Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098858.D
Acq On : 11 Mar 2019 11:48
Operator : JU/SJ
Sample : K1793-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Mar 11 13:42:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 760 | 0.40 | ng | | 0.01 |
| 7) Naphthalene-d8 | 10.60 | 136 | 3215 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 2328 | 0.40 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.22 | 188 | 6051 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 7142 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.91 | 264 | 7118 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 123 | 0.05 | ng | | 0.04 |
| 5) Phenol-d6 | 6.98 | 99 | 7 | 0.00 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 501 | 0.15 | ng | | 0.06 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 1068 | 0.18 | ng | | 0.03 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 174 | 0.15 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 1976 | 0.21 | ng | | 0.01 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 16531 | 0.17 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.85 | 244 | 3937 | 0.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 2749 | 2.245 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.64 | 42 | 50 | 0.026 | ng | # | 41 |
| 22) Pentachlorophenol | 16.91 | 266 | 10 | 0.272 | ng | | 87 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 1430 | 0.030 | ng | # | 96 |

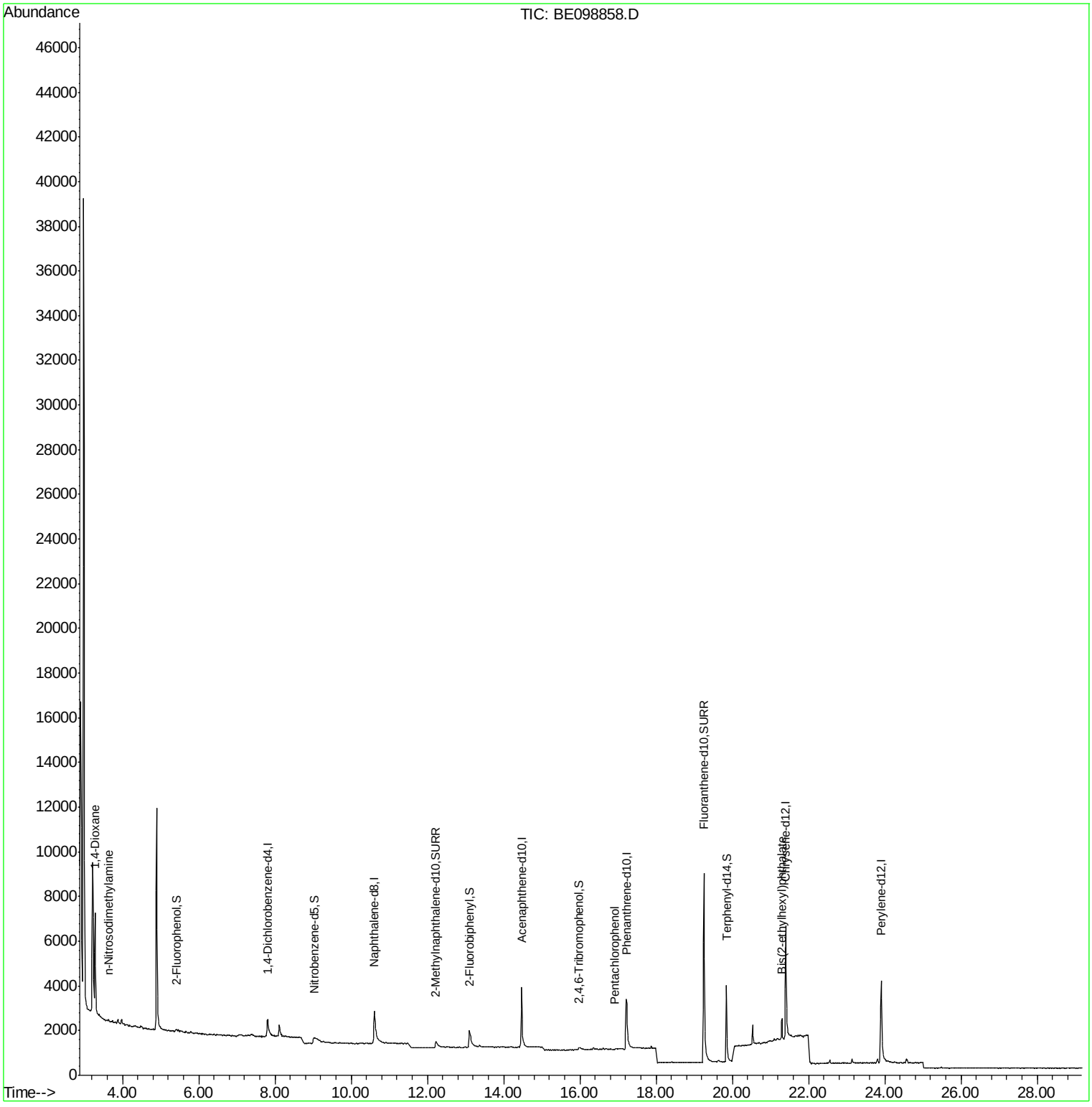
(#) = qualifier out of range (m) = manual integration (+) = signals summed

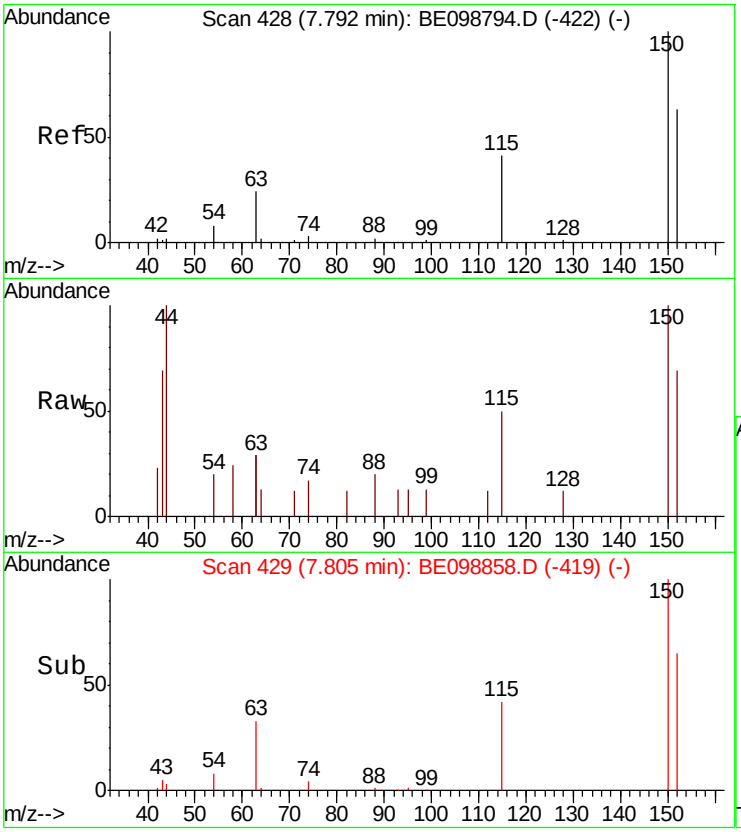
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098858.D
Acq On : 11 Mar 2019 11:48
Operator : JU/SJ
Sample : K1793-12DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**

Quant Time: Mar 11 13:42:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



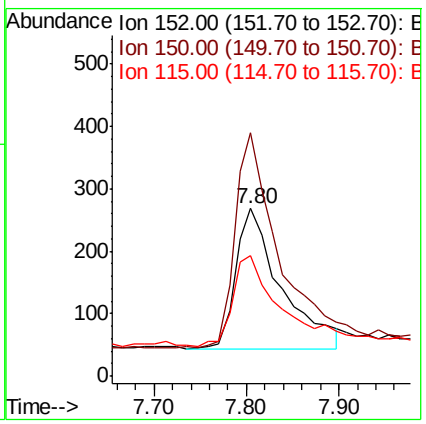


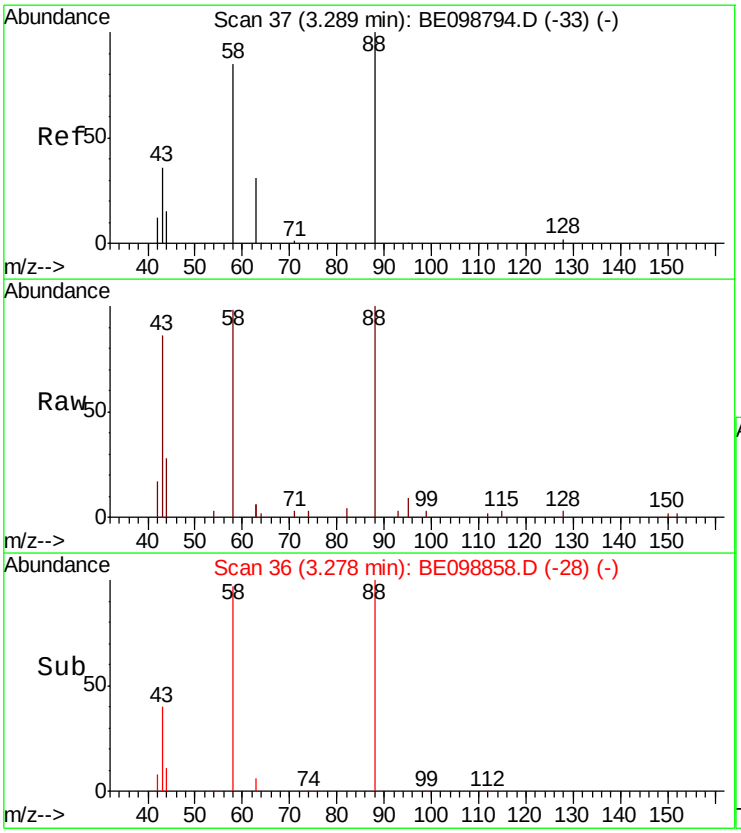

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:152 Resp: 760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.0 | 122.5 | 183.7 |
| 115 | 72.1 | 57.4 | 86.2 |

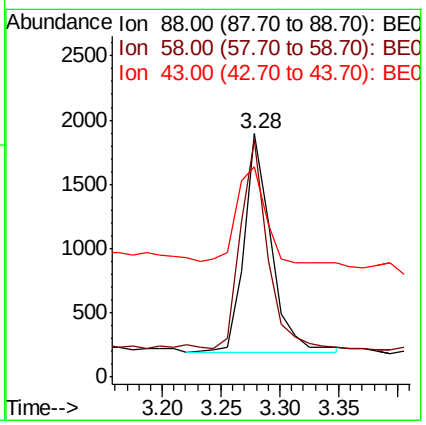


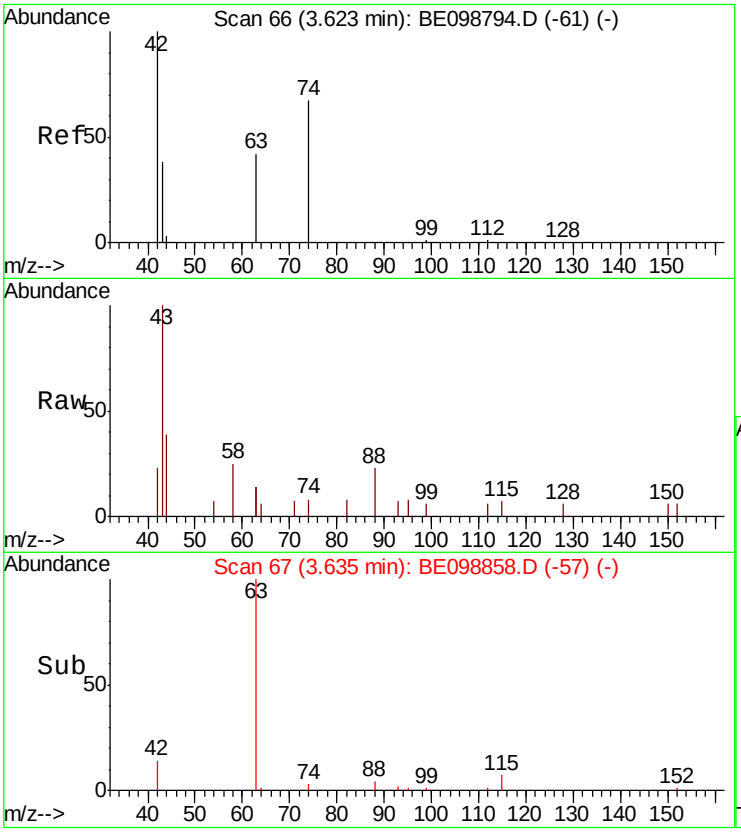




#2
1,4-Dioxane
Concen: 2.245 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion: 88 Resp: 2749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.8 | 75.8 | 113.6 |
| 43 | 46.7 | 41.8 | 62.8 |



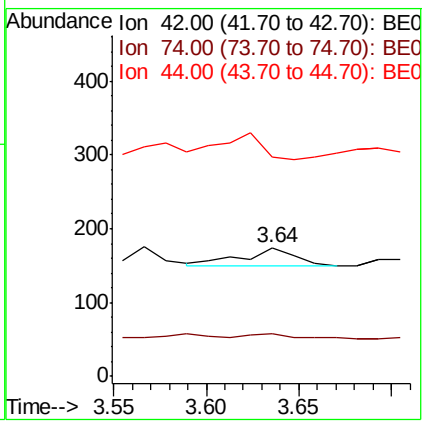


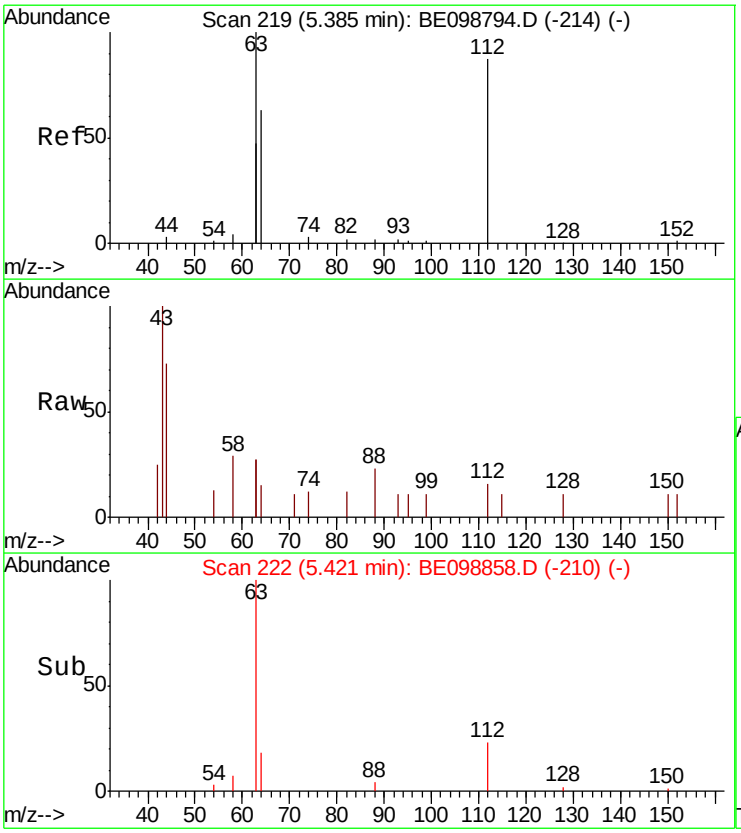

#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 42 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 22.0 | 57.0 | 85.4# |
| 44 | 118.0 | 0.0 | 0.0# |

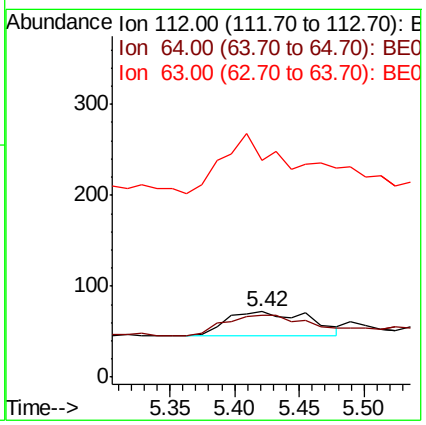


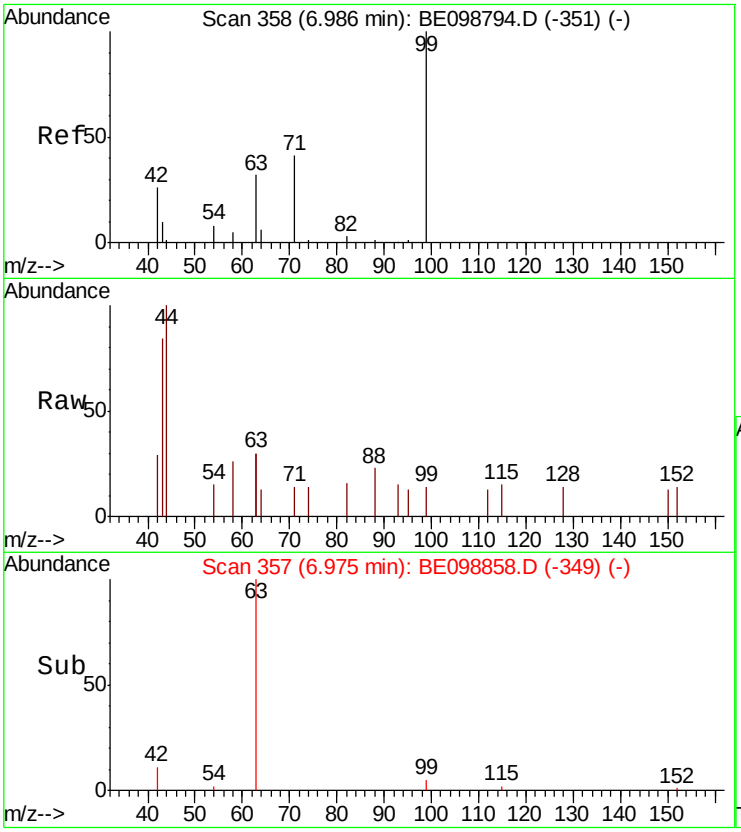




#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:112 Resp: 123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 94.3 | 57.9 | 86.9# |
| 63 | 166.7 | 158.3 | 237.5 |



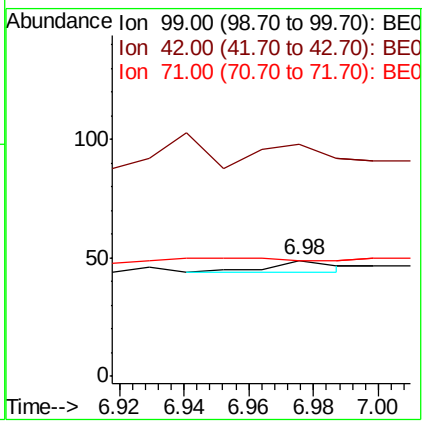


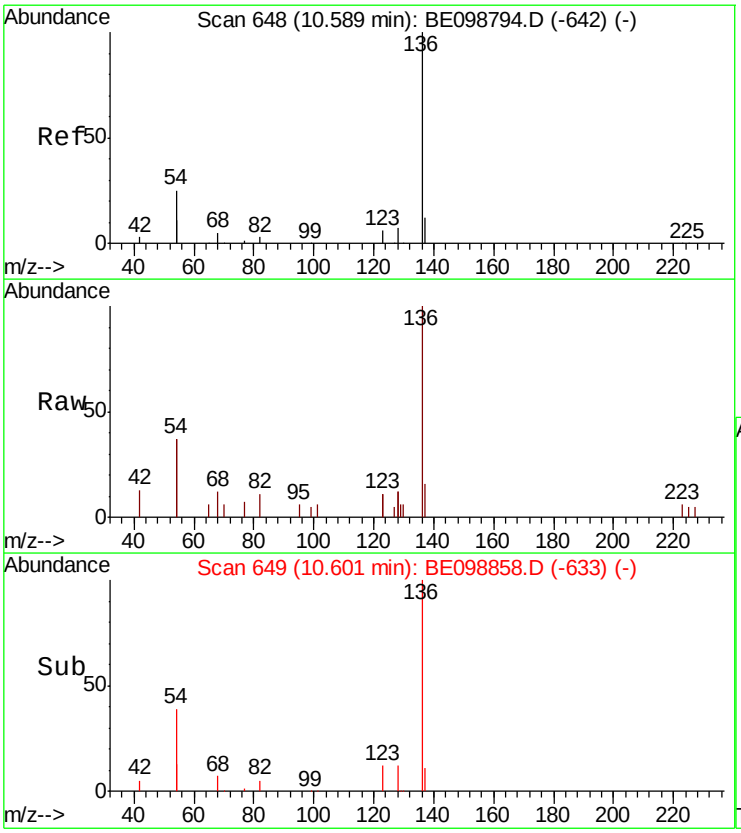

#5
Phenol-d6
Concen: 0.002 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 99 Resp: 7

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 24.2 | 36.2# |
| 71 | 0.0 | 35.7 | 53.5# |

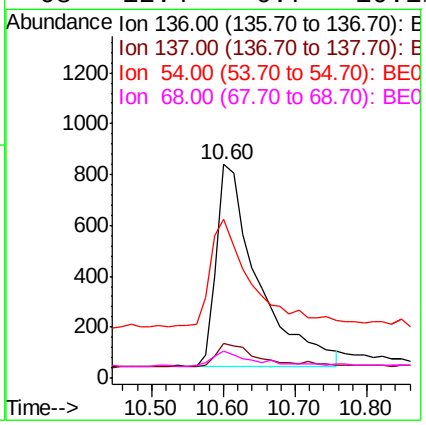


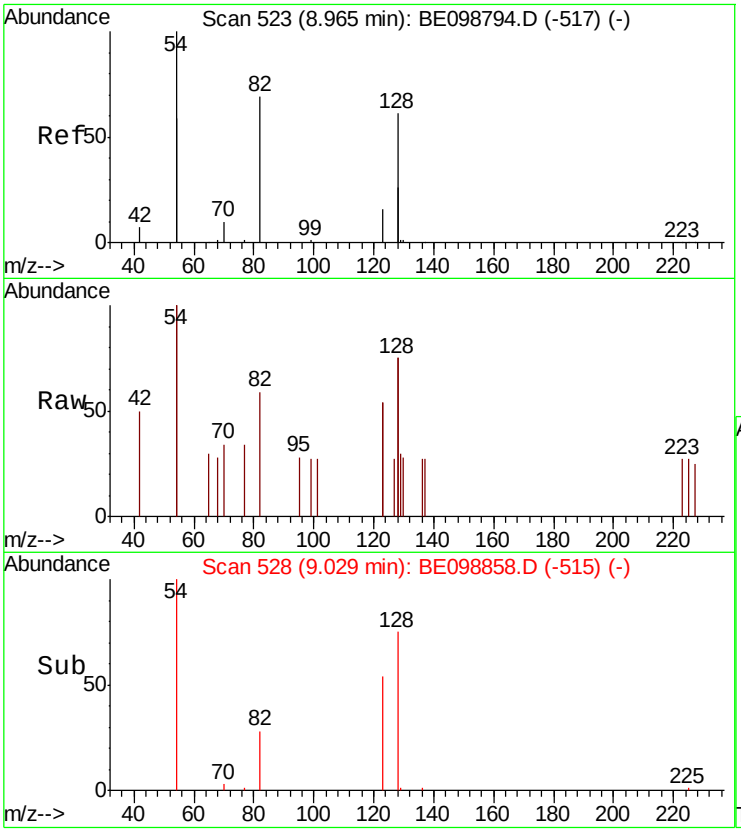




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:136 Resp: 3215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 16.4 | 11.4 | 17.0 |
| 54 | 74.5 | 39.3 | 58.9# |
| 68 | 12.4 | 6.7 | 10.1# |



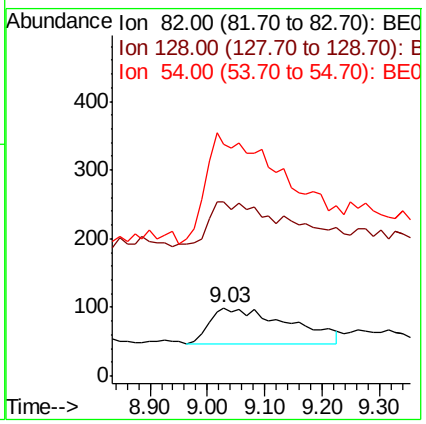


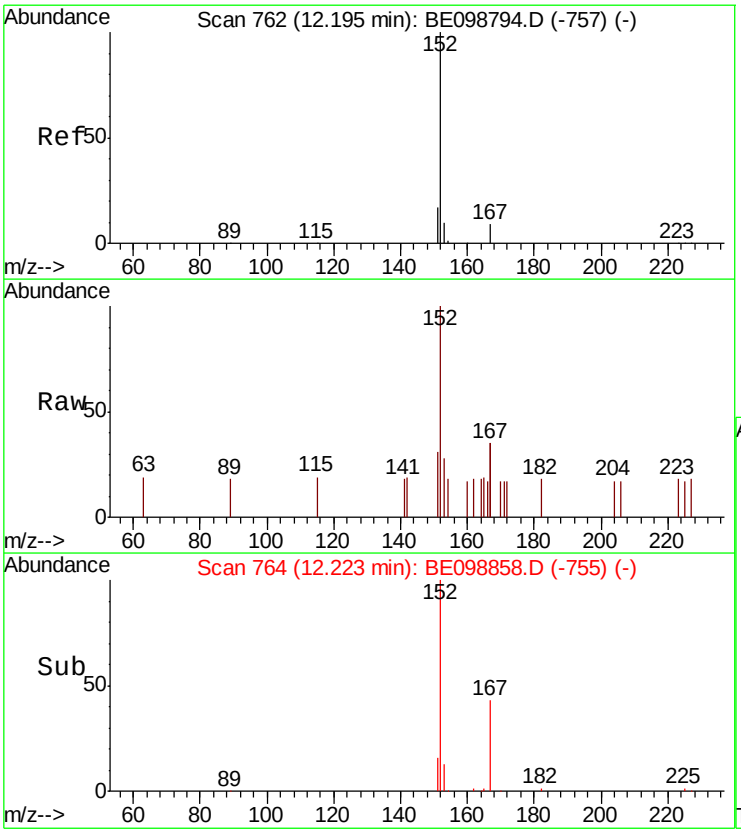

#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.06 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 82 Resp: 501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 256.6 | 123.8 | 185.8# |
| 54 | 341.4 | 203.4 | 305.2# |

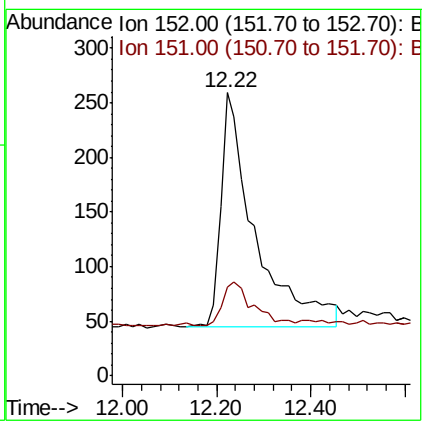


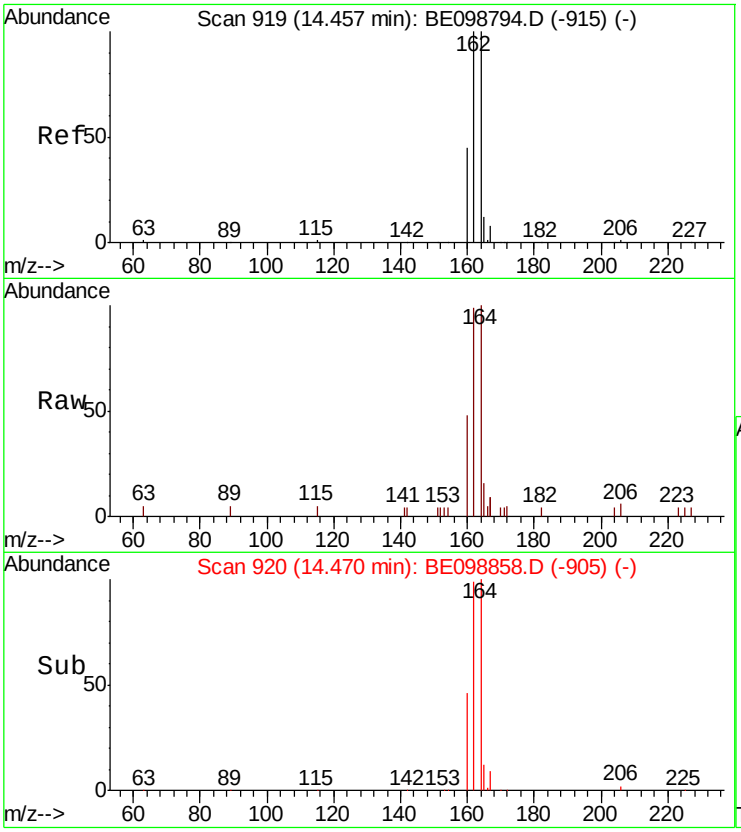




#11
2-Methylnaphthalene-d10
Concen: 0.180 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:152 Resp: 1068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.6 | 16.5 | 24.7 |



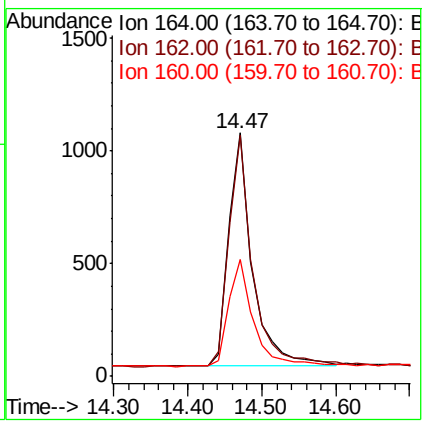


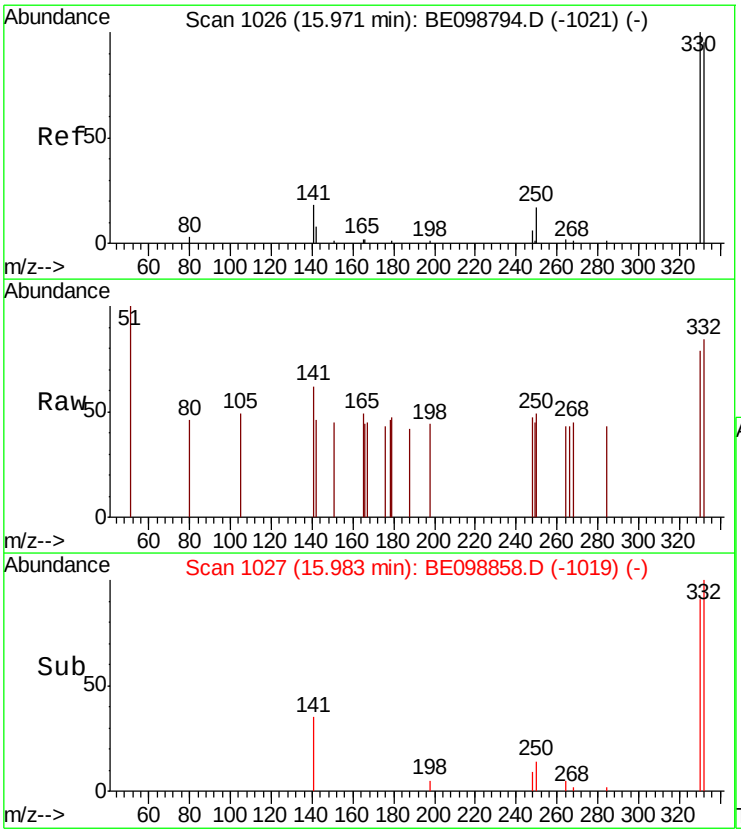

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:164 Resp: 2328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 80.2 | 120.2 |
| 160 | 48.1 | 37.8 | 56.8 |

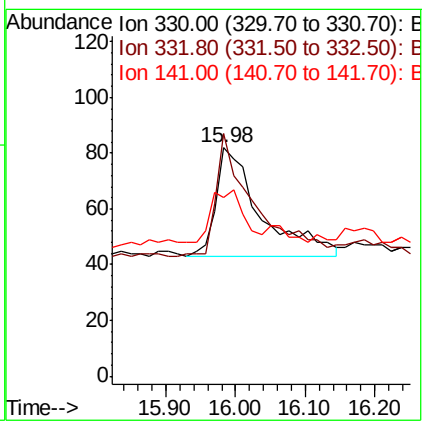


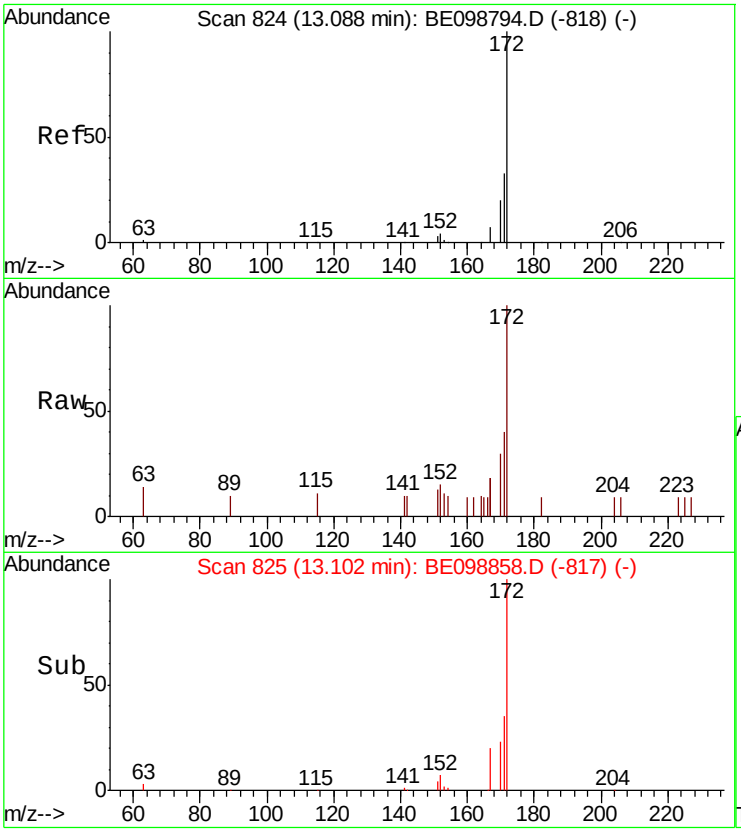




#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:330 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 77.6 | 116.4 |
| 141 | 33.9 | 31.0 | 46.4 |



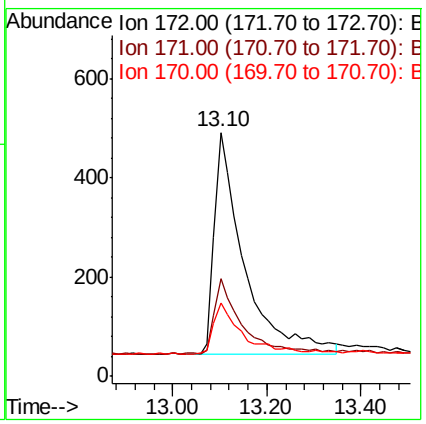


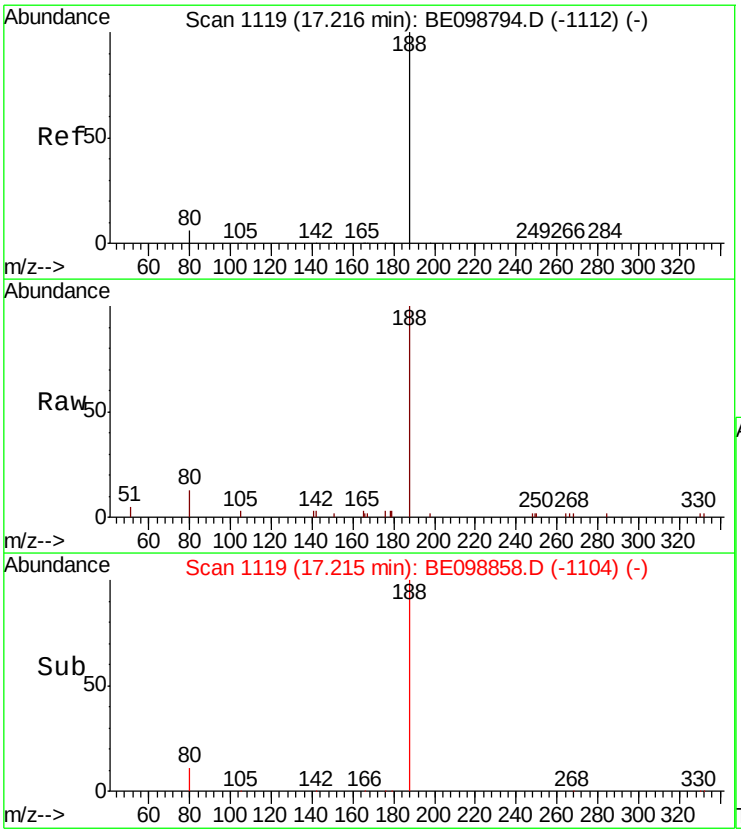

#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:172 Resp: 1976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.3 | 28.0 | 42.0 |
| 170 | 30.1 | 17.7 | 26.5# |

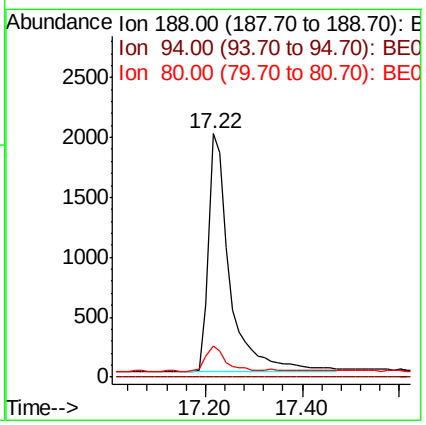


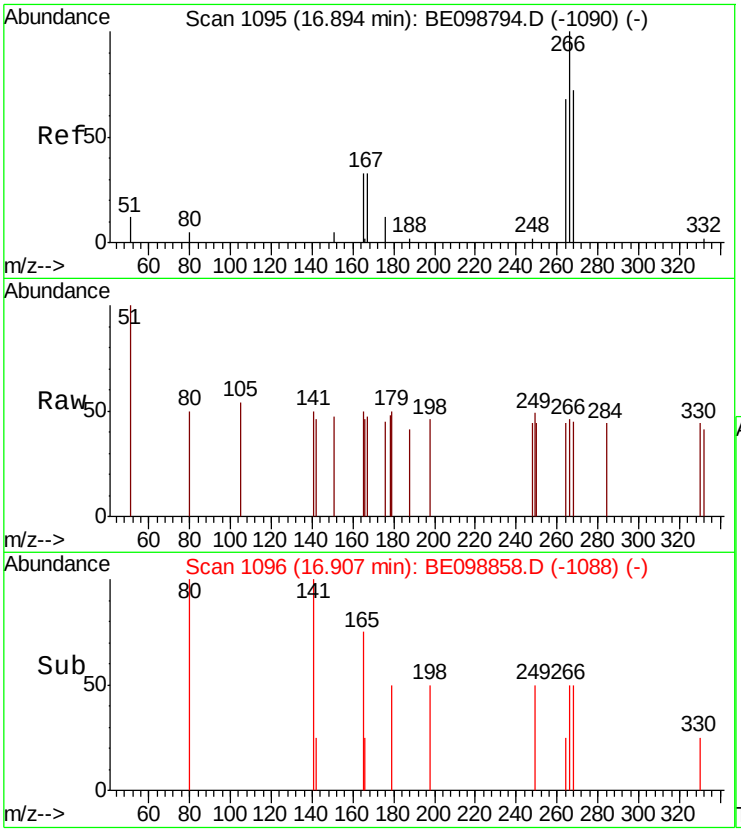




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:188 Resp: 6051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.9 | 6.3 | 9.5# |



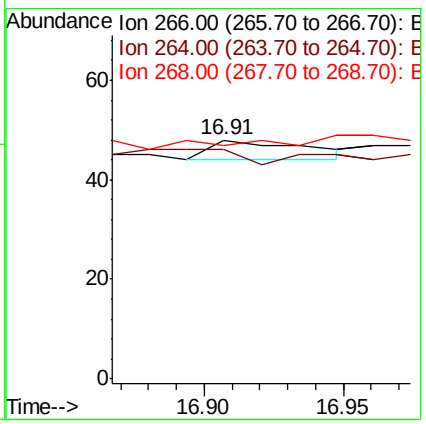


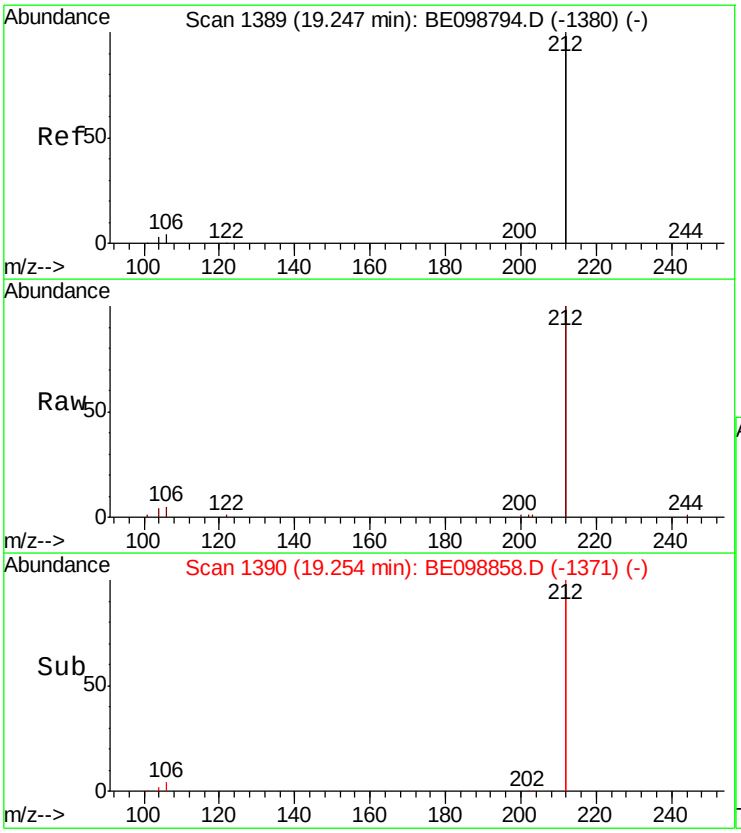

#22
Pentachlorophenol
Concen: 0.272 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:266 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 95.8 | 66.6 | 100.0 |
| 268 | 97.9 | 69.8 | 104.8 |

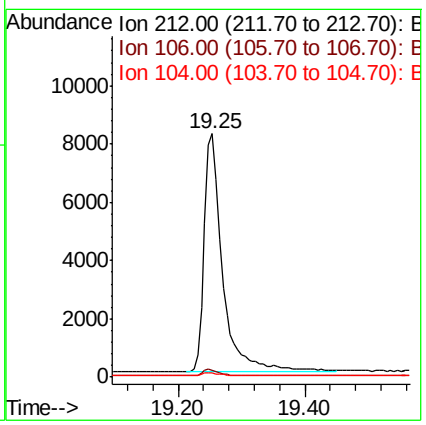


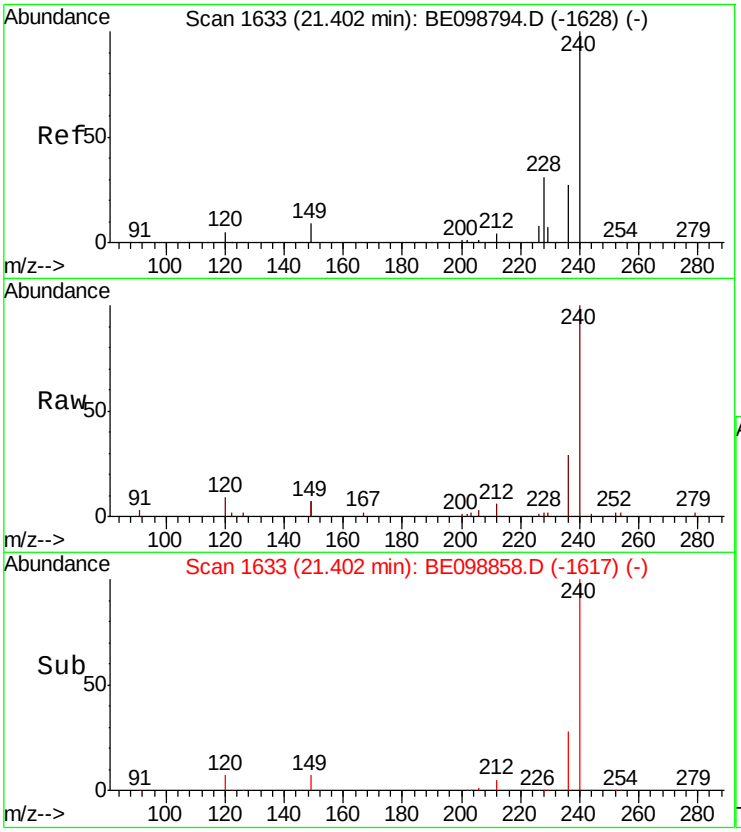




#25
Fluoranthene-d10
Concen: 0.171 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:212 Resp: 16531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.4 | 1.8 | 2.8 |
| 104 | 1.4 | 1.0 | 1.6 |



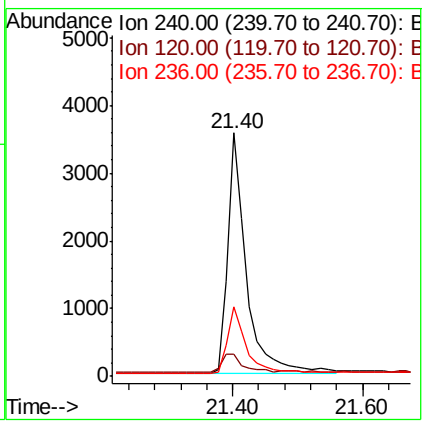


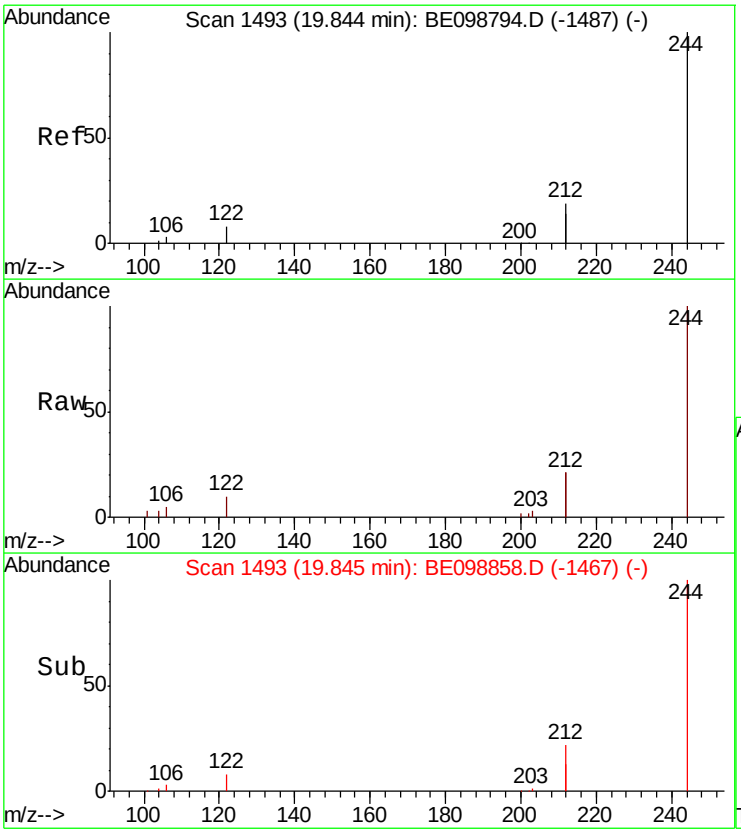

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:240 Resp: 7142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 5.0 | 7.4# |
| 236 | 28.8 | 22.7 | 34.1 |

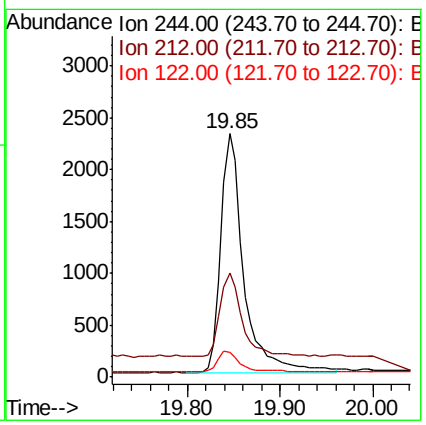


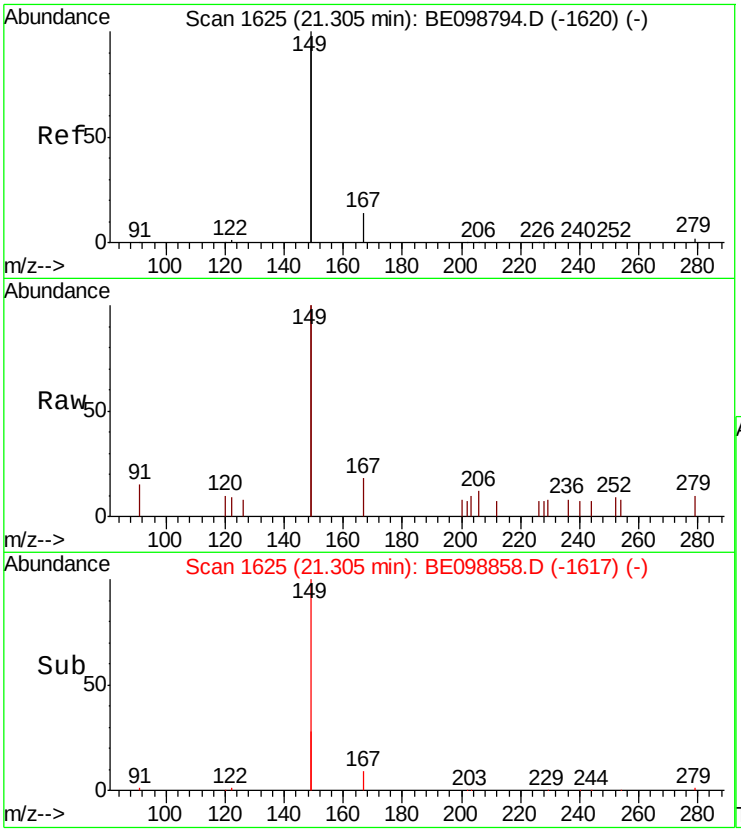




#29
Terphenyl-d14
Concen: 0.227 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:244 Resp: 3937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 42.7 | 29.4 | 44.2 |
| 122 | 10.4 | 7.1 | 10.7 |



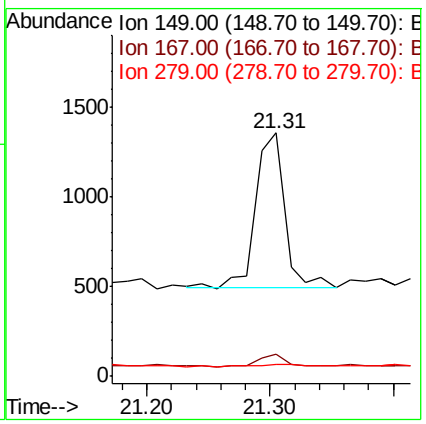


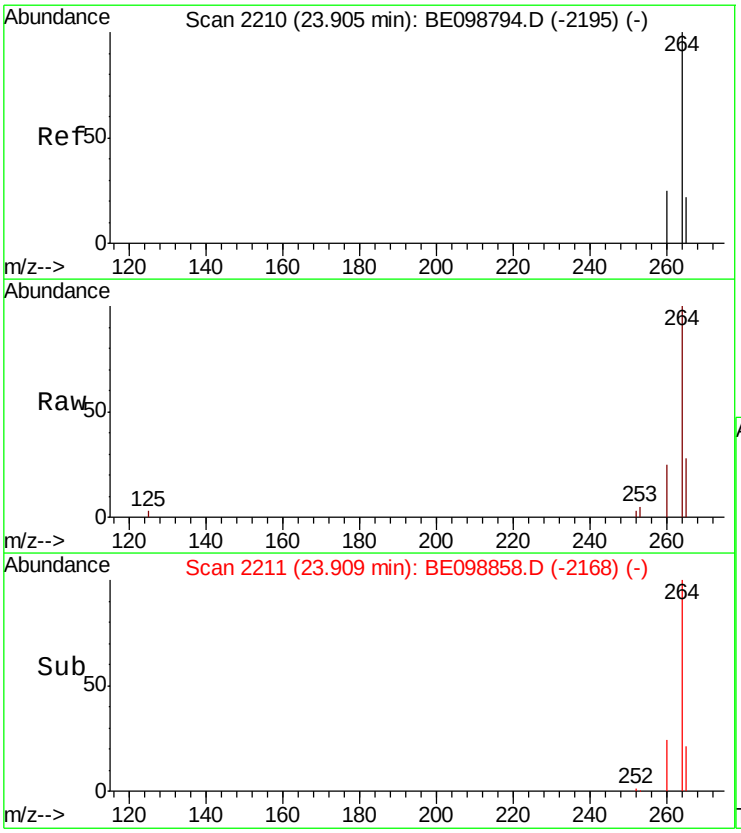

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:149 Resp: 1430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 8.0 | 5.4 | 8.0 |
| 279 | 3.1 | 1.0 | 1.4# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:264 Resp: 7118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 21.2 | 31.8 |
| 265 | 27.8 | 24.6 | 36.8 |