Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000297.D
Acq On : 18 Sep 2019 15:12
Operator : HP/JU
Sample : K4938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 19 03:18:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 319670 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 1155973 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 631170 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 1149819 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.99 | 240 | 971717 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 1012835 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 1617809 | 87.37 | ng | | 0.01 |
| 7) Phenol-d6 | 6.43 | 99 | 2075465 | 91.44 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 1170944 | 65.36 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 691376 | 110.44 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.15 | 172 | 2237063 | 63.79 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.93 | 244 | 2596947 | 56.07 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.43 | 77 | 3507 | Below Cal | | # | 2 |
| 10) Phenol | 6.43 | 94 | 63300 | 2.455 | ng | | 76 |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70 | 143294 | 11.940 | ng | # | 75 |
| 25) Isophorone | 7.35 | 82 | 1166613 | 32.883 | ng | # | 63 |
| 50) Dimethylphthalate | 9.54 | 163 | 359729 | 8.365 | ng | | 100 |
| 57) 2,4-Dinitrotoluene | 9.83 | 165 | 83912 | 6.789 | ng | # | 35 |
| 67) 4-Bromophenyl-phenylether | 10.62 | 248 | 46802 | 3.600 | ng | # | 1 |
| 69) Atrazine | 11.02 | 200 | 41 | Below Cal | | # | 1 |
| 75) Fluoranthene | 12.55 | 202 | 222014 | 3.588 | ng | | 98 |
| 78) Pyrene | 12.77 | 202 | 187146 | 2.574 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.04 | 252 | 144178 | 2.386 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.04 | 252 | 144178 | 2.736 | ng | | 99 |

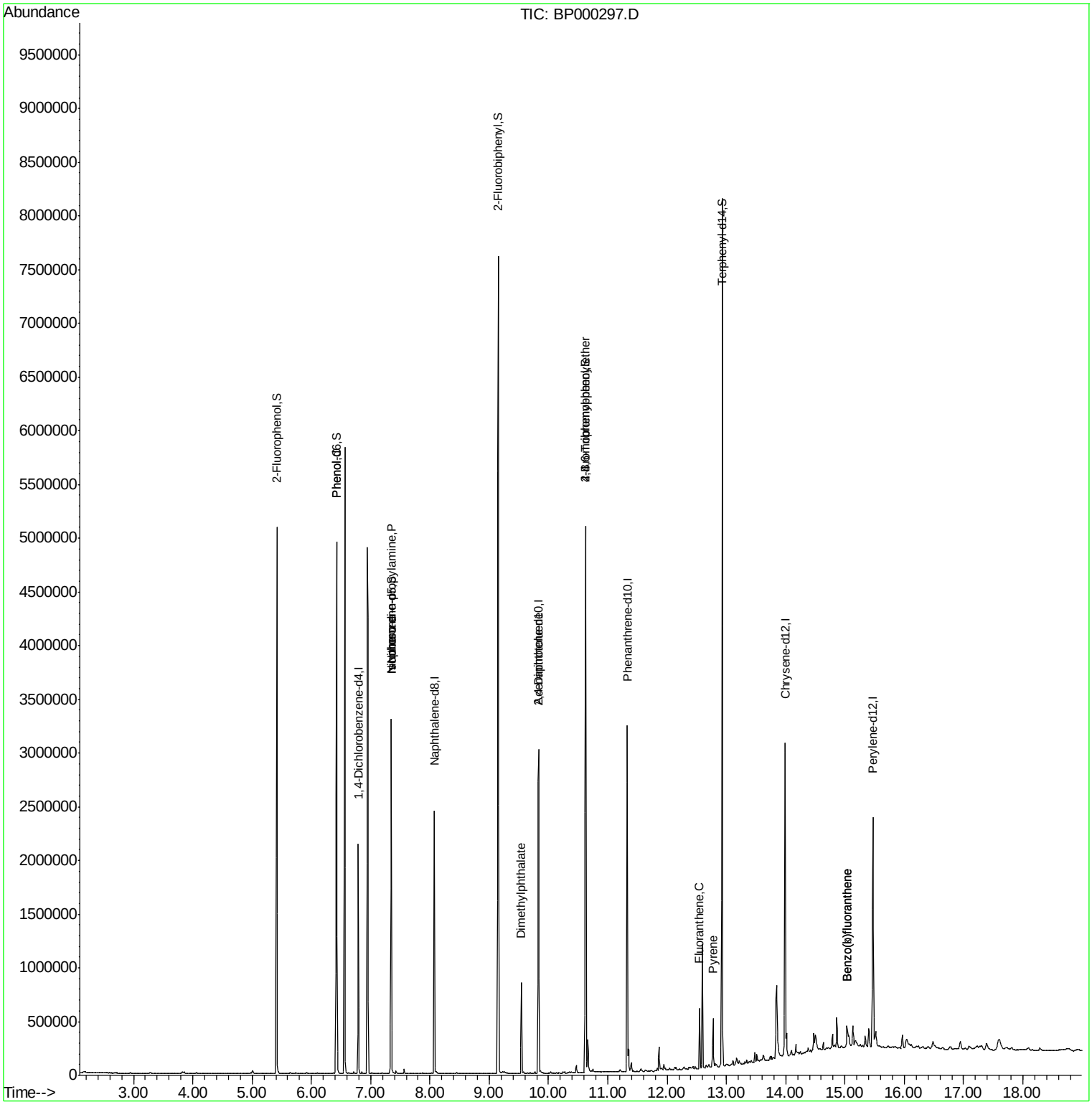
(#) = qualifier out of range (m) = manual integration (+) = signals summed

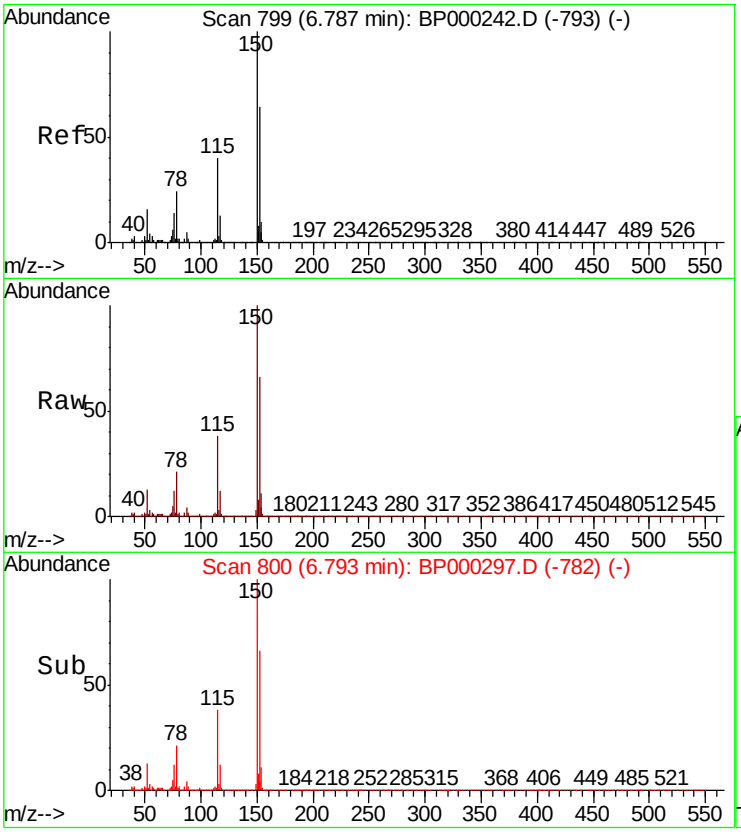
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000297.D
Acq On : 18 Sep 2019 15:12
Operator : HP/JU
Sample : K4938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 19 03:18:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration



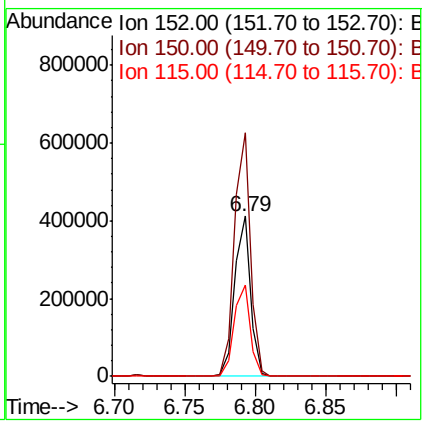


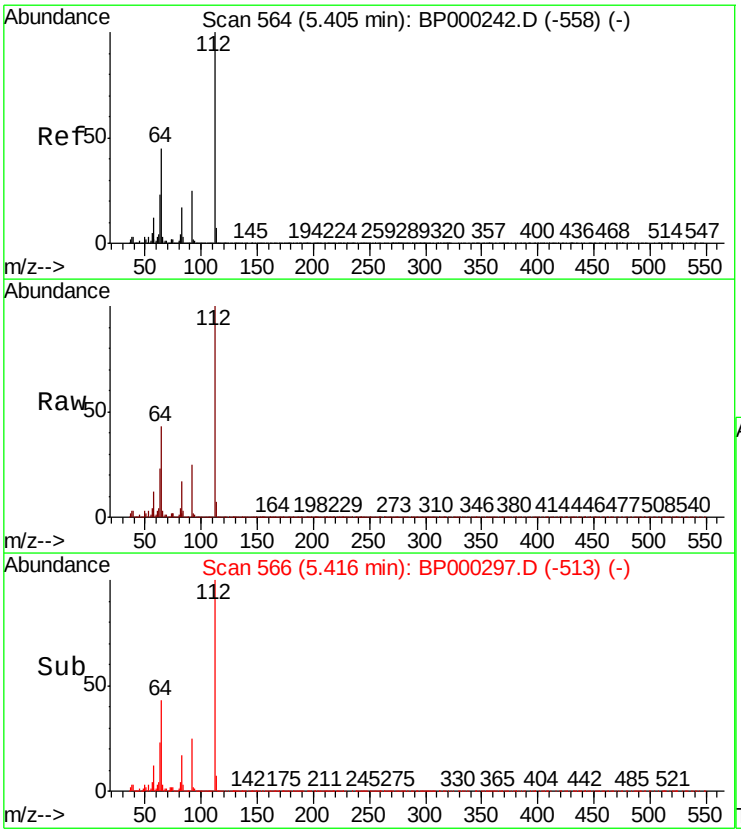

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:152 Resp: 319670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 125.2 | 187.8 |
| 115 | 57.2 | 49.7 | 74.5 |

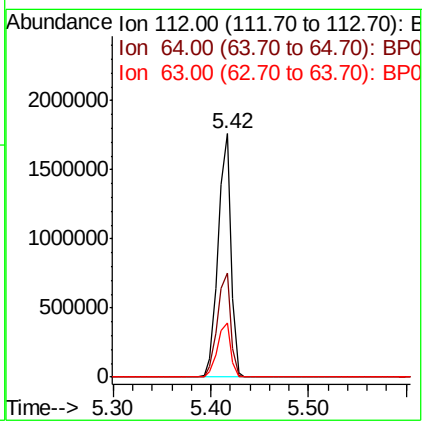


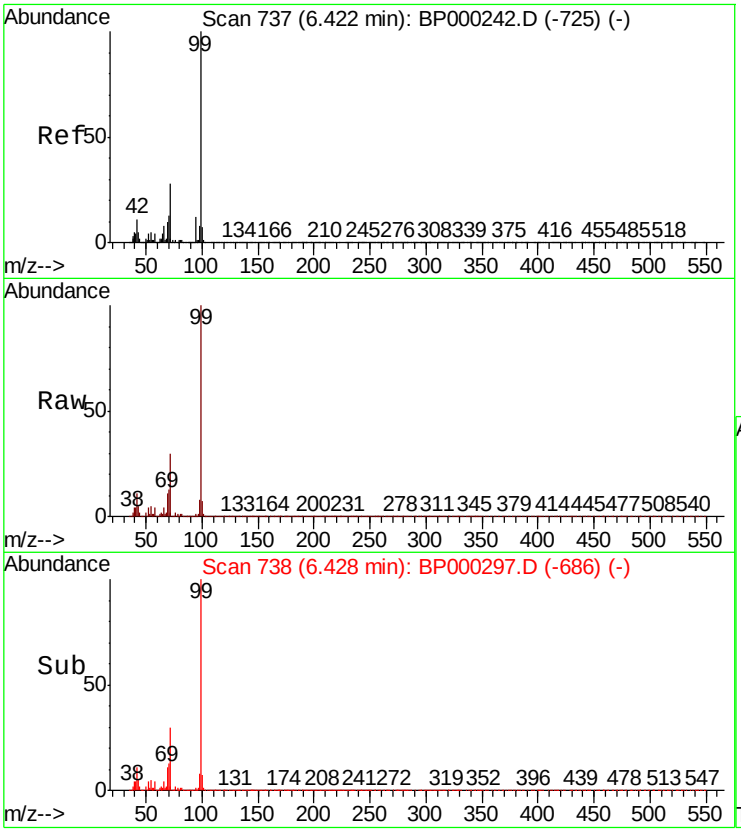




#5
2-Fluorophenol
Concen: 87.368 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:112 Resp: 1617809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 43.0 | 36.2 | 54.4 |
| 63 | 22.5 | 18.3 | 27.5 |



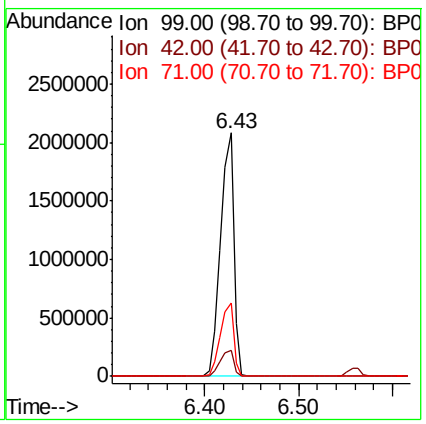


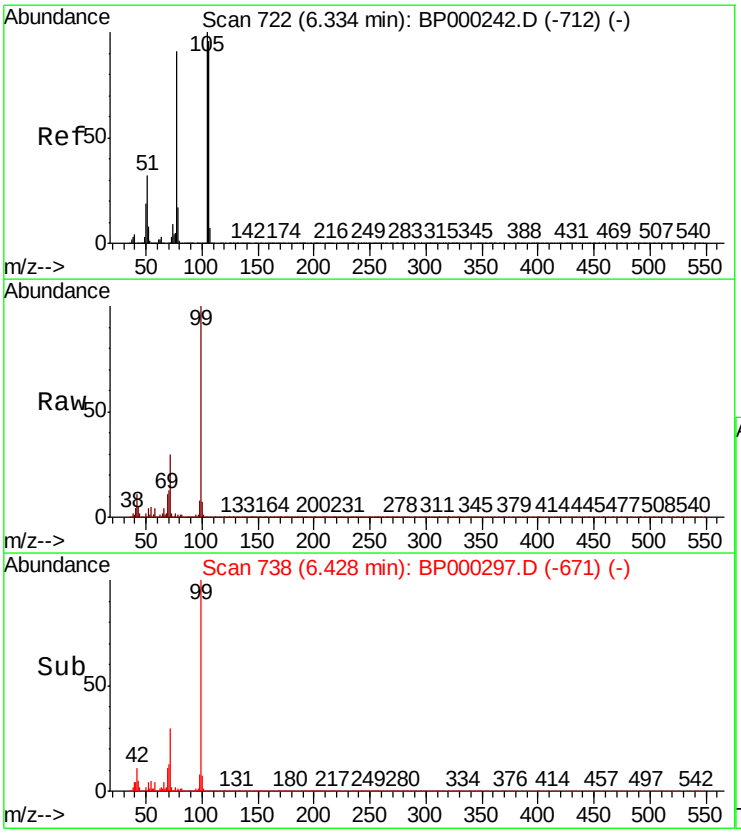

#7
Phenol-d6
Concen: 91.438 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion: 99 Resp: 2075465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 10.6 | 8.5 | 12.7 |
| 71 | 30.1 | 22.6 | 34.0 |

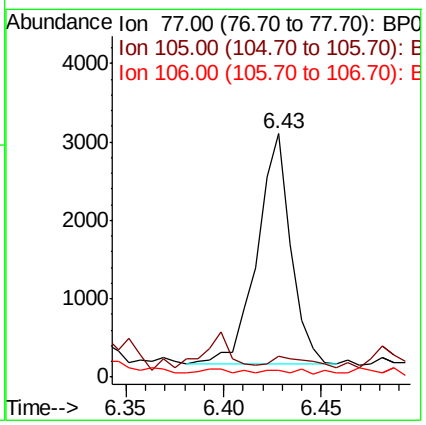


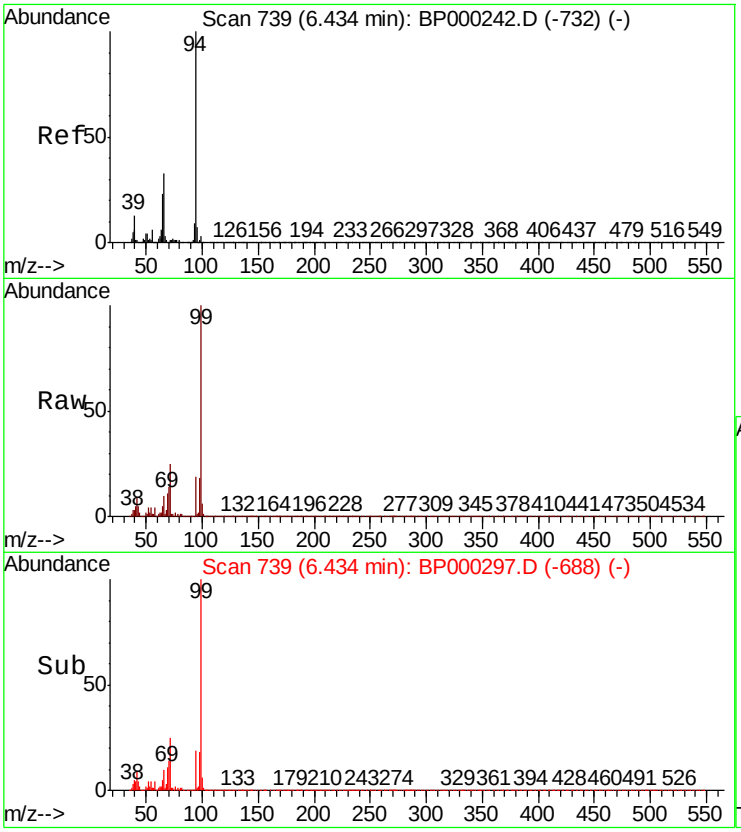




#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 738
Delta R.T. 0.09 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion: 77 Resp: 3507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 8.6 | 89.6 | 129.6# |
| 106 | 2.6 | 84.6 | 124.6# |



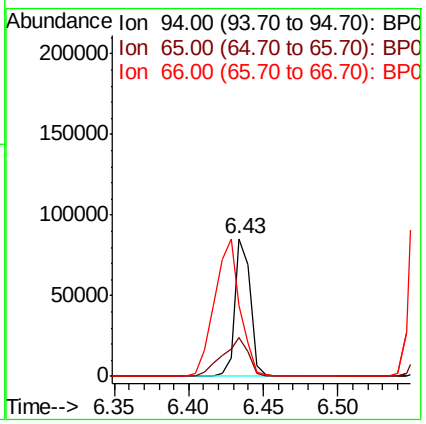


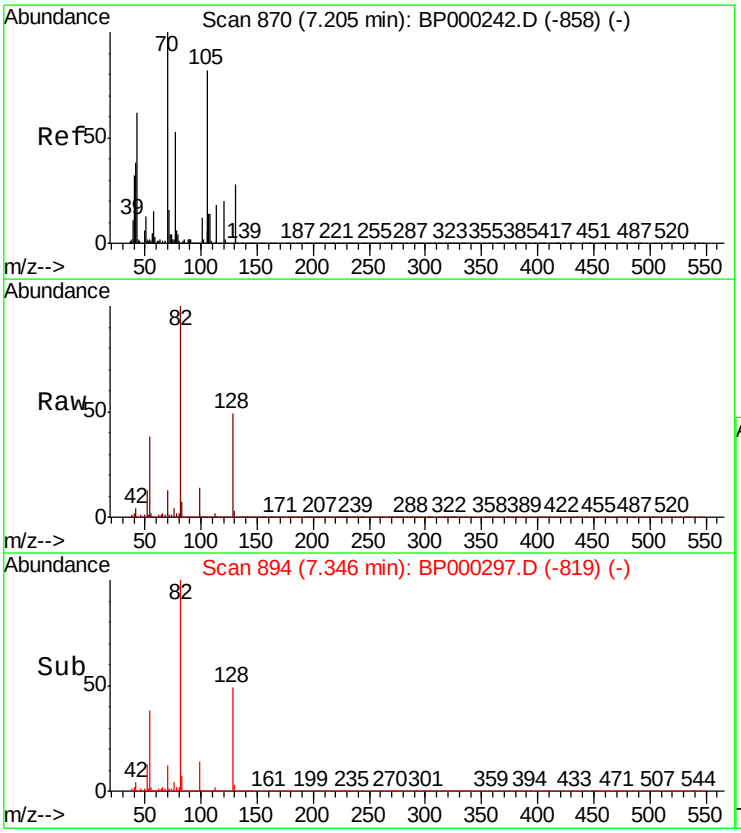

#10
Phenol
Concen: 2.455 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion: 94 Resp: 63300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.6 | 3.3 | 43.3 |
| 66 | 51.9 | 12.7 | 52.7 |

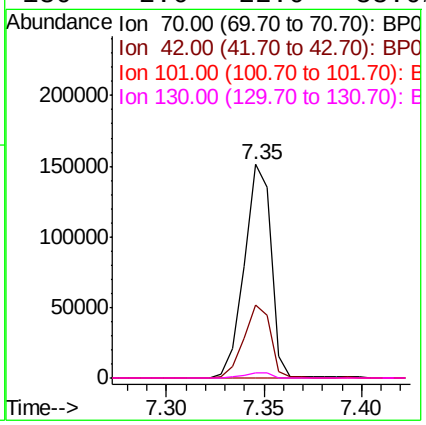


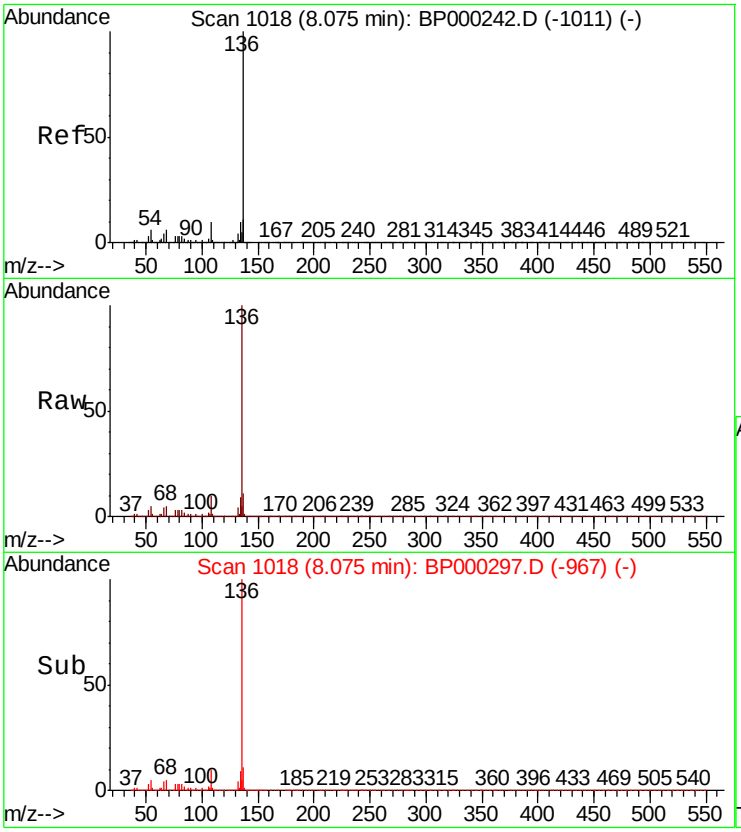




#19
n-Nitroso-di-n-propylamine
Concen: 11.940 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion: 70 Resp: 143294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 33.9 | 30.7 | 46.1 |
| 101 | 0.0 | 9.6 | 14.4# |
| 130 | 2.6 | 22.0 | 33.0# |



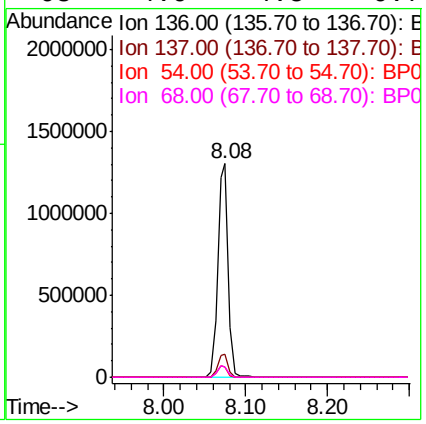


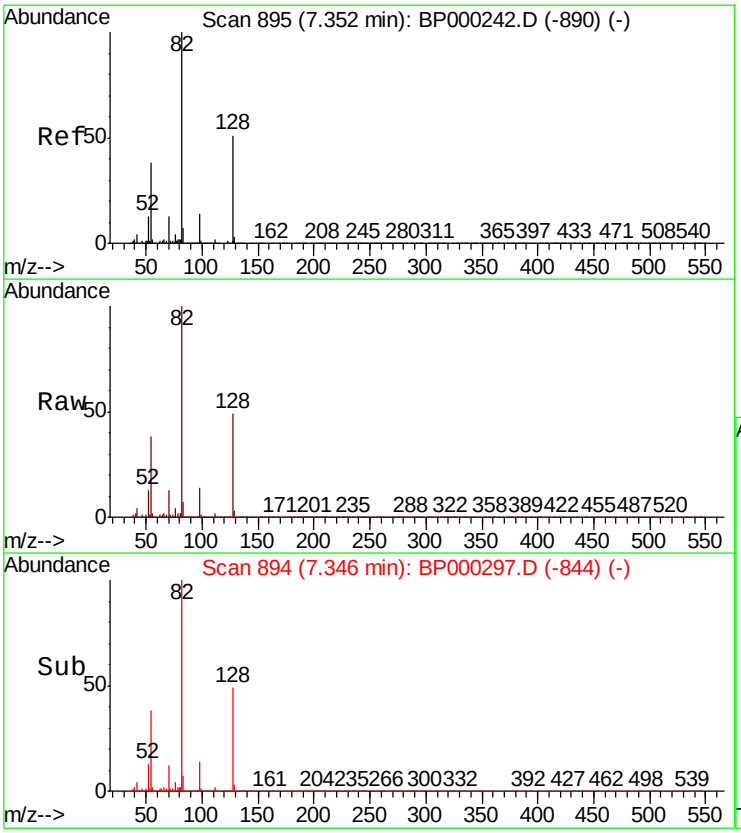

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:136 Resp: 1155973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 4.9 | 4.5 | 6.7 |
| 68 | 4.9 | 4.5 | 6.7 |

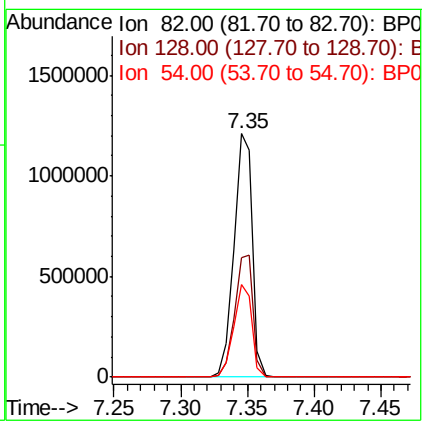


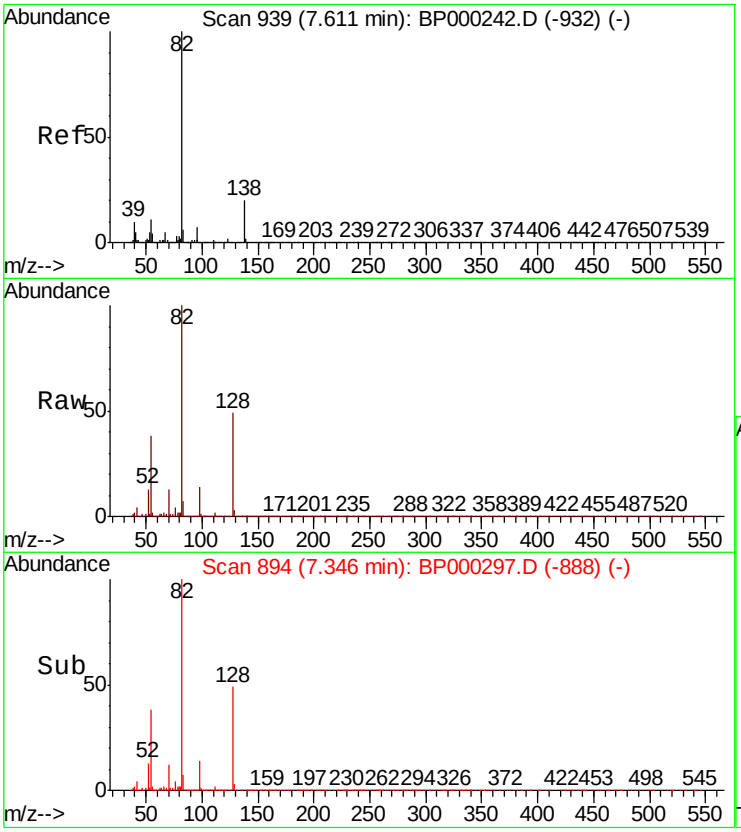




#23
Nitrobenzene-d5
Concen: 65.355 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion: 82 Resp: 1170944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.0 | 40.7 | 61.1 |
| 54 | 37.9 | 30.1 | 45.1 |



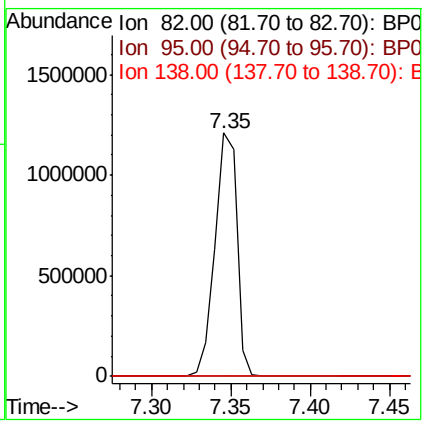


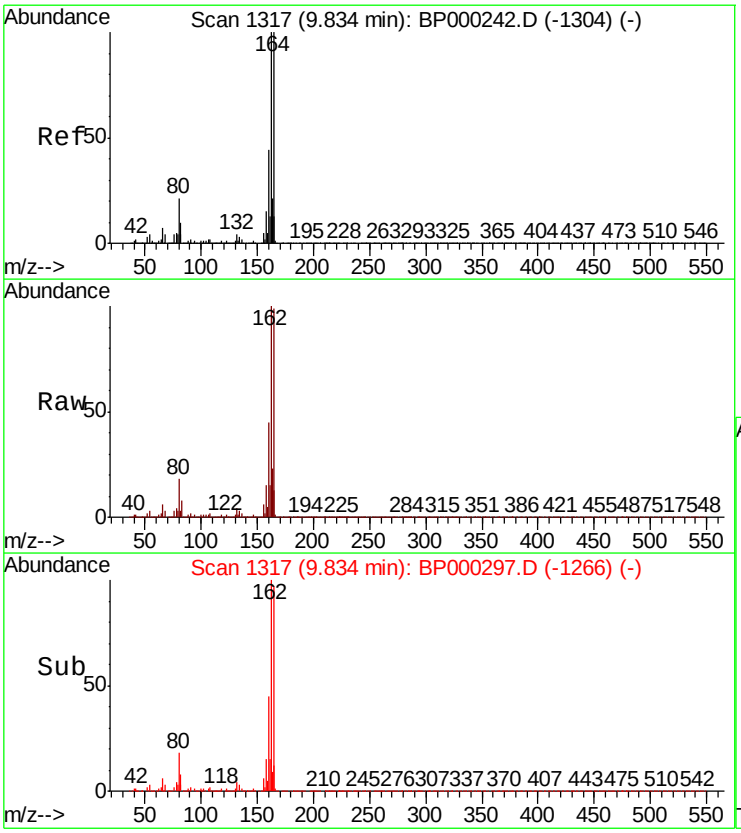

#25
Isophorone
Concen: 32.883 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion: 82 Resp: 1166613

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

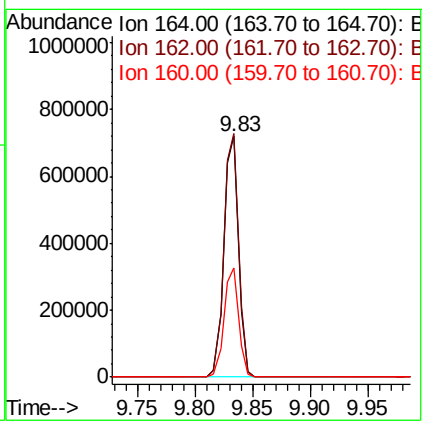


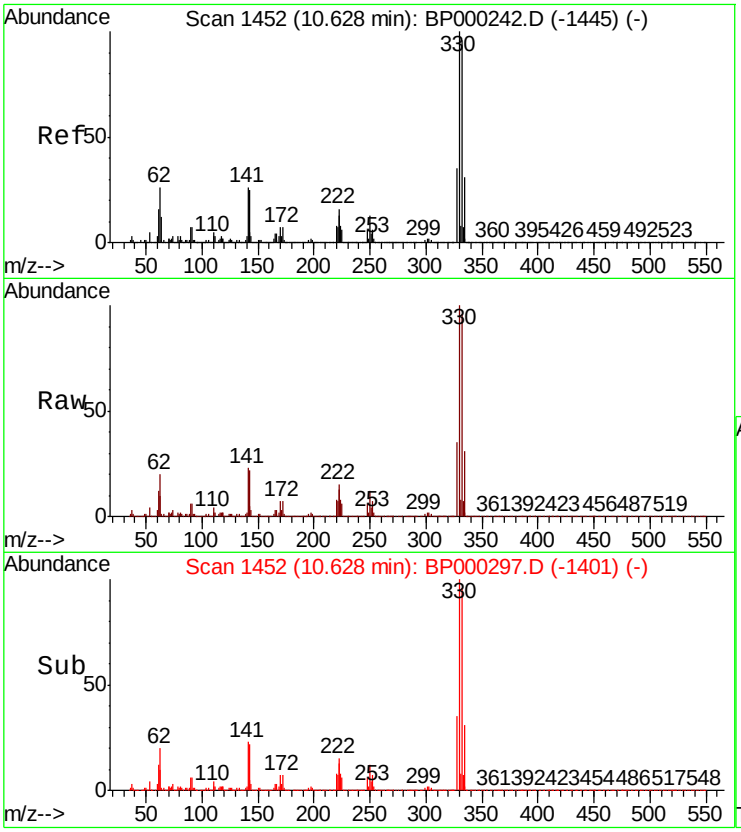




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:164 Resp: 631170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 79.9 | 119.9 |
| 160 | 45.2 | 35.6 | 53.4 |



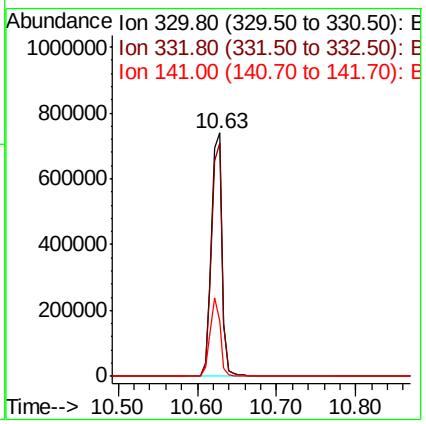


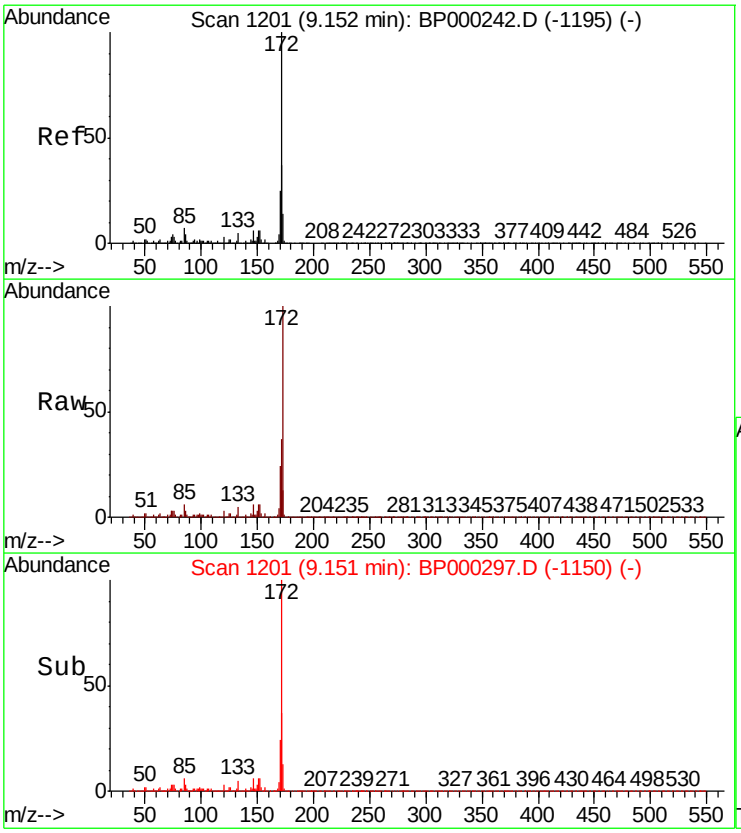

#42
2,4,6-Tribromophenol
Concen: 110.437 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:330 Resp: 691376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 76.6 | 115.0 |
| 141 | 30.4 | 26.5 | 39.7 |

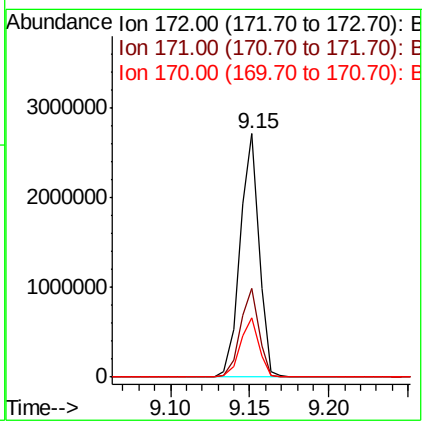


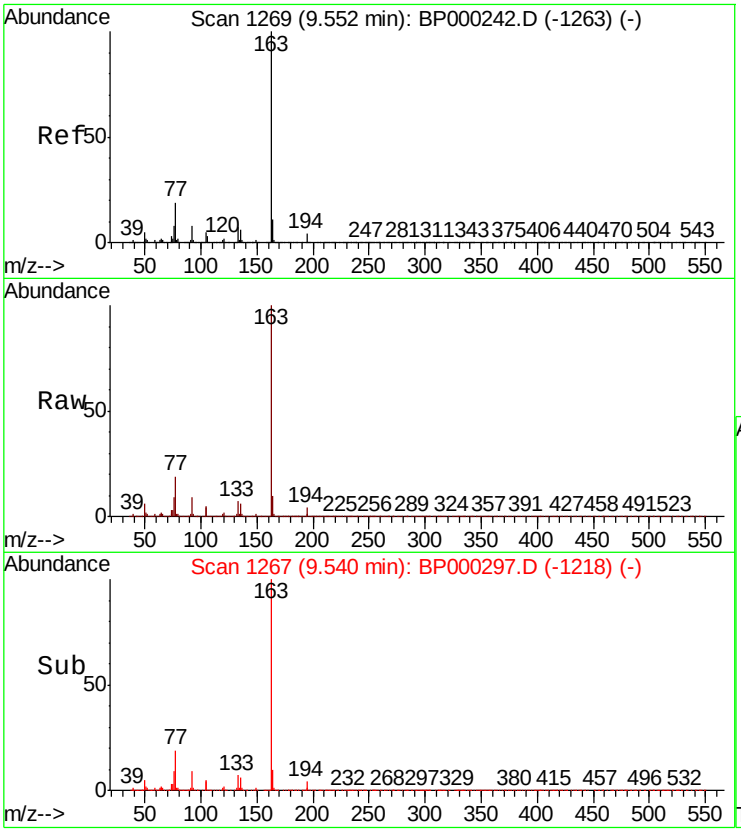




#45
2-Fluorobiphenyl
Concen: 63.791 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:172 Resp: 2237063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.8 | 44.6 |
| 170 | 24.3 | 19.8 | 29.6 |



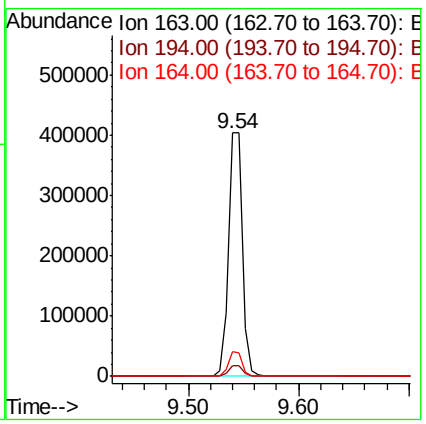


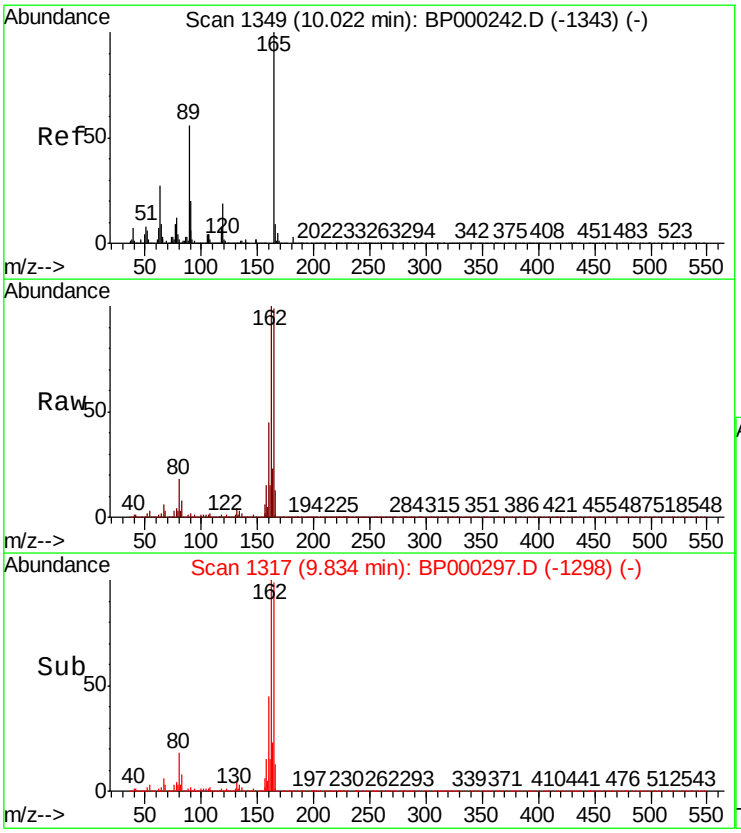

#50
Dimethylphthalate
Concen: 8.365 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:163 Resp: 359729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.0 |
| 164 | 10.4 | 8.5 | 12.7 |

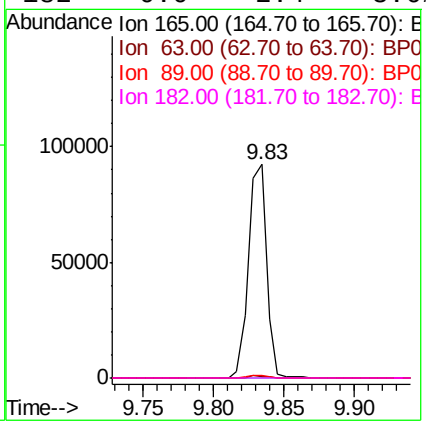


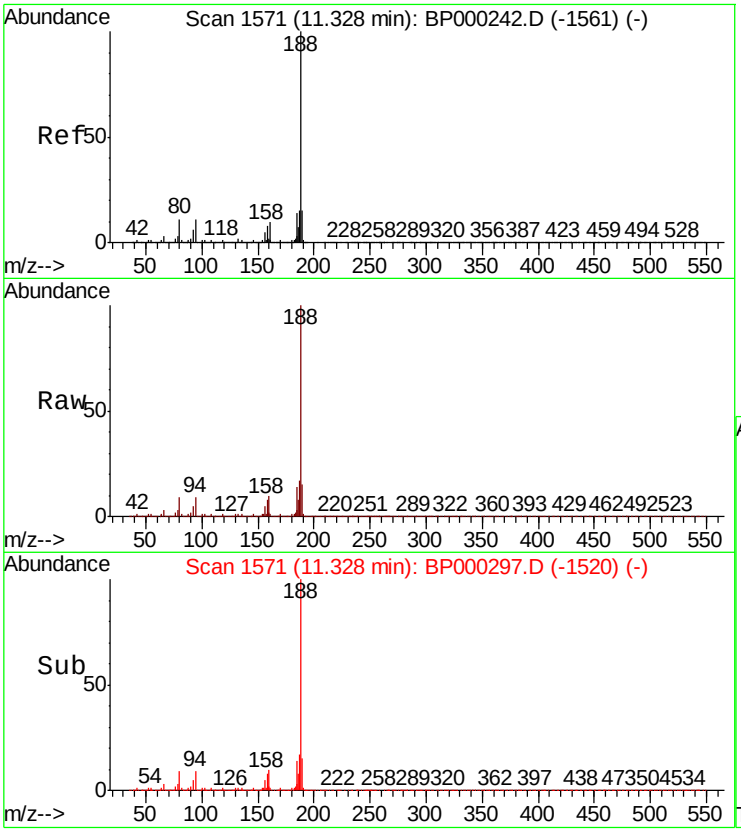




#57
2,4-Dinitrotoluene
Concen: 6.789 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:165 Resp: 83912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 21.7 | 32.5# |
| 89 | 1.3 | 45.0 | 67.6# |
| 182 | 0.0 | 2.4 | 3.6# |



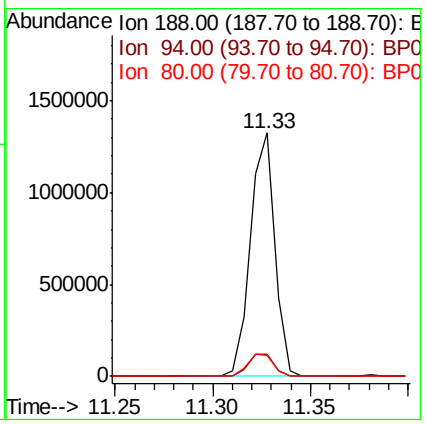


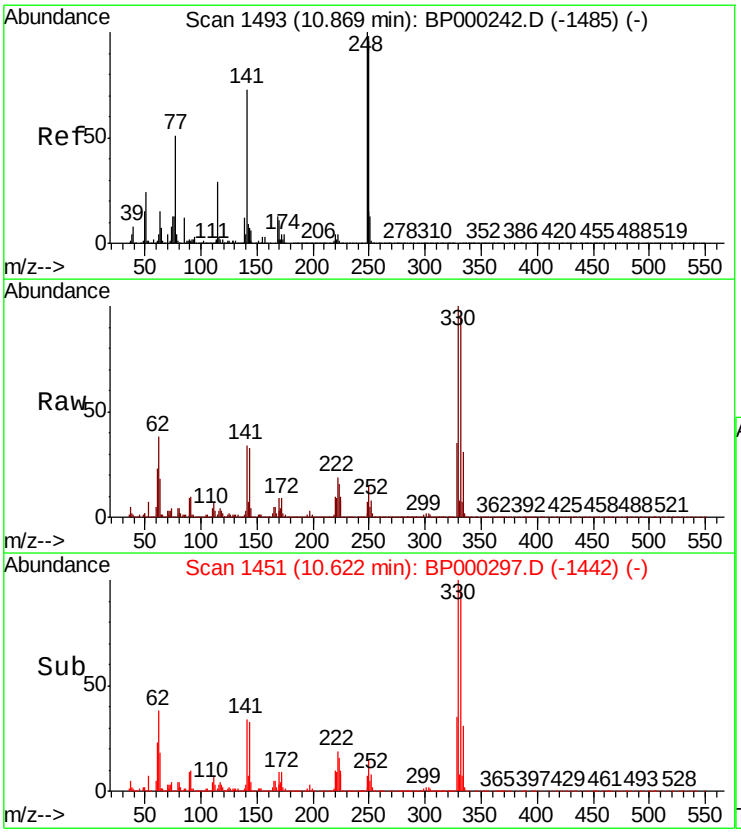

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:188 Resp: 1149819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 8.5 | 12.7 |
| 80 | 8.8 | 8.6 | 13.0 |

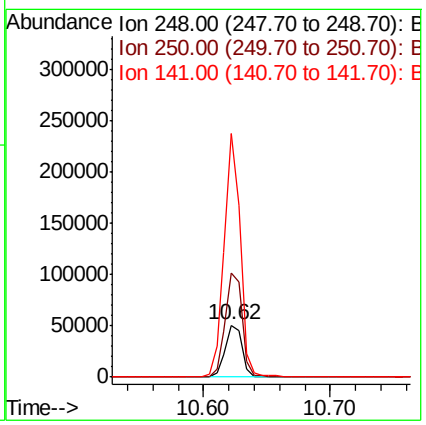


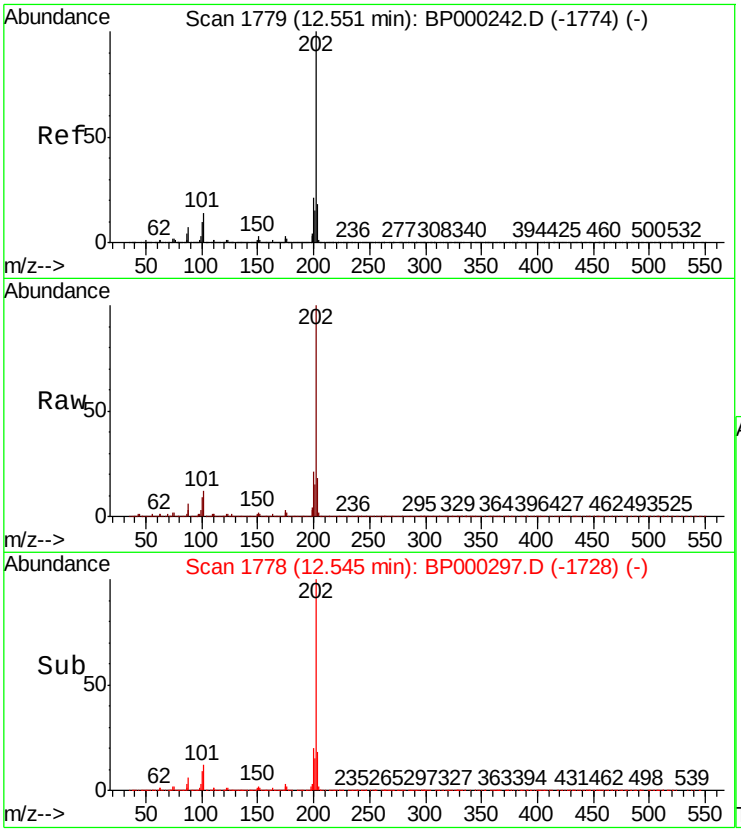




#67
4-Bromophenyl-phenylether
Concen: 3.600 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:248 Resp: 46802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.6 | 77.0 | 115.4# |
| 141 | 472.0 | 58.5 | 87.7# |



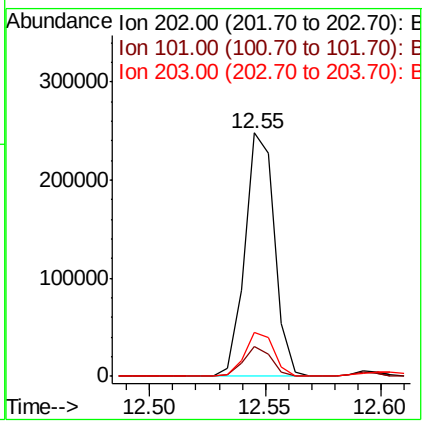


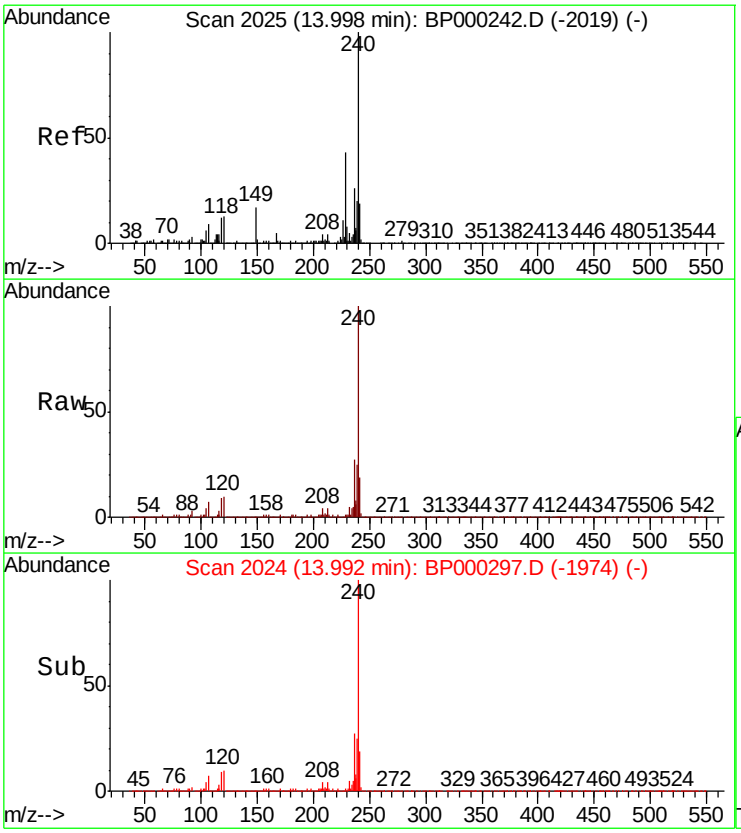

#75
Fluoranthene
Concen: 3.588 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:202 Resp: 222014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.4 | 0.0 | 33.9 |
| 203 | 18.1 | 0.0 | 38.0 |

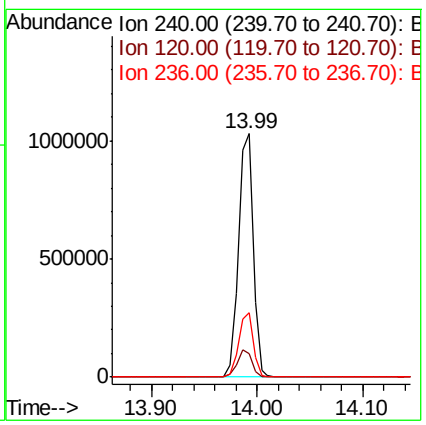


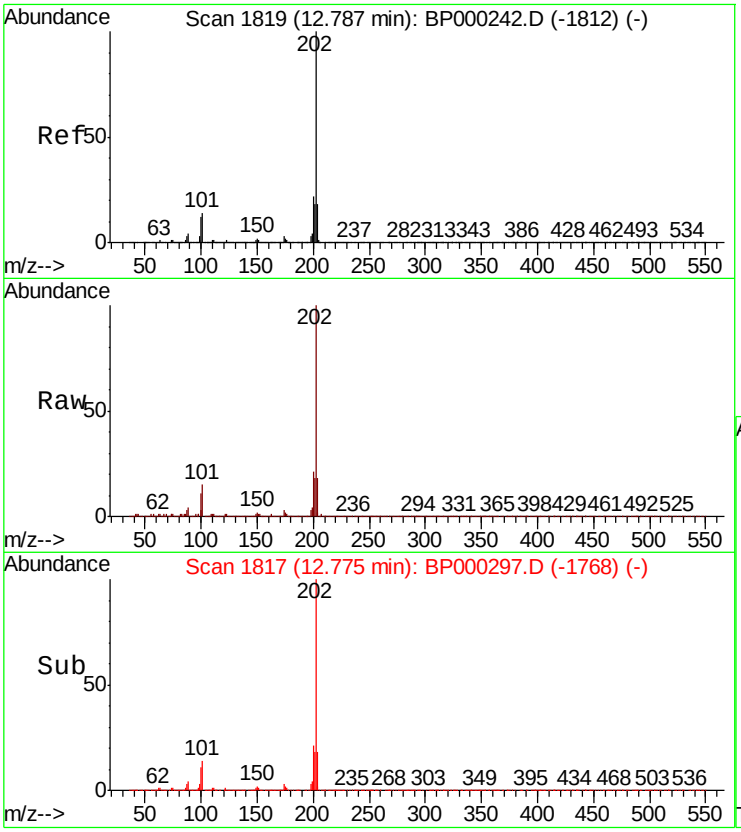




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:240 Resp: 971717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 10.4 | 15.6# |
| 236 | 26.6 | 21.0 | 31.6 |



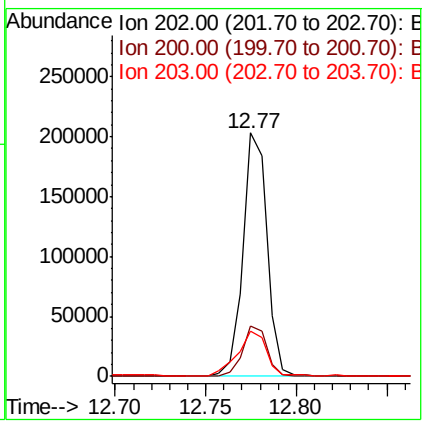


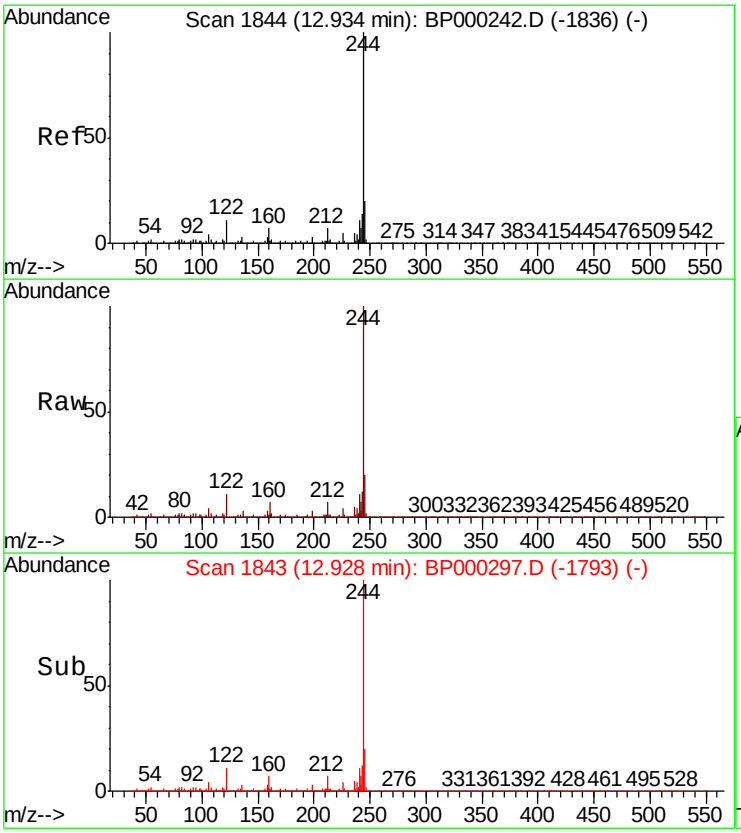

#78
Pyrene
Concen: 2.574 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:202 Resp: 187146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 17.5 | 26.3 |
| 203 | 18.4 | 14.3 | 21.5 |

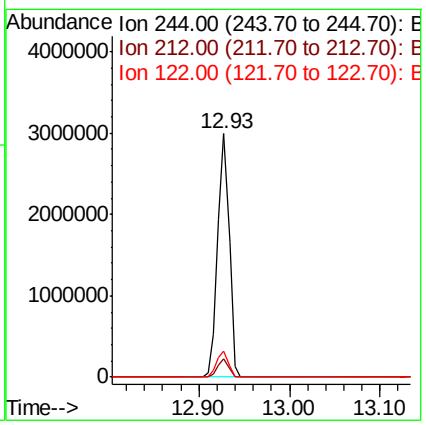


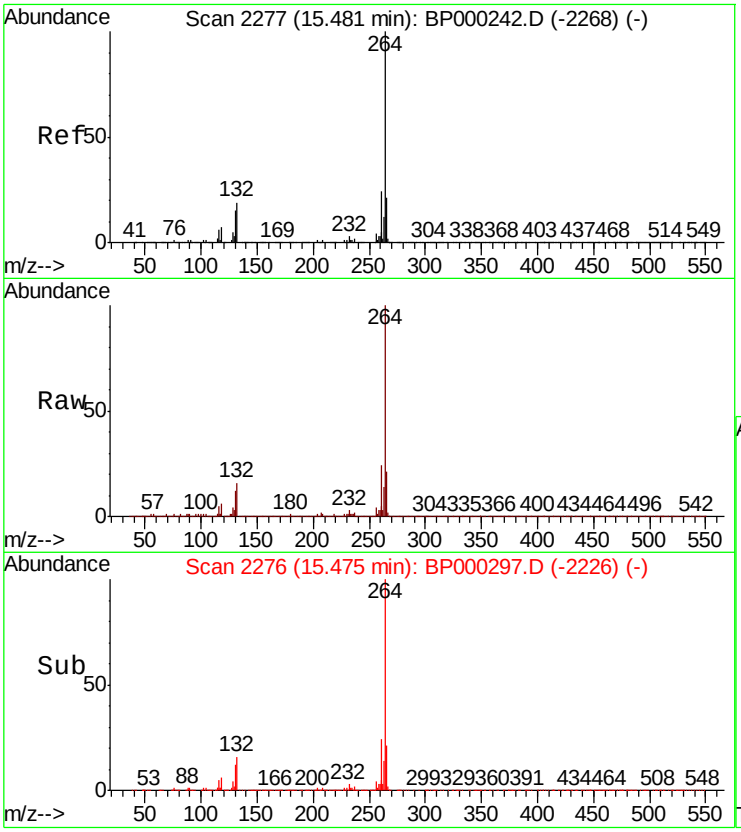




#79
Terphenyl-d14
Concen: 56.066 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:244 Resp: 2596947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.9 | 8.9 |
| 122 | 10.6 | 9.0 | 13.4 |



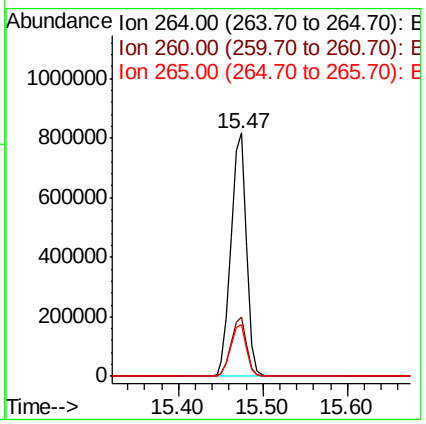


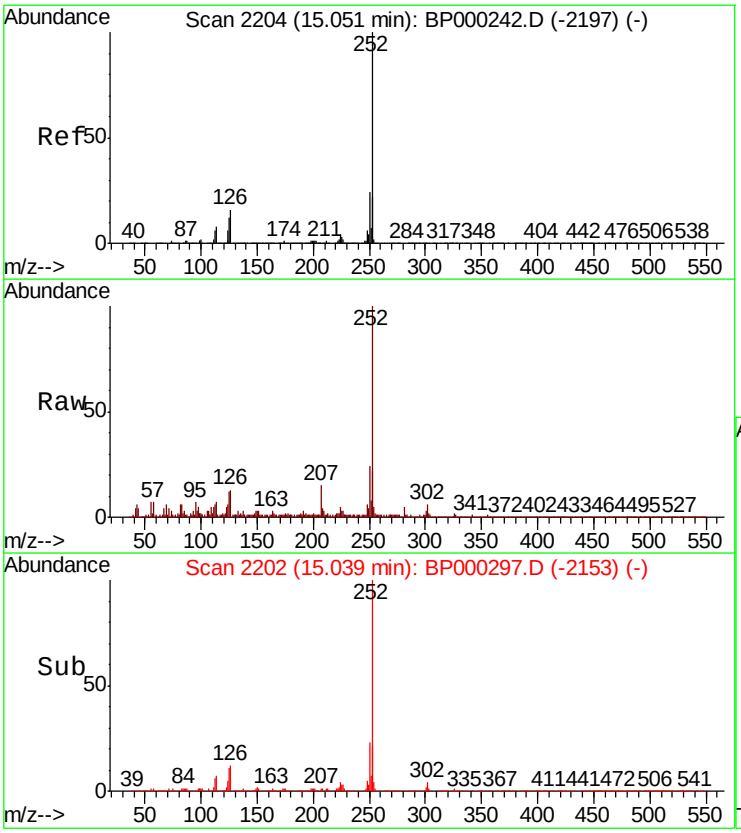

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:264 Resp: 1012835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.9 | 28.3 |
| 265 | 21.1 | 17.2 | 25.8 |

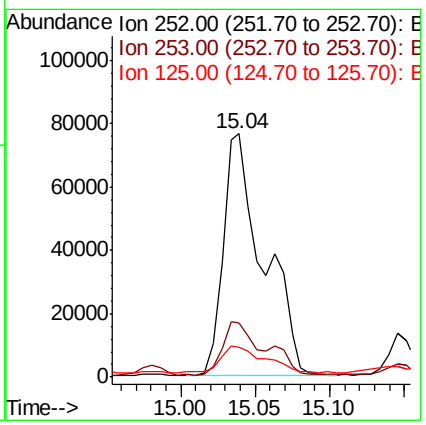


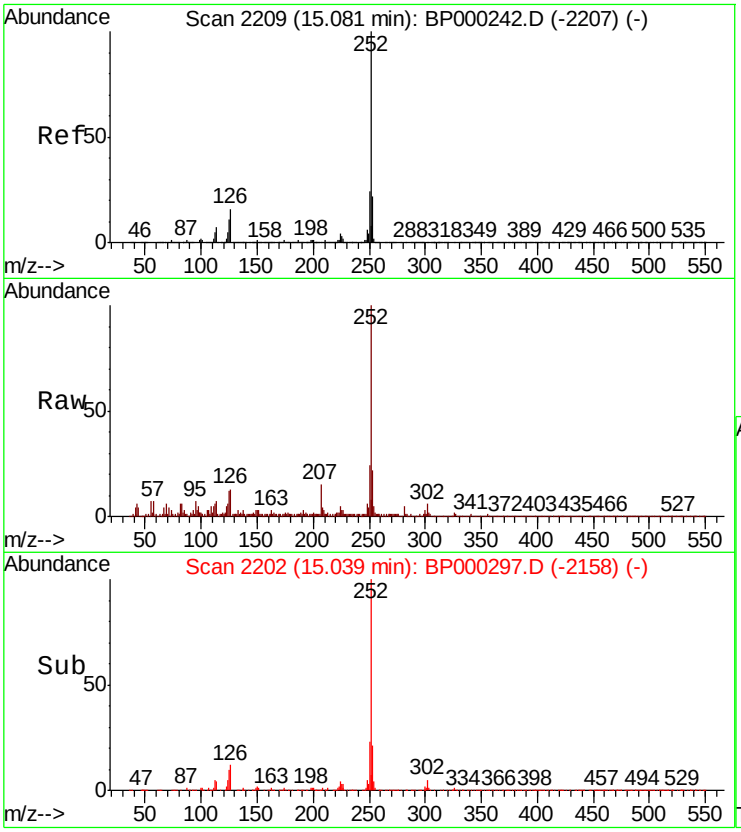




#88
Benzo(b)fluoranthene
Concen: 2.386 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:252 Resp: 144178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 12.3 | 9.5 | 14.3 |






#89
Benzo(k)fluoranthene
Concen: 2.736 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

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

Tgt Ion:252 Resp: 144178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.8 |
| 125 | 12.3 | 9.6 | 14.4 |