Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
Data File : BE098867.D
Acq On : 11 Mar 2019 18:19
Operator : JU/SJ
Sample : K1839-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** RE109D1-20190307

Quant Time: Mar 12 07:26:00 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 | 812 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 3359 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 2356 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 6085 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 7453 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.90 | 264 | 7217 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.40 | 112 | 307 | 0.13 | ng | | 0.01 |
| 5) Phenol-d6 | 7.01 | 99 | 245 | 0.07 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 1135 | 0.32 | ng | | 0.04 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 2346 | 0.38 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 391 | 0.33 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 3908 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 36045 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 10007 | 0.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 4543 | 3.530 | ng | | 97 |
| 22) Pentachlorophenol | 16.91 | 266 | 6 | 0.269 | ng | | 89 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 4027 | 0.081 | ng | # | 99 |

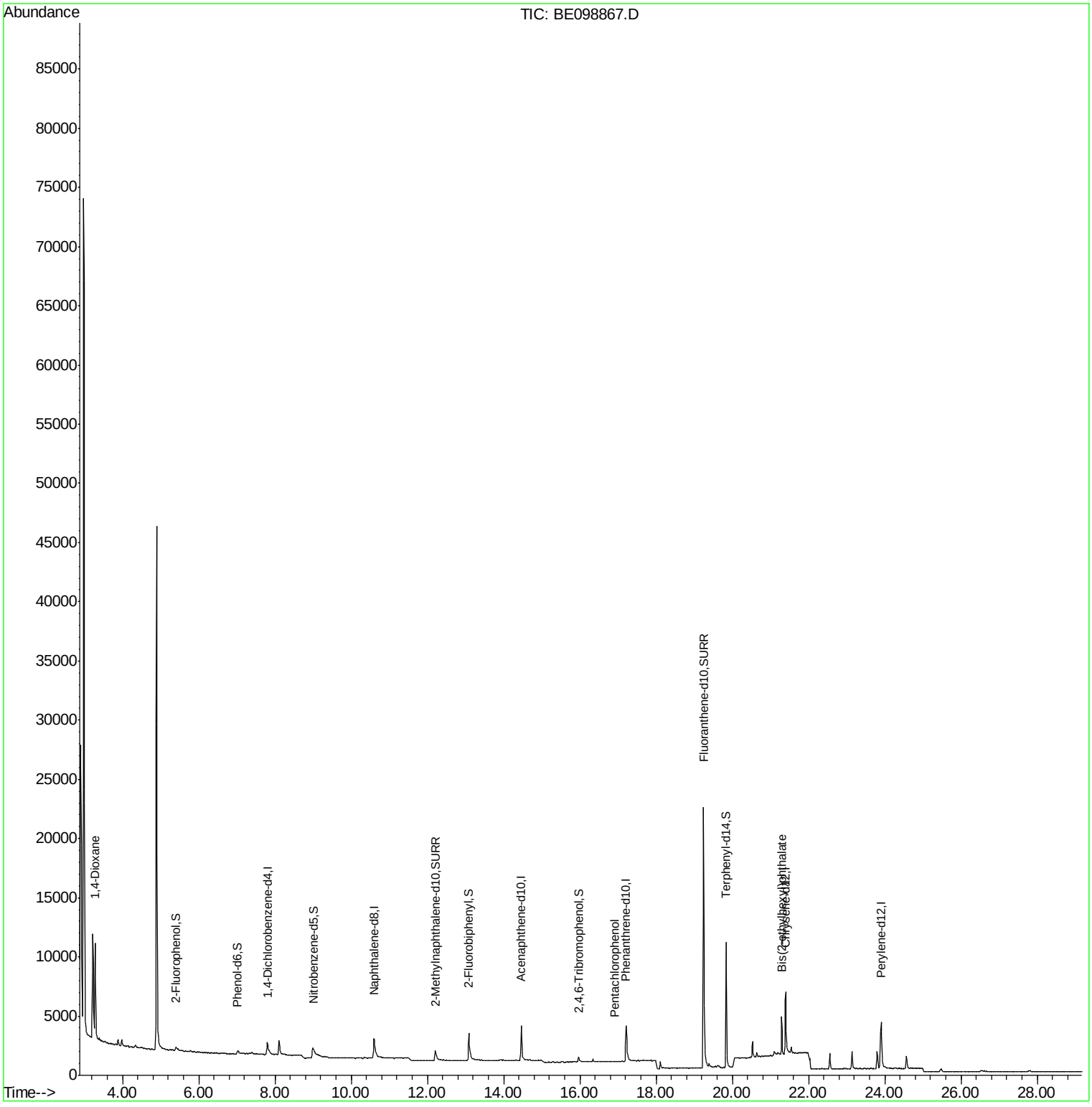
(#) = qualifier out of range (m) = manual integration (+) = signals summed

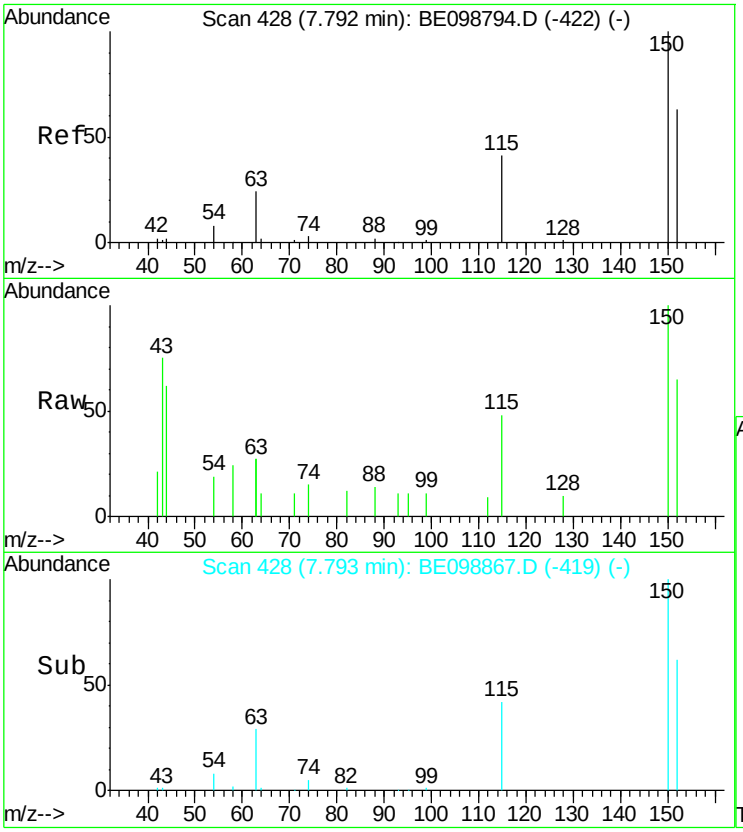
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
Data File : BE098867.D
Acq On : 11 Mar 2019 18:19
Operator : JU/SJ
Sample : K1839-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Quant Time: Mar 12 07:26:00 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



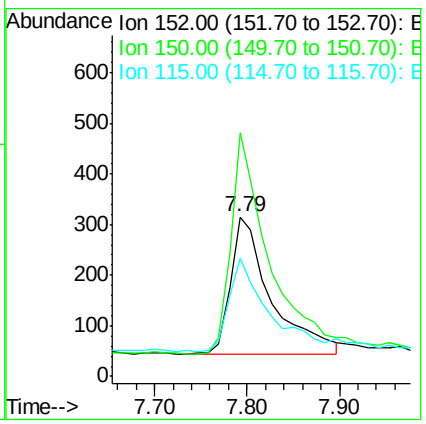


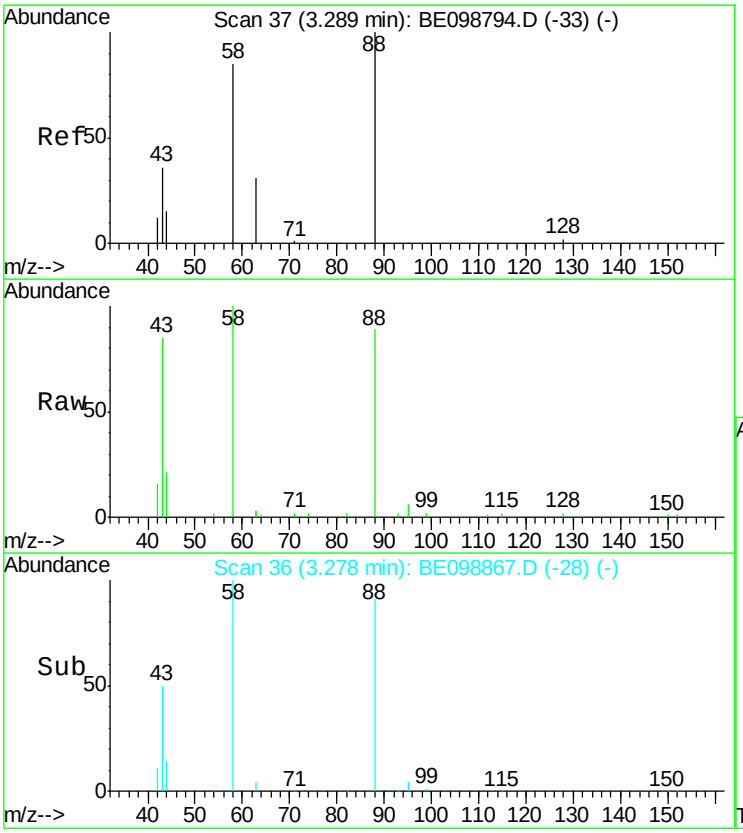

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:152 Resp: 812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.7 | 122.5 | 183.7 |
| 115 | 74.0 | 57.4 | 86.2 |

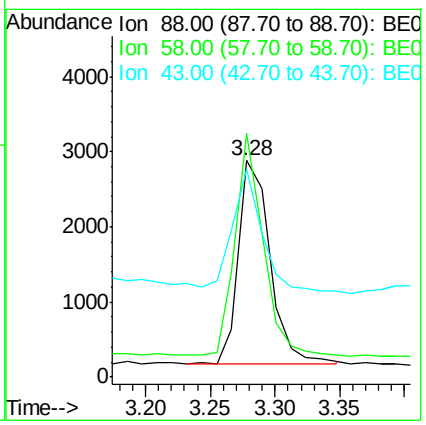


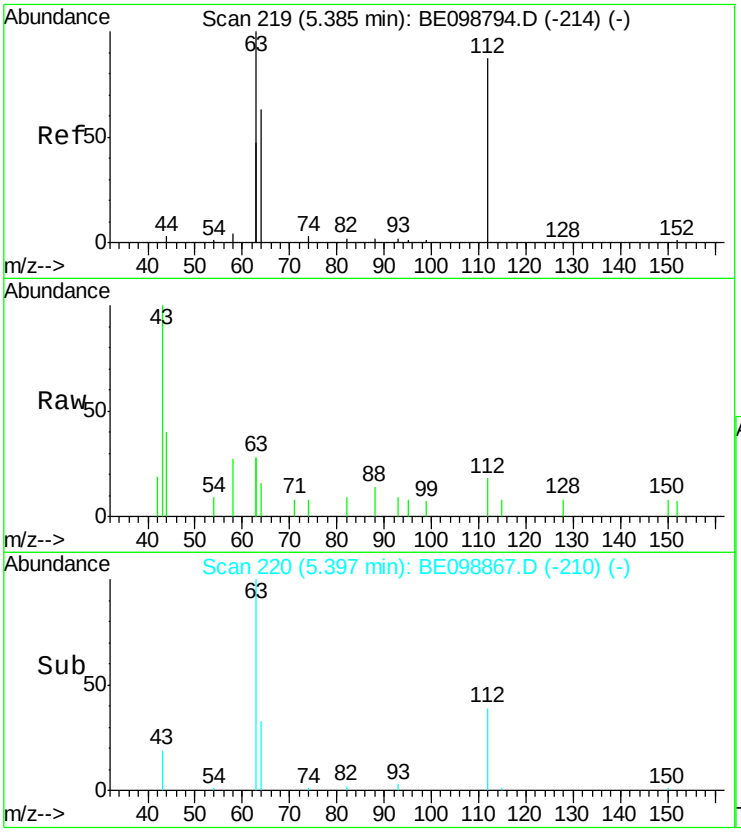




#2
1,4-Dioxane
Concen: 3.530 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion: 88 Resp: 4543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.9 | 75.8 | 113.6 |
| 43 | 55.9 | 41.8 | 62.8 |



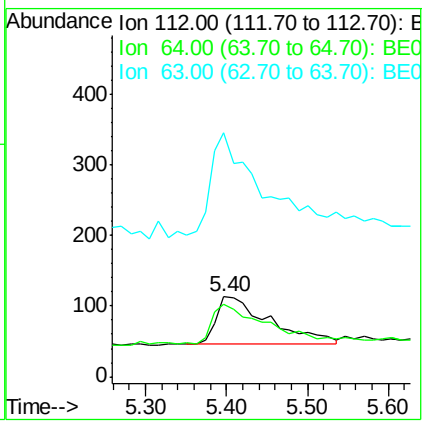


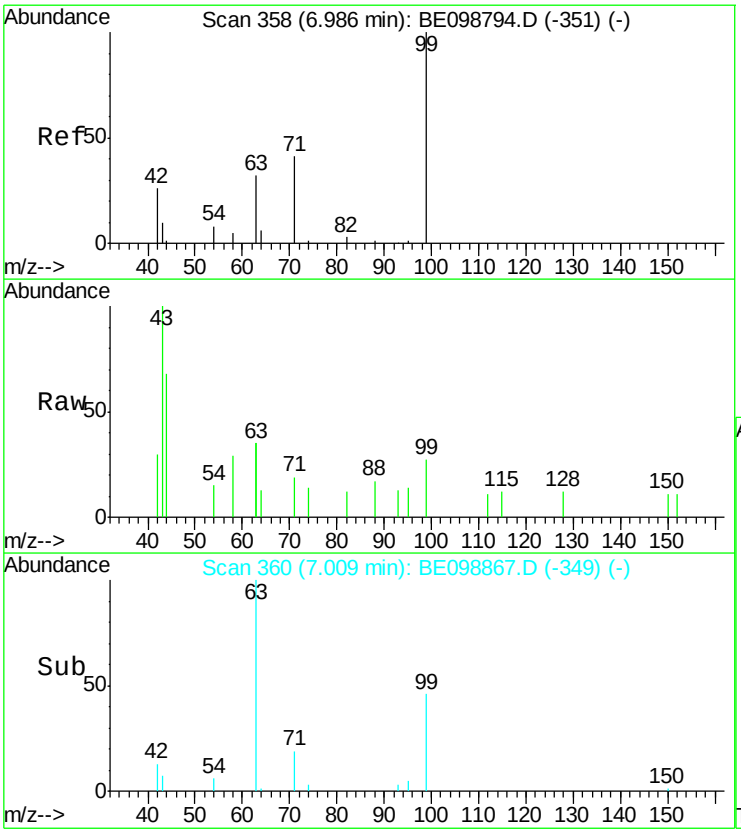

#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:112 Resp: 307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 94.1 | 57.9 | 86.9# |
| 63 | 214.0 | 158.3 | 237.5 |

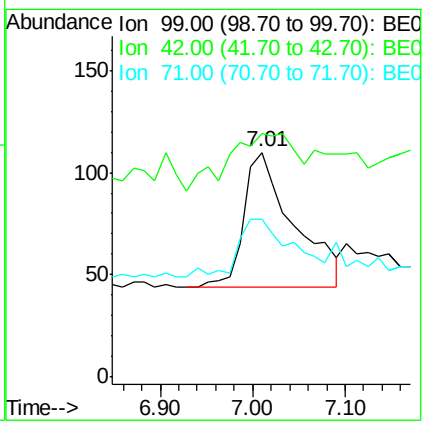


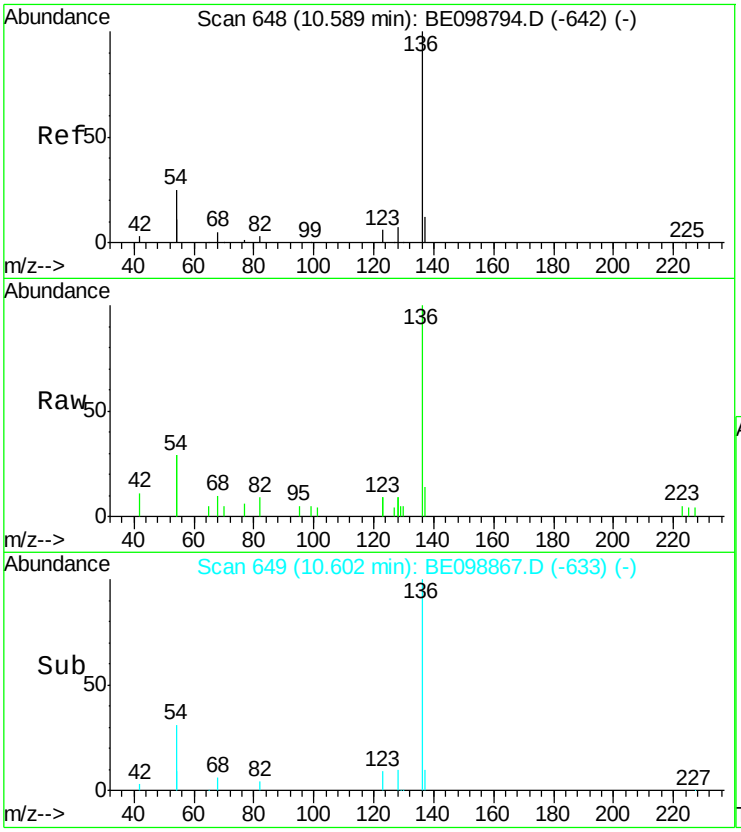




#5
Phenol-d6
Concen: 0.071 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion: 99 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 58.0 | 24.2 | 36.2# |
| 71 | 42.4 | 35.7 | 53.5 |



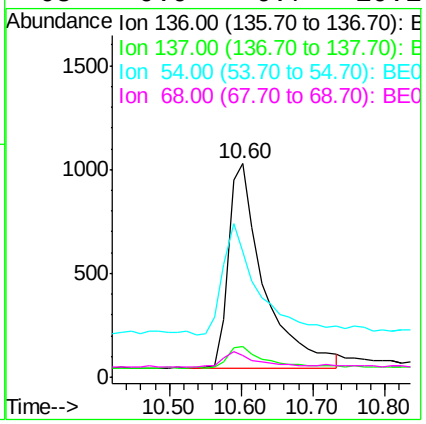


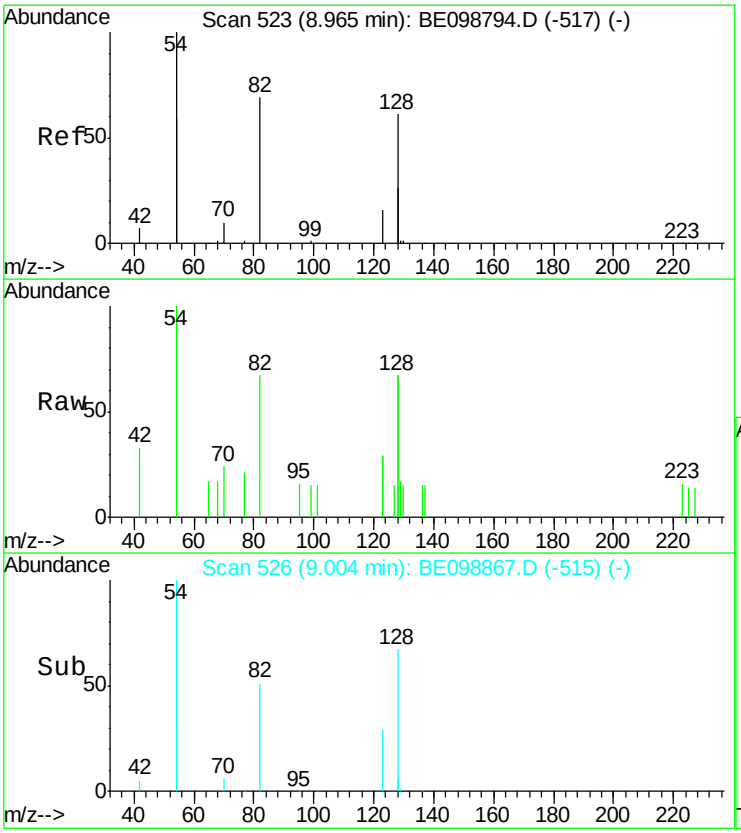

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:136 Resp: 3359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 14.2 | 11.4 | 17.0 |
| 54 | 58.5 | 39.3 | 58.9 |
| 68 | 9.9 | 6.7 | 10.1 |

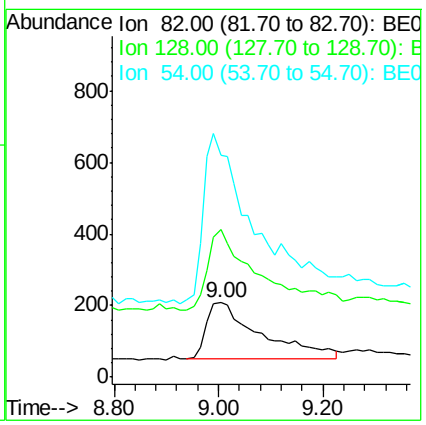


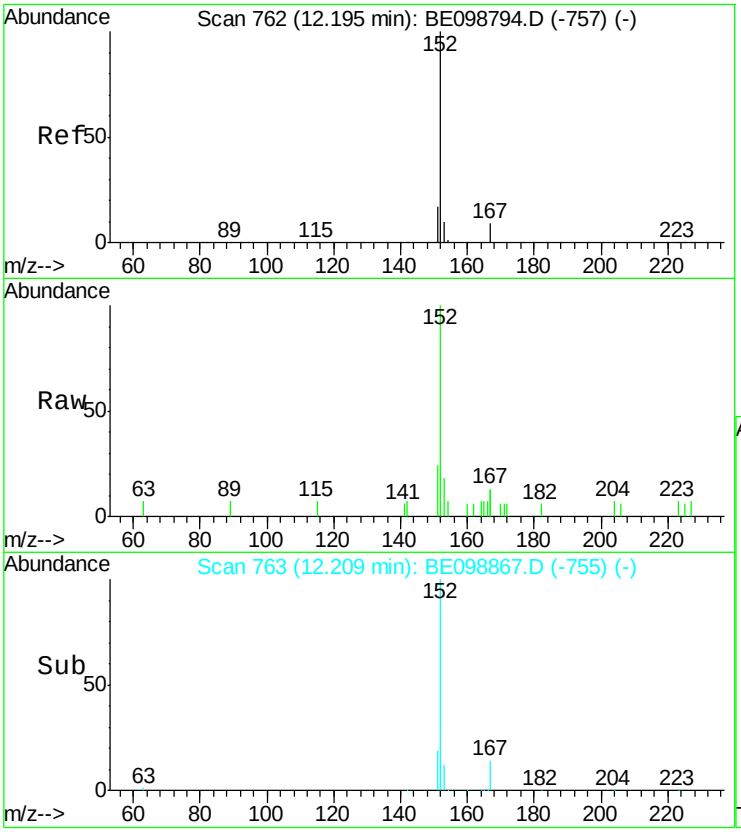




#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion: 82 Resp: 1135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 199.0 | 123.8 | 185.8# |
| 54 | 297.1 | 203.4 | 305.2 |



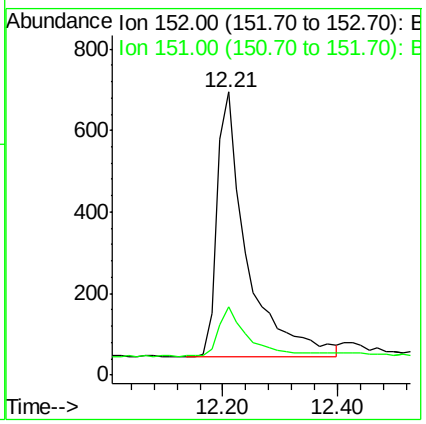


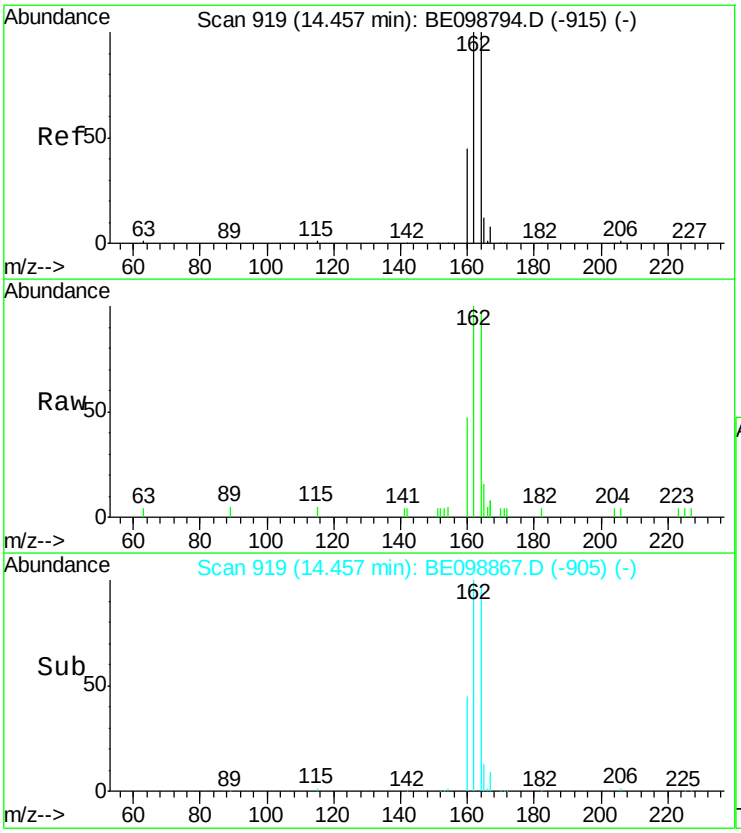

#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:152 Resp: 2346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.8 | 16.5 | 24.7 |

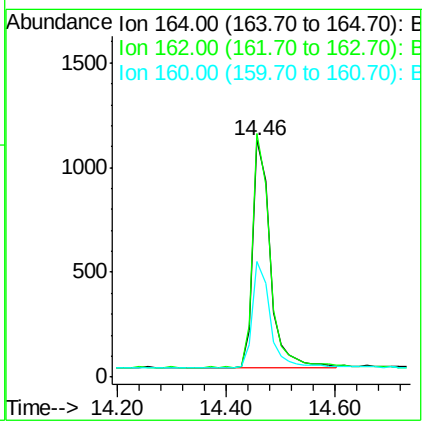


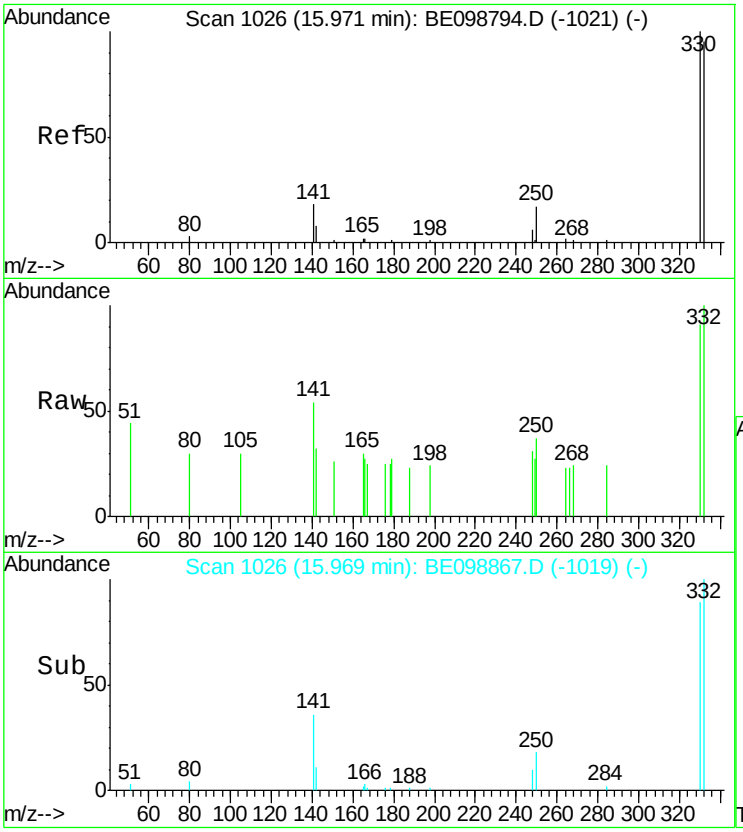




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion:164 Resp: 2356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.7 | 80.2 | 120.2 |
| 160 | 48.7 | 37.8 | 56.8 |



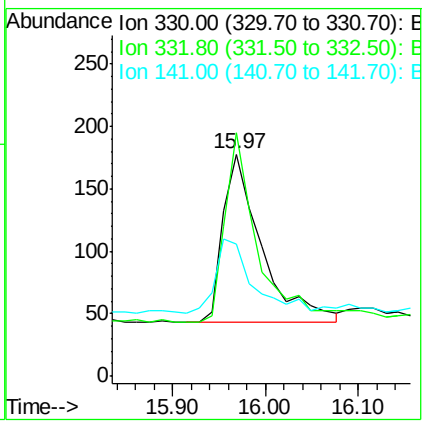


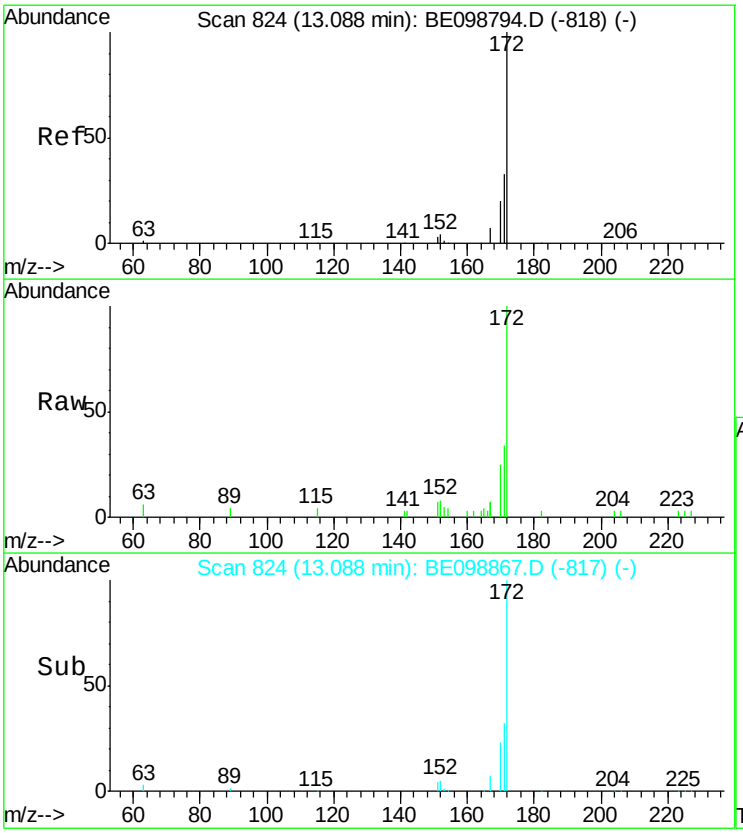

#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:330 Resp: 391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 104.9 | 77.6 | 116.4 |
| 141 | 46.3 | 31.0 | 46.4 |

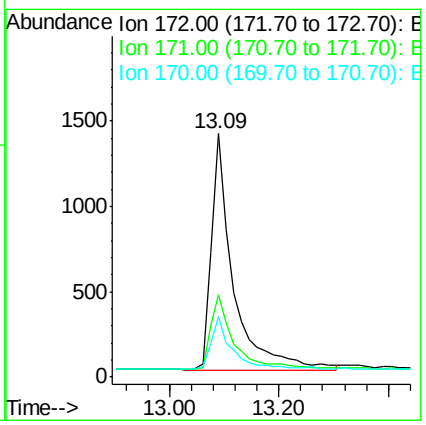


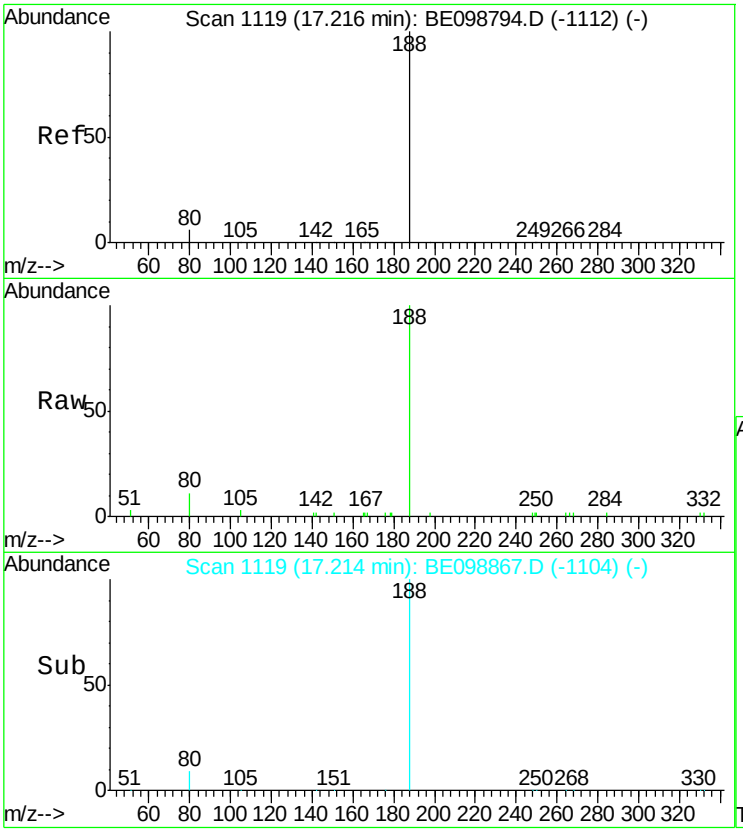




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion:172 Resp: 3908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.1 | 28.0 | 42.0 |
| 170 | 24.9 | 17.7 | 26.5 |



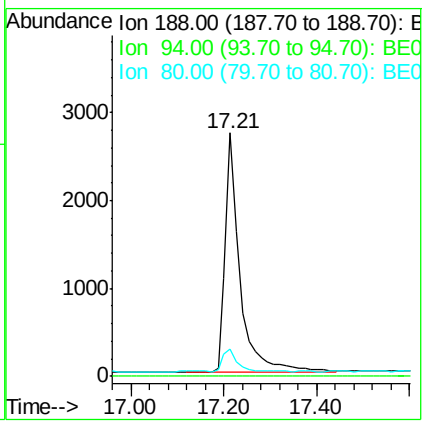


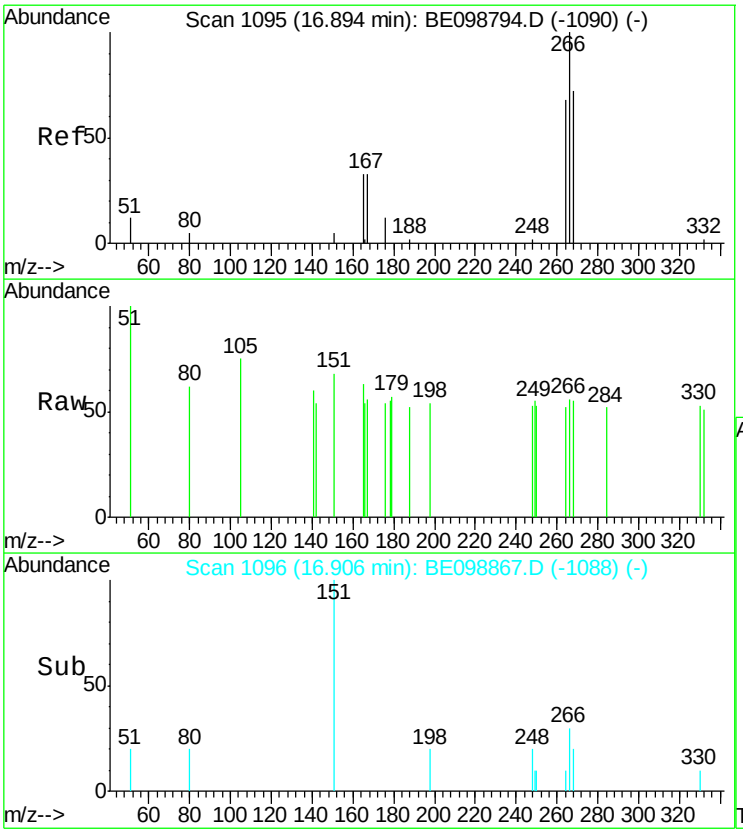

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:188 Resp: 6085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.0 | 6.3 | 9.5# |

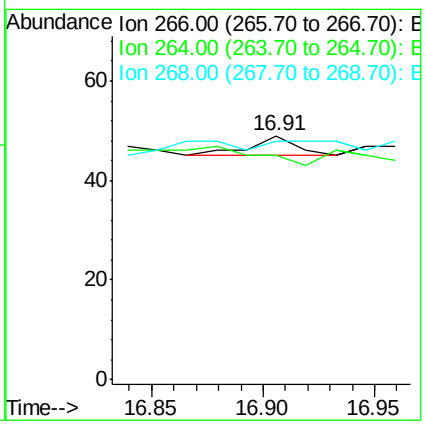


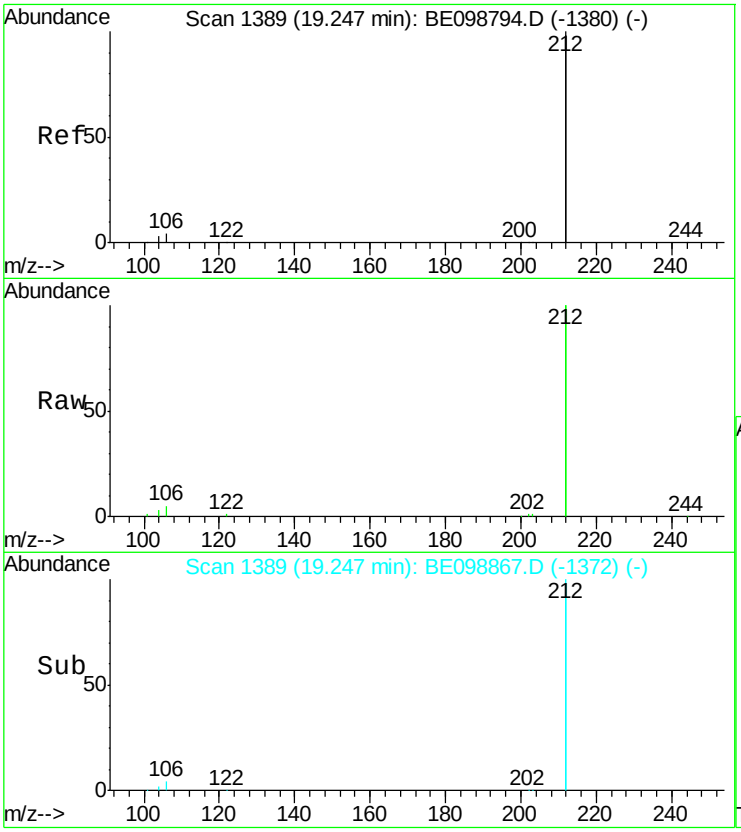




#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion:266 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 91.8 | 66.6 | 100.0 |
| 268 | 98.0 | 69.8 | 104.8 |



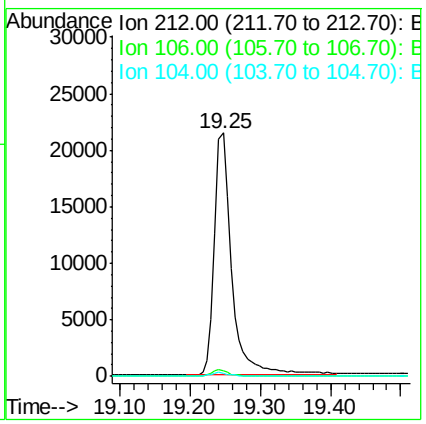


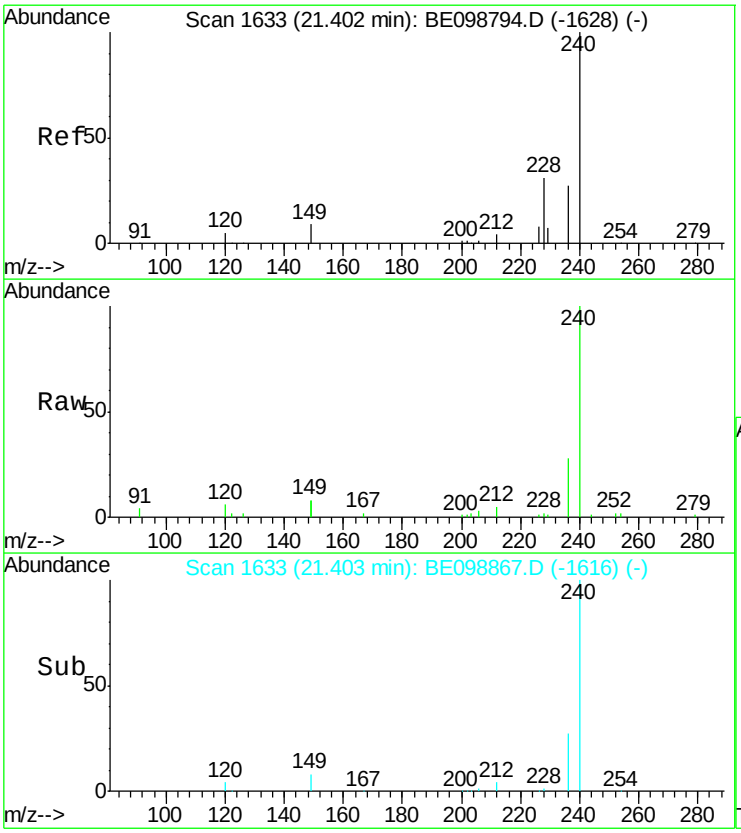

#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:212 Resp: 36045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.2 | 1.8 | 2.8 |
| 104 | 1.3 | 1.0 | 1.6 |

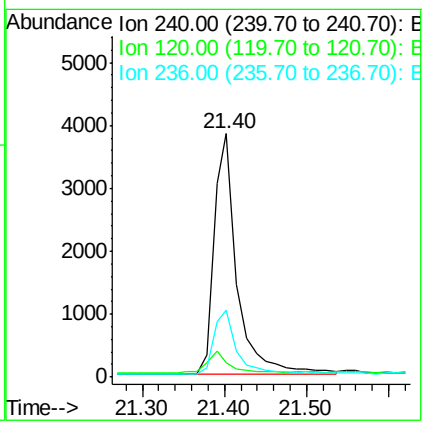


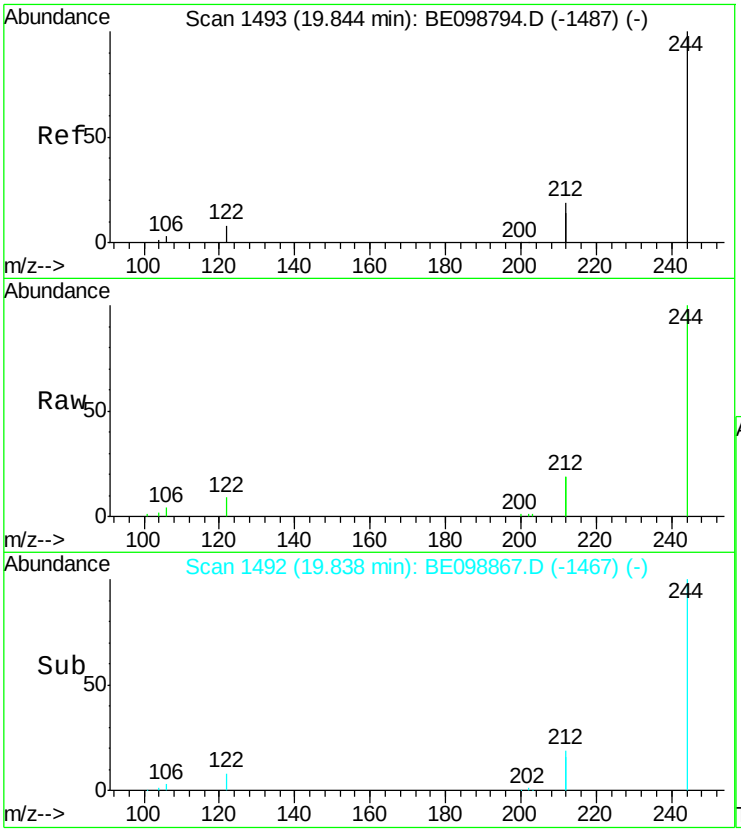




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion:240 Resp: 7453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 5.0 | 7.4 |
| 236 | 27.6 | 22.7 | 34.1 |



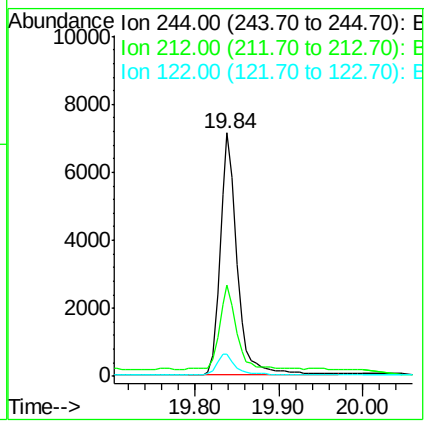


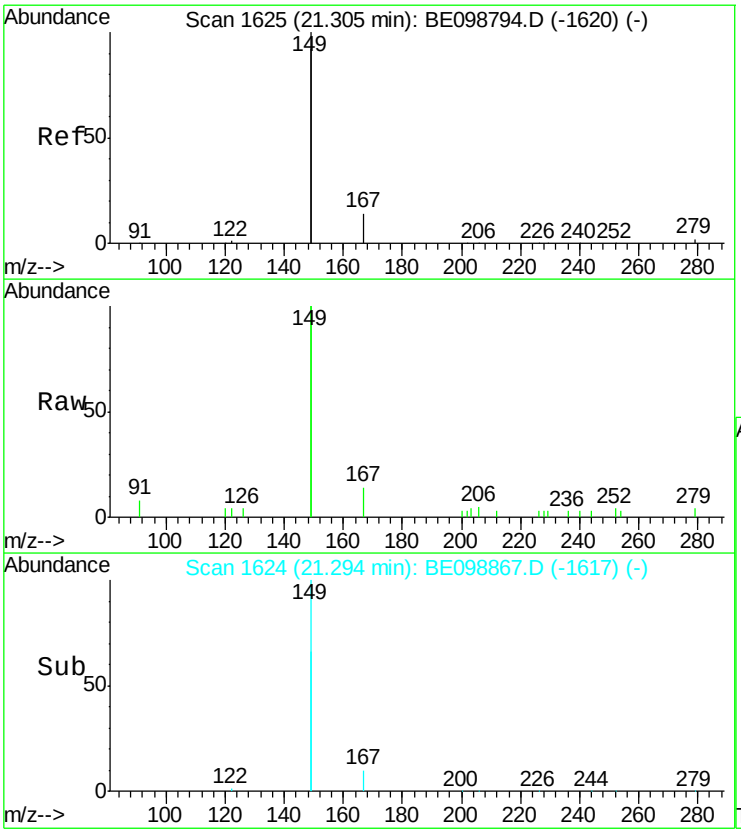

#29
Terphenyl-d14
Concen: 0.552 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:244 Resp: 10007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 37.7 | 29.4 | 44.2 |
| 122 | 9.2 | 7.1 | 10.7 |

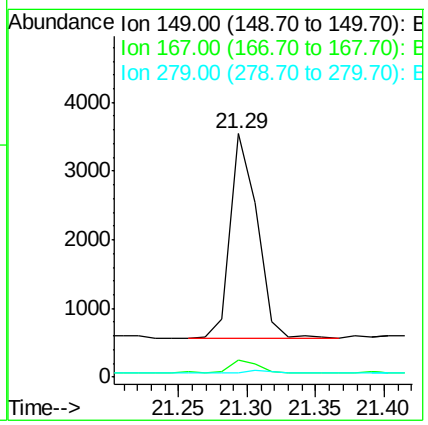


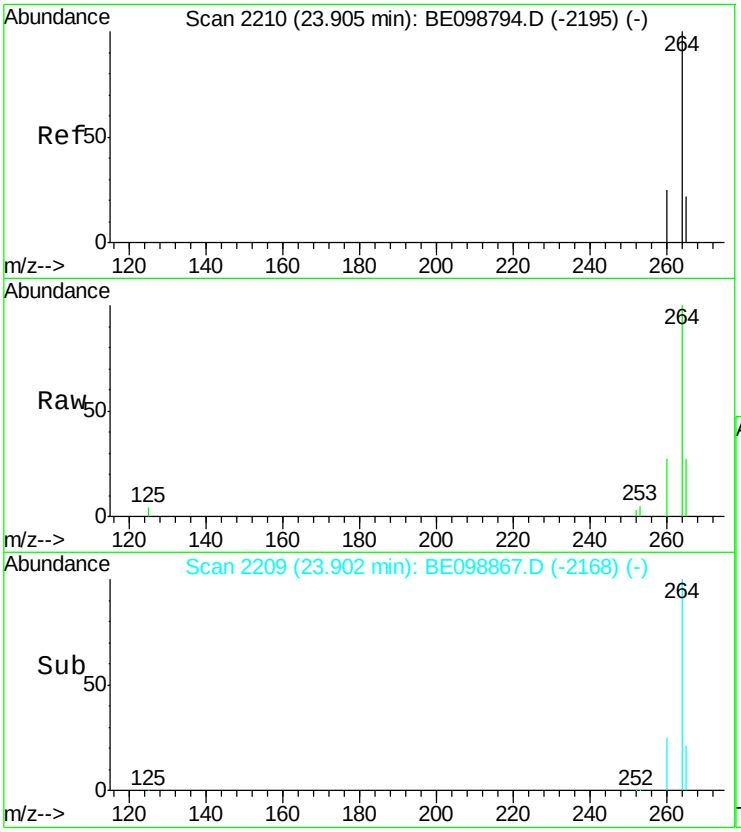




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

Tgt Ion:149 Resp: 4027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.4 | 8.0 |
| 279 | 1.8 | 1.0 | 1.4# |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098867.D
Acq: 11 Mar 2019 18:19

**Instrument :**
BNA_E
**ClientSampleId :**
RE109D1-20190307

Tgt Ion:264 Resp: 7217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.7 | 21.2 | 31.8 |
| 265 | 27.4 | 24.6 | 36.8 |