Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000386.D
Acq On : 24 Sep 2019 16:11
Operator : JU
Sample : K4665-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 24 17:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 238735 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 861780 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 480269 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 901843 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 828315 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.46 | 264 | 909137 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 1570751 | 113.58 | ng | | 0.01 |
| 7) Phenol-d6 | 6.43 | 99 | 1837178 | 108.38 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 1233690 | 92.36 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 705994 | 148.21 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 2606107 | 97.66 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.93 | 244 | 3438528 | 87.09 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.33 | 77 | 1498 | Below Cal | | | 91 |
| 10) Phenol | 6.44 | 94 | 101864 | 5.289 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70 | 152077 | 16.968 | ng | # | 74 |
| 25) Isophorone | 7.35 | 82 | 1233278 | 46.629 | ng | # | 63 |
| 50) Dimethylphthalate | 9.54 | 163 | 292967 | 8.953 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.83 | 165 | 62888 | 6.686 | ng | # | 35 |
| 67) 4-Bromophenyl-phenylether | 10.62 | 248 | 49207 | 4.825 | ng | # | 1 |
| 69) Atrazine | 11.01 | 200 | 53 | Below Cal | | # | 10 |

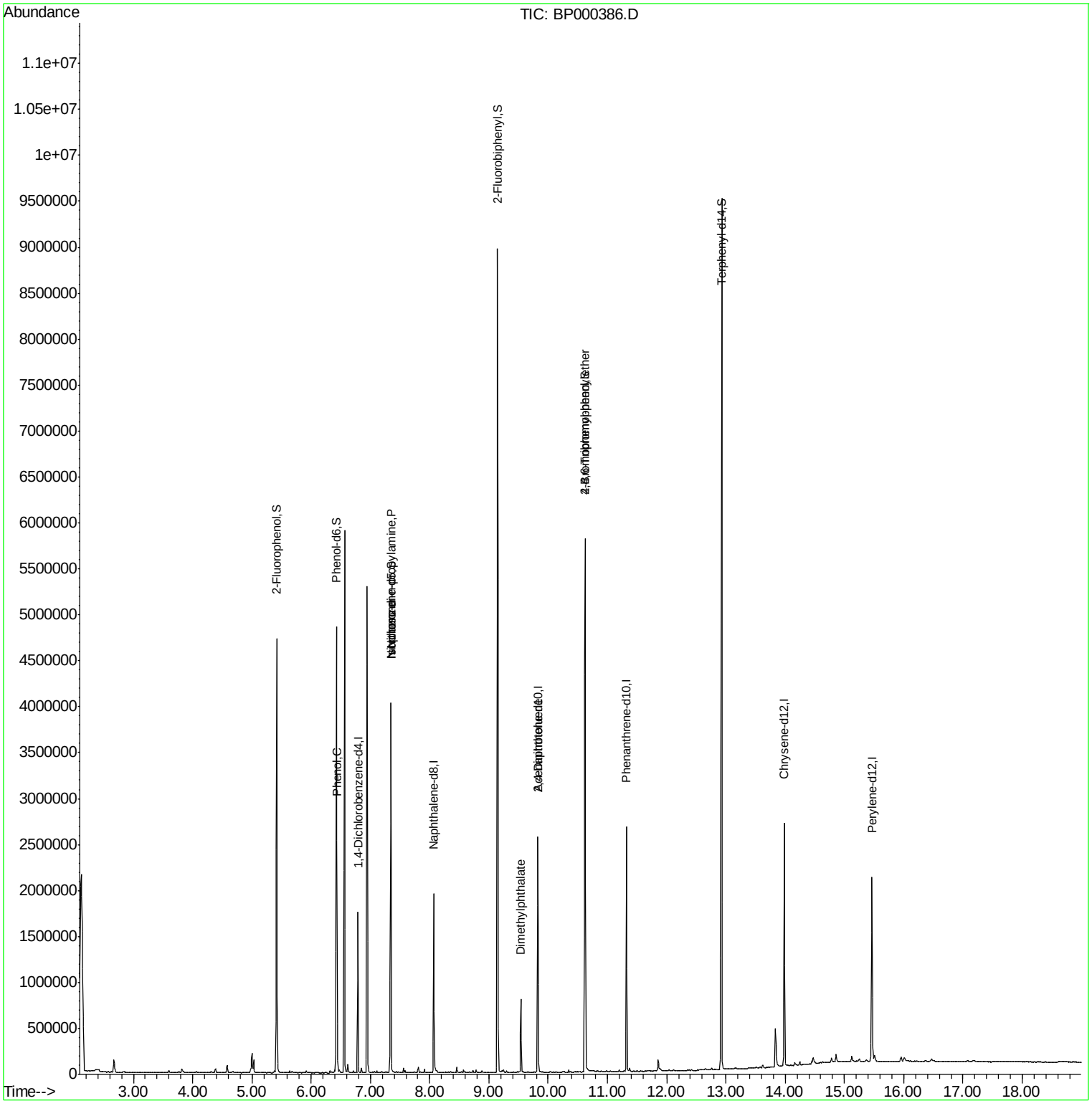
(#) = qualifier out of range (m) = manual integration (+) = signals summed

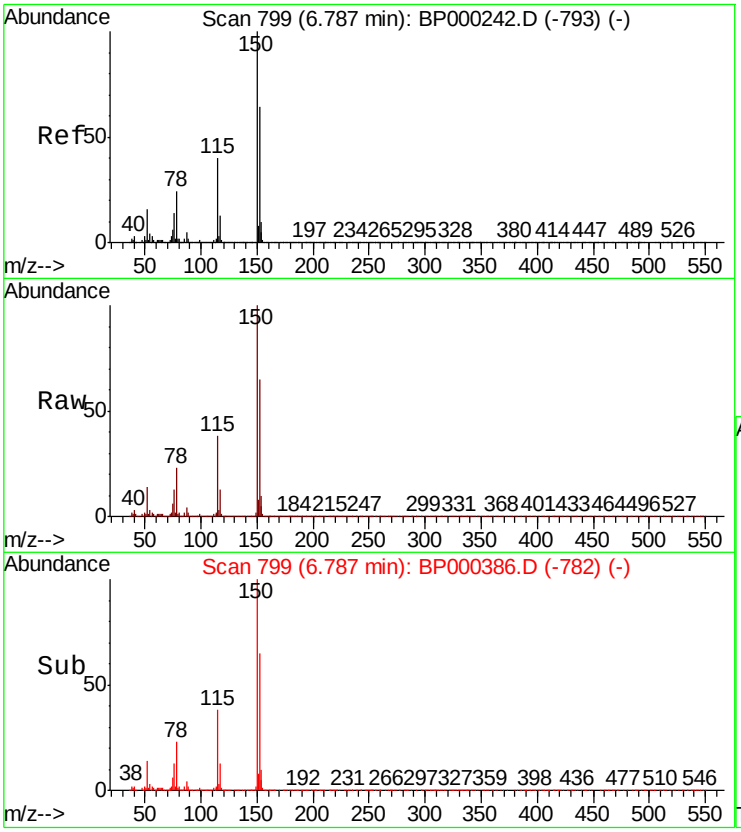
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000386.D
Acq On : 24 Sep 2019 16:11
Operator : JU
Sample : K4665-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 24 17:00:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



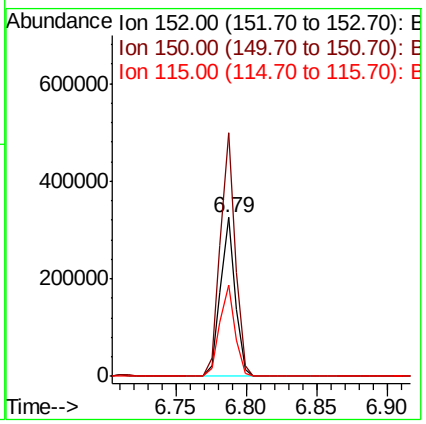


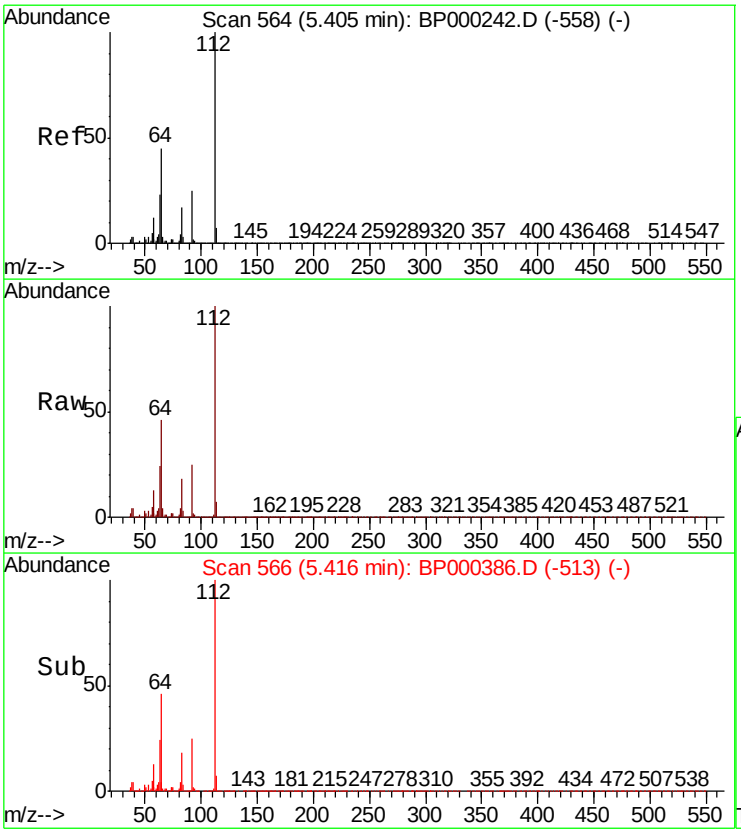

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:152 Resp: 238735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.6 | 125.2 | 187.8 |
| 115 | 57.9 | 49.7 | 74.5 |

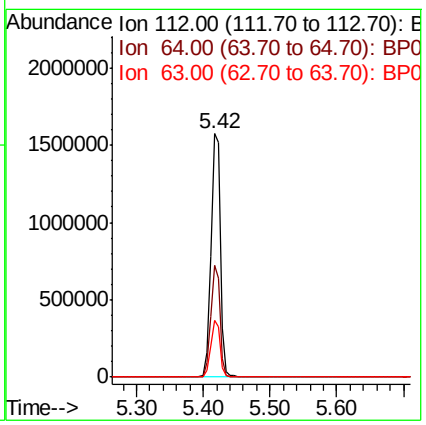


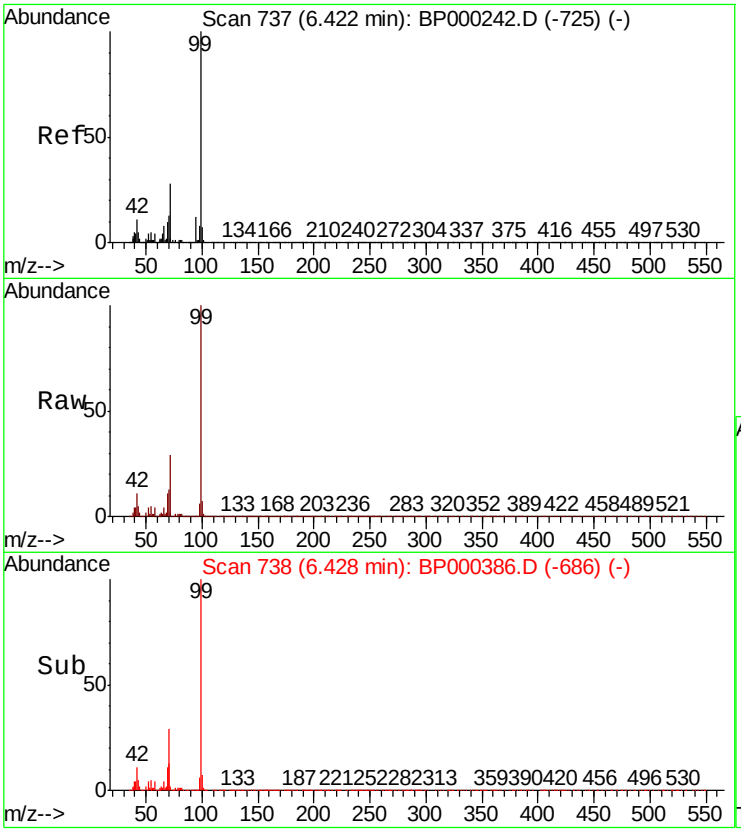




#5
2-Fluorophenol
Concen: 113.585 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:112 Resp: 1570751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.9 | 36.2 | 54.4 |
| 63 | 23.5 | 18.3 | 27.5 |



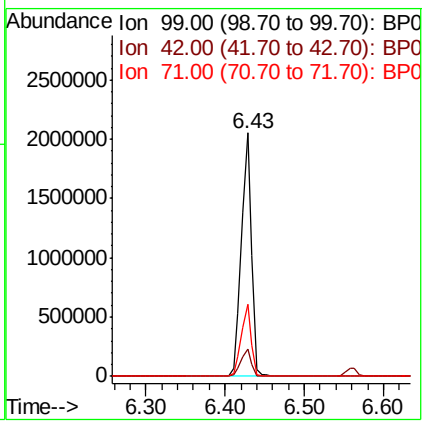


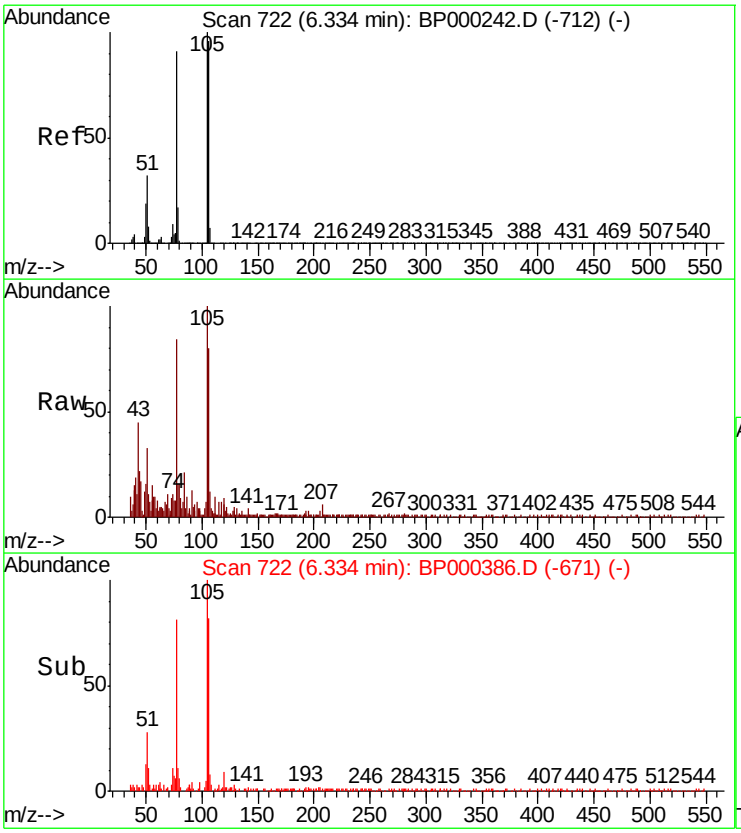

#7
Phenol-d6
Concen: 108.380 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion: 99 Resp: 1837178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.0 | 8.5 | 12.7 |
| 71 | 29.4 | 22.6 | 34.0 |

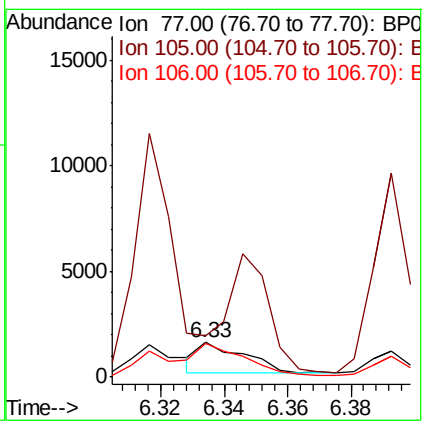


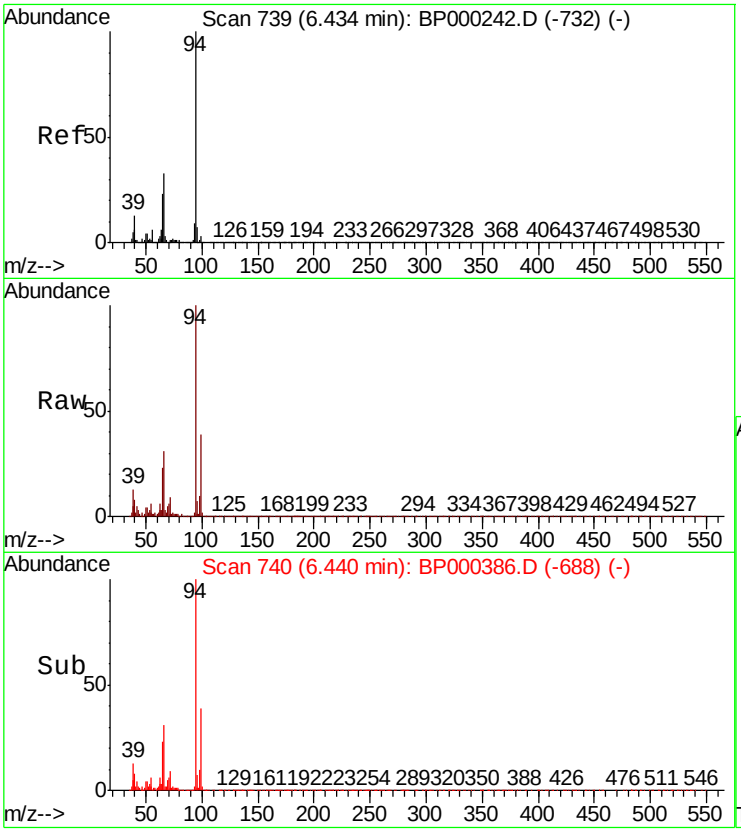




#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion: 77 Resp: 1498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 119.6 | 89.6 | 129.6 |
| 106 | 95.8 | 84.6 | 124.6 |



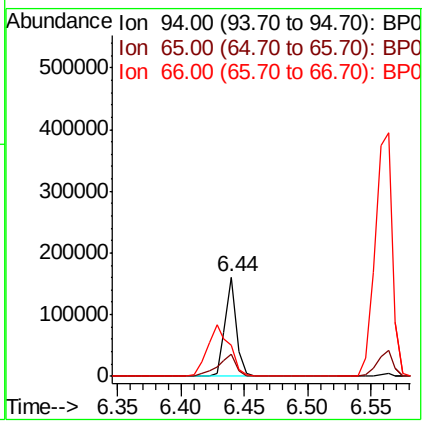


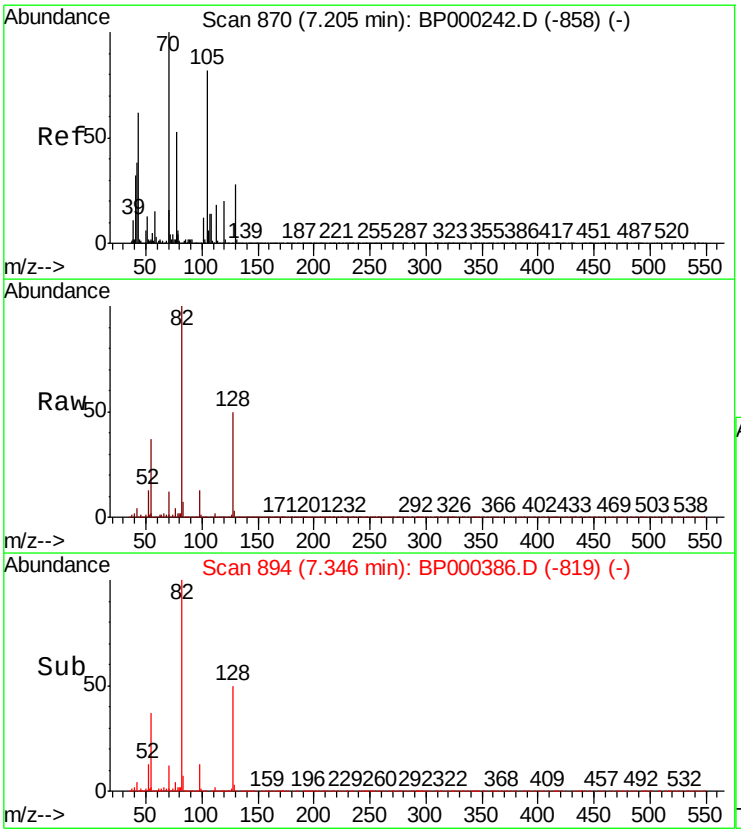

#10
Phenol
Concen: 5.289 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion: 94 Resp: 101864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 22.7 | 3.3 | 43.3 |
| 66 | 31.4 | 12.7 | 52.7 |

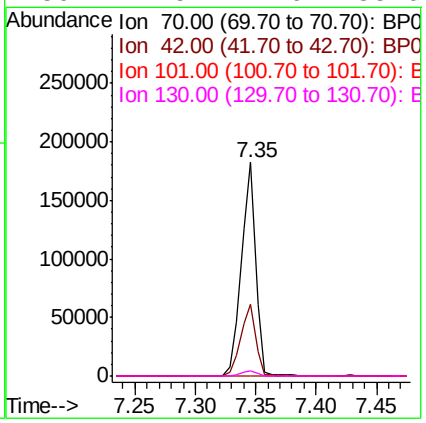


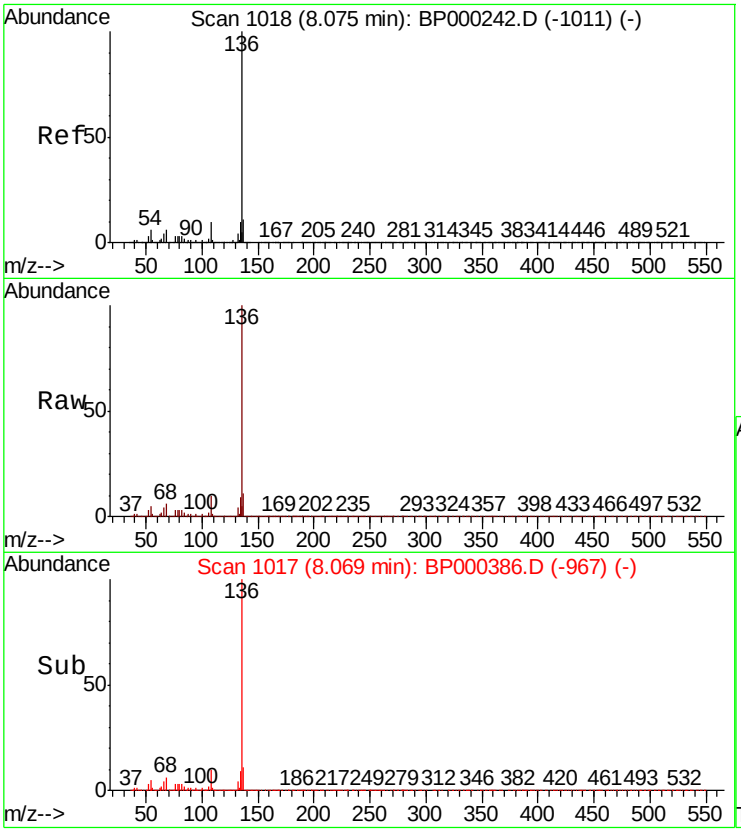




#19
n-Nitroso-di-n-propylamine
Concen: 16.968 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion: 70 Resp: 152077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 33.4 | 30.7 | 46.1 |
| 101 | 0.1 | 9.6 | 14.4# |
| 130 | 2.5 | 22.0 | 33.0# |



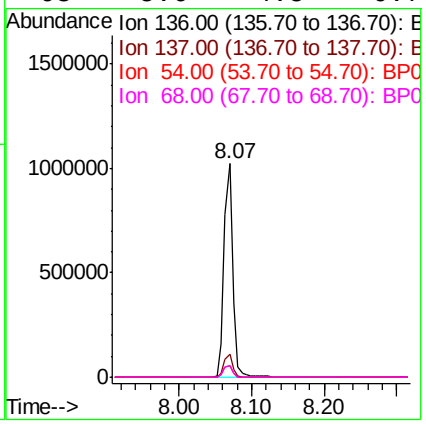


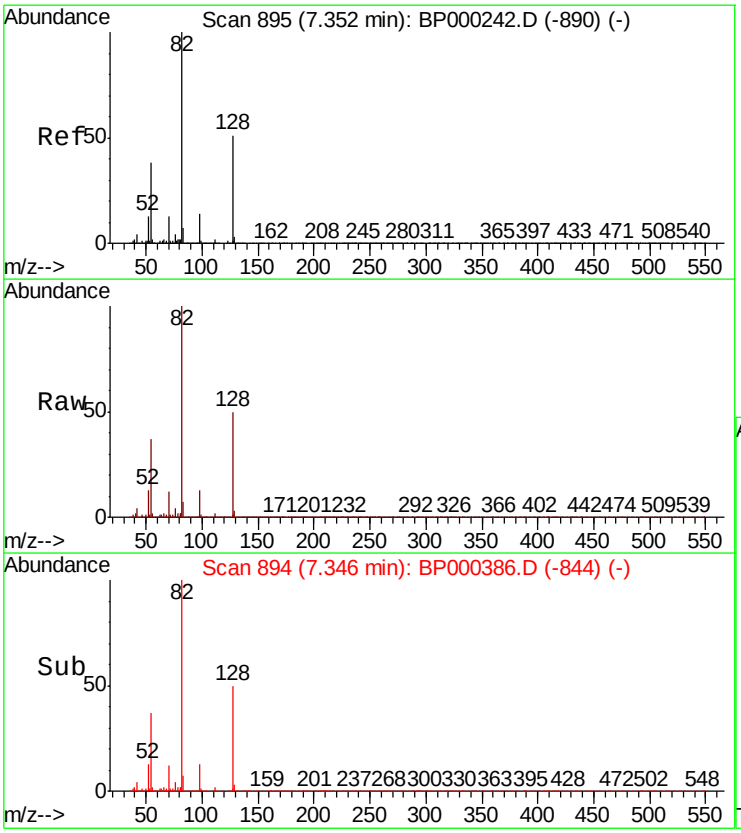

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:136 Resp: 861780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 5.4 | 4.5 | 6.7 |
| 68 | 5.6 | 4.5 | 6.7 |

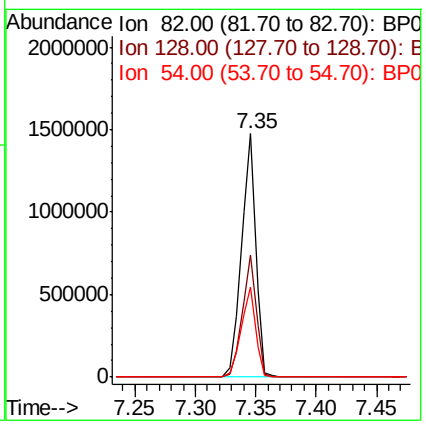


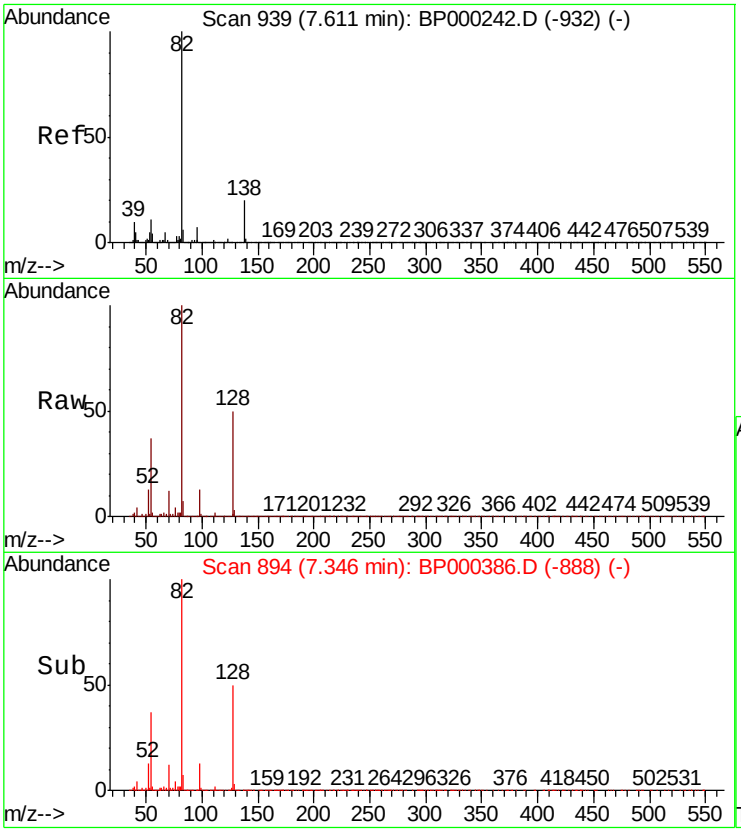




#23
Nitrobenzene-d5
Concen: 92.364 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion: 82 Resp: 1233690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 40.7 | 61.1 |
| 54 | 37.2 | 30.1 | 45.1 |



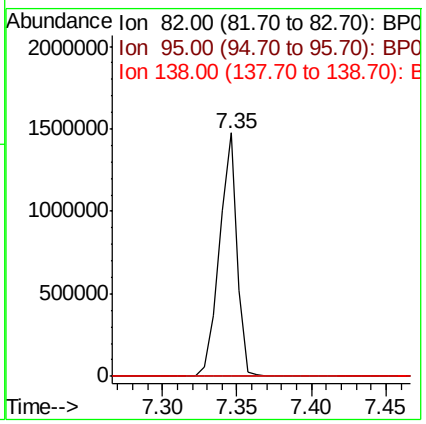


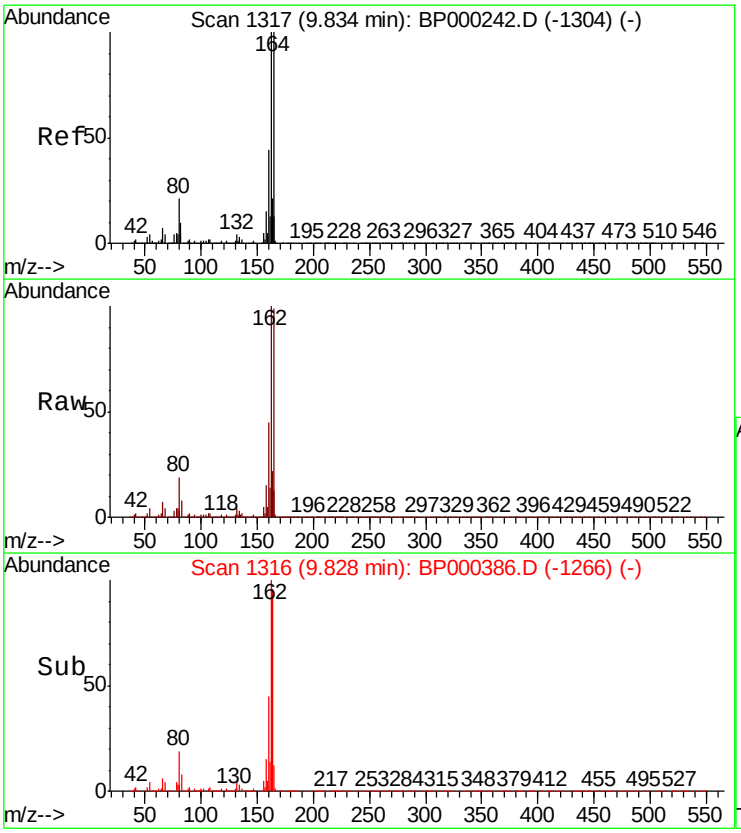

#25
Isophorone
Concen: 46.629 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion: 82 Resp: 1233278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.9 | 8.9# |
| 138 | 0.0 | 15.9 | 23.9# |

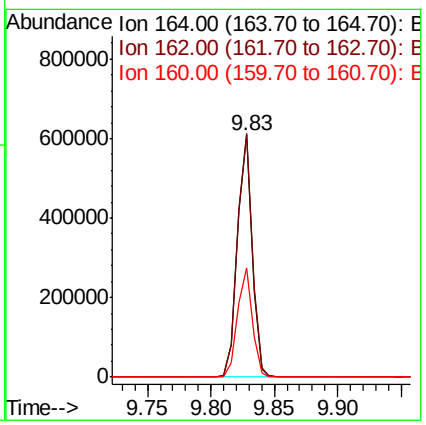


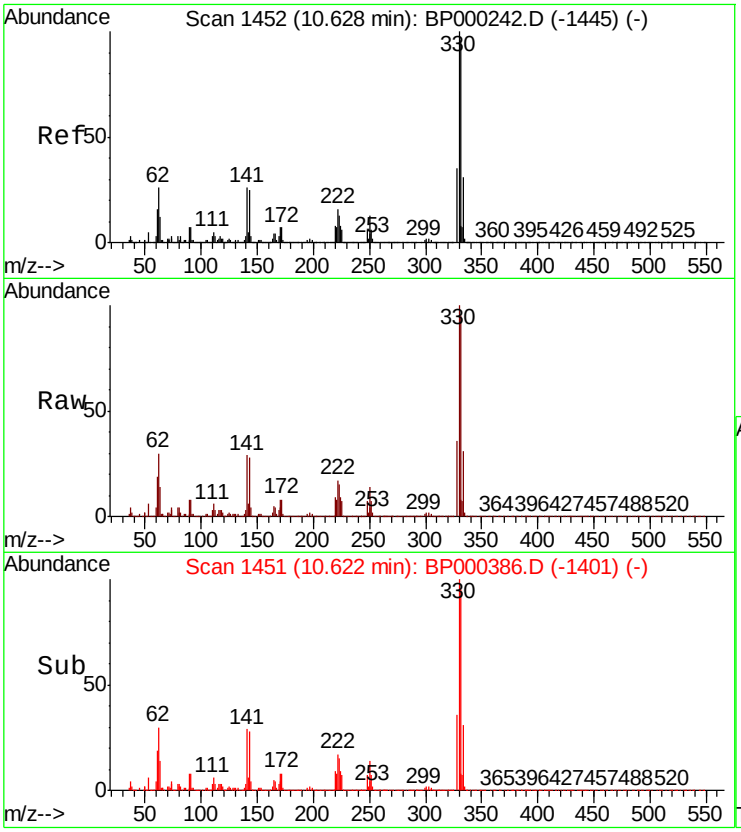




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:164 Resp: 480269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 79.9 | 119.9 |
| 160 | 45.3 | 35.6 | 53.4 |



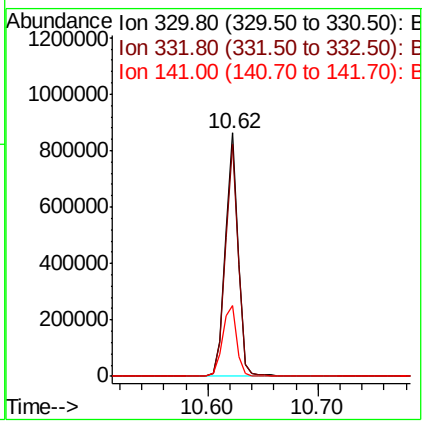


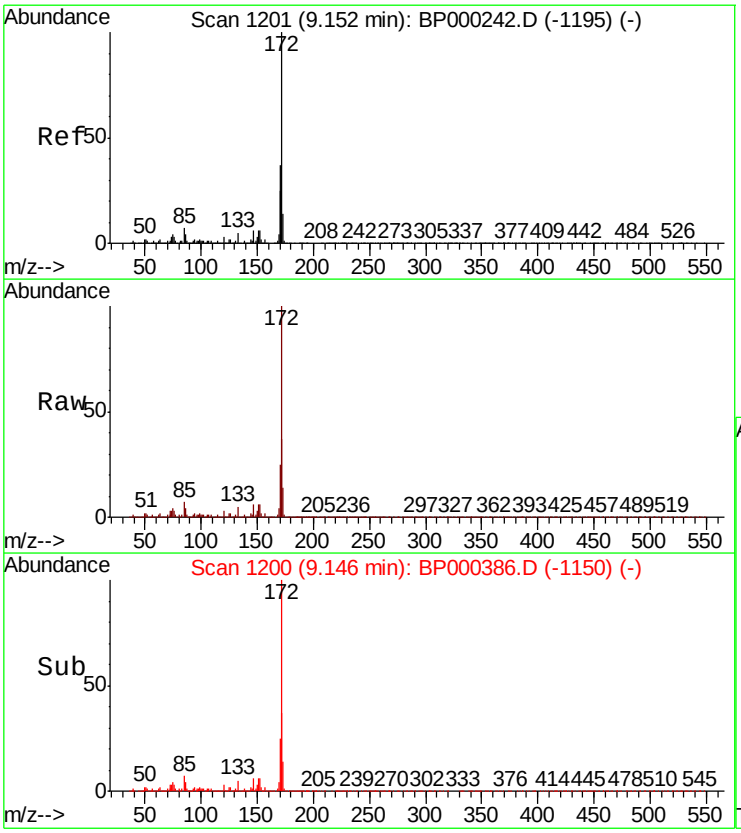

#42
2,4,6-Tribromophenol
Concen: 148.205 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:330 Resp: 705994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.6 | 115.0 |
| 141 | 32.6 | 26.5 | 39.7 |

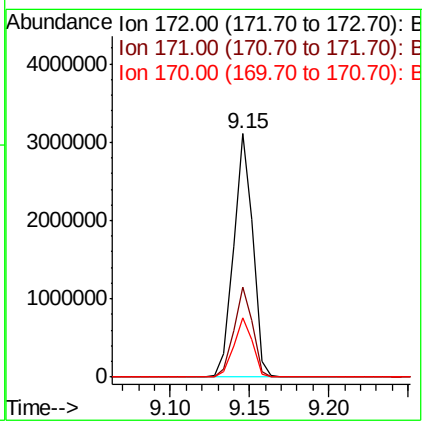


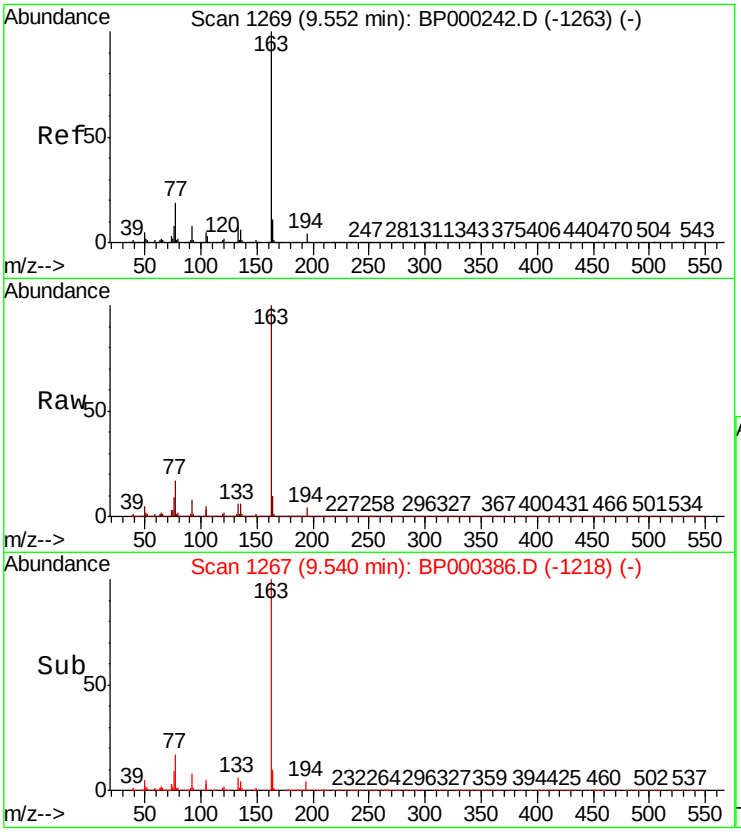




#45
2-Fluorobiphenyl
Concen: 97.664 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:172 Resp: 2606107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.8 | 44.6 |
| 170 | 24.6 | 19.8 | 29.6 |



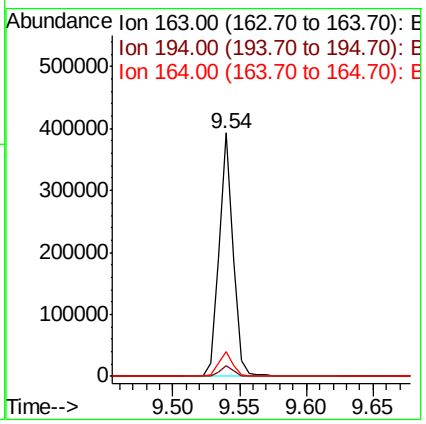


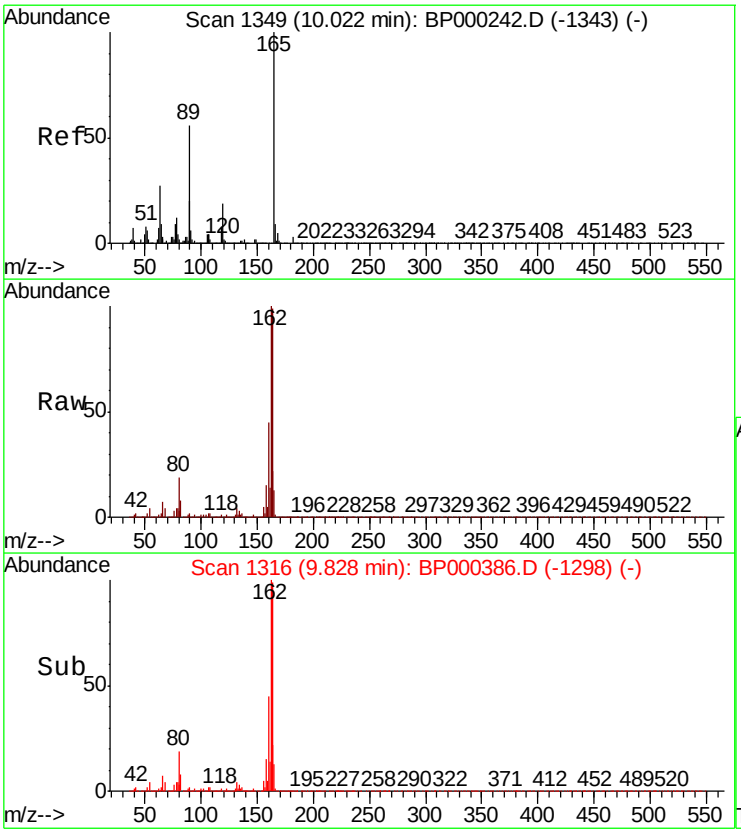

#50
Dimethylphthalate
Concen: 8.953 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:163 Resp: 292967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.0 |
| 164 | 10.2 | 8.5 | 12.7 |

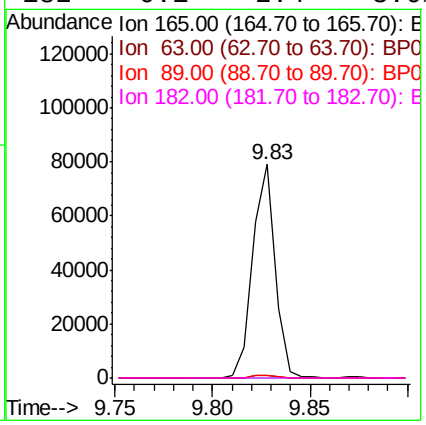


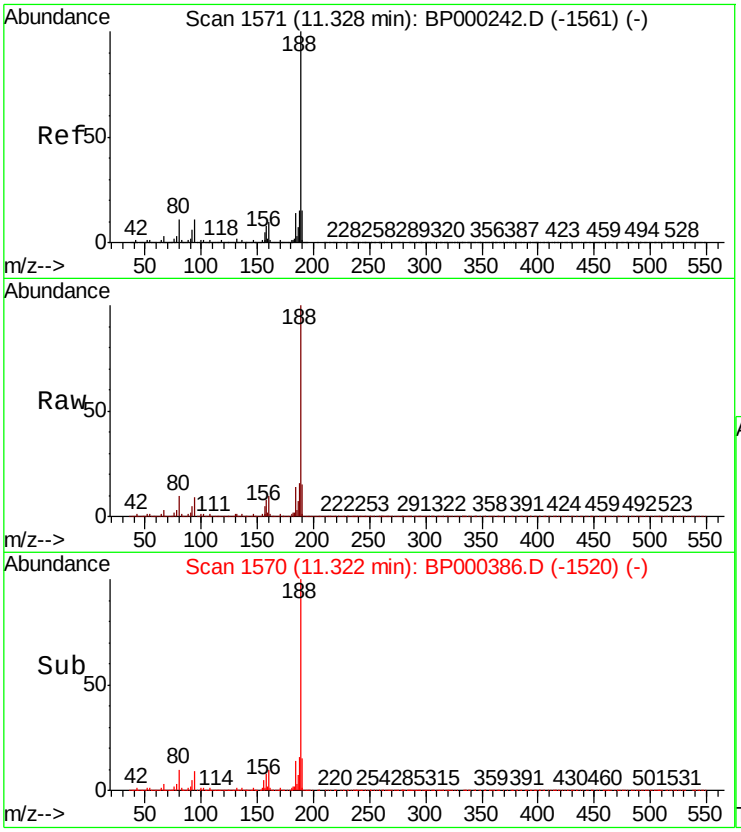




#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:165 Resp: 62888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 21.7 | 32.5# |
| 89 | 1.3 | 45.0 | 67.6# |
| 182 | 0.1 | 2.4 | 3.6# |



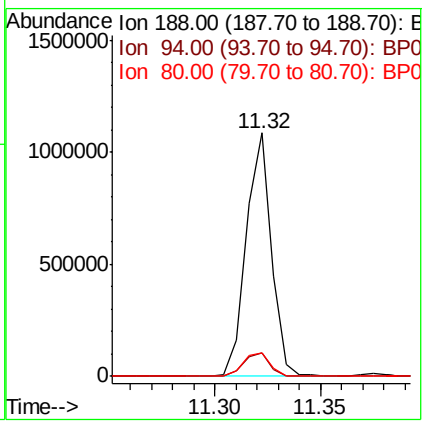


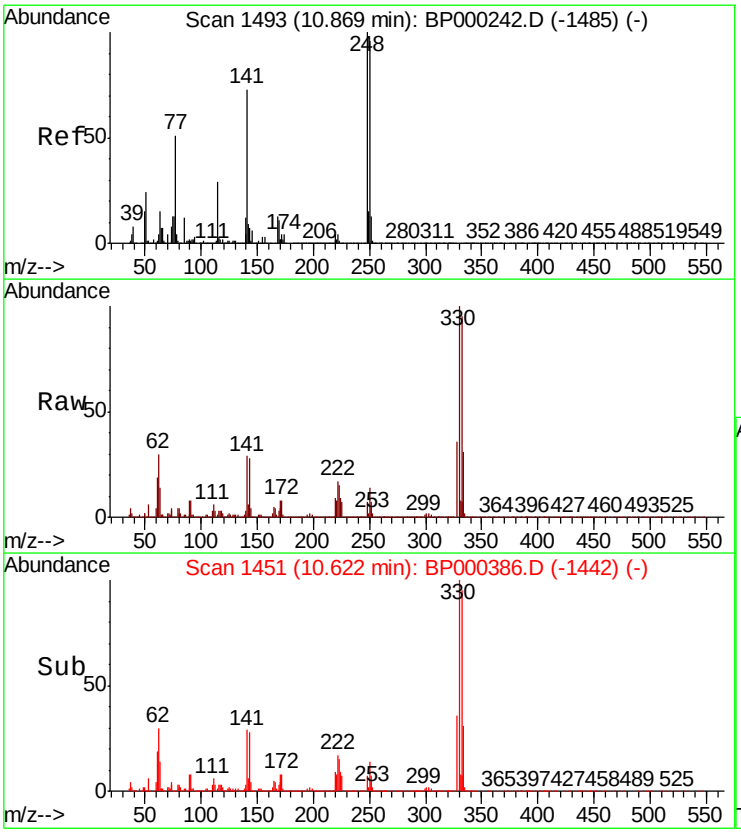

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:188 Resp: 901843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 8.5 | 12.7 |
| 80 | 9.7 | 8.6 | 13.0 |

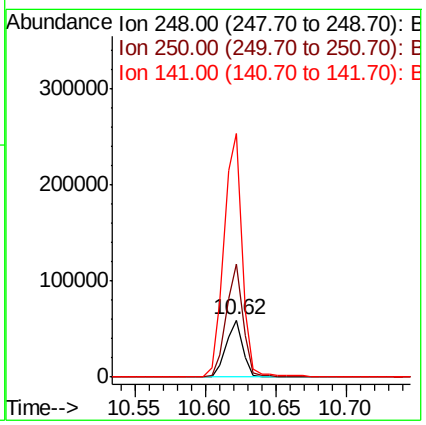


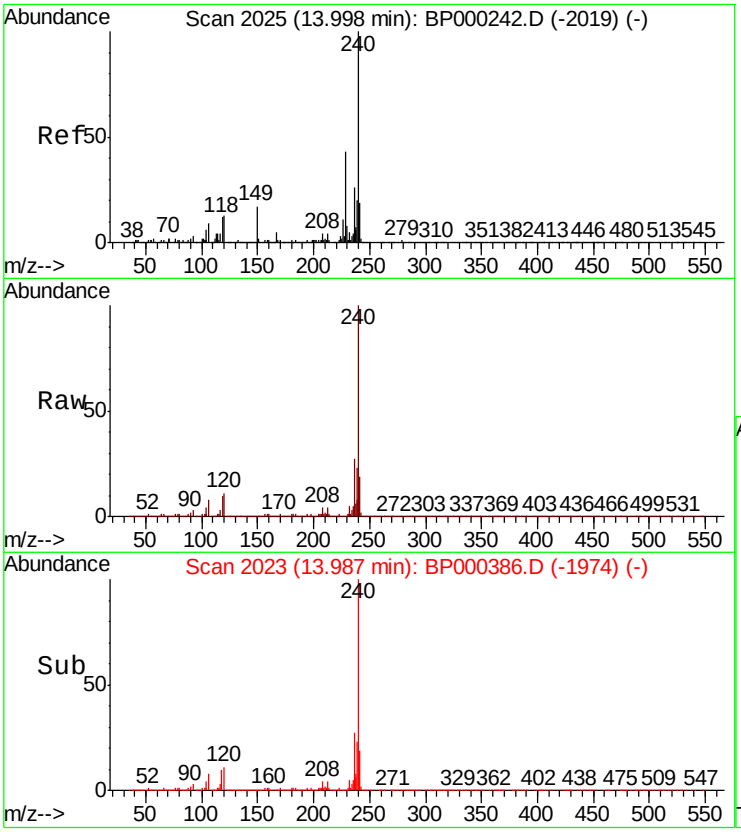




#67
4-Bromophenyl-phenylether
Concen: 4.825 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:248 Resp: 49207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 199.8 | 77.0 | 115.4# |
| 141 | 427.9 | 58.5 | 87.7# |



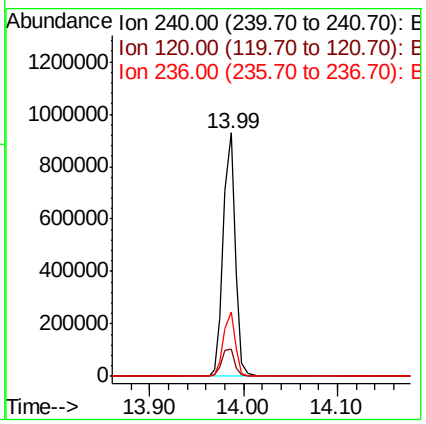


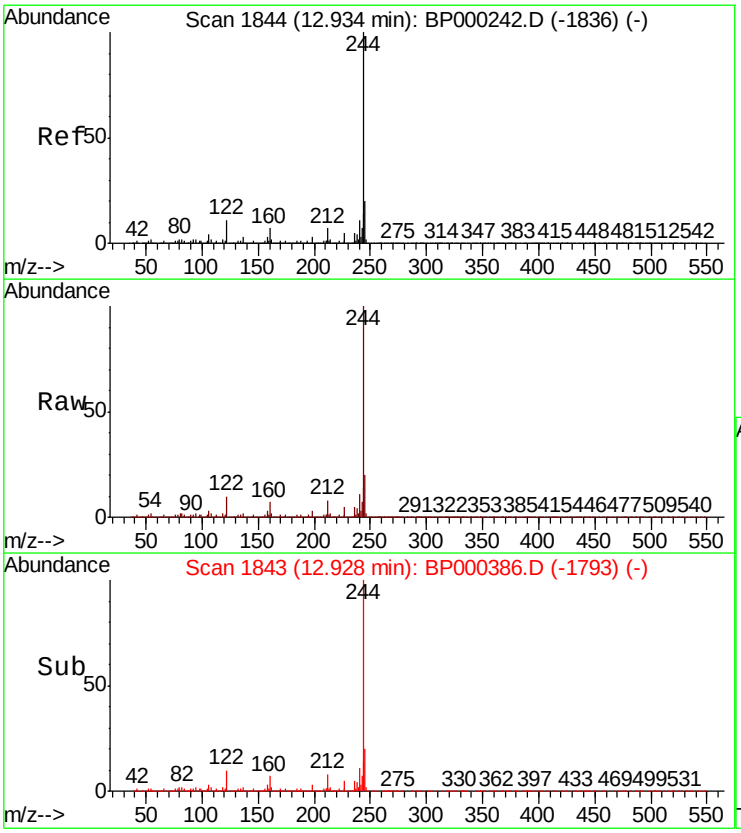

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:240 Resp: 828315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 10.4 | 15.6 |
| 236 | 26.6 | 21.0 | 31.6 |

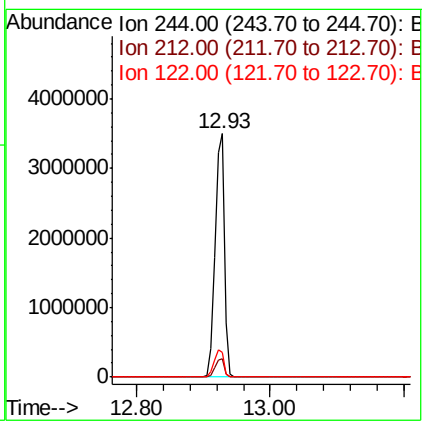


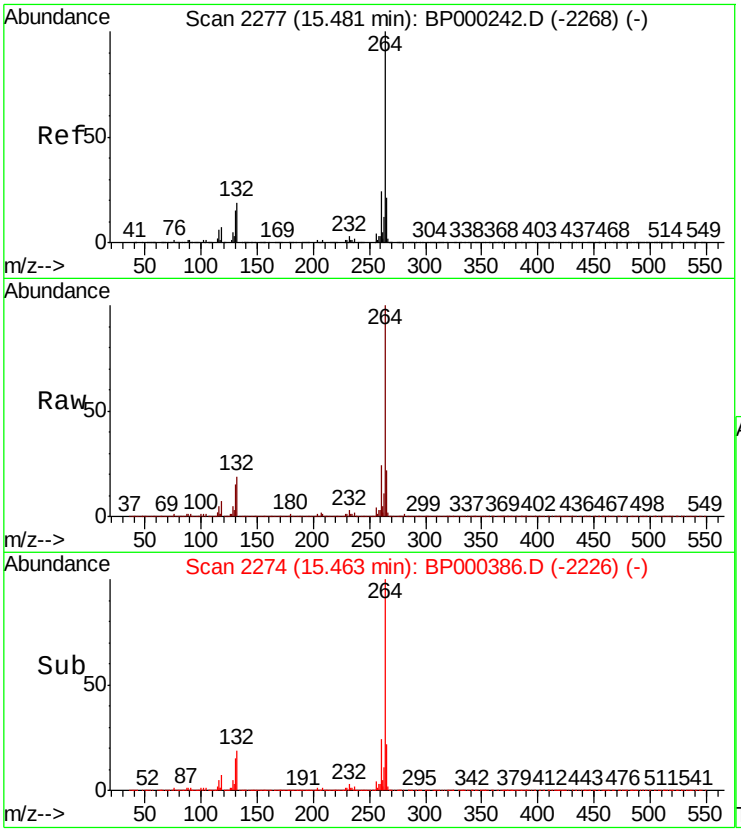




#79
Terphenyl-d14
Concen: 87.086 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

Tgt Ion:244 Resp: 3438528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.9 | 8.9 |
| 122 | 10.0 | 9.0 | 13.4 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BP000386.D
Acq: 24 Sep 2019 16:11

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

Tgt Ion:264 Resp: 909137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.9 | 28.3 |
| 265 | 21.8 | 17.2 | 25.8 |