Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087545.D
Acq On : 30 May 2016 11:54
Operator : UM/SJ
Sample : H3295-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** R1-MW2-GW

Quant Time: May 31 00:39:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 121919 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 9.51 | 136 | 492121 | 20.00 | ng | -0.05 |
| 38) Acenaphthene-d10 | 12.33 | 164 | 218216 | 20.00 | ng | -0.06 |
| 63) Phenanthrene-d10 | 14.75 | 188 | 406387 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 18.47 | 240 | 272595 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 20.16 | 264 | 218306 | 20.00 | ng | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 442916 | 63.84 | ng | -0.03 |
| 7) Phenol-d6 | 7.03 | 99 | 505755 | 53.94 | ng | -0.05 |
| 23) Nitrobenzene-d5 | 8.39 | 82 | 759070 | 77.74 | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 13.63 | 330 | 246491 | 117.54 | ng | -0.05 |
| 44) 2-Fluorobiphenyl | 11.28 | 172 | 1265082 | 81.73 | ng | -0.06 |
| 78) Terphenyl-d14 | 17.09 | 244 | 1006890 | 78.53 | ng | -0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 92363 | 13.21 | ng | # 71 |
| 49) Dimethylphthalate | 12.01 | 163 | 37845 | 2.16 | ng | 100 |

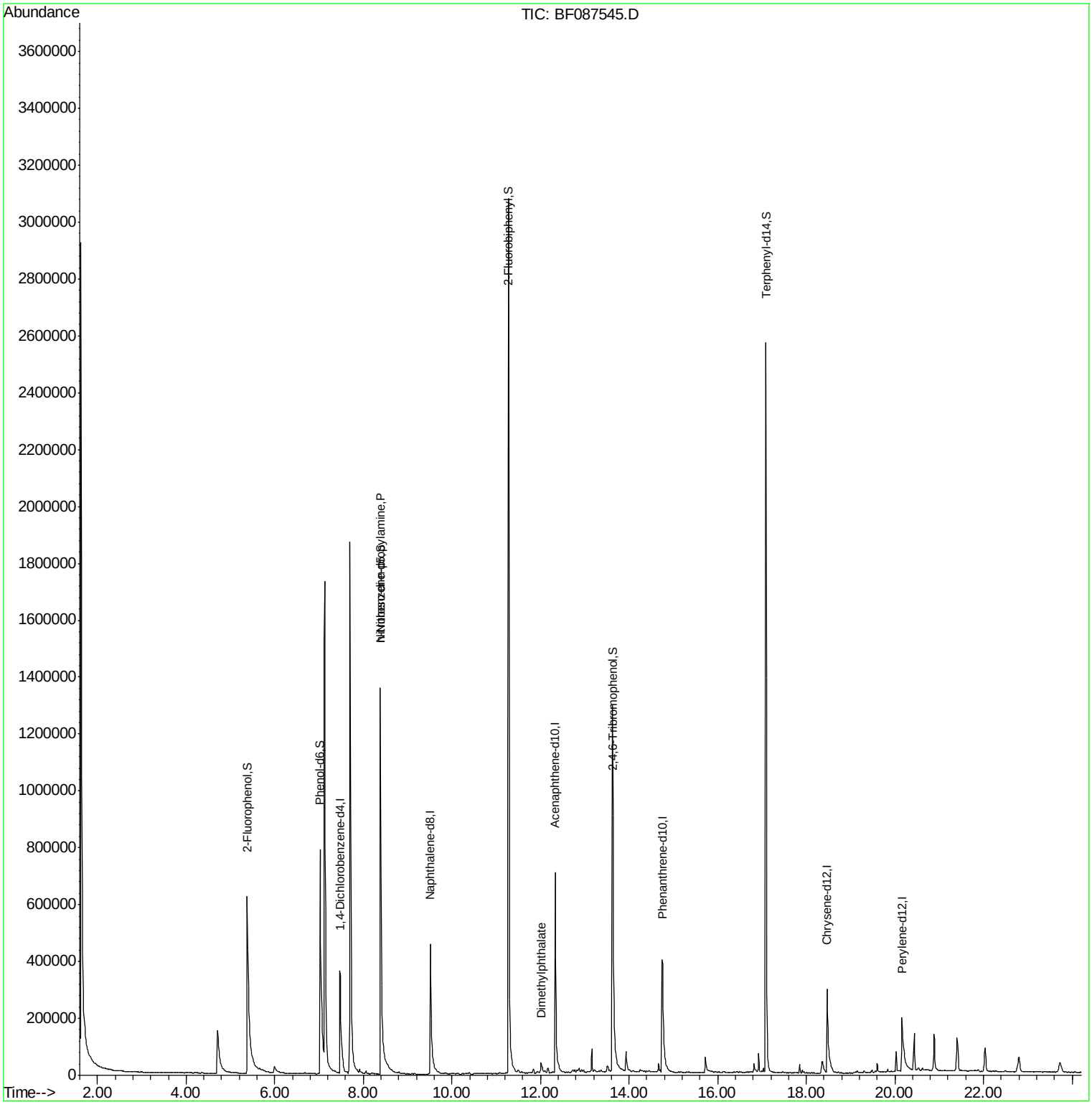
(#) = qualifier out of range (m) = manual integration (+) = signals summed

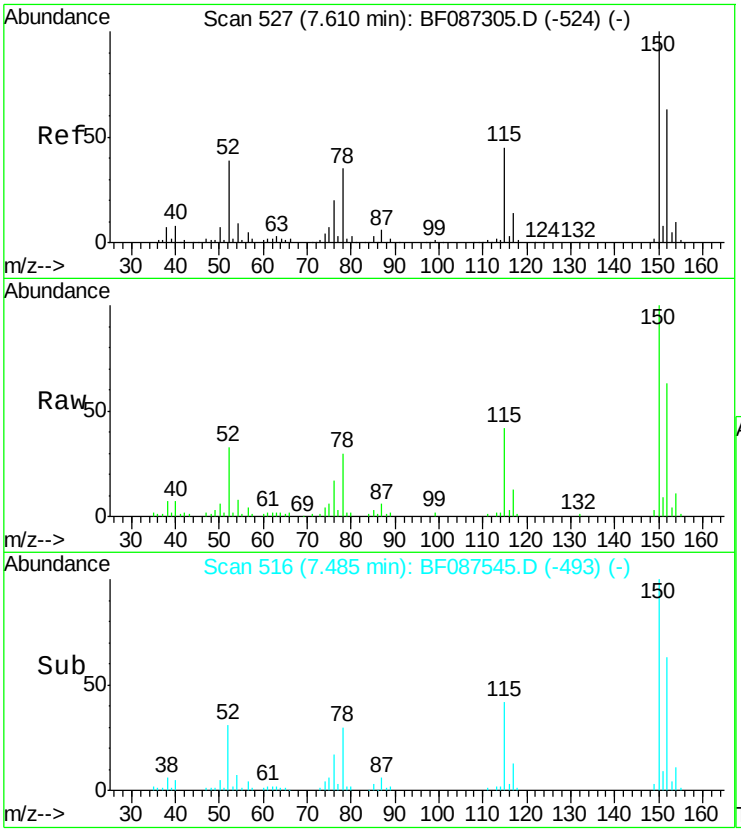
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087545.D
Acq On : 30 May 2016 11:54
Operator : UM/SJ
Sample : H3295-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Quant Time: May 31 00:39:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



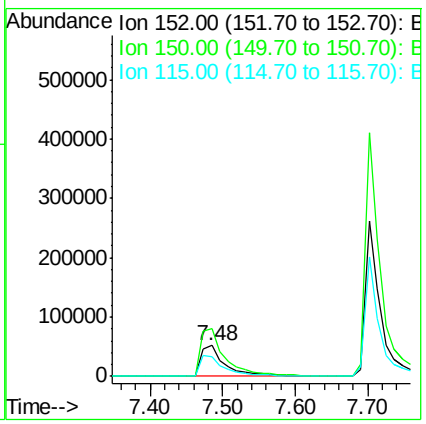


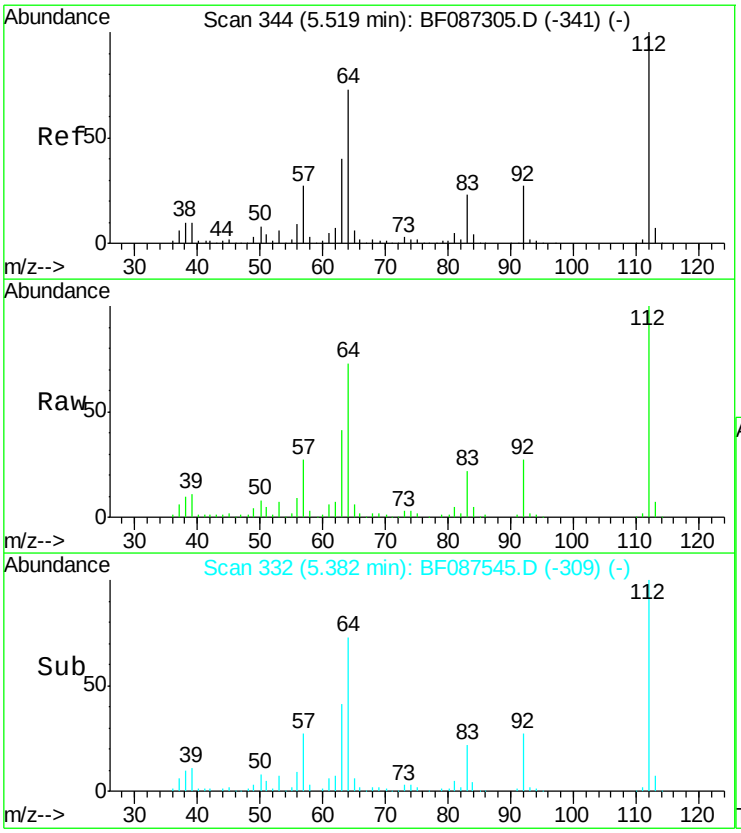

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:152 Resp: 121919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 125.8 | 188.6 |
| 115 | 66.0 | 51.5 | 77.3 |

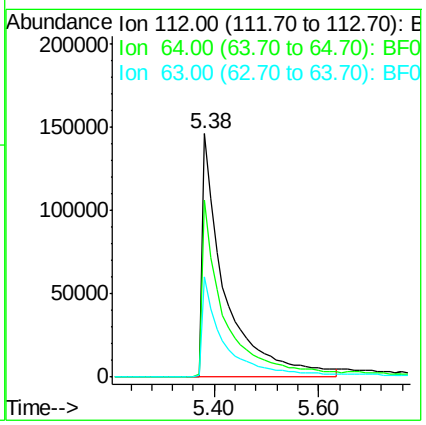


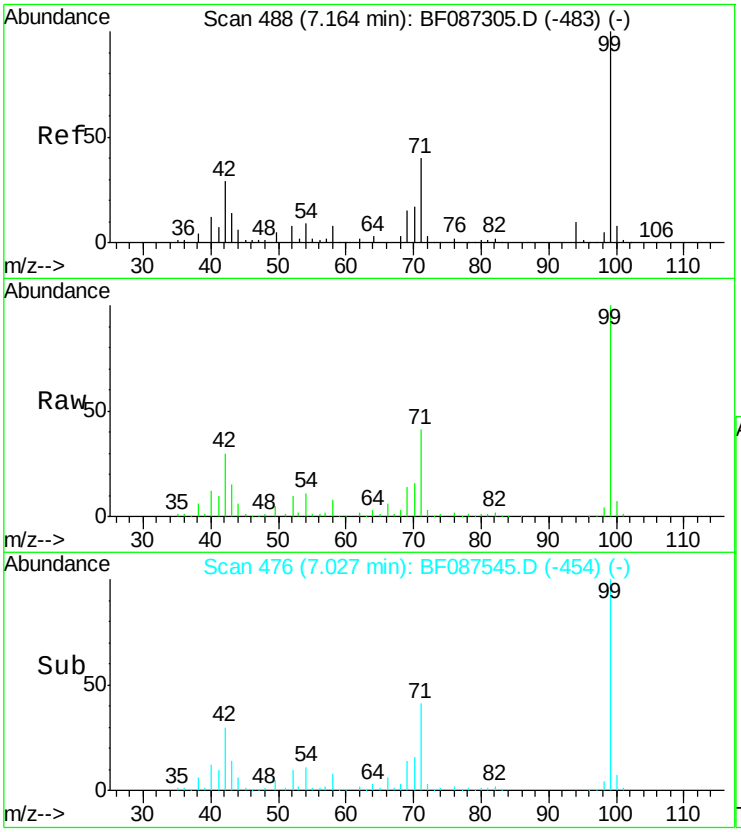




#5
2-Fluorophenol
Concen: 63.84 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion:112 Resp: 442916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.6 | 52.1 | 78.1 |
| 63 | 41.4 | 25.7 | 38.5# |



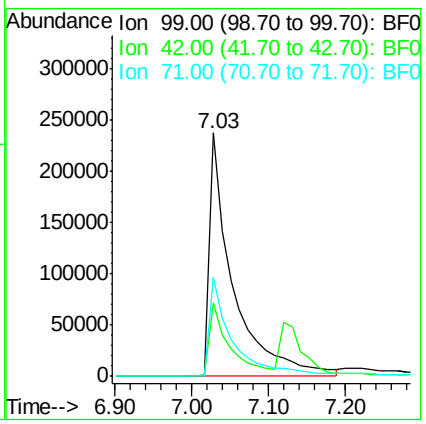


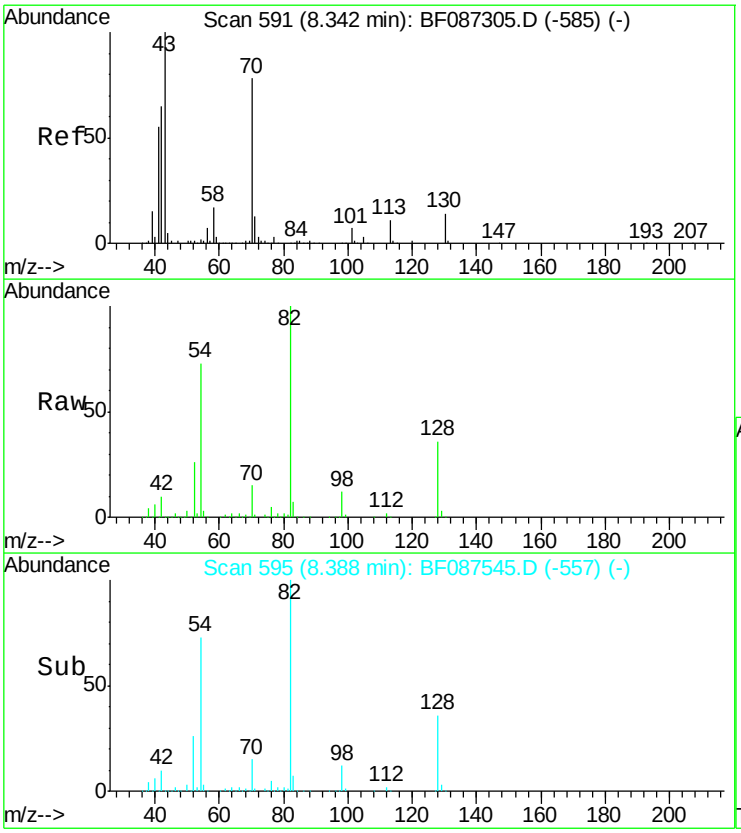

#7
Phenol-d6
Concen: 53.94 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion: 99 Resp: 505755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.3 | 13.6 | 20.4# |
| 71 | 40.5 | 24.6 | 36.8# |

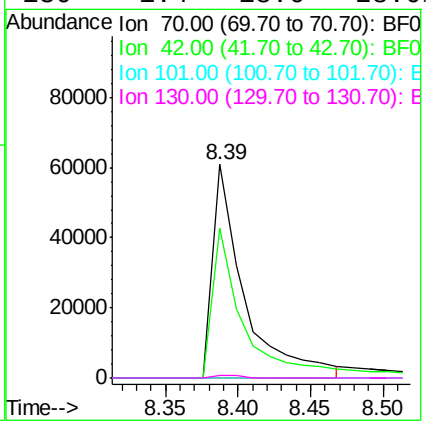


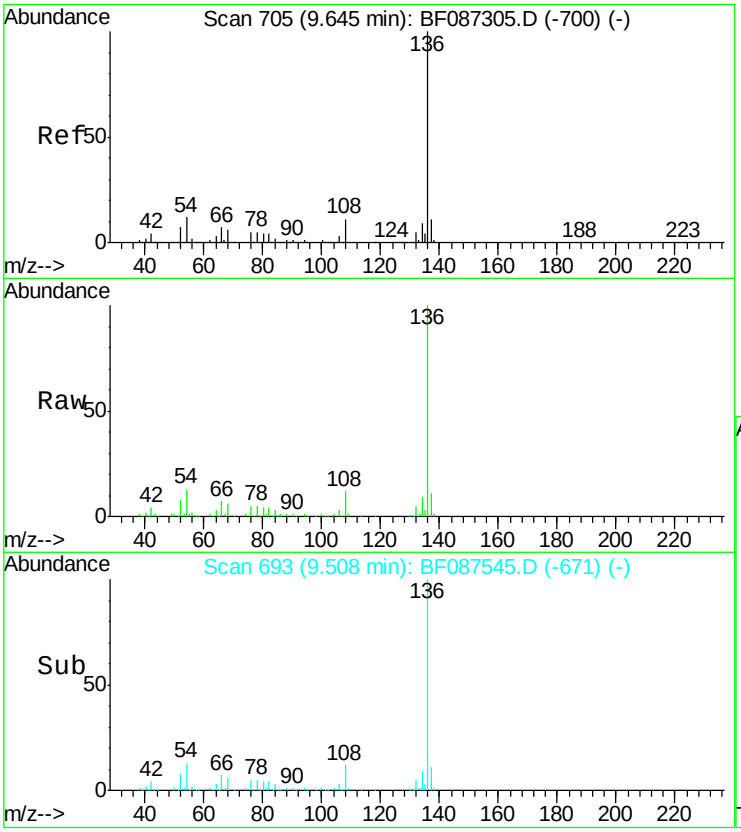




#19
n-Nitroso-di-n-propylamine
Concen: 13.21 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion: 70 Resp: 92363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 70.1 | 43.1 | 64.7# |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 1.4 | 18.6 | 28.0# |



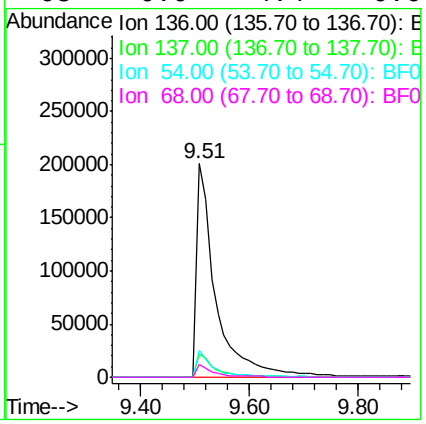


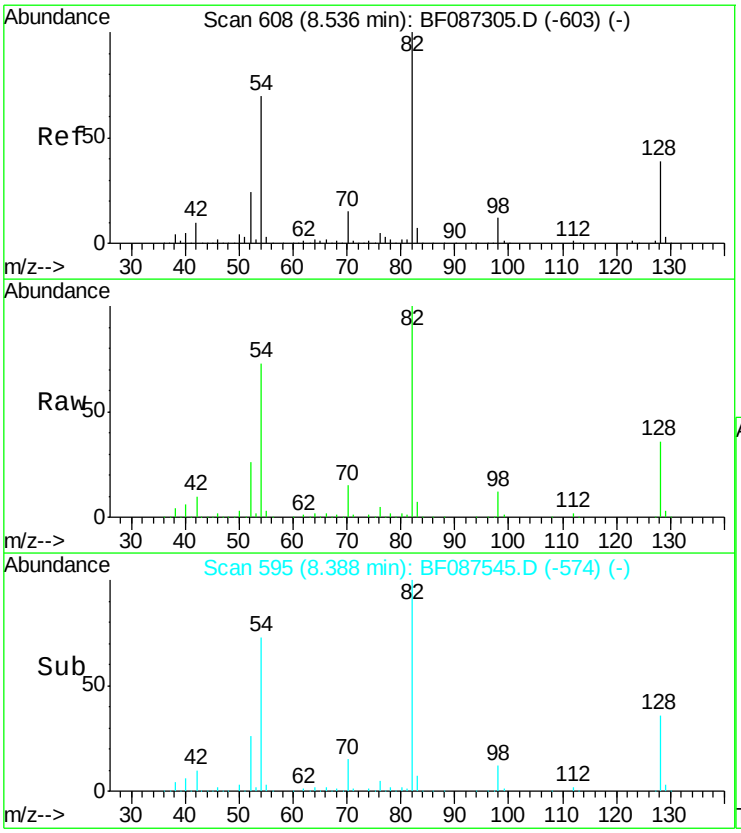

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:136 Resp: 492121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 12.7 | 5.0 | 7.4# |
| 68 | 6.0 | 4.4 | 6.6 |

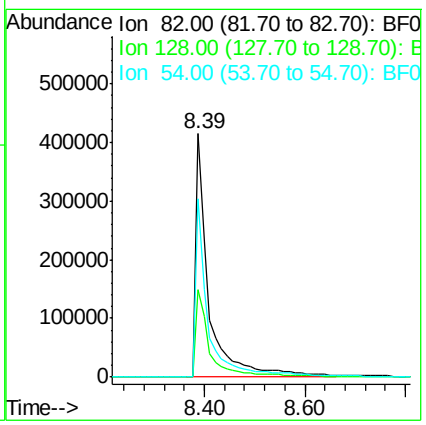


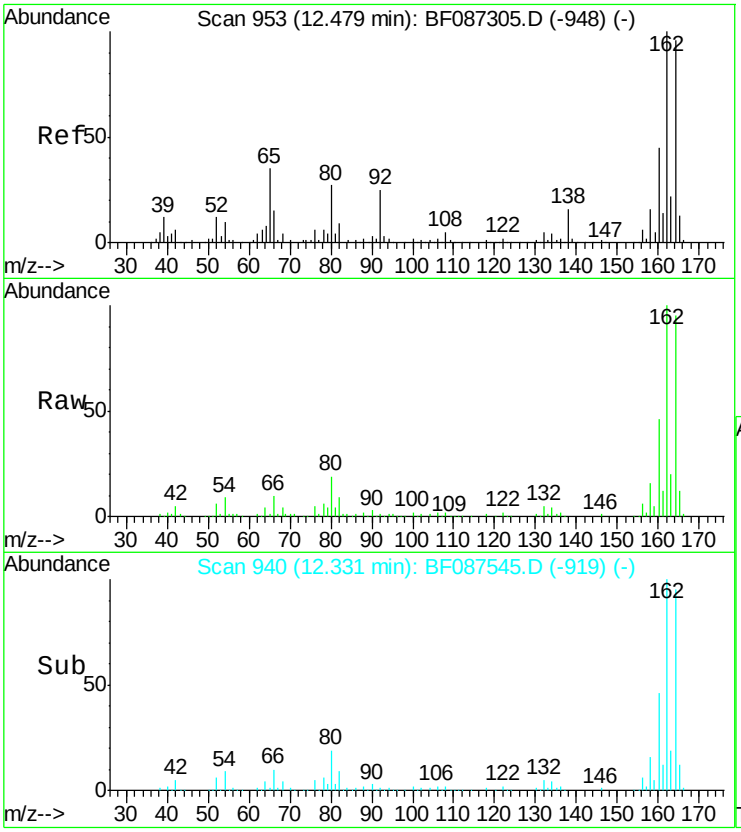




#23
Nitrobenzene-d5
Concen: 77.74 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion: 82 Resp: 759070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.7 | 40.6 | 61.0# |
| 54 | 73.4 | 38.1 | 57.1# |



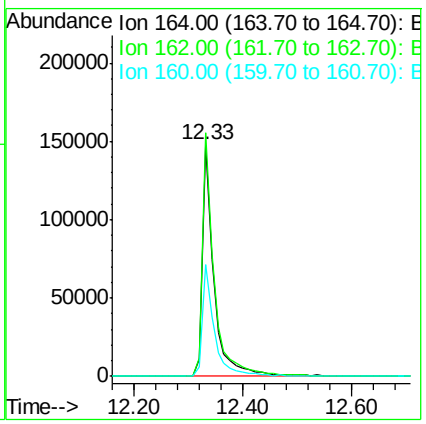


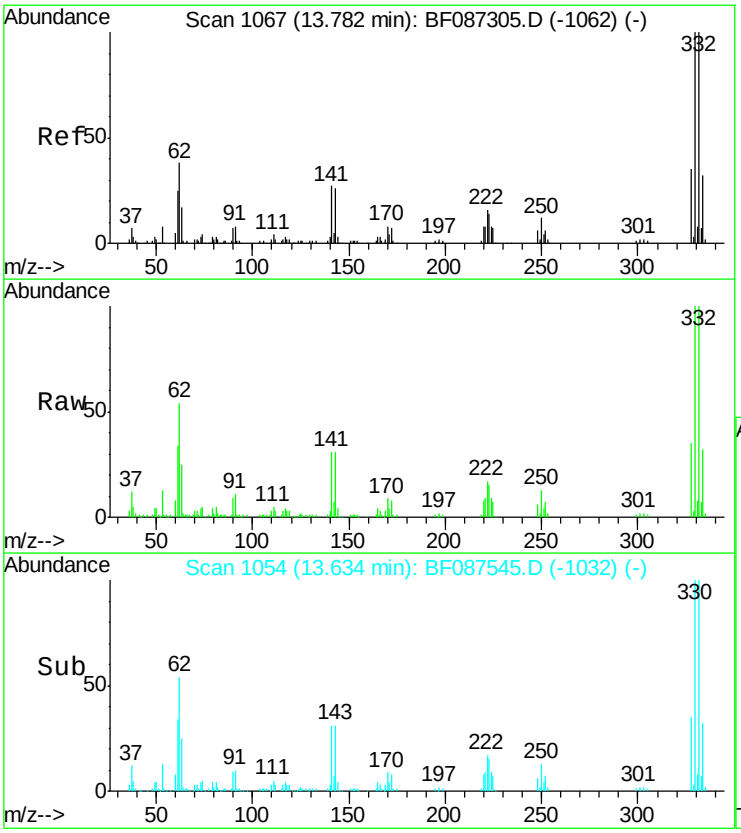

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:164 Resp: 218216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.3 | 82.8 | 124.2 |
| 160 | 48.2 | 36.9 | 55.3 |

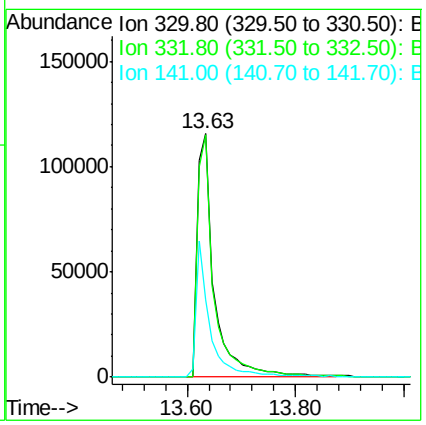


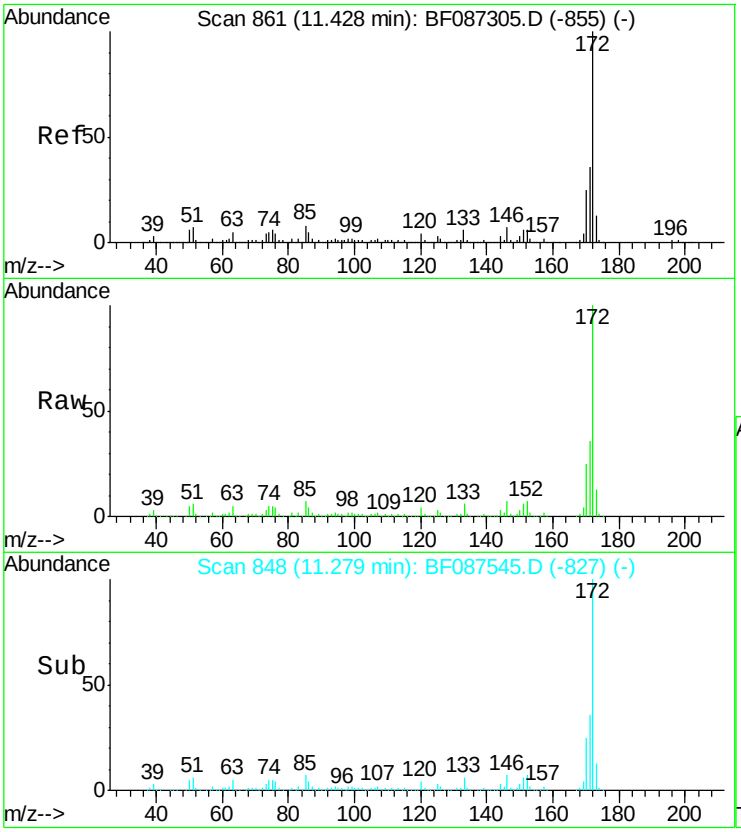




#41
2,4,6-Tribromophenol
Concen: 117.54 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion:330 Resp: 246491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 79.0 | 118.4 |
| 141 | 45.8 | 31.2 | 46.8 |



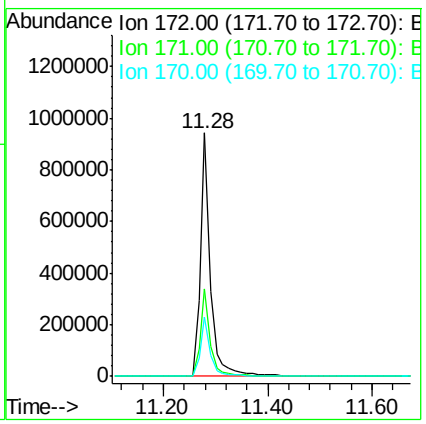


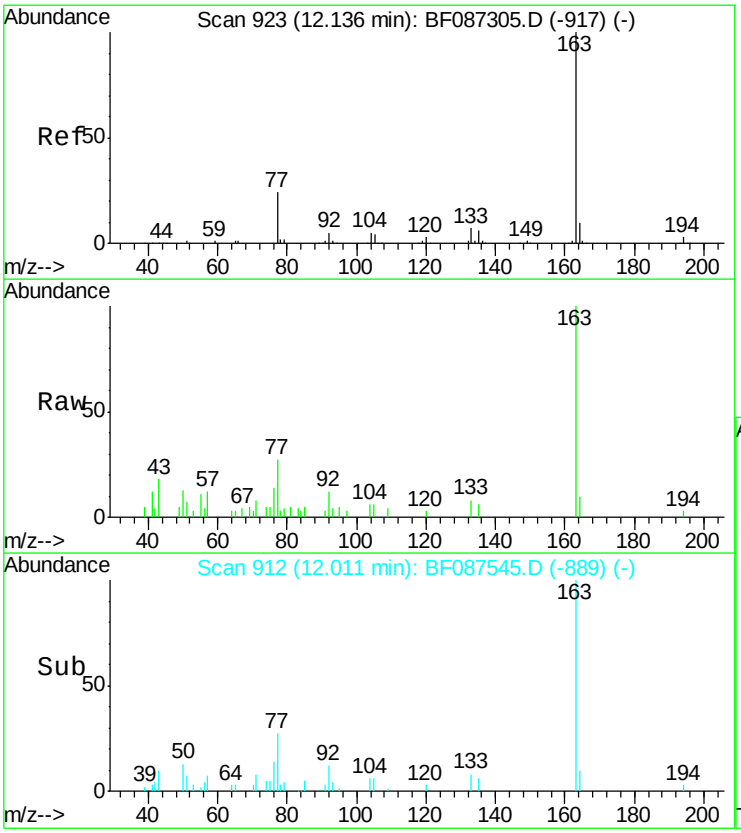

#44
2-Fluorobiphenyl
Concen: 81.73 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:172 Resp: 1265082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.0 | 43.6 |
| 170 | 24.5 | 19.8 | 29.8 |

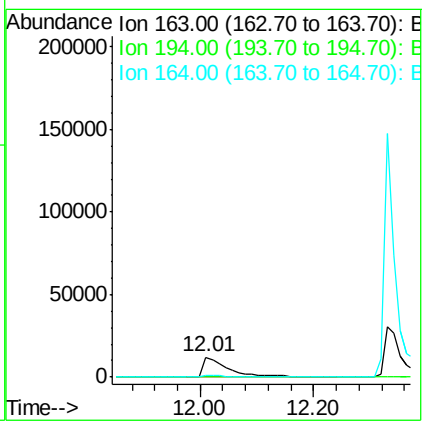


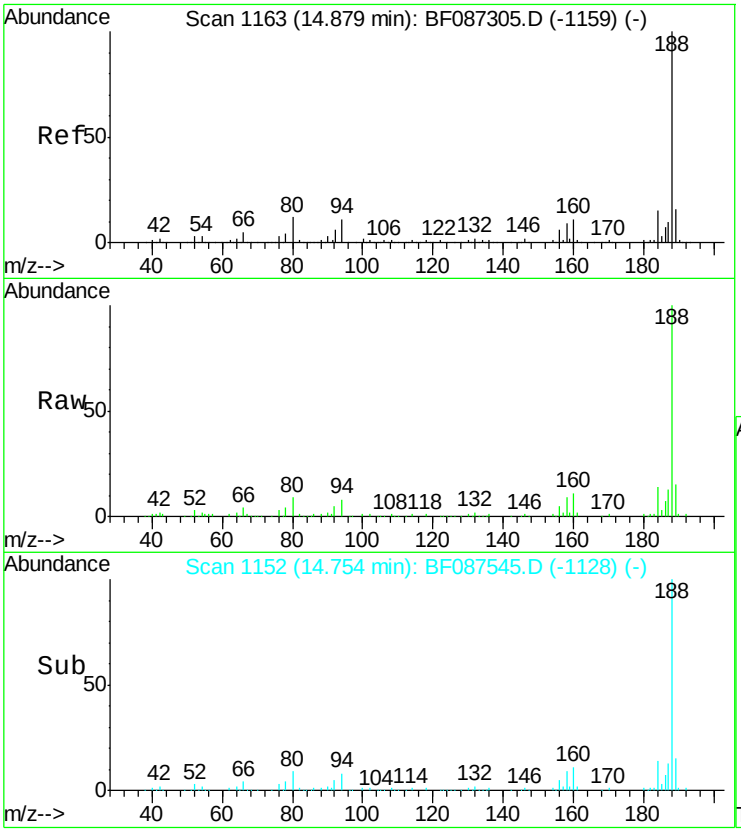




#49
Dimethylphthalate
Concen: 2.16 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion:163 Resp: 37845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.6 | 4.0 |
| 164 | 10.4 | 8.2 | 12.4 |



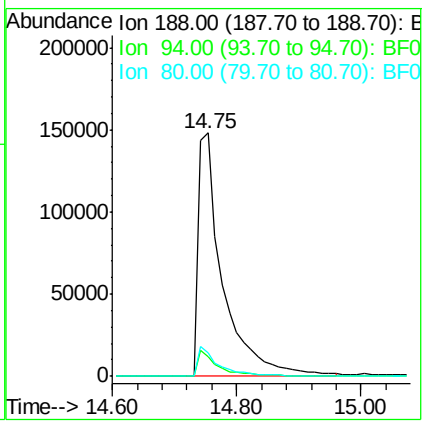


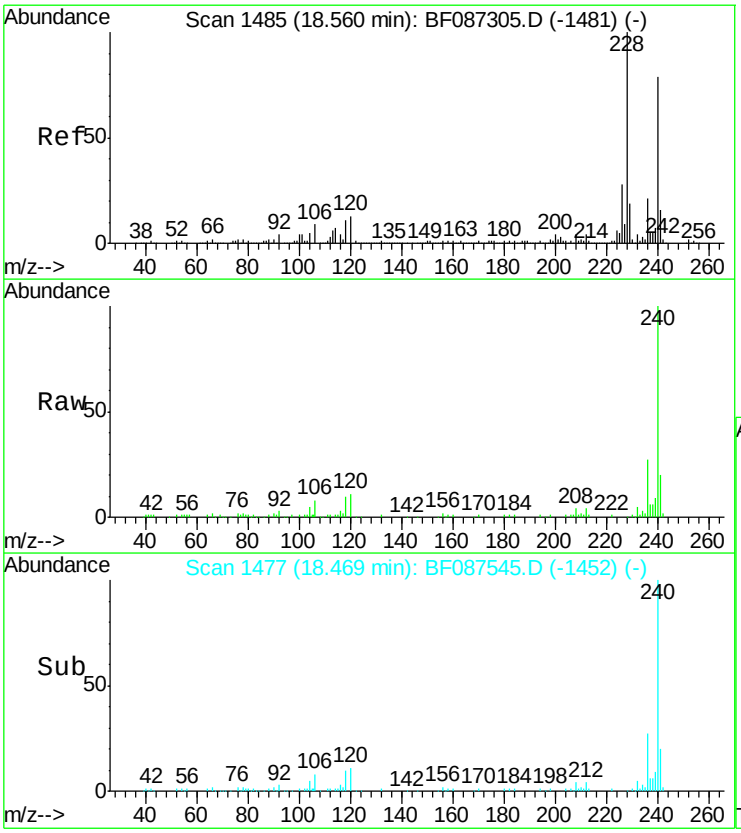

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:188 Resp: 406387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.8 | 10.2 |
| 80 | 9.4 | 7.1 | 10.7 |

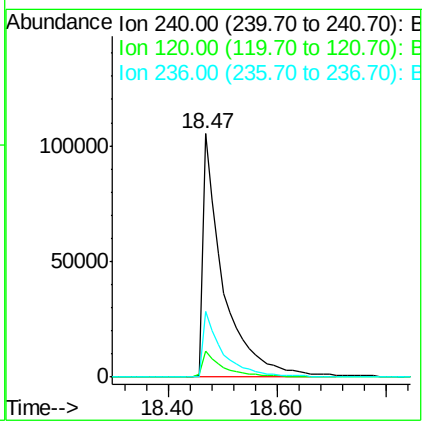


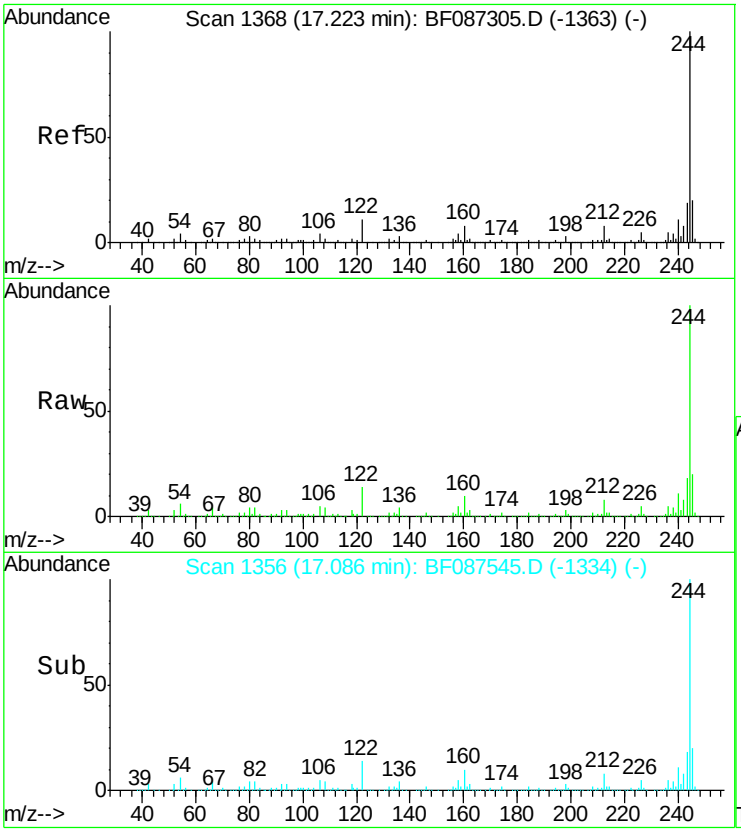




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion:240 Resp: 272595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 11.2 | 16.8# |
| 236 | 27.0 | 21.2 | 31.8 |



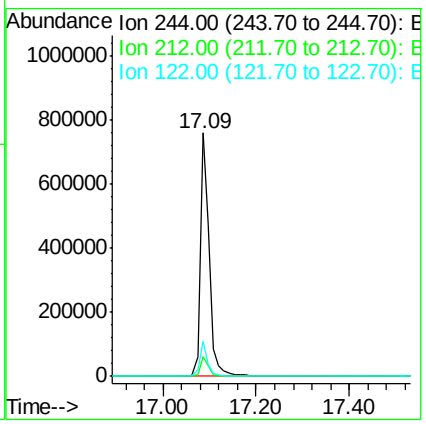


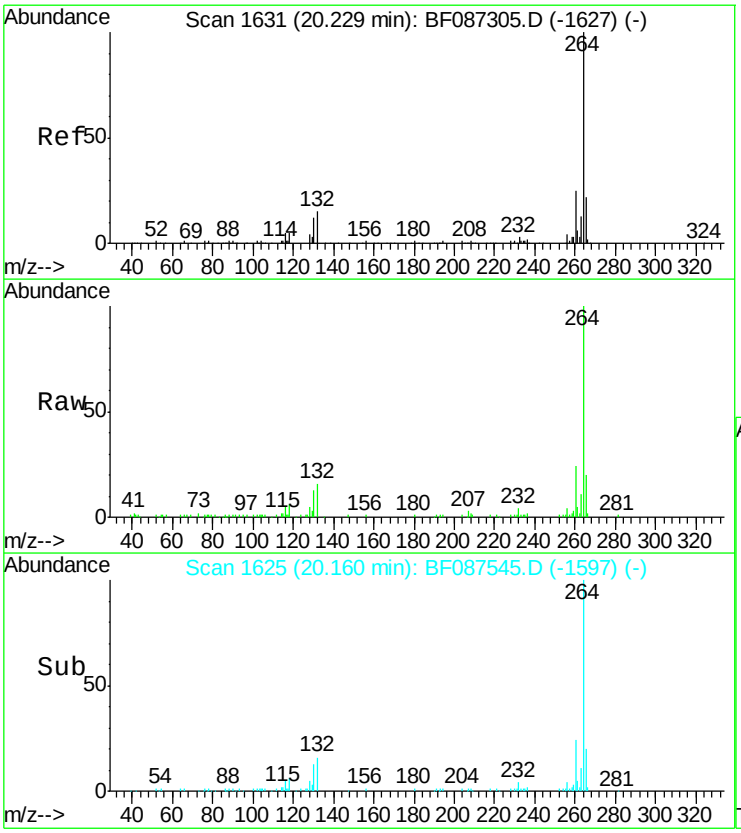

#78
Terphenyl-d14
Concen: 78.53 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

**Instrument :**
BNA_F
**ClientSampleId :**
R1-MW2-GW

Tgt Ion:244 Resp: 1006890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 6.2 | 9.2 |
| 122 | 14.2 | 12.0 | 18.0 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BF087545.D
Acq: 30 May 2016 11:54

Tgt Ion:264 Resp: 218306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.5 | 29.3 |
| 265 | 20.2 | 17.3 | 25.9 |