Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100981.D
Acq On : 26 Dec 2019 21:16
Operator : JU
Sample : K6392-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 27 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 2679 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.52 | 136 | 12484 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.37 | 164 | 7530 | 0.40 | ng | -0.02 |
| 19) Phenanthrene-d10 | 17.11 | 188 | 18446 | 0.40 | ng | -0.01 |
| 27) Chrysene-d12 | 21.28 | 240 | 20233 | 0.40 | ng | -0.01 |
| 34) Perylene-d12 | 23.71 | 264 | 23731 | 0.40 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 1106 | 0.24 | ng | -0.01 |
| 5) Phenol-d6 | 6.93 | 99 | 606 | 0.27 | ng | -0.06 |
| 8) Nitrobenzene-d5 | 8.89 | 82 | 2517 | 0.48 | ng | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 7407 | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.86 | 330 | 687 | 0.49 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.00 | 172 | 12007 | 0.45 | ng | -0.02 |
| 25) Fluoranthene-d10 | 19.14 | 212 | 110533 | 0.49 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 22669 | 0.49 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 53381 | 10.280 | ng | # 74 |
| 9) Naphthalene | 10.58 | 128 | 2879 | 0.022 | ng | # 86 |
| 22) Pentachlorophenol | 16.80 | 266 | 23 | 0.117 | ng | # 81 |
| 23) Phenanthrene | 17.15 | 178 | 2040 | 0.043 | ng | 96 |
| 26) Fluoranthene | 19.17 | 202 | 1486 | 0.023 | ng | # 92 |
| 32) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 62024 | 0.697 | ng | 100 |

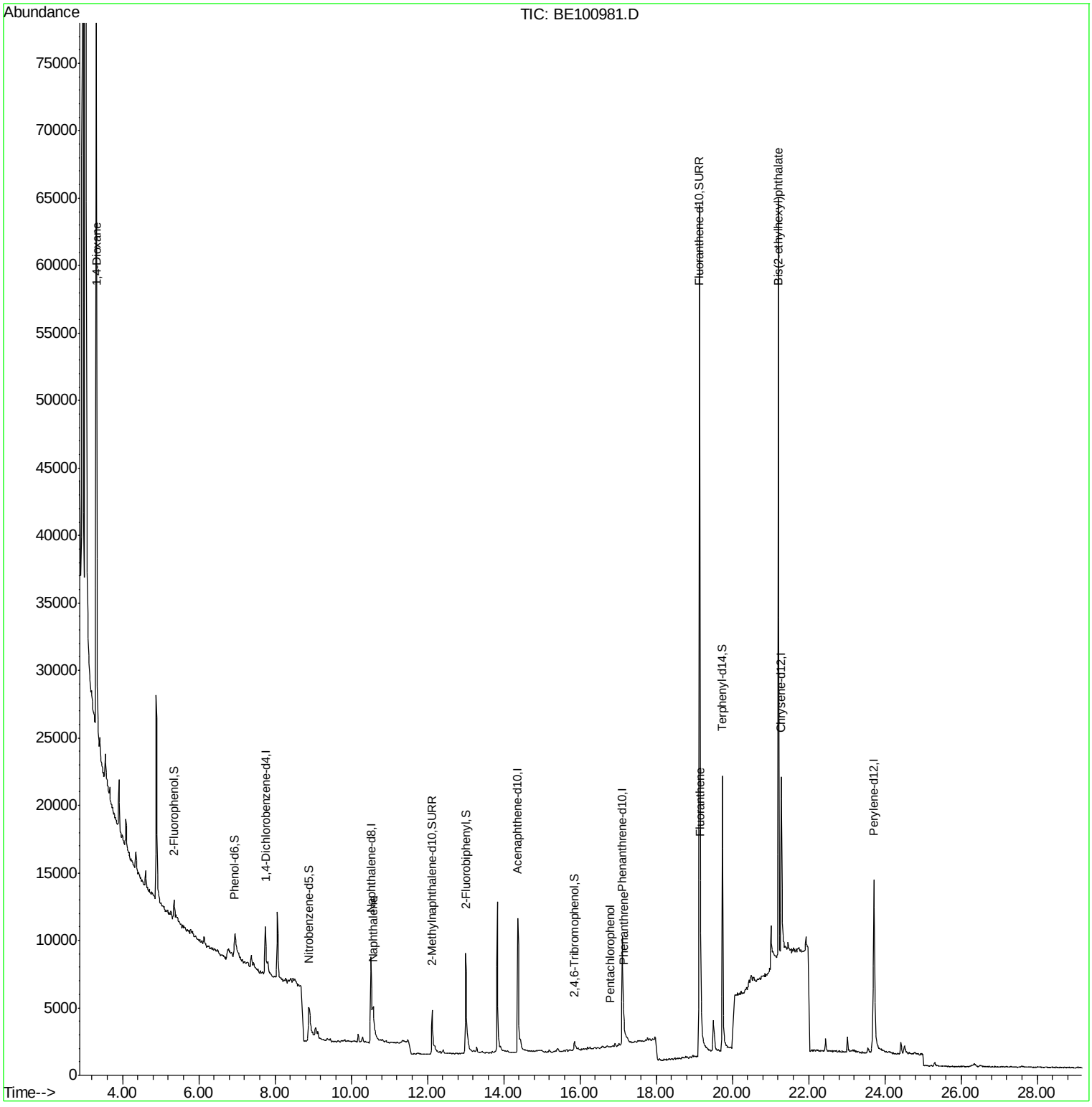
(#) = qualifier out of range (m) = manual integration (+) = signals summed

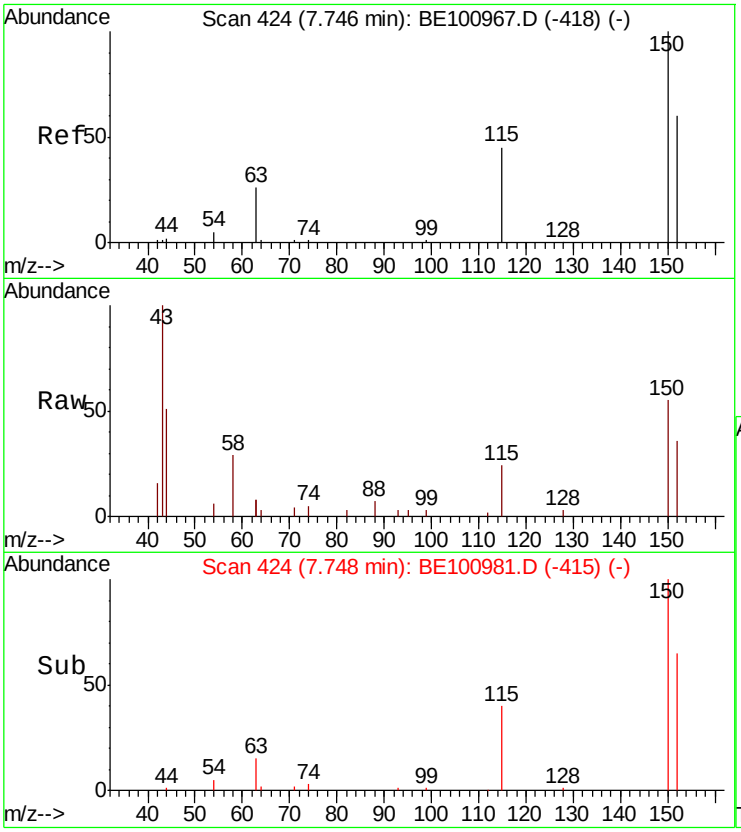
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100981.D
Acq On : 26 Dec 2019 21:16
Operator : JU
Sample : K6392-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 27 01:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration



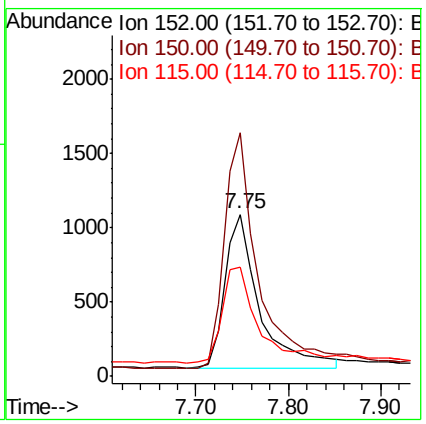


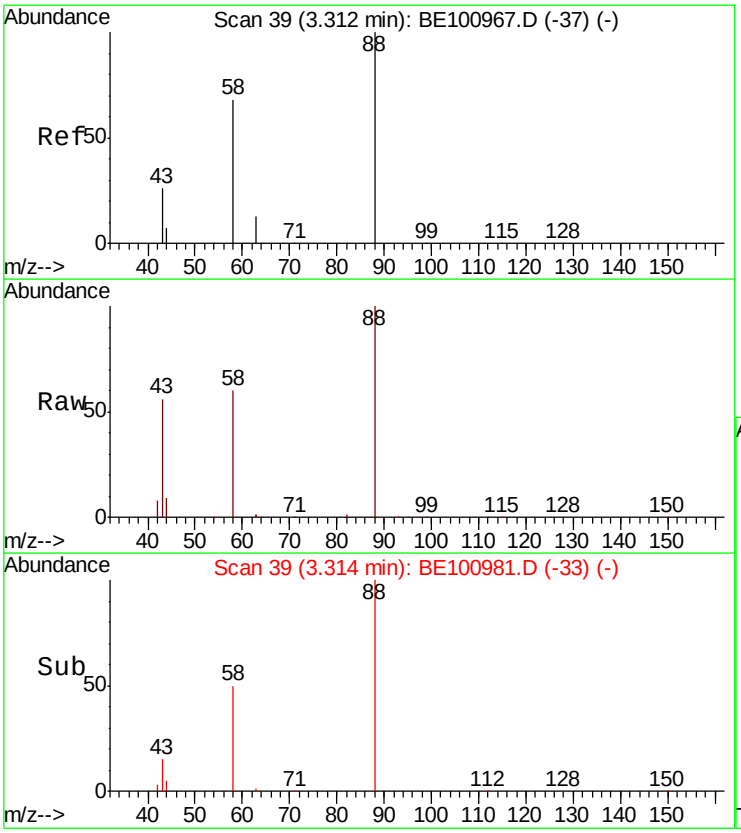

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:152 Resp: 2679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.1 | 132.6 | 199.0 |
| 115 | 67.0 | 64.1 | 96.1 |

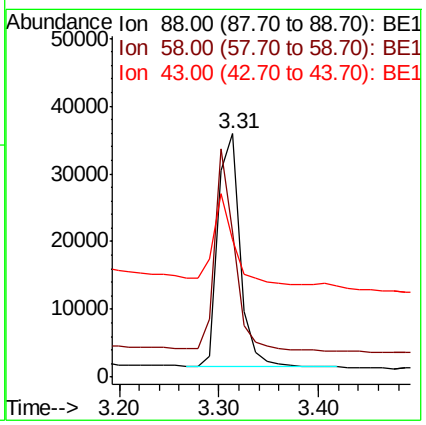


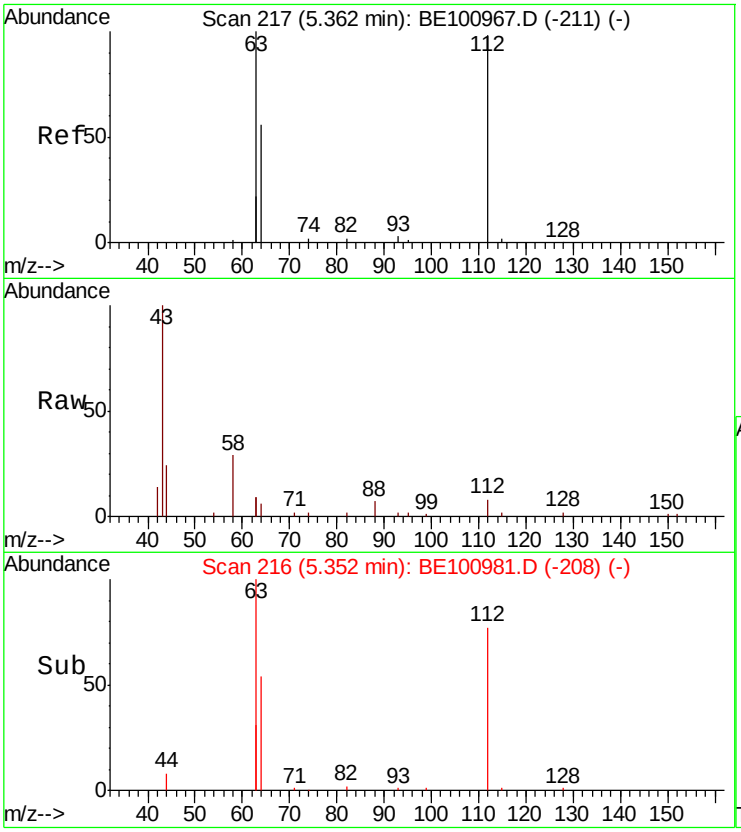




#2
1,4-Dioxane
Concen: 10.280 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion: 88 Resp: 53381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 77.1 | 44.2 | 66.4# |
| 43 | 35.7 | 21.0 | 31.6# |



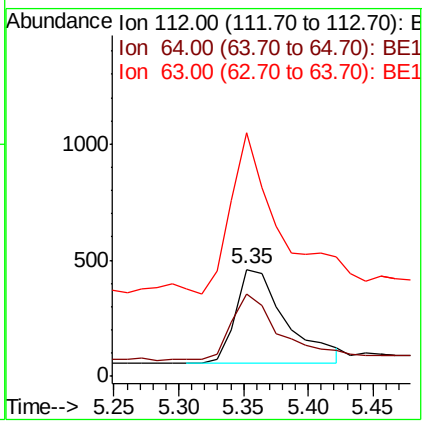


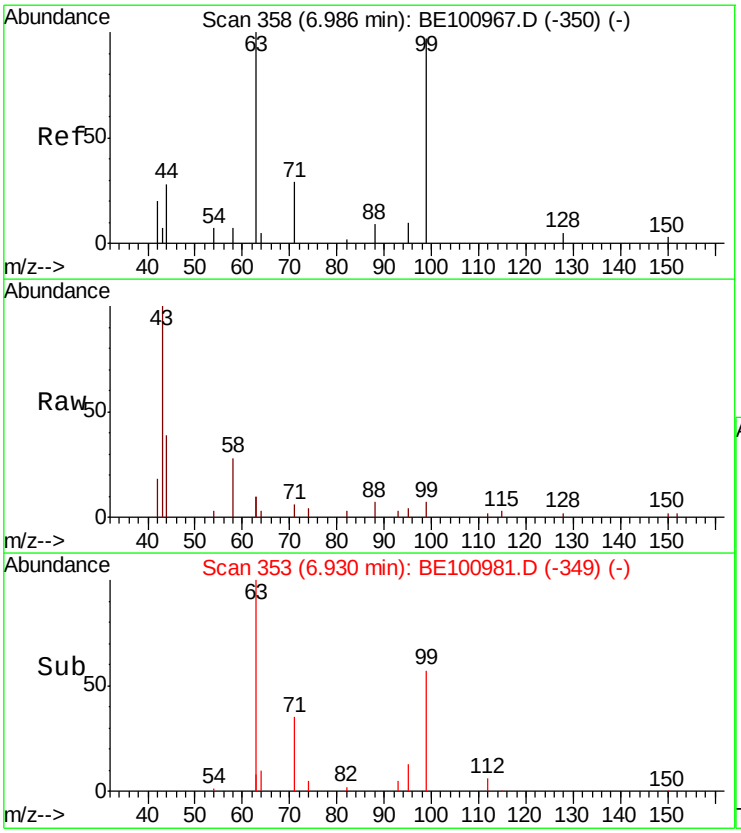

#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:112 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.3 | 59.0 | 88.6 |
| 63 | 164.5 | 121.4 | 182.0 |

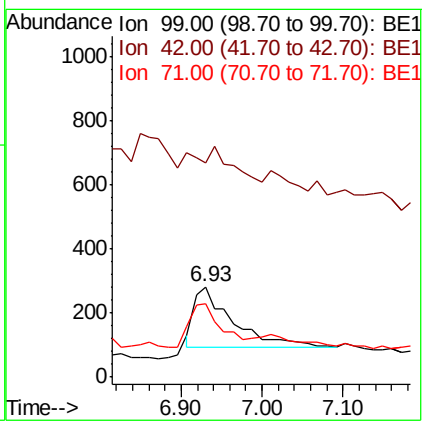


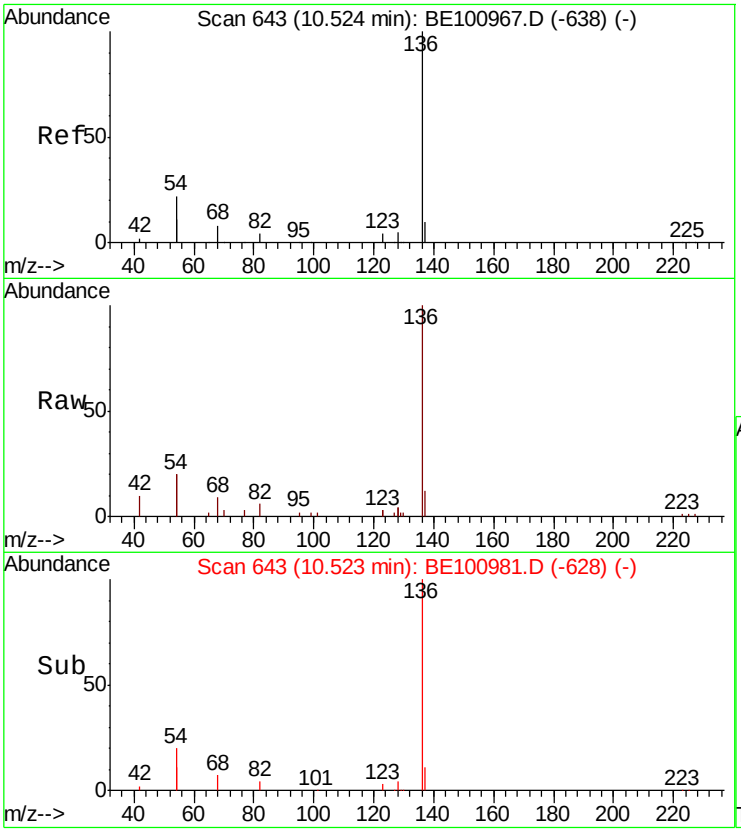




#5
Phenol-d6
Concen: 0.266 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.06 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion: 99 Resp: 606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 0.0 | 0.0 |
| 71 | 34.5 | 0.0 | 0.0# |



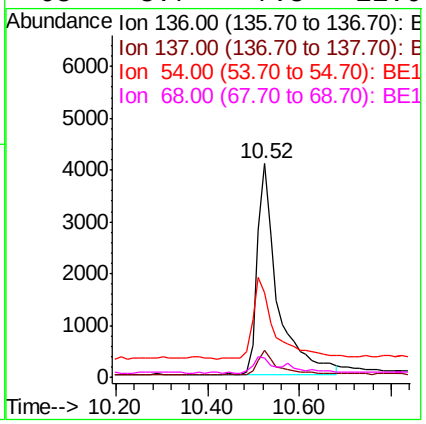


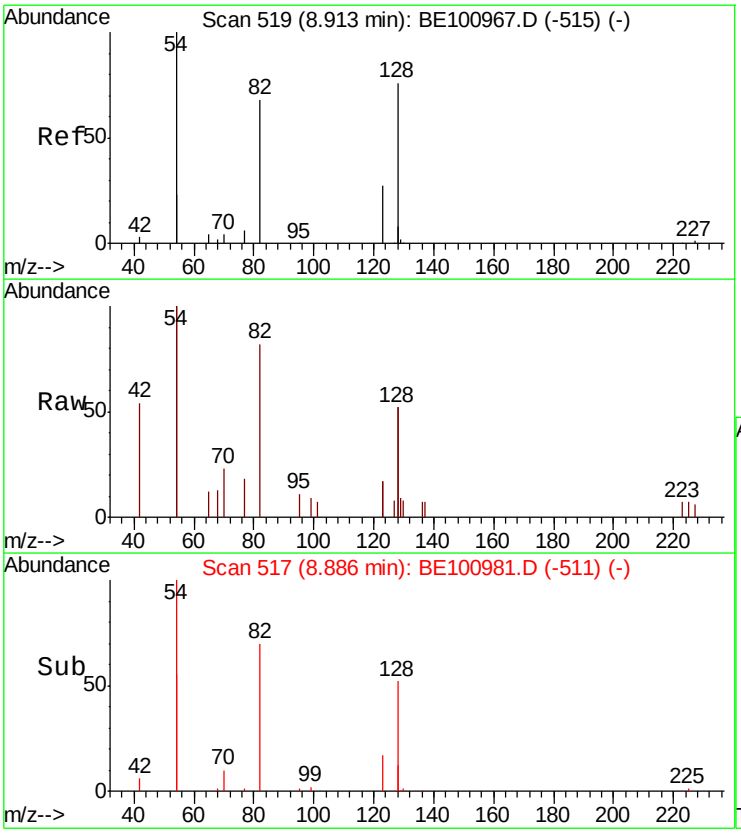

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:136 Resp: 12484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.5 | 9.0 | 13.6 |
| 54 | 39.7 | 34.4 | 51.6 |
| 68 | 8.7 | 7.8 | 11.6 |

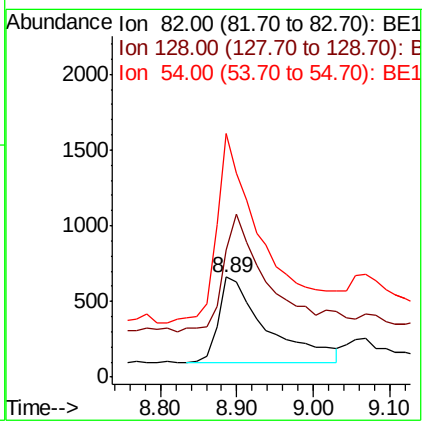


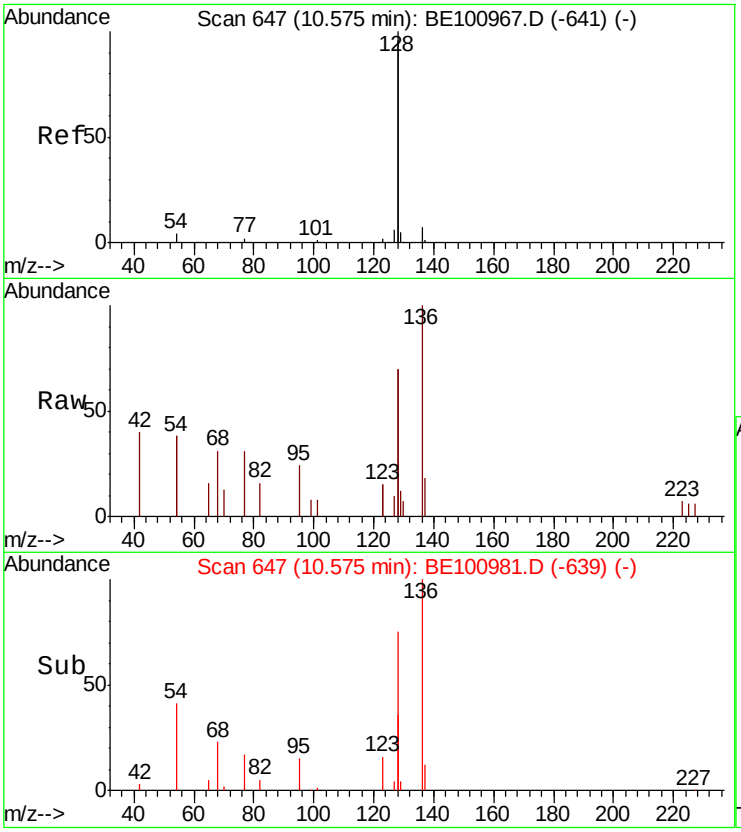




#8
Nitrobenzene-d5
Concen: 0.479 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion: 82 Resp: 2517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 127.0 | 140.2 | 210.2# |
| 54 | 243.6 | 183.8 | 275.6 |



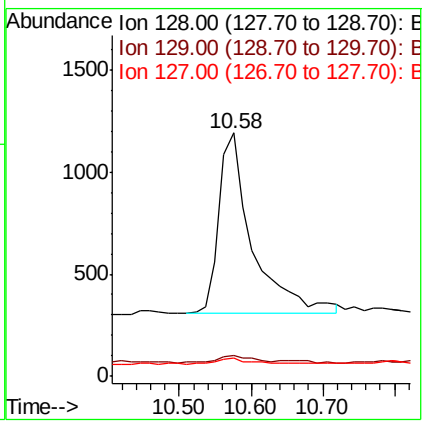


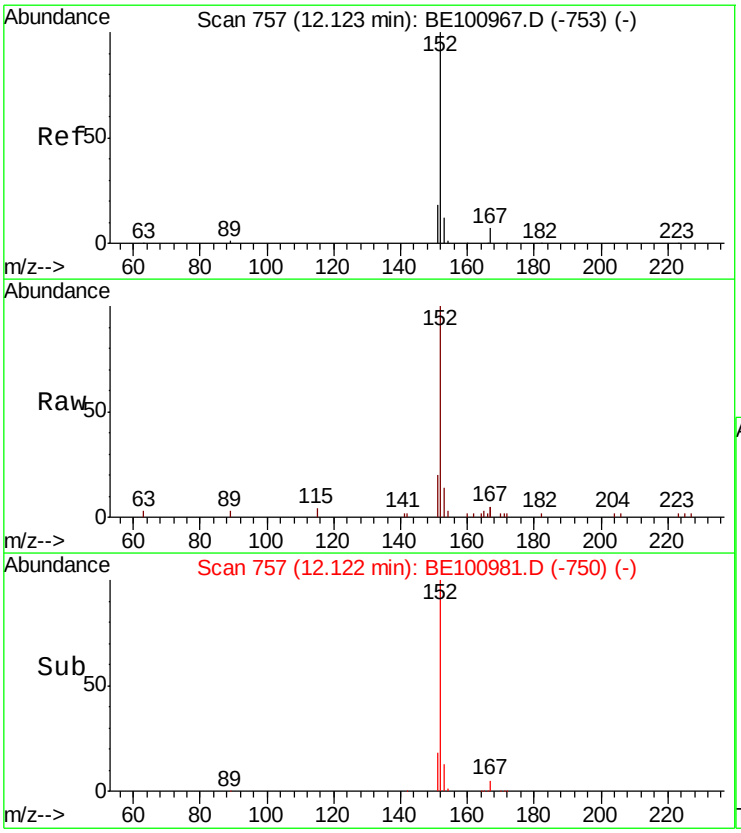

#9
Naphthalene
Concen: 0.022 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:128 Resp: 2879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.6 | 2.6 | 3.8# |
| 127 | 7.5 | 2.8 | 4.2# |

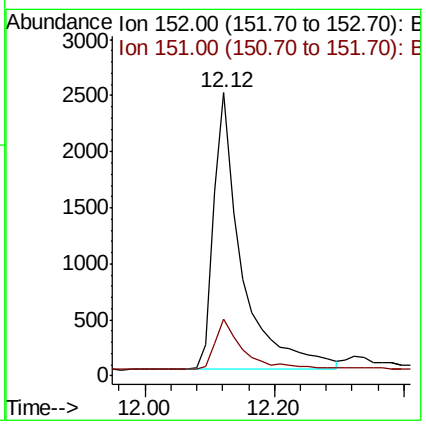


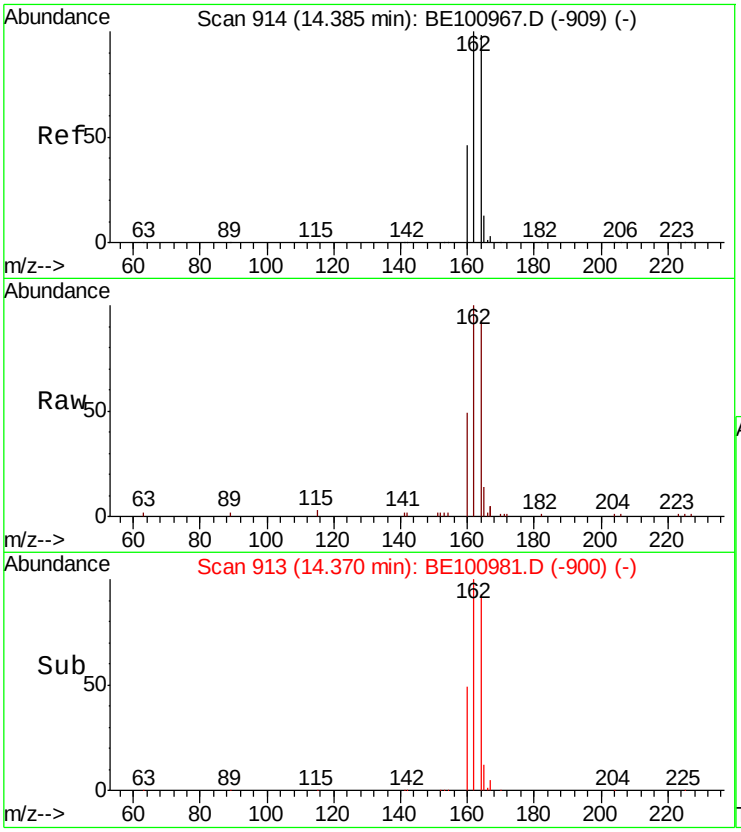




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:152 Resp: 7407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.1 | 22.7 |



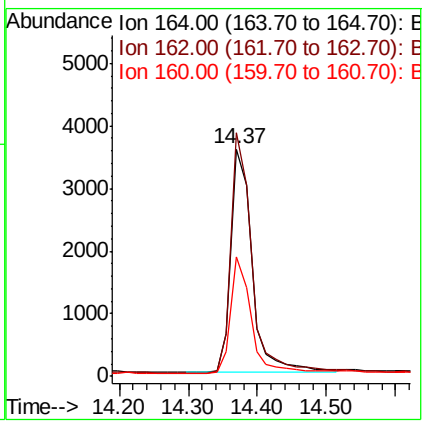


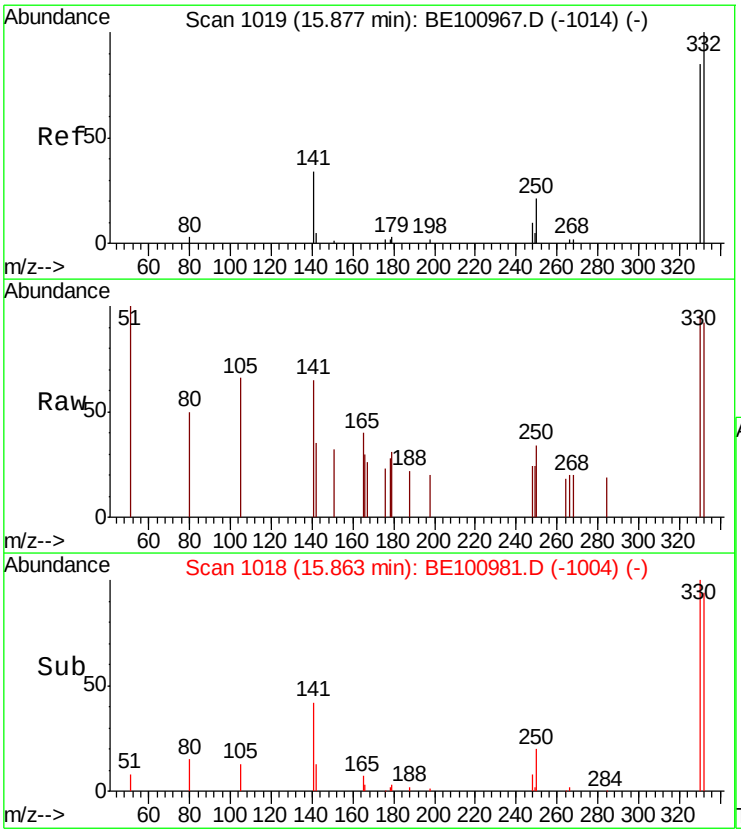

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:164 Resp: 7530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.0 | 81.6 | 122.4 |
| 160 | 52.7 | 37.7 | 56.5 |

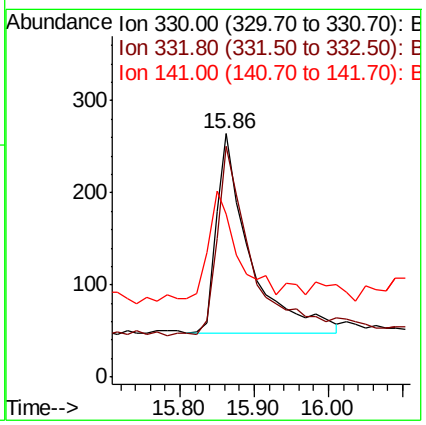


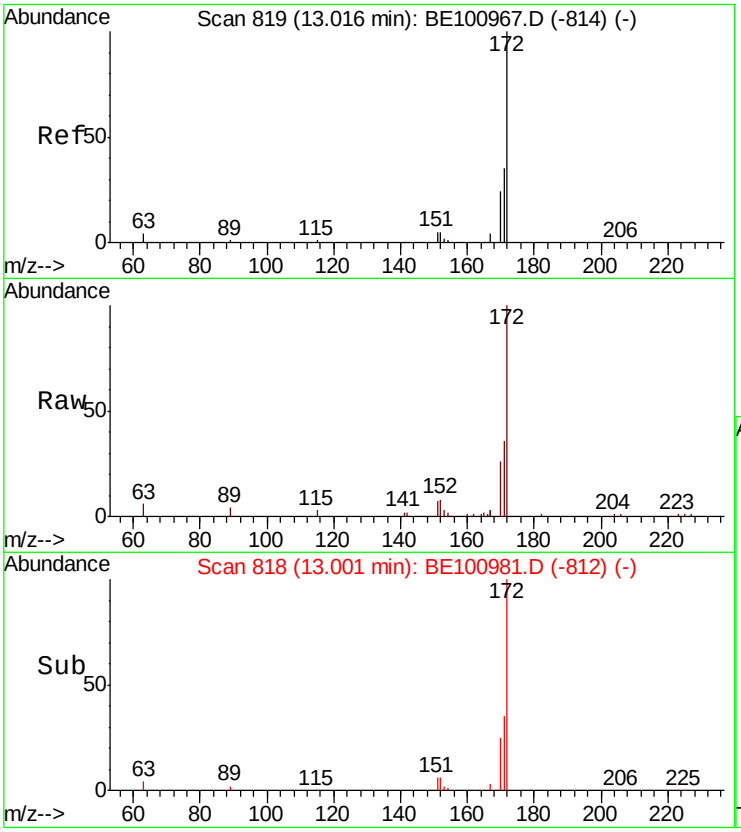




#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:330 Resp: 687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 72.4 | 108.6 |
| 141 | 49.2 | 25.4 | 38.2# |



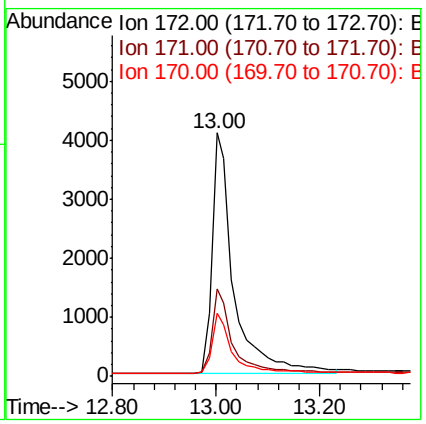


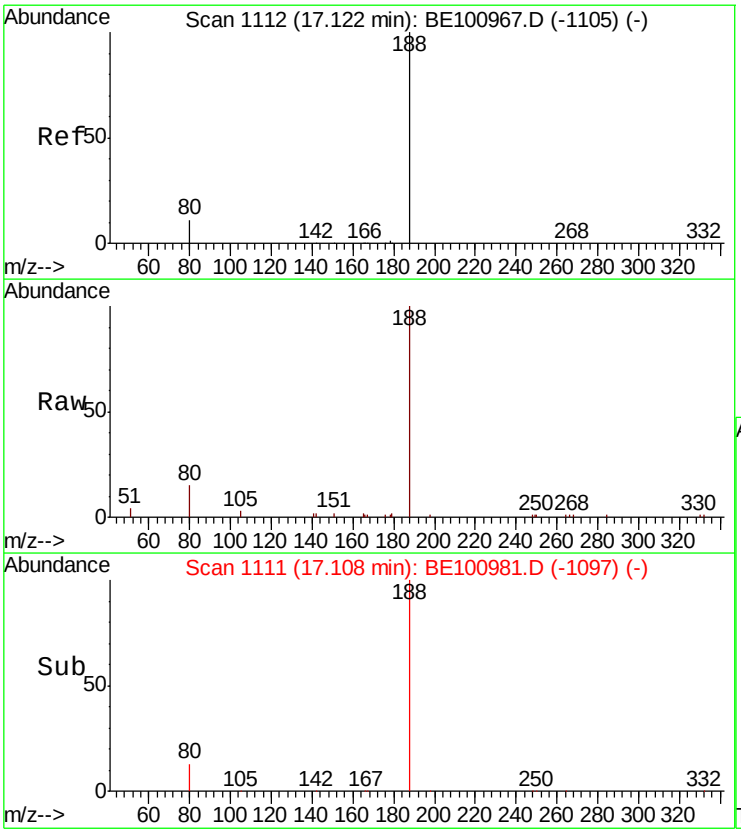

#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:172 Resp: 12007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.0 | 43.6 |
| 170 | 26.1 | 20.0 | 30.0 |

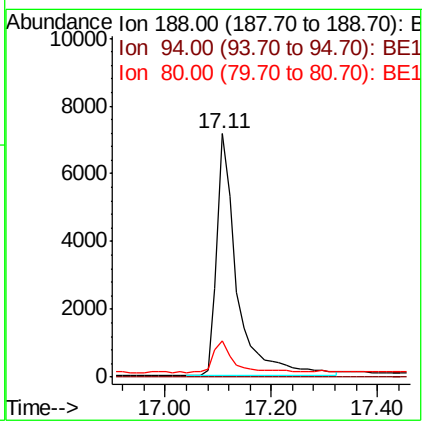


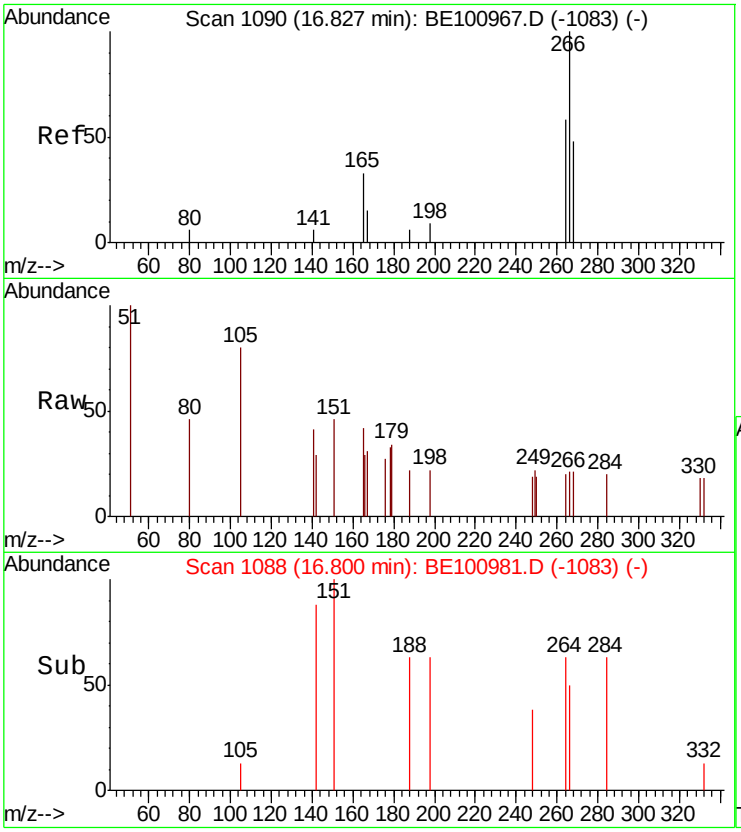




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:188 Resp: 18446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 15.0 | 9.7 | 14.5# |



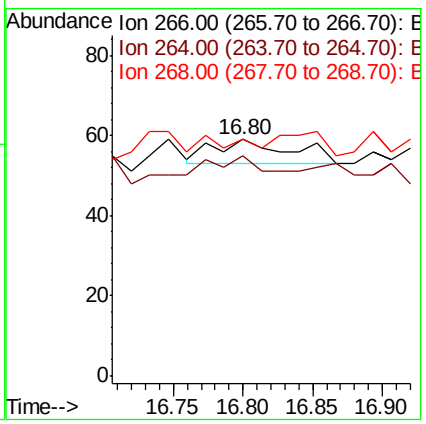


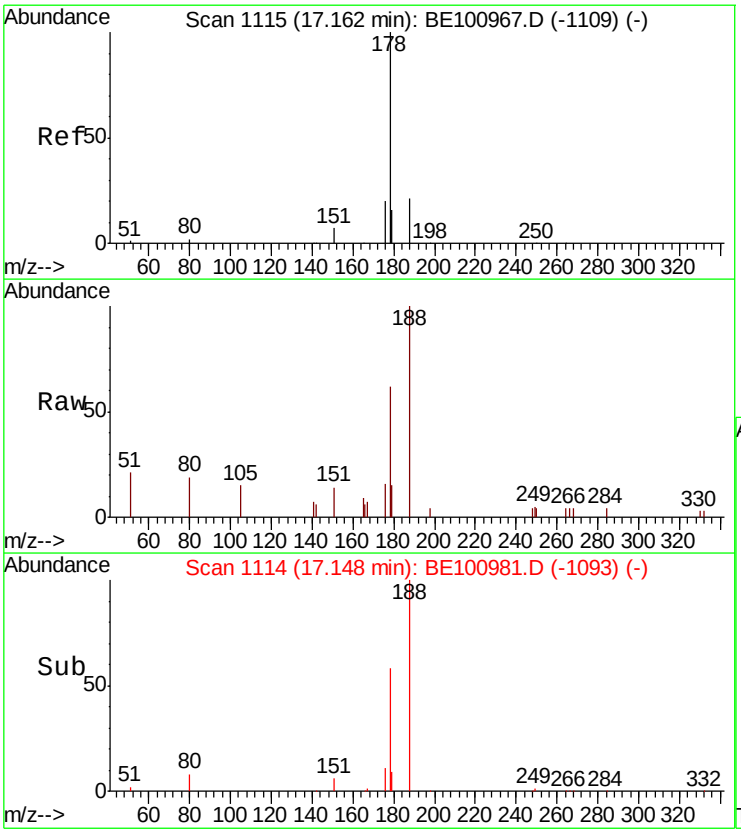

#22
Pentachlorophenol
Concen: 0.117 ng
RT: 16.80 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:266 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 93.2 | 62.3 | 93.5 |
| 268 | 100.0 | 66.1 | 99.1# |

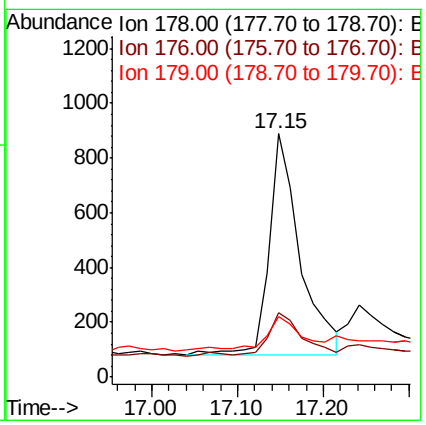


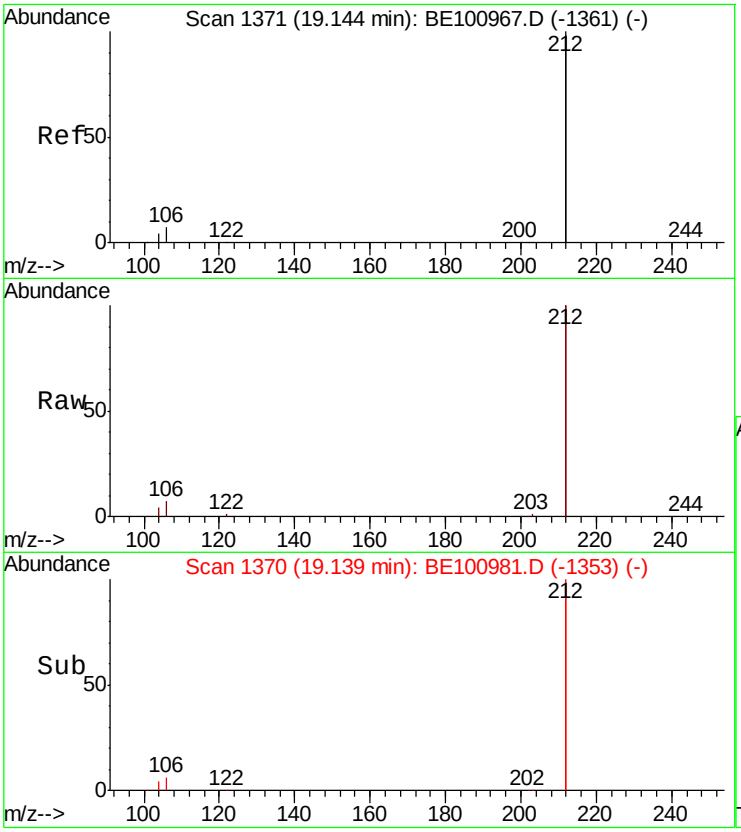




#23
Phenanthrene
Concen: 0.043 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:178 Resp: 2040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 15.7 | 23.5 |
| 179 | 18.5 | 12.6 | 18.8 |



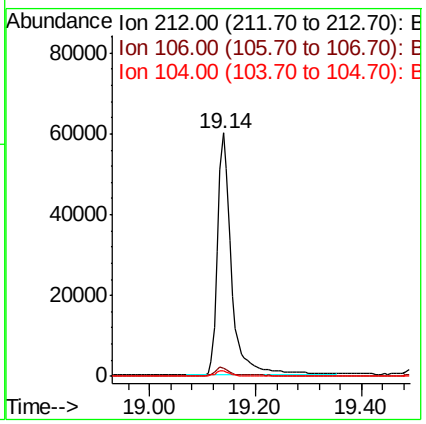


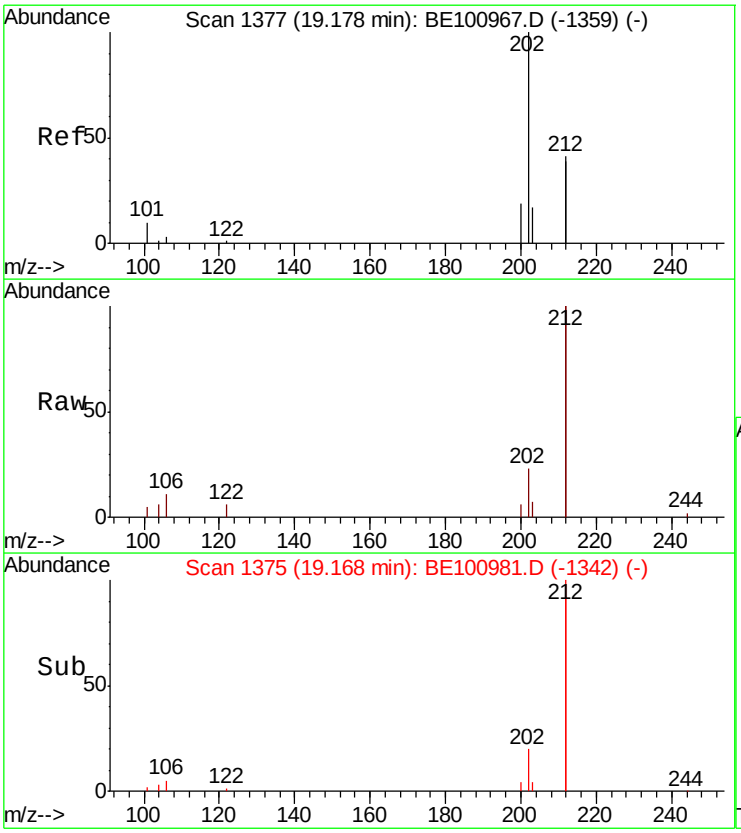

#25
Fluoranthene-d10
Concen: 0.494 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:212 Resp: 110533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.4 | 2.4 | 3.6 |
| 104 | 1.9 | 1.4 | 2.0 |

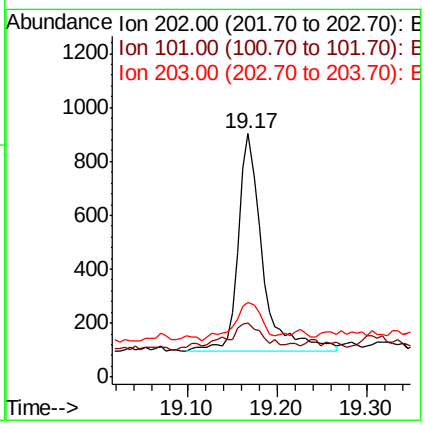


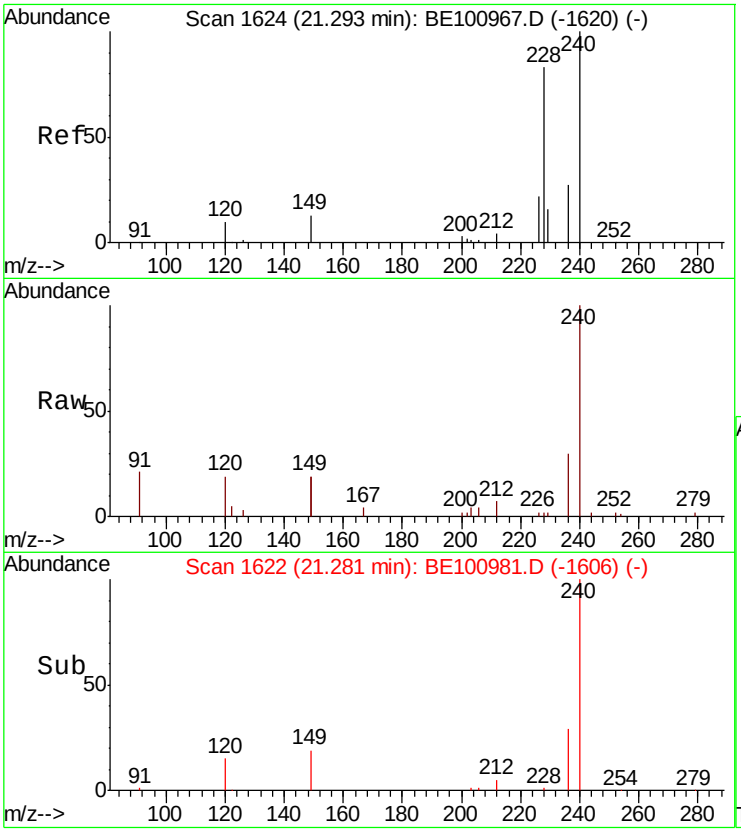




#26
Fluoranthene
Concen: 0.023 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:202 Resp: 1486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 9.0 | 13.4# |
| 203 | 19.7 | 13.2 | 19.8 |



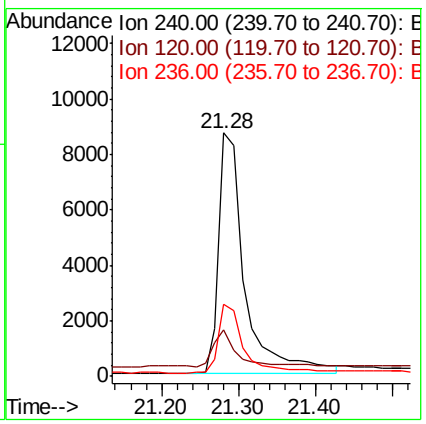


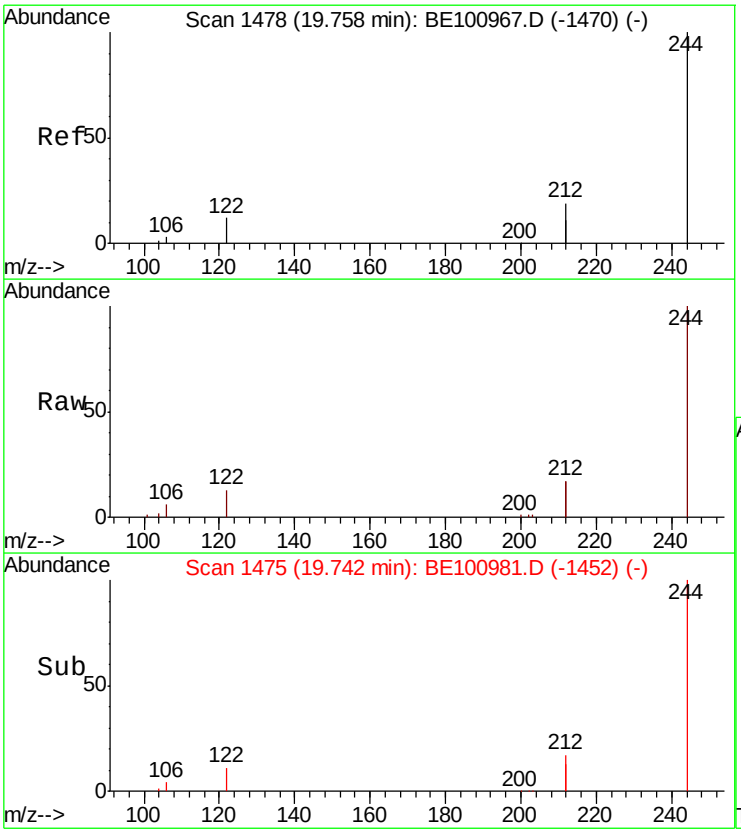

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:240 Resp: 20233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 18.9 | 10.2 | 15.4# |
| 236 | 29.7 | 22.6 | 34.0 |

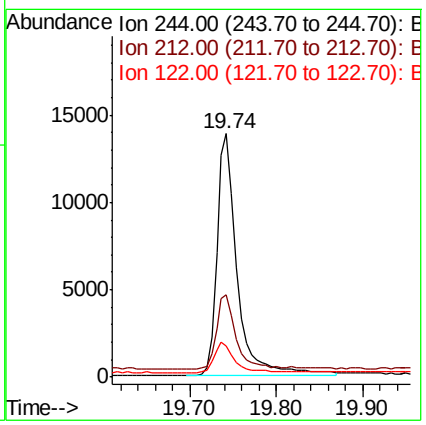


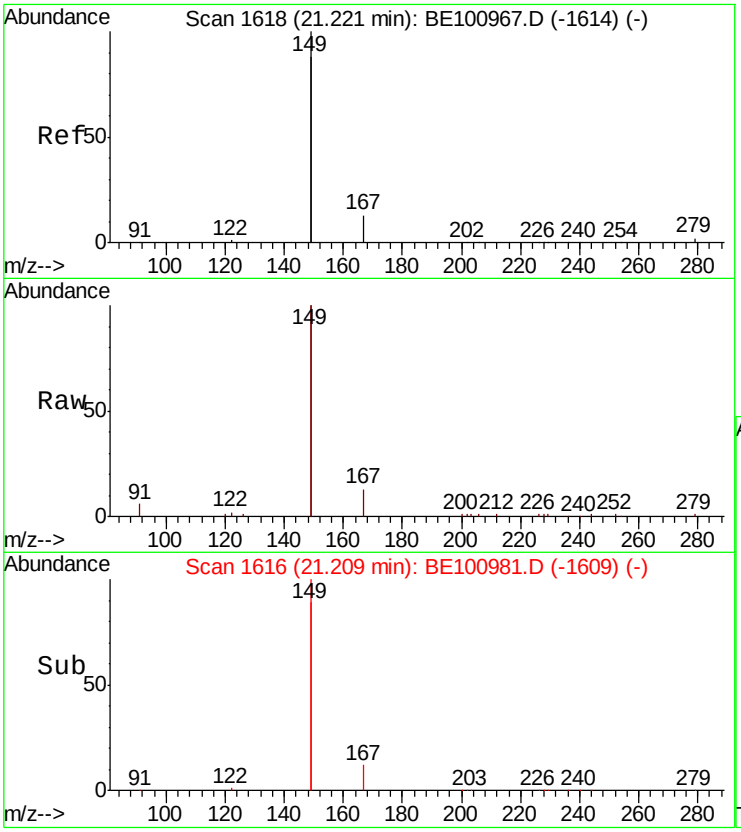




#29
Terphenyl-d14
Concen: 0.487 ng
RT: 19.74 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:244 Resp: 22669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.0 | 29.3 | 43.9 |
| 122 | 13.0 | 10.2 | 15.4 |



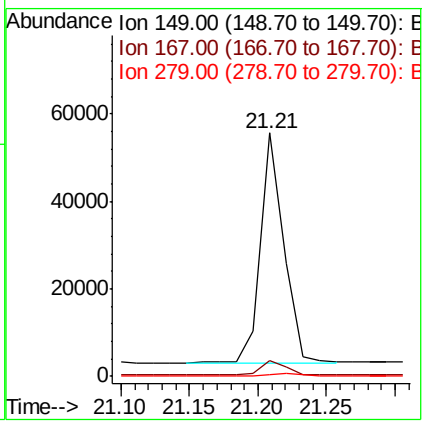


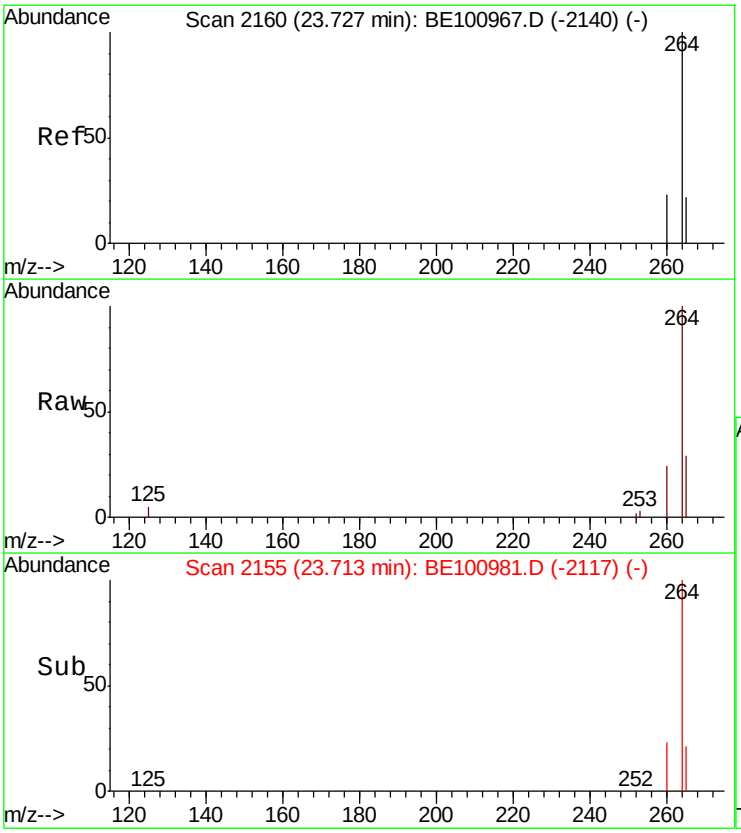

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.697 ng
RT: 21.21 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

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

Tgt Ion:149 Resp: 62024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.3 | 5.1 | 7.7 |
| 279 | 0.9 | 0.6 | 1.0 |




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.71 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:264 Resp: 23731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.1 | 28.7 |
| 265 | 28.6 | 26.6 | 40.0 |