Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114745.D
Acq On : 1 Jun 2019 10:00
Operator : HP/JU
Sample : K3097-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0427-HR-7(HACKENSACK)

Quant Time: Jun 03 01:33:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.69 | 152 | 357508 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.97 | 136 | 1342724 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.72 | 164 | 668048 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.19 | 188 | 1349568 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.81 | 240 | 1081042 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.20 | 264 | 949820 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 2119857 | 104.11 | ng | | 0.01 |
| 7) Phenol-d6 | 6.33 | 99 | 2594358 | 105.73 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.25 | 82 | 1551829 | 72.11 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 646781 | 101.61 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.05 | 172 | 2406419 | 63.65 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.77 | 244 | 2723502 | 47.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.33 | 77 | 5225 | Below Cal | | # | 1 |
| 10) Phenol | 6.34 | 94 | 106212 | 3.583 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 209774 | 12.385 | ng | # | 76 |
| 25) Isophorone | 7.25 | 82 | 1489626 | 34.489 | ng | # | 63 |
| 50) Dimethylphthalate | 9.44 | 163 | 377987 | 8.120 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.72 | 165 | 87869 | 6.330 | ng | # | 24 |
| 58) Fluorene | 10.26 | 166 | 11880 | Below Cal | | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.50 | 248 | 40602 | 2.805 | ng | # | 1 |
| 74) Di-n-butylphthalate | 11.76 | 149 | 6594 | Below Cal | | # | 94 |
| 75) Fluoranthene | 12.39 | 202 | 166903 | 2.341 | ng | | 96 |

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

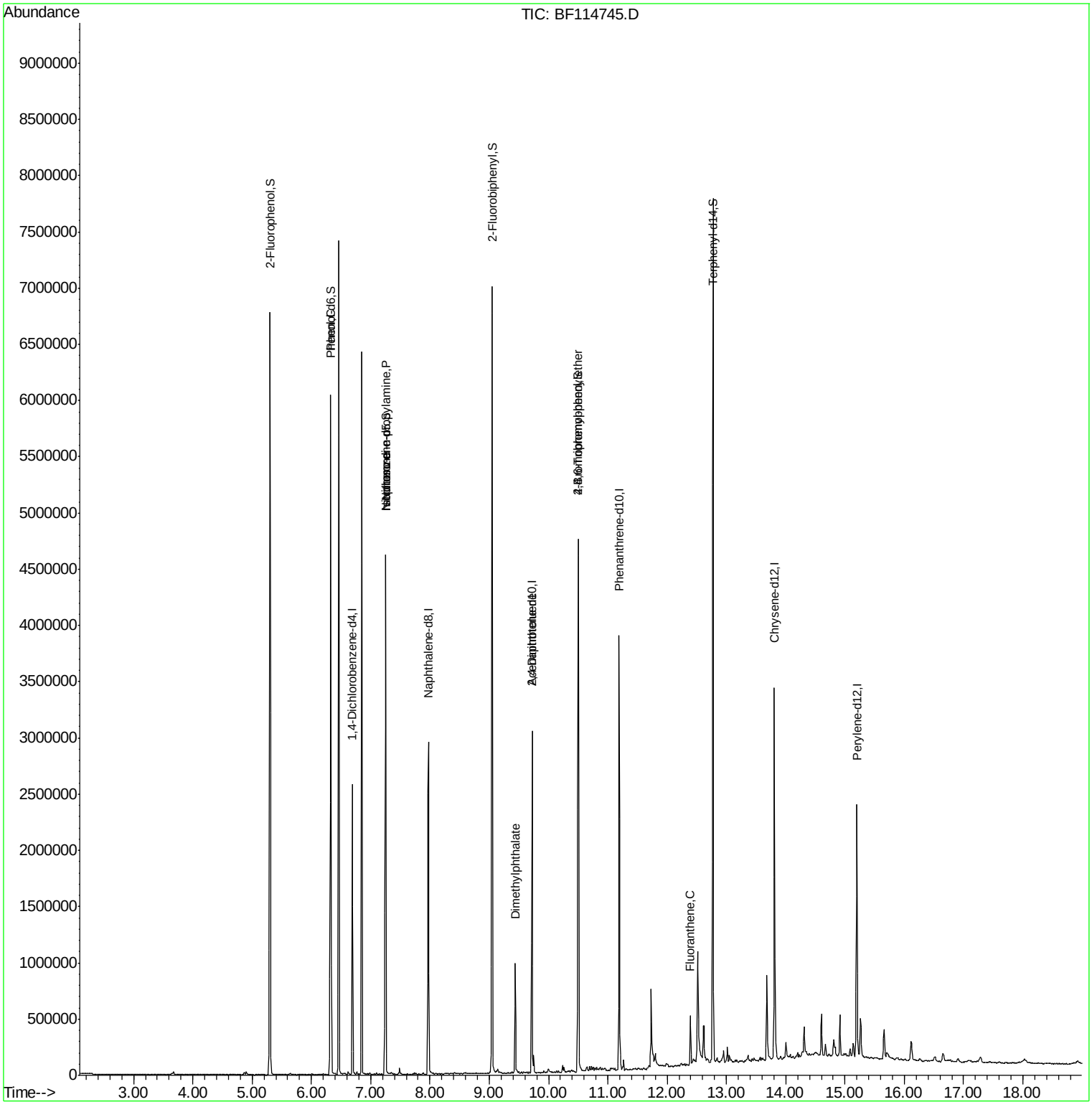
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

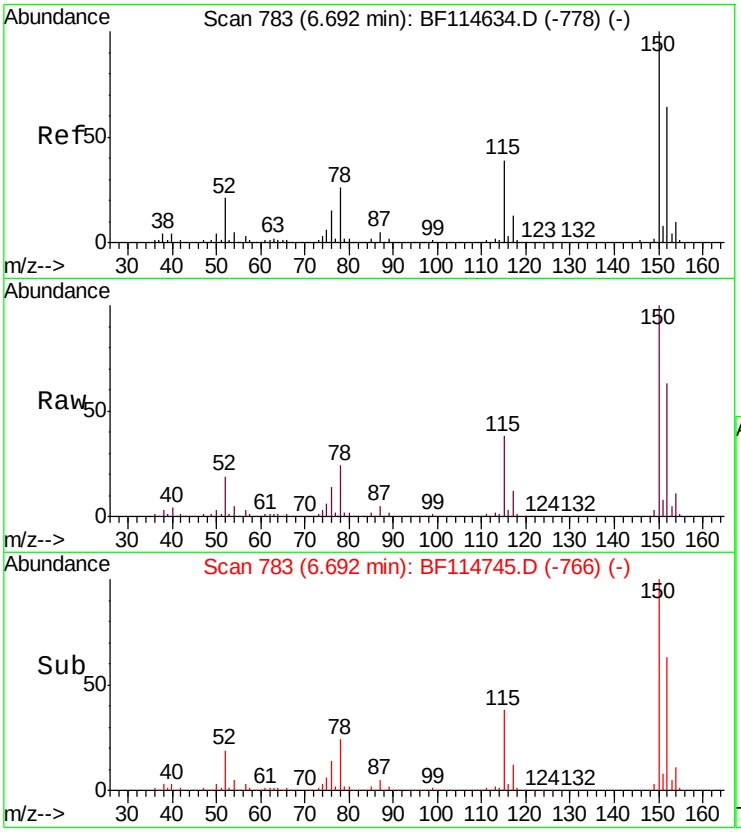
Quantitation Report (Not Reviewed)

Data File : BF114745.D
Acq On : 1 Jun 2019 10:00
Operator : HP/JU
Sample : K3097-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Quant Time: Jun 03 01:33:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



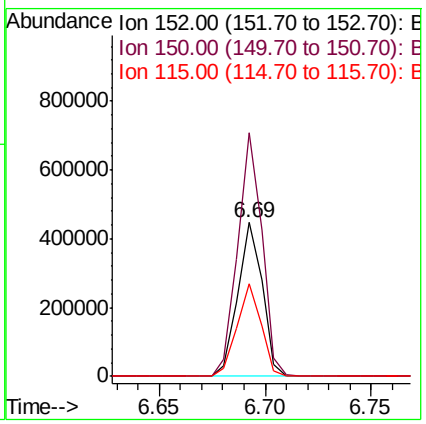


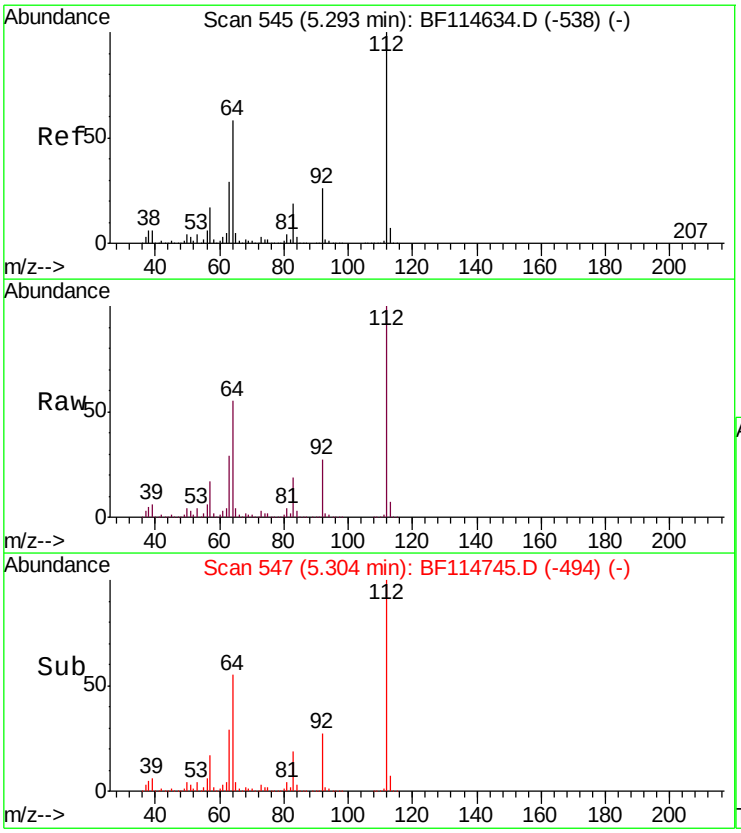

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:152 Resp: 357508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 124.4 | 186.6 |
| 115 | 59.9 | 48.7 | 73.1 |

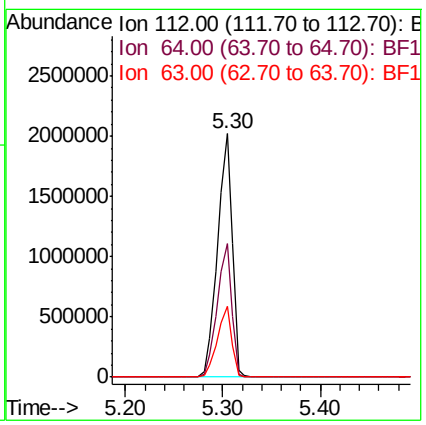


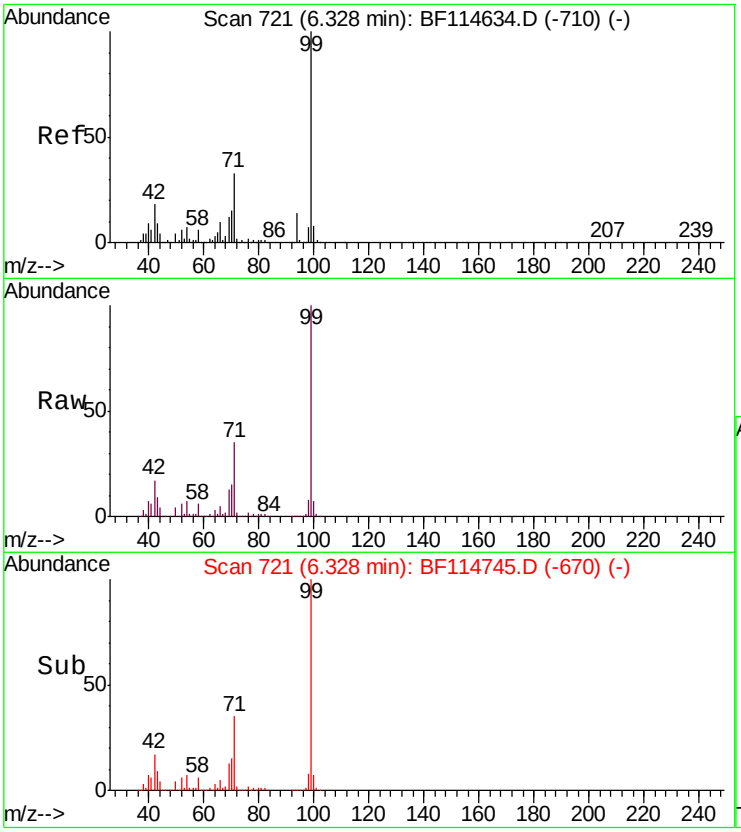




#5
2-Fluorophenol
Concen: 104.105 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:112 Resp: 2119857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.0 | 46.1 | 69.1 |
| 63 | 29.0 | 23.4 | 35.2 |



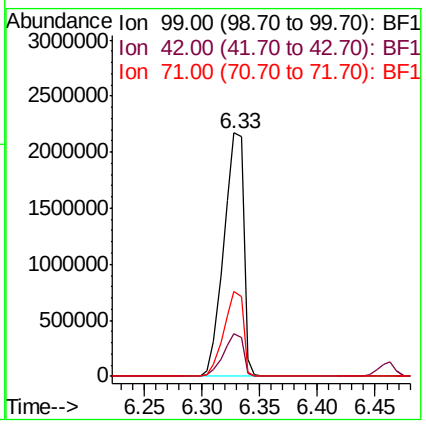


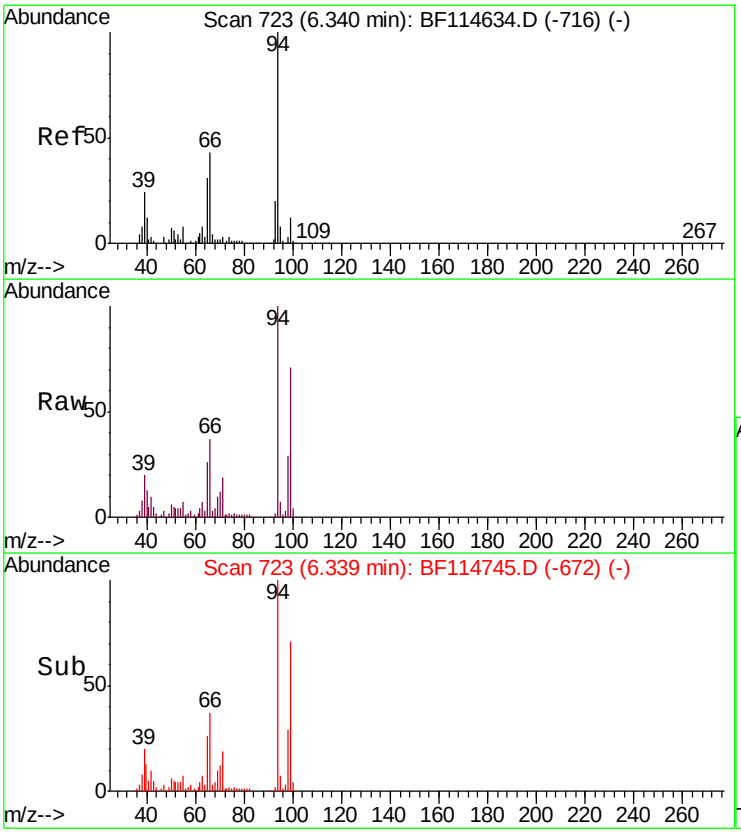

#7
Phenol-d6
Concen: 105.730 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion: 99 Resp: 2594358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.5 | 14.7 | 22.1 |
| 71 | 34.6 | 26.6 | 40.0 |

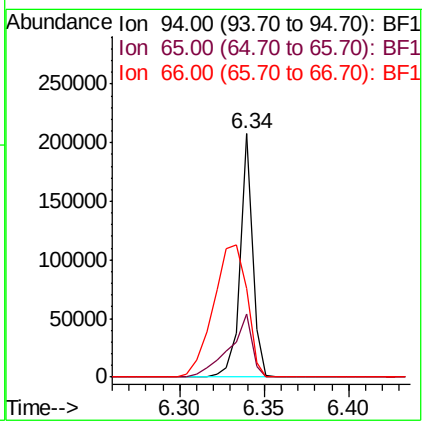


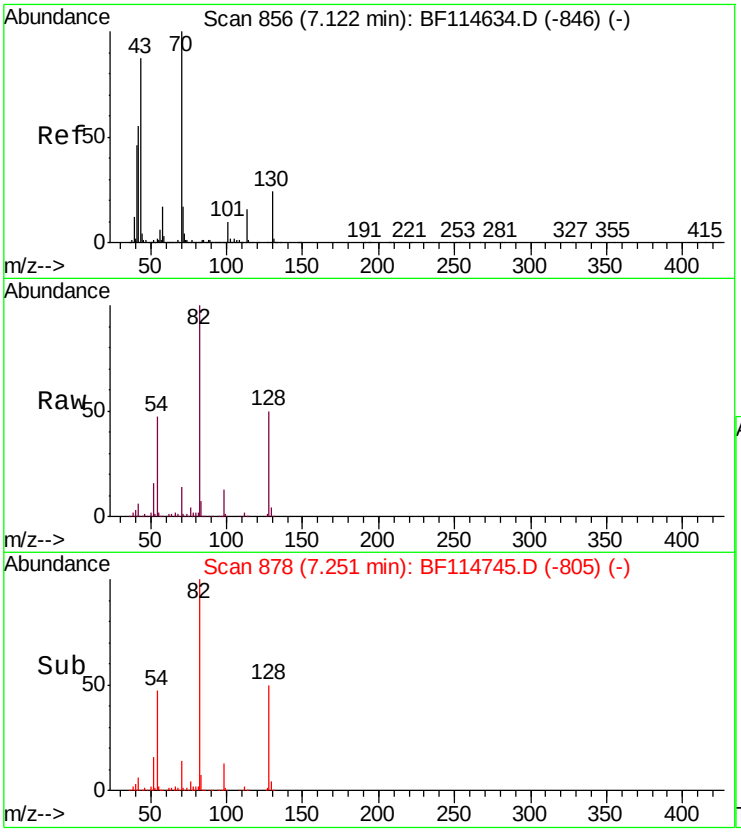




#10
Phenol
Concen: 3.583 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion: 94 Resp: 106212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.1 | 11.0 | 51.0 |
| 66 | 36.6 | 23.0 | 63.0 |



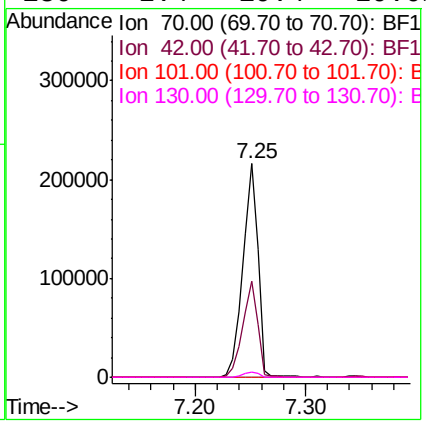


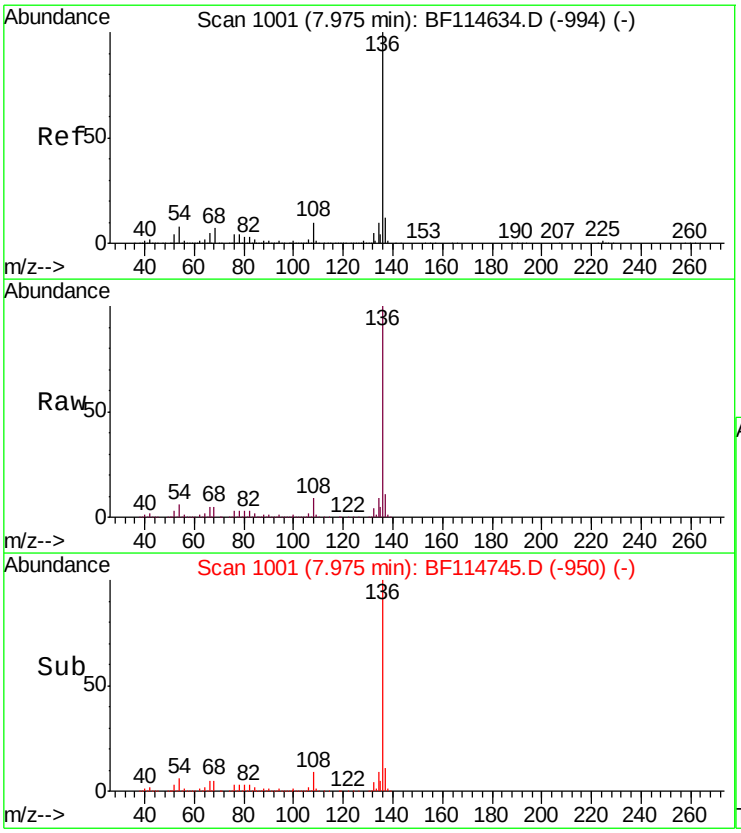

#19
n-Nitroso-di-n-propylamine
Concen: 12.385 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion: 70 Resp: 209774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.8 | 44.4 | 66.6 |
| 101 | 0.0 | 8.2 | 12.4# |
| 130 | 2.4 | 19.4 | 29.0# |

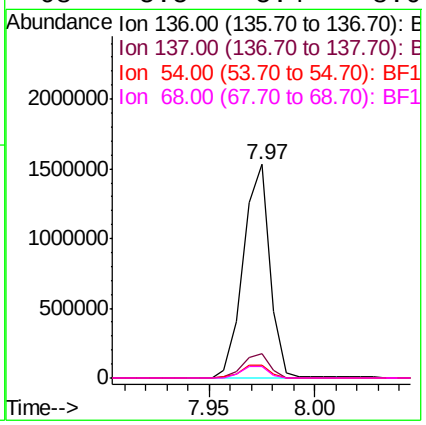


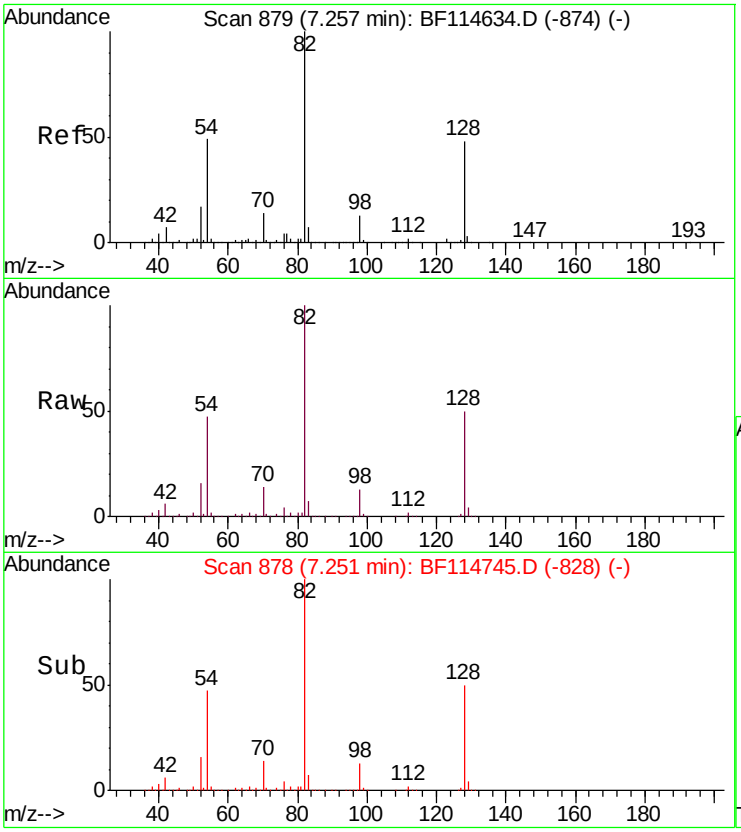




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:136 Resp: 1342724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.3 | 13.9 |
| 54 | 6.2 | 6.3 | 9.5# |
| 68 | 5.5 | 5.4 | 8.0 |



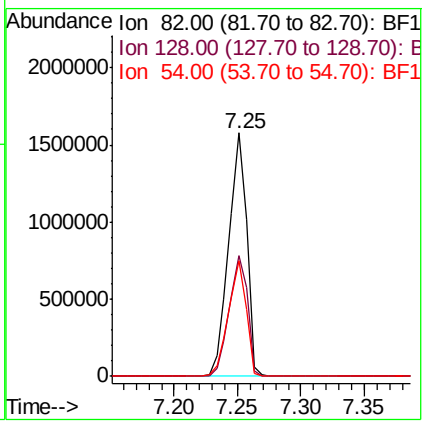


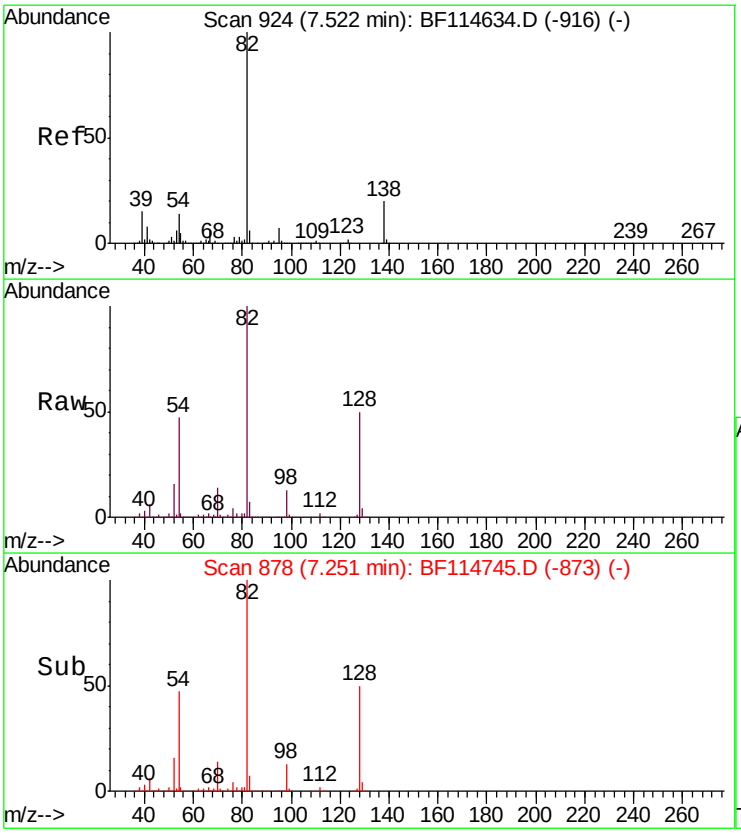

#23
Nitrobenzene-d5
Concen: 72.105 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion: 82 Resp: 1551829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.7 | 38.5 | 57.7 |
| 54 | 47.5 | 39.1 | 58.7 |

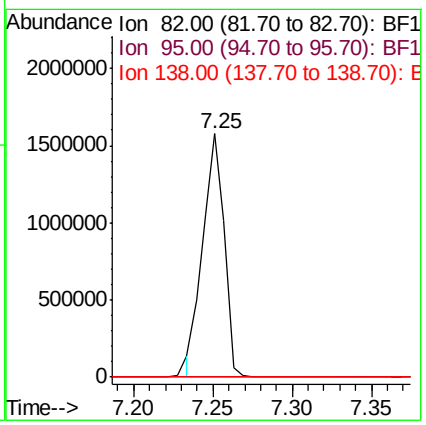


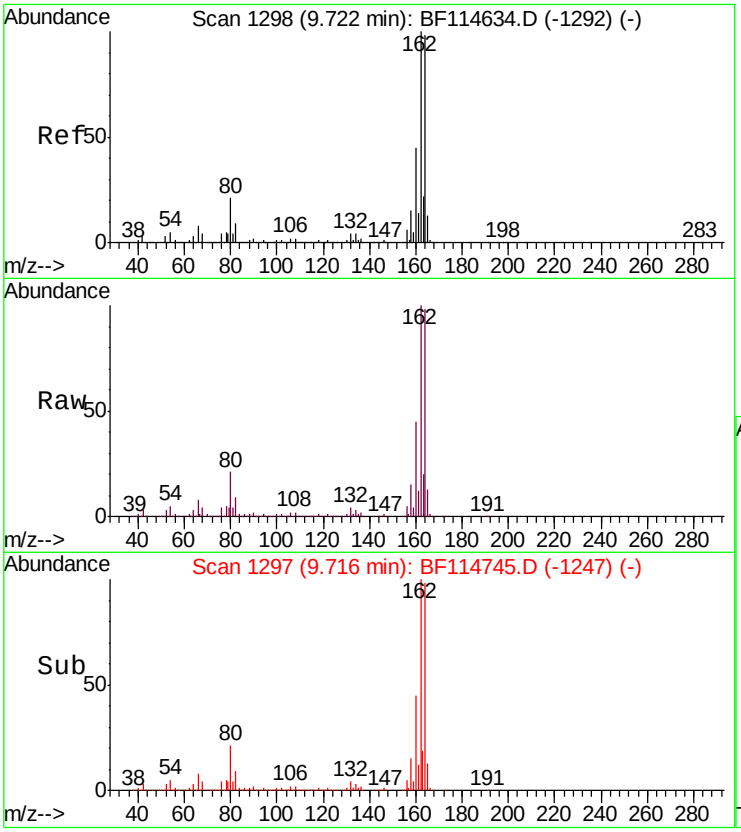




#25
Isophorone
Concen: 34.489 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion: 82 Resp: 1489626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 15.9 | 23.9# |



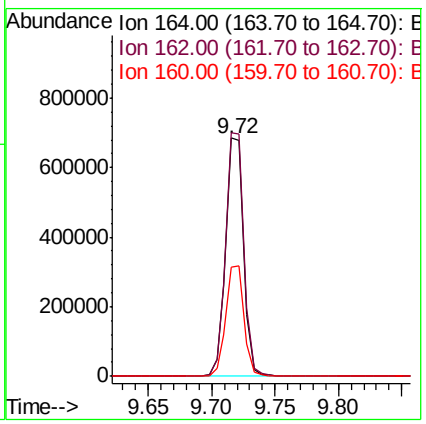


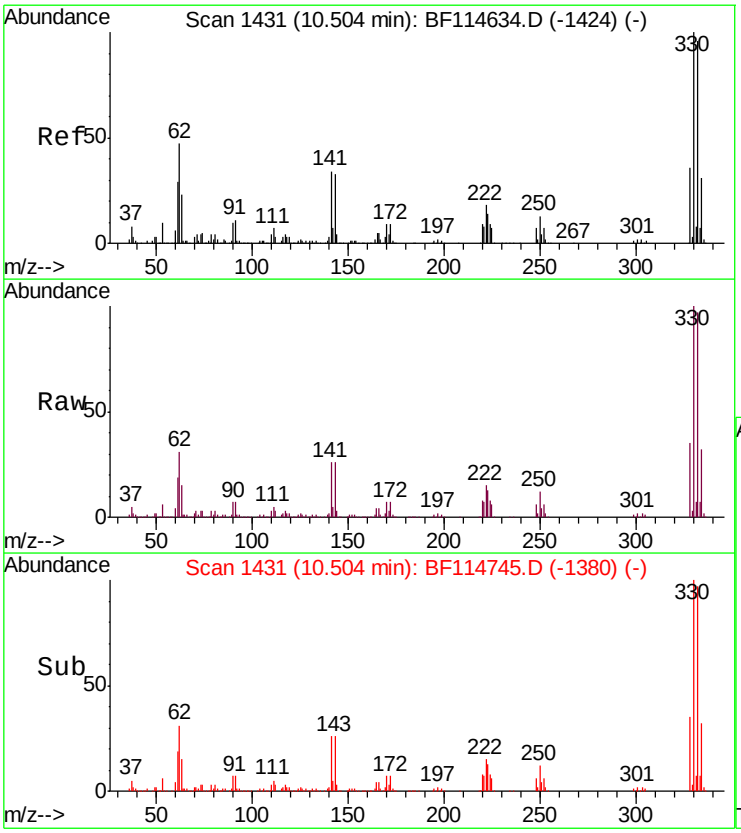

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:164 Resp: 668048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 81.4 | 122.2 |
| 160 | 45.7 | 36.6 | 54.8 |

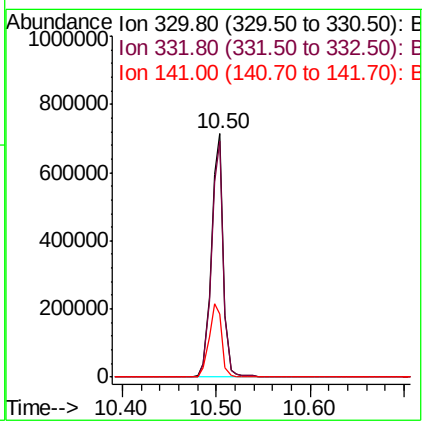


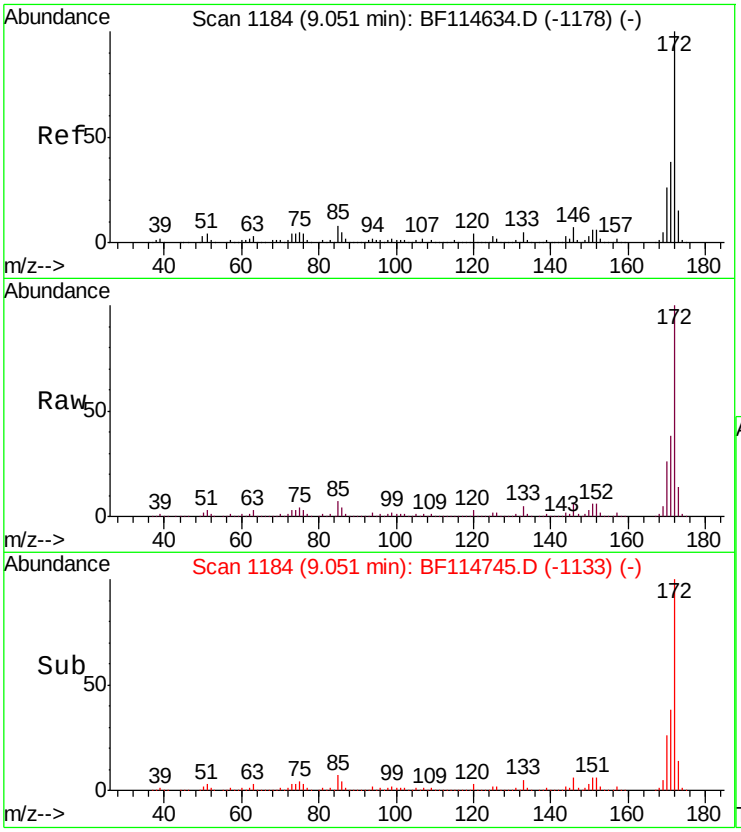




#42
2,4,6-Tribromophenol
Concen: 101.608 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:330 Resp: 646781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 75.8 | 113.8 |
| 141 | 32.8 | 27.8 | 41.8 |



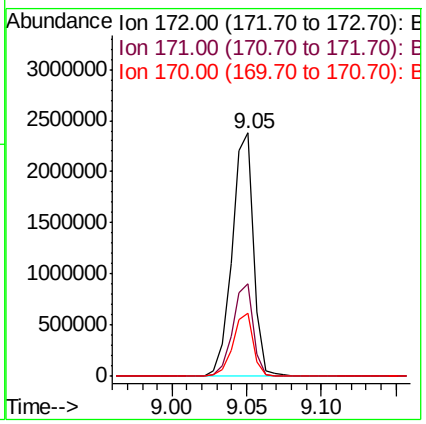


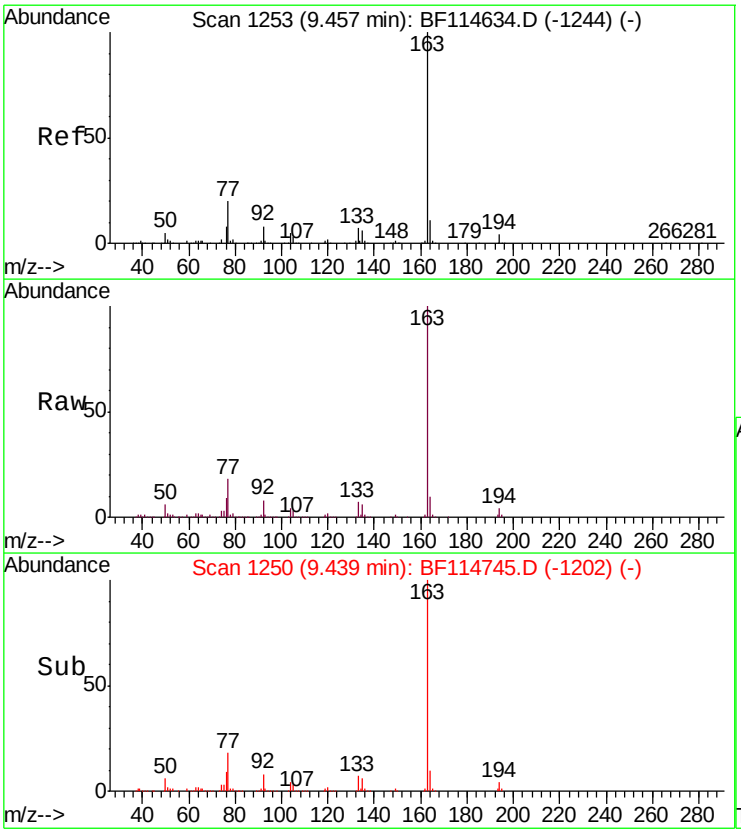

#45
2-Fluorobiphenyl
Concen: 63.646 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:172 Resp: 2406419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 30.6 | 45.8 |
| 170 | 25.9 | 20.7 | 31.1 |

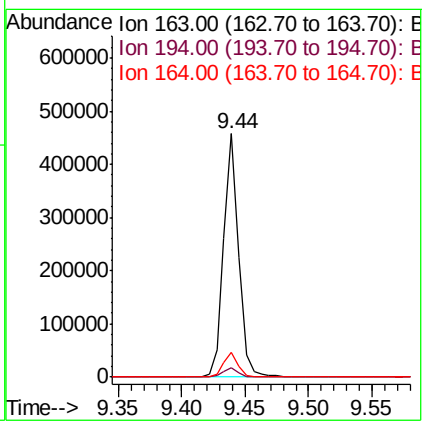


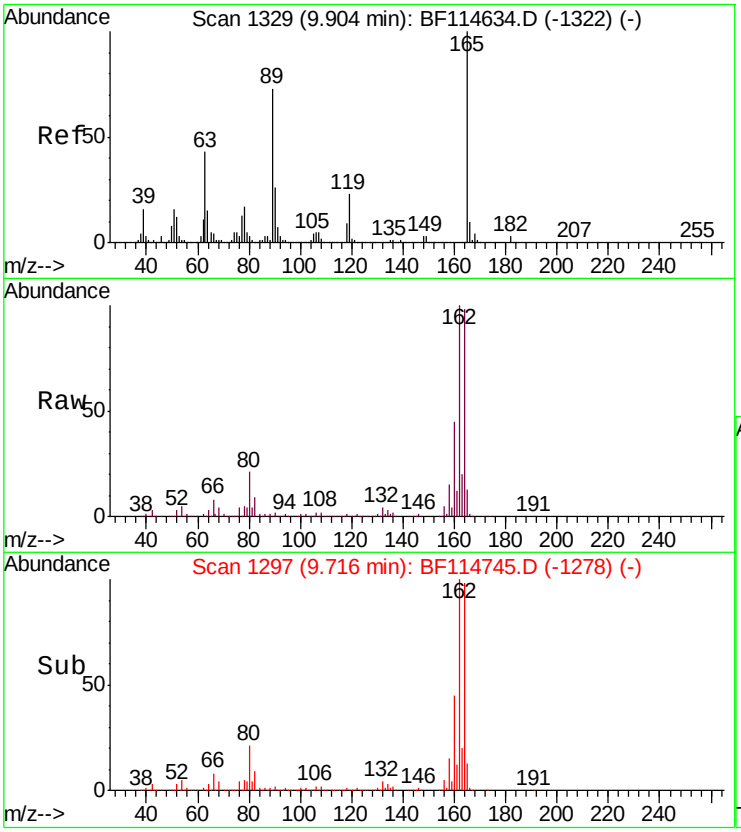




#50
Dimethylphthalate
Concen: 8.120 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:163 Resp: 377987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.4 | 5.0 |
| 164 | 10.3 | 8.6 | 13.0 |



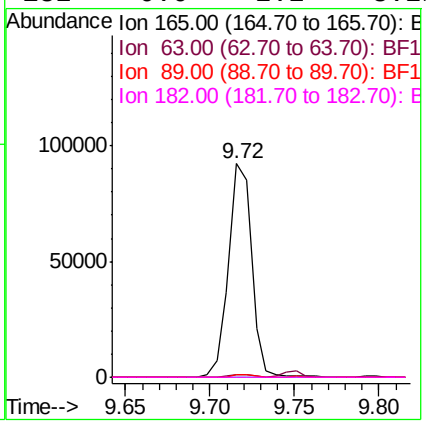


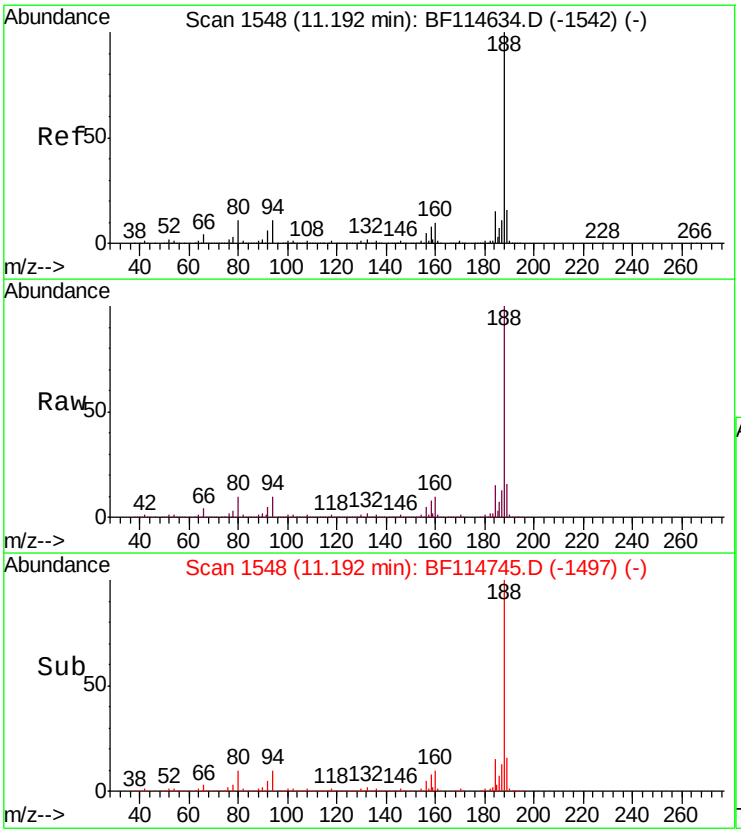

#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:165 Resp: 87869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 34.8 | 52.2# |
| 89 | 1.4 | 58.5 | 87.7# |
| 182 | 0.0 | 2.2 | 3.2# |

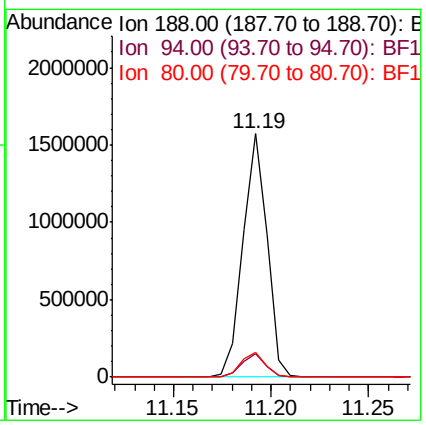


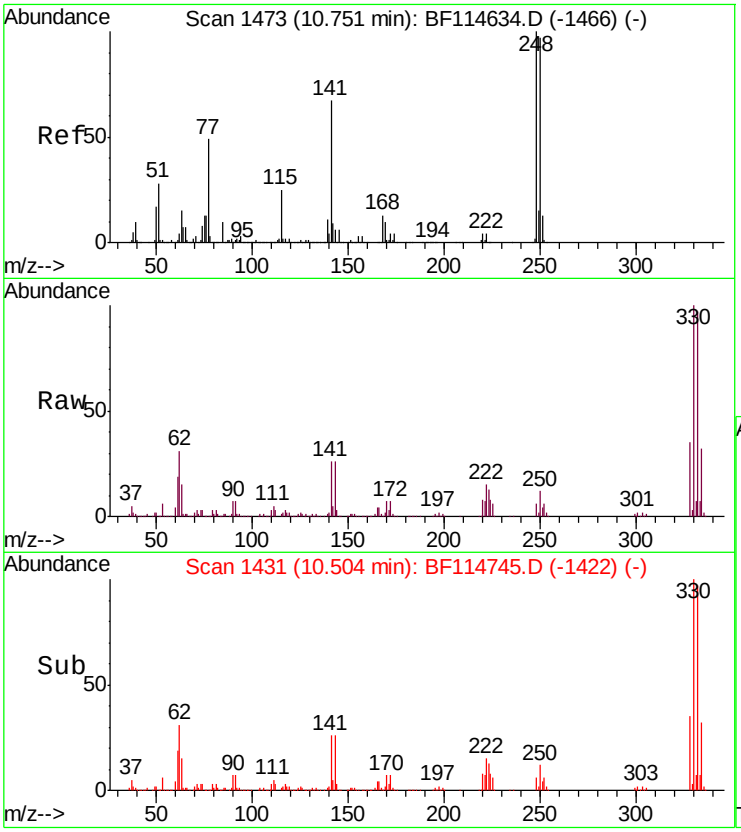




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:188 Resp: 1349568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 8.6 | 13.0 |
| 80 | 10.1 | 9.0 | 13.6 |



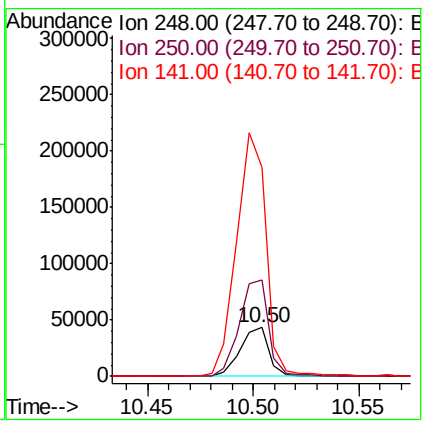


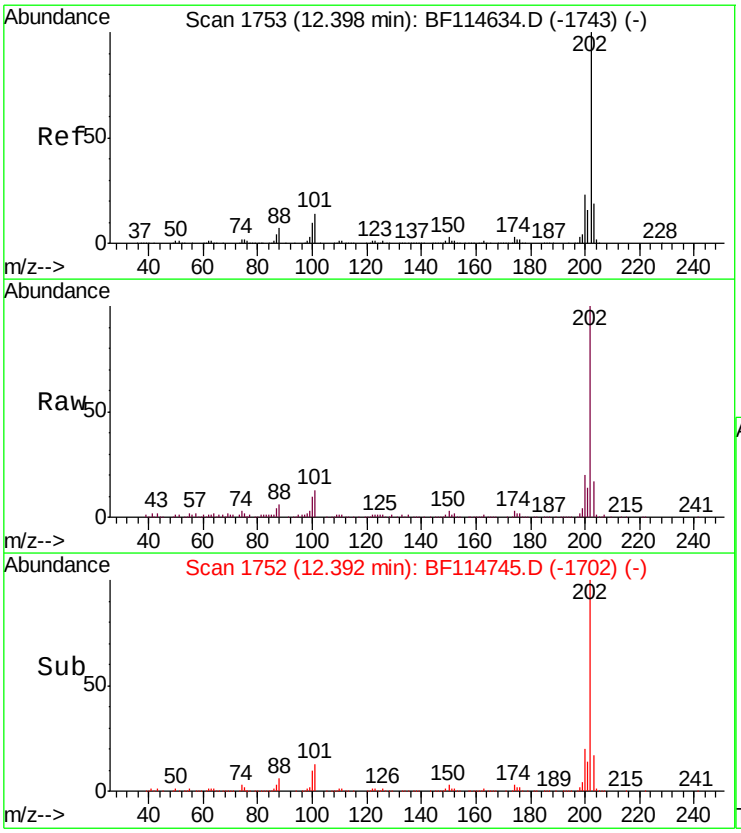

#67
4-Bromophenyl-phenylether
Concen: 2.805 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:248 Resp: 40602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 198.0 | 78.0 | 117.0# |
| 141 | 428.8 | 53.8 | 80.8# |

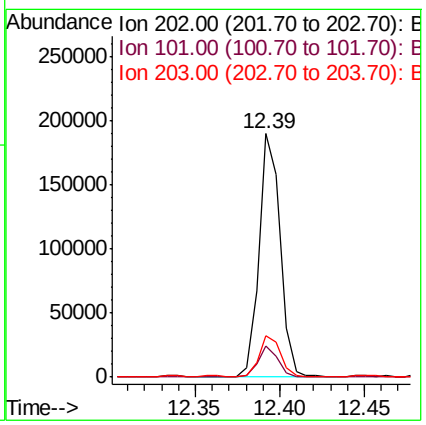


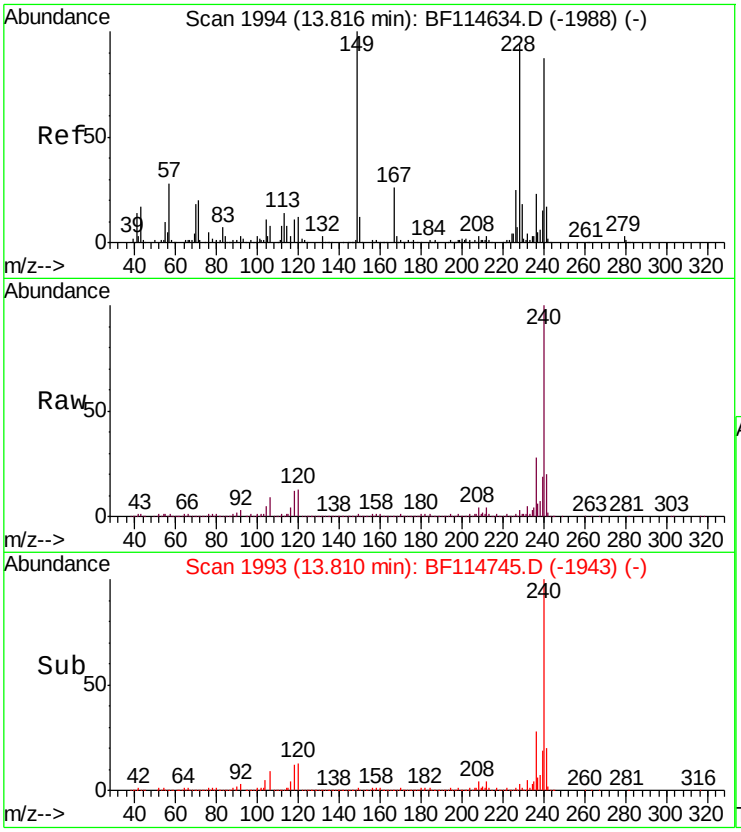




#75
Fluoranthene
Concen: 2.341 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:202 Resp: 166903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 0.0 | 33.9 |
| 203 | 17.0 | 0.0 | 39.1 |



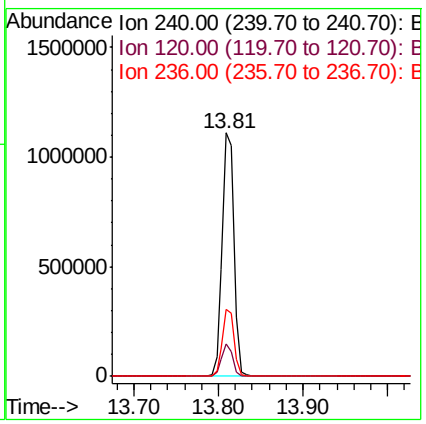


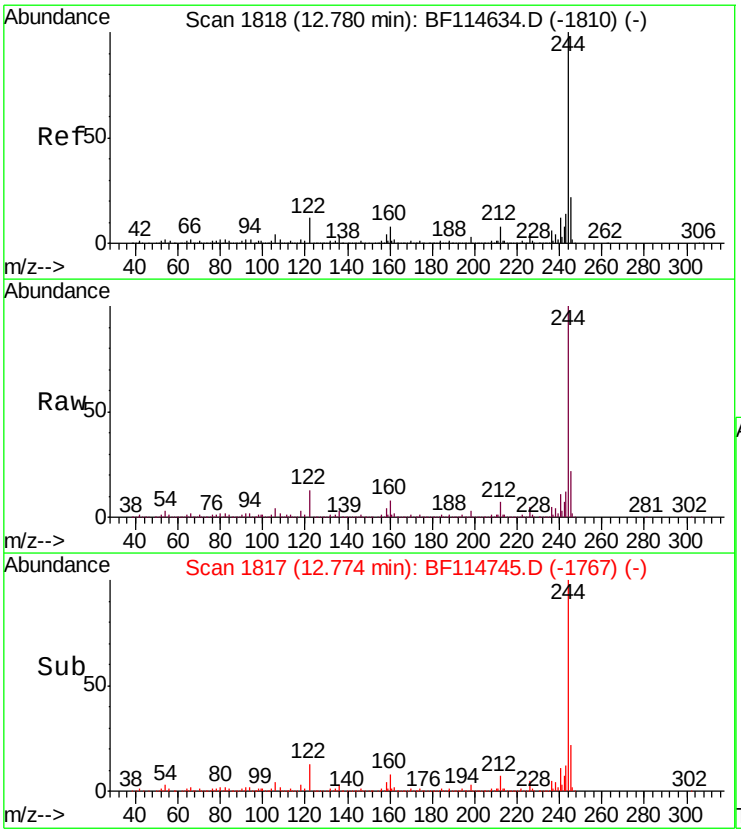

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:240 Resp: 1081042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.2 | 11.2 | 16.8 |
| 236 | 27.6 | 21.2 | 31.8 |

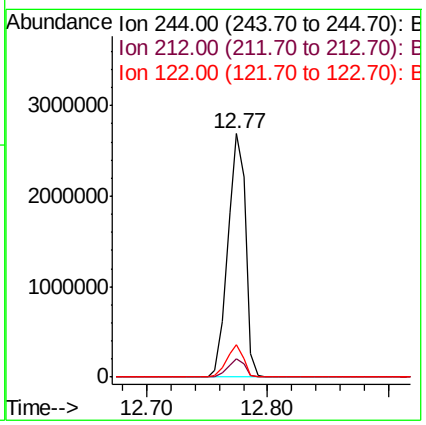


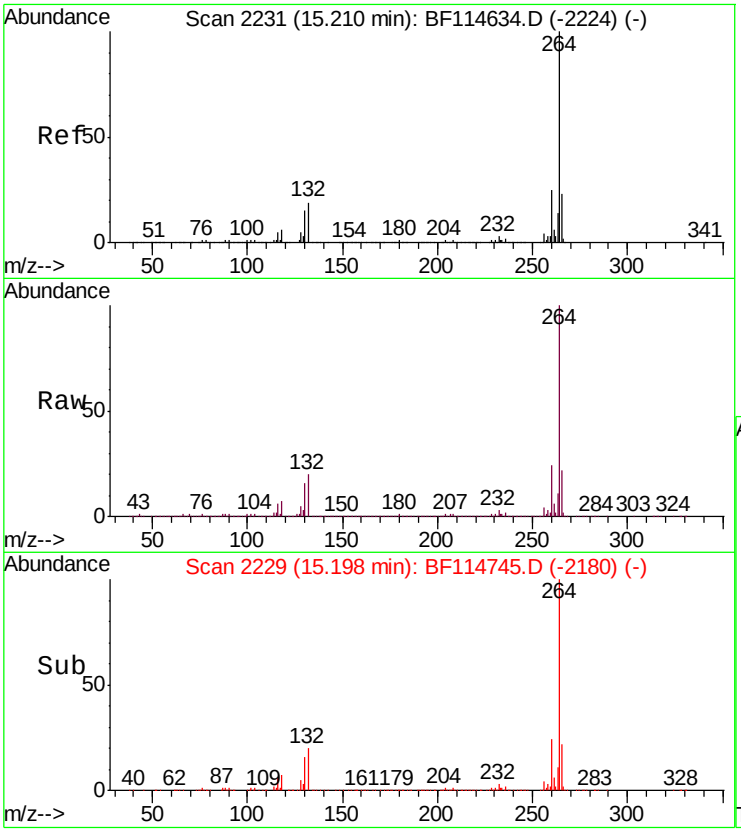




#79
Terphenyl-d14
Concen: 47.367 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

Tgt Ion:244 Resp: 2723502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.1 | 9.1 |
| 122 | 13.2 | 9.8 | 14.8 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114745.D
Acq: 1 Jun 2019 10:00

**Instrument :**
BNA_F
**ClientSampleId :**
0427-HR-7(HACKENSACK)

Tgt Ion:264 Resp: 949820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.7 | 29.5 |
| 265 | 22.0 | 18.1 | 27.1 |