Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
Data File : BE097940.D
Acq On : 17 Oct 2018 10:17
Operator : SJ/JU
Sample : J5393-09DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** RE-137-745FT-2018109DL

Quant Time: Oct 17 16:58:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 2951 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.68 | 136 | 13018 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 9019 | 0.40 | ng | | -0.02 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 26770 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.47 | 240 | 27676 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 24.03 | 264 | 21593 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.46 | 112 | 540 | 0.06 | ng | | -0.01 |
| 5) Phenol-d6 | 7.05 | 99 | 612 | 0.04 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.04 | 82 | 1814 | 0.15 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 3255 | 0.15 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.04 | 330 | 612 | 0.13 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.17 | 172 | 5566 | 0.15 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.33 | 212 | 54240 | 0.15 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.92 | 244 | 16554 | 0.26 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.38 | 88 | 10959 | 2.130 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 269 | 0.023 | ng | # | 88 |
| 22) Pentachlorophenol | 16.99 | 266 | 35 | 0.040 | ng | # | 61 |
| 32) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 7453 | Below Cal | | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.73 | 276 | 14 | Below Cal | | # | 53 |

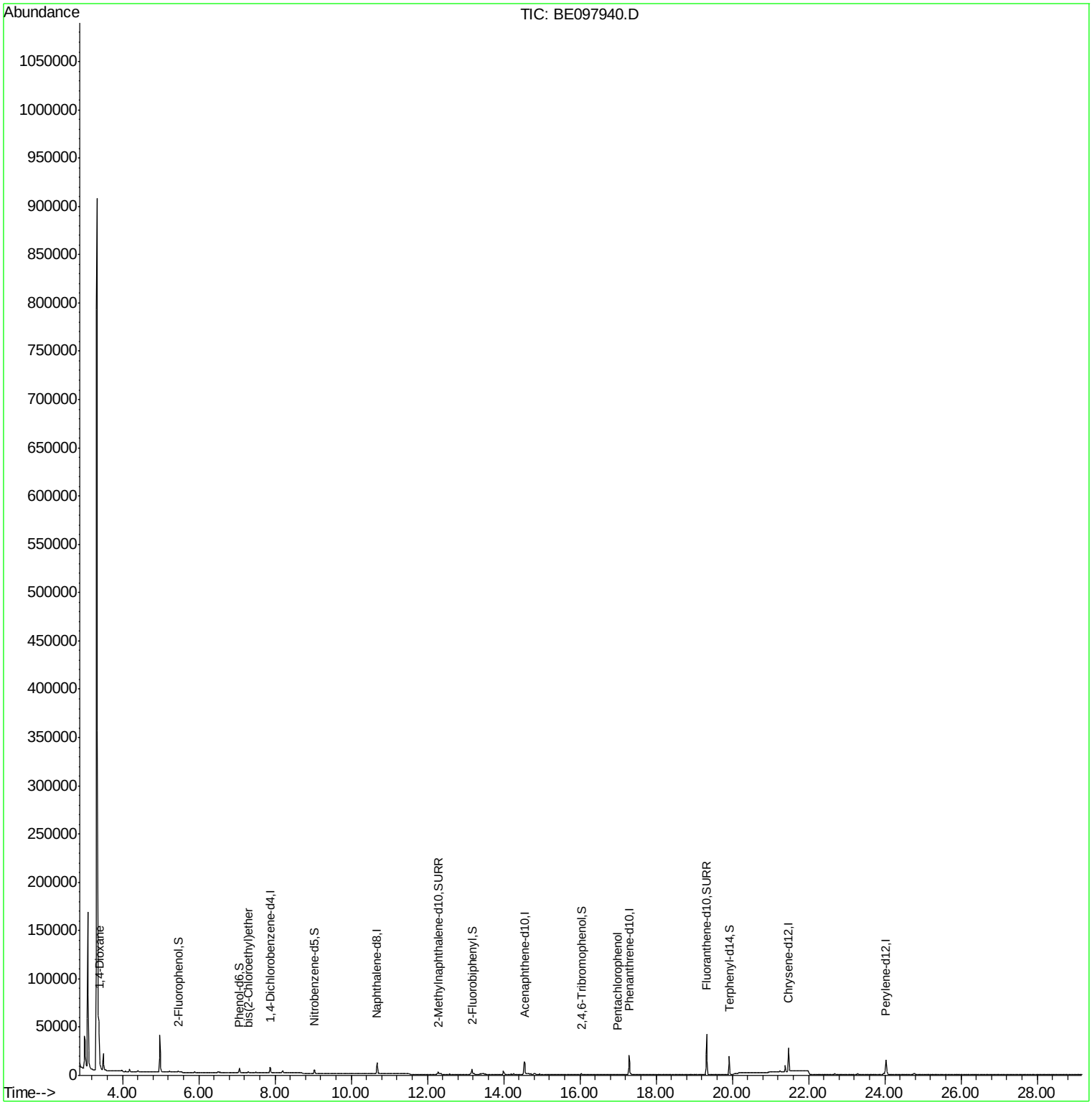
(#) = qualifier out of range (m) = manual integration (+) = signals summed

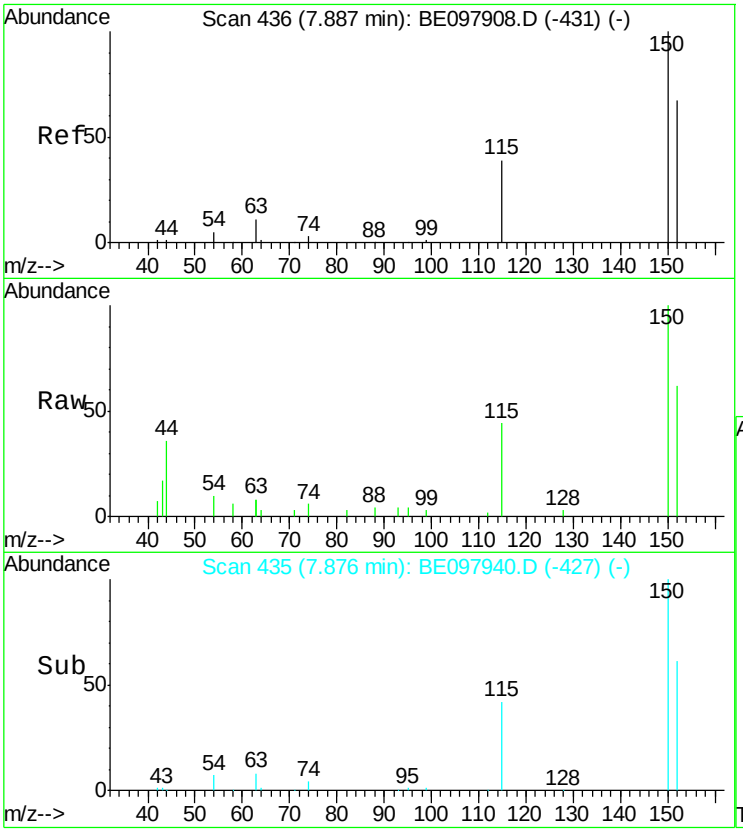
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
Data File : BE097940.D
Acq On : 17 Oct 2018 10:17
Operator : SJ/JU
Sample : J5393-09DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Quant Time: Oct 17 16:58:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



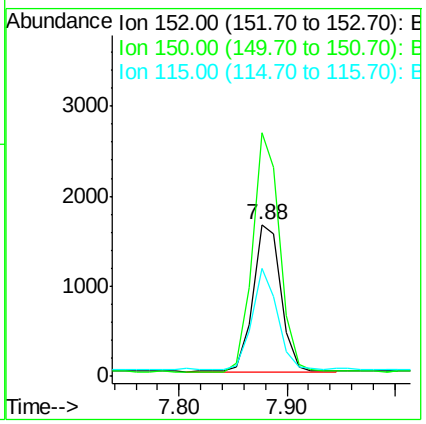


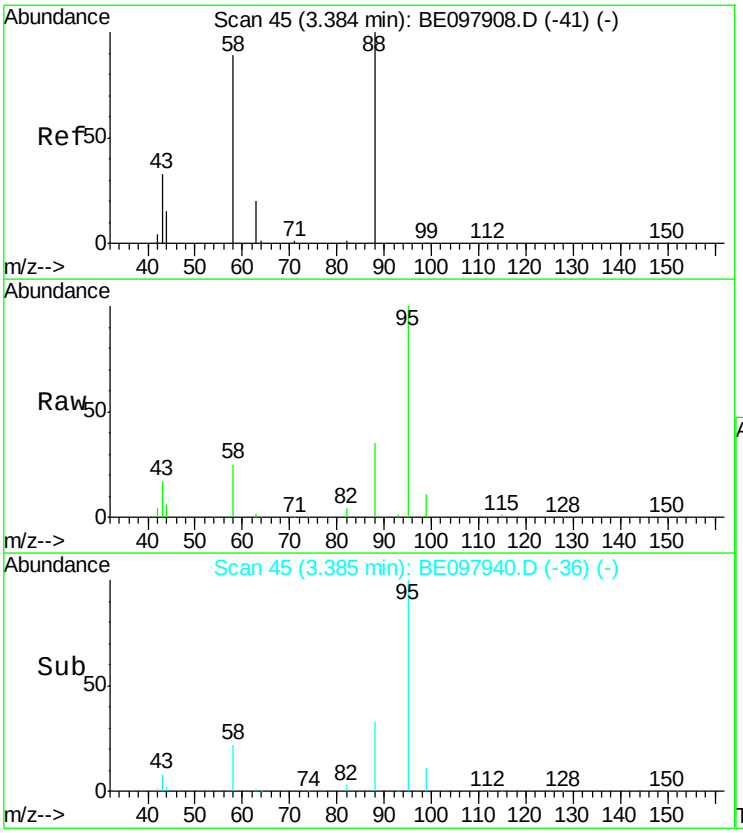

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:152 Resp: 2951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.5 | 118.2 | 177.4 |
| 115 | 70.8 | 50.9 | 76.3 |

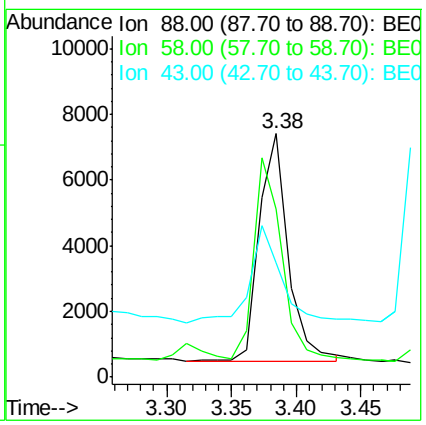


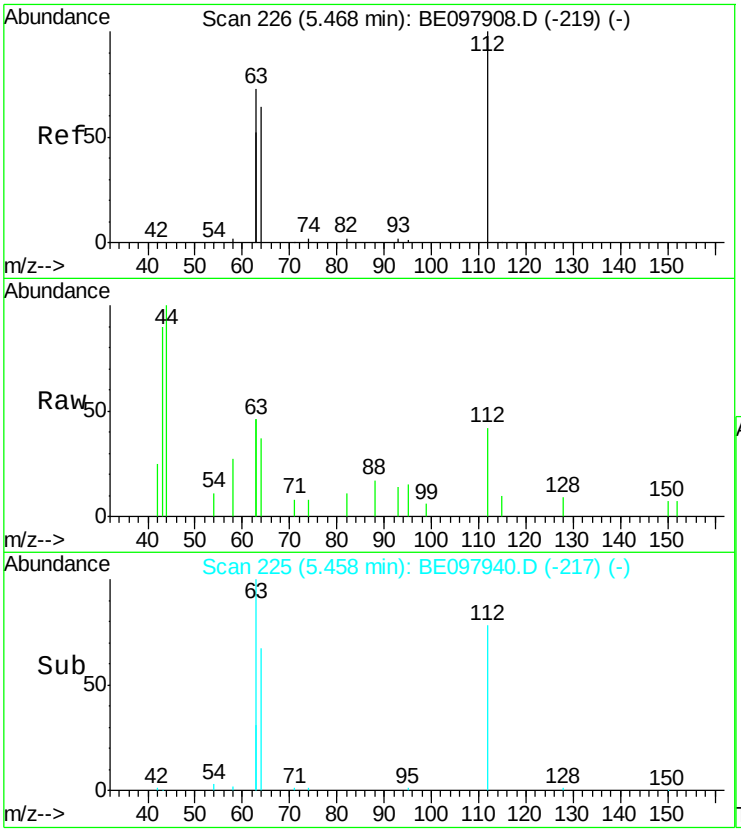




#2
1,4-Dioxane
Concen: 2.130 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion: 88 Resp: 10959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.9 | 73.2 | 109.8 |
| 43 | 45.8 | 36.9 | 55.3 |



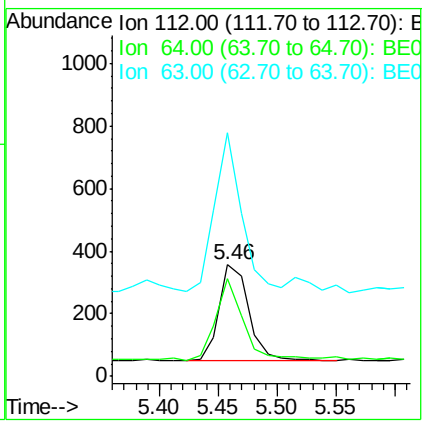


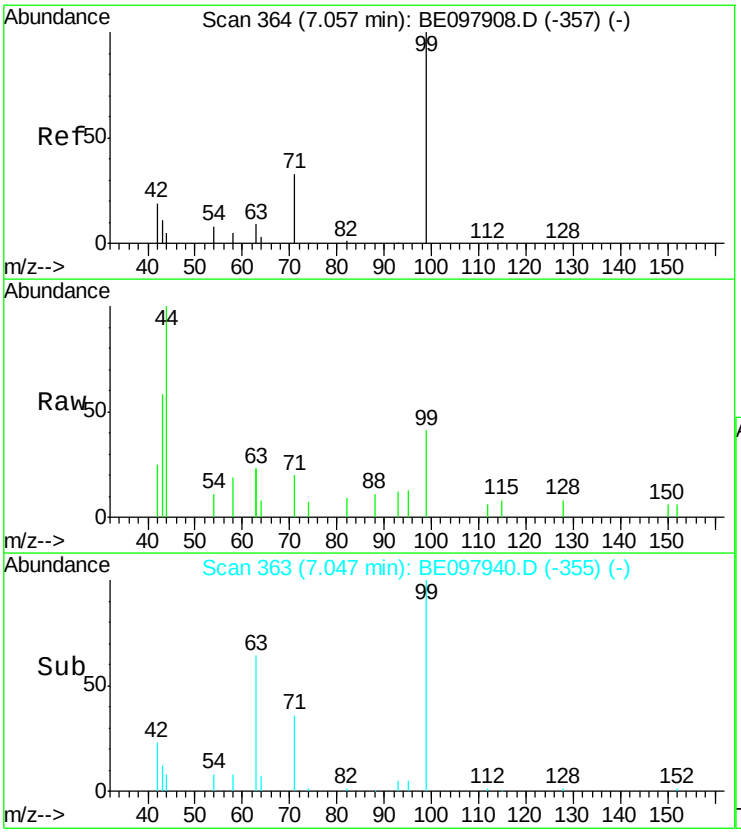

#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:112 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.9 | 58.9 | 88.3 |
| 63 | 148.5 | 120.3 | 180.5 |

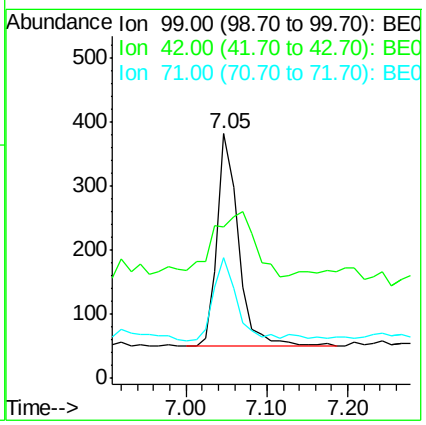


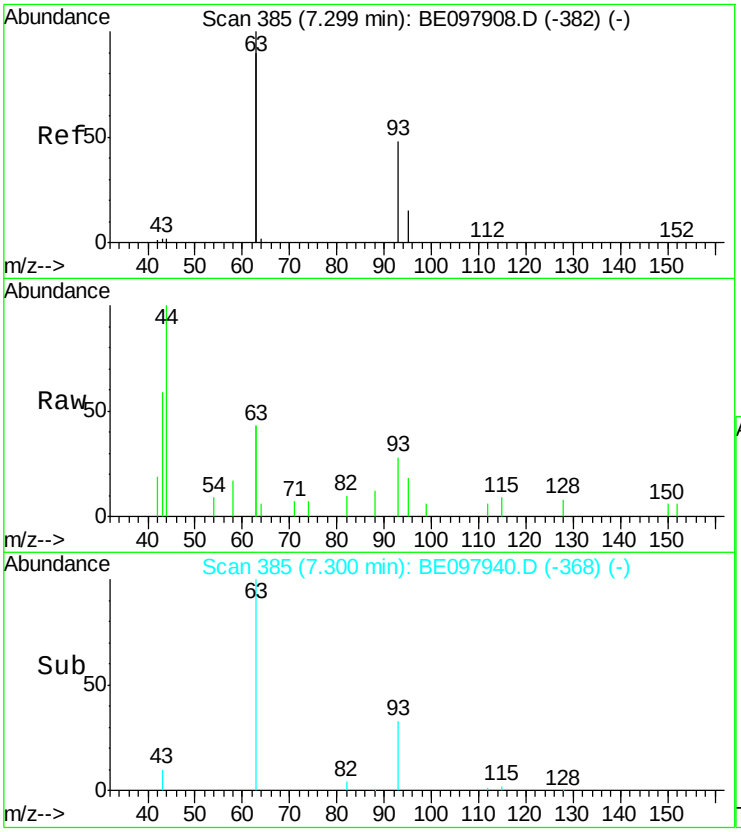




#5
Phenol-d6
Concen: 0.045 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion: 99 Resp: 612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 19.9 | 29.9# |
| 71 | 42.2 | 27.8 | 41.8# |



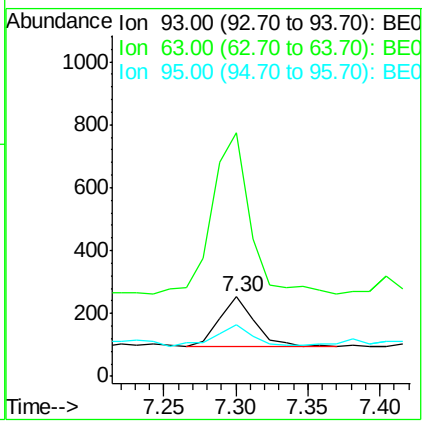


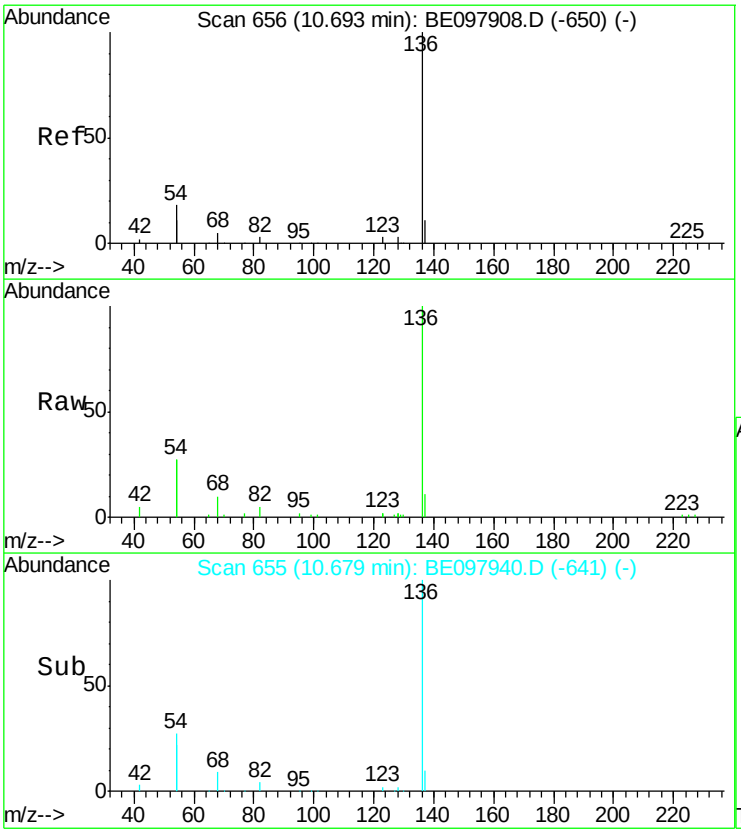

#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion: 93 Resp: 269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 346.1 | 259.0 | 388.4 |
| 95 | 46.1 | 27.8 | 41.8# |

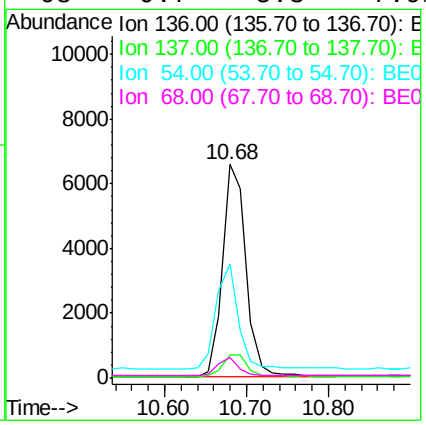


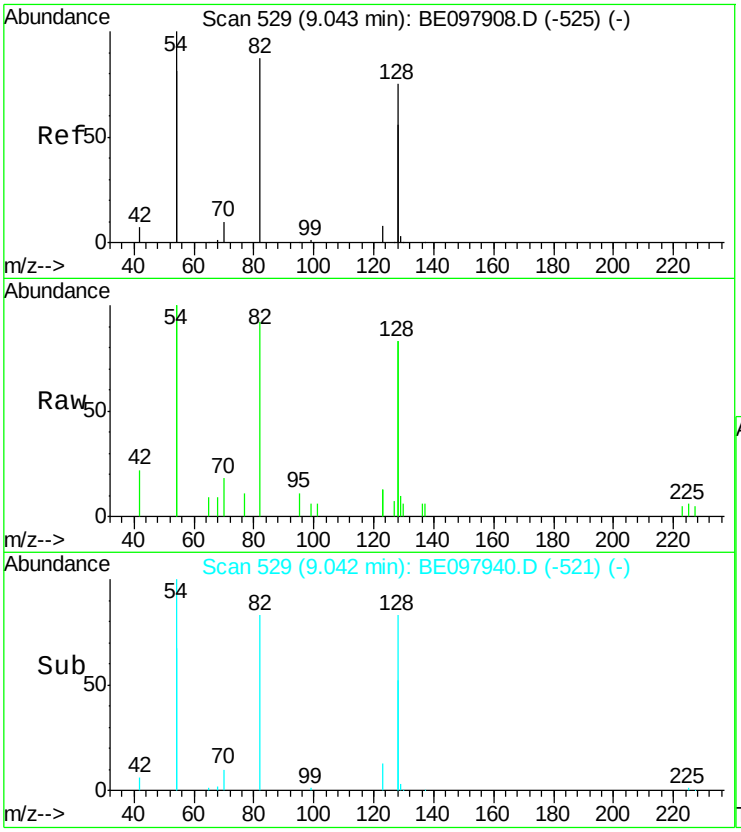




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:136 Resp: 13018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.6 | 14.4 |
| 54 | 53.6 | 27.7 | 41.5# |
| 68 | 9.7 | 5.3 | 7.9# |



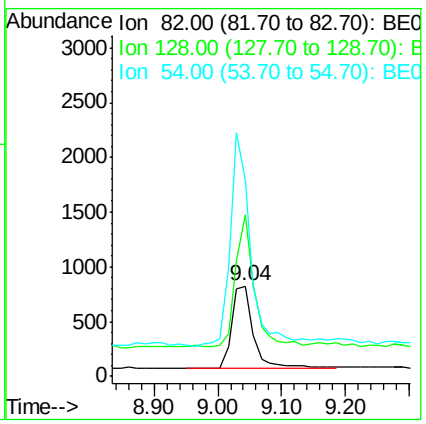


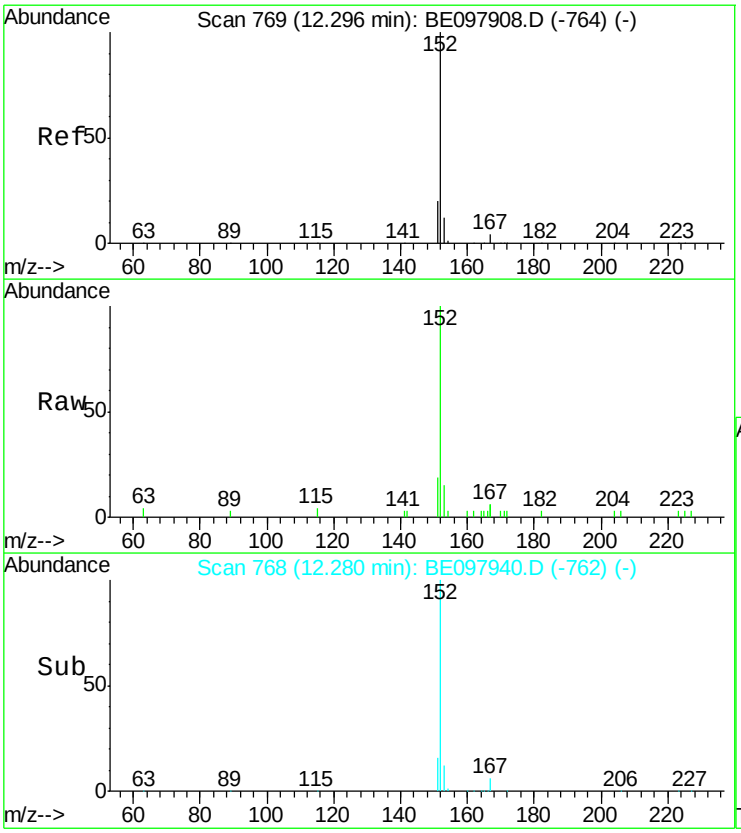

#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion: 82 Resp: 1814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 179.9 | 129.9 | 194.9 |
| 54 | 218.0 | 174.0 | 261.0 |

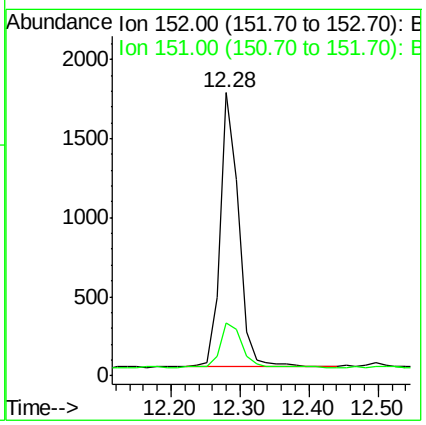


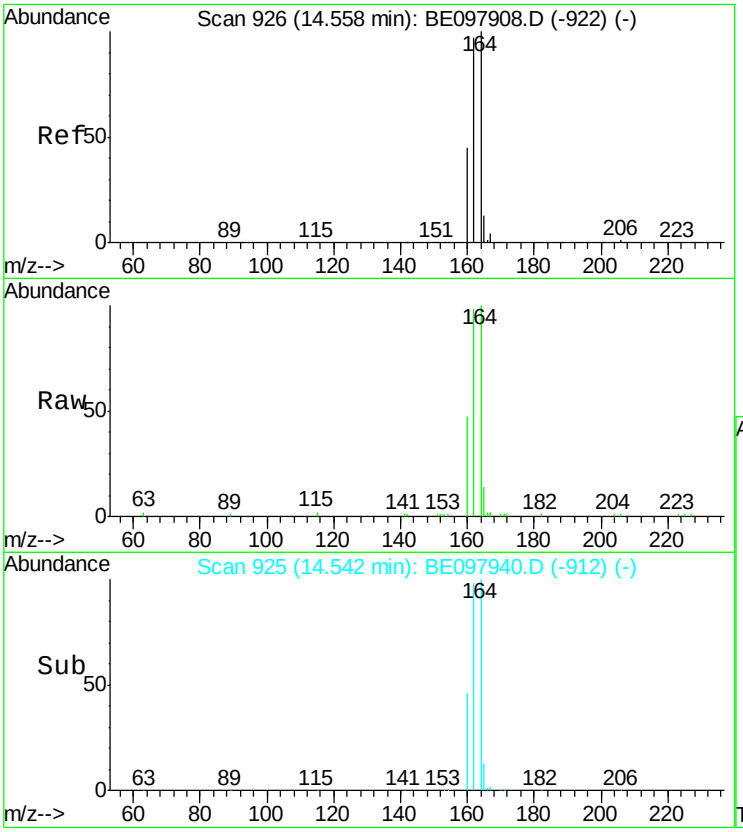




#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:152 Resp: 3255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.2 | 24.4 |



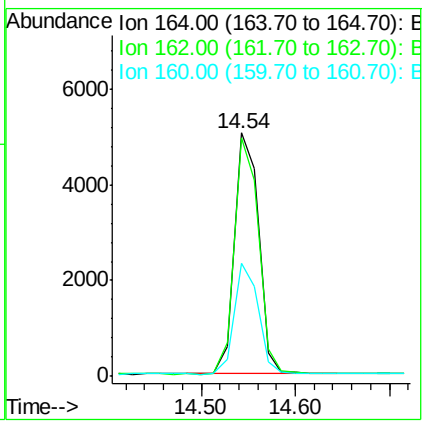


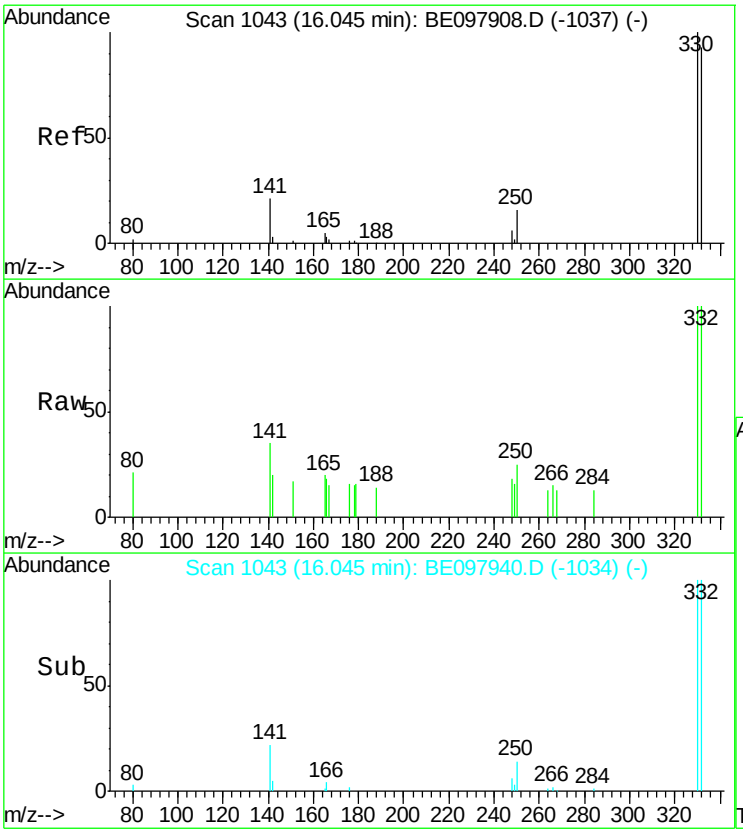

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:164 Resp: 9019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.0 | 77.4 | 116.2 |
| 160 | 46.6 | 36.5 | 54.7 |

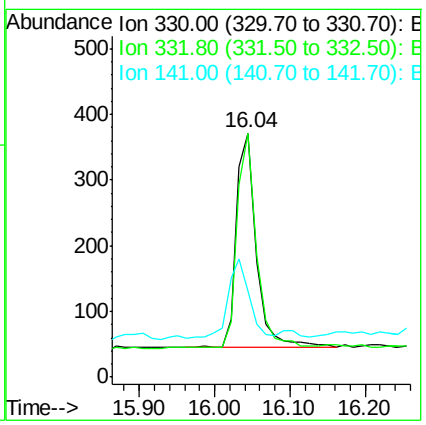


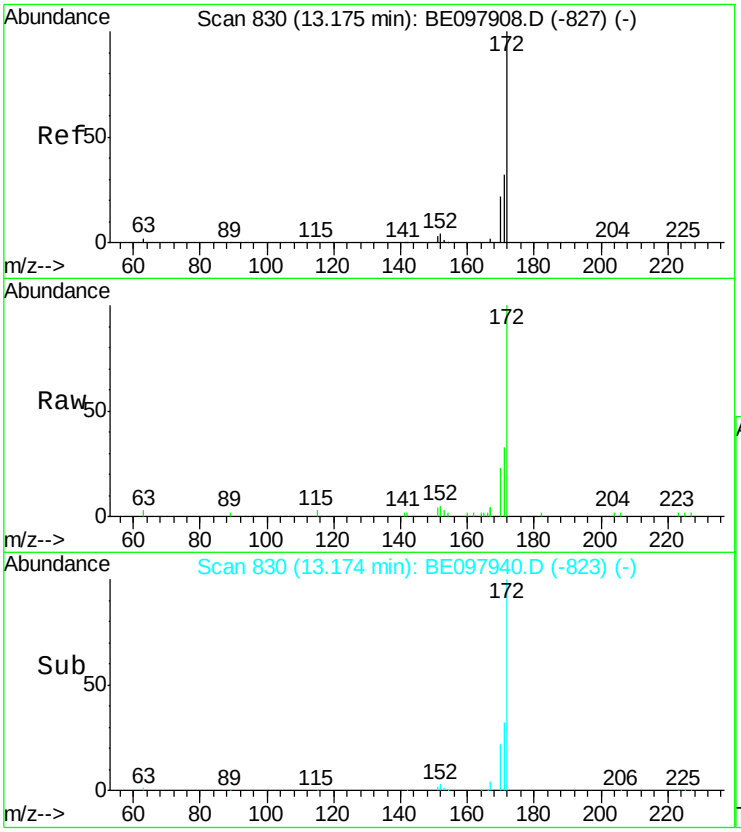




#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:330 Resp: 612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 76.5 | 114.7 |
| 141 | 38.6 | 31.8 | 47.6 |



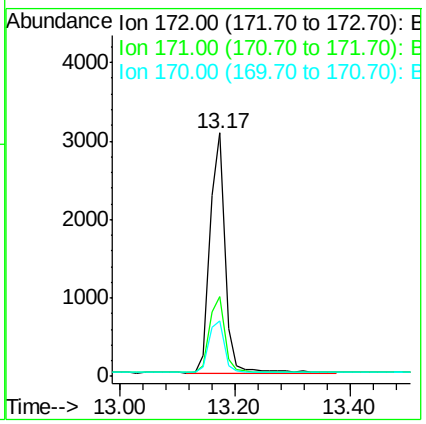


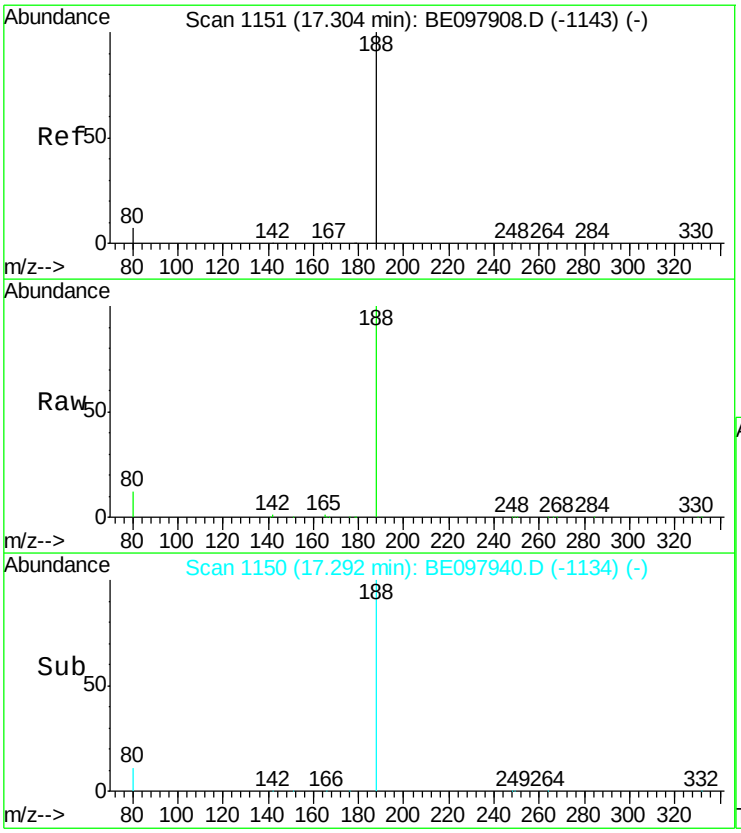

#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:172 Resp: 5566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.0 | 26.0 | 39.0 |
| 170 | 22.9 | 18.0 | 27.0 |

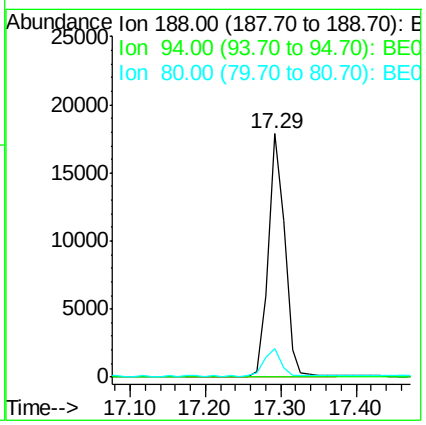


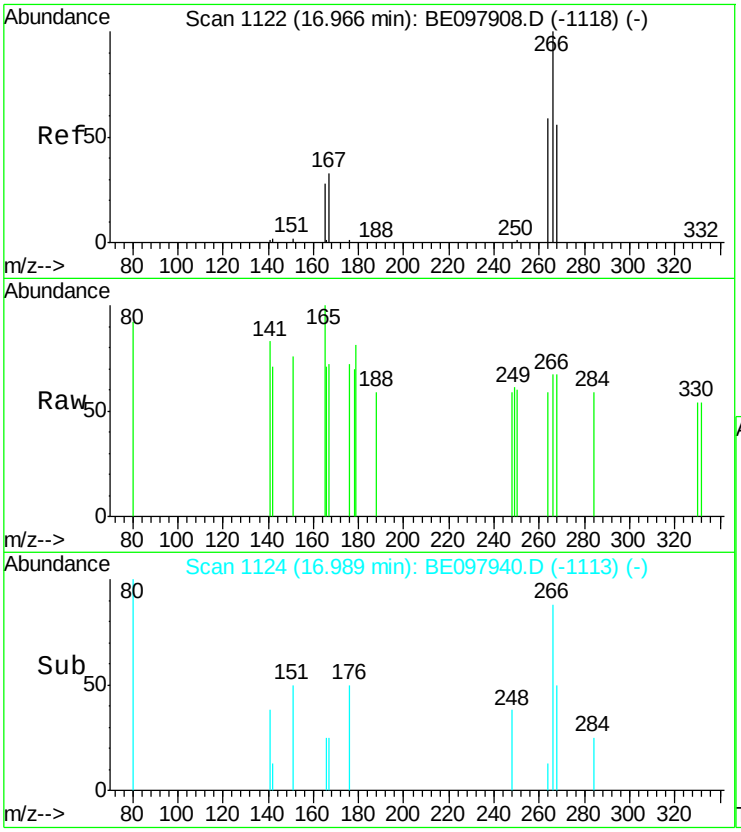




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:188 Resp: 26770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.7 | 6.3 | 9.5# |



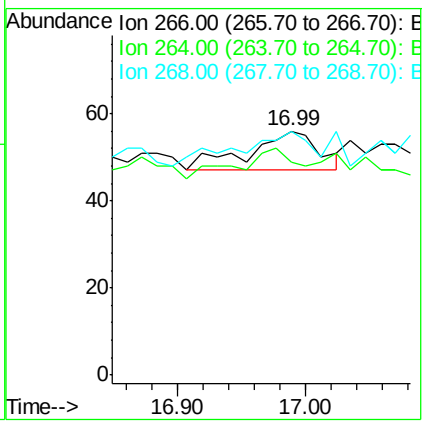


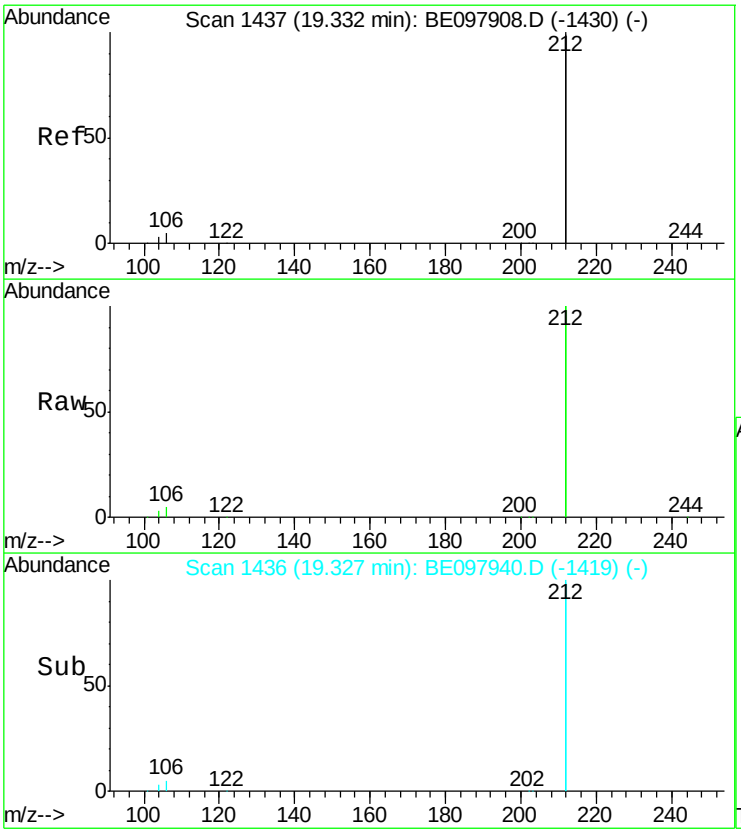

#22
Pentachlorophenol
Concen: 0.040 ng
RT: 16.99 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:266 Resp: 35

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 87.5 | 51.3 | 76.9# |
| 268 | 100.0 | 50.1 | 75.1# |

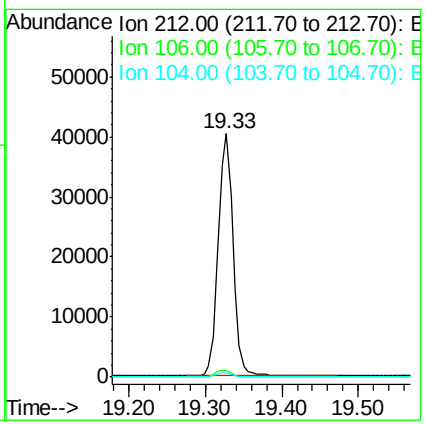


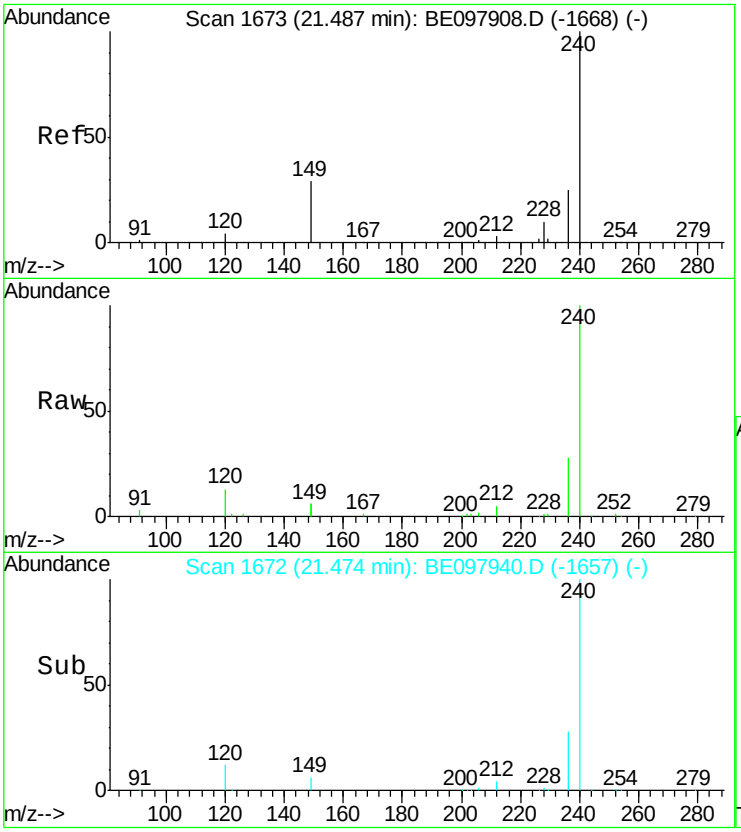




#25
Fluoranthene-d10
Concen: 0.150 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:212 Resp: 54240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.9 | 2.3 | 3.5 |
| 104 | 1.6 | 1.3 | 1.9 |



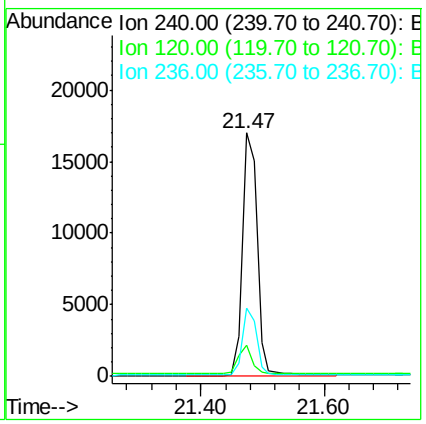


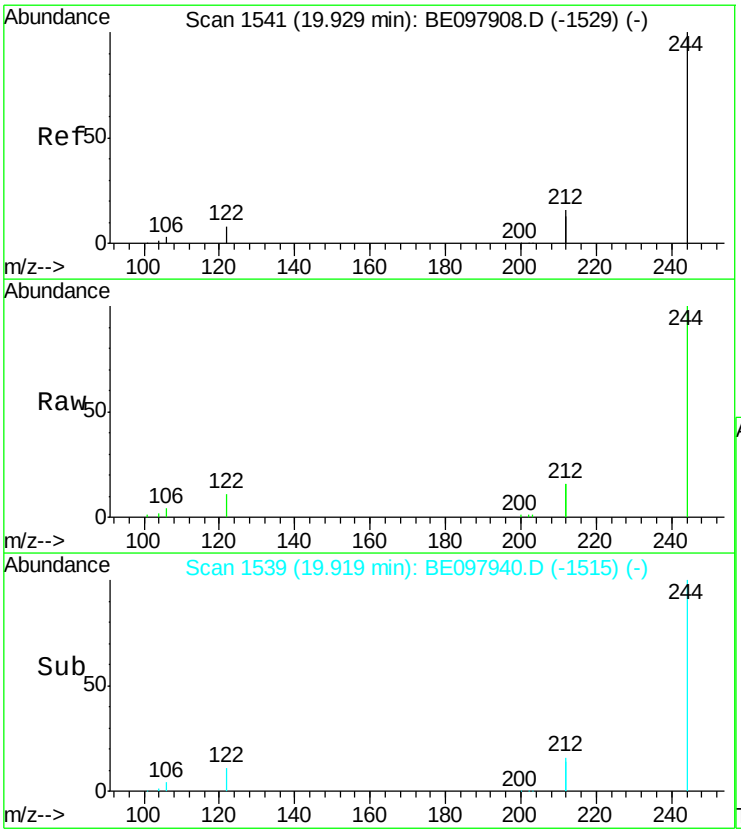

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:240 Resp: 27676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.8 | 7.1 | 10.7# |
| 236 | 28.1 | 21.3 | 31.9 |

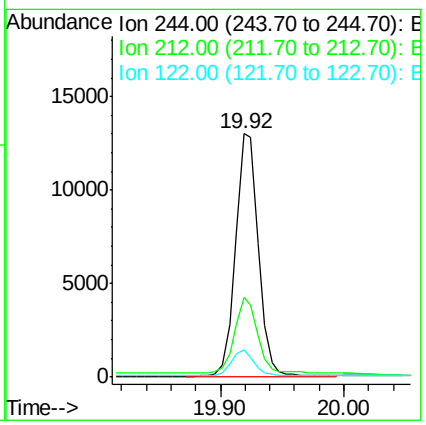


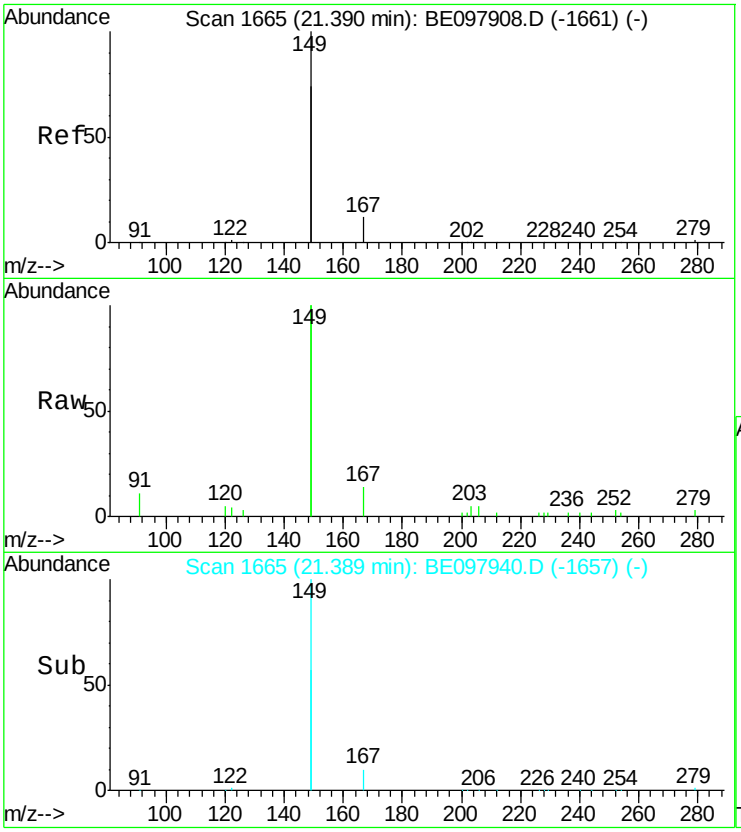




#29
Terphenyl-d14
Concen: 0.261 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:244 Resp: 16554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.6 | 26.2 | 39.2 |
| 122 | 11.4 | 7.7 | 11.5 |



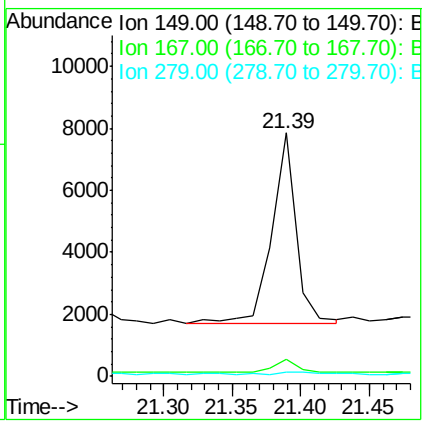


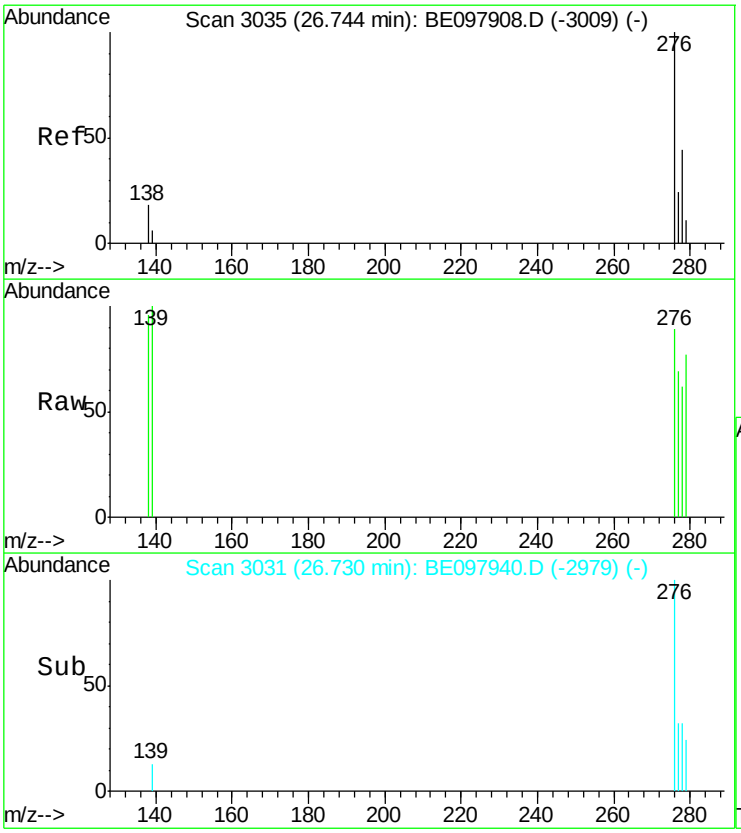

#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.39 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:149 Resp: 7453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.6 | 8.4 |
| 279 | 1.2 | 0.9 | 1.3 |

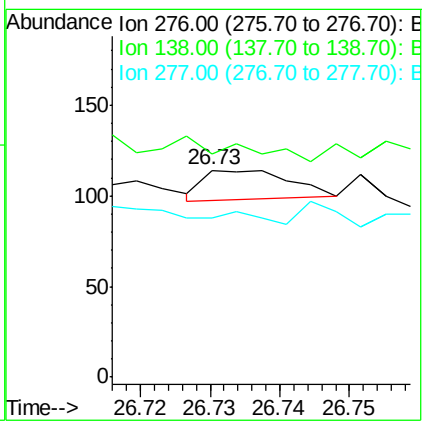


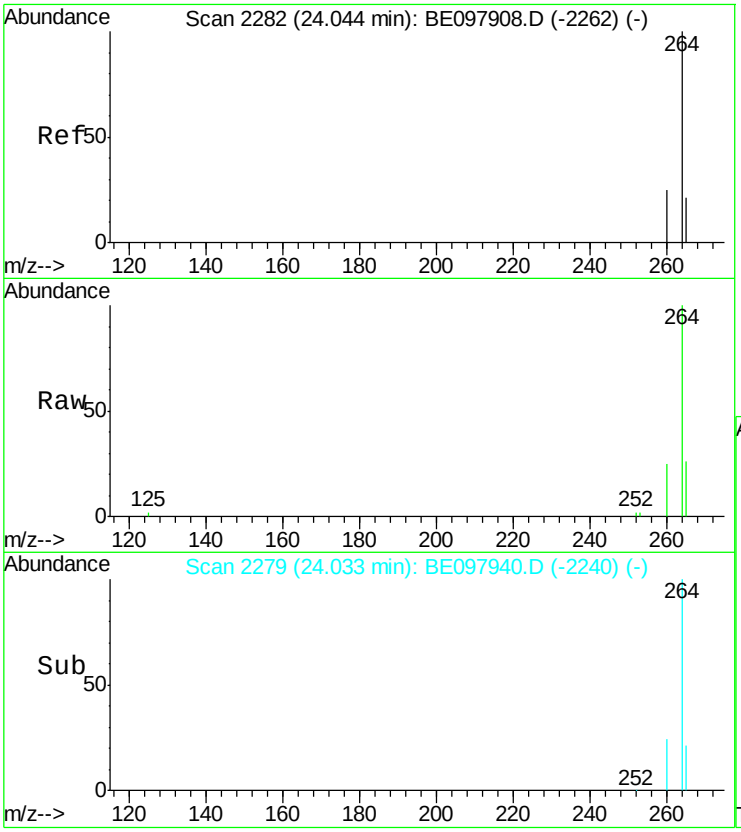




#33
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 26.73 min Scan# 3031
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

Tgt Ion:276 Resp: 14

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 17.0 | 25.6# |
| 277 | 50.0 | 20.5 | 30.7# |






#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097940.D
Acq: 17 Oct 2018 10:17

**Instrument :**
BNA_E
**ClientSampleId :**
RE-137-745FT-2018109DL

Tgt Ion:264 Resp: 21593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 21.1 | 31.7 |
| 265 | 25.6 | 29.2 | 43.8# |