Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096302.D
Acq On : 2 May 2018 20:09
Operator : SJ/JU
Sample : J2662-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** BP-EB03-20180430

Quant Time: May 03 02:31:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.36 | 152 | 945 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 11.19 | 136 | 3536 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.93 | 164 | 1926 | 0.40 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.65 | 188 | 4347 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.74 | 240 | 4333 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 24.35 | 264 | 4174 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.88 | 112 | 429 | 0.15 | ng | 0.02 |
| 5) Phenol-d6 | 7.53 | 99 | 348 | 0.09 | ng | 0.02 |
| 8) Nitrobenzene-d5 | 9.54 | 82 | 2148 | 0.52 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.73 | 152 | 1925 | 0.34 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.41 | 330 | 303 | 0.33 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.57 | 172 | 5697 | 0.69 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.63 | 212 | 21497 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14 | 20.19 | 244 | 5855 | 0.61 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 3188 | 0.089 | ng | # 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096302.D
Acq On : 2 May 2018 20:09
Operator : SJ/JU
Sample : J2662-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Quant Time: May 03 02:31:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
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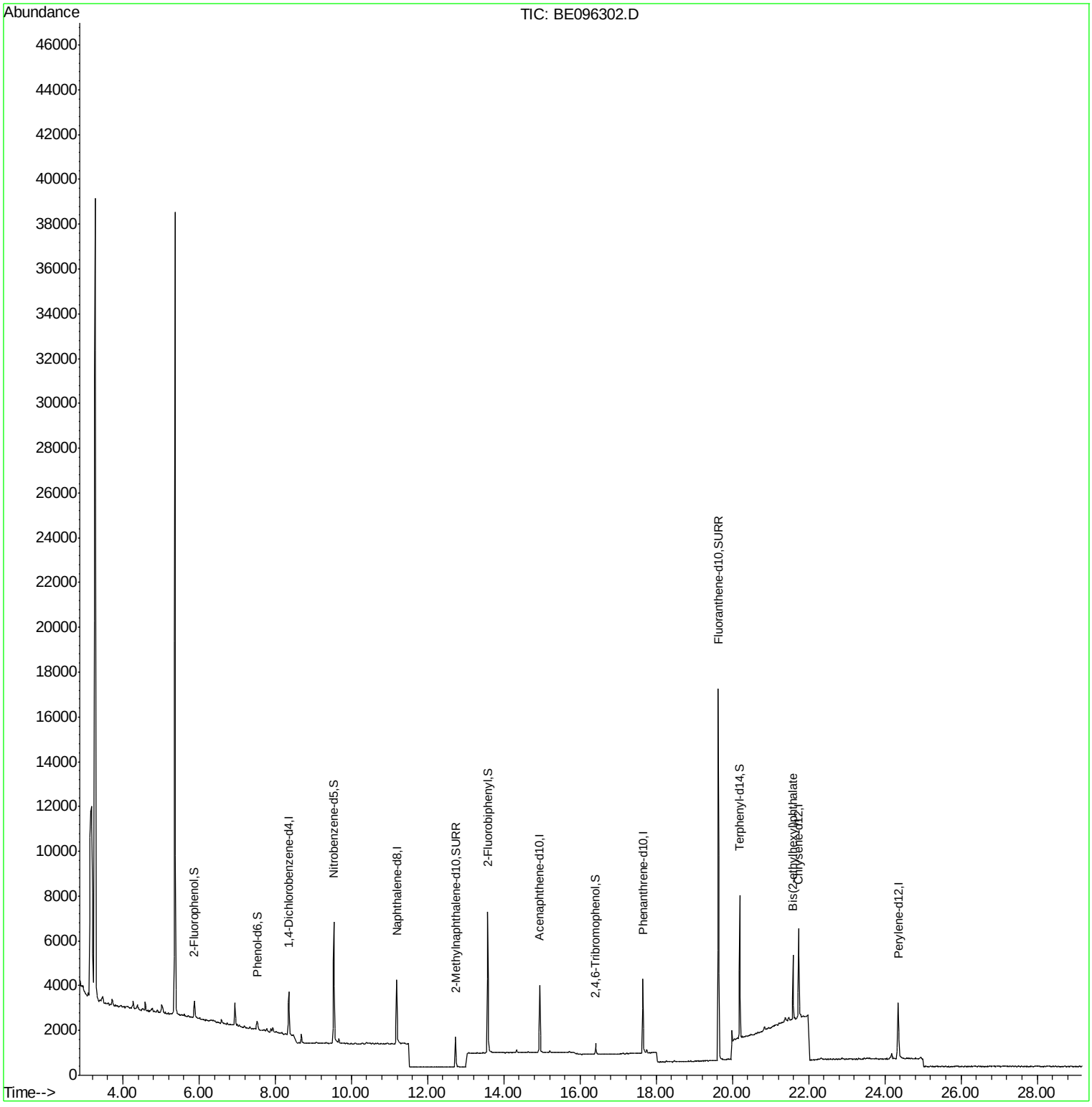
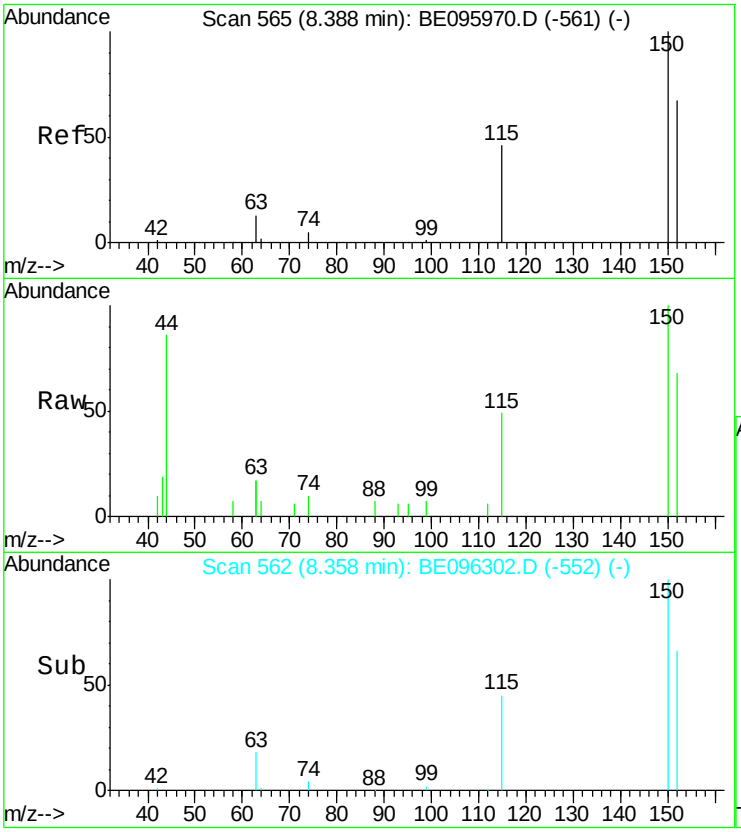


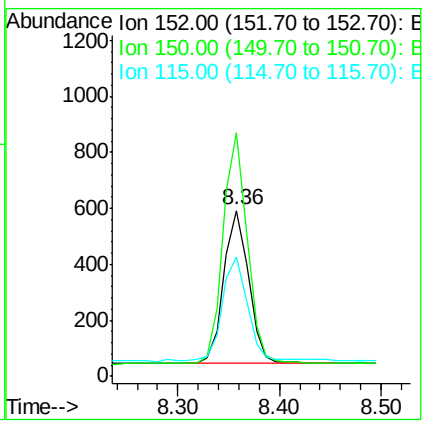


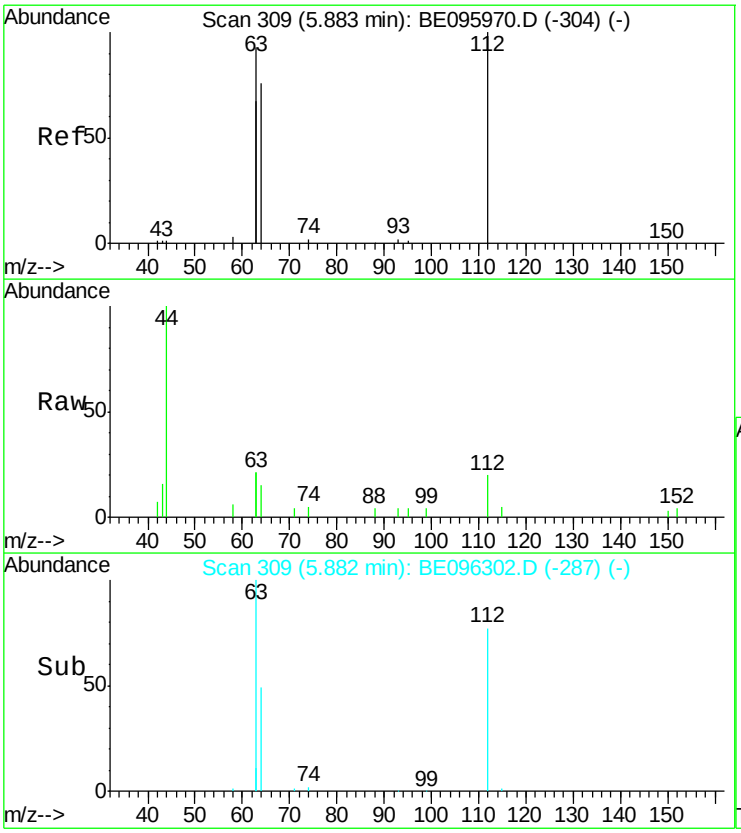

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:152 Resp: 945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.5 | 117.2 | 175.8 |
| 115 | 72.2 | 57.0 | 85.6 |

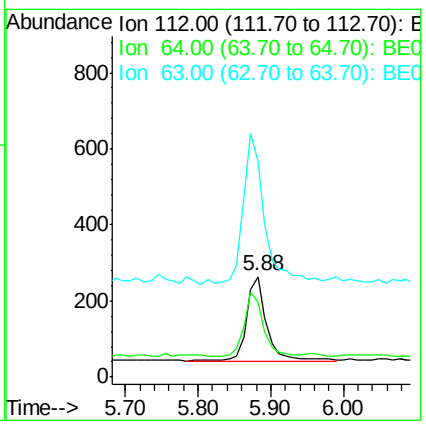


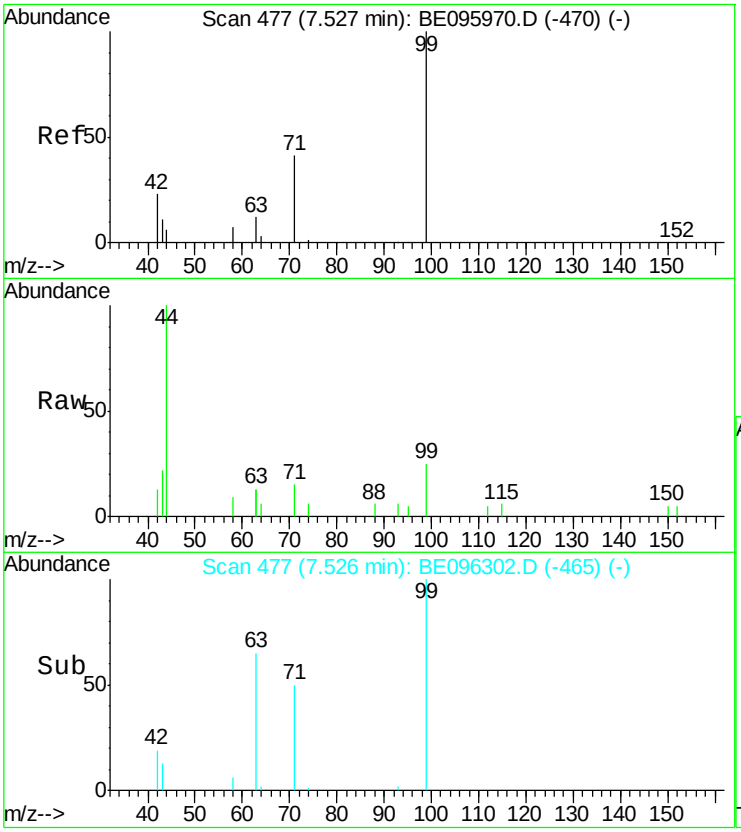




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.88 min Scan# 309
Delta R.T. 0.02 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:112 Resp: 429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.1 | 60.1 | 90.1 |
| 63 | 187.2 | 116.8 | 175.2# |



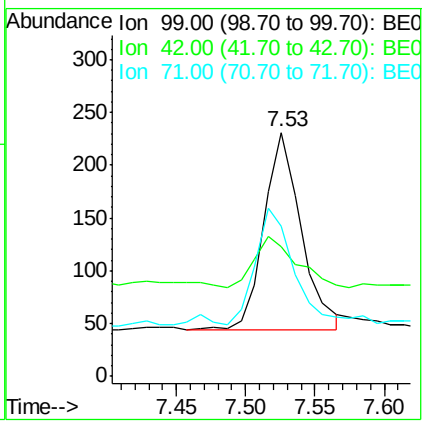


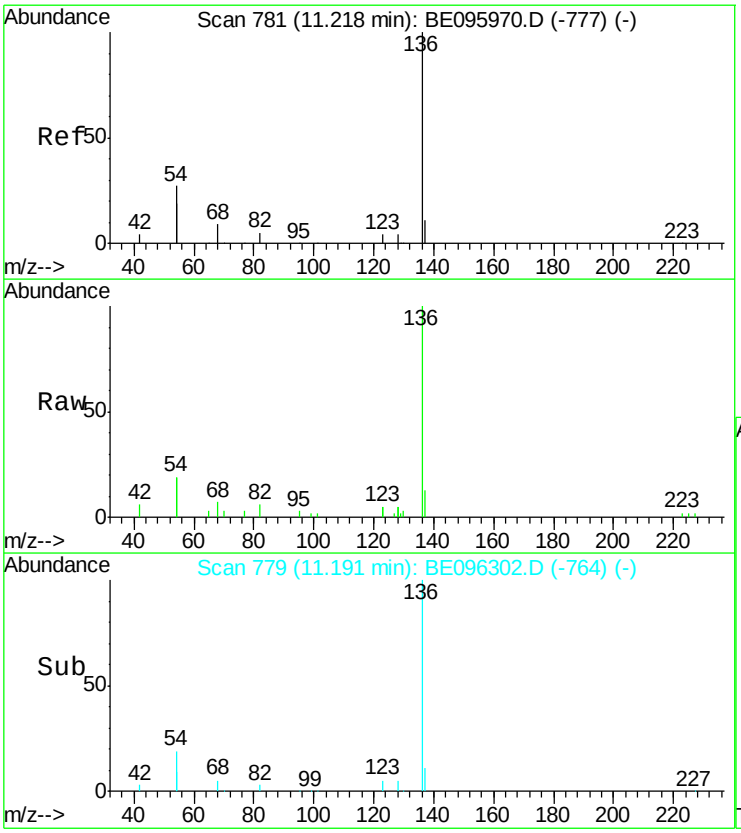

#5
Phenol-d6
Concen: 0.086 ng
RT: 7.53 min Scan# 477
Delta R.T. 0.02 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion: 99 Resp: 348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 29.3 | 20.2 | 30.2 |
| 71 | 59.8 | 28.4 | 42.6# |

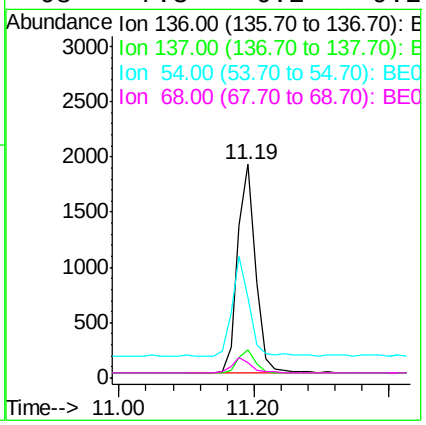


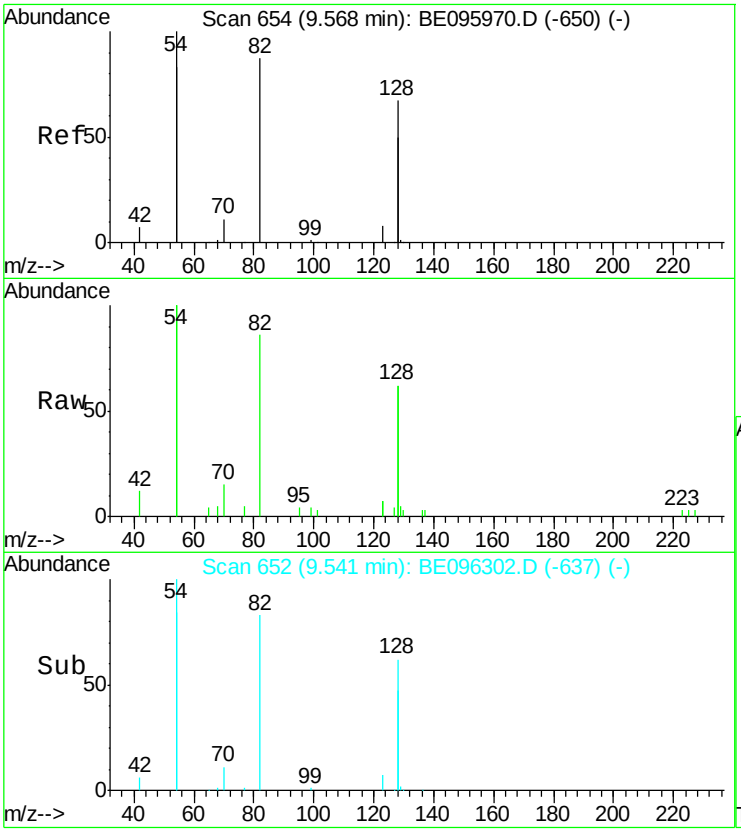




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:136 Resp: 3536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.1 | 9.5 | 14.3 |
| 54 | 37.8 | 29.1 | 43.7 |
| 68 | 7.3 | 6.2 | 9.2 |



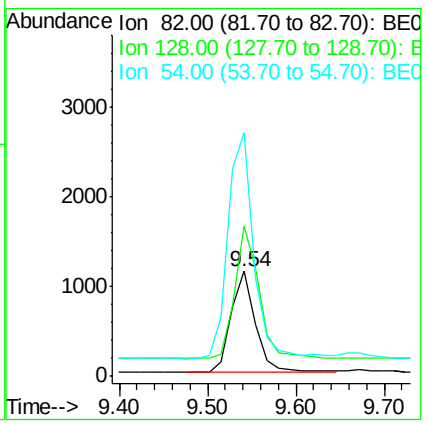


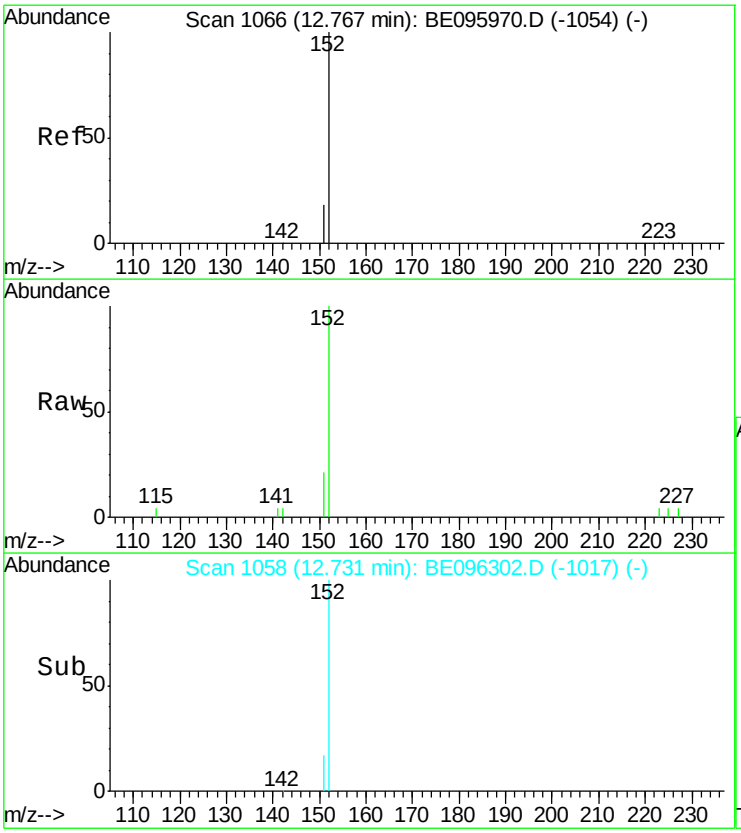

#8
Nitrobenzene-d5
Concen: 0.518 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion: 82 Resp: 2148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 143.6 | 150.0 | 225.0# |
| 54 | 232.1 | 154.2 | 231.4# |

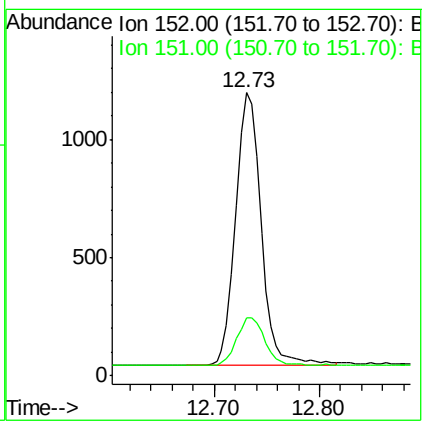


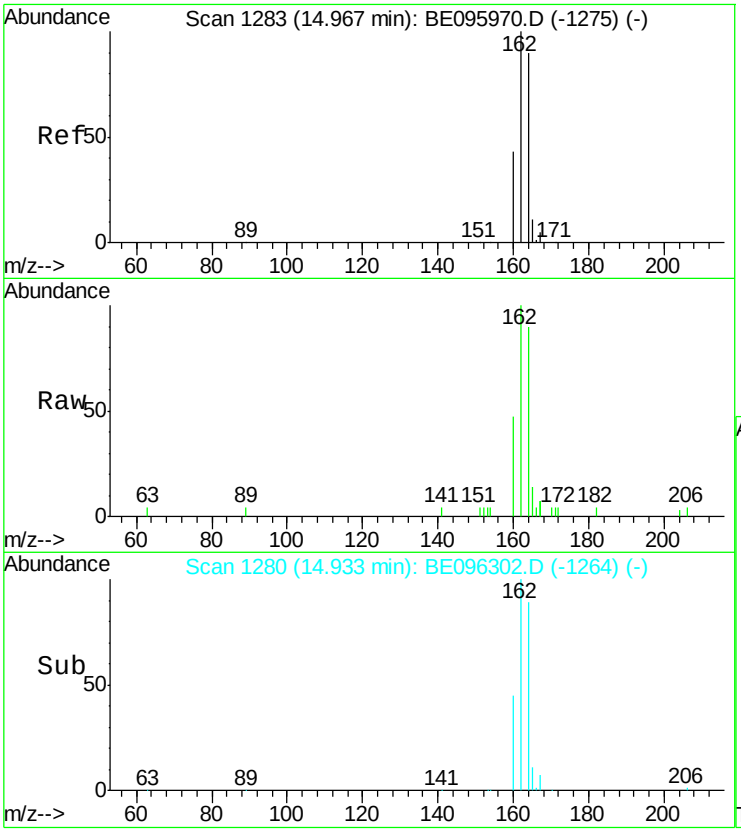




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:152 Resp: 1925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.4 | 23.0 |



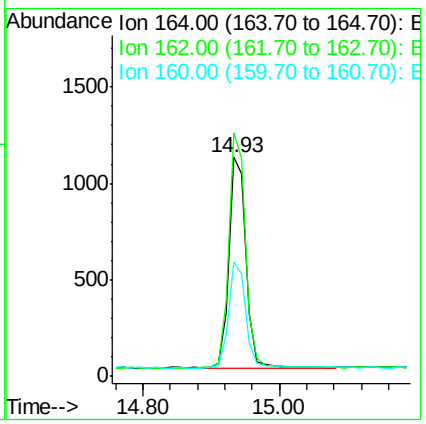


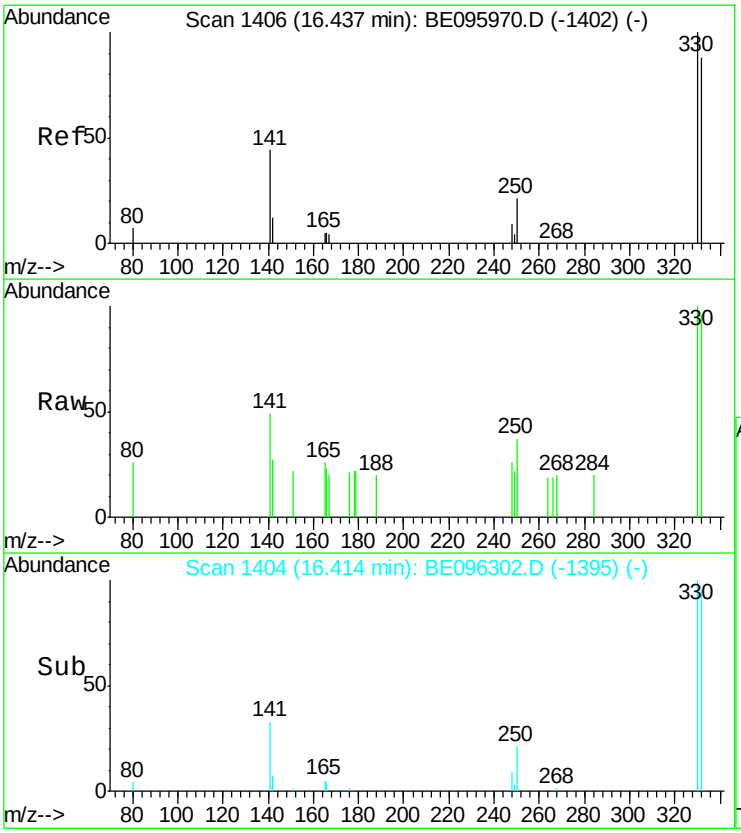

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:164 Resp: 1926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 111.2 | 83.1 | 124.7 |
| 160 | 52.3 | 37.1 | 55.7 |

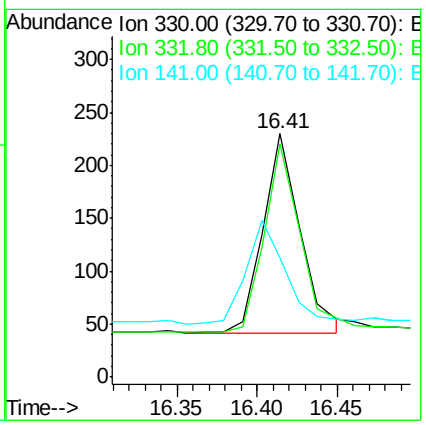


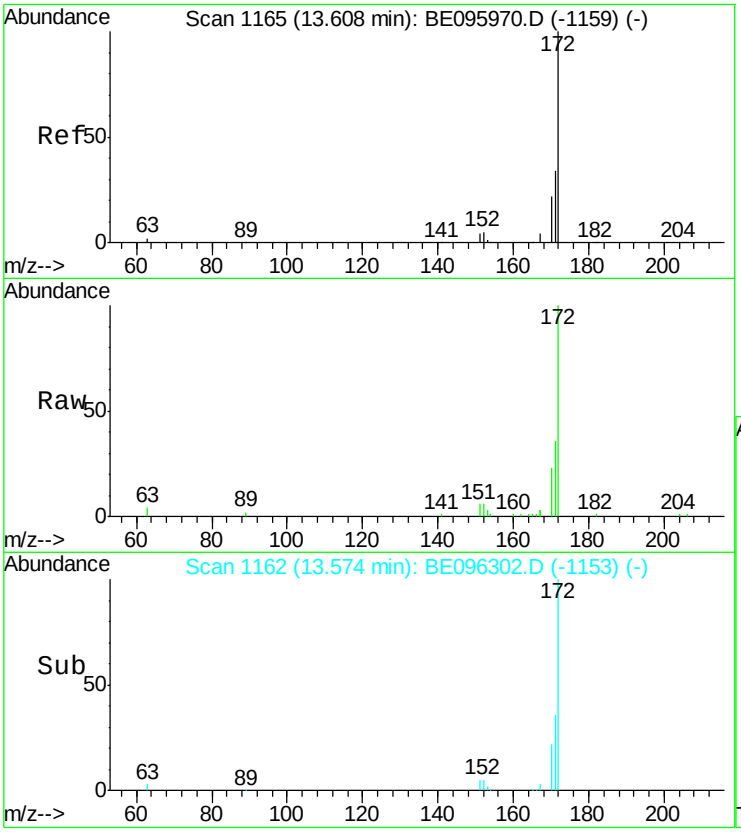




#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:330 Resp: 303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 90.8 | 152.7 | 229.1# |
| 141 | 55.4 | 33.7 | 50.5# |



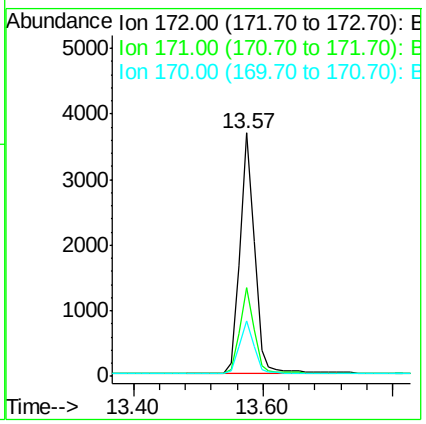


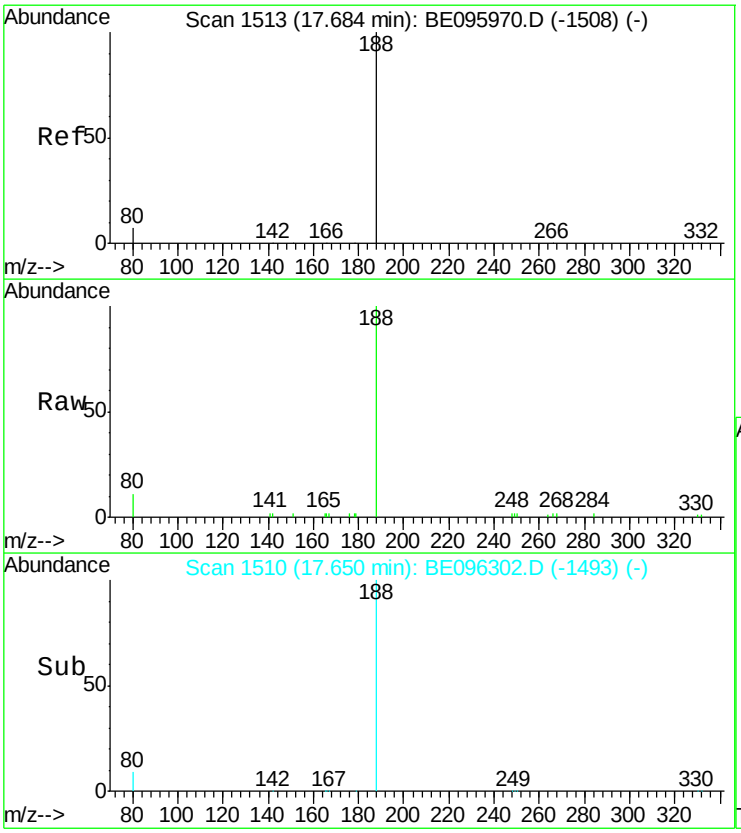

#15
2-Fluorobiphenyl
Concen: 0.691 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:172 Resp: 5697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.9 | 44.9 |
| 170 | 22.5 | 21.8 | 32.8 |

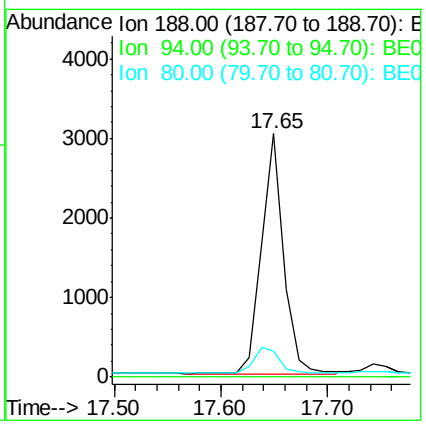


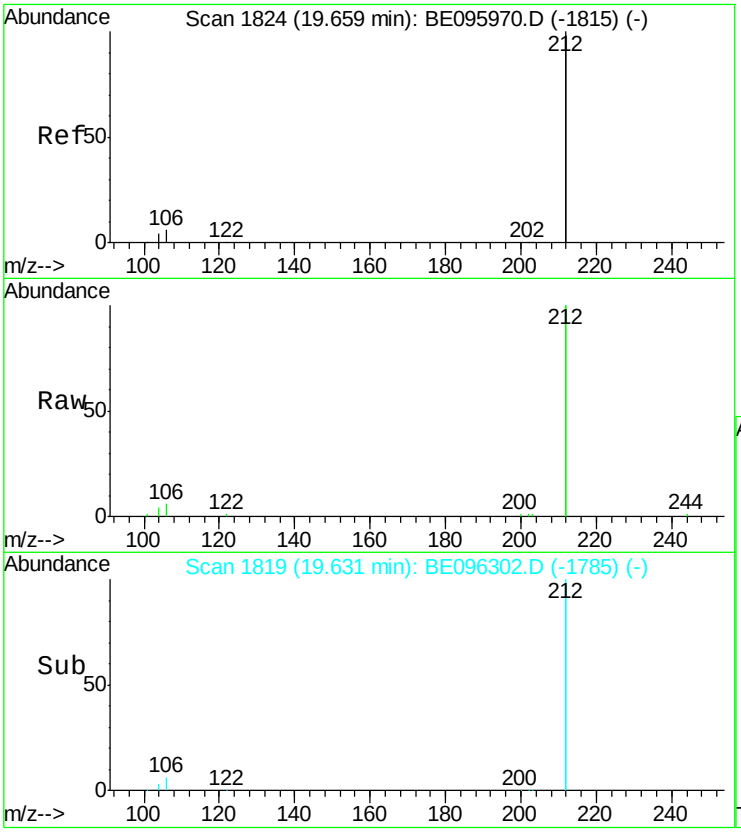




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:188 Resp: 4347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 10.9 | 3.6 | 5.4# |



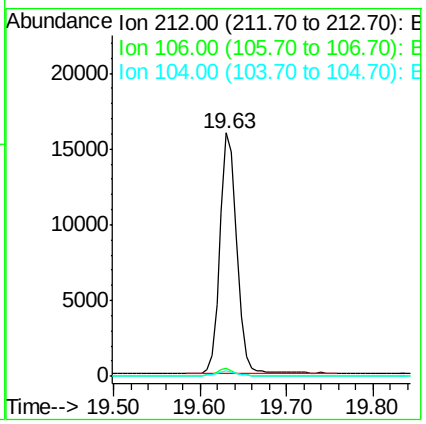


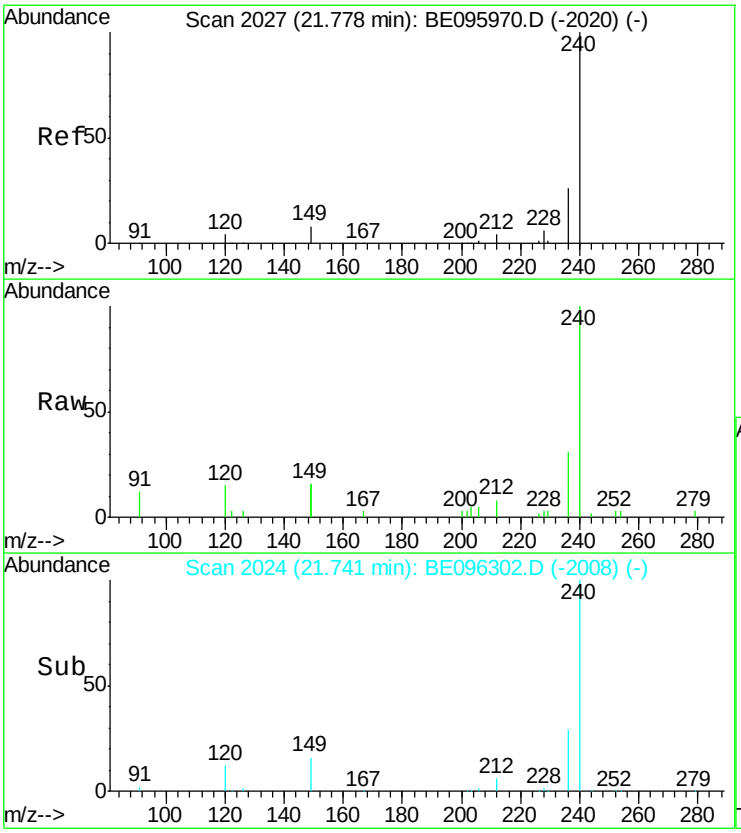

#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:212 Resp: 21497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.0 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |

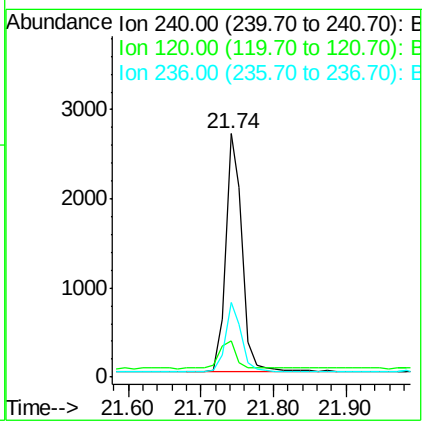


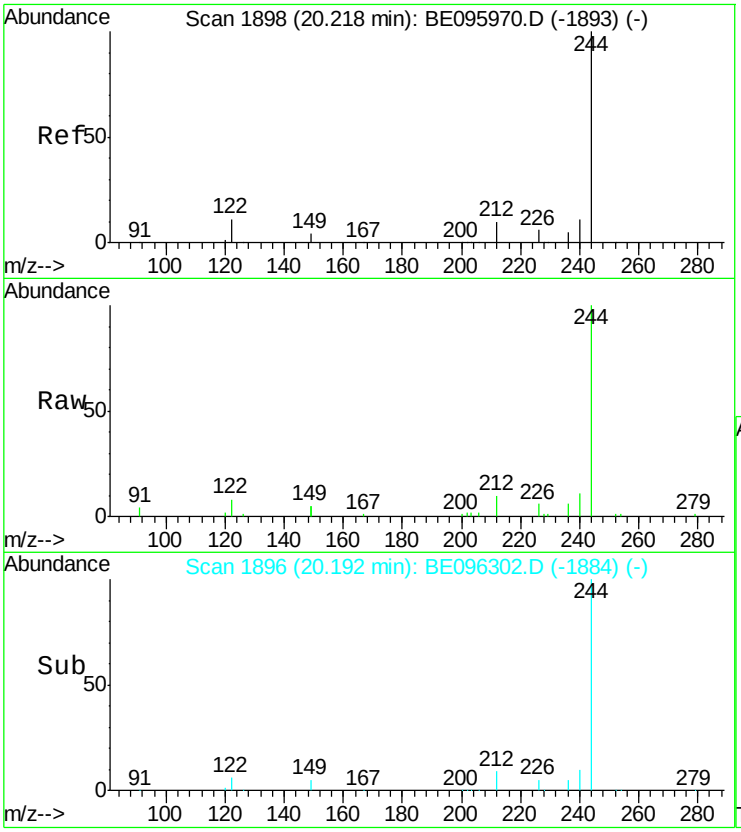




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:240 Resp: 4333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.9 | 5.5 | 8.3# |
| 236 | 30.6 | 20.7 | 31.1 |



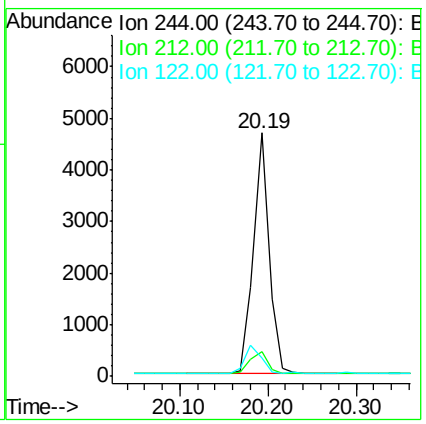


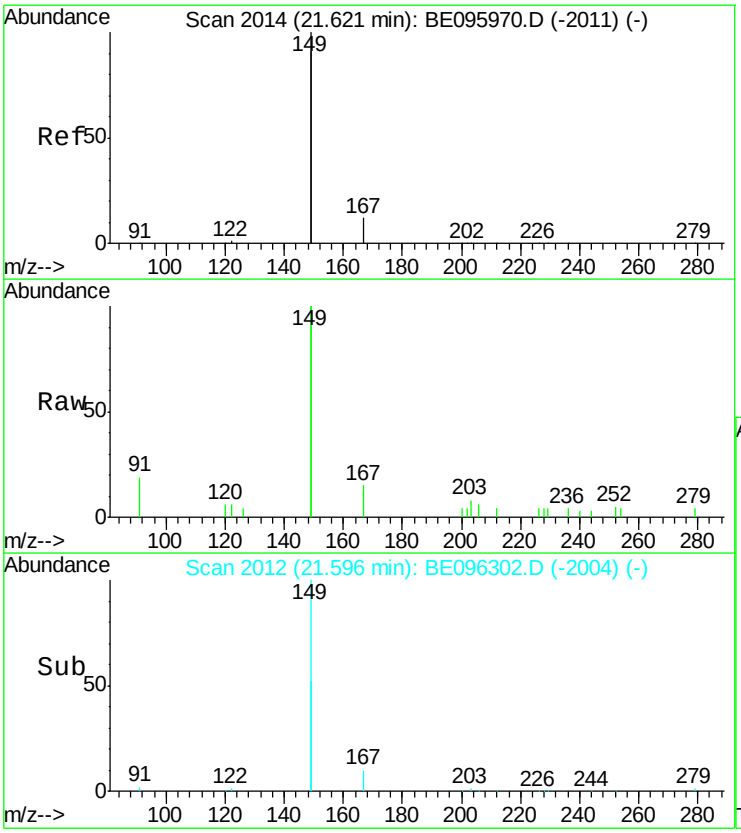

#29
Terphenyl-d14
Concen: 0.612 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:244 Resp: 5855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 25.4 | 38.0# |
| 122 | 7.5 | 8.1 | 12.1# |

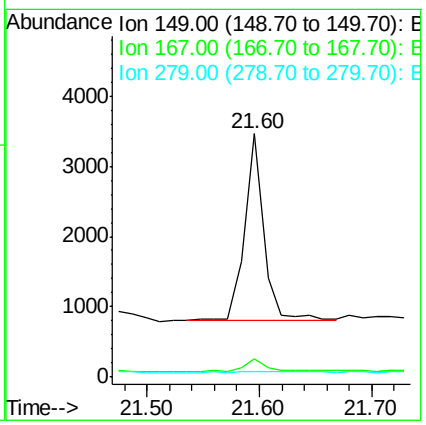


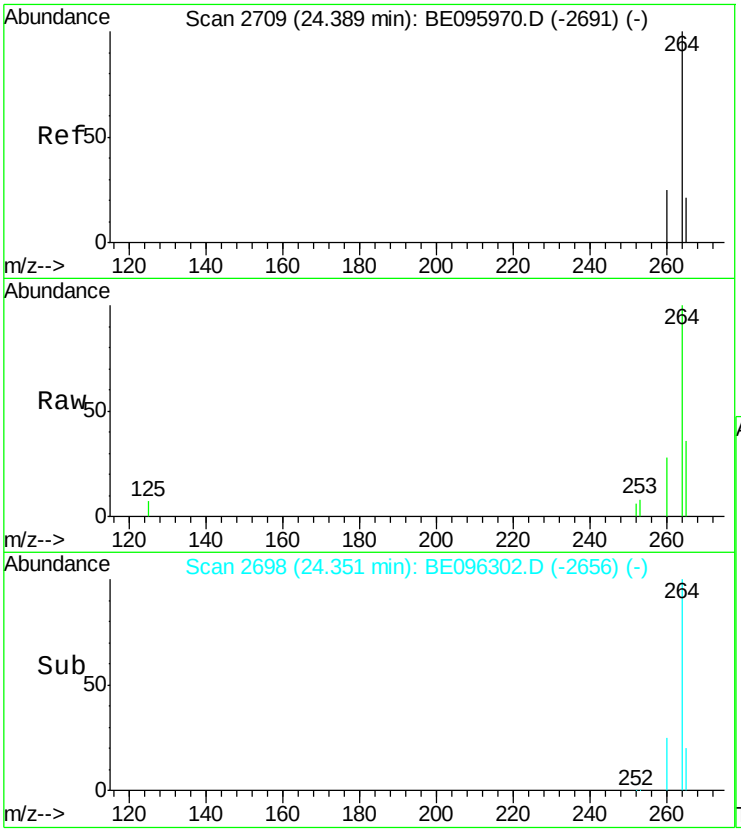




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

Tgt Ion:149 Resp: 3188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.4 | 5.4 | 8.0 |
| 279 | 1.1 | 0.7 | 1.1# |






#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096302.D
Acq: 2 May 2018 20:09

**Instrument :**
BNA_E
**ClientSampleId :**
BP-EB03-20180430

Tgt Ion:264 Resp: 4174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.6 | 20.5 | 30.7 |
| 265 | 36.3 | 22.8 | 34.2# |