Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000856.D
Acq On : 17 Oct 2019 23:51
Operator : JU
Sample : K5393-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** T-9-U1-U3-(0-28)

Quant Time: Oct 18 06:14:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 235923 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.03 | 136 | 805295 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 399446 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.29 | 188 | 663766 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 13.97 | 240 | 519082 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.46 | 264 | 621677 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 1273614 | 86.78 | ng | | -0.01 |
| 7) Phenol-d6 | 6.40 | 99 | 1571390 | 88.85 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 878714 | 66.64 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.59 | 330 | 412482 | 96.90 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.12 | 172 | 1750500 | 70.91 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1640137 | 63.98 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.41 | 94 | 72301 | 3.993 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 109131 | 13.387 | ng | # | 73 |
| 25) Isophorone | 7.31 | 82 | 877821 | 37.512 | ng | # | 61 |
| 31) Naphthalene | 8.05 | 128 | 153754 | 4.088 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.75 | 142 | 71033 | 2.813 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.85 | 142 | 49759 | 2.086 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.63 | 237 | 9 | 7.299 | ng | | 80 |
| 49) Acenaphthylene | 9.66 | 152 | 72505 | 2.061 | ng | | 99 |
| 50) Dimethylphthalate | 9.51 | 163 | 309710 | 11.159 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.80 | 165 | 54472 | 6.788 | ng | # | 32 |
| 67) 4-Bromophenyl-phenylether | 10.59 | 248 | 27879 | 3.731 | ng | # | 1 |
| 71) Phenanthrene | 11.32 | 178 | 918074 | 27.540 | ng | | 100 |
| 72) Anthracene | 11.37 | 178 | 163354 | 4.942 | ng | | 99 |
| 73) Carbazole | 11.53 | 167 | 77807 | 2.539 | ng | | 99 |
| 75) Fluoranthene | 12.53 | 202 | 1882224 | 50.273 | ng | | 99 |
| 78) Pyrene | 12.76 | 202 | 1679158 | 46.903 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 937172 | 29.590 | ng | | 96 |
| 83) Chrysene | 14.00 | 228 | 961464 | 30.930 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 72924 | 3.717 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 16.93 | 276 | 714086 | 18.390 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 15.03 | 252 | 1883454 | 53.402 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 1883454 | 56.092 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.40 | 252 | 944249 | 28.720 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.10 | 278 | 112514 | 3.529 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.38 | 276 | 722288 | 22.292 | ng | | 97 |

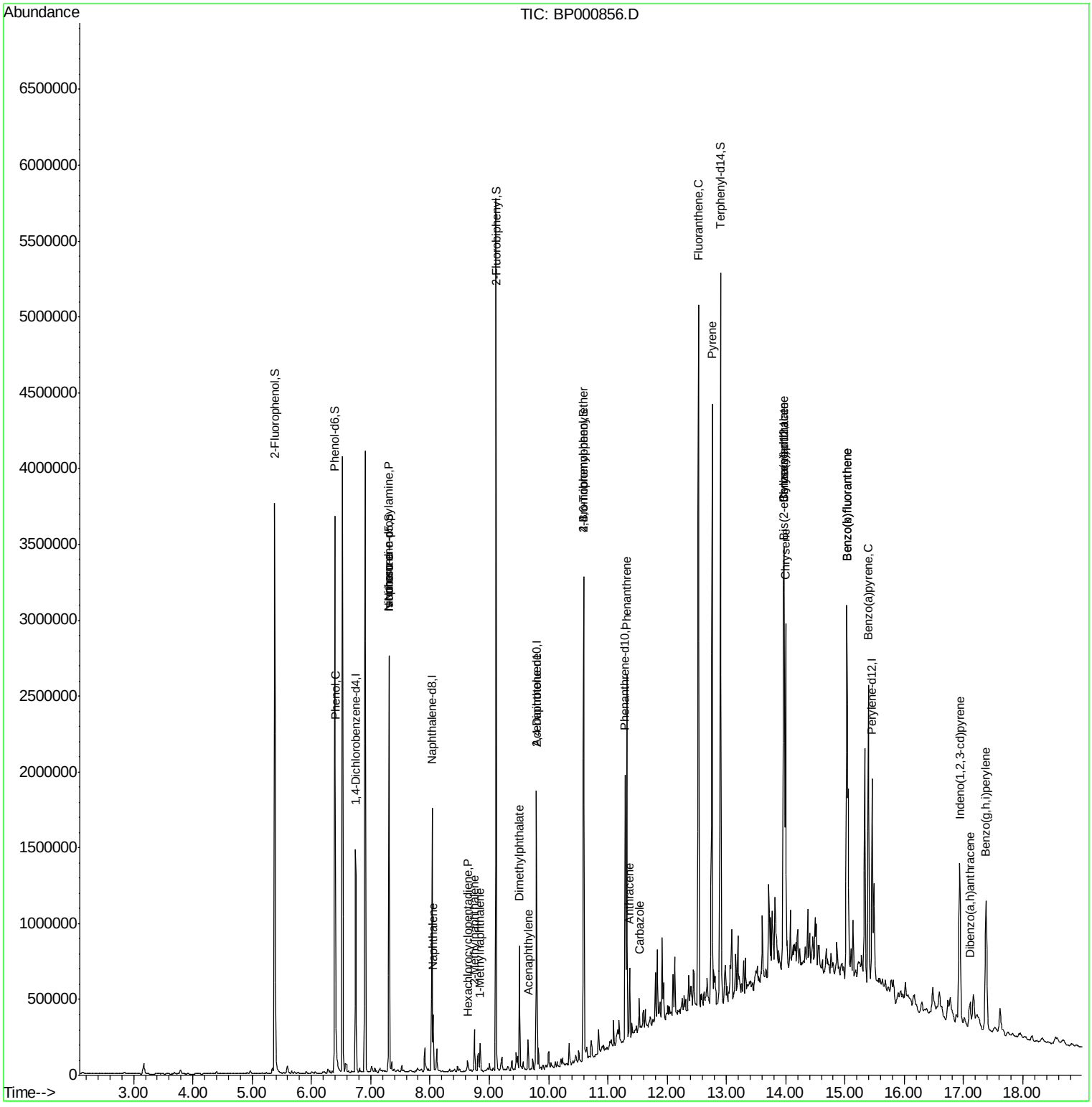
(#) = qualifier out of range (m) = manual integration (+) = signals summed

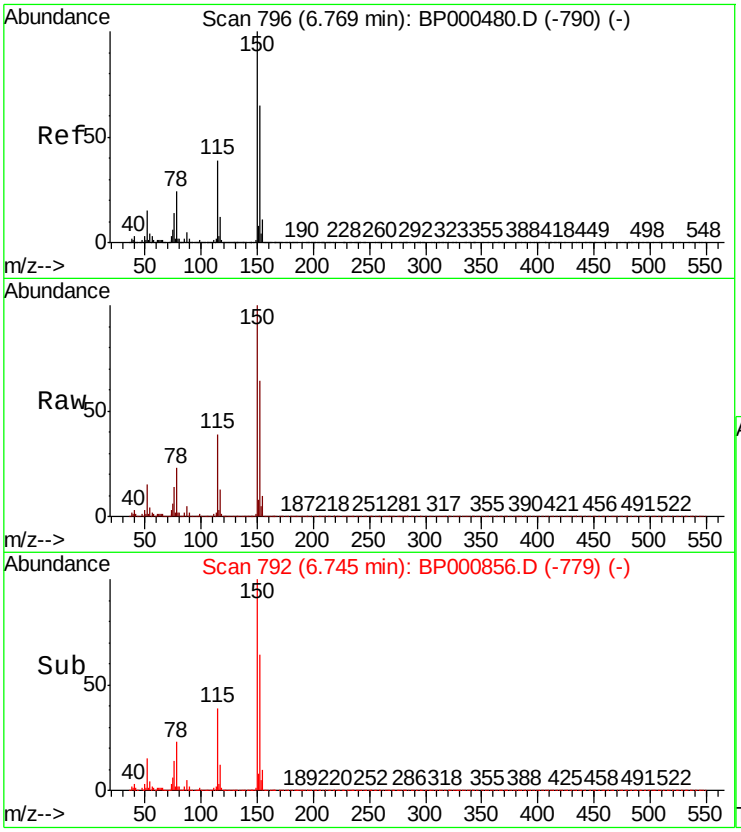
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000856.D
Acq On : 17 Oct 2019 23:51
Operator : JU
Sample : K5393-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Quant Time: Oct 18 06:14:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



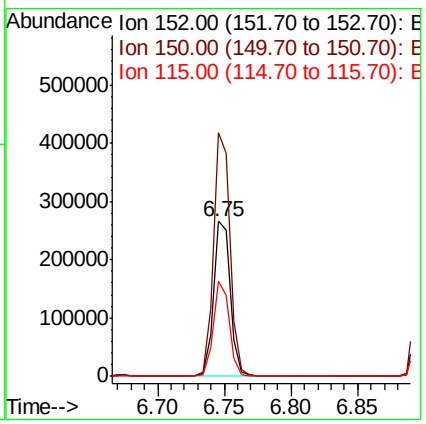


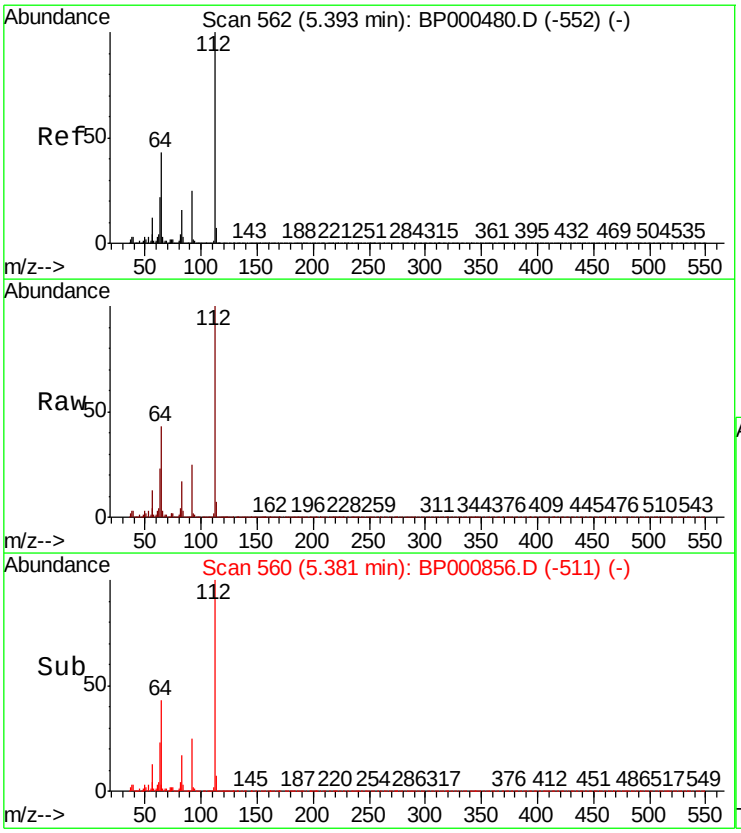

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:152 Resp: 235923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 124.1 | 186.1 |
| 115 | 61.3 | 48.7 | 73.1 |

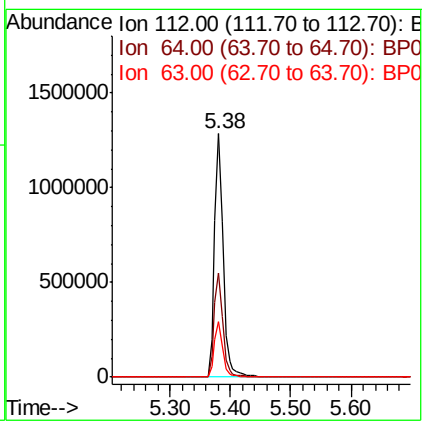


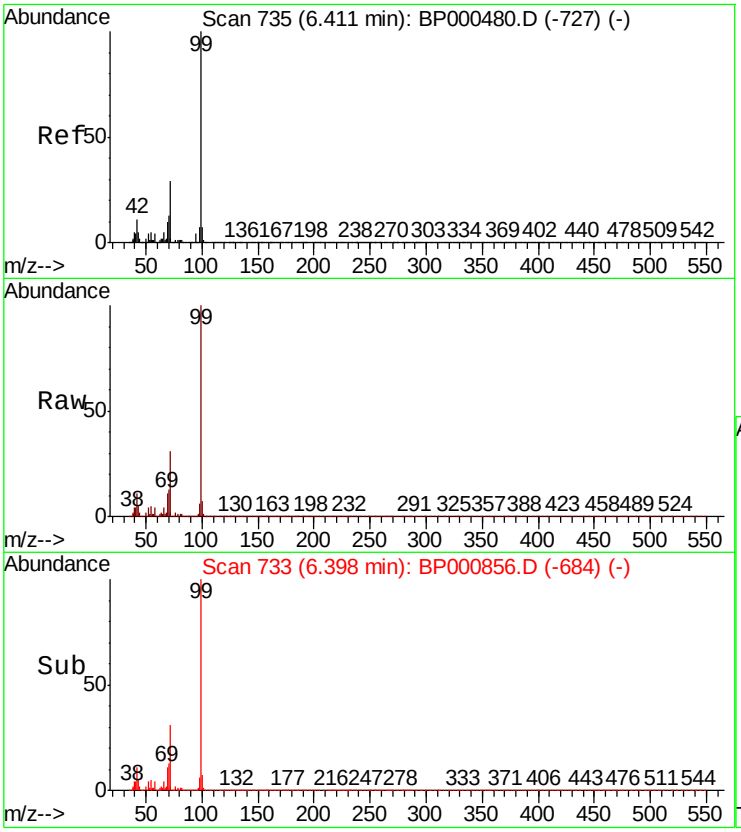




#5
2-Fluorophenol
Concen: 86.777 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:112 Resp: 1273614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 42.9 | 34.2 | 51.4 |
| 63 | 22.7 | 17.9 | 26.9 |



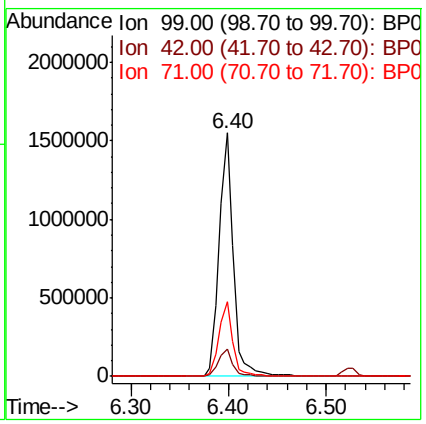


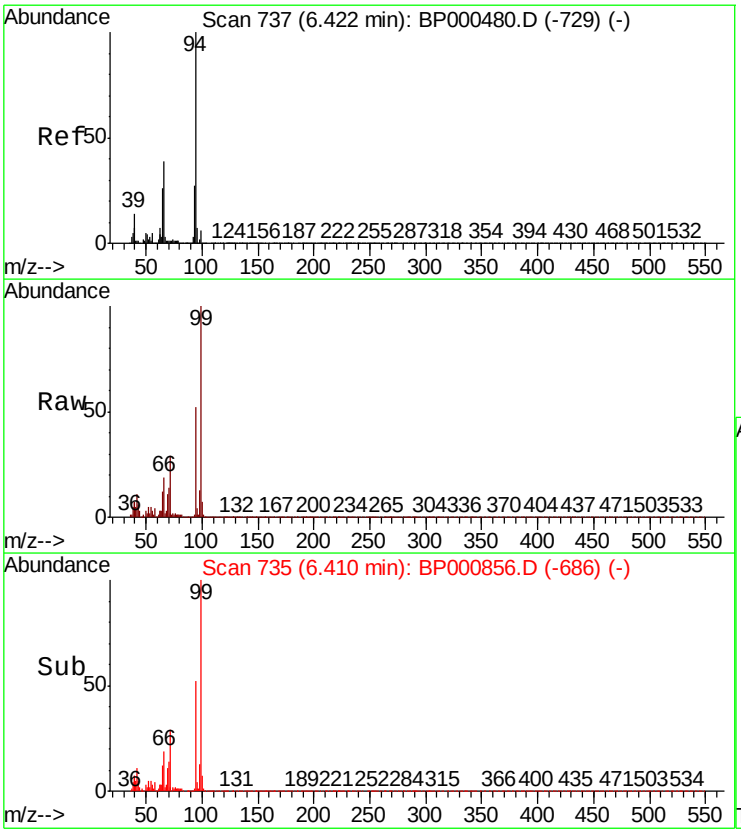

#7
Phenol-d6
Concen: 88.848 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion: 99 Resp: 1571390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.0 | 8.6 | 12.8 |
| 71 | 30.6 | 23.0 | 34.4 |

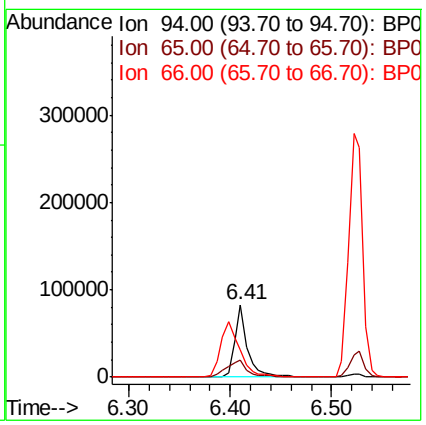


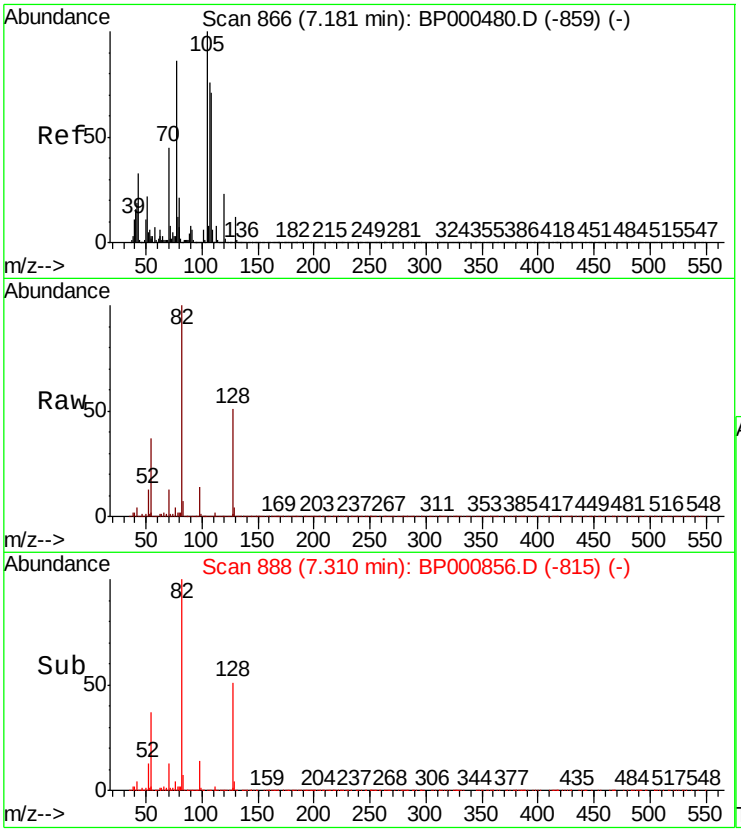




#10
Phenol
Concen: 3.993 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion: 94 Resp: 72301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 23.4 | 5.9 | 45.9 |
| 66 | 37.6 | 18.8 | 58.8 |



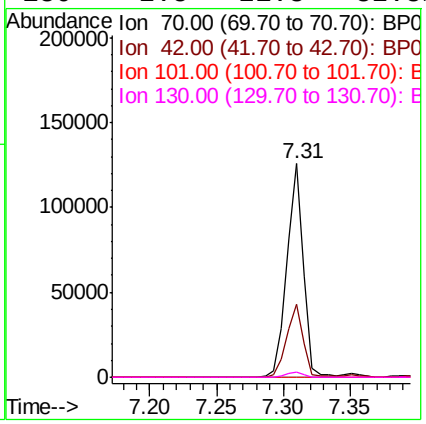


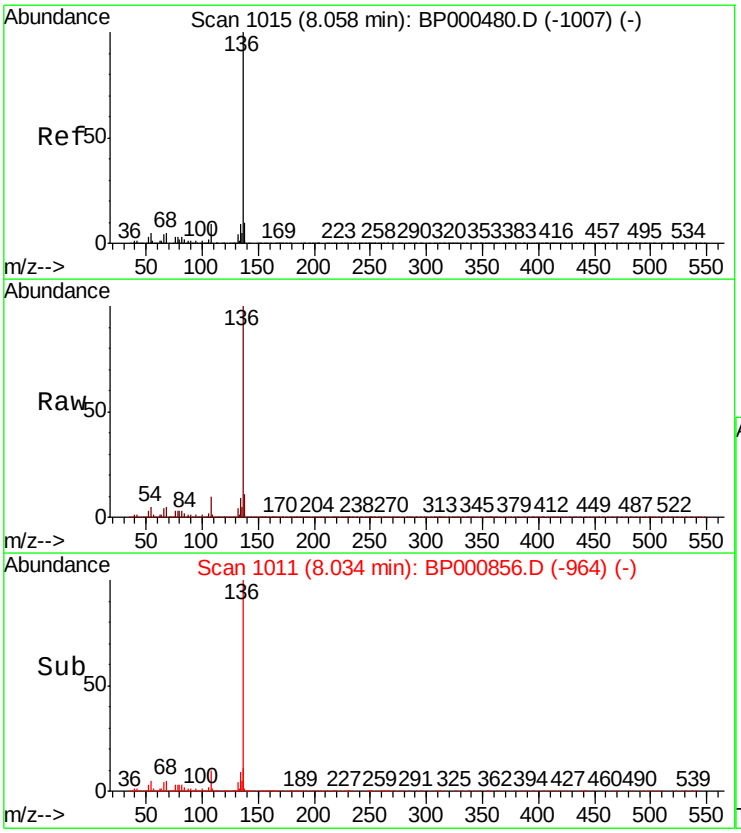

#19
n-Nitroso-di-n-propylamine
Concen: 13.387 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion: 70 Resp: 109131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 34.2 | 33.2 | 49.8 |
| 101 | 0.0 | 9.9 | 14.9# |
| 130 | 2.5 | 21.8 | 32.8# |

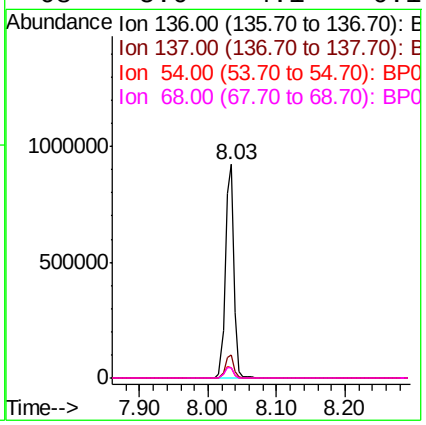


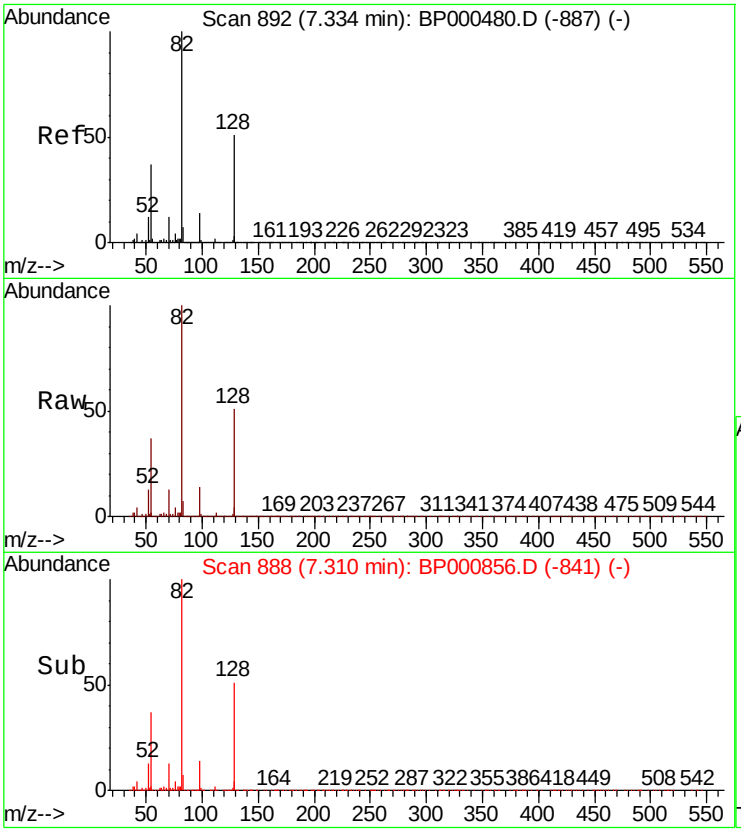




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:136 Resp: 805295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.2 | 12.4 |
| 54 | 5.0 | 4.1 | 6.1 |
| 68 | 5.0 | 4.1 | 6.1 |



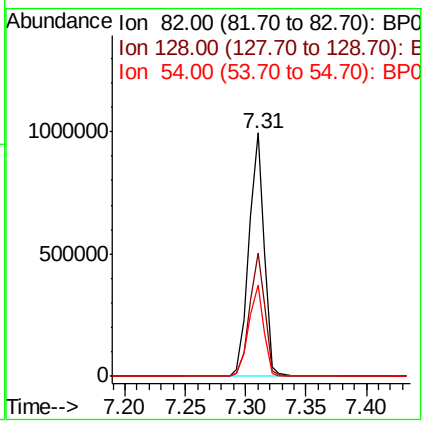


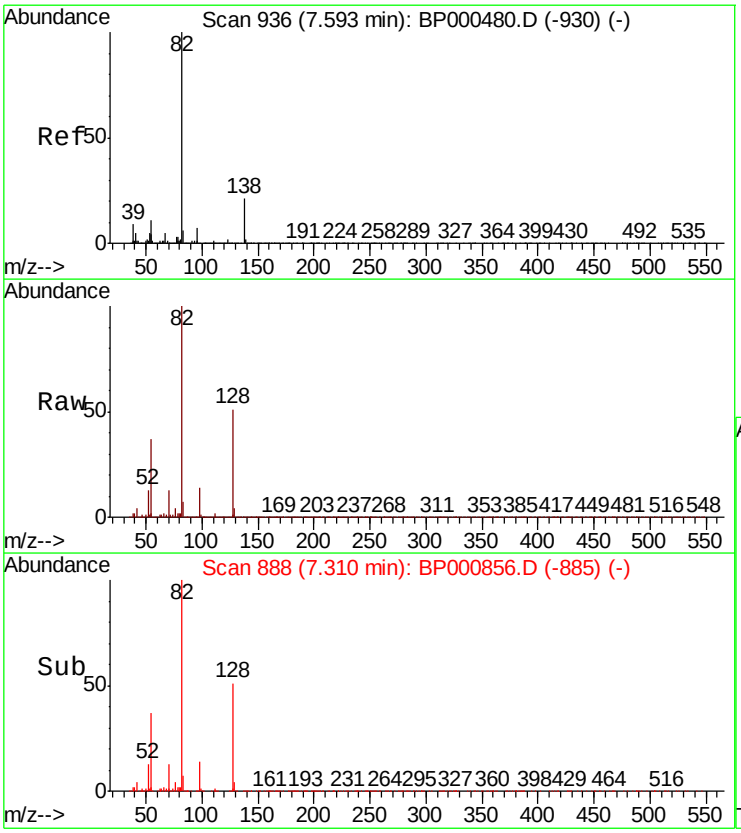

#23
Nitrobenzene-d5
Concen: 66.644 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion: 82 Resp: 878714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.6 | 40.9 | 61.3 |
| 54 | 37.5 | 29.4 | 44.2 |

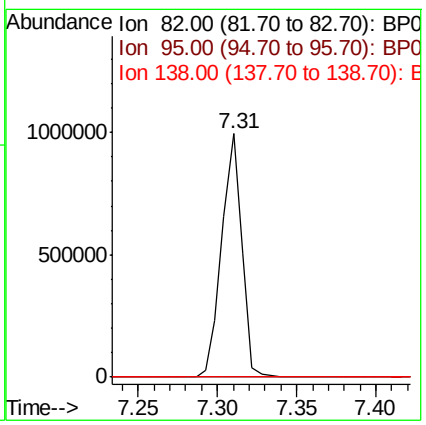


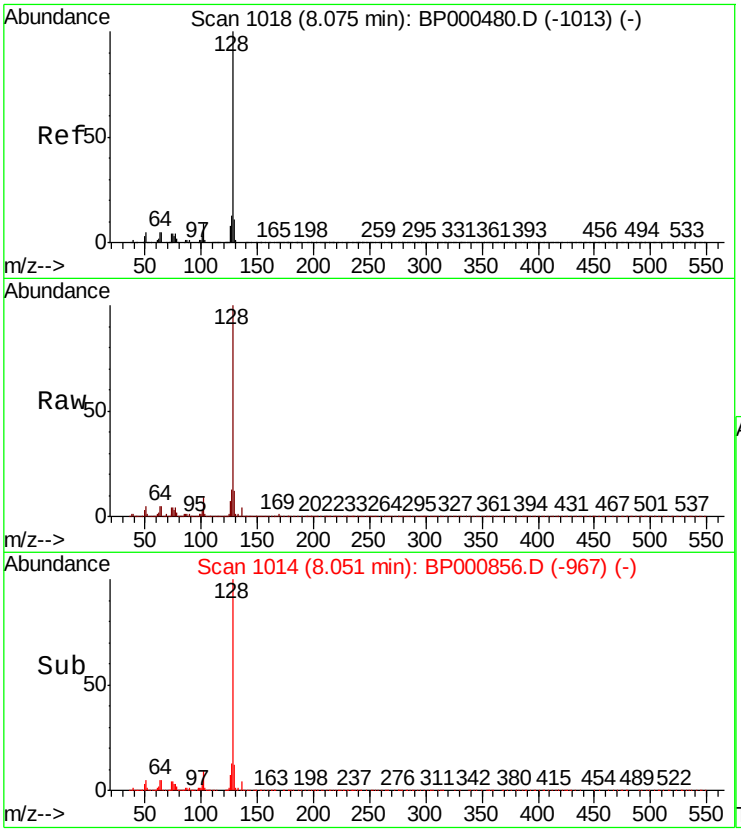




#25
Isophorone
Concen: 37.512 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion: 82 Resp: 877821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.6# |
| 138 | 0.0 | 17.0 | 25.4# |



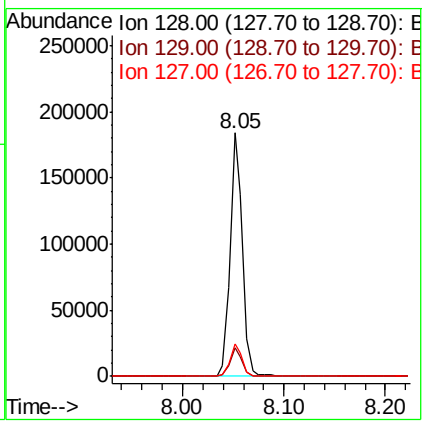


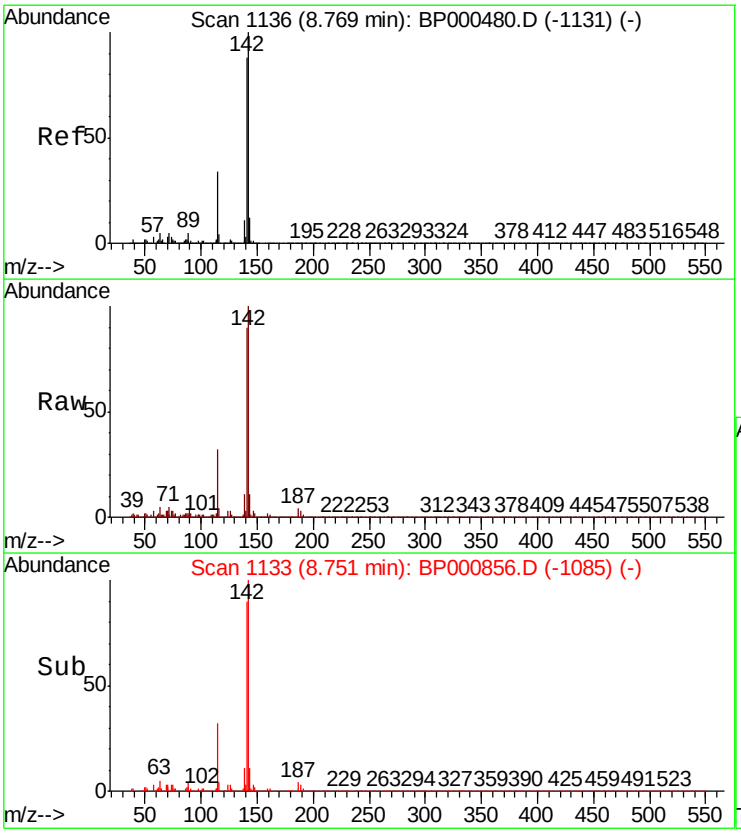

#31
Naphthalene
Concen: 4.088 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:128 Resp: 153754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.0 | 13.6 |
| 127 | 13.2 | 10.5 | 15.7 |

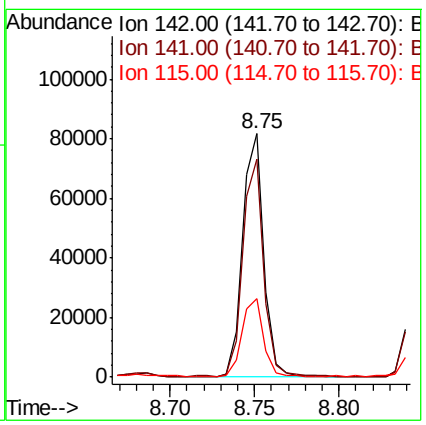


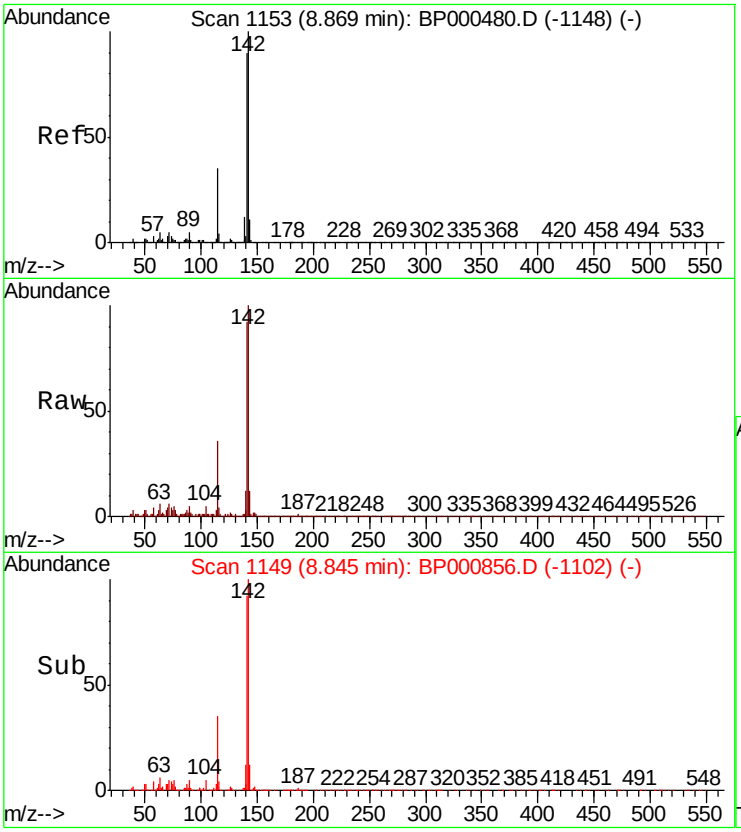




#37
2-Methylnaphthalene
Concen: 2.813 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:142 Resp: 71033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.7 | 70.6 | 106.0 |
| 115 | 32.3 | 27.4 | 41.0 |

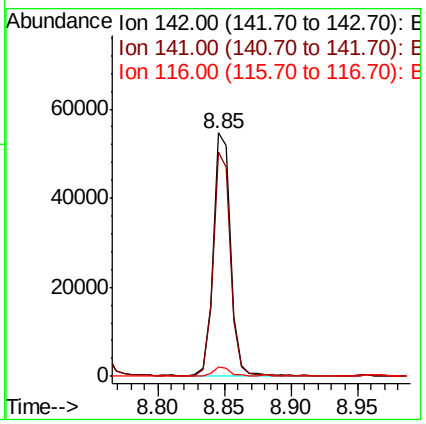




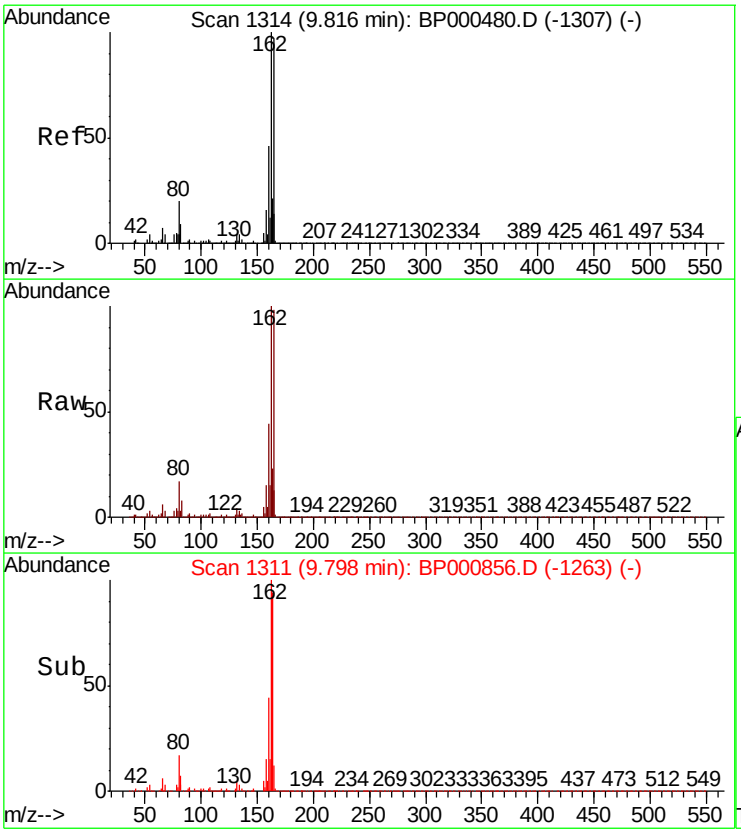

#38
1-Methylnaphthalene
Concen: 2.086 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:142 Resp: 49759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 71.9 | 107.9 |
| 116 | 4.0 | 3.0 | 4.4 |



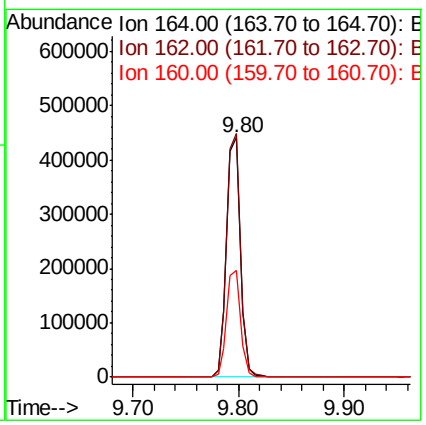

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

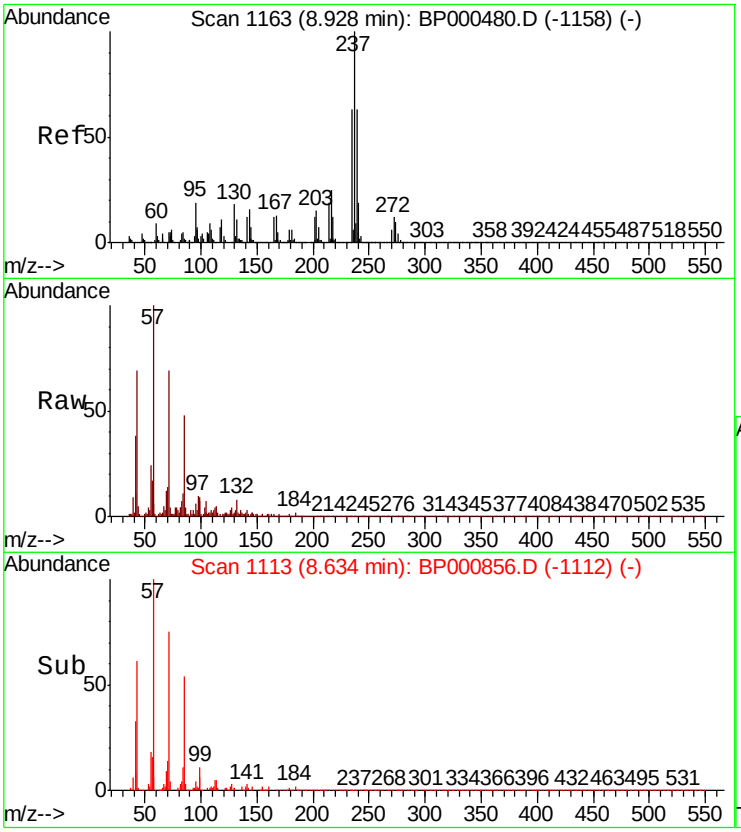



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:164 Resp: 399446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 82.2 | 123.2 |
| 160 | 44.5 | 37.6 | 56.4 |



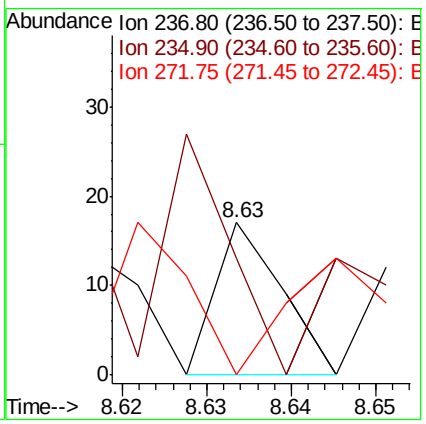


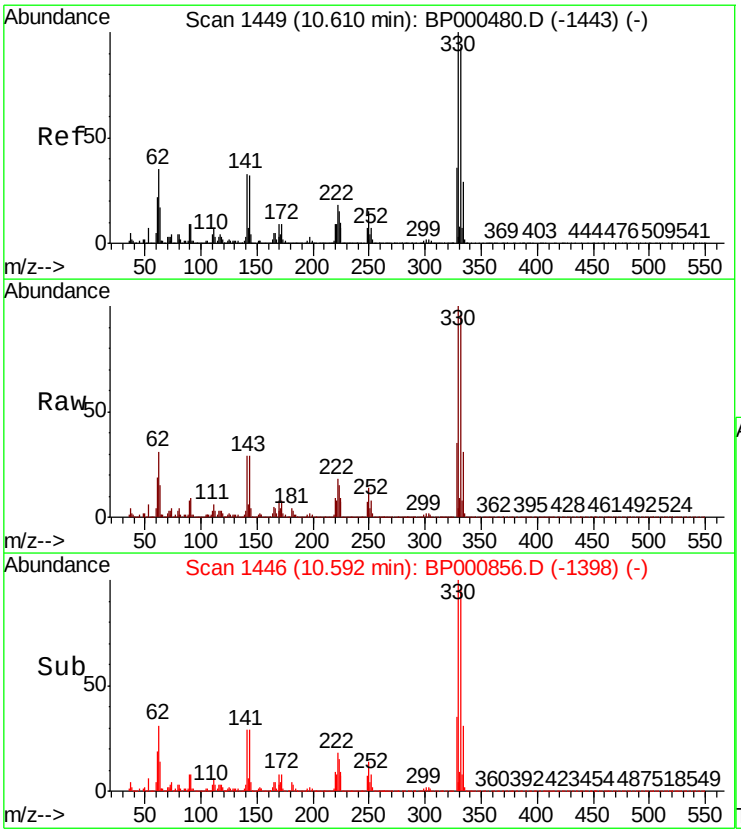

#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.29 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:237 Resp: 9

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 76.5 | 42.9 | 82.9 |
| 272 | 0.0 | 0.0 | 32.4 |

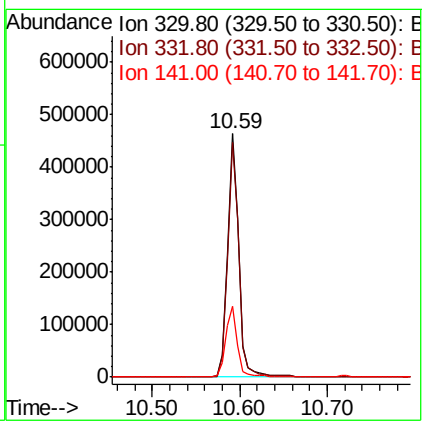


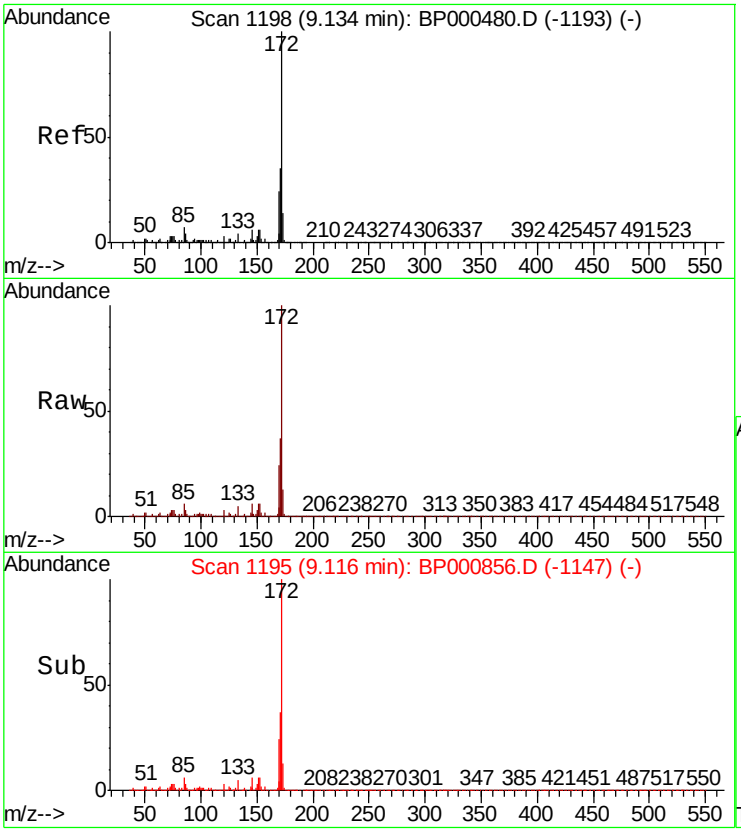




#42
2,4,6-Tribromophenol
Concen: 96.905 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:330 Resp: 412482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.1 | 115.7 |
| 141 | 29.4 | 26.0 | 39.0 |



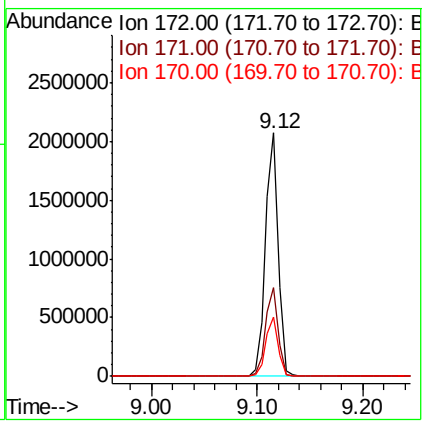


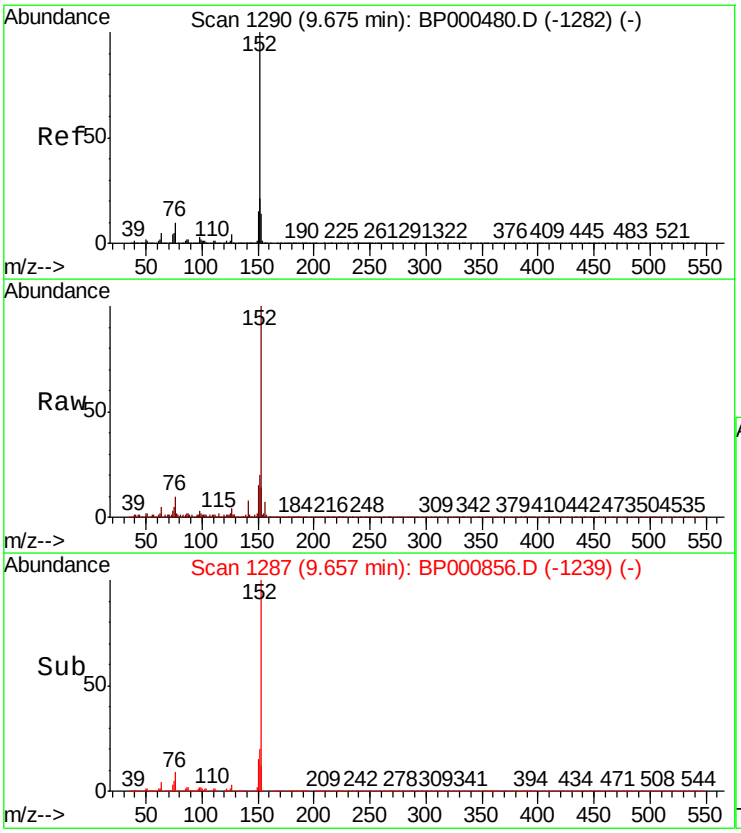

#45
2-Fluorobiphenyl
Concen: 70.906 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:172 Resp: 1750500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 28.4 | 42.6 |
| 170 | 24.3 | 19.1 | 28.7 |

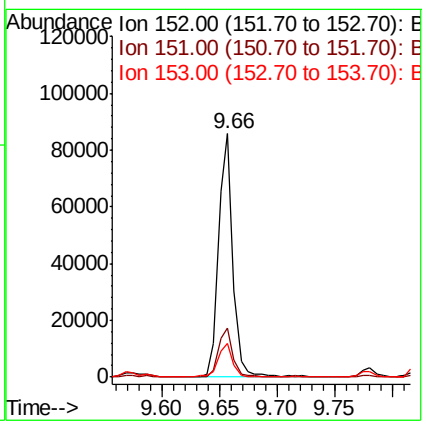


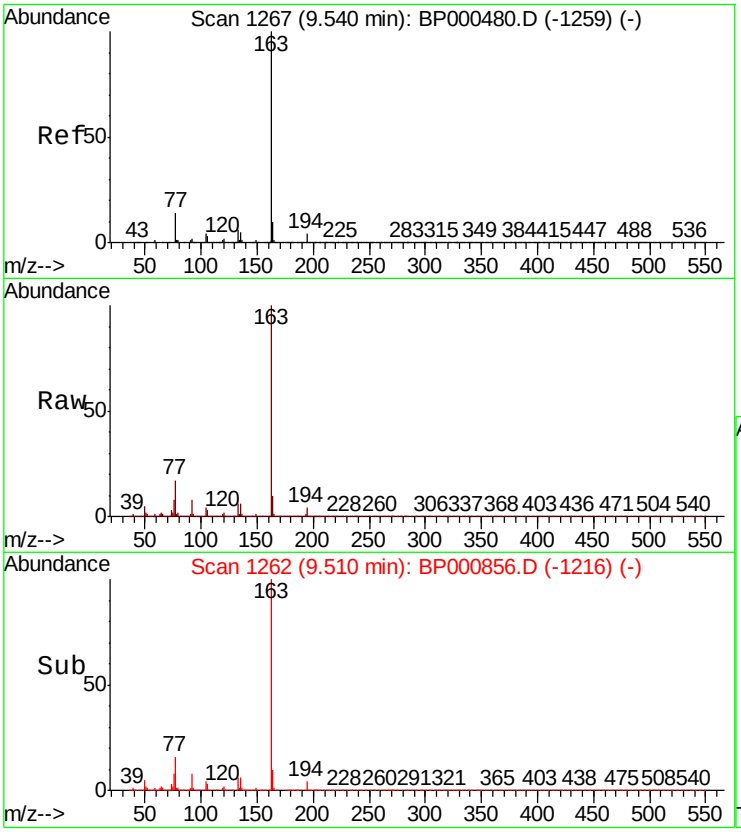




#49
Acenaphthylene
Concen: 2.061 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:152 Resp: 72505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.6 | 25.0 |
| 153 | 14.1 | 11.0 | 16.6 |



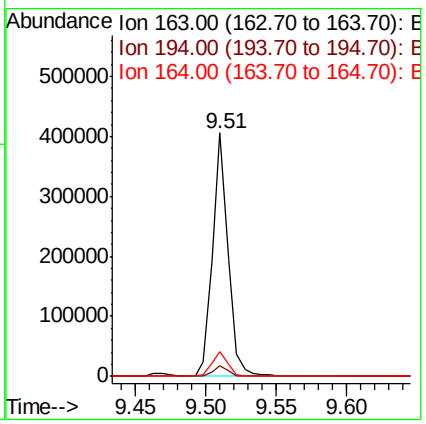


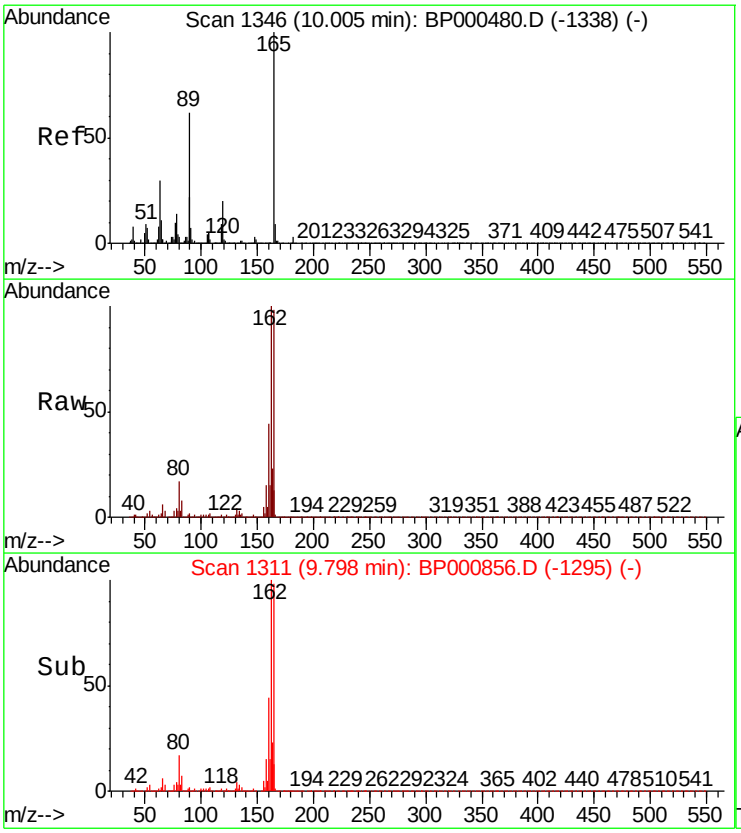

#50
Dimethylphthalate
Concen: 11.159 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:163 Resp: 309710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 10.3 | 8.0 | 12.0 |

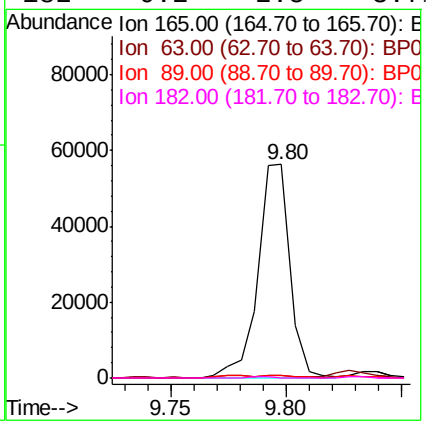


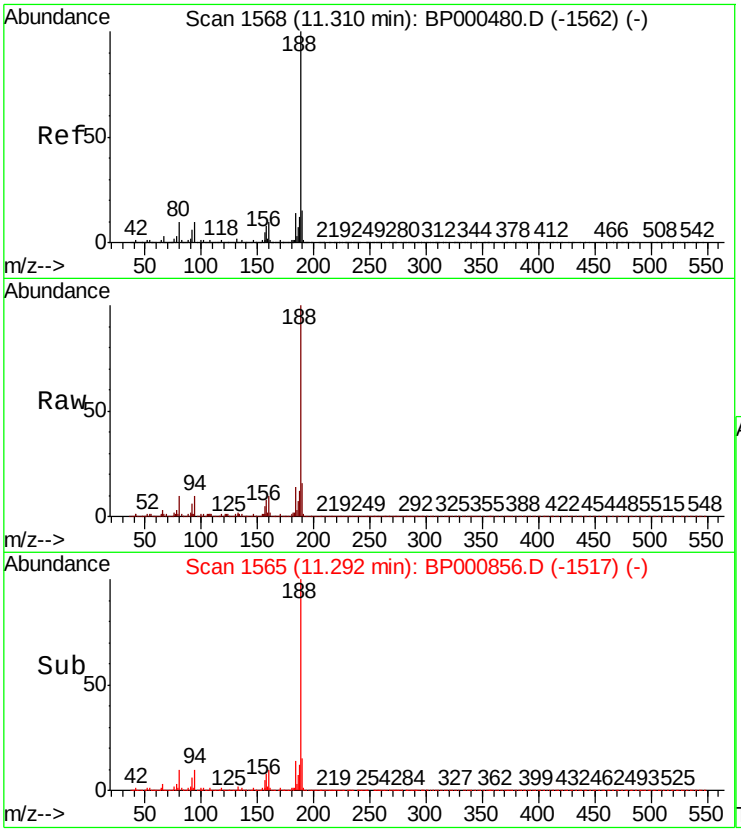




#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:165 Resp: 54472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 24.2 | 36.4# |
| 89 | 1.3 | 49.4 | 74.0# |
| 182 | 0.2 | 2.5 | 3.7# |



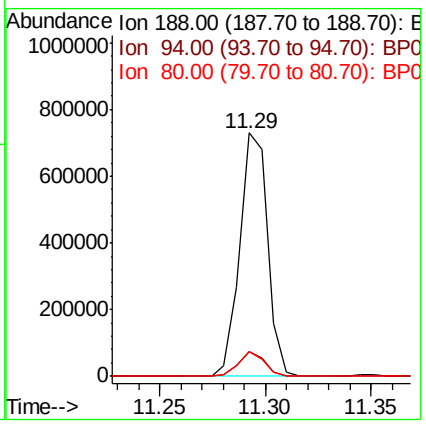


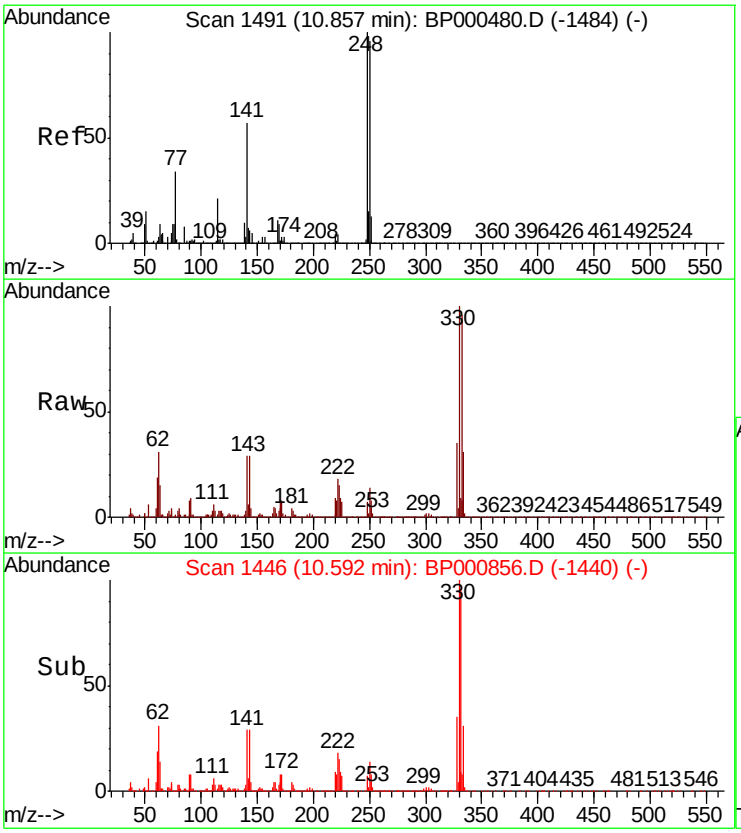

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:188 Resp: 663766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.2 | 12.2 |
| 80 | 10.0 | 8.3 | 12.5 |

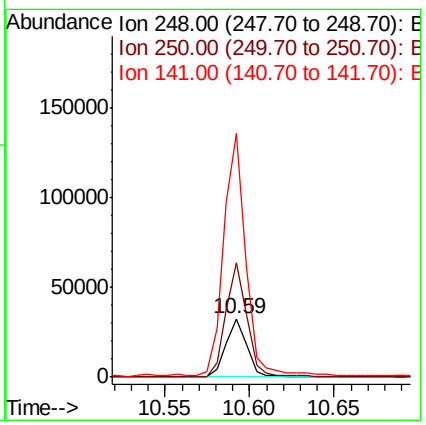


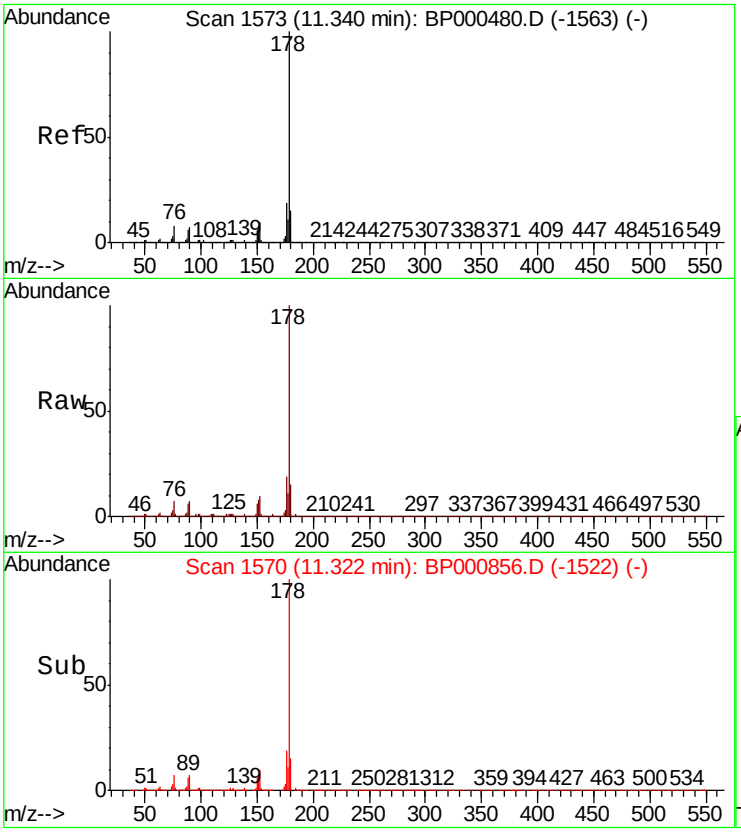




#67
4-Bromophenyl-phenylether
Concen: 3.731 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.27 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:248 Resp: 27879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 196.2 | 77.2 | 115.8# |
| 141 | 416.8 | 45.3 | 67.9# |



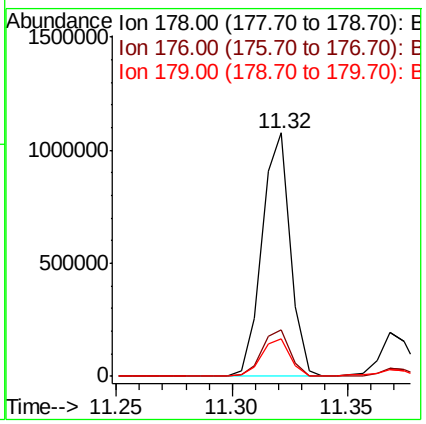


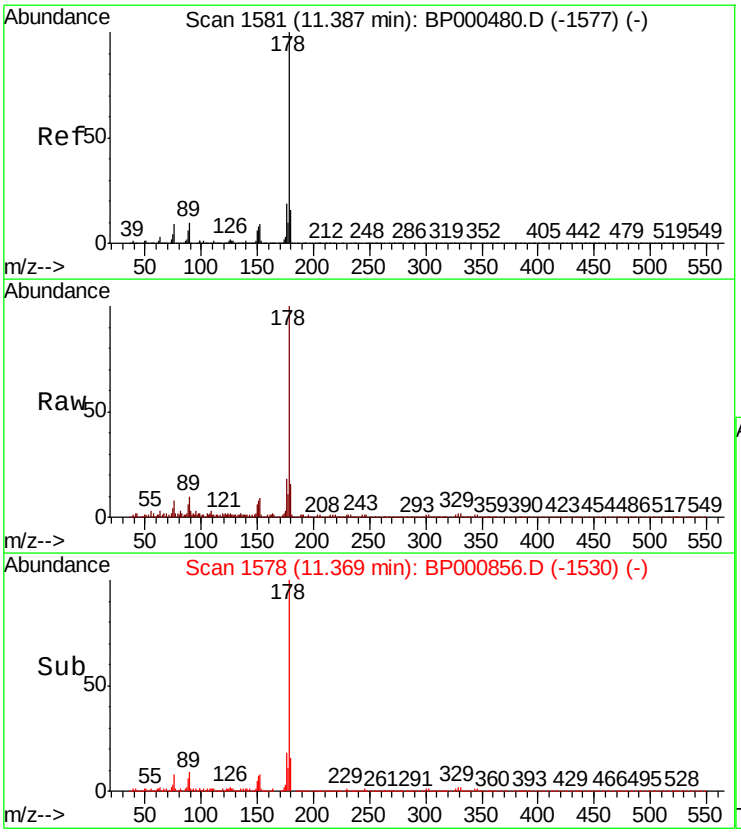

#71
Phenanthrene
Concen: 27.540 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:178 Resp: 918074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.4 | 12.2 | 18.4 |

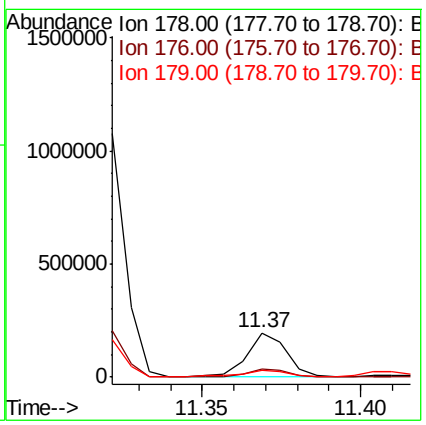


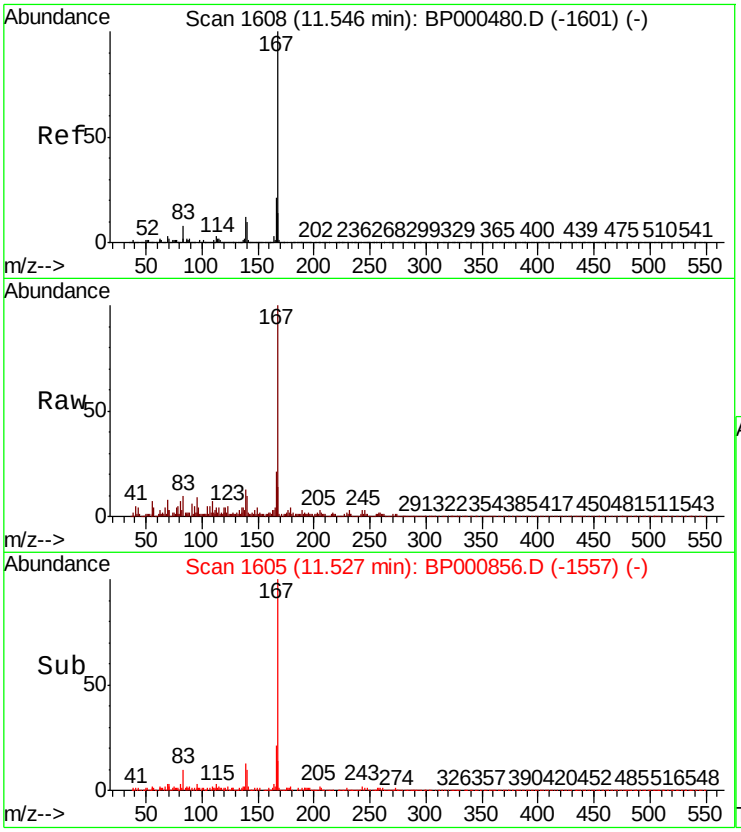




#72
Anthracene
Concen: 4.942 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:178 Resp: 163354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.4 | 23.0 |
| 179 | 16.1 | 12.6 | 19.0 |



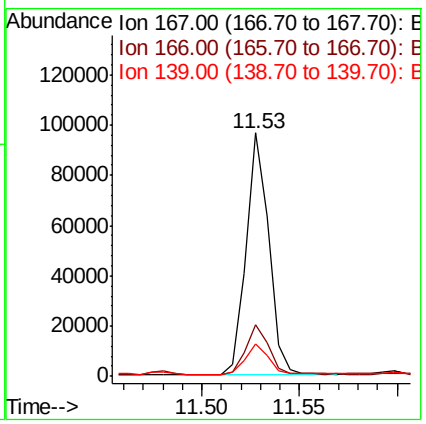


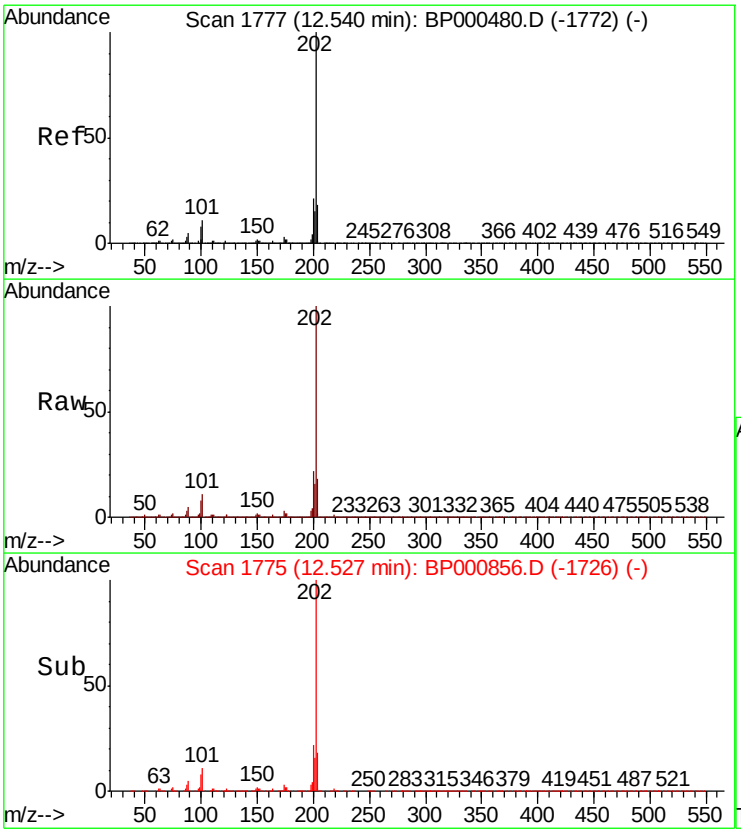

#73
Carbazole
Concen: 2.539 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:167 Resp: 77807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 16.9 | 25.3 |
| 139 | 13.3 | 9.7 | 14.5 |

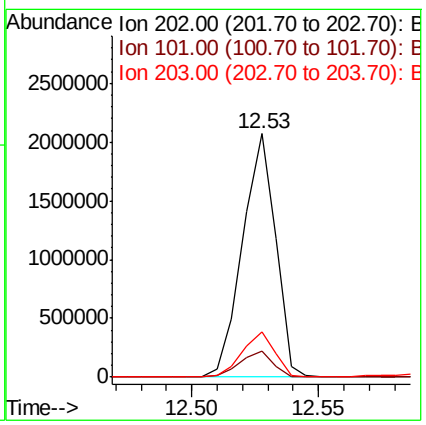


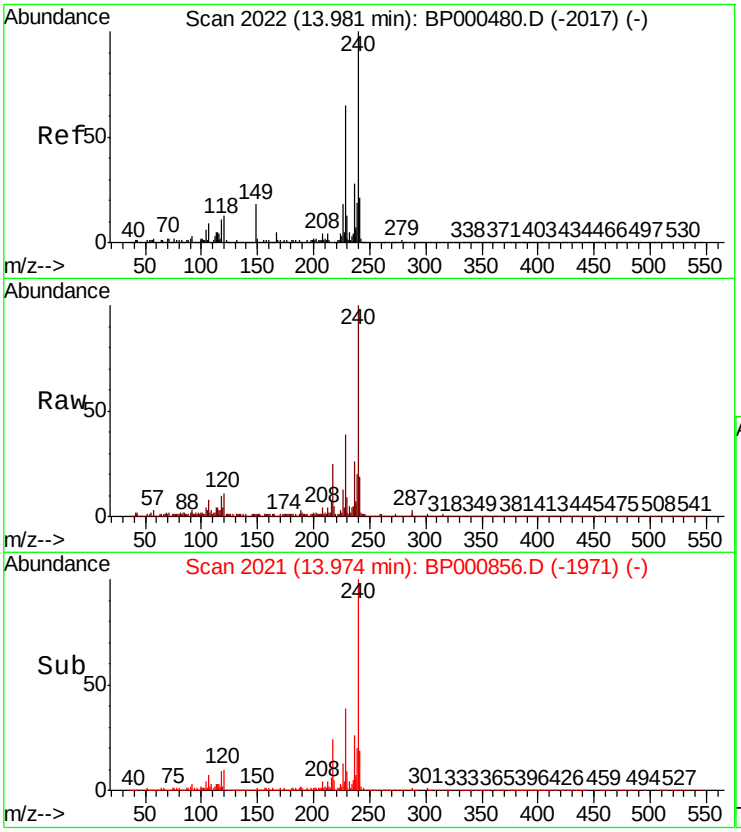




#75
Fluoranthene
Concen: 50.273 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:202 Resp: 1882224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 0.0 | 31.3 |
| 203 | 18.4 | 0.0 | 38.1 |



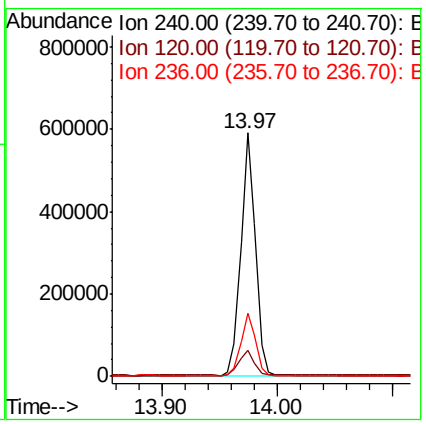


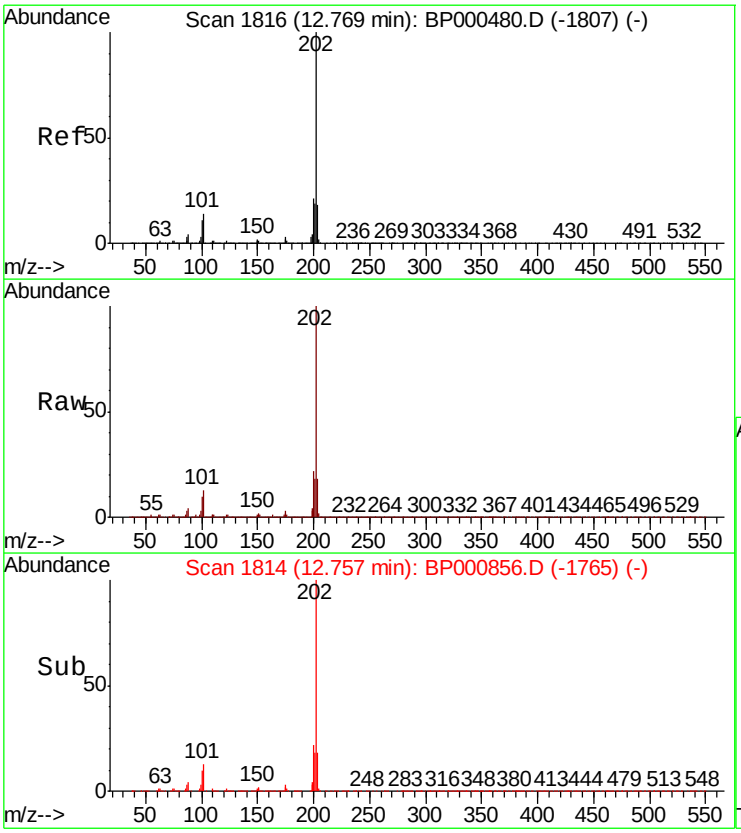

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:240 Resp: 519082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 10.1 | 15.1 |
| 236 | 25.8 | 22.7 | 34.1 |

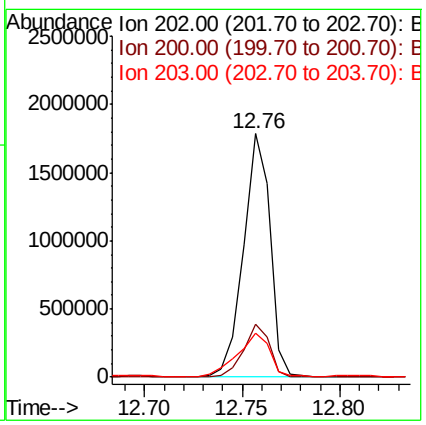


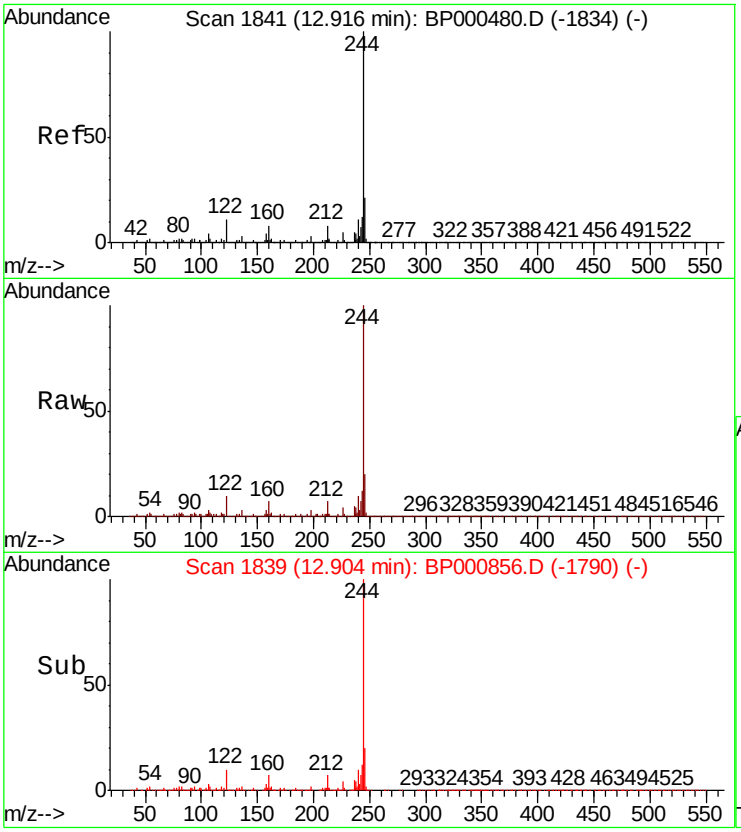




#78
Pyrene
Concen: 46.903 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:202 Resp: 1679158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 17.1 | 25.7 |
| 203 | 18.2 | 14.6 | 21.8 |



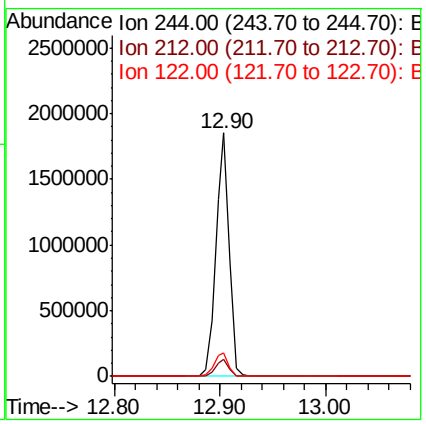


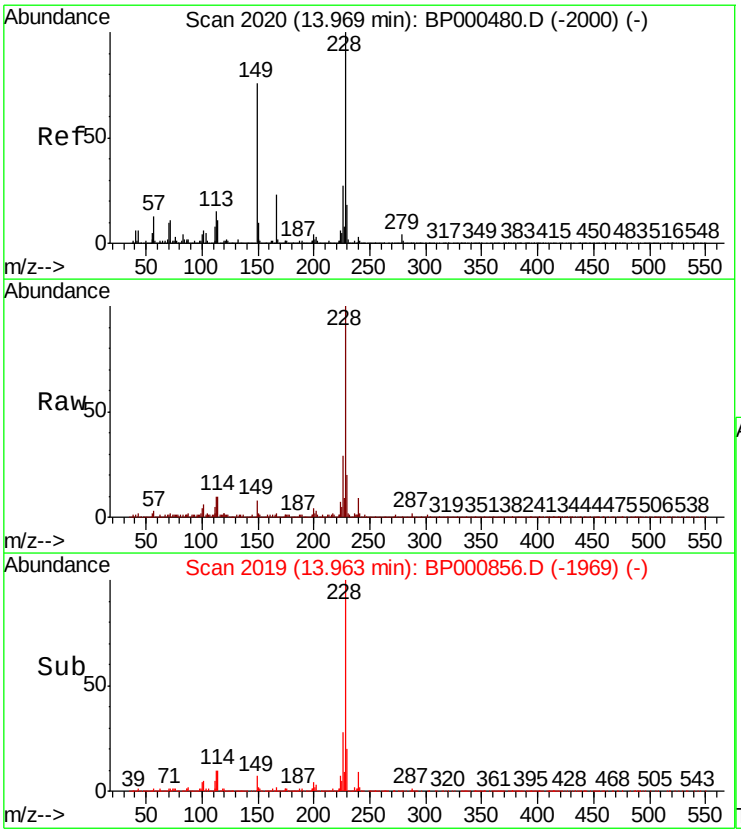

#79
Terphenyl-d14
Concen: 63.975 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:244 Resp: 1640137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.0 | 9.0 |
| 122 | 9.9 | 8.9 | 13.3 |

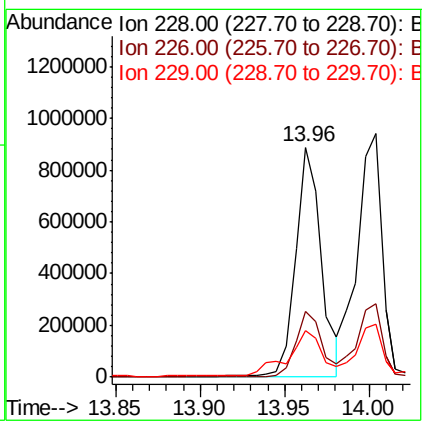


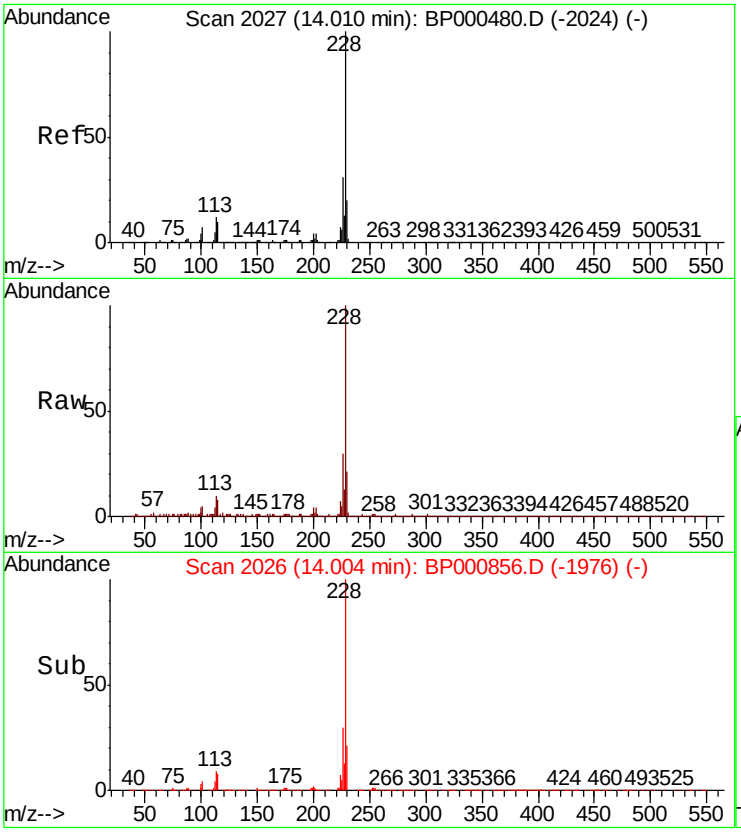




#81
Benzo(a)anthracene
Concen: 29.590 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:228 Resp: 937172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 21.4 | 32.2 |
| 229 | 20.4 | 14.7 | 22.1 |



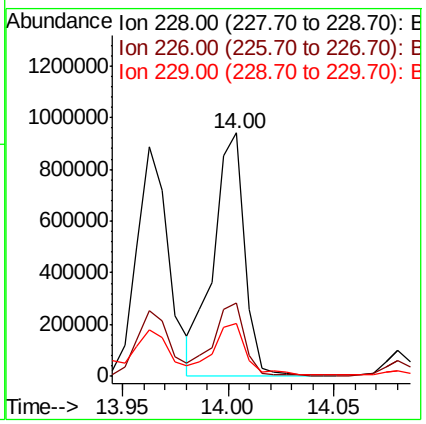


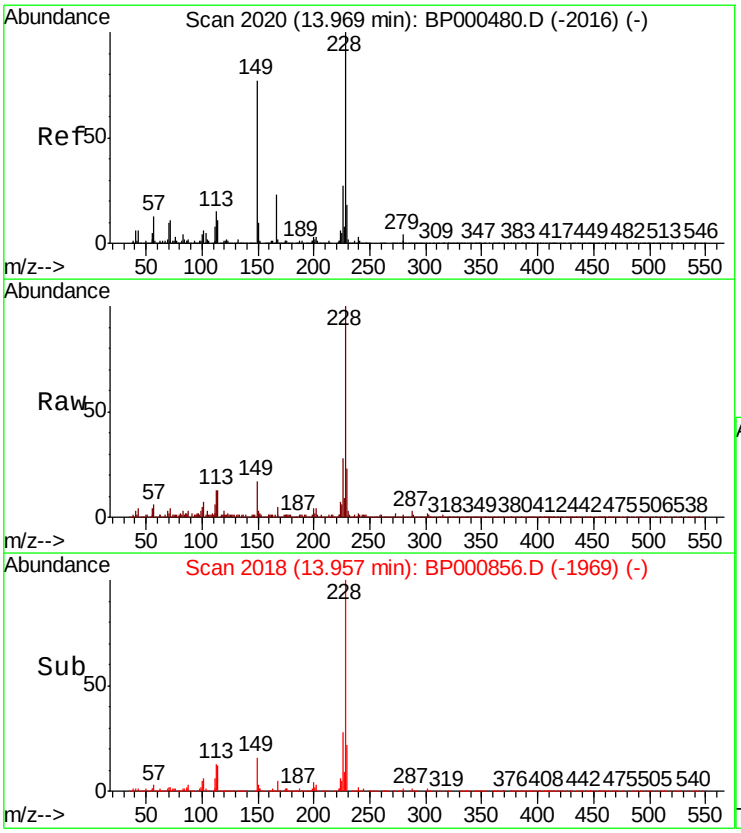

#83
Chrysene
Concen: 30.930 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:228 Resp: 961464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 24.7 | 37.1 |
| 229 | 21.5 | 16.3 | 24.5 |

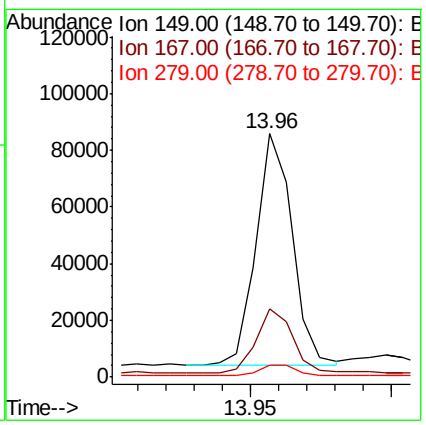


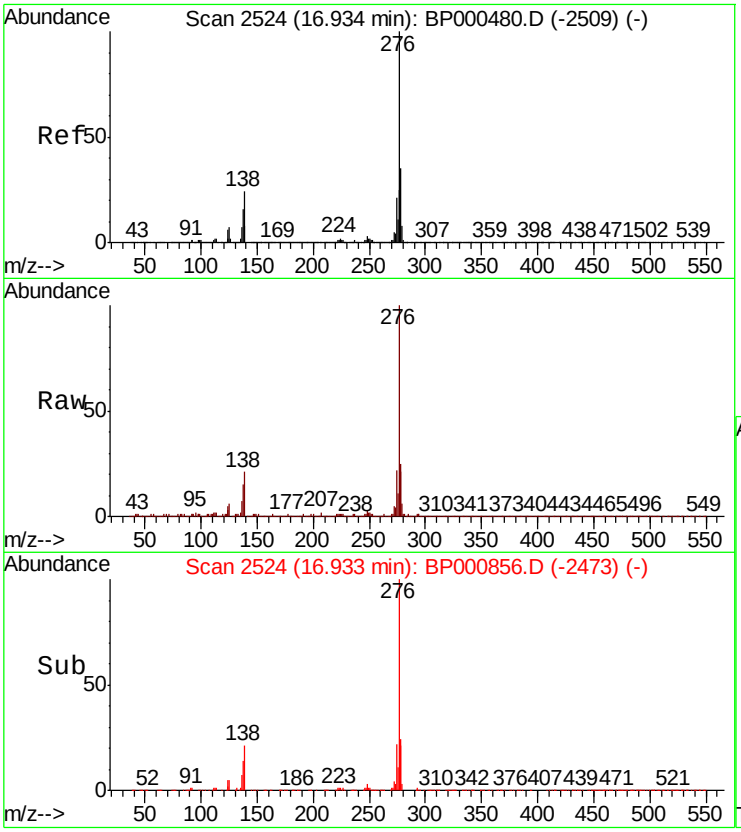




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.717 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:149 Resp: 72924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 23.6 | 35.4 |
| 279 | 4.7 | 3.9 | 5.9 |



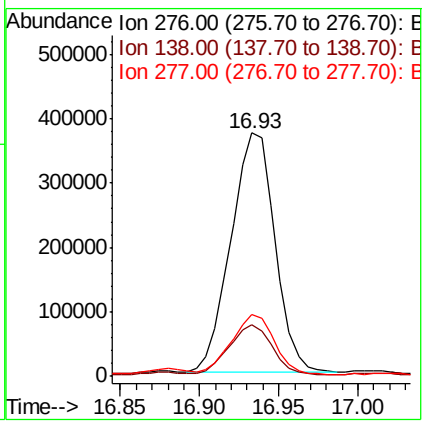


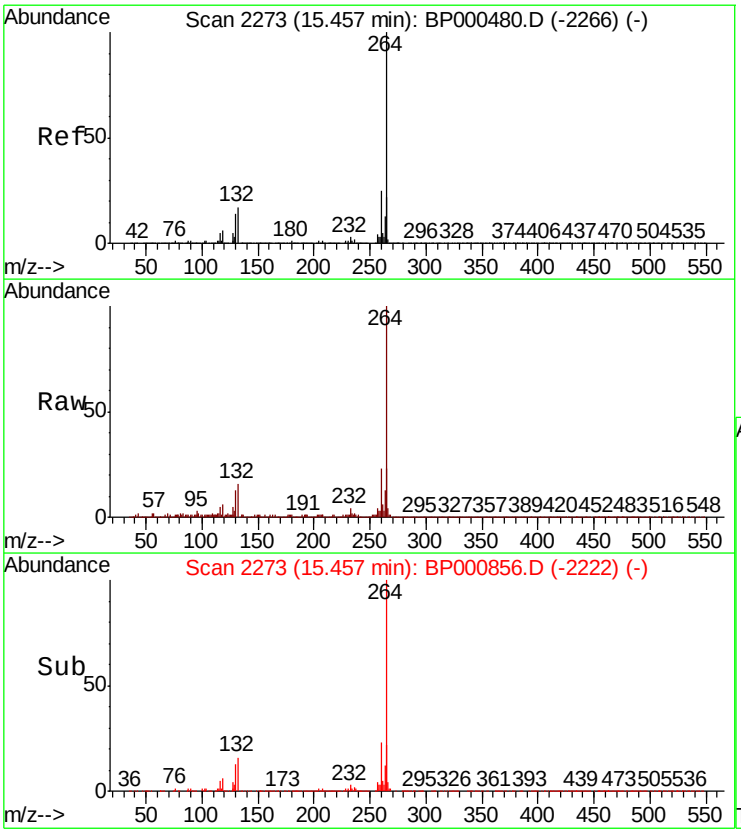

#86
Indeno(1,2,3-cd)pyrene
Concen: 18.390 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:276 Resp: 714086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.8 | 20.9 | 31.3# |
| 277 | 24.5 | 20.6 | 30.8 |

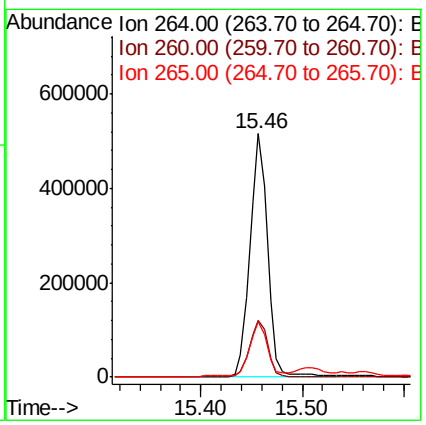


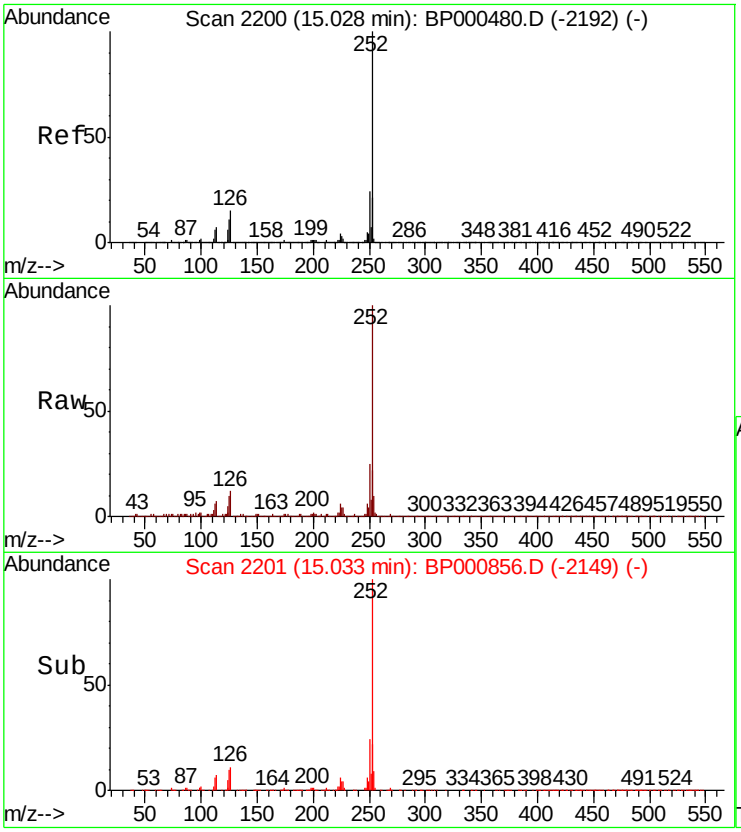




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:264 Resp: 621677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 20.3 | 30.5 |
| 265 | 22.6 | 18.0 | 27.0 |



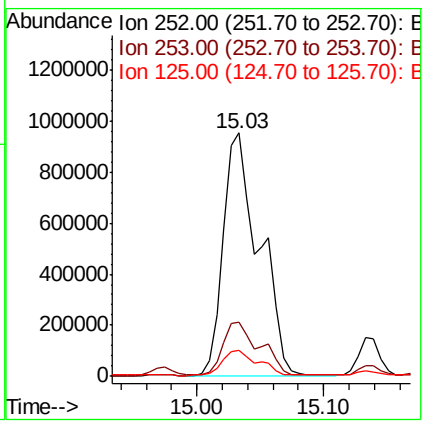


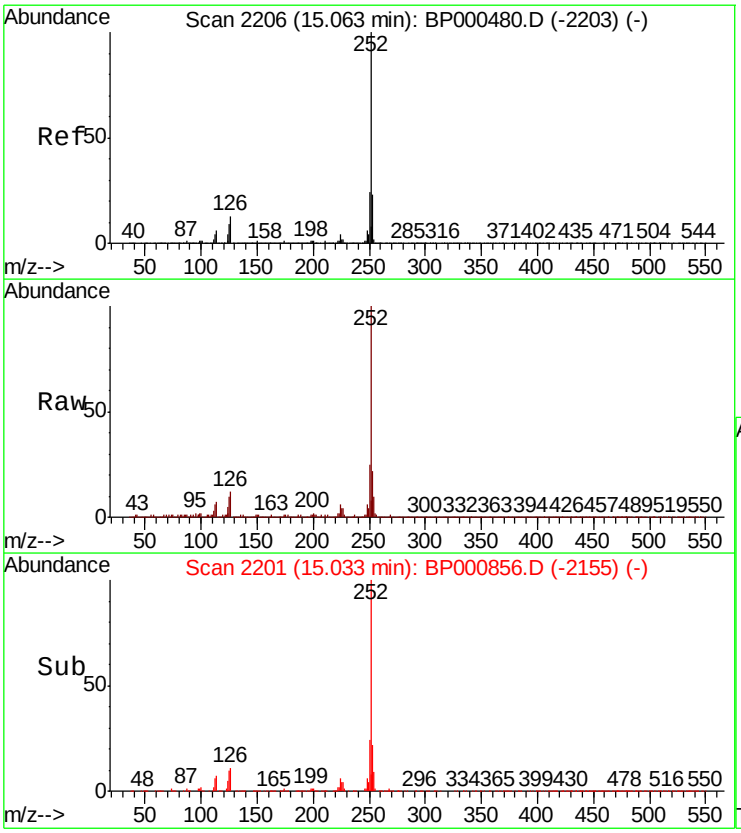

#88
Benzo(b)fluoranthene
Concen: 53.402 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:252 Resp: 1883454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.0 | 25.4 |
| 125 | 10.5 | 8.9 | 13.3 |

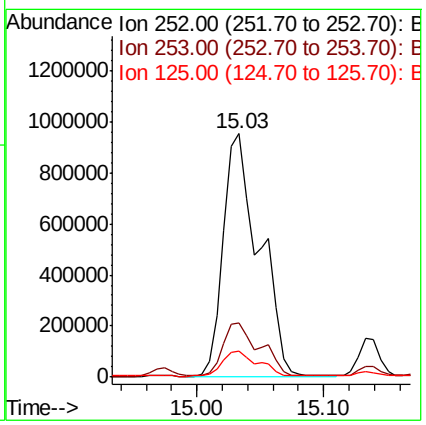


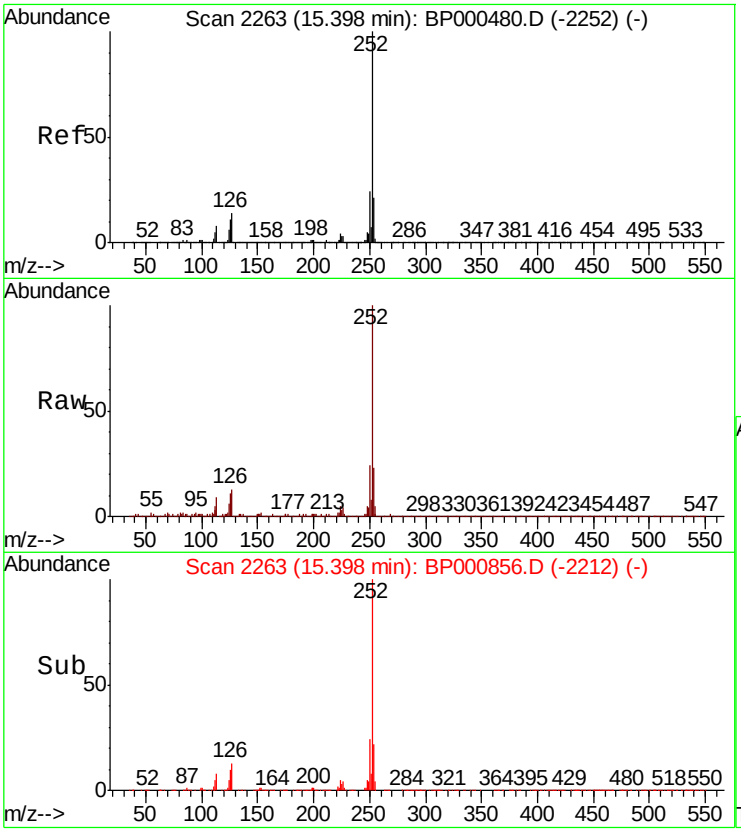




#89
Benzo(k)fluoranthene
Concen: 56.092 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:252 Resp: 1883454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.4 | 27.6 |
| 125 | 10.5 | 7.8 | 11.8 |



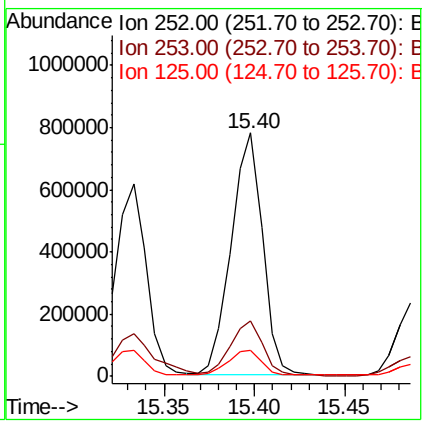


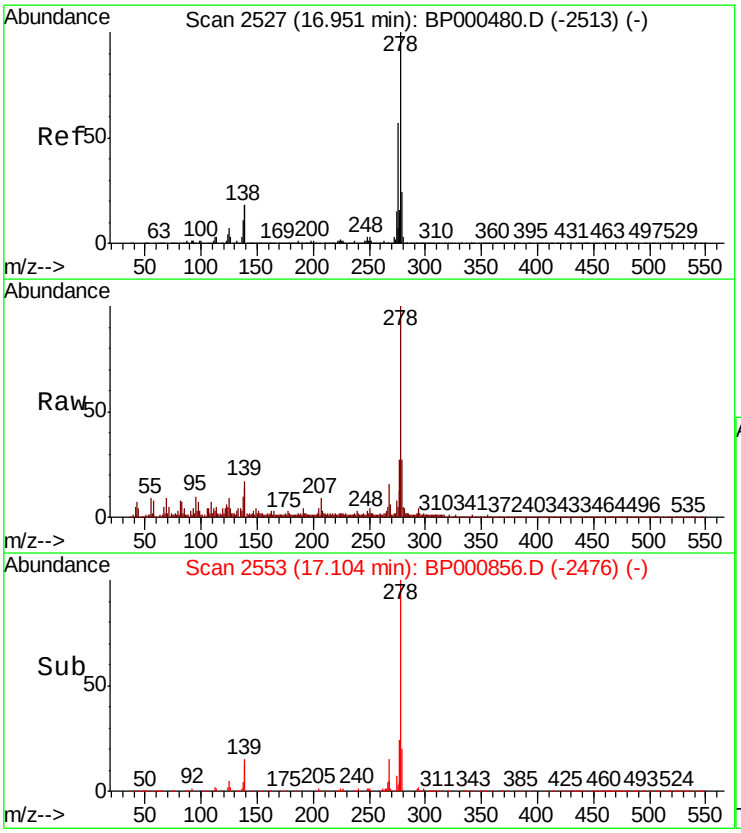

#90
Benzo(a)pyrene
Concen: 28.720 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:252 Resp: 944249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.0 | 25.6 |
| 125 | 10.7 | 8.4 | 12.6 |

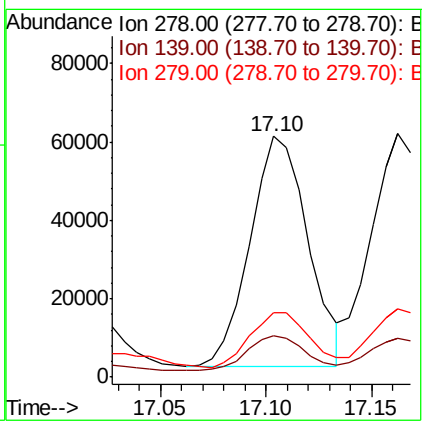


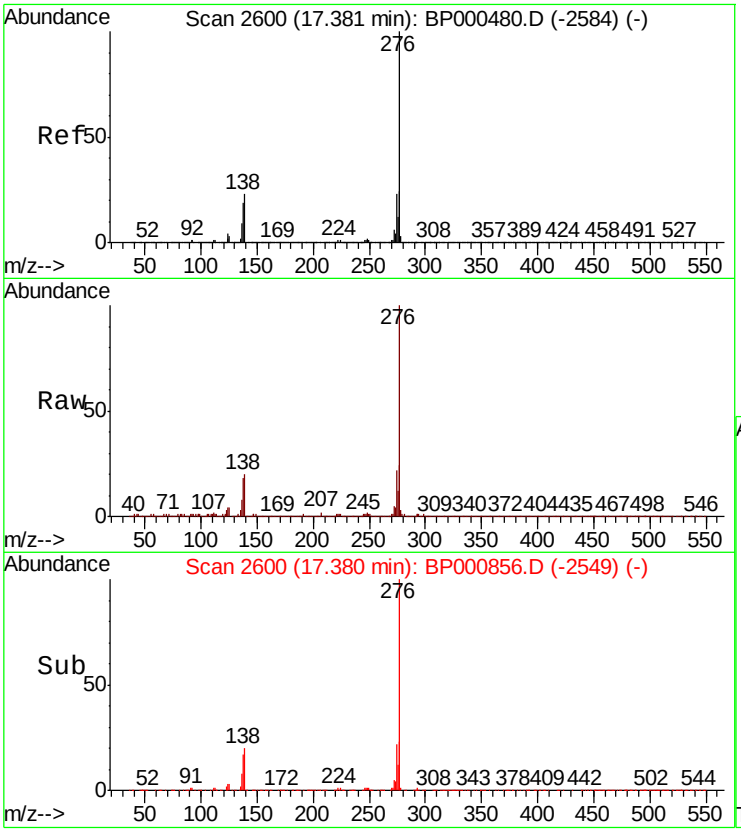




#91
Dibenzo(a,h)anthracene
Concen: 3.529 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.15 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

Tgt Ion:278 Resp: 112514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.4 | 14.1 | 21.1 |
| 279 | 26.8 | 19.5 | 29.3 |






#92
Benzo(g,h,i)perylene
Concen: 22.292 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BP000856.D
Acq: 17 Oct 2019 23:51

**Instrument :**
BNA_P
**ClientSampleId :**
T-9-U1-U3-(0-28)

Tgt Ion:276 Resp: 722288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.4 | 29.2 |
| 138 | 20.5 | 18.5 | 27.7 |