Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098934.D
Acq On : 14 Mar 2019 6:15
Operator : JU/SJ
Sample : K1860-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 14 06:58:24 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 | 669 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 3059 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 2194 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 5712 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 6628 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.90 | 264 | 6403 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 326 | 0.16 | ng | | 0.04 |
| 5) Phenol-d6 | 6.95 | 99 | 5 | 0.00 | ng | | -0.03 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 908 | 0.28 | ng | | 0.04 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 1829 | 0.32 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 421 | 0.38 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 3765 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 29720 | 0.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 8270 | 0.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 9536 | 9.154 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.66 | 42 | 43 | 0.026 | ng | # | 20 |
| 22) Pentachlorophenol | 16.88 | 266 | 5 | 0.268 | ng | | 87 |
| 23) Phenanthrene | 17.25 | 178 | 683 | 0.042 | ng | # | 80 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 2383 | 0.054 | ng | # | 98 |

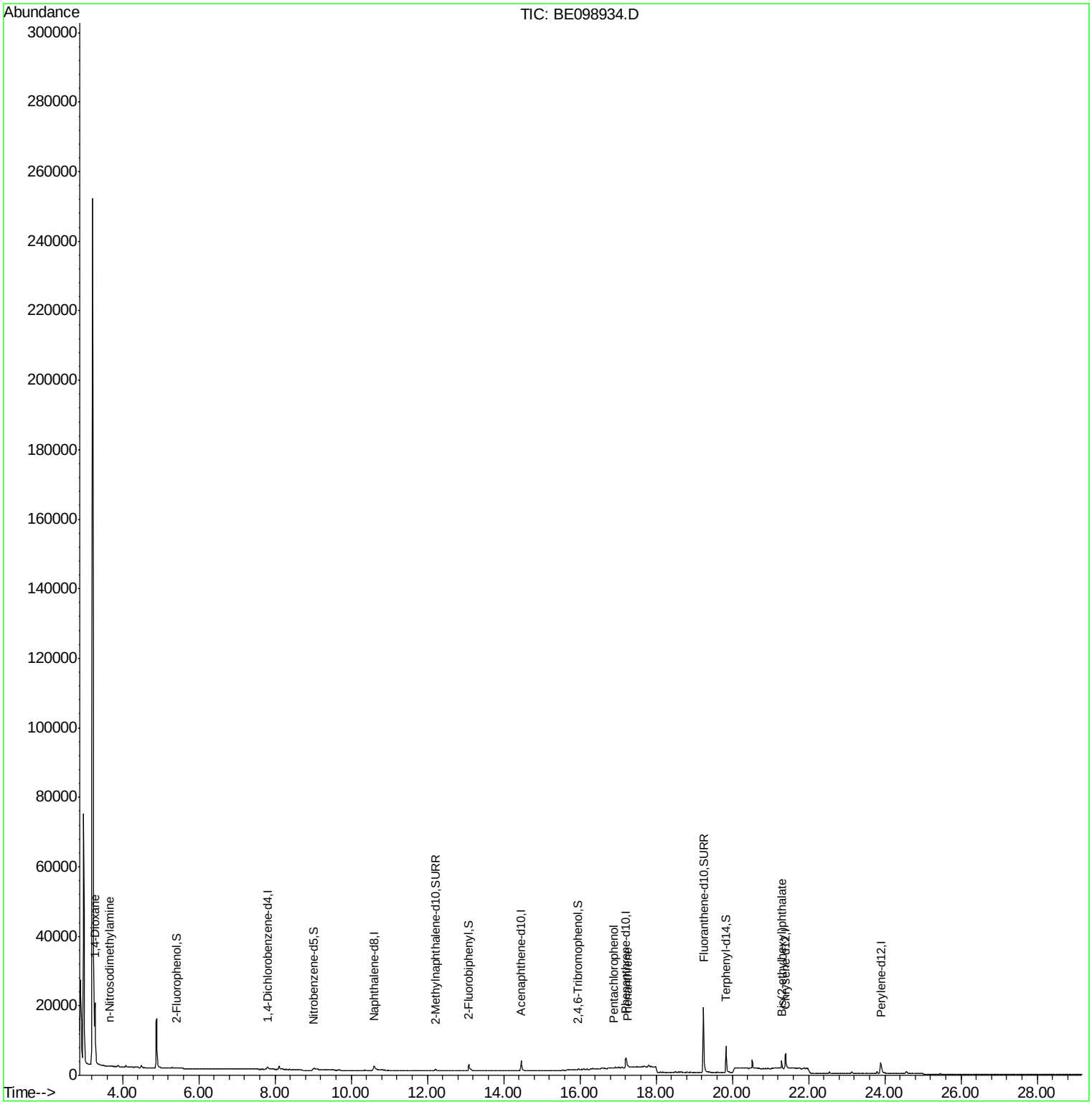
(#) = qualifier out of range (m) = manual integration (+) = signals summed

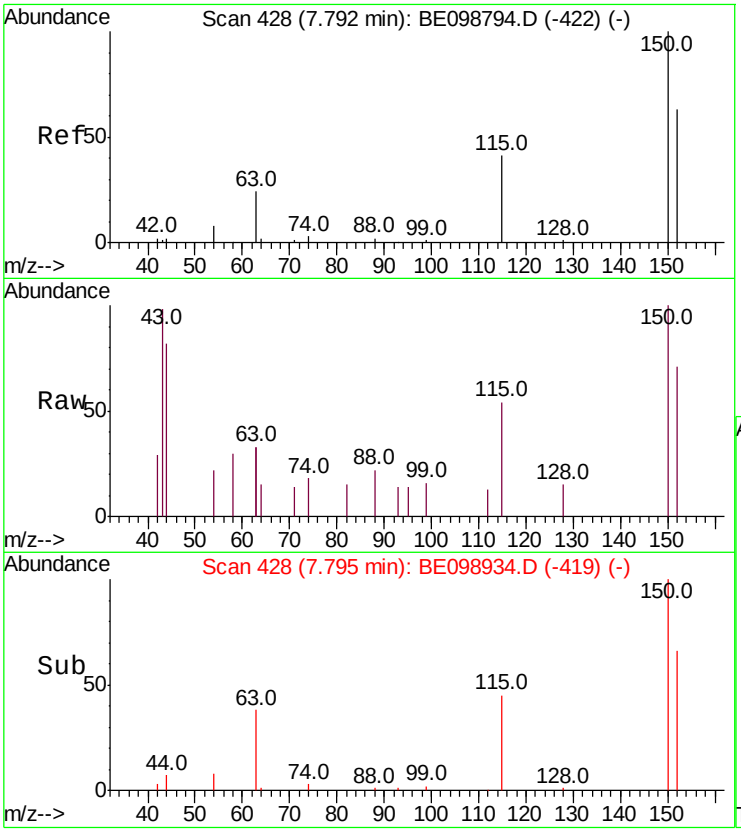
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098934.D
Acq On : 14 Mar 2019 6:15
Operator : JU/SJ
Sample : K1860-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 14 06:58:24 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



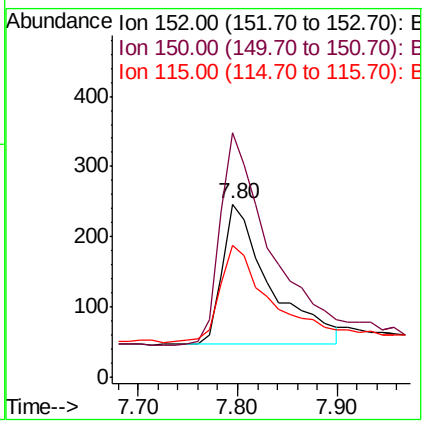


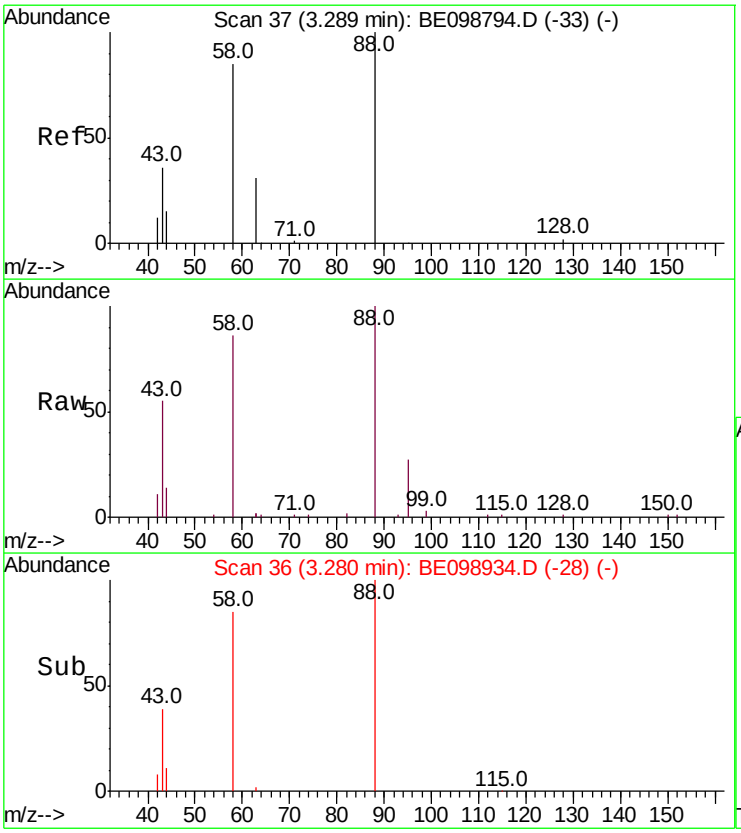

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:152 Resp: 669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.5 | 122.5 | 183.7 |
| 115 | 76.0 | 57.4 | 86.2 |

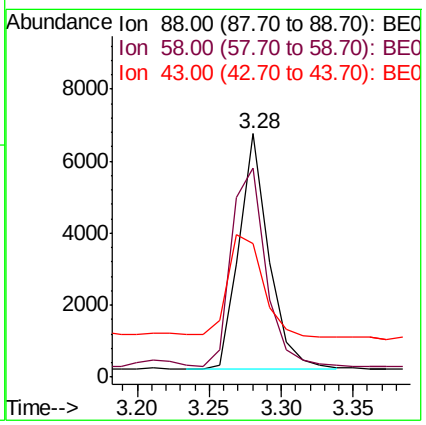


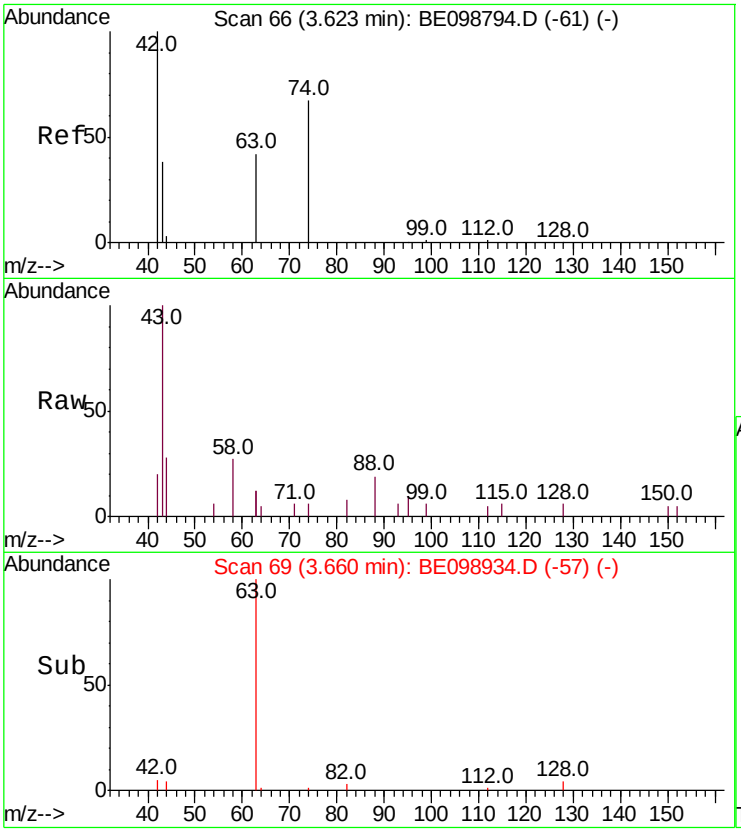




#2
1,4-Dioxane
Concen: 9.154 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion: 88 Resp: 9536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 95.0 | 75.8 | 113.6 |
| 43 | 51.7 | 41.8 | 62.8 |



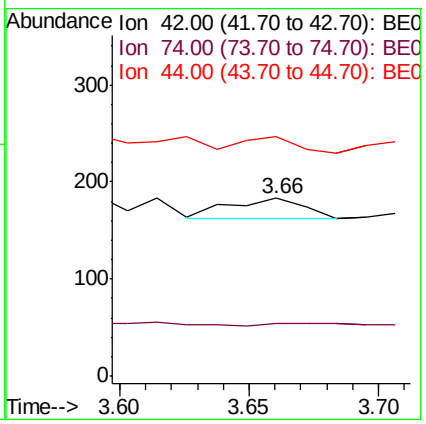


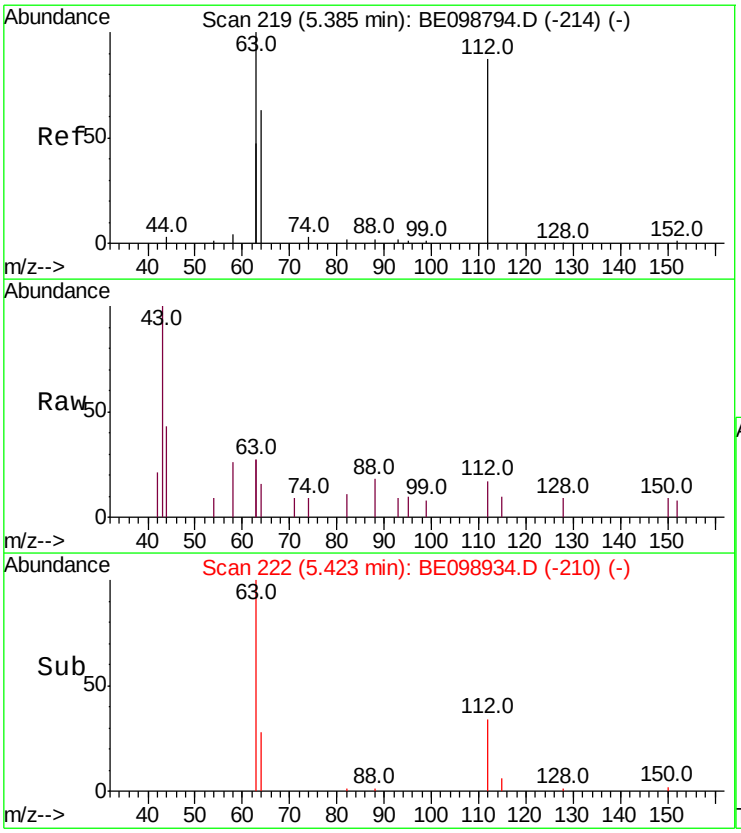

#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion: 42 Resp: 43

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 4.7 | 57.0 | 85.4# |
| 44 | 60.5 | 0.0 | 0.0# |

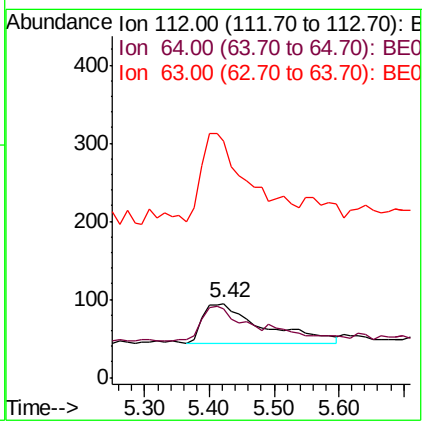


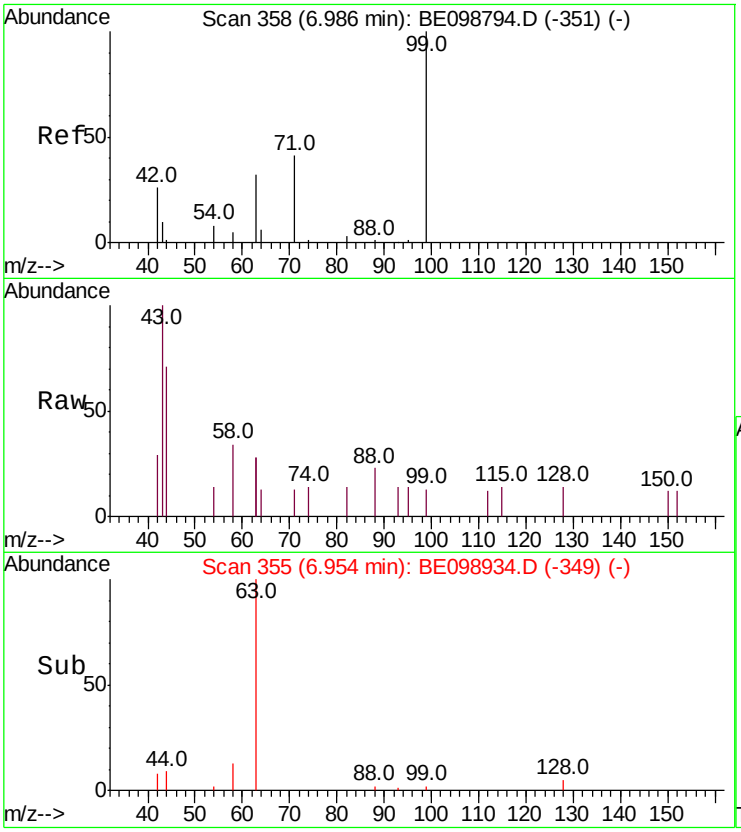




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:112 Resp: 326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 0.0 | 57.9 | 86.9# |
| 63 | 0.0 | 158.3 | 237.5# |



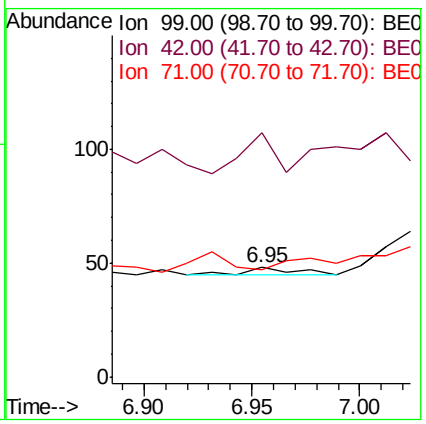


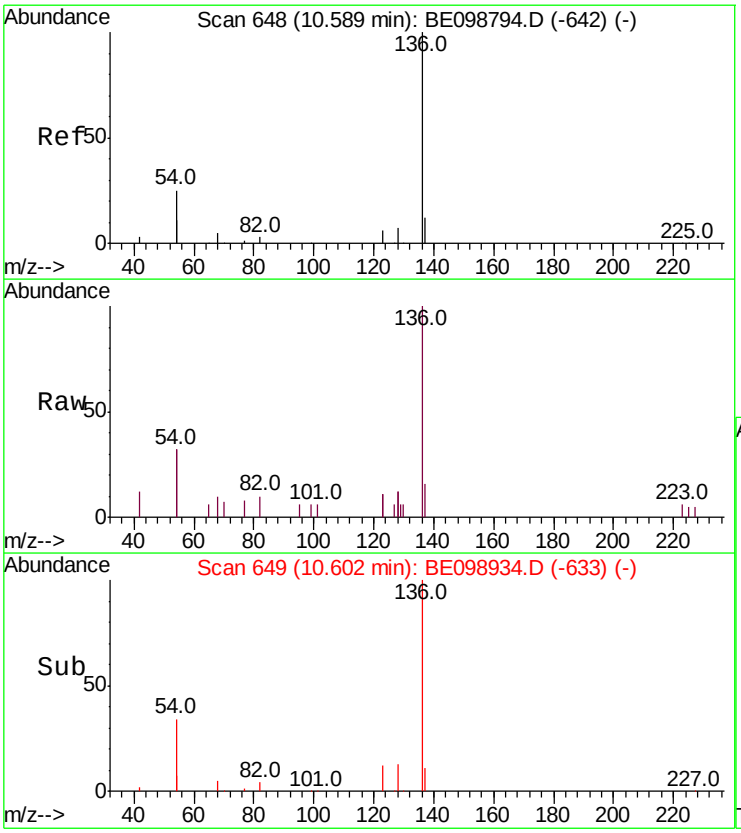

#5
Phenol-d6
Concen: 0.002 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion: 99 Resp: 5

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 360.0 | 24.2 | 36.2# |
| 71 | 0.0 | 35.7 | 53.5# |

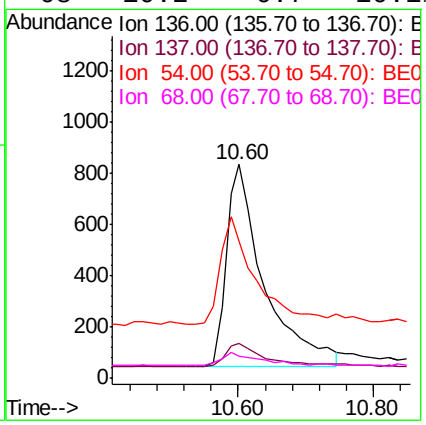


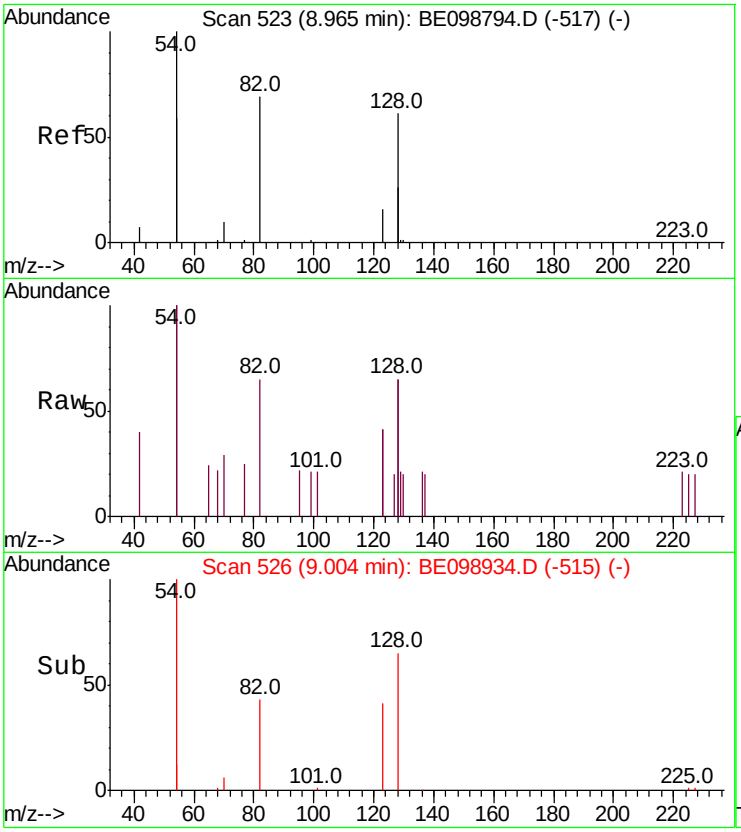




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:136 Resp: 3059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 16.0 | 11.4 | 17.0 |
| 54 | 64.4 | 39.3 | 58.9# |
| 68 | 10.2 | 6.7 | 10.1# |



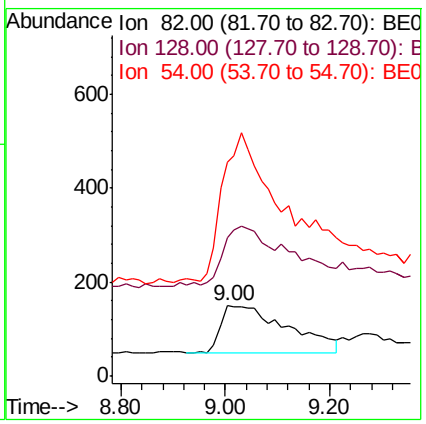


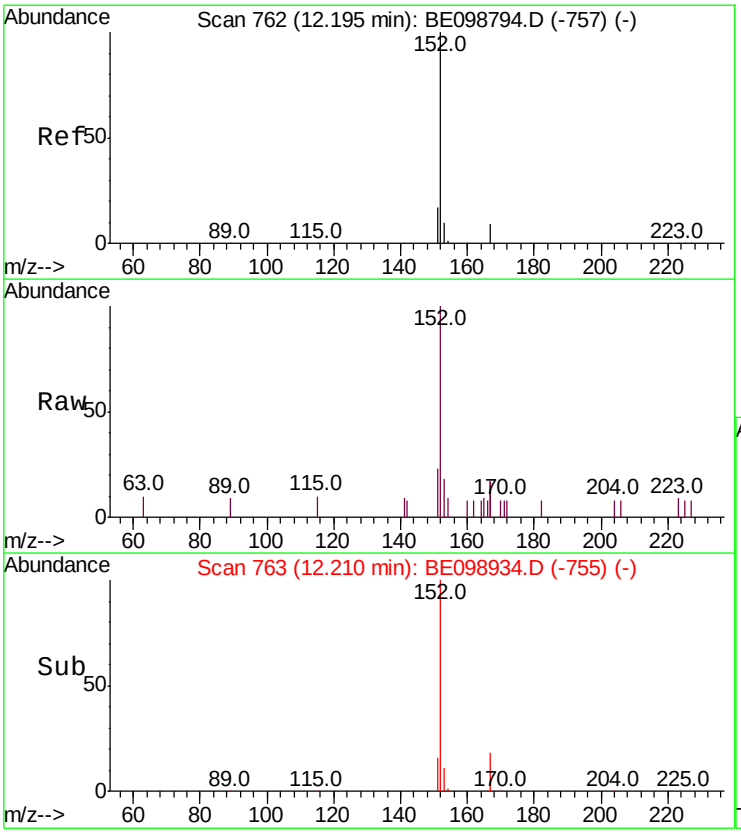

#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion: 82 Resp: 908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 198.7 | 123.8 | 185.8# |
| 54 | 306.0 | 203.4 | 305.2# |

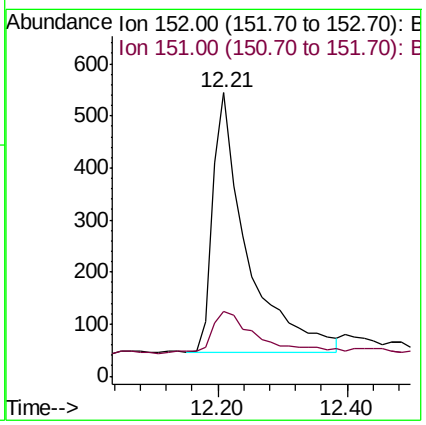


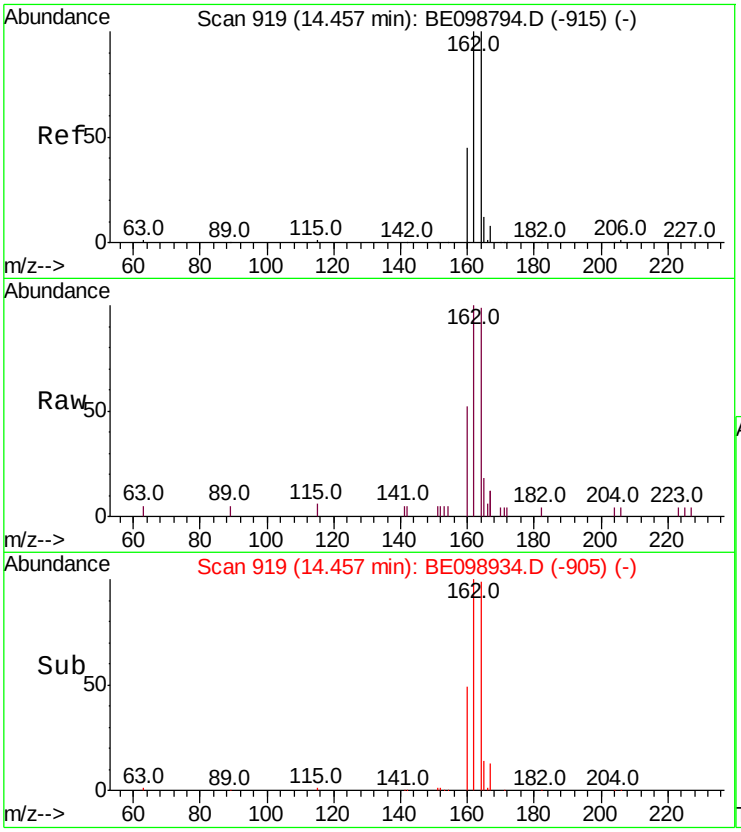




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:152 Resp: 1829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.5 | 16.5 | 24.7 |



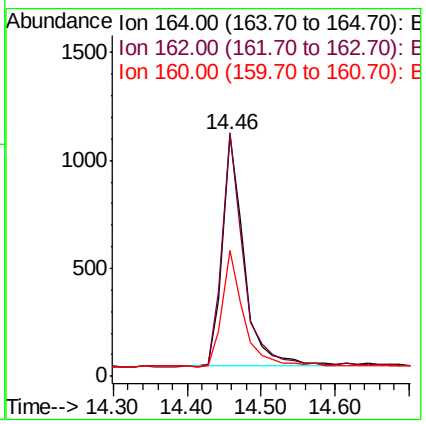


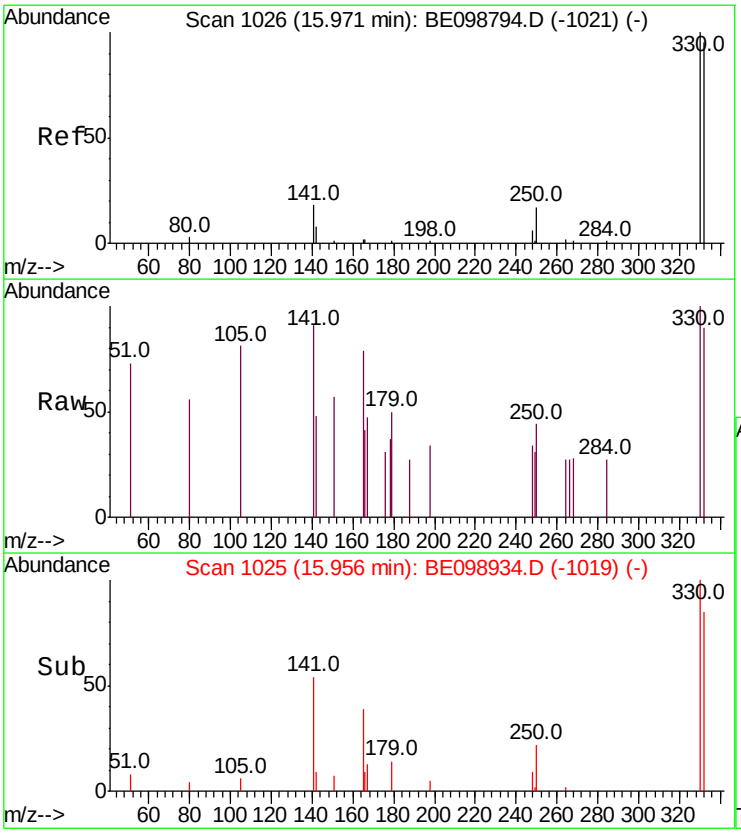

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:164 Resp: 2194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.2 | 120.2 |
| 160 | 52.0 | 37.8 | 56.8 |

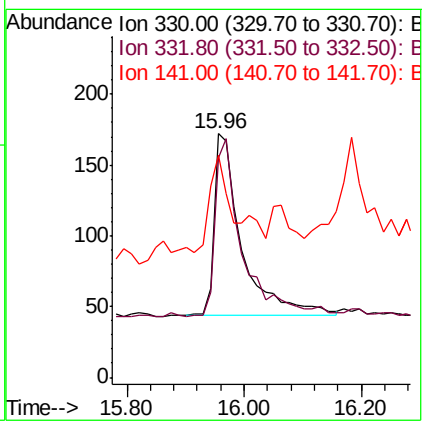


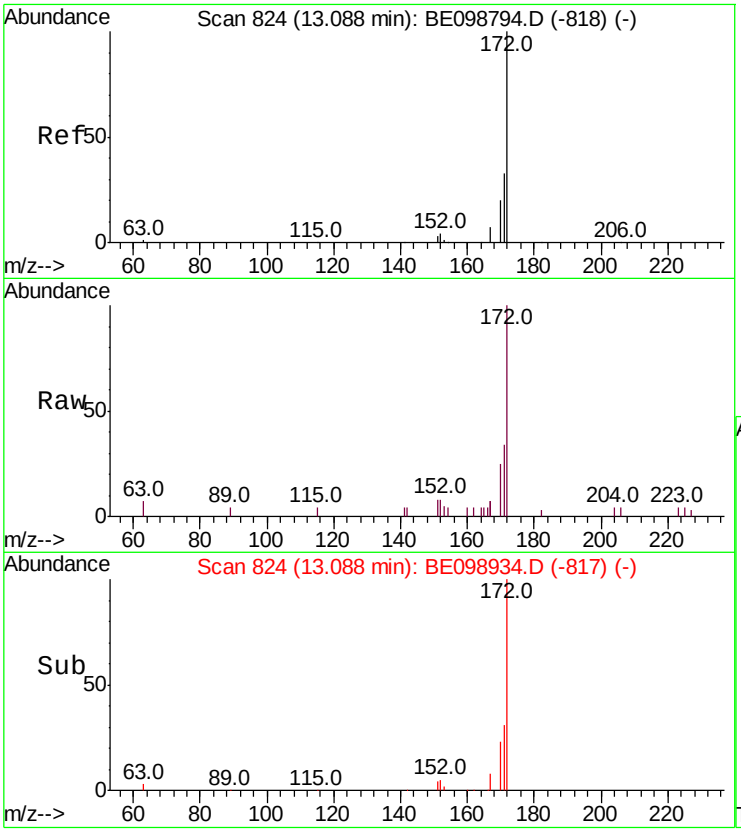




#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:330 Resp: 421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.6 | 116.4 |
| 141 | 39.2 | 31.0 | 46.4 |



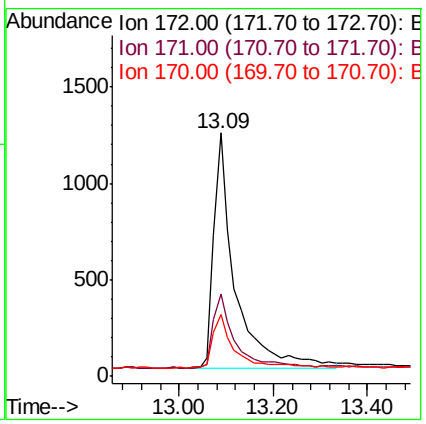


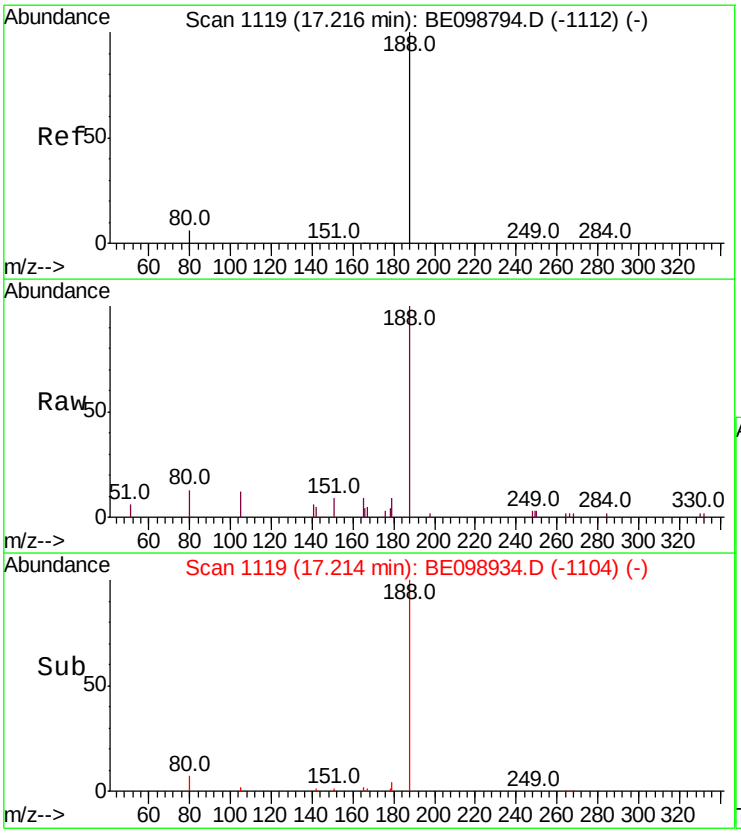

#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:172 Resp: 3765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 28.0 | 42.0 |
| 170 | 25.3 | 17.7 | 26.5 |

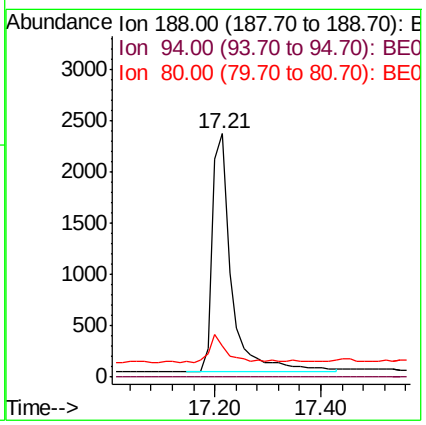


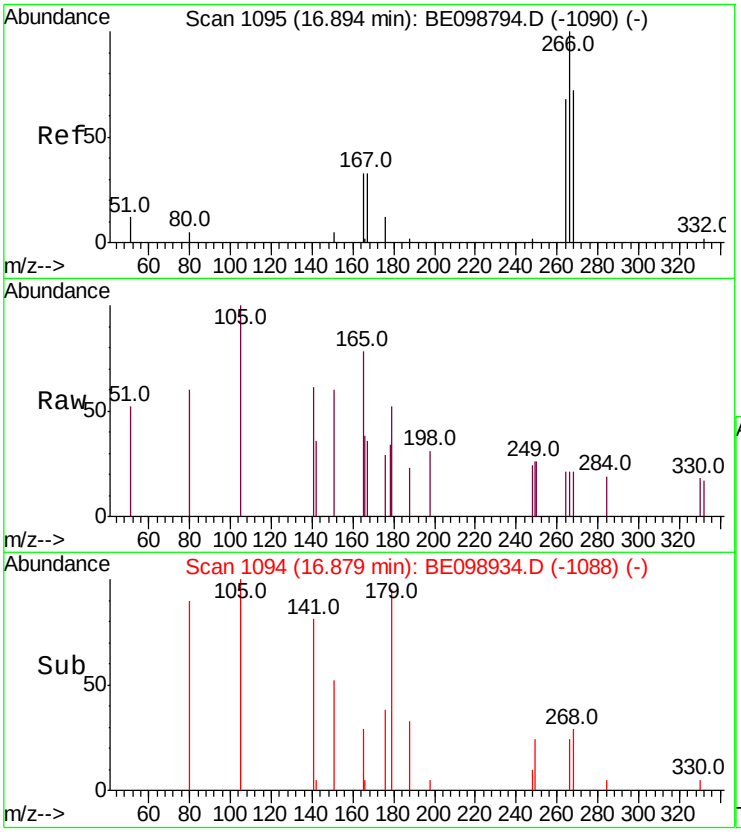




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:188 Resp: 5712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.0 | 6.3 | 9.5# |



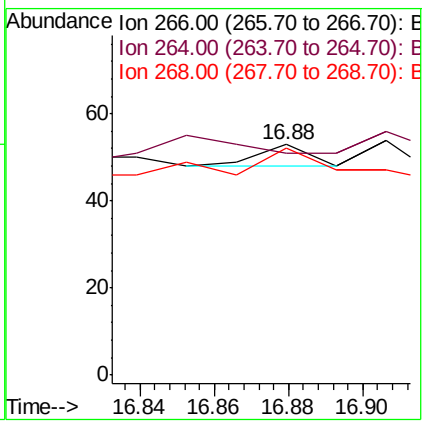


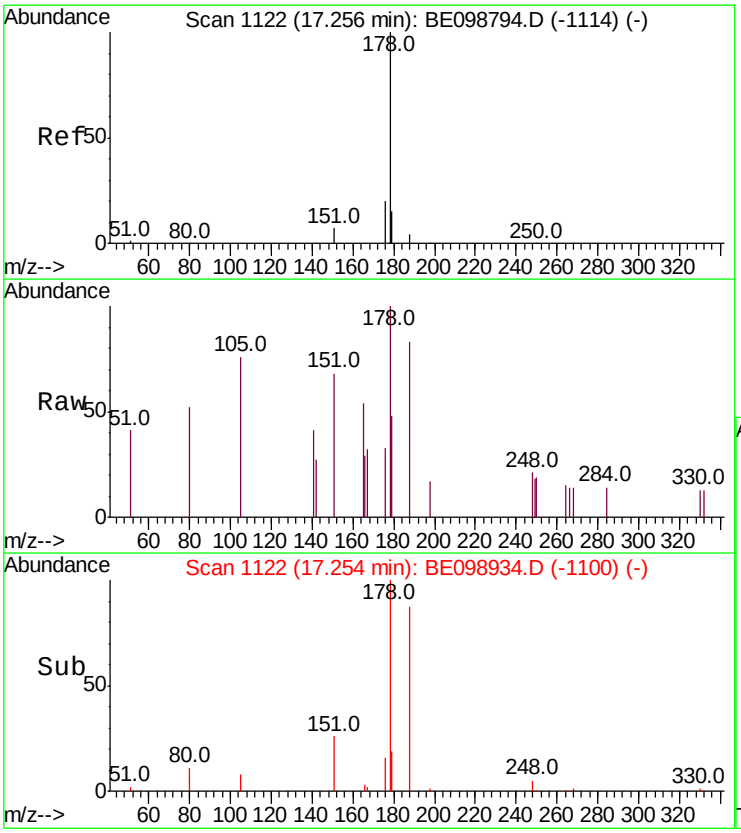

#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:266 Resp: 5

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 96.2 | 66.6 | 100.0 |
| 268 | 98.1 | 69.8 | 104.8 |

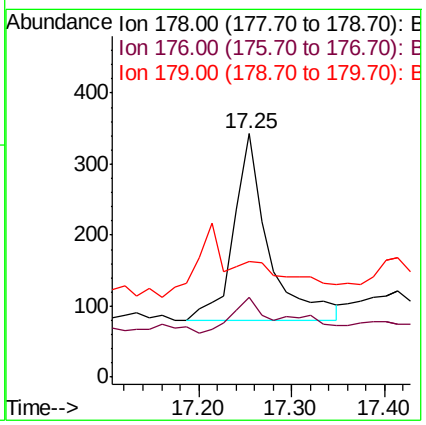


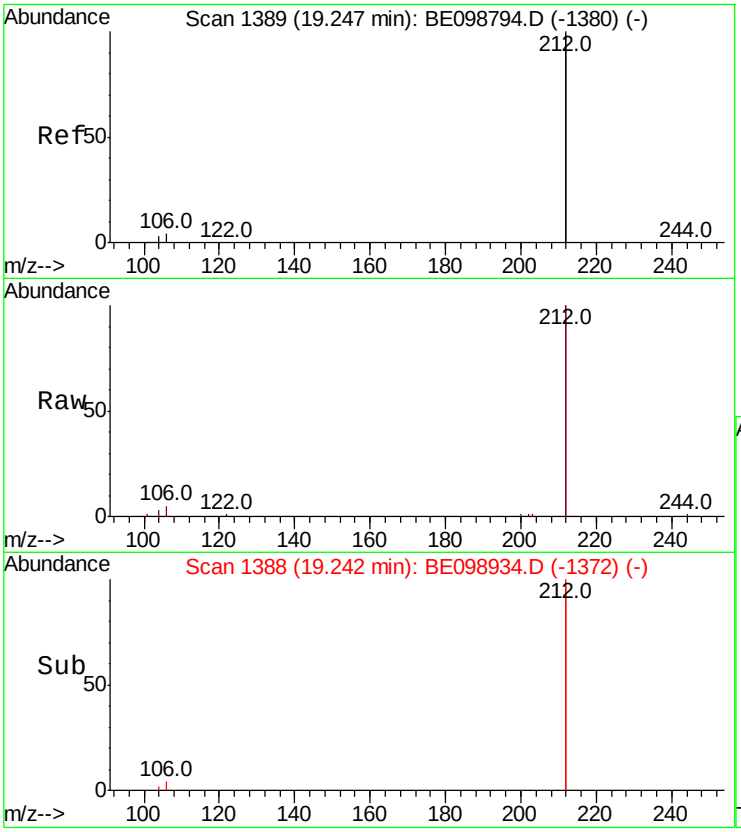




#23
Phenanthrene
Concen: 0.042 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:178 Resp: 683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 16.7 | 16.0 | 24.0 |
| 179 | 0.0 | 12.1 | 18.1# |



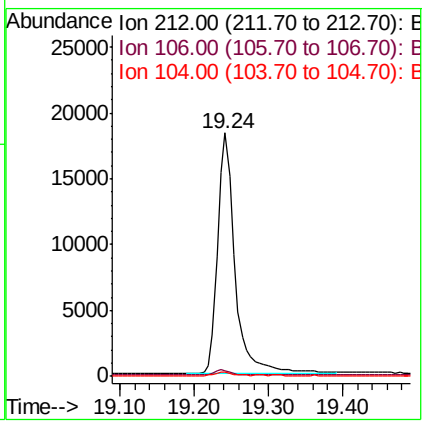


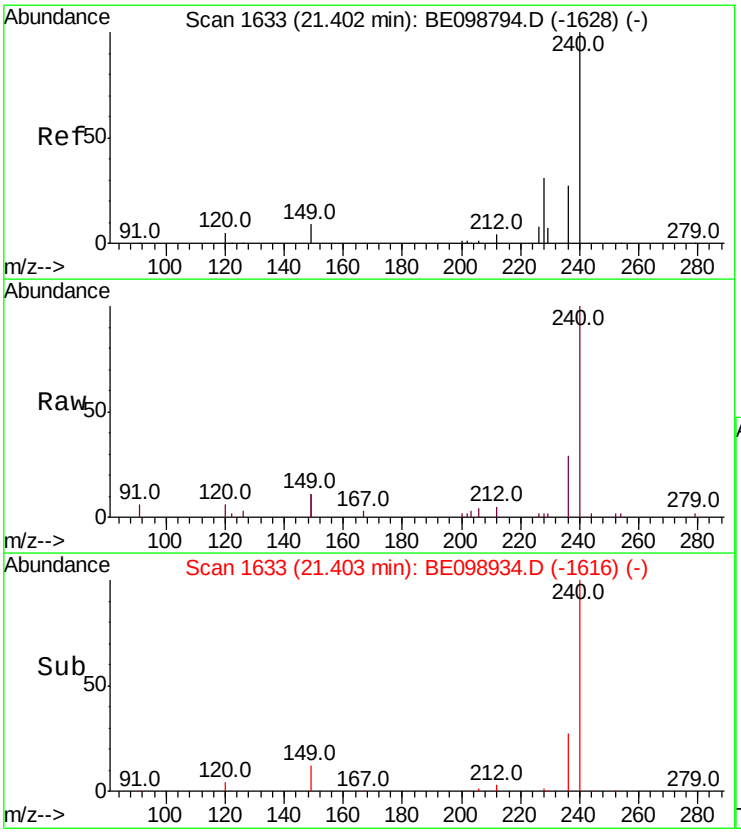

#25
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:212 Resp: 29720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.3 | 1.8 | 2.8 |
| 104 | 1.3 | 1.0 | 1.6 |

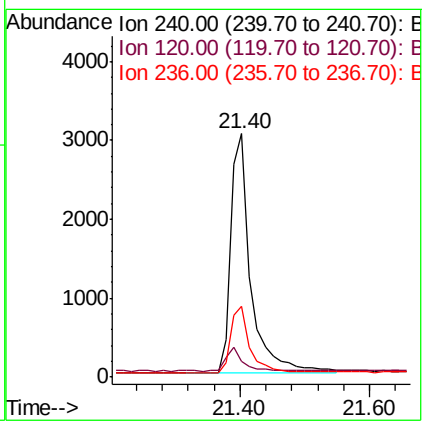


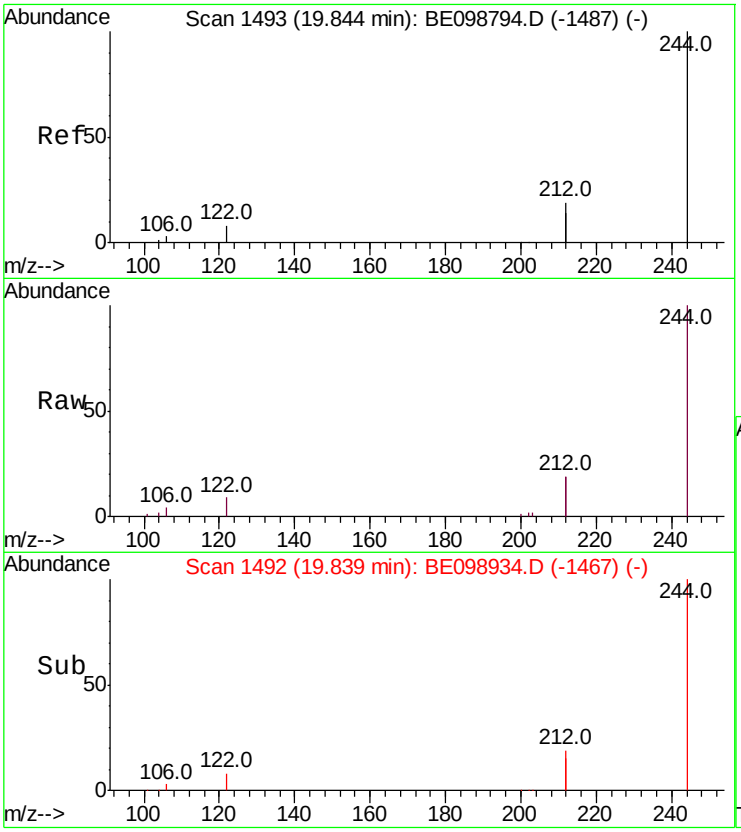




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:240 Resp: 6628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.5 | 5.0 | 7.4 |
| 236 | 29.0 | 22.7 | 34.1 |



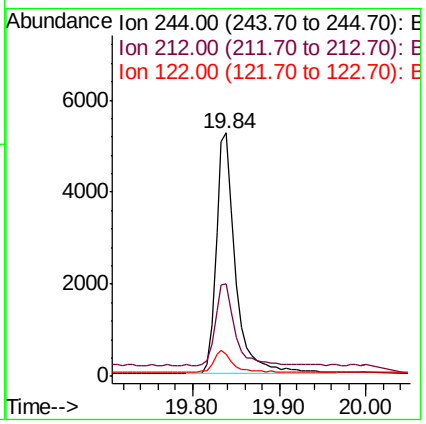


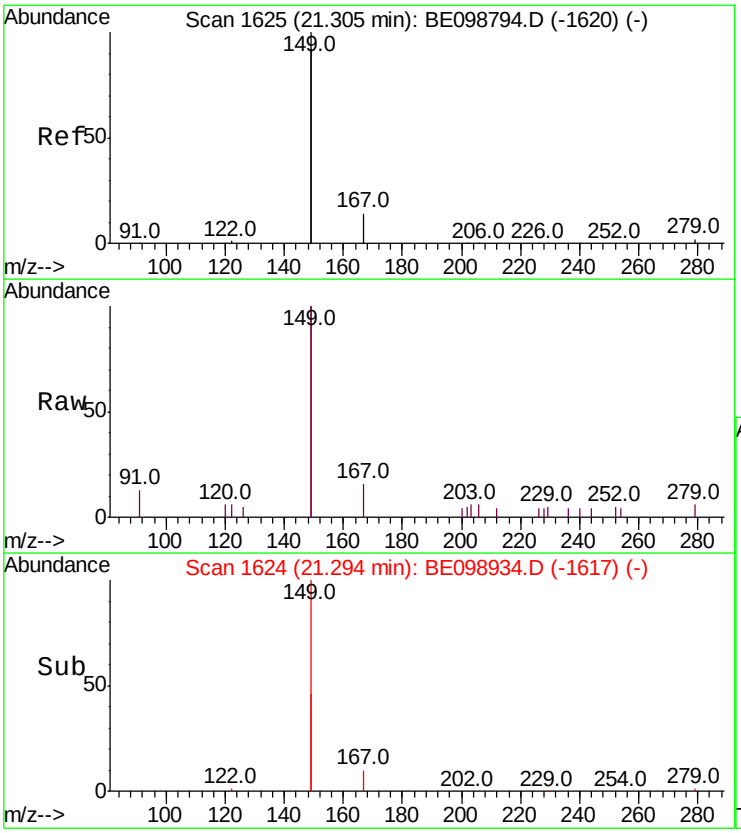

#29
Terphenyl-d14
Concen: 0.513 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:244 Resp: 8270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 37.9 | 29.4 | 44.2 |
| 122 | 9.2 | 7.1 | 10.7 |

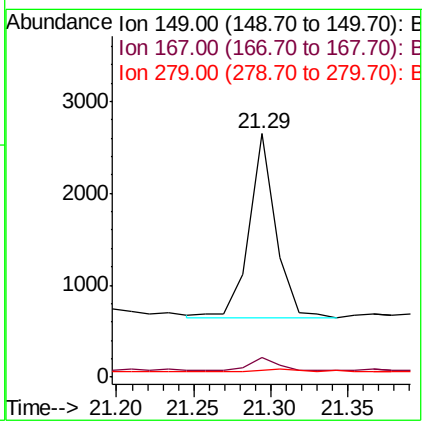


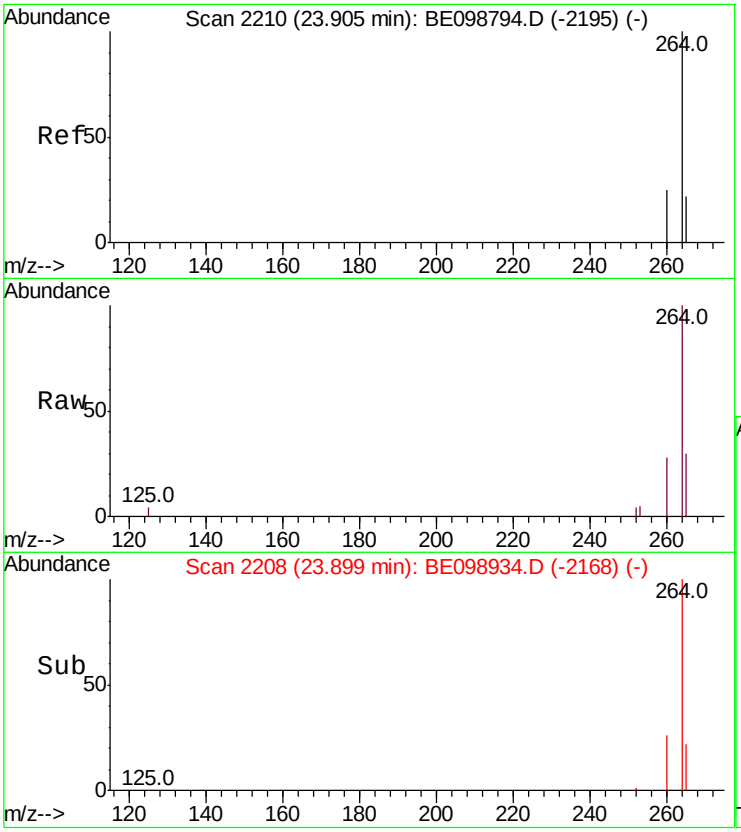




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.054 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion:149 Resp: 2383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.4 | 5.4 | 8.0 |
| 279 | 2.6 | 1.0 | 1.4# |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

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

Tgt Ion:264 Resp: 6403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.6 | 21.2 | 31.8 |
| 265 | 29.8 | 24.6 | 36.8 |