Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Aug 29 03:36:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 72007 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 290282 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 93772 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.38 | 188 | 147530 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.01 | 240 | 100398 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 105705 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 513191 | 123.10 | ng | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 740132 | 130.95 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 370848 | 73.10 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 89235 | 100.00 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 549258 | 97.48 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.96 | 244 | 298537 | 48.36 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.33 | 42 | 115 | 4.019 | ng | # 1 |
| 9) Benzaldehyde | 6.49 | 77 | 1725 | Below Cal | | # 1 |
| 10) Phenol | 6.50 | 94 | 53778 | 8.674 | ng | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70 | 49810 | 13.858 | ng | # 79 |
| 25) Isophorone | 7.42 | 82 | 370841 | 40.155 | ng | # 65 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 20007 | 2.304 | ng | 96 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 23395 | 2.759 | ng | 98 |
| 49) Acenaphthylene | 9.76 | 152 | 19986 | 2.452 | ng | 97 |
| 50) Dimethylphthalate | 9.60 | 163 | 67504 | 10.708 | ng | 100 |
| 52) Acenaphthene | 9.93 | 154 | 48215 | 8.737 | ng | 95 |
| 55) Dibenzofuran | 10.10 | 168 | 44174 | 5.944 | ng | 97 |
| 56) 4-Nitrophenol | 10.10 | 139 | 17761 | 14.075 | ng | # 13 |
| 58) Fluorene | 10.44 | 166 | 71199 | 12.624 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.68 | 248 | 6050 | 3.866 | ng | # 1 |
| 71) Phenanthrene | 11.41 | 178 | 806432 | 101.769 | ng | 99 |
| 72) Anthracene | 11.46 | 178 | 188002 | 23.728 | ng | 99 |
| 73) Carbazole | 11.60 | 167 | 29967 | 4.444 | ng | 97 |
| 75) Fluoranthene | 12.59 | 202 | 817491 | 115.030 | ng | 98 |
| 78) Pyrene | 12.82 | 202 | 637181 | 69.019 | ng | 99 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 293383 | 43.830 | ng | 96 |
| 83) Chrysene | 14.04 | 228 | 250671 | 38.254 | ng | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 190038 | 35.481 | ng | 95 |
| 88) Benzo(b)fluoranthene | 15.05 | 252 | 380836 | 58.668 | ng | 97 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 380836 | 61.720 | ng | 97 |
| 90) Benzo(a)pyrene | 15.41 | 252 | 192131 | 33.163 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 17.10 | 278 | 33674 | 6.229 | ng | 94 |
| 92) Benzo(g,h,i)perylene | 17.36 | 276 | 169960 | 30.237 | ng | 99 |

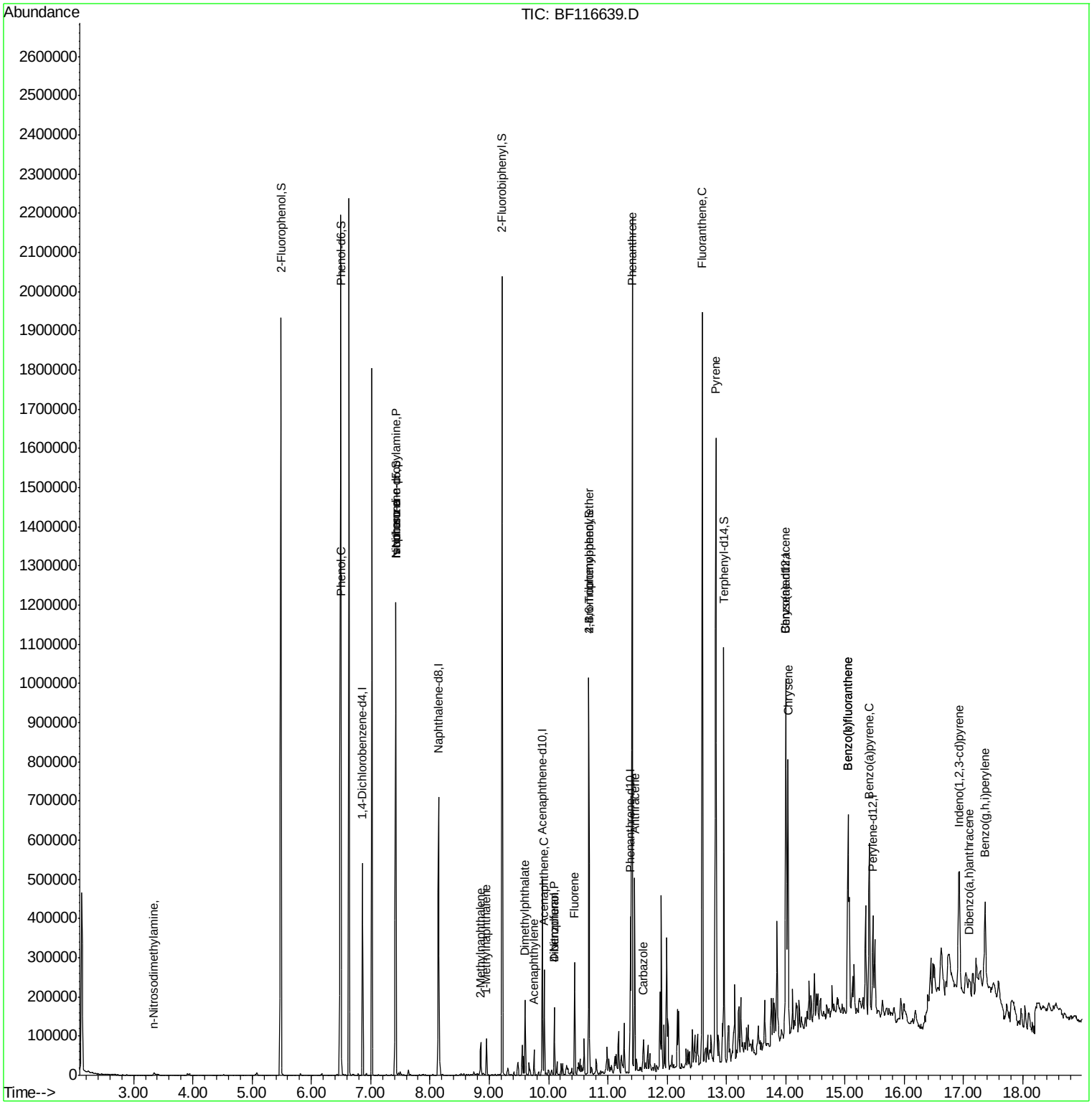
(#) = qualifier out of range (m) = manual integration (+) = signals summed

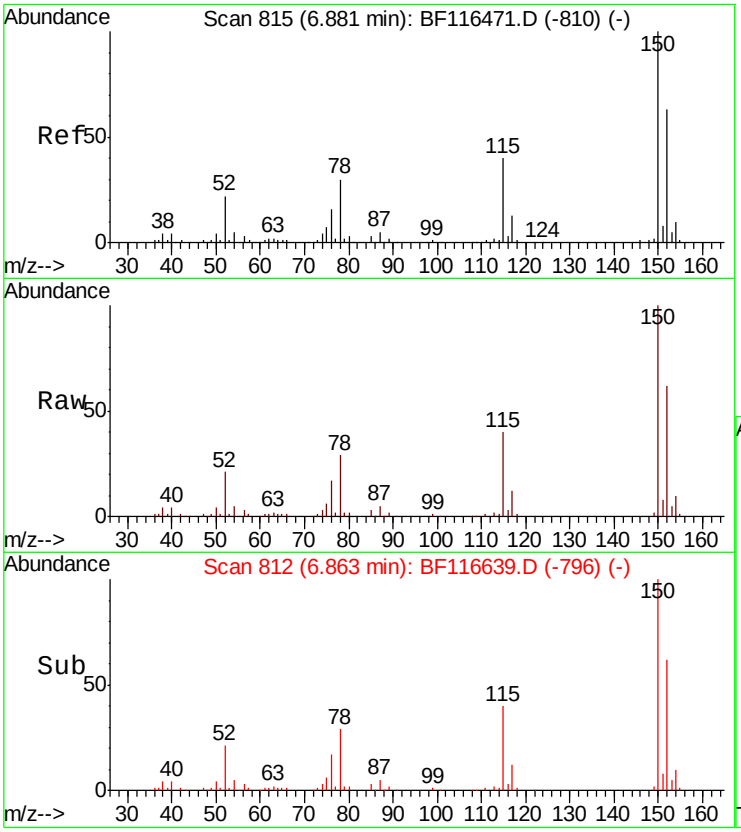
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116639.D
Acq On : 29 Aug 2019 2:24
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Aug 29 03:36:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration



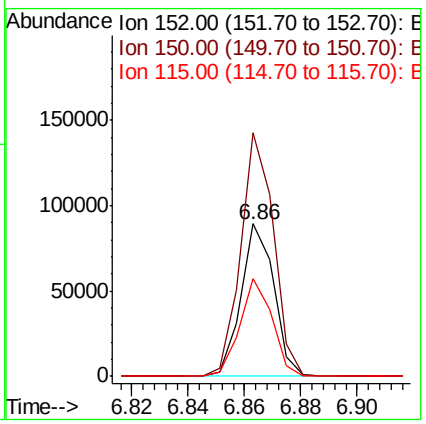


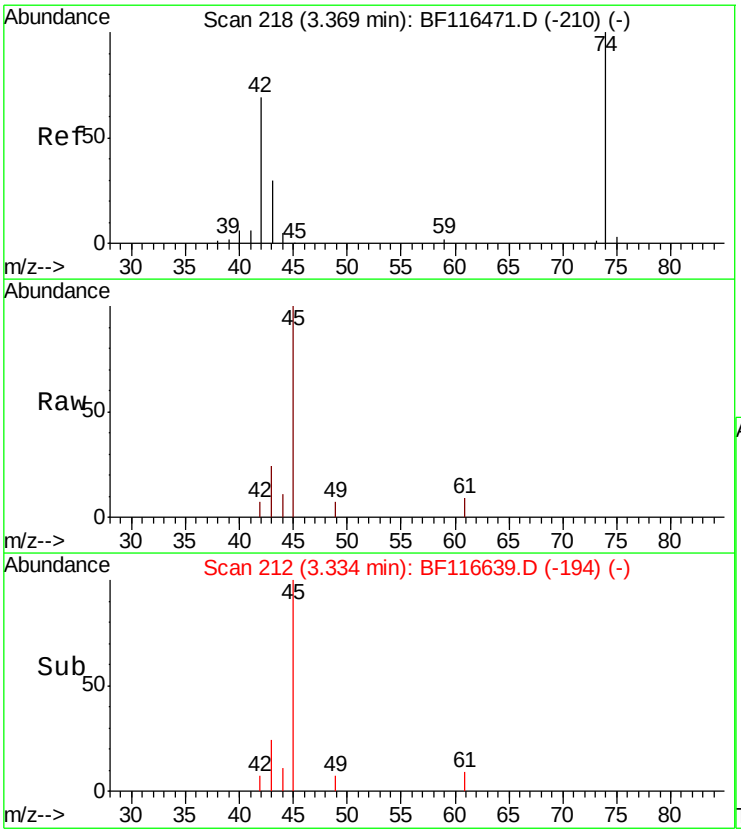

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 72007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.0 | 123.4 | 185.2 |
| 115 | 64.0 | 48.2 | 72.2 |

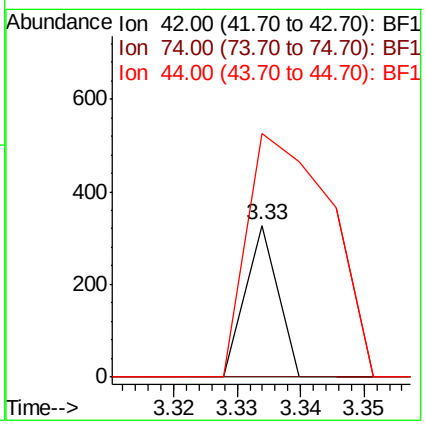


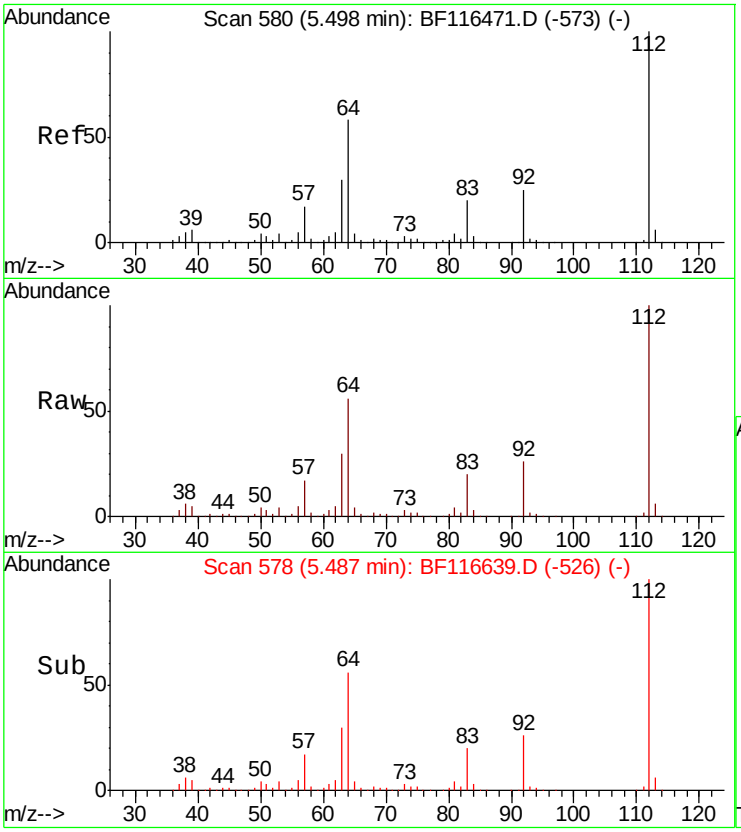




#4
n-Nitrosodimethylamine
Concen: 4.019 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion: 42 Resp: 115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 120.0 | 180.0# |
| 44 | 160.9 | 5.4 | 8.2# |



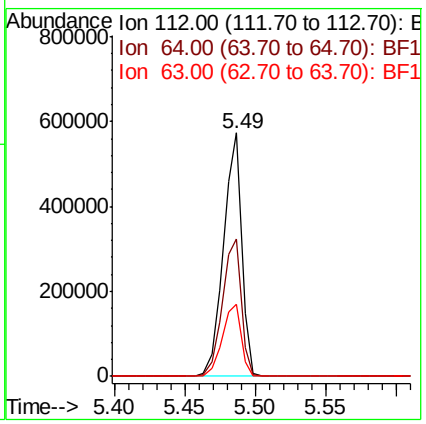


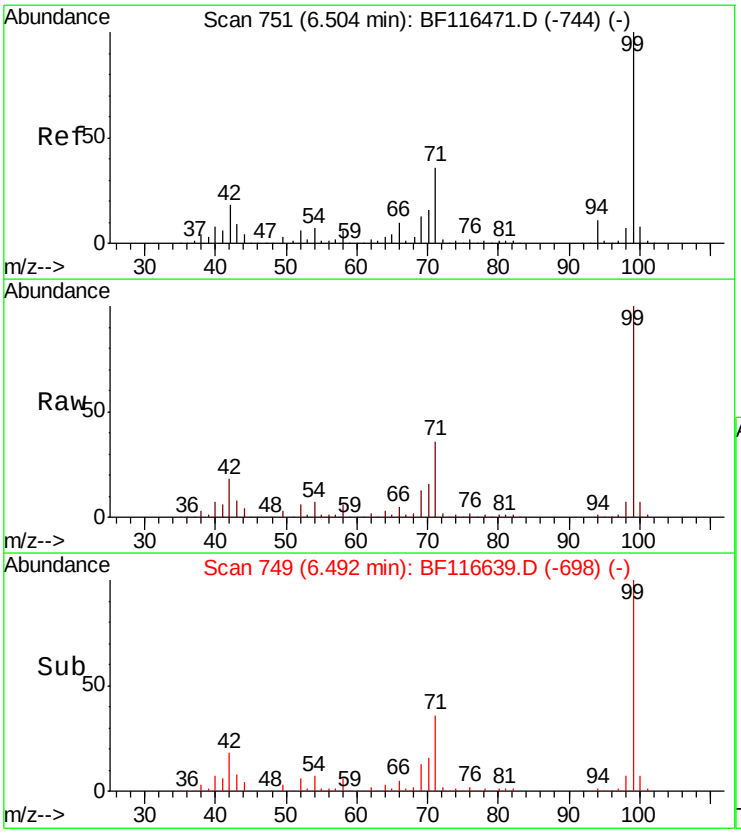

#5
2-Fluorophenol
Concen: 123.099 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:112 Resp: 513191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.2 | 48.0 | 72.0 |
| 63 | 29.5 | 24.6 | 36.8 |

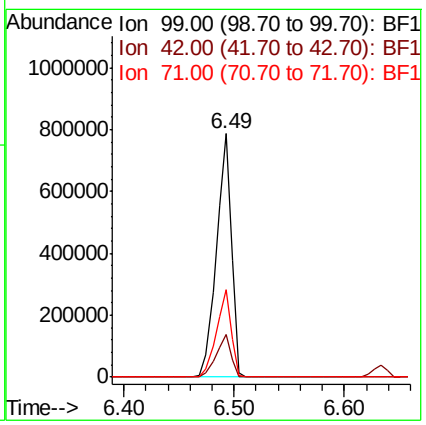


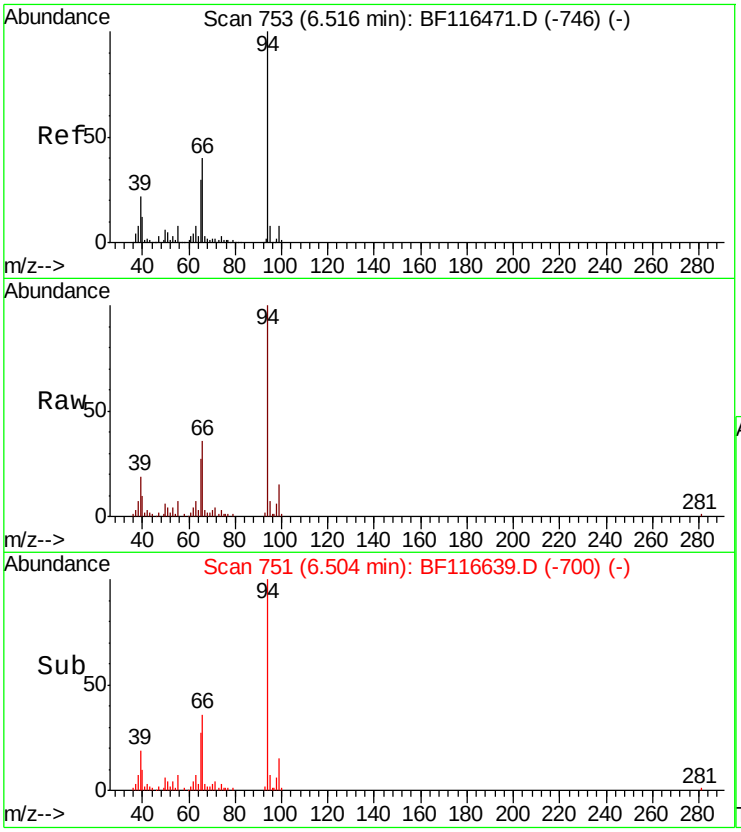




#7
Phenol-d6
Concen: 130.950 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion: 99 Resp: 740132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.7 | 13.2 | 19.8 |
| 71 | 36.1 | 27.4 | 41.2 |



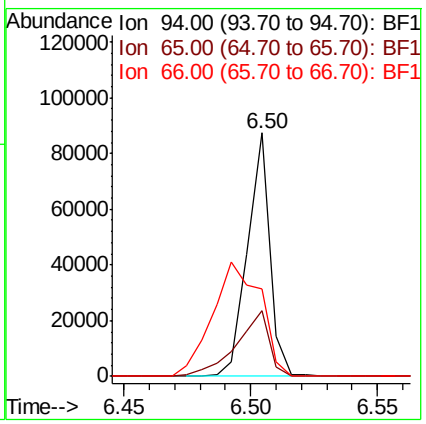


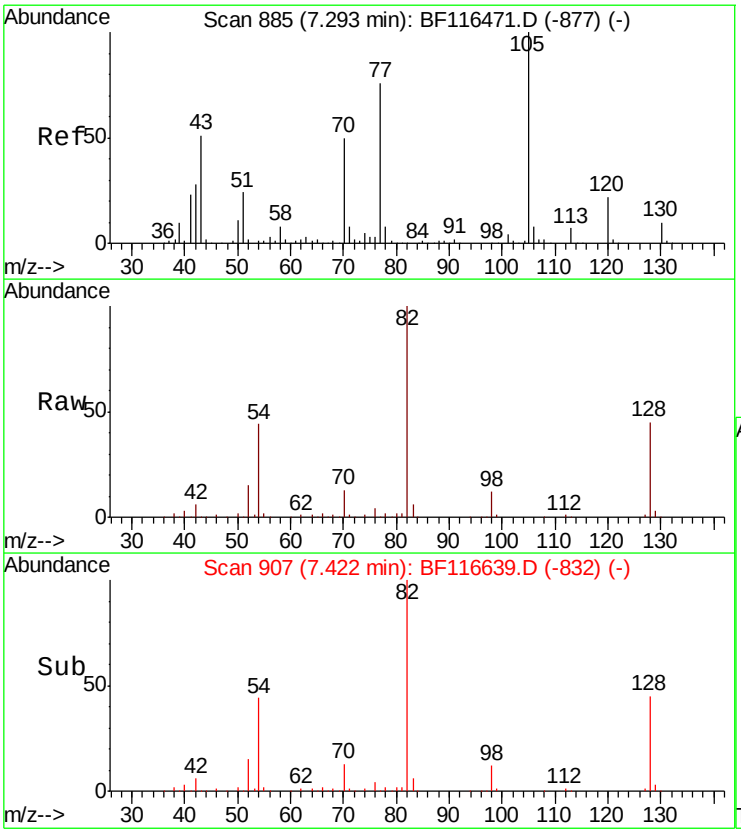

#10
Phenol
Concen: 8.674 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 94 Resp: 53778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.8 | 8.6 | 48.6 |
| 66 | 35.8 | 18.0 | 58.0 |

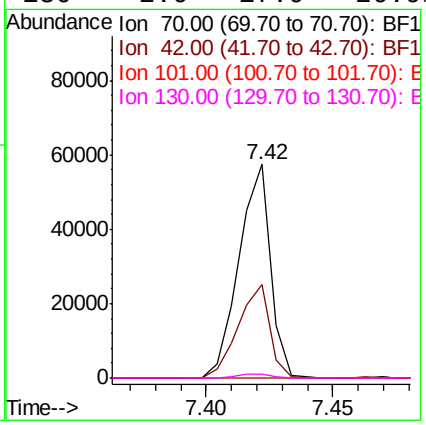


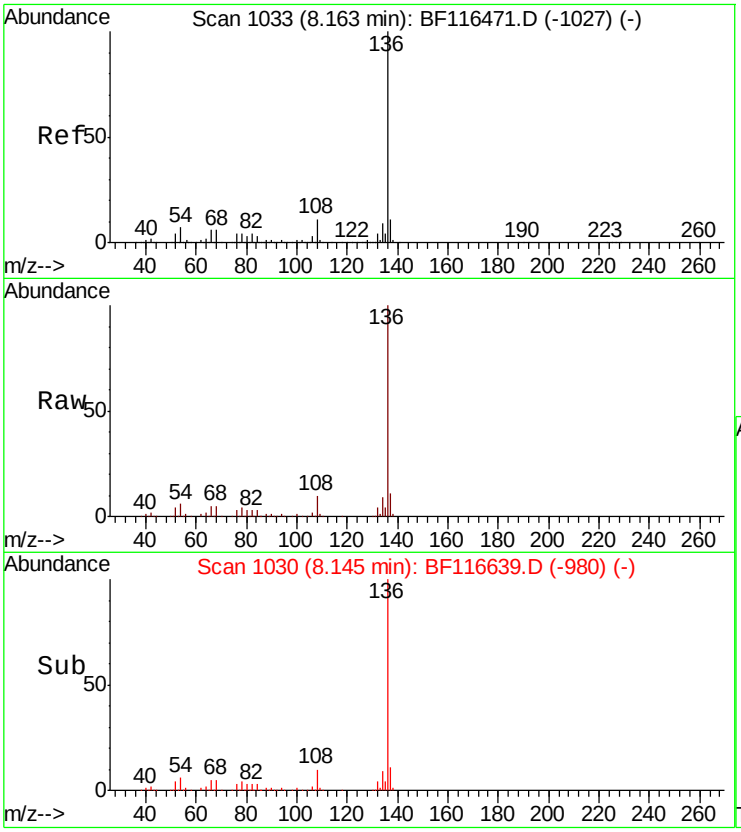




#19
n-Nitroso-di-n-propylamine
Concen: 13.858 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion: 70 Resp: 49810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.0 | 41.2 | 61.8 |
| 101 | 0.0 | 7.7 | 11.5# |
| 130 | 2.0 | 17.9 | 26.9# |



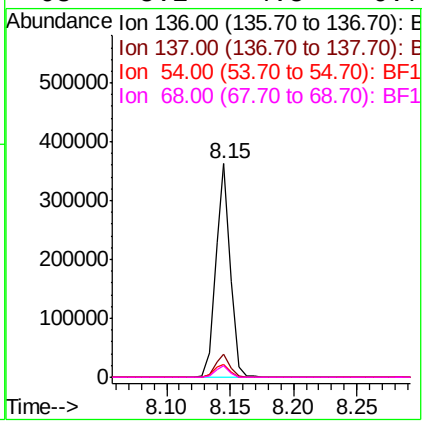


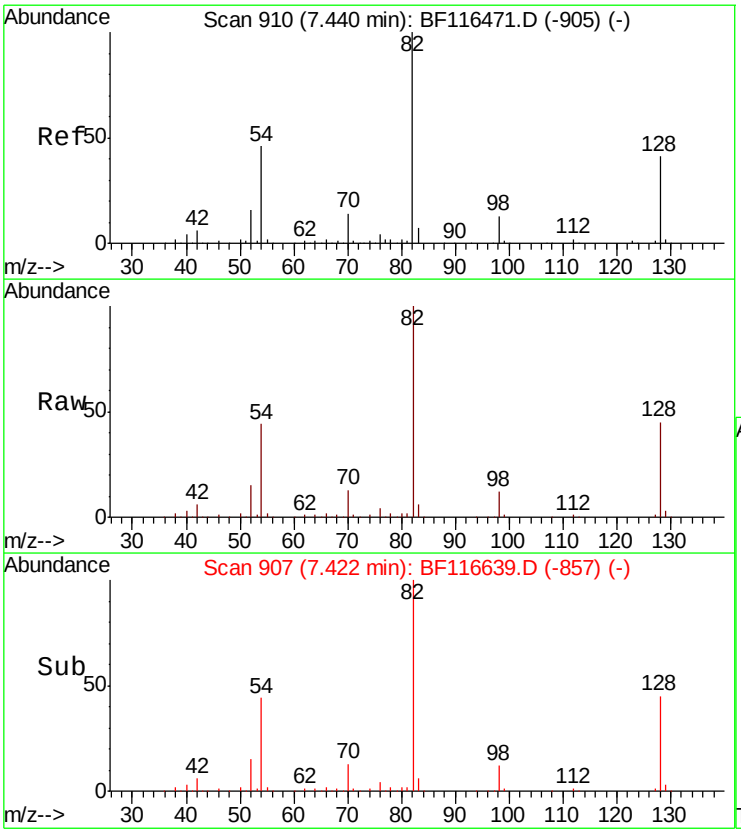

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:136 Resp: 290282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 5.9 | 5.0 | 7.4 |
| 68 | 5.2 | 4.5 | 6.7 |

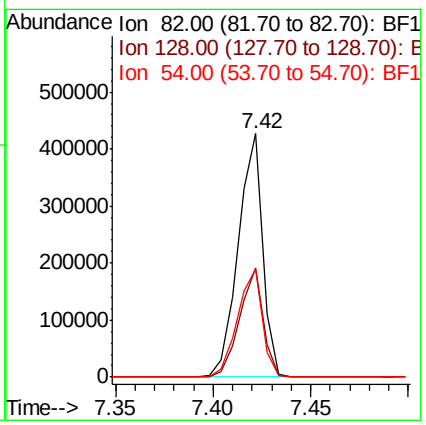


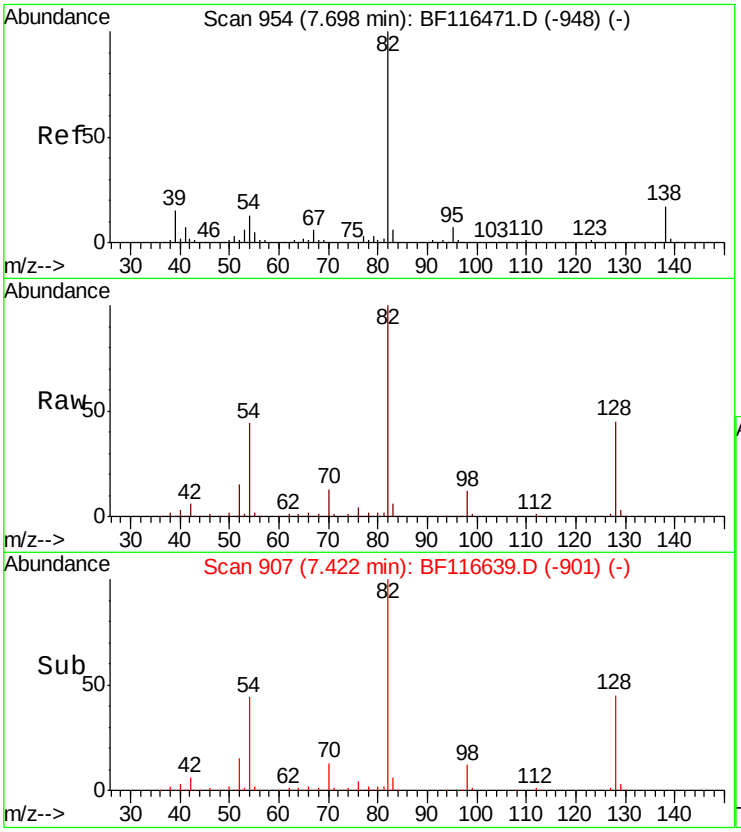




#23
Nitrobenzene-d5
Concen: 73.101 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion: 82 Resp: 370848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.0 | 35.0 | 52.6 |
| 54 | 44.4 | 34.4 | 51.6 |



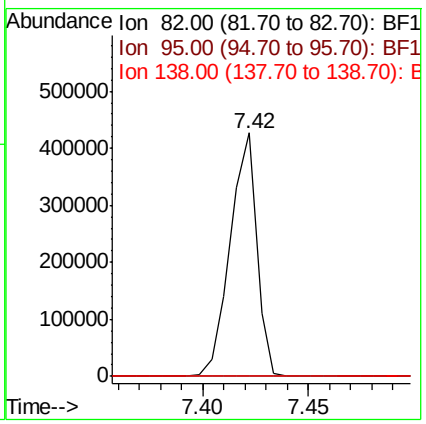


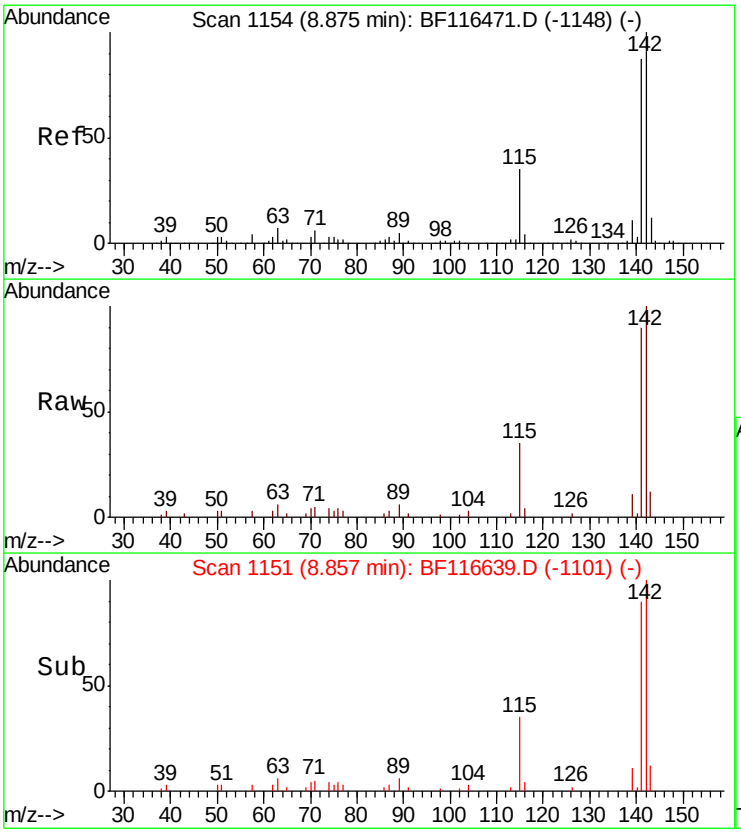

#25
Isophorone
Concen: 40.155 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 370841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.4 | 21.6# |

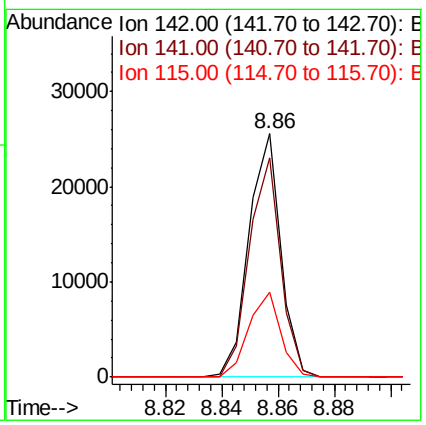


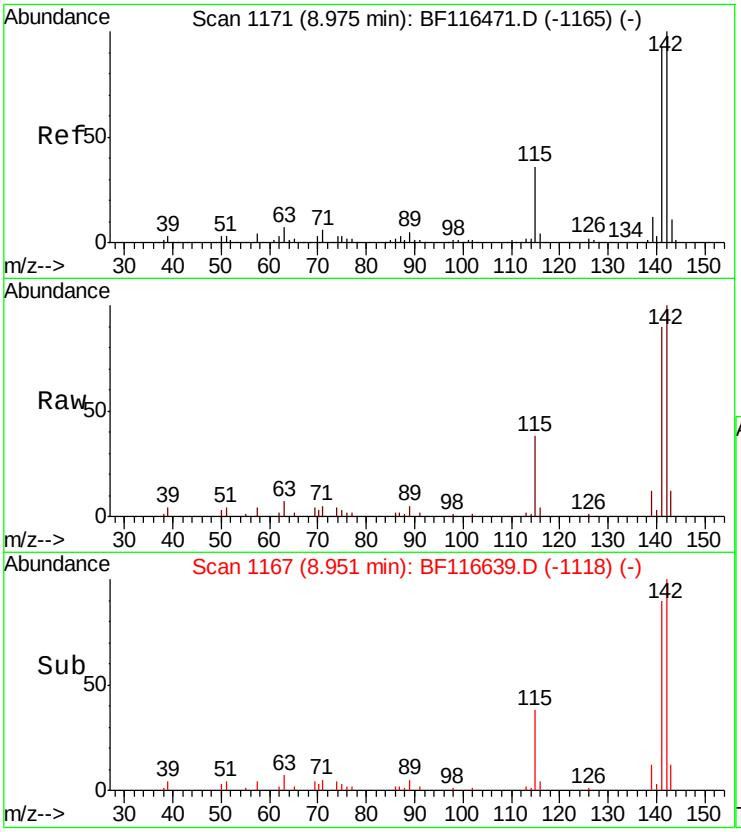




#37
2-Methylnaphthalene
Concen: 2.304 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:142 Resp: 20007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.3 | 69.5 | 104.3 |
| 115 | 34.6 | 26.0 | 39.0 |



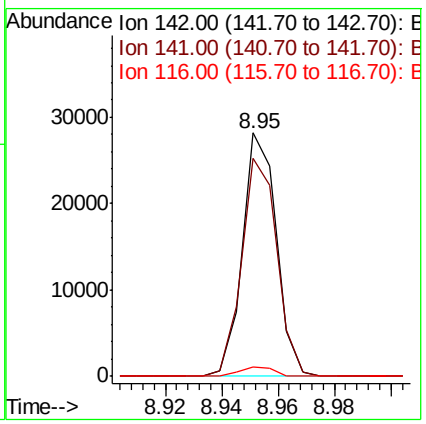


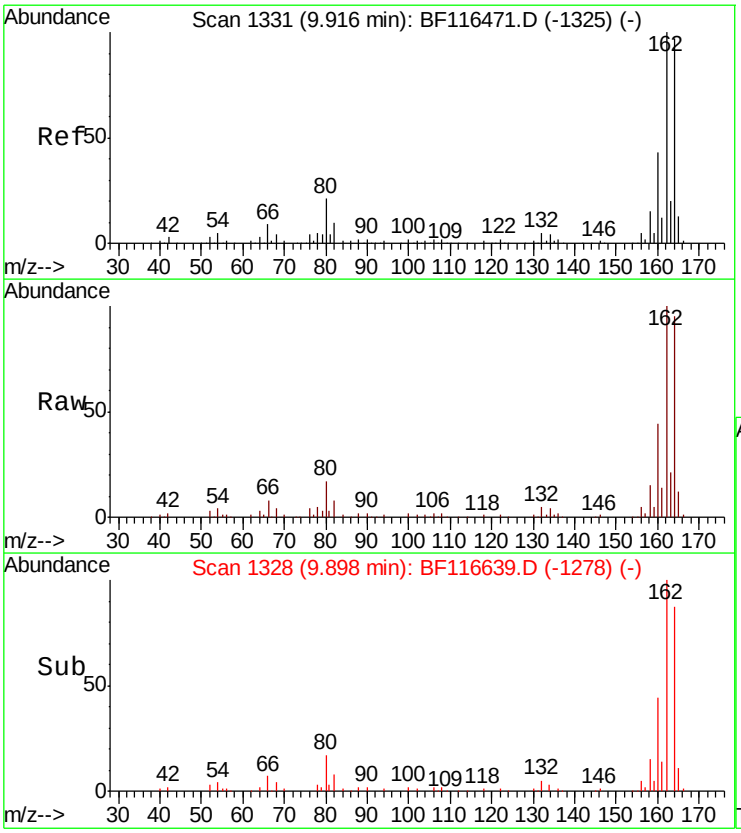

#38
1-Methylnaphthalene
Concen: 2.759 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:142 Resp: 23395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 73.1 | 109.7 |
| 116 | 3.9 | 2.7 | 4.1 |

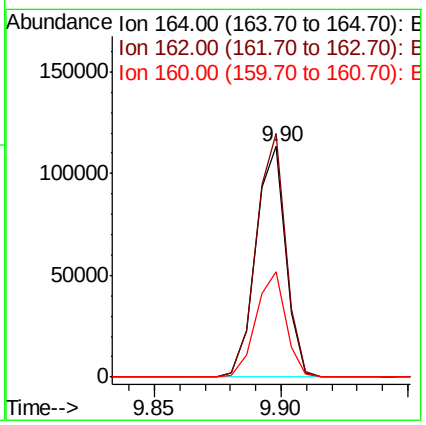


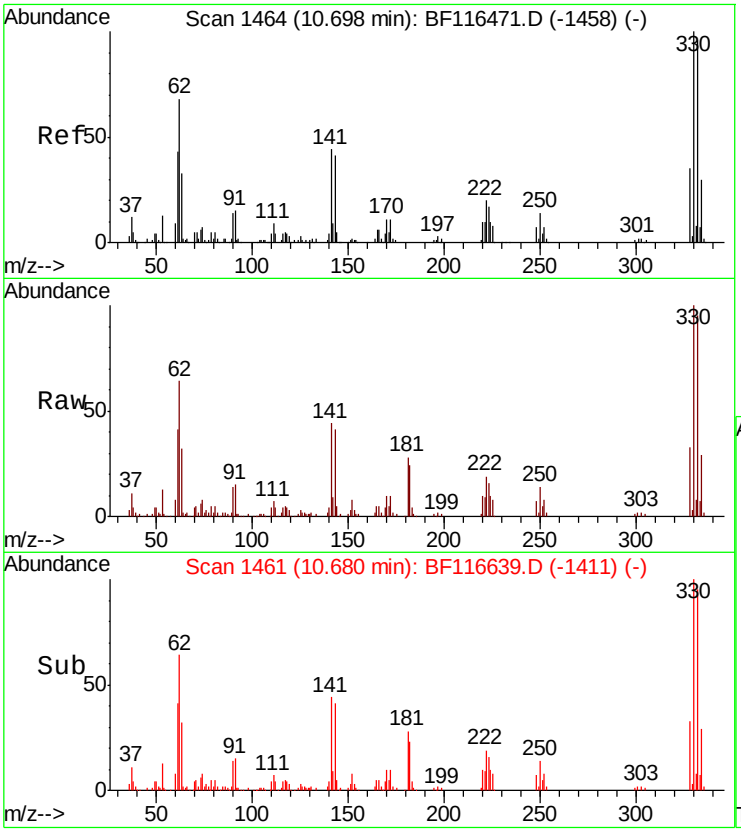




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:164 Resp: 93772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.7 | 83.4 | 125.0 |
| 160 | 46.0 | 37.0 | 55.4 |



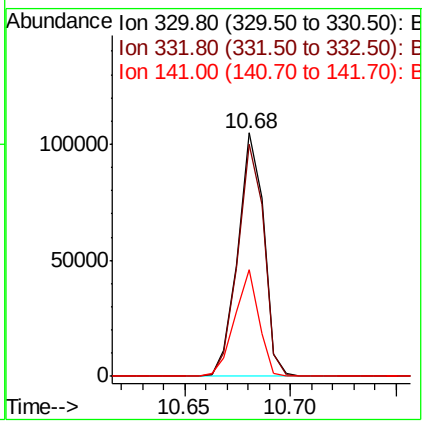


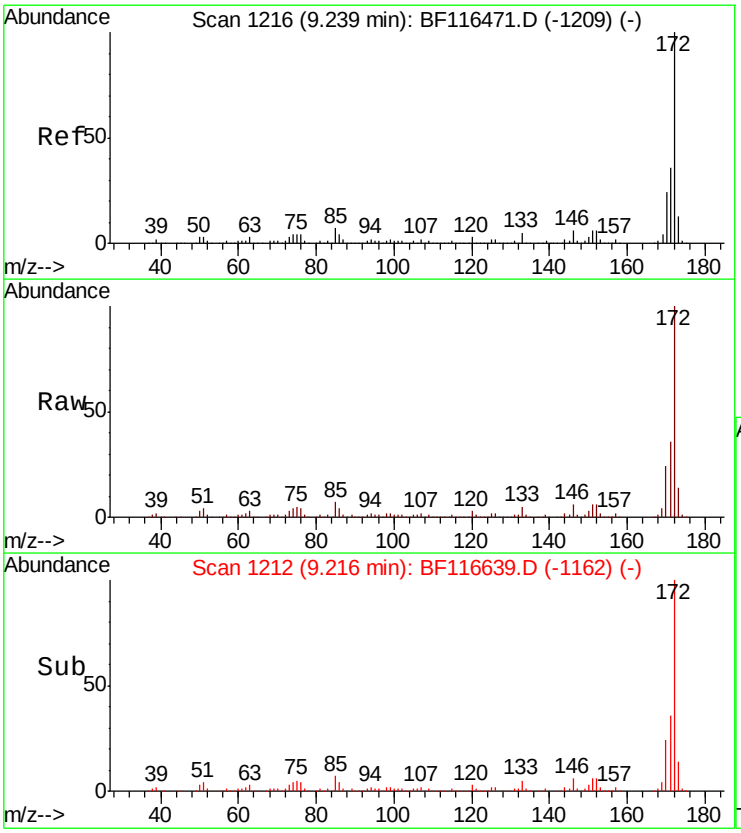

#42
2,4,6-Tribromophenol
Concen: 100.001 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:330 Resp: 89235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.5 | 116.3 |
| 141 | 41.0 | 28.2 | 42.2 |

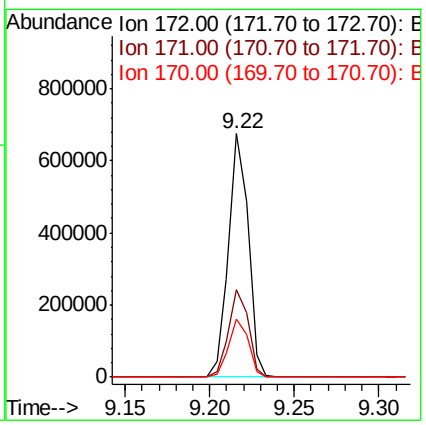


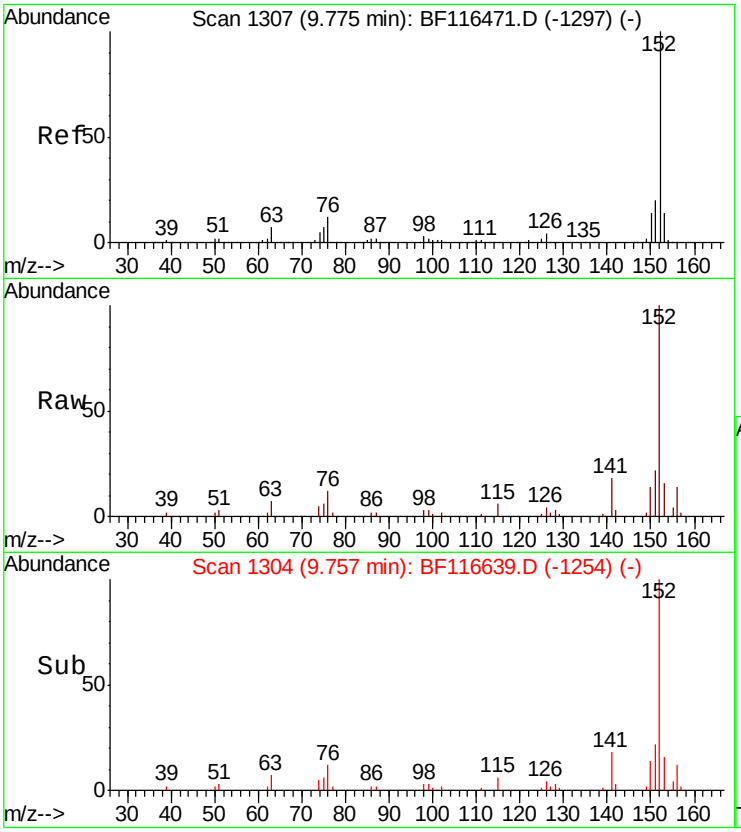




#45
2-Fluorobiphenyl
Concen: 97.478 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:172 Resp: 549258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.6 |
| 170 | 23.8 | 19.3 | 28.9 |



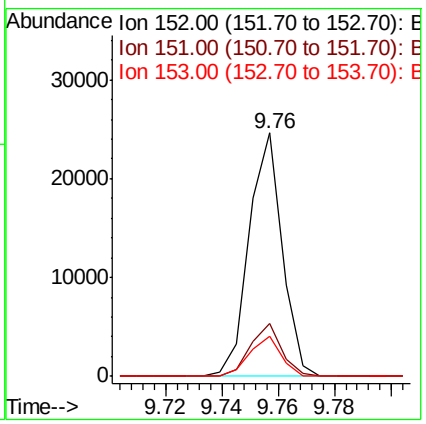


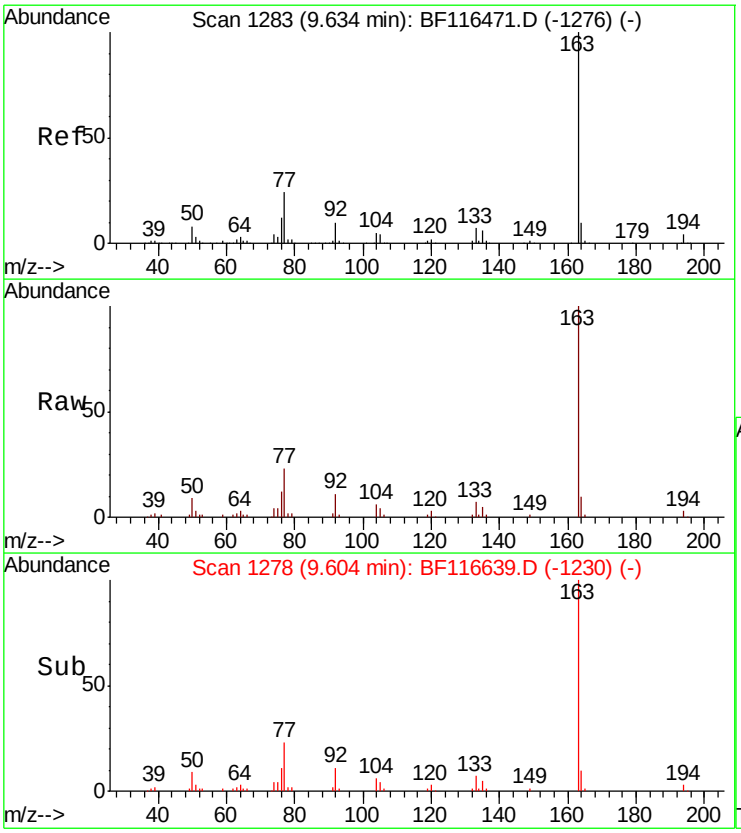

#49
Acenaphthylene
Concen: 2.452 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 19986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 16.4 | 24.6 |
| 153 | 16.2 | 11.3 | 16.9 |

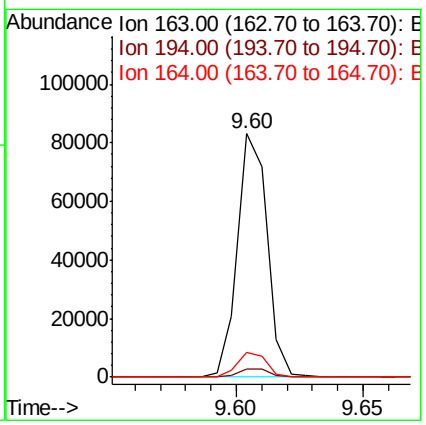


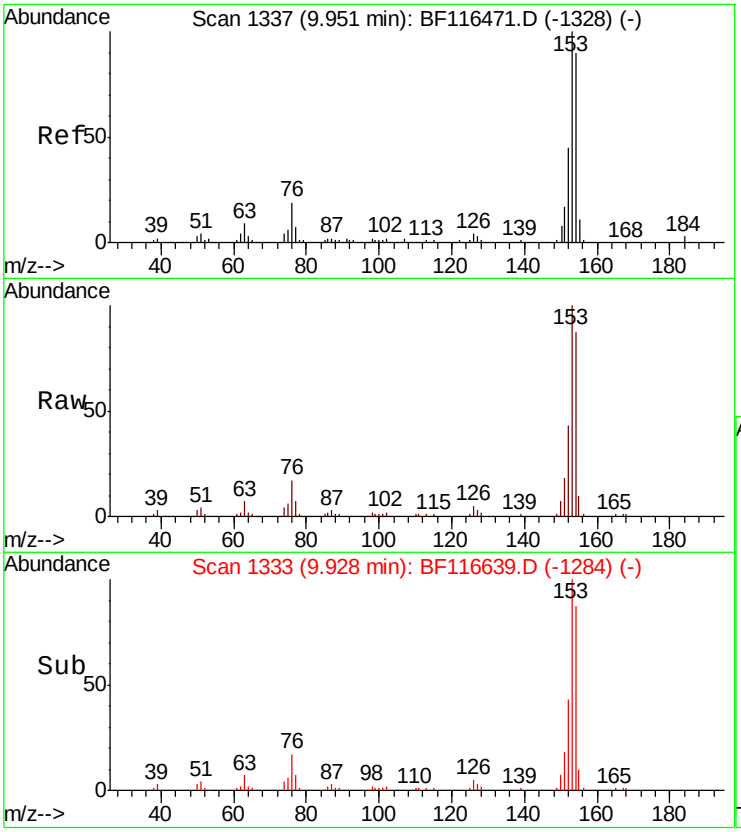




#50
Dimethylphthalate
Concen: 10.708 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:163 Resp: 67504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 3.0 | 4.6 |
| 164 | 10.3 | 8.2 | 12.2 |

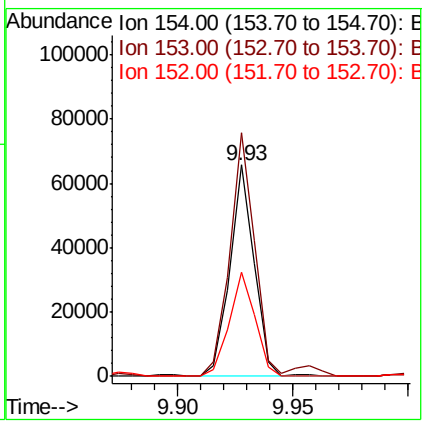




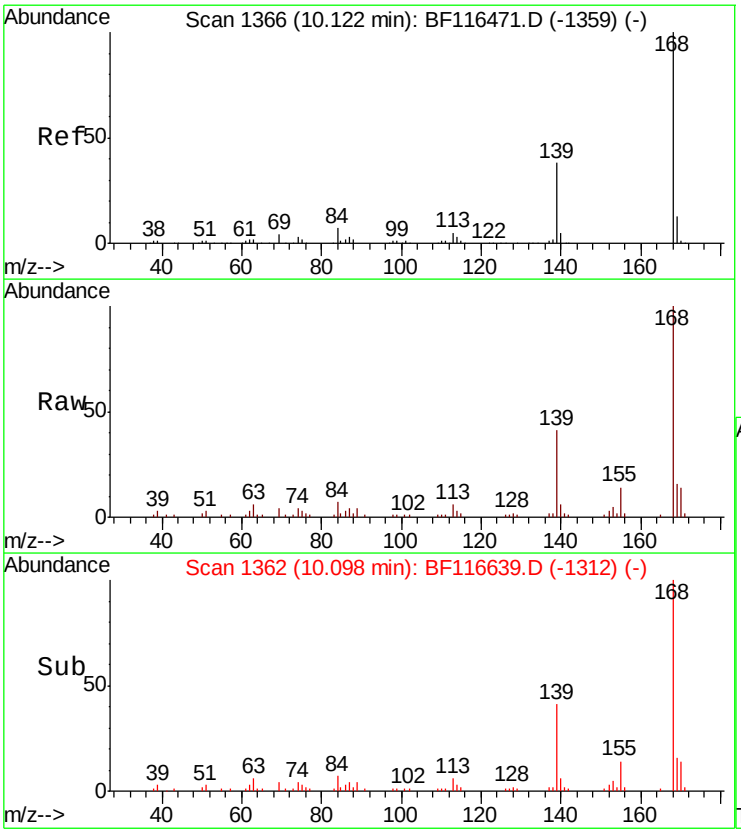

#52
Acenaphthene
Concen: 8.737 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:154 Resp: 48215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.3 | 86.6 | 129.8 |
| 152 | 49.0 | 39.4 | 59.0 |



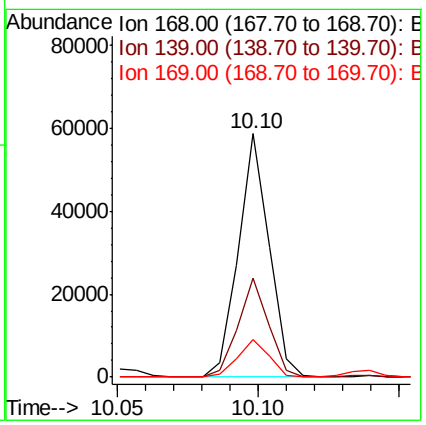

**Instrument :**
BNA_F
**ClientSampleId :**

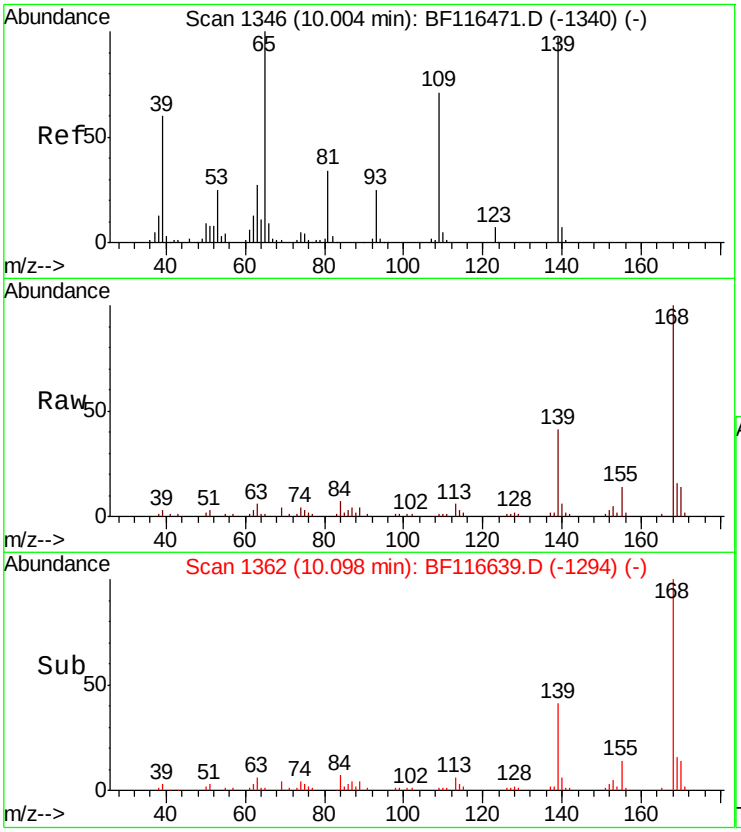



#55
Dibenzofuran
Concen: 5.944 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:168 Resp: 44174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.6 | 31.3 | 46.9 |
| 169 | 15.6 | 11.3 | 16.9 |



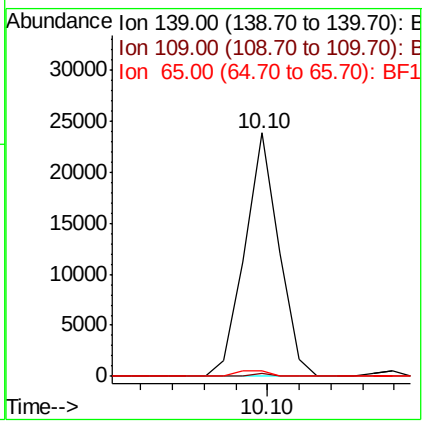


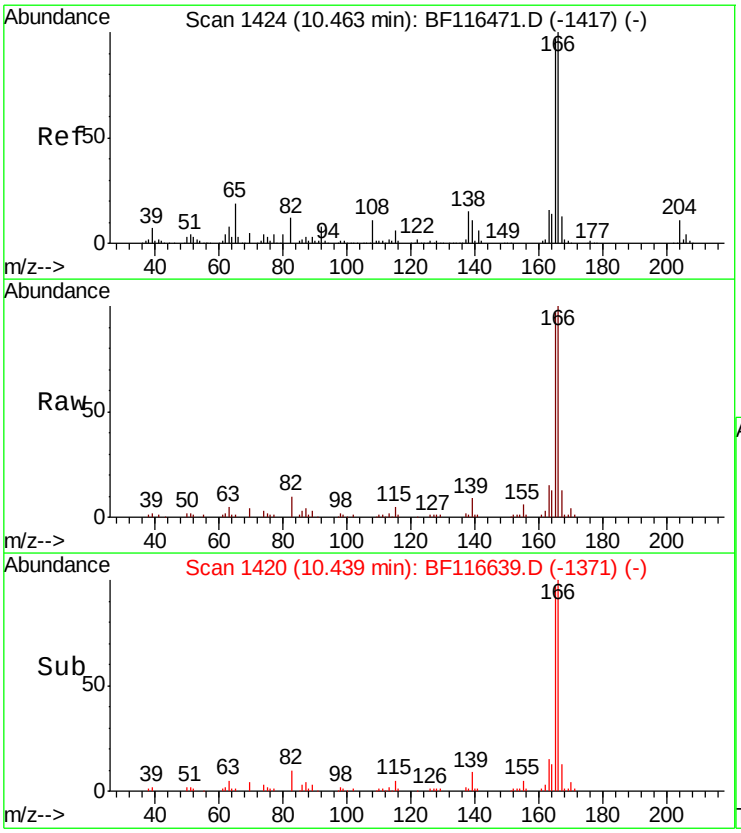

#56
4-Nitrophenol
Concen: 14.075 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 17761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 1.4 | 45.5 | 85.5# |
| 65 | 2.0 | 66.8 | 106.8# |

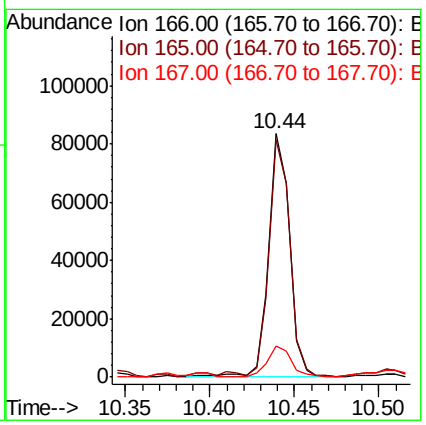


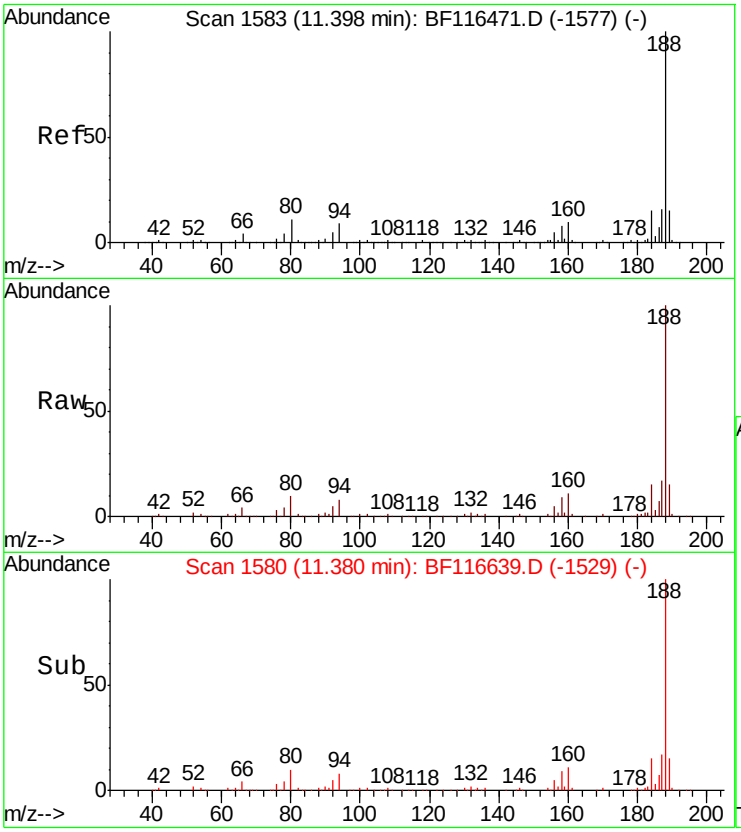




#58
Fluorene
Concen: 12.624 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:166 Resp: 71199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 77.8 | 116.6 |
| 167 | 12.9 | 10.6 | 16.0 |



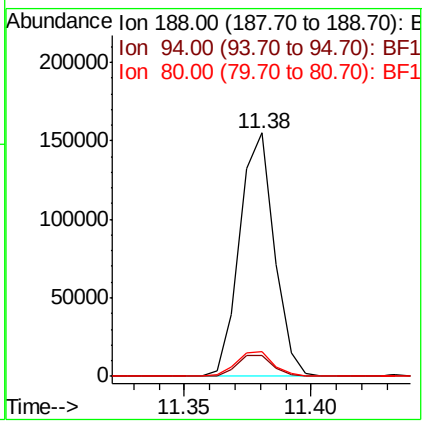


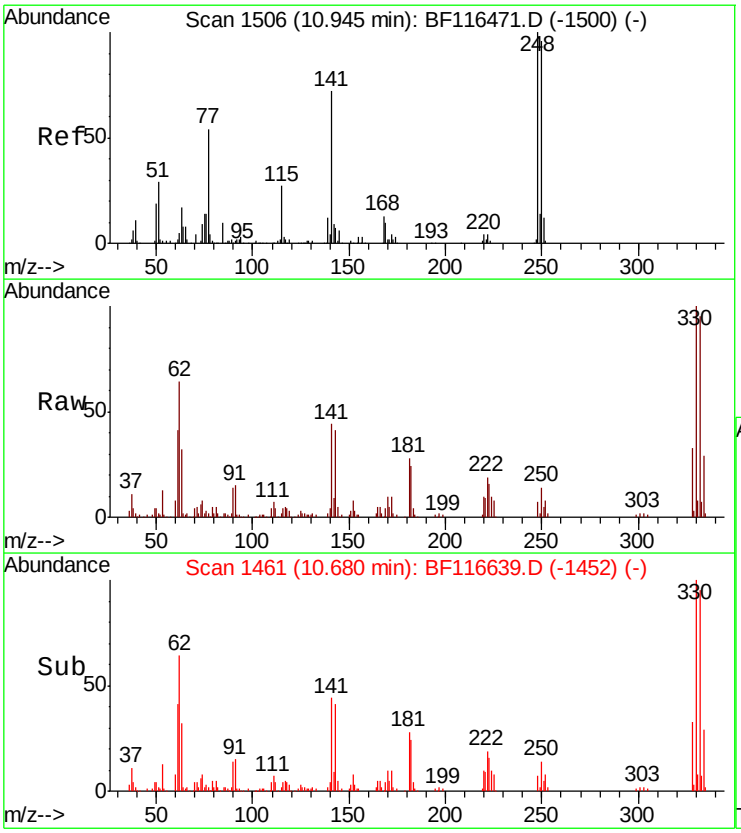

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:188 Resp: 147530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 8.2 | 12.4 |
| 80 | 10.1 | 8.9 | 13.3 |

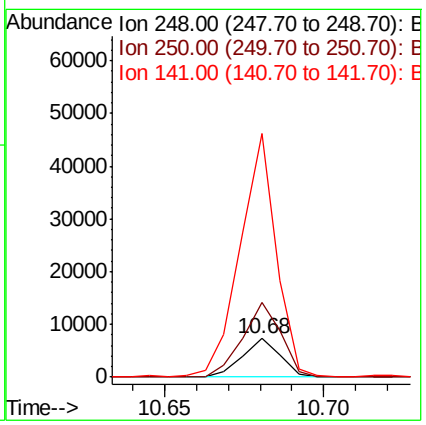


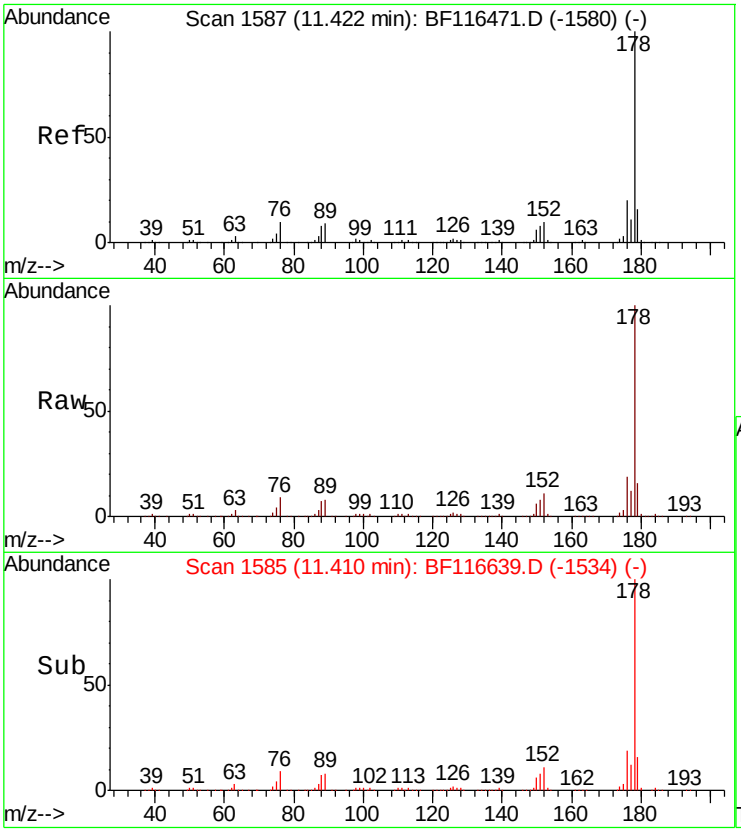




#67
4-Bromophenyl-phenylether
Concen: 3.866 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:248 Resp: 6050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 195.2 | 76.6 | 115.0# |
| 141 | 631.7 | 60.8 | 91.2# |



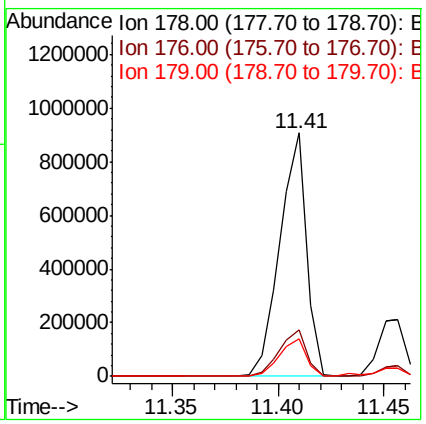


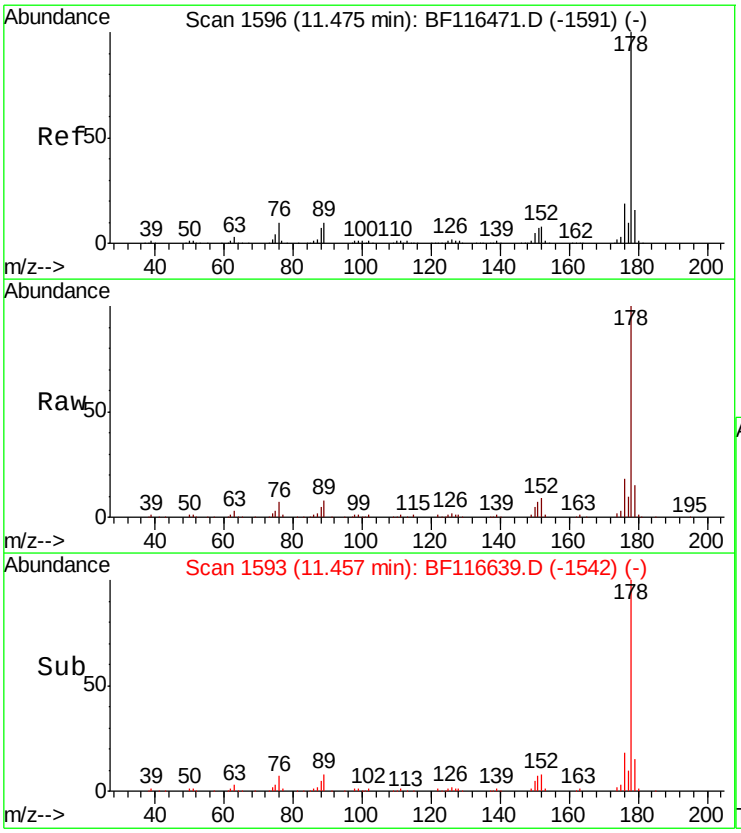

#71
Phenanthrene
Concen: 101.769 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:178 Resp: 806432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.5 | 23.3 |
| 179 | 15.6 | 12.4 | 18.6 |

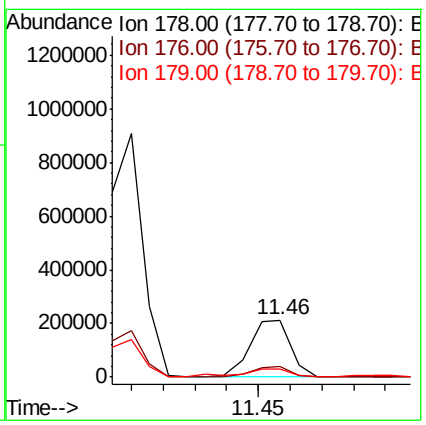


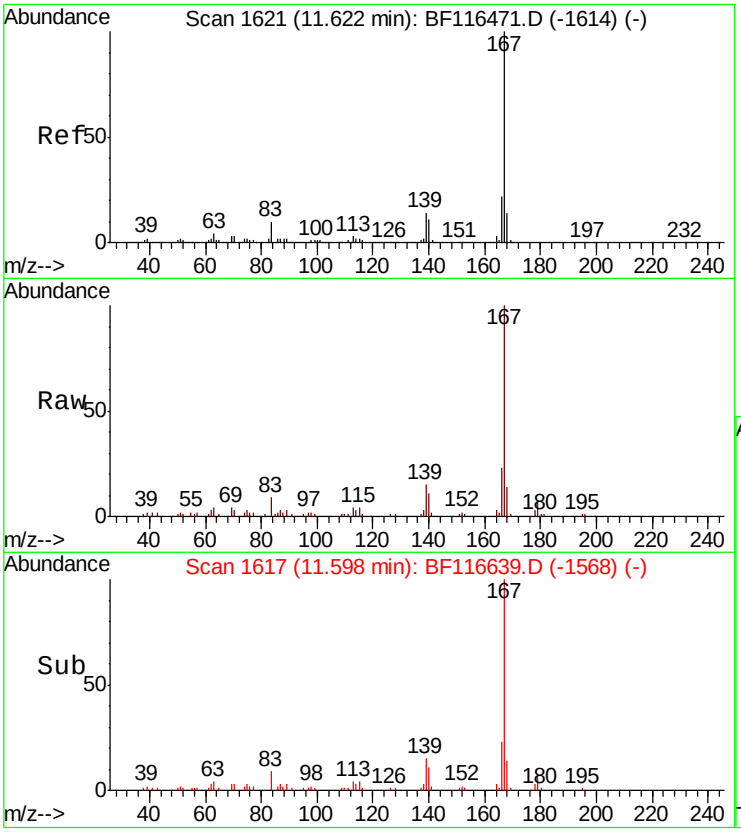




#72
Anthracene
Concen: 23.728 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:178 Resp: 188002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.1 | 22.7 |
| 179 | 15.1 | 12.7 | 19.1 |



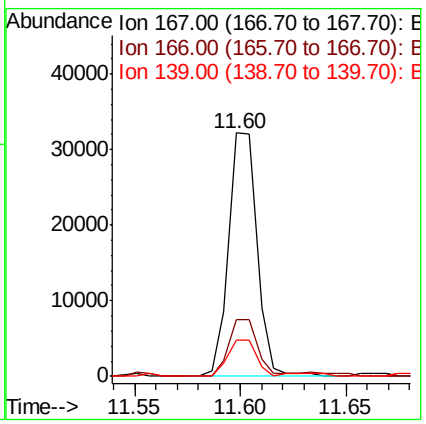


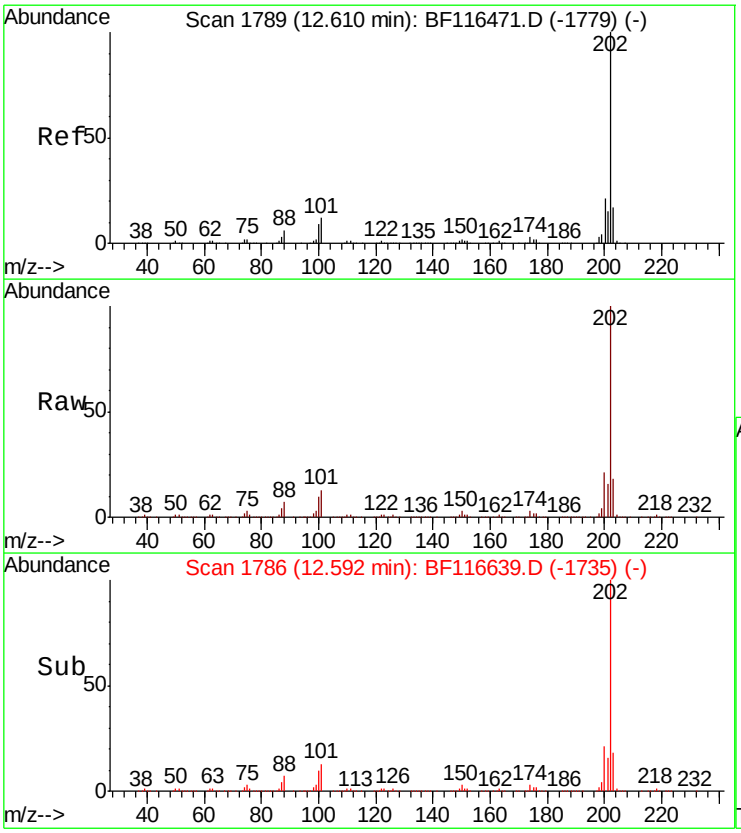

#73
Carbazole
Concen: 4.444 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:167 Resp: 29967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.2 | 17.9 | 26.9 |
| 139 | 14.9 | 10.3 | 15.5 |

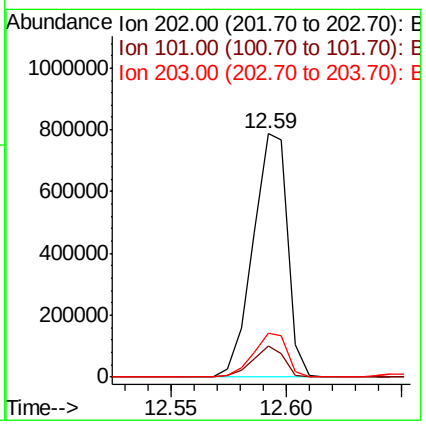


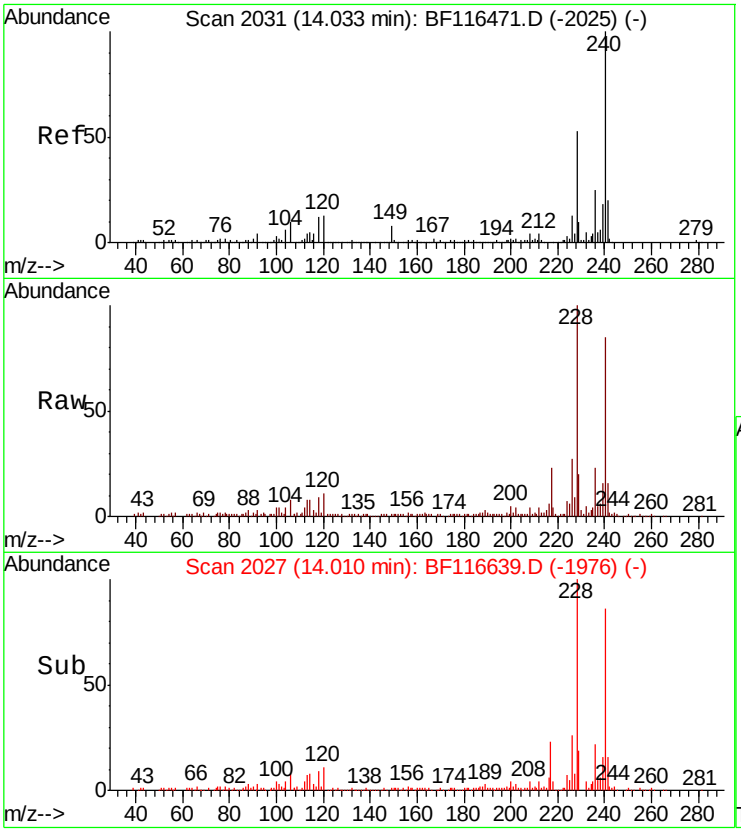




#75
Fluoranthene
Concen: 115.030 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:202 Resp: 817491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.6 | 0.0 | 31.8 |
| 203 | 18.0 | 0.0 | 37.1 |



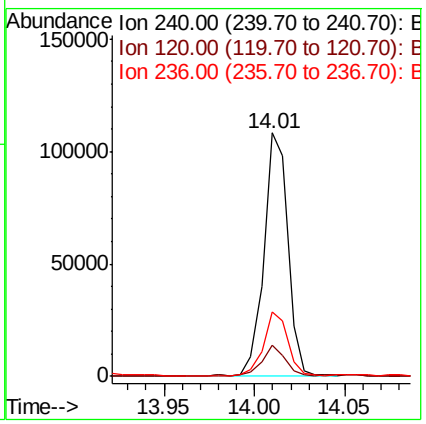


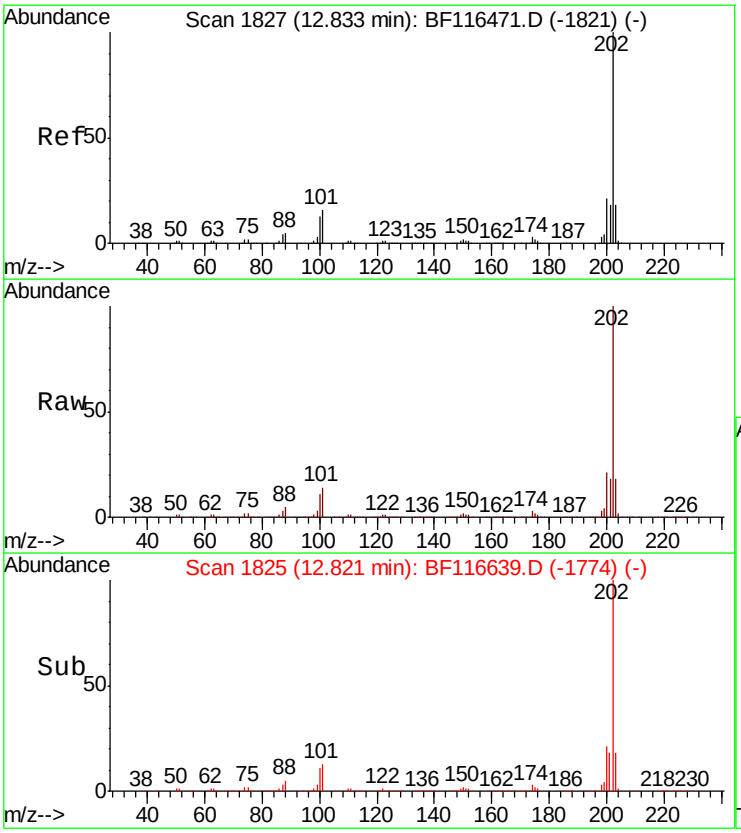

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:240 Resp: 100398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.9 | 11.3 | 16.9 |
| 236 | 26.5 | 21.4 | 32.2 |

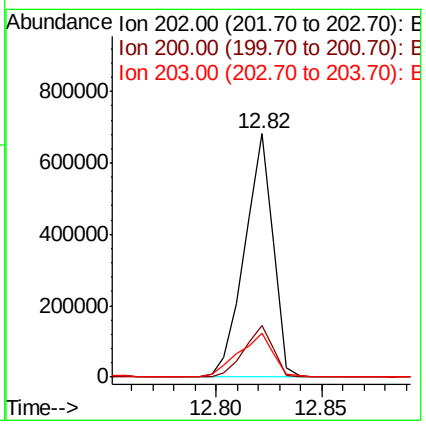


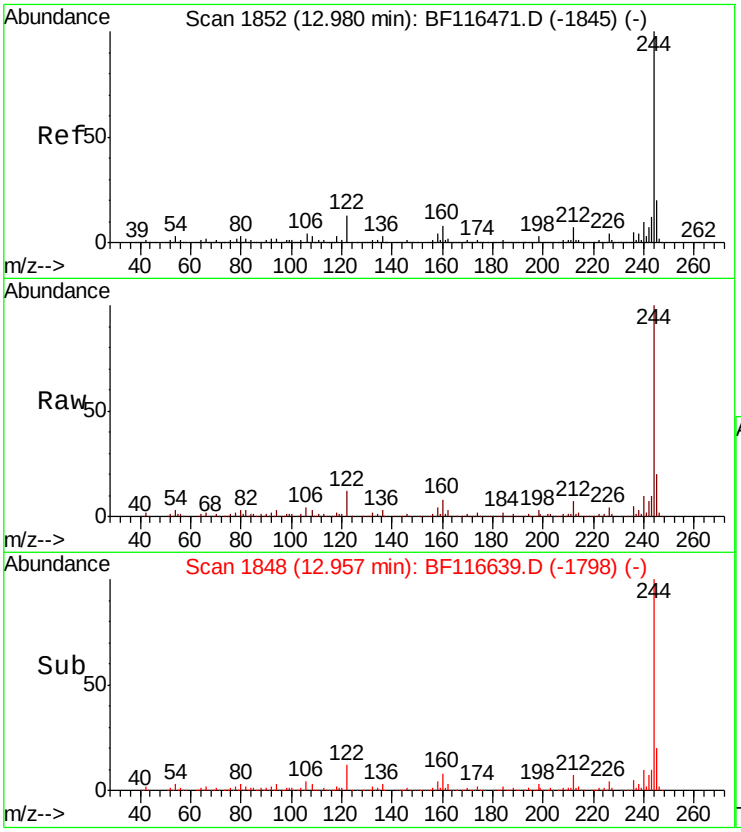




#78
Pyrene
Concen: 69.019 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:202 Resp: 637181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.0 |
| 203 | 17.9 | 14.2 | 21.4 |



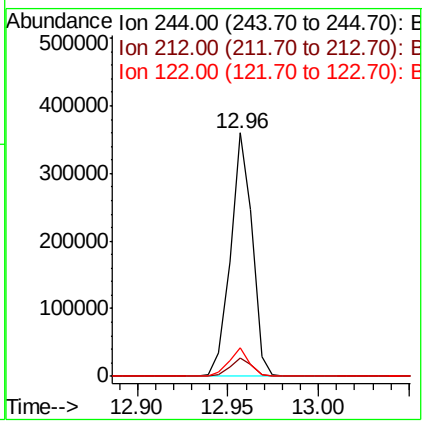


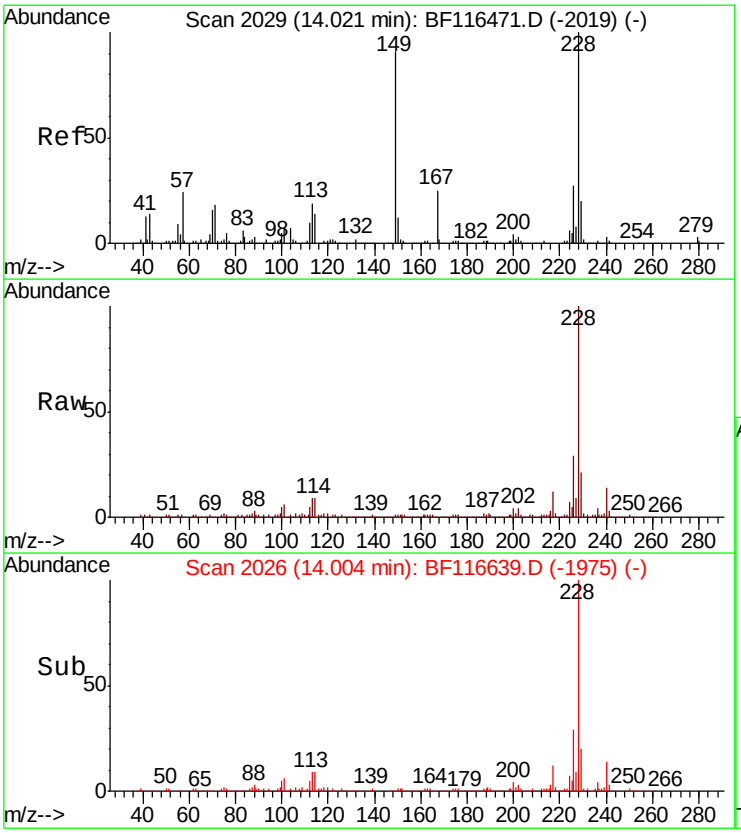

#79
Terphenyl-d14
Concen: 48.360 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 298537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.9 | 8.9 |
| 122 | 11.8 | 10.0 | 15.0 |

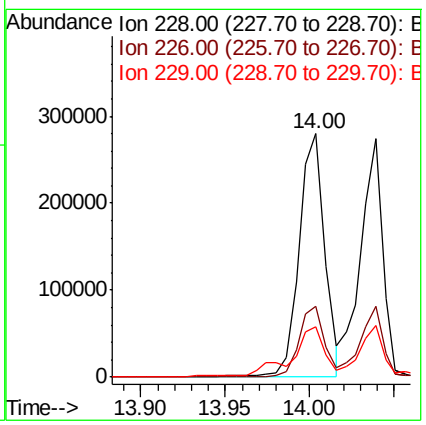


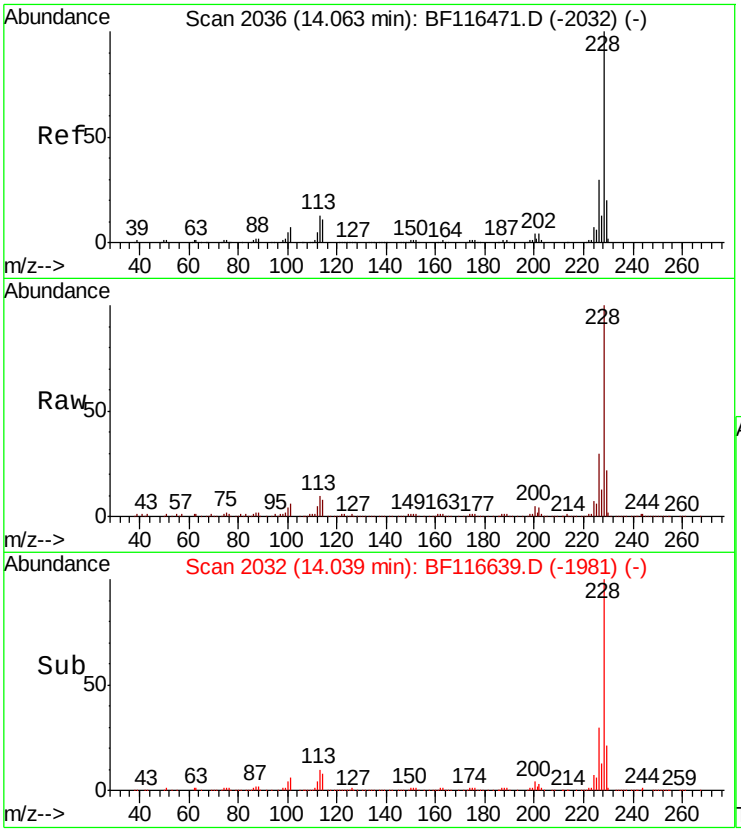




#81
Benzo(a)anthracene
Concen: 43.830 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:228 Resp: 293383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 21.5 | 32.3 |
| 229 | 20.7 | 15.4 | 23.0 |



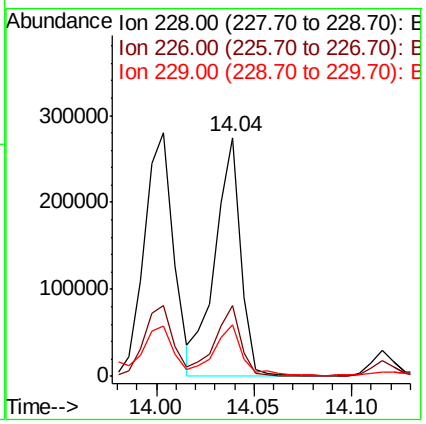


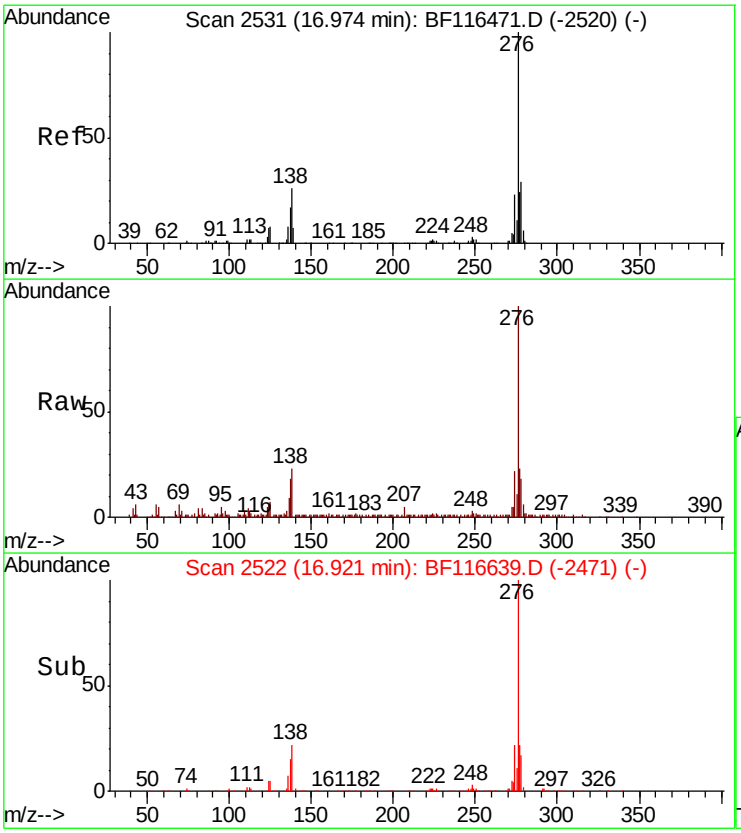

#83
Chrysene
Concen: 38.254 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:228 Resp: 250671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.0 | 36.0 |
| 229 | 21.6 | 15.8 | 23.8 |

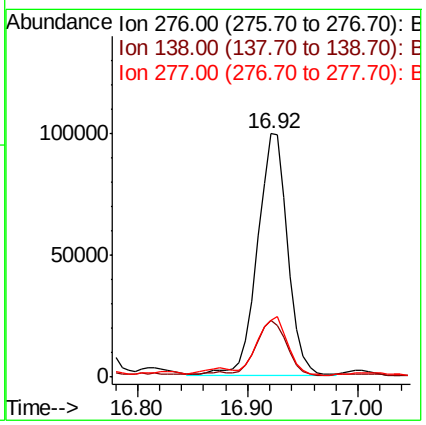


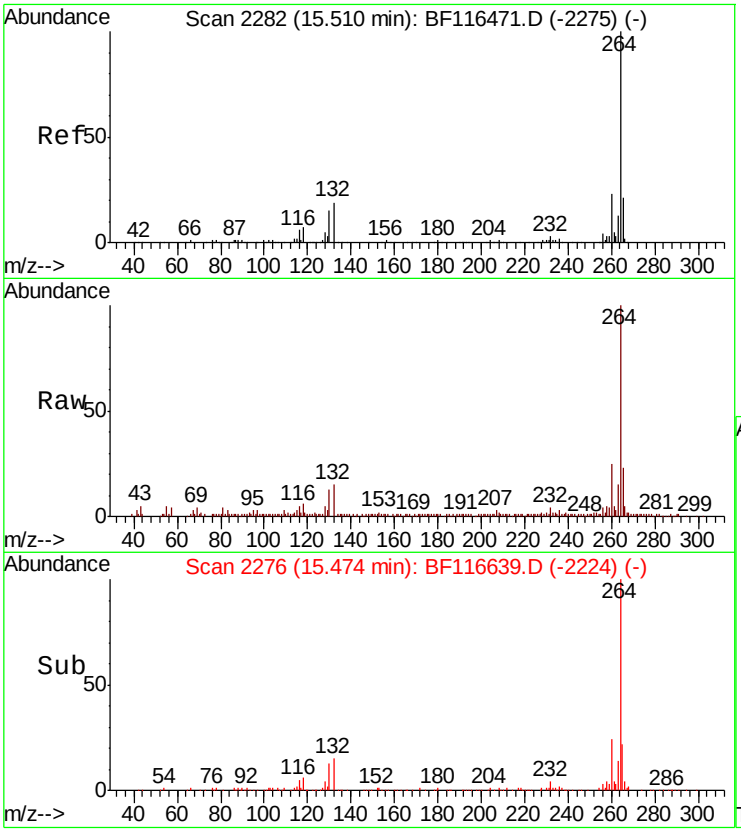




#86
Indeno(1,2,3-cd)pyrene
Concen: 35.481 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:276 Resp: 190038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.7 | 21.5 | 32.3 |
| 277 | 23.9 | 20.0 | 30.0 |



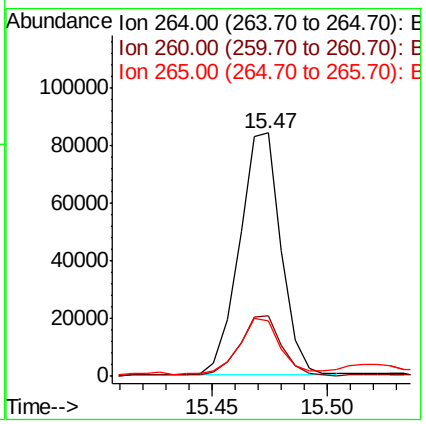


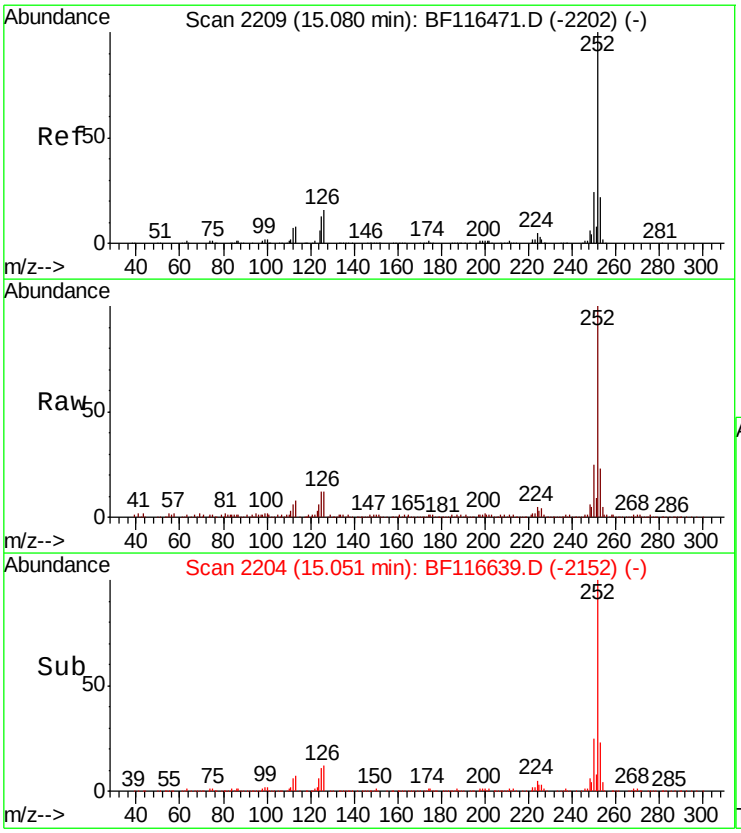

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 105705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 20.0 | 30.0 |
| 265 | 22.5 | 17.6 | 26.4 |

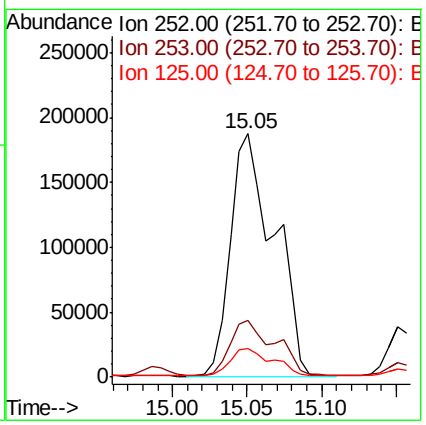


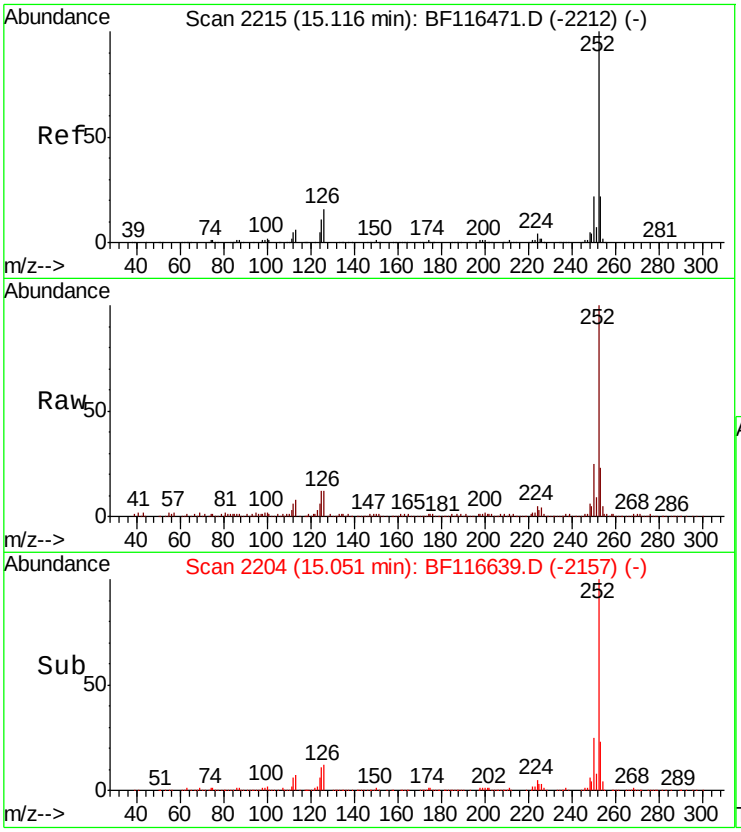




#88
Benzo(b)fluoranthene
Concen: 58.668 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:252 Resp: 380836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.3 | 25.9 |
| 125 | 11.9 | 9.0 | 13.6 |



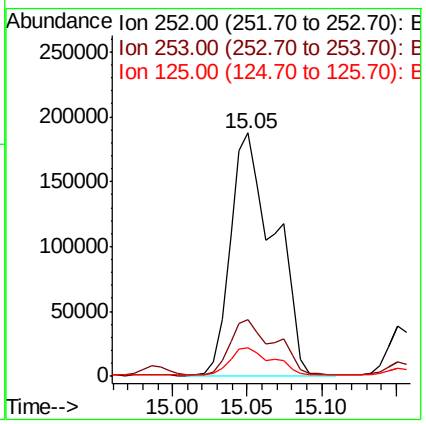


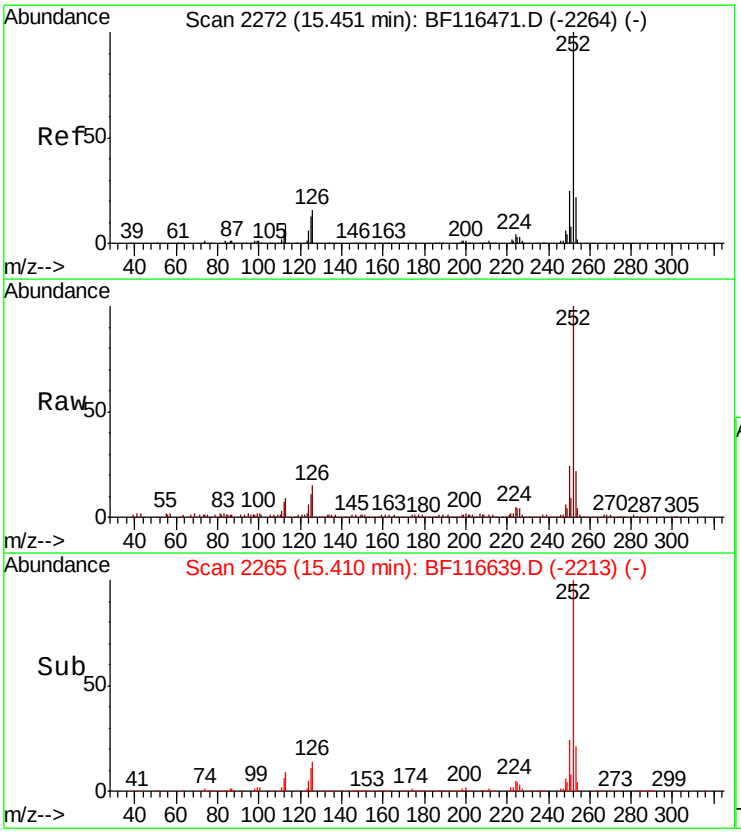

#89
Benzo(k)fluoranthene
Concen: 61.720 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 380836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.2 | 25.8 |
| 125 | 11.9 | 8.6 | 13.0 |

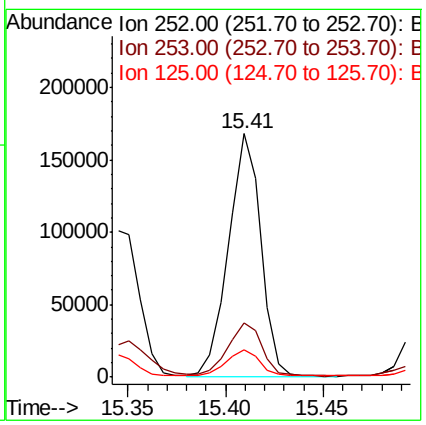


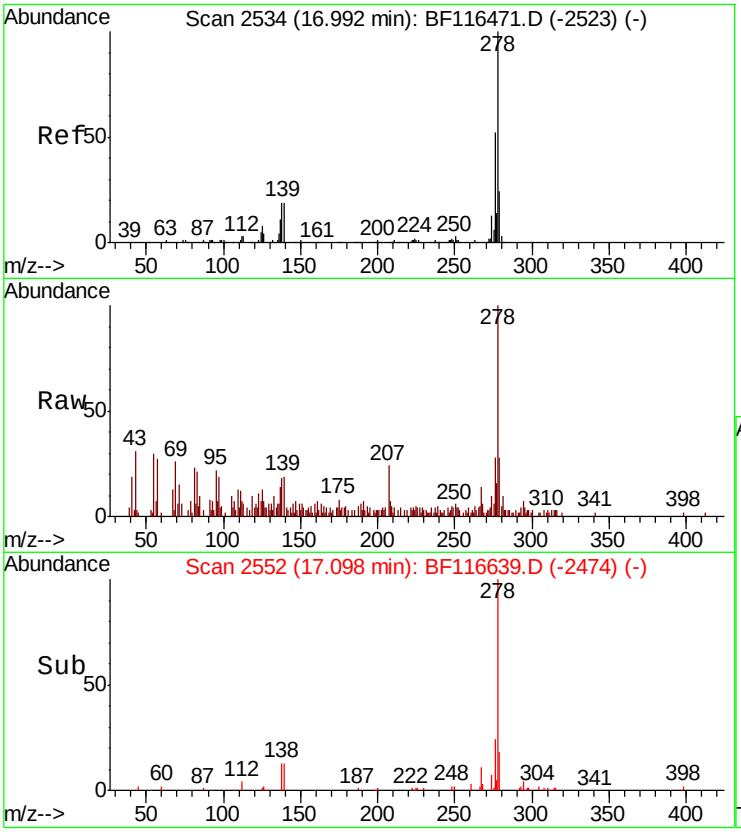




#90
Benzo(a)pyrene
Concen: 33.163 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:252 Resp: 192131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.0 |
| 125 | 11.2 | 10.6 | 16.0 |



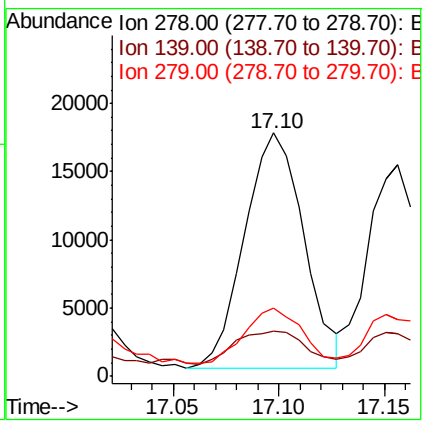


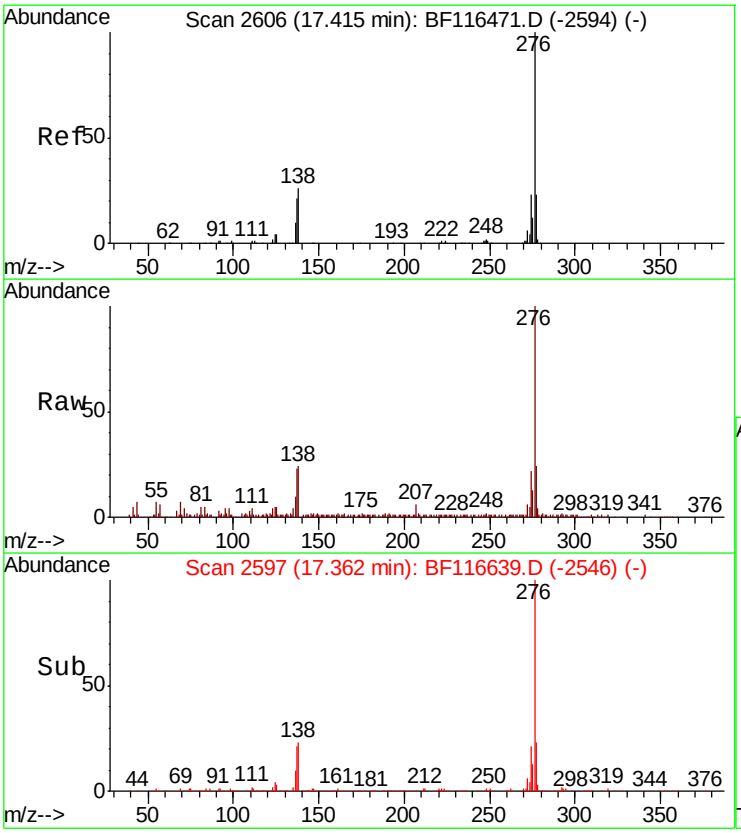

#91
Dibenzo(a,h)anthracene
Concen: 6.229 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.16 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:278 Resp: 33674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.8 | 14.1 | 21.1 |
| 279 | 28.2 | 19.5 | 29.3 |




#92
Benzo(g,h,i)perylene
Concen: 30.237 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BF116639.D
Acq: 29 Aug 2019 2:24

Tgt Ion:276 Resp: 169960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 19.0 | 28.4 |
| 138 | 23.6 | 18.2 | 27.2 |