Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
Data File : BE097013.D
Acq On : 19 Jul 2018 20:10
Operator : SJ/JU
Sample : J4014-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** FB01-071318

Quant Time: Jul 20 04:33:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 1465 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.15 | 136 | 6639 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.03 | 164 | 4034 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.77 | 188 | 11752 | 0.40 | ng | -0.01 |
| 27) Chrysene-d12 | 20.98 | 240 | 11960 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 11022 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.06 | 112 | 46 | 0.01 | ng | 0.01 |
| 5) Phenol-d6 | 6.61 | 99 | 71 | 0.01 | ng | 0.01 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 2337 | 0.48 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.73 | 152 | 3978 | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.53 | 330 | 94 | 0.15 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 12.64 | 172 | 7349 | 0.49 | ng | 0.00 |
| 25) Fluoranthene-d10 | 18.81 | 212 | 58705 | 0.57 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.43 | 244 | 12177 | 0.53 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 44 | 0.021 | ng | # 16 |
| 3) n-Nitrosodimethylamine | 3.37 | 42 | 68 | 0.029 | ng | # 1 |
| 9) Naphthalene | 10.20 | 128 | 1628 | 0.027 | ng | # 90 |
| 22) Pentachlorophenol | 16.46 | 266 | 8 | Below Cal | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 2479 | 0.087 | ng | 100 |
| 37) Benzo(a)pyrene | 23.12 | 252 | 13 | 0.102 | ng | # 1 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 4 | 0.118 | ng | # 1 |

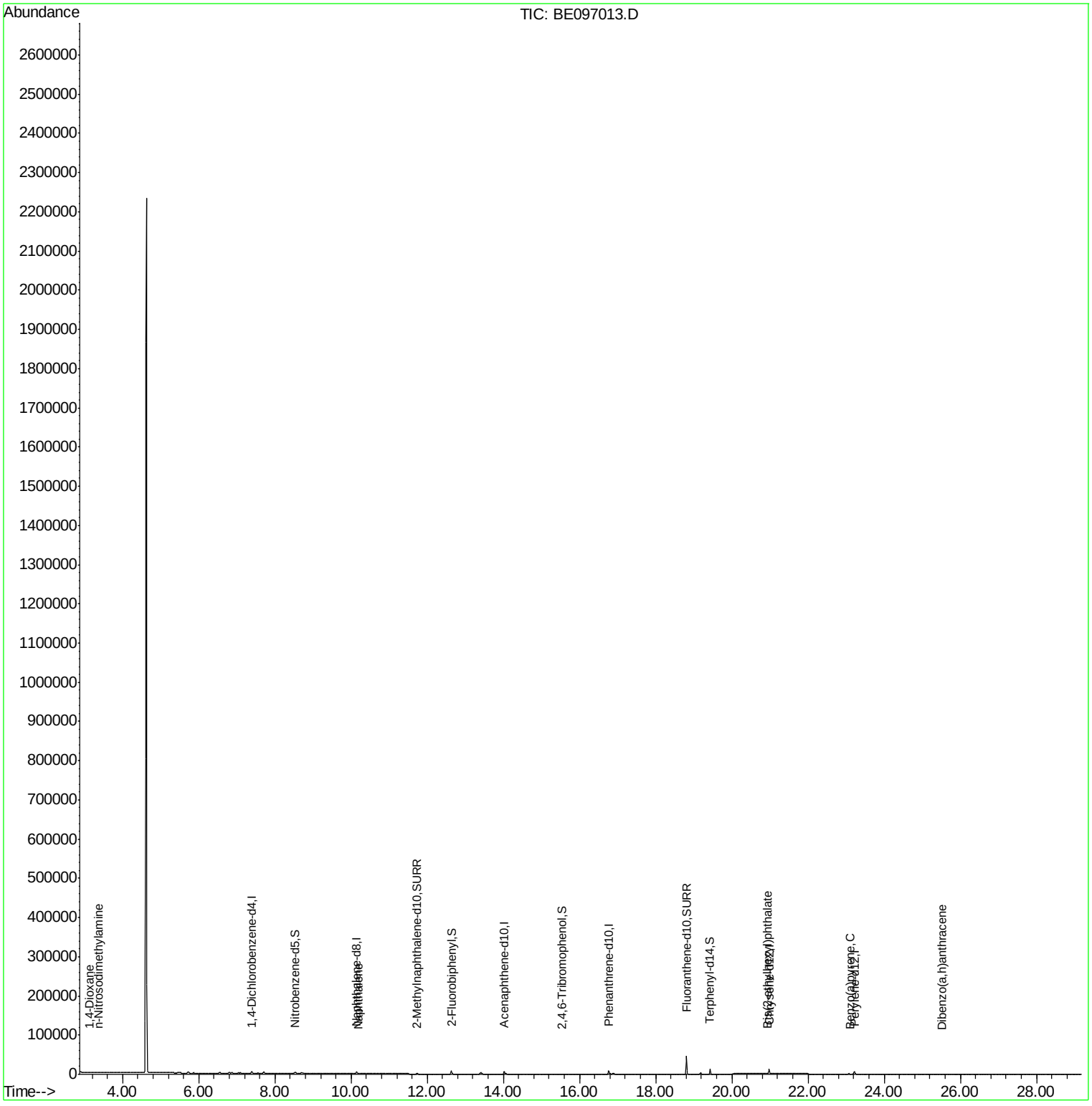
(#) = qualifier out of range (m) = manual integration (+) = signals summed

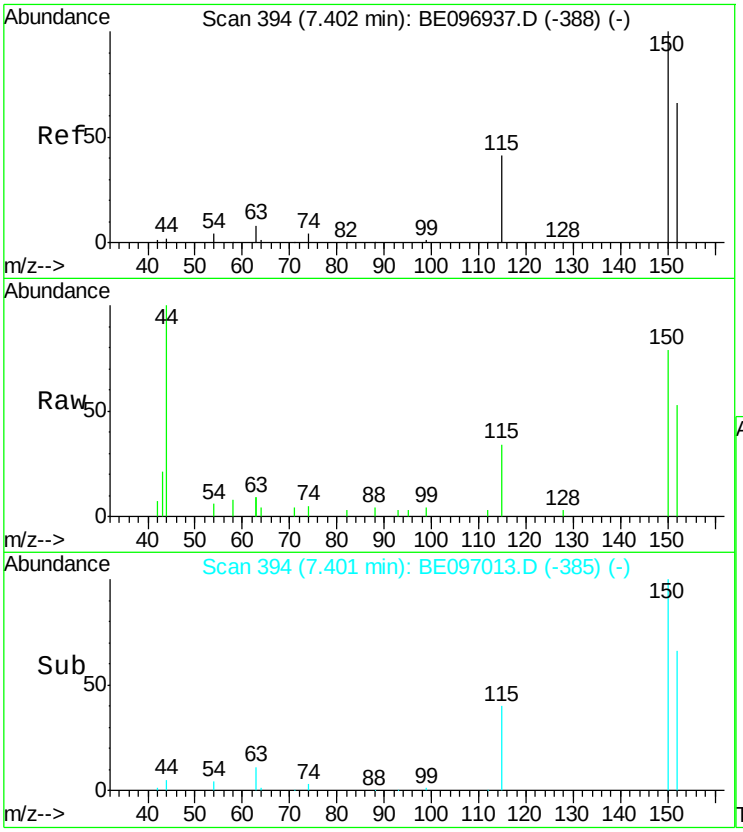
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
Data File : BE097013.D
Acq On : 19 Jul 2018 20:10
Operator : SJ/JU
Sample : J4014-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Quant Time: Jul 20 04:33:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



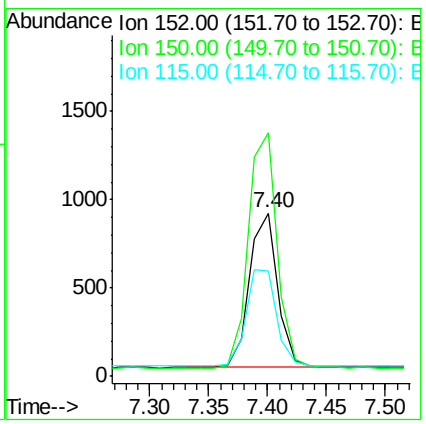


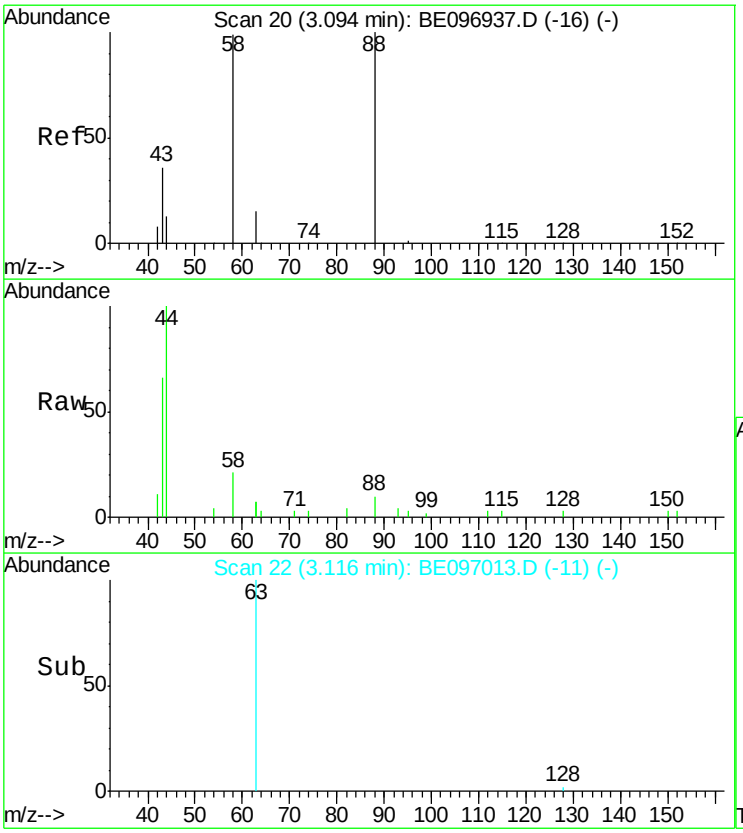

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:152 Resp: 1465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.8 | 117.2 | 175.8 |
| 115 | 64.6 | 57.0 | 85.6 |

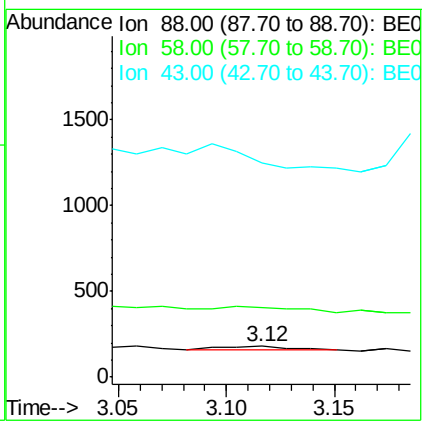


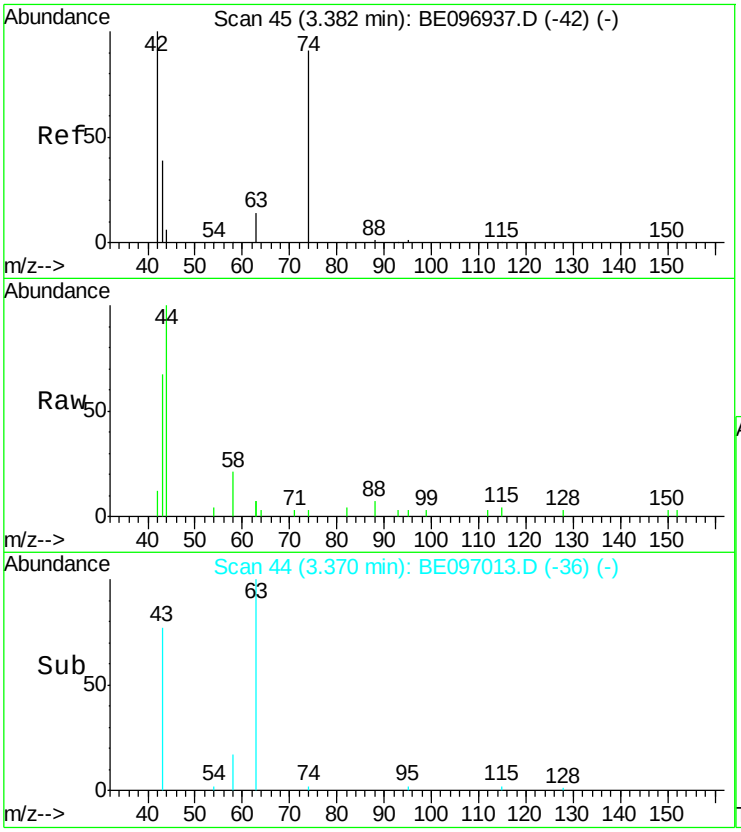




#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.02 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion: 88 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 63.2 | 94.8# |
| 43 | 0.0 | 41.2 | 61.8# |



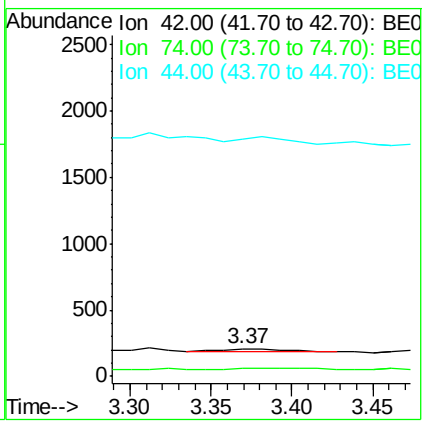


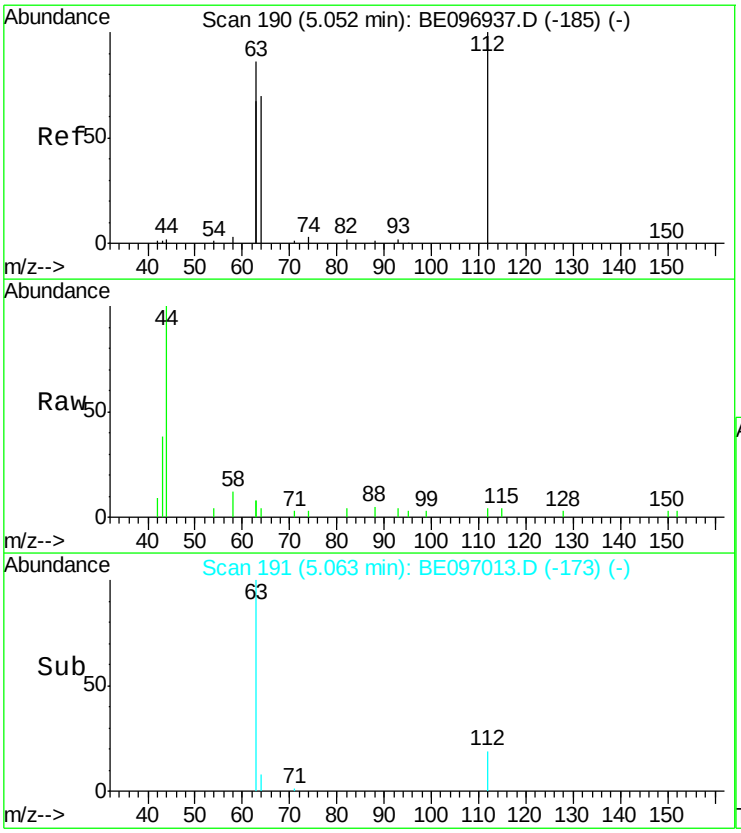

#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion: 42 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 22.1 | 96.0 | 144.0# |
| 44 | 173.5 | 12.0 | 18.0# |

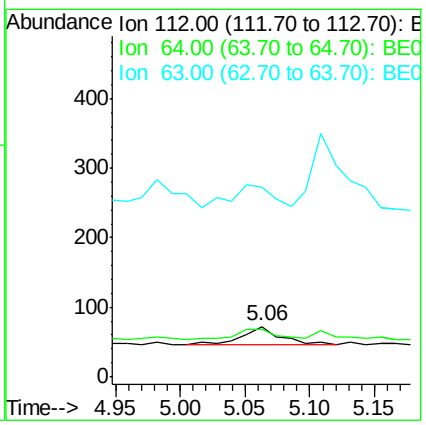


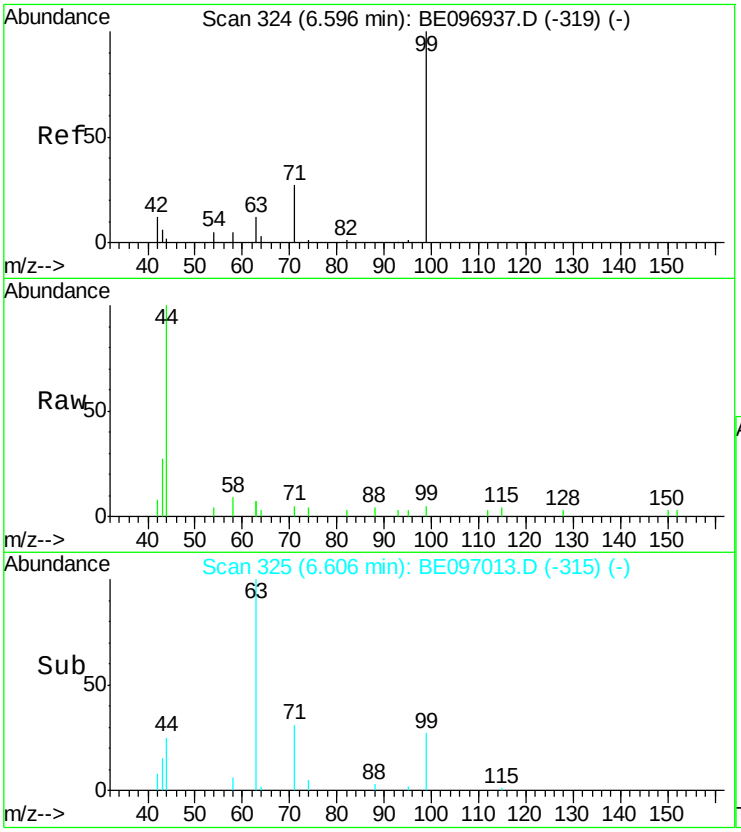




#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:112 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.3 | 60.1 | 90.1 |
| 63 | 171.7 | 116.8 | 175.2 |



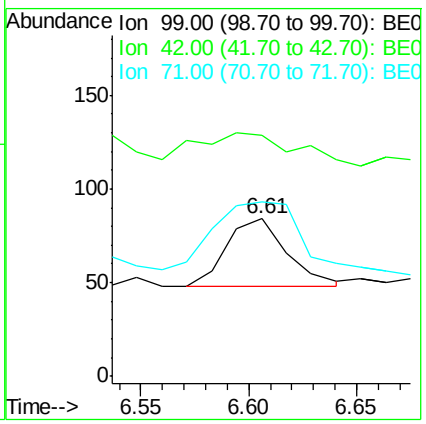


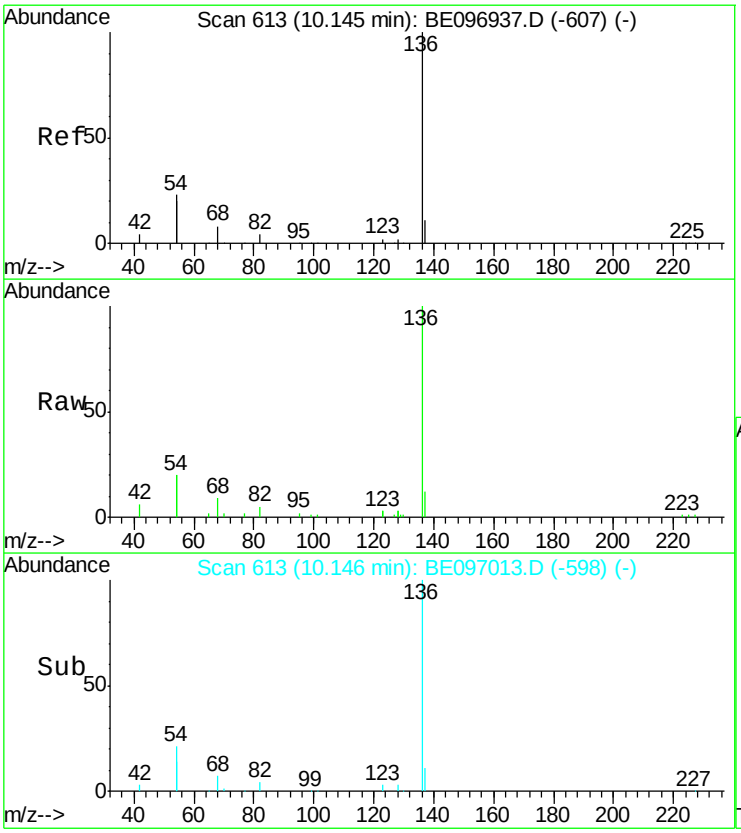

#5
Phenol-d6
Concen: 0.013 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion: 99 Resp: 71

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 81.7 | 20.2 | 30.2# |
| 71 | 138.0 | 28.4 | 42.6# |

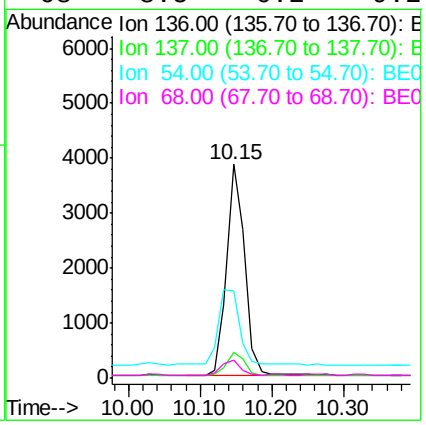


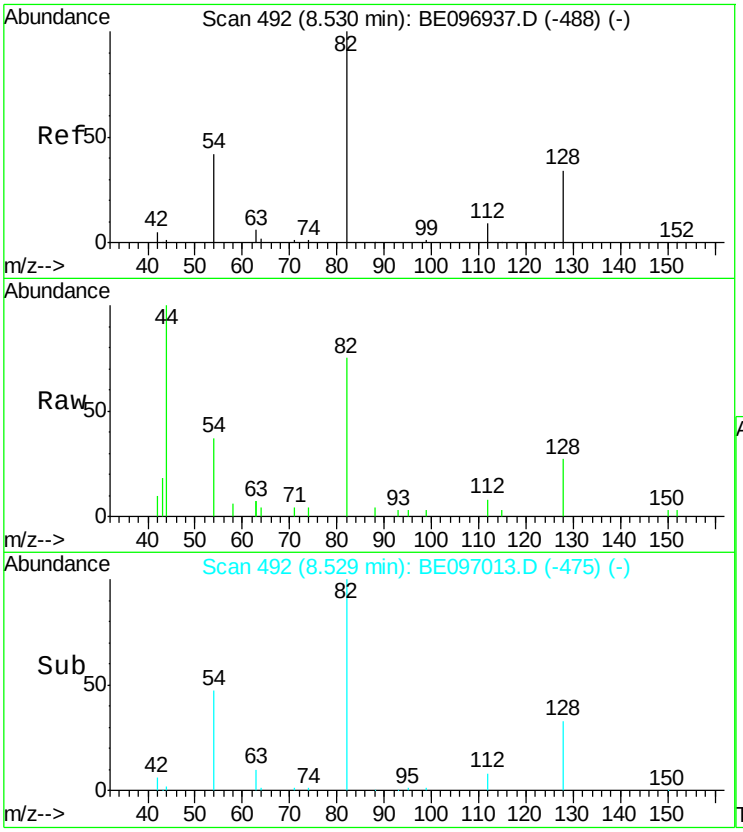




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:136 Resp: 6639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.5 | 14.3 |
| 54 | 40.7 | 29.1 | 43.7 |
| 68 | 8.5 | 6.2 | 9.2 |



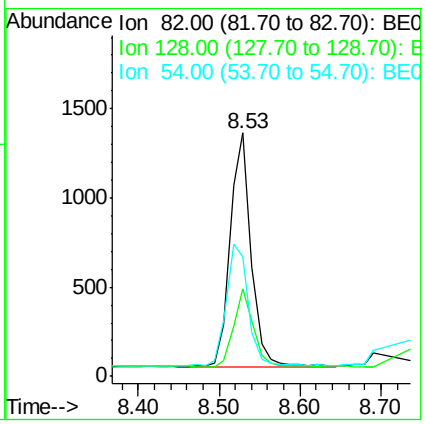


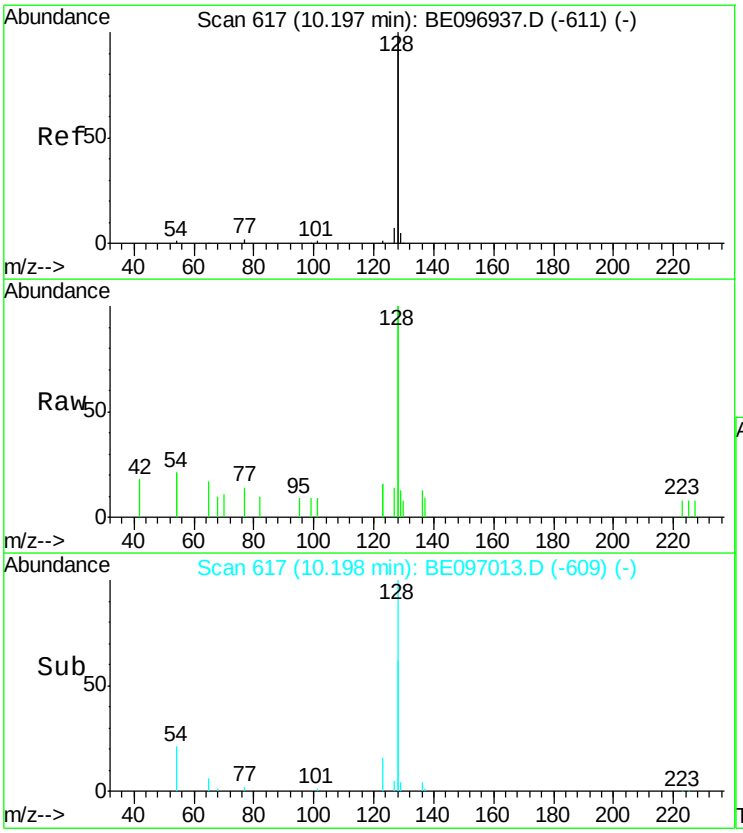

#8
Nitrobenzene-d5
Concen: 0.483 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion: 82 Resp: 2337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.0 | 24.0 | 36.0 |
| 54 | 48.9 | 40.0 | 60.0 |

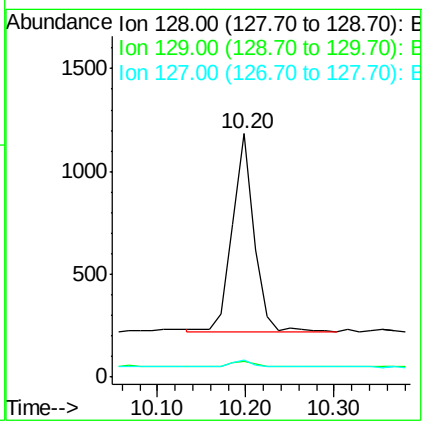


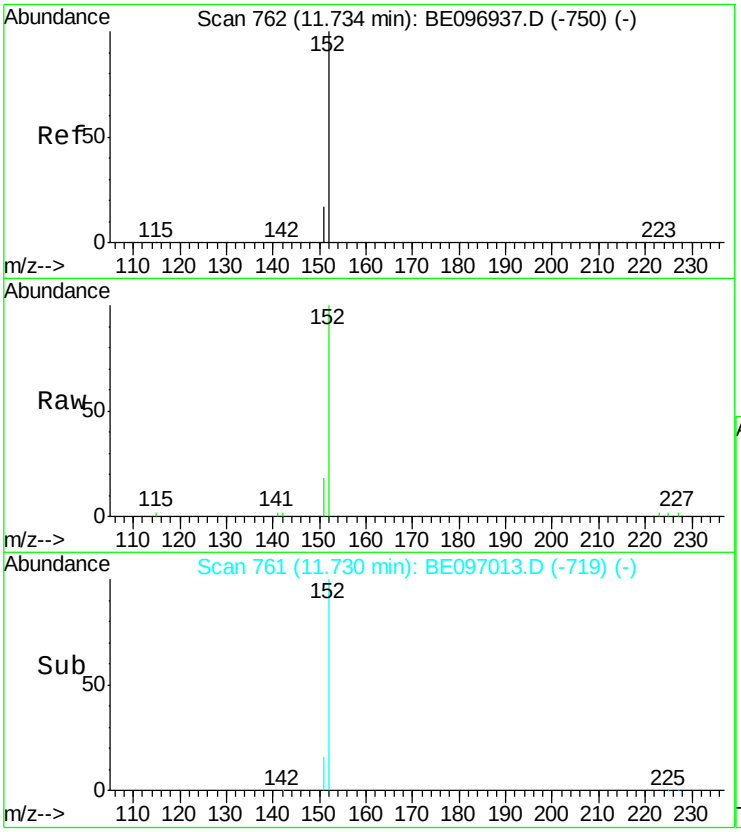




#9
Naphthalene
Concen: 0.027 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:128 Resp: 1628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 6.3 | 2.6 | 3.8# |
| 127 | 6.8 | 2.8 | 4.2# |



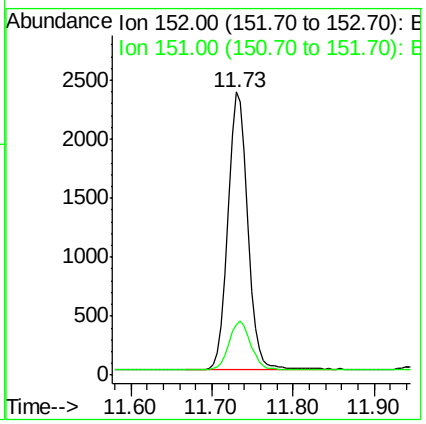


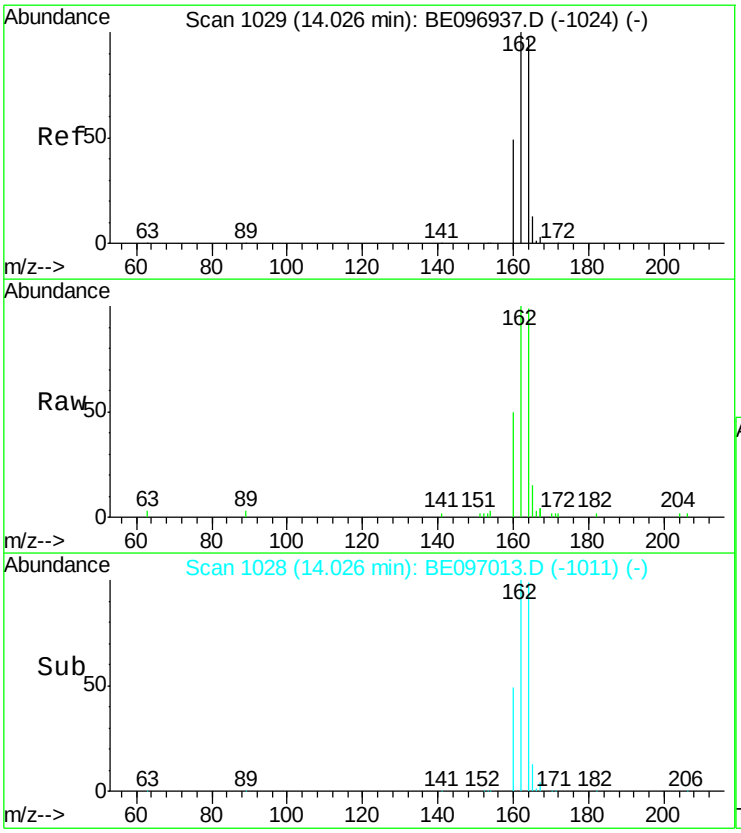

#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:152 Resp: 3978

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

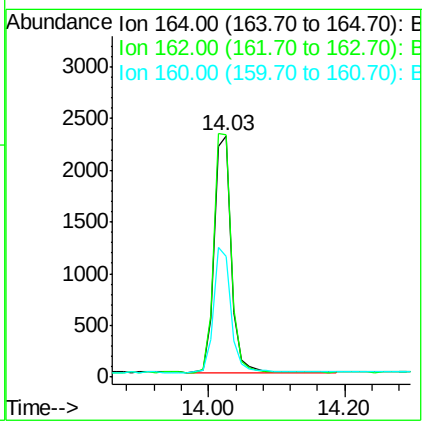


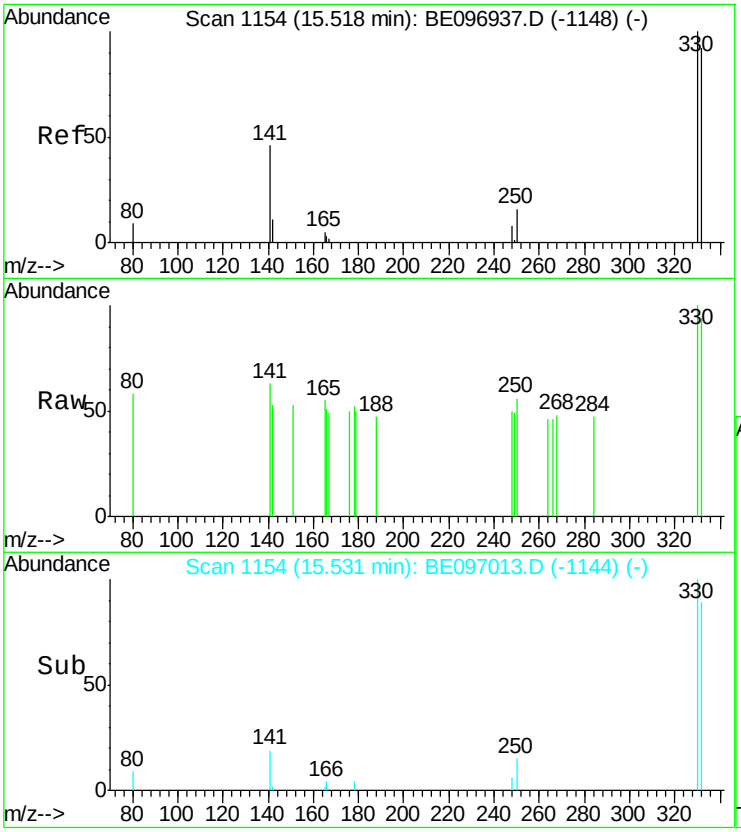




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:164 Resp: 4034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 83.1 | 124.7 |
| 160 | 50.0 | 37.1 | 55.7 |



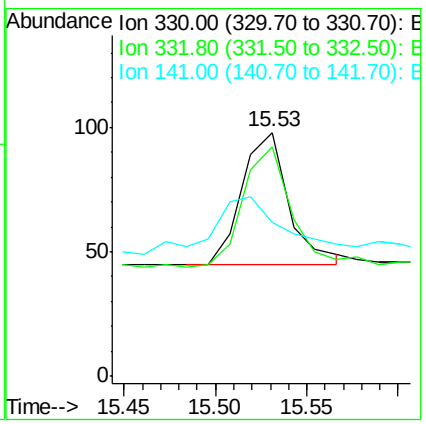


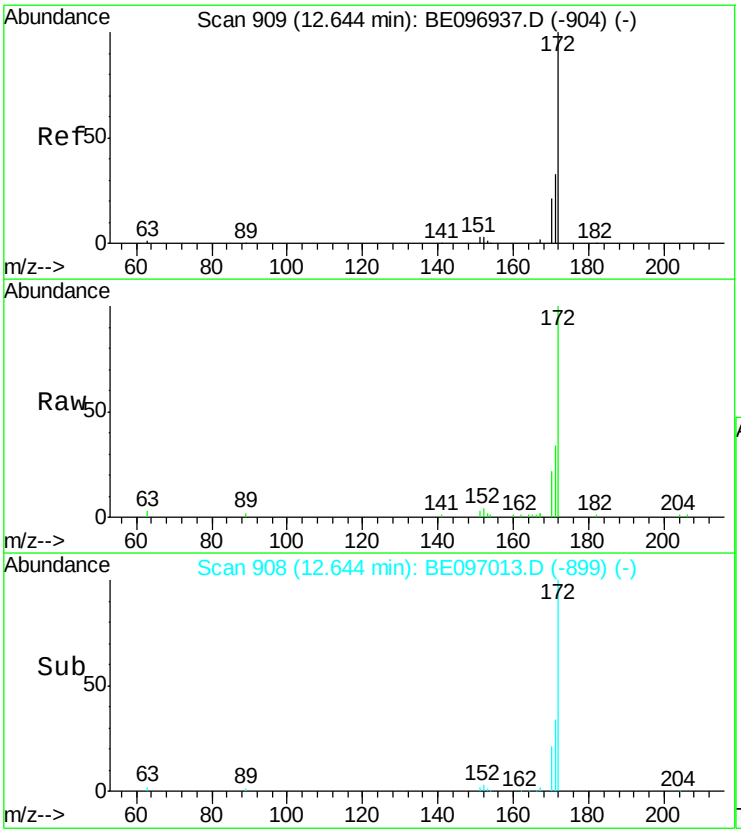

#14
2,4,6-Tribromophenol
Concen: 0.147 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:330 Resp: 94

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.6 | 152.7 | 229.1# |
| 141 | 66.0 | 33.7 | 50.5# |

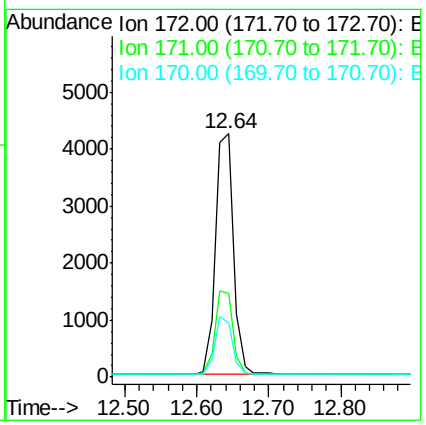


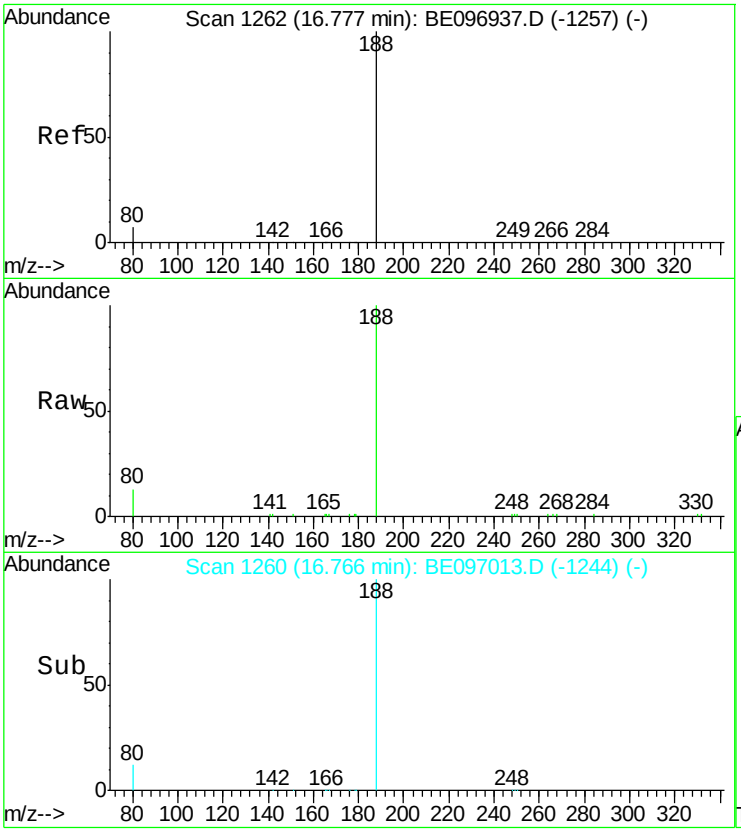




#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:172 Resp: 7349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 29.9 | 44.9 |
| 170 | 22.1 | 21.8 | 32.8 |



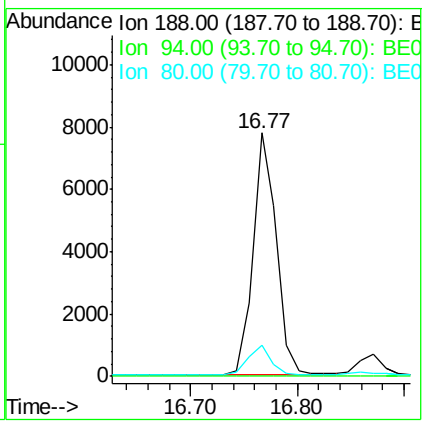


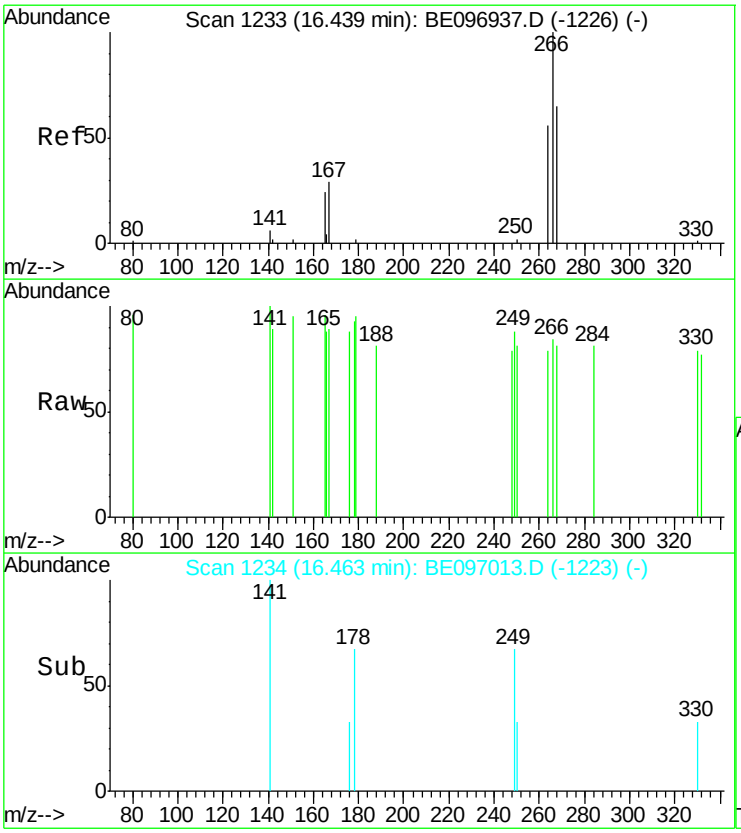

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:188 Resp: 11752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 3.9 | 5.9# |
| 80 | 12.6 | 3.6 | 5.4# |

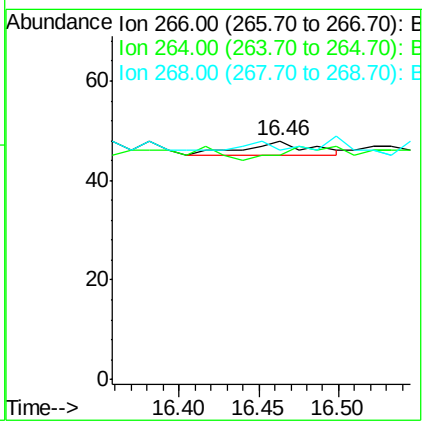


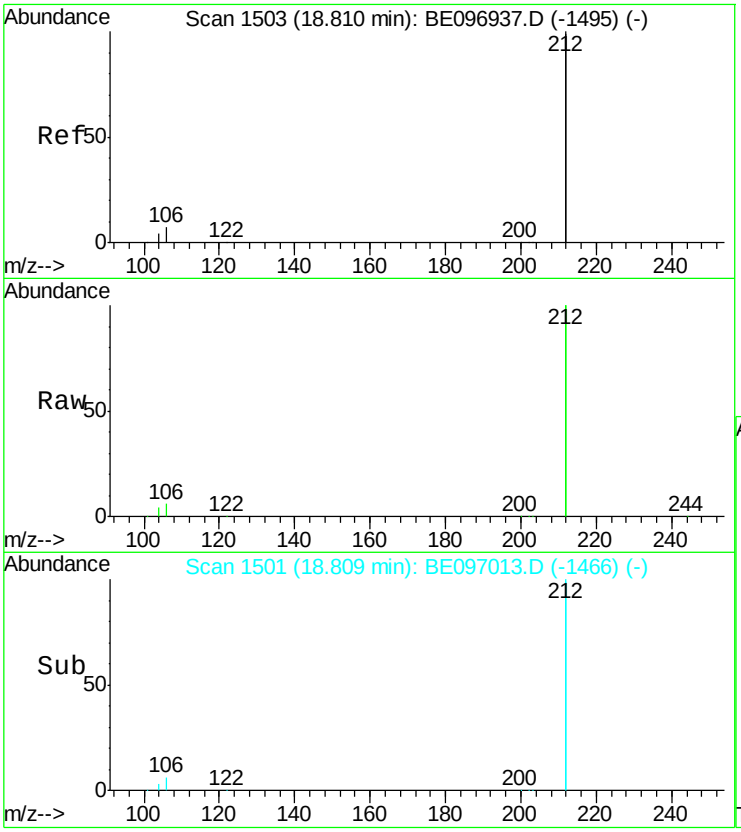




#22
Pentachlorophenol
Concen: Below Cal
RT: 16.46 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:266 Resp: 8

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 93.8 | 72.5 | 108.7 |
| 268 | 95.8 | 73.8 | 110.6 |



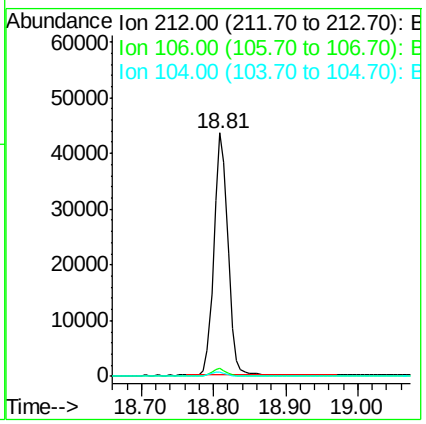


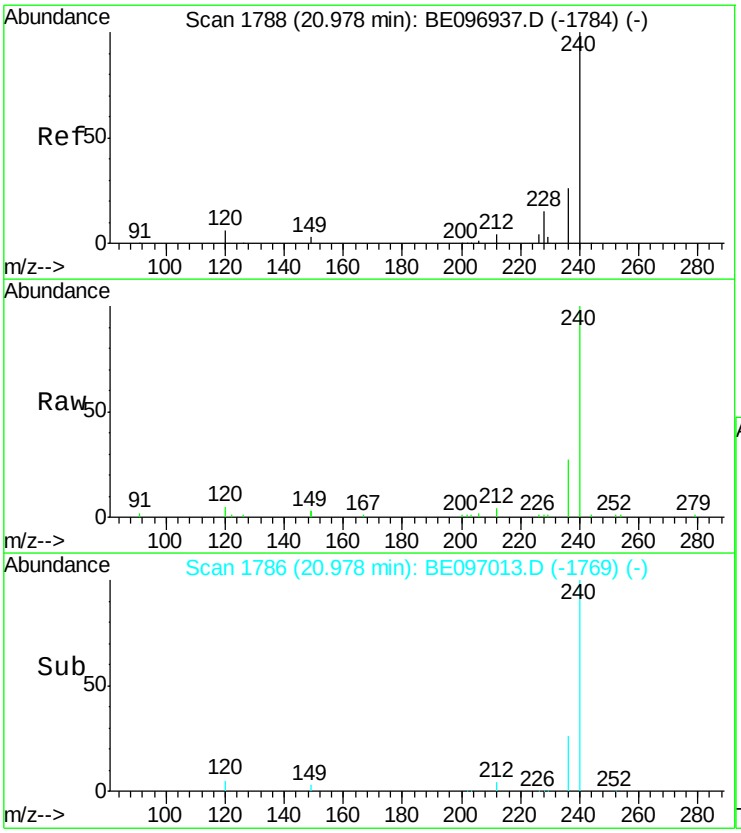

#25
Fluoranthene-d10
Concen: 0.574 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:212 Resp: 58705

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

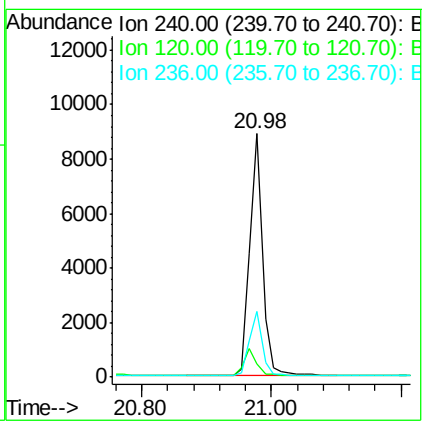


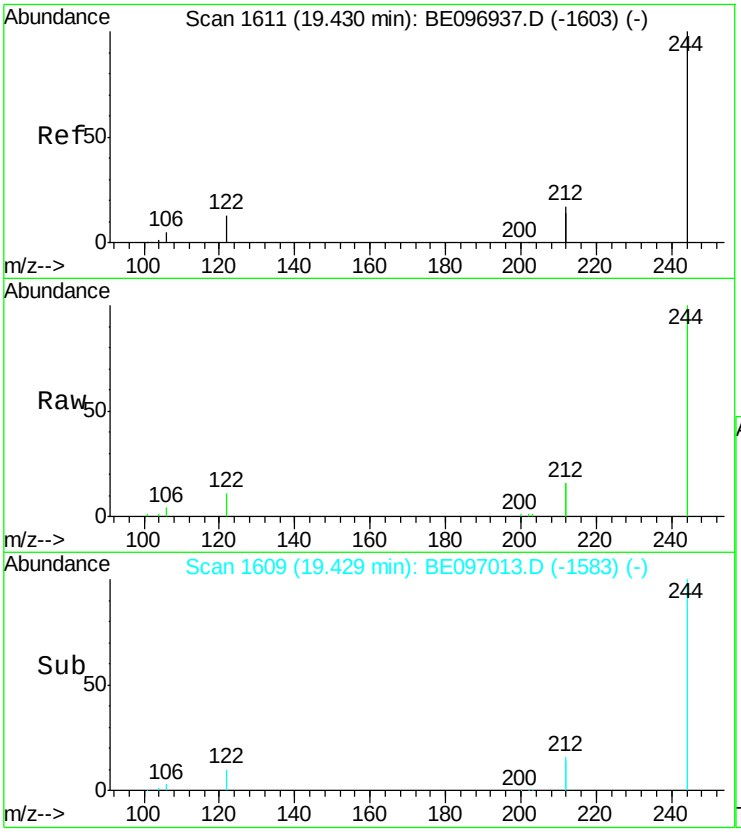




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:240 Resp: 11960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 5.5 | 8.3# |
| 236 | 27.1 | 20.7 | 31.1 |



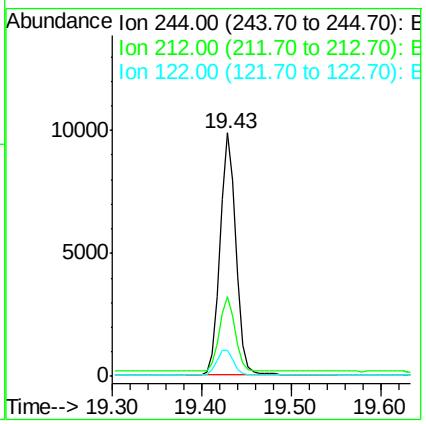


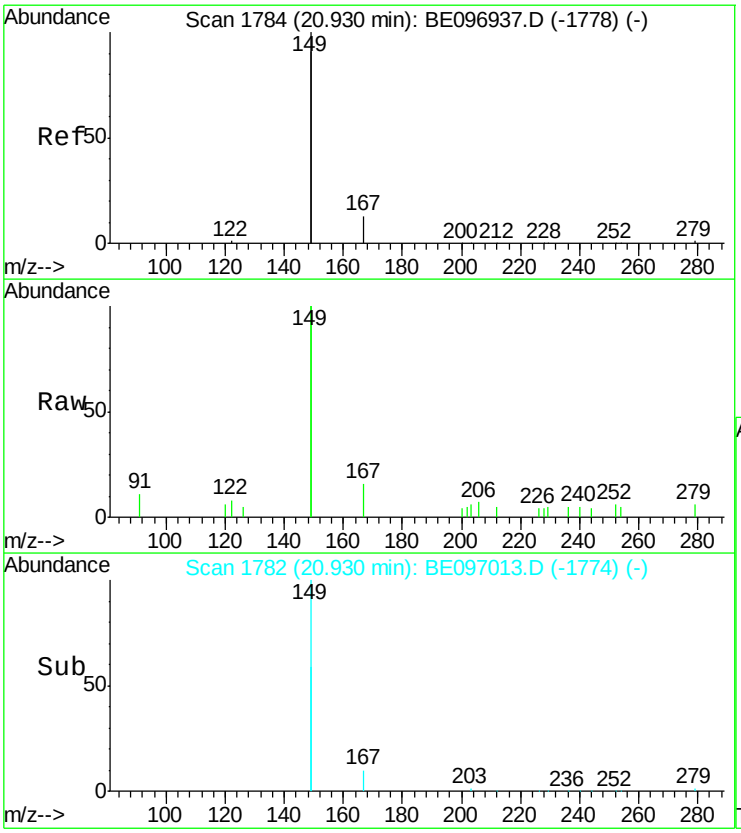

#29
Terphenyl-d14
Concen: 0.528 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:244 Resp: 12177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.8 | 25.4 | 38.0 |
| 122 | 10.7 | 8.1 | 12.1 |

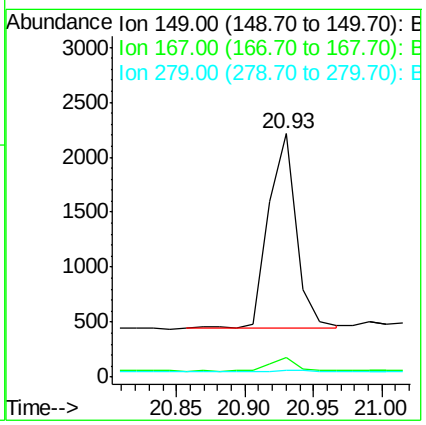


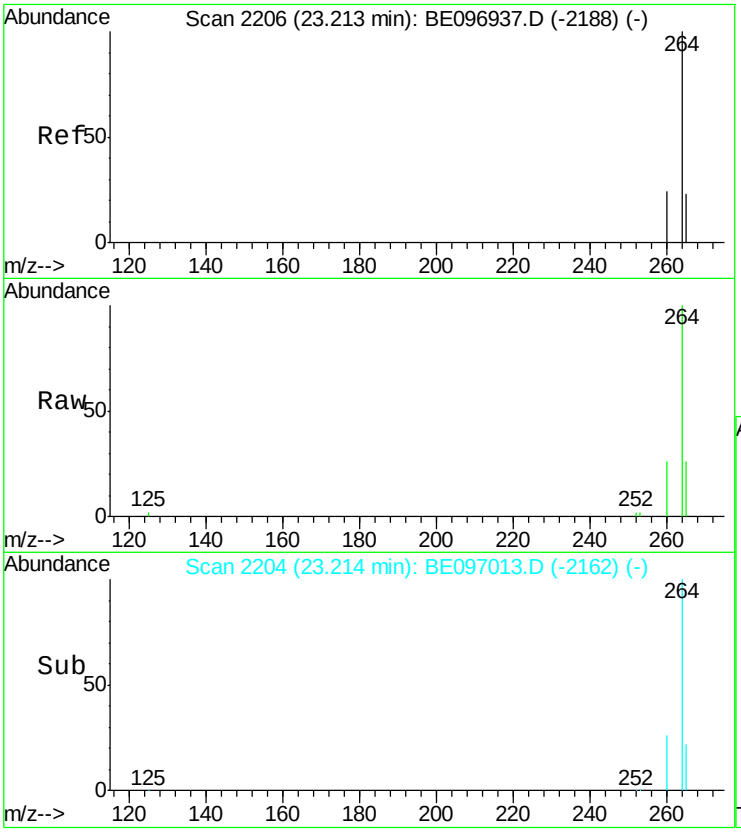




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:149 Resp: 2479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.4 | 8.0 |
| 279 | 1.0 | 0.7 | 1.1 |



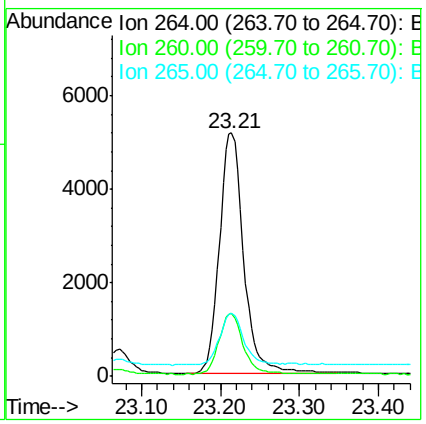


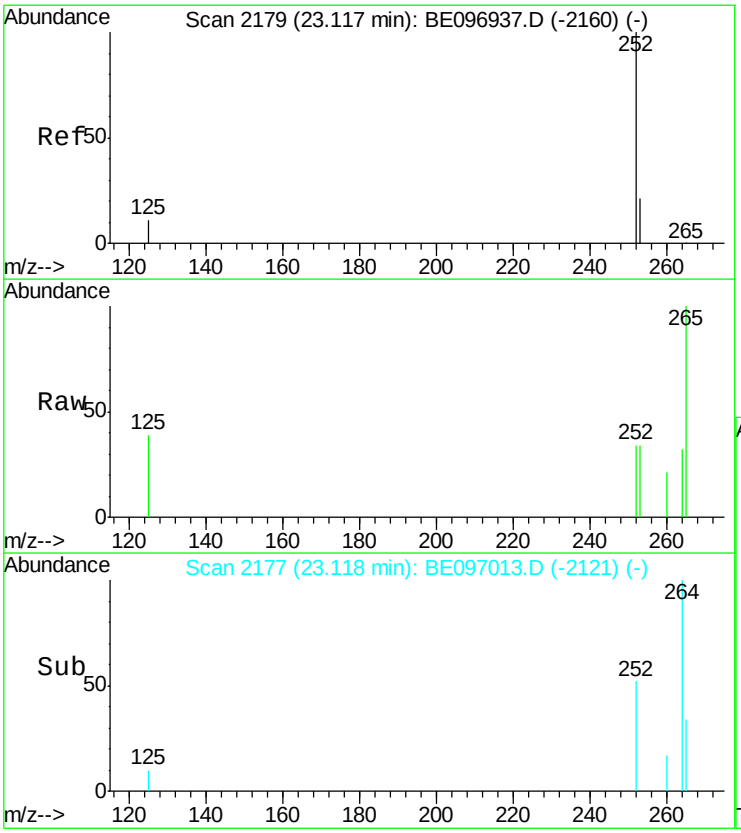

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:264 Resp: 11022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 20.5 | 30.7 |
| 265 | 26.1 | 22.8 | 34.2 |

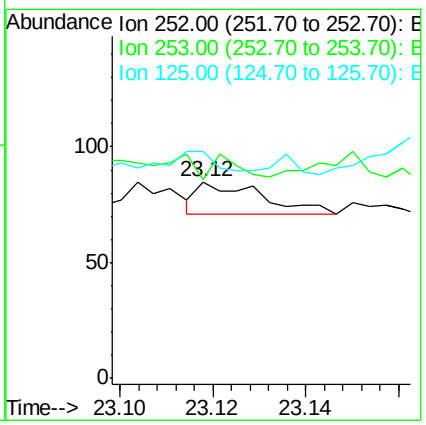


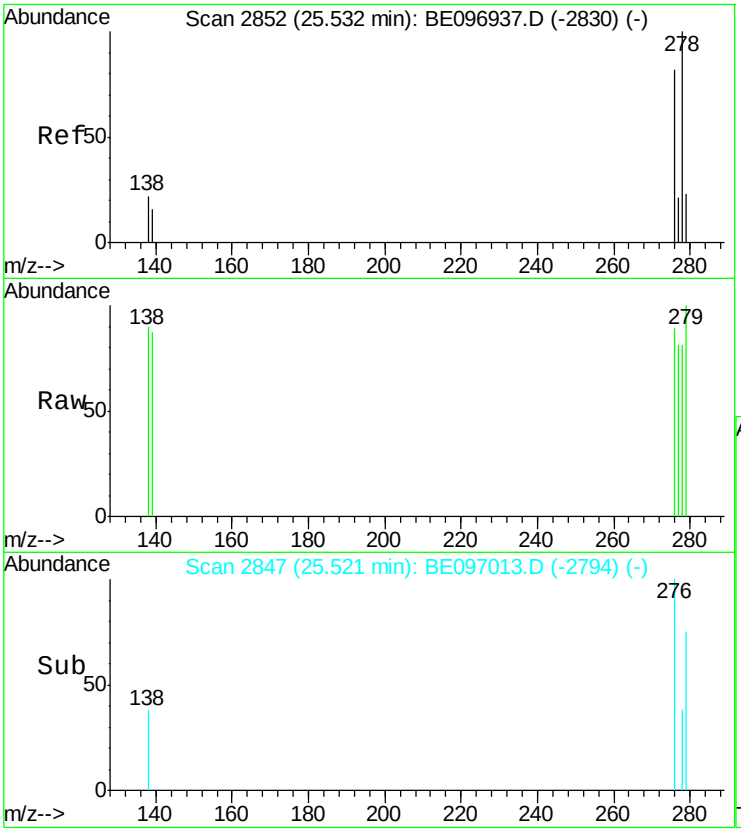




#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.12 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

Tgt Ion:252 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 101.2 | 16.0 | 24.0# |
| 125 | 115.3 | 12.0 | 18.0# |






#38
Dibenzo(a,h)anthracene
Concen: 0.118 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097013.D
Acq: 19 Jul 2018 20:10

**Instrument :**
BNA_E
**ClientSampleId :**
FB01-071318

Tgt Ion:278 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 107.8 | 16.0 | 24.0# |
| 279 | 123.5 | 20.0 | 30.0# |