Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000055.D
Acq On : 04 Sep 2019 10:32
Operator : HP/JU
Sample : K4554-42
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :**

Quant Time: Sep 04 14:08:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 477984 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 1762928 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.94 | 164 | 972666 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.43 | 188 | 1782954 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.10 | 240 | 1456002 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 15.63 | 264 | 1523949 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 2887156 | 96.32 | ng | 0.00 |
| 7) Phenol-d6 | 6.51 | 99 | 3800859 | 100.44 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 2063934 | 71.84 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 918070 | 111.98 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 4058777 | 69.69 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.04 | 244 | 4453678 | 66.67 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.45 | 70 | 256916 | 11.930 | ng | # 78 |
| 25) Isophorone | 7.45 | 82 | 2063344 | 33.989 | ng | # 66 |
| 32) Benzoic acid | 7.89 | 122 | 98 | 8.067 | ng | # 15 |
| 50) Dimethylphthalate | 9.65 | 163 | 232310 | 3.505 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.94 | 165 | 125191 | 8.898 | ng | # 30 |
| 54) 2,4-Dinitrophenol | 9.97 | 184 | 135 | 8.671 | ng | # 3 |
| 57) 2,4-Dinitrotoluene | 9.94 | 165 | 125191 | 6.970 | ng | # 20 |
| 65) 4,6-Dinitro-2-methylphenol | 10.73 | 198 | 3029 | 8.095 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.73 | 248 | 66348 | 3.662 | ng | # 1 |
| 69) Atrazine | 11.23 | 200 | 85 | Below Cal | | 80 |

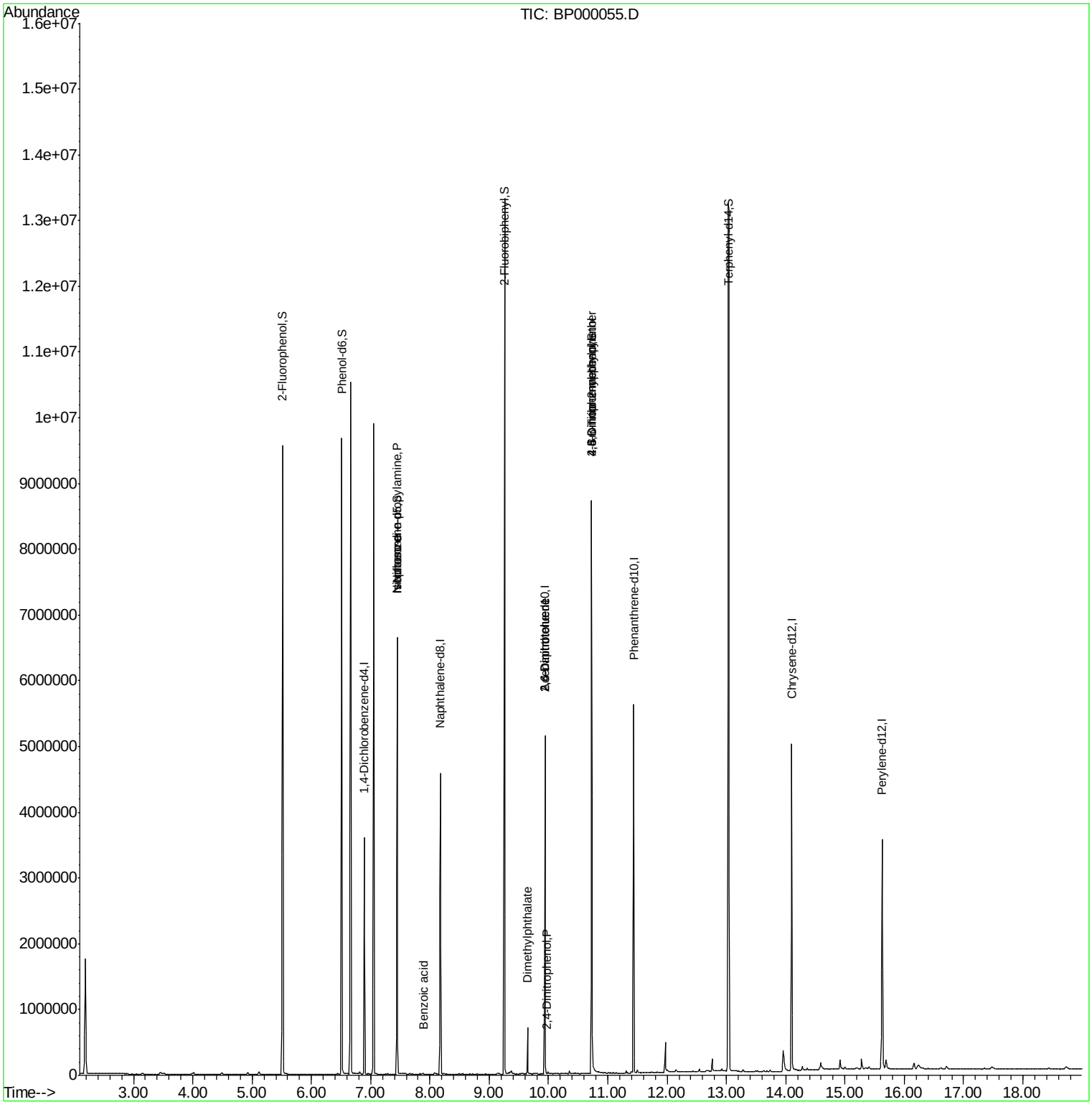
(#) = qualifier out of range (m) = manual integration (+) = signals summed

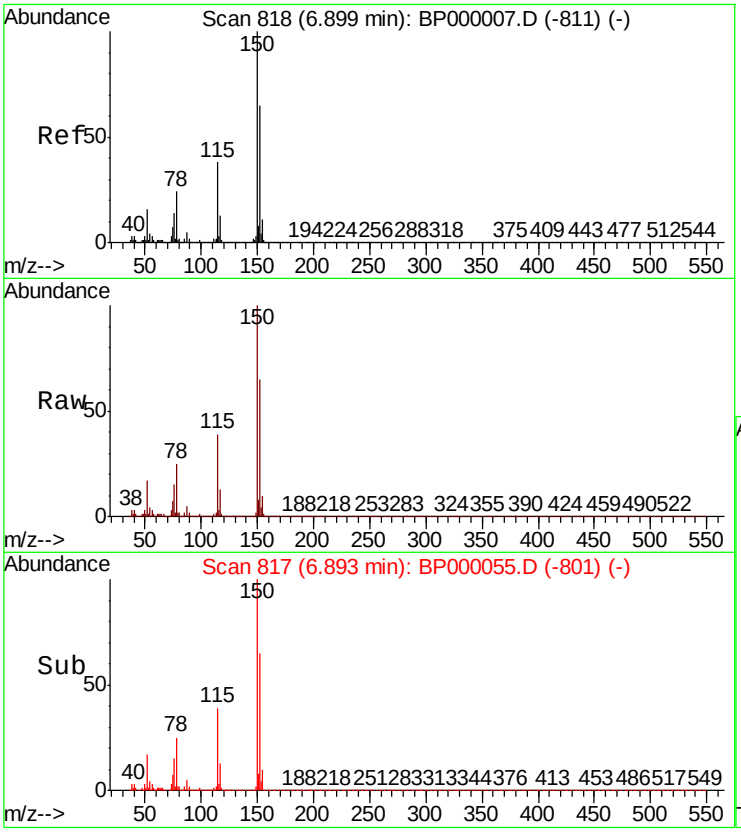
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000055.D
Acq On : 04 Sep 2019 10:32
Operator : HP/JU
Sample : K4554-42
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**

Quant Time: Sep 04 14:08:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration



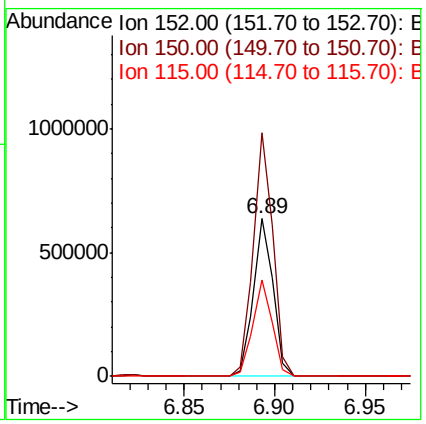


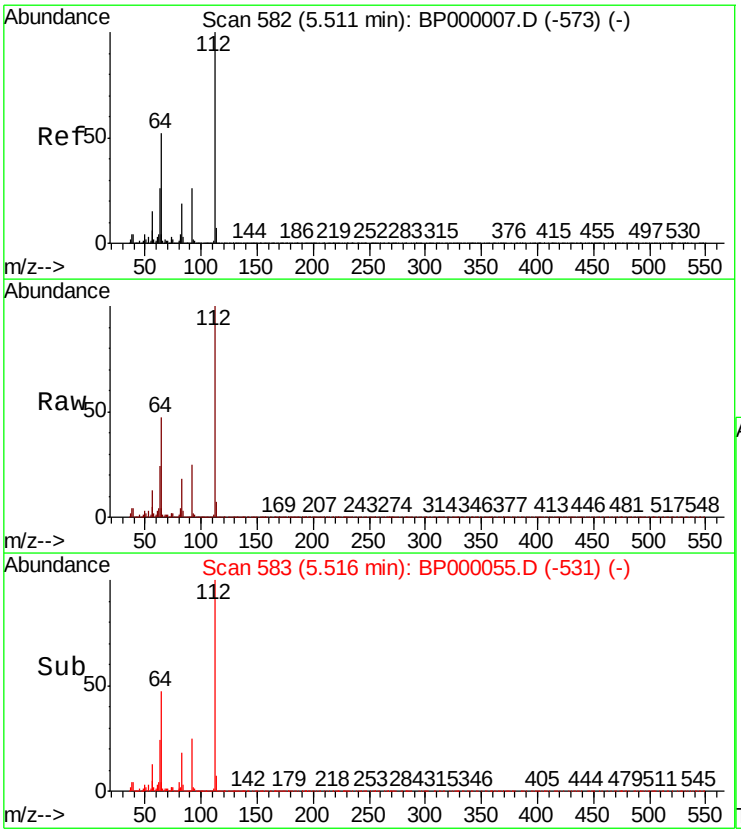

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:152 Resp: 477984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.4 | 123.0 | 184.6 |
| 115 | 61.0 | 46.7 | 70.1 |

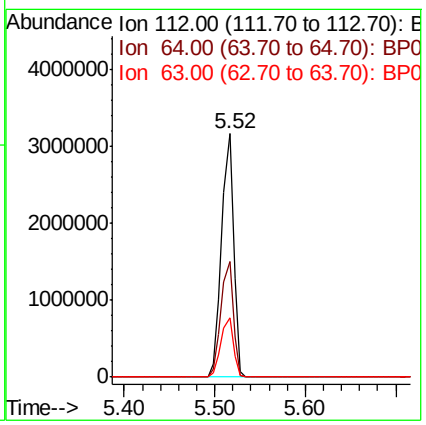


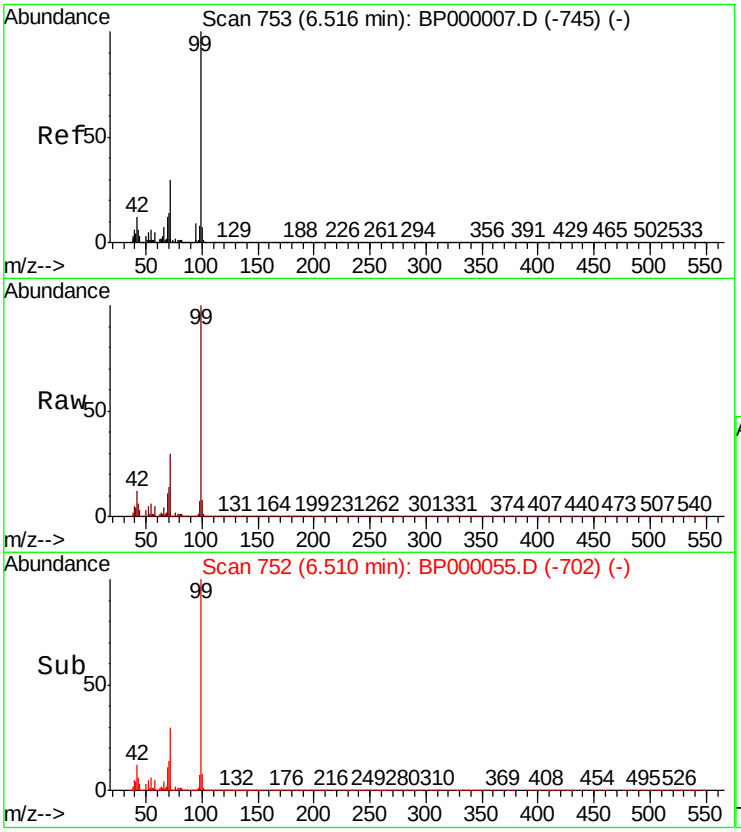




#5
2-Fluorophenol
Concen: 96.320 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:112 Resp: 2887156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 47.5 | 41.8 | 62.8 |
| 63 | 24.2 | 21.0 | 31.4 |



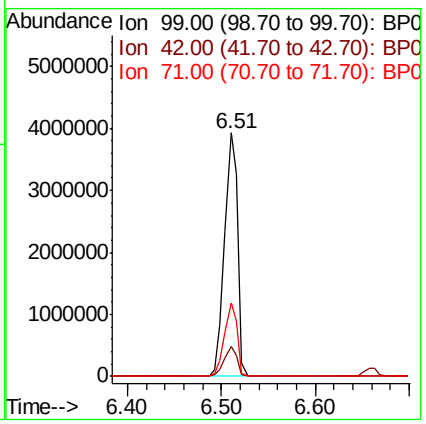


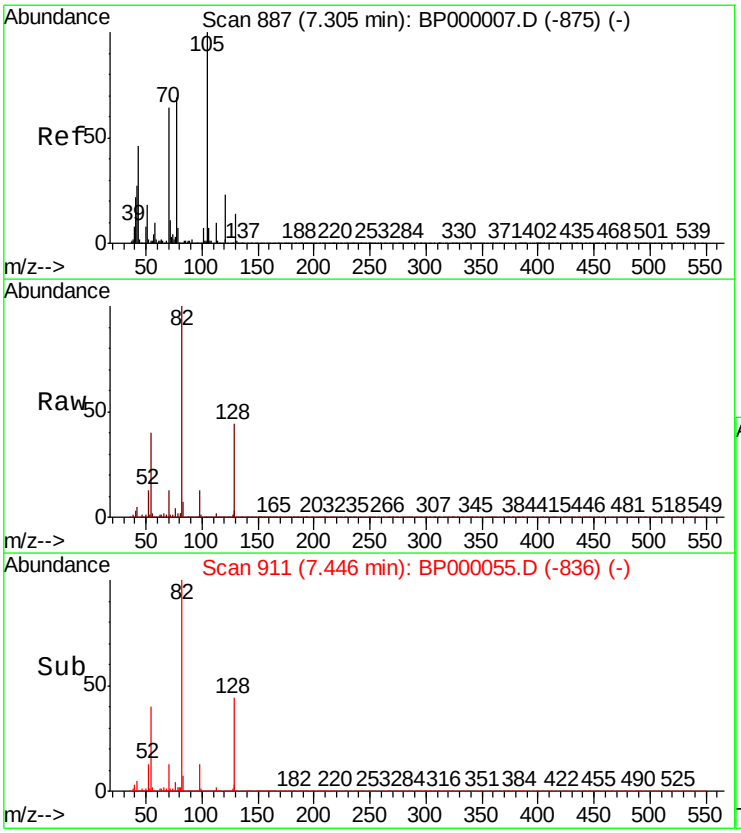

#7
Phenol-d6
Concen: 100.444 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion: 99 Resp: 3800859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.1 | 9.8 | 14.8 |
| 71 | 30.1 | 23.8 | 35.8 |

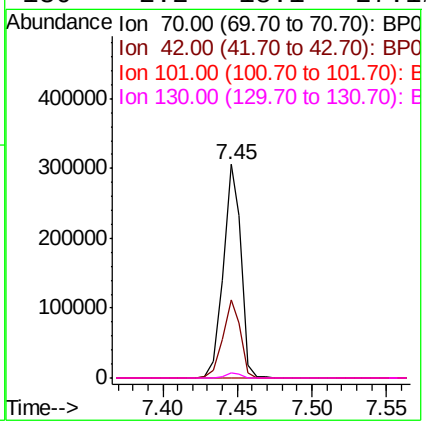


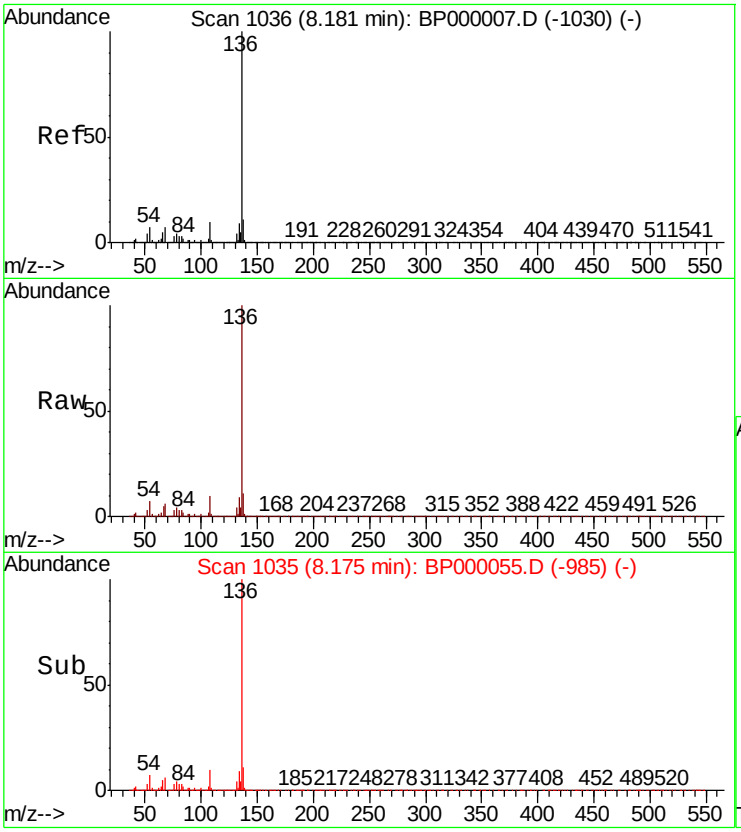




#19
n-Nitroso-di-n-propylamine
Concen: 11.930 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion: 70 Resp: 256916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 36.7 | 33.8 | 50.6 |
| 101 | 0.0 | 8.7 | 13.1# |
| 130 | 2.2 | 18.1 | 27.1# |



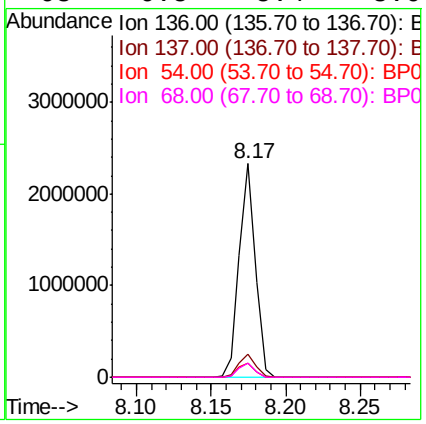


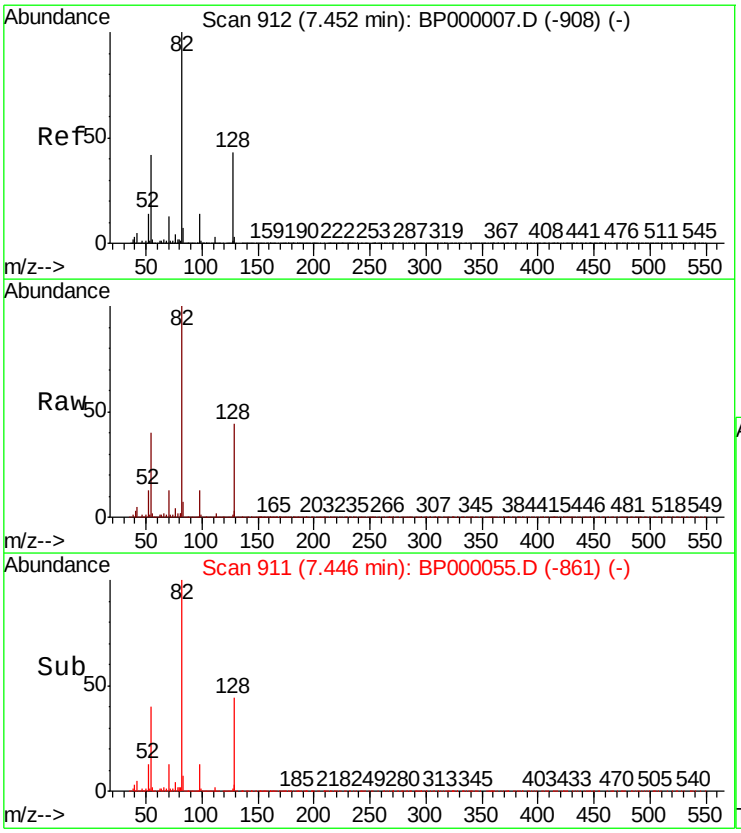

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:136 Resp: 1762928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 13.0 |
| 54 | 6.7 | 5.4 | 8.2 |
| 68 | 6.5 | 5.4 | 8.0 |

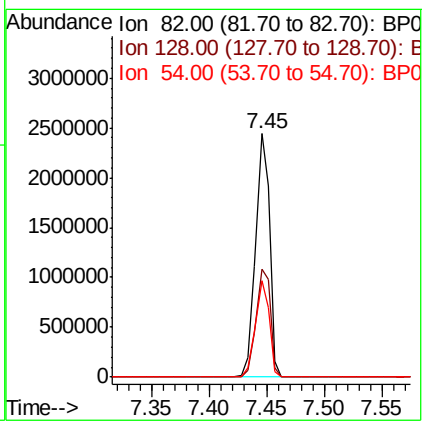


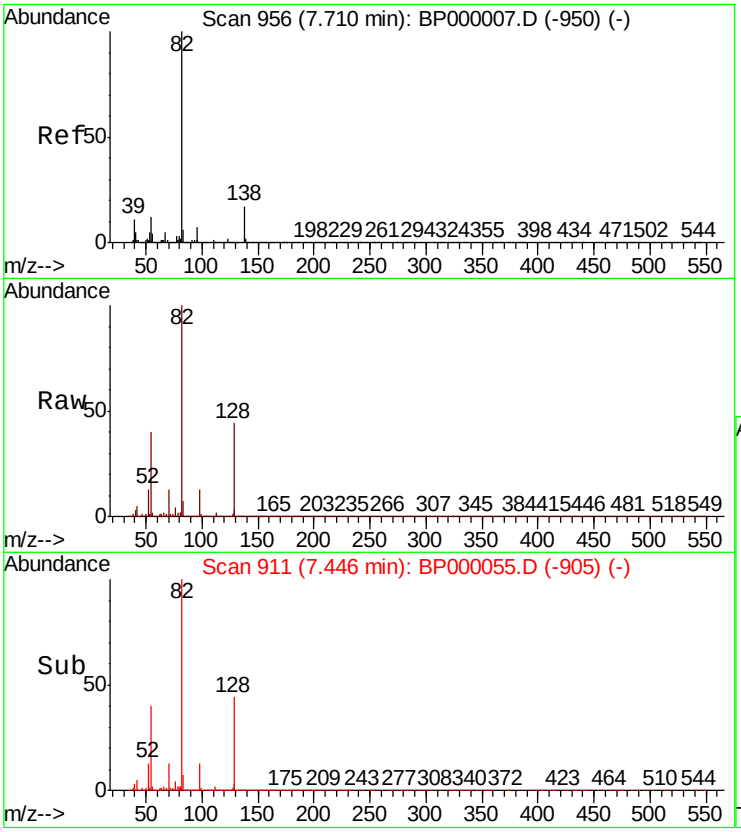




#23
Nitrobenzene-d5
Concen: 71.837 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion: 82 Resp: 2063934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 34.5 | 51.7 |
| 54 | 39.6 | 33.2 | 49.8 |



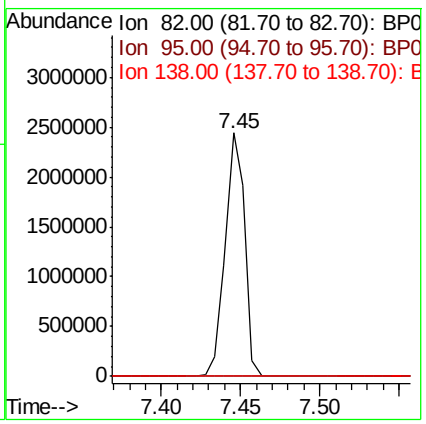


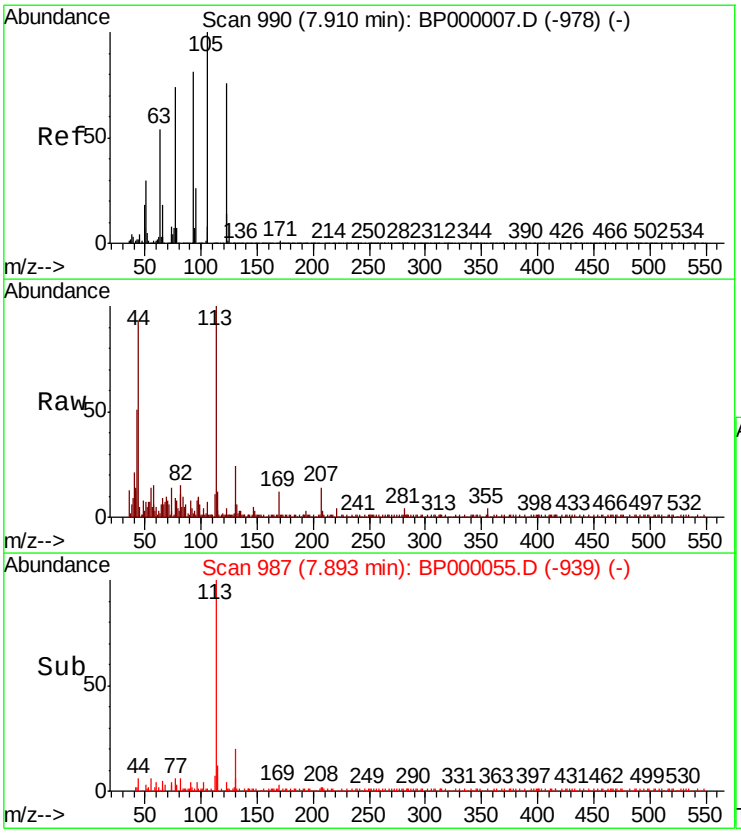

#25
Isophorone
Concen: 33.989 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion: 82 Resp: 2063344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 13.8 | 20.6# |

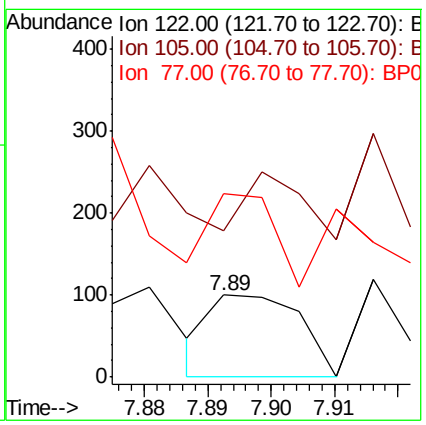


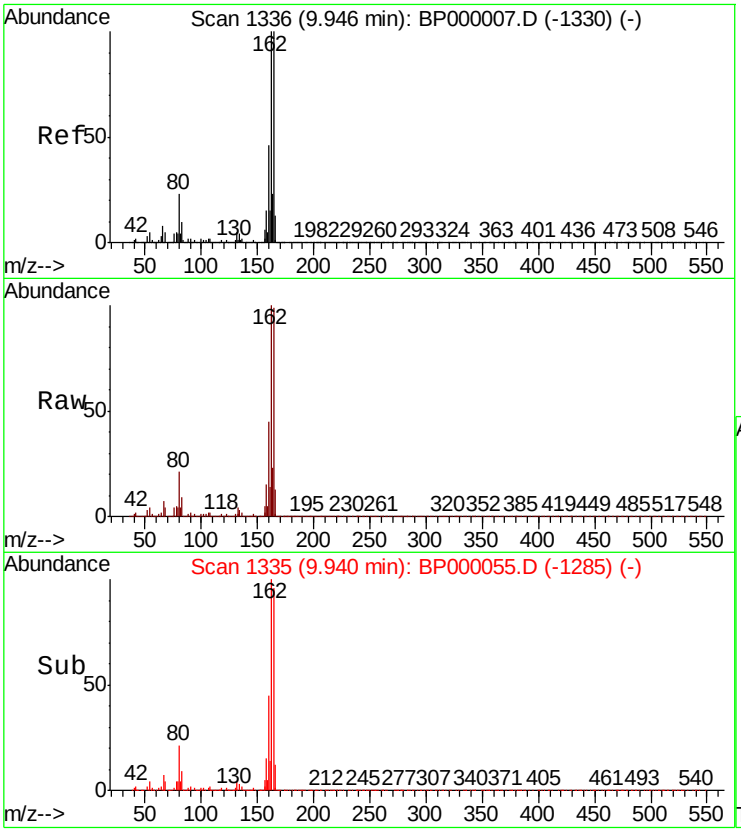




#32
Benzoic acid
Concen: 8.067 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:122 Resp: 98

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 179.0 | 104.6 | 144.6# |
| 77 | 224.0 | 74.1 | 114.1# |



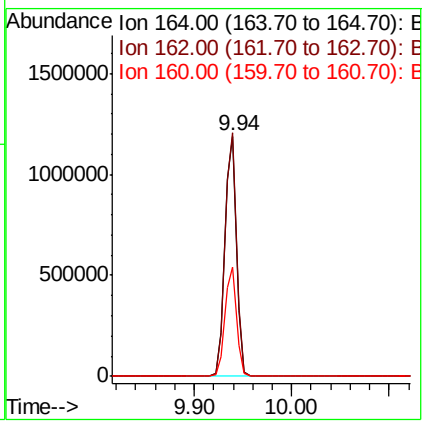


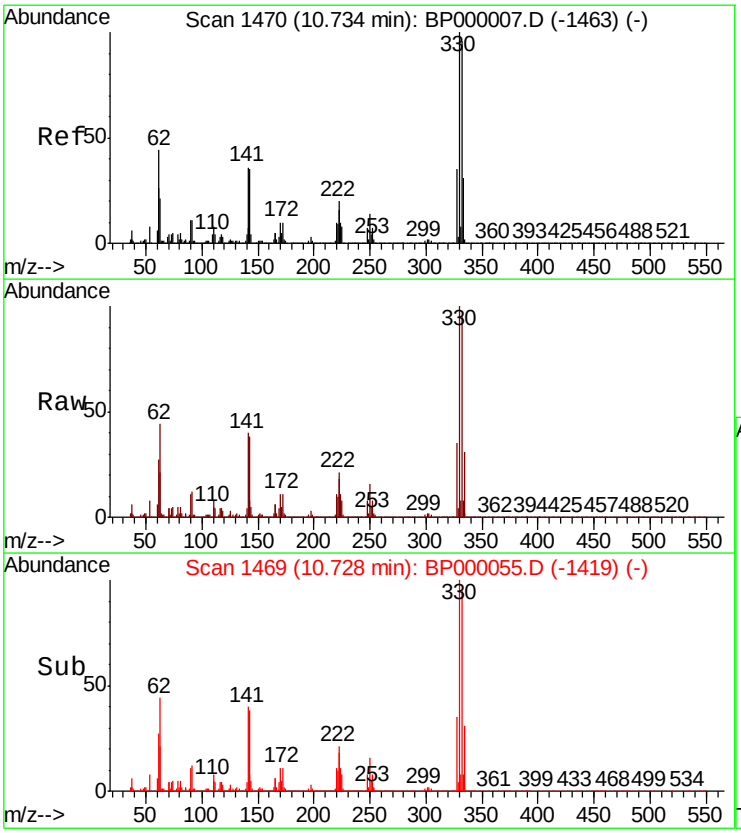

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:164 Resp: 972666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 80.2 | 120.4 |
| 160 | 45.6 | 36.6 | 55.0 |

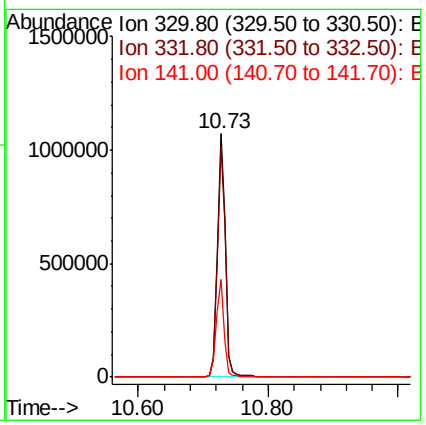


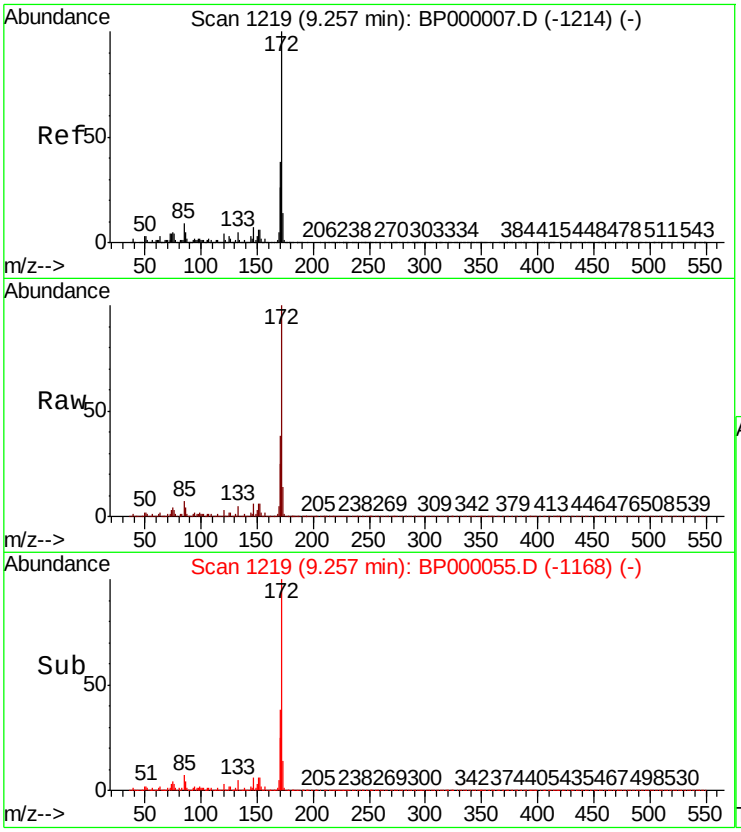




#42
2,4,6-Tribromophenol
Concen: 111.979 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:330 Resp: 918070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 76.8 | 115.2 |
| 141 | 39.3 | 33.6 | 50.4 |



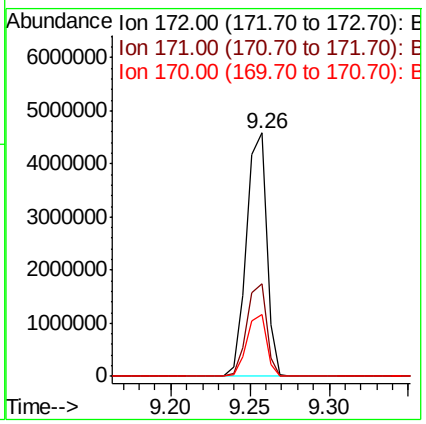


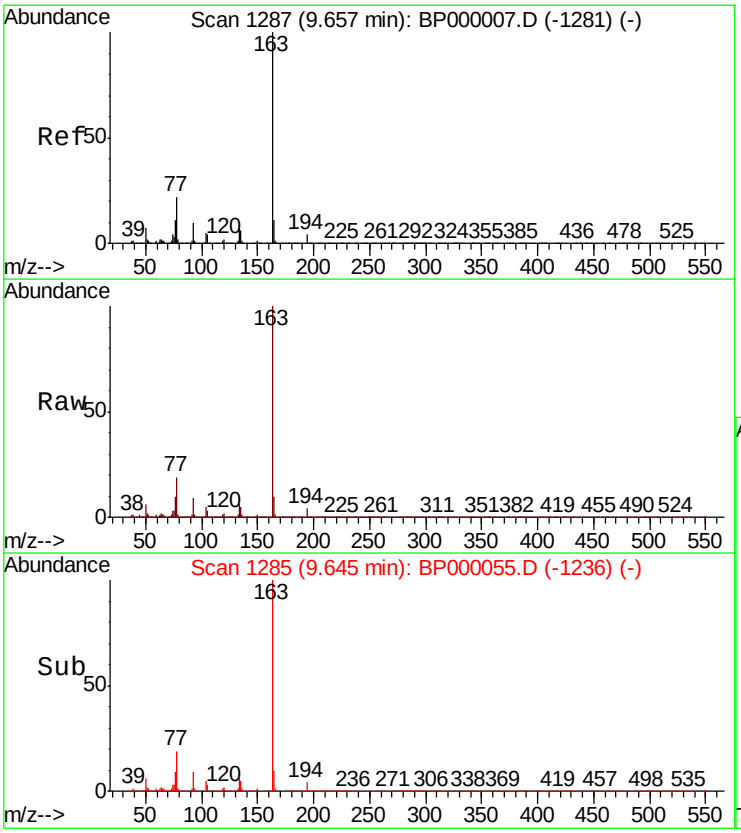

#45
2-Fluorobiphenyl
Concen: 69.686 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:172 Resp: 4058777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 30.7 | 46.1 |
| 170 | 25.2 | 20.7 | 31.1 |

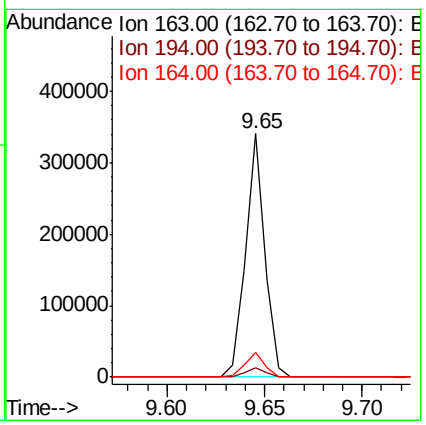


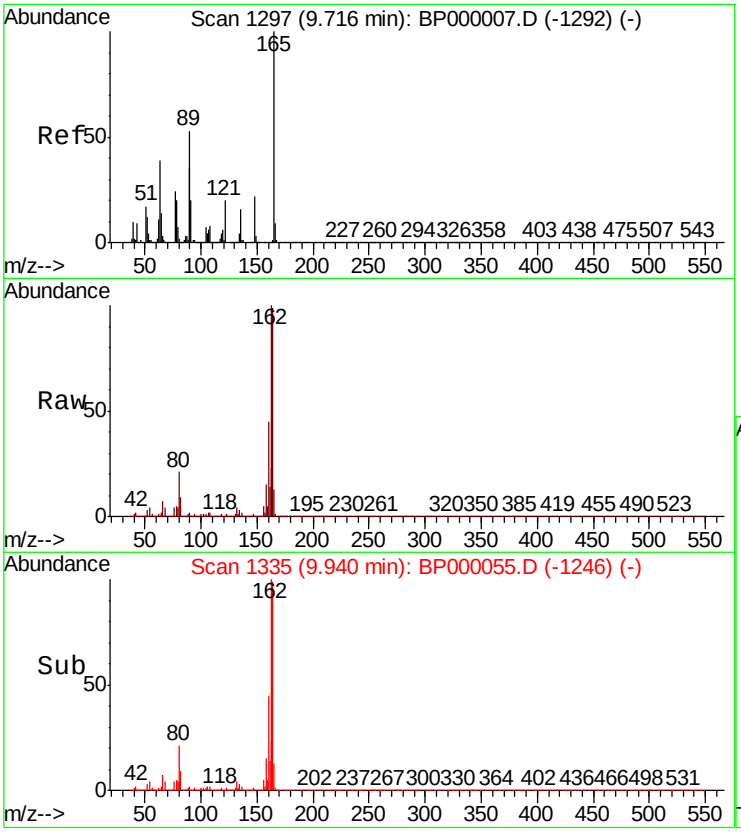




#50
Dimethylphthalate
Concen: 3.505 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:163 Resp: 232310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.0 | 8.4 | 12.6 |



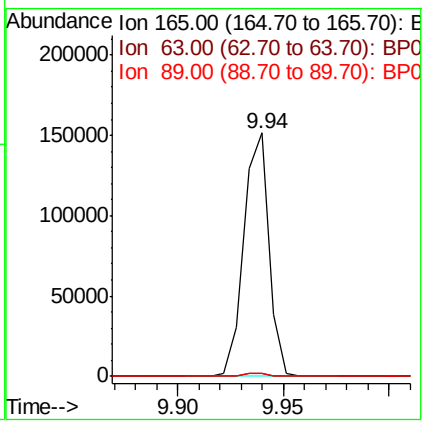


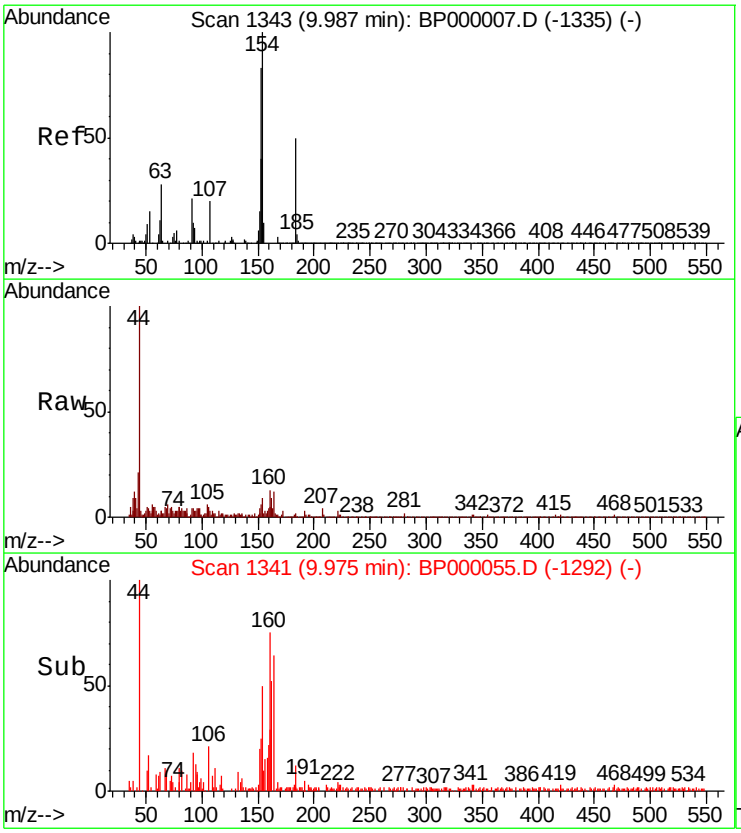

#51
2,6-Dinitrotoluene
Concen: 8.898 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:165 Resp: 125191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 35.8 | 53.6# |
| 89 | 1.2 | 42.2 | 63.4# |

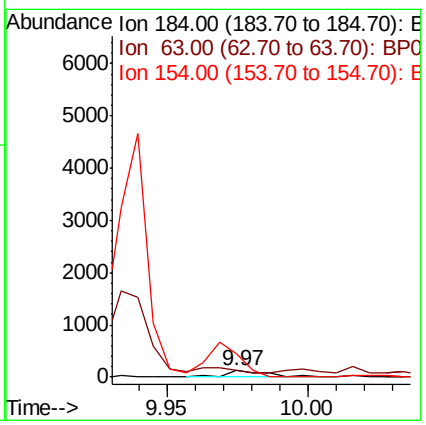


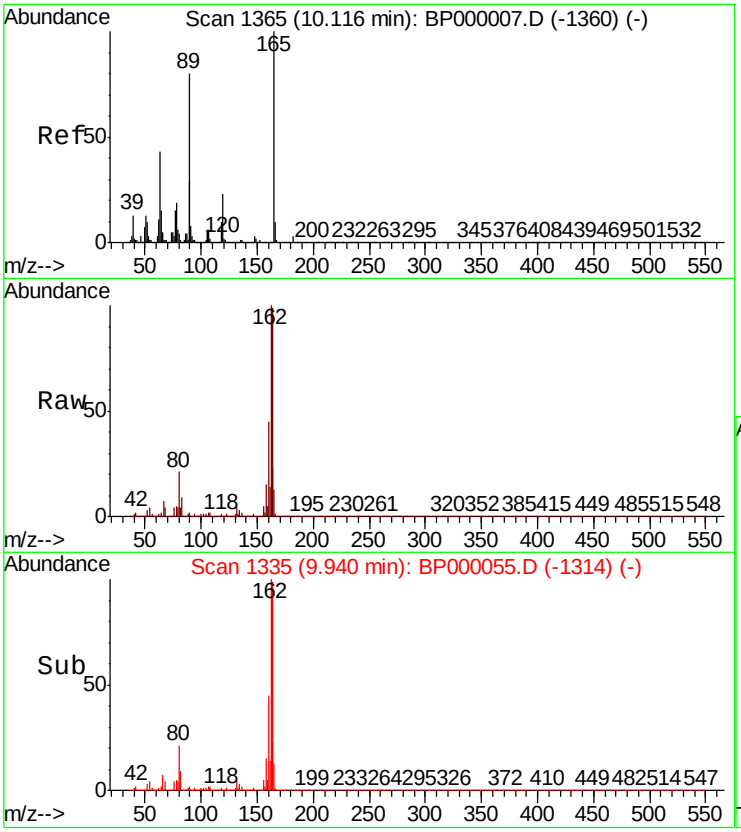




#54
2,4-Dinitrophenol
Concen: 8.671 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:184 Resp: 135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 100.8 | 46.0 | 69.0# |
| 154 | 368.0 | 161.9 | 242.9# |



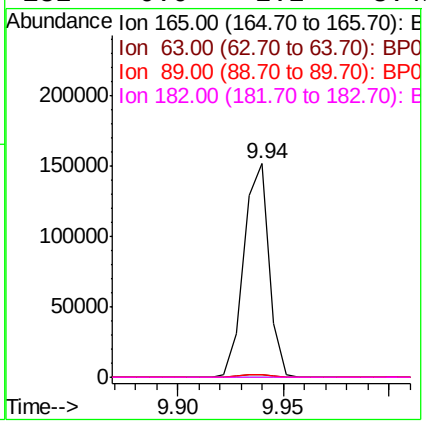


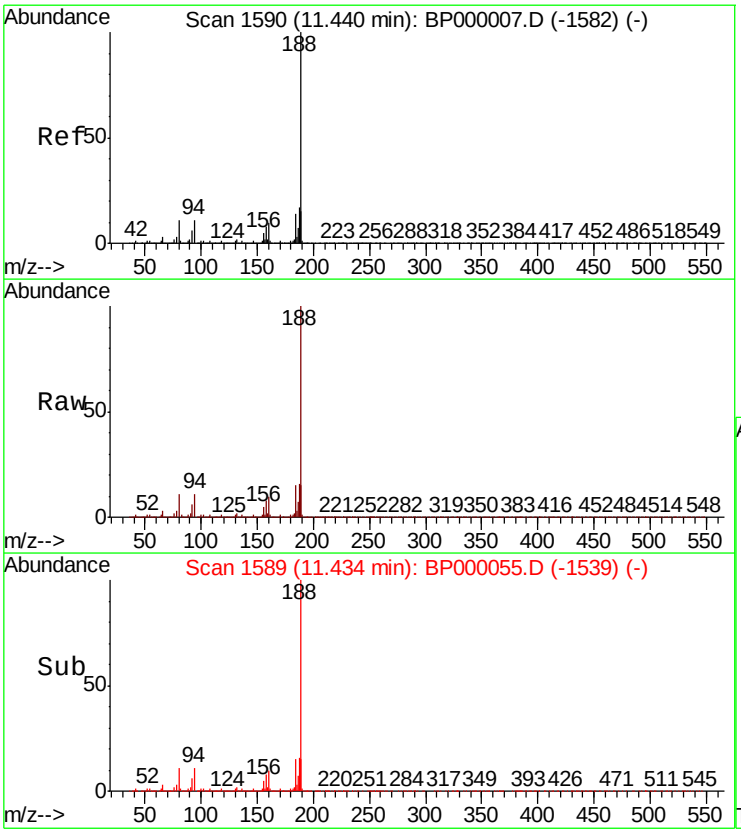

#57
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:165 Resp: 125191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 34.4 | 51.6# |
| 89 | 1.2 | 64.3 | 96.5# |
| 182 | 0.0 | 2.2 | 3.4# |

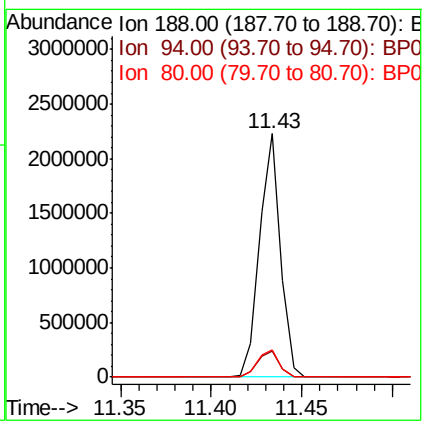


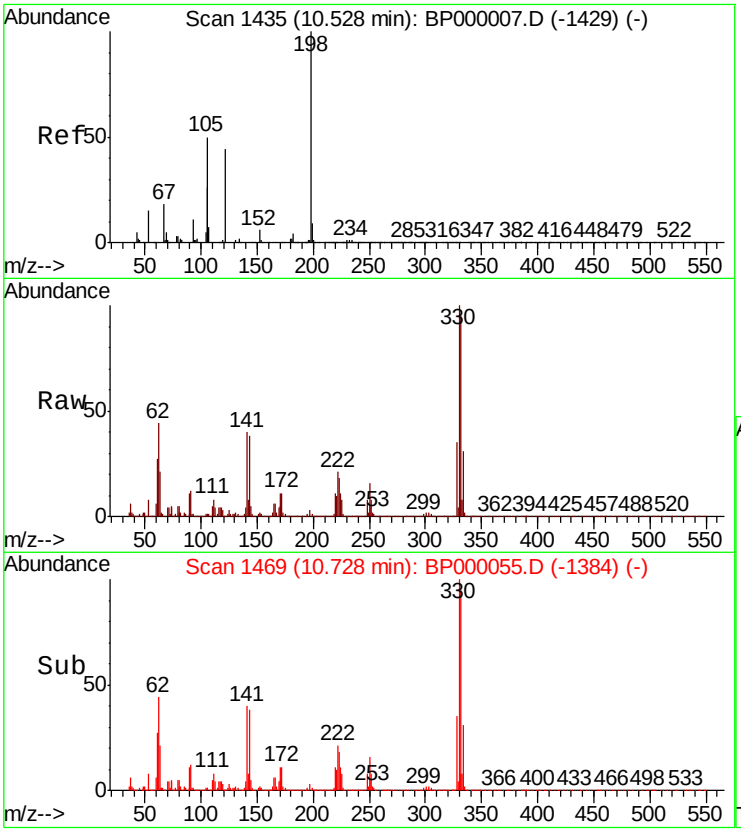




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:188 Resp: 1782954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.8 | 13.2 |
| 80 | 11.2 | 9.0 | 13.6 |



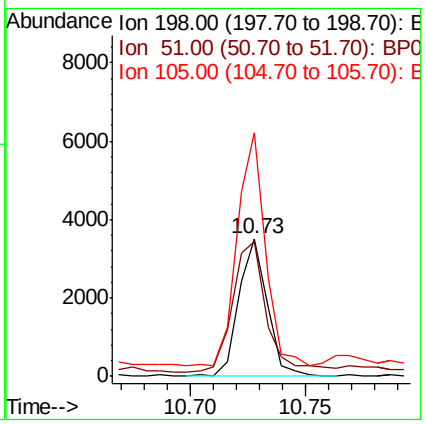


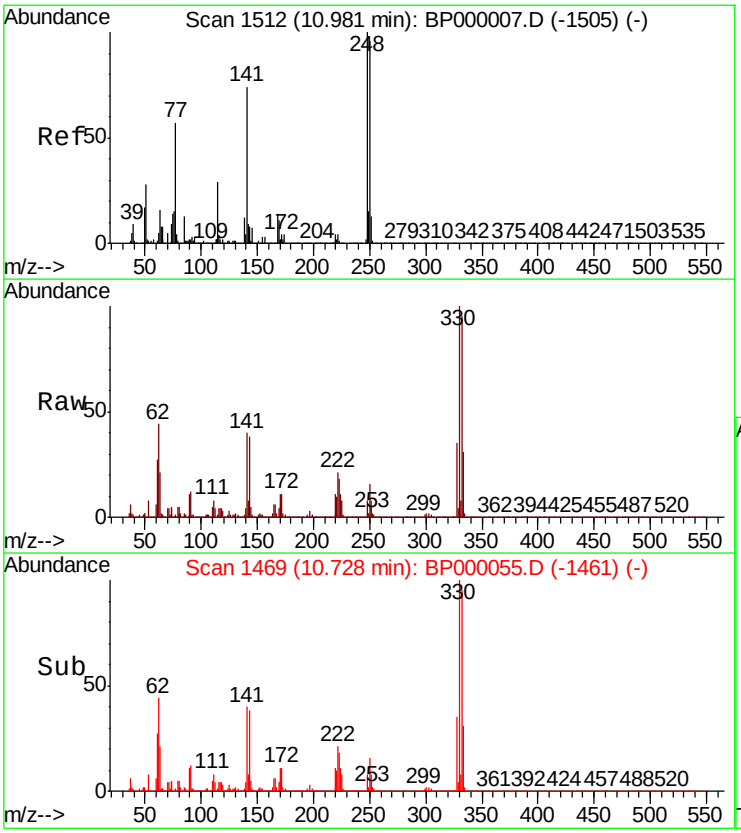

#65
4,6-Dinitro-2-methylphenol
Concen: 8.095 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.20 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:198 Resp: 3029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 98.1 | 22.1 | 62.1# |
| 105 | 176.5 | 32.0 | 72.0# |

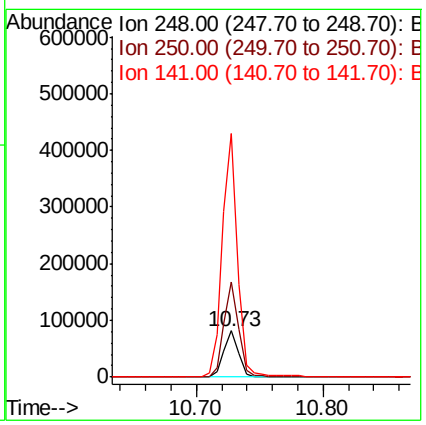


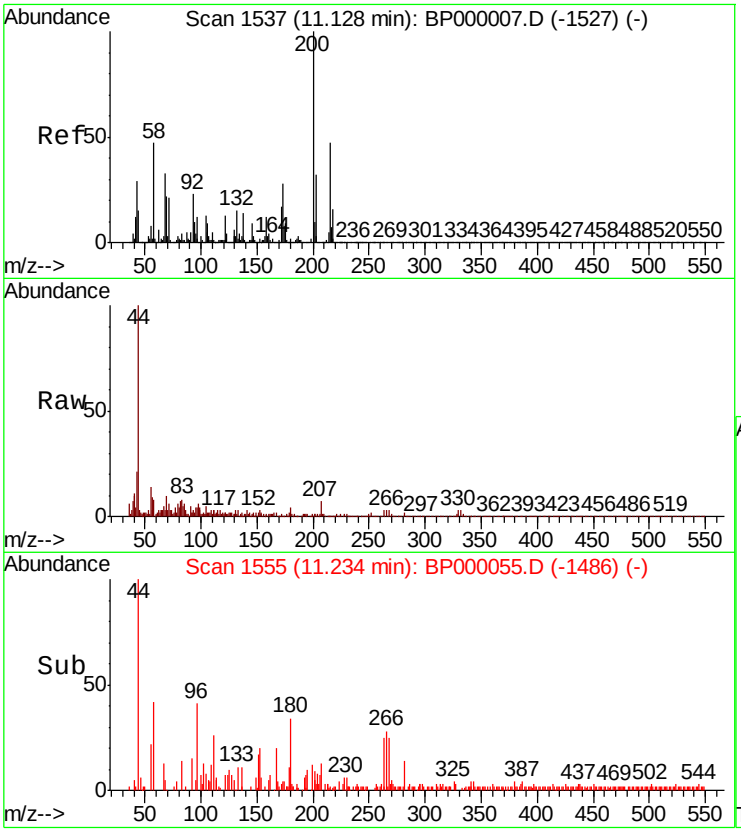




#67
4-Bromophenyl-phenylether
Concen: 3.662 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:248 Resp: 66348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 205.0 | 77.1 | 115.7# |
| 141 | 528.0 | 59.5 | 89.3# |



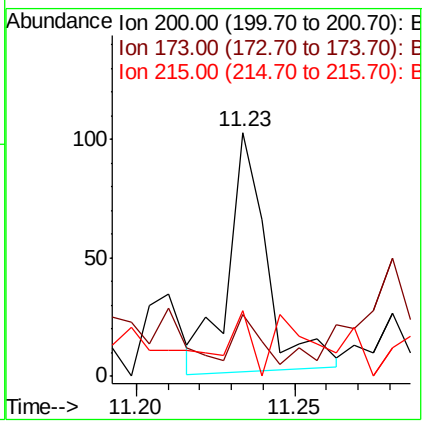


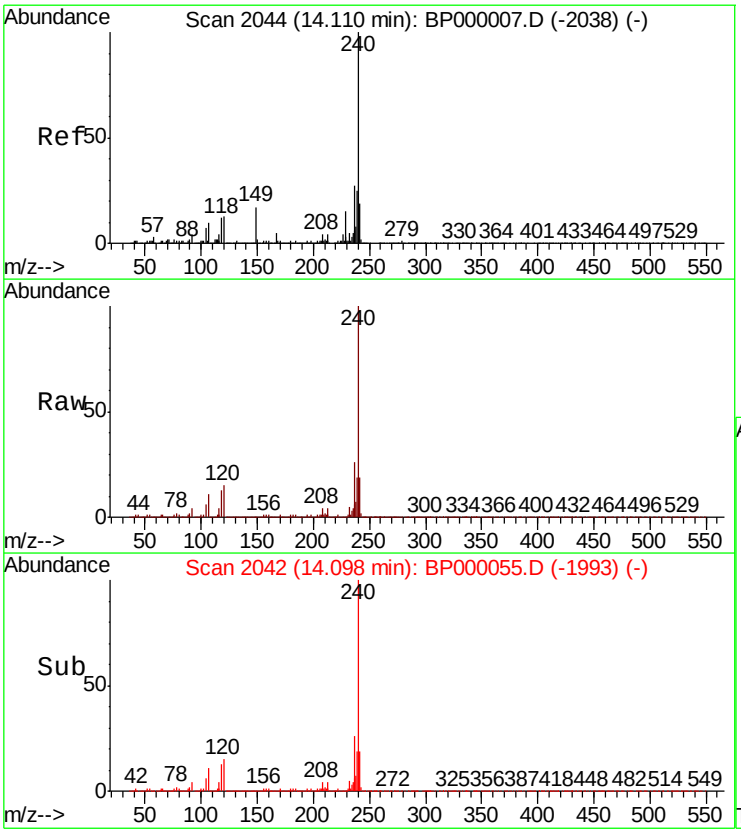

#69
Atrazine
Concen: Below Cal
RT: 11.23 min Scan# 1555
Delta R.T. 0.11 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:200 Resp: 85

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.2 | 8.1 | 48.1 |
| 215 | 27.2 | 26.7 | 66.7 |

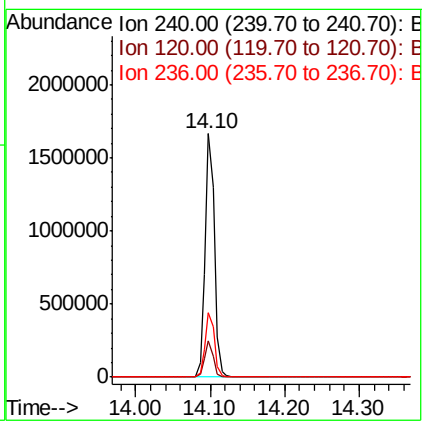


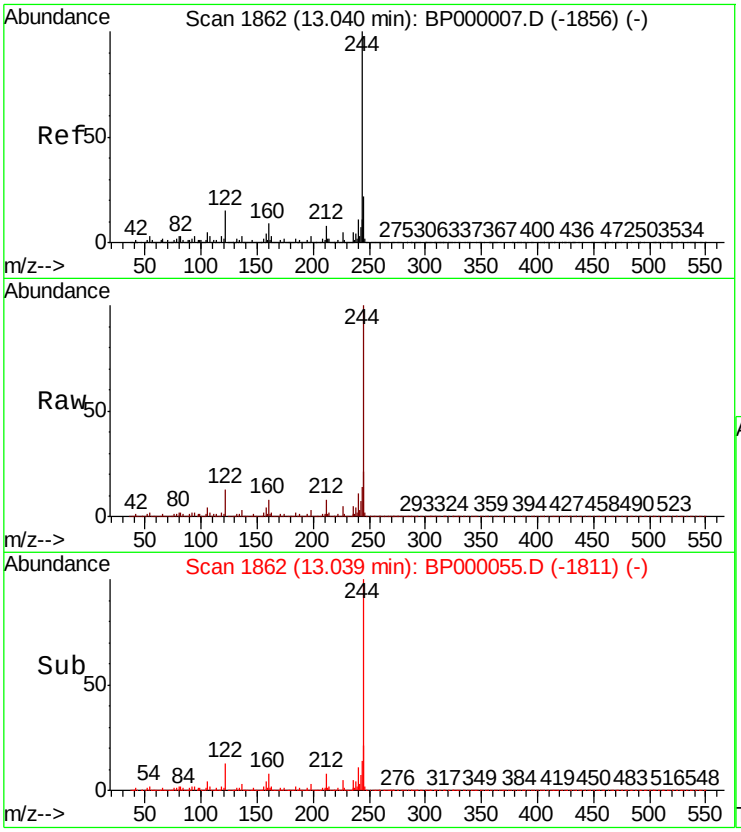




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:240 Resp: 1456002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.1 | 10.5 | 15.7 |
| 236 | 26.2 | 21.5 | 32.3 |



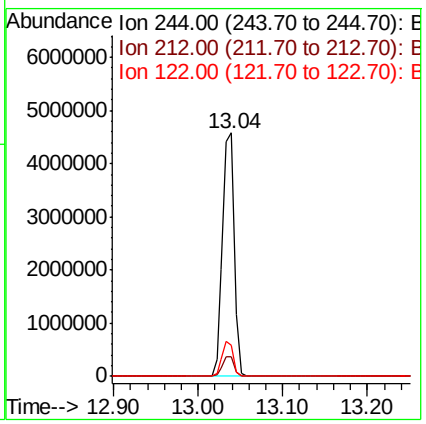


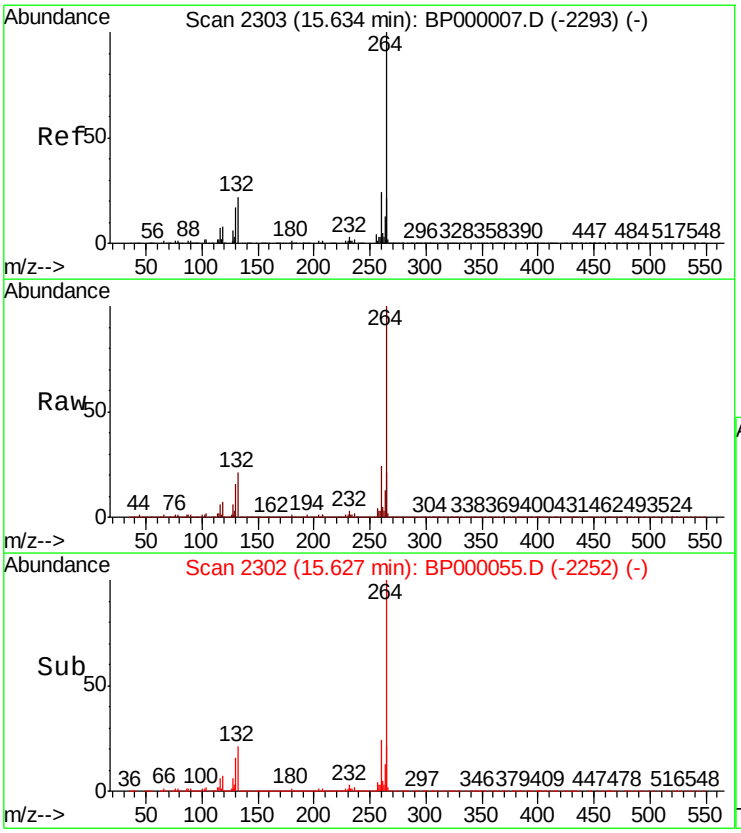

#79
Terphenyl-d14
Concen: 66.671 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

**Instrument :**
BNA_P
**ClientSampleId :**

Tgt Ion:244 Resp: 4453678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.6 | 10.0 |
| 122 | 12.6 | 12.3 | 18.5 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000055.D
Acq: 04 Sep 2019 10:32

Tgt Ion:264 Resp: 1523949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.1 | 28.7 |
| 265 | 21.3 | 17.1 | 25.7 |