Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097559.D
Acq On : 20 Sep 2018 2:48
Operator : SJ/JU
Sample : J4958-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** BP-TT-AOC22-MW10-20180915

Quant Time: Sep 20 06:47:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 752 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.12 | 136 | 3667 | 0.40 | ng | -0.01 |
| 13) Acenaphthene-d10 | 13.99 | 164 | 2784 | 0.40 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.75 | 188 | 7164 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 20.97 | 240 | 9635 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.20 | 264 | 9756 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 500 | 0.22 | ng | 0.00 |
| 5) Phenol-d6 | 6.61 | 99 | 290 | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.52 | 82 | 1145 | 0.40 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.71 | 152 | 2141 | 0.42 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.51 | 330 | 613 | 0.54 | ng | -0.02 |
| 15) 2-Fluorobiphenyl | 12.61 | 172 | 3864 | 0.39 | ng | -0.02 |
| 25) Fluoranthene-d10 | 18.79 | 212 | 42305 | 0.46 | ng | -0.01 |
| 29) Terphenyl-d14 | 19.41 | 244 | 9633 | 0.55 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Naphthalene | 10.17 | 128 | 1341 | 0.041 | ng | # 77 |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 4646 | 0.124 | ng | # 95 |

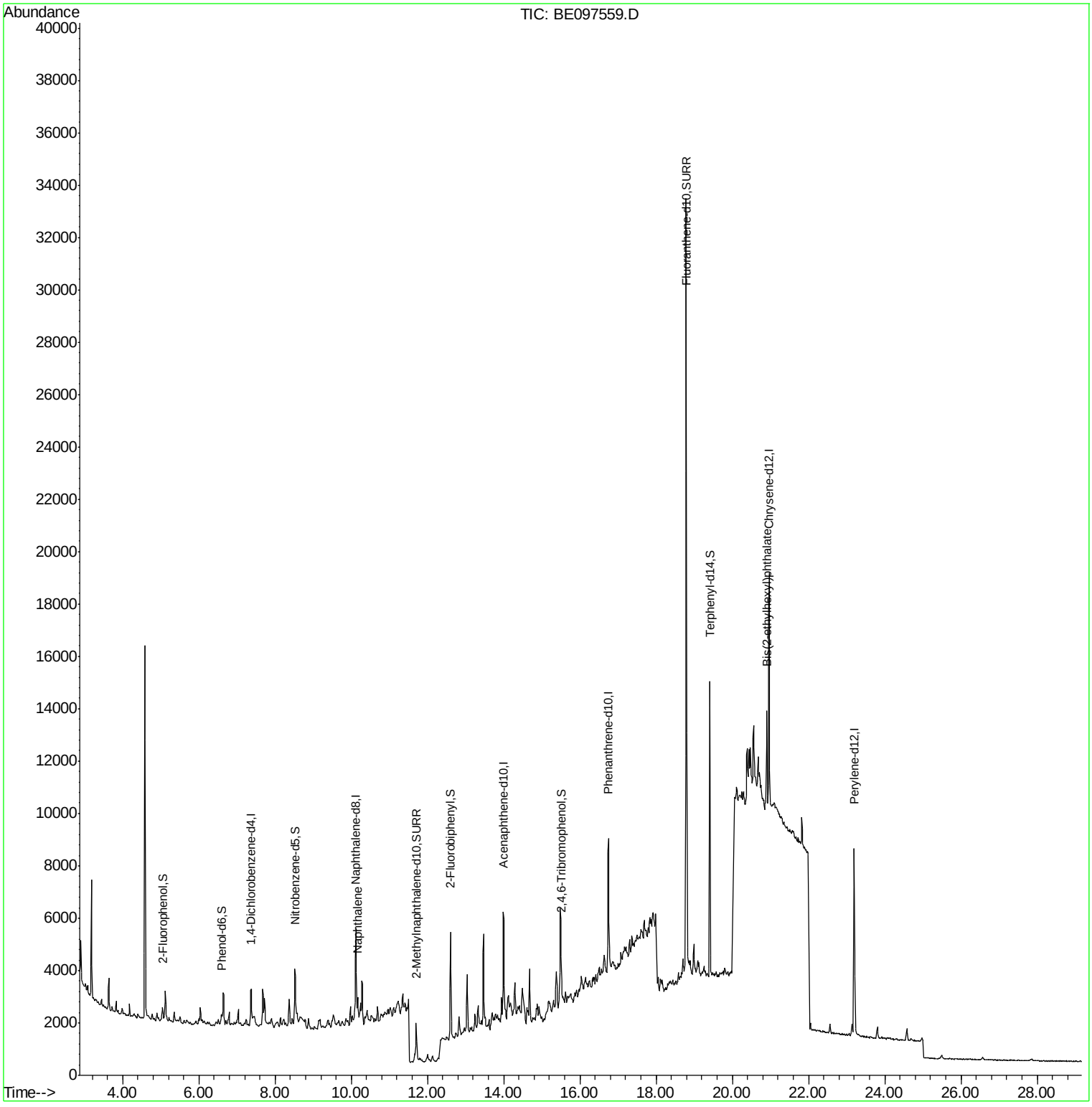
(#) = qualifier out of range (m) = manual integration (+) = signals summed

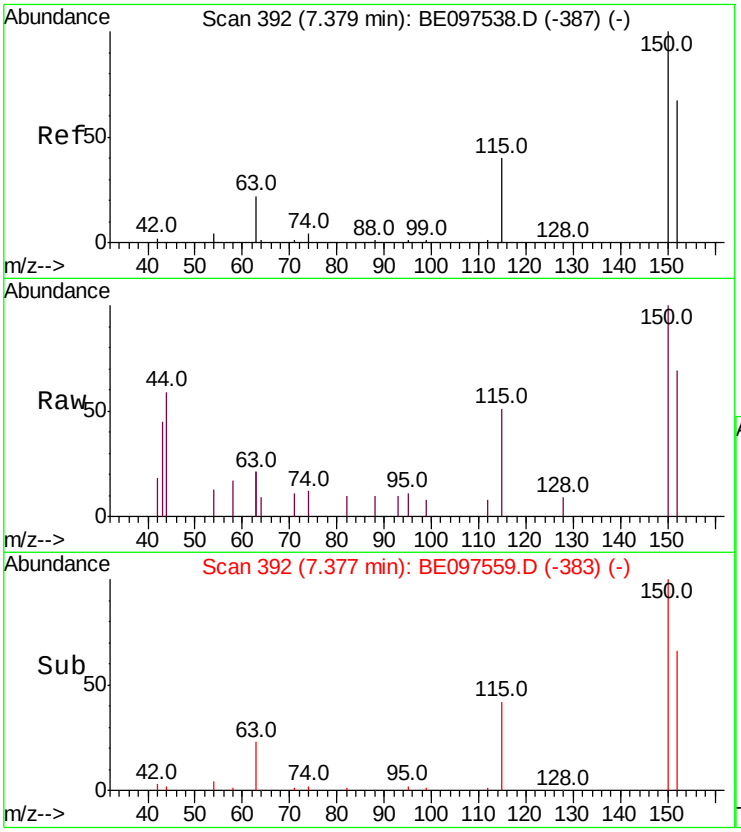
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097559.D
Acq On : 20 Sep 2018 2:48
Operator : SJ/JU
Sample : J4958-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Quant Time: Sep 20 06:47:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration



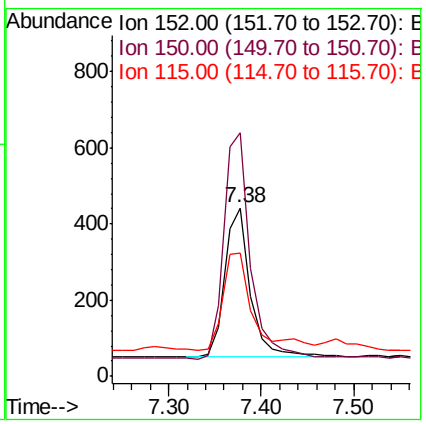


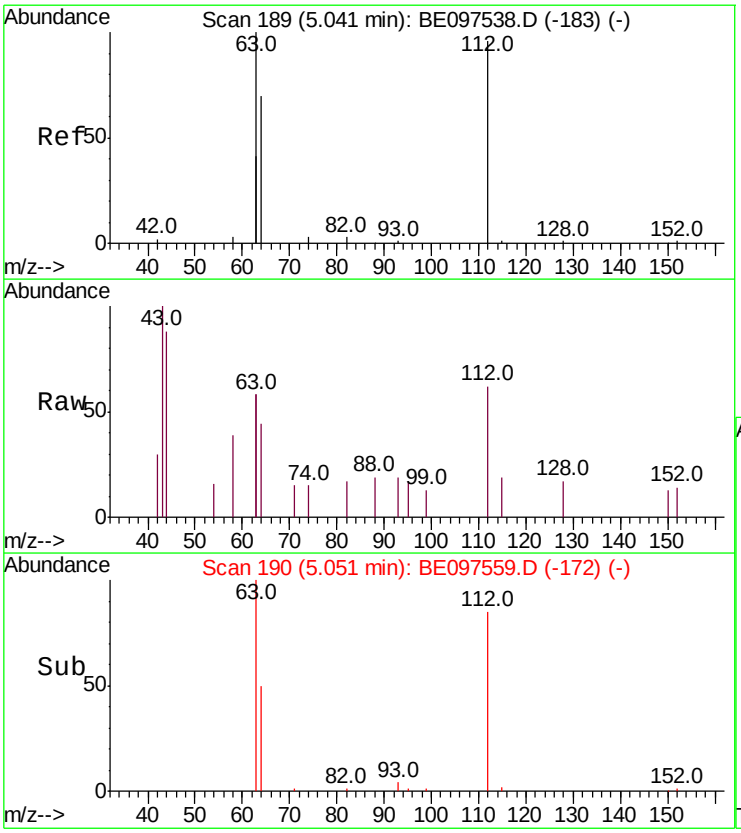

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:152 Resp: 752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.2 | 117.2 | 175.8 |
| 115 | 72.9 | 57.0 | 85.6 |

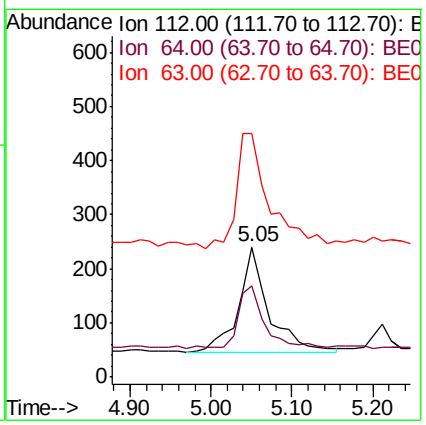


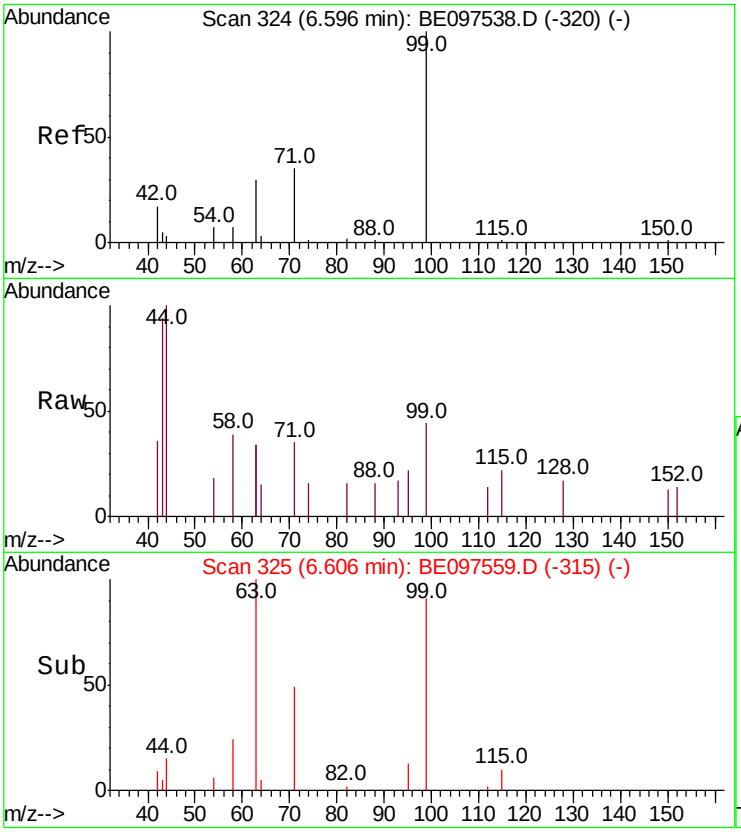




#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:112 Resp: 500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.4 | 60.1 | 90.1# |
| 63 | 124.6 | 116.8 | 175.2 |



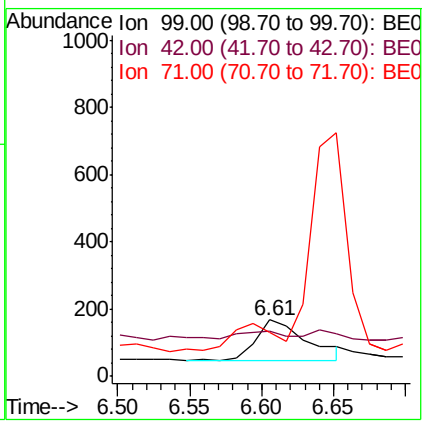


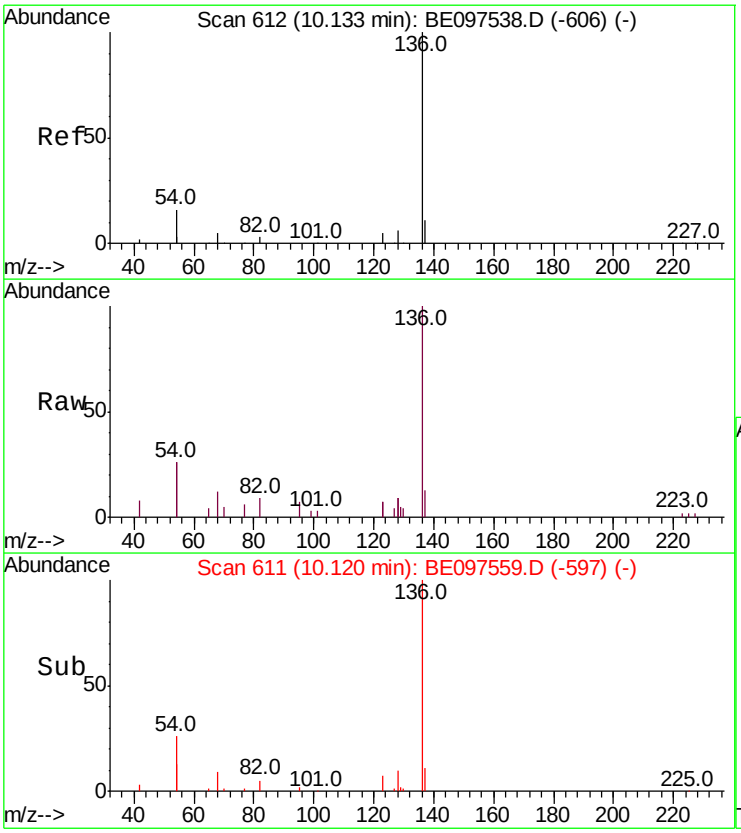

#5
Phenol-d6
Concen: 0.101 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion: 99 Resp: 290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 20.2 | 30.2# |
| 71 | 64.8 | 28.4 | 42.6# |

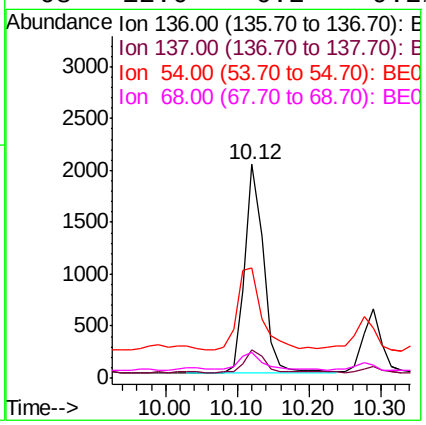


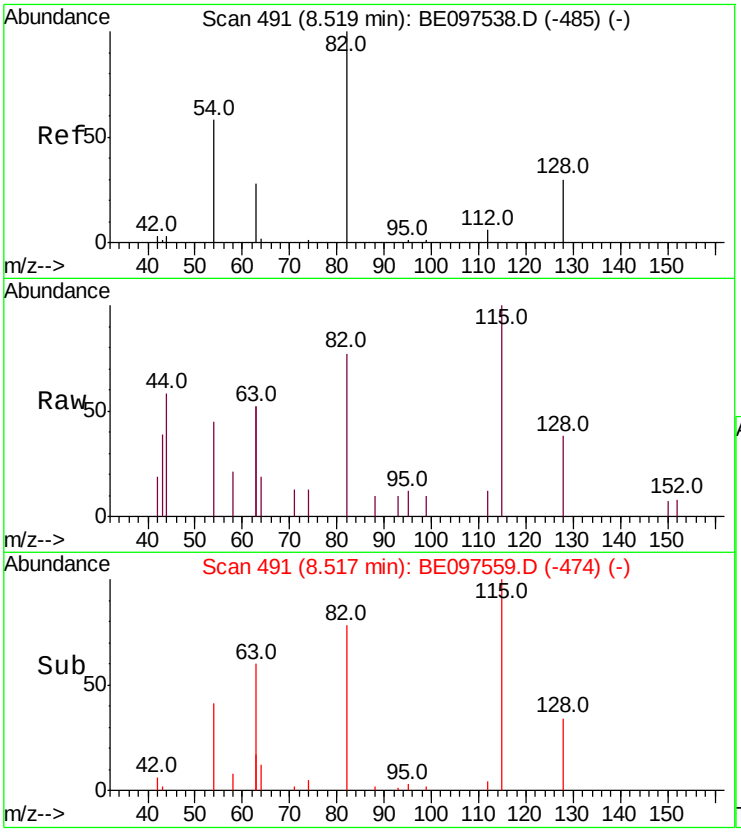




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:136 Resp: 3667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.4 | 9.5 | 14.3 |
| 54 | 51.4 | 29.1 | 43.7# |
| 68 | 12.0 | 6.2 | 9.2# |



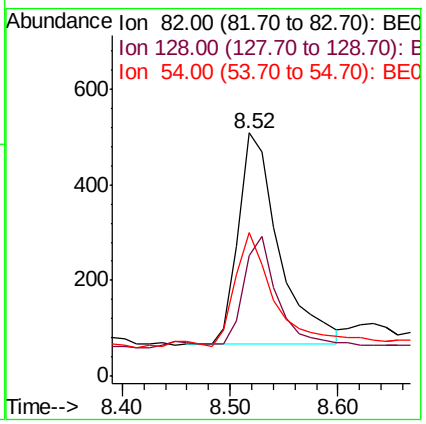


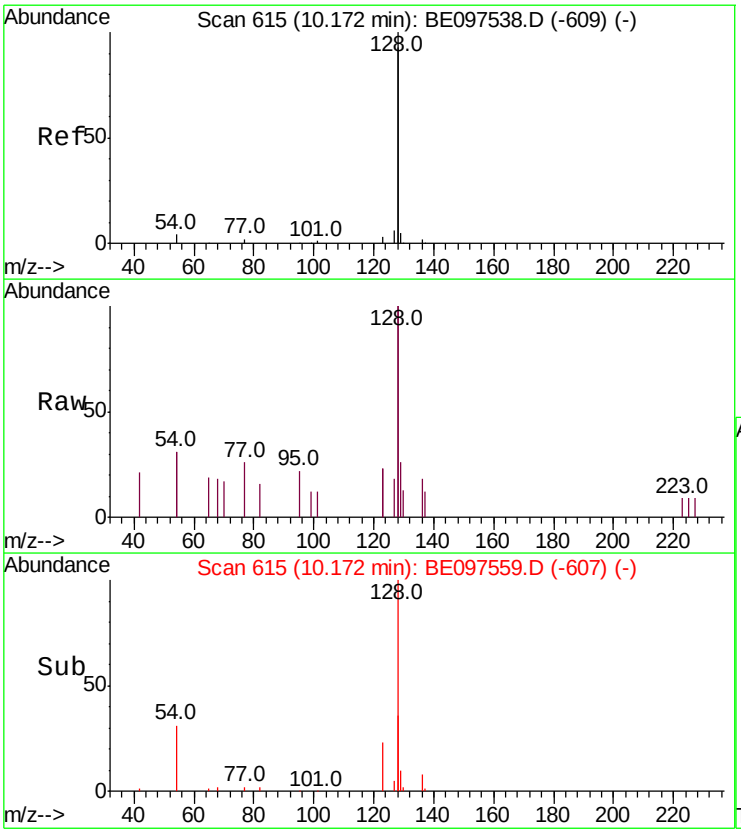

#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion: 82 Resp: 1145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.8 | 24.0 | 36.0# |
| 54 | 58.9 | 40.0 | 60.0 |

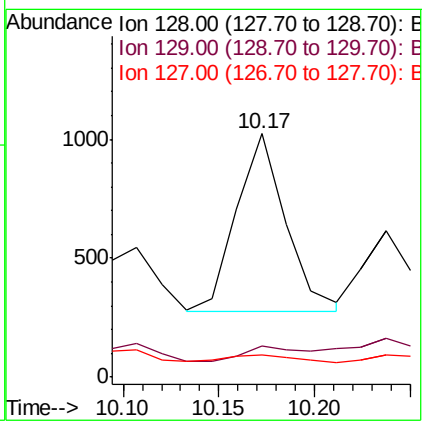


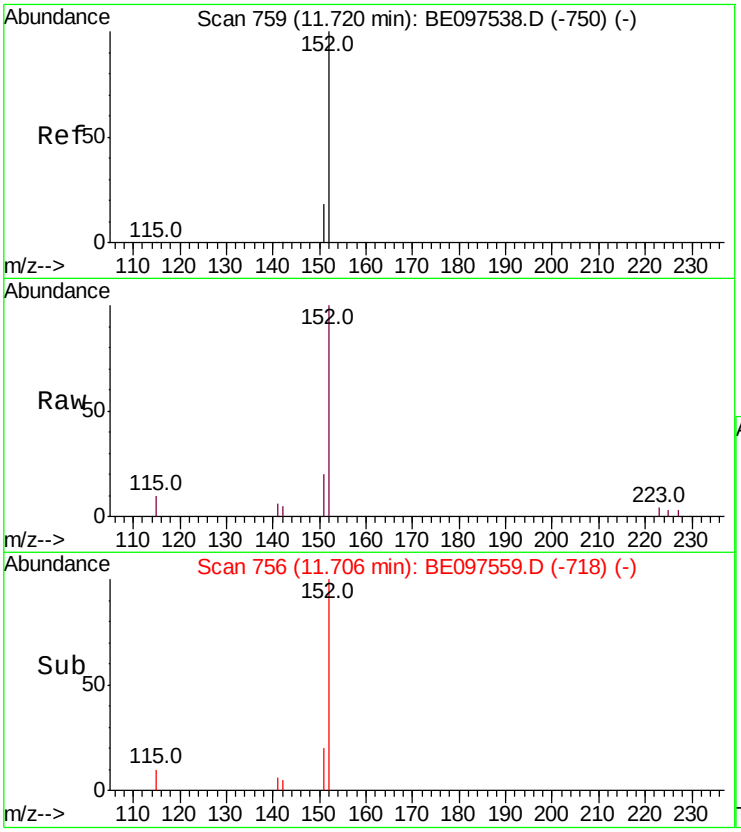




#9
Naphthalene
Concen: 0.041 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:128 Resp: 1341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.0 | 2.6 | 3.8# |
| 127 | 9.1 | 2.8 | 4.2# |



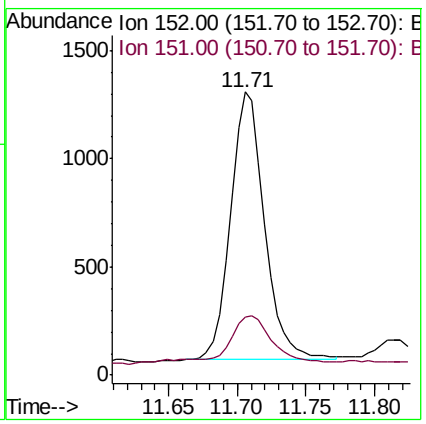


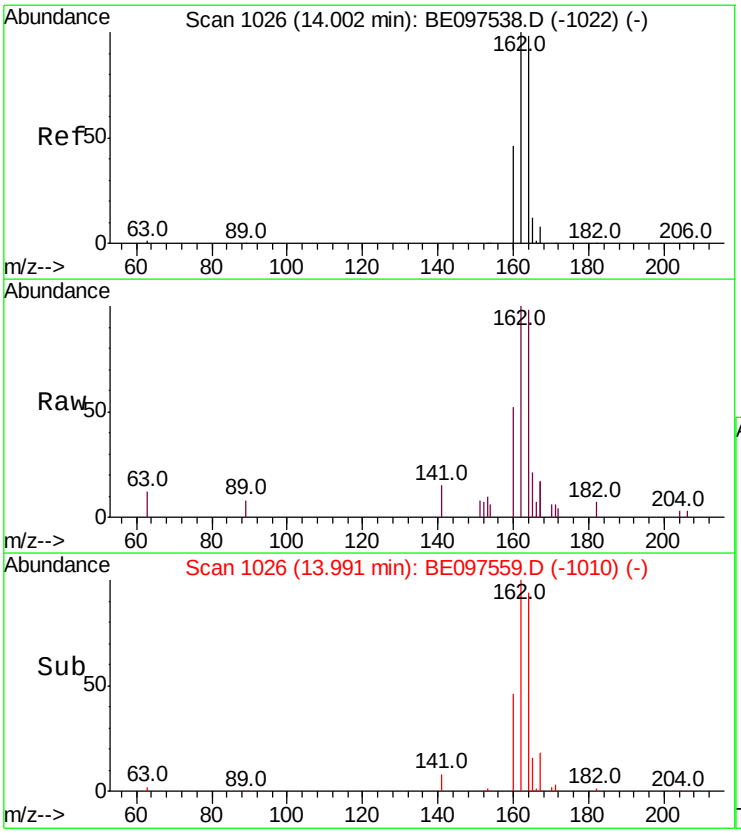

#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:152 Resp: 2141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.4 | 23.0 |

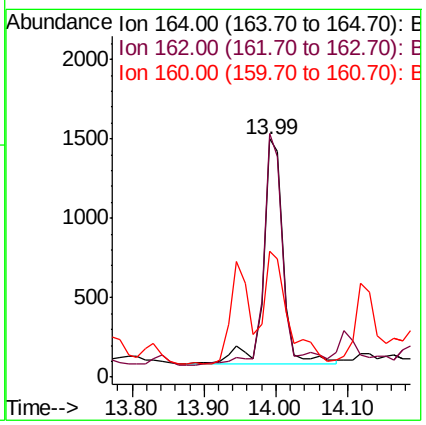


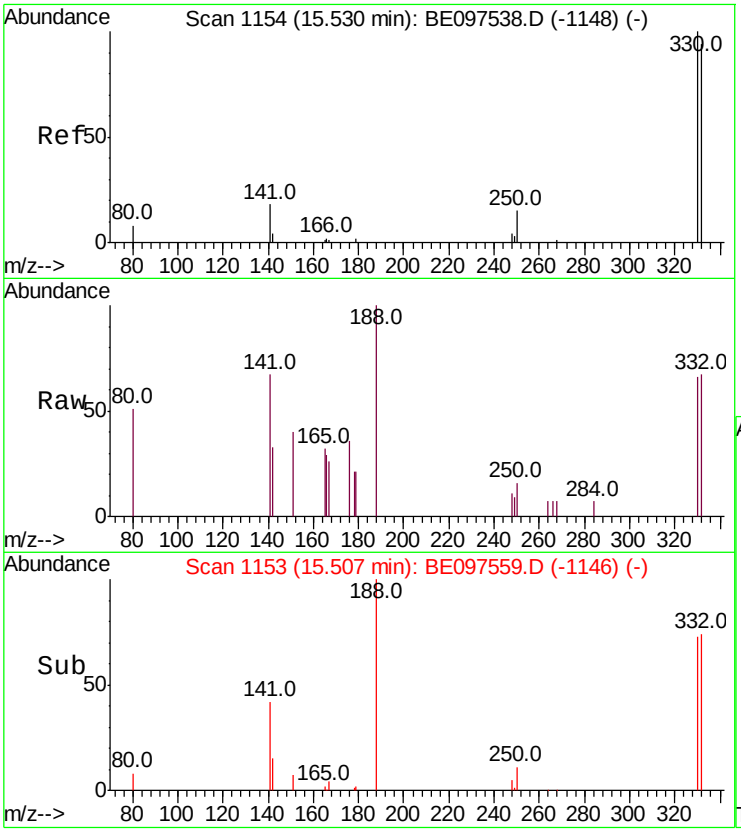




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:164 Resp: 2784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 83.1 | 124.7 |
| 160 | 53.0 | 37.1 | 55.7 |



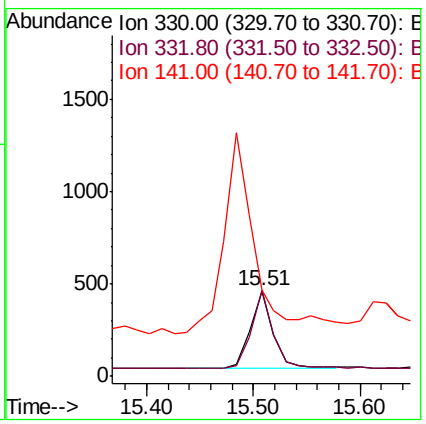


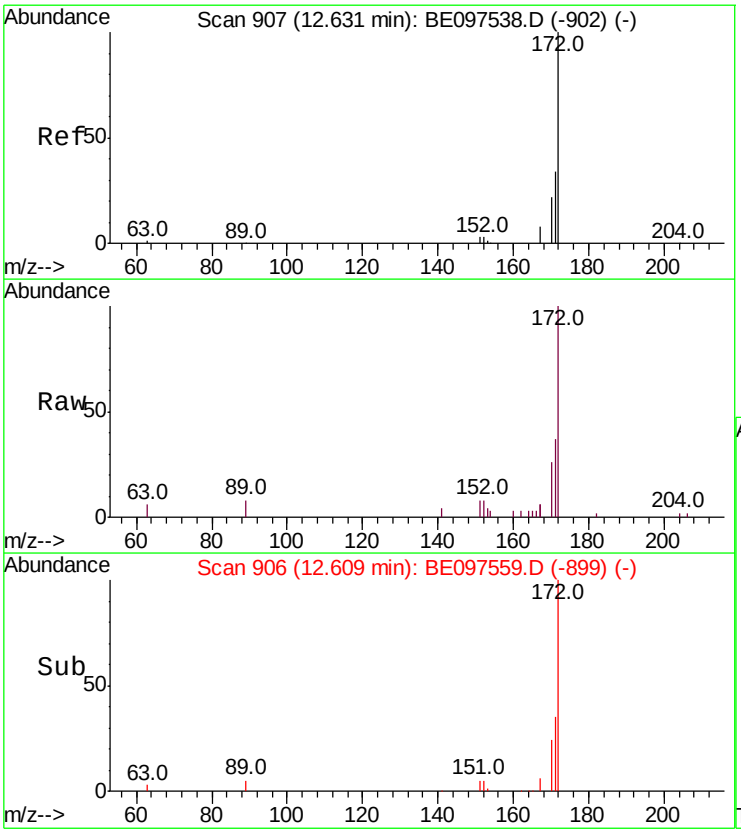

#14
2,4,6-Tribromophenol
Concen: 0.541 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:330 Resp: 613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 152.7 | 229.1# |
| 141 | 0.0 | 33.7 | 50.5# |

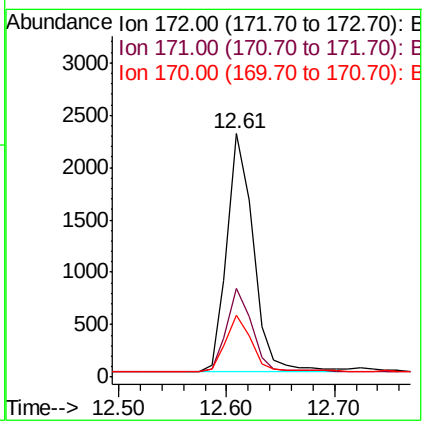


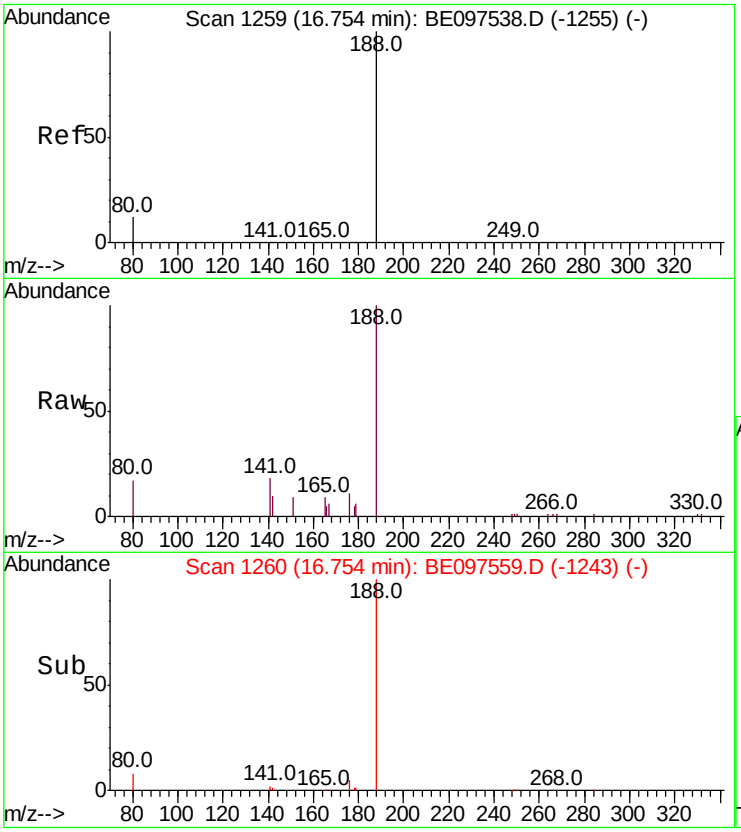




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:172 Resp: 3864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 29.9 | 44.9 |
| 170 | 25.6 | 21.8 | 32.8 |



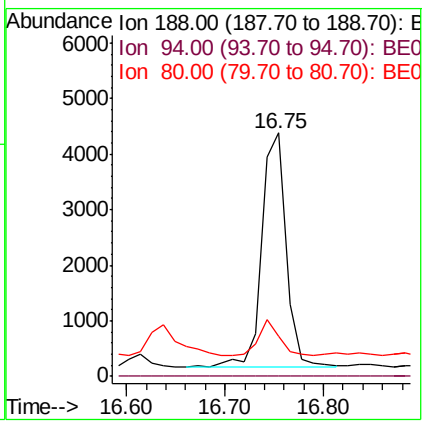


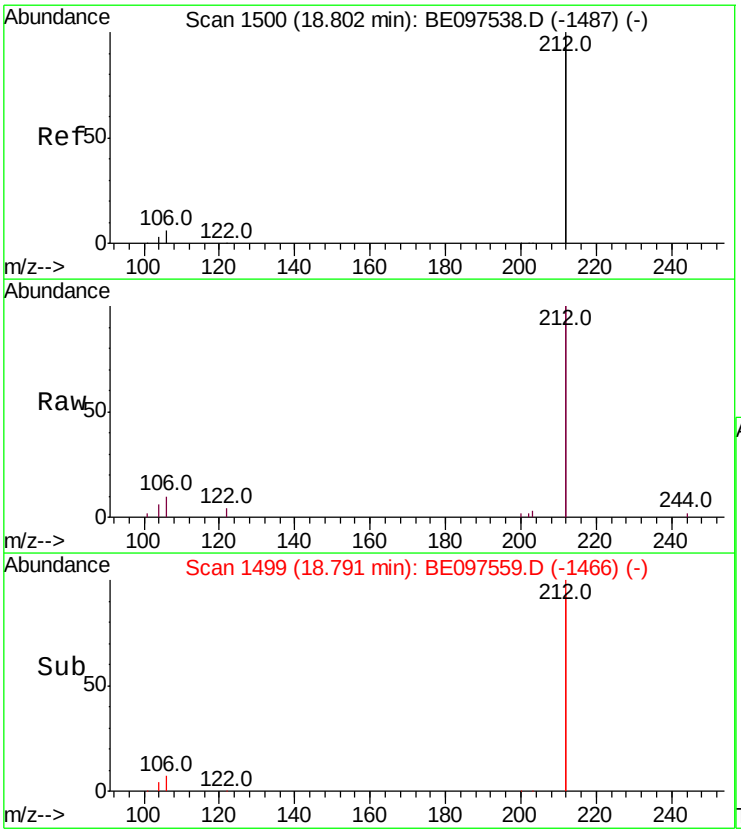

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:188 Resp: 7164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 16.6 | 3.6 | 5.4# |

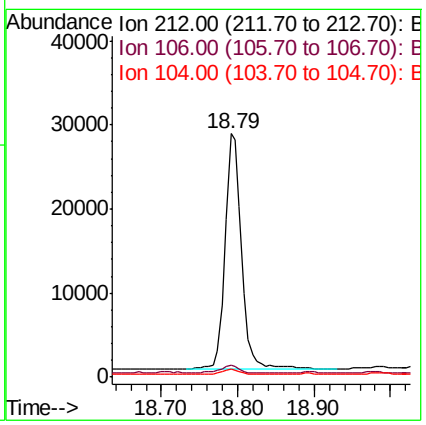


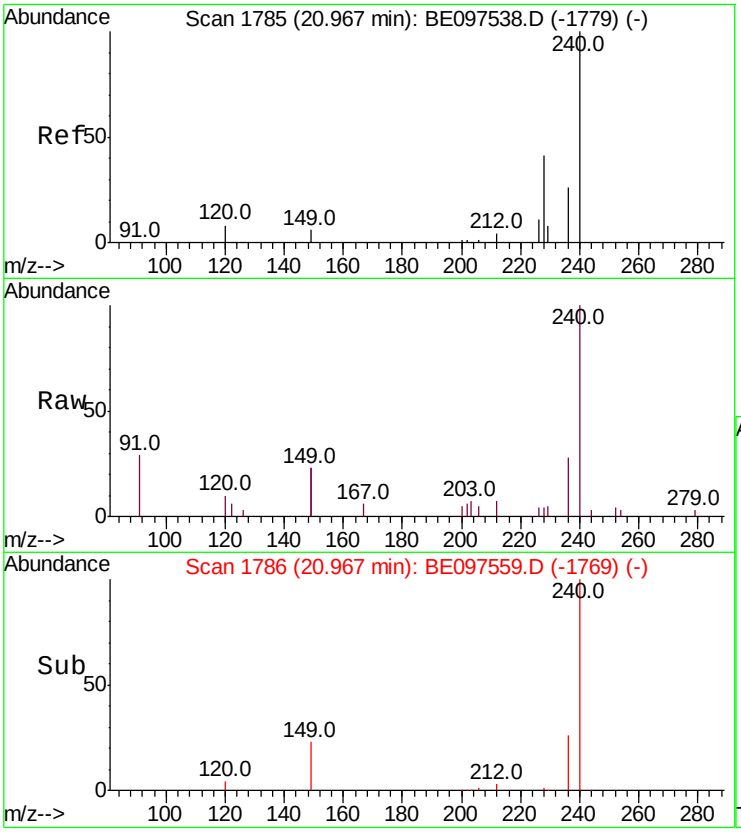




#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 18.79 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:212 Resp: 42305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.9 | 2.8 | 4.2 |
| 104 | 2.7 | 1.6 | 2.4# |



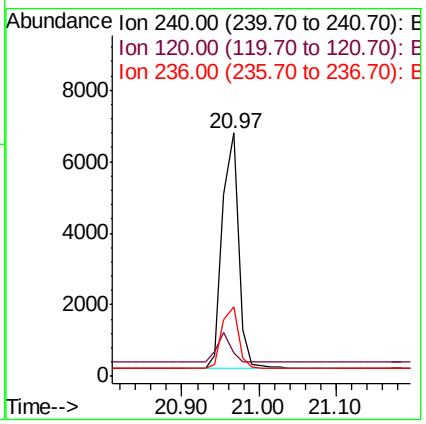


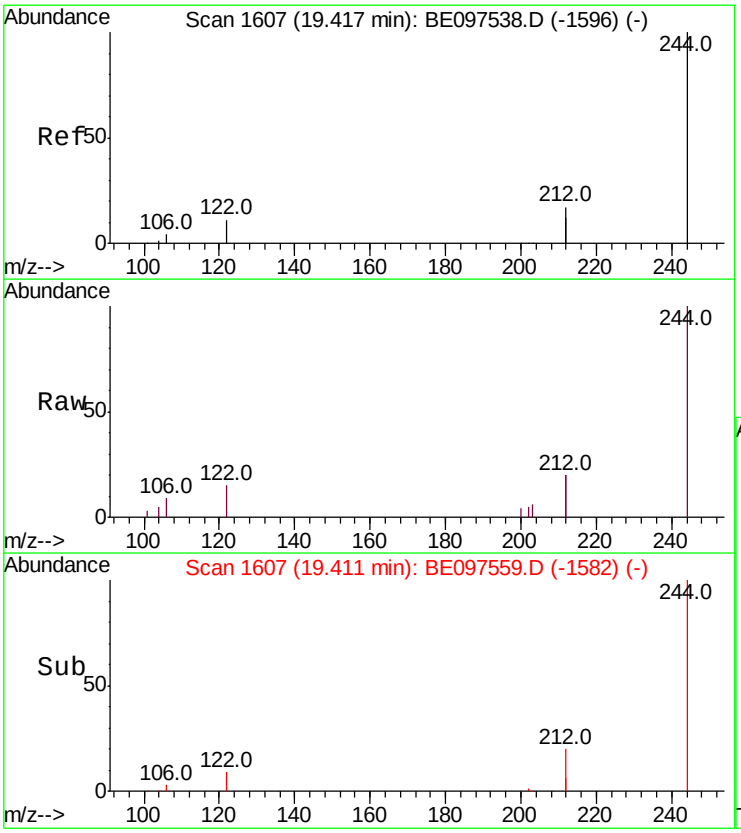

#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:240 Resp: 9635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 5.5 | 8.3# |
| 236 | 28.5 | 20.7 | 31.1 |

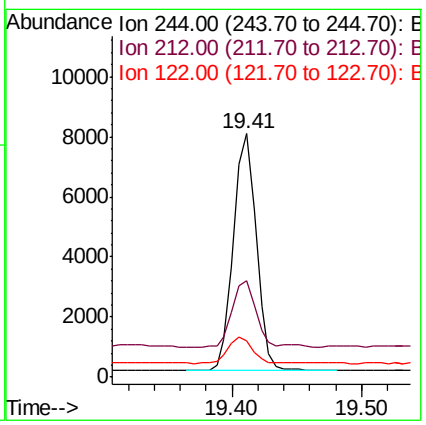


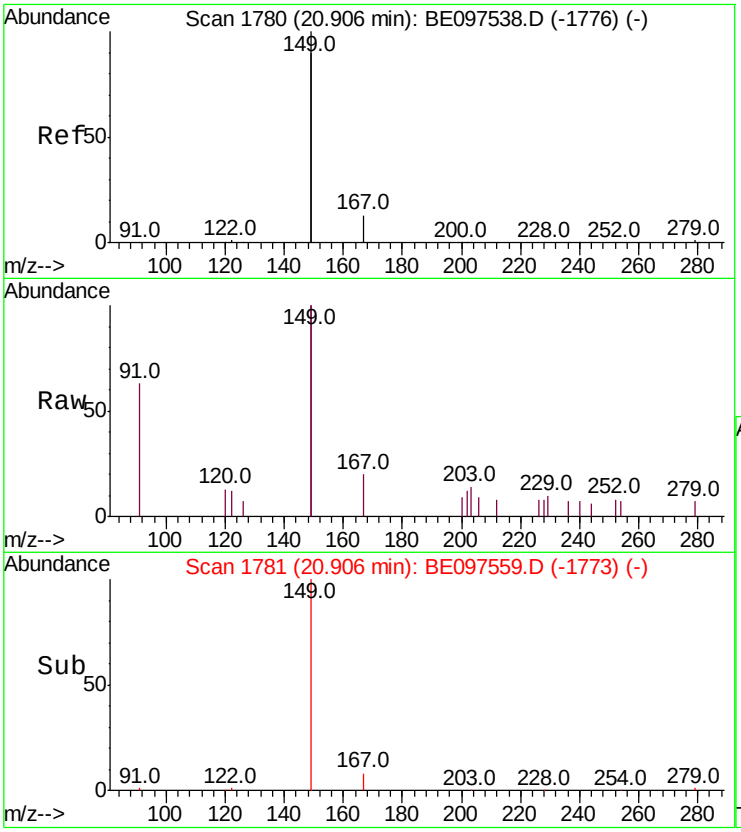




#29
Terphenyl-d14
Concen: 0.546 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:244 Resp: 9633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 39.7 | 25.4 | 38.0# |
| 122 | 15.0 | 8.1 | 12.1# |



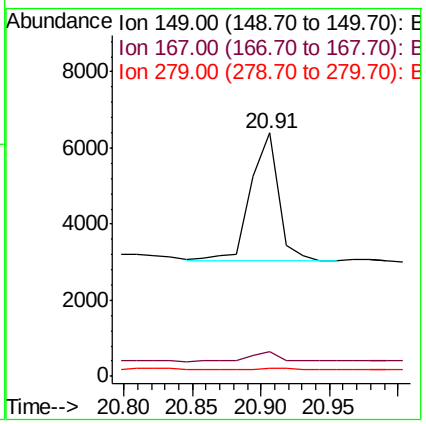


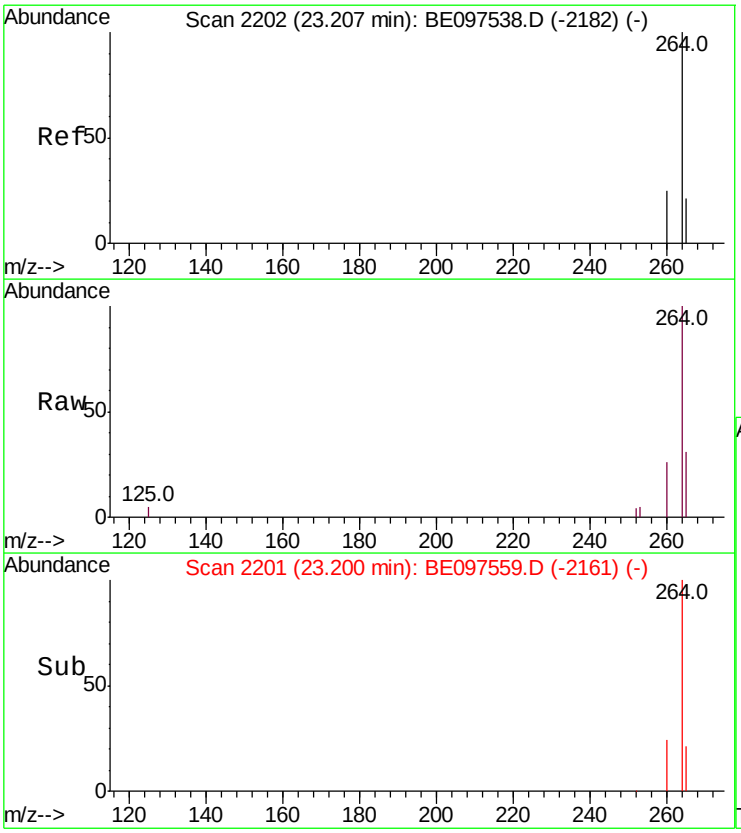

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

**Instrument :**
BNA_E
**ClientSampleId :**
BP-TT-AOC22-MW10-20180915

Tgt Ion:149 Resp: 4646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 8.5 | 5.4 | 8.0# |
| 279 | 2.6 | 0.7 | 1.1# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BE097559.D
Acq: 20 Sep 2018 2:48

Tgt Ion:264 Resp: 9756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 20.5 | 30.7 |
| 265 | 31.3 | 22.8 | 34.2 |