Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118544.D
Acq On : 13 Jan 2020 21:34
Operator : JU
Sample : L1103-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 14 10:29:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 135233 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.10 | 136 | 506994 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 250887 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.36 | 188 | 382838 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 14.01 | 240 | 325405 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 15.49 | 264 | 323191 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 803165 | 98.04 | ng | | -0.01 |
| 7) Phenol-d6 | 6.46 | 99 | 989565 | 101.03 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 545078 | 56.48 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 271819 | 91.82 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 1146722 | 65.55 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.95 | 244 | 1128229 | 54.94 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.47 | 94 | 26546 | 2.446 | ng | | 85 |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70 | 73231 | 11.609 | ng | # | 73 |
| 25) Isophorone | 7.38 | 82 | 545073 | 35.253 | ng | # | 63 |
| 31) Naphthalene | 8.12 | 128 | 257280 | 9.701 | ng | | 99 |
| 32) Benzoic acid | 7.88 | 122 | 5964 | 7.657 | ng | # | 80 |
| 33) 4-Chloroaniline | 8.12 | 127 | 33233 | 3.044 | ng | # | 36 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 63521 | 3.490 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.82 | 142 | 63200 | 3.698 | ng | | 98 |
| 49) Acenaphthylene | 9.72 | 152 | 229324 | 9.495 | ng | | 98 |
| 50) Dimethylphthalate | 9.57 | 163 | 121949 | 6.333 | ng | | 99 |
| 58) Fluorene | 10.41 | 166 | 44304 | 2.488 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.66 | 248 | 15845 | 3.534 | ng | # | 1 |
| 71) Phenanthrene | 11.38 | 178 | 651839 | 30.394 | ng | | 99 |
| 72) Anthracene | 11.43 | 178 | 168515 | 7.898 | ng | | 99 |
| 75) Fluoranthene | 12.57 | 202 | 906640 | 41.593 | ng | | 99 |
| 77) Benzidine | 12.73 | 184 | 1326 | Below Cal | | # | 1 |
| 78) Pyrene | 12.81 | 202 | 1279770 | 47.801 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.04 | 228 | 809303 | 35.532 | ng | | 93 |
| 83) Chrysene | 14.04 | 228 | 809303 | 36.565 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 435513 | 24.441 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.06 | 252 | 1159427 | 49.620 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 15.06 | 252 | 1159427 | 51.984 | ng | # | 96 |
| 90) Benzo(a)pyrene | 15.43 | 252 | 671554 | 35.071 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.99 | 278 | 96932 | 5.399 | ng | # | 80 |
| 92) Benzo(g,h,i)perylene | 17.44 | 276 | 483247 | 28.405 | ng | | 97 |

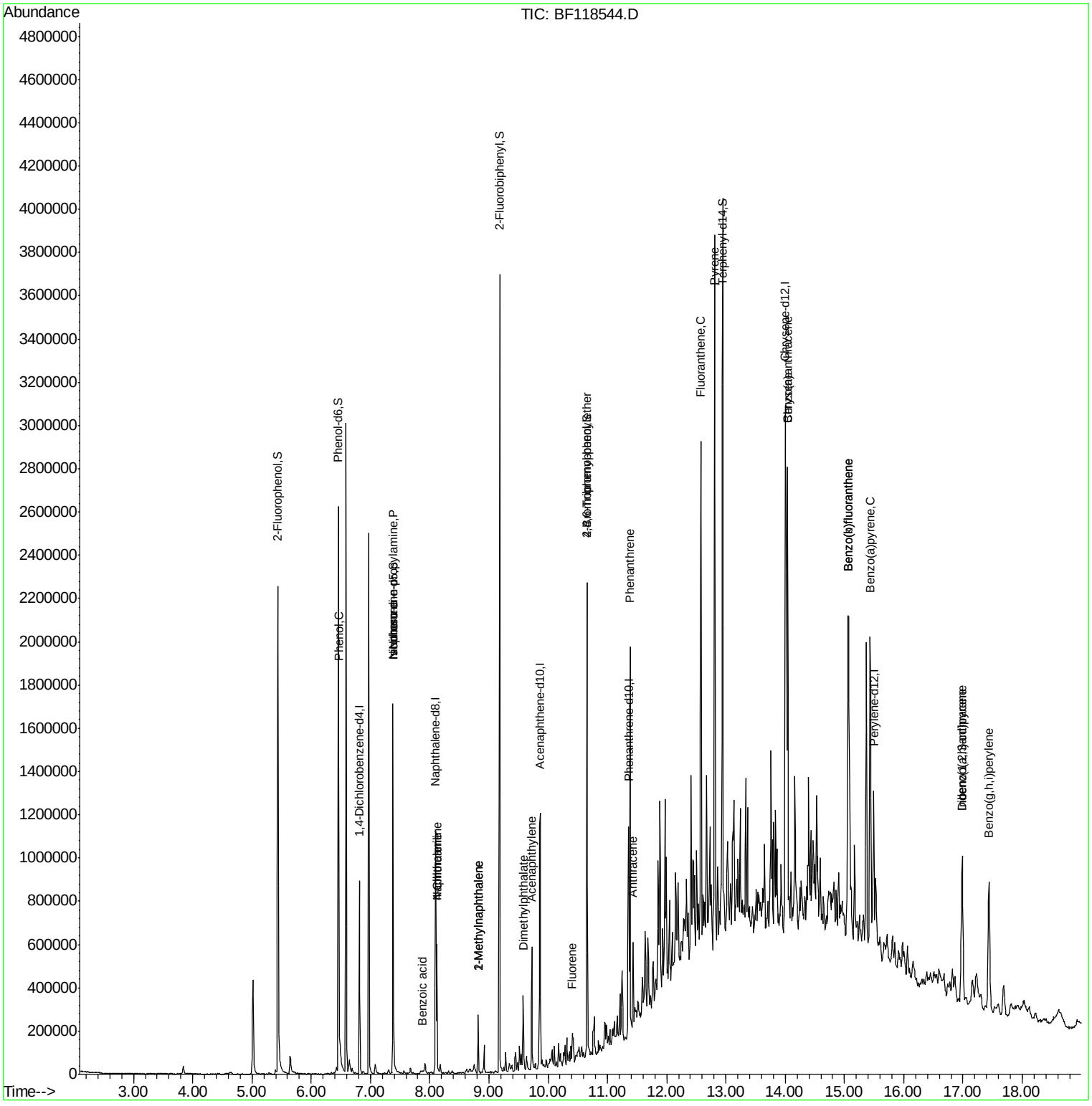
(#) = qualifier out of range (m) = manual integration (+) = signals summed

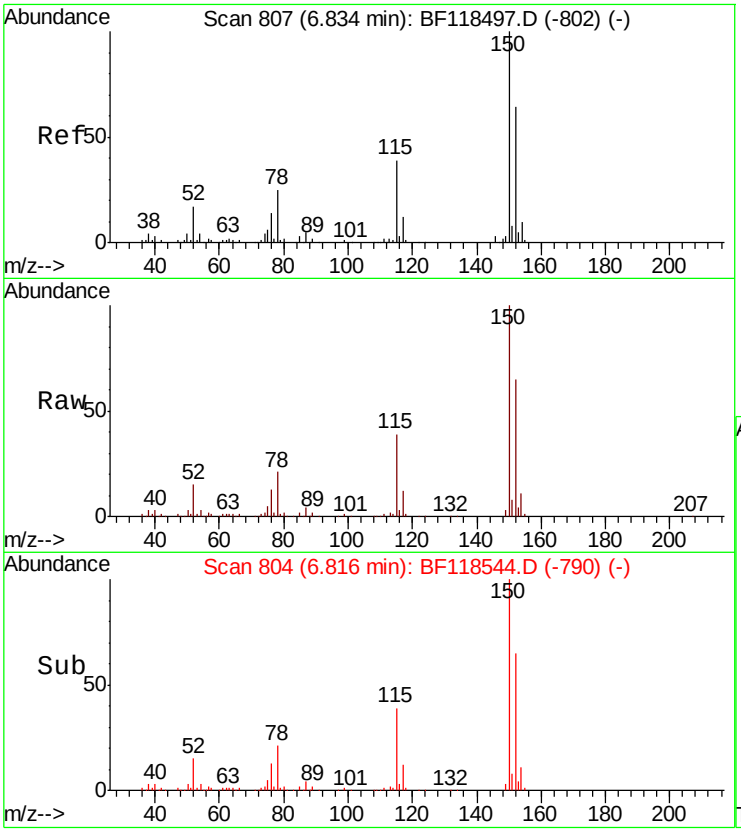
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118544.D
Acq On : 13 Jan 2020 21:34
Operator : JU
Sample : L1103-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 14 10:29:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



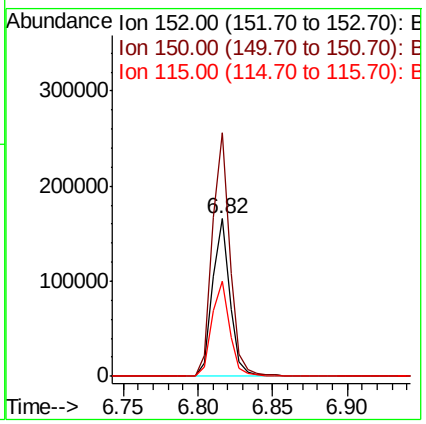


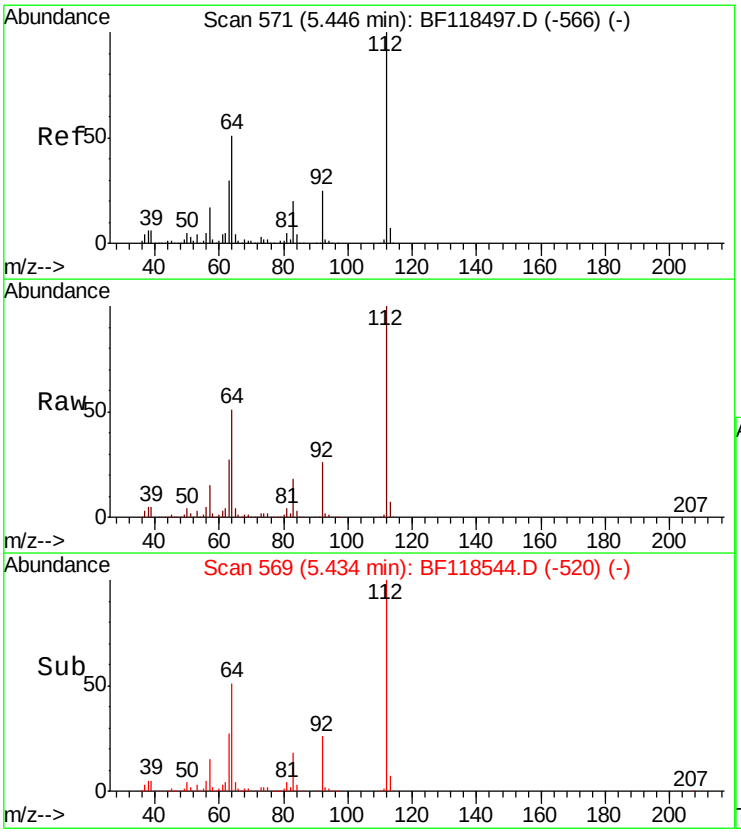

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:152 Resp: 135233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.5 | 124.7 | 187.1 |
| 115 | 60.7 | 49.0 | 73.6 |

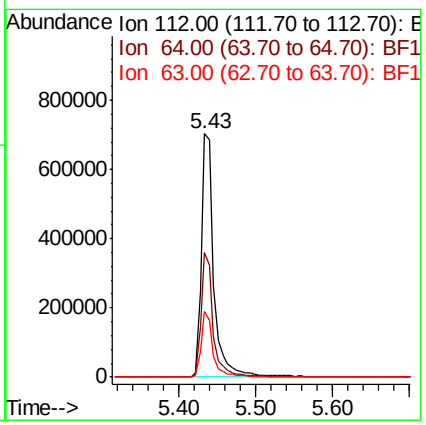


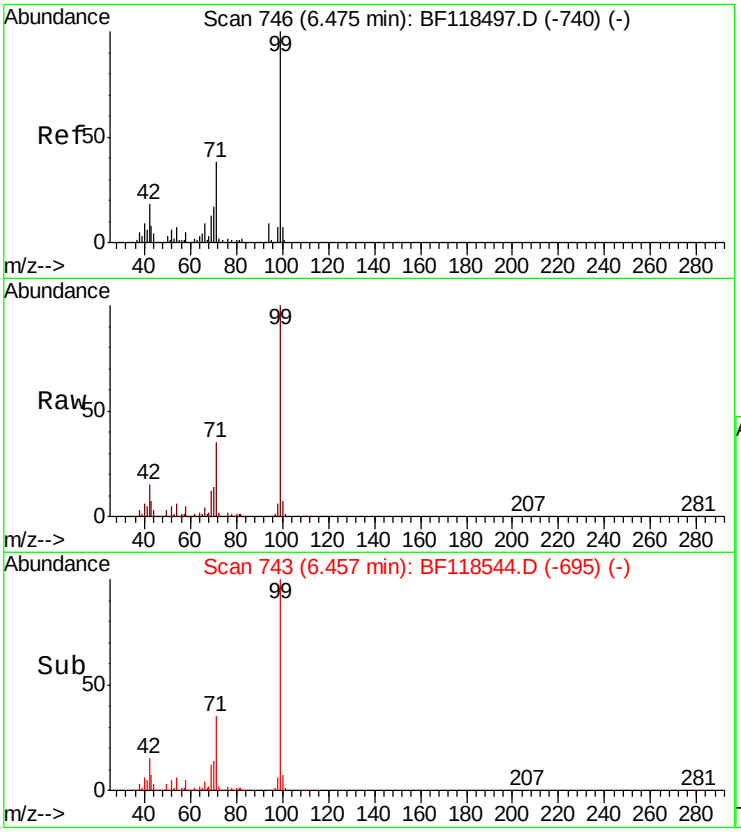




#5
2-Fluorophenol
Concen: 98.040 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:112 Resp: 803165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.9 | 41.1 | 61.7 |
| 63 | 27.2 | 24.1 | 36.1 |



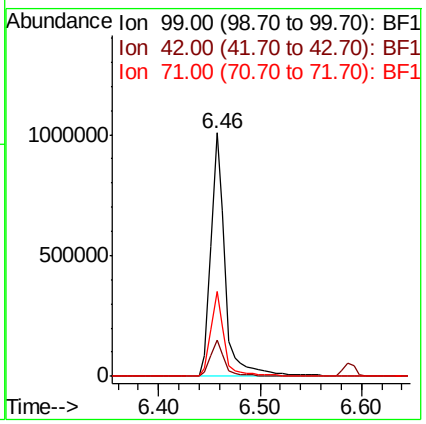


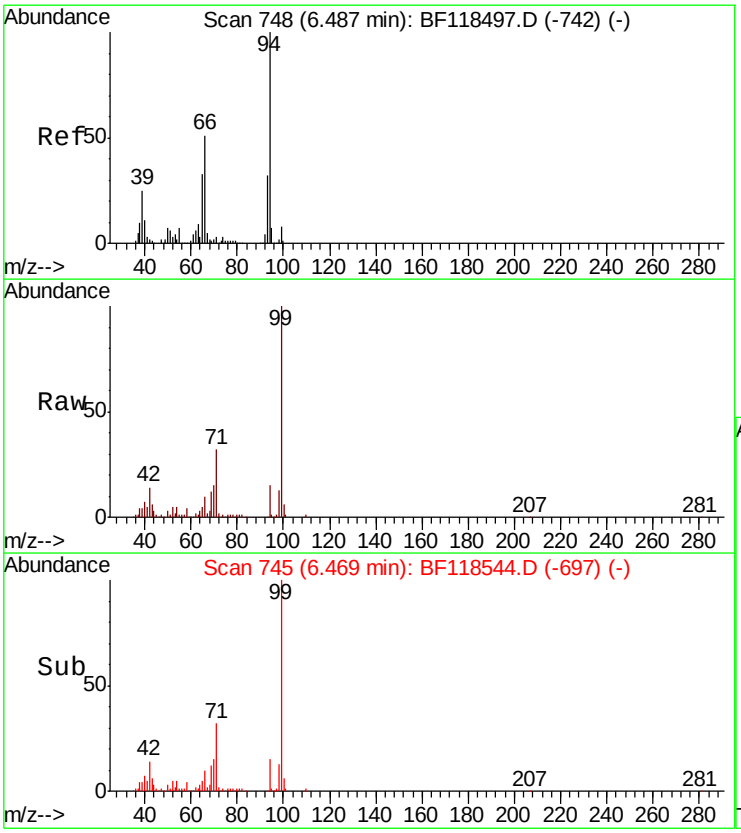

#7
Phenol-d6
Concen: 101.035 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion: 99 Resp: 989565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.0 | 14.5 | 21.7 |
| 71 | 35.0 | 30.6 | 45.8 |

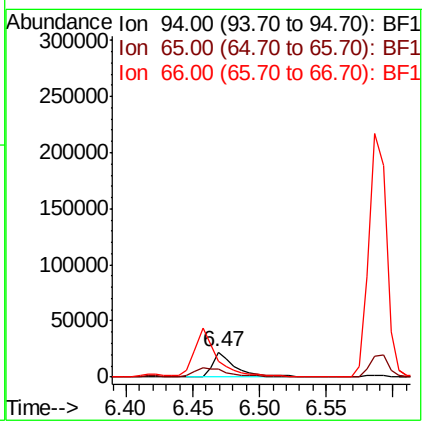


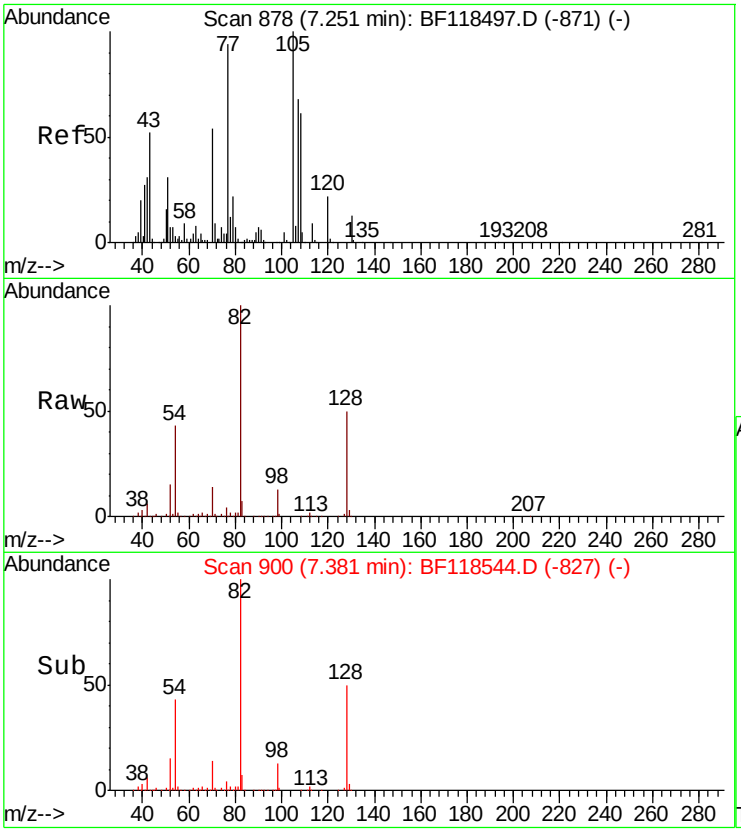




#10
Phenol
Concen: 2.446 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion: 94 Resp: 26546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.0 | 13.3 | 53.3 |
| 66 | 65.4 | 30.9 | 70.9 |



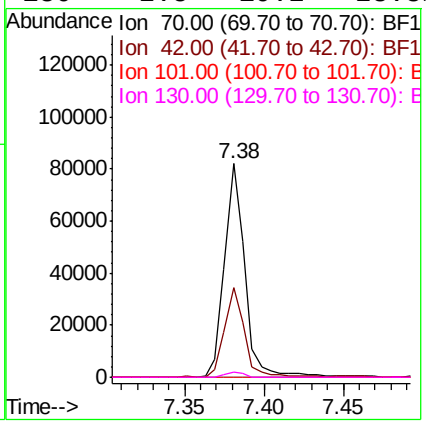


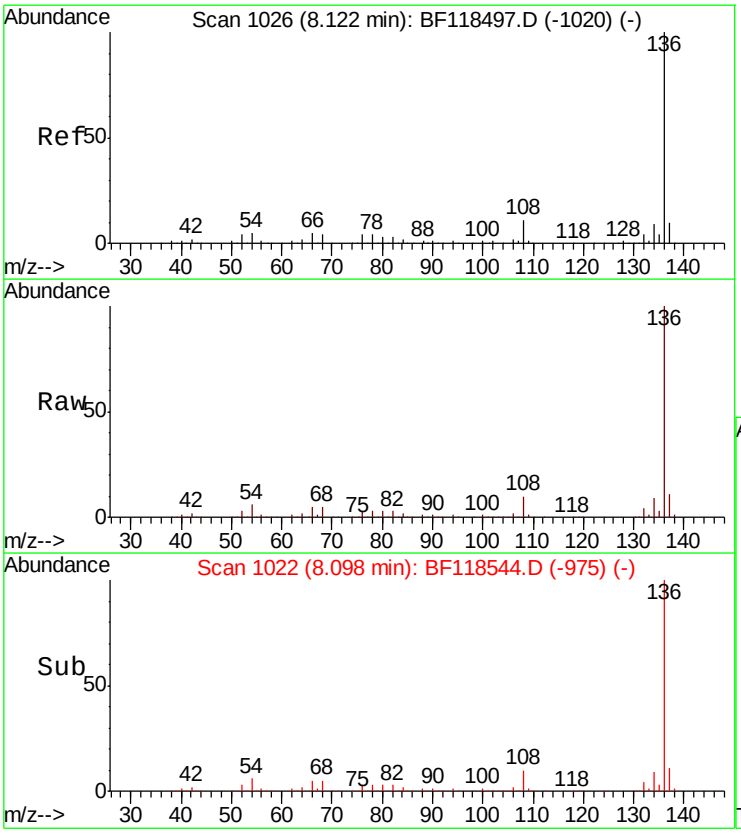

#19
n-Nitroso-di-n-propylamine
Concen: 11.609 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion: 70 Resp: 73231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 41.9 | 45.6 | 68.4# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 2.5 | 19.2 | 28.8# |

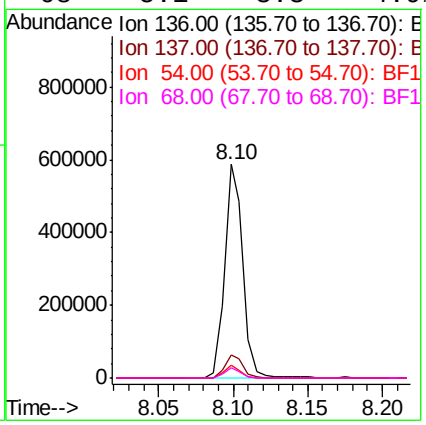


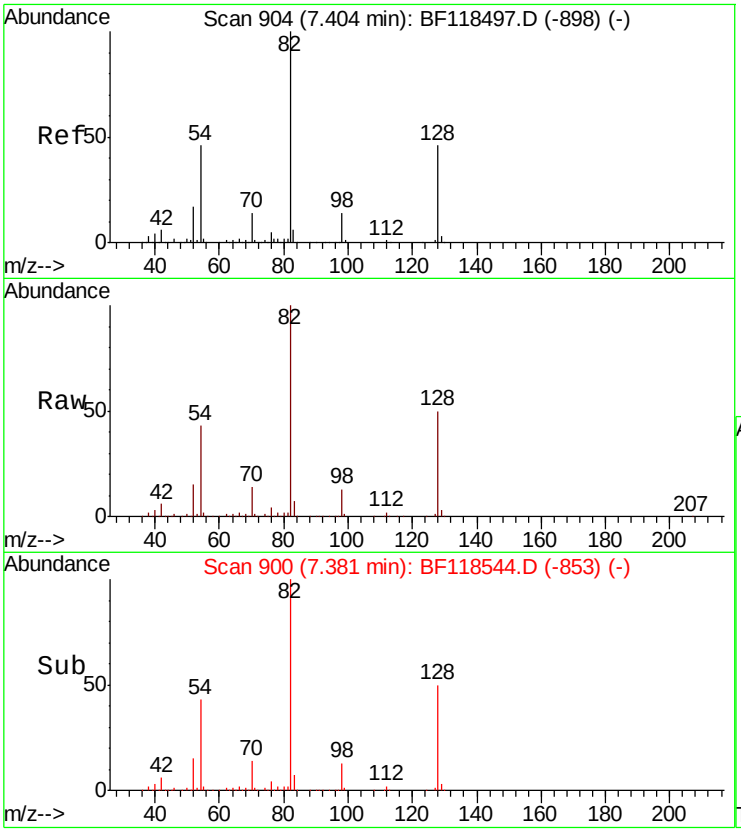




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:136 Resp: 506994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.3 | 12.5 |
| 54 | 5.9 | 4.2 | 6.2 |
| 68 | 5.1 | 3.3 | 4.9# |



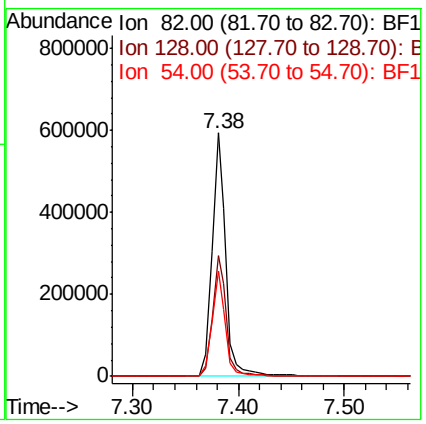


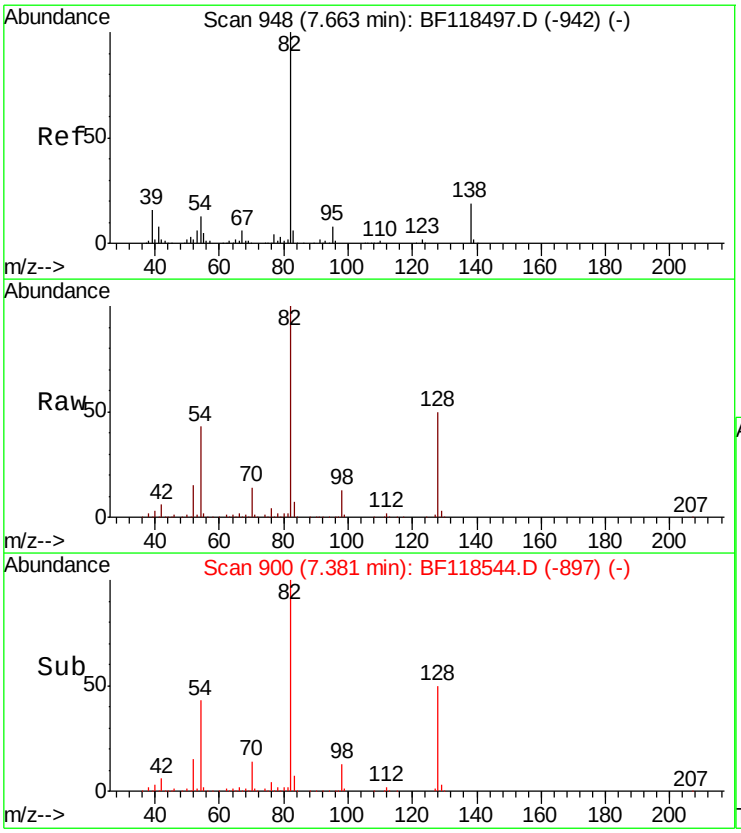

#23
Nitrobenzene-d5
Concen: 56.477 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion: 82 Resp: 545078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 36.6 | 54.8 |
| 54 | 43.2 | 37.0 | 55.6 |

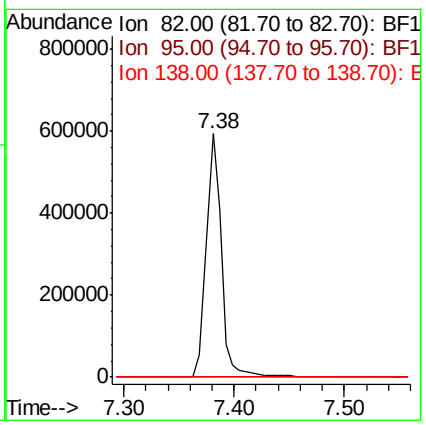


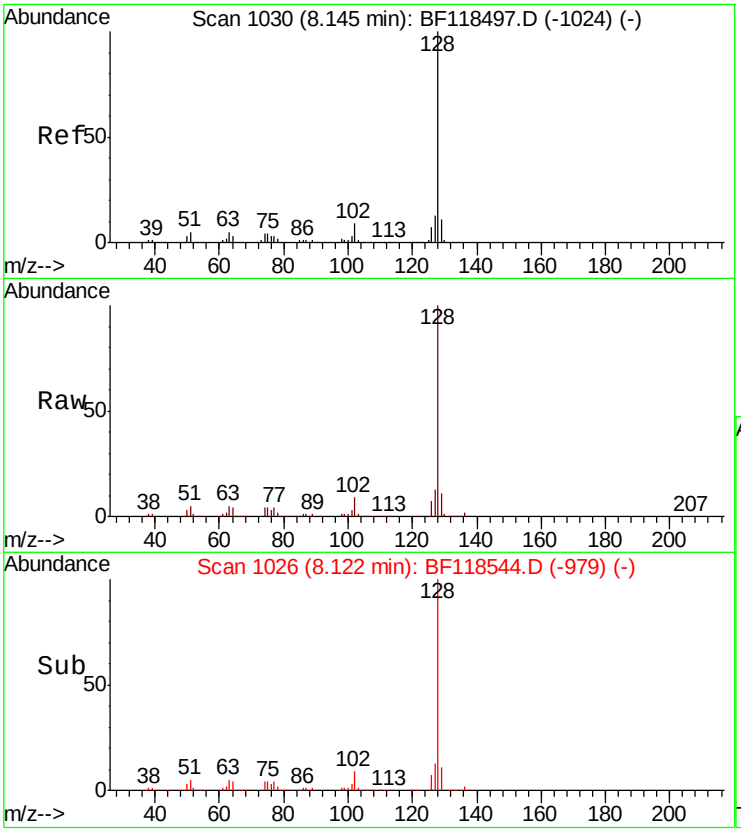




#25
Isophorone
Concen: 35.253 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion: 82 Resp: 545073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.6 | 9.8# |
| 138 | 0.0 | 15.4 | 23.2# |



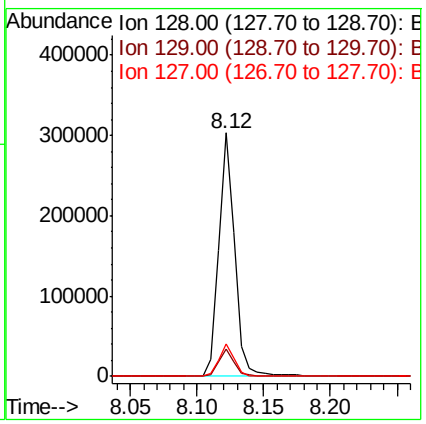


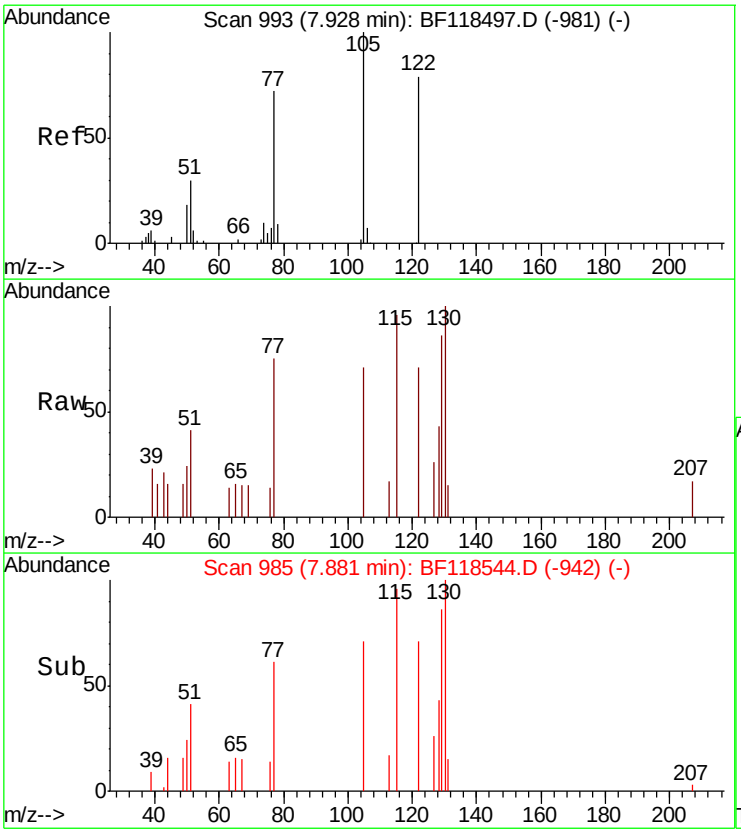

#31
Naphthalene
Concen: 9.701 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:128 Resp: 257280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.6 | 12.8 |
| 127 | 13.4 | 10.7 | 16.1 |

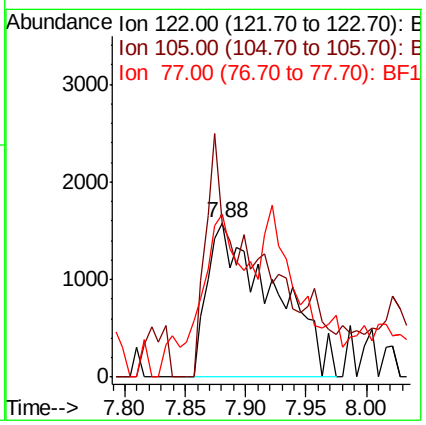


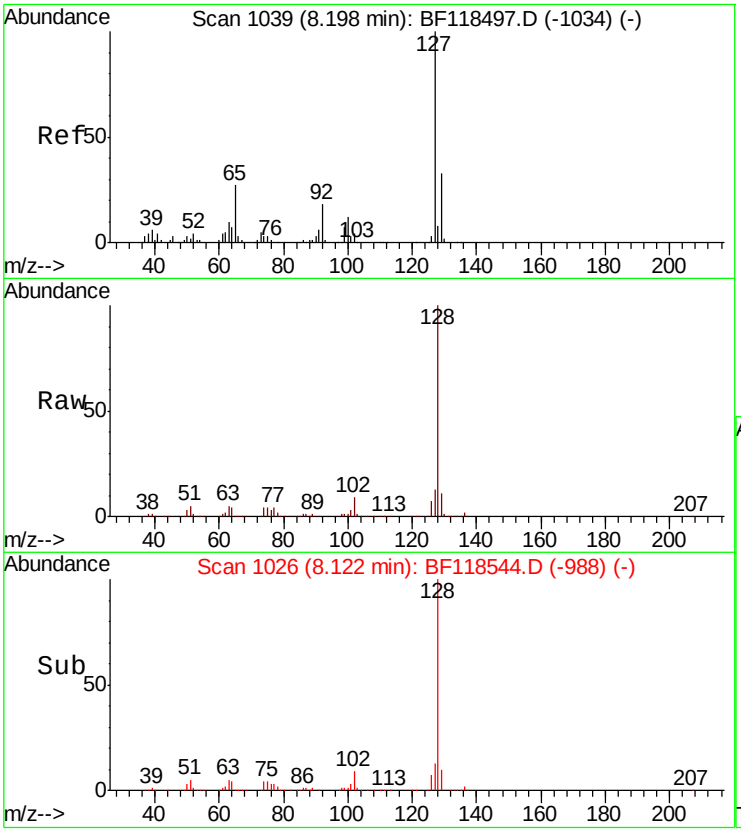




#32
Benzoic acid
Concen: 7.657 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:122 Resp: 5964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 99.2 | 105.7 | 145.7# |
| 77 | 105.8 | 71.0 | 111.0 |



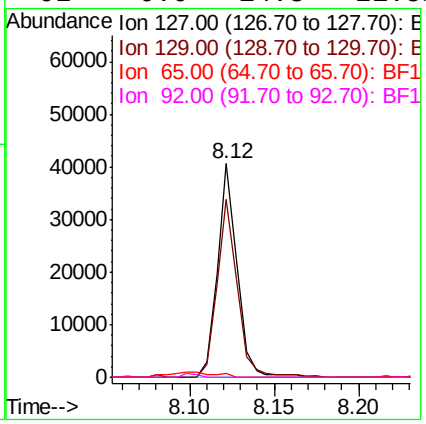


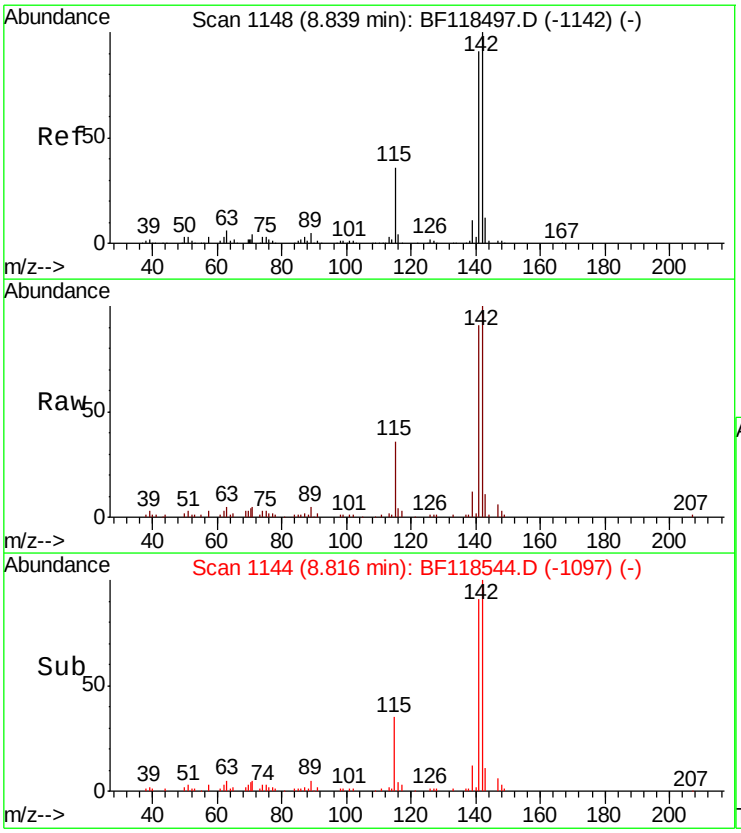

#33
4-Chloroaniline
Concen: 3.044 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.08 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:127 Resp: 33233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 83.4 | 26.2 | 39.4# |
| 65 | 2.1 | 21.6 | 32.4# |
| 92 | 0.0 | 14.3 | 21.5# |

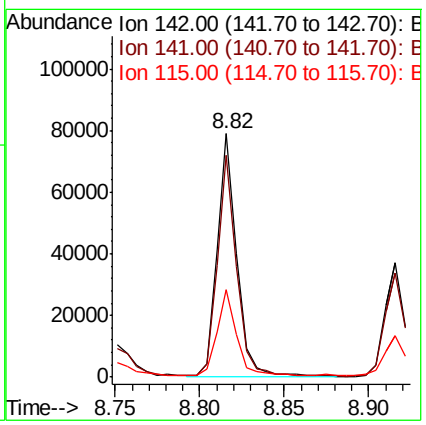


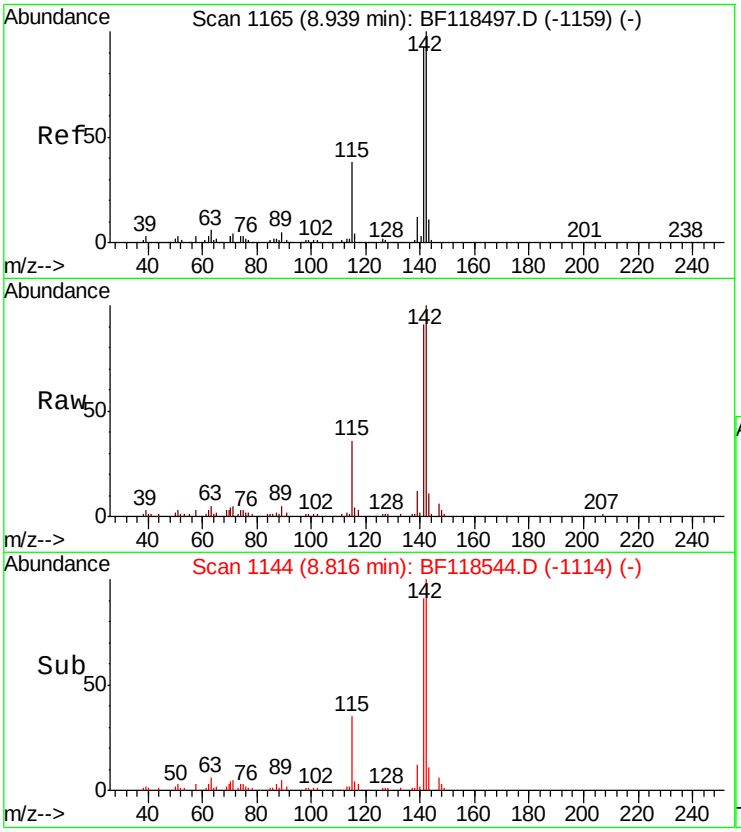




#37
2-Methylnaphthalene
Concen: 3.490 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:142 Resp: 63521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 73.0 | 109.6 |
| 115 | 35.8 | 28.4 | 42.6 |



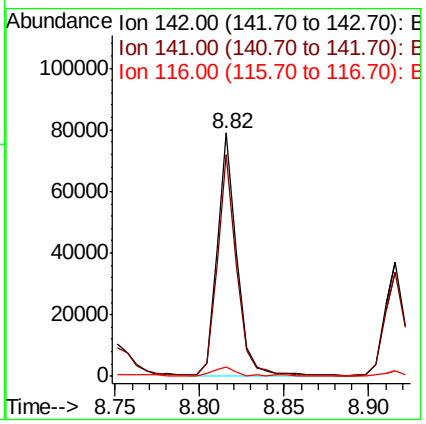


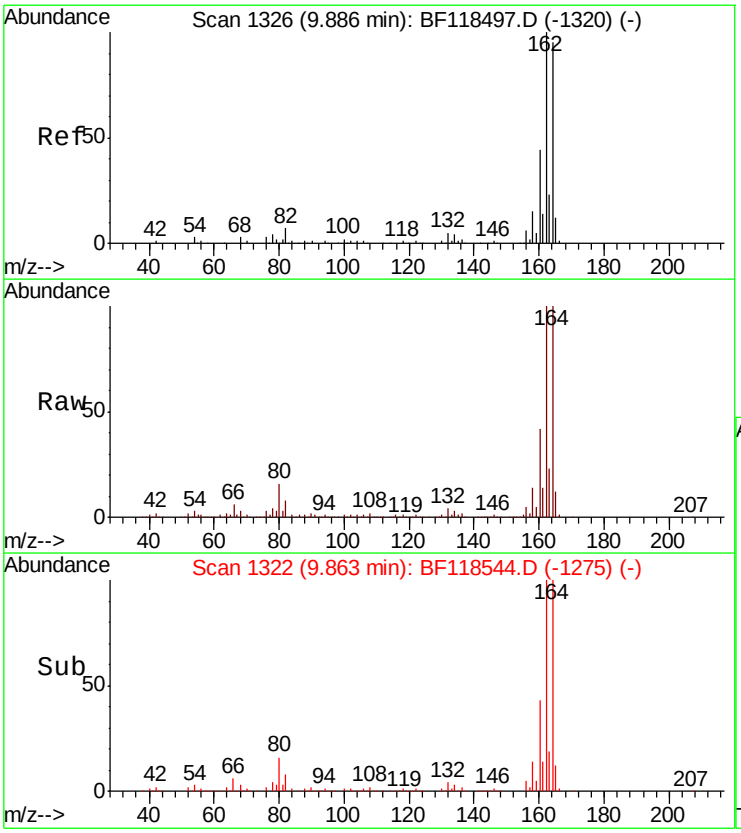

#38
1-Methylnaphthalene
Concen: 3.698 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.12 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:142 Resp: 63200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 74.3 | 111.5 |
| 116 | 4.0 | 3.2 | 4.8 |

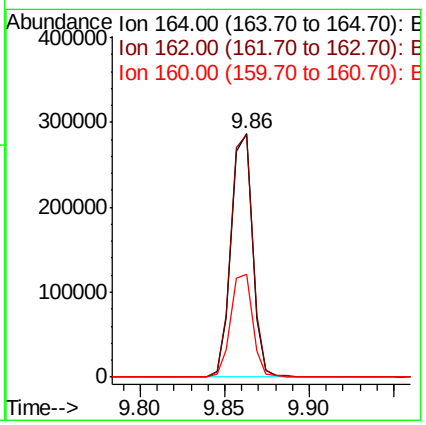


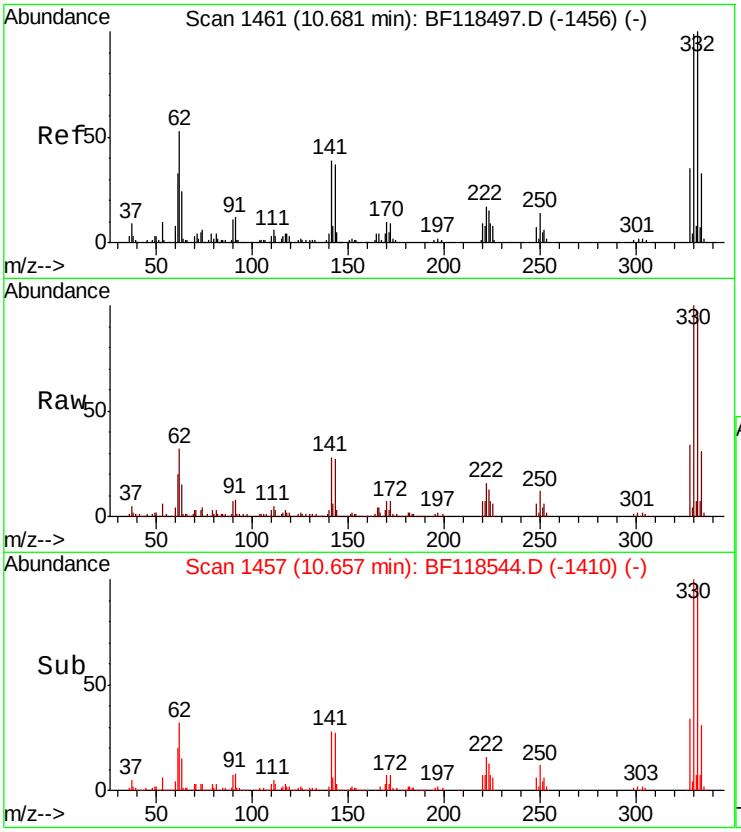




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:164 Resp: 250887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.6 | 84.2 | 126.4 |
| 160 | 42.4 | 36.8 | 55.2 |



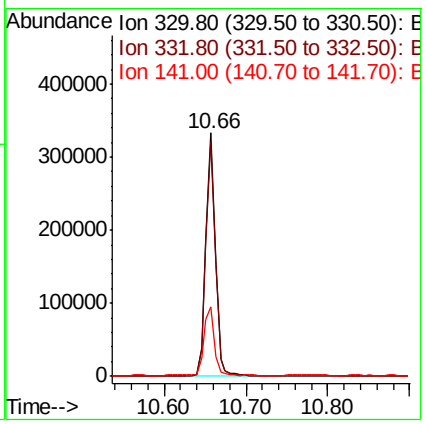


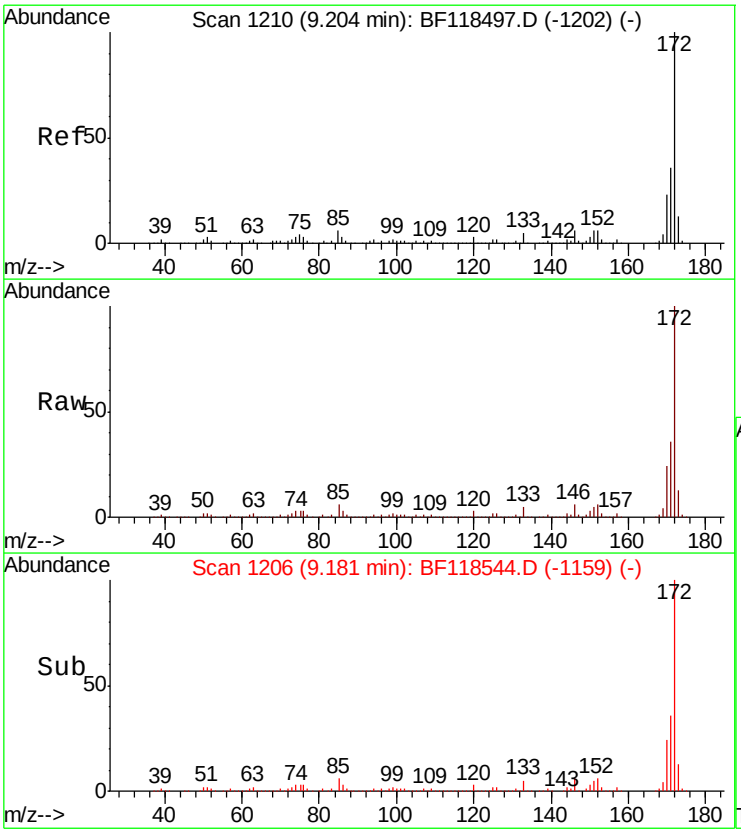

#42
2,4,6-Tribromophenol
Concen: 91.818 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:330 Resp: 271819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 77.9 | 116.9 |
| 141 | 30.4 | 28.6 | 43.0 |

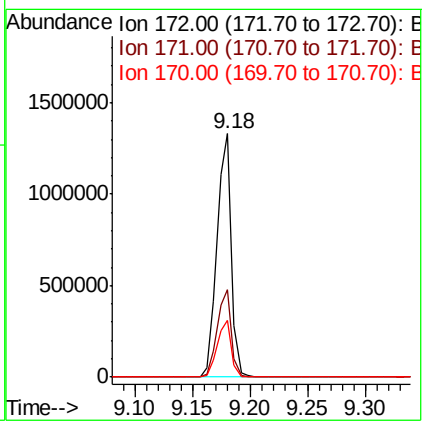


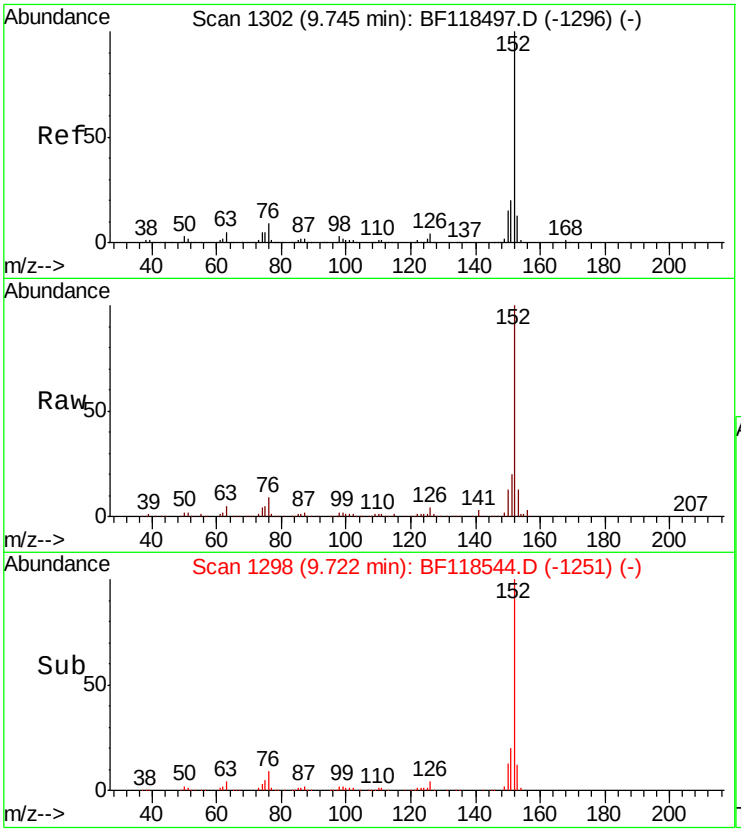




#45
2-Fluorobiphenyl
Concen: 65.553 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:172 Resp: 1146722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 28.6 | 42.8 |
| 170 | 23.6 | 18.6 | 27.8 |



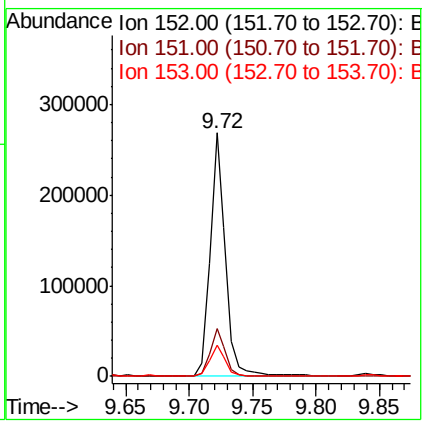


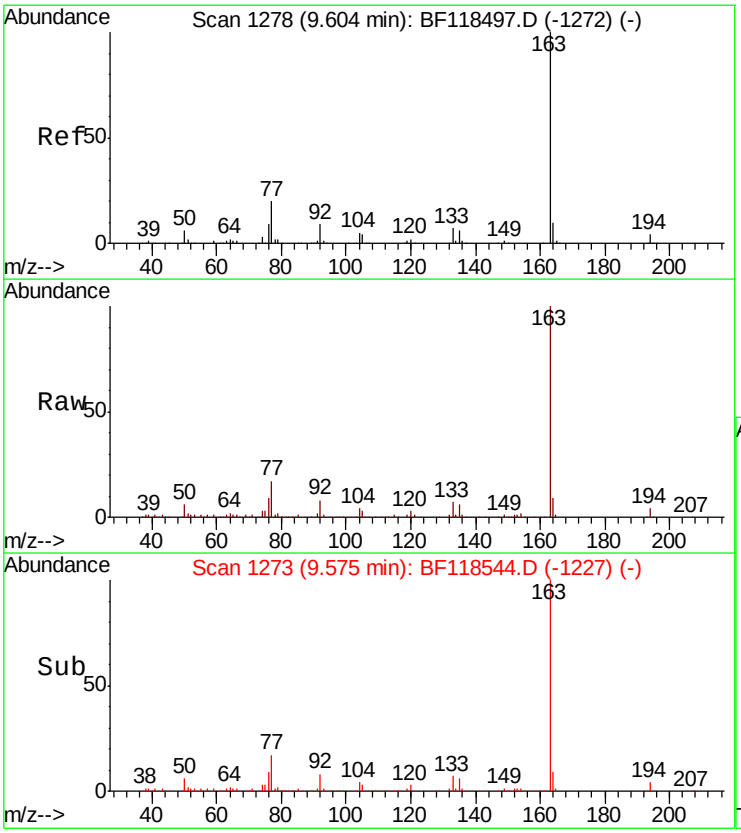

#49
Acenaphthylene
Concen: 9.495 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:152 Resp: 229324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.3 | 24.5 |
| 153 | 12.7 | 10.6 | 16.0 |

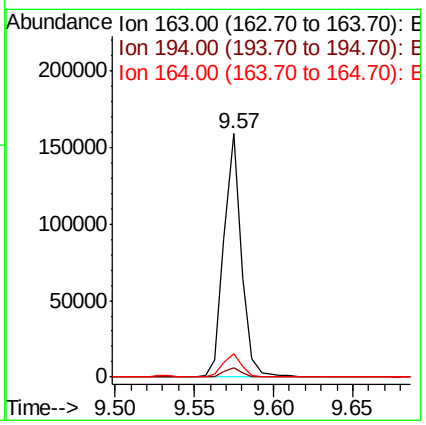


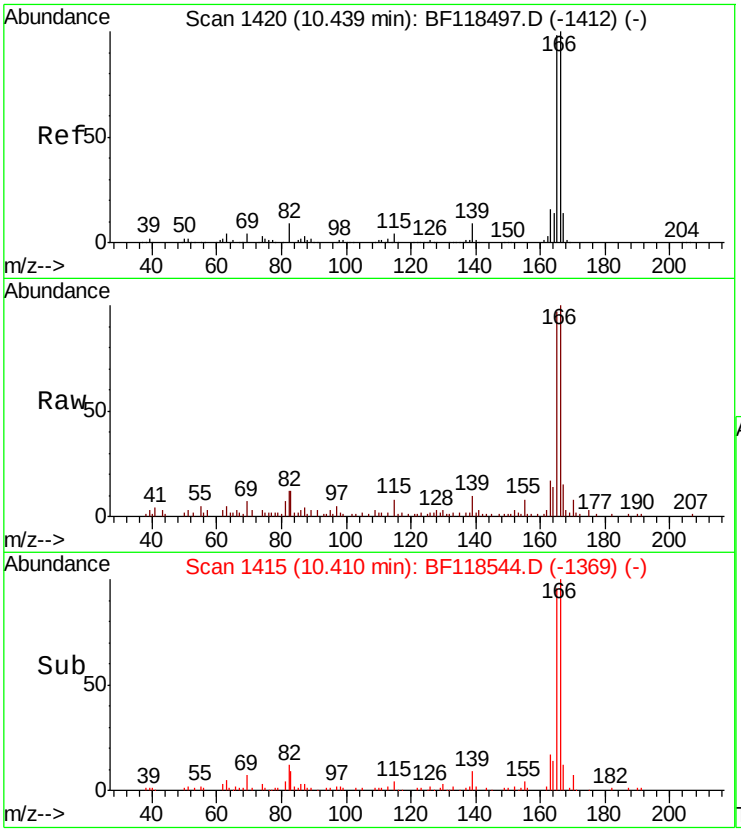




#50
Dimethylphthalate
Concen: 6.333 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:163 Resp: 121949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.6 |
| 164 | 9.5 | 8.1 | 12.1 |



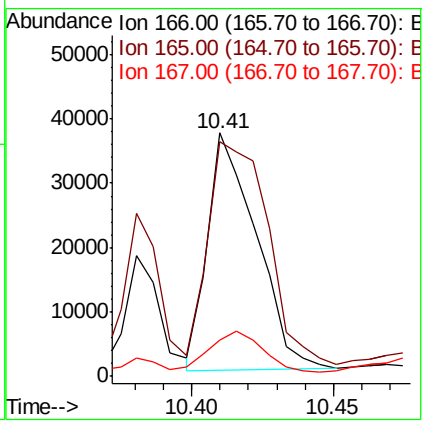


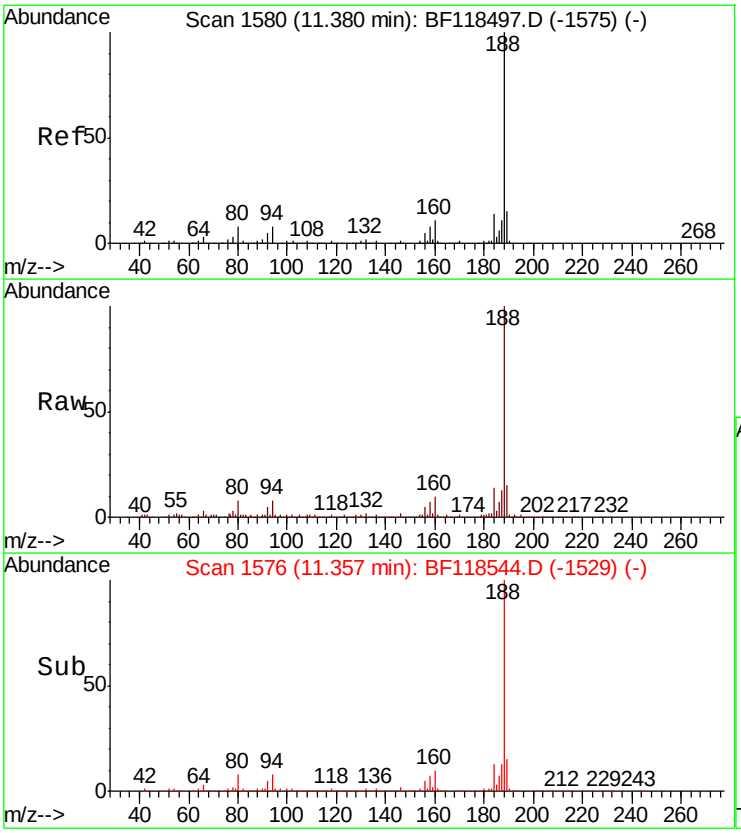

#58
Fluorene
Concen: 2.488 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:166 Resp: 44304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.6 | 78.6 | 117.8 |
| 167 | 14.8 | 10.8 | 16.2 |

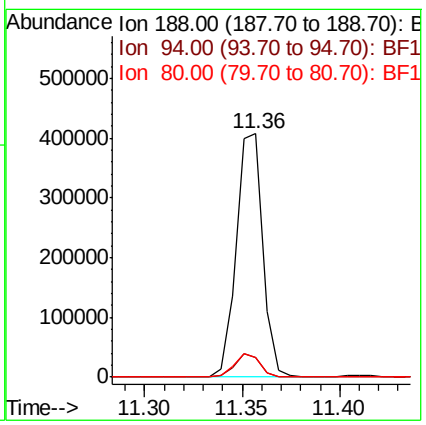


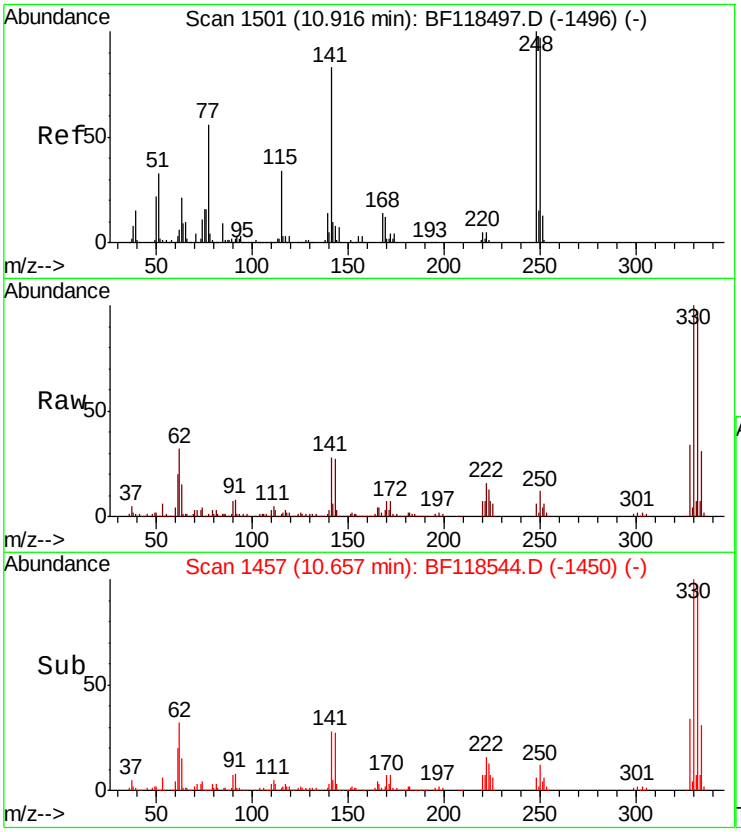




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:188 Resp: 382838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.9 | 6.2 | 9.4 |
| 80 | 7.9 | 6.6 | 10.0 |



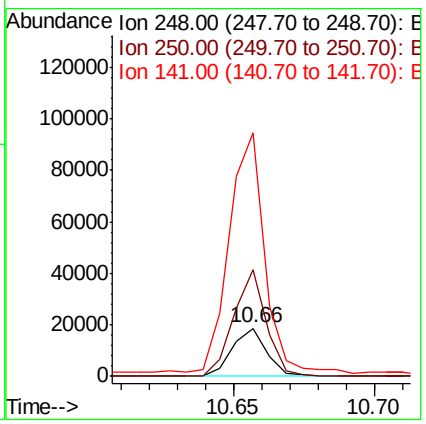


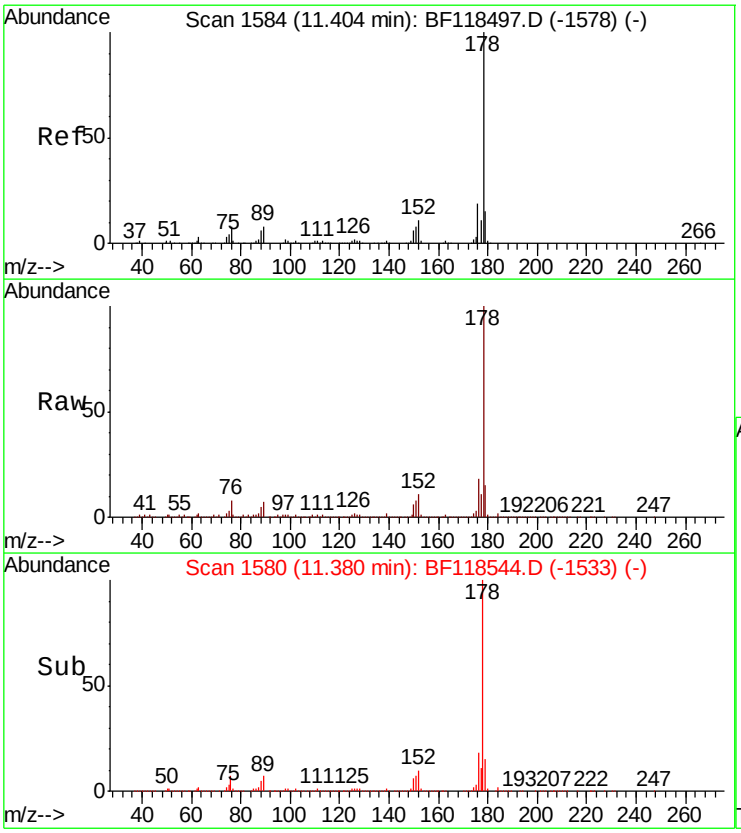

#67
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:248 Resp: 15845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 220.7 | 77.4 | 116.0# |
| 141 | 506.0 | 66.2 | 99.4# |

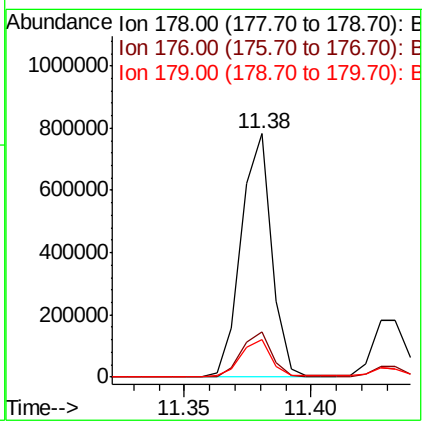


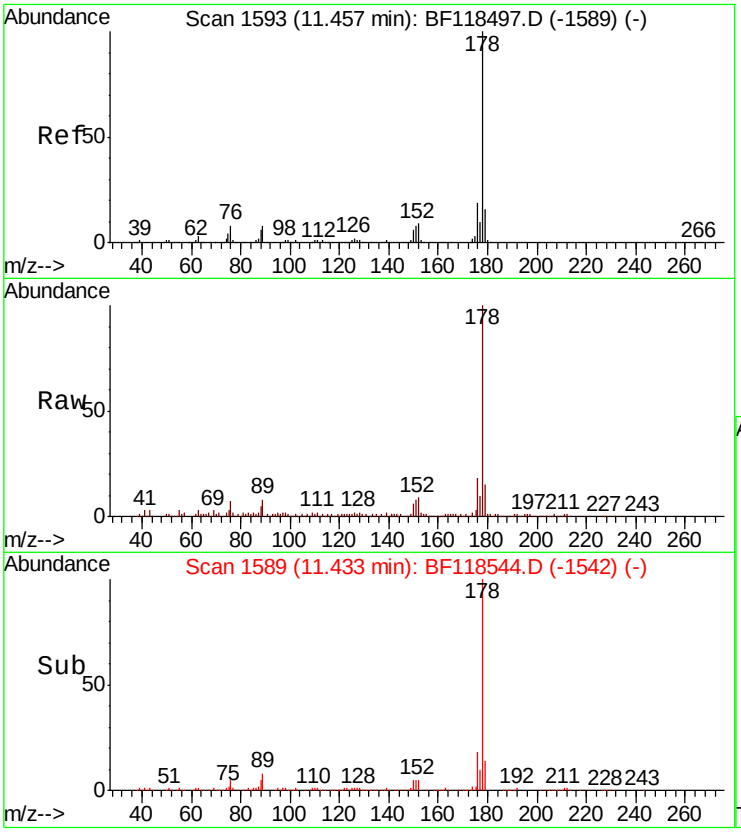




#71
Phenanthrene
Concen: 30.394 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:178 Resp: 651839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.2 | 22.8 |
| 179 | 15.3 | 12.3 | 18.5 |



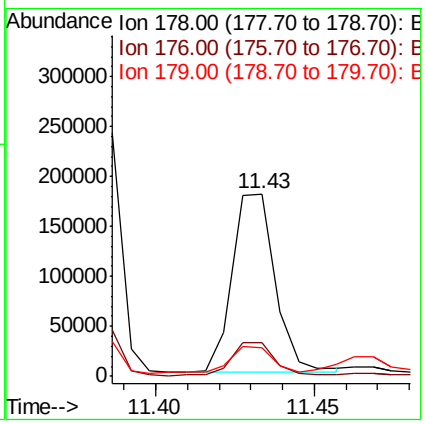


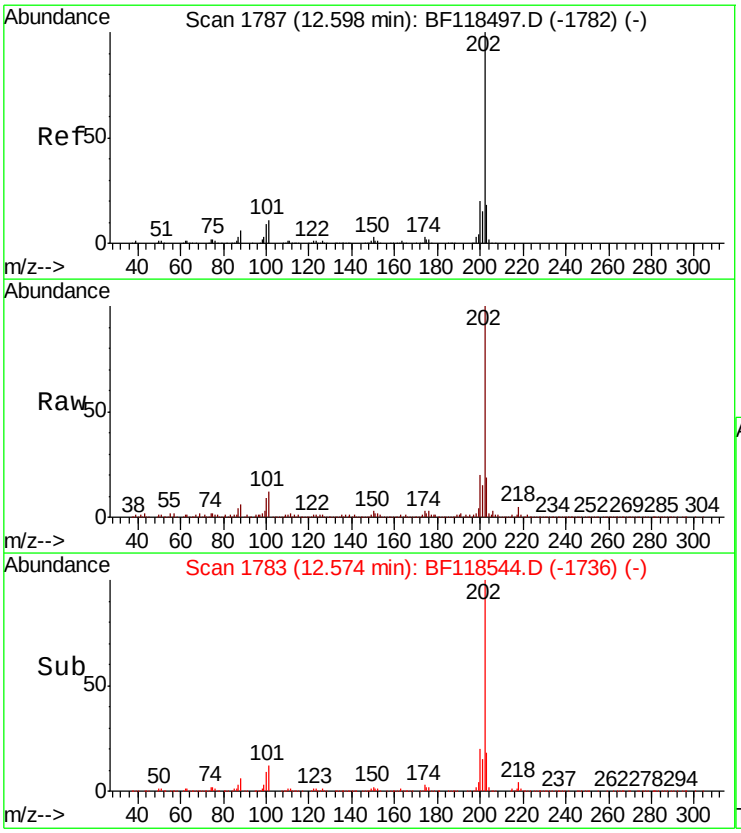

#72
Anthracene
Concen: 7.898 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:178 Resp: 168515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 15.0 | 22.4 |
| 179 | 15.4 | 12.6 | 19.0 |

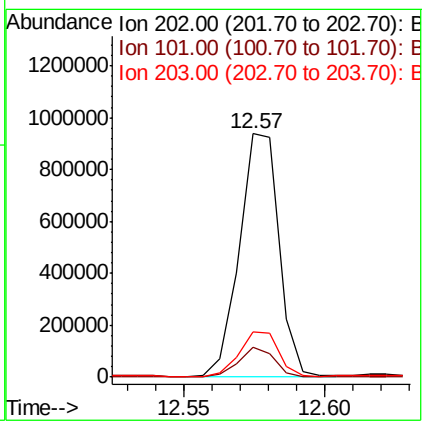


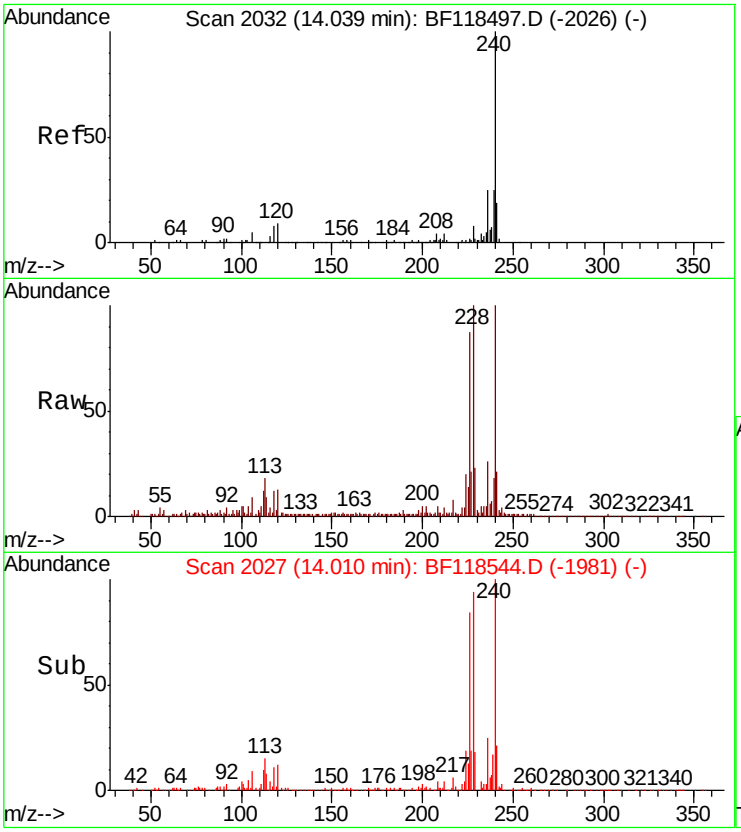




#75
Fluoranthene
Concen: 41.593 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:202 Resp: 906640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 0.0 | 31.4 |
| 203 | 18.5 | 0.0 | 38.1 |



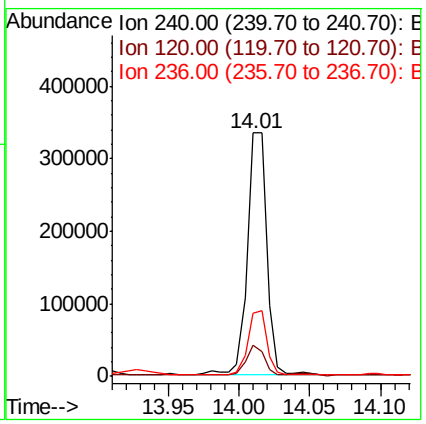


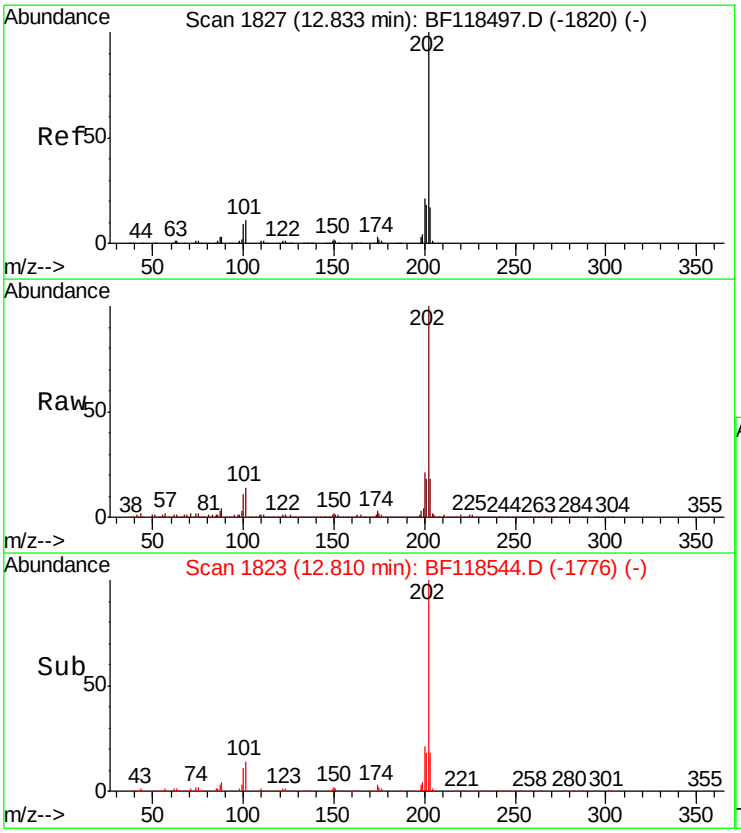

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:240 Resp: 325405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.9 | 7.0 | 10.6# |
| 236 | 26.1 | 20.1 | 30.1 |

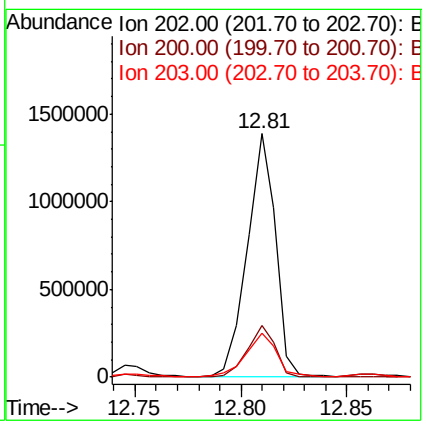


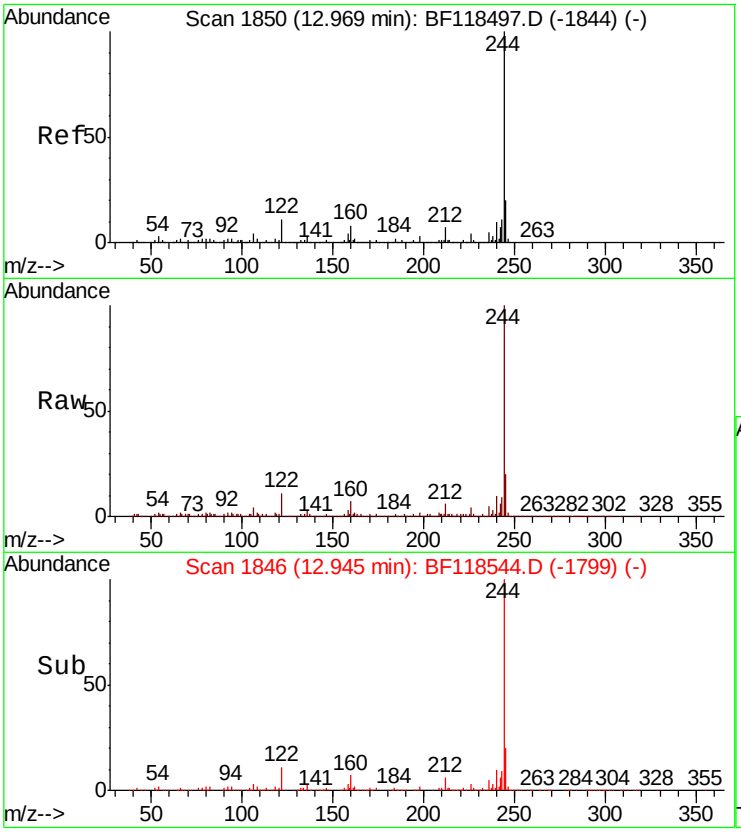




#78
Pyrene
Concen: 47.801 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:202 Resp: 1279770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 18.2 | 13.9 | 20.9 |



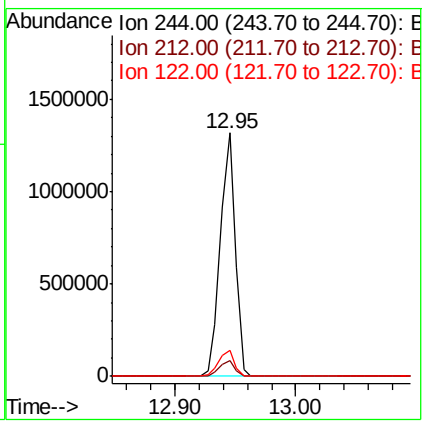


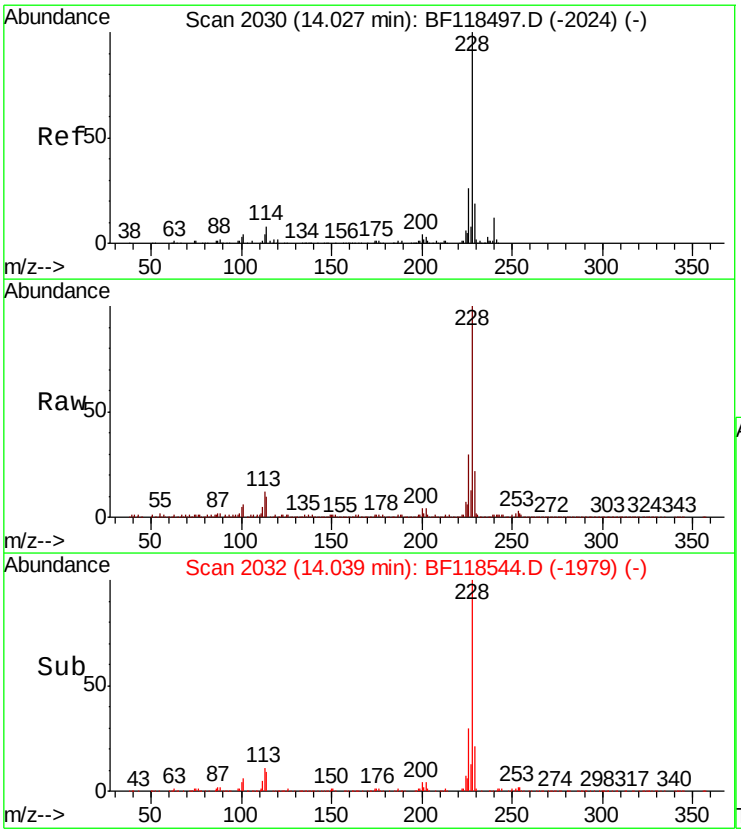

#79
Terphenyl-d14
Concen: 54.943 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:244 Resp: 1128229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.6 | 8.4 |
| 122 | 10.8 | 9.0 | 13.6 |

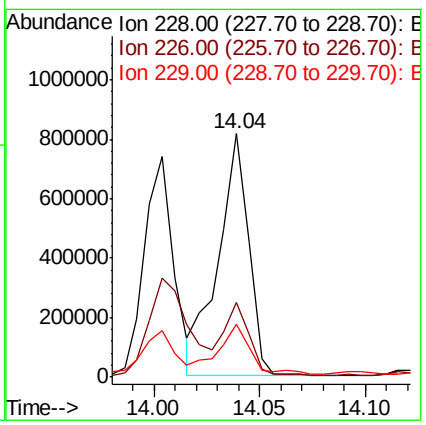


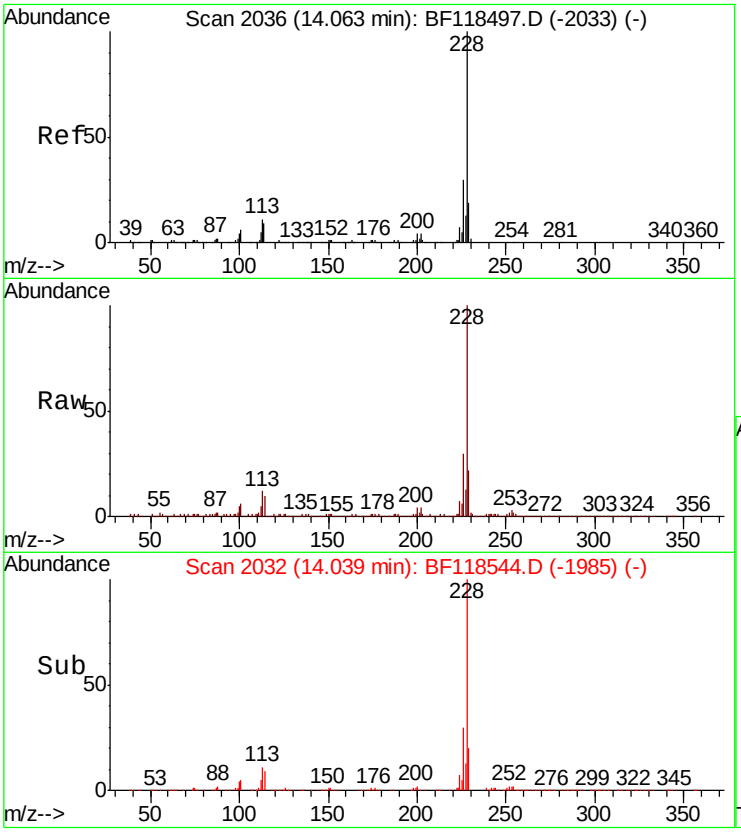




#81
Benzo(a)anthracene
Concen: 35.532 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:228 Resp: 809303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 20.7 | 31.1 |
| 229 | 21.8 | 15.4 | 23.2 |



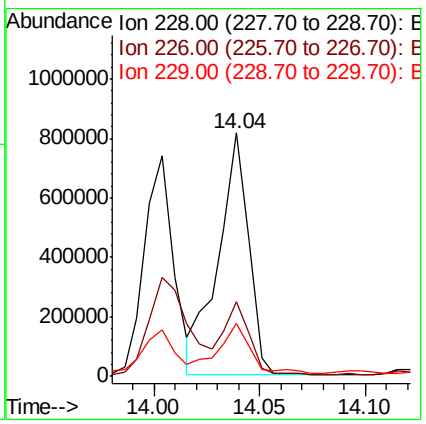


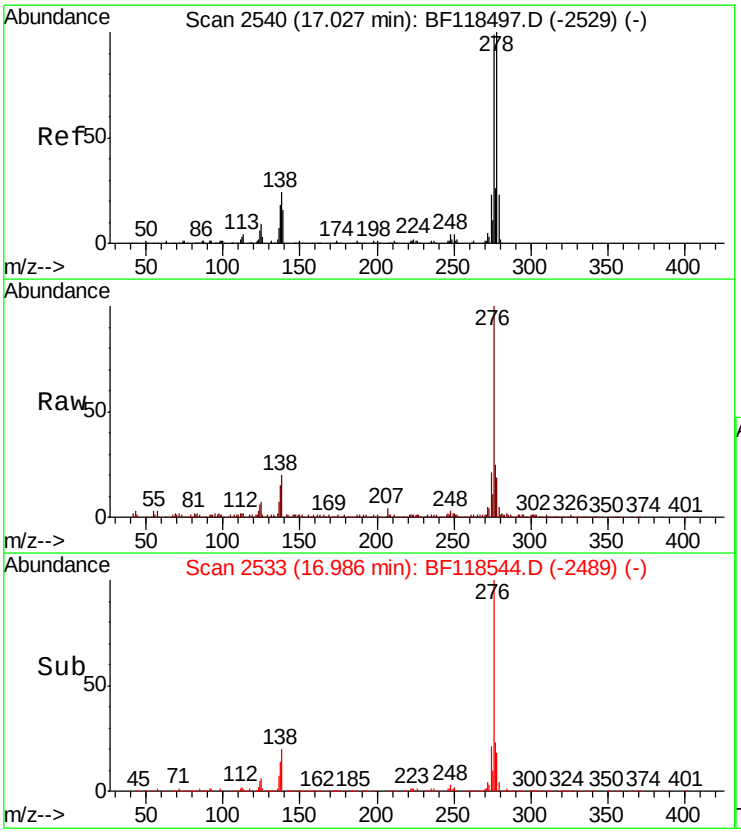

#83
Chrysene
Concen: 36.565 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:228 Resp: 809303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 23.6 | 35.4 |
| 229 | 21.8 | 15.6 | 23.4 |

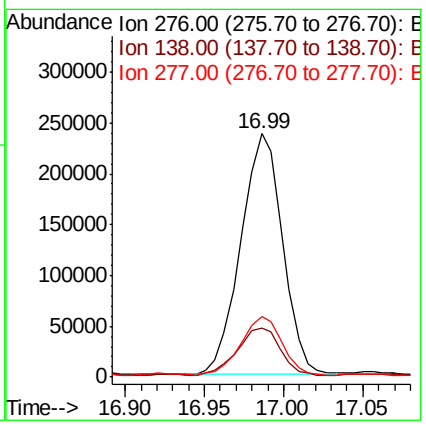


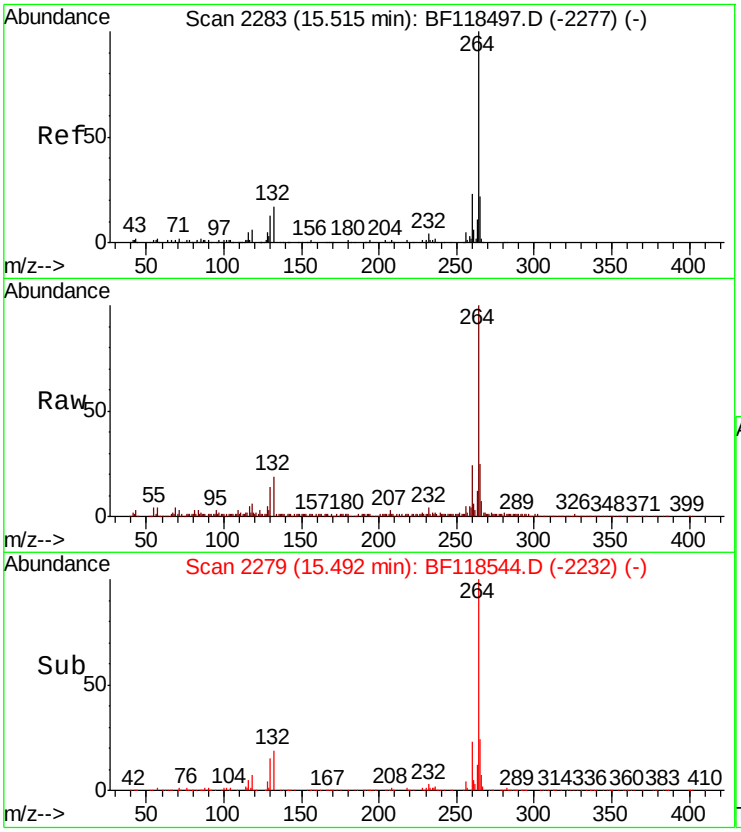




#86
Indeno(1,2,3-cd)pyrene
Concen: 24.441 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:276 Resp: 435513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.4 | 19.0 | 28.4 |
| 277 | 23.7 | 20.5 | 30.7 |



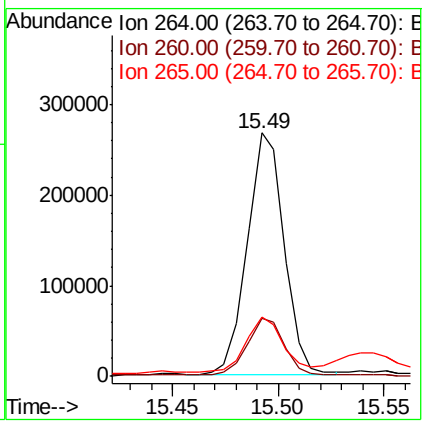


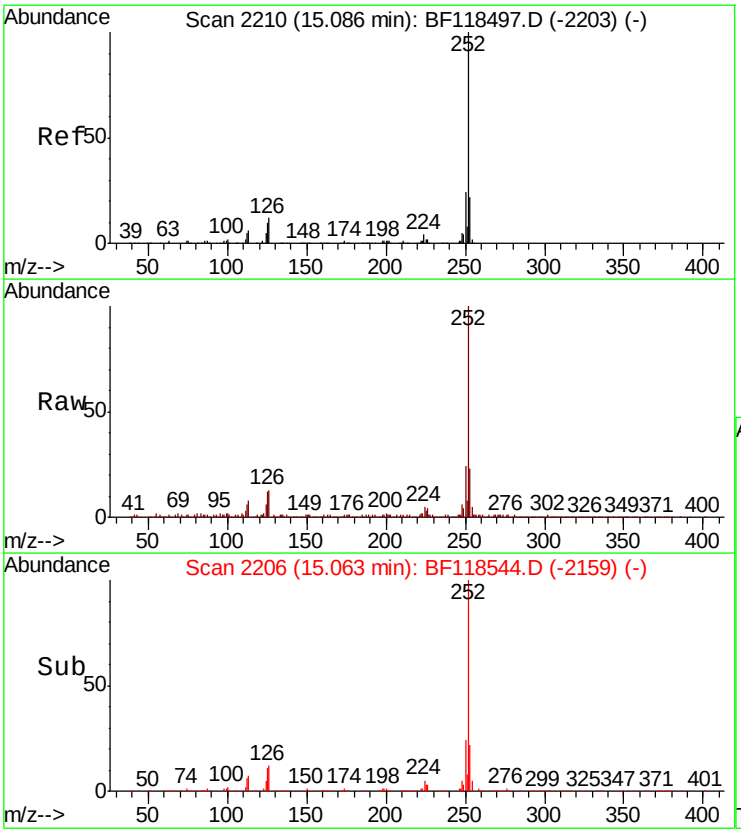

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:264 Resp: 323191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.8 | 28.2 |
| 265 | 24.6 | 17.5 | 26.3 |

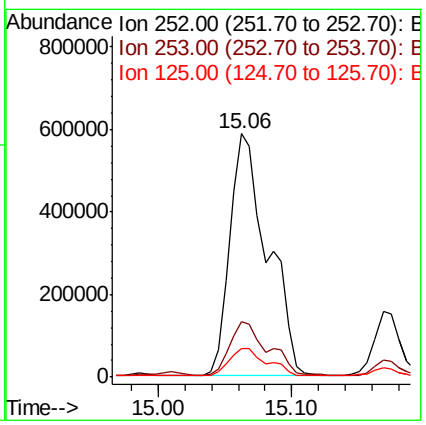


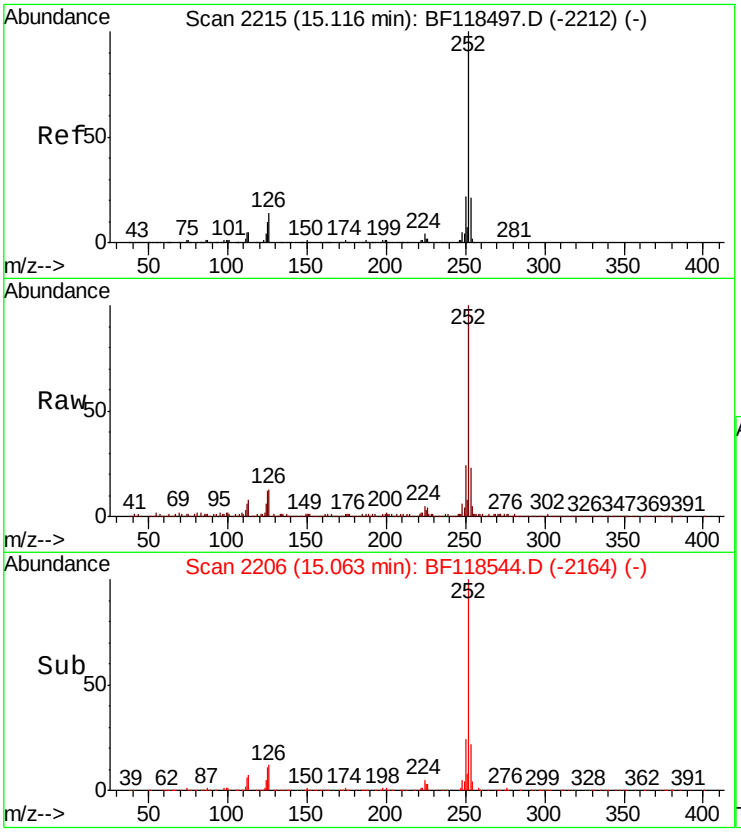




#88
Benzo(b)fluoranthene
Concen: 49.620 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:252 Resp: 1159427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.6 | 26.4 |
| 125 | 11.7 | 7.8 | 11.6# |



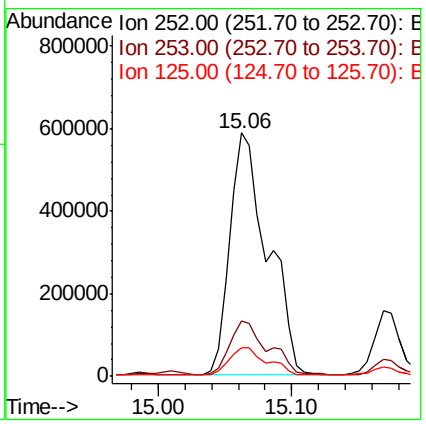


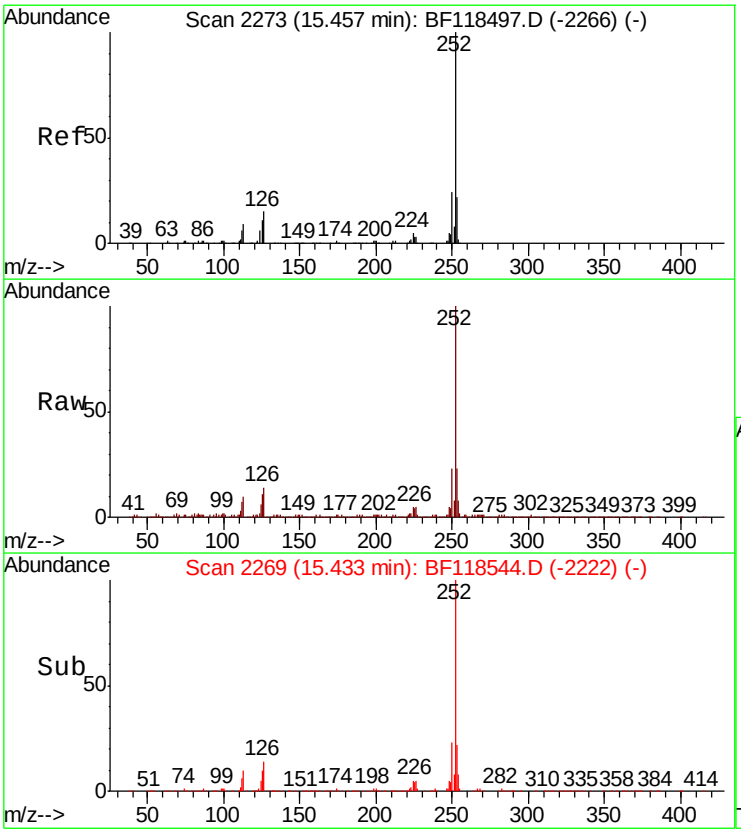

#89
Benzo(k)fluoranthene
Concen: 51.984 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:252 Resp: 1159427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.0 | 25.4 |
| 125 | 11.7 | 7.8 | 11.6# |

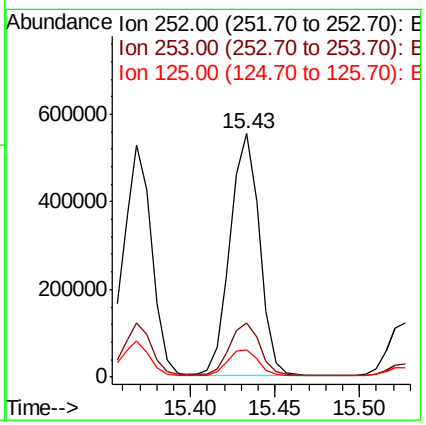


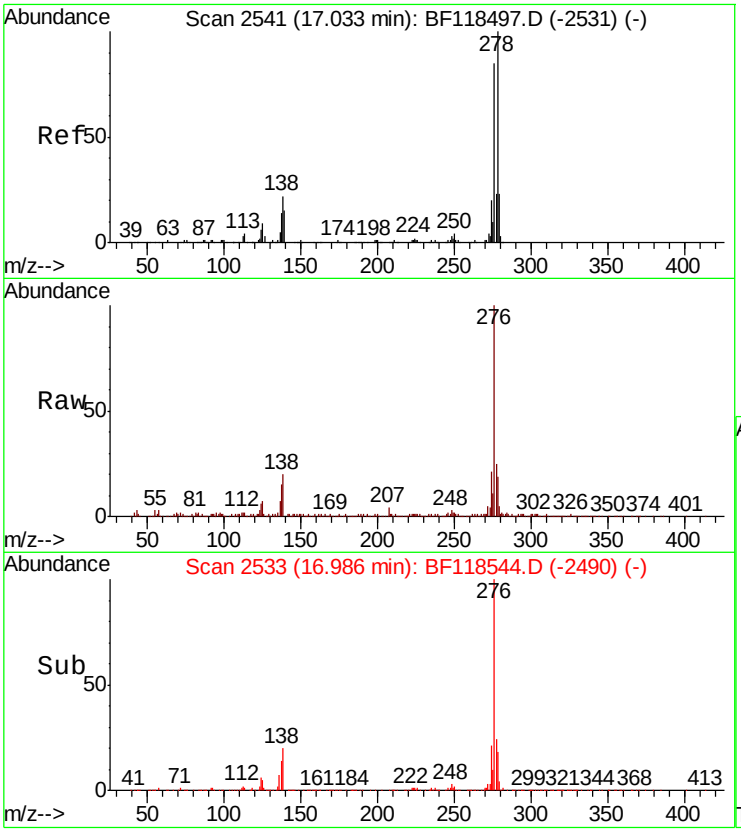




#90
Benzo(a)pyrene
Concen: 35.071 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:252 Resp: 671554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.7 | 26.5 |
| 125 | 11.3 | 9.0 | 13.6 |



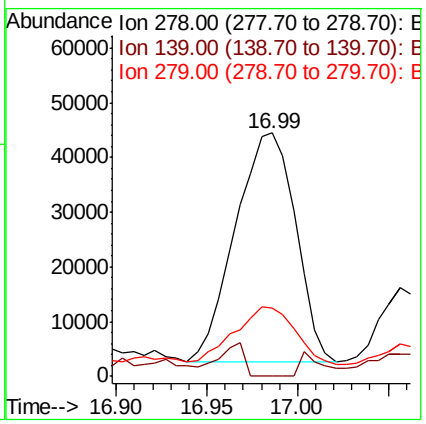


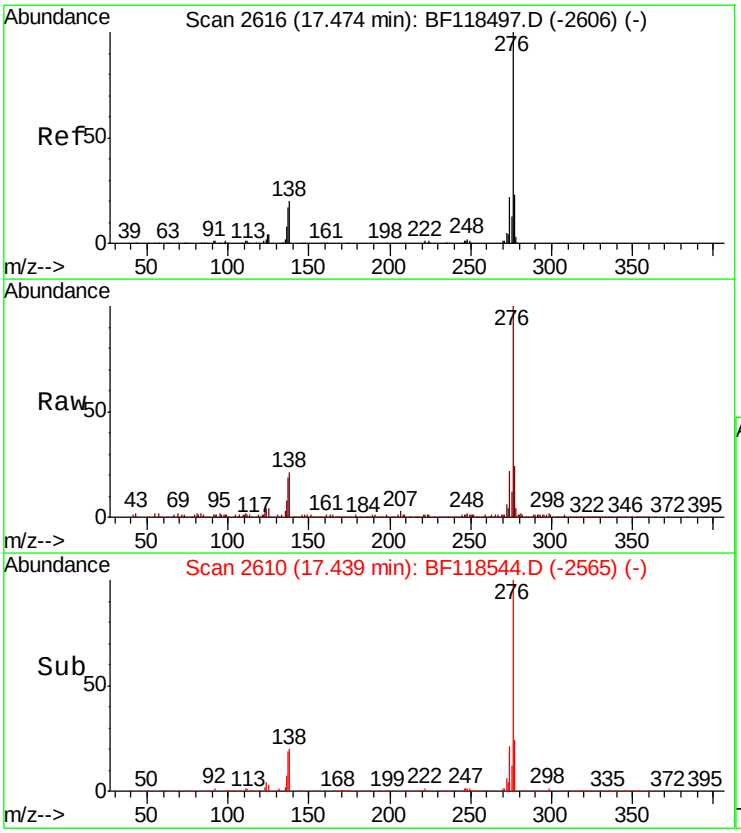

#91
Dibenzo(a,h)anthracene
Concen: 5.399 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.05 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

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

Tgt Ion:278 Resp: 96932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 11.9 | 17.9# |
| 279 | 27.9 | 18.6 | 27.8# |




#92
Benzo(g,h,i)perylene
Concen: 28.405 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.04 min
Lab File: BF118544.D
Acq: 13 Jan 2020 21:34

Tgt Ion:276 Resp: 483247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 18.2 | 27.4 |
| 138 | 21.3 | 16.3 | 24.5 |