Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071919\

Quantitation Report (Not Reviewed)

Data File : BE100470.D
Acq On : 19 Jul 2019 14:37
Operator : HP/JU
Sample : PB121385BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB121385BL

Quant Time: Jul 20 02:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:59:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 2595 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 9605 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 5068 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.22 | 188 | 11886 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.38 | 240 | 15012 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.86 | 264 | 20803 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.47 | 112 | 2737 | 0.42 | ng | 0.00 |
| 5) Phenol-d6 | 7.03 | 99 | 3847 | 0.42 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 2937 | 0.38 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 5569 | 0.36 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 506 | 0.24 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 7914 | 0.38 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 61994 | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 11406 | 0.33 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.71 | 42 | 79 | 0.034 | ng | # 1 |
| 22) Pentachlorophenol | 16.83 | 266 | 10 | 0.192 | ng | # 73 |

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

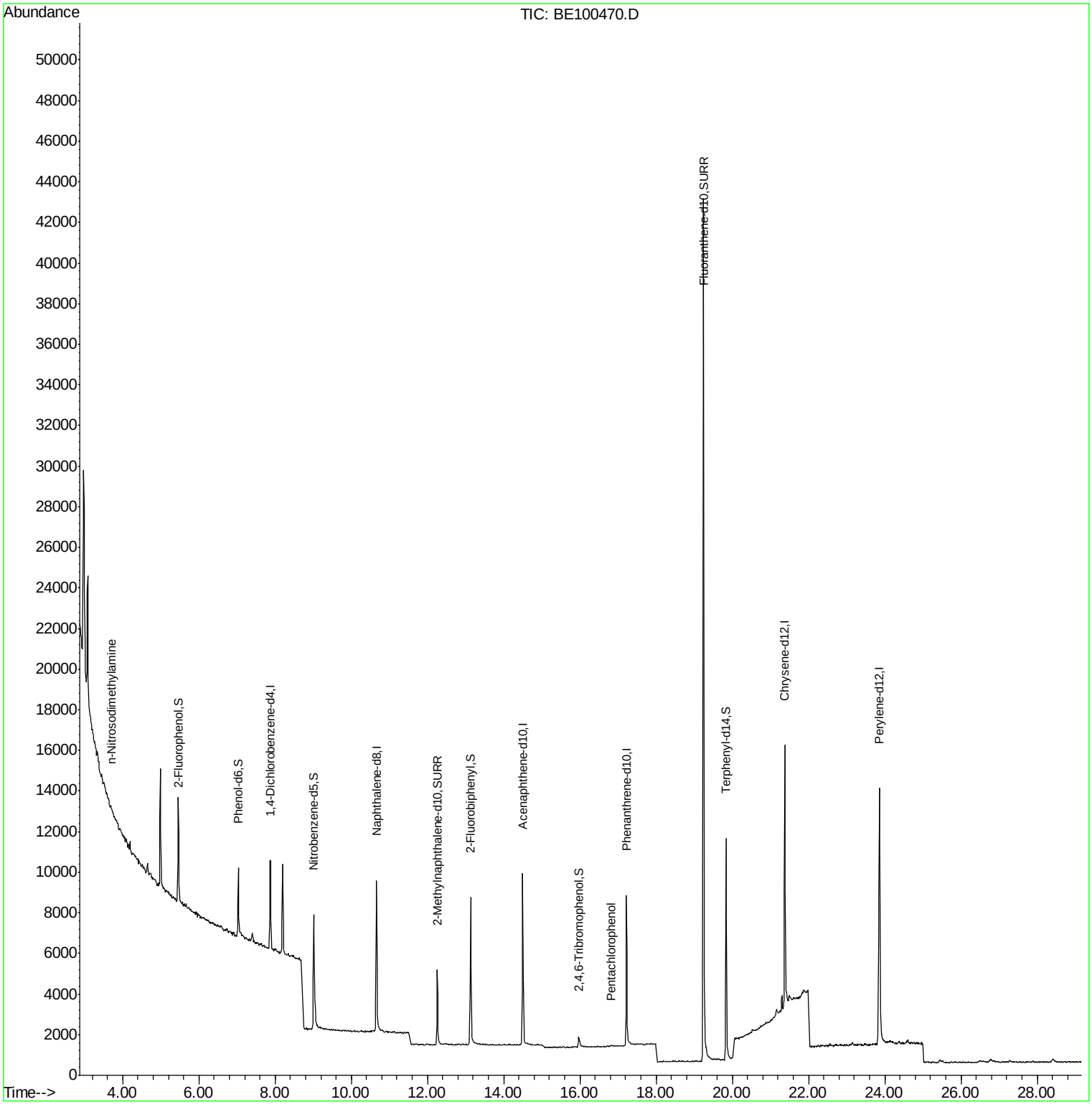
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071919\

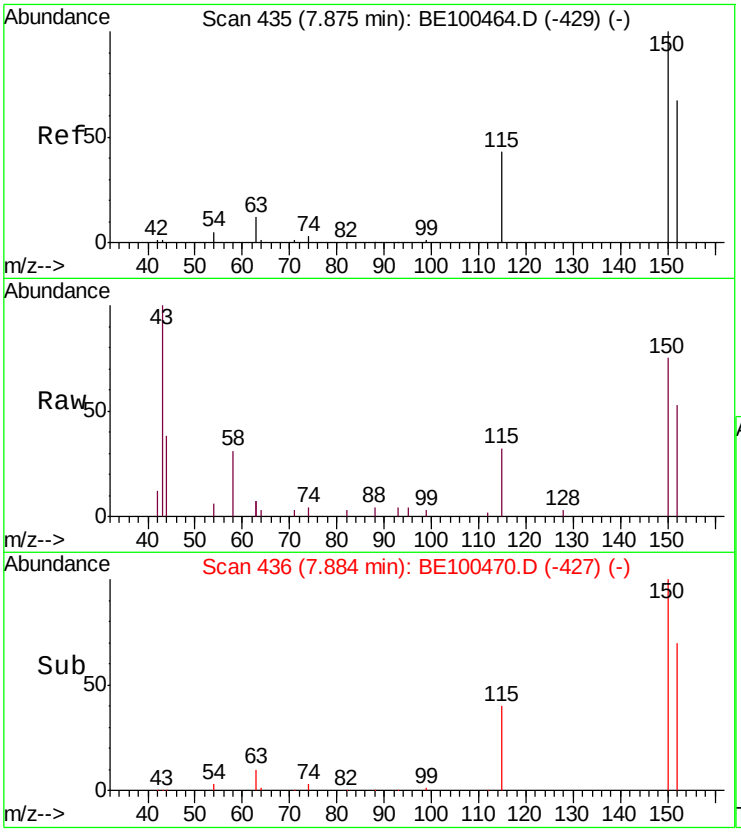
Quantitation Report (Not Reviewed)

Data File : BE100470.D
Acq On : 19 Jul 2019 14:37
Operator : HP/JU
Sample : PB121385BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Quant Time: Jul 20 02:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 13:59:01 2019
Response via : Initial Calibration



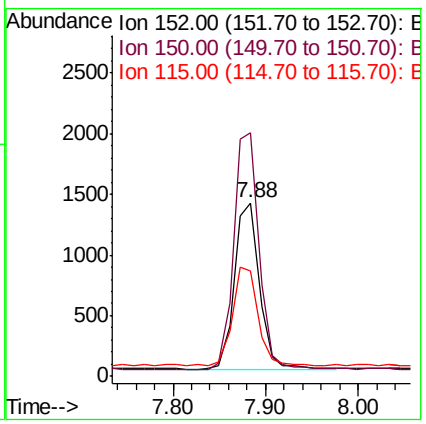


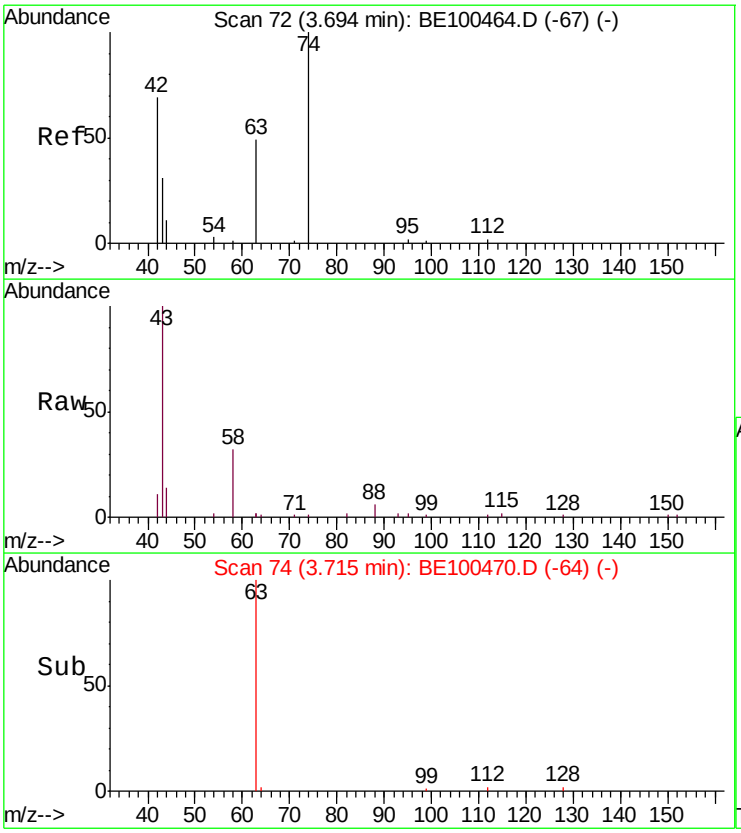

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:152 Resp: 2595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 140.4 | 117.6 | 176.4 |
| 115 | 60.8 | 54.9 | 82.3 |

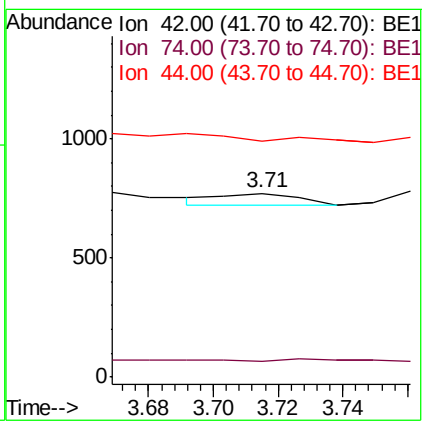


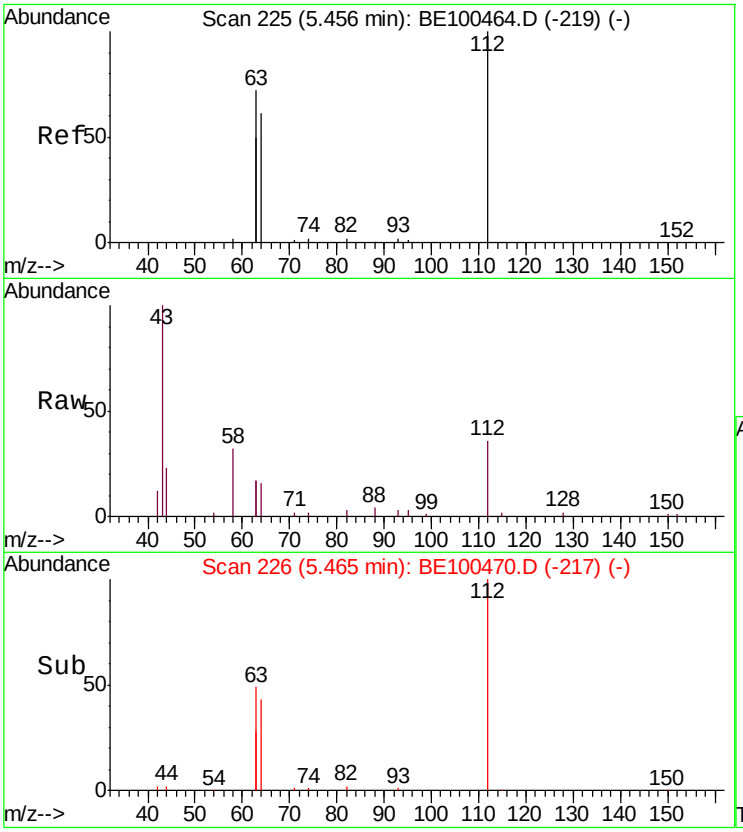




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.71 min Scan# 74
Delta R.T. 0.02 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion: 42 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 8.9 | 105.8 | 158.8# |
| 44 | 0.0 | 0.0 | 0.0 |



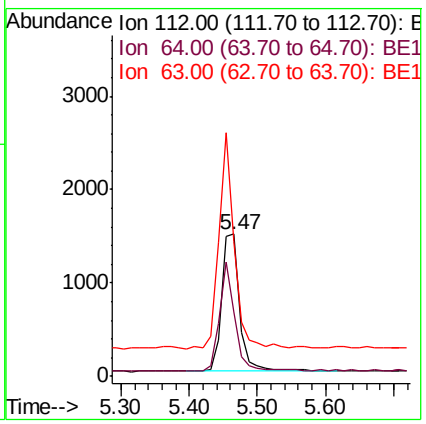


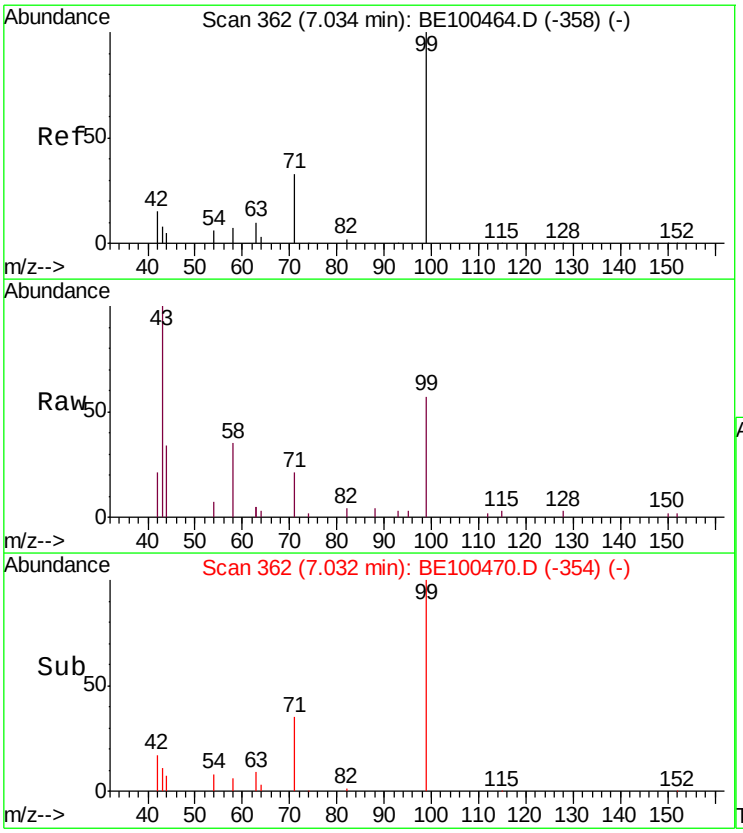

#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.01 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:112 Resp: 2737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.5 | 51.9 | 77.9 |
| 63 | 135.1 | 103.9 | 155.9 |

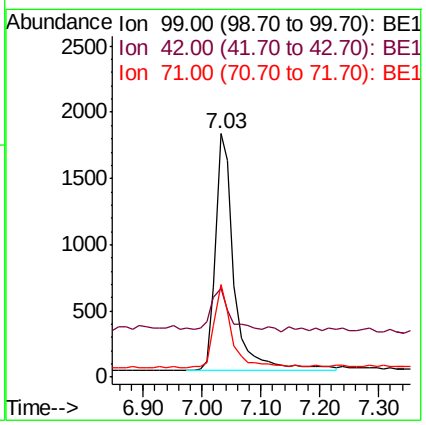


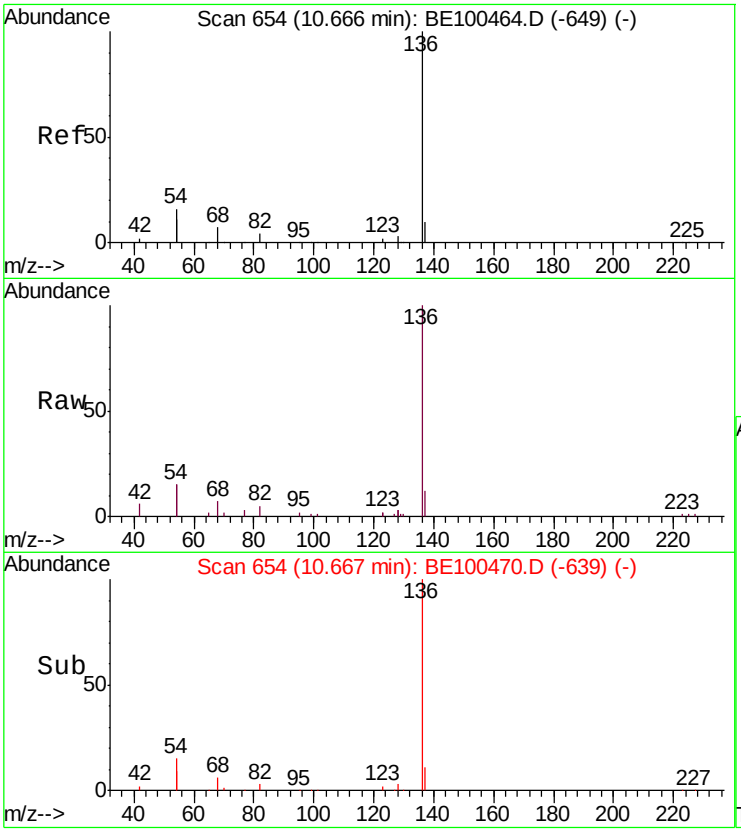




#5
Phenol-d6
Concen: 0.424 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion: 99 Resp: 3847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 16.2 | 24.4 |
| 71 | 33.2 | 26.0 | 39.0 |



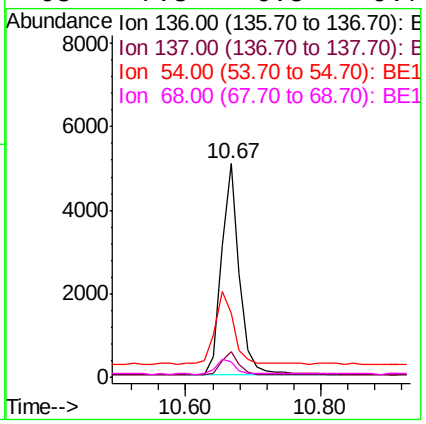


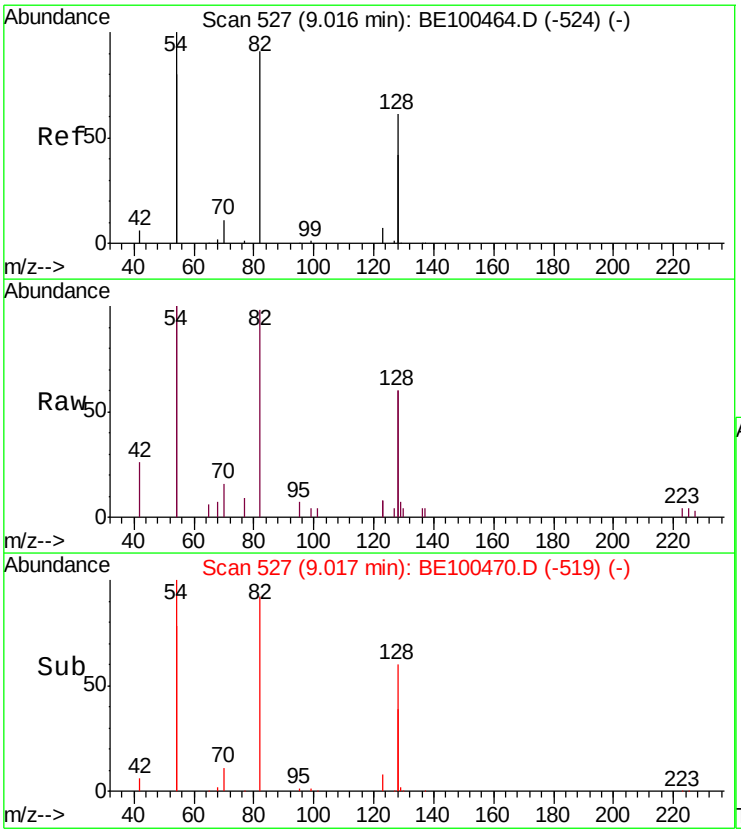

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:136 Resp: 9605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.8 | 9.0 | 13.6 |
| 54 | 30.2 | 26.2 | 39.2 |
| 68 | 7.3 | 6.5 | 9.7 |

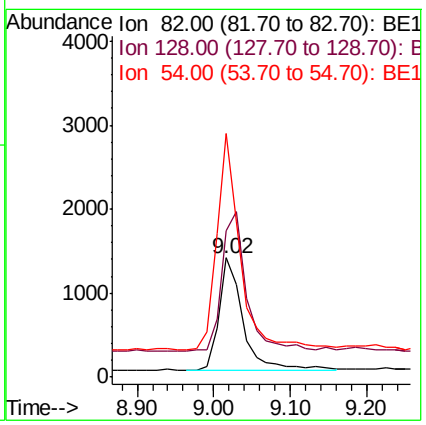


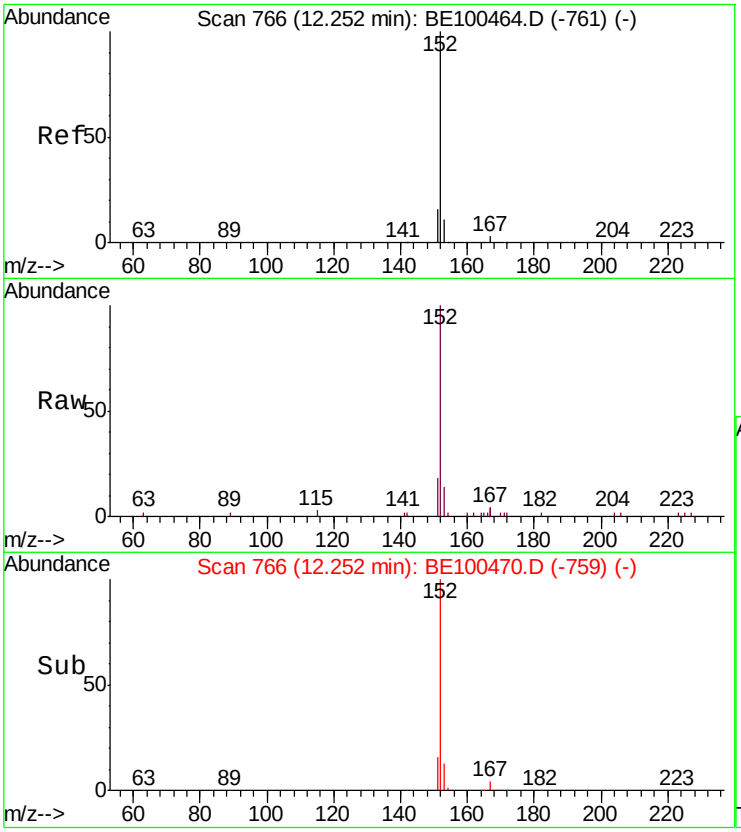




#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion: 82 Resp: 2937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 122.6 | 100.7 | 151.1 |
| 54 | 204.5 | 164.4 | 246.6 |



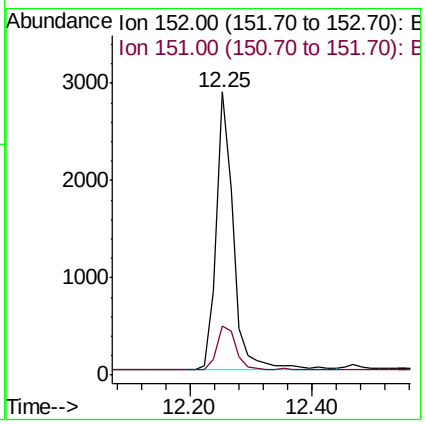


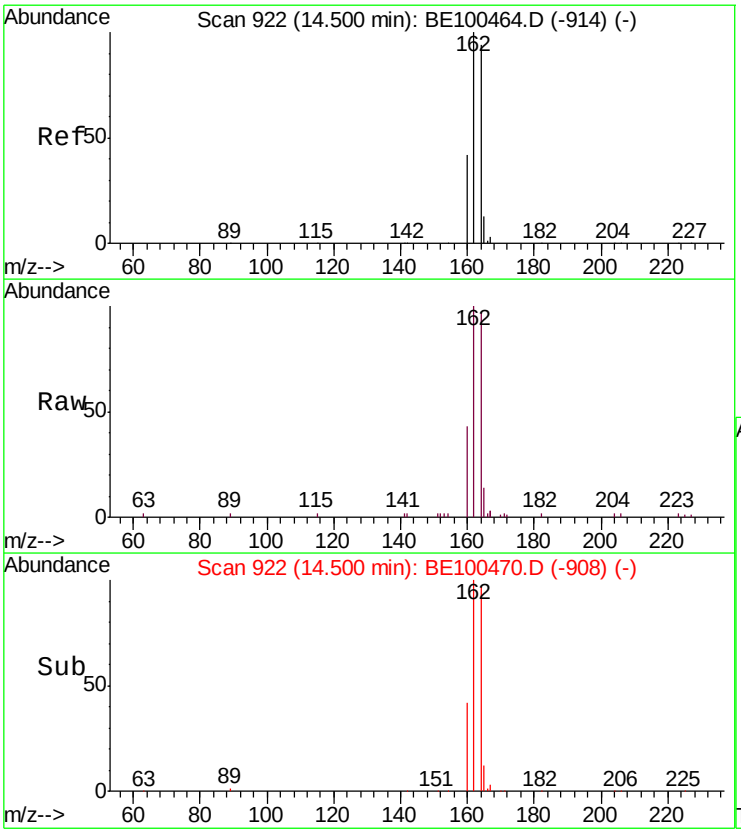

#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:152 Resp: 5569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.4 | 15.8 | 23.6 |

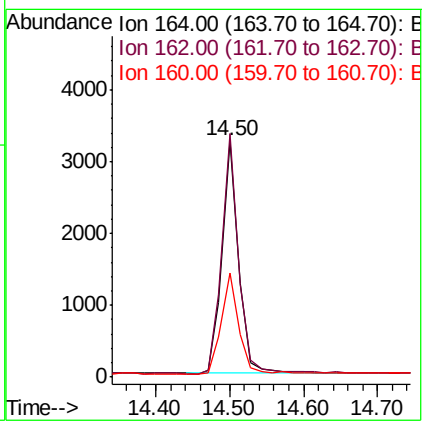


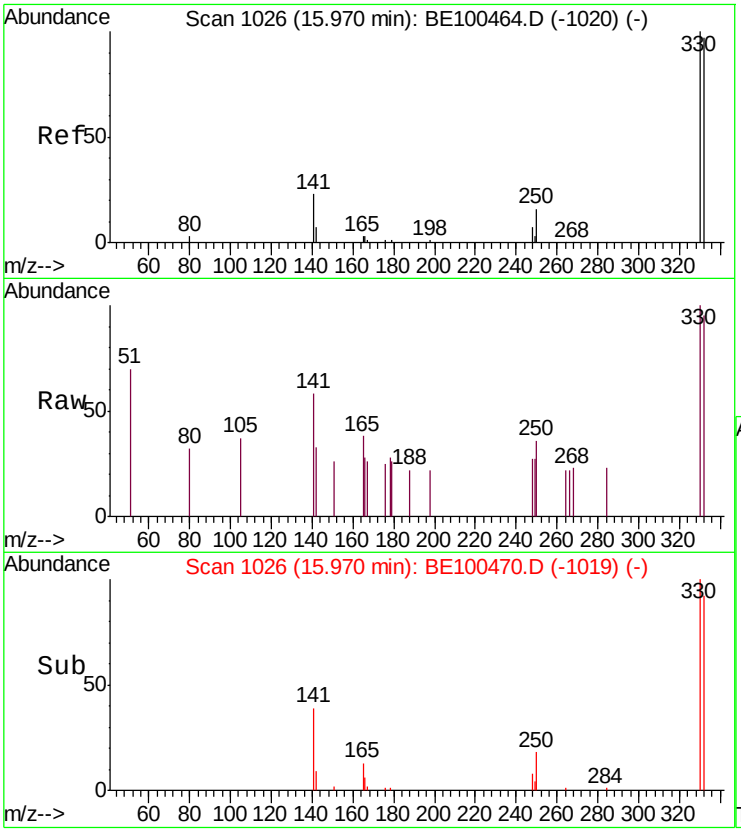




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion:164 Resp: 5068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.9 | 85.0 | 127.6 |
| 160 | 44.0 | 36.2 | 54.2 |



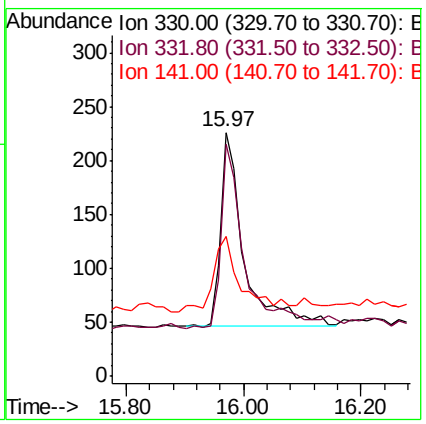


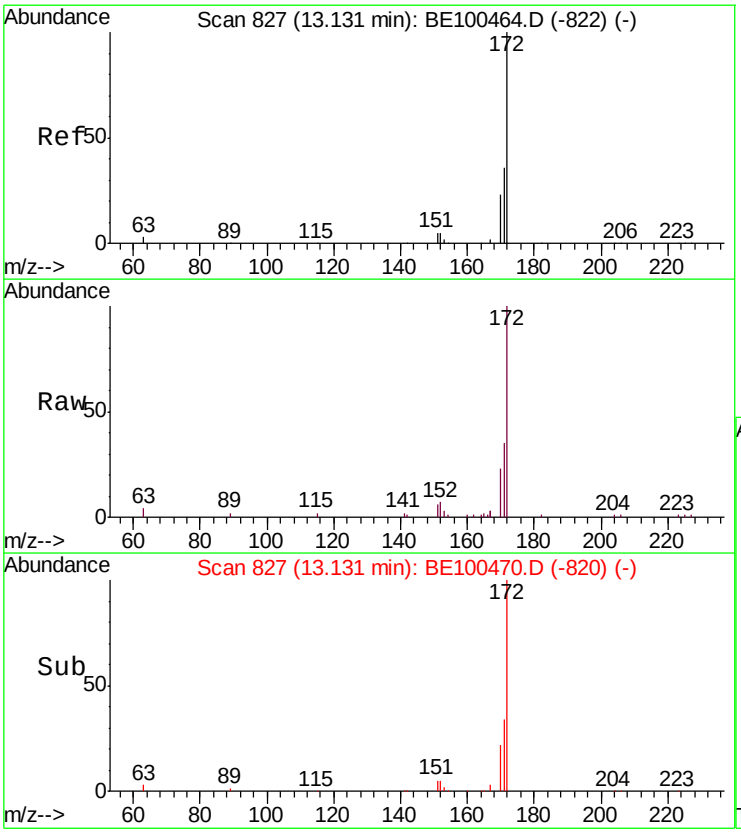

#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:330 Resp: 506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.3 | 114.5 |
| 141 | 34.4 | 29.4 | 44.2 |

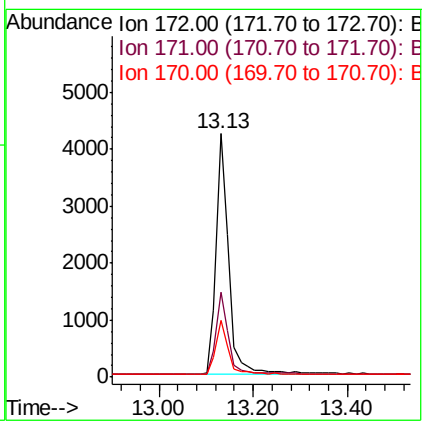


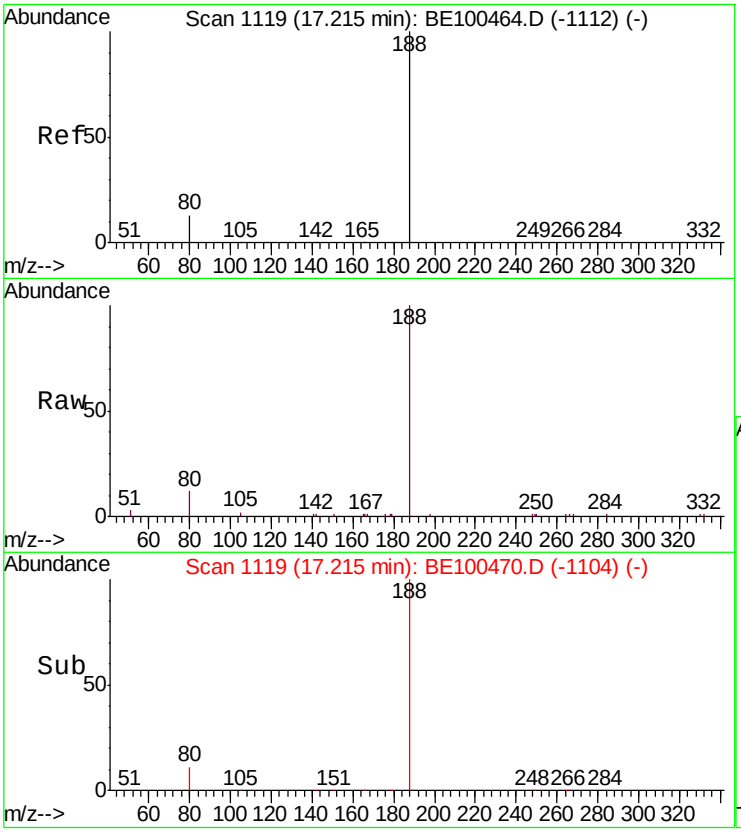




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion:172 Resp: 7914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 29.2 | 43.8 |
| 170 | 23.2 | 18.8 | 28.2 |



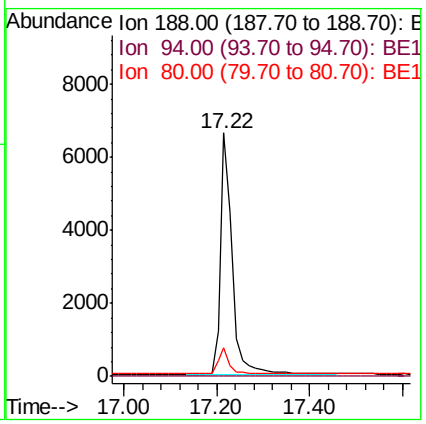


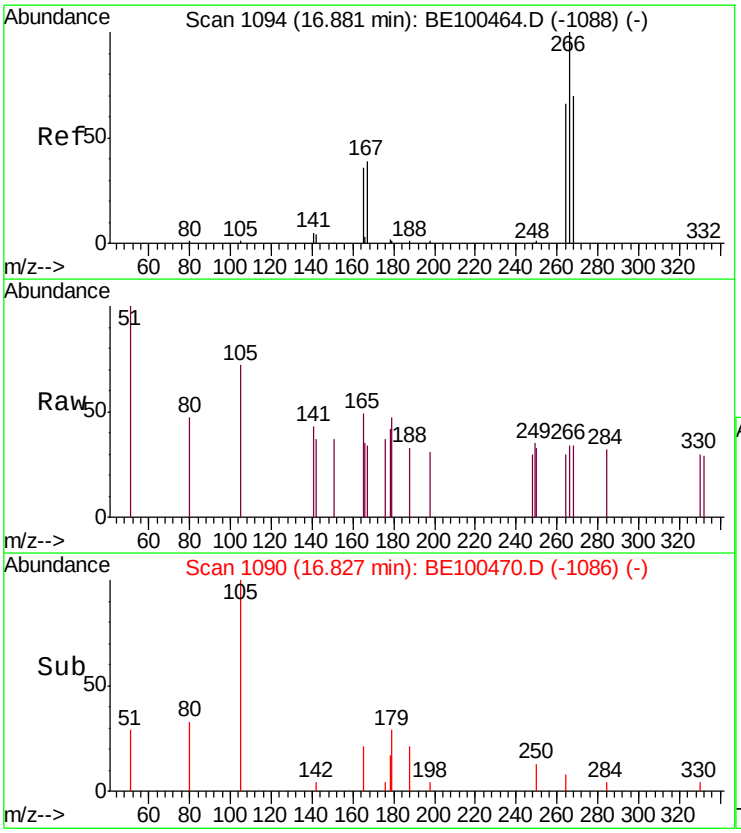

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:188 Resp: 11886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.7 | 10.7 | 16.1 |

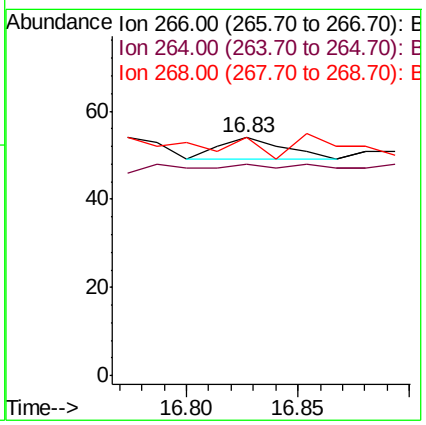


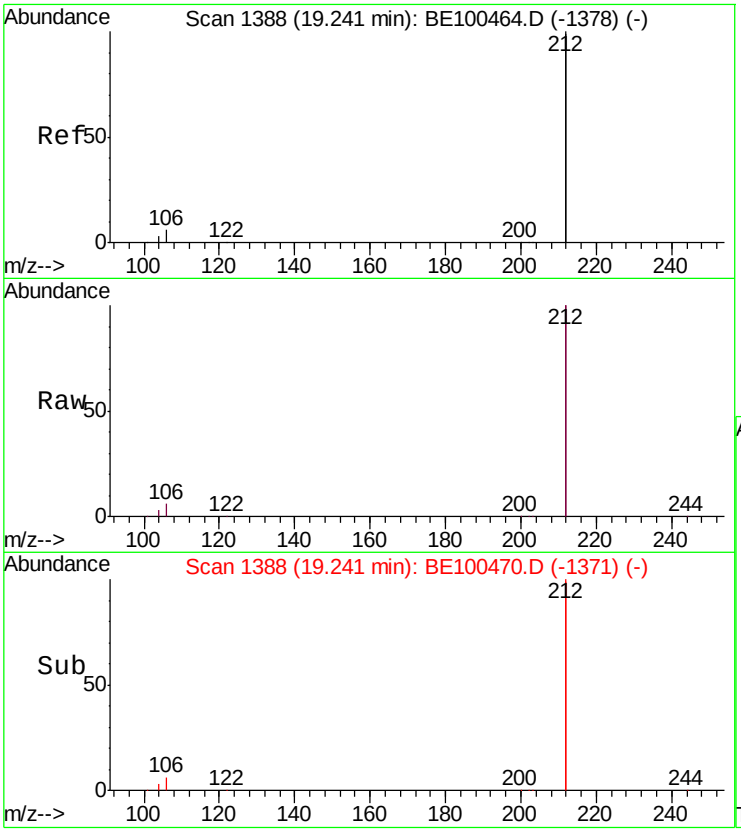




#22
Pentachlorophenol
Concen: 0.192 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion:266 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 88.9 | 55.5 | 83.3# |
| 268 | 100.0 | 59.2 | 88.8# |



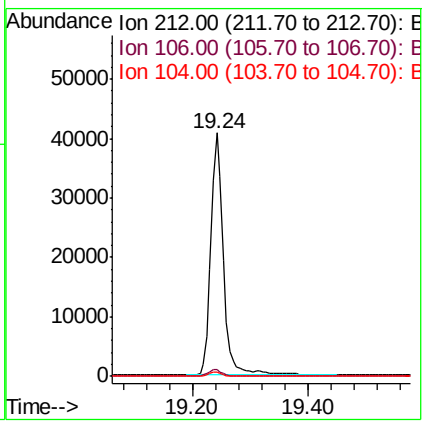


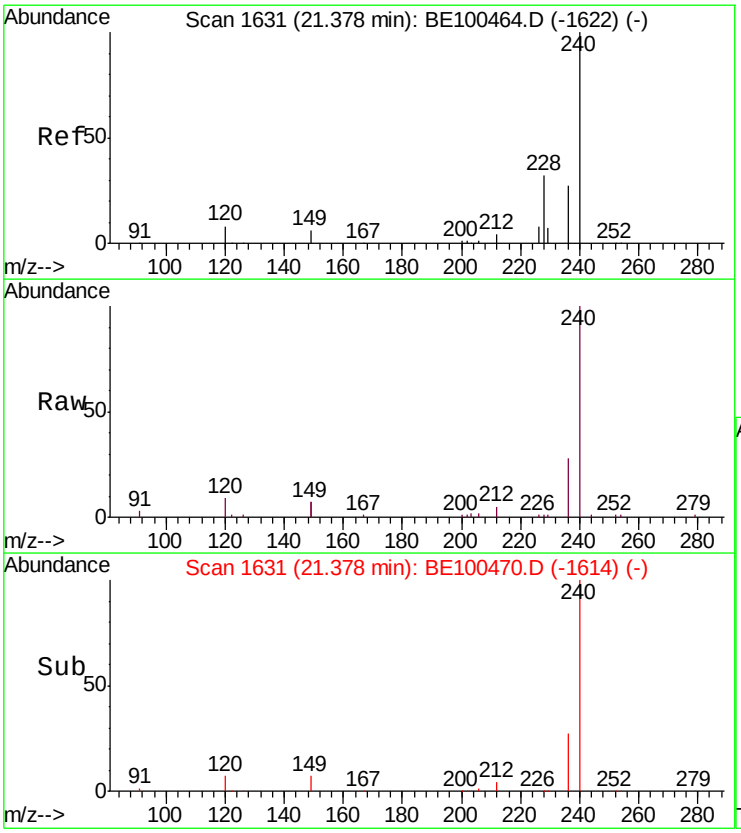

#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:212 Resp: 61994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.8 | 2.2 | 3.2 |
| 104 | 1.6 | 1.2 | 1.8 |

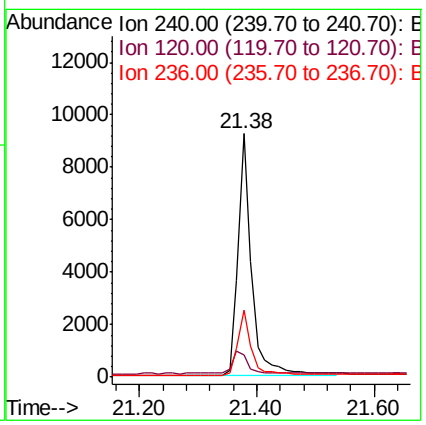


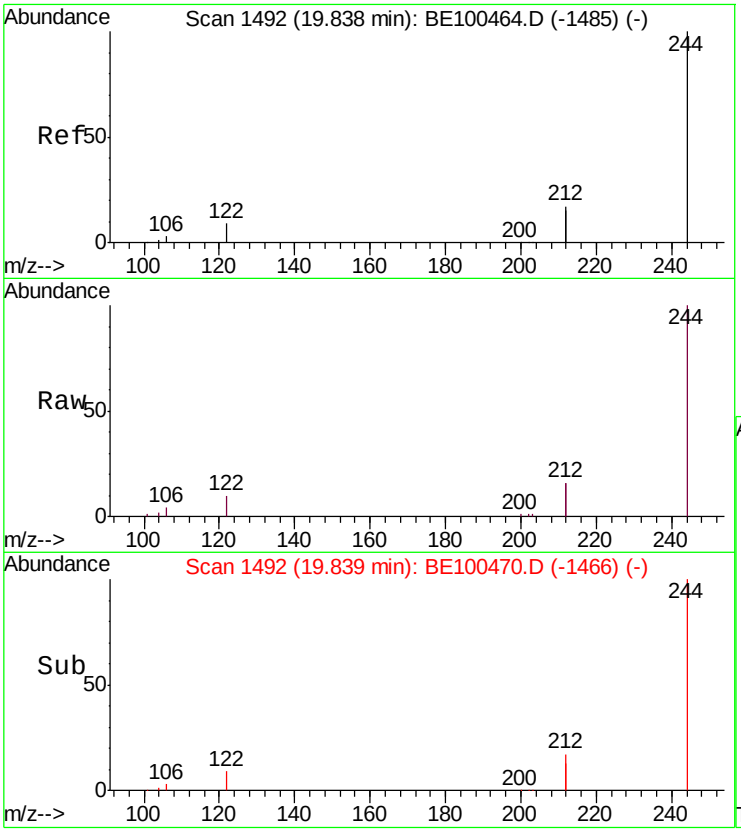




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion:240 Resp: 15012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.9 | 7.1 | 10.7 |
| 236 | 27.7 | 21.7 | 32.5 |



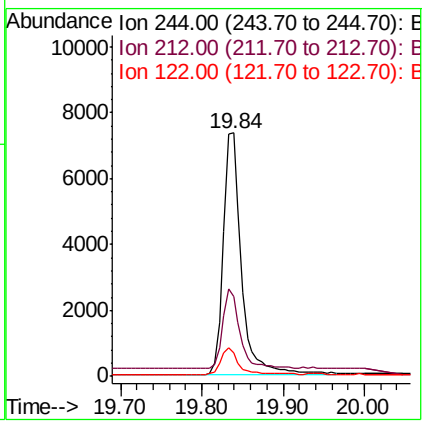


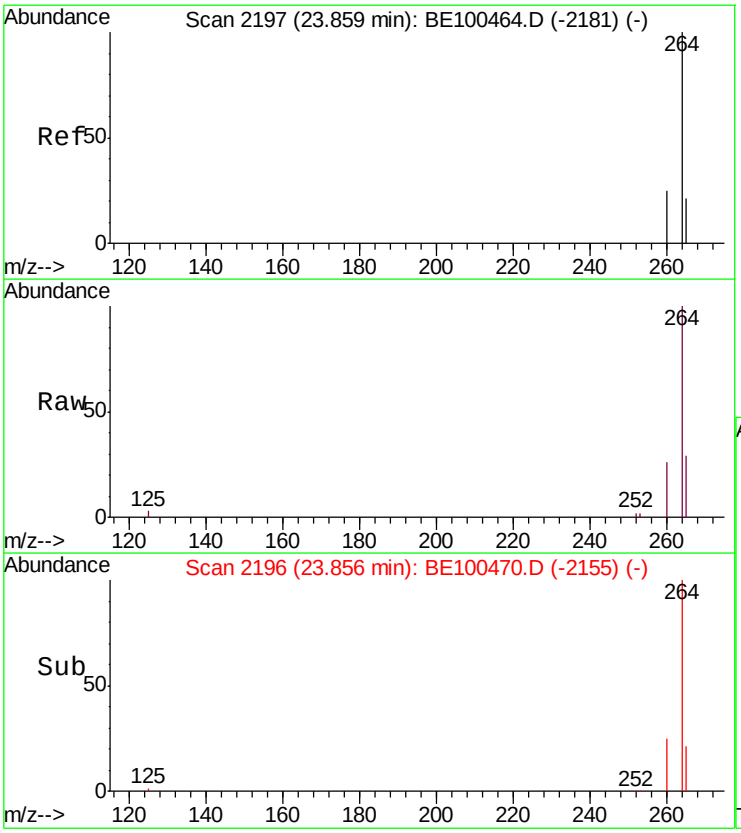

#29
Terphenyl-d14
Concen: 0.329 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

**Instrument :**
BNA_E
**ClientSampleId :**
PB121385BL

Tgt Ion:244 Resp: 11406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 32.9 | 26.6 | 40.0 |
| 122 | 9.6 | 7.6 | 11.4 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BE100470.D
Acq: 19 Jul 2019 14:37

Tgt Ion:264 Resp: 20803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.7 | 20.7 | 31.1 |
| 265 | 28.9 | 23.4 | 35.0 |