Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099967.D
Acq On : 12 Jun 2019 21:39
Operator : JU/SJ
Sample : K3280-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** BP-FW-MW01-20190608

Quant Time: Jun 13 04:11:17 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 | 1116 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.59 | 136 | 3920 | 0.40 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 2926 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 8502 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.39 | 240 | 11890 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.92 | 264 | 13681 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 440 | 0.15 | ng | | 0.00 |
| 5) Phenol-d6 | 6.95 | 99 | 352 | 0.09 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.97 | 82 | 1465 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.20 | 152 | 2362 | 0.35 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 746 | 0.34 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.09 | 172 | 4956 | 0.45 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 43576 | 0.35 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.84 | 244 | 12427 | 0.58 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 35 | 0.021 | ng | # | 1 |
| 9) Naphthalene | 10.64 | 128 | 5165 | 0.122 | ng | # | 97 |
| 22) Pentachlorophenol | 16.87 | 266 | 21 | 0.309 | ng | | 84 |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 5588 | 0.110 | ng | # | 99 |

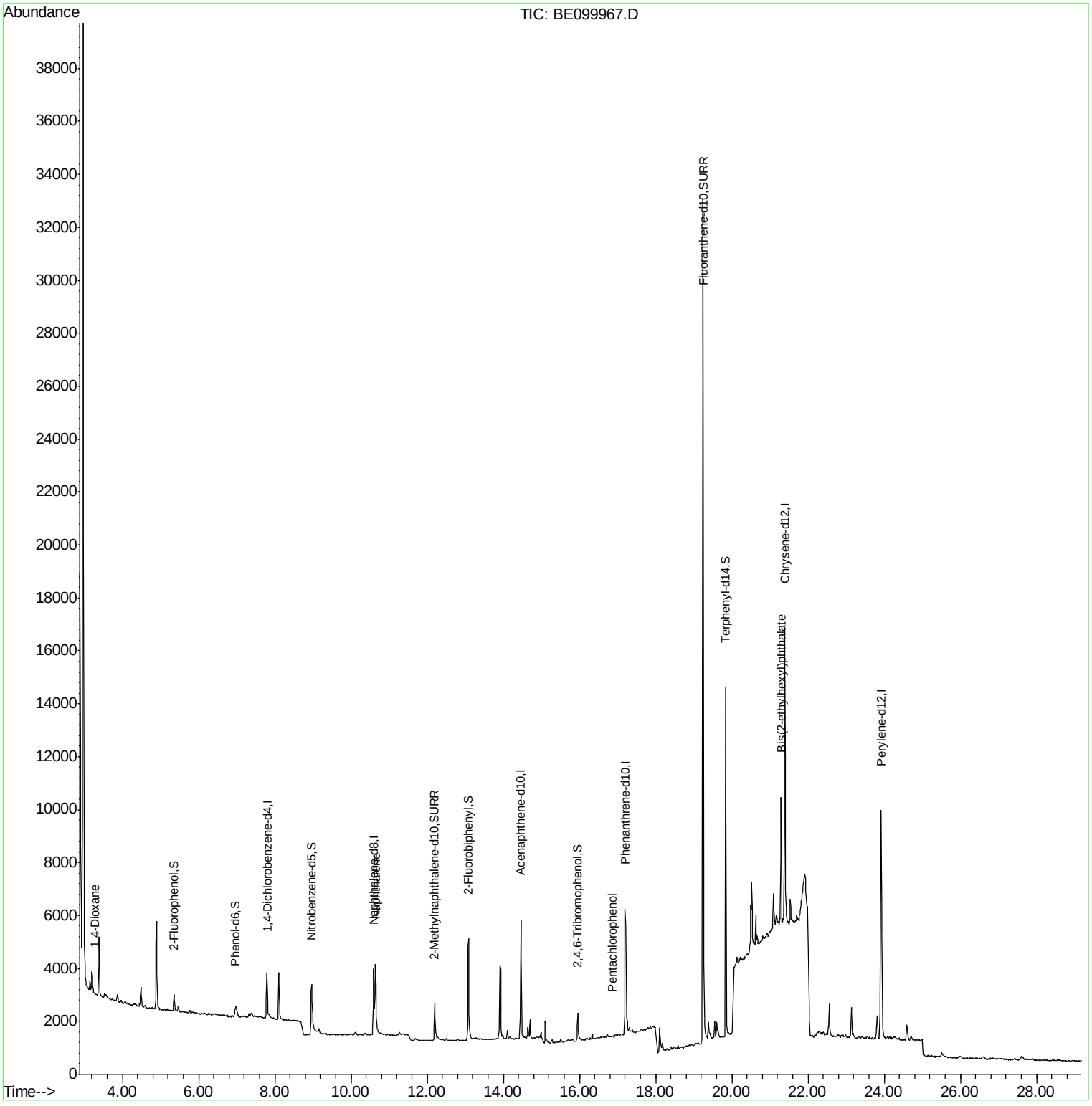
(#) = qualifier out of range (m) = manual integration (+) = signals summed

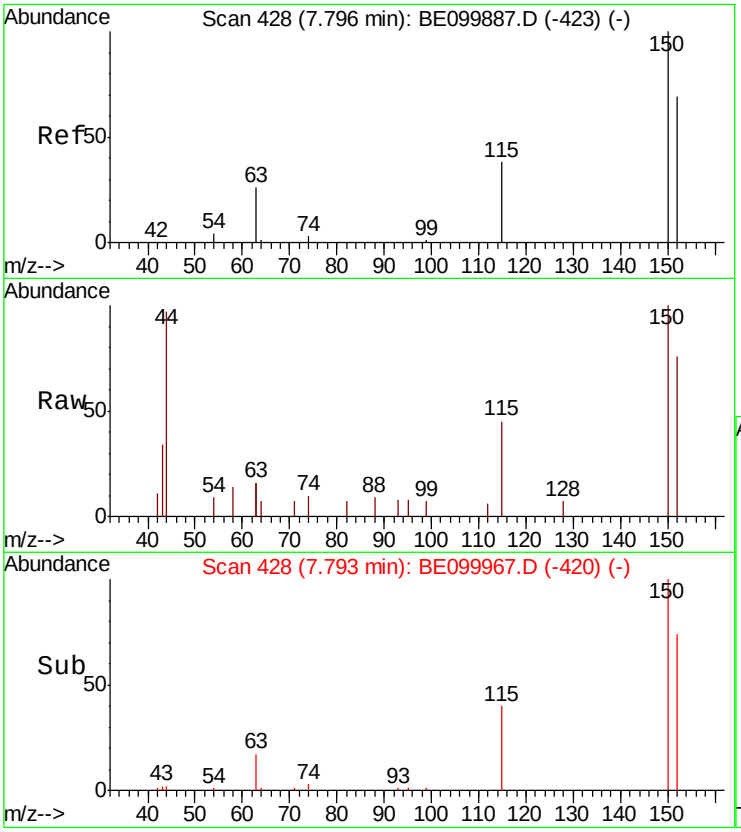
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099967.D
Acq On : 12 Jun 2019 21:39
Operator : JU/SJ
Sample : K3280-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Quant Time: Jun 13 04:11:17 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



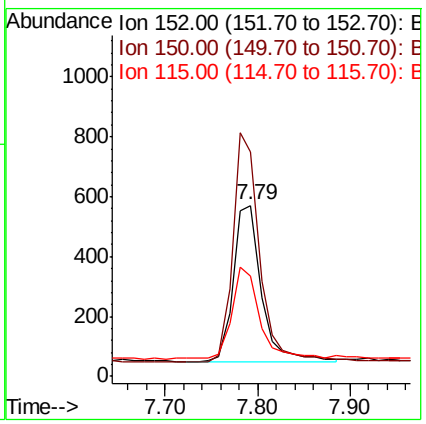


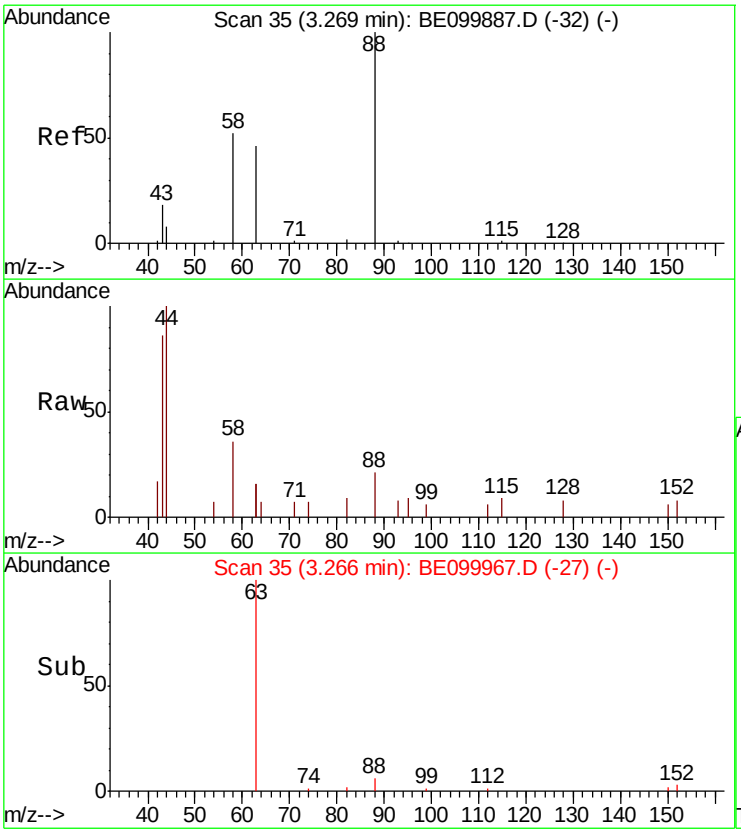

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:152 Resp: 1116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 131.6 | 111.0 | 166.6 |
| 115 | 59.1 | 50.7 | 76.1 |

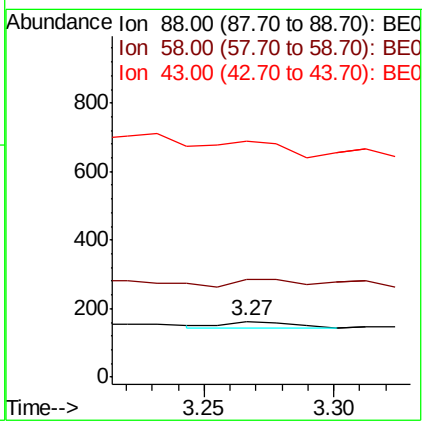


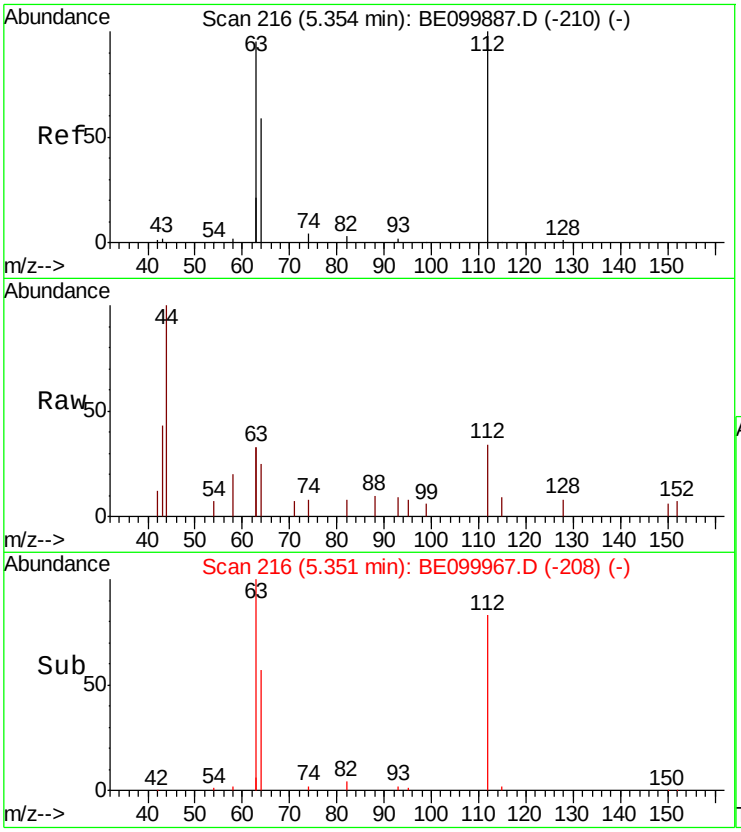




#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion: 88 Resp: 35

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 182.9 | 48.8 | 73.2# |
| 43 | 0.0 | 19.0 | 28.6# |



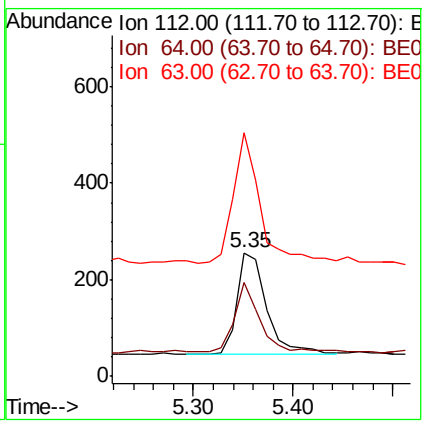


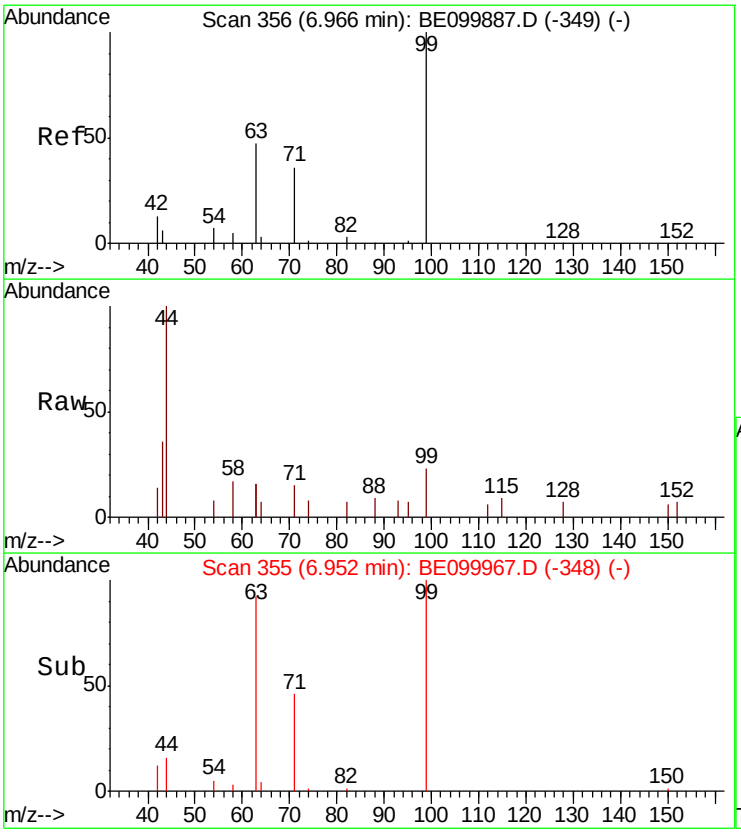

#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:112 Resp: 440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.6 | 44.1 | 66.1 |
| 63 | 148.2 | 87.8 | 131.6# |

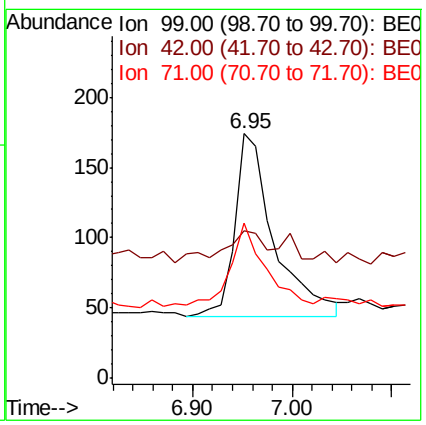


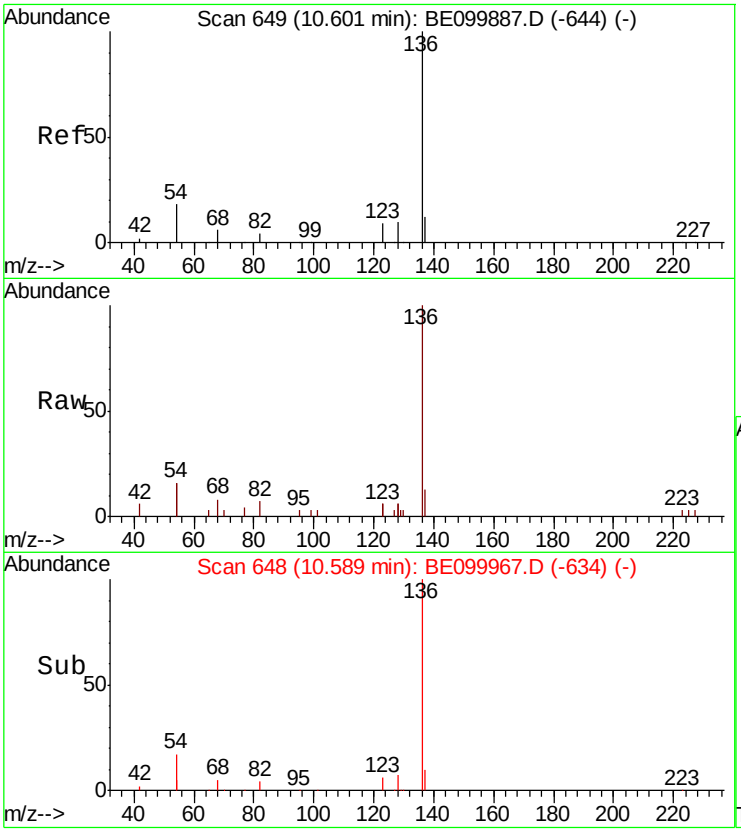




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion: 99 Resp: 352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.9 | 15.9 | 23.9 |
| 71 | 39.2 | 34.6 | 52.0 |



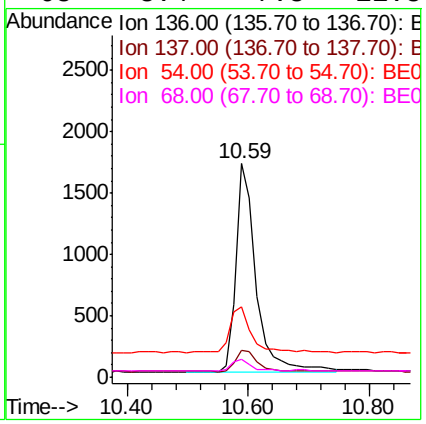


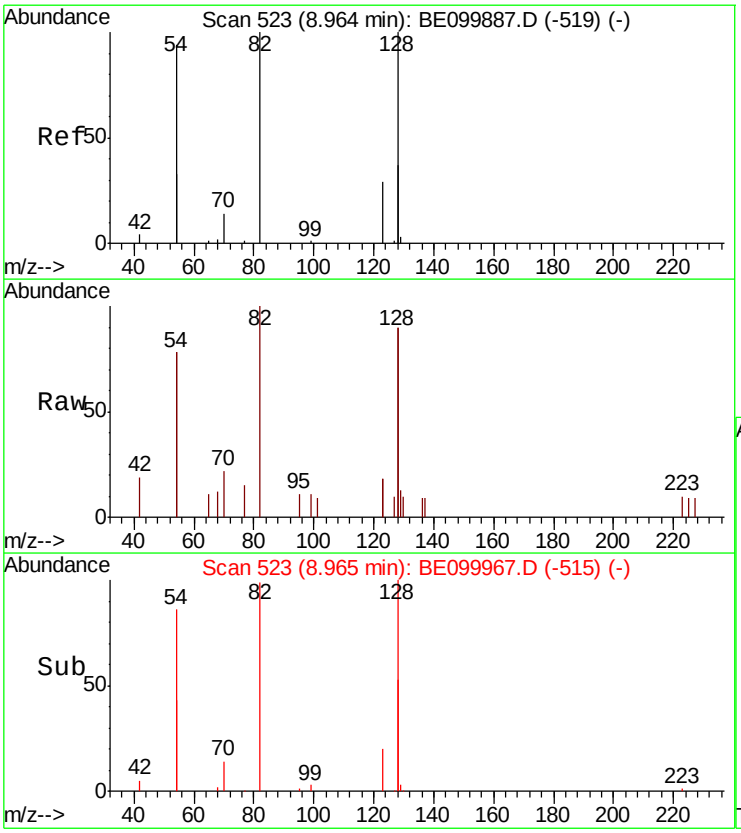

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:136 Resp: 3920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 12.3 | 18.5 |
| 54 | 33.0 | 28.2 | 42.4 |
| 68 | 8.4 | 7.8 | 11.8 |

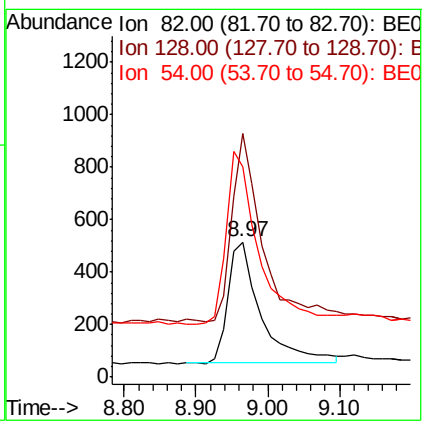


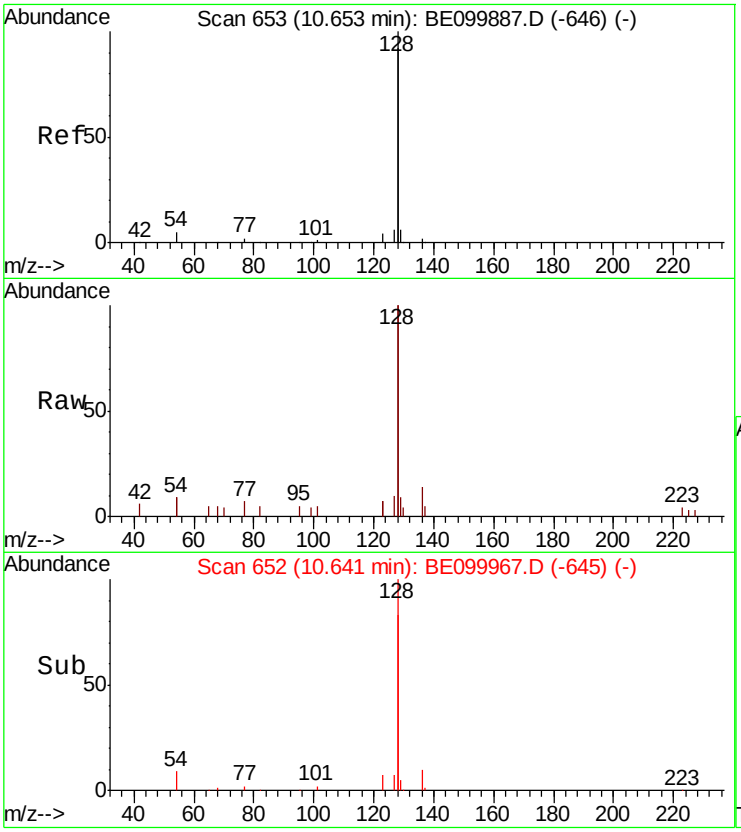




#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion: 82 Resp: 1465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 179.8 | 137.3 | 205.9 |
| 54 | 155.0 | 129.7 | 194.5 |



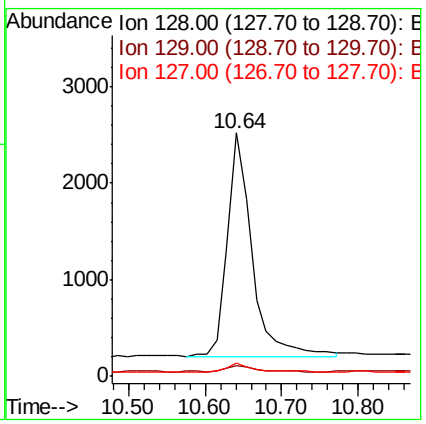


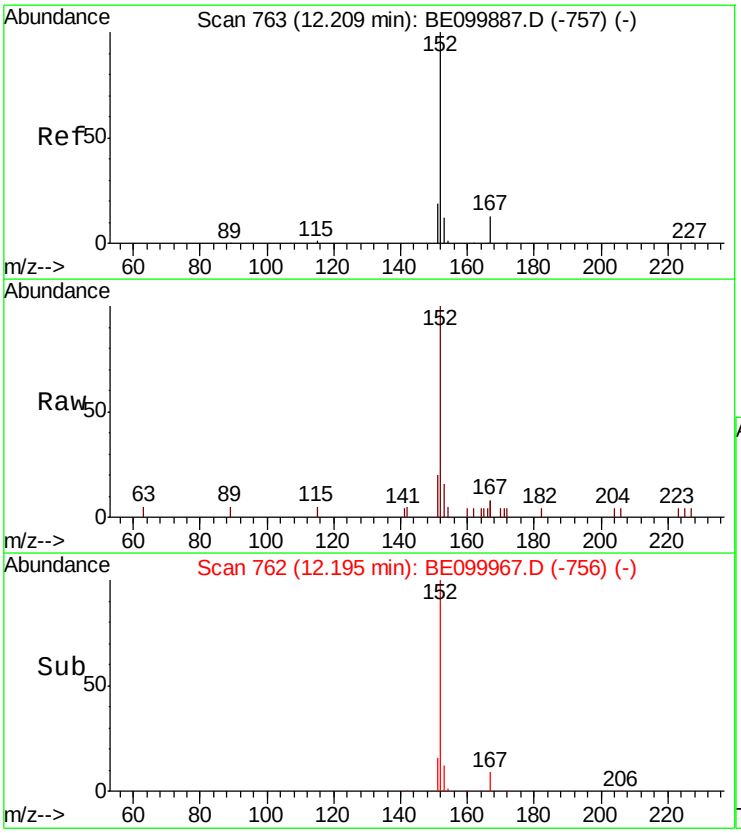

#9
Naphthalene
Concen: 0.122 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:128 Resp: 5165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.5 | 3.0 | 4.6 |
| 127 | 5.2 | 3.4 | 5.0# |

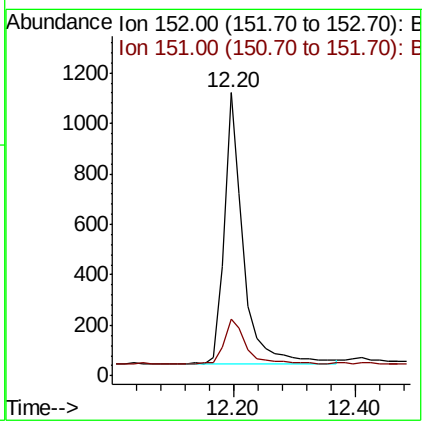


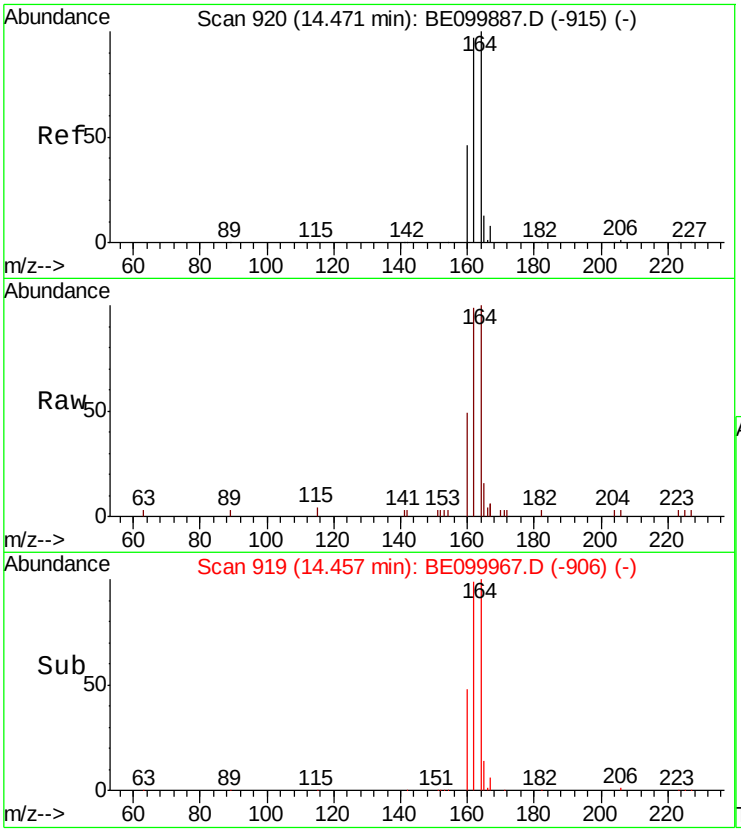




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:152 Resp: 2362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.2 | 22.8 |



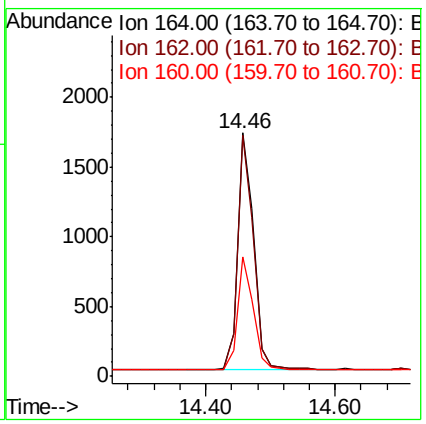


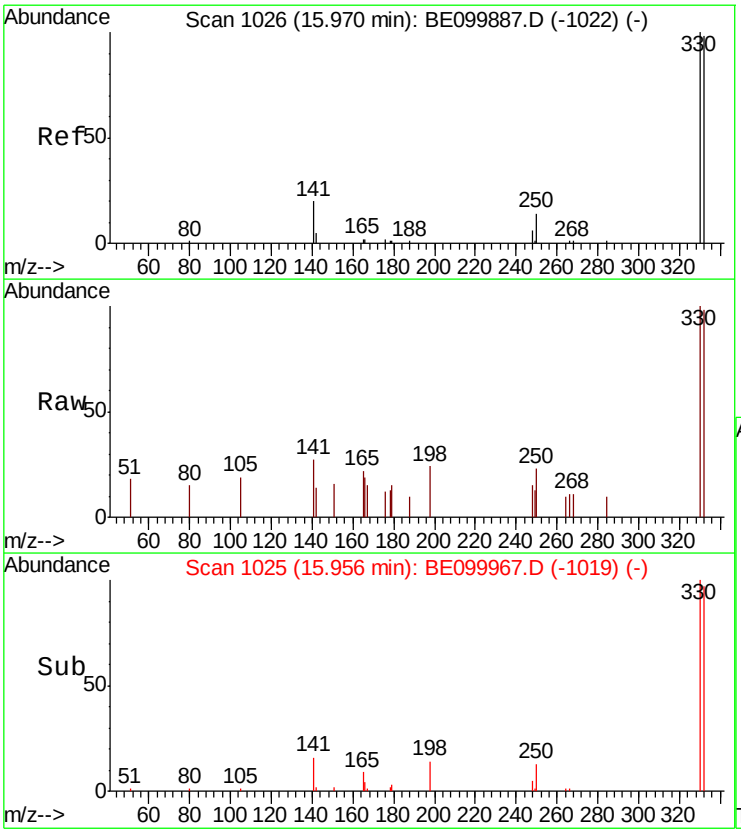

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:164 Resp: 2926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.1 | 77.8 | 116.8 |
| 160 | 49.0 | 38.2 | 57.4 |

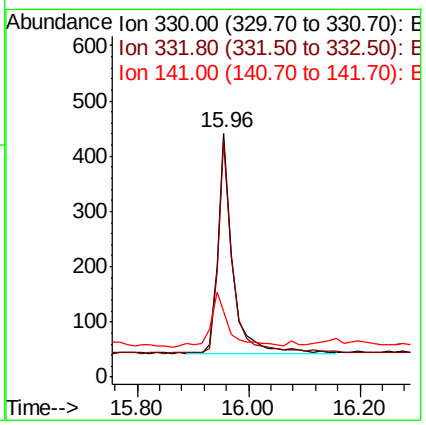


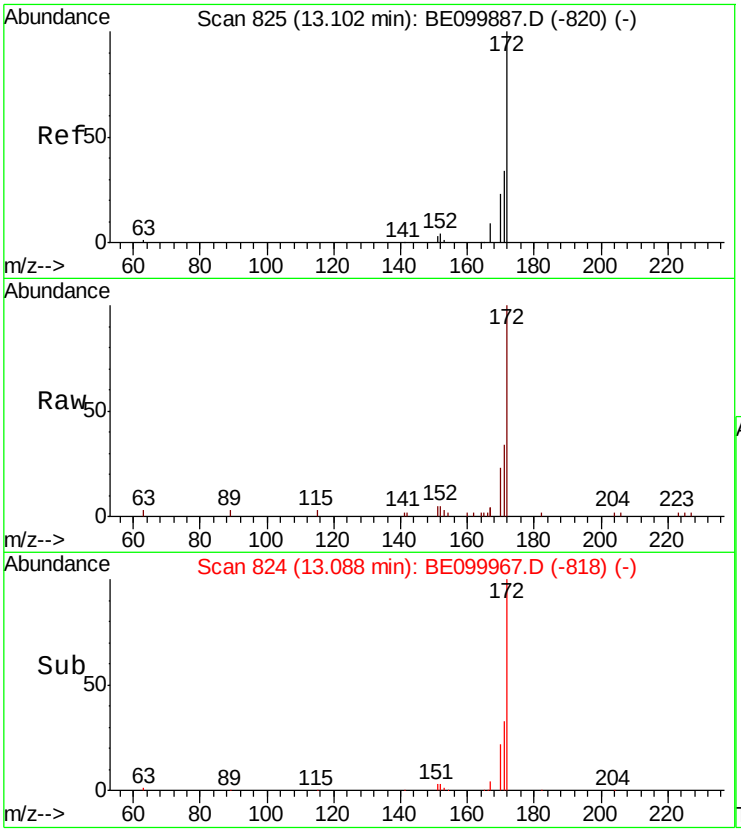




#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:330 Resp: 746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 76.7 | 115.1 |
| 141 | 28.7 | 21.0 | 31.6 |



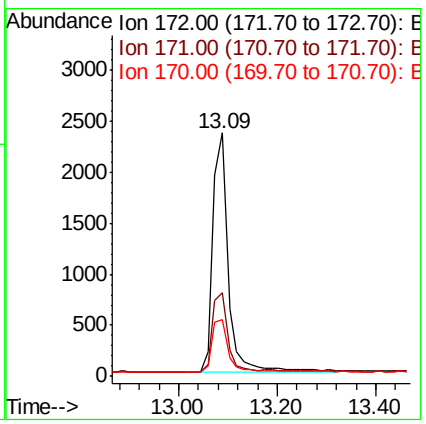


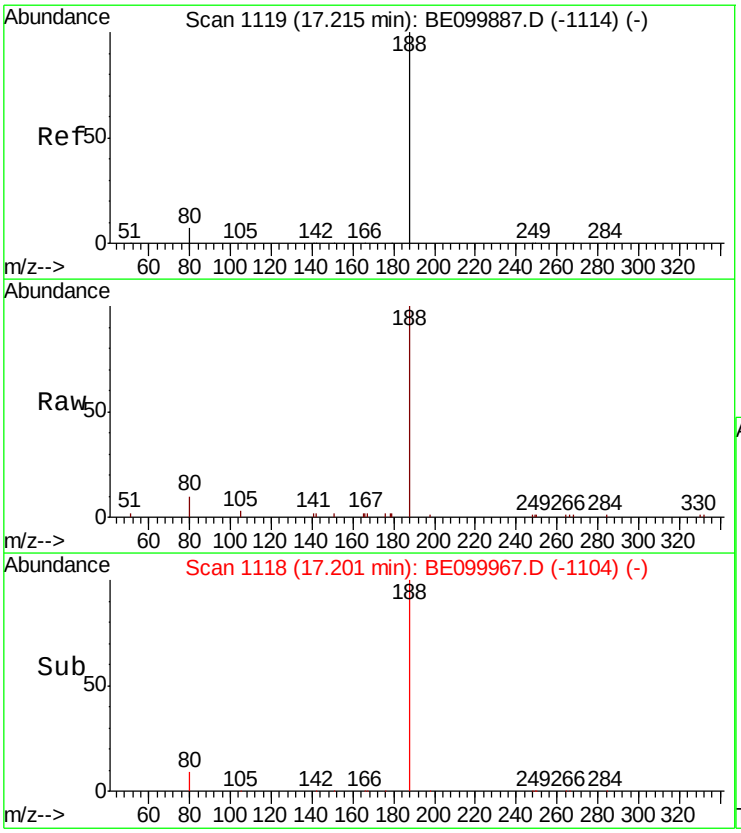

#15
2-Fluorobiphenyl
Concen: 0.447 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:172 Resp: 4956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 29.2 | 43.8 |
| 170 | 23.4 | 21.2 | 31.8 |

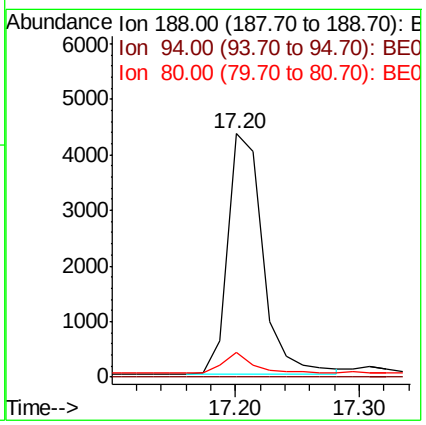


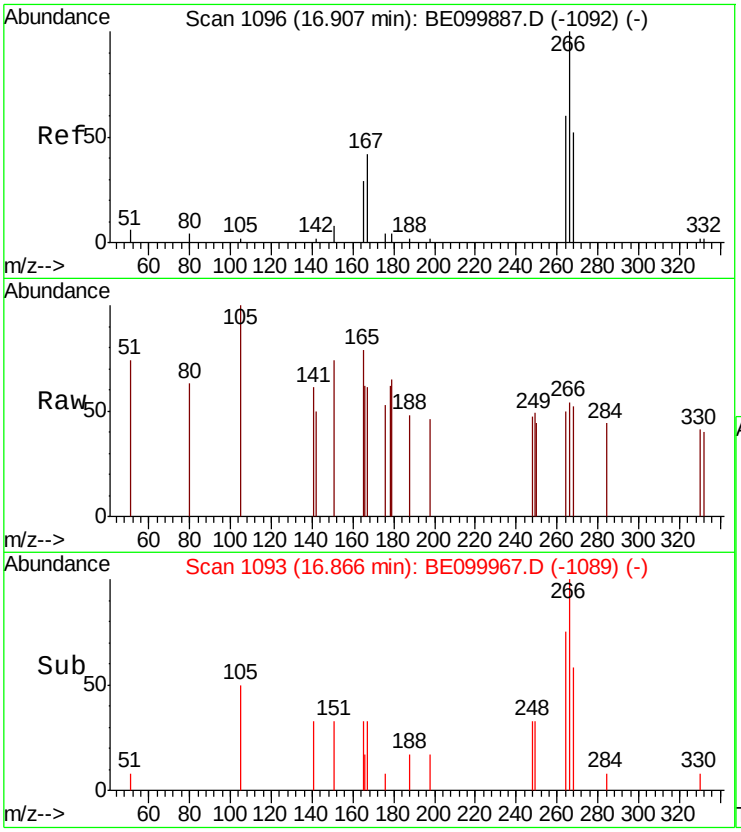




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:188 Resp: 8502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.3 | 6.4 | 9.6# |



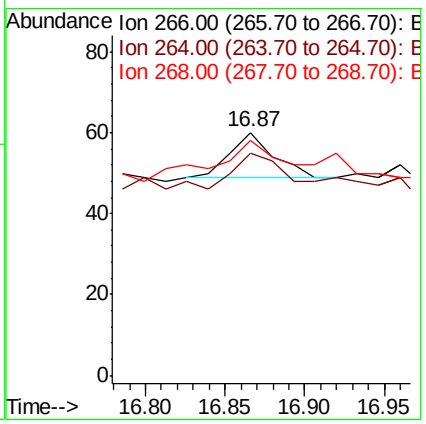


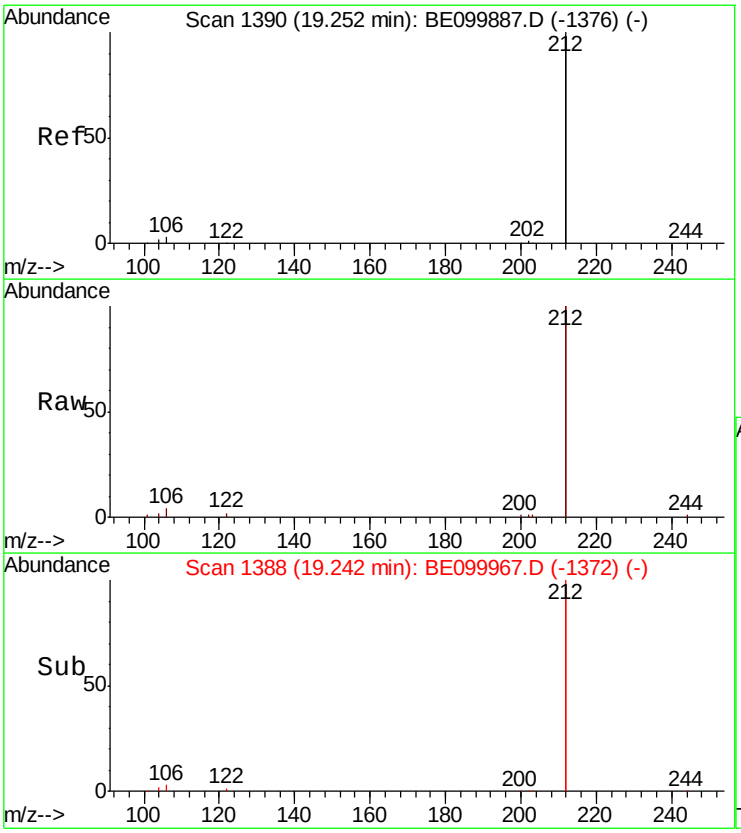

#22
Pentachlorophenol
Concen: 0.309 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:266 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 91.7 | 62.2 | 93.2 |
| 268 | 96.7 | 65.5 | 98.3 |

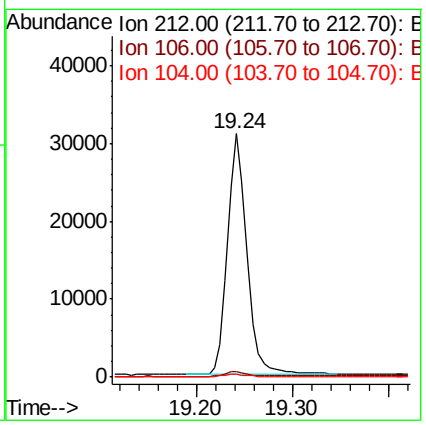


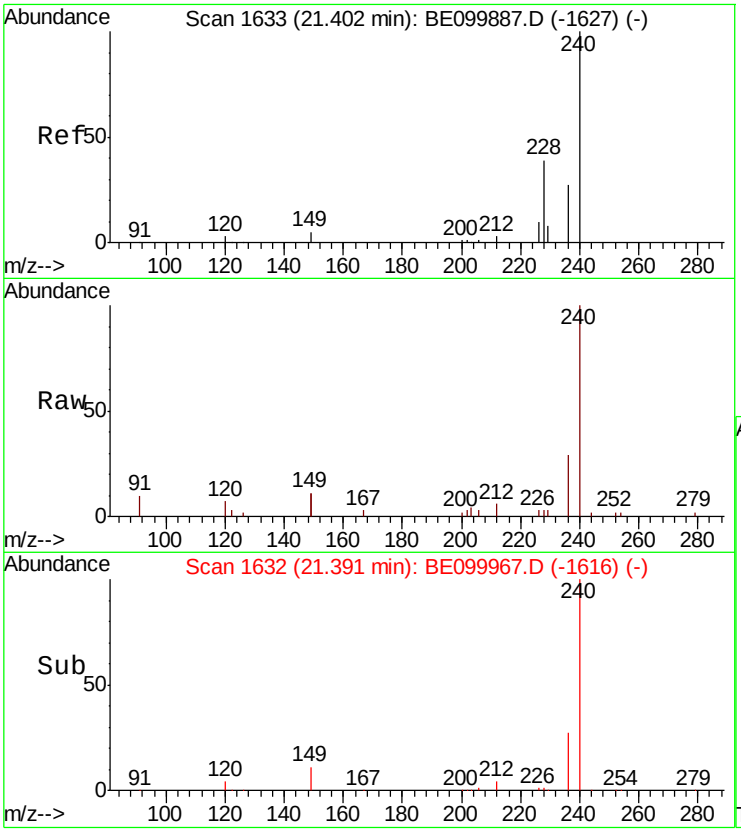




#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:212 Resp: 43576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.0 | 1.4 | 2.2 |
| 104 | 1.1 | 0.9 | 1.3 |



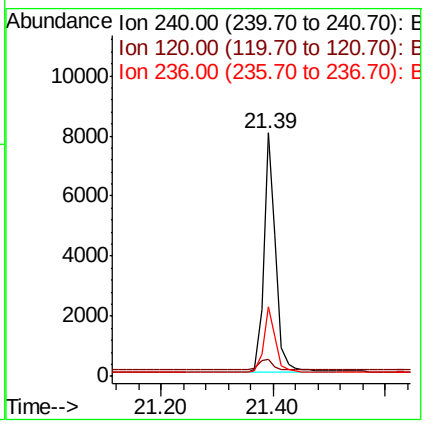


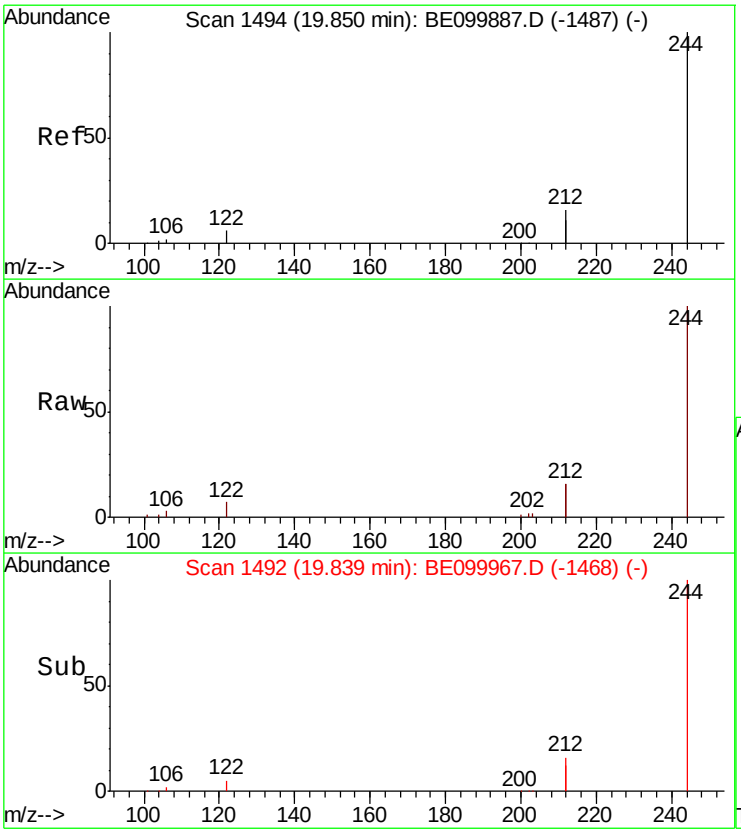

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:240 Resp: 11890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.0 | 3.8 | 5.6# |
| 236 | 28.6 | 22.0 | 33.0 |

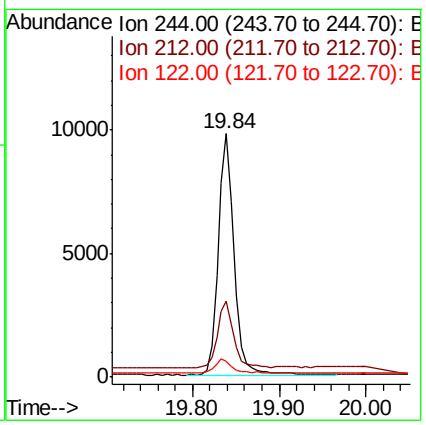


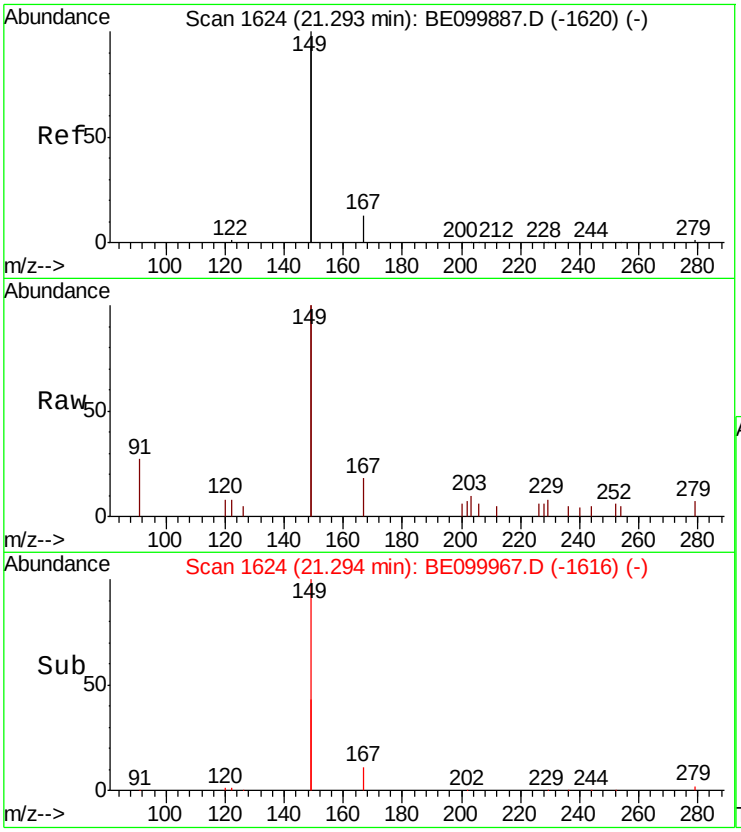




#29
Terphenyl-d14
Concen: 0.581 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:244 Resp: 12427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 31.2 | 25.7 | 38.5 |
| 122 | 6.7 | 5.5 | 8.3 |



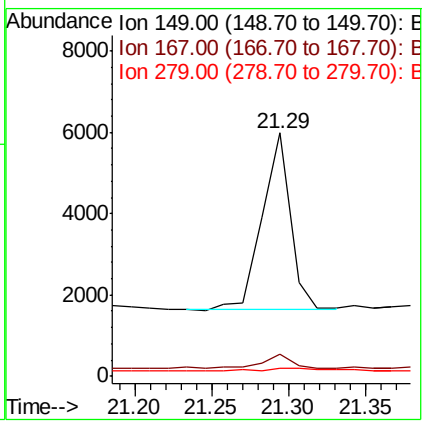


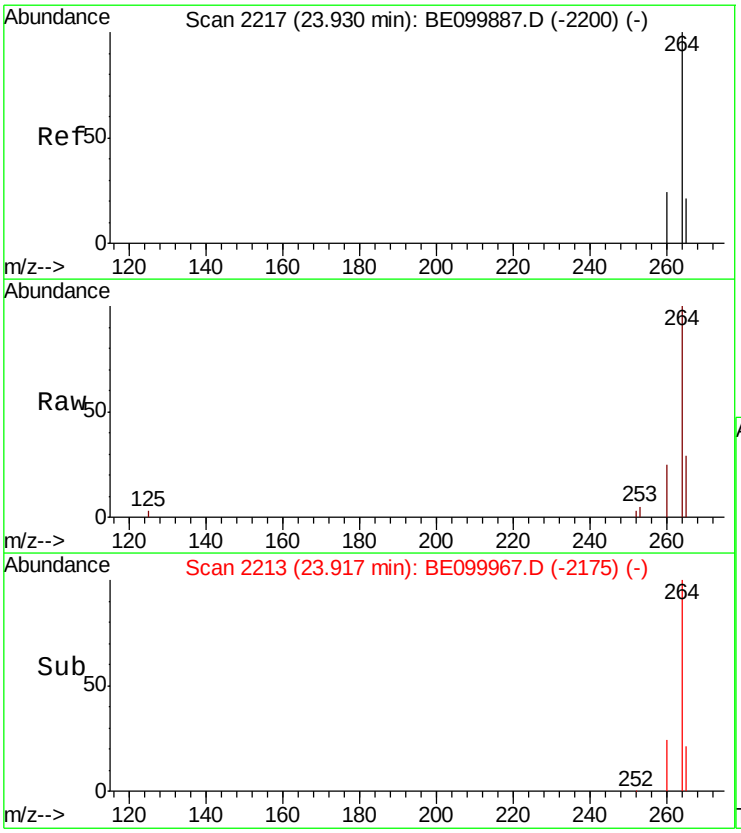

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-FW-MW01-20190608

Tgt Ion:149 Resp: 5588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.4 | 5.9 | 8.9 |
| 279 | 3.0 | 1.2 | 1.8# |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BE099967.D
Acq: 12 Jun 2019 21:39

Tgt Ion:264 Resp: 13681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.4 | 20.2 | 30.2 |
| 265 | 28.5 | 22.0 | 33.0 |