Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093609.D
Acq On : 26 Jul 2017 17:52
Operator : SJ/JU
Sample : I4297-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** RB-05-20170718

Quant Time: Jul 27 08:32:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 2386 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.71 | 136 | 11341 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.52 | 164 | 6428 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.24 | 188 | 16055 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 18021 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.91 | 264 | 15546 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.51 | 112 | 1159 | 0.14 | ng | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 1089 | 0.09 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.06 | 82 | 3589 | 0.40 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 6309 | 0.34 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.00 | 330 | 413 | 0.18 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.15 | 172 | 11362 | 0.45 | ng | -0.02 |
| 25) Fluoranthene-d10 | 19.27 | 212 | 76167 | 0.30 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 20787 | 0.63 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 19193 | 0.159 | ng | 98 |

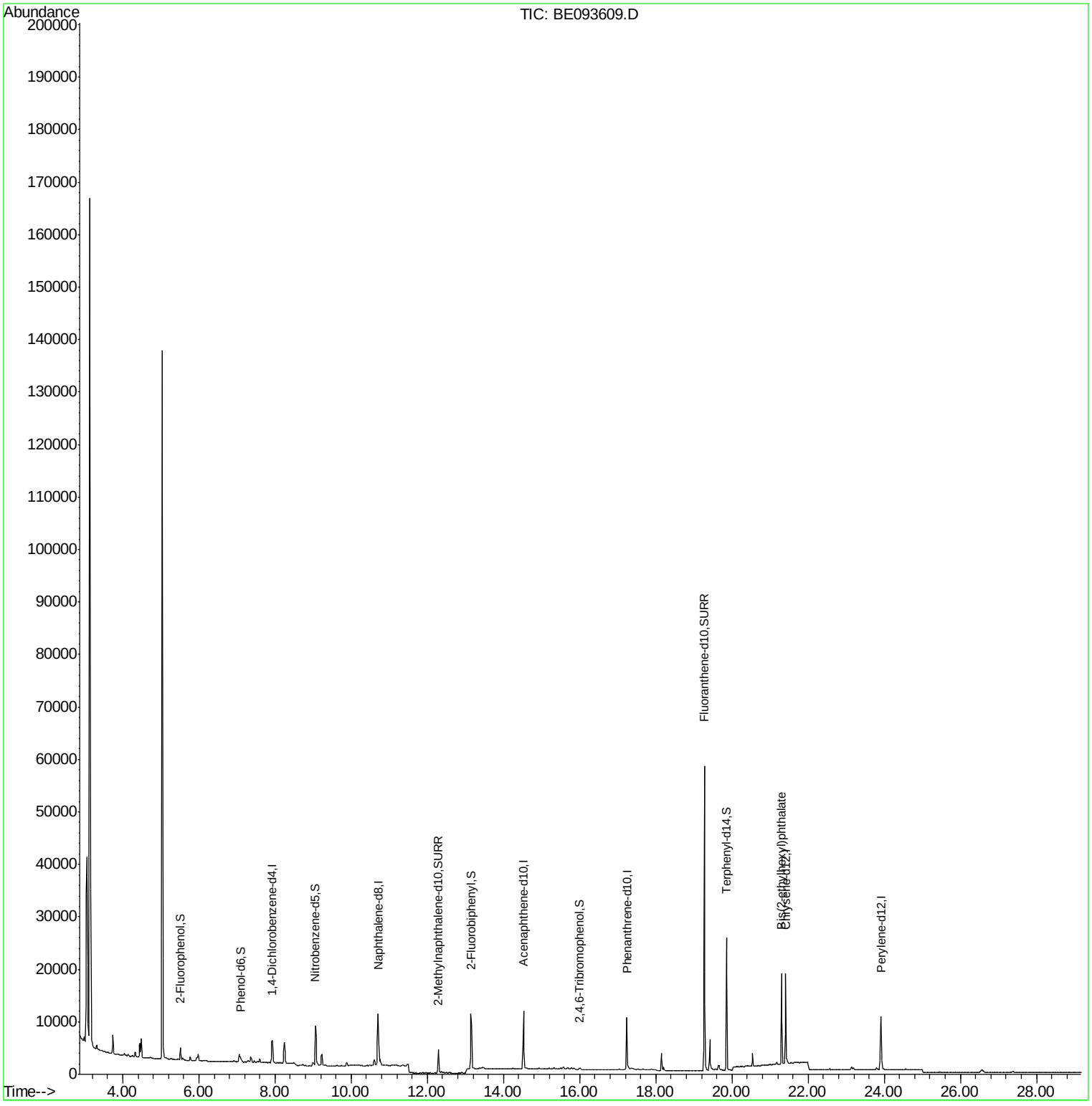
(#) = qualifier out of range (m) = manual integration (+) = signals summed

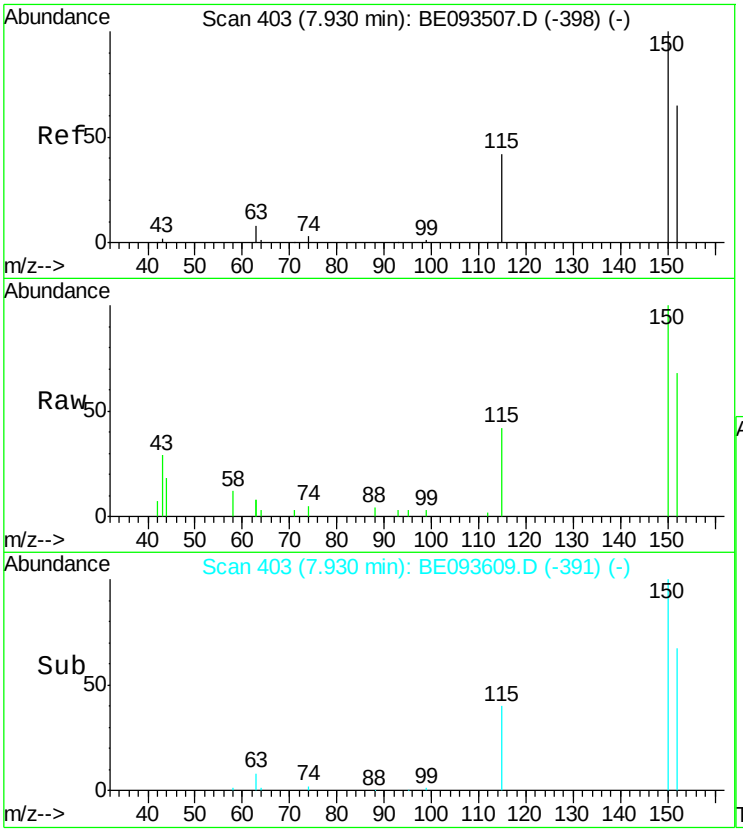
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093609.D
Acq On : 26 Jul 2017 17:52
Operator : SJ/JU
Sample : I4297-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Quant Time: Jul 27 08:32:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration



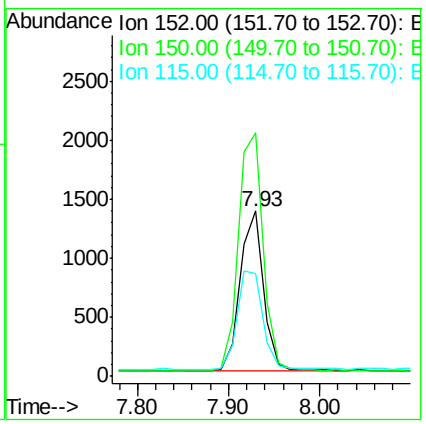


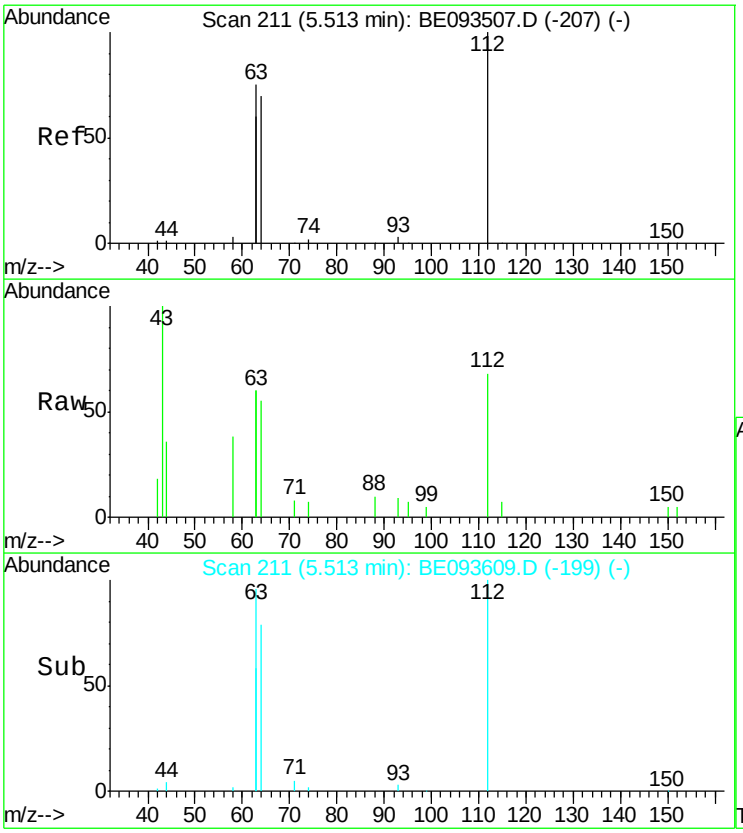

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:152 Resp: 2386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.3 | 125.1 | 187.7 |
| 115 | 62.2 | 55.7 | 83.5 |

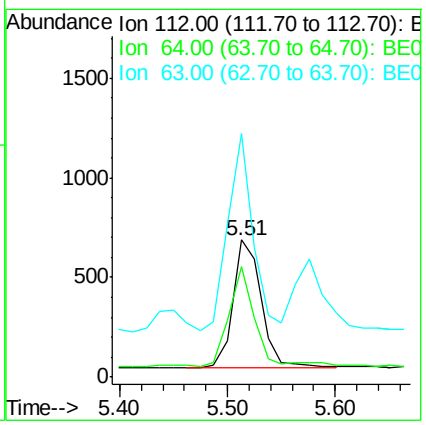


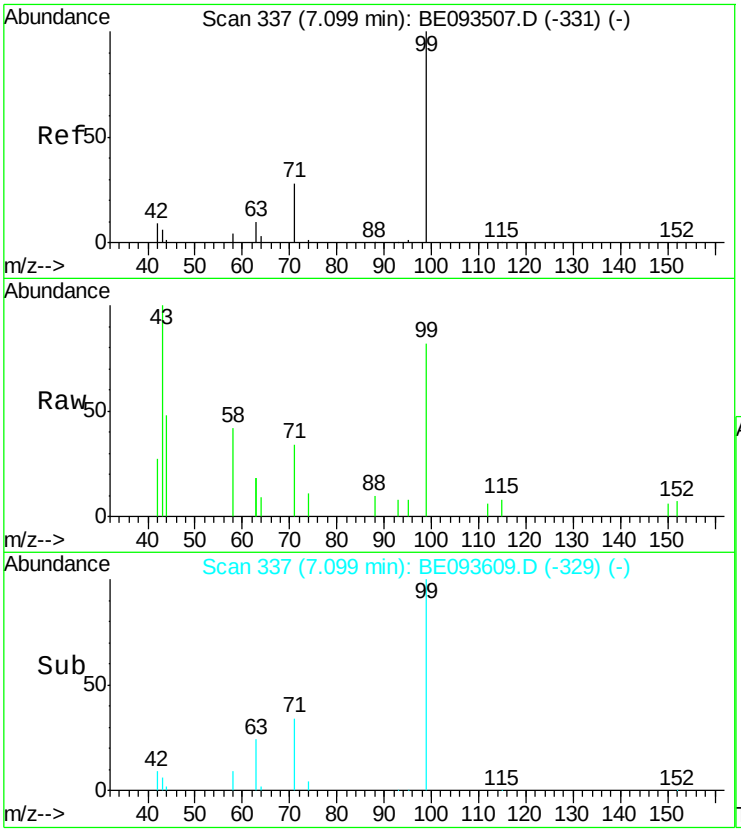




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:112 Resp: 1159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.0 | 56.4 | 84.6 |
| 63 | 137.1 | 29.3 | 43.9# |



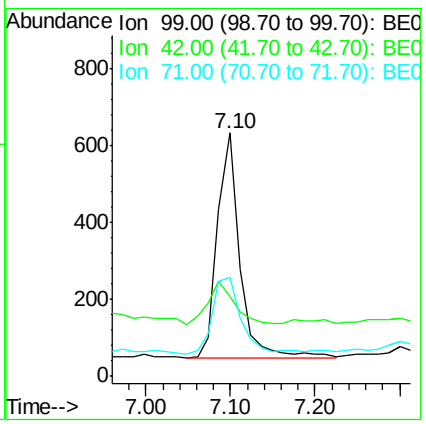


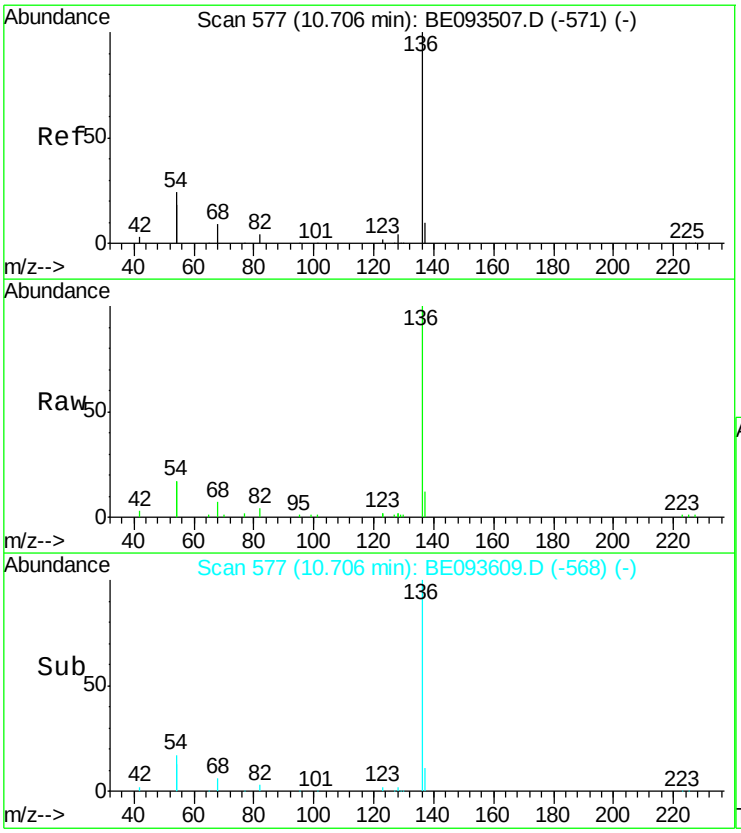

#5
Phenol-d6
Concen: 0.094 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion: 99 Resp: 1089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.8 | 0.0 | 0.0# |
| 71 | 43.1 | 0.0 | 0.0# |

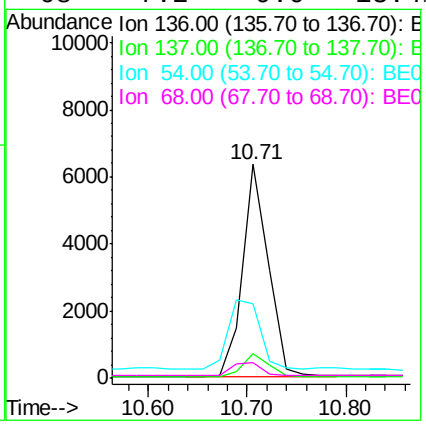


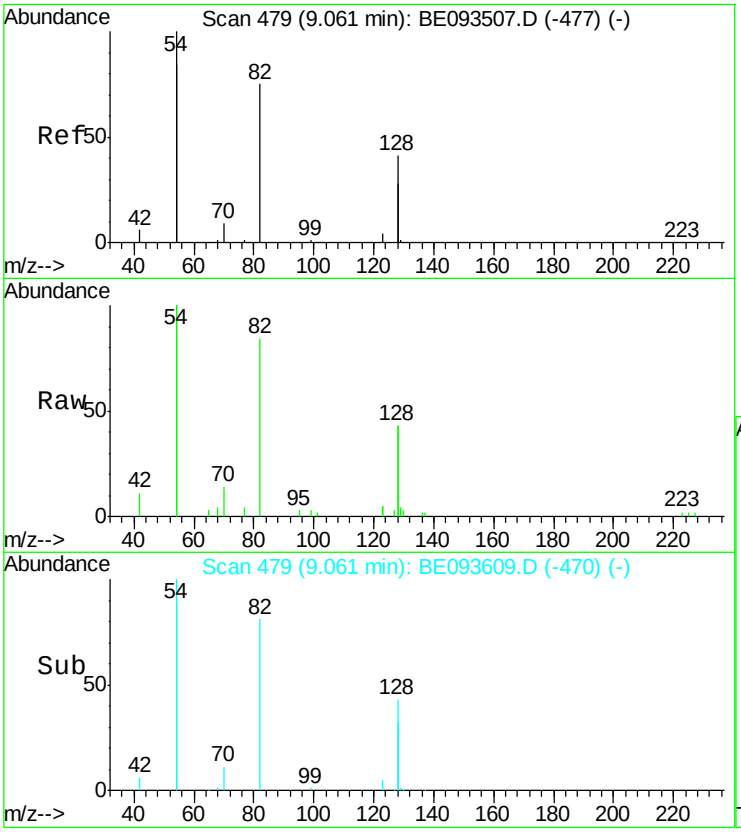




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:136 Resp: 11341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.8 | 14.8 |
| 54 | 34.6 | 10.3 | 15.5# |
| 68 | 7.2 | 9.0 | 13.4# |



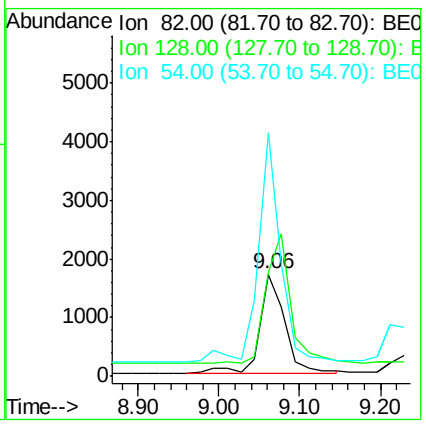


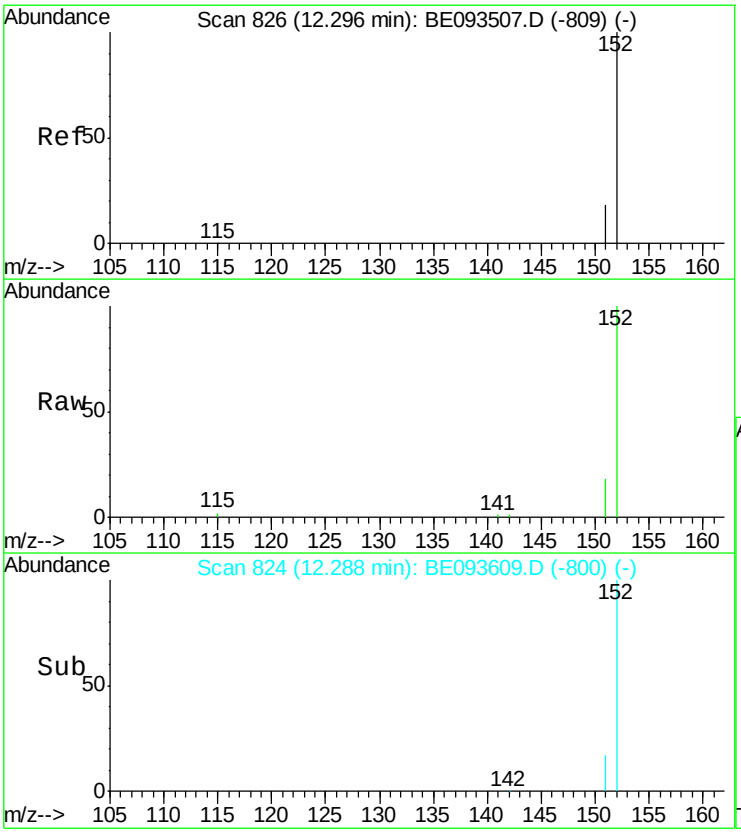

#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion: 82 Resp: 3589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 102.4 | 17.0 | 25.4# |
| 54 | 239.4 | 53.8 | 80.6# |

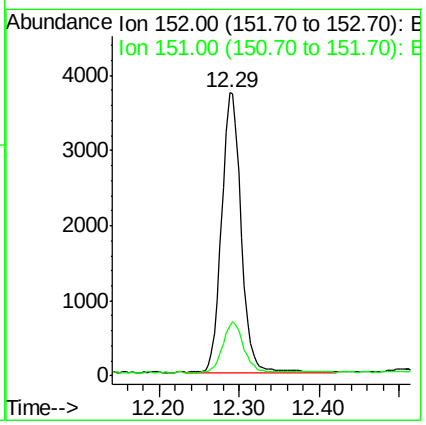


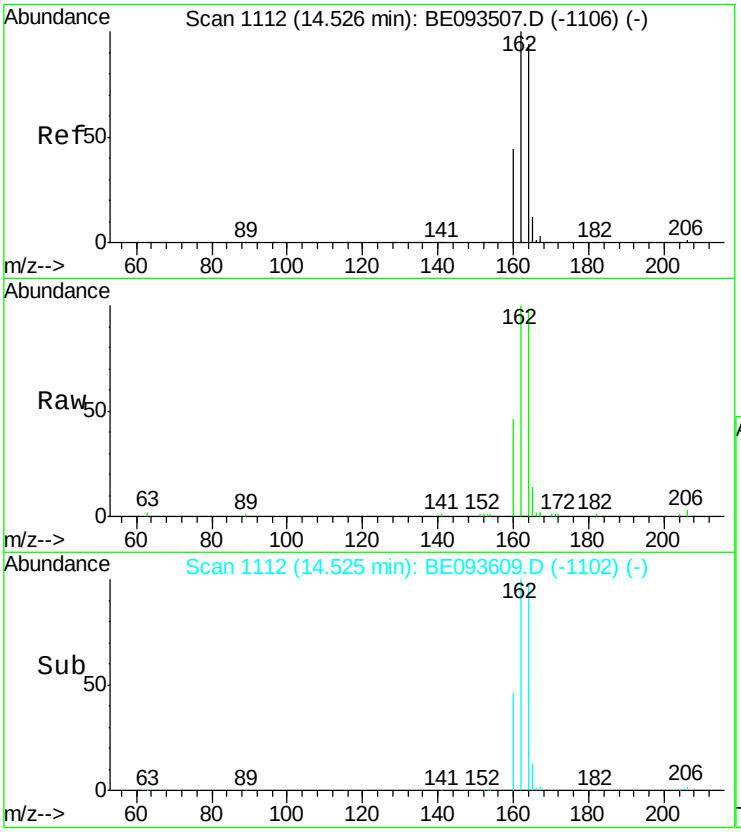




#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:152 Resp: 6309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.1 | 22.7 |



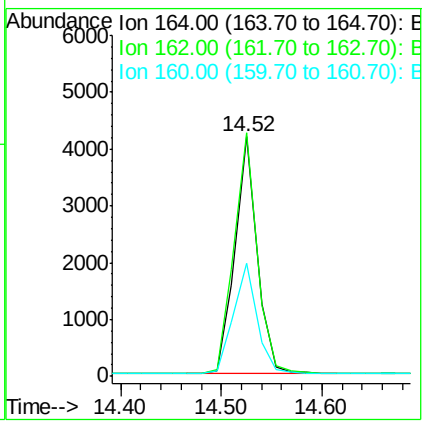


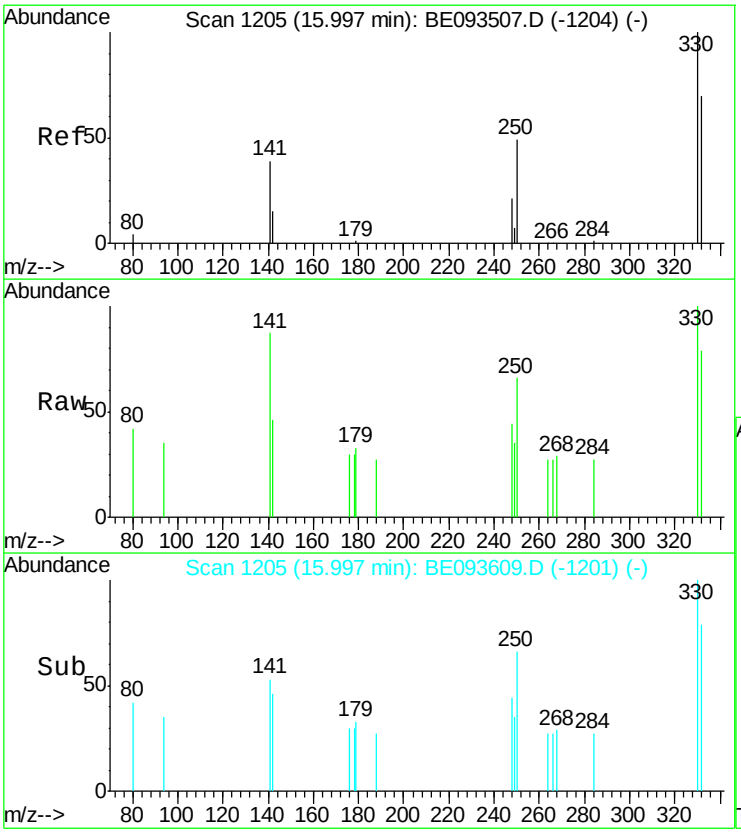

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:164 Resp: 6428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 84.6 | 127.0 |
| 160 | 47.1 | 41.8 | 62.6 |

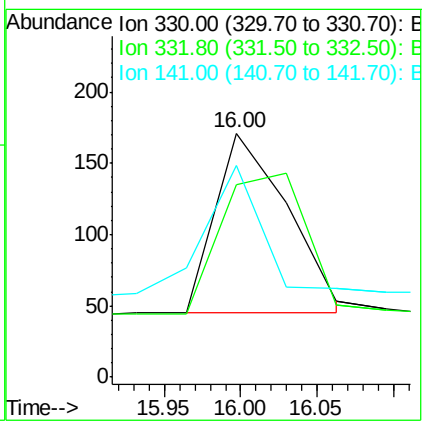


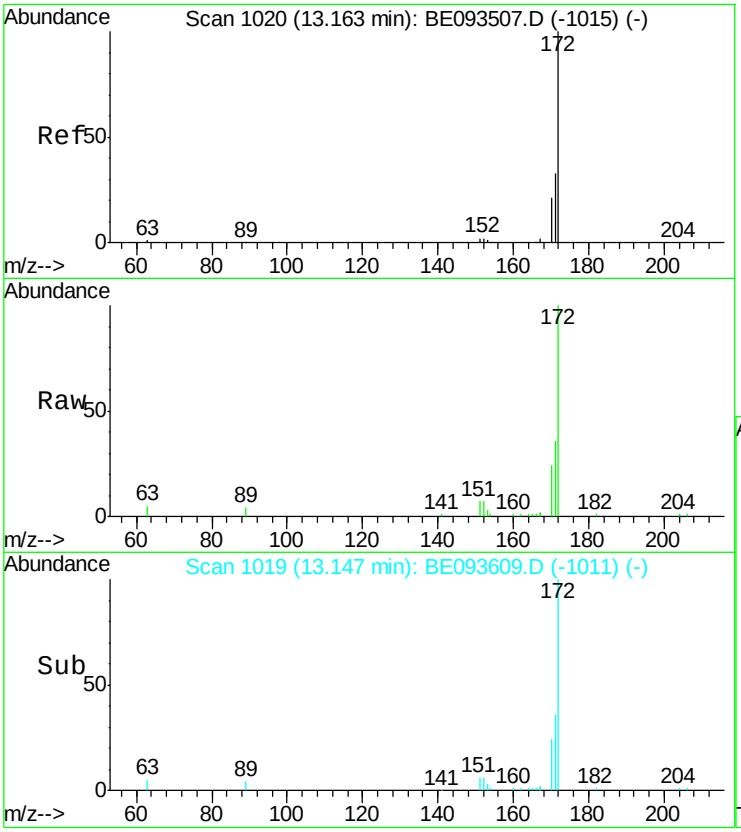




#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:330 Resp: 413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 77.7 | 116.5# |
| 141 | 54.0 | 56.2 | 84.4# |



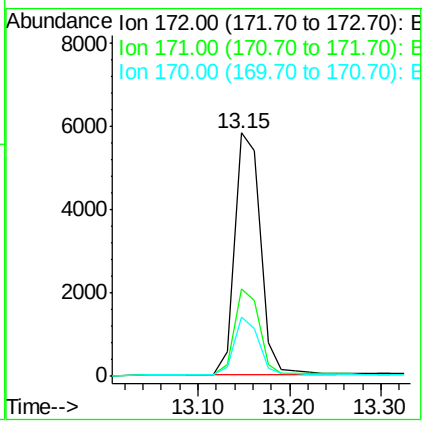


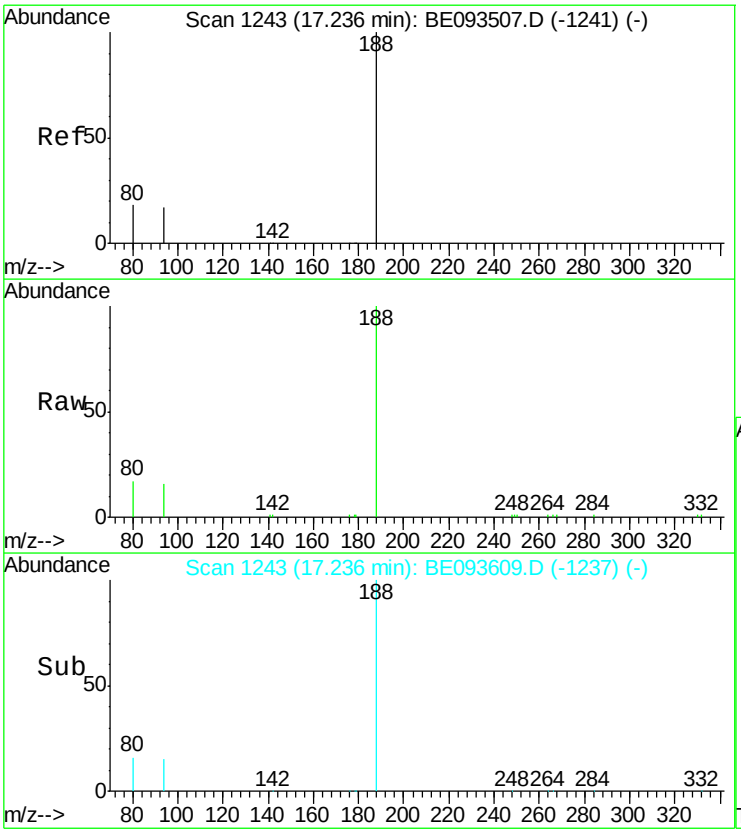

#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:172 Resp: 11362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.8 | 44.6 |
| 170 | 24.5 | 20.7 | 31.1 |

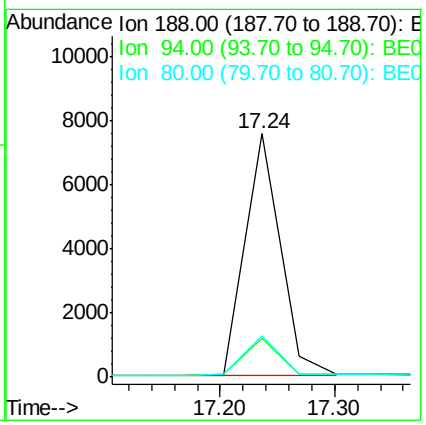


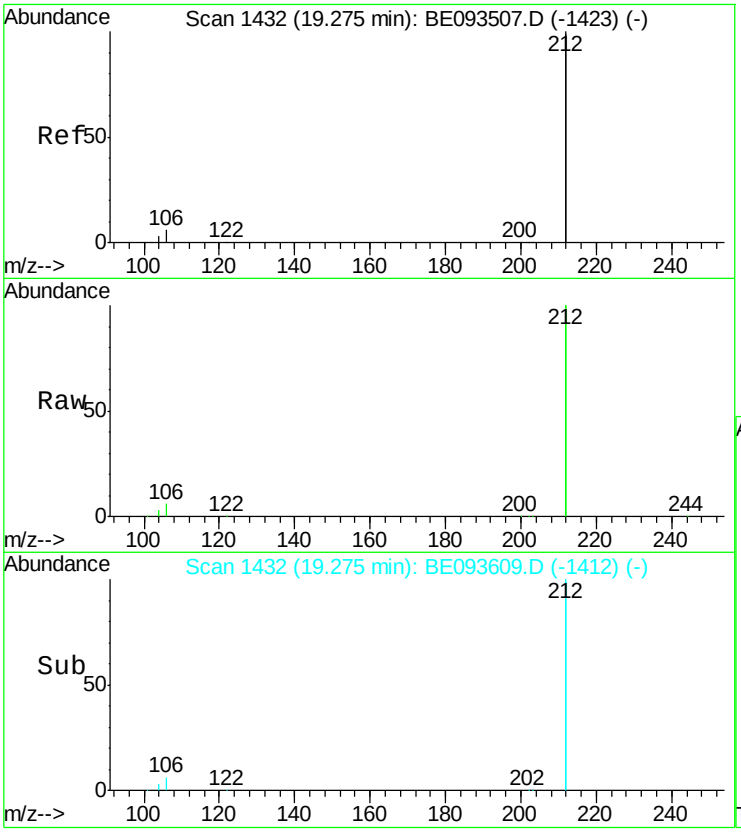




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:188 Resp: 16055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 15.9 | 11.3 | 16.9 |
| 80 | 16.8 | 11.7 | 17.5 |



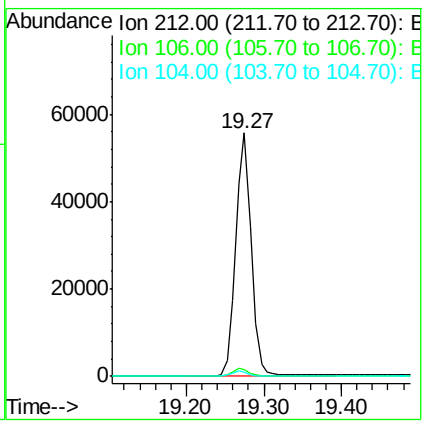


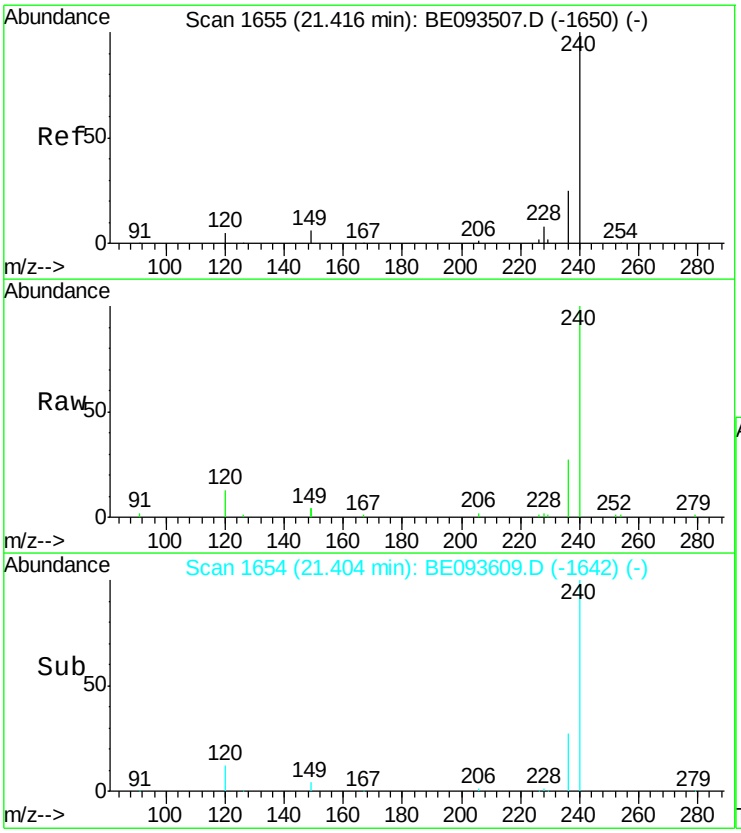

#25
Fluoranthene-d10
Concen: 0.298 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:212 Resp: 76167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.4 | 2.4 | 3.6 |
| 104 | 2.0 | 1.6 | 2.4 |

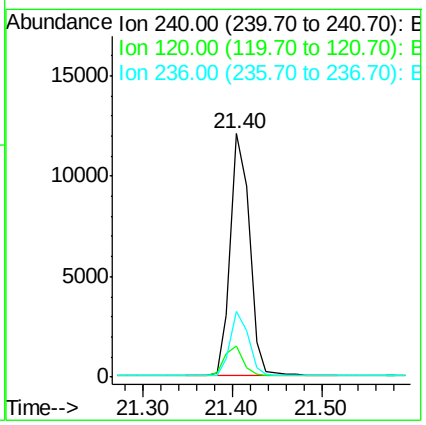


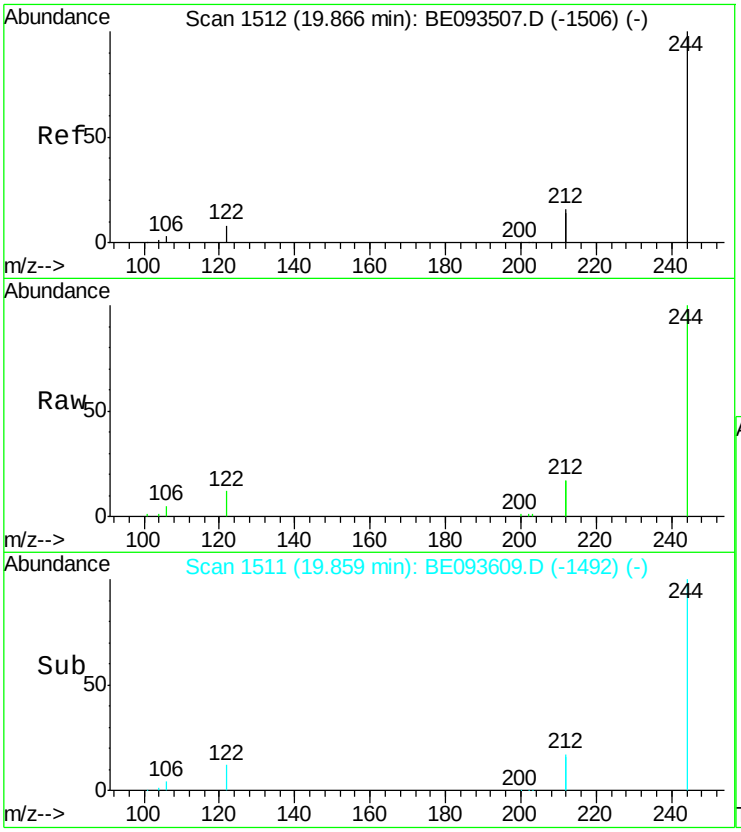




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:240 Resp: 18021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 4.6 | 7.0# |
| 236 | 27.1 | 20.8 | 31.2 |



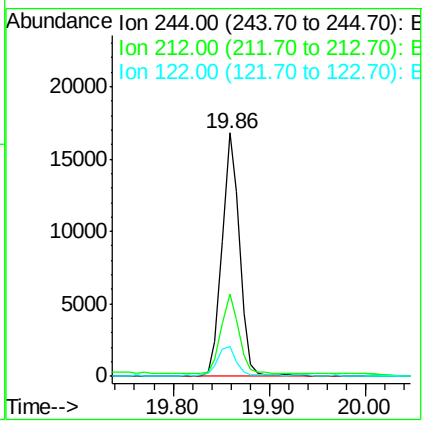


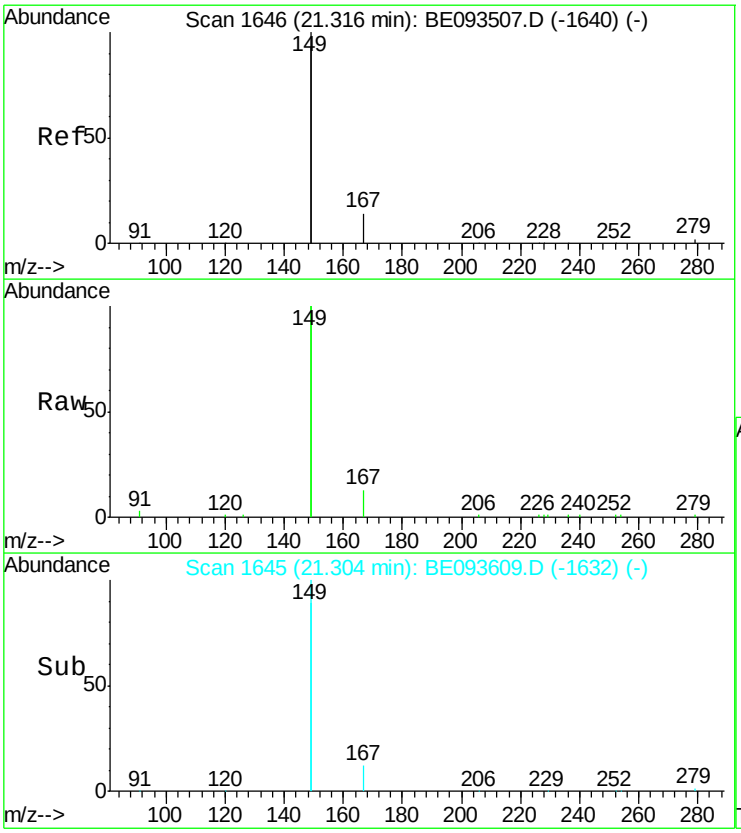

#29
Terphenyl-d14
Concen: 0.634 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:244 Resp: 20787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 33.9 | 10.6 | 16.0# |
| 122 | 12.4 | 15.4 | 23.0# |

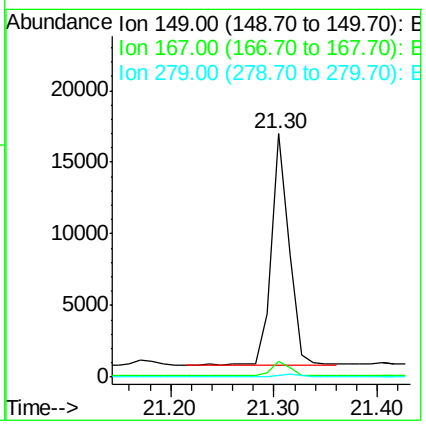


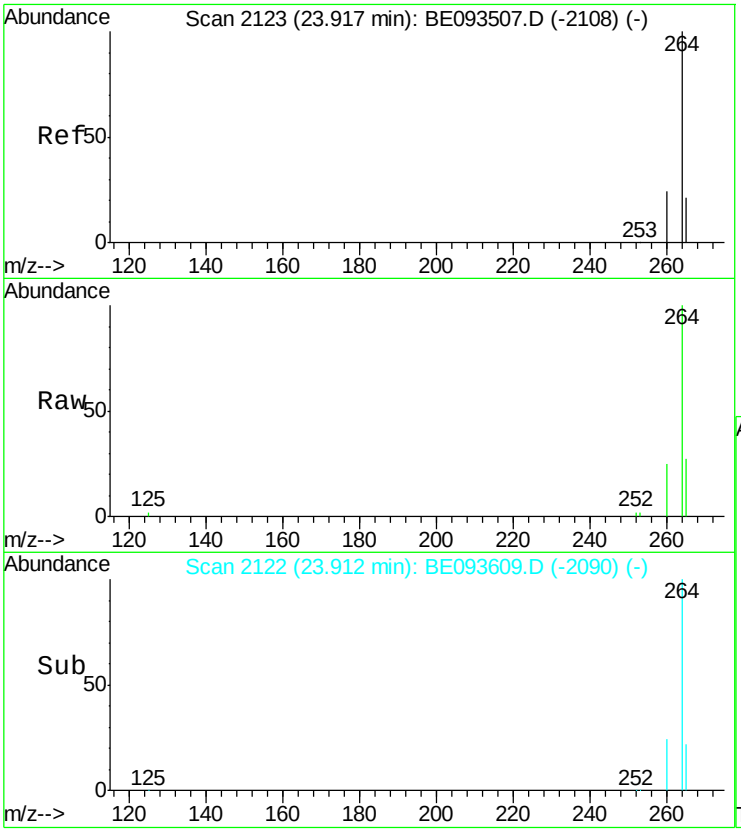




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.159 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Tgt Ion:149 Resp: 19193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 4.8 | 7.2 |
| 279 | 1.0 | 0.8 | 1.2 |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

**Instrument :**
BNA_E
**ClientSampleId :**
RB-05-20170718

Tgt Ion:264 Resp: 15546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 21.0 | 31.4 |
| 265 | 26.7 | 24.6 | 36.8 |