Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098912.D
Acq On : 13 Mar 2019 15:19
Operator : JU/SJ
Sample : PB117852BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB117852BL

Quant Time: Mar 14 07:06:56 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 | 7.80 | 152 | 529 | 0.40 | ng | 0.01 |
| 7) Naphthalene-d8 | 10.63 | 136 | 2225 | 0.40 | ng | 0.04 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 1782 | 0.40 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 4434 | 0.40 | ng | 0.01 |
| 27) Chrysene-d12 | 21.41 | 240 | 5026 | 0.40 | ng | 0.01 |
| 34) Perylene-d12 | 23.91 | 264 | 4895 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 389 | 0.25 | ng | 0.04 |
| 5) Phenol-d6 | 7.06 | 99 | 495 | 0.22 | ng | 0.07 |
| 8) Nitrobenzene-d5 | 9.07 | 82 | 166 | 0.07 | ng | 0.10 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 1058 | 0.26 | ng | 0.04 |
| 14) 2,4,6-Tribromophenol | 16.01 | 330 | 173 | 0.19 | ng | 0.04 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 1997 | 0.27 | ng | 0.03 |
| 25) Fluoranthene-d10 | 19.25 | 212 | 18572 | 0.26 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.85 | 244 | 3596 | 0.29 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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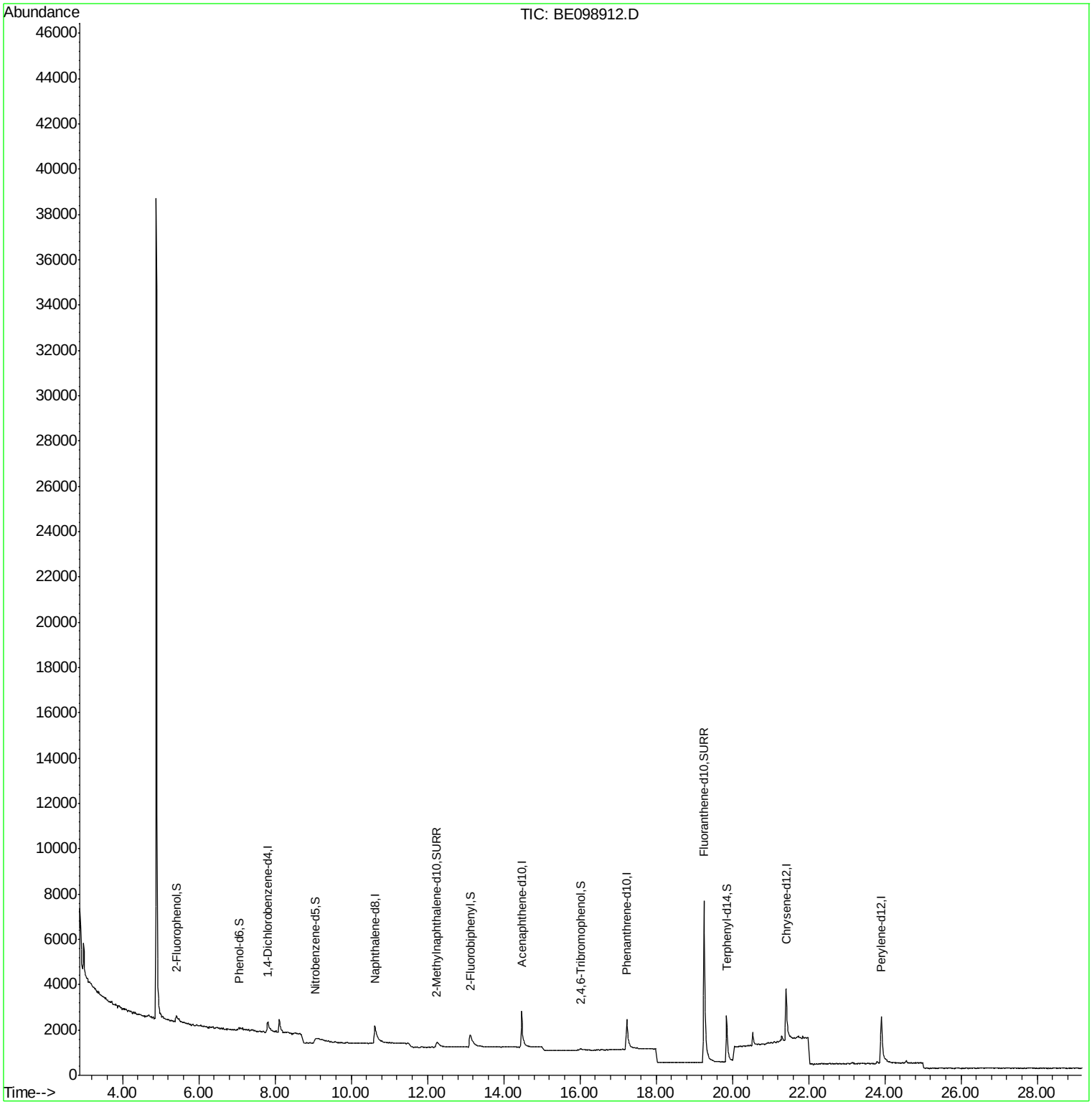
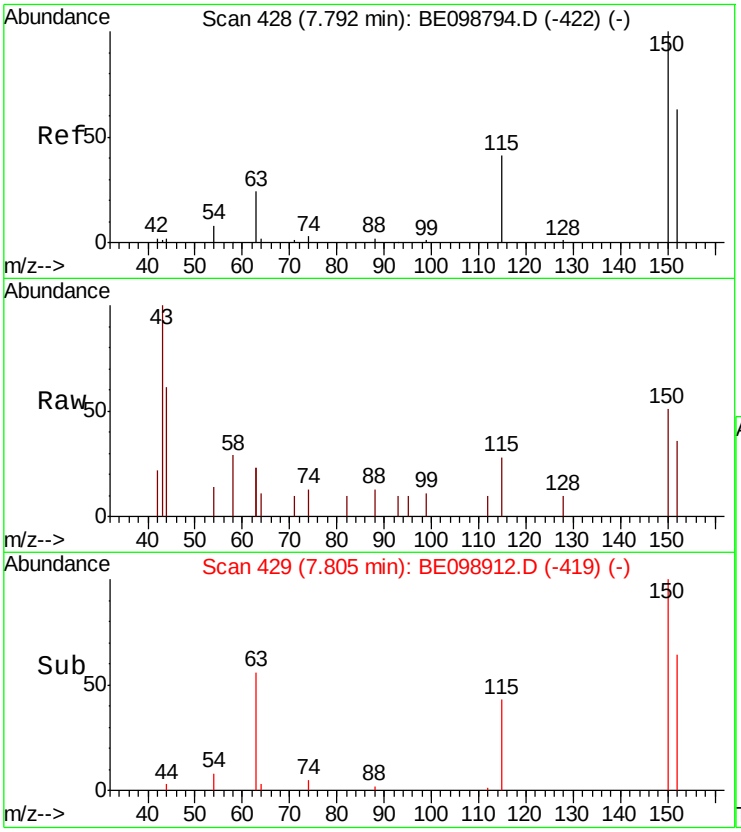
Acq On : 13 Mar 2019 15:19
Operator : JU/SJ
Sample : PB117852BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Quant Time: Mar 14 07:06:56 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



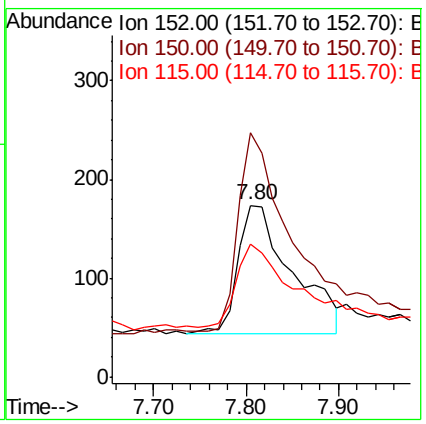


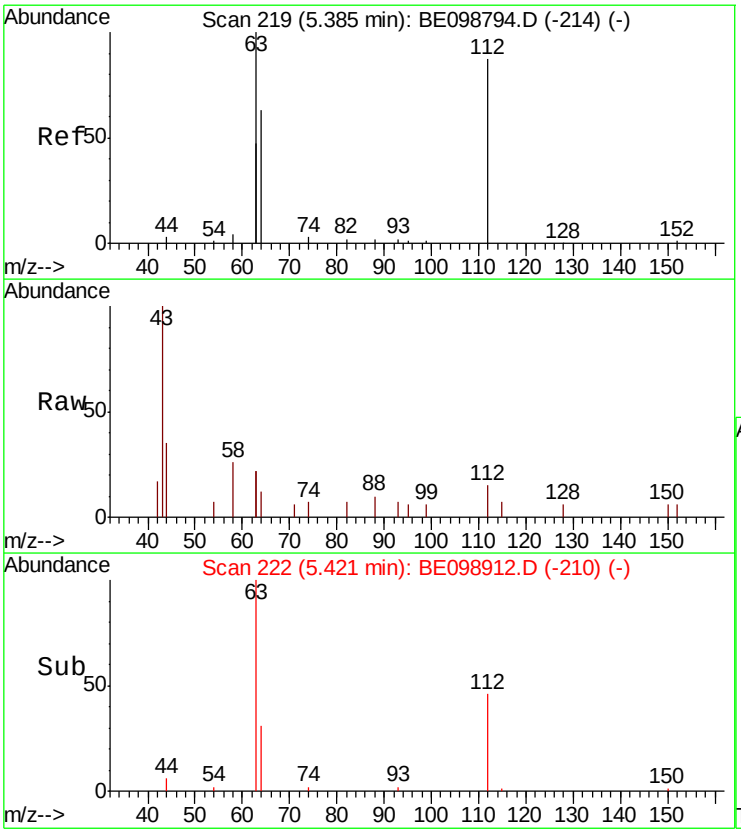

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion:152 Resp: 529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 142.0 | 122.5 | 183.7 |
| 115 | 77.6 | 57.4 | 86.2 |

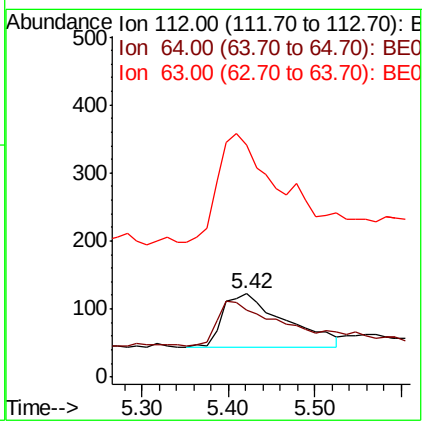


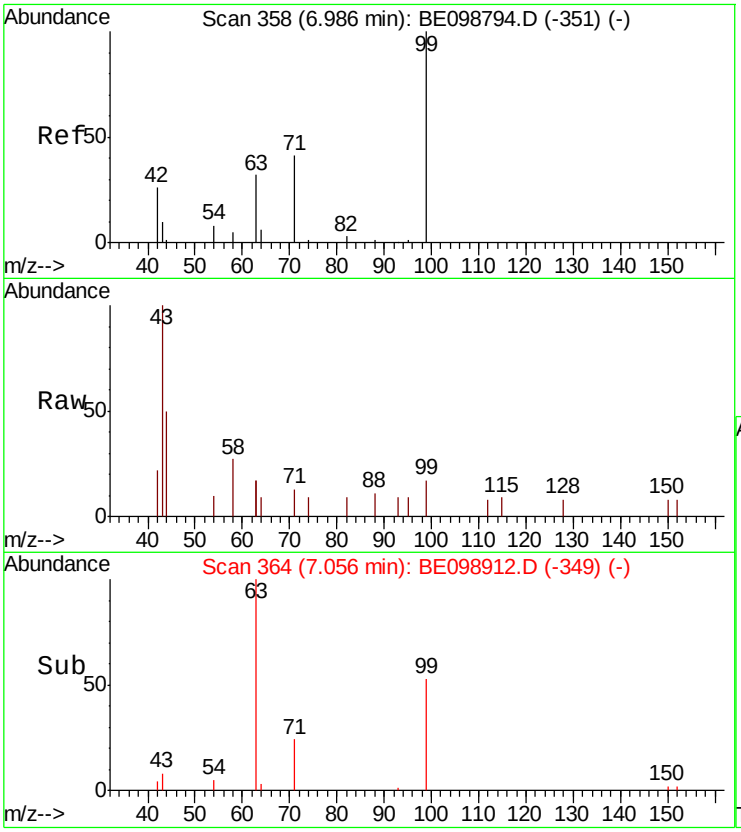




#4
2-Fluorophenol
Concen: 0.246 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:112 Resp: 389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 0.0 | 57.9 | 86.9# |
| 63 | 236.2 | 158.3 | 237.5 |



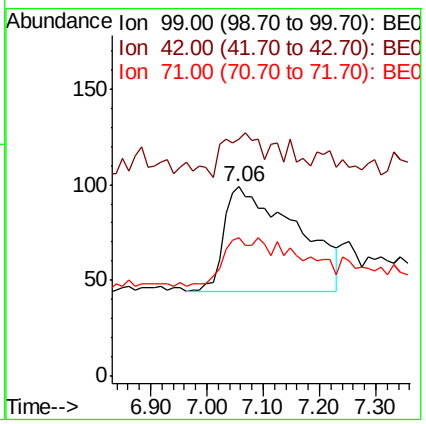


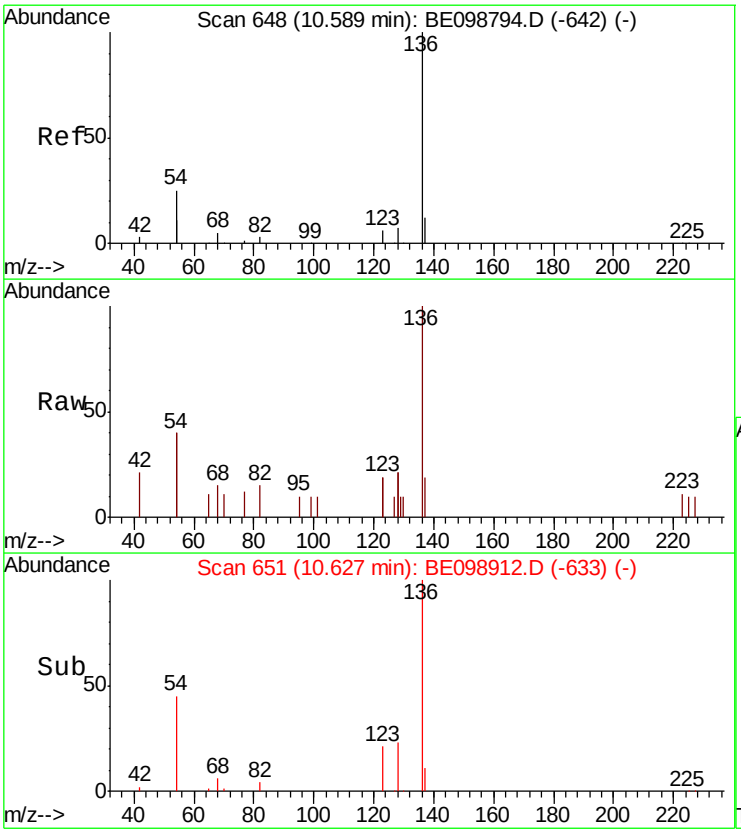

#5
Phenol-d6
Concen: 0.222 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.07 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion: 99 Resp: 495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.1 | 24.2 | 36.2# |
| 71 | 13.5 | 35.7 | 53.5# |

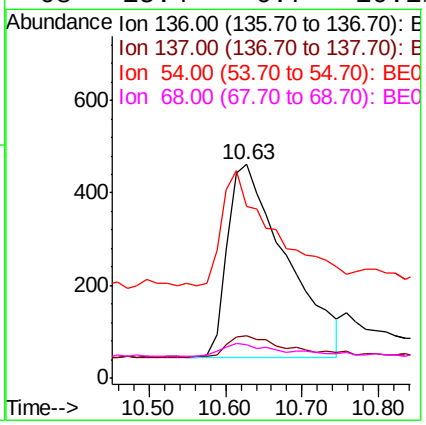


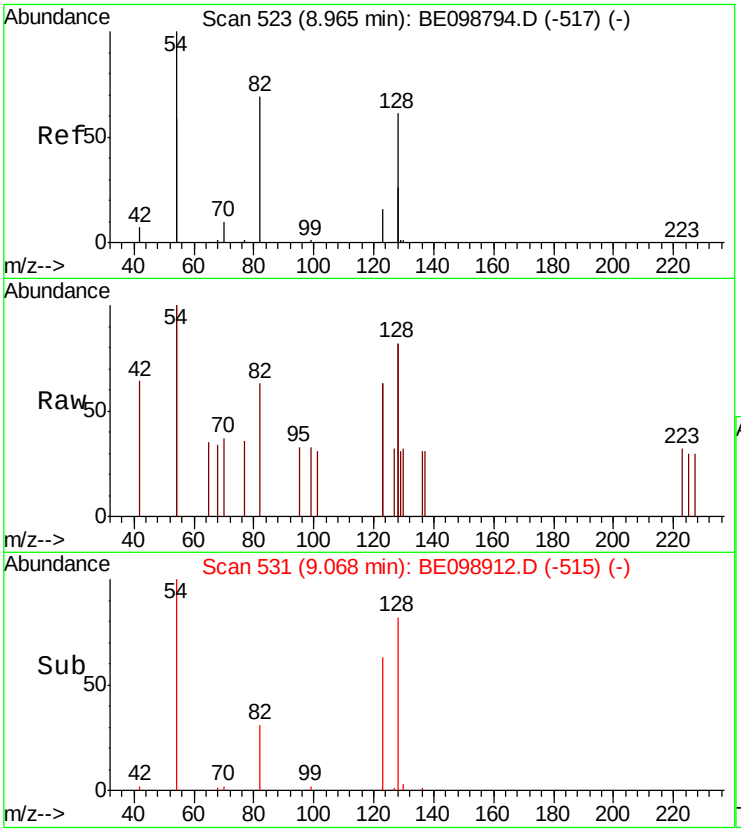




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:136 Resp: 2225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 19.5 | 11.4 | 17.0# |
| 54 | 80.5 | 39.3 | 58.9# |
| 68 | 15.4 | 6.7 | 10.1# |



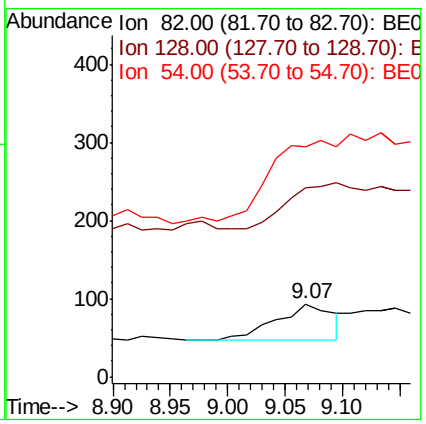


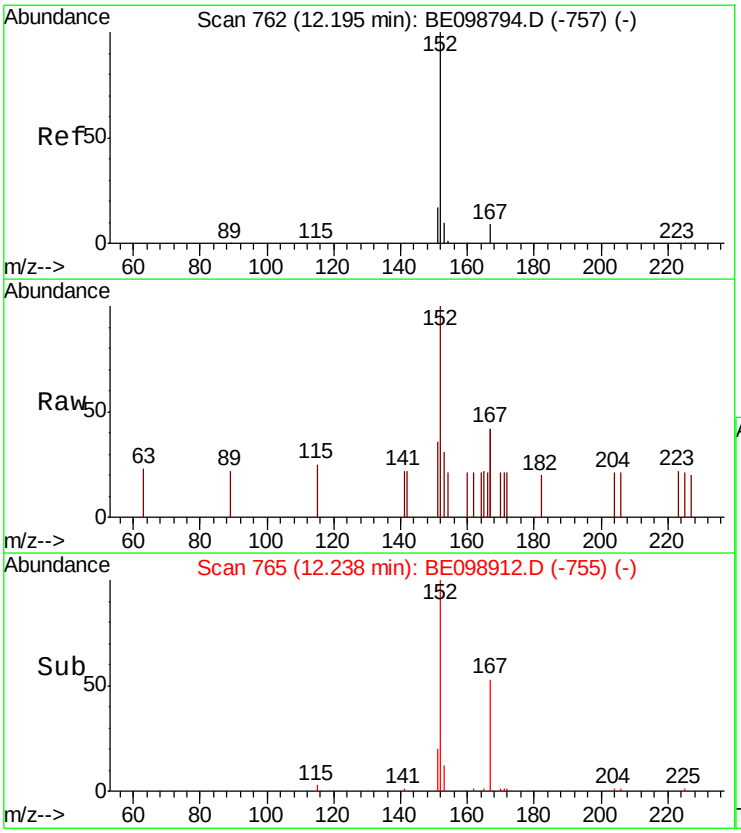

#8
Nitrobenzene-d5
Concen: 0.071 ng
RT: 9.07 min Scan# 531
Delta R.T. 0.10 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion: 82 Resp: 166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 260.2 | 123.8 | 185.8# |
| 54 | 316.1 | 203.4 | 305.2# |

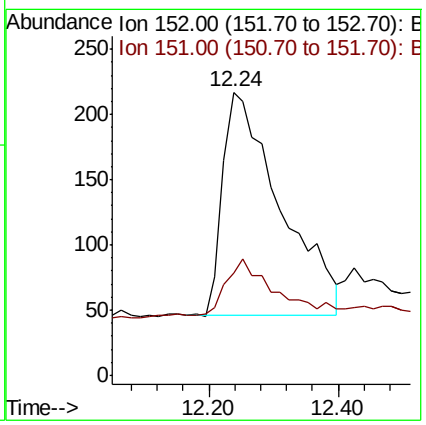


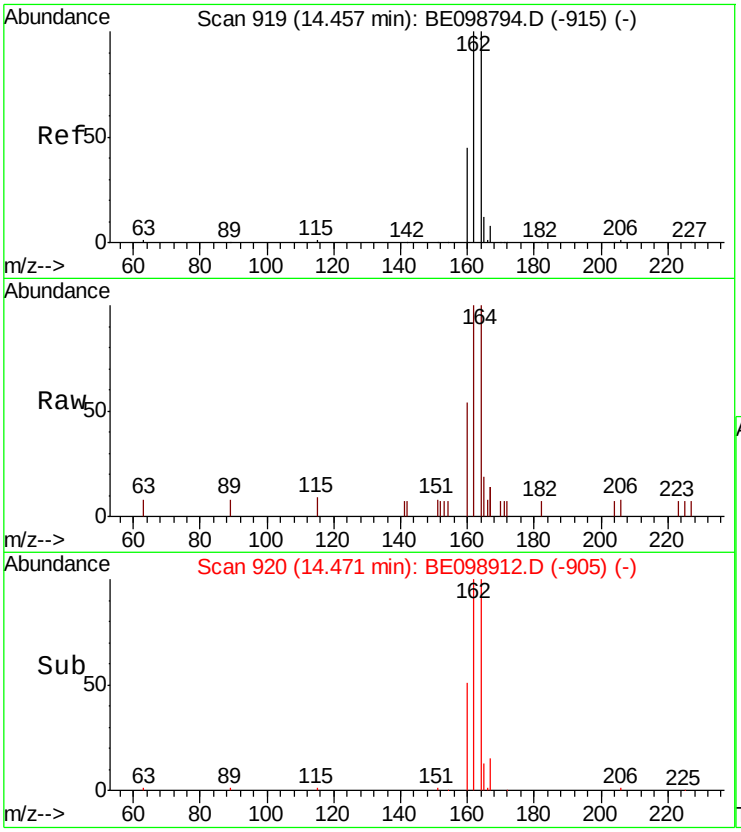




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:152 Resp: 1058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.4 | 16.5 | 24.7 |



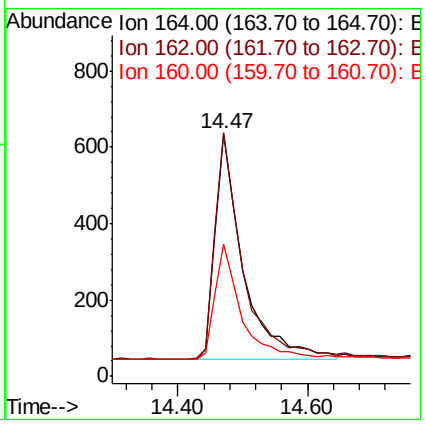


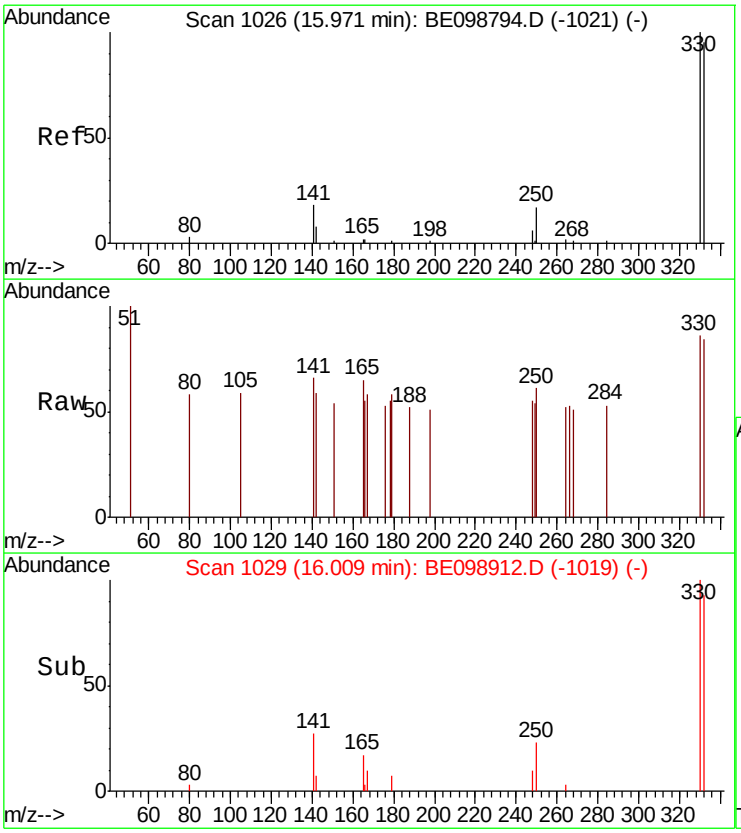

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion:164 Resp: 1782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 80.2 | 120.2 |
| 160 | 54.4 | 37.8 | 56.8 |

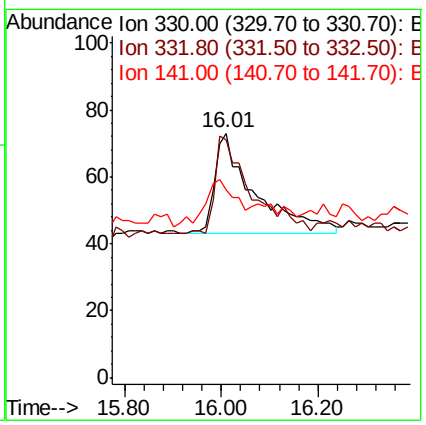


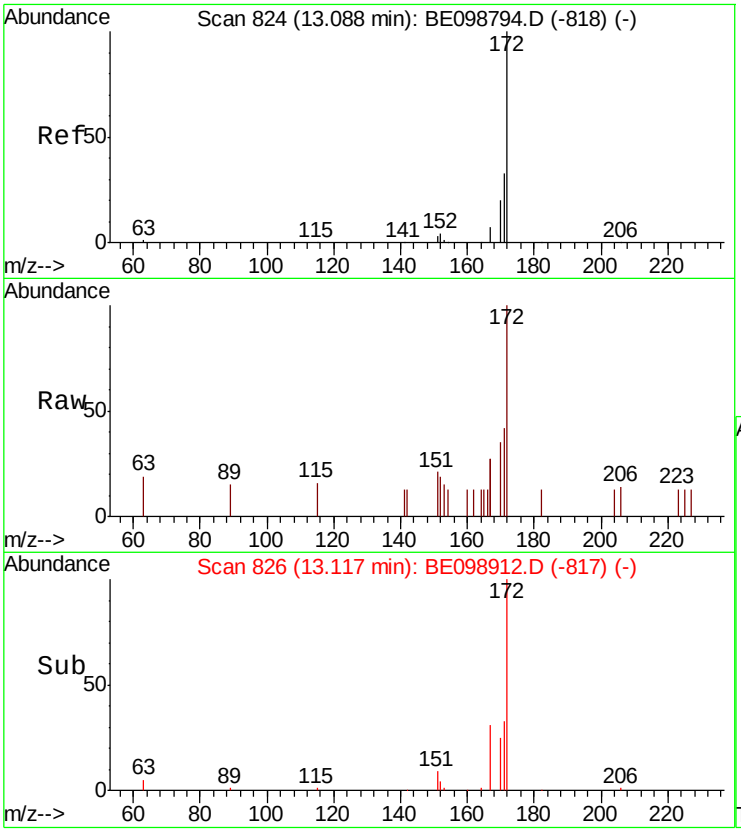




#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:330 Resp: 173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 87.9 | 77.6 | 116.4 |
| 141 | 32.9 | 31.0 | 46.4 |



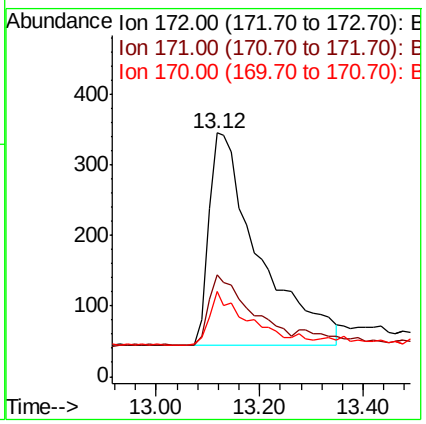


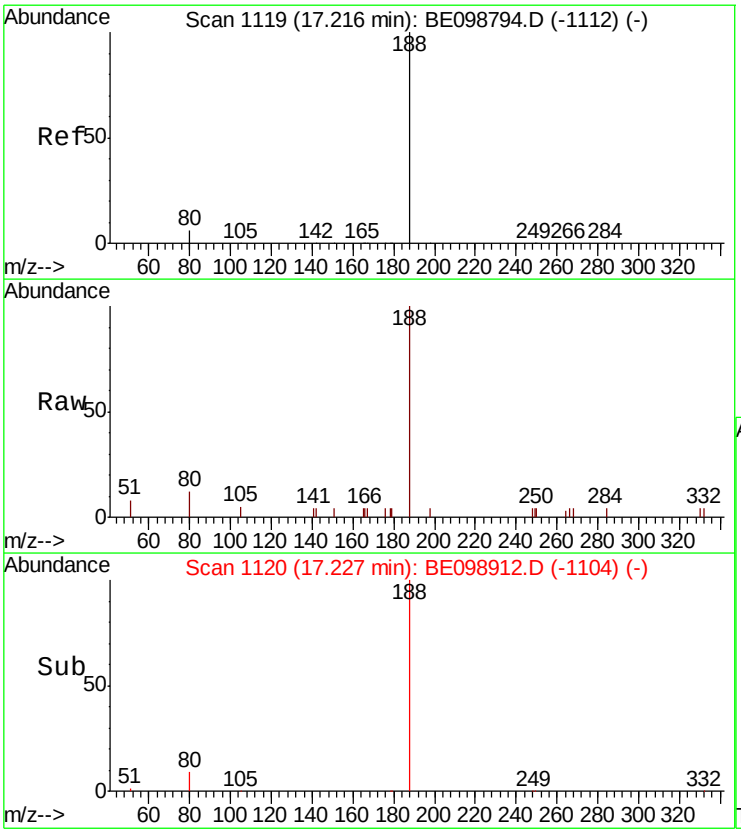

#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion:172 Resp: 1997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.7 | 28.0 | 42.0 |
| 170 | 34.8 | 17.7 | 26.5# |

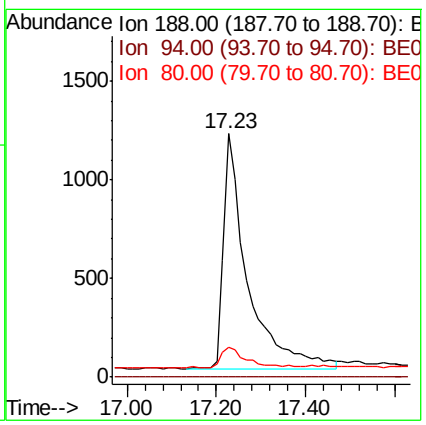


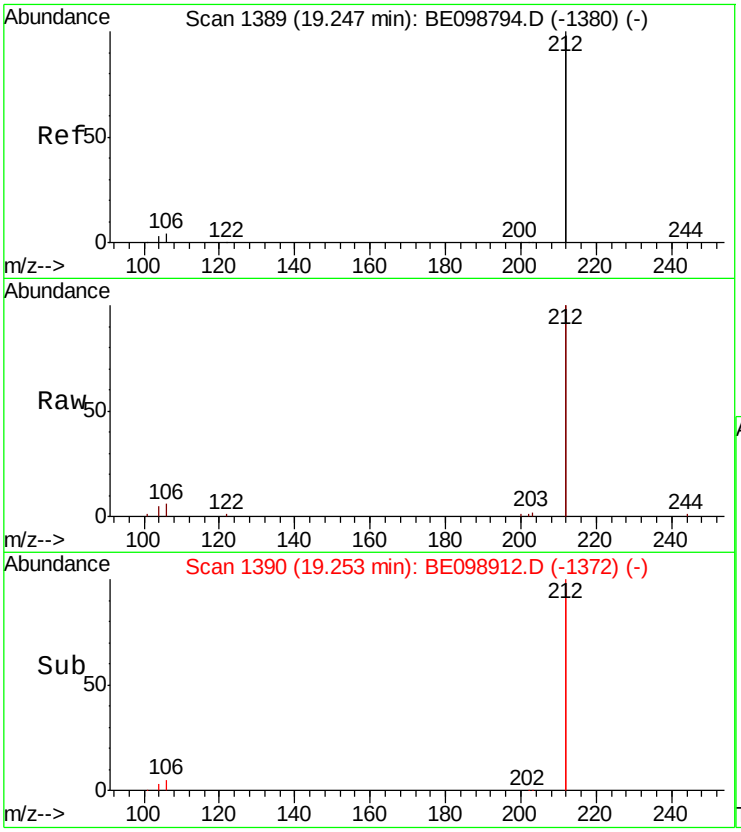




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:188 Resp: 4434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.2 | 6.3 | 9.5# |



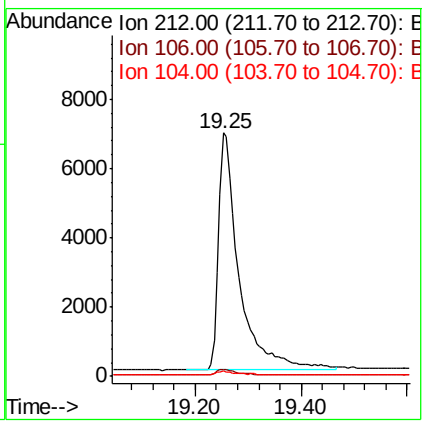


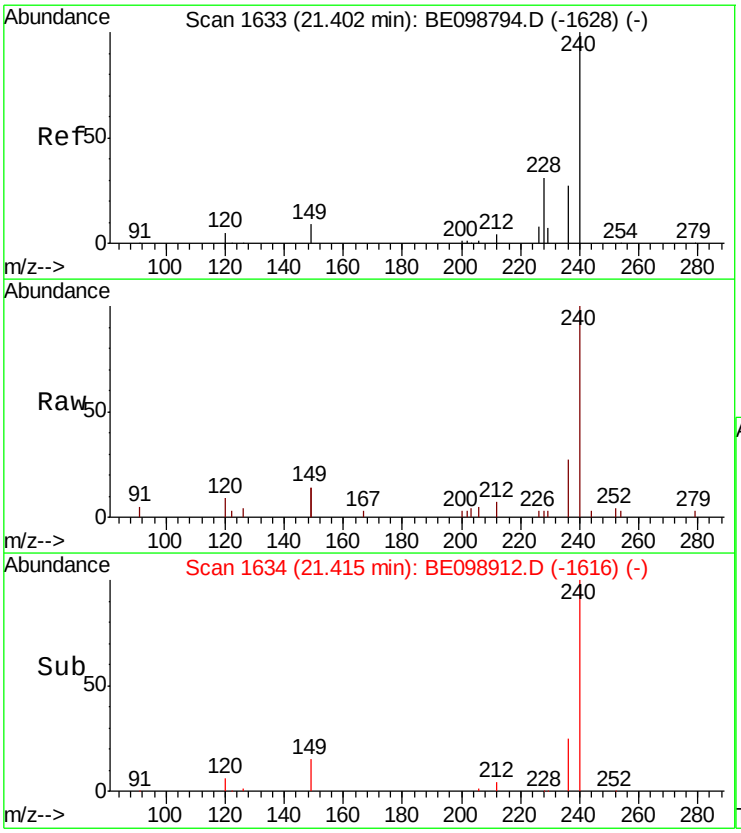

#25
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion:212 Resp: 18572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.3 | 1.8 | 2.8 |
| 104 | 1.3 | 1.0 | 1.6 |

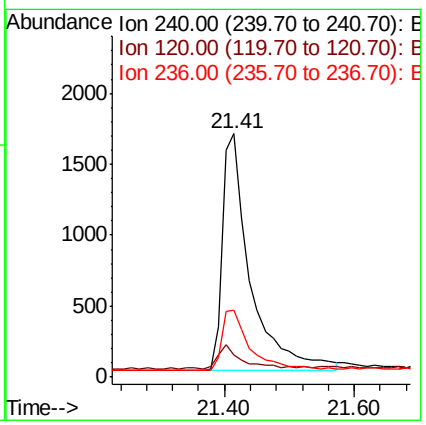


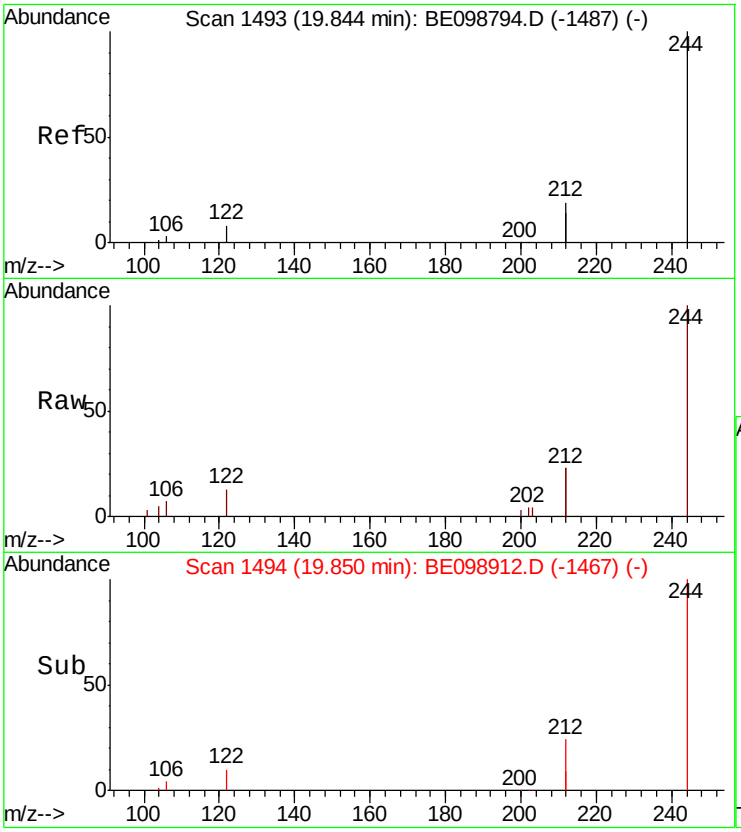




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:240 Resp: 5026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.3 | 5.0 | 7.4# |
| 236 | 27.3 | 22.7 | 34.1 |



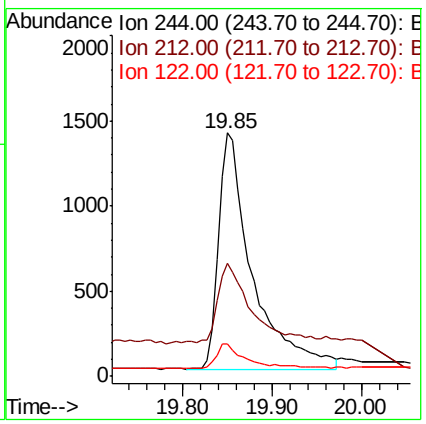


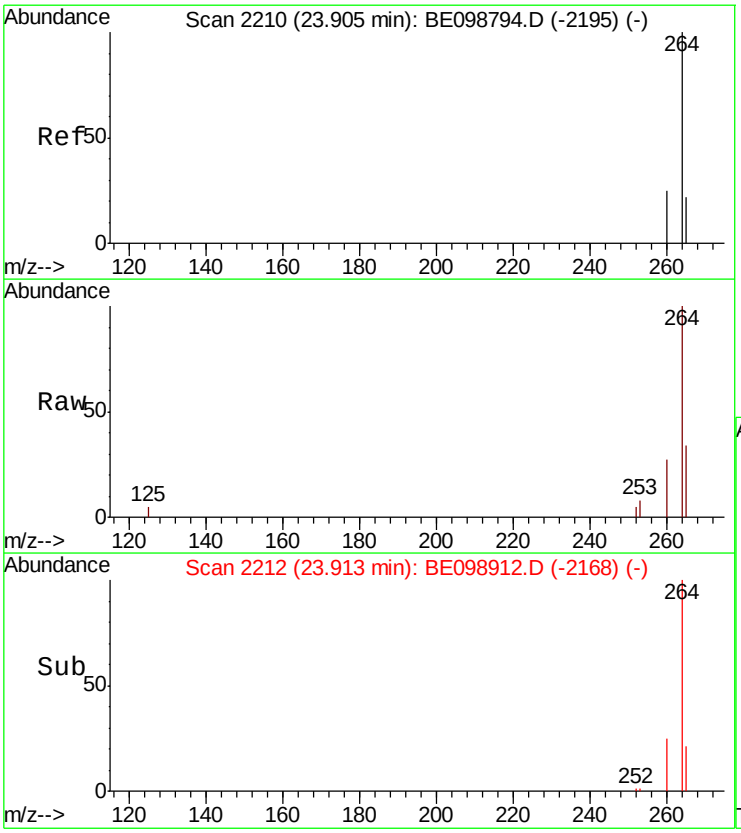

#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

**Instrument :**
BNA_E
**ClientSampleId :**
PB117852BL

Tgt Ion:244 Resp: 3596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 46.4 | 29.4 | 44.2# |
| 122 | 13.1 | 7.1 | 10.7# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:264 Resp: 4895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.3 | 21.2 | 31.8 |
| 265 | 33.5 | 24.6 | 36.8 |