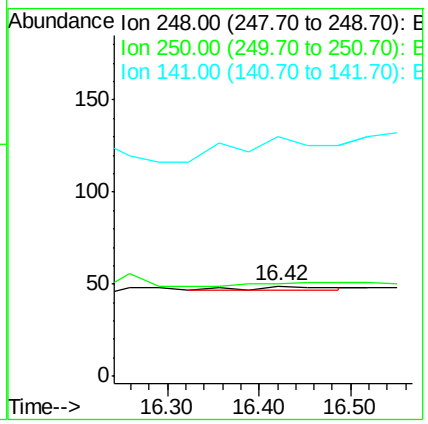


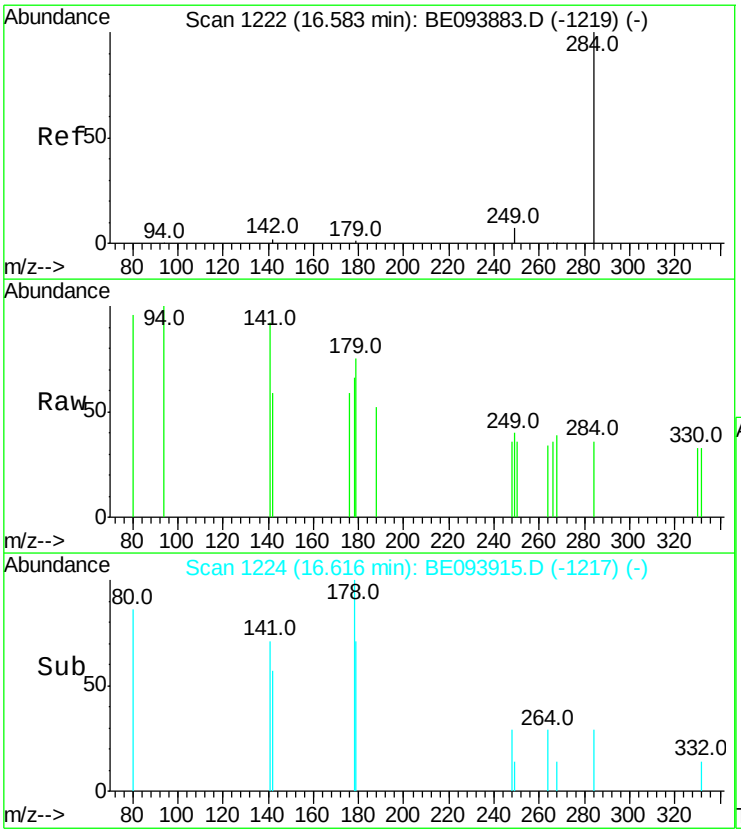

#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:248 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 102.0 | 111.8 | 167.8# |
| 141 | 265.3 | 27.1 | 40.7# |

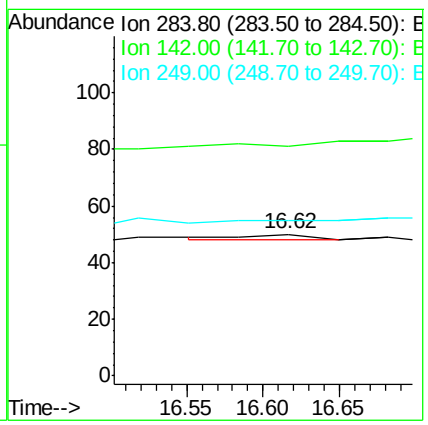


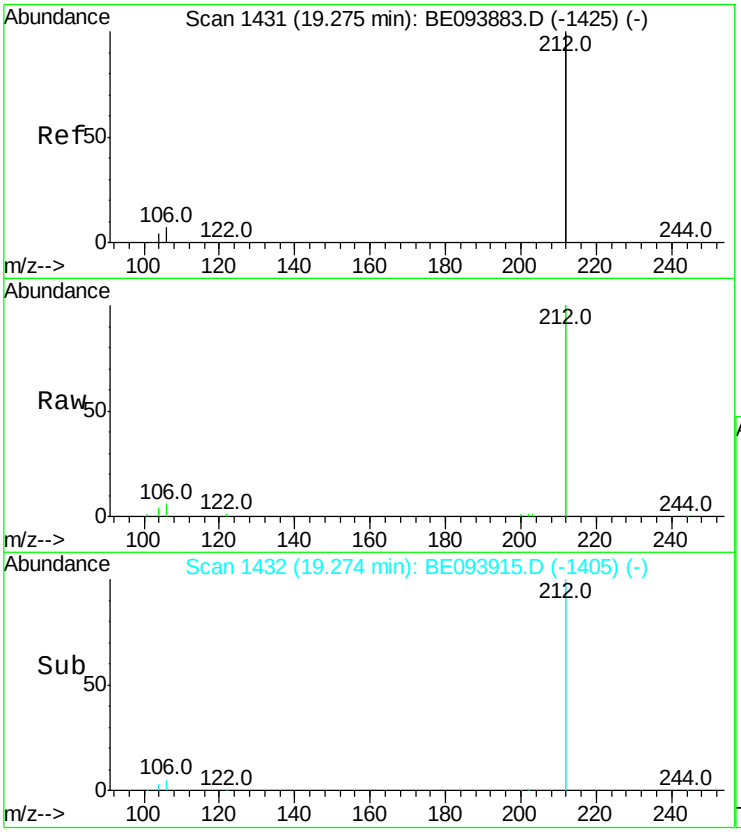




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.62 min Scan# 1224
Delta R.T. 0.03 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:284 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 0.0 | 0.0 | 0.0 |



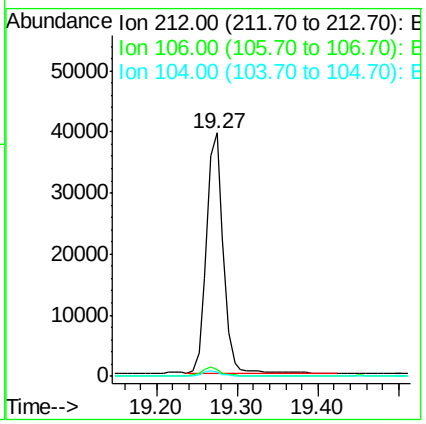


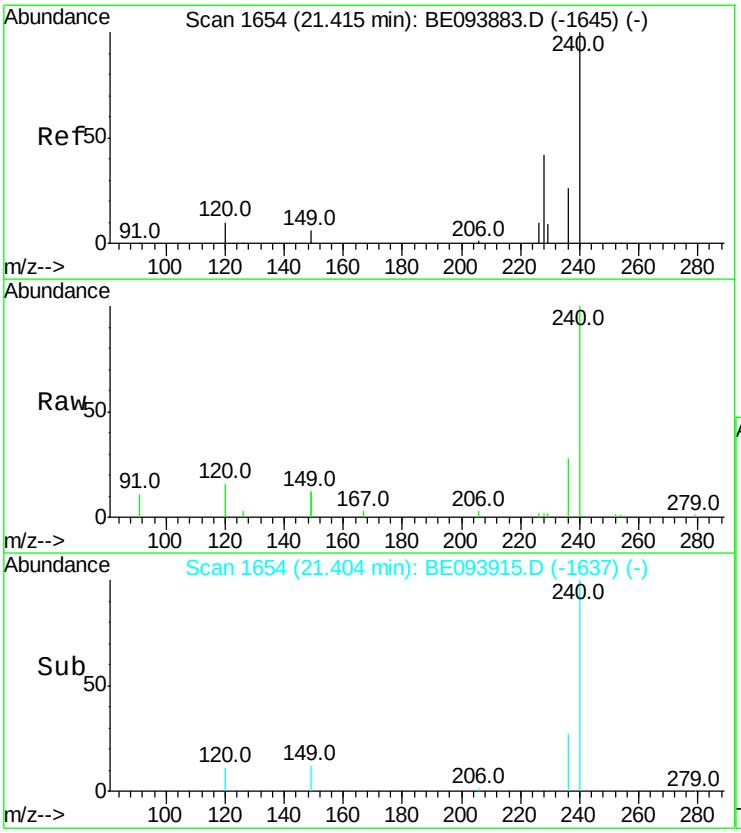

#25
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.27 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:212 Resp: 56487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.3 | 2.7 | 4.1 |
| 104 | 2.1 | 1.6 | 2.4 |

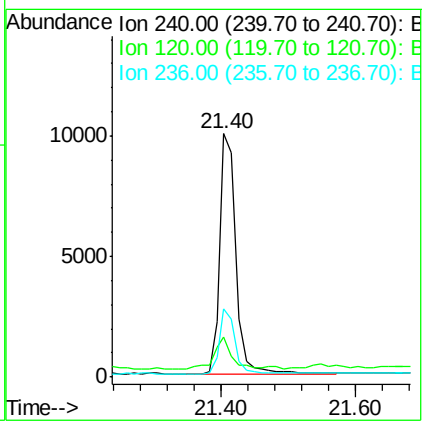


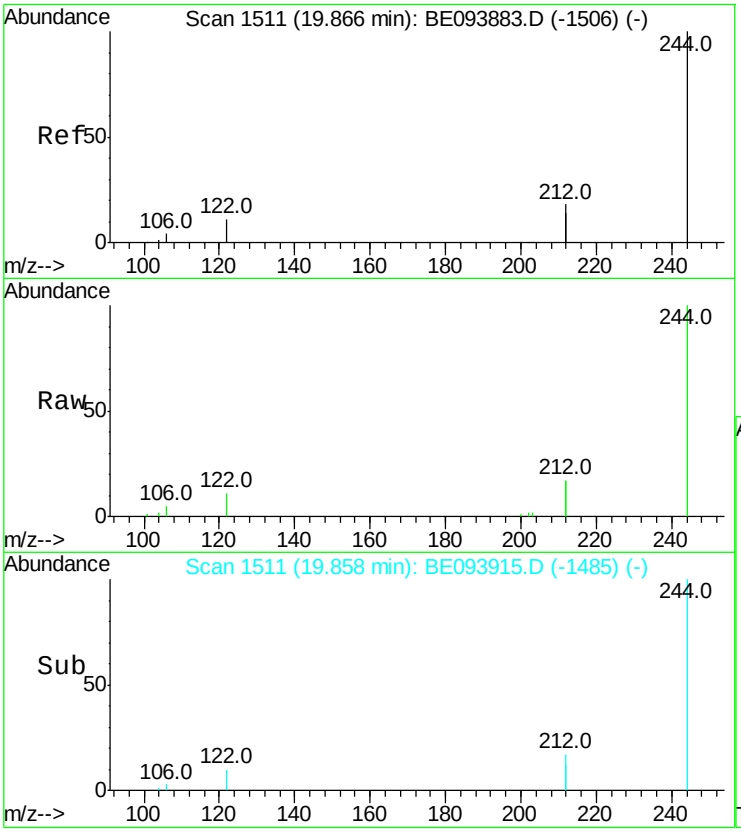




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:240 Resp: 16893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.4 | 8.7 | 13.1# |
| 236 | 28.0 | 21.3 | 31.9 |



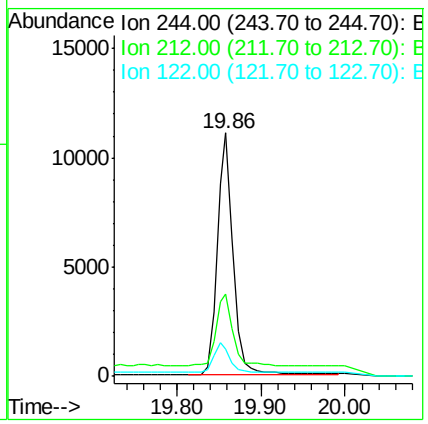


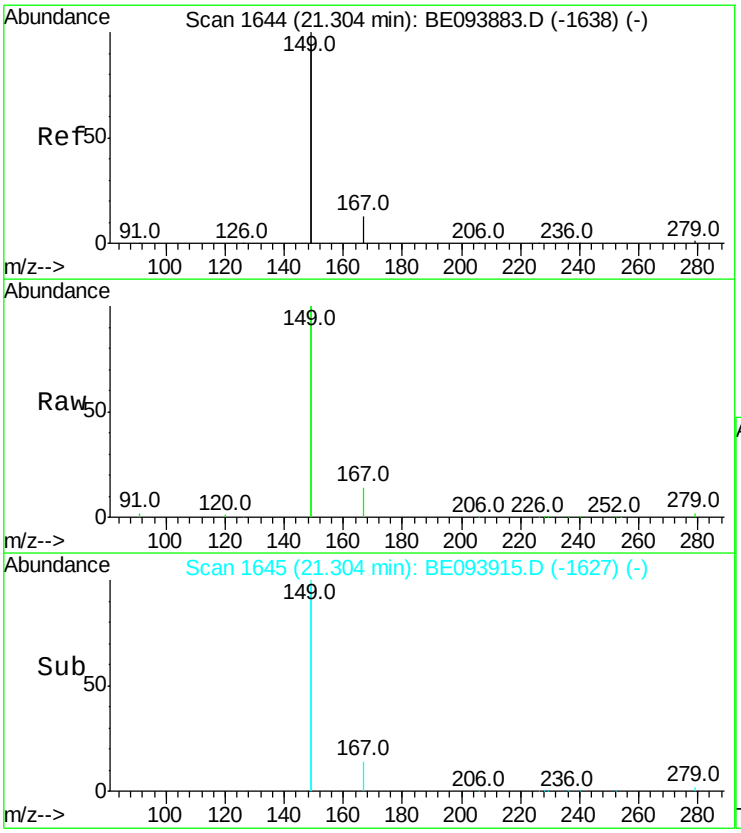

#29
Terphenyl-d14
Concen: 0.482 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:244 Resp: 14725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.0 | 28.3 | 42.5 |
| 122 | 11.2 | 9.4 | 14.0 |

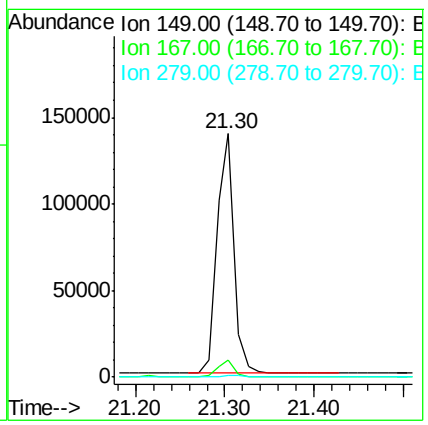


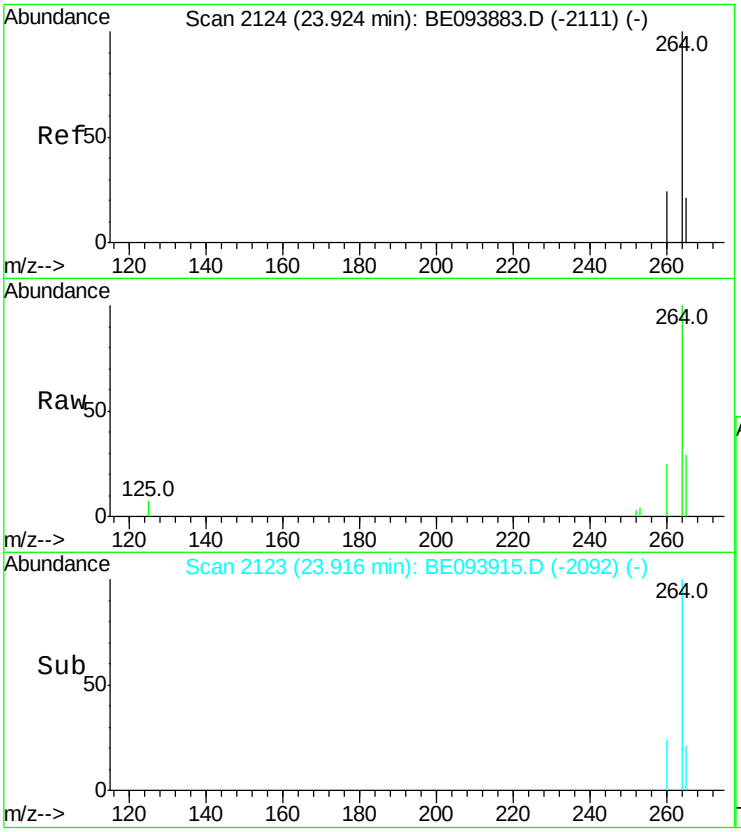




#32
Bis(2-ethylhexyl)phthalate
Concen: 1.727 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

Tgt Ion:149 Resp: 182653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.5 | 5.4 | 8.0 |
| 279 | 0.8 | 0.7 | 1.1 |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE093915.D
Acq: 1 Sep 2017 23:07

**Instrument :**
BNA_E
**ClientSampleId :**
3835-CC4

Tgt Ion:264 Resp: 14833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.4 | 20.0 | 30.0 |
| 265 | 29.0 | 24.0 | 36.0 |