Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092415\
Data File : BE090965.D
Acq On : 24 Sep 2015 4:39
Operator : UM/IZ
Sample : G3651-08RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** CPS073031RE

Quant Time: Sep 24 08:32:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 43300 | 5.00 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.31 | 136 | 187306 | 5.00 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.16 | 164 | 112565 | 5.00 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.91 | 188 | 248155 | 5.00 | ng | 0.00 |
| 26) Chrysene-d12 | 21.07 | 240 | 304027 | 5.00 | ng | 0.00 |
| 33) Perylene-d12 | 23.35 | 264 | 268618 | 5.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.18 | 112 | 23090 | 2.35 | ng | 0.00 |
| 5) Phenol-d6 | 6.79 | 99 | 17046m | 1.26 | ng | 0.04 |
| 8) Nitrobenzene-d5 | 8.72 | 82 | 39538 | 3.06 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.67 | 330 | 23846 | 6.00 | ng | -0.02 |
| 15) 2-Fluorobiphenyl | 12.79 | 172 | 106050 | 3.32 | ng | 0.00 |
| 28) Terphenyl-d14 | 19.52 | 244 | 173639 | 5.05 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Bis(2-ethylhexyl)phthalate | 20.99 | 149 | 2297 | 0.23 | ng | # 98 |

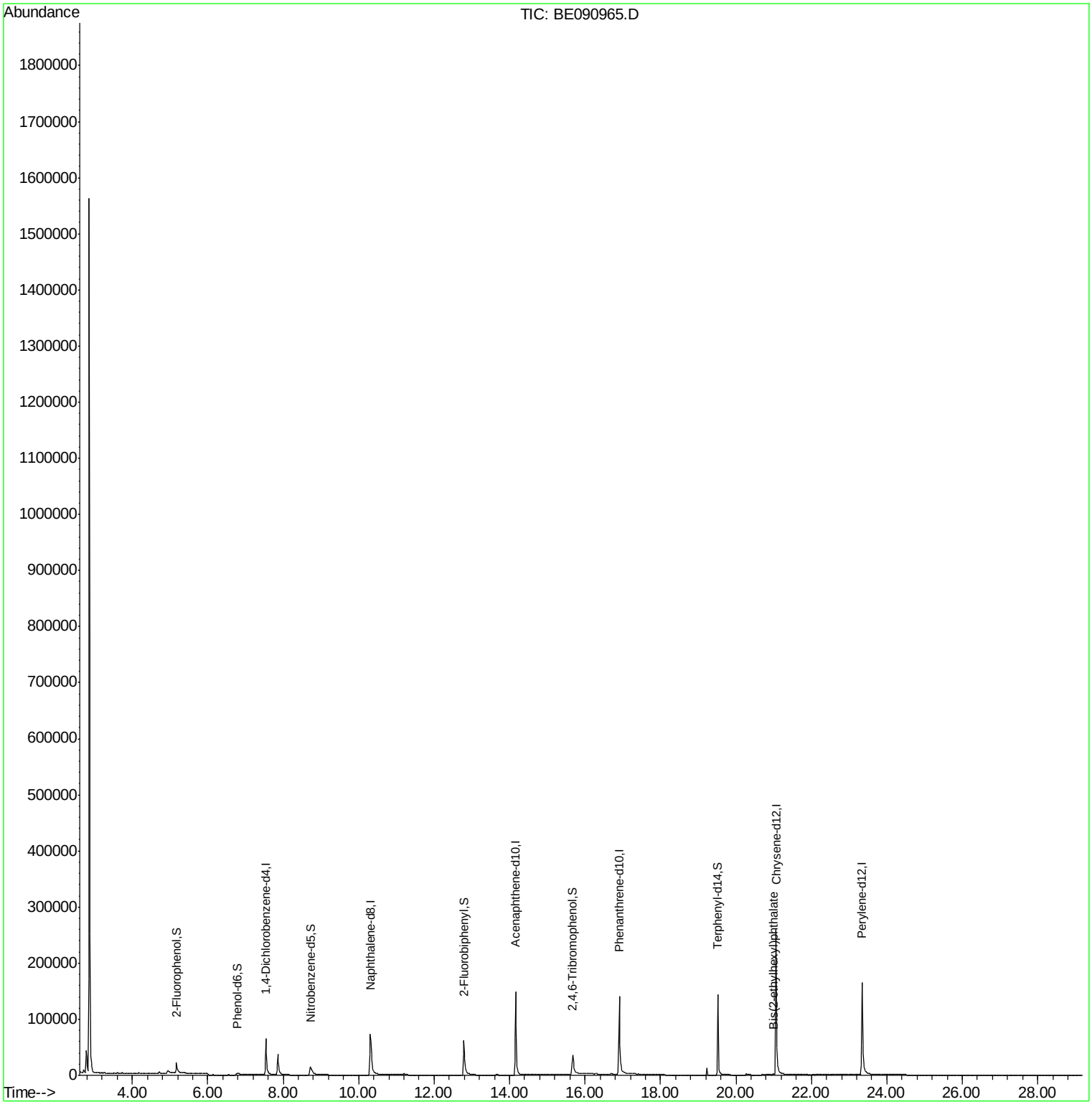
(#) = qualifier out of range (m) = manual integration (+) = signals summed

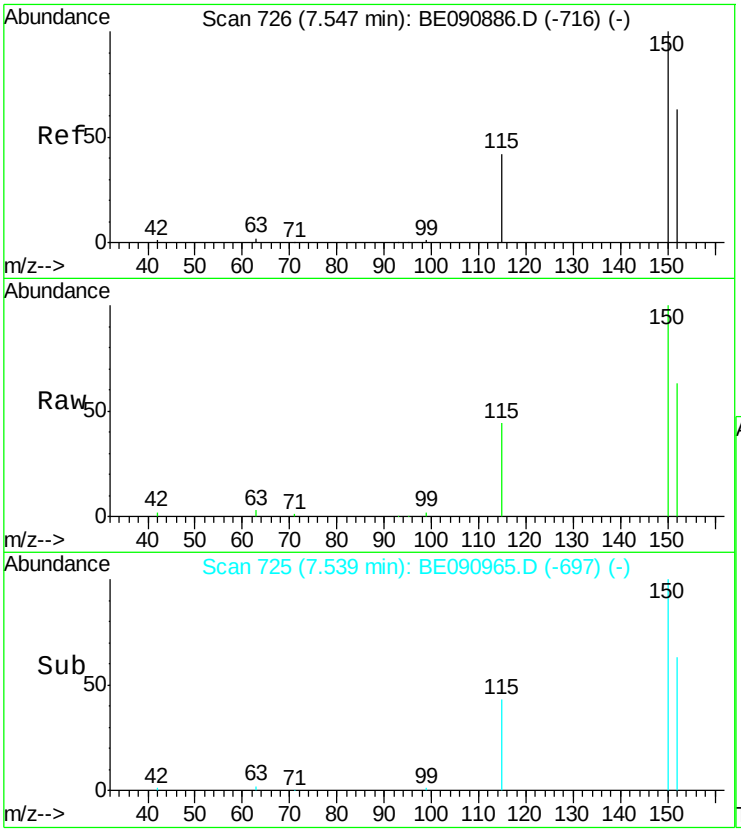
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092415\
Data File : BE090965.D
Acq On : 24 Sep 2015 4:39
Operator : UM/IZ
Sample : G3651-08RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Quant Time: Sep 24 08:32:42 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



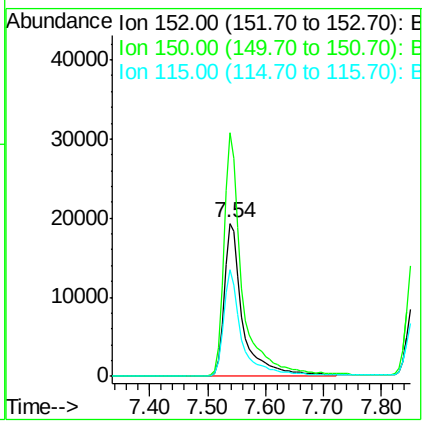


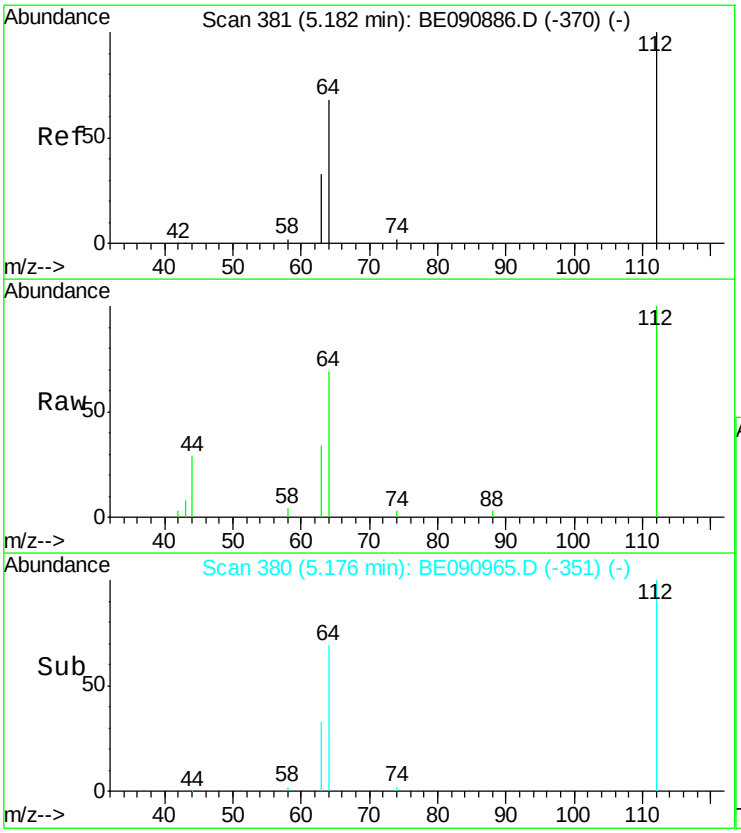

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 725
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion:152 Resp: 43300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 122.2 | 183.4 |
| 115 | 69.3 | 51.0 | 76.4 |

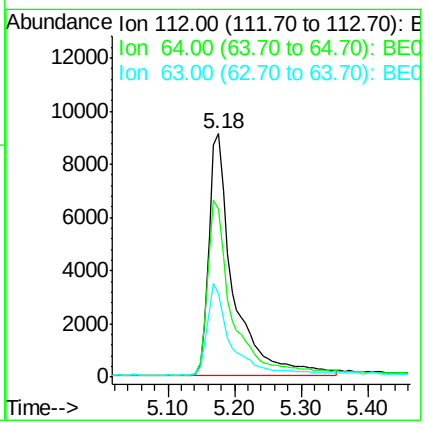


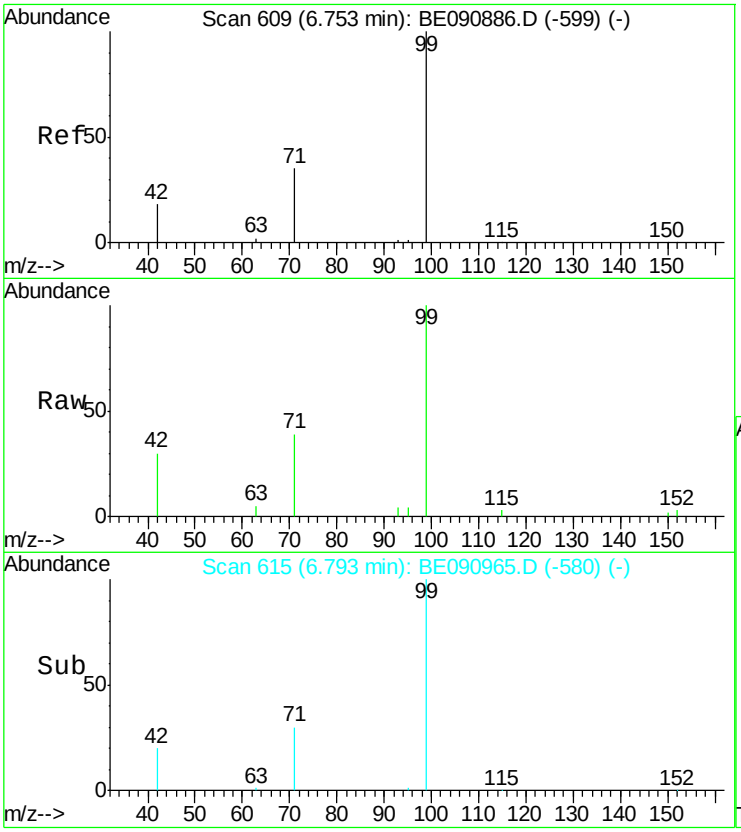




#4
2-Fluorophenol
Concen: 2.35 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:112 Resp: 23090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.7 | 57.3 | 85.9 |
| 63 | 36.9 | 29.2 | 43.8 |



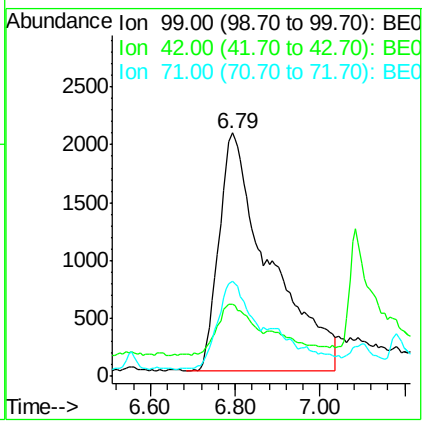


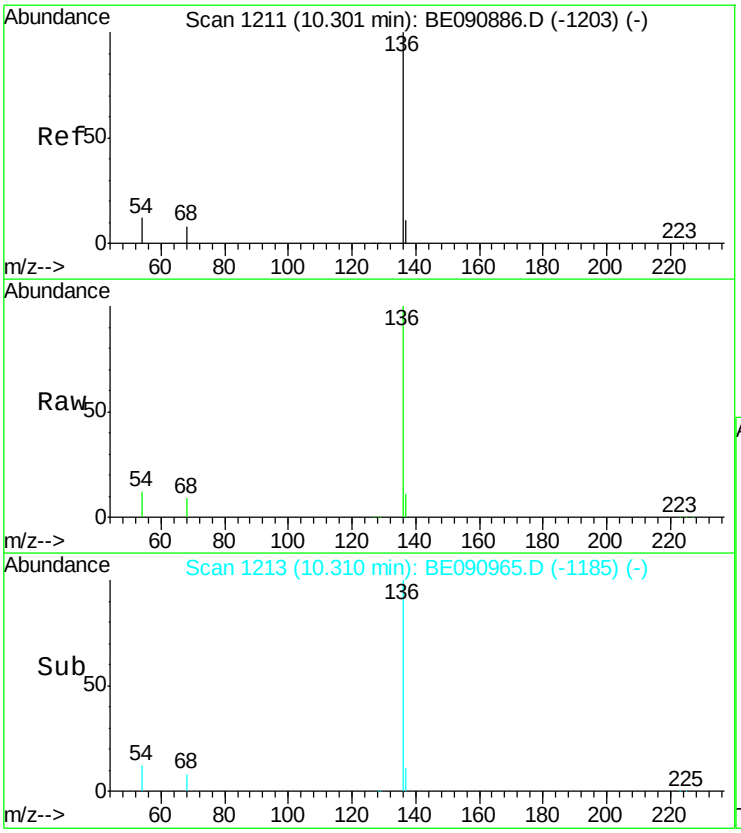

#5
Phenol-d6
Concen: 1.26 ng m
RT: 6.79 min Scan# 615
Delta R.T. 0.04 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion: 99 Resp: 17046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 16.8 | 25.2# |
| 71 | 23.4 | 28.3 | 42.5# |

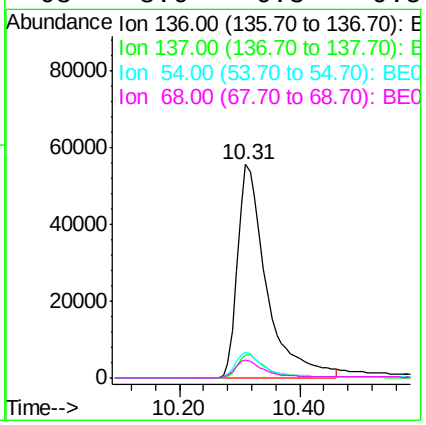


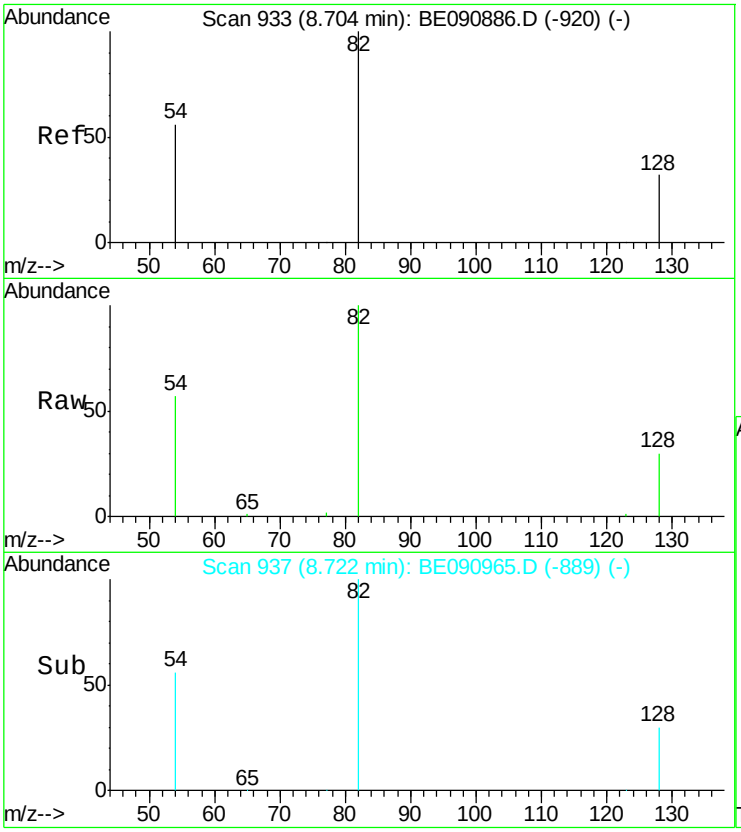




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:136 Resp: 187306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 12.0 | 9.0 | 13.6 |
| 68 | 8.6 | 6.3 | 9.5 |



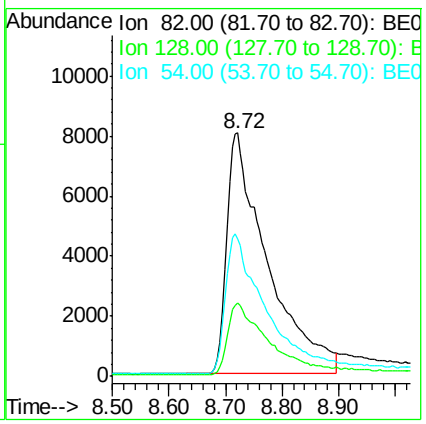


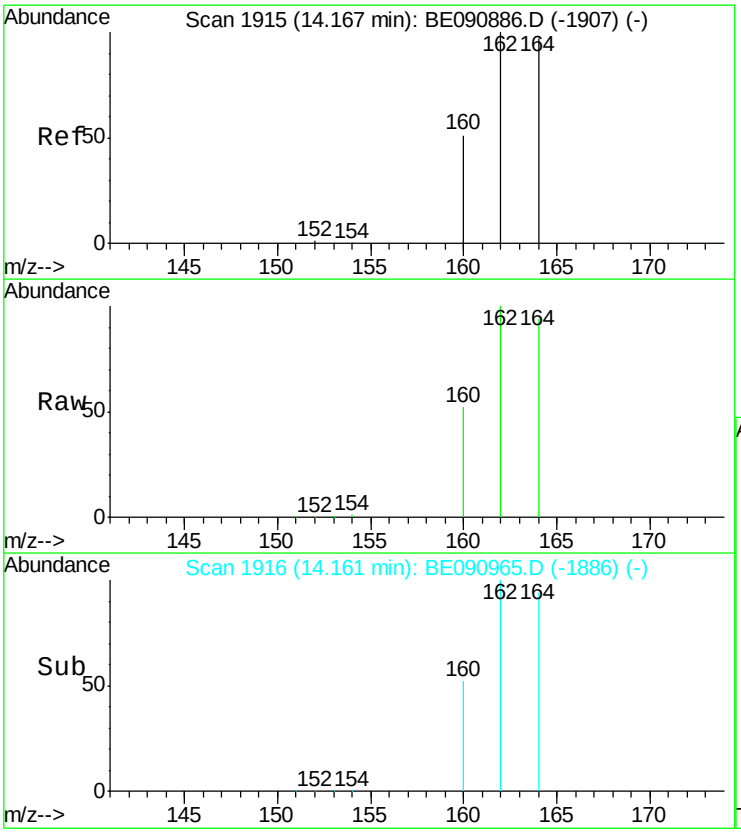

#8
Nitrobenzene-d5
Concen: 3.06 ng
RT: 8.72 min Scan# 937
Delta R.T. 0.02 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion: 82 Resp: 39538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 30.1 | 25.0 | 37.4 |
| 54 | 56.6 | 46.3 | 69.5 |

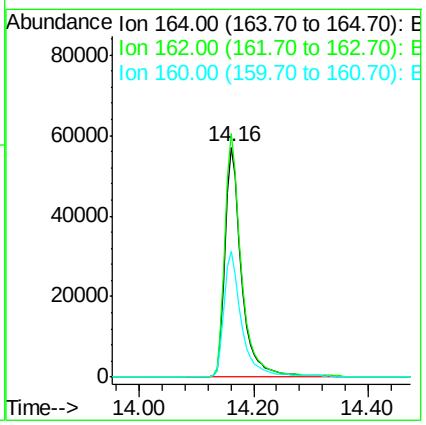


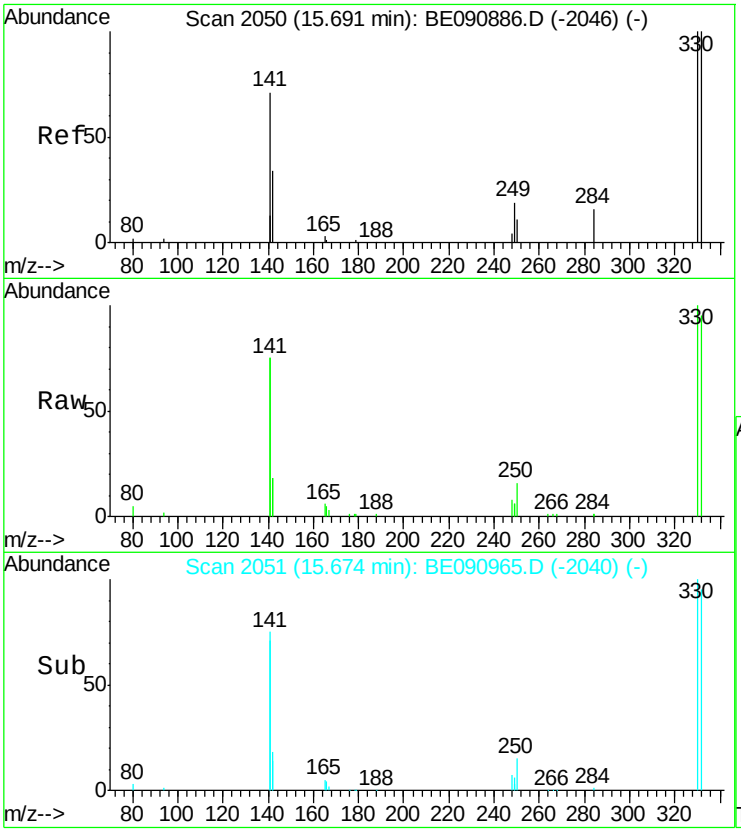




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:164 Resp: 112565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.0 | 86.8 | 130.2 |
| 160 | 54.6 | 53.9 | 80.9 |



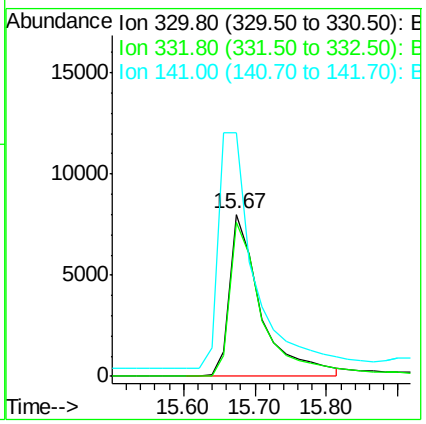


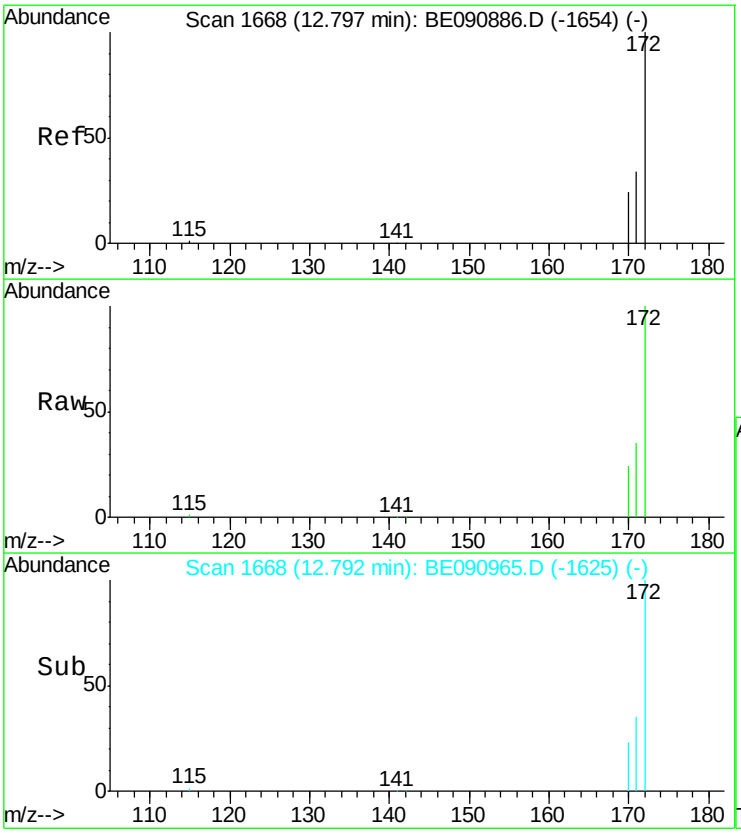

#14
2,4,6-Tribromophenol
Concen: 6.00 ng
RT: 15.67 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion:330 Resp: 23846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 74.9 | 112.3 |
| 141 | 172.2 | 145.2 | 217.8 |

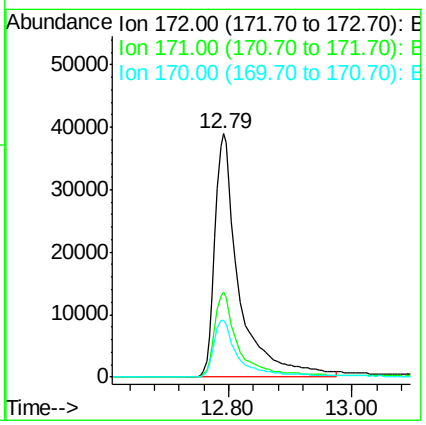


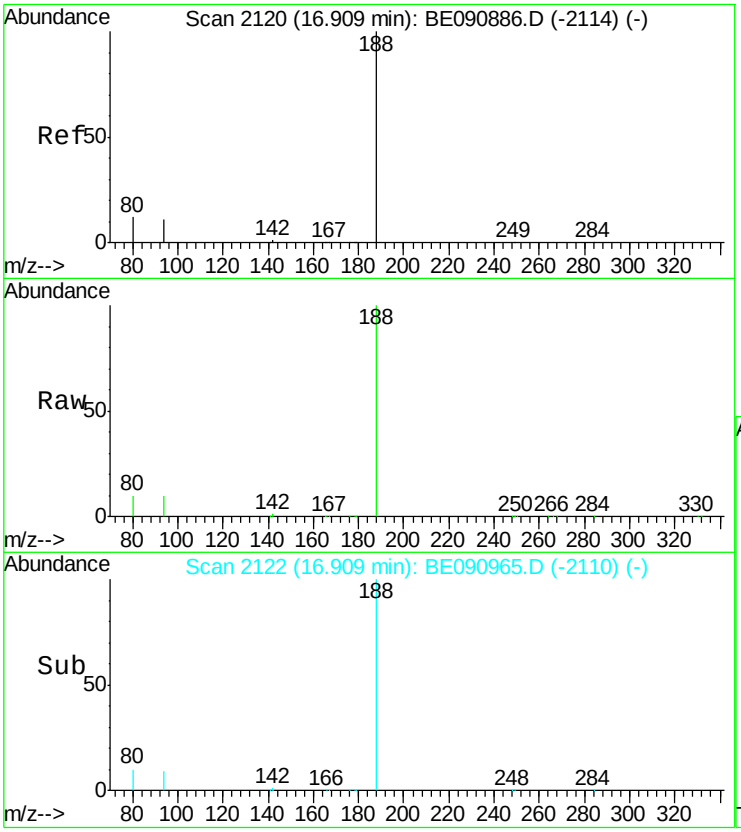




#15
2-Fluorobiphenyl
Concen: 3.32 ng
RT: 12.79 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:172 Resp: 106050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 27.8 | 41.8 |
| 170 | 23.6 | 19.8 | 29.6 |



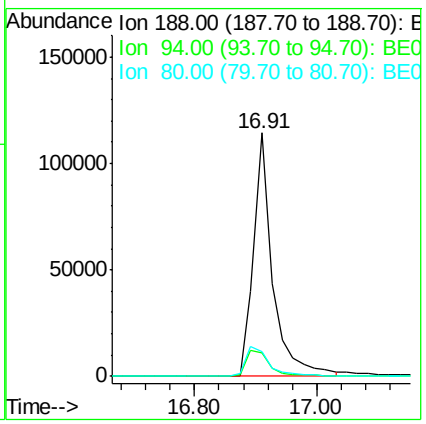


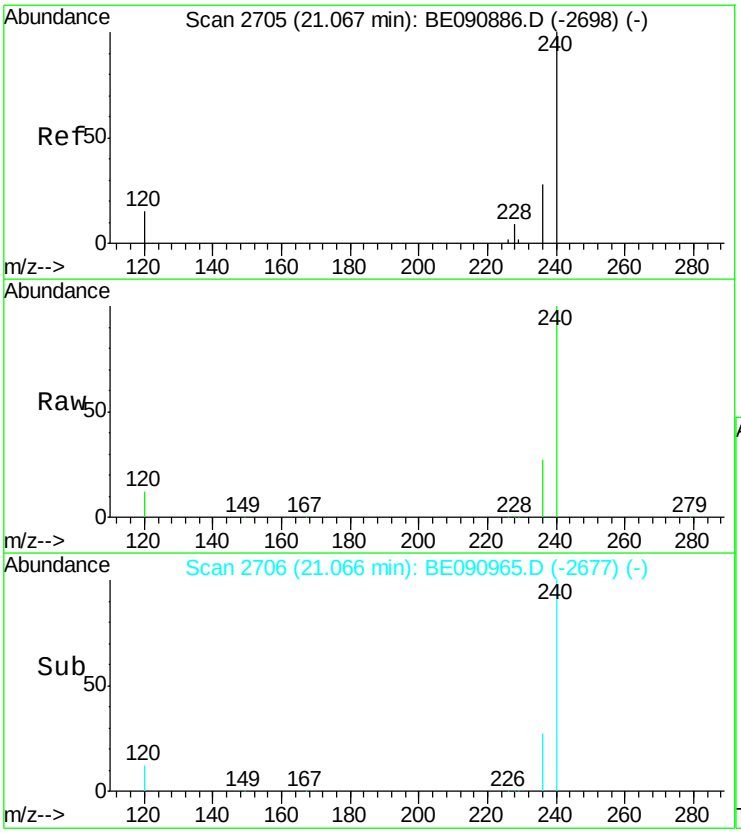

#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion:188 Resp: 248155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 10.3 | 15.5# |
| 80 | 10.3 | 11.0 | 16.6# |

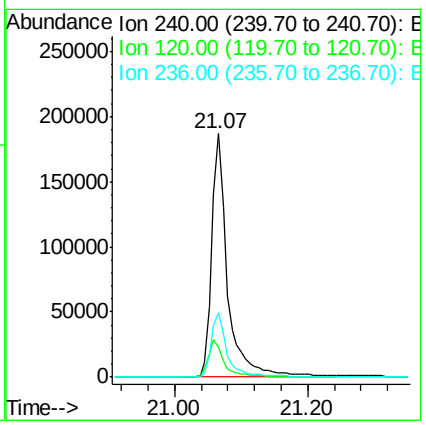


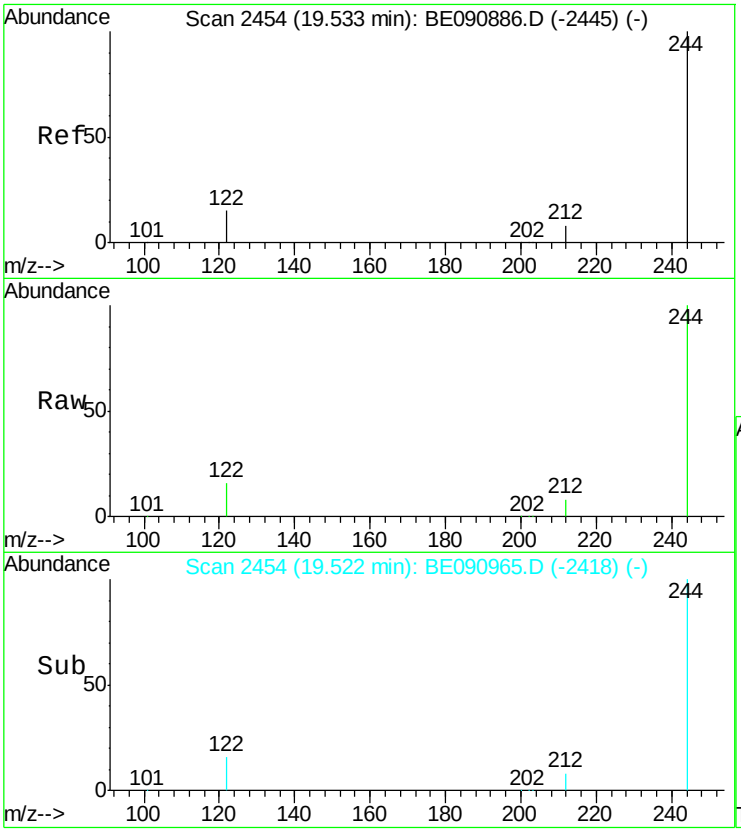




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:240 Resp: 304027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.3 | 10.1 | 15.1 |
| 236 | 26.6 | 21.9 | 32.9 |



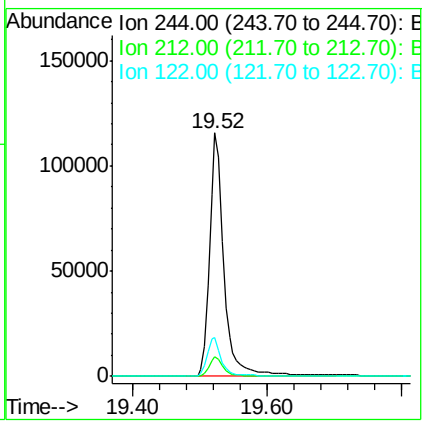


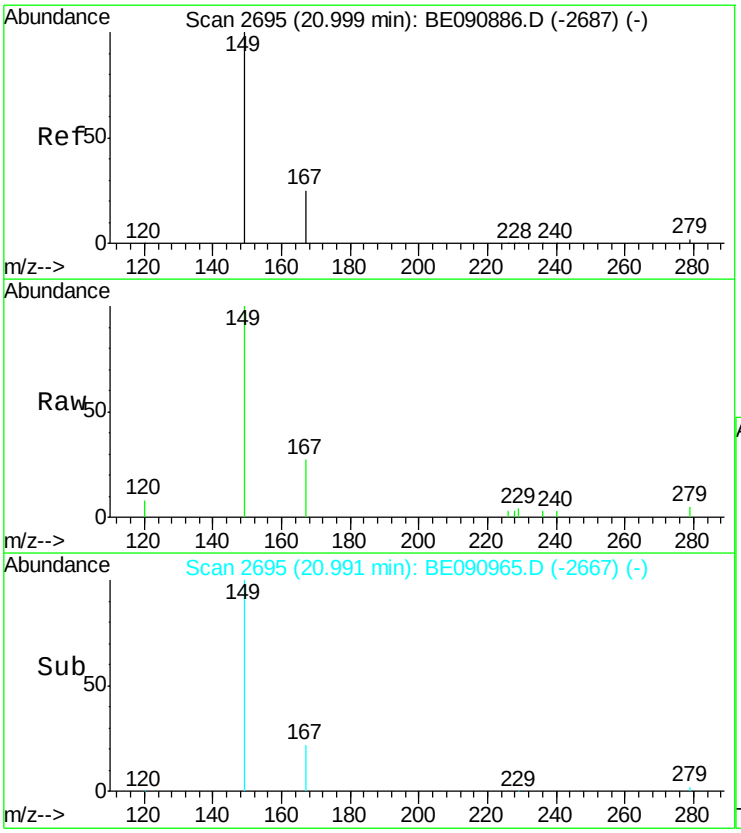

#28
Terphenyl-d14
Concen: 5.05 ng
RT: 19.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion:244 Resp: 173639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.9 | 10.3 |
| 122 | 15.7 | 12.9 | 19.3 |

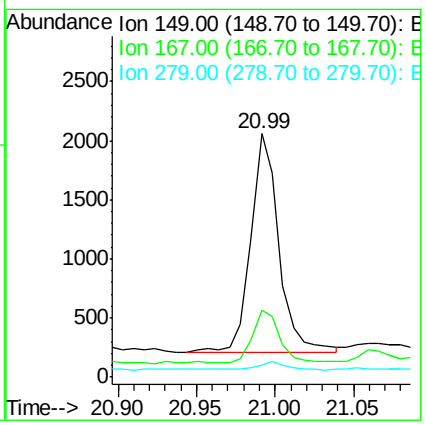


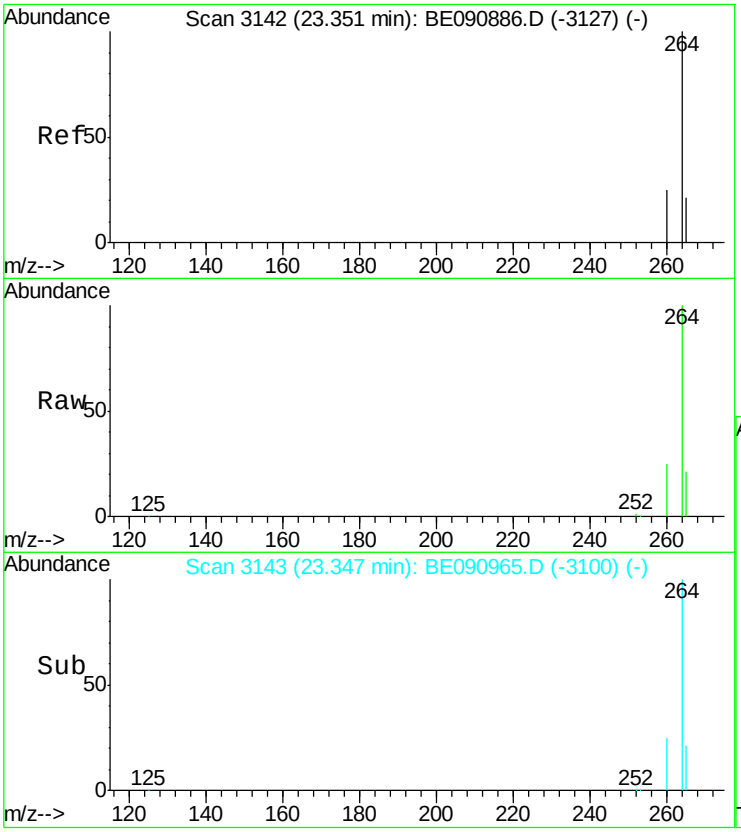




#31
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 20.99 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

Tgt Ion:149 Resp: 2297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 23.8 | 20.1 | 30.1 |
| 279 | 3.5 | 2.3 | 3.5# |






#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BE090965.D
Acq: 24 Sep 2015 4:39

**Instrument :**
BNA_E
**ClientSampleId :**
CPS073031RE

Tgt Ion:264 Resp: 268618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 19.7 | 29.5 |
| 265 | 21.4 | 17.5 | 26.3 |