Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121617.D
Acq On : 18 Sep 2020 17:18
Operator : JU/CG
Sample : L4075-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KTS-WC-S-IB-ST

Quant Time: Sep 18 18:59:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 147094 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.10 | 136 | 582771 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 303295 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.34 | 188 | 560284 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 13.97 | 240 | 421526 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.43 | 264 | 371791 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 1045925 | 105.67 | ng | 0.02 |
| 7) Phenol-d6 | 6.46 | 99 | 1230886 | 94.79 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 1001325 | 92.25 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 483116 | 128.16 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 1764844 | 88.13 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.93 | 244 | 1850082 | 88.92 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70 | 136769 | 18.275 | ng | # 79 |
| 25) Isophorone | 7.39 | 82 | 991021 | 45.357 | ng | # 66 |
| 26) 2-Nitrophenol | 7.49 | 139 | 568 | 2.657 | ng | # 36 |
| 32) Benzoic acid | 7.85 | 122 | 134 | 6.951 | ng | 89 |
| 51) 2,6-Dinitrotoluene | 9.86 | 165 | 38705 | 8.268 | ng | # 28 |
| 57) 2,4-Dinitrotoluene | 9.86 | 165 | 38705 | 6.572 | ng | # 23 |
| 65) 4,6-Dinitro-2-methylphenol | 10.64 | 198 | 868 | 7.069 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.64 | 248 | 28503 | 4.468 | ng | # 1 |

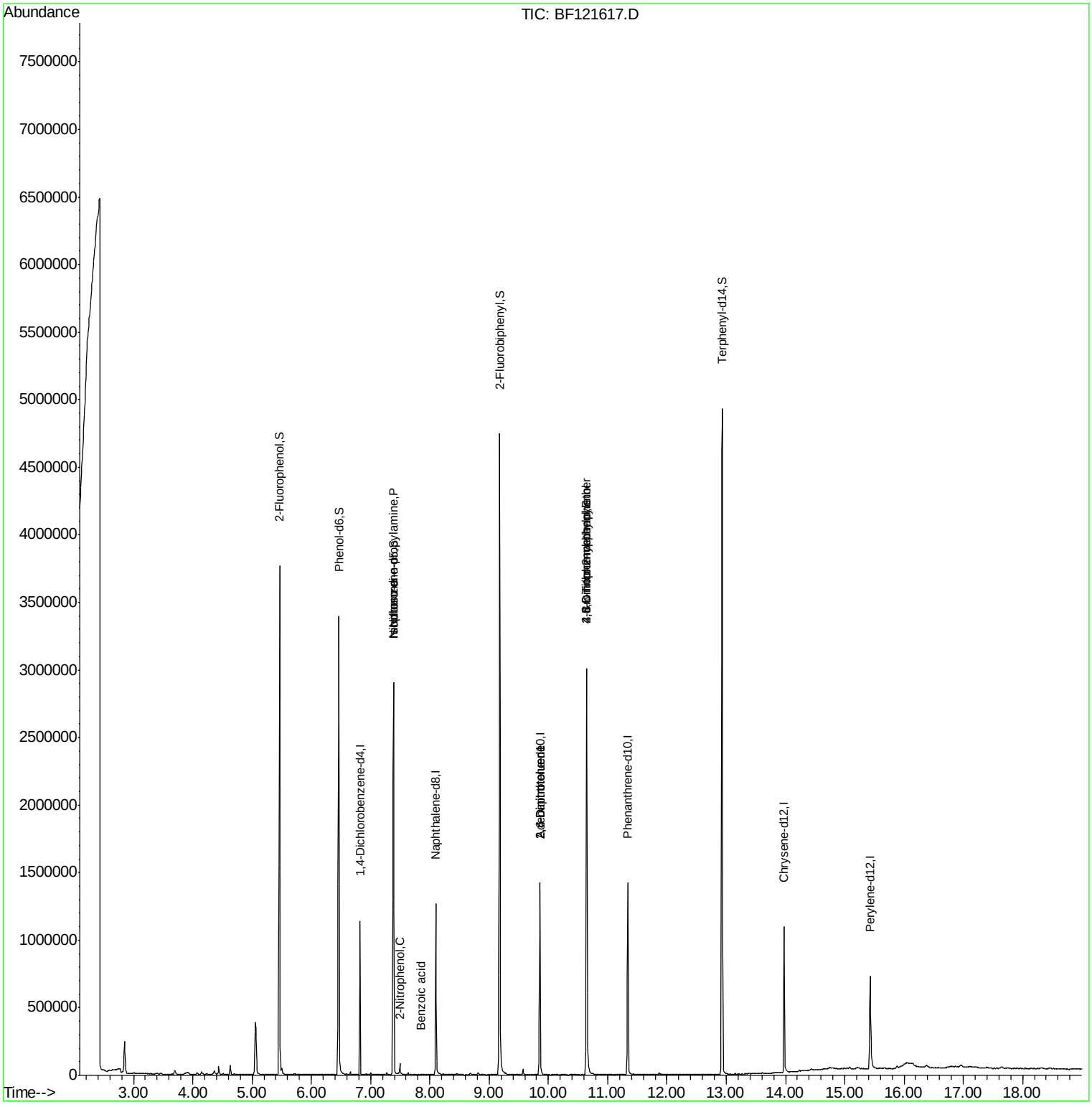
(#) = qualifier out of range (m) = manual integration (+) = signals summed

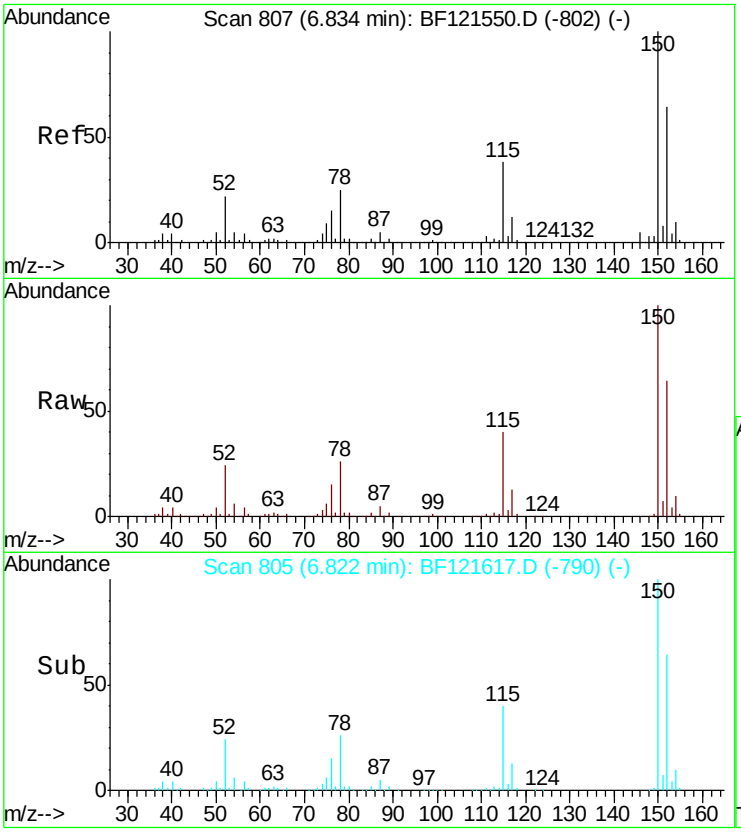
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121617.D
Acq On : 18 Sep 2020 17:18
Operator : JU/CG
Sample : L4075-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Quant Time: Sep 18 18:59:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



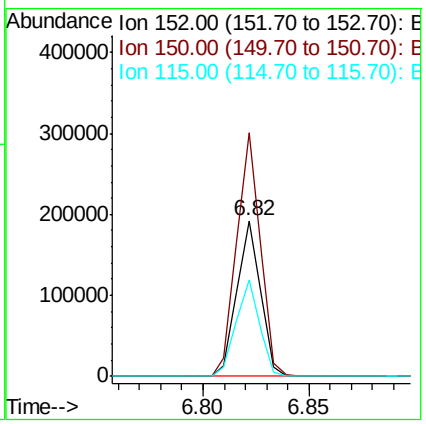


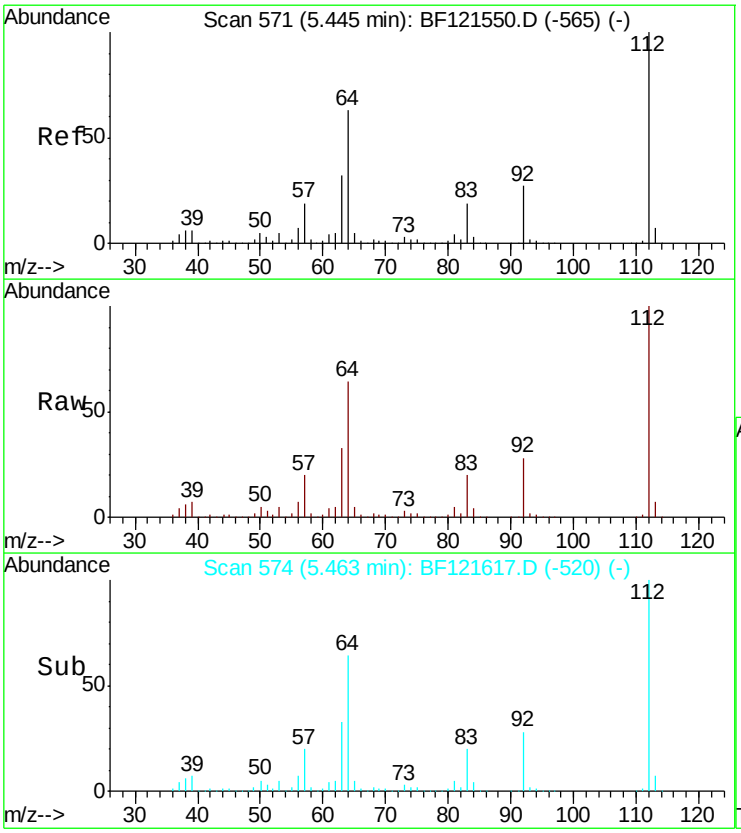

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:152 Resp: 147094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 125.8 | 188.6 |
| 115 | 62.2 | 47.8 | 71.8 |

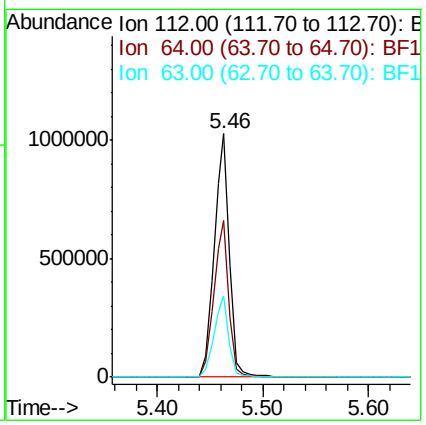


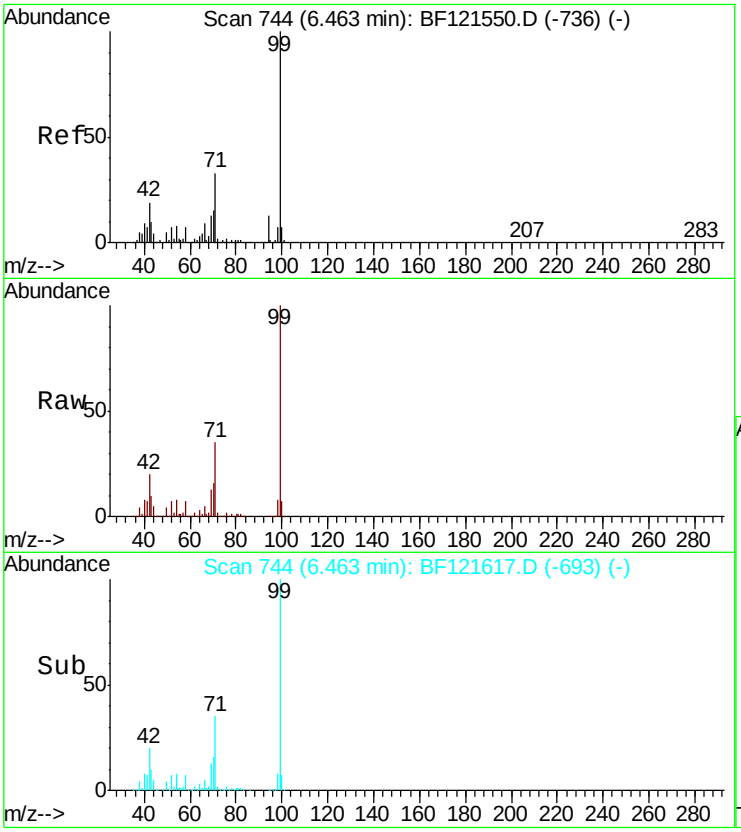




#5
2-Fluorophenol
Concen: 105.672 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:112 Resp: 1045925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.2 | 50.3 | 75.5 |
| 63 | 33.3 | 25.6 | 38.4 |



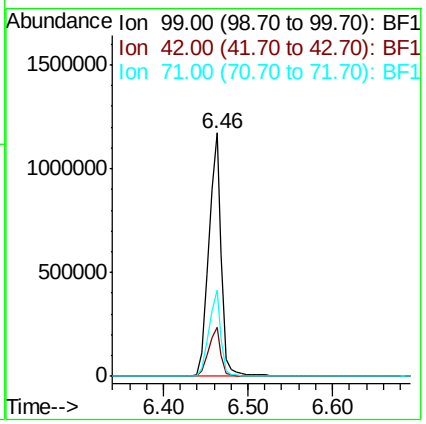


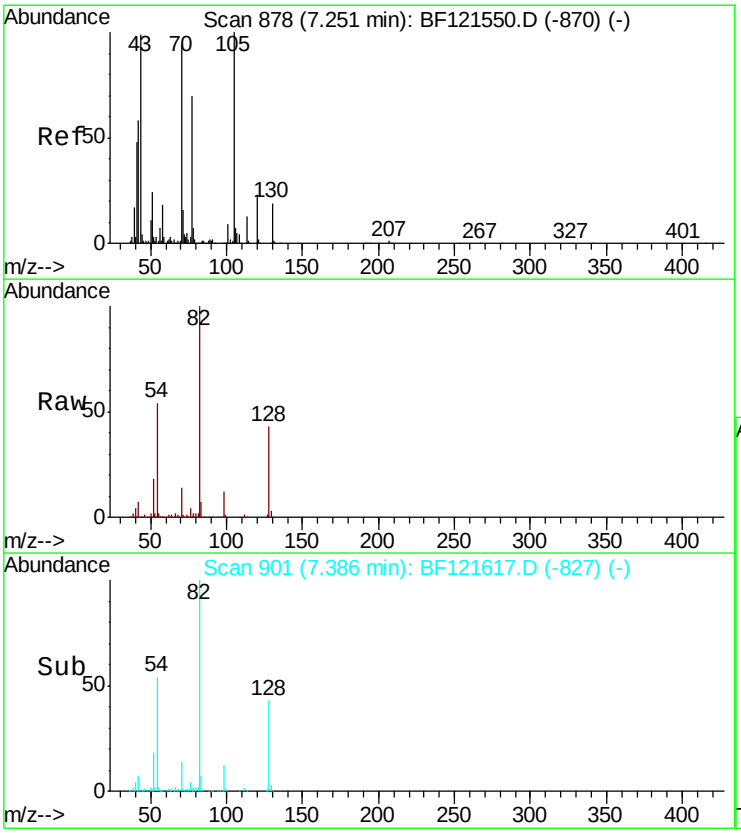

#7
Phenol-d6
Concen: 94.790 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion: 99 Resp: 1230886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.0 | 15.5 | 23.3 |
| 71 | 35.3 | 26.1 | 39.1 |

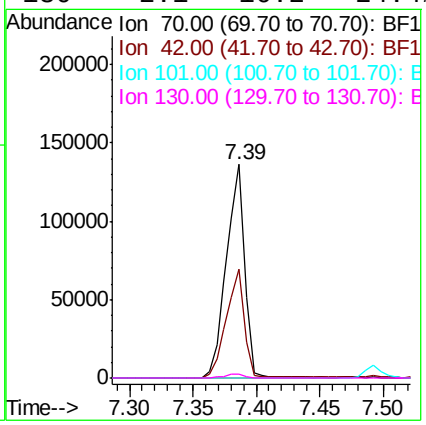


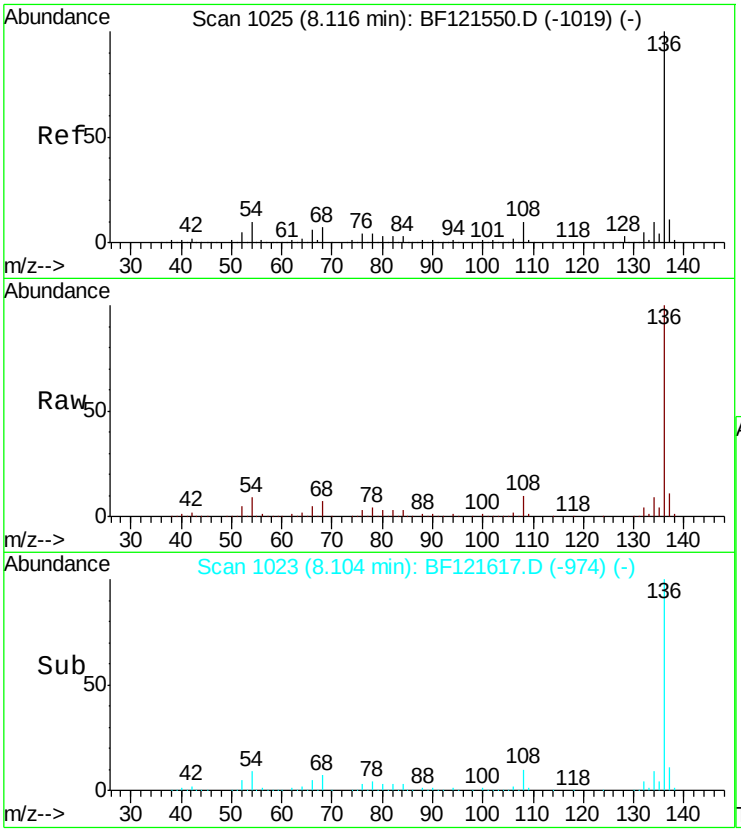




#19
n-Nitroso-di-n-propylamine
Concen: 18.275 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion: 70 Resp: 136769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.9 | 49.4 | 74.2 |
| 101 | 0.0 | 7.6 | 11.4# |
| 130 | 2.1 | 16.2 | 24.4# |



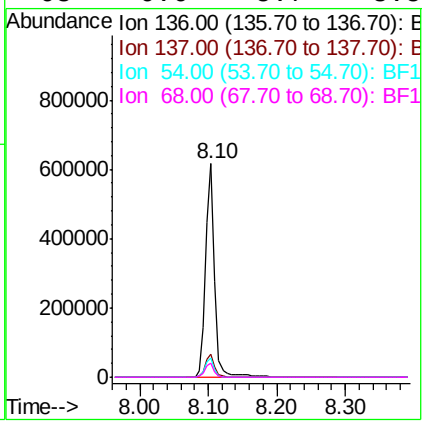


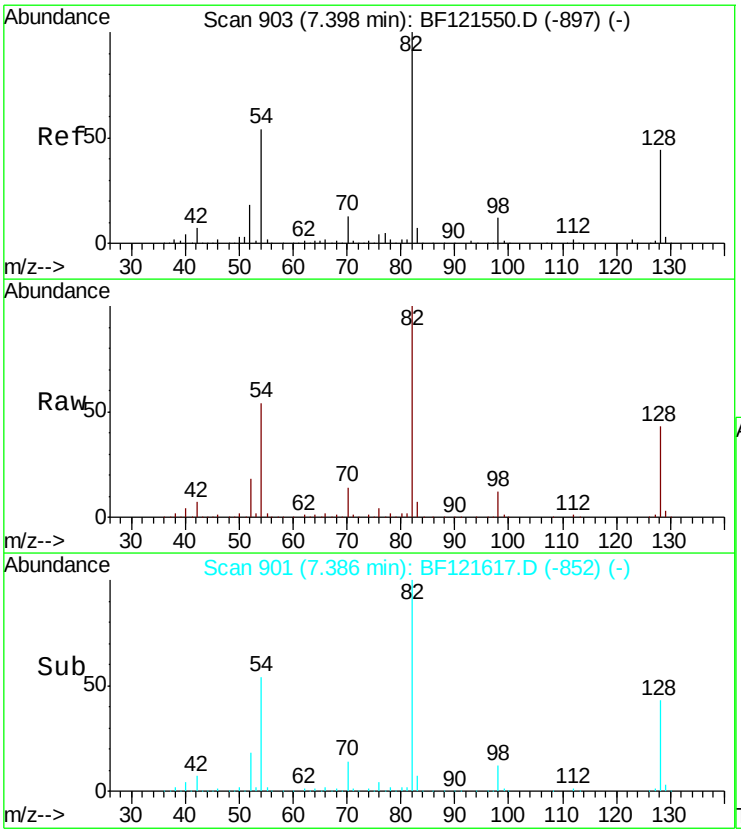

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:136 Resp: 582771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.6 |
| 54 | 9.1 | 7.6 | 11.4 |
| 68 | 6.6 | 5.7 | 8.5 |

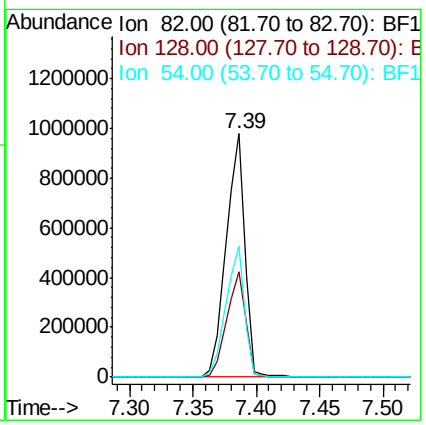


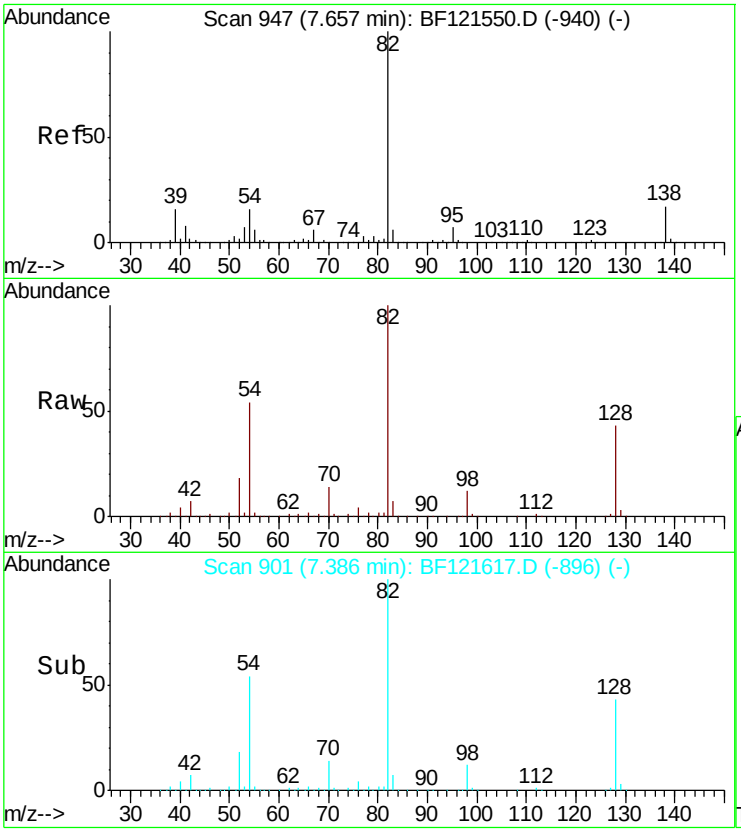




#23
Nitrobenzene-d5
Concen: 92.254 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion: 82 Resp: 1001325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 35.1 | 52.7 |
| 54 | 54.0 | 43.0 | 64.6 |



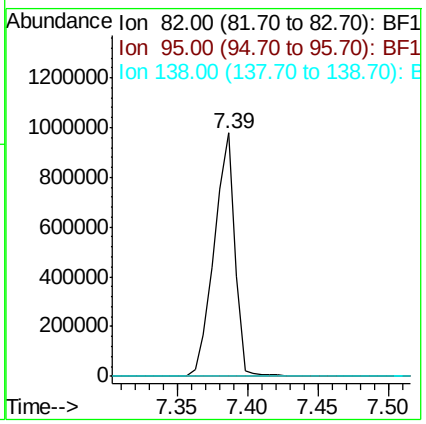


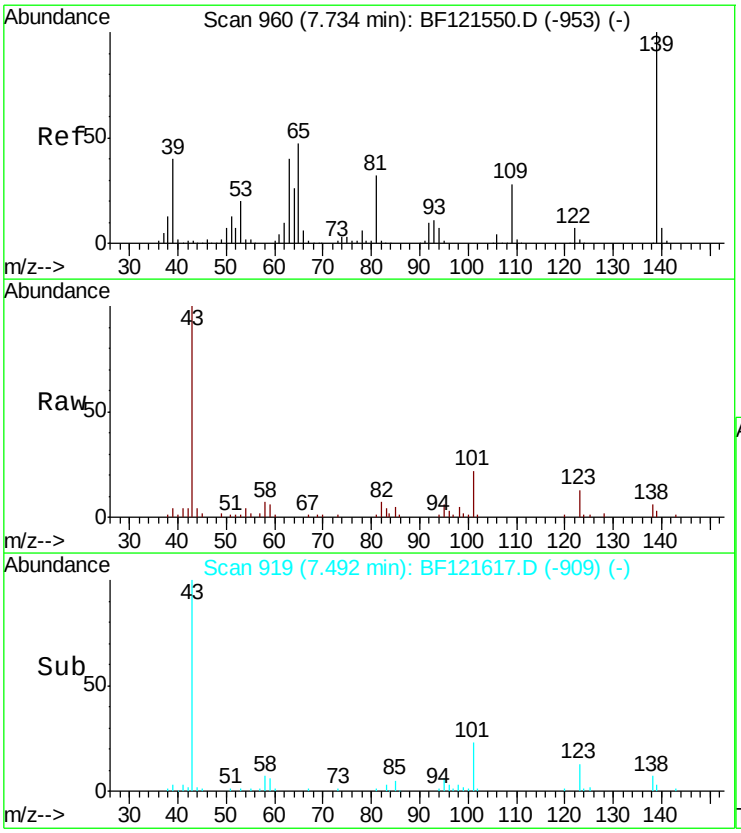

#25
Isophorone
Concen: 45.357 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion: 82 Resp: 991021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.3 | 7.9# |
| 138 | 0.0 | 13.7 | 20.5# |

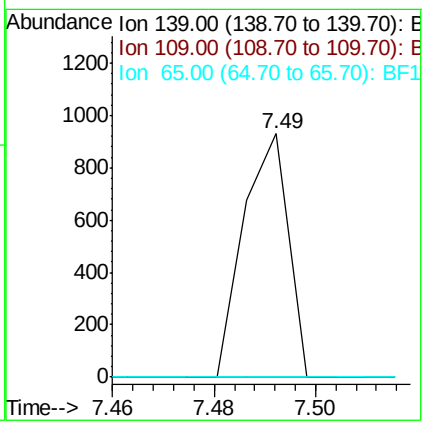


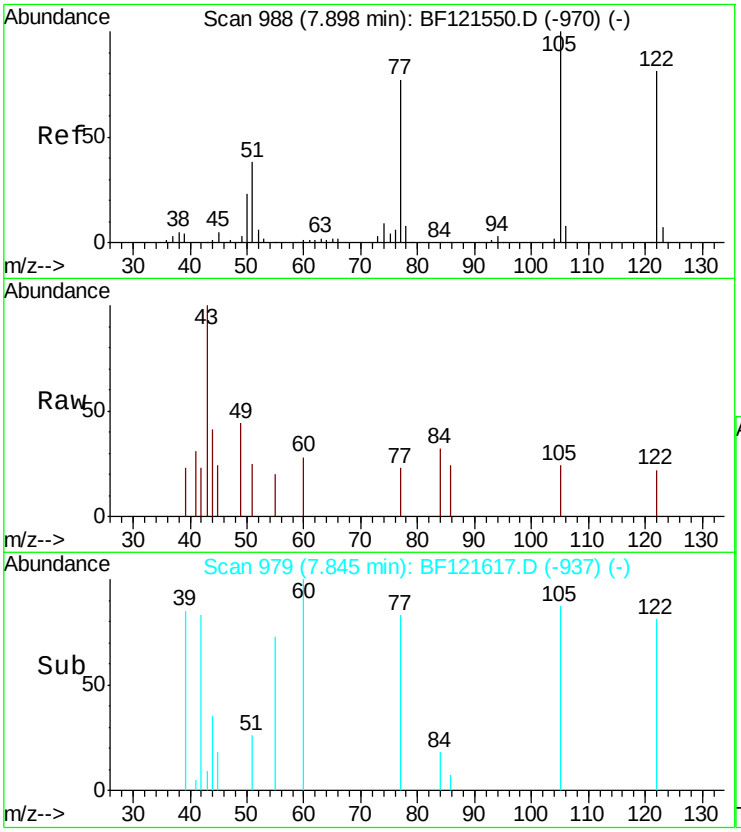




#26
2-Nitrophenol
Concen: 2.657 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.24 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:139 Resp: 568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 22.4 | 33.6# |
| 65 | 0.0 | 37.6 | 56.4# |



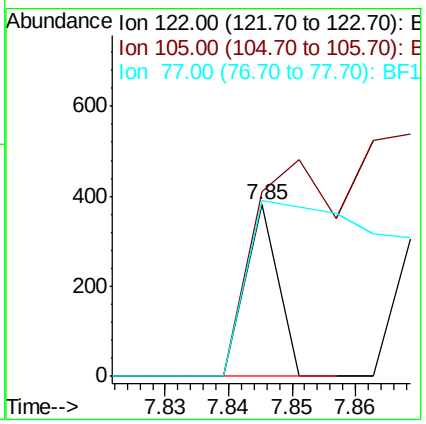


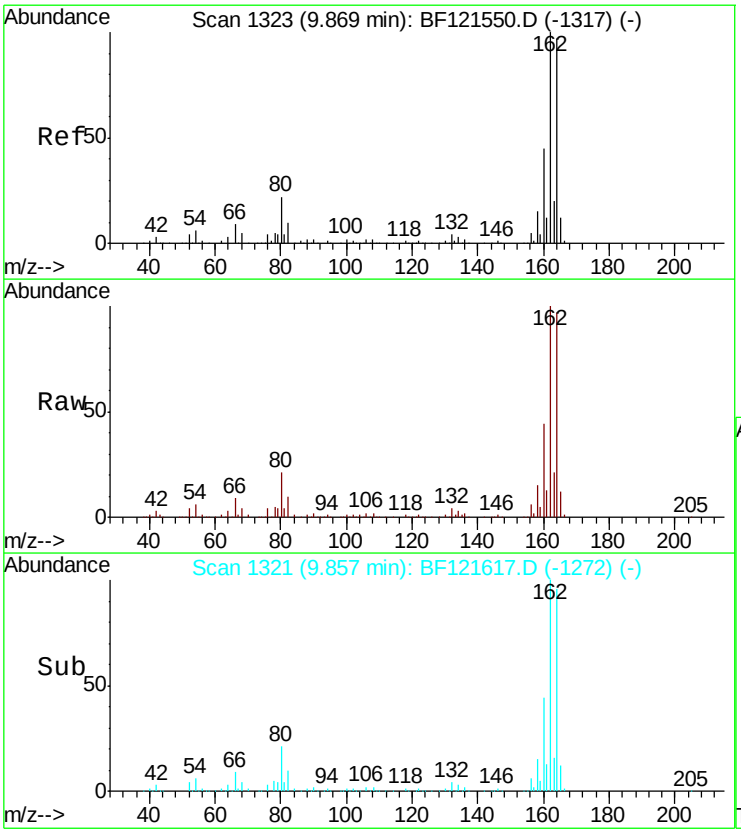

#32
Benzoic acid
Concen: 6.951 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:122 Resp: 134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 107.6 | 100.5 | 140.5 |
| 77 | 102.4 | 72.6 | 112.6 |

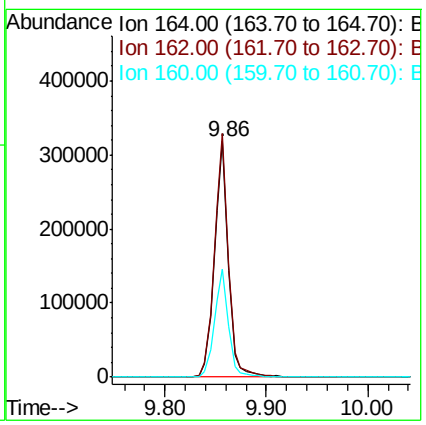


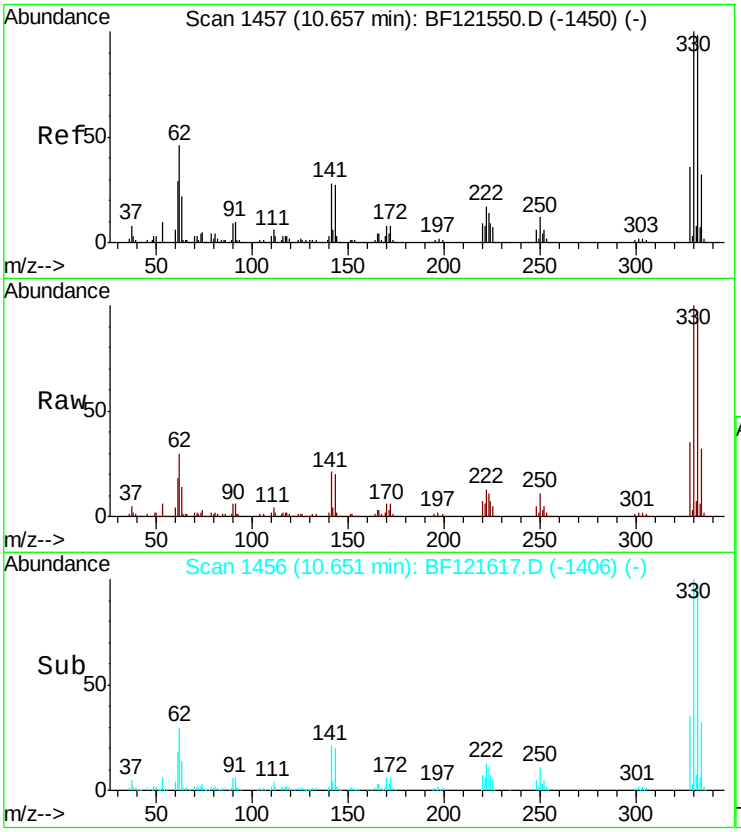




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:164 Resp: 303295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 82.3 | 123.5 |
| 160 | 45.6 | 37.0 | 55.4 |



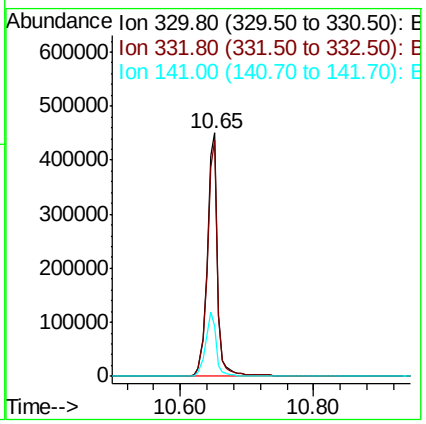


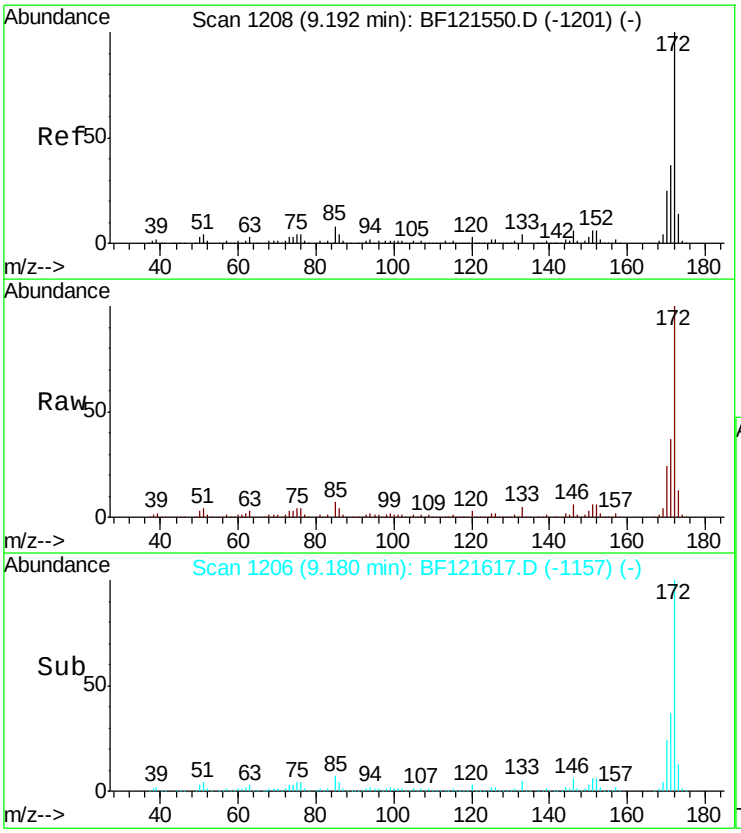

#42
2,4,6-Tribromophenol
Concen: 128.163 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:330 Resp: 483116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 77.1 | 115.7 |
| 141 | 27.6 | 23.6 | 35.4 |

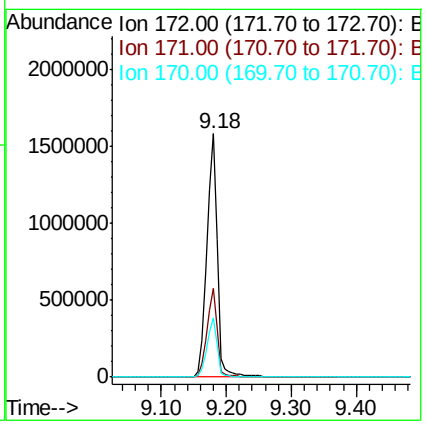


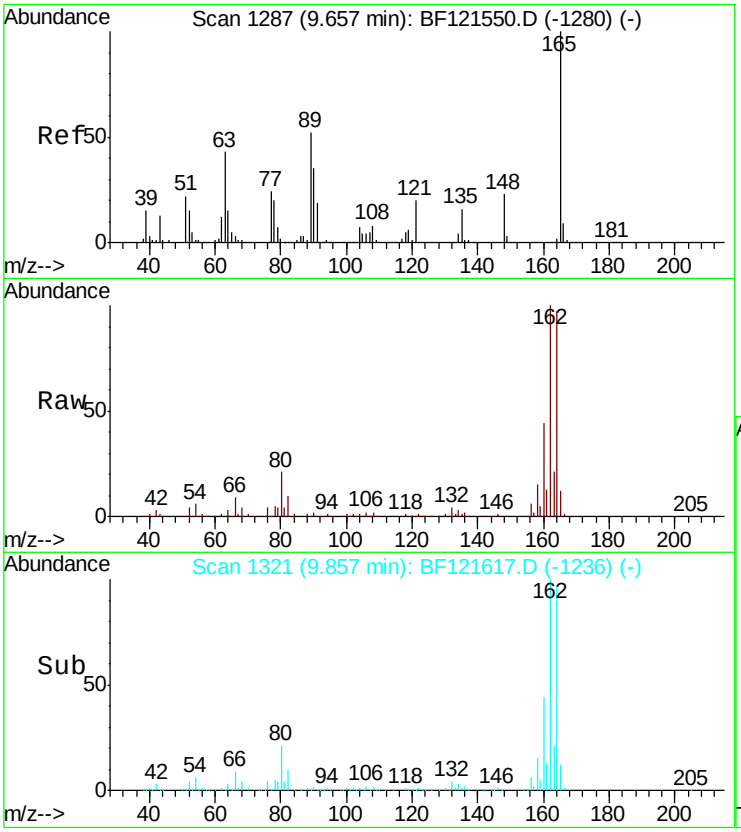




#45
2-Fluorobiphenyl
Concen: 88.129 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:172 Resp: 1764844

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



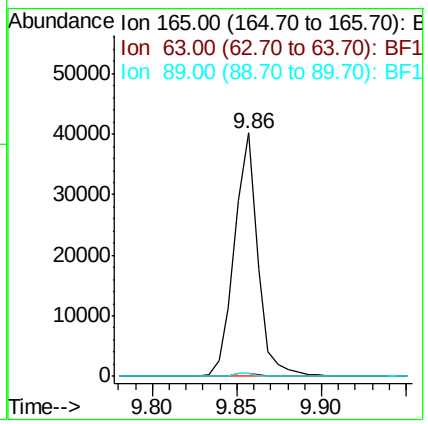


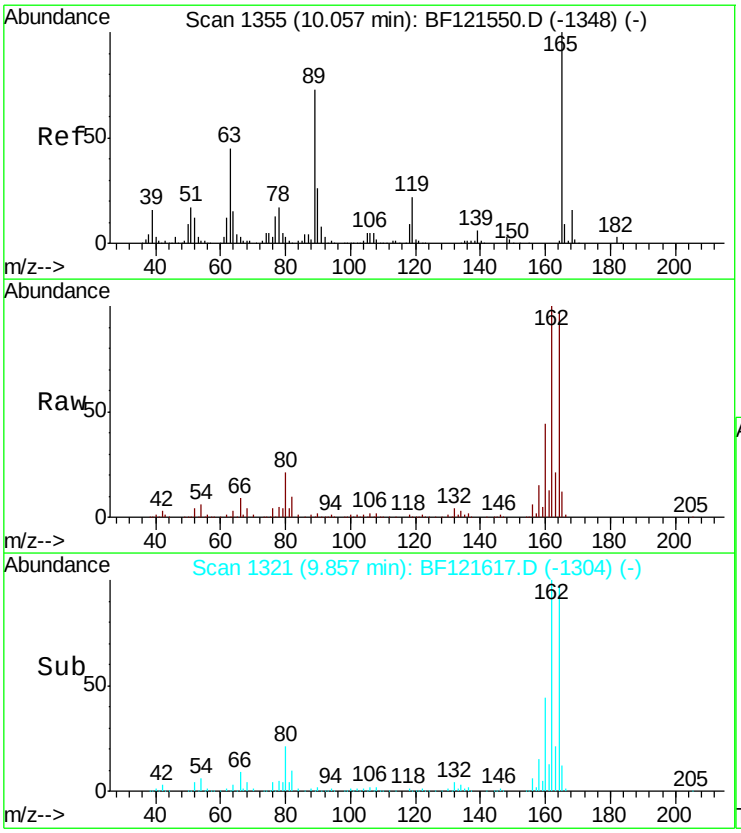

#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:165 Resp: 38705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 40.6 | 61.0# |
| 89 | 1.0 | 41.8 | 62.8# |

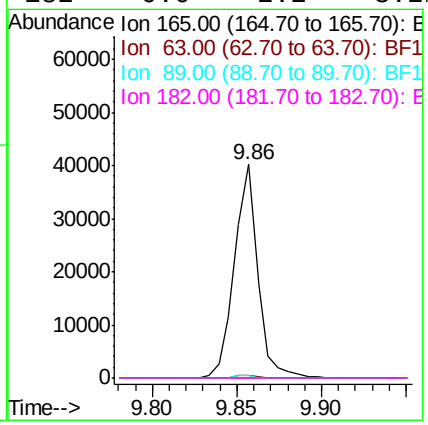


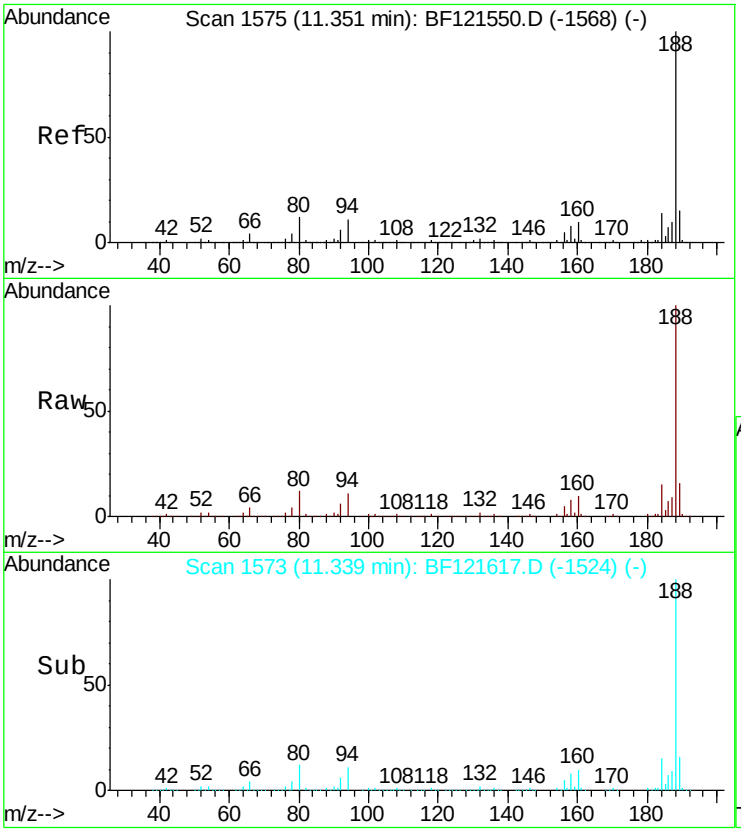




#57
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.20 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:165 Resp: 38705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 36.2 | 54.4# |
| 89 | 1.0 | 58.2 | 87.4# |
| 182 | 0.0 | 2.2 | 3.2# |



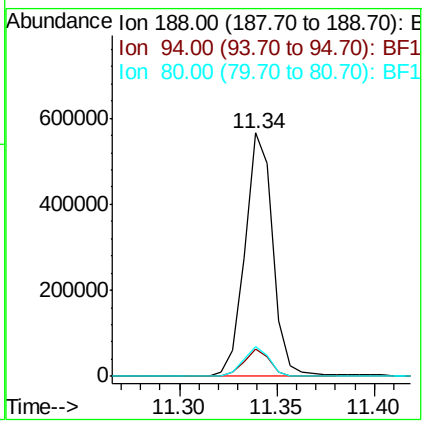


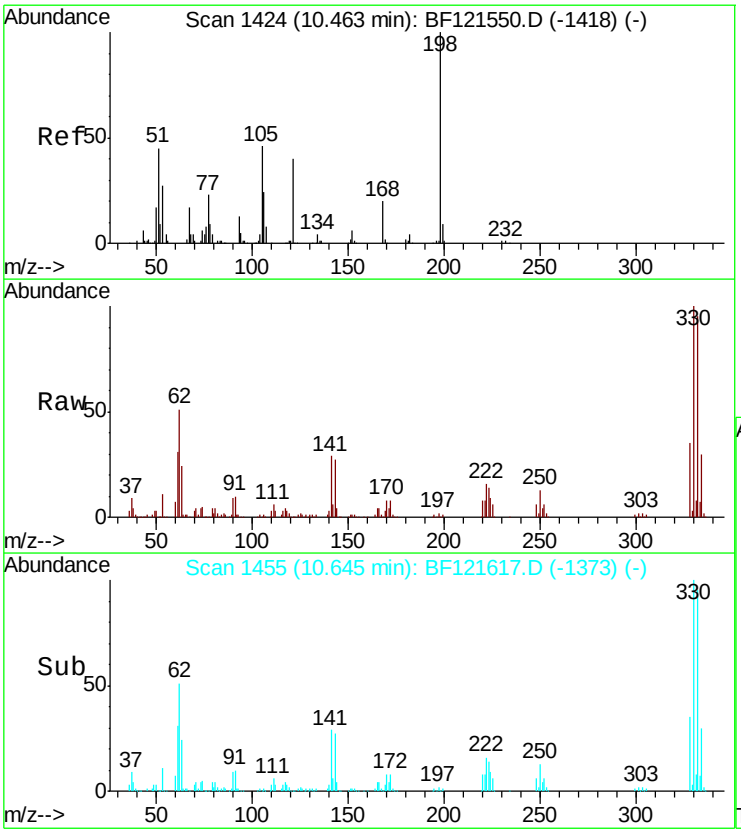

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:188 Resp: 560284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.4 | 8.7 | 13.1 |
| 80 | 12.3 | 9.3 | 13.9 |

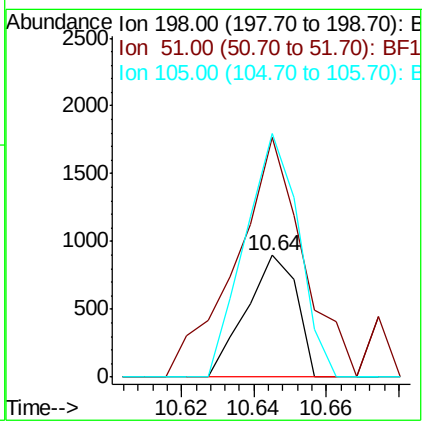


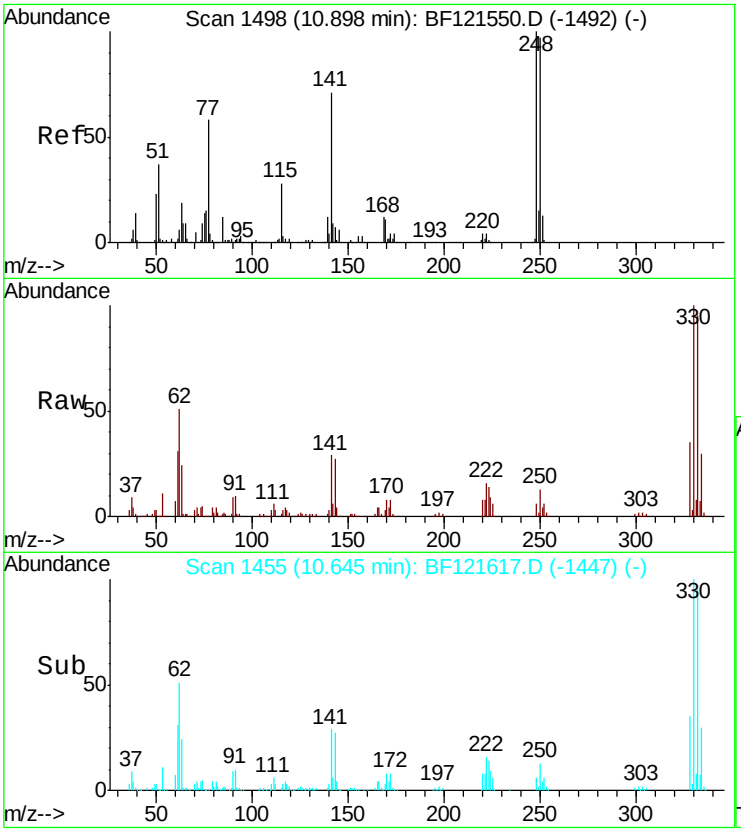




#65
4,6-Dinitro-2-methylphenol
Concen: 7.069 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.18 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:198 Resp: 868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 196.8 | 31.1 | 71.1# |
| 105 | 200.0 | 26.6 | 66.6# |



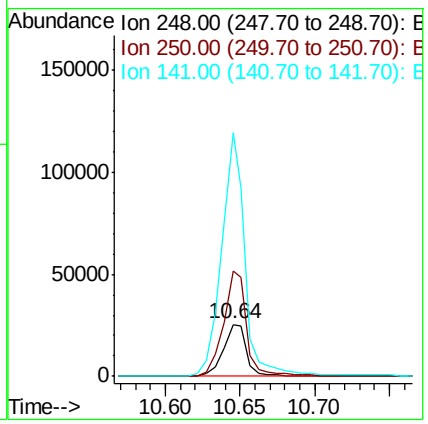


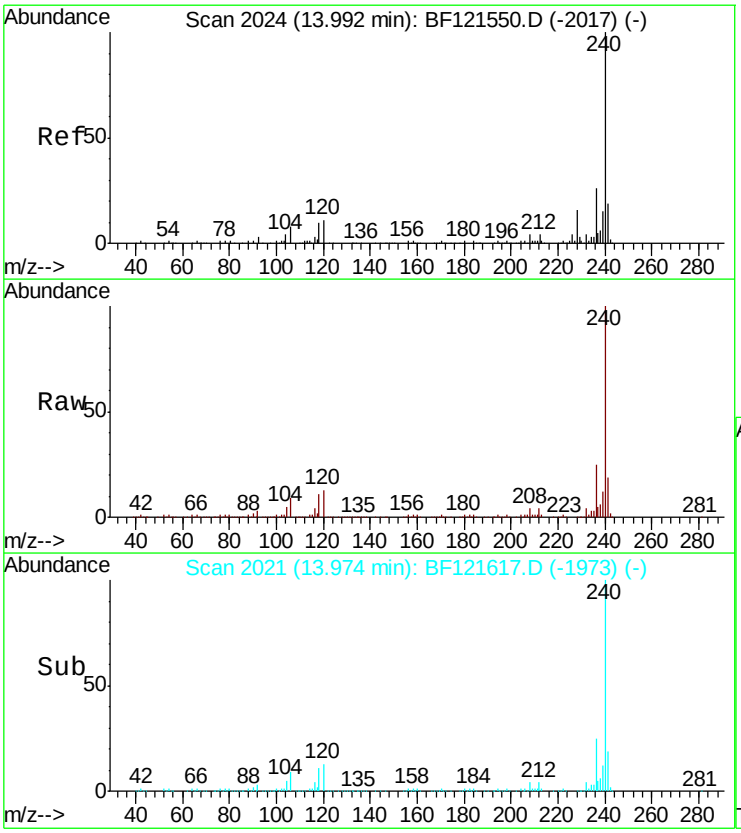

#67
4-Bromophenyl-phenylether
Concen: 4.468 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:248 Resp: 28503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.3 | 77.4 | 116.0# |
| 141 | 468.3 | 56.7 | 85.1# |

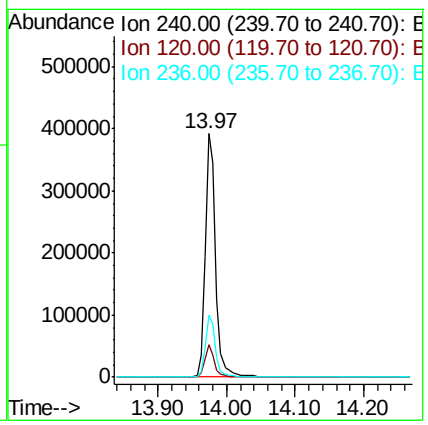


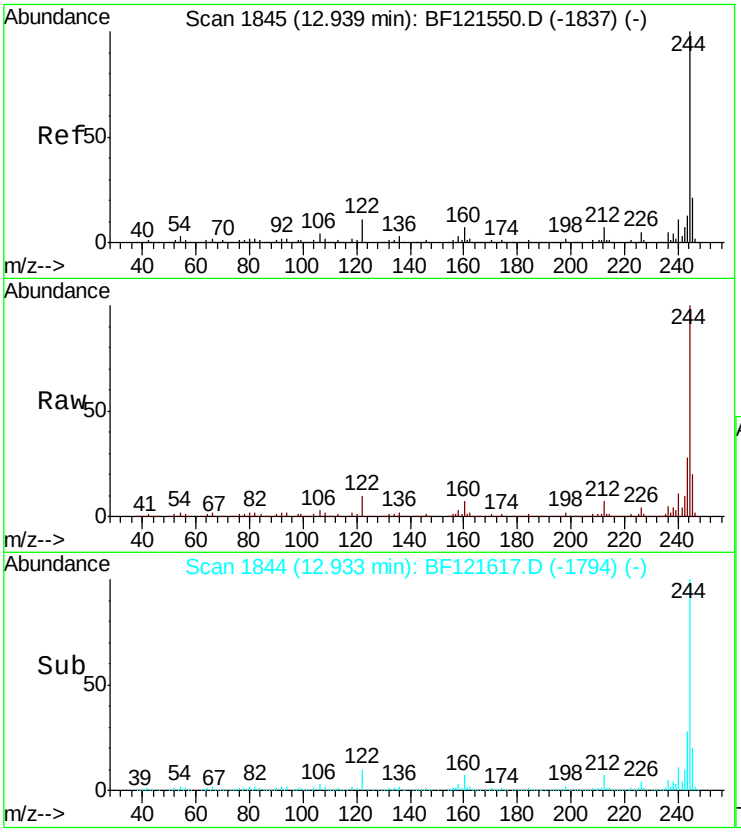




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:240 Resp: 421526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.1 | 9.2 | 13.8 |
| 236 | 25.5 | 20.5 | 30.7 |



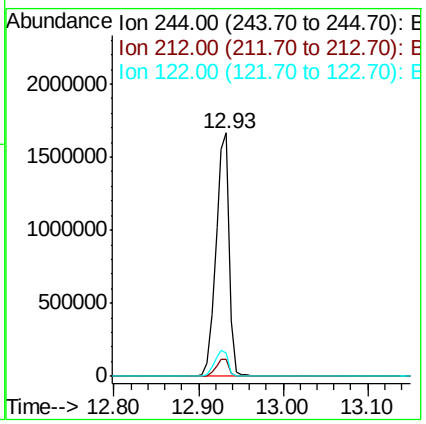


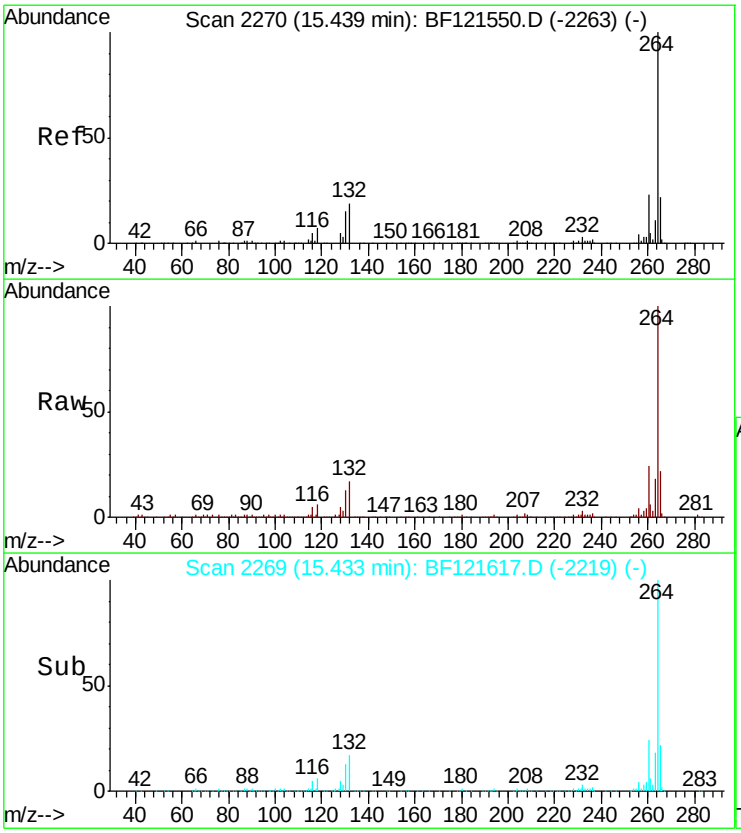

#79
Terphenyl-d14
Concen: 88.917 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

**Instrument :**
BNA_F
**ClientSampleId :**
KTS-WC-S-IB-ST

Tgt Ion:244 Resp: 1850082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.7 | 8.5 |
| 122 | 9.5 | 8.7 | 13.1 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121617.D
Acq: 18 Sep 2020 17:18

Tgt Ion:264 Resp: 371791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.8 | 28.2 |
| 265 | 21.6 | 17.8 | 26.6 |