Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093114.D
Acq On : 12 Jun 2017 22:48
Operator : SJ/MA
Sample : I3460-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** MW-110

Quant Time: Jun 13 01:12:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 535 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.51 | 136 | 2484 | 0.40 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.37 | 164 | 1275 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.13 | 188 | 2639 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.25 | 240 | 4340 | 0.40 | ng | | -0.02 |
| 34) Perylene-d12 | 23.67 | 264 | 3722 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 349 | 0.22 | ng | | 0.00 |
| 5) Phenol-d6 | 6.90 | 99 | 303 | 0.13 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.88 | 82 | 851 | 0.43 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 1542 | 0.41 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 159 | 0.55 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.99 | 172 | 3458 | 0.64 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.11 | 212 | 4317 | 0.50 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 4379 | 0.52 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 10.56 | 128 | 1636 | 0.245 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.18 | 142 | 410 | 0.099 | ng | # | 93 |
| 24) Anthracene | 17.25 | 178 | 319 | 0.032 | ng | # | 95 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 802 | 0.150 | ng | # | 98 |

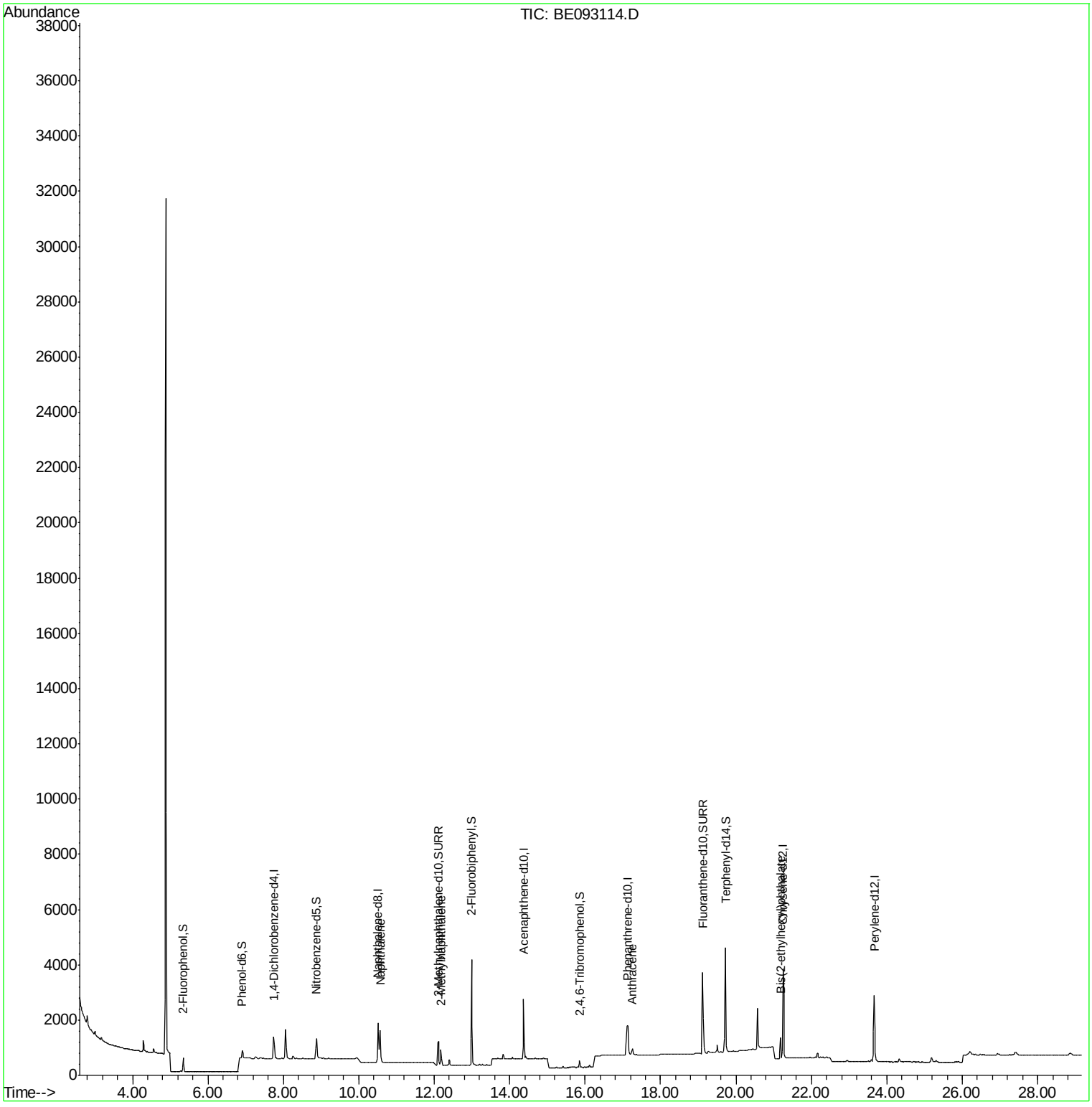
(#) = qualifier out of range (m) = manual integration (+) = signals summed

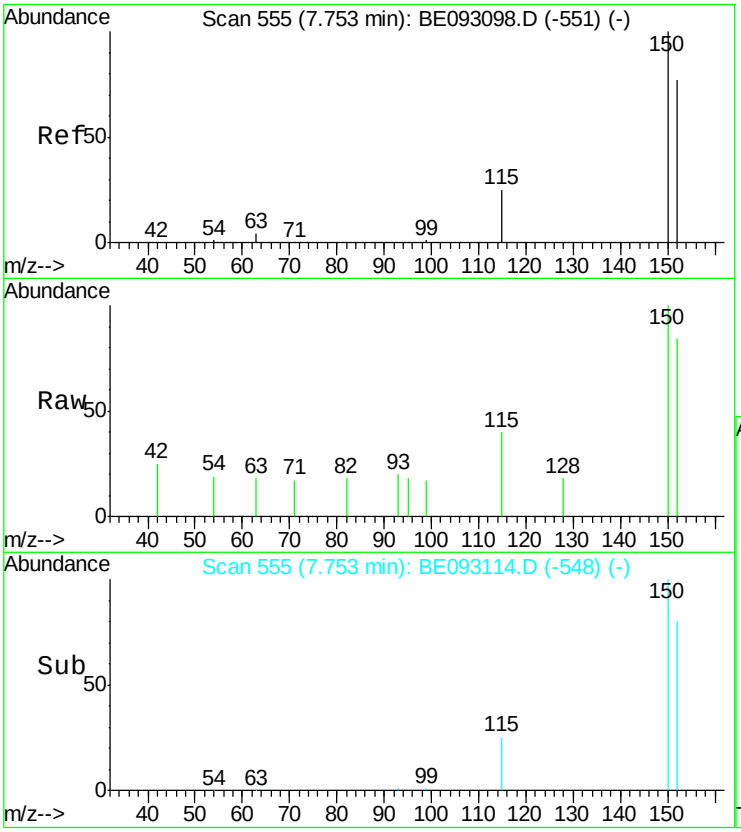
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093114.D
Acq On : 12 Jun 2017 22:48
Operator : SJ/MA
Sample : I3460-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Quant Time: Jun 13 01:12:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration



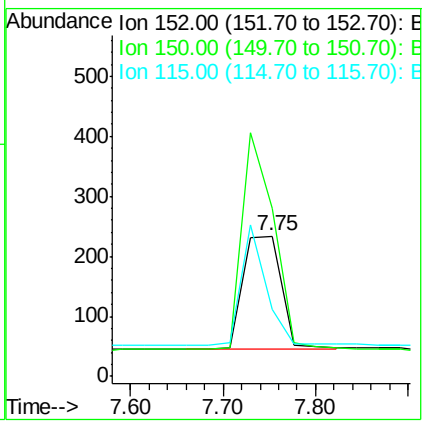


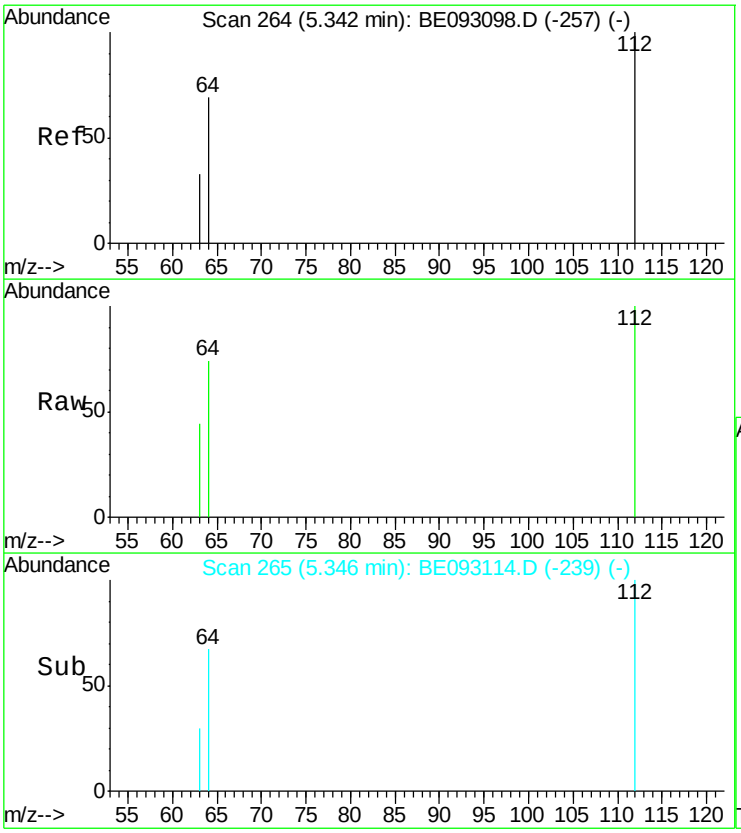

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:152 Resp: 535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 119.7 | 125.1 | 187.7# |
| 115 | 47.4 | 55.7 | 83.5# |

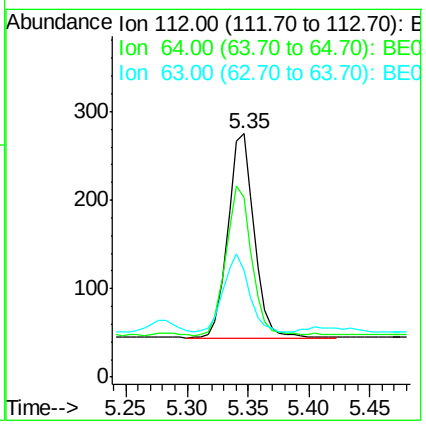


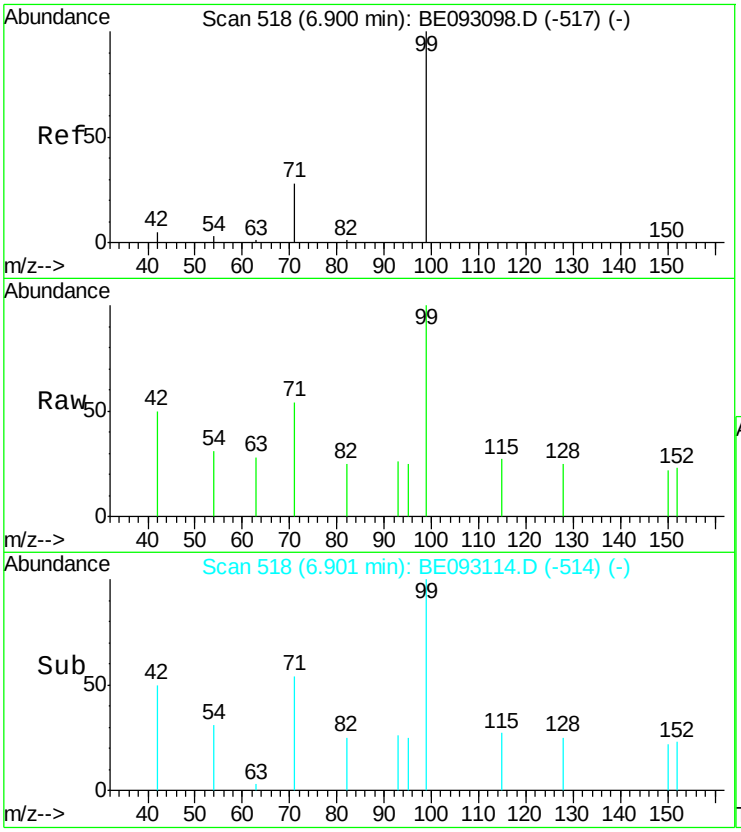




#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:112 Resp: 349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.3 | 56.4 | 84.6 |
| 63 | 36.1 | 29.3 | 43.9 |



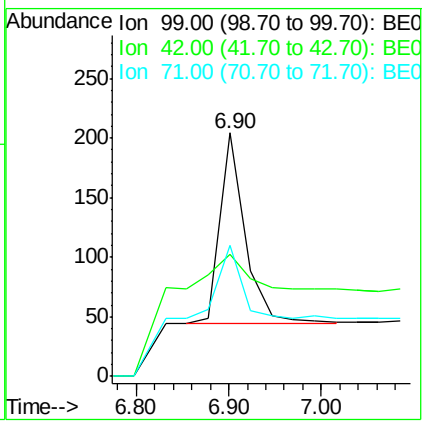


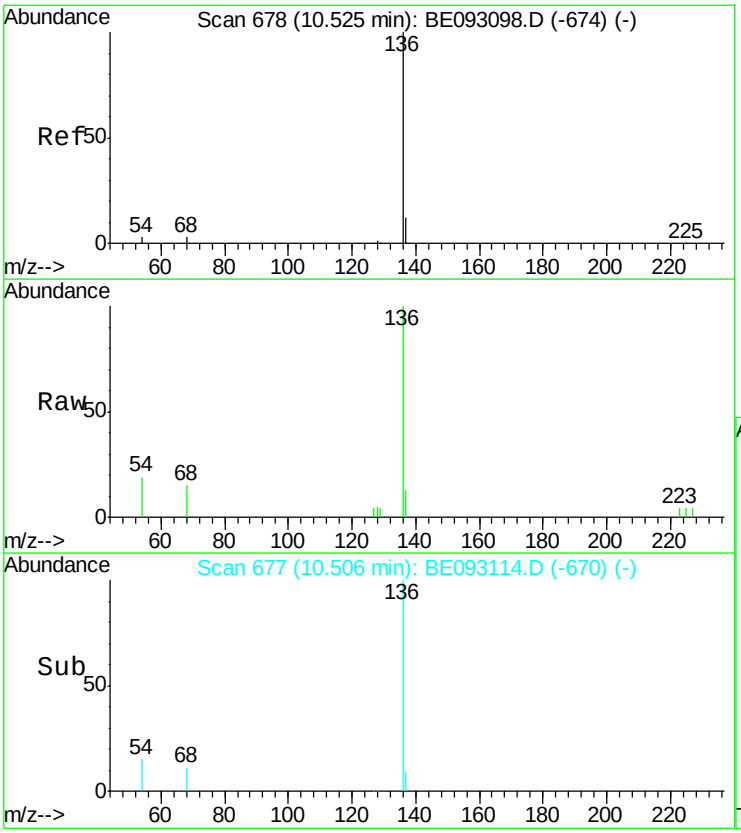

#5
Phenol-d6
Concen: 0.131 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion: 99 Resp: 303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.1 | 0.0 | 0.0# |
| 71 | 35.6 | 0.0 | 0.0# |

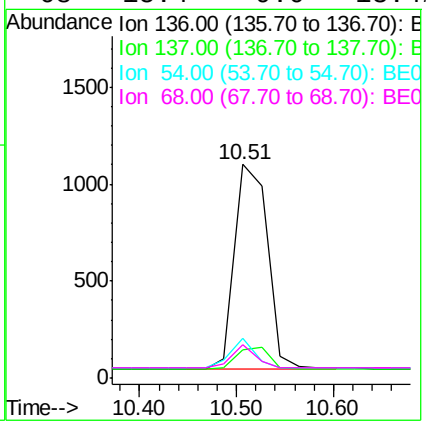


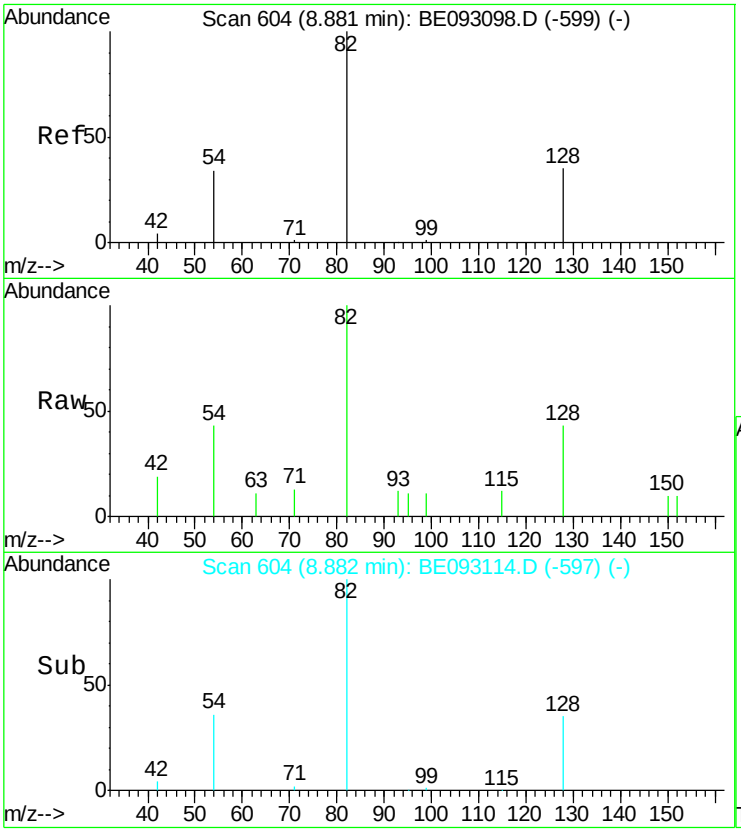




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:136 Resp: 2484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.1 | 9.8 | 14.8 |
| 54 | 18.9 | 10.3 | 15.5# |
| 68 | 15.4 | 9.0 | 13.4# |



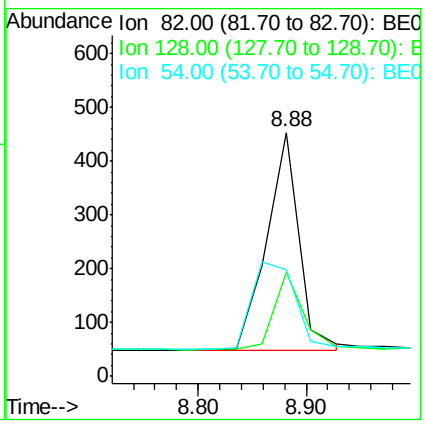


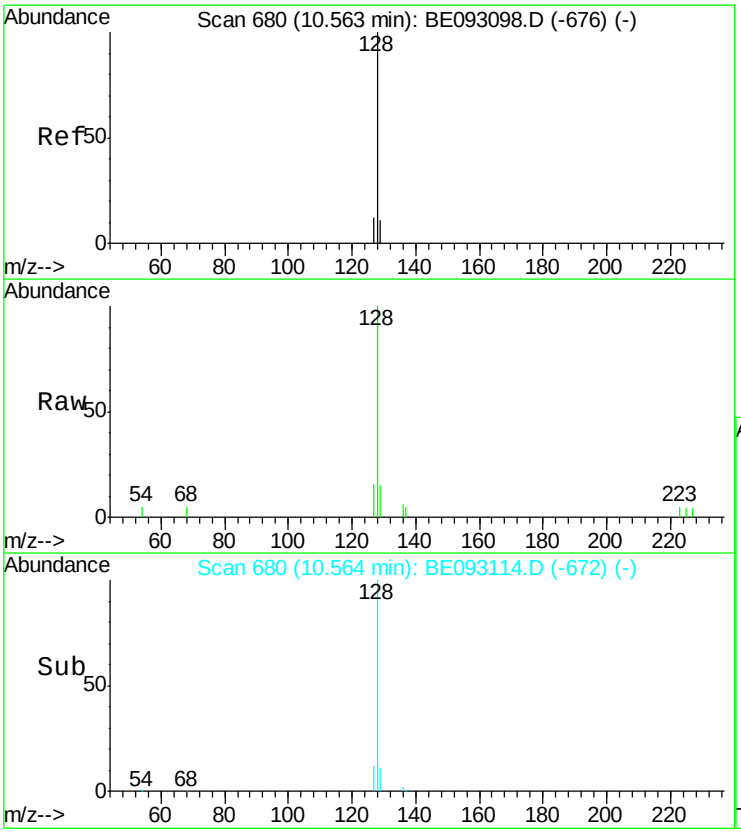

#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion: 82 Resp: 851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 17.0 | 25.4# |
| 54 | 43.5 | 53.8 | 80.6# |

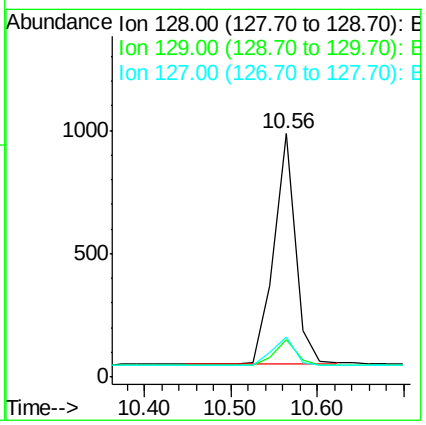


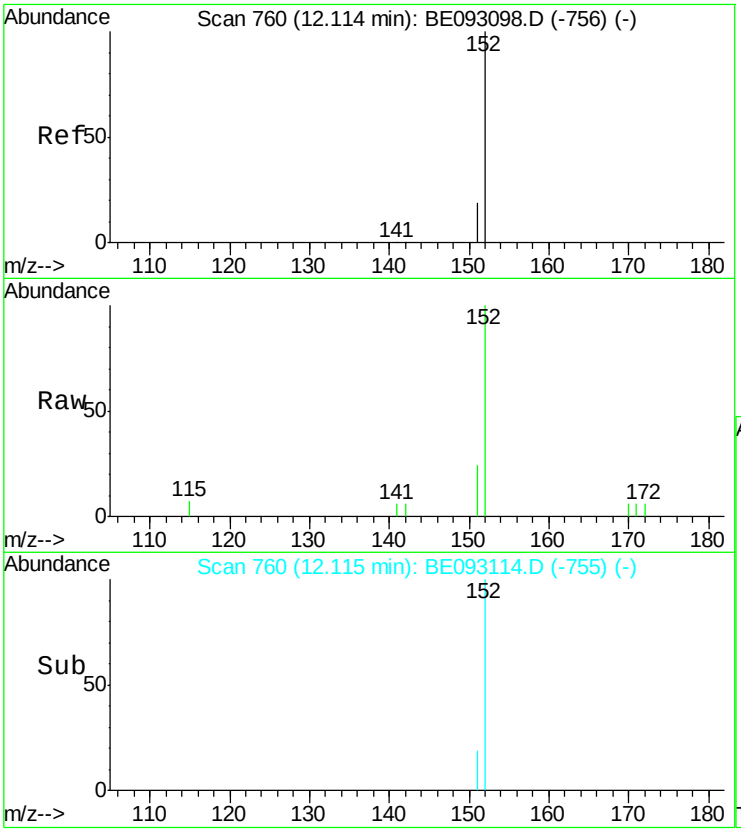




#9
Naphthalene
Concen: 0.245 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:128 Resp: 1636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 15.4 | 11.4 | 17.0 |
| 127 | 16.3 | 11.2 | 16.8 |



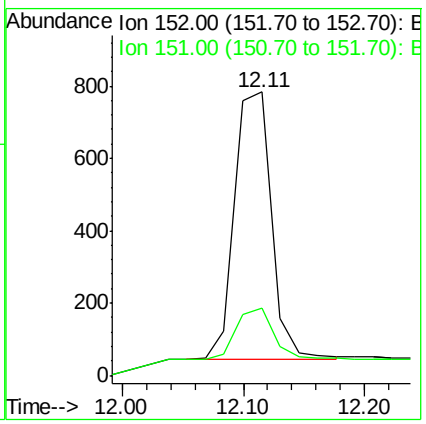


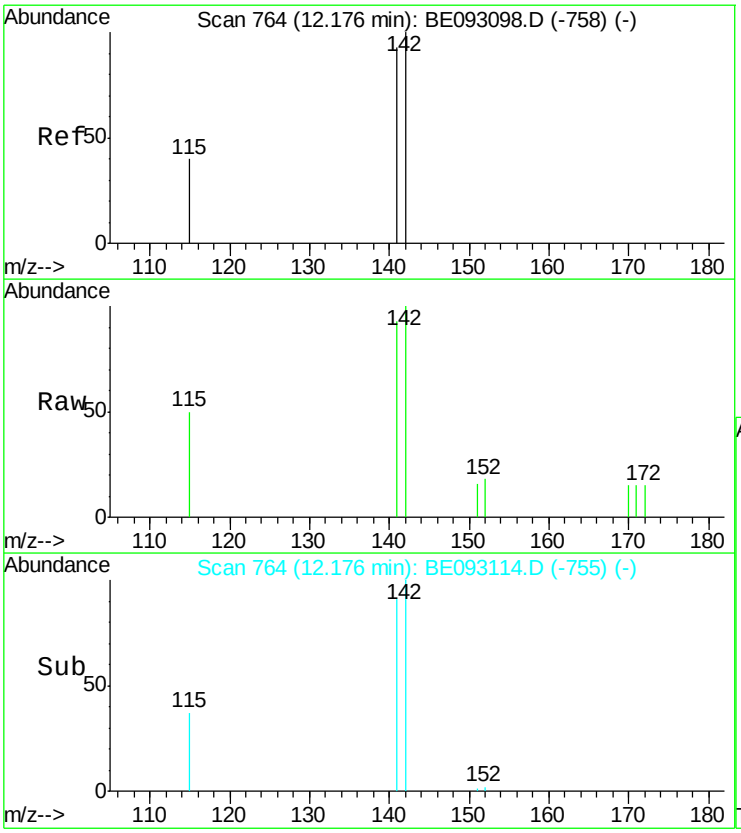

#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:152 Resp: 1542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.1 | 22.7 |

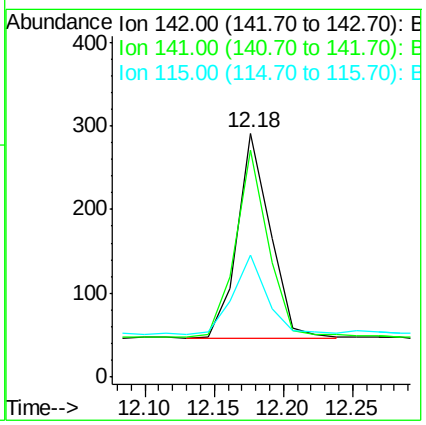


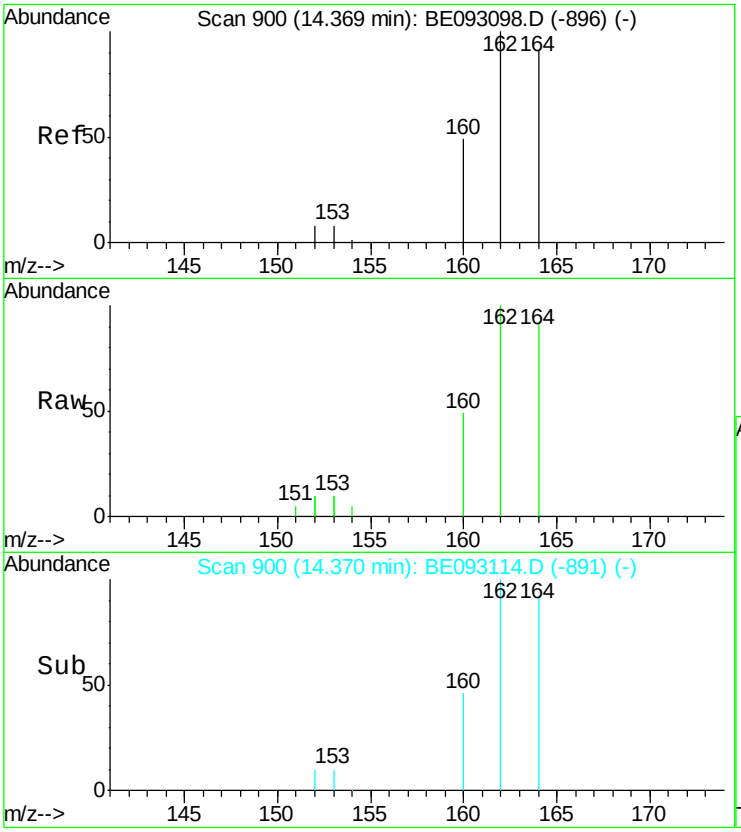




#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:142 Resp: 410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.1 | 72.6 | 108.8 |
| 115 | 50.2 | 32.2 | 48.2# |



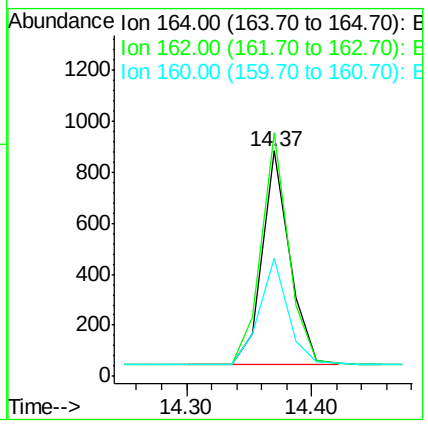


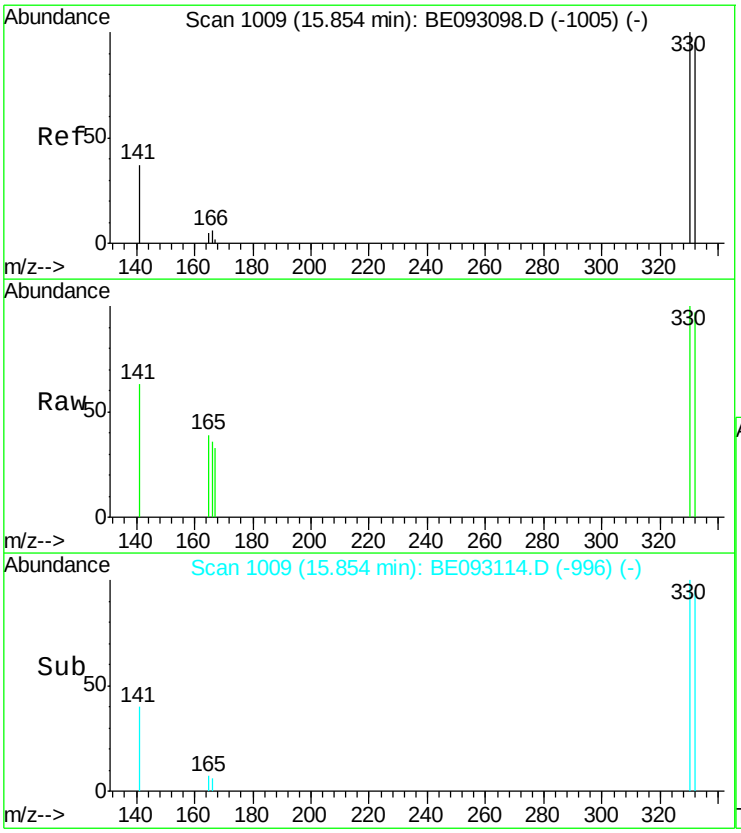

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:164 Resp: 1275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 108.2 | 84.6 | 127.0 |
| 160 | 52.7 | 41.8 | 62.6 |

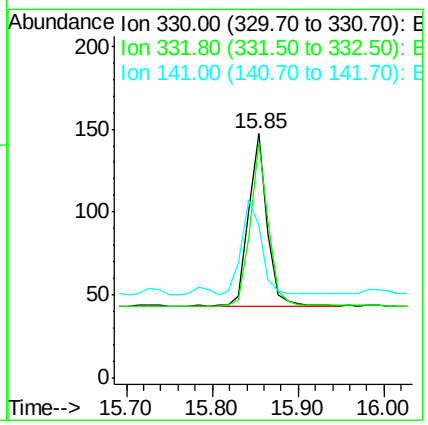


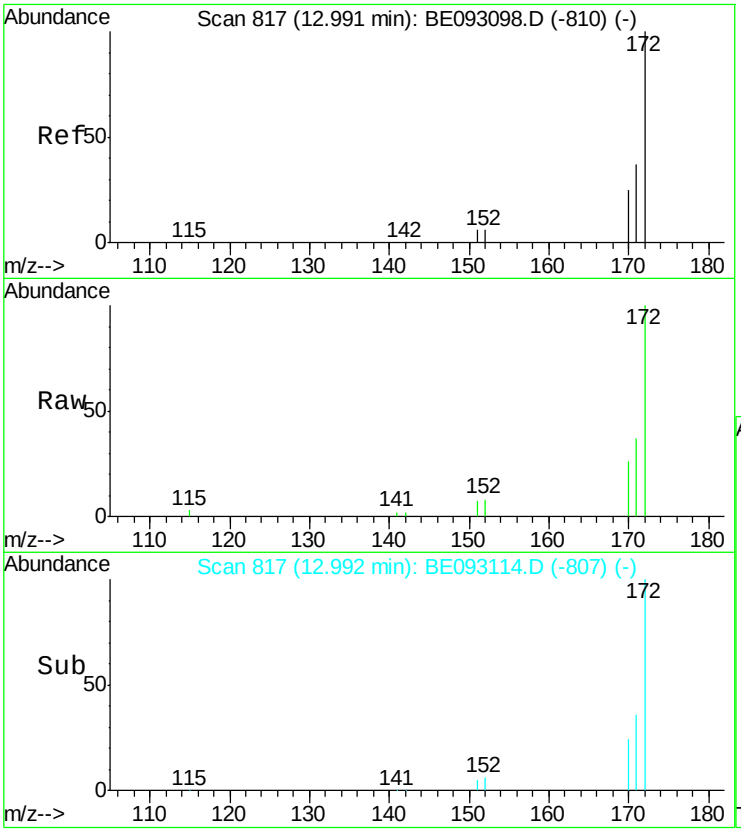




#14
2,4,6-Tribromophenol
Concen: 0.547 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:330 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 92.5 | 77.7 | 116.5 |
| 141 | 57.9 | 56.2 | 84.4 |



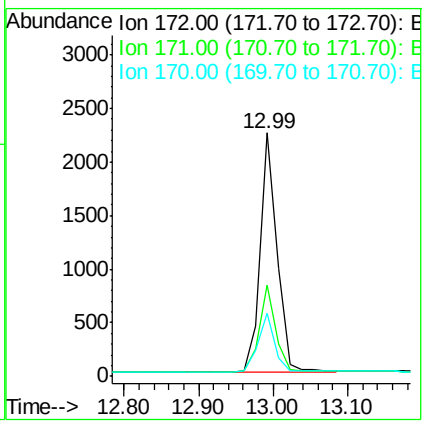


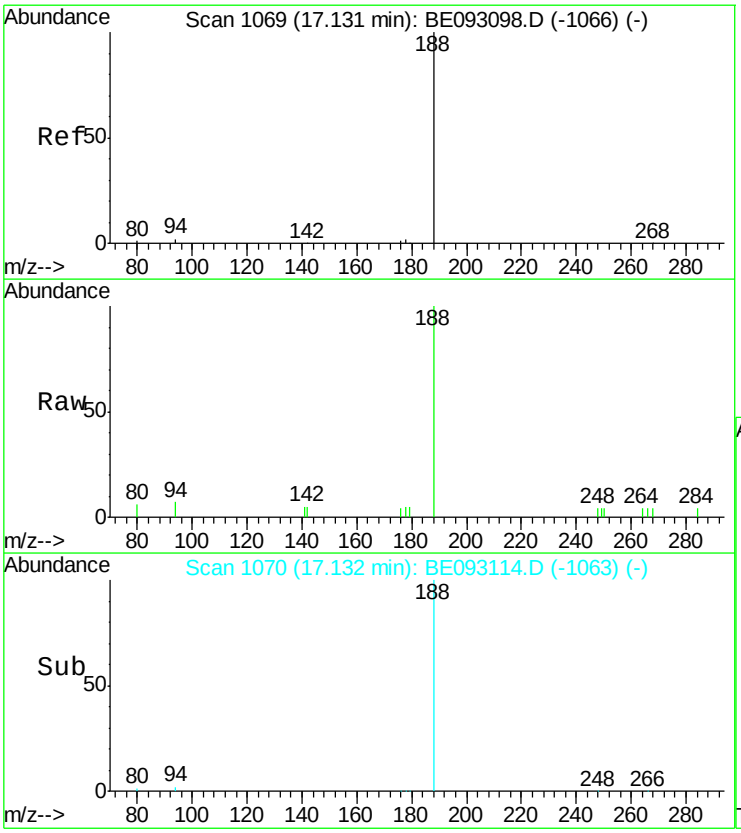

#15
2-Fluorobiphenyl
Concen: 0.635 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:172 Resp: 3458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 29.8 | 44.6 |
| 170 | 25.9 | 20.7 | 31.1 |

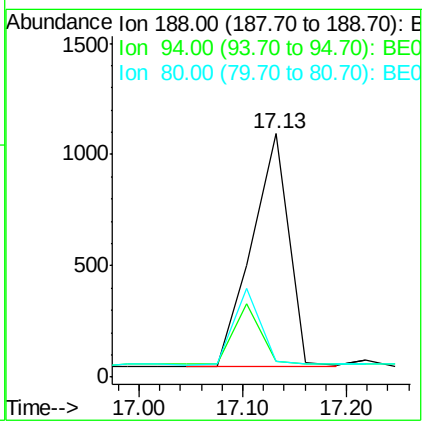


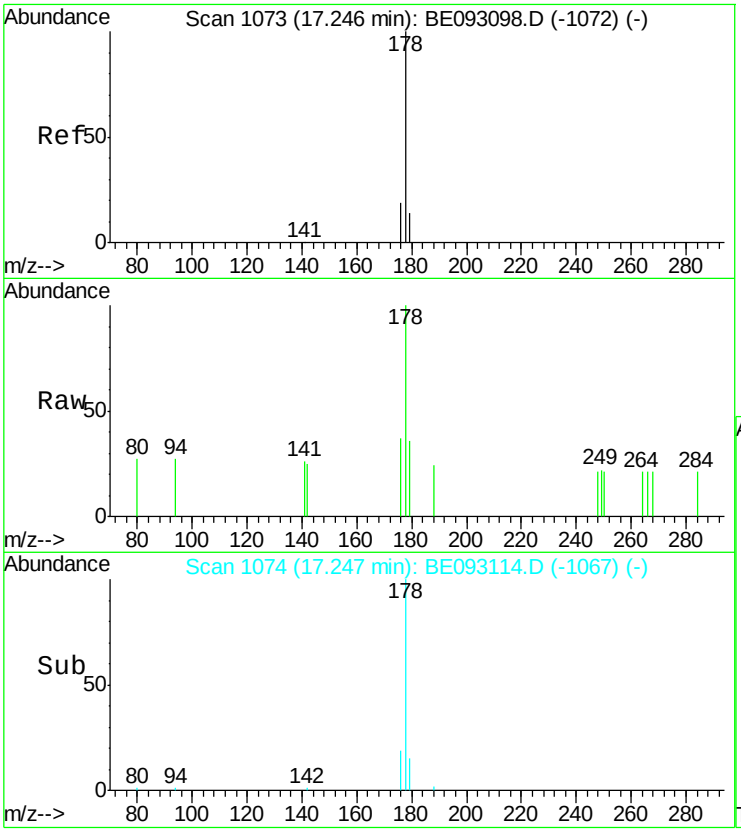




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:188 Resp: 2639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.6 | 11.3 | 16.9# |
| 80 | 6.3 | 11.7 | 17.5# |



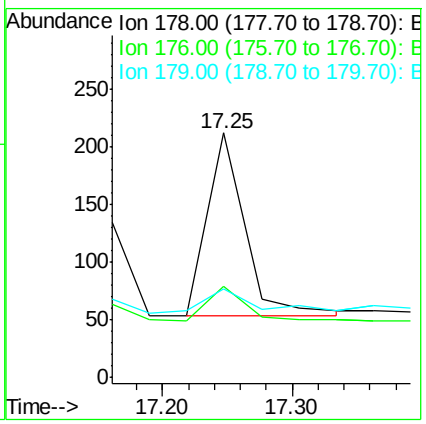


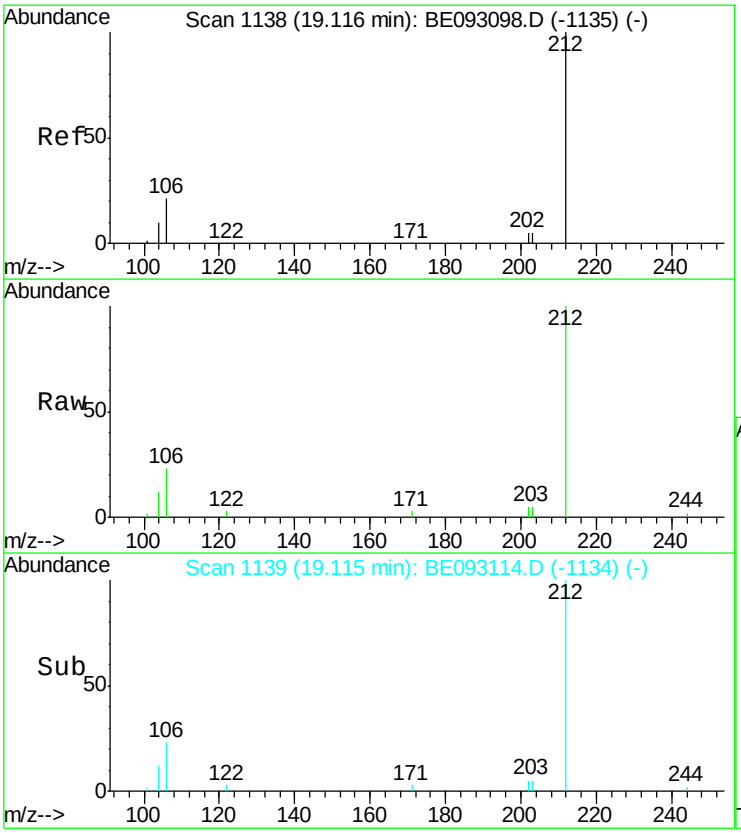

#24
Anthracene
Concen: 0.032 ng
RT: 17.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:178 Resp: 319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.6 | 22.0 |
| 179 | 19.4 | 12.0 | 18.0# |

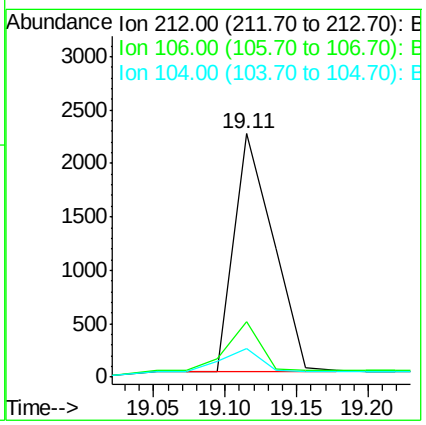


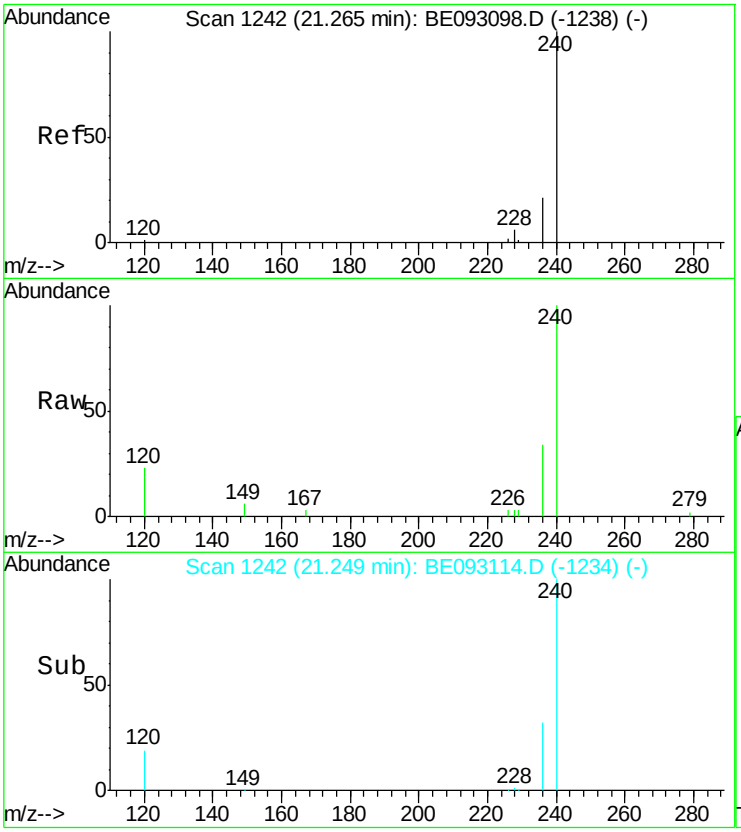




#25
Fluoranthene-d10
Concen: 0.496 ng
RT: 19.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:212 Resp: 4317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 17.2 | 0.0 | 0.0# |
| 104 | 9.3 | 0.0 | 0.0# |



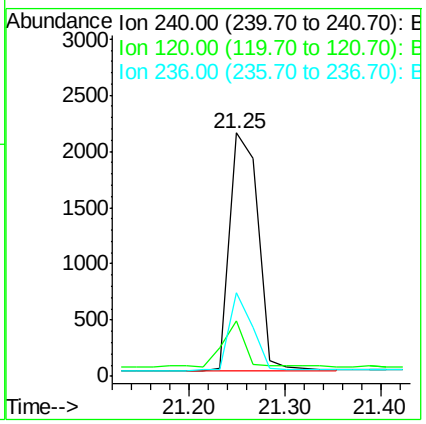


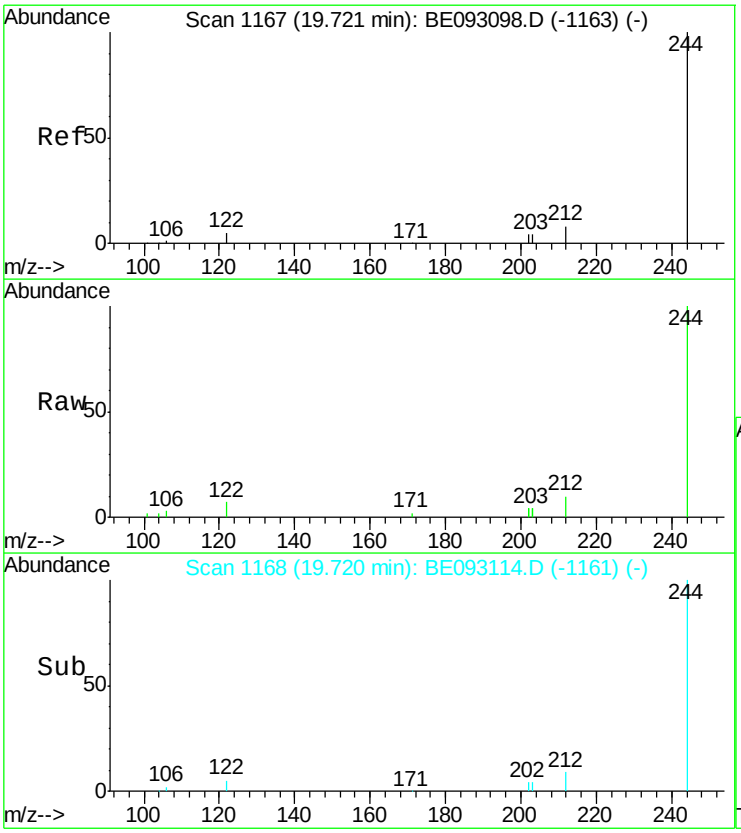

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:240 Resp: 4340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 22.6 | 4.6 | 7.0# |
| 236 | 34.1 | 20.8 | 31.2# |

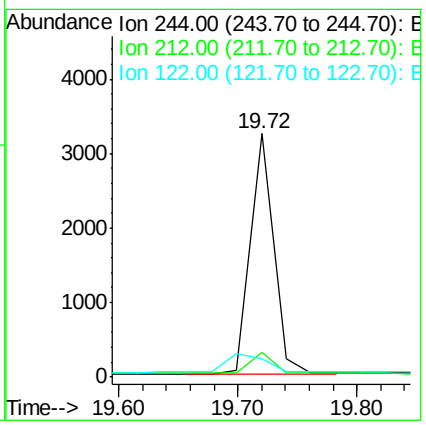


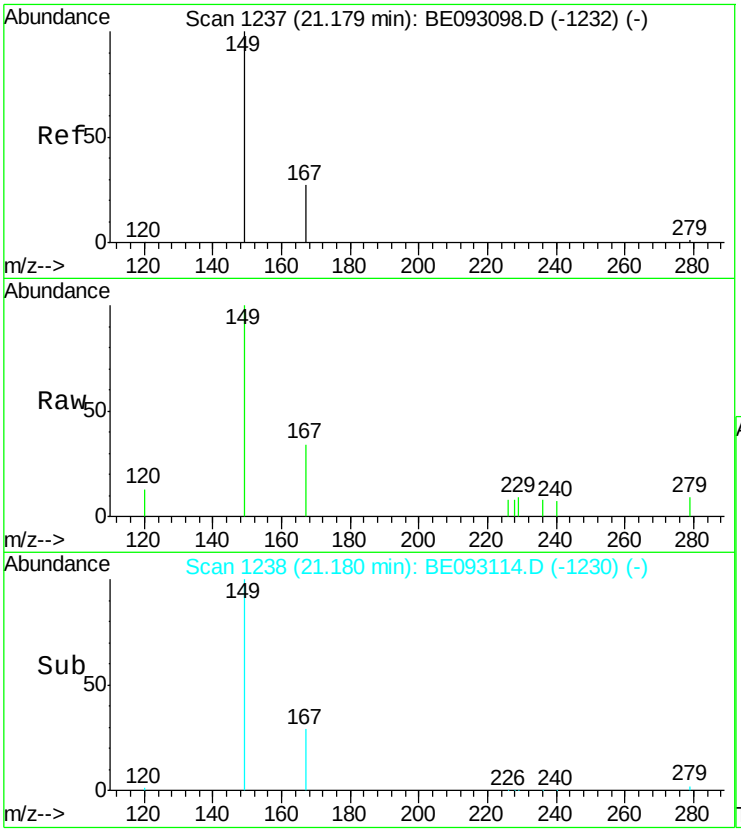




#29
Terphenyl-d14
Concen: 0.523 ng
RT: 19.72 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:244 Resp: 4379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.0 | 10.6 | 16.0# |
| 122 | 7.4 | 15.4 | 23.0# |



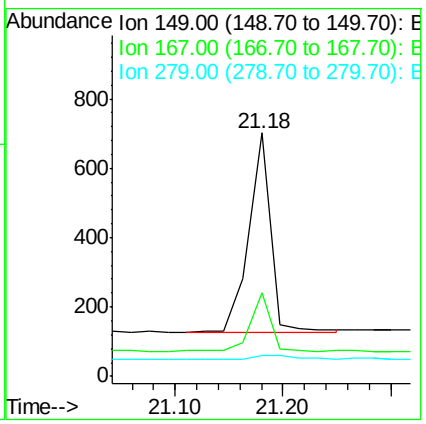


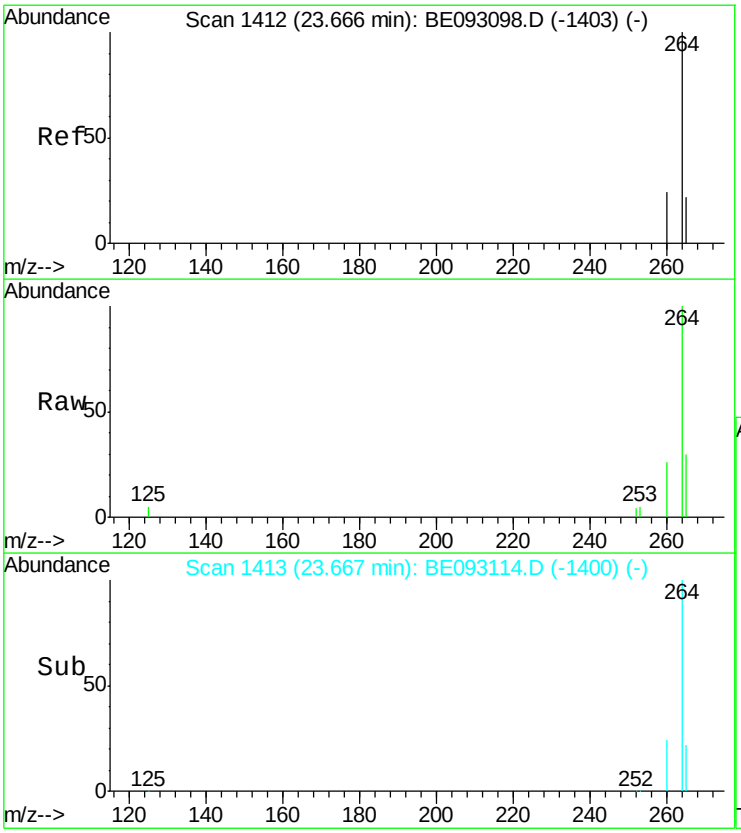

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.18 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

**Instrument :**
BNA_E
**ClientSampleId :**
MW-110

Tgt Ion:149 Resp: 802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 20.1 | 30.1 |
| 279 | 0.0 | 2.2 | 3.4# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:264 Resp: 3722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.9 | 21.0 | 31.4 |
| 265 | 30.5 | 24.6 | 36.8 |