Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098825.D
Acq On : 7 Mar 2019 18:04
Operator : JU/SJ
Sample : K1659-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** M1-T5-OZ(POST)

Quant Time: Mar 08 03:58:39 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 | 7.79 | 152 | 948 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.59 | 136 | 3904 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 2547 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 6333 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 8357 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.90 | 264 | 8211 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 451 | 0.16 | ng | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 379 | 0.09 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.97 | 82 | 1668 | 0.41 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 2789 | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 591 | 0.46 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.07 | 172 | 7295 | 0.69 | ng | -0.01 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 41791 | 0.41 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 11092 | 0.55 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 20130 | 0.363 | ng | 99 |

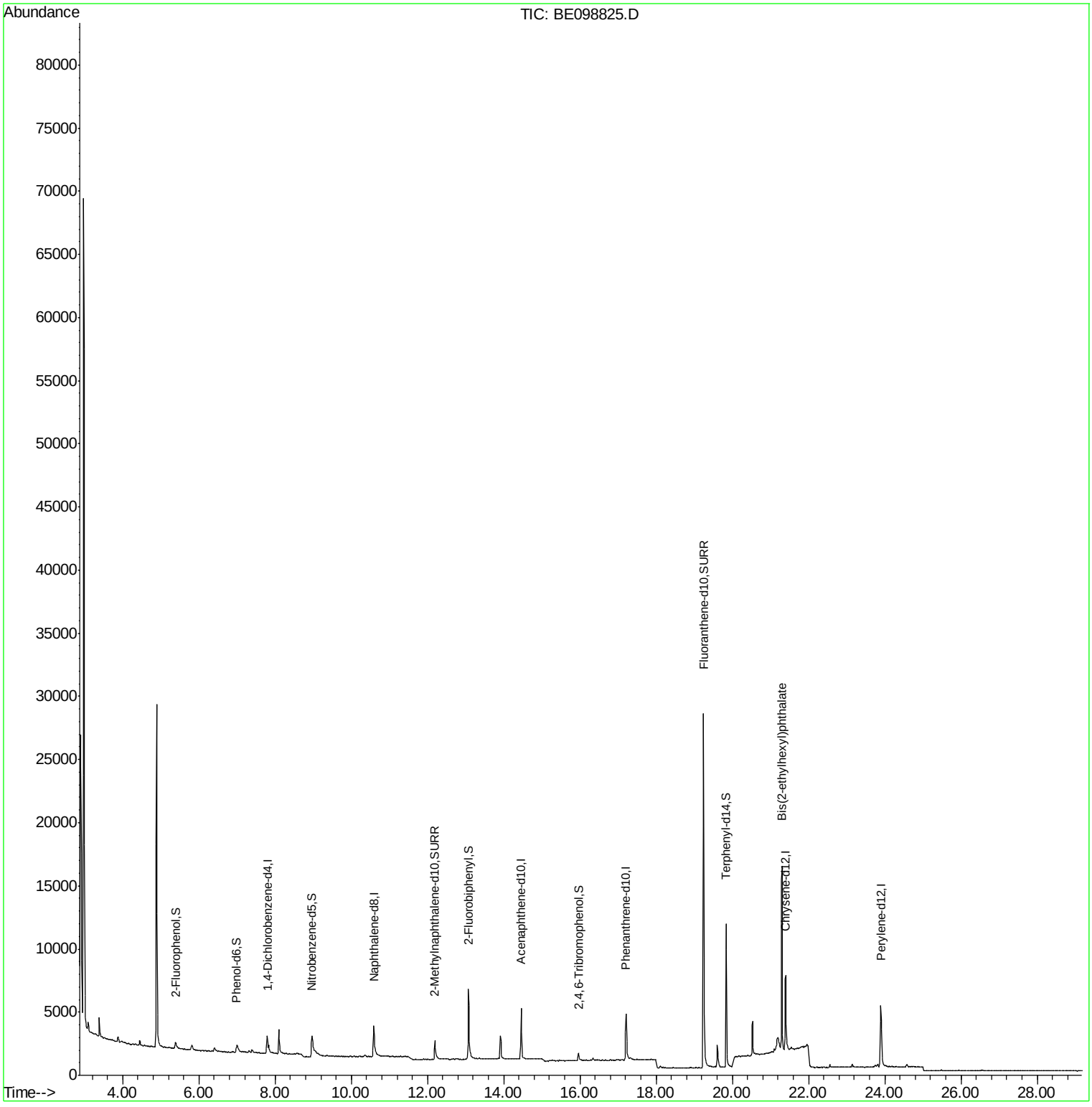
(#) = qualifier out of range (m) = manual integration (+) = signals summed

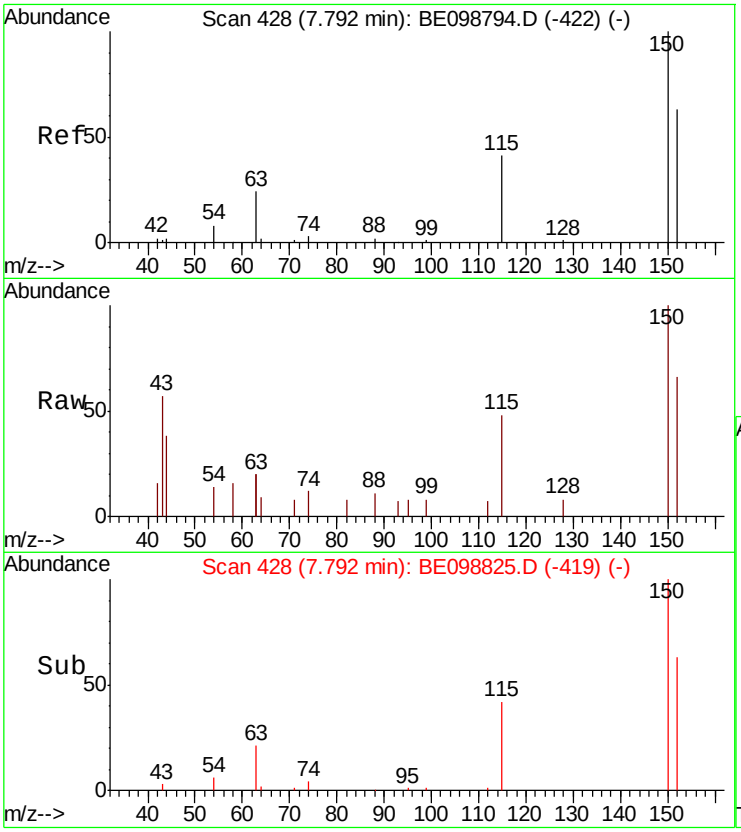
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098825.D
Acq On : 7 Mar 2019 18:04
Operator : JU/SJ
Sample : K1659-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Quant Time: Mar 08 03:58:39 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



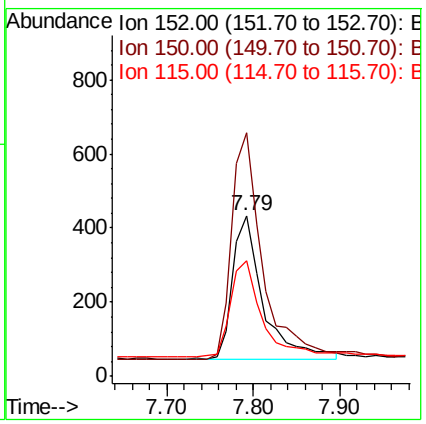


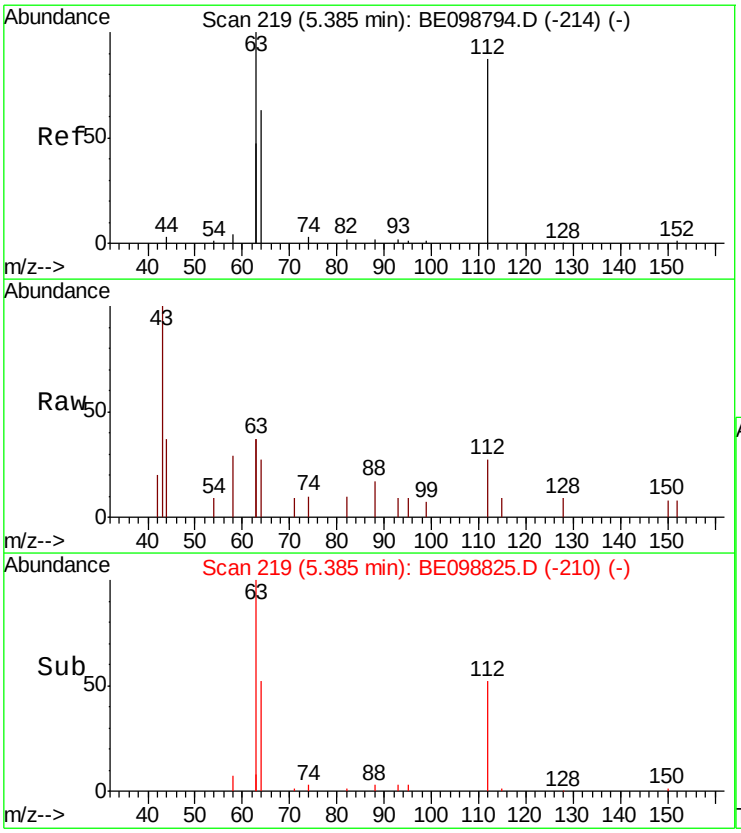

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:152 Resp: 948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.7 | 122.5 | 183.7 |
| 115 | 72.3 | 57.4 | 86.2 |

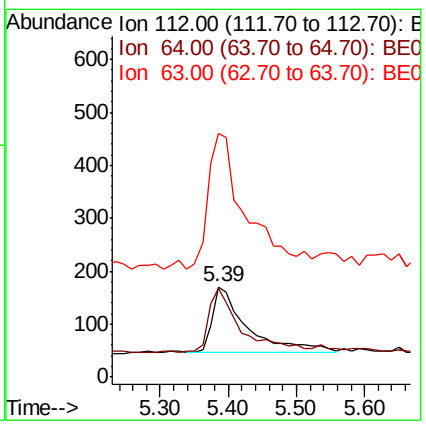


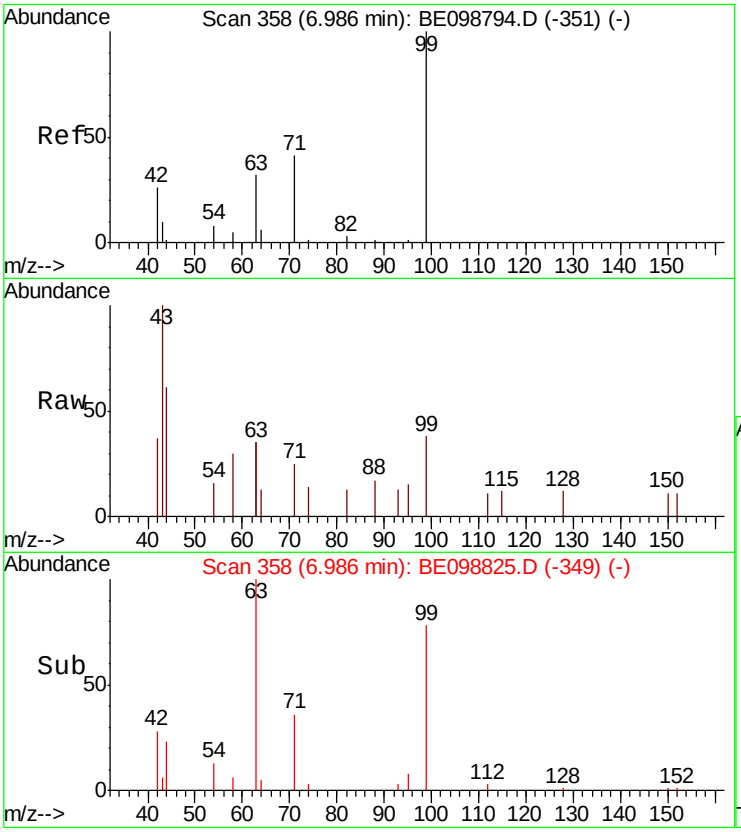




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:112 Resp: 451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 91.4 | 57.9 | 86.9# |
| 63 | 218.2 | 158.3 | 237.5 |



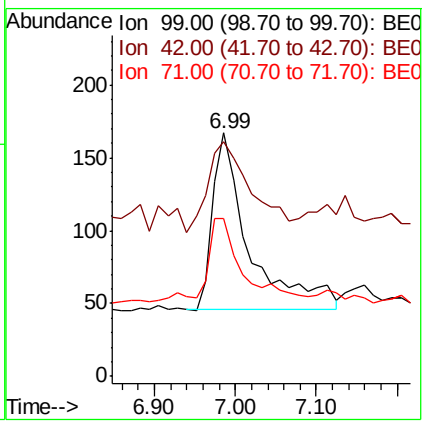


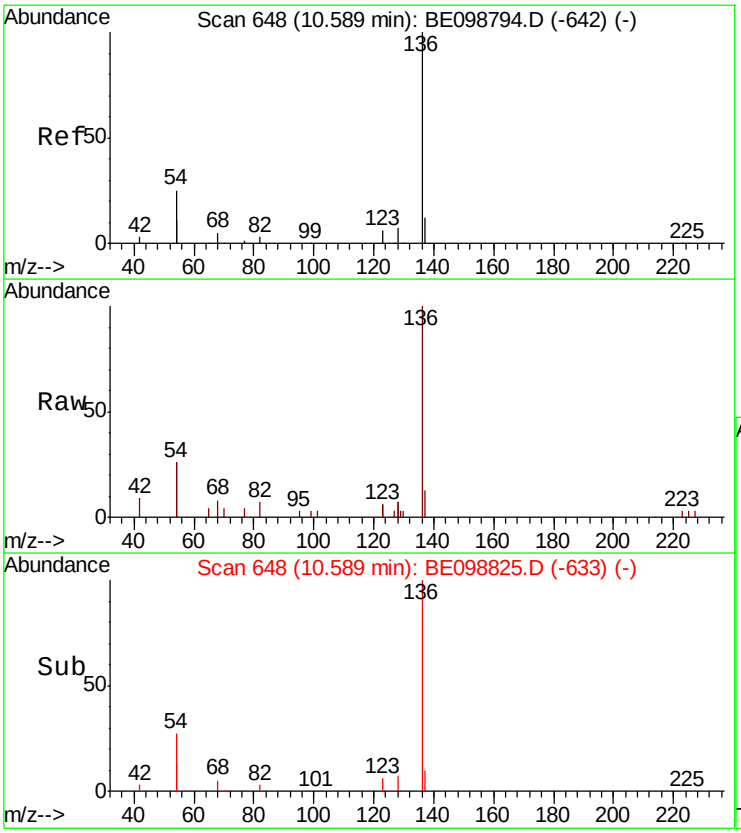

#5
Phenol-d6
Concen: 0.095 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion: 99 Resp: 379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 60.4 | 24.2 | 36.2# |
| 71 | 44.9 | 35.7 | 53.5 |

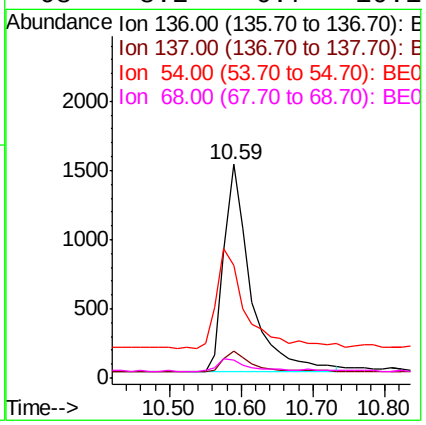


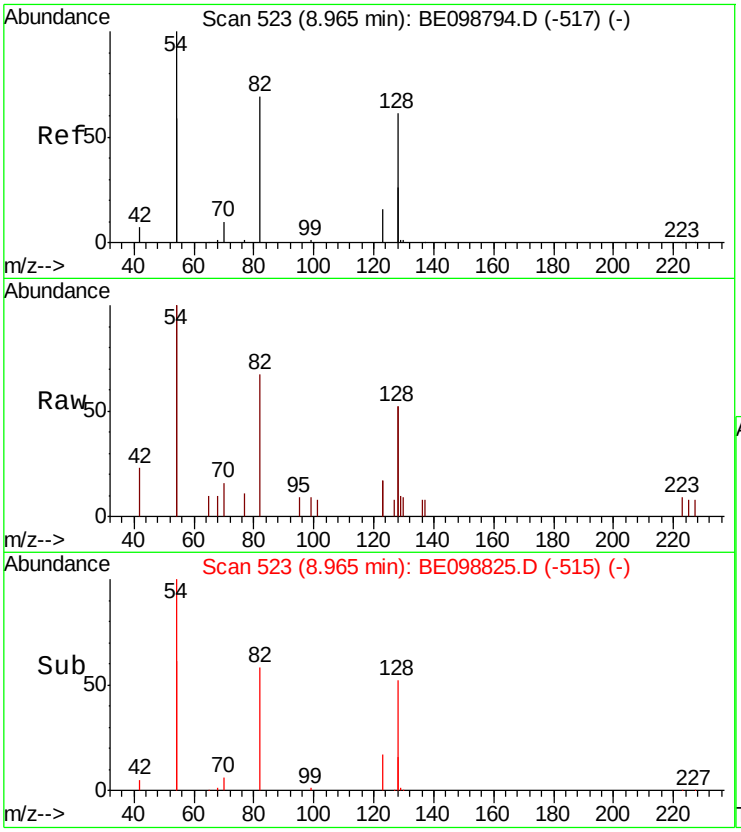




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:136 Resp: 3904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.9 | 11.4 | 17.0 |
| 54 | 53.0 | 39.3 | 58.9 |
| 68 | 8.2 | 6.7 | 10.1 |



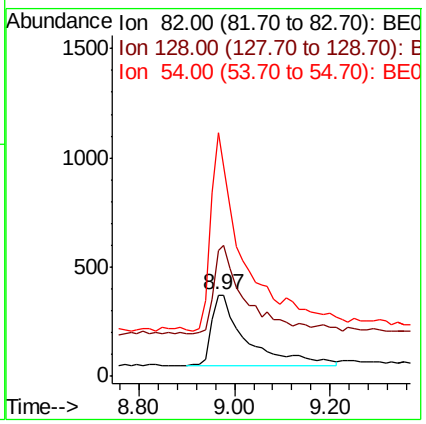


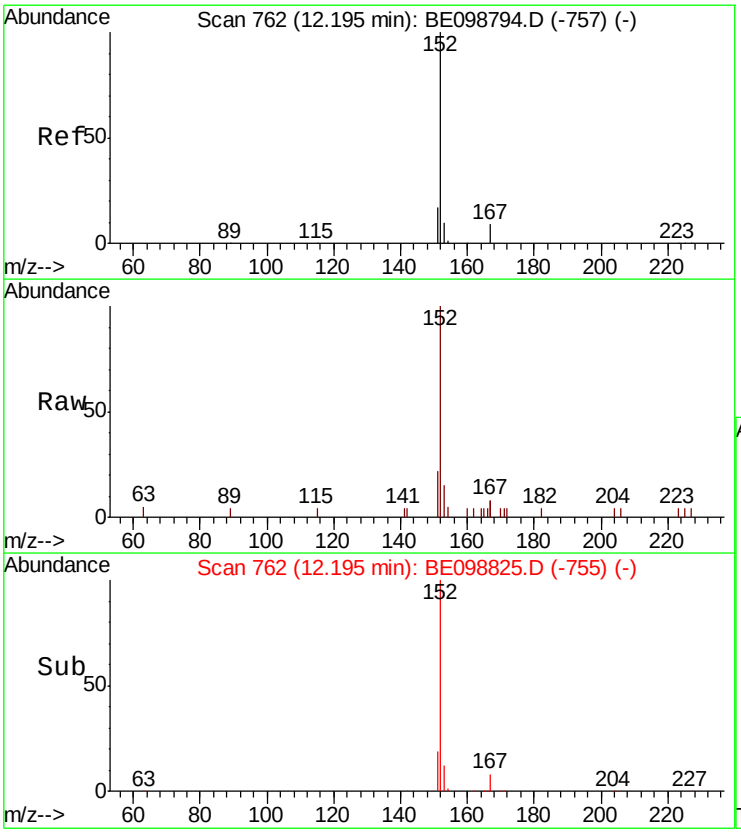

#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion: 82 Resp: 1668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 154.0 | 123.8 | 185.8 |
| 54 | 297.9 | 203.4 | 305.2 |

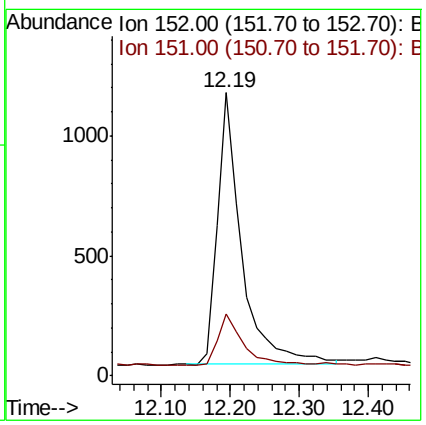


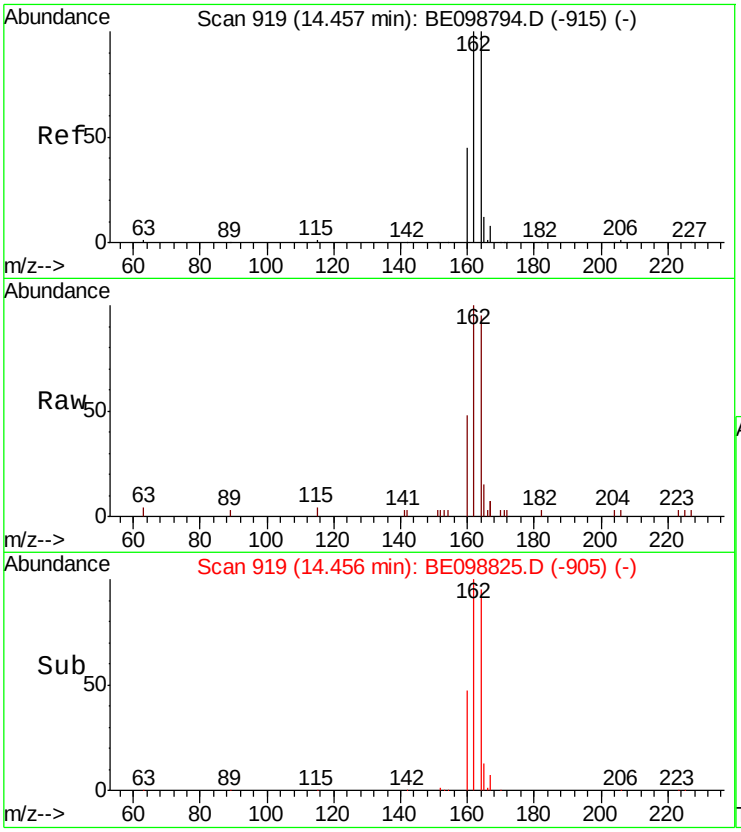




#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:152 Resp: 2789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 16.5 | 24.7 |



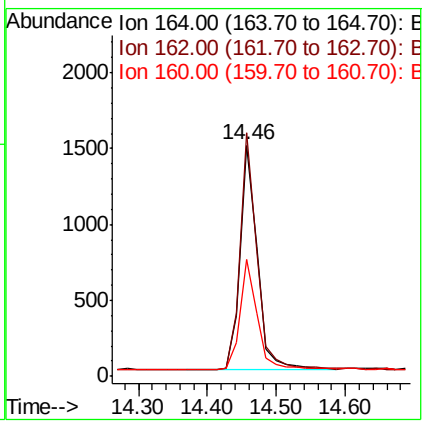


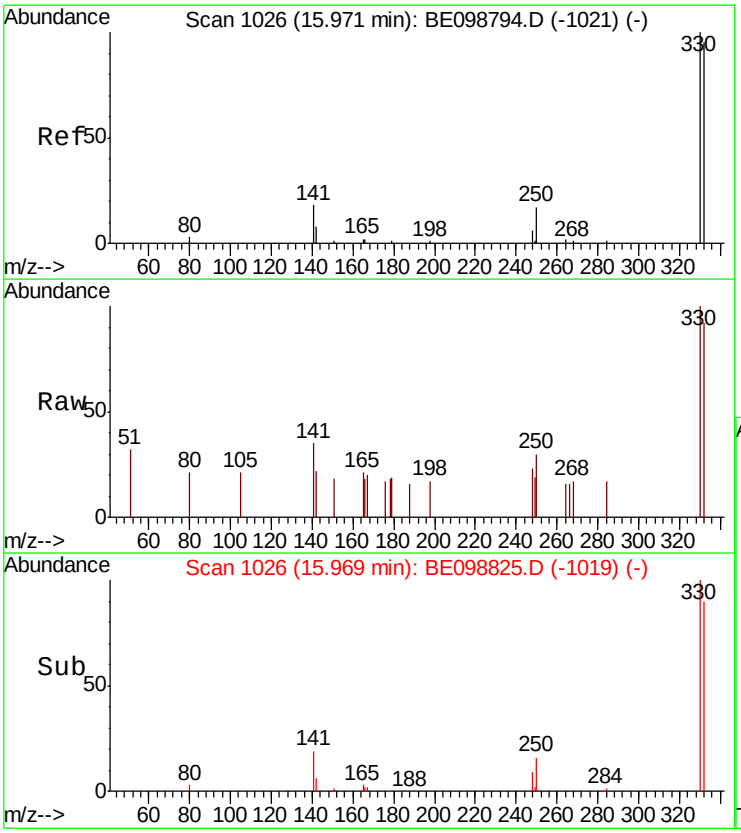

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:164 Resp: 2547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 80.2 | 120.2 |
| 160 | 50.8 | 37.8 | 56.8 |

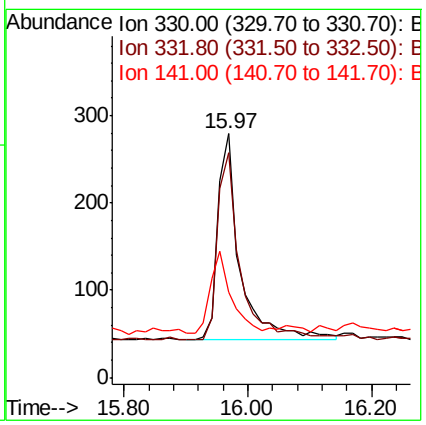


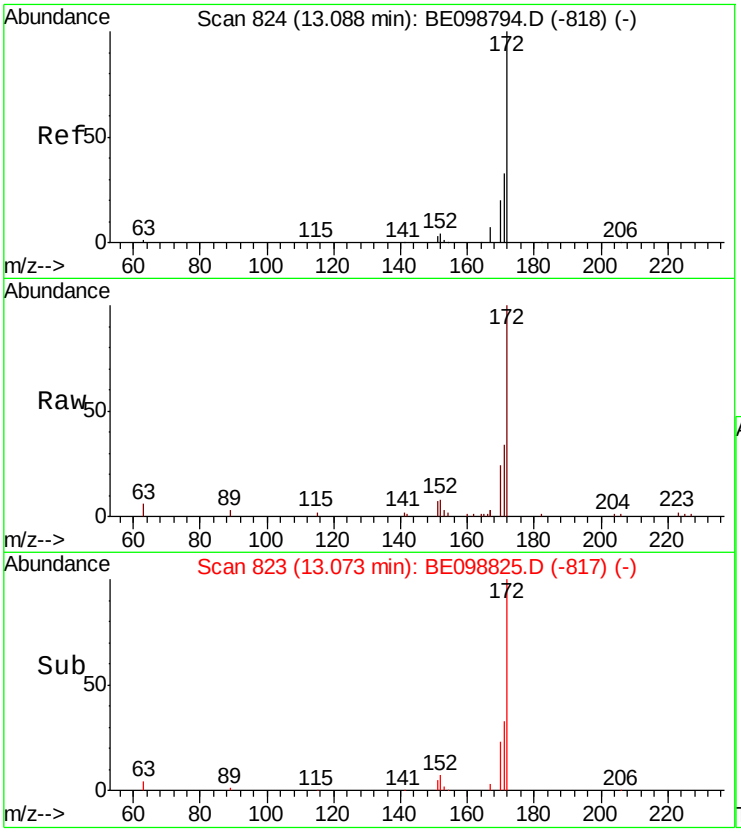




#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:330 Resp: 591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 90.9 | 77.6 | 116.4 |
| 141 | 37.9 | 31.0 | 46.4 |



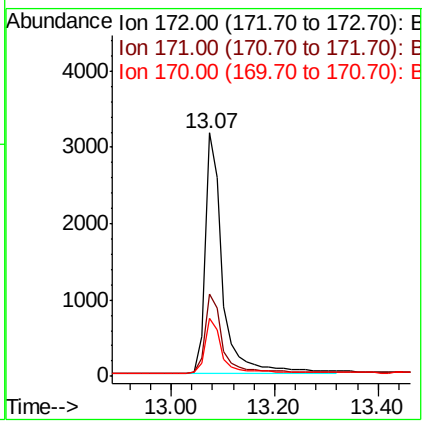


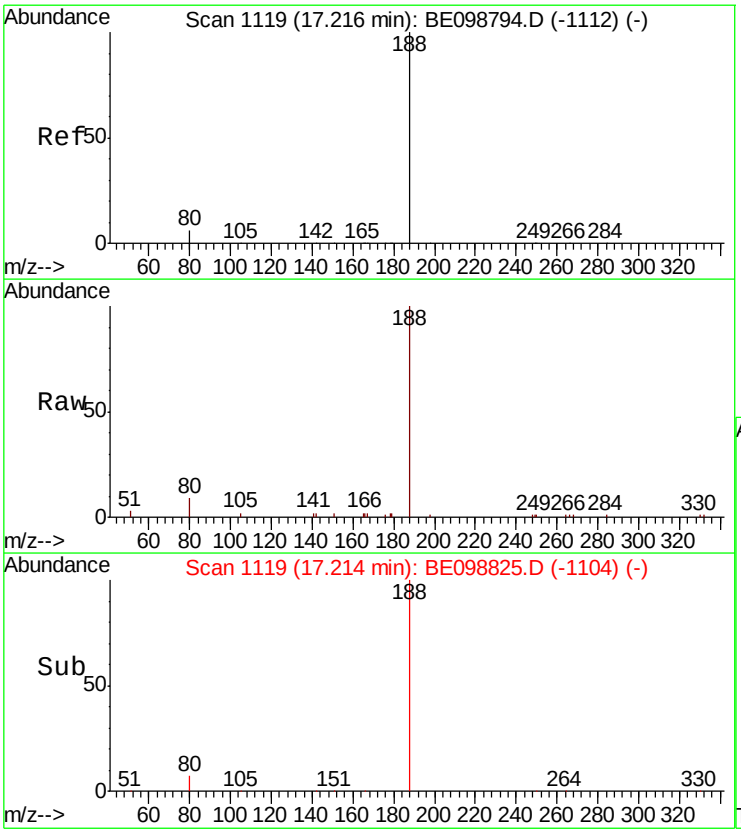

#15
2-Fluorobiphenyl
Concen: 0.692 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:172 Resp: 7295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 28.0 | 42.0 |
| 170 | 23.9 | 17.7 | 26.5 |

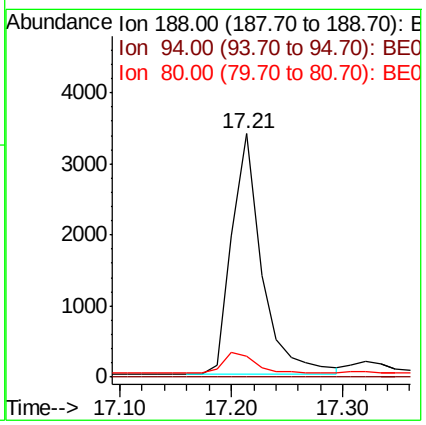


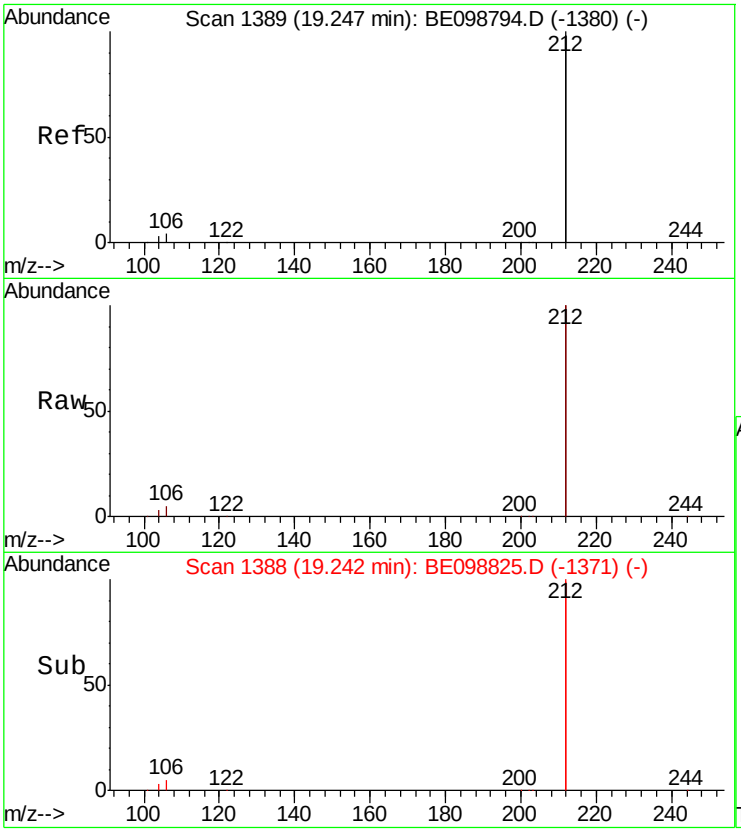




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:188 Resp: 6333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.6 | 6.3 | 9.5 |



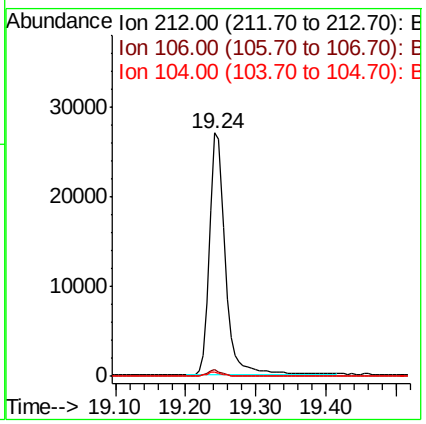


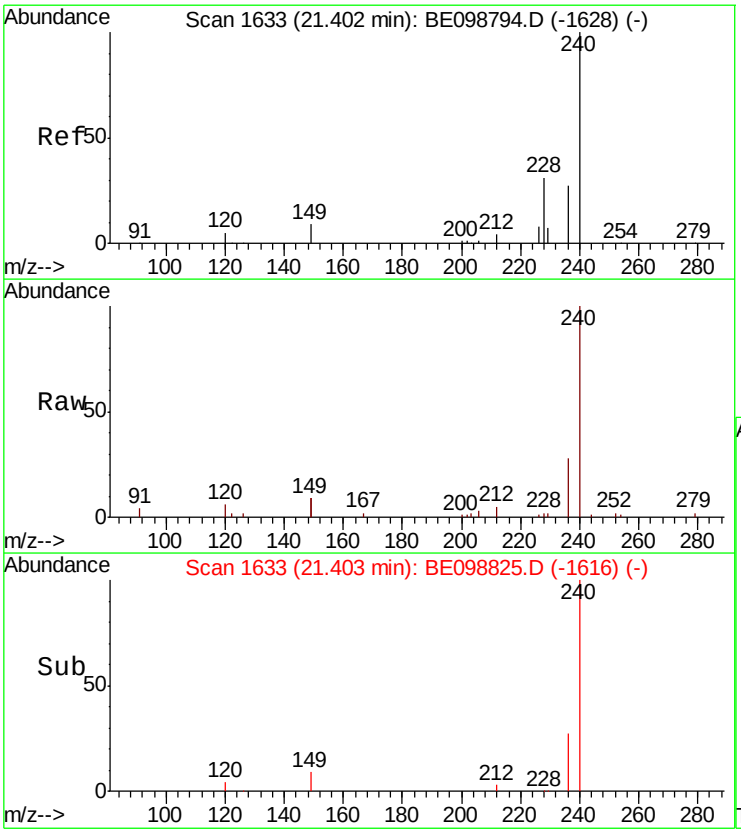

#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:212 Resp: 41791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.2 | 1.8 | 2.8 |
| 104 | 1.4 | 1.0 | 1.6 |

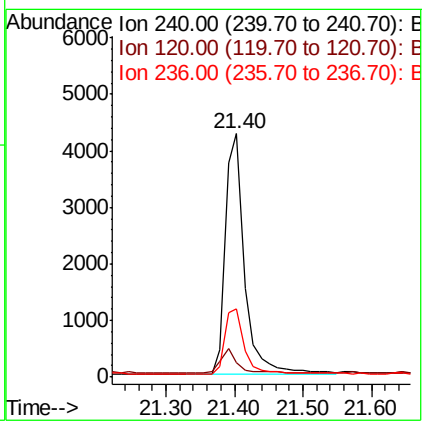


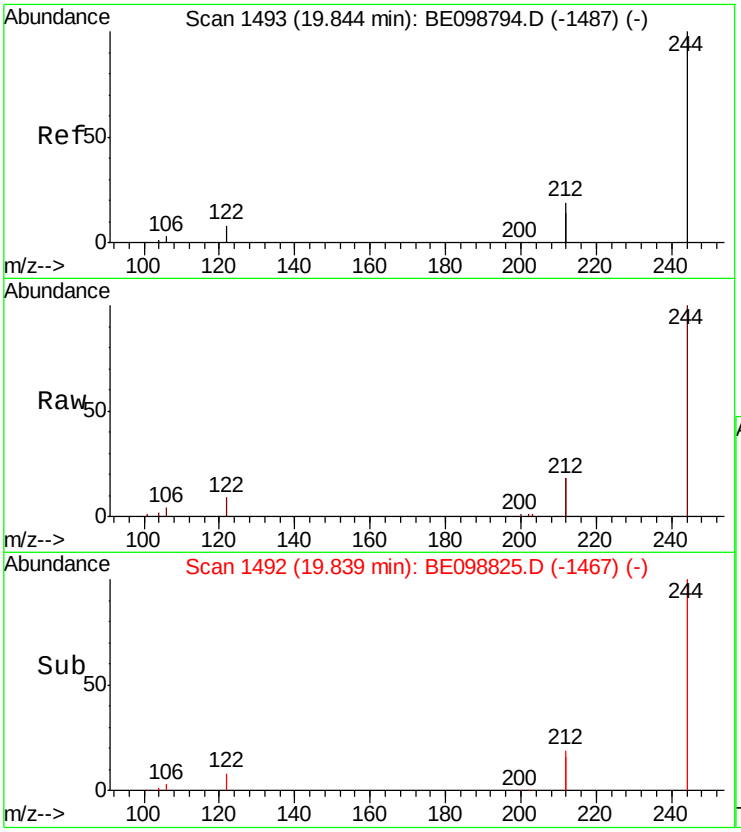




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:240 Resp: 8357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.1 | 5.0 | 7.4 |
| 236 | 28.0 | 22.7 | 34.1 |



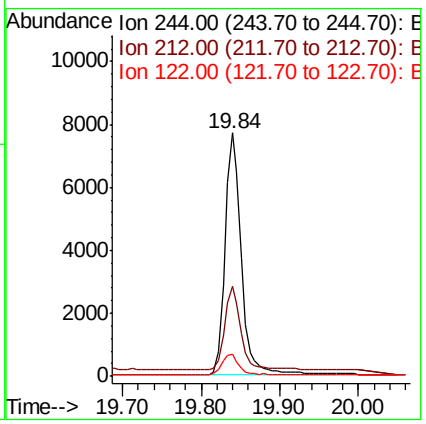


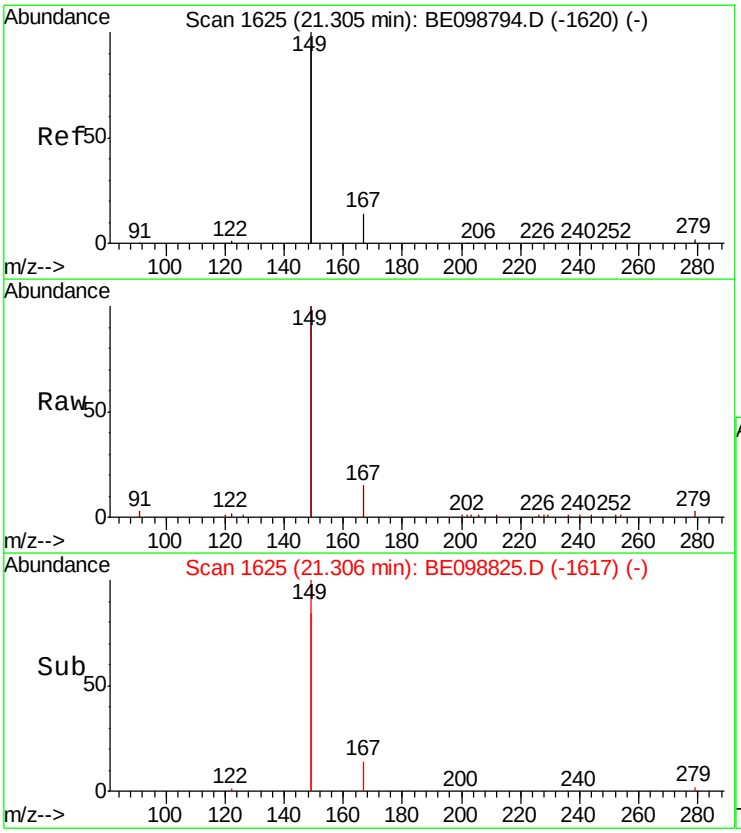

#29
Terphenyl-d14
Concen: 0.546 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:244 Resp: 11092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 36.9 | 29.4 | 44.2 |
| 122 | 9.0 | 7.1 | 10.7 |

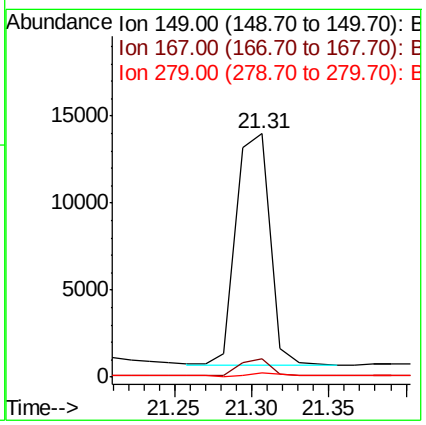


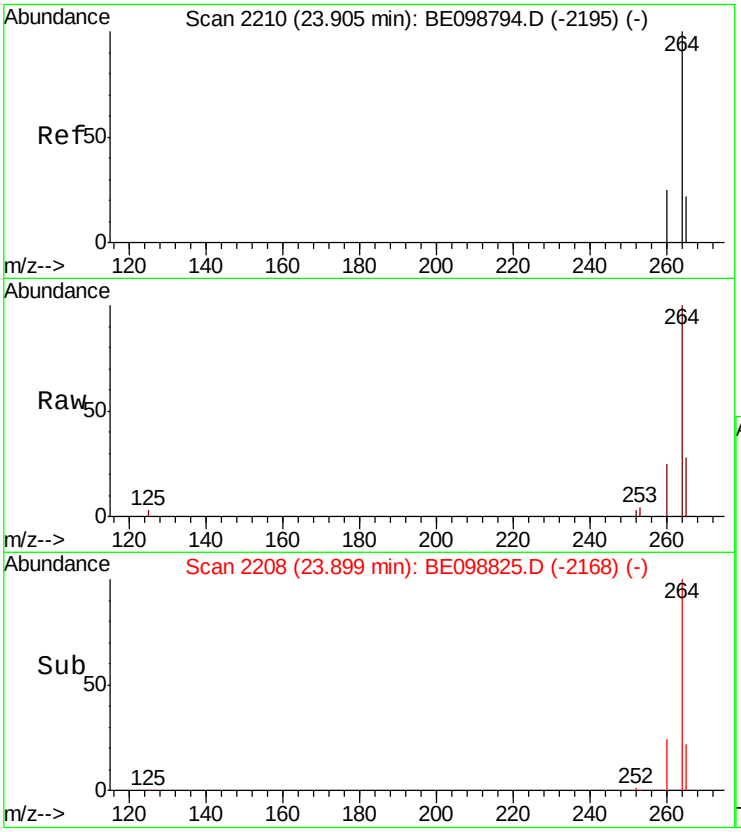




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098825.D
Acq: 7 Mar 2019 18:04

Tgt Ion:149 Resp: 20130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.4 | 8.0 |
| 279 | 1.2 | 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: BE098825.D
Acq: 7 Mar 2019 18:04

**Instrument :**
BNA_E
**ClientSampleId :**
M1-T5-OZ(POST)

Tgt Ion:264 Resp: 8211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.4 | 21.2 | 31.8 |
| 265 | 28.3 | 24.6 | 36.8 |