Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095924.D
Acq On : 2 Apr 2018 13:10
Operator : SJ/JU
Sample : J2083-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Apr 03 03:49:26 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.42 | 152 | 1189 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.26 | 136 | 4805 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.99 | 164 | 2851 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.70 | 188 | 6407 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.79 | 240 | 6974 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.42 | 264 | 6851 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.91 | 112 | 632 | 0.16 | ng | | 0.00 |
| 5) Phenol-d6 | 7.56 | 99 | 522 | 0.10 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.59 | 82 | 2406 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.79 | 152 | 3290 | 0.41 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.46 | 330 | 721 | 0.44 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.63 | 172 | 5735 | 0.48 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.68 | 212 | 37743 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.24 | 244 | 7717 | 0.52 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Naphthalene | 11.31 | 128 | 1138 | 0.021 | ng | # | 82 |
| 12) 2-Methylnaphthalene | 12.86 | 142 | 218 | 0.023 | ng | # | 86 |
| 22) Pentachlorophenol | 17.36 | 266 | 48 | 0.164 | ng | | 94 |
| 23) Phenanthrene | 17.74 | 178 | 840 | 0.044 | ng | | 99 |
| 24) Anthracene | 17.84 | 178 | 389 | 0.020 | ng | | 94 |
| 26) Fluoranthene | 19.71 | 202 | 705 | 0.026 | ng | # | 90 |
| 28) Pyrene | 20.06 | 202 | 824 | 0.029 | ng | # | 84 |
| 32) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 6822 | 0.092 | ng | # | 98 |

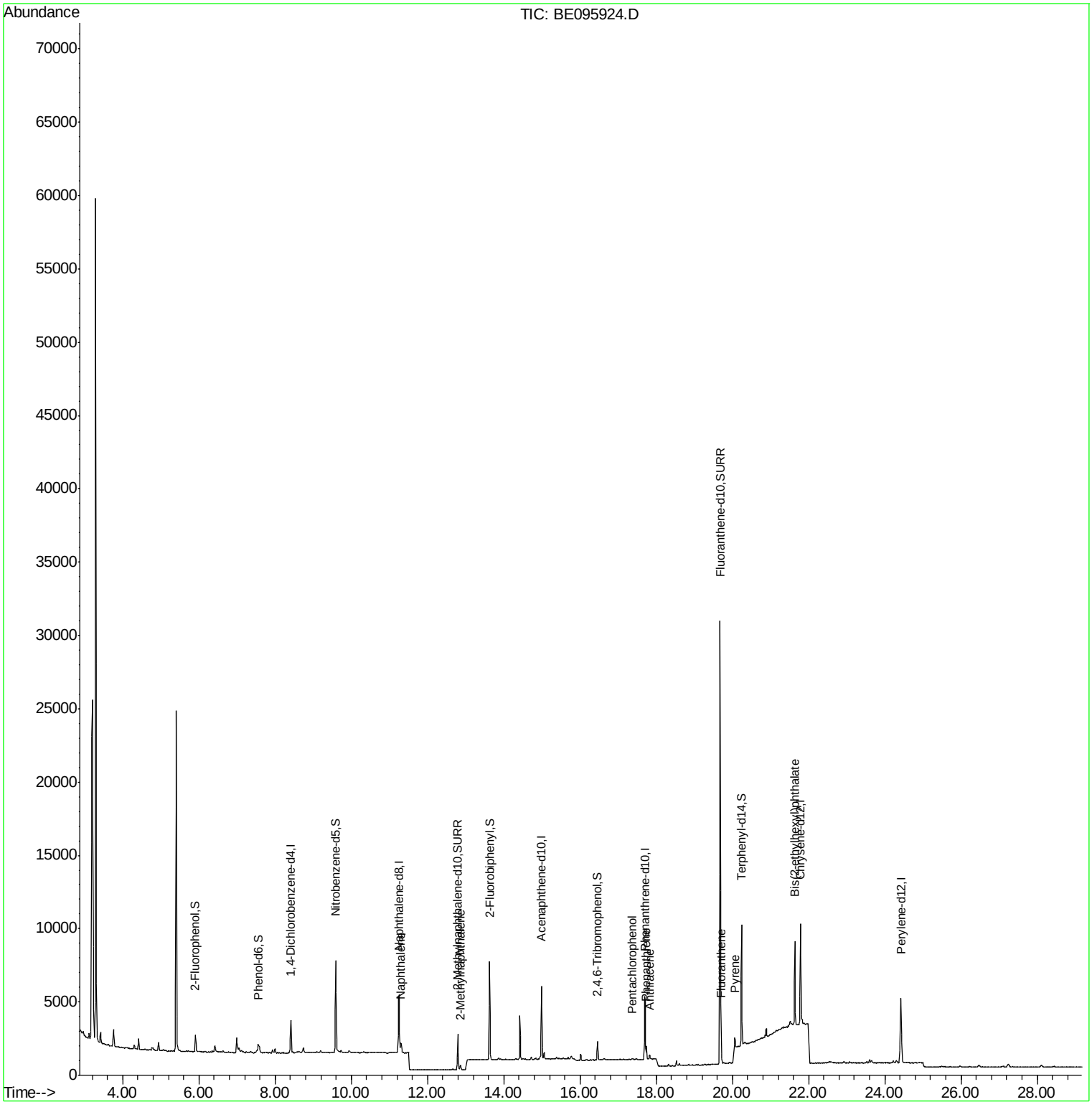
(#) = qualifier out of range (m) = manual integration (+) = signals summed

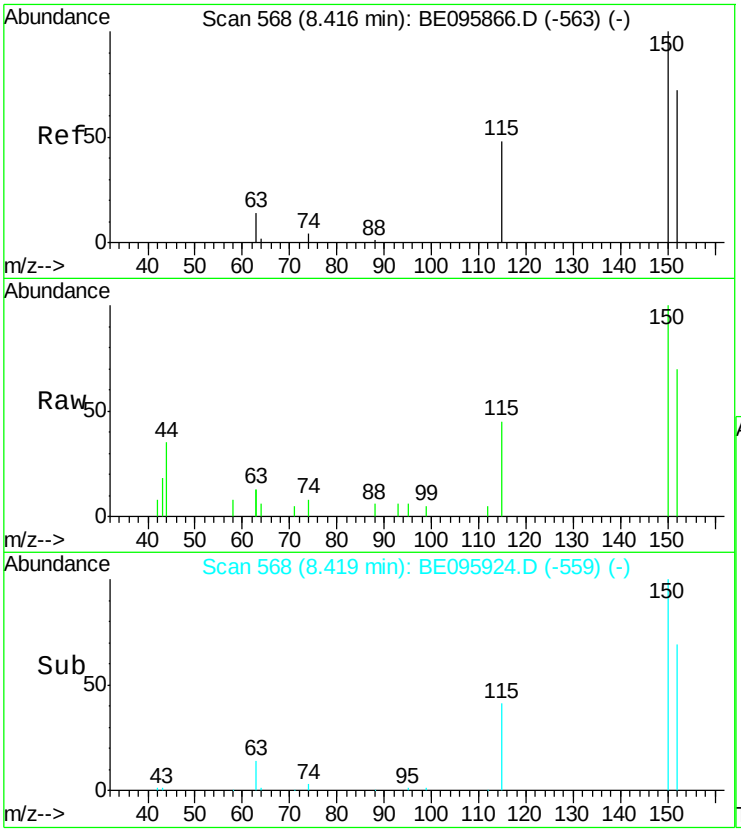
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095924.D
Acq On : 2 Apr 2018 13:10
Operator : SJ/JU
Sample : J2083-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Apr 03 03:49:26 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



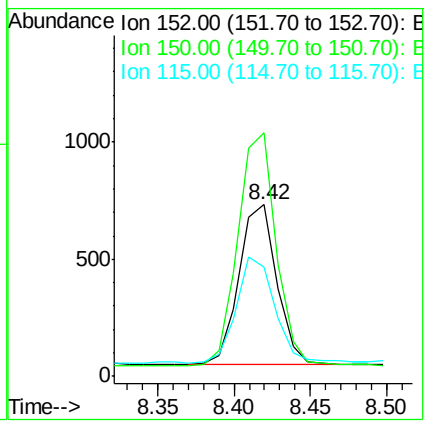


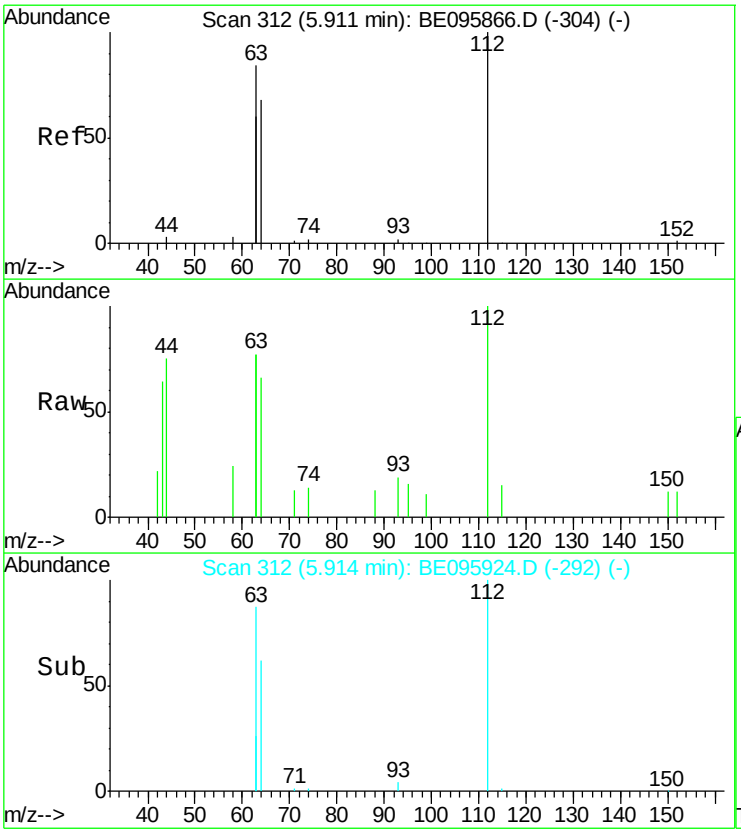

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 1189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.9 | 117.2 | 175.8 |
| 115 | 63.9 | 57.0 | 85.6 |

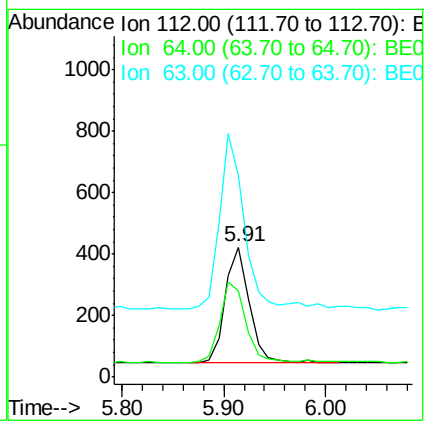


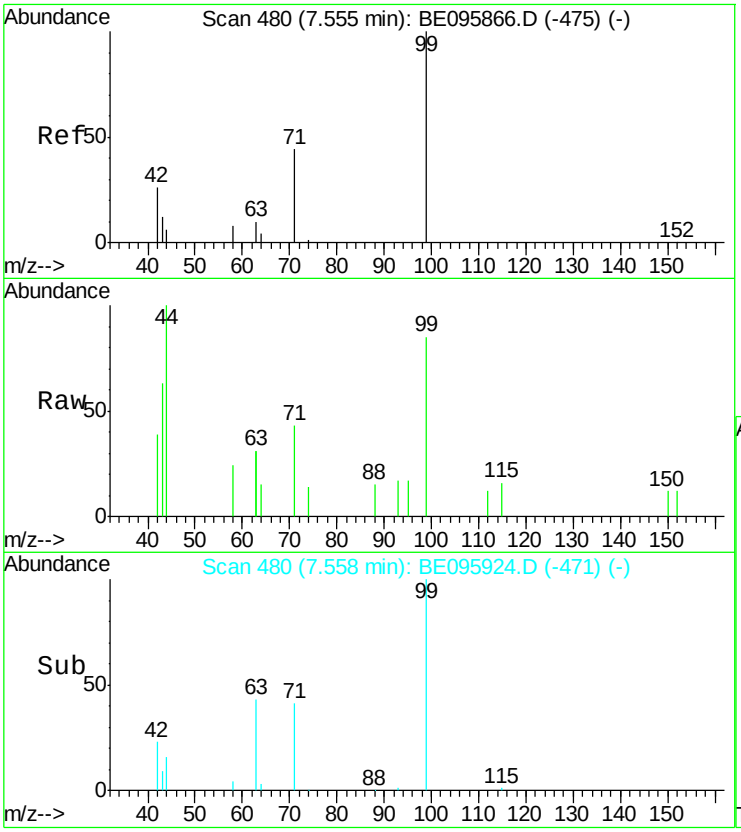




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:112 Resp: 632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.9 | 60.1 | 90.1 |
| 63 | 151.7 | 116.8 | 175.2 |



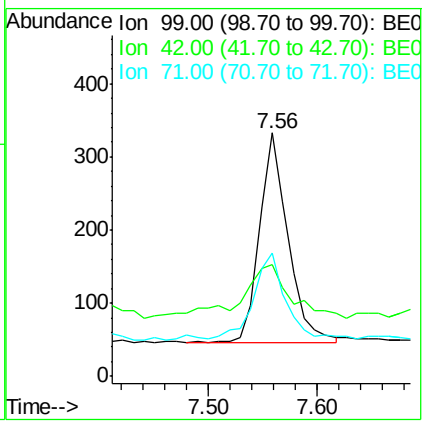


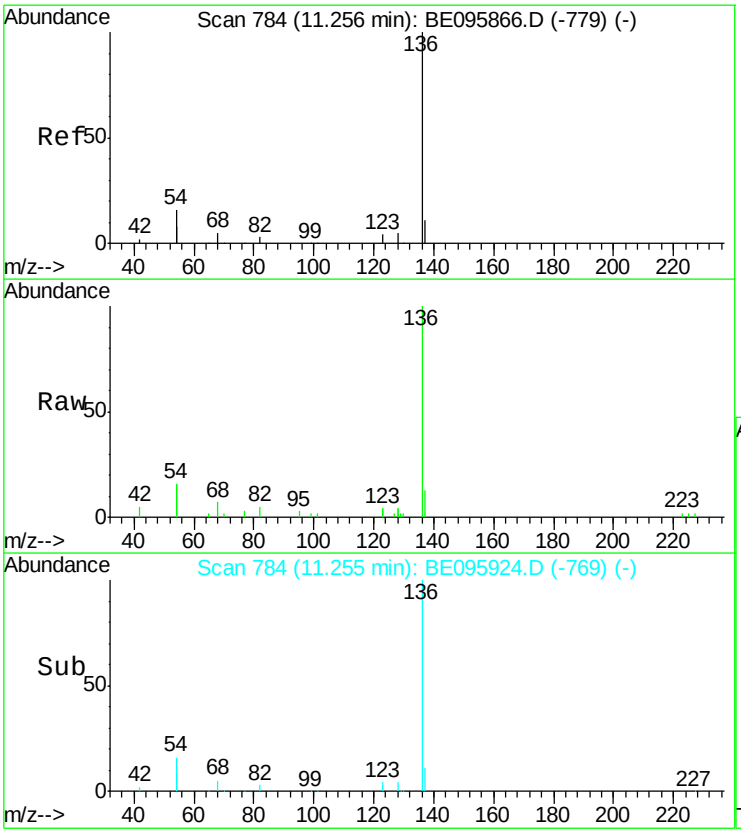

#5
Phenol-d6
Concen: 0.097 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 99 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 31.6 | 20.2 | 30.2# |
| 71 | 45.0 | 28.4 | 42.6# |

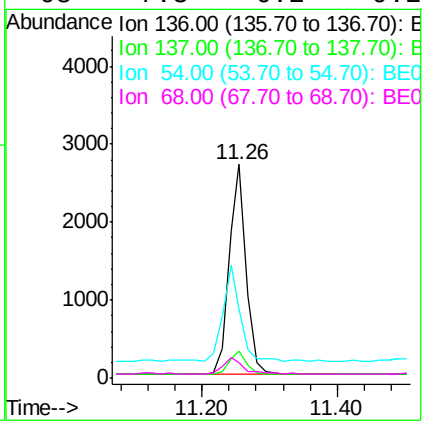


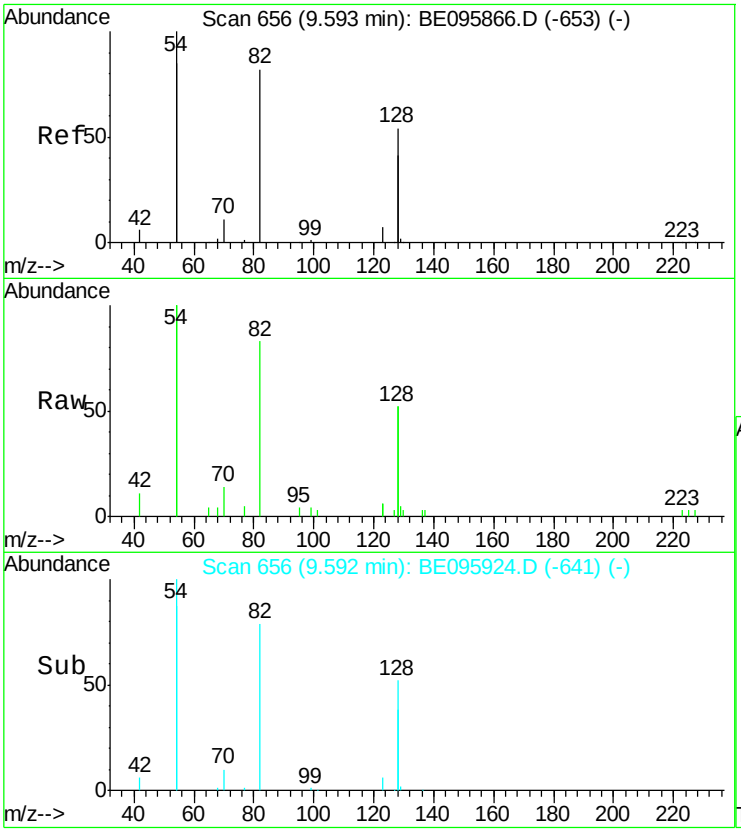




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:136 Resp: 4805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 9.5 | 14.3 |
| 54 | 32.1 | 29.1 | 43.7 |
| 68 | 7.3 | 6.2 | 9.2 |



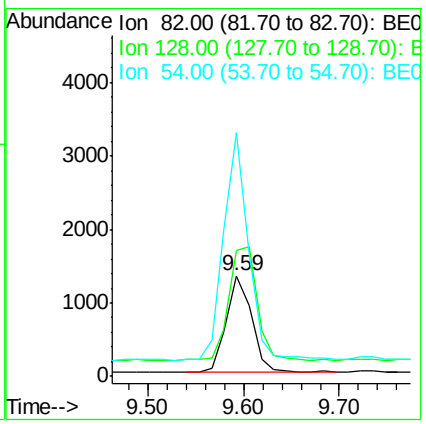


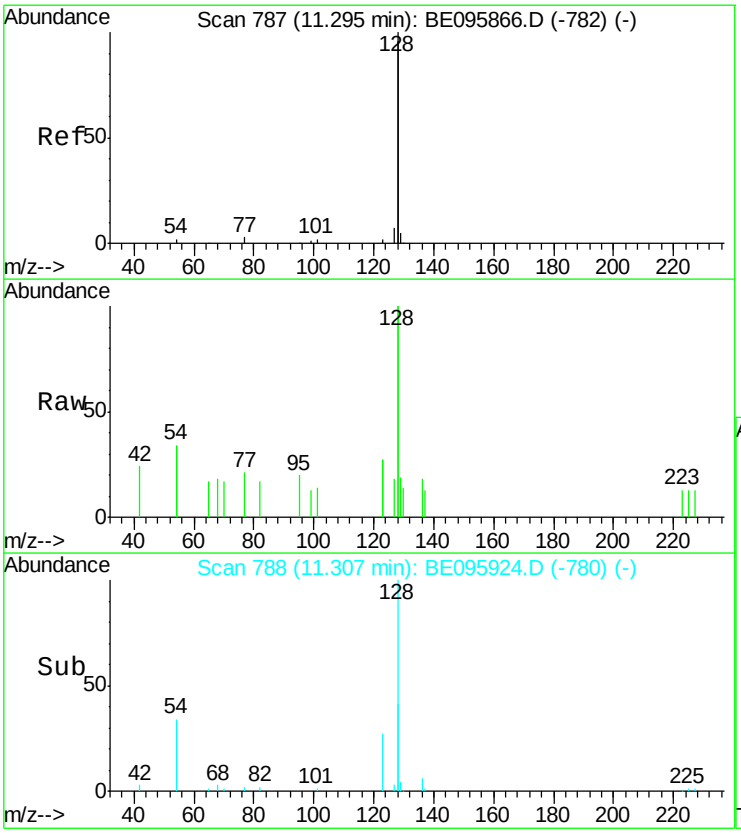

#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 9.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 82 Resp: 2406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 125.2 | 150.0 | 225.0# |
| 54 | 241.9 | 154.2 | 231.4# |

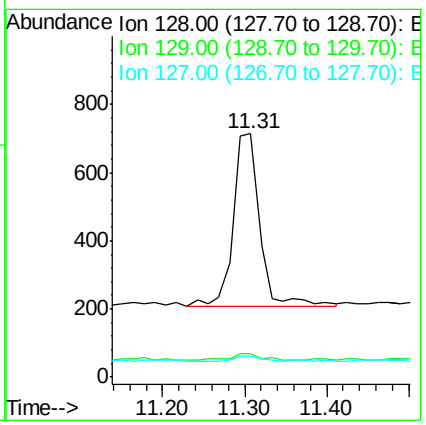


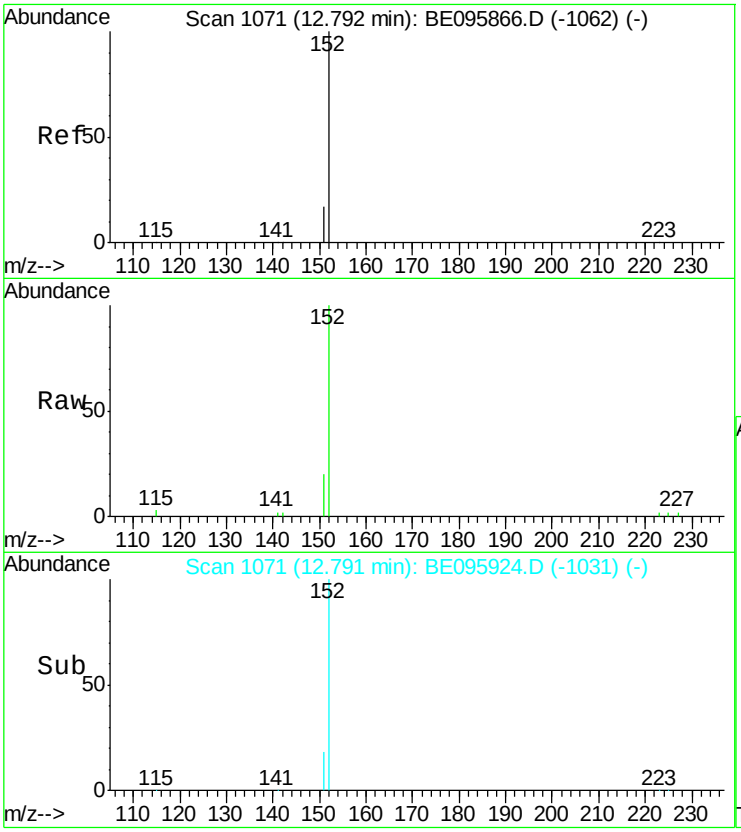




#9
Naphthalene
Concen: 0.021 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:128 Resp: 1138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.7 | 2.6 | 3.8# |
| 127 | 8.8 | 2.8 | 4.2# |



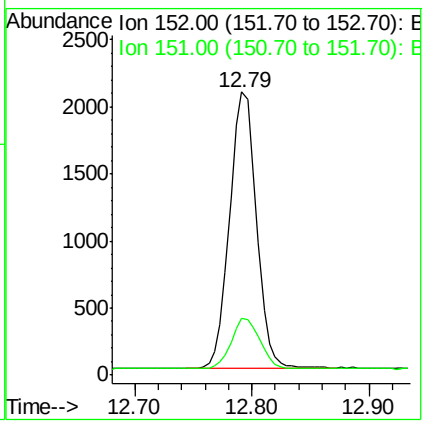


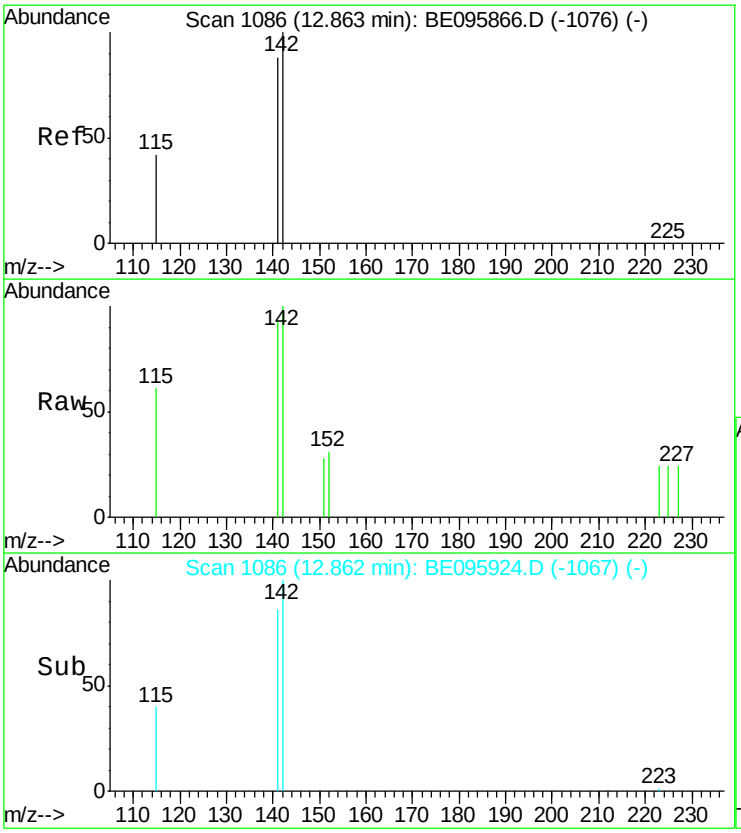

#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 3290

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

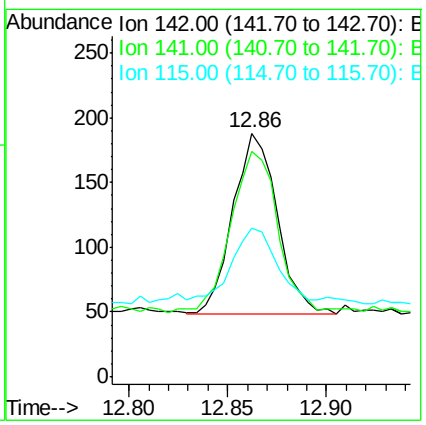


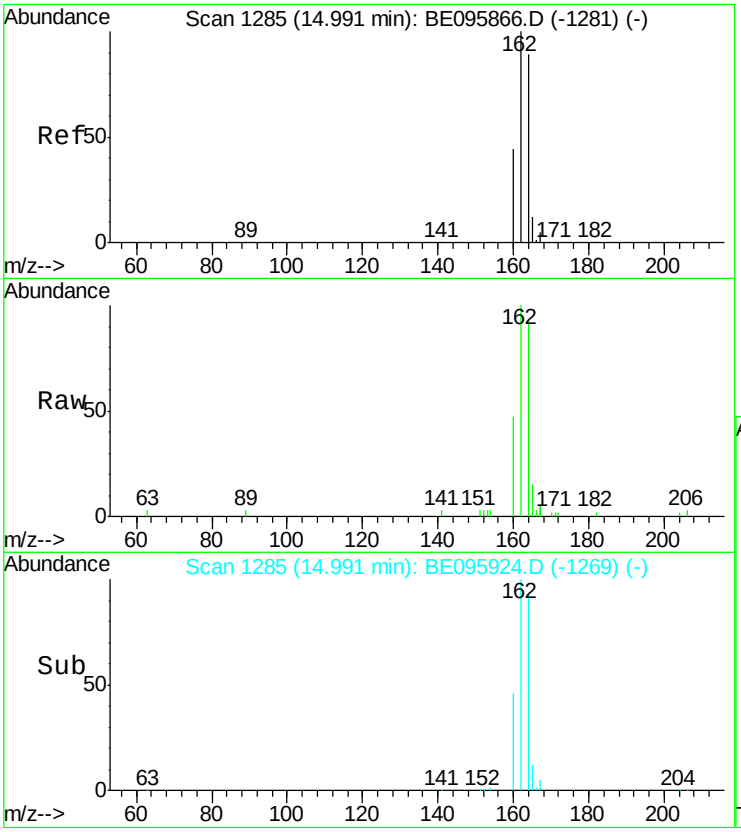




#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:142 Resp: 218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.6 | 70.4 | 105.6 |
| 115 | 61.2 | 31.7 | 47.5# |



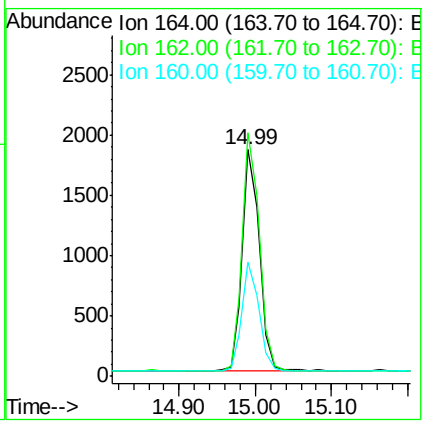


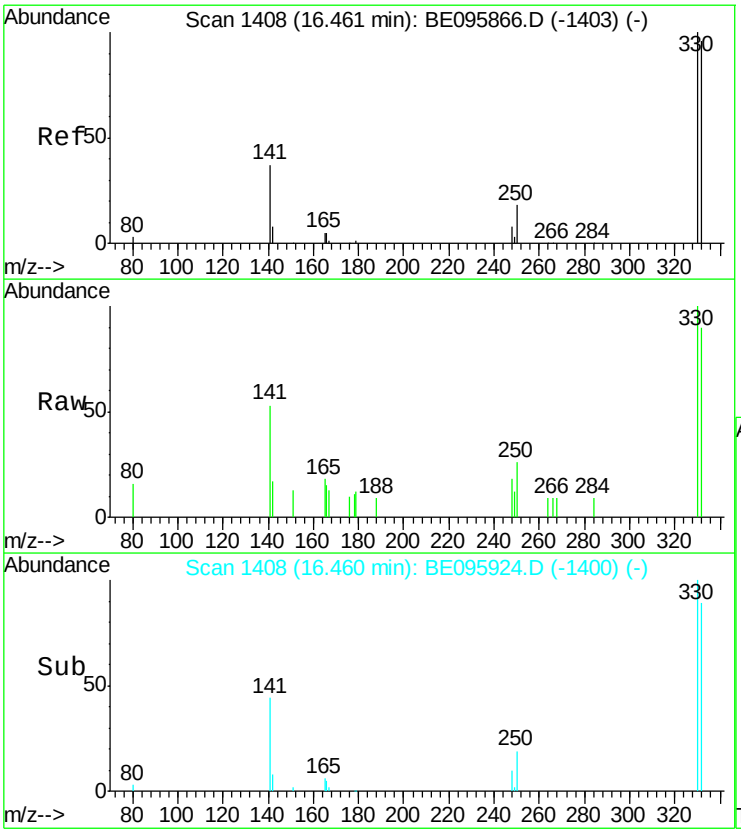

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:164 Resp: 2851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.4 | 83.1 | 124.7 |
| 160 | 50.5 | 37.1 | 55.7 |

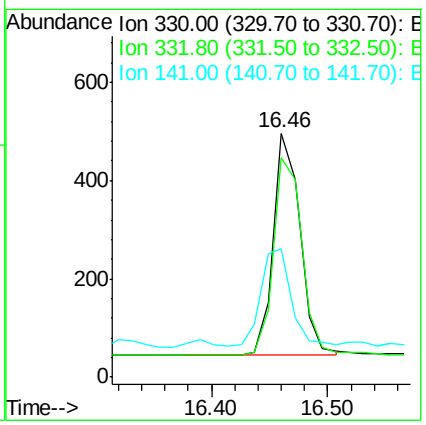


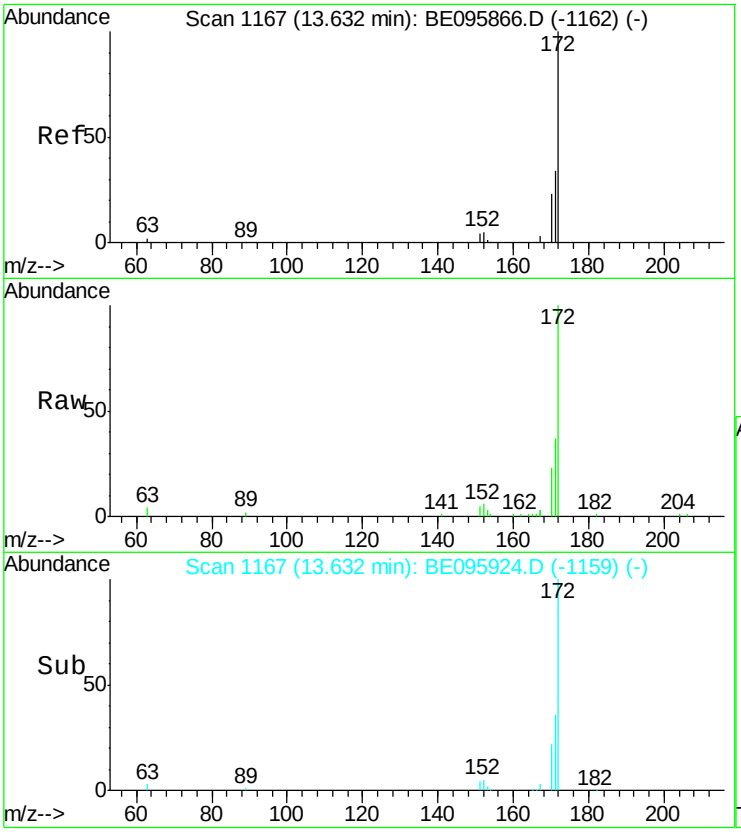




#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:330 Resp: 721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.0 | 152.7 | 229.1# |
| 141 | 50.5 | 33.7 | 50.5 |



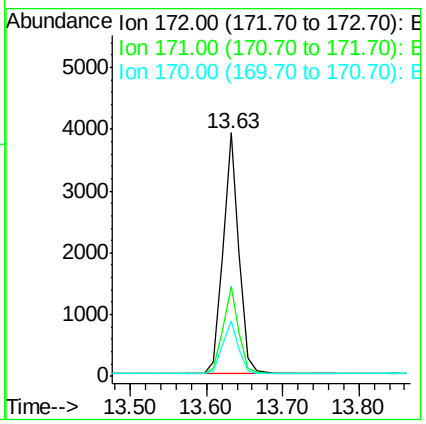


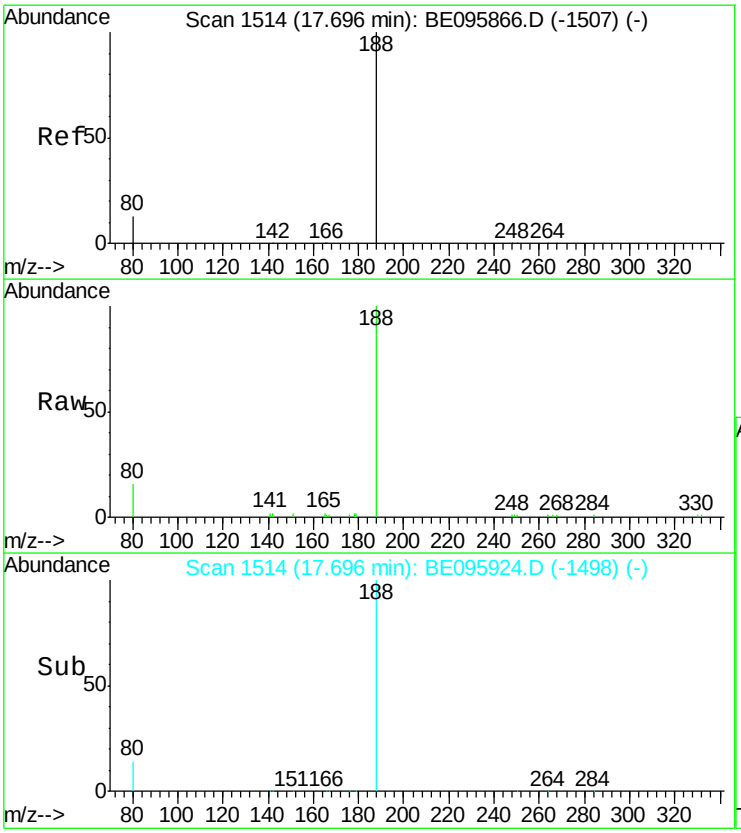

#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:172 Resp: 5735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.9 | 44.9 |
| 170 | 22.6 | 21.8 | 32.8 |

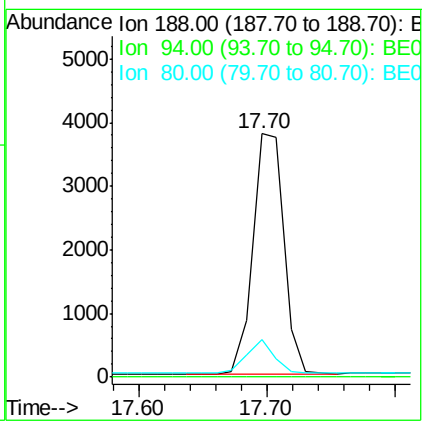


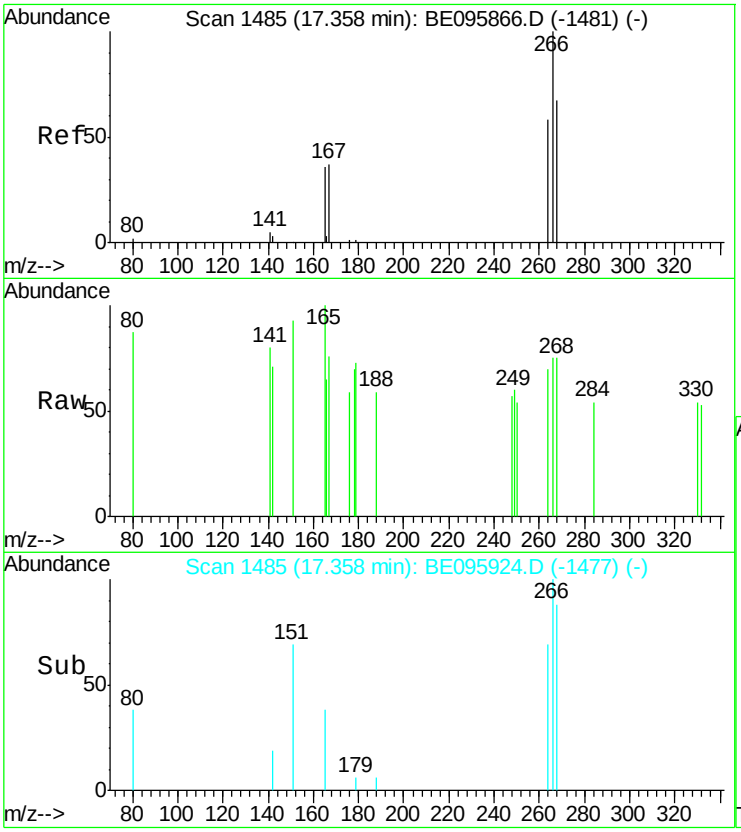




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:188 Resp: 6407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 15.5 | 3.6 | 5.4# |



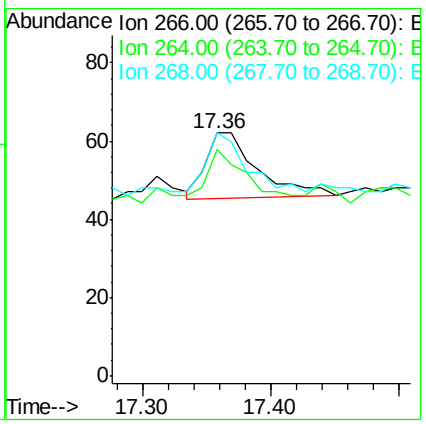


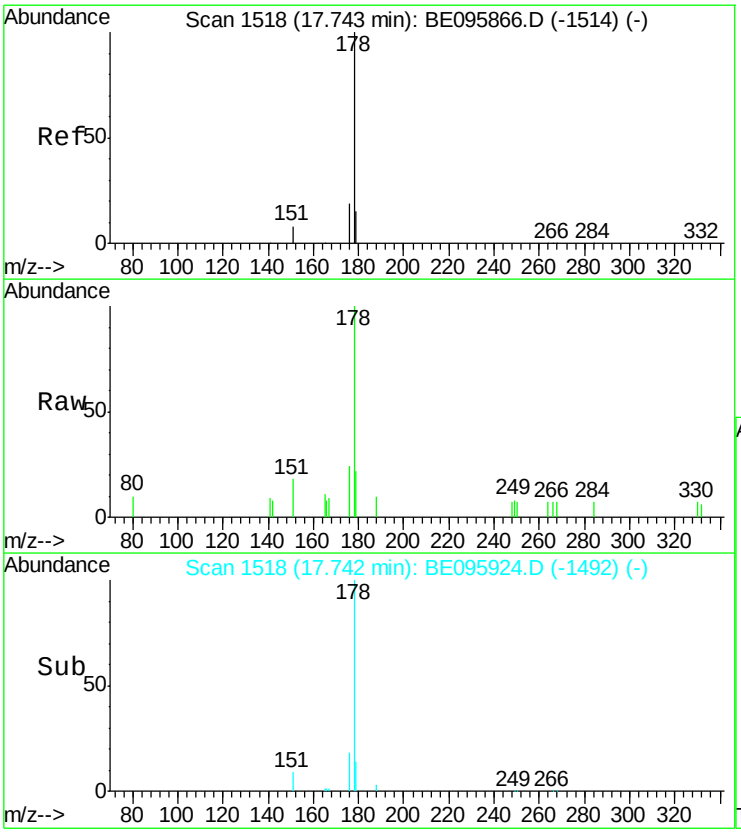

#22
Pentachlorophenol
Concen: 0.164 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:266 Resp: 48

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 93.5 | 72.5 | 108.7 |
| 268 | 100.0 | 73.8 | 110.6 |

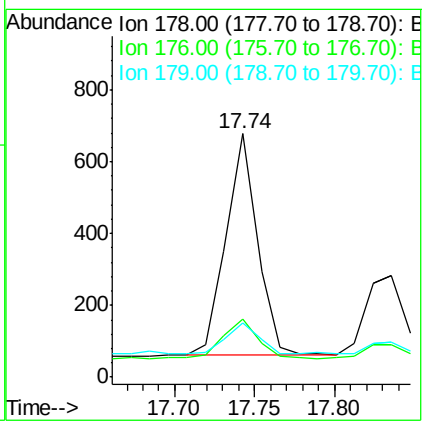


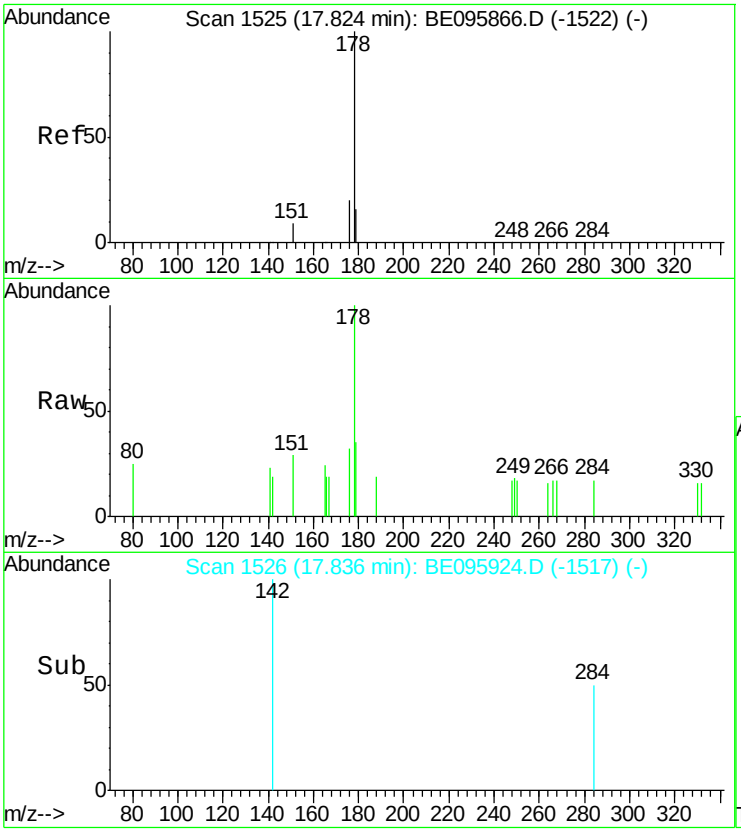




#23
Phenanthrene
Concen: 0.044 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:178 Resp: 840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.1 | 22.7 |
| 179 | 13.9 | 11.8 | 17.6 |



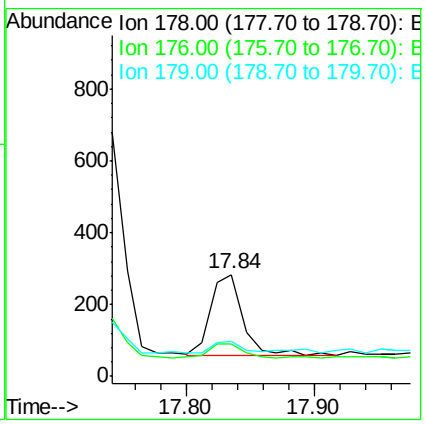


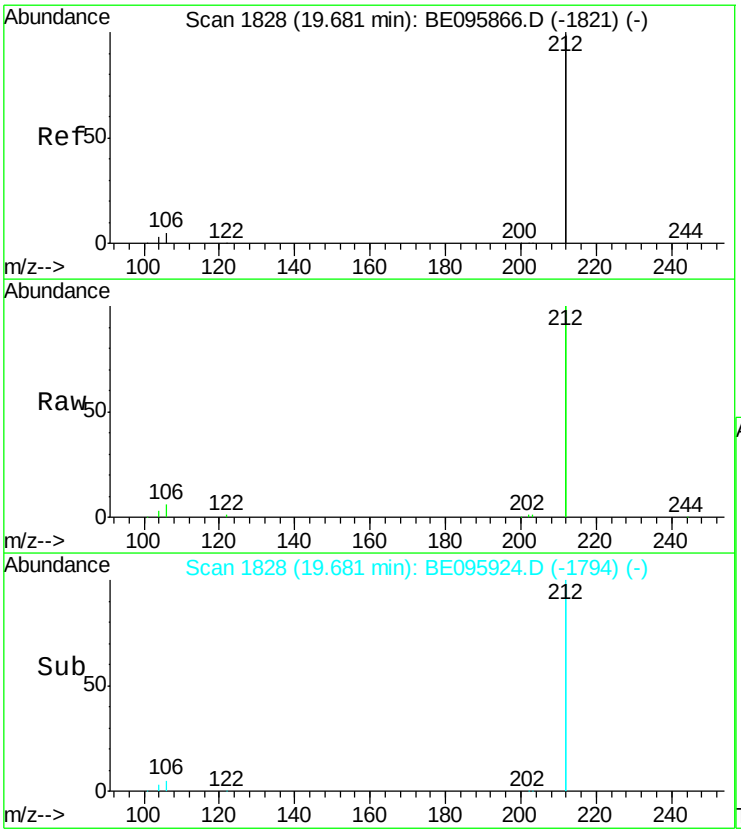

#24
Anthracene
Concen: 0.020 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:178 Resp: 389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 12.8 | 19.2 |
| 179 | 13.6 | 13.0 | 19.6 |

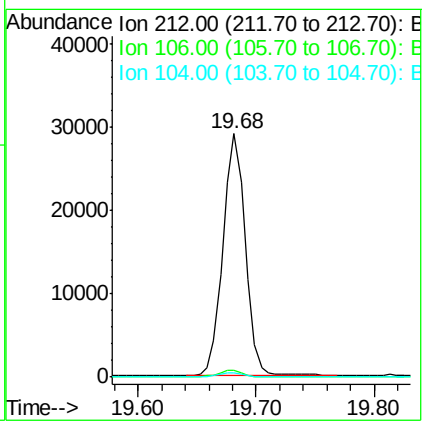


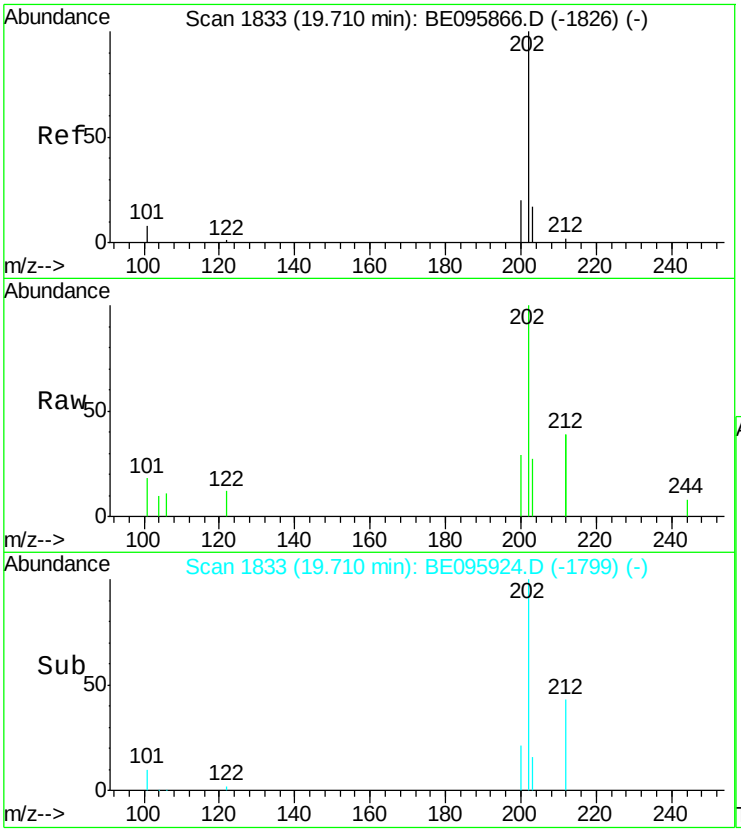




#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:212 Resp: 37743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.8 | 4.2 |
| 104 | 1.7 | 1.6 | 2.4 |



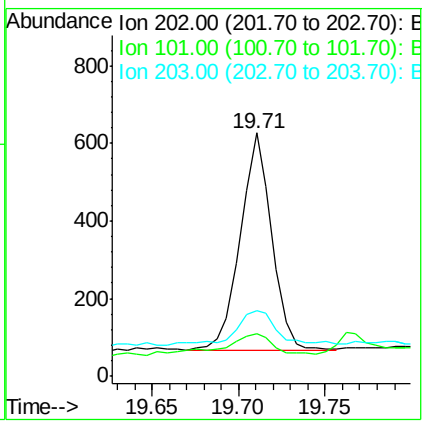


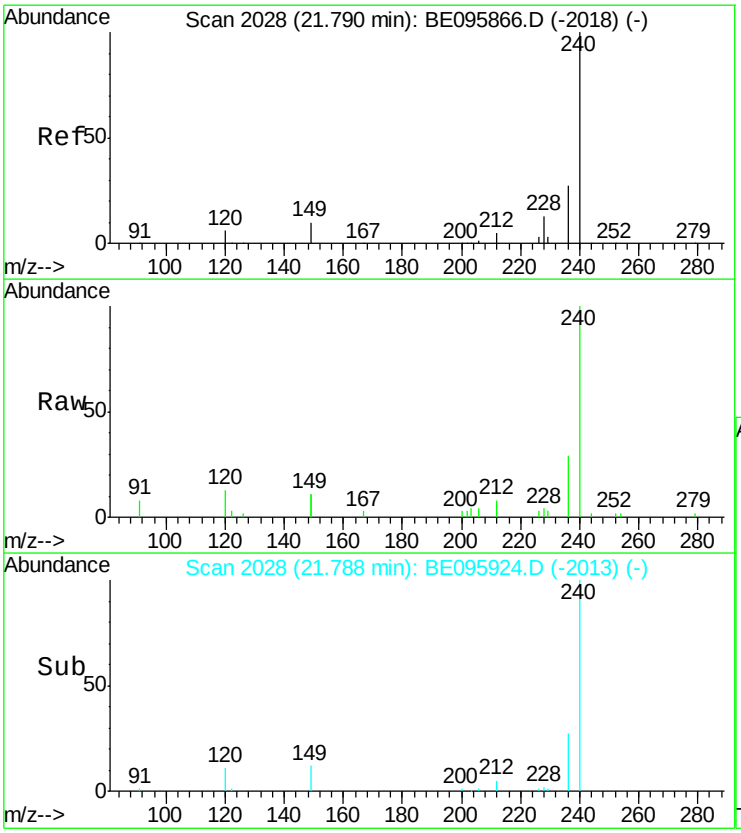

#26
Fluoranthene
Concen: 0.026 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:202 Resp: 705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.3 | 9.8 | 14.8# |
| 203 | 21.8 | 13.7 | 20.5# |

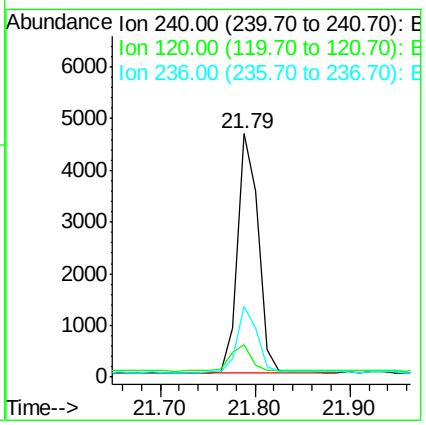


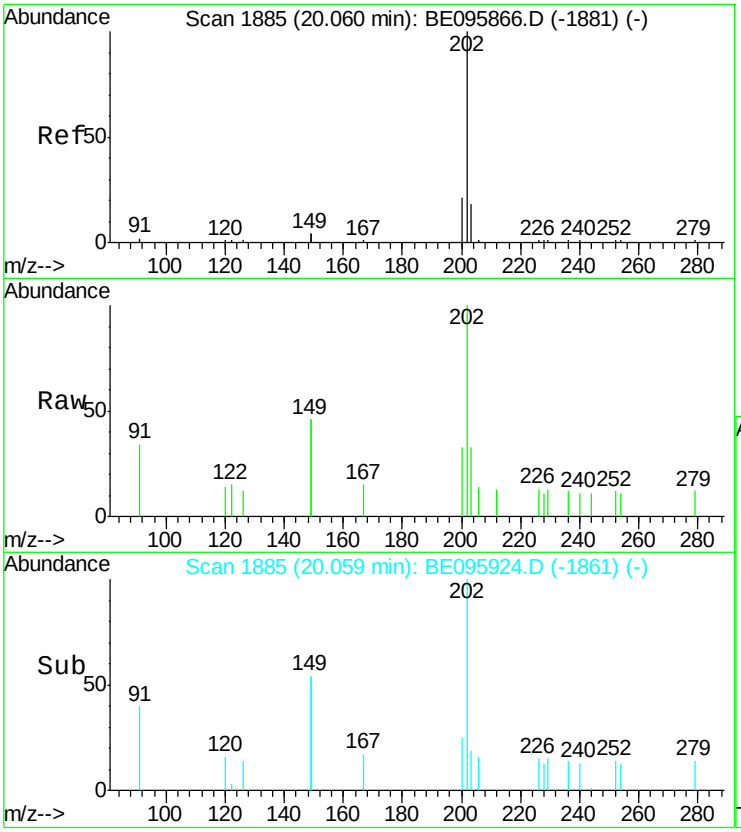




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:240 Resp: 6974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.2 | 5.5 | 8.3# |
| 236 | 28.8 | 20.7 | 31.1 |



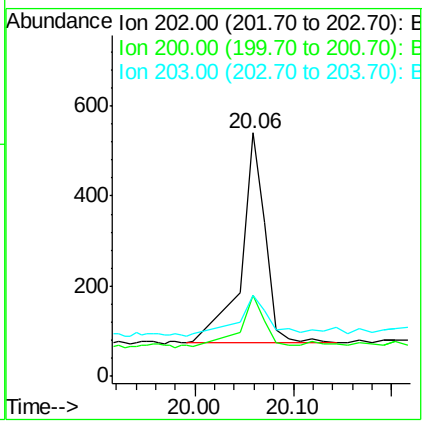


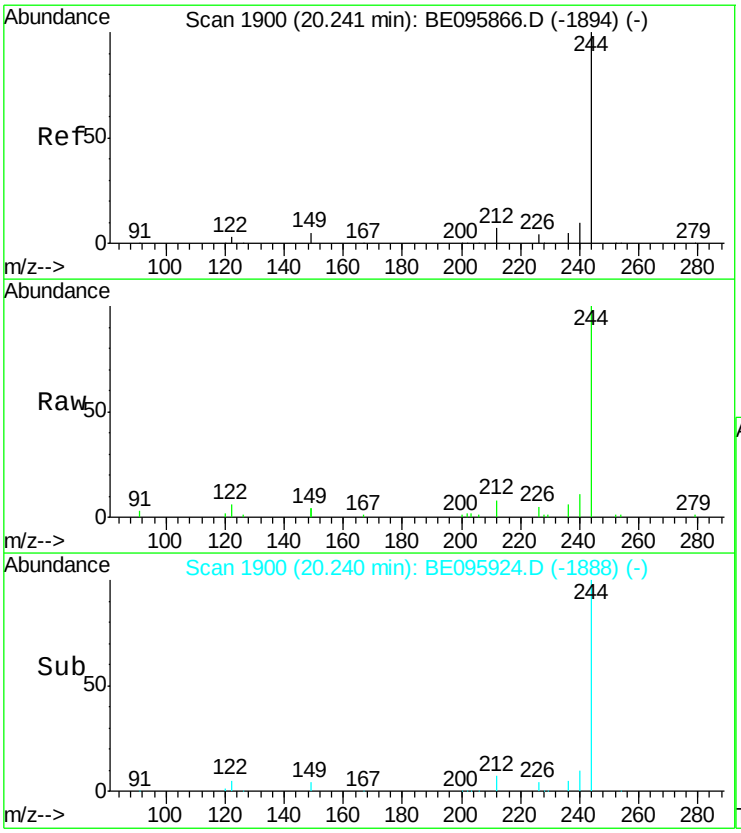

#28
Pyrene
Concen: 0.029 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:202 Resp: 824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.0 | 16.6 | 25.0# |
| 203 | 28.0 | 13.8 | 20.8# |

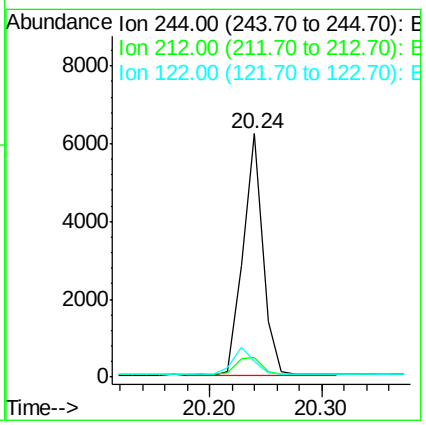


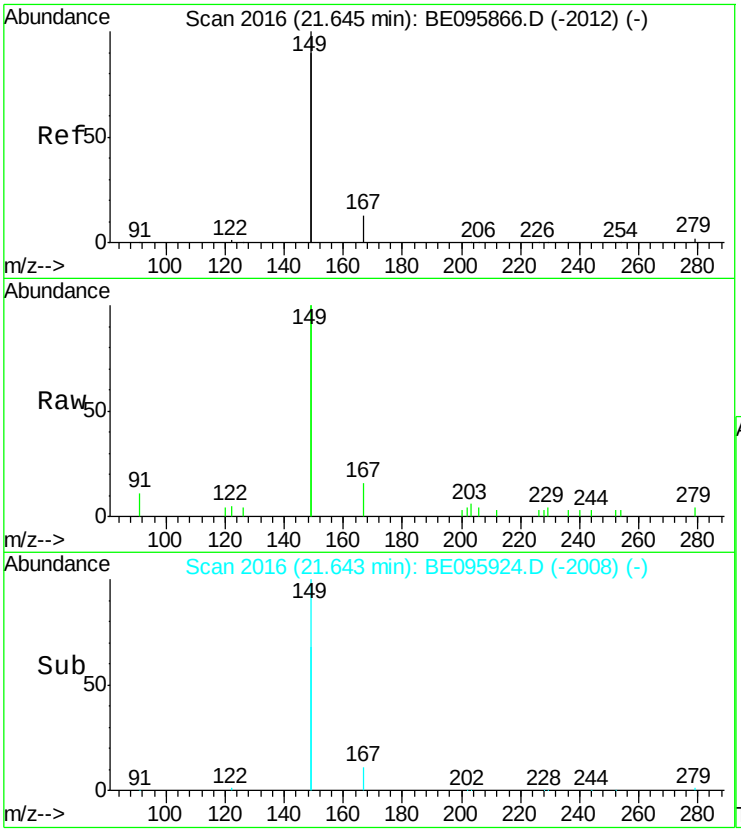




#29
Terphenyl-d14
Concen: 0.521 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:244 Resp: 7717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 25.4 | 38.0# |
| 122 | 6.4 | 8.1 | 12.1# |



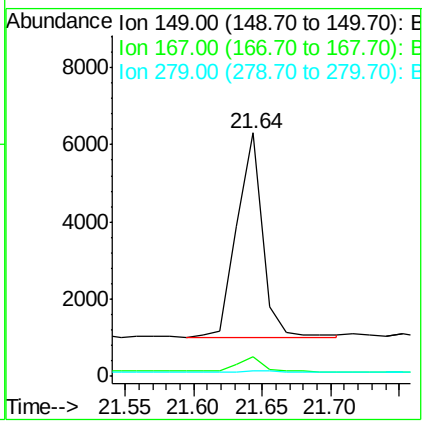


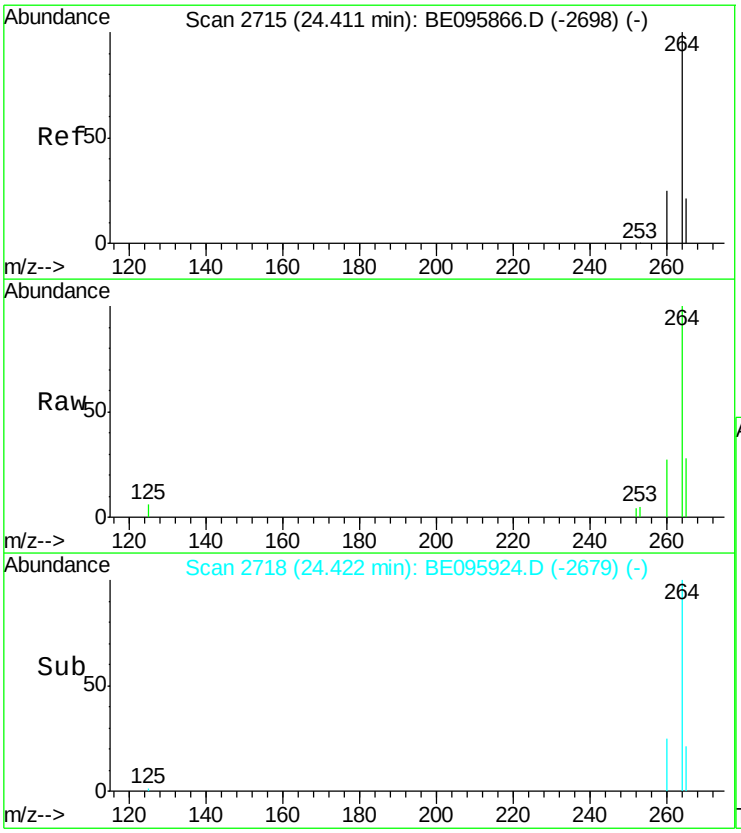

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:149 Resp: 6822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.5 | 5.4 | 8.0 |
| 279 | 1.1 | 0.7 | 1.1# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BE095924.D
Acq: 2 Apr 2018 13:10

Tgt Ion:264 Resp: 6851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.9 | 20.5 | 30.7 |
| 265 | 27.9 | 22.8 | 34.2 |