Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085535.D
Acq On : 18 Mar 2016 15:14
Operator : UM/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 20 23:57:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 0.00 | 152 | 0 | 0.00 | ng | | -6.86 |
| 21) Naphthalene-d8 | 8.22 | 136 | 235 | 20.00 | ng | | 0.08 |
| 38) Acenaphthene-d10 | 0.00 | 164 | 0 | 0.00 | ng | | -9.90 |
| 63) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng | | -11.38 |
| 75) Chrysene-d12 | 14.01 | 240 | 308 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.45 | 264 | 501 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 0.00 | 112 | 0 | 0.00 | ng | | |
| 7) Phenol-d6 | 0.00 | 99 | 0 | 0.00 | ng | | |
| 23) Nitrobenzene-d5 | 0.00 | 82 | 0 | 0.00 | ng | | |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng | | |
| 44) 2-Fluorobiphenyl | 0.00 | 172 | 0 | 0.00 | ng | | |
| 78) Terphenyl-d14 | 12.96 | 244 | 632 | 49.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 30) 1,2,4-Trichlorobenzene | 8.23 | 180 | 260 | 72.57 | ng | # | 13 |
| 31) Naphthalene | 8.22 | 128 | 221 | 18.63 | ng | # | 68 |
| 76) Benzidine | 12.72 | 184 | 501900 | 48457.28 | ng | | 98 |
| 77) Pyrene | 12.60 | 202 | 329 | 14.88 | ng | # | 57 |
| 79) Butylbenzylphthalate | 13.44 | 149 | 307 | 29.12 | ng | # | 36 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 206 | 11.52 | ng | # | 51 |
| 82) Chrysene | 14.04 | 228 | 239 | 13.89 | ng | # | 49 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 1823 | 139.20 | ng | # | 79 |
| 84) Di-n-octyl phthalate | 14.61 | 149 | 592 | 27.74 | ng | # | 78 |
| 85) Indeno(1,2,3-cd)pyrene | 16.85 | 276 | 698 | 48.56 | ng | # | 47 |
| 87) Benzo(b)fluoranthene | 15.03 | 252 | 1106 | 33.83 | ng | # | 1 |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 1106 | 41.07 | ng | # | 1 |
| 89) Benzo(a)pyrene | 15.39 | 252 | 581 | 20.96 | ng | # | 2 |
| 90) Dibenzo(a,h)anthracene | 16.86 | 278 | 246 | 10.64 | ng | # | 1 |
| 91) Benzo(g,h,i)perylene | 17.26 | 276 | 237 | 10.59 | ng | # | 49 |

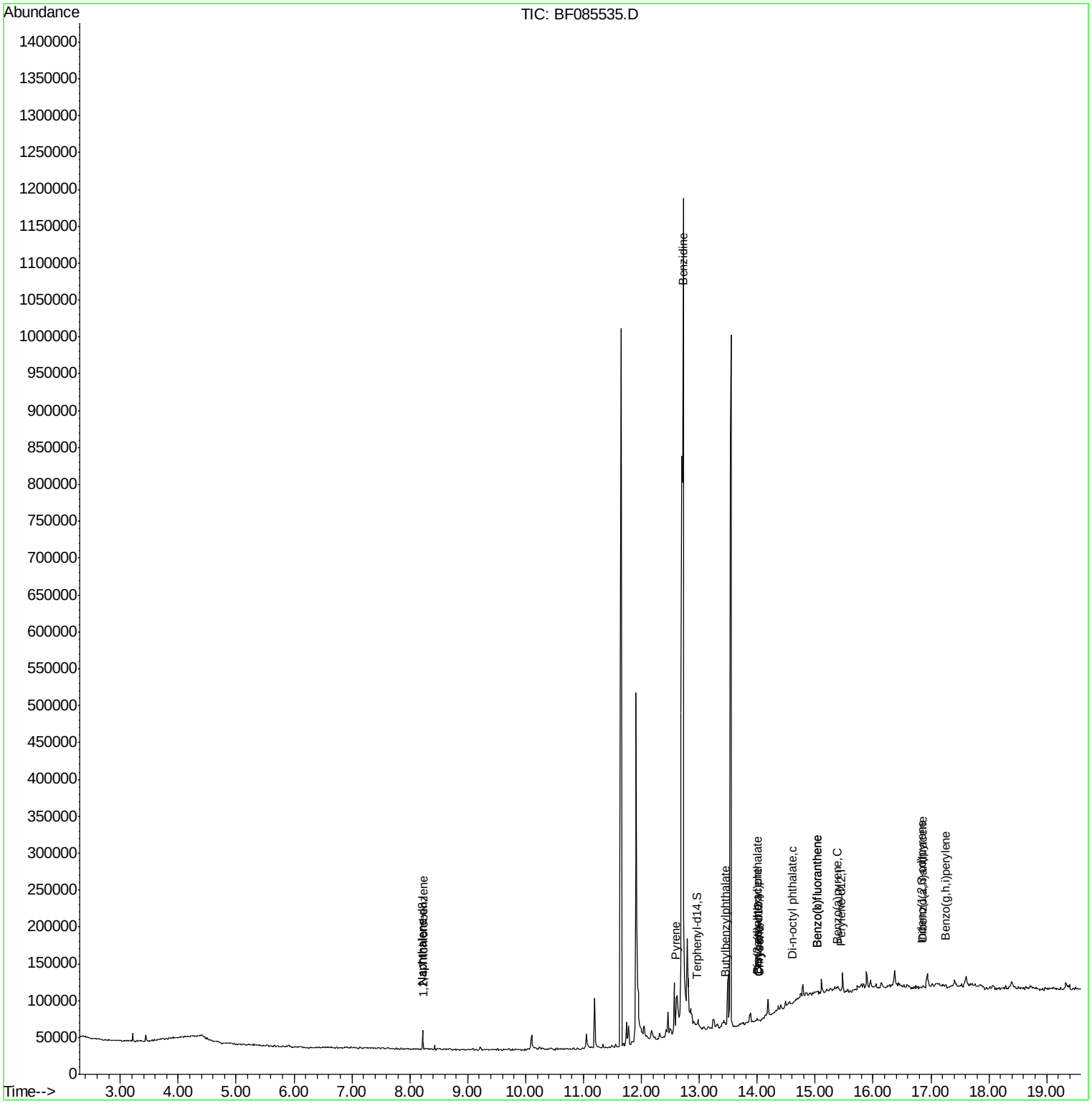
(#) = qualifier out of range (m) = manual integration (+) = signals summed

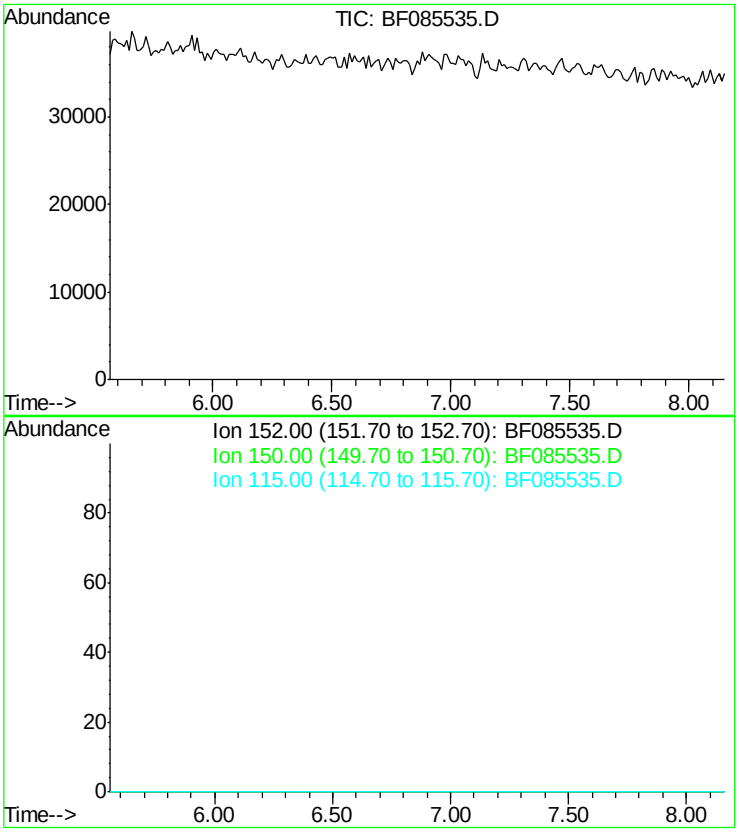
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085535.D
Acq On : 18 Mar 2016 15:14
Operator : UM/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 20 23:57:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





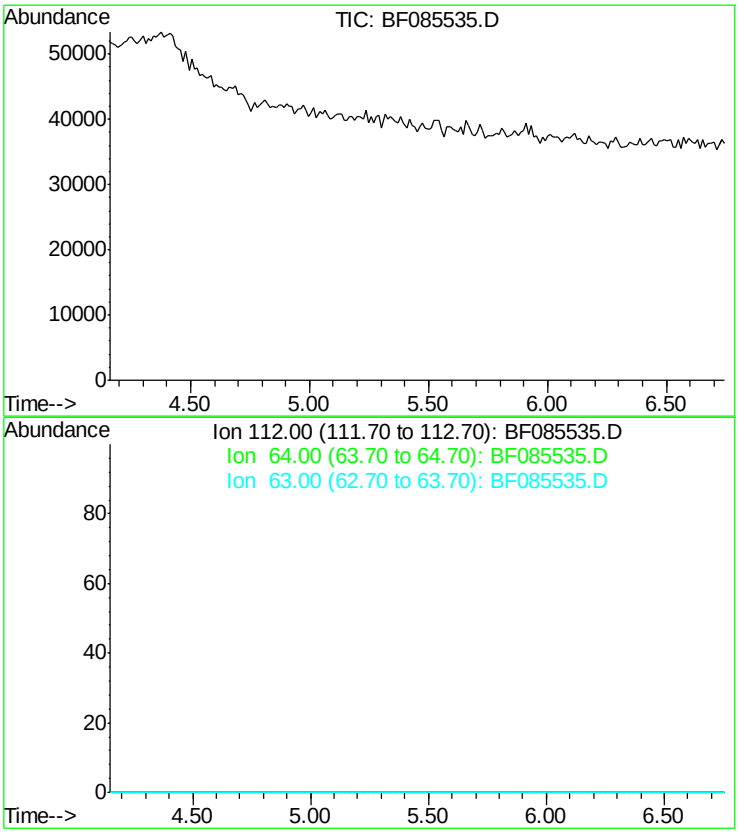

#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.86 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion: 152

| Sig | Exp Ratio |
|---|---|
| 152 | 100 |
| 150 | 155.2 |
| 115 | 58.8 |

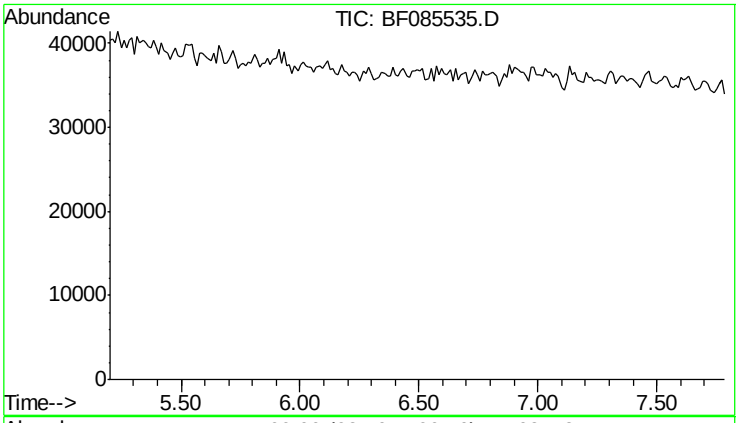



#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.45 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 49.9 |
| 63 | 25.2 |



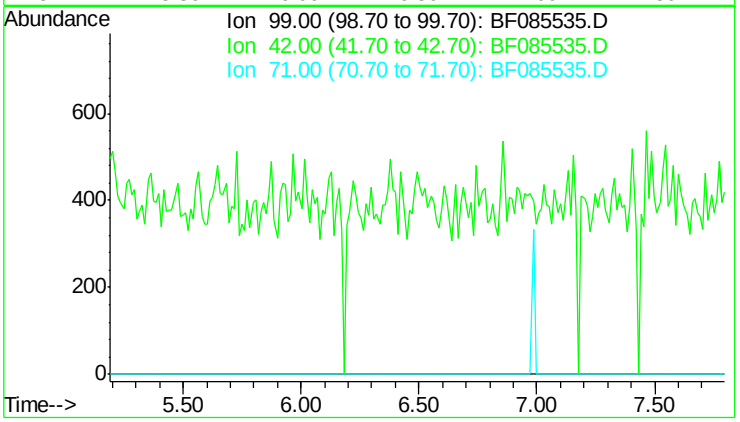

#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.49 min

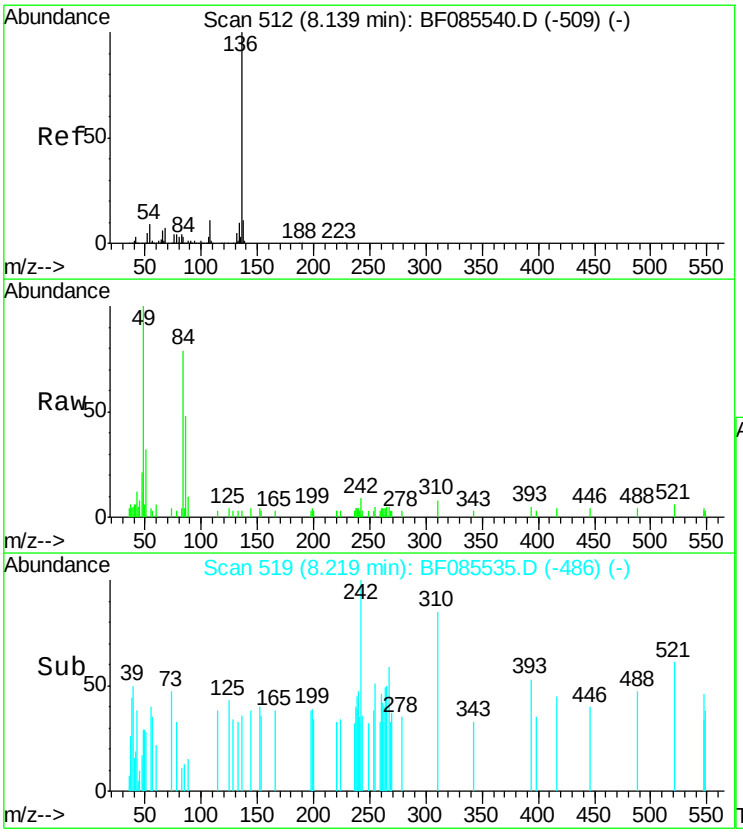
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 99

| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 13.9 |
| 71 | 31.1 |

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

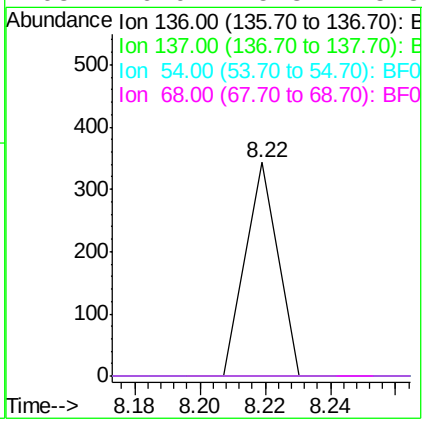


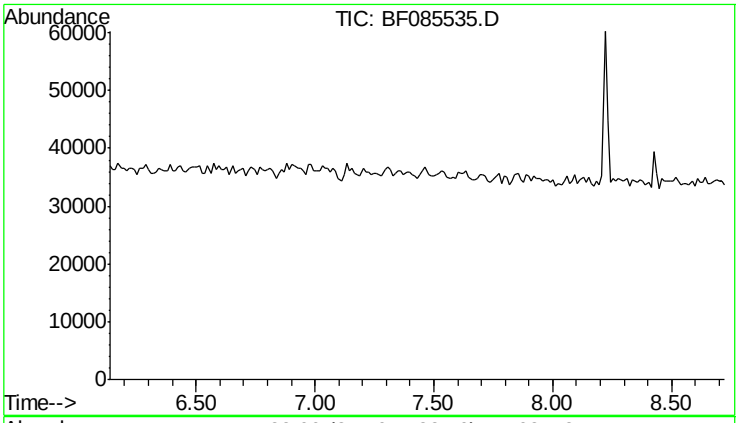



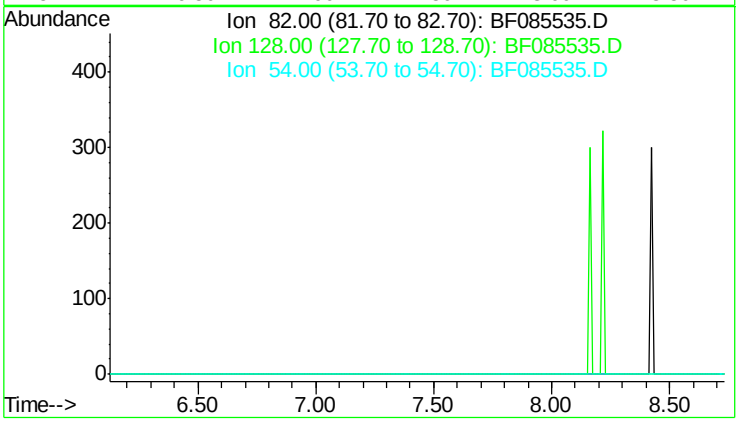

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.08 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:136 Resp: 235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 0.0 | 9.1 | 13.7# |
| 54 | 0.0 | 7.4 | 11.0# |
| 68 | 0.0 | 5.8 | 8.8# |





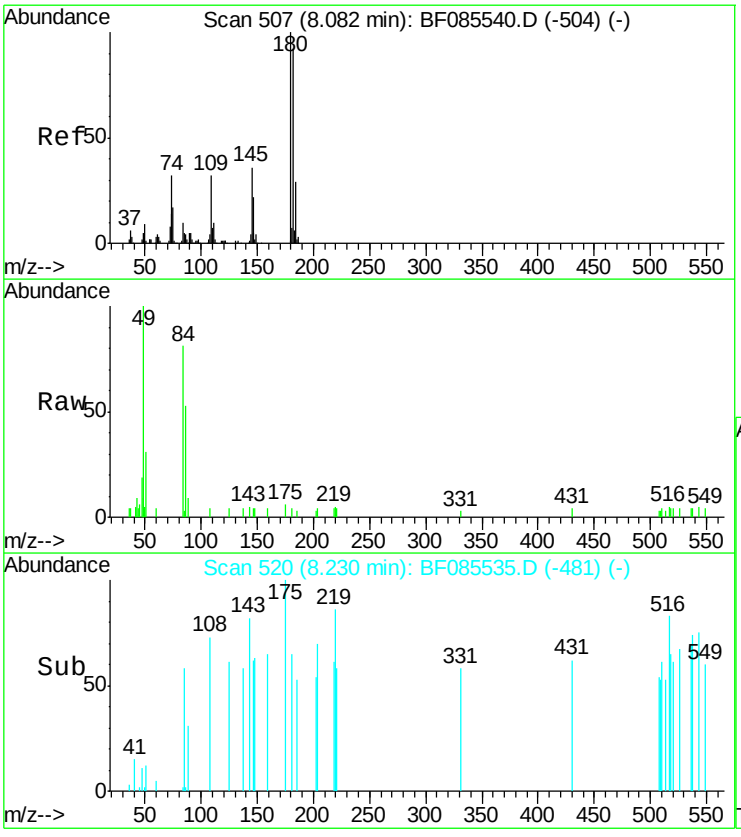

#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.43 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 52.3 |
| 54 | 41.7 |

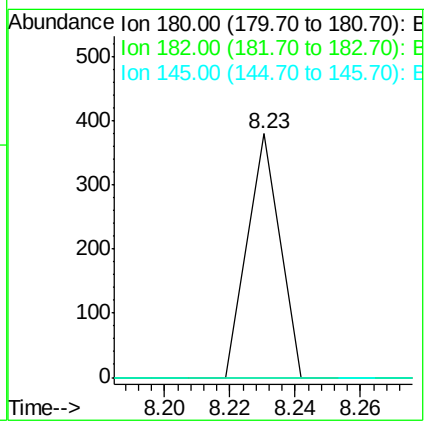
**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

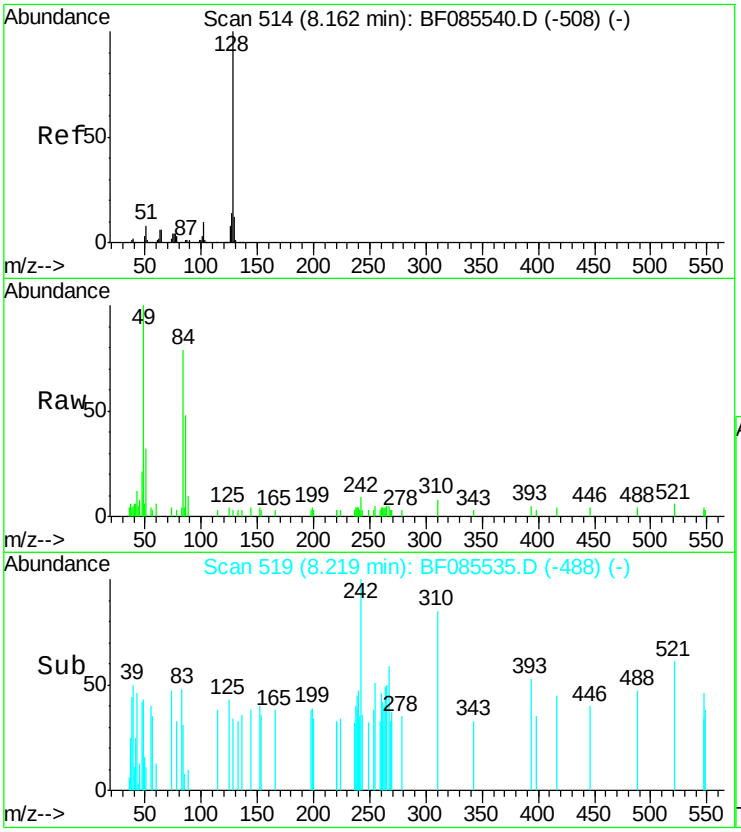



#30
1,2,4-Trichlorobenzene
Concen: 72.57 ng
RT: 8.23 min Scan# 520
Delta R.T. 0.15 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:180 Resp: 260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 73.8 | 110.8# |
| 145 | 0.0 | 28.4 | 42.6# |



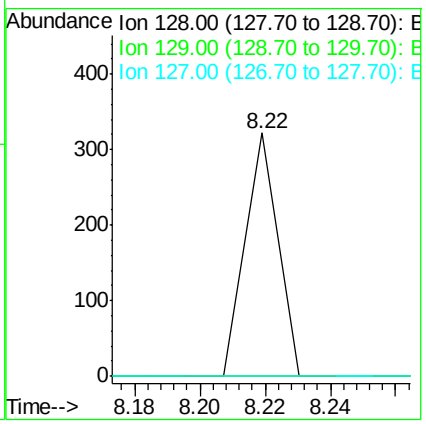


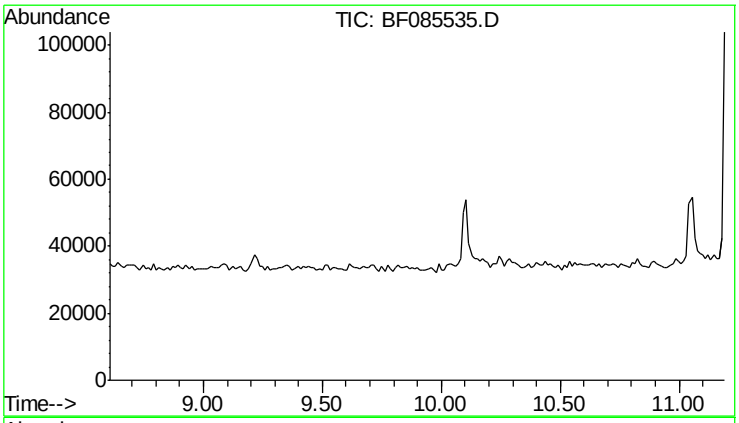

#31
Naphthalene
Concen: 18.63 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.06 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:128 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 9.4 | 14.0# |
| 127 | 0.0 | 11.0 | 16.6# |



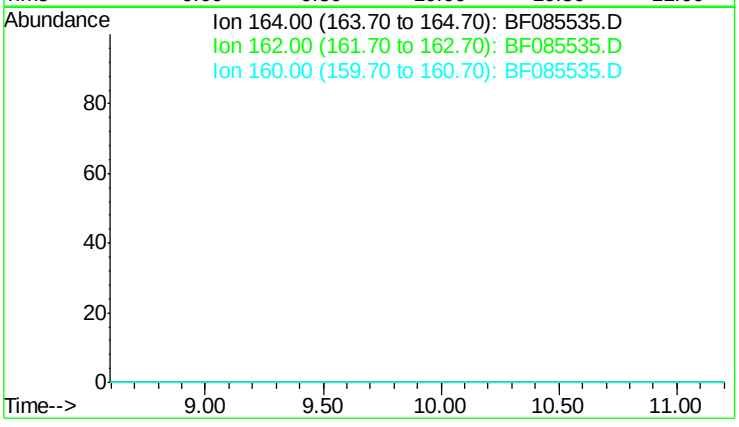



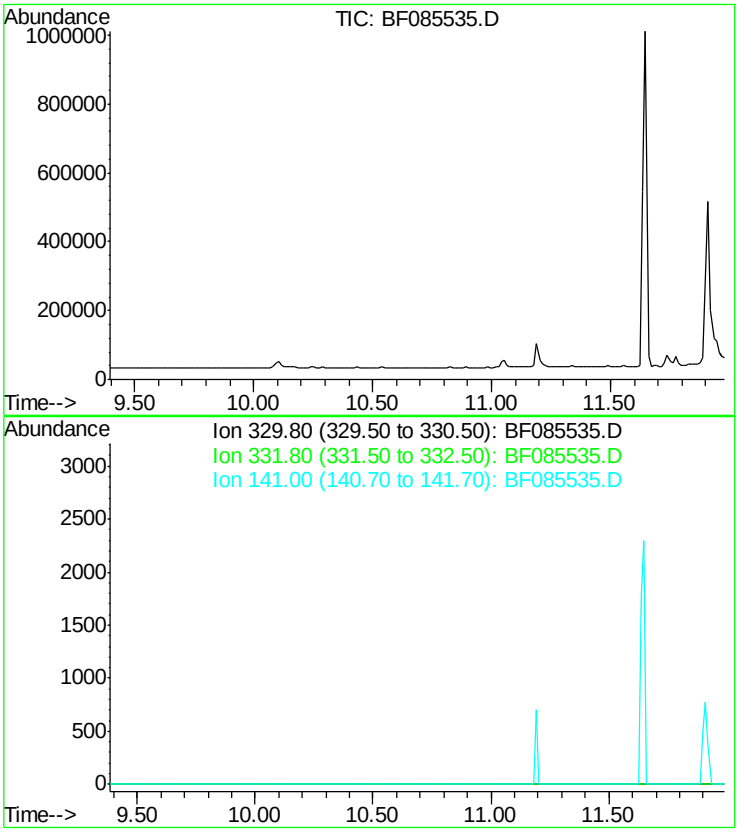

#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 9.90 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 164

| Sig | Exp Ratio |
|---|---|
| 164 | 100 |
| 162 | 102.6 |
| 160 | 46.8 |





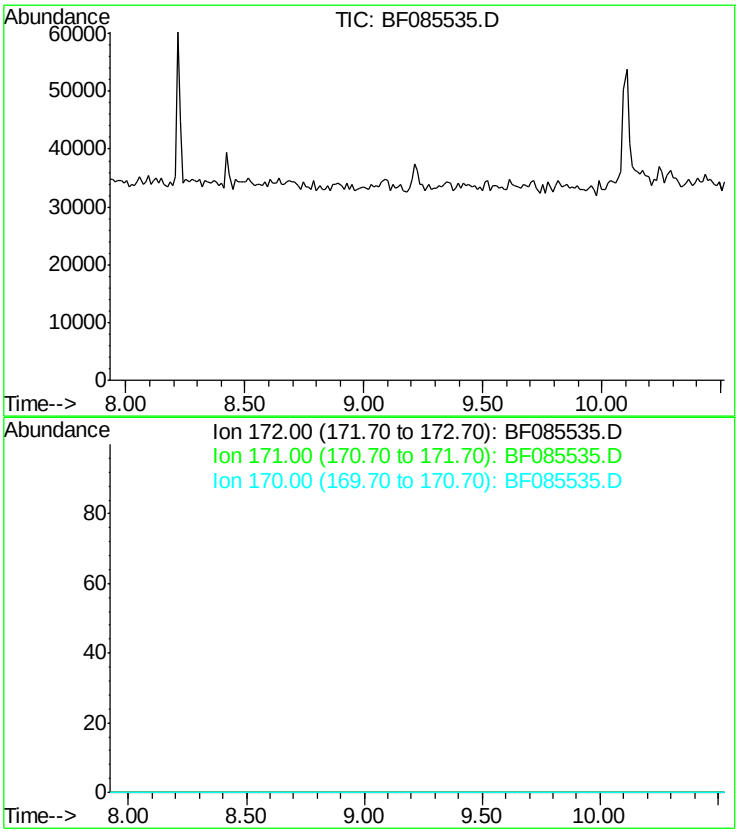

#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.69 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 97.7 |
| 141 | 39.4 |

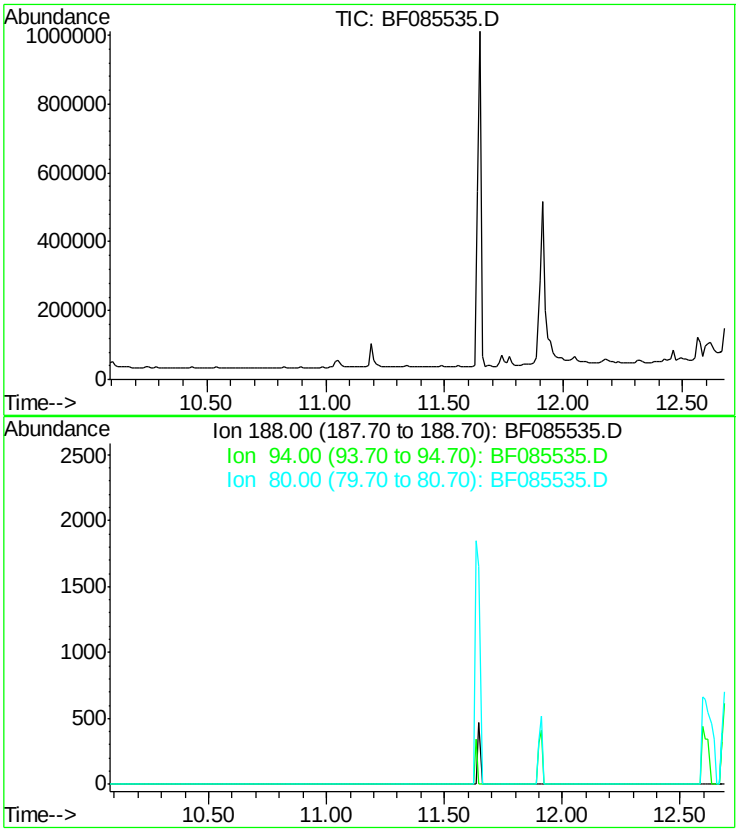



#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.22 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 172

| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 36.8 |
| 170 | 24.7 |



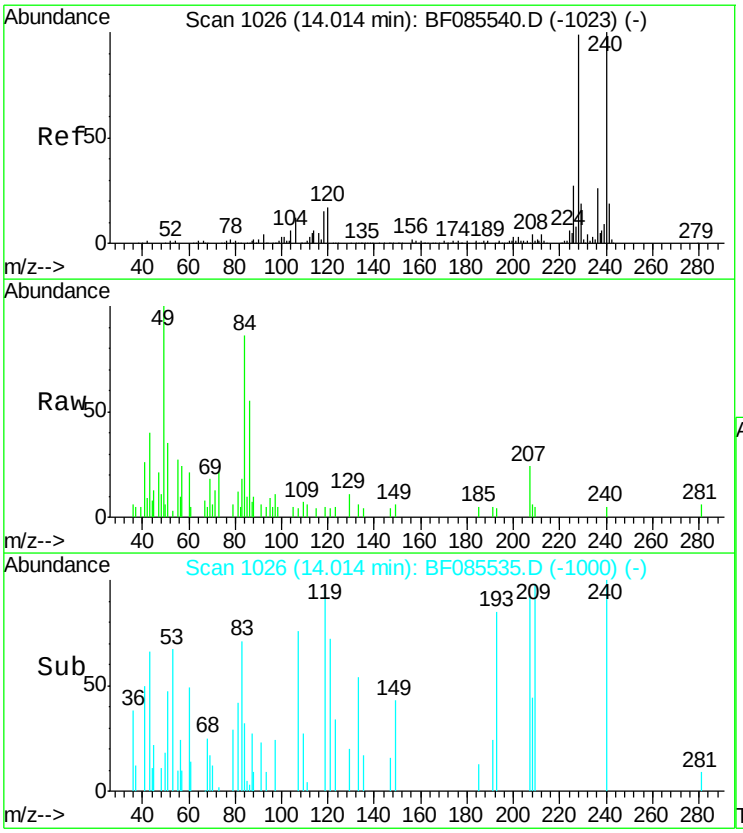

#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 11.38 min

Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion: 188

| Sig | Exp Ratio |
|---|---|
| 188 | 100 |
| 94 | 6.7 |
| 80 | 6.9 |

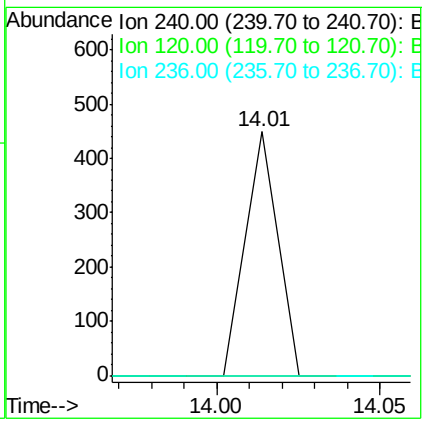
**Instrument :**
BNA_F
**ClientSampleId :**
DFTPP

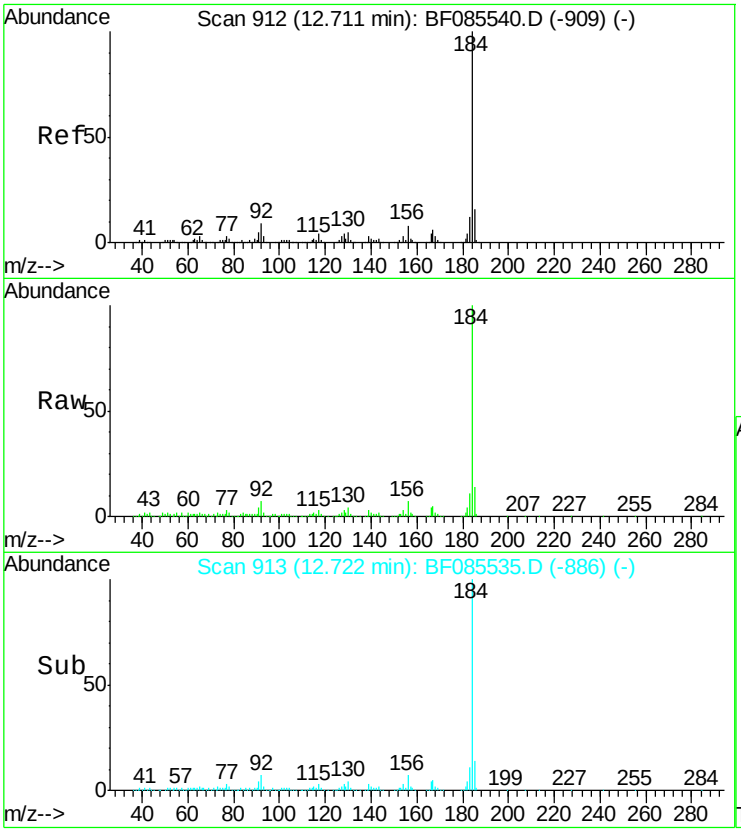



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:240 Resp: 308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 0.0 | 13.8 | 20.8# |
| 236 | 0.0 | 20.6 | 30.8# |



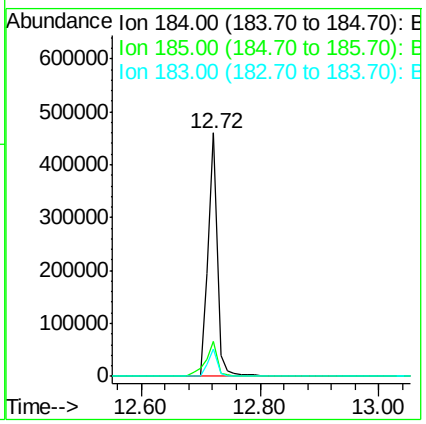


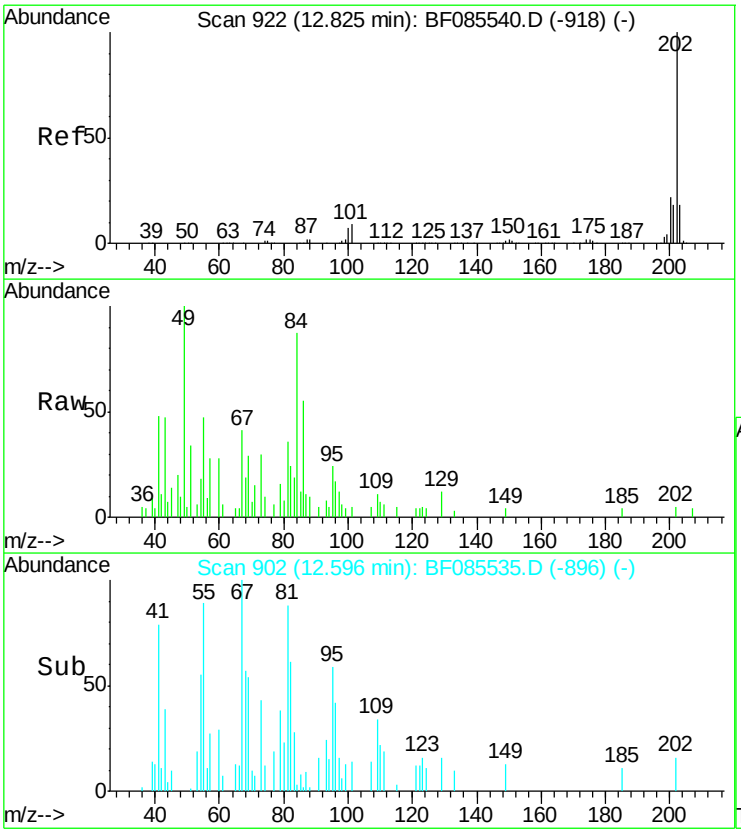

#76
Benzidine
Concen: 48457.28 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:184 Resp: 501900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 12.4 | 18.6 |
| 183 | 11.4 | 9.4 | 14.2 |

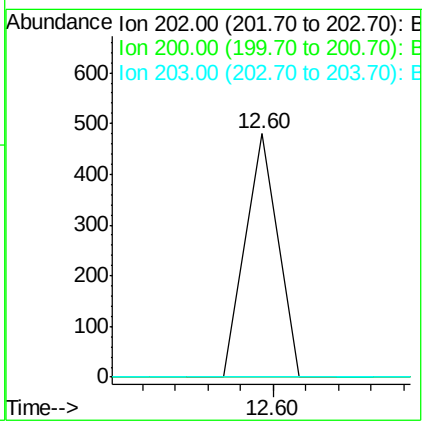


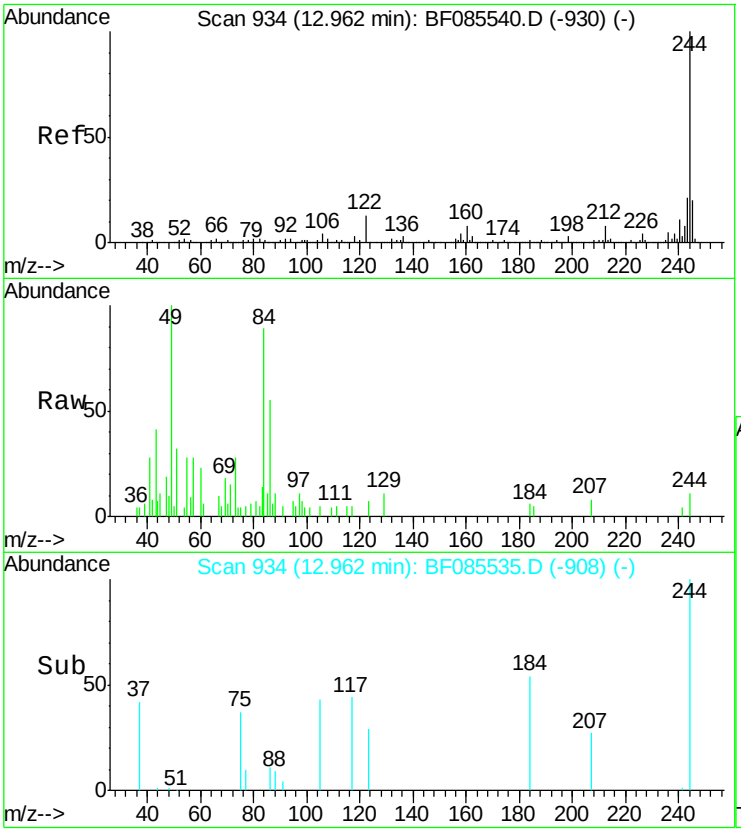




#77
Pyrene
Concen: 14.88 ng
RT: 12.60 min Scan# 902
Delta R.T. -0.23 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:202 Resp: 329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 0.0 | 17.6 | 26.4# |
| 203 | 0.0 | 14.0 | 21.0# |



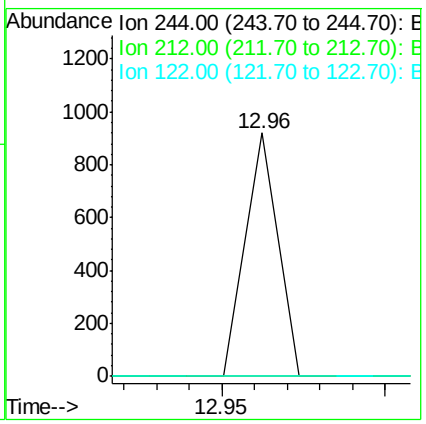


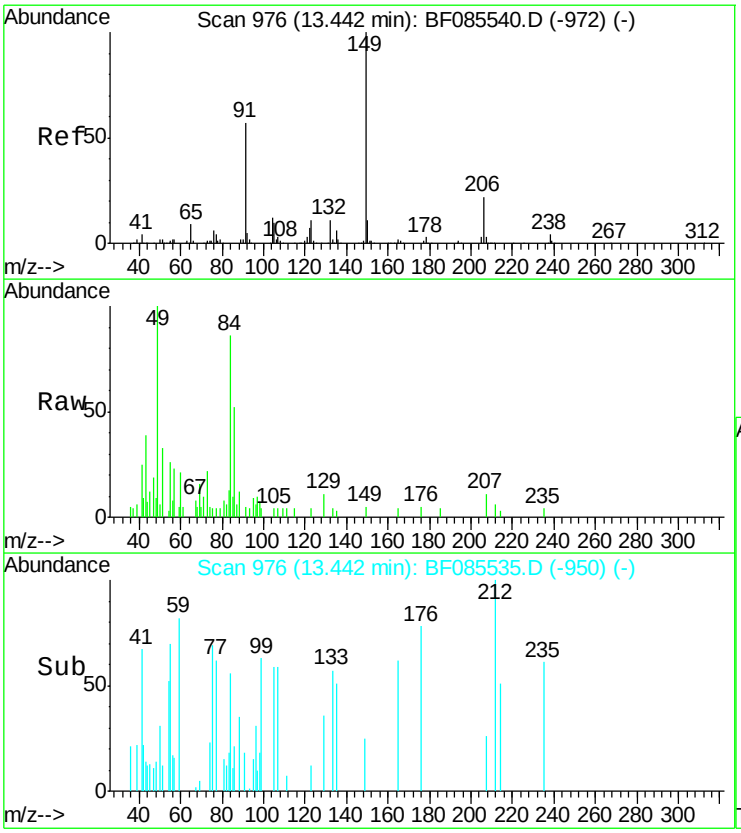

#78
Terphenyl-d14
Concen: 49.38 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:244 Resp: 632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 0.0 | 6.1 | 9.1# |
| 122 | 0.0 | 10.2 | 15.4# |

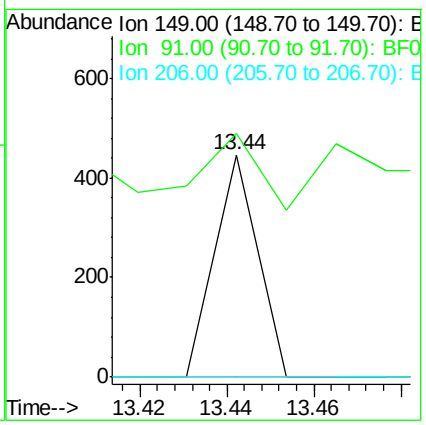


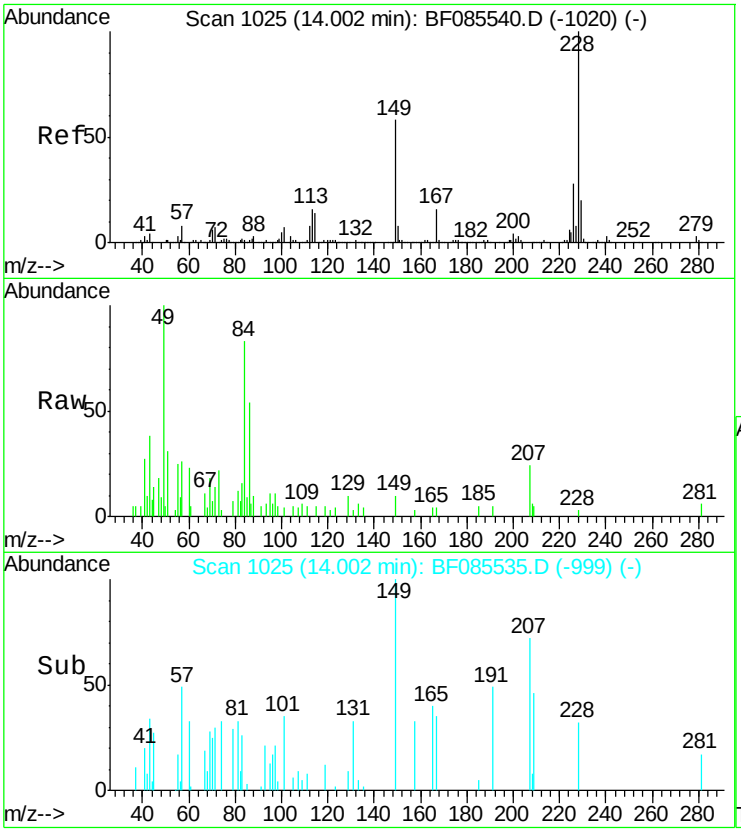




#79
Butylbenzylphthalate
Concen: 29.12 ng
RT: 13.44 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:149 Resp: 307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 109.4 | 45.8 | 68.8# |
| 206 | 0.0 | 17.8 | 26.8# |



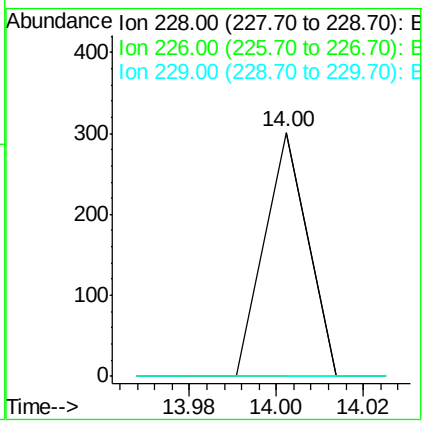


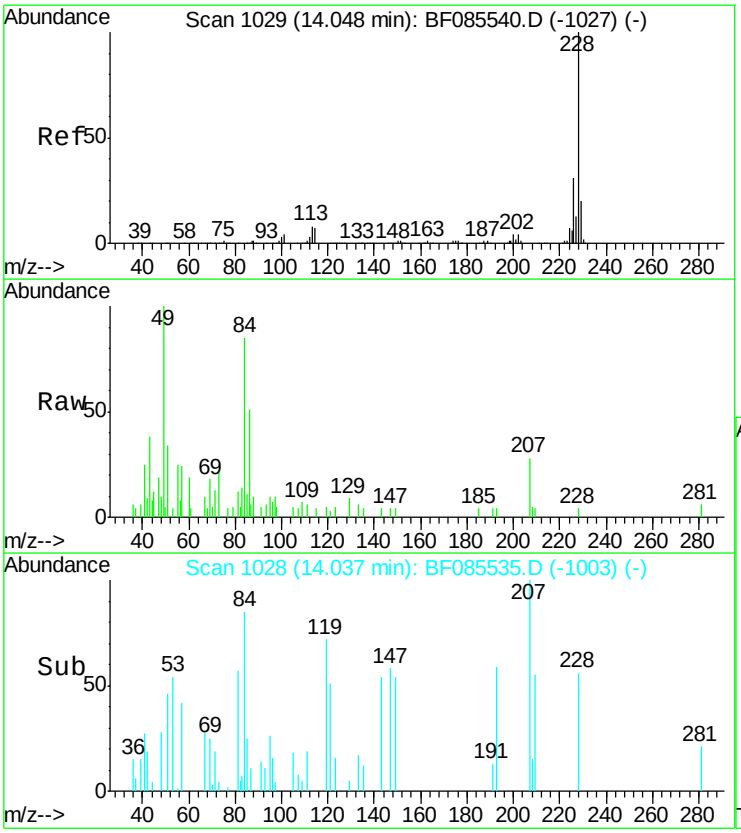

#80
Benzo(a)anthracene
Concen: 11.52 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:228 Resp: 206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 22.1 | 33.1# |
| 229 | 0.0 | 16.2 | 24.4# |

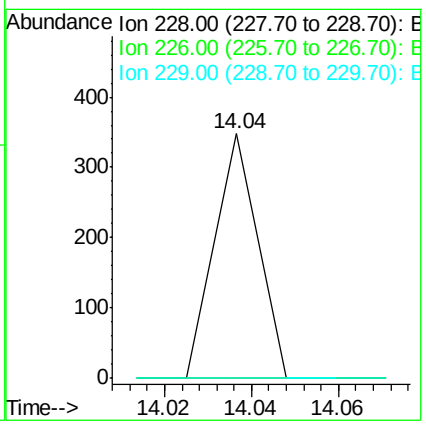


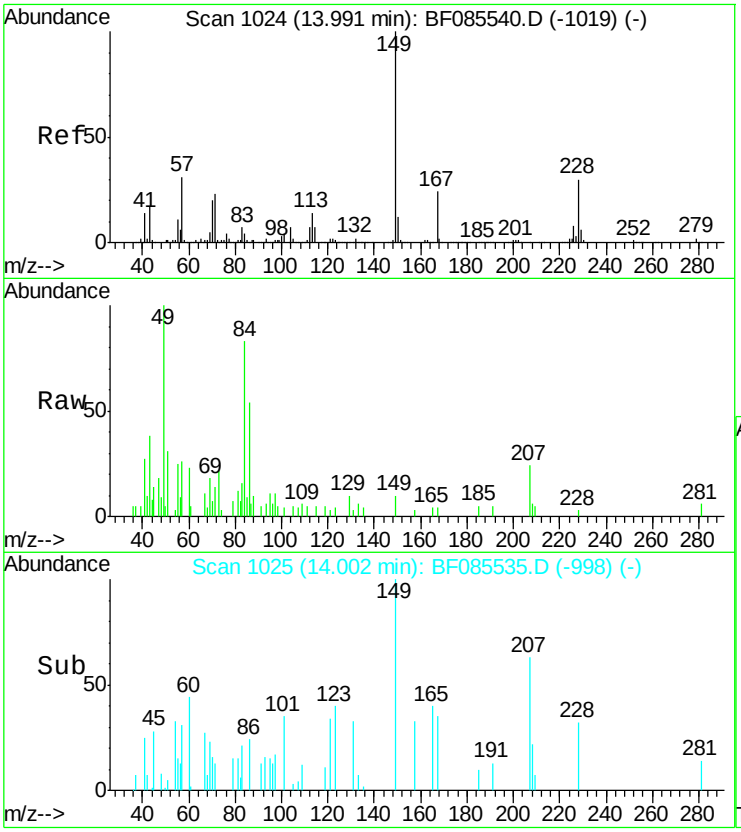




#82
Chrysene
Concen: 13.89 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:228 Resp: 239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 25.0 | 37.6# |
| 229 | 0.0 | 15.7 | 23.5# |



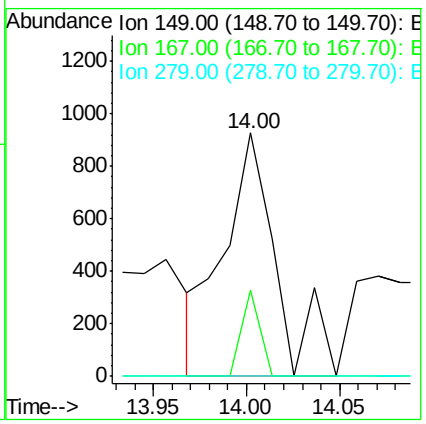


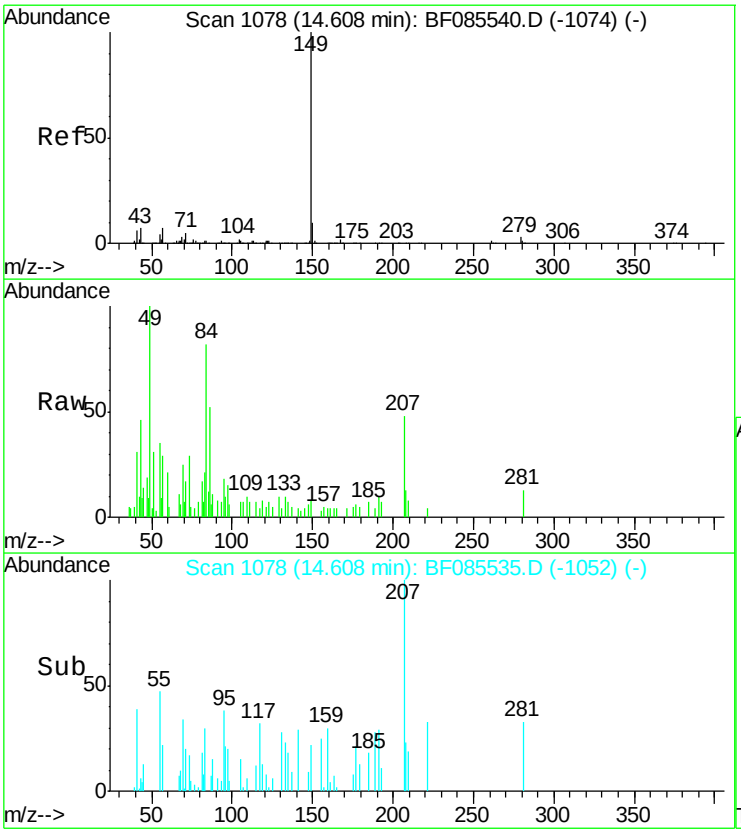

#83
Bis(2-ethylhexyl)phthalate
Concen: 139.20 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:149 Resp: 1823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 35.3 | 19.4 | 29.2# |
| 279 | 0.0 | 1.5 | 2.3# |

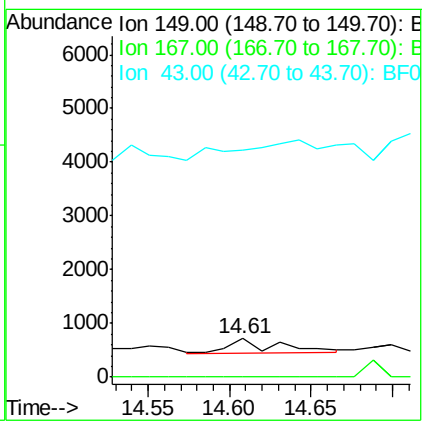


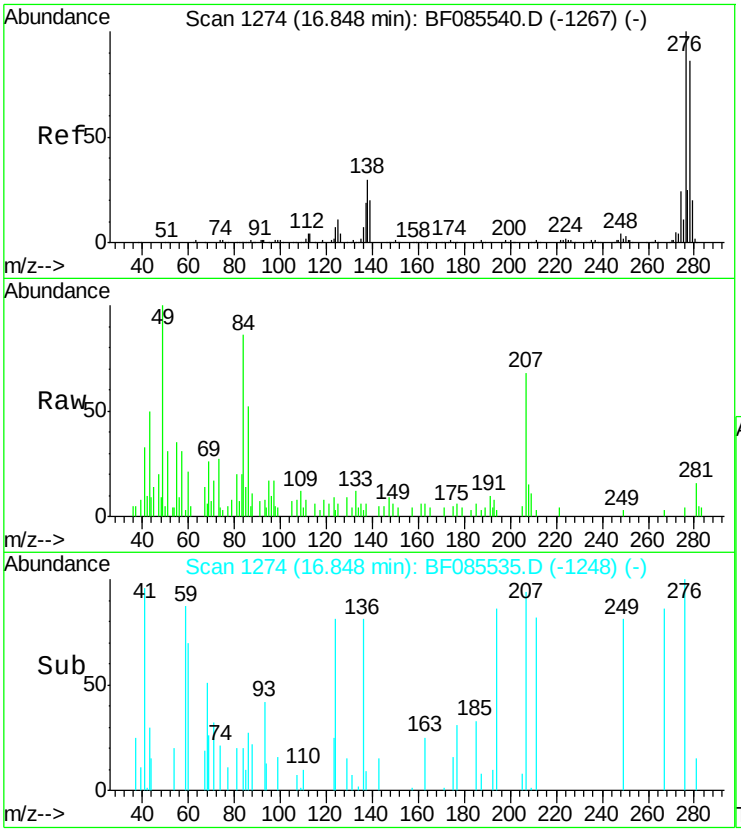




#84
Di-n-octyl phthalate
Concen: 27.74 ng
RT: 14.61 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:149 Resp: 592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.2 | 1.8# |
| 43 | 0.0 | 7.1 | 10.7# |



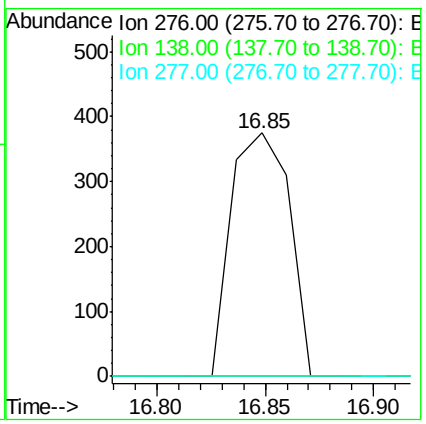


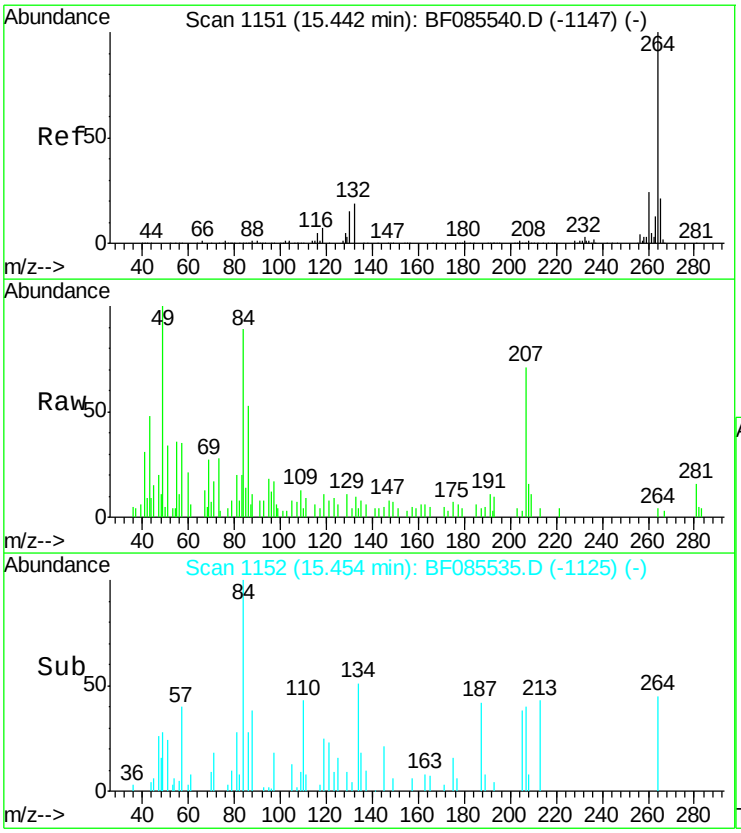

#85
Indeno(1,2,3-cd)pyrene
Concen: 48.56 ng
RT: 16.85 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:276 Resp: 698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 24.2 | 36.4# |
| 277 | 0.0 | 20.0 | 30.0# |

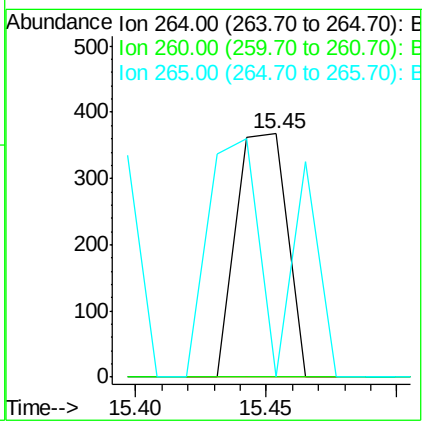


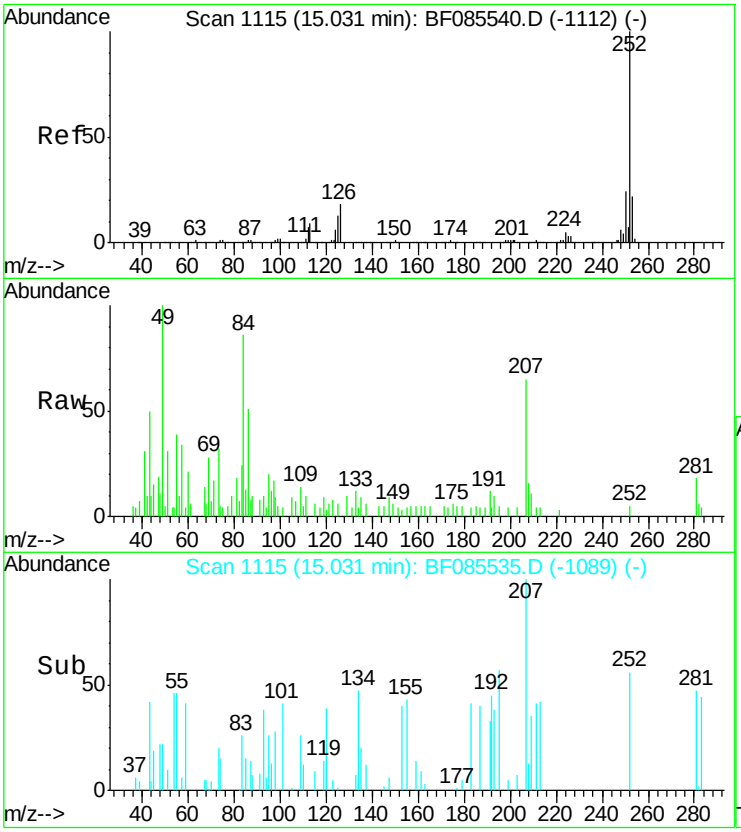




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:264 Resp: 501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 0.0 | 19.4 | 29.2# |
| 265 | 0.0 | 17.2 | 25.8# |



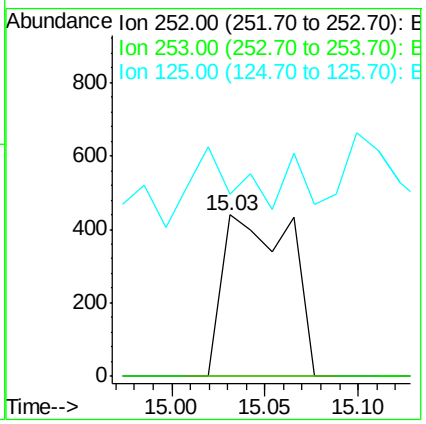


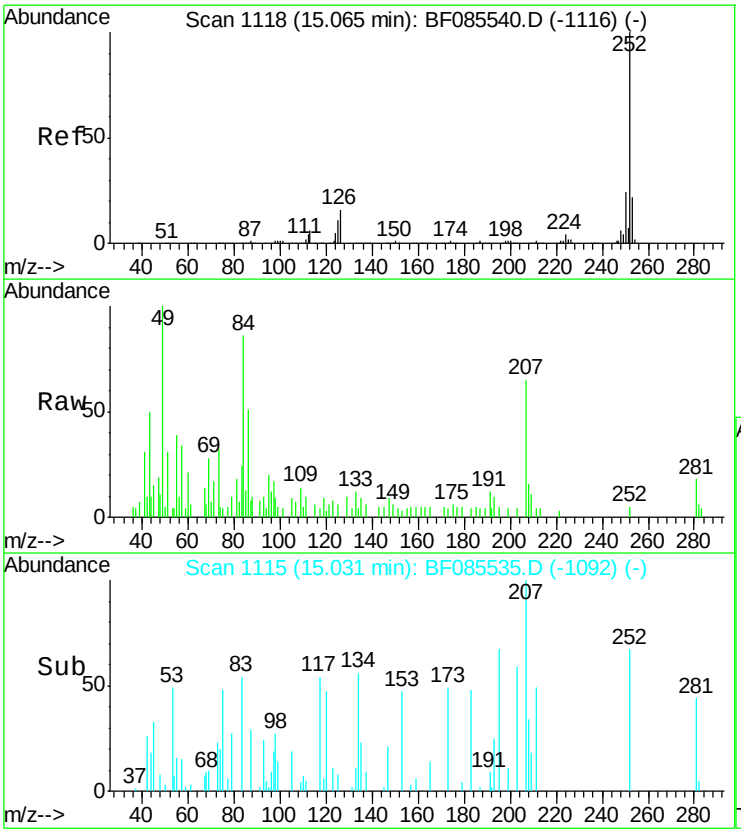

#87
Benzo(b)fluoranthene
Concen: 33.83 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:252 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.6 | 26.4# |
| 125 | 113.0 | 10.3 | 15.5# |

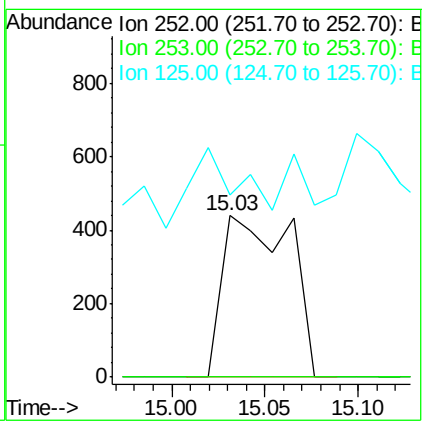


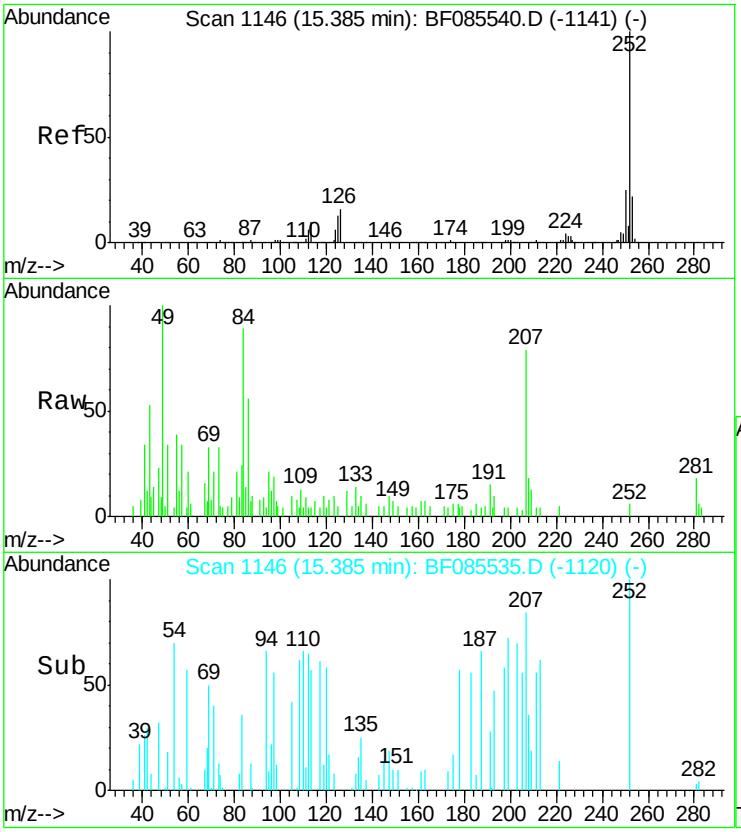




#88
Benzo(k)fluoranthene
Concen: 41.07 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:252 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.8 | 26.6# |
| 125 | 113.0 | 7.7 | 11.5# |



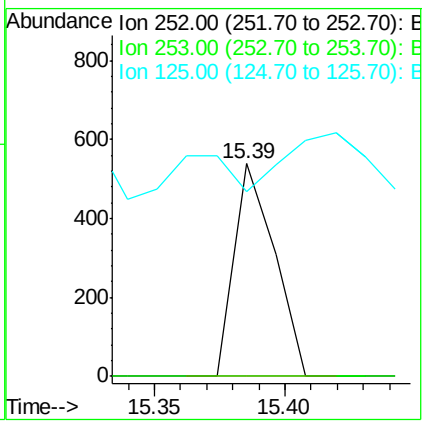


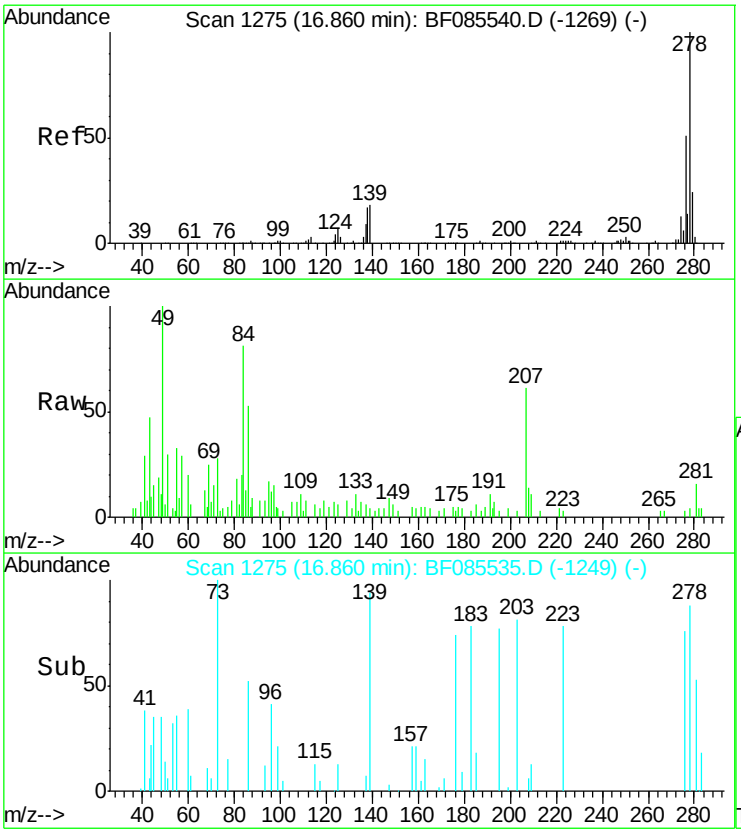

#89
Benzo(a)pyrene
Concen: 20.96 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:252 Resp: 581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.4 | 26.0# |
| 125 | 86.8 | 10.3 | 15.5# |

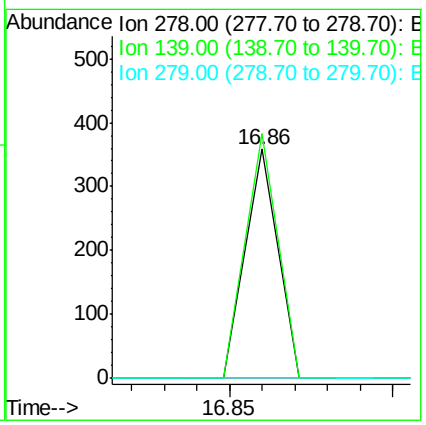


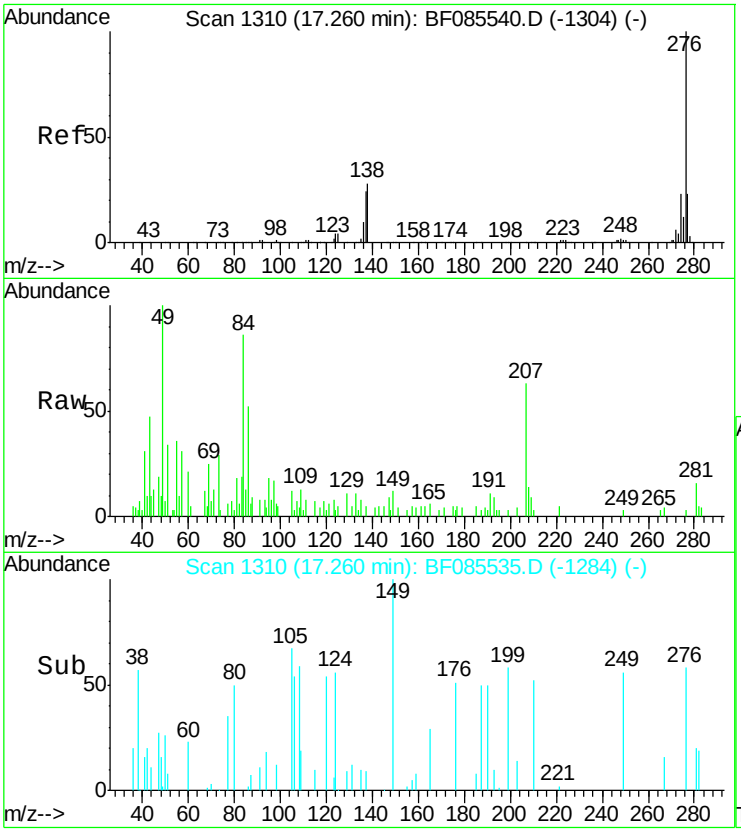




#90
Dibenzo(a,h)anthracene
Concen: 10.64 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

Tgt Ion:278 Resp: 246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 106.7 | 14.4 | 21.6# |
| 279 | 0.0 | 19.1 | 28.7# |






#91
Benzo(g,h,i)perylene
Concen: 10.59 ng
RT: 17.26 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF085535.D
Acq: 18 Mar 2016 15:14

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

Tgt Ion:276 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 0.0 | 18.8 | 28.2# |
| 138 | 0.0 | 22.6 | 34.0# |