Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100052.D
Acq On : 15 Jun 2019 10:22
Operator : JU/SJ
Sample : K3315-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** RE125D1-20190610

Quant Time: Jun 17 01:19:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 628 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.61 | 136 | 2169 | 0.40 | ng | 0.01 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 1895 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 6159 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.40 | 240 | 7247 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.93 | 264 | 7880 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.36 | 112 | 238 | 0.14 | ng | 0.00 |
| 5) Phenol-d6 | 7.03 | 99 | 131 | 0.06 | ng | 0.07 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 698 | 0.34 | ng | 0.04 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 1410 | 0.37 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 391 | 0.28 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 3017 | 0.42 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 30185 | 0.34 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 7855 | 0.60 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 7096 | 7.635 | ng | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 5000 | 0.161 | ng | 99 |

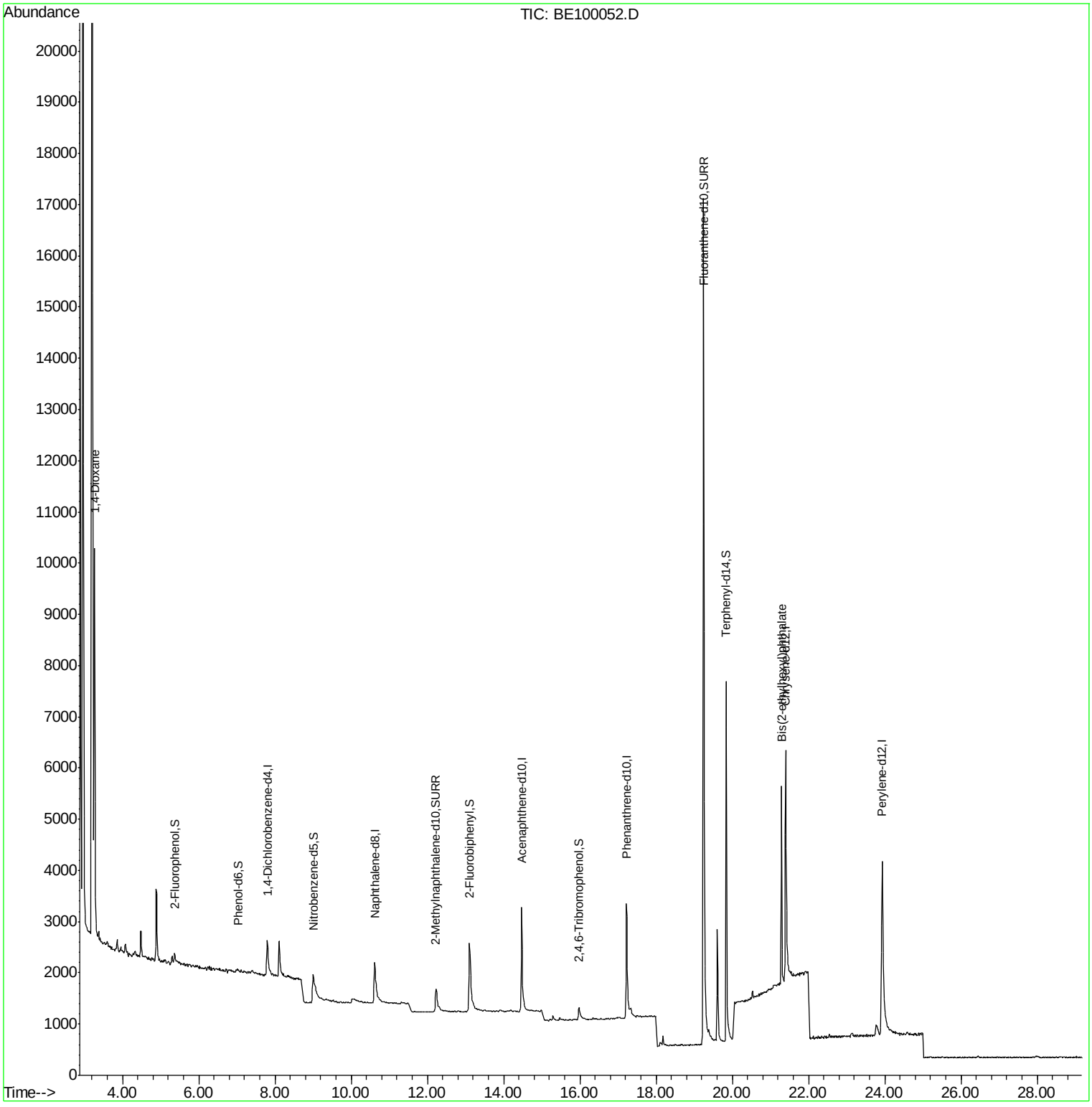
(#) = qualifier out of range (m) = manual integration (+) = signals summed

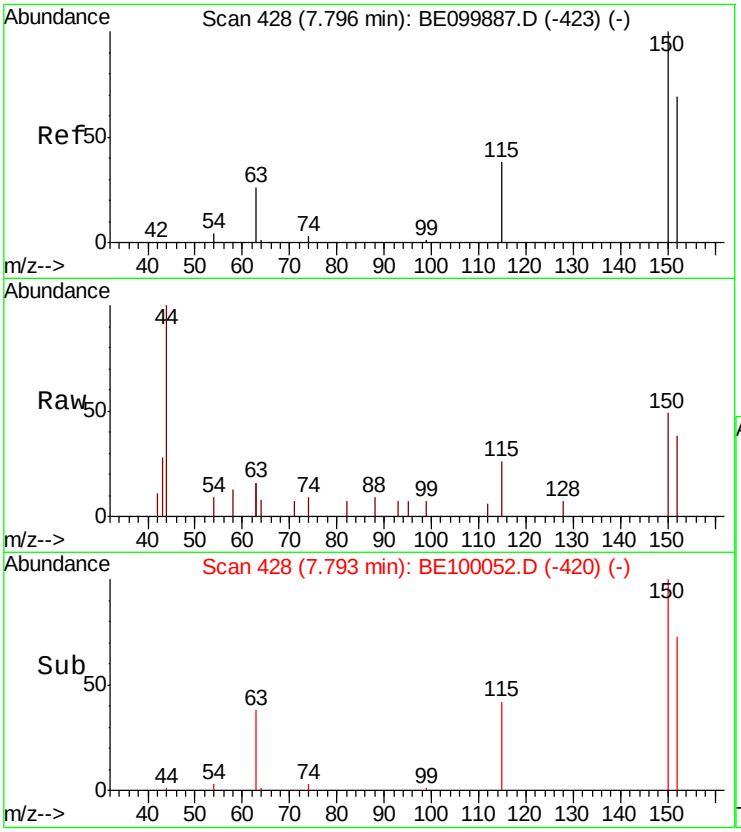
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100052.D
Acq On : 15 Jun 2019 10:22
Operator : JU/SJ
Sample : K3315-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Quant Time: Jun 17 01:19:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



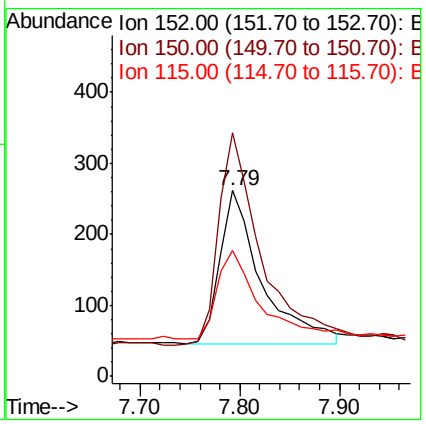


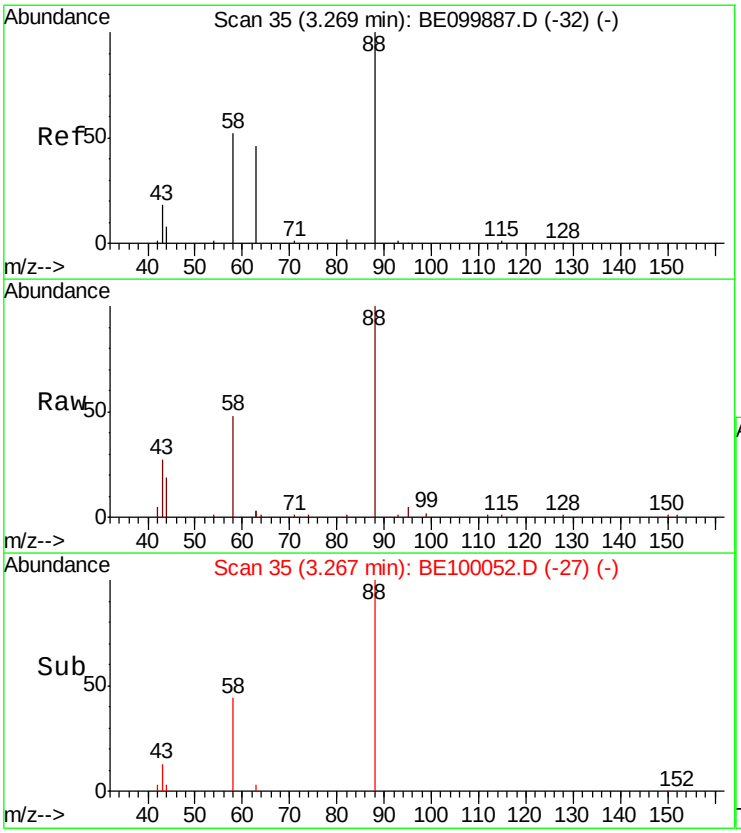

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:152 Resp: 628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 130.9 | 111.0 | 166.6 |
| 115 | 67.9 | 50.7 | 76.1 |

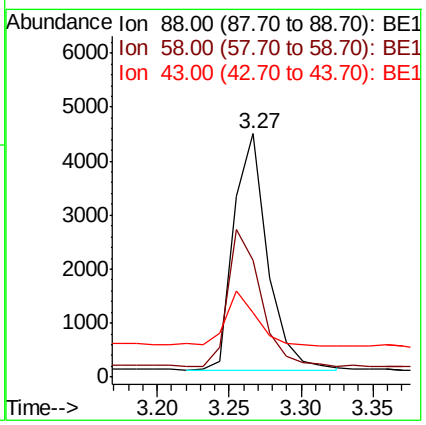


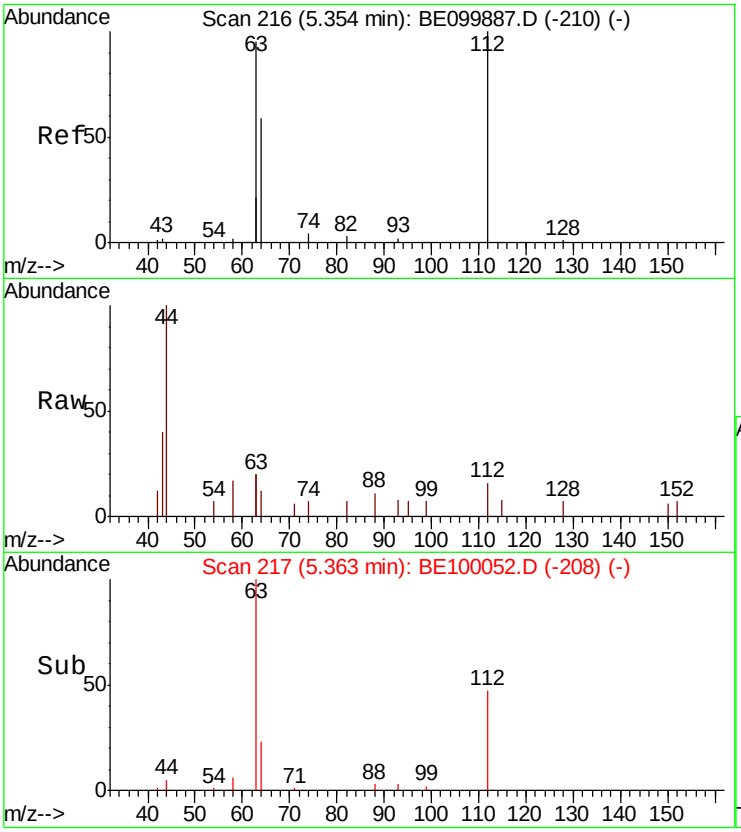




#2
1,4-Dioxane
Concen: 7.635 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion: 88 Resp: 7096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 55.8 | 48.8 | 73.2 |
| 43 | 21.9 | 19.0 | 28.6 |



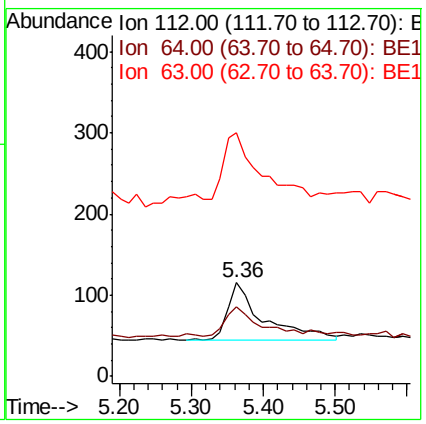


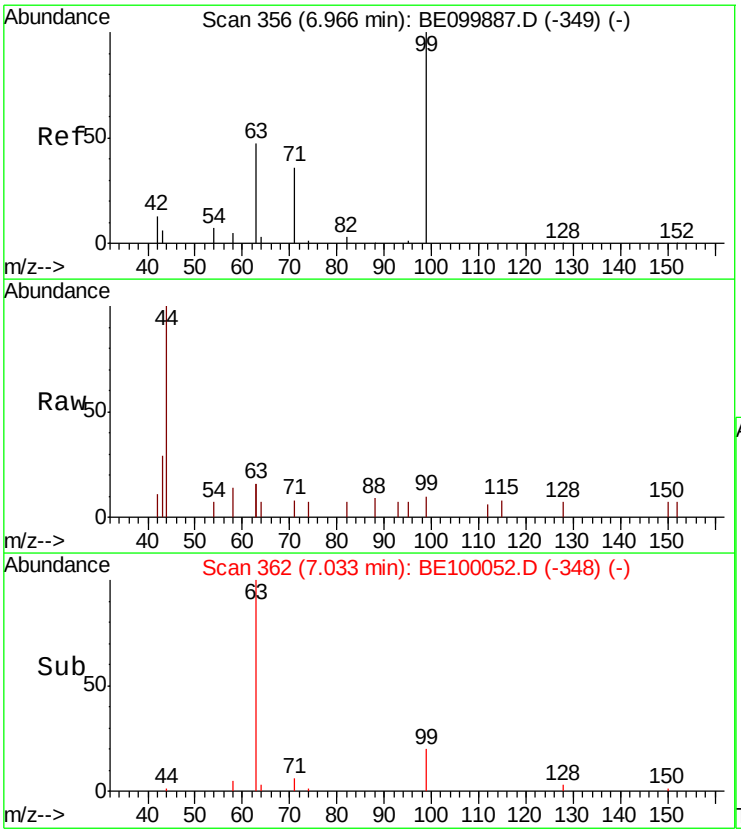

#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:112 Resp: 238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 44.1 | 66.1 |
| 63 | 121.4 | 87.8 | 131.6 |

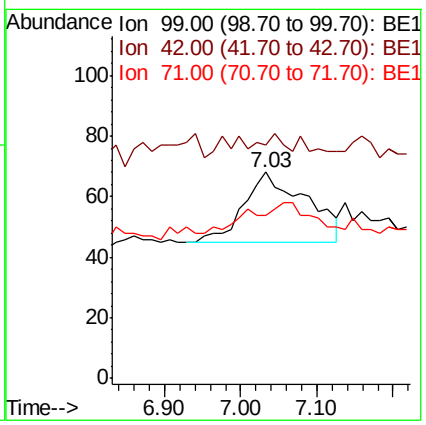


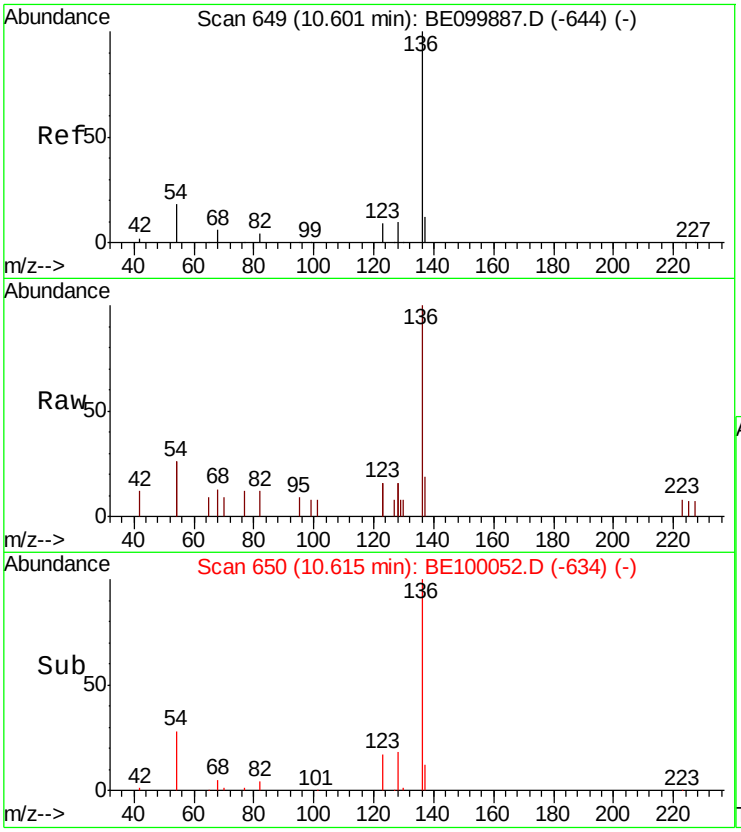




#5
Phenol-d6
Concen: 0.060 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.07 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion: 99 Resp: 131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 15.9 | 23.9# |
| 71 | 0.0 | 34.6 | 52.0# |



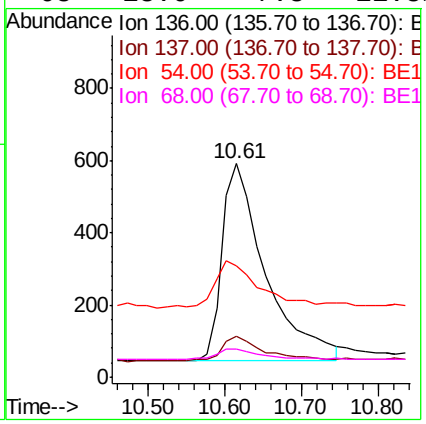


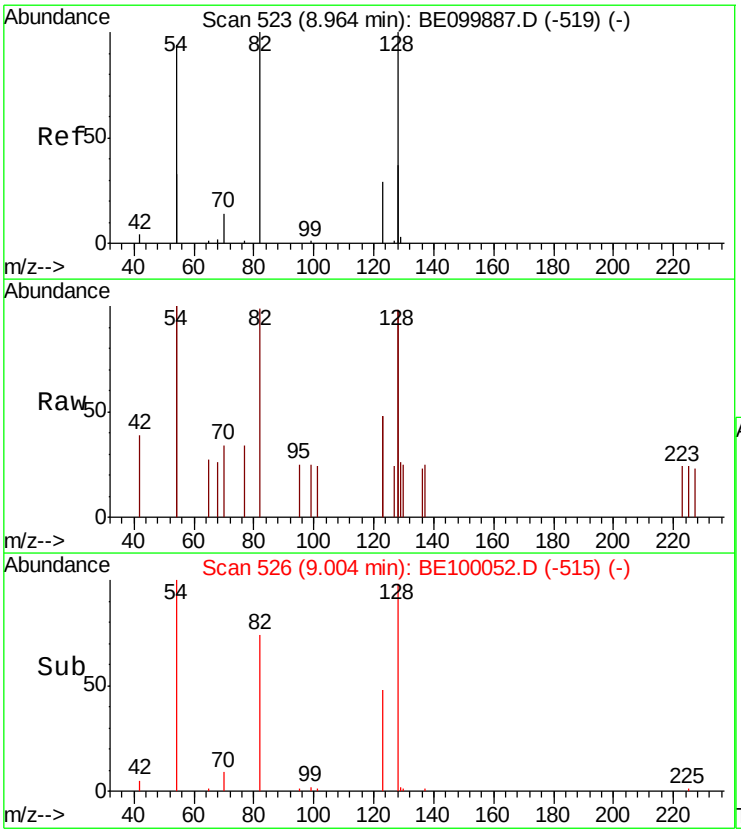

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:136 Resp: 2169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 19.3 | 12.3 | 18.5# |
| 54 | 52.0 | 28.2 | 42.4# |
| 68 | 13.0 | 7.8 | 11.8# |

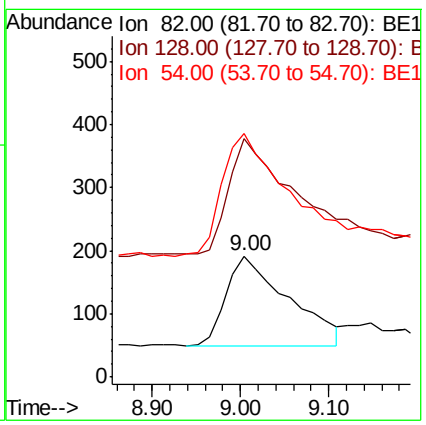


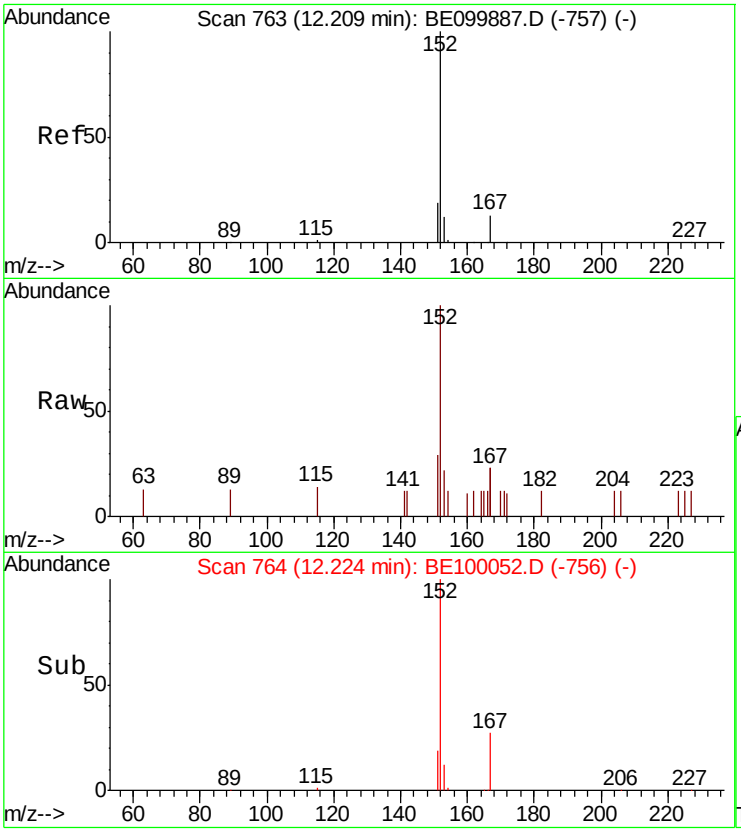




#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion: 82 Resp: 698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 196.9 | 137.3 | 205.9 |
| 54 | 201.0 | 129.7 | 194.5# |



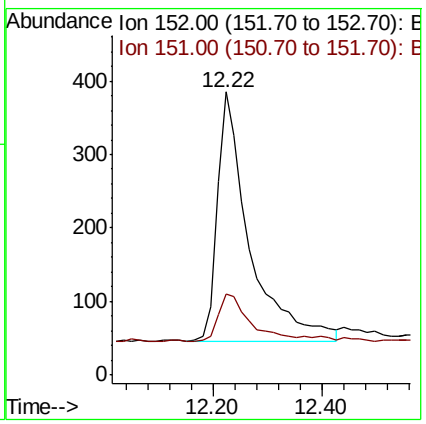


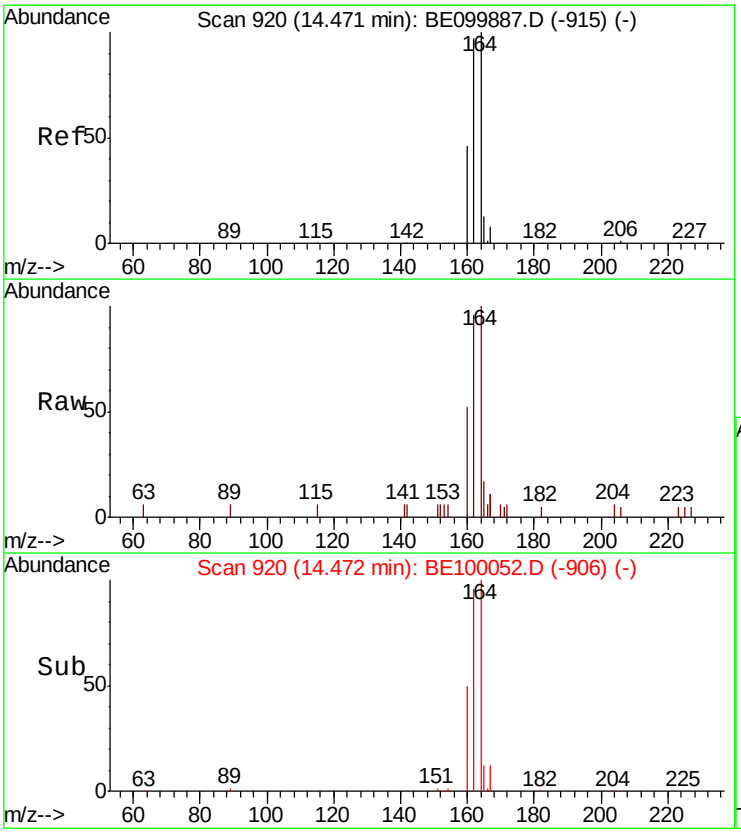

#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:152 Resp: 1410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.0 | 15.2 | 22.8 |

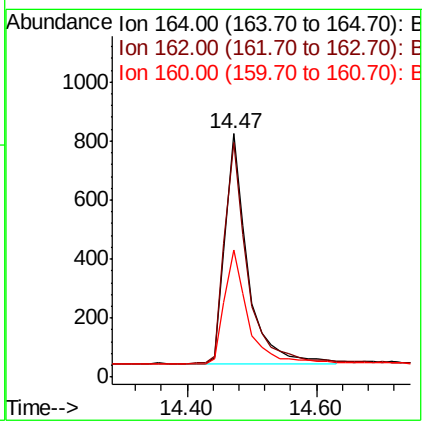


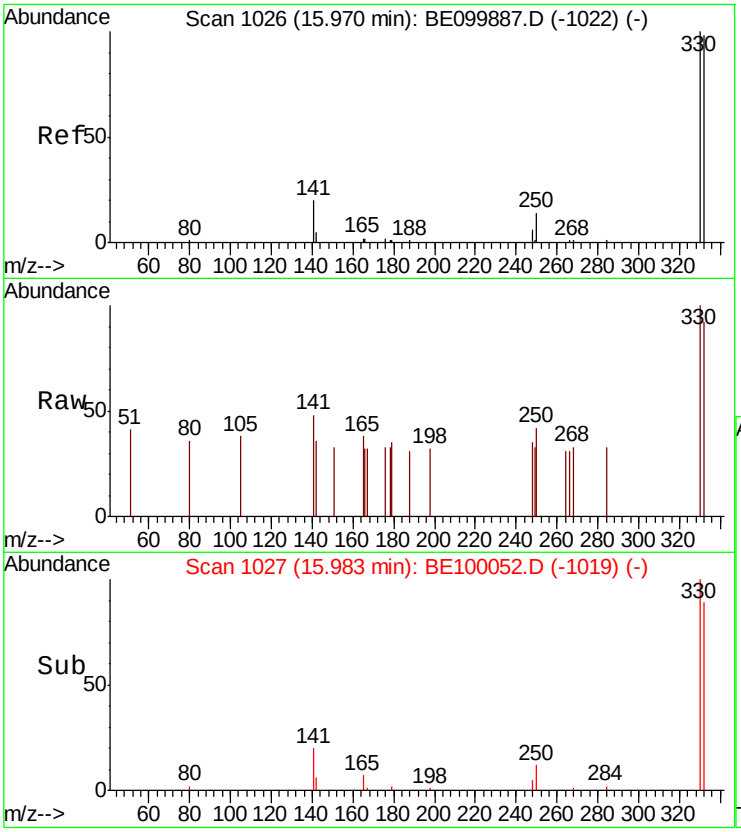




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:164 Resp: 1895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.1 | 77.8 | 116.8 |
| 160 | 52.4 | 38.2 | 57.4 |



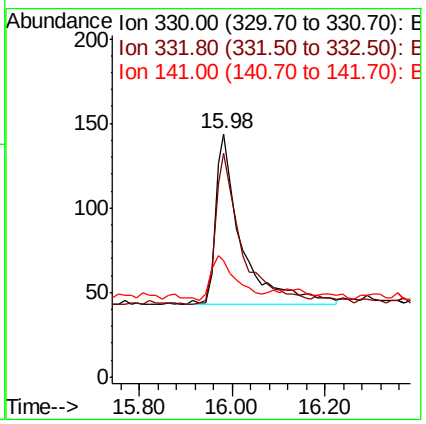


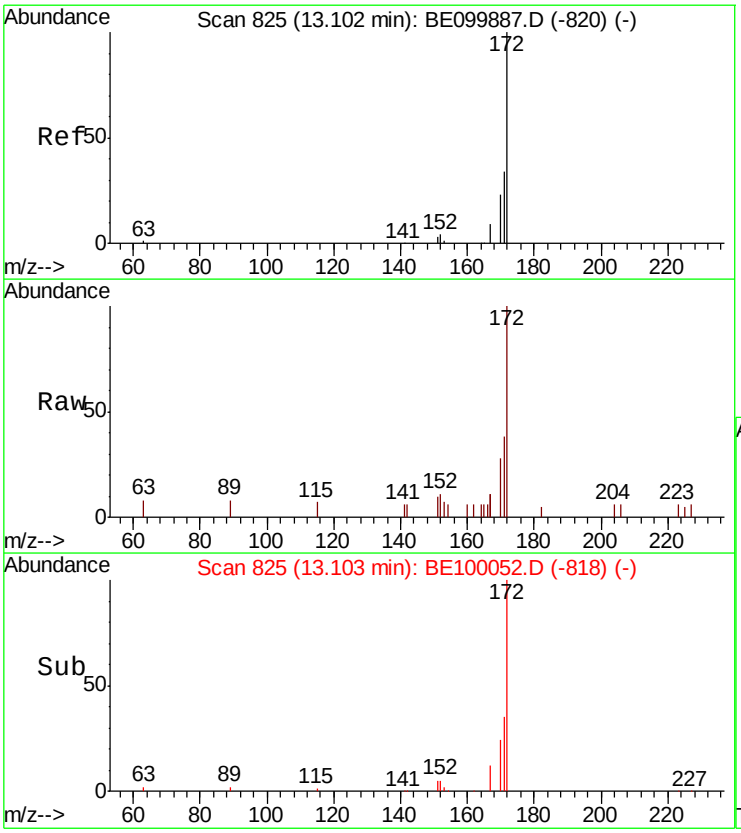

#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:330 Resp: 391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 89.5 | 76.7 | 115.1 |
| 141 | 26.3 | 21.0 | 31.6 |

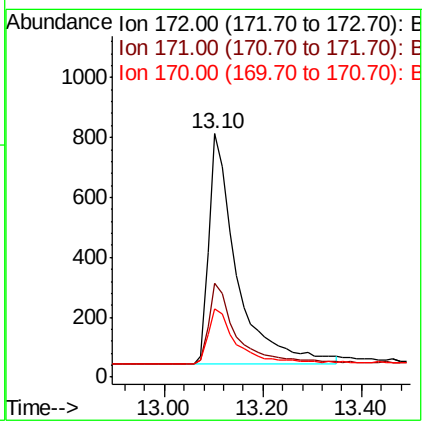


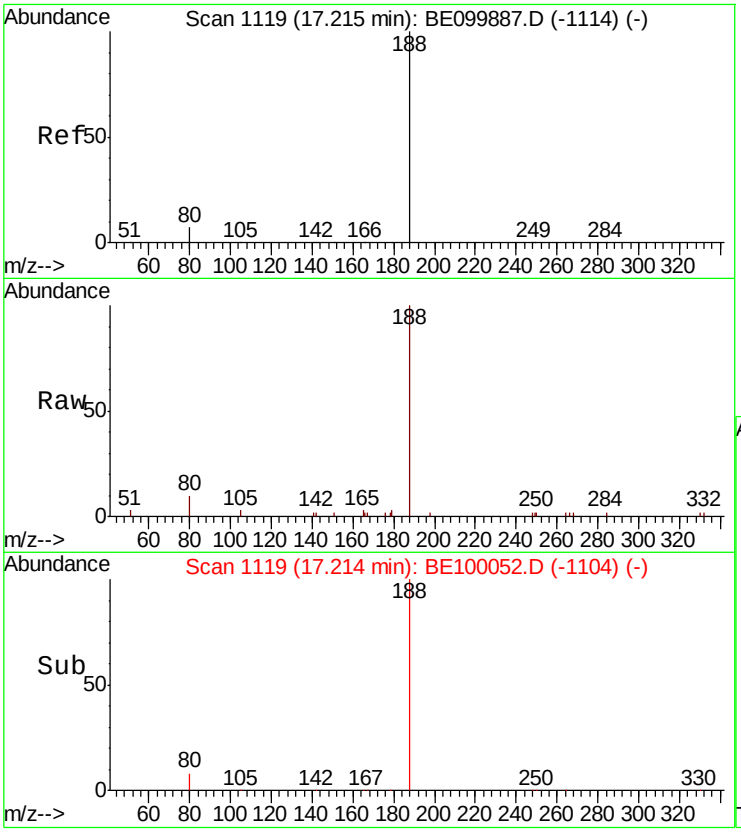




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:172 Resp: 3017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.5 | 29.2 | 43.8 |
| 170 | 28.0 | 21.2 | 31.8 |



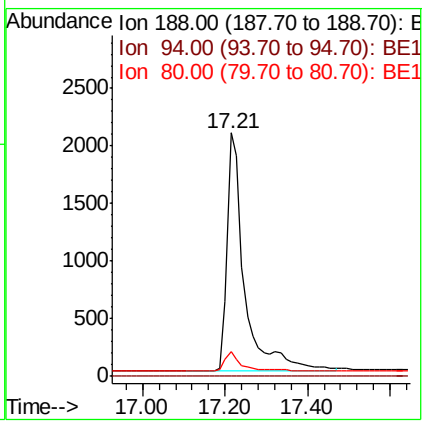


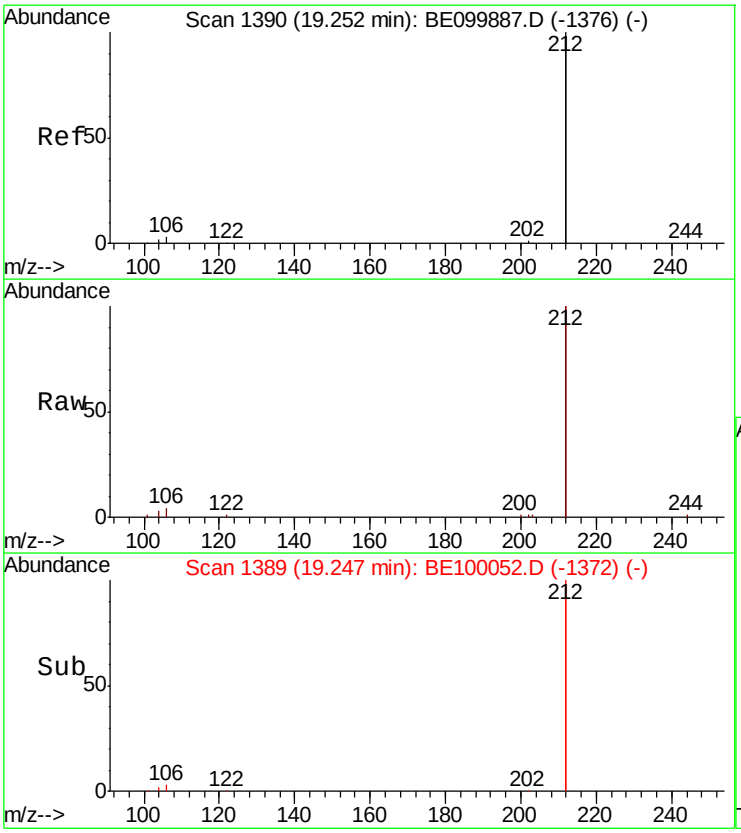

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:188 Resp: 6159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.0 | 6.4 | 9.6# |

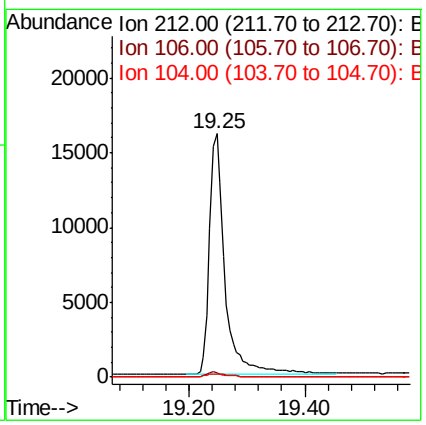


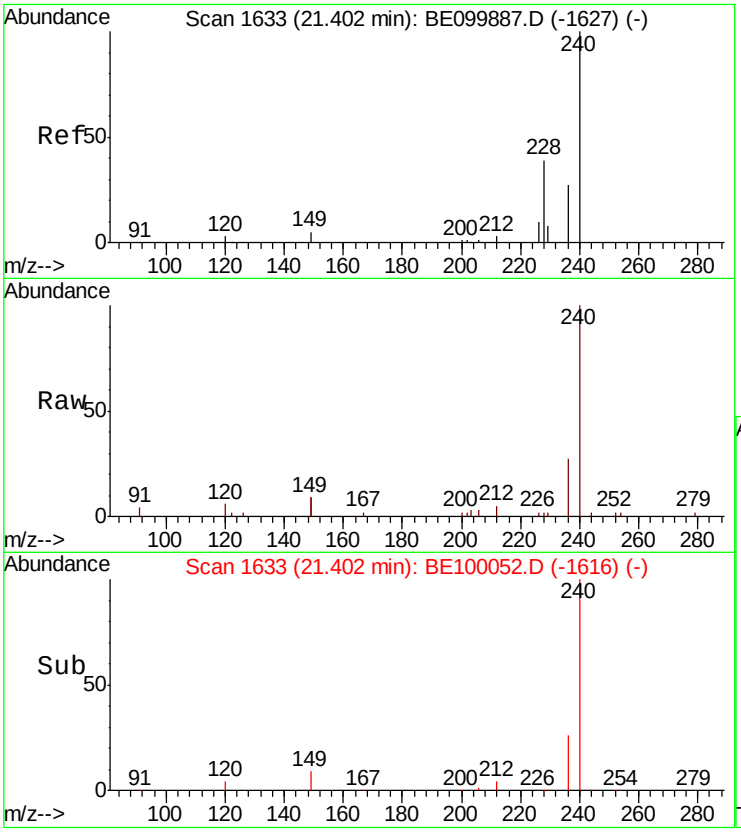




#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:212 Resp: 30185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.7 | 1.4 | 2.2 |
| 104 | 1.1 | 0.9 | 1.3 |



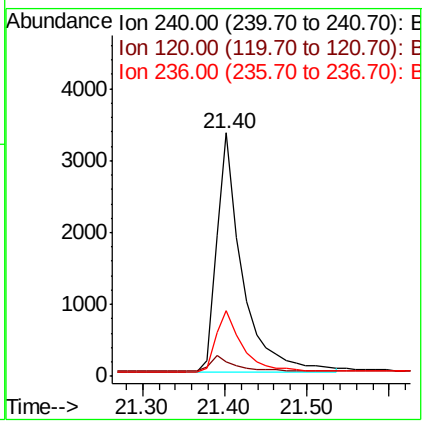


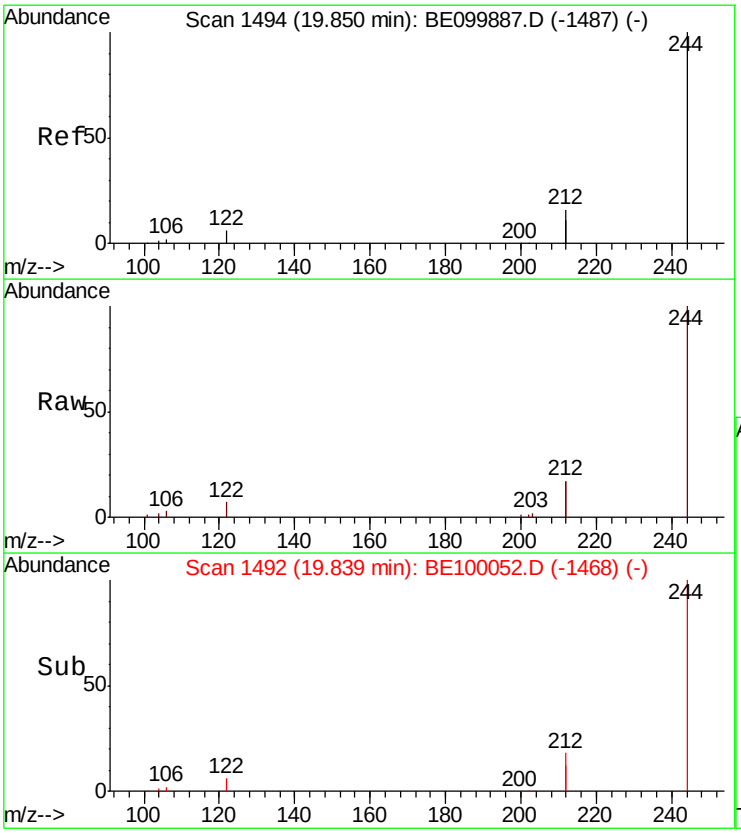

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:240 Resp: 7247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.0 | 3.8 | 5.6# |
| 236 | 27.0 | 22.0 | 33.0 |

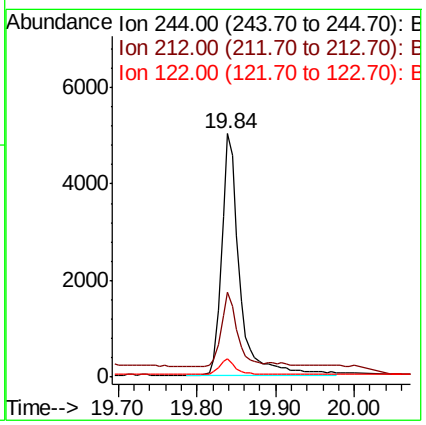


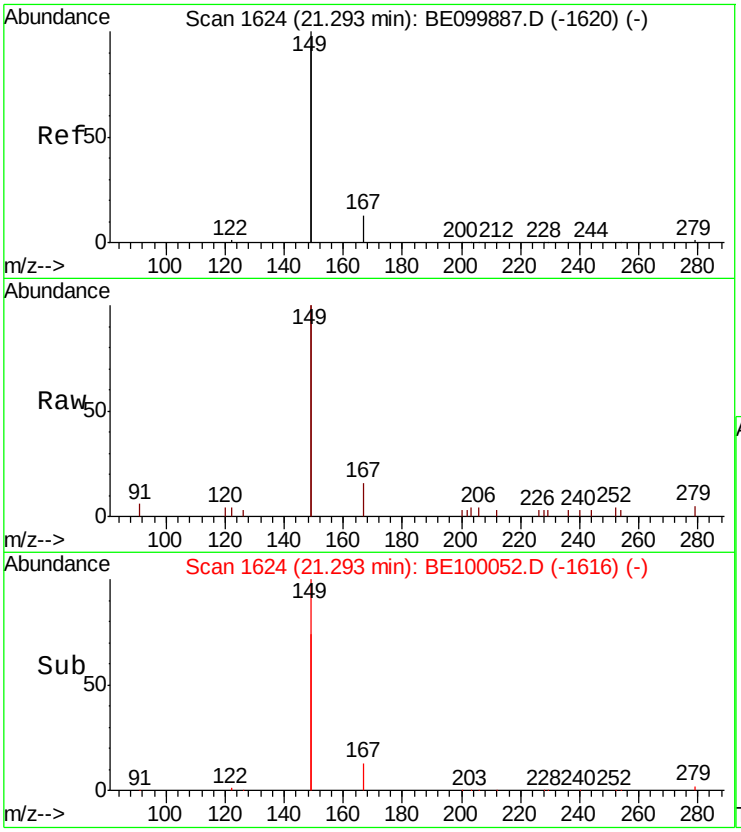




#29
Terphenyl-d14
Concen: 0.602 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:244 Resp: 7855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.9 | 25.7 | 38.5 |
| 122 | 7.3 | 5.5 | 8.3 |



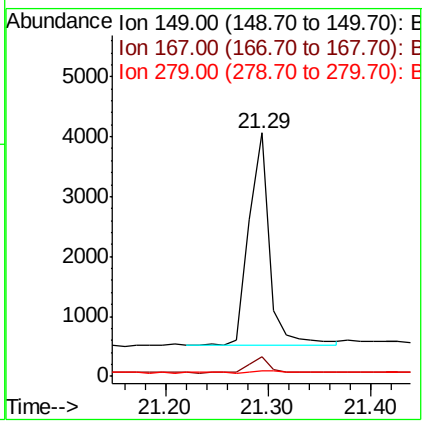


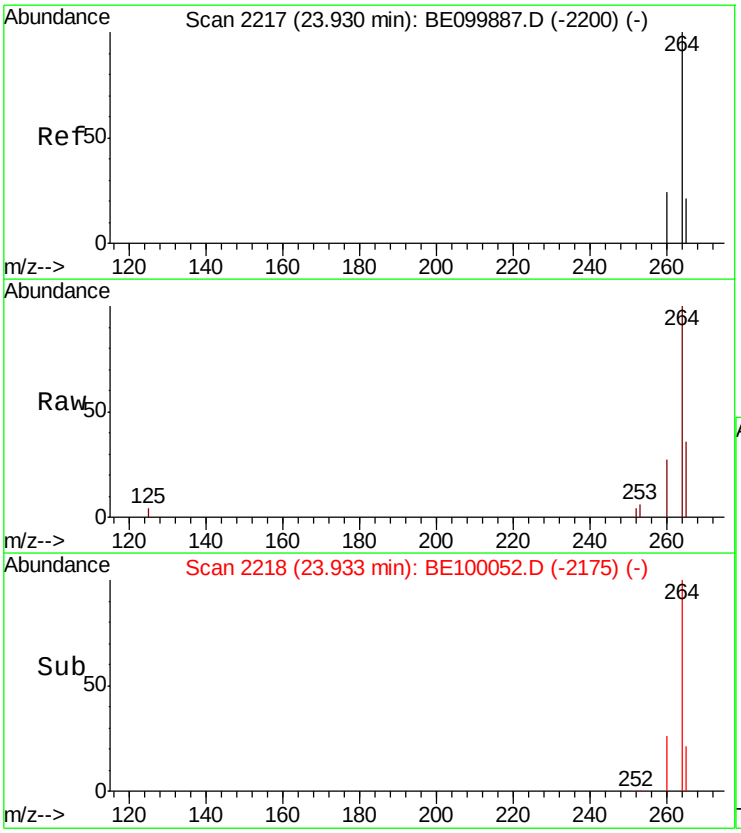

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

**Instrument :**
BNA_E
**ClientSampleId :**
RE125D1-20190610

Tgt Ion:149 Resp: 5000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.7 | 5.9 | 8.9 |
| 279 | 1.3 | 1.2 | 1.8 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:264 Resp: 7880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.3 | 20.2 | 30.2 |
| 265 | 35.6 | 22.0 | 33.0# |