Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111496.D
Acq On : 16 Dec 2018 5:36
Operator : JU/SJ
Sample : J6199-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-121218-B

Quant Time: Dec 17 00:59:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 144746 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 503194 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 190281 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.31 | 188 | 323875 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.94 | 240 | 324494 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.39 | 264 | 206553 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 992955 | 114.15 | ng | | 0.02 |
| 7) Phenol-d6 | 6.44 | 99 | 1009467 | 87.25 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 821493 | 97.22 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 228583 | 134.10 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 1346985 | 109.34 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1338047 | 96.83 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70 | 108774 | 14.250 | ng | # | 79 |
| 25) Isophorone | 7.35 | 82 | 821483 | 57.455 | ng | # | 64 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 31166 | 4.809 | ng | # | 6 |
| 32) Benzoic acid | 7.80 | 122 | 31166 | 5.565 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.83 | 165 | 23742 | 7.697 | ng | # | 30 |
| 57) 2,4-Dinitrotoluene | 9.83 | 165 | 23742 | 5.864 | ng | # | 25 |
| 67) 4-Bromophenyl-phenylether | 10.62 | 248 | 14743 | 4.223 | ng | # | 1 |
| 70) Pentachlorophenol | 11.12 | 266 | 9306 | 4.225 | ng | | 89 |

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

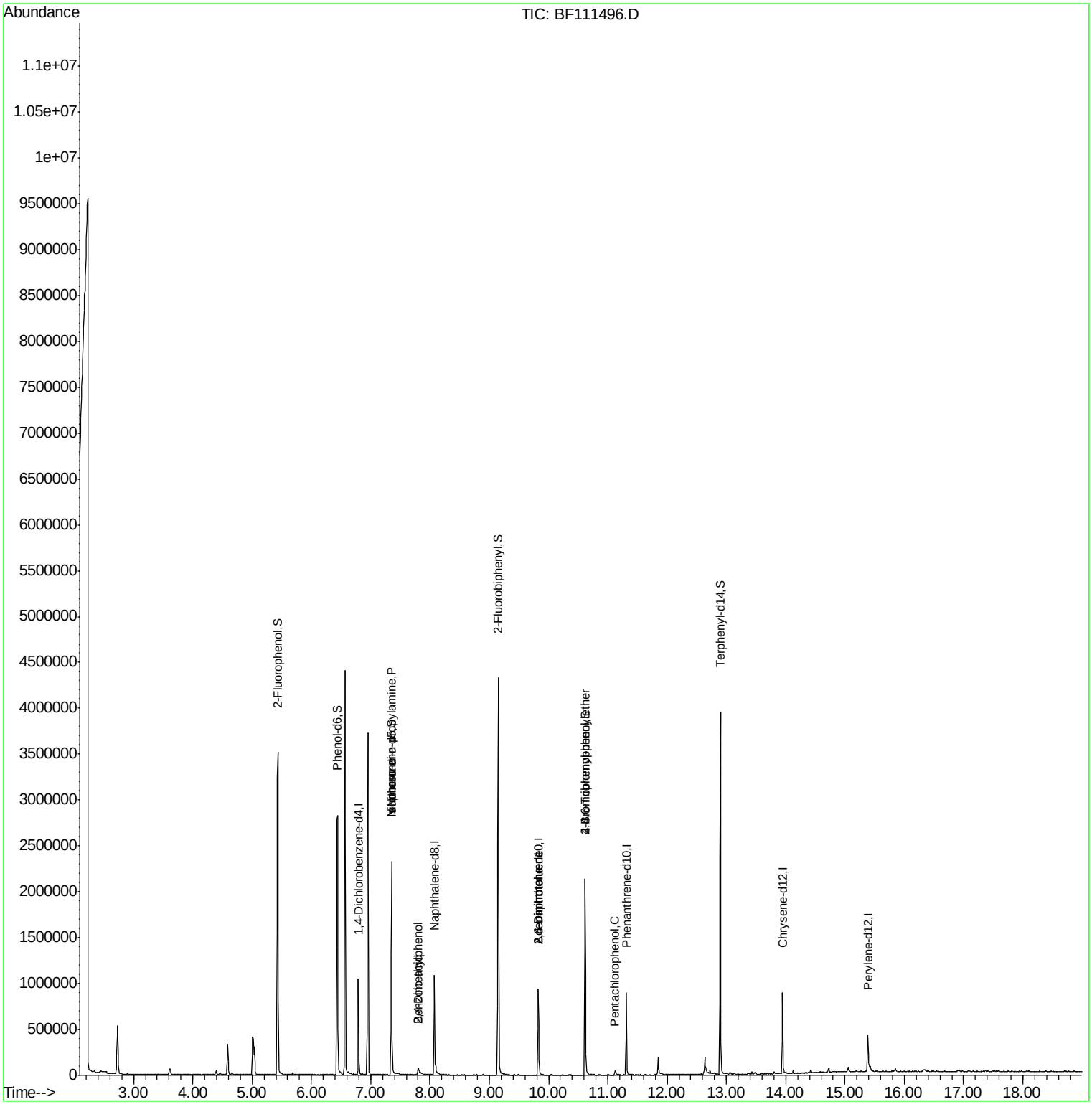
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

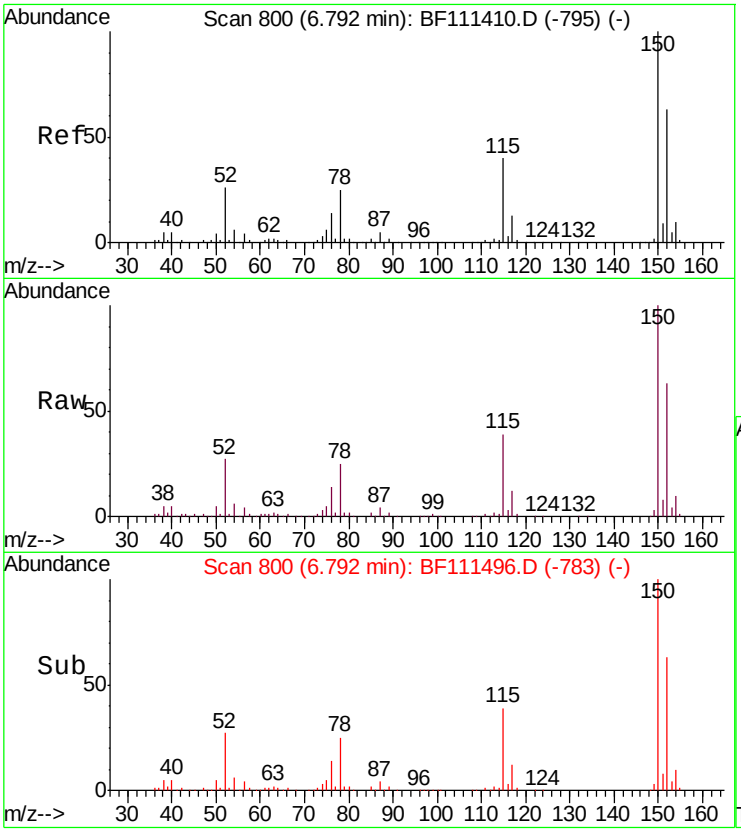
Quantitation Report (Not Reviewed)

Data File : BF111496.D
Acq On : 16 Dec 2018 5:36
Operator : JU/SJ
Sample : J6199-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Quant Time: Dec 17 00:59:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



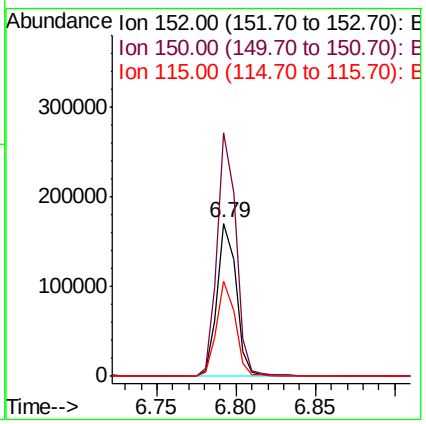


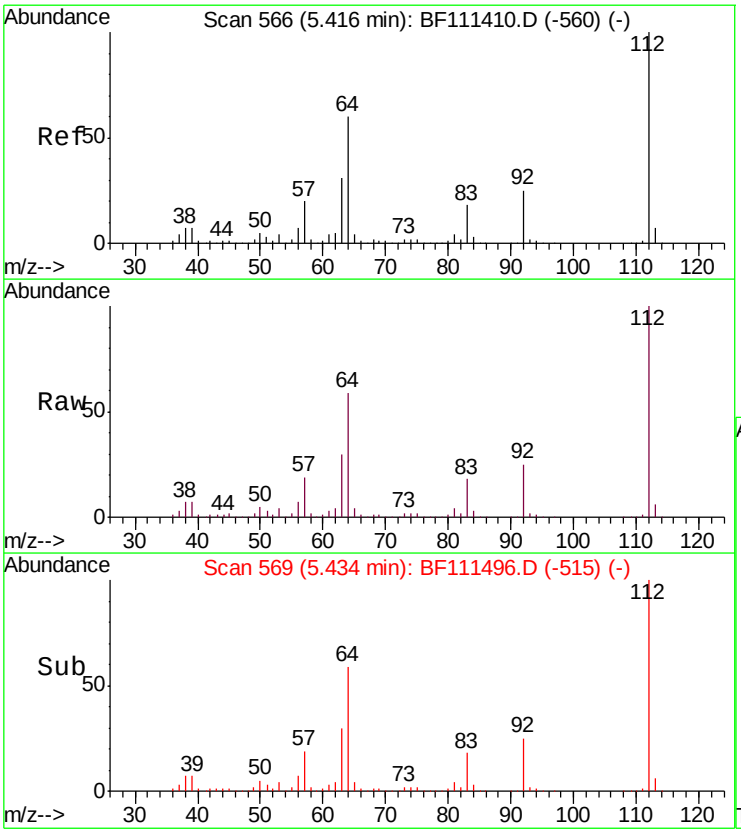

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion:152 Resp: 144746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.8 | 126.6 | 189.8 |
| 115 | 62.5 | 50.7 | 76.1 |

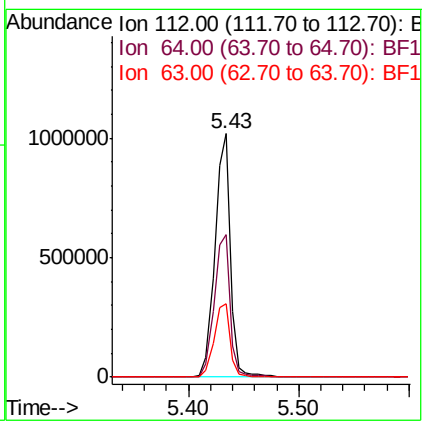


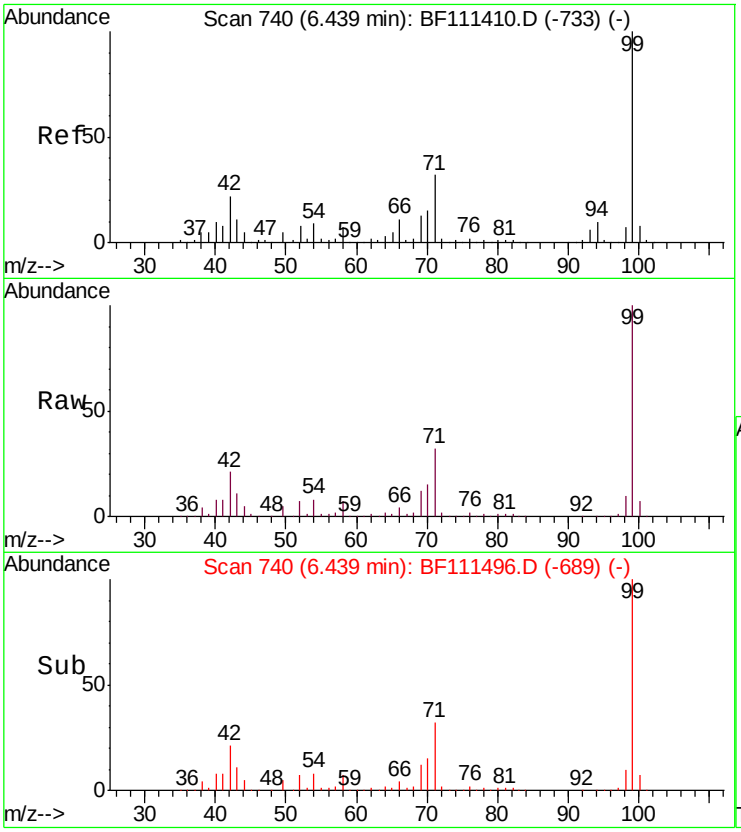




#5
2-Fluorophenol
Concen: 114.154 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion:112 Resp: 992955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.6 | 51.8 | 77.6 |
| 63 | 30.3 | 26.8 | 40.2 |



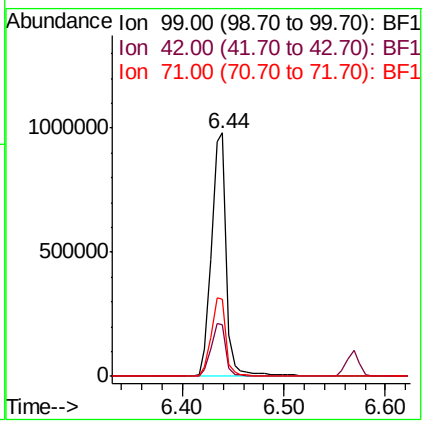


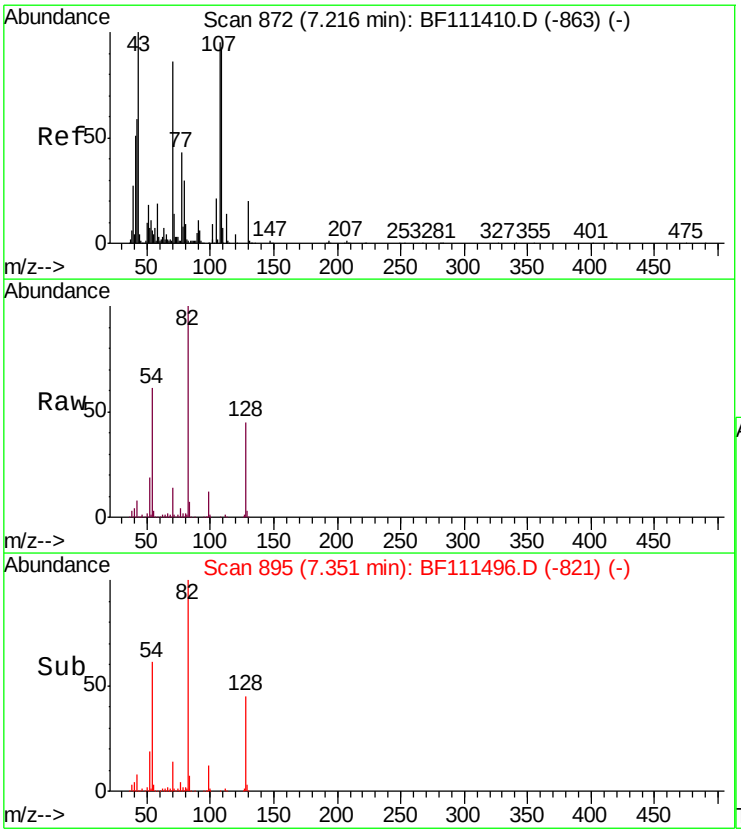

#7
Phenol-d6
Concen: 87.246 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion: 99 Resp: 1009467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.5 | 17.4 | 26.0 |
| 71 | 31.6 | 26.1 | 39.1 |

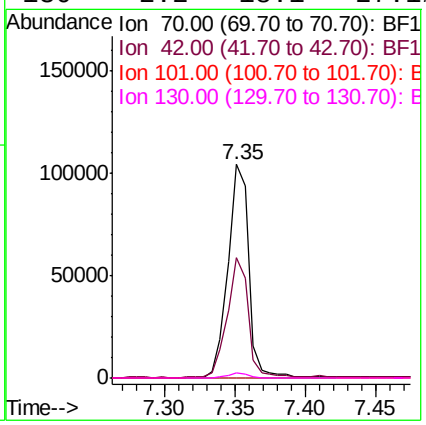


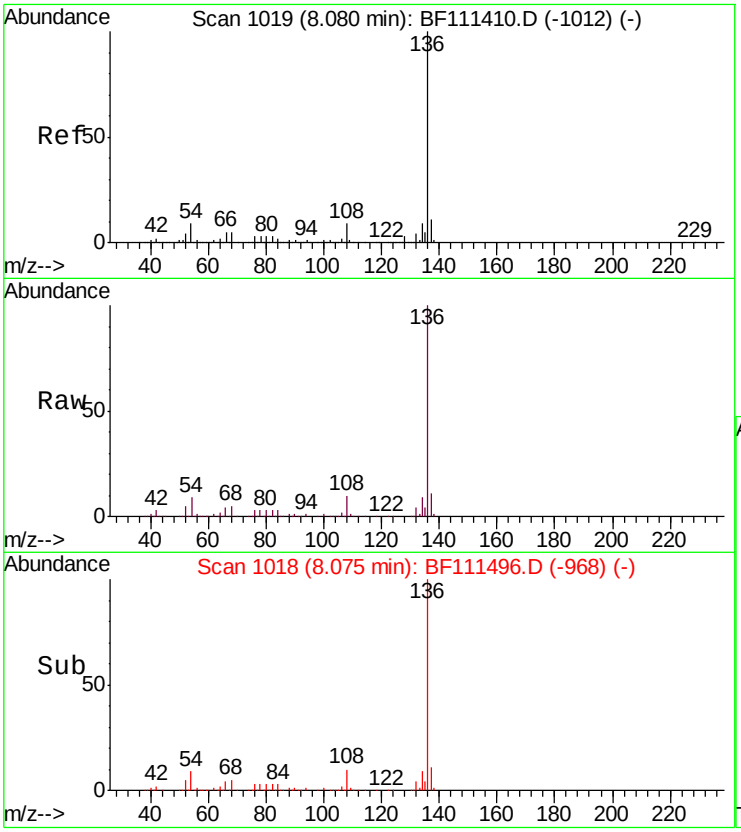




#19
n-Nitroso-di-n-propylamine
Concen: 14.250 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion: 70 Resp: 108774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.5 | 53.2 | 79.8 |
| 101 | 0.0 | 8.2 | 12.4# |
| 130 | 2.2 | 18.1 | 27.1# |



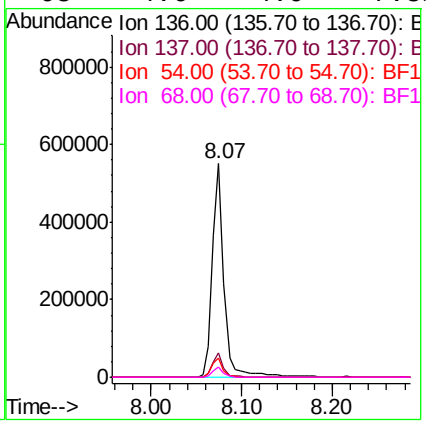


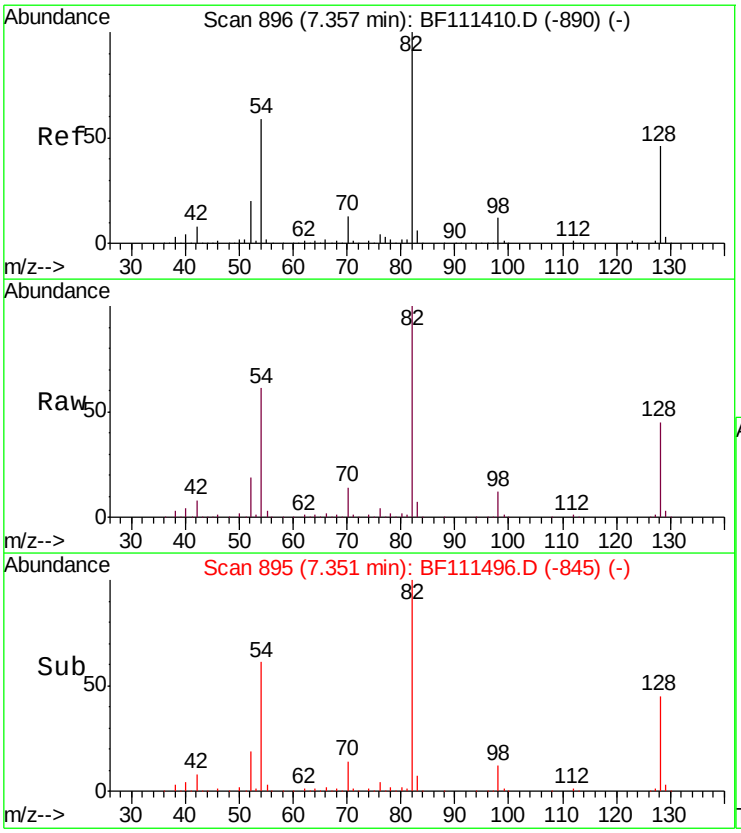

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion:136 Resp: 503194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 9.0 | 7.7 | 11.5 |
| 68 | 4.6 | 4.9 | 7.3# |

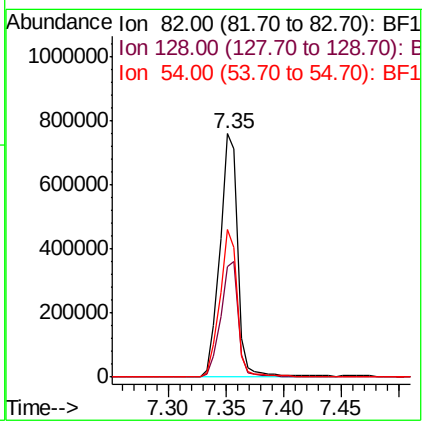


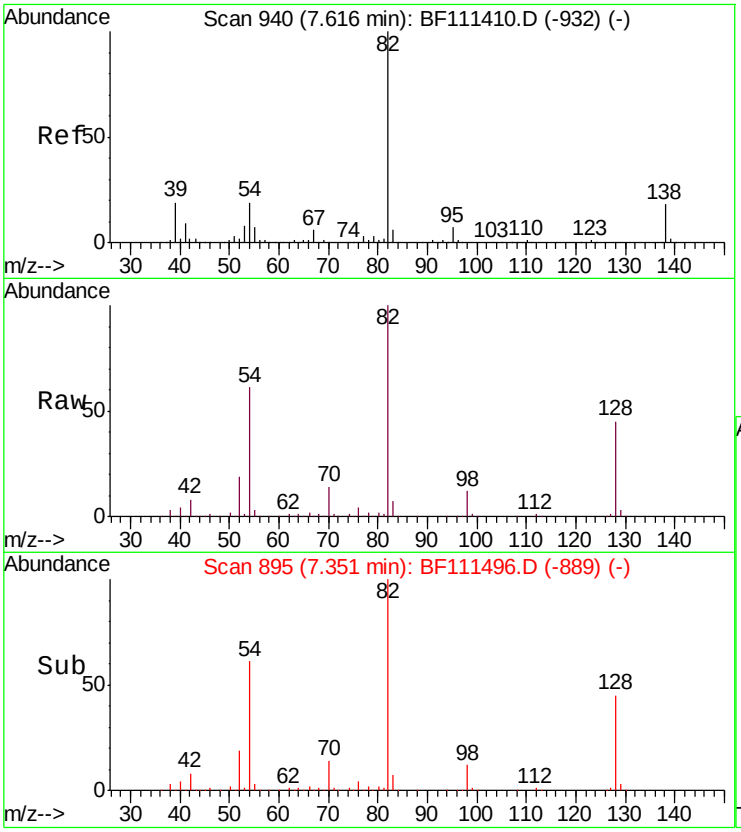




#23
Nitrobenzene-d5
Concen: 97.217 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion: 82 Resp: 821493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 37.4 | 56.2 |
| 54 | 60.9 | 47.6 | 71.4 |



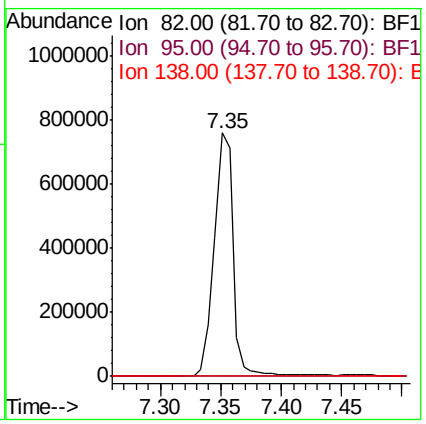


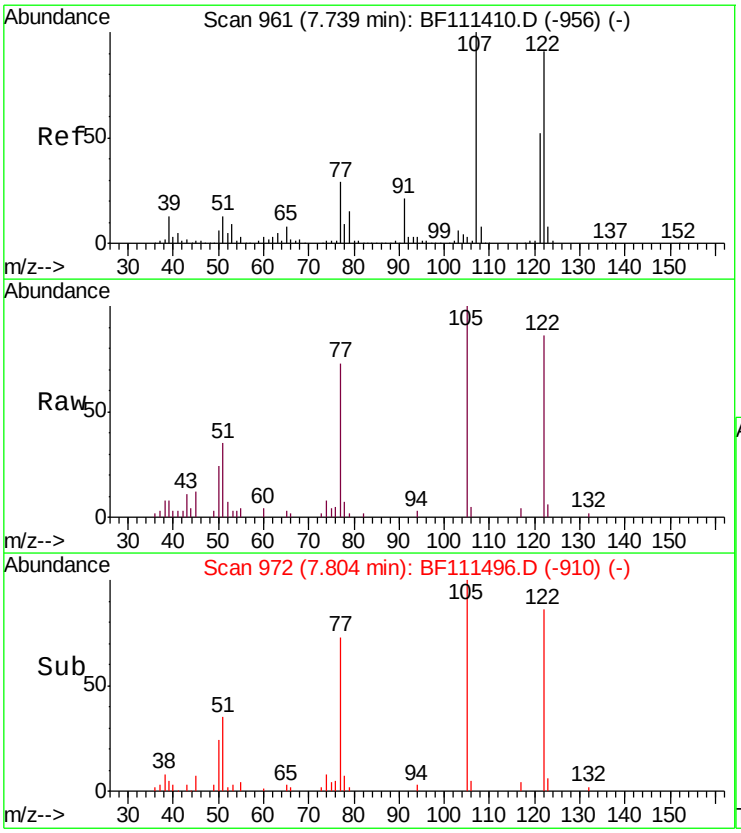

#25
Isophorone
Concen: 57.455 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion: 82 Resp: 821483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.4 | 8.2# |
| 138 | 0.0 | 15.1 | 22.7# |

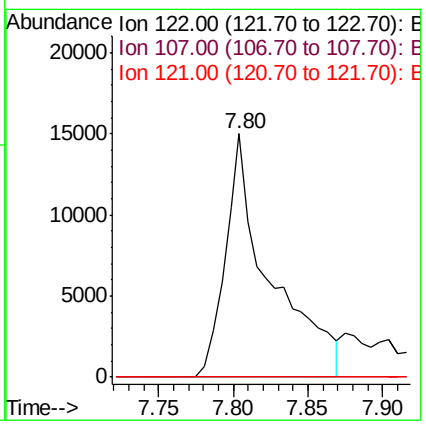


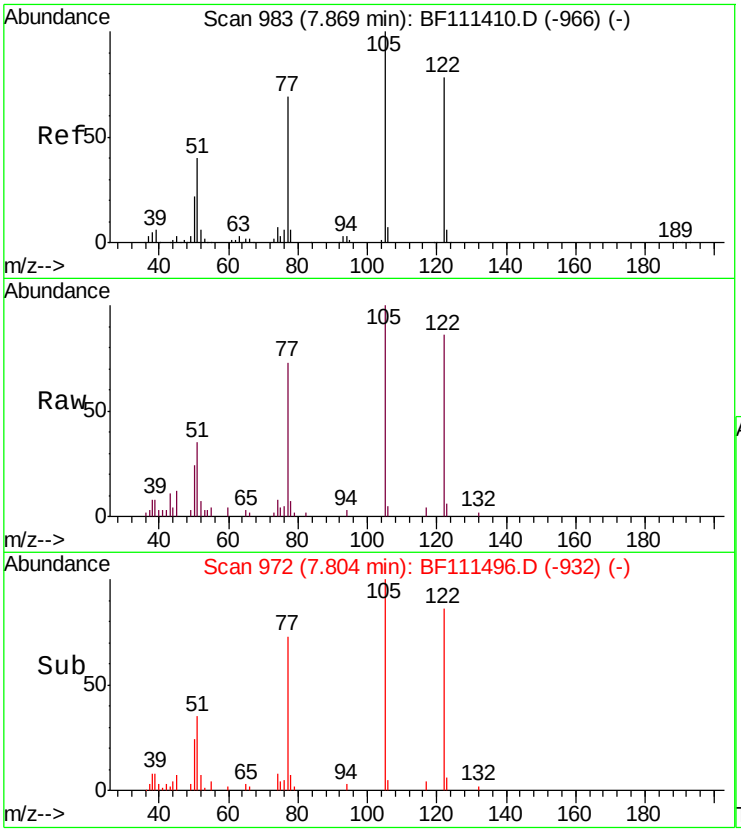




#27
2,4-Dimethylphenol
Concen: 4.809 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.06 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion:122 Resp: 31166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 0.0 | 85.5 | 128.3# |
| 121 | 0.0 | 46.6 | 70.0# |



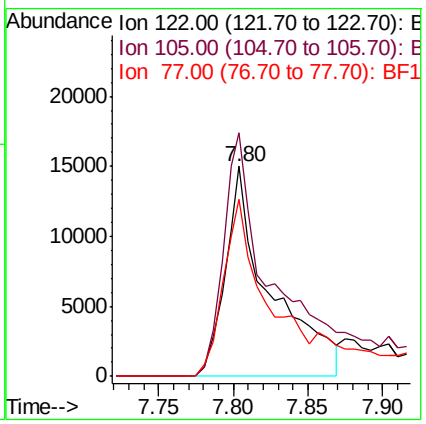


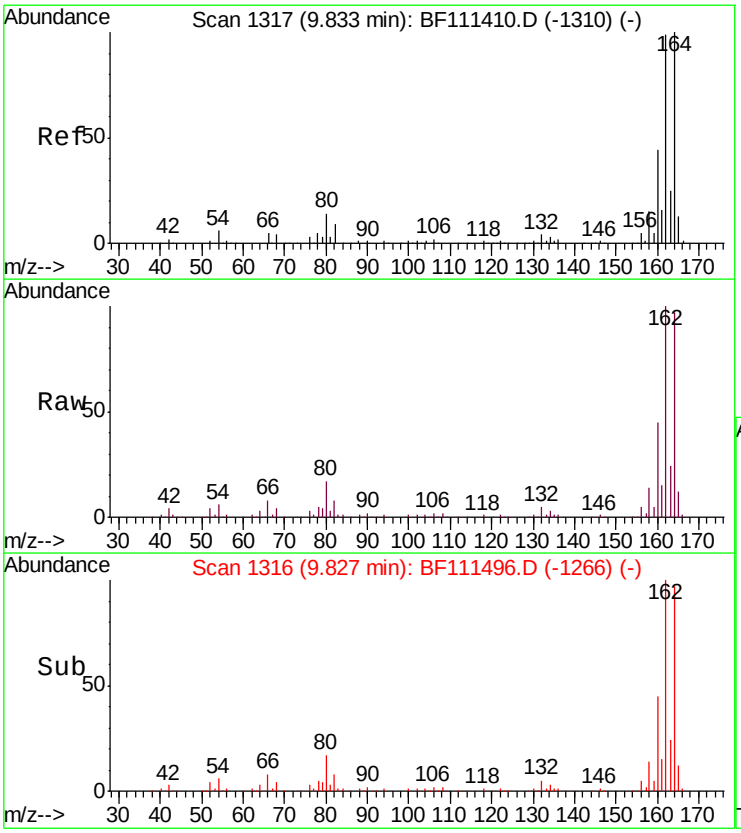

#32
Benzoic acid
Concen: 5.565 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.06 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion:122 Resp: 31166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.8 | 97.0 | 137.0 |
| 77 | 84.5 | 65.7 | 105.7 |

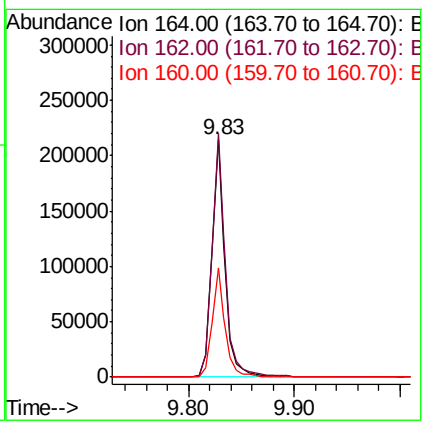


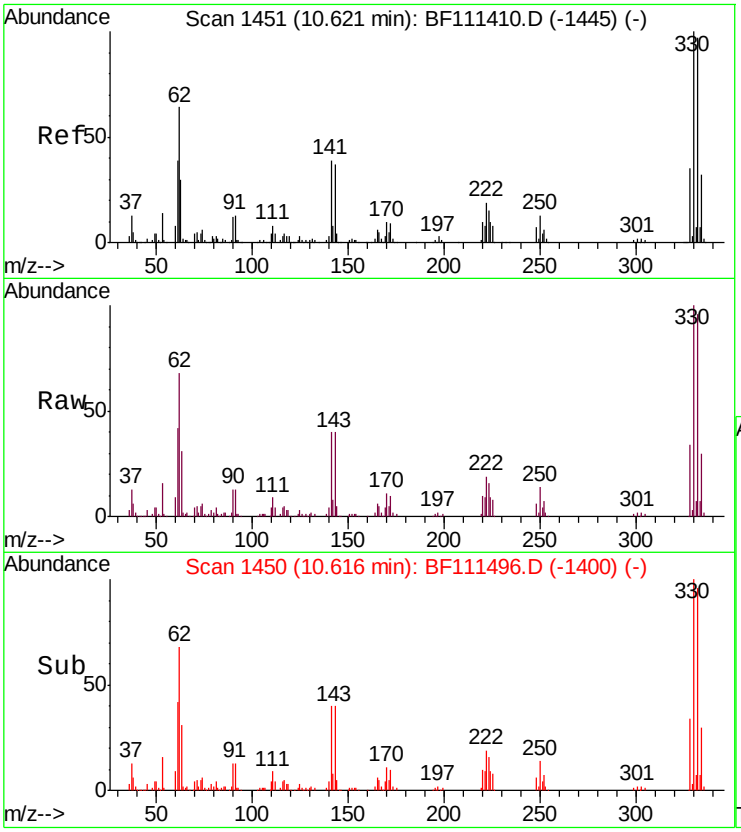




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion:164 Resp: 190281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 81.4 | 122.0 |
| 160 | 46.1 | 35.7 | 53.5 |



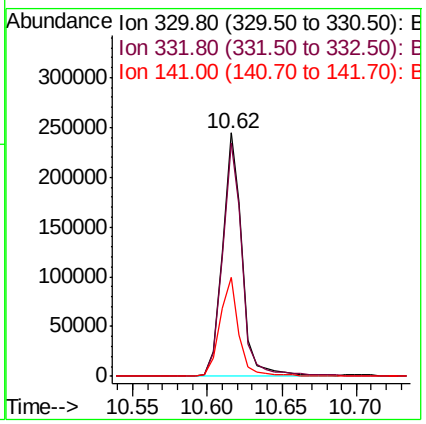


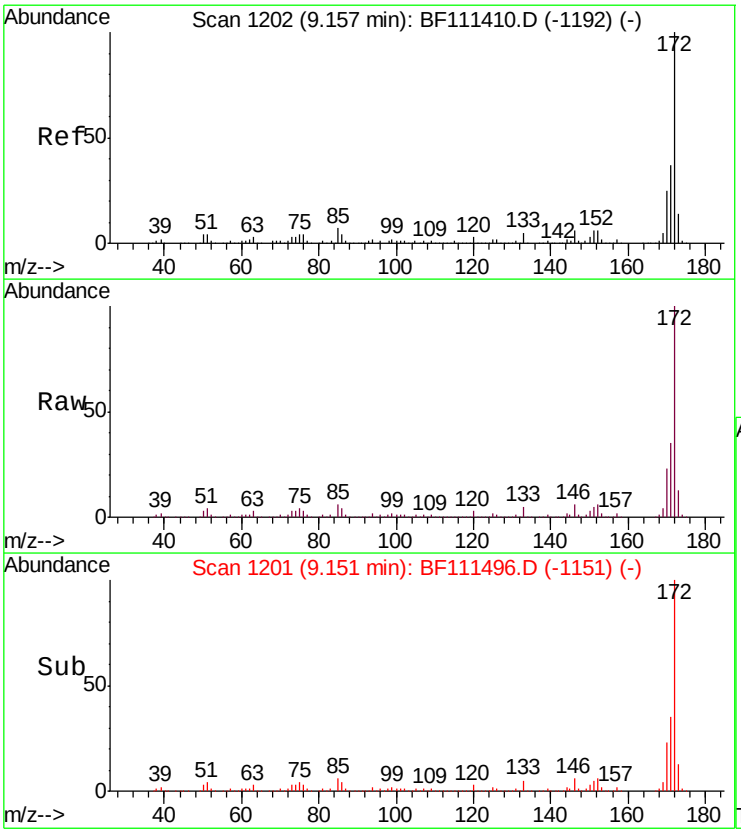

#42
2,4,6-Tribromophenol
Concen: 134.105 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-121218-B

Tgt Ion:330 Resp: 228583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.0 | 114.0 |
| 141 | 39.2 | 31.0 | 46.6 |




#45
2-Fluorobiphenyl
Concen: 109.344 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Tgt Ion:172 Resp: 1346985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 33.0 | 49.4 |
| 170 | 23.4 | 22.3 | 33.5 |