Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087469.D
Acq On : 28 May 2016 6:03
Operator : UM/SJ
Sample : H3191-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CHS-STA-1696(0-4)

Quant Time: May 28 06:36:34 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 | 105047 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 9.52 | 136 | 427604 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 12.34 | 164 | 185059 | 20.00 | ng | | -0.05 |
| 63) Phenanthrene-d10 | 14.74 | 188 | 289028 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 18.47 | 240 | 219817 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 20.14 | 264 | 179354 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 616492 | 103.12 | ng | | -0.03 |
| 7) Phenol-d6 | 7.04 | 99 | 869048 | 107.58 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 8.40 | 82 | 595139 | 70.14 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 13.63 | 330 | 151223 | 85.03 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 11.29 | 172 | 952921 | 72.59 | ng | | -0.05 |
| 78) Terphenyl-d14 | 17.11 | 244 | 667658 | 64.57 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.63 | 88 | 47472 | 15.05 | ng | # | 22 |
| 19) n-Nitroso-di-n-propylamine | 8.40 | 70 | 82859 | 13.75 | ng | # | 76 |
| 31) Naphthalene | 9.55 | 128 | 99019 | 4.62 | ng | | 99 |
| 32) Benzoic acid | 9.39 | 122 | 720 | 6.02 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 10.67 | 142 | 57892 | 4.32 | ng | # | 95 |
| 48) Acenaphthylene | 12.11 | 152 | 183725 | 9.74 | ng | | 98 |
| 49) Dimethylphthalate | 11.99 | 163 | 168526 | 11.37 | ng | | 99 |
| 51) Acenaphthene | 12.39 | 154 | 121660 | 10.49 | ng | | 98 |
| 54) Dibenzofuran | 12.69 | 168 | 80650 | 5.14 | ng | | 98 |
| 57) Fluorene | 13.23 | 166 | 117240 | 8.61 | ng | | 96 |
| 70) Phenanthrene | 14.79 | 178 | 2267900 | 141.66 | ng | | 99 |
| 71) Anthracene | 14.87 | 178 | 763440 | 47.20 | ng | | 99 |
| 72) Carbazole | 15.17 | 167 | 153332 | 11.12 | ng | | 99 |
| 74) Fluoranthene | 16.57 | 202 | 4414929 | 275.00 | ng | | 97 |
| 77) Pyrene | 16.88 | 202 | 4028152 | 254.58 | ng | # | 92 |
| 80) Benzo(a)anthracene | 18.46 | 228 | 2196581 | 175.68 | ng | | 97 |
| 82) Chrysene | 18.50 | 228 | 1679147 | 135.31 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 21.36 | 276 | 831357 | 83.57 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 19.74 | 252 | 3025415 | 264.81 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 19.74 | 252 | 3025415 | 307.66 | ng | | 98 |
| 89) Benzo(a)pyrene | 19.84 | 252 | 355348 | 35.96 | ng | | 94 |
| 90) Dibenzo(a,h)anthracene | 21.49 | 278 | 185656 | 22.03 | ng | | 95 |
| 91) Benzo(g,h,i)perylene | 21.91 | 276 | 150099 | 18.05 | ng | | 91 |

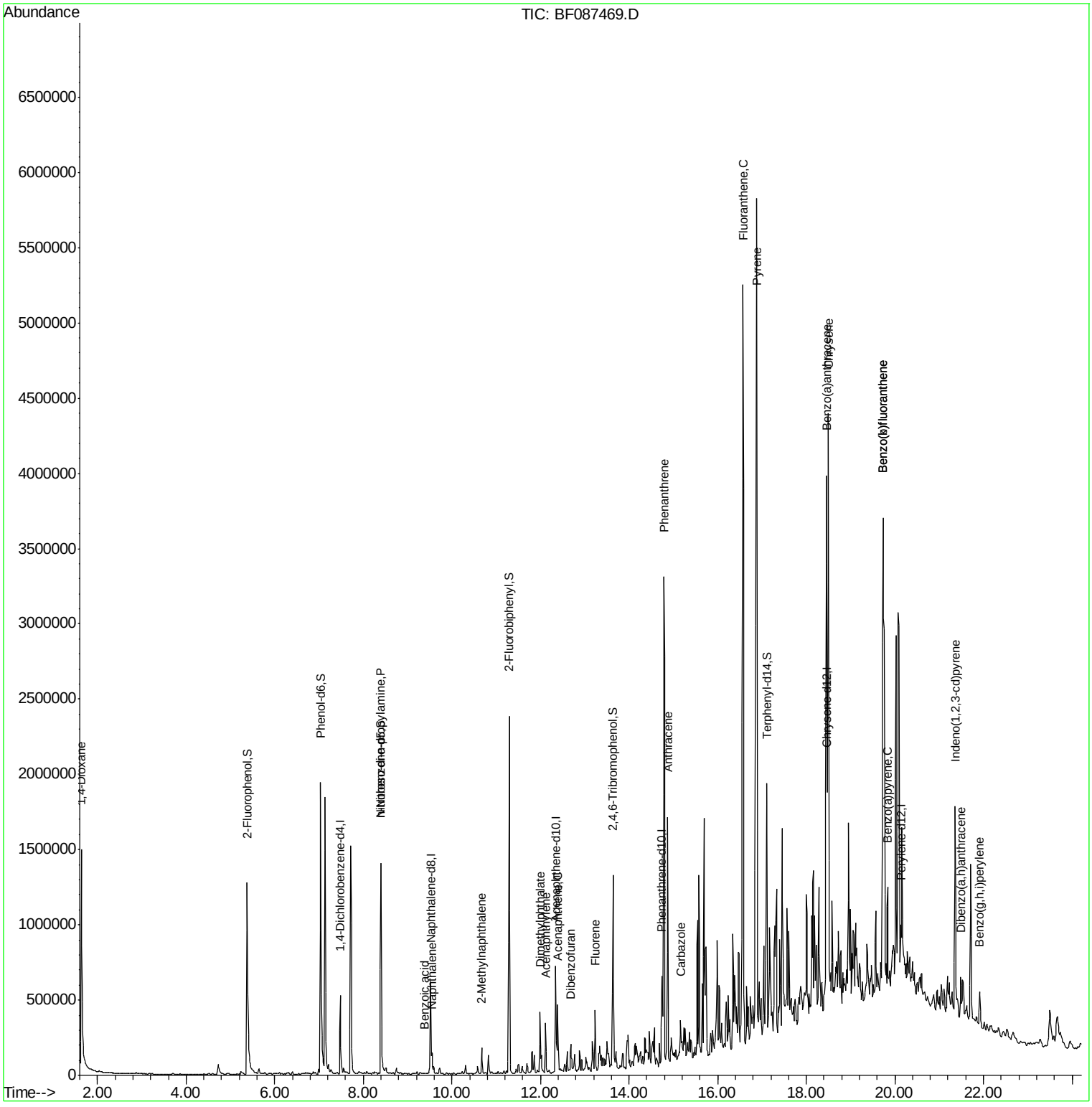
(#) = qualifier out of range (m) = manual integration (+) = signals summed

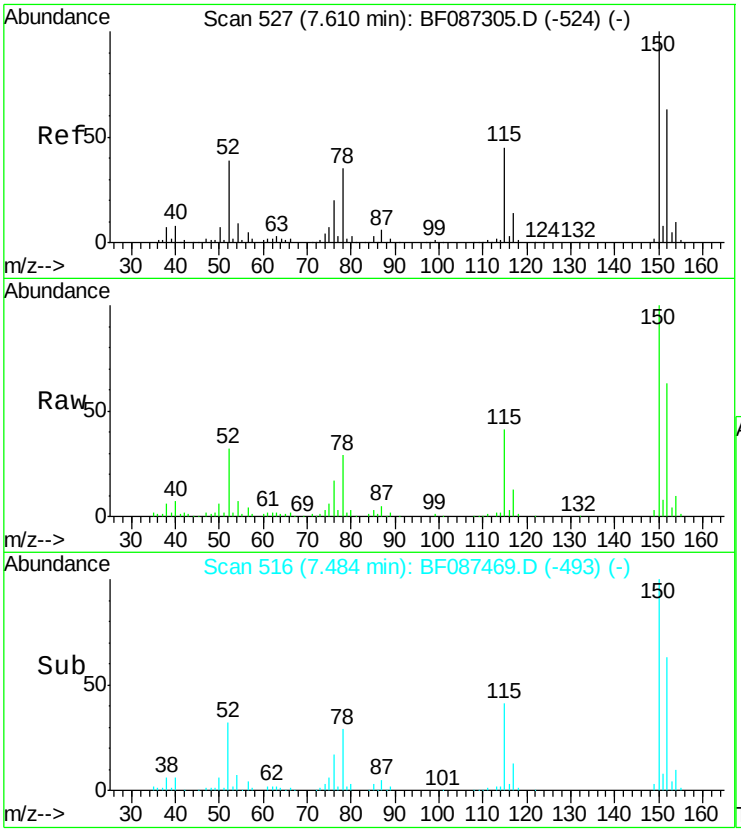
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087469.D
Acq On : 28 May 2016 6:03
Operator : UM/SJ
Sample : H3191-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Quant Time: May 28 06:36:34 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



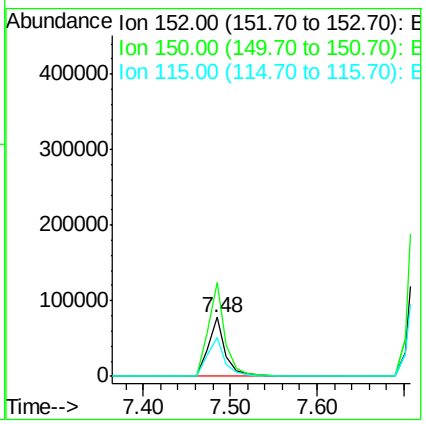


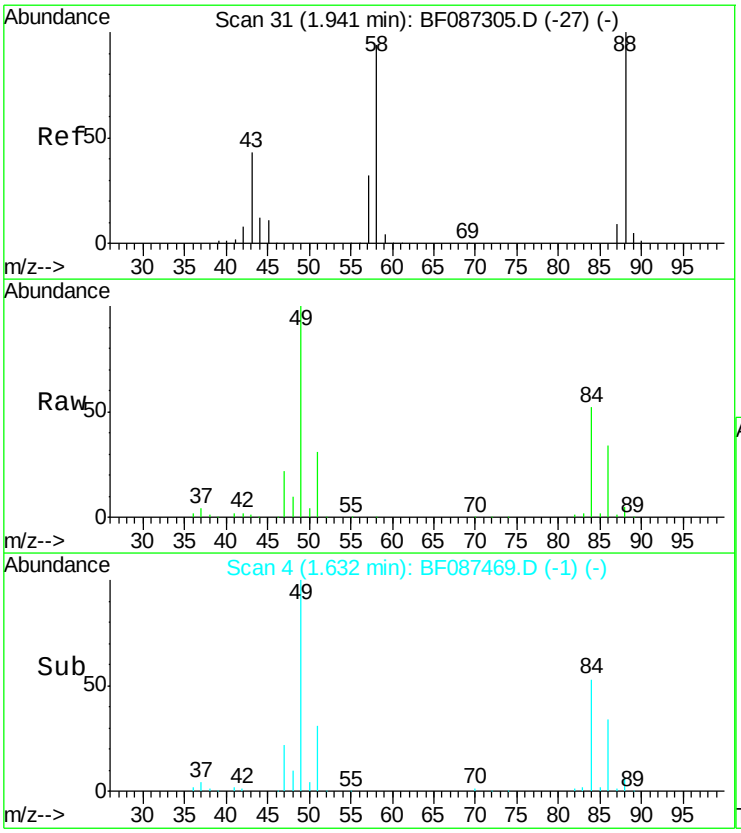

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:152 Resp: 105047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 125.8 | 188.6 |
| 115 | 66.2 | 51.5 | 77.3 |

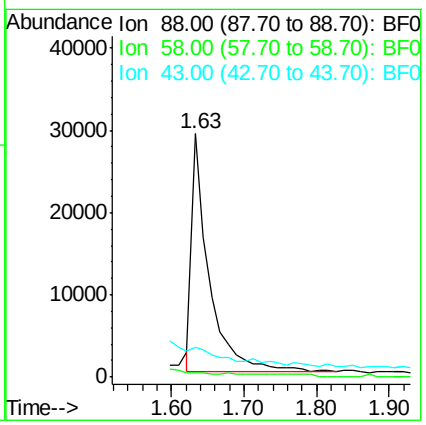


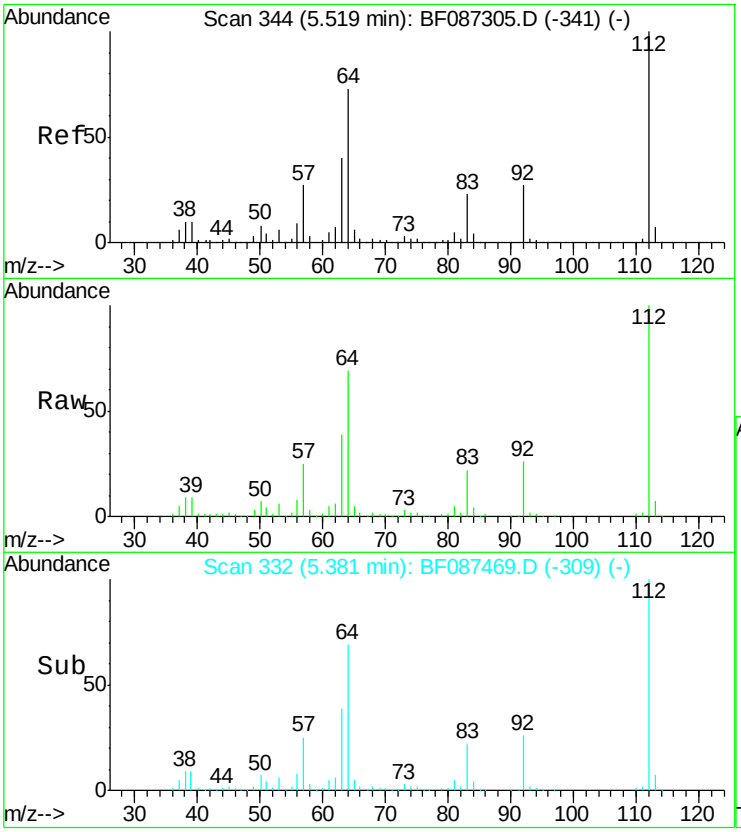




#2
1,4-Dioxane
Concen: 15.05 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.18 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion: 88 Resp: 47472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 59.6 | 89.4# |
| 43 | 0.0 | 21.8 | 32.6# |



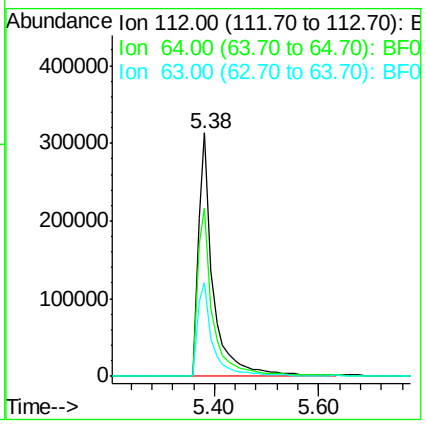


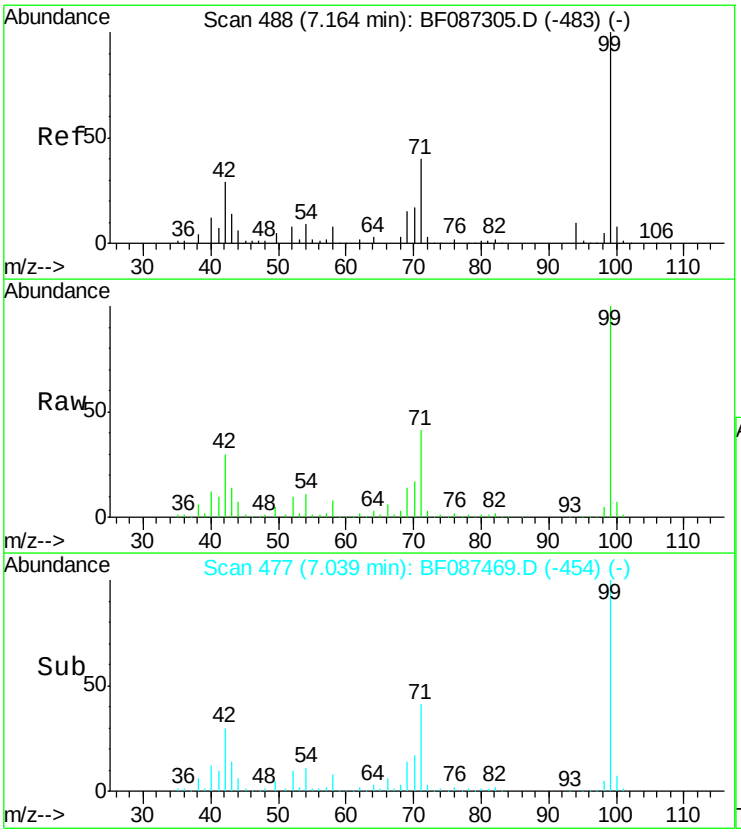

#5
2-Fluorophenol
Concen: 103.12 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:112 Resp: 616492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.8 | 52.1 | 78.1 |
| 63 | 38.5 | 25.7 | 38.5# |

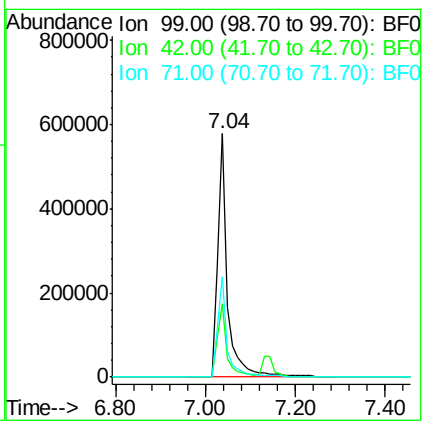


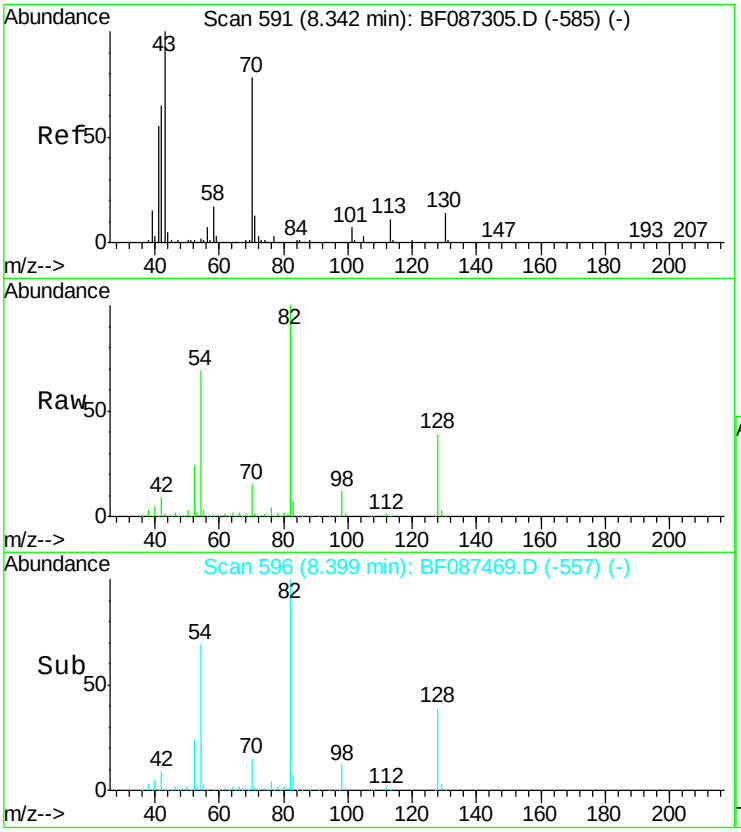




#7
Phenol-d6
Concen: 107.58 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion: 99 Resp: 869048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.0 | 13.6 | 20.4# |
| 71 | 40.9 | 24.6 | 36.8# |



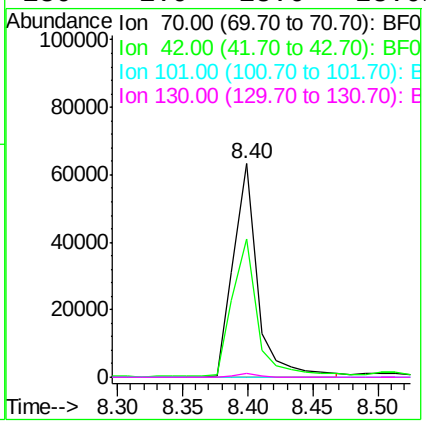


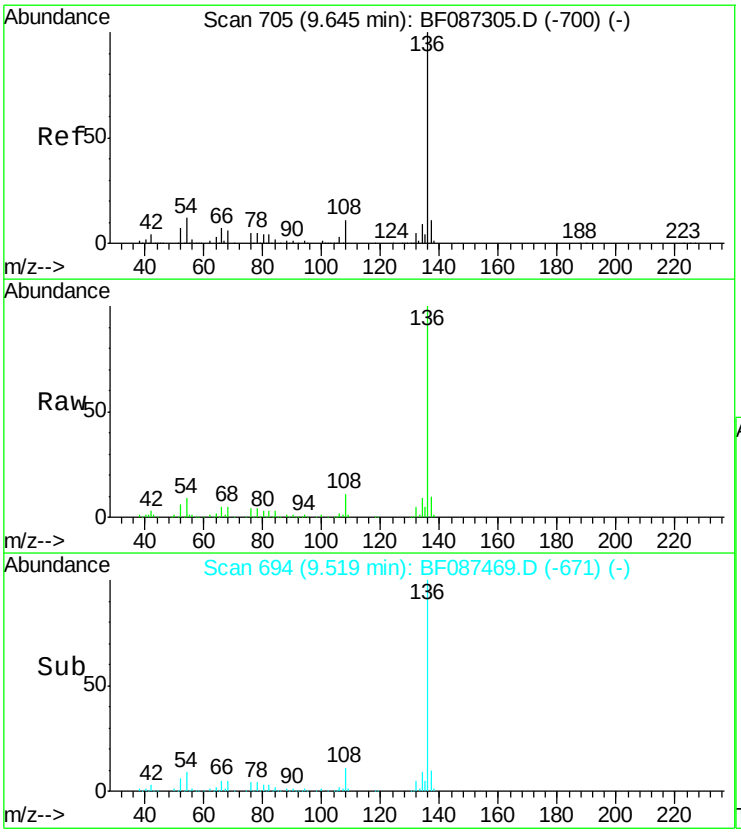

#19
n-Nitroso-di-n-propylamine
Concen: 13.75 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion: 70 Resp: 82859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.6 | 43.1 | 64.7 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 1.9 | 18.6 | 28.0# |

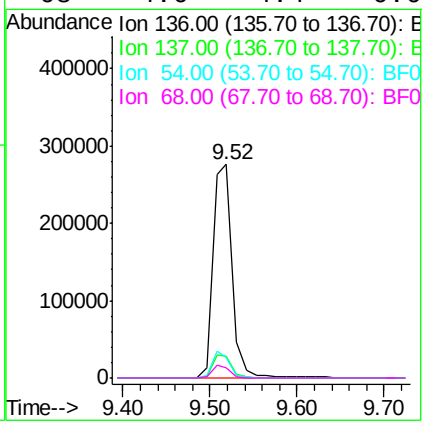


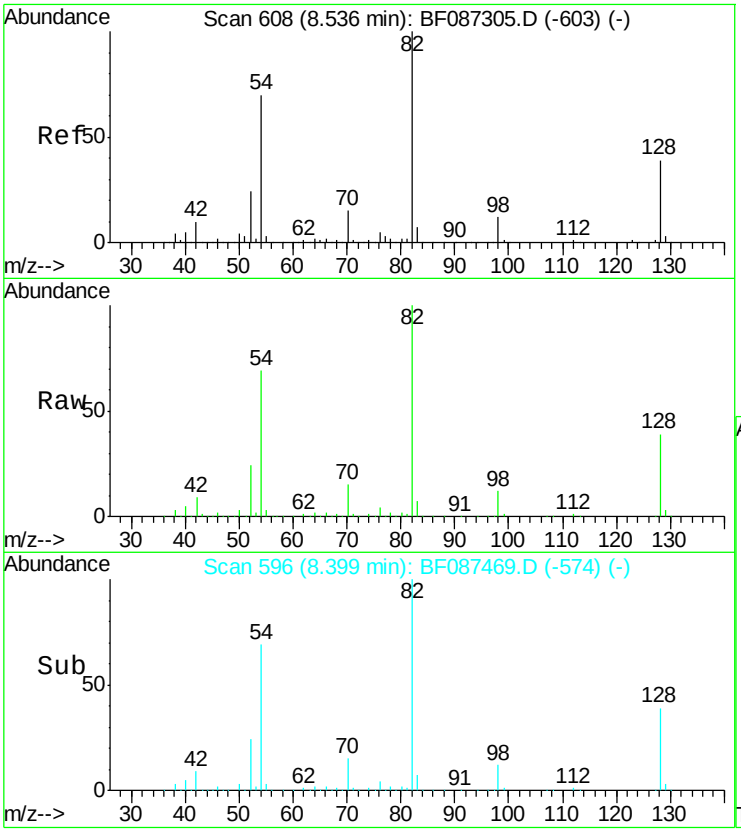




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:136 Resp: 427604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.8 | 13.2 |
| 54 | 9.3 | 5.0 | 7.4# |
| 68 | 4.6 | 4.4 | 6.6 |



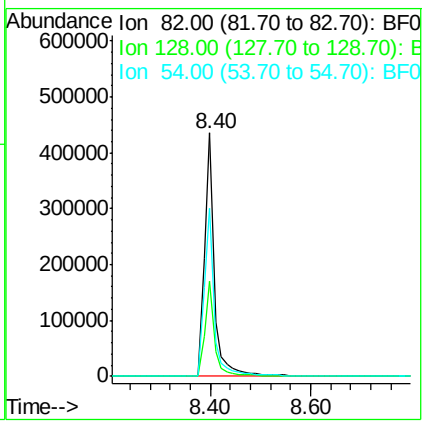


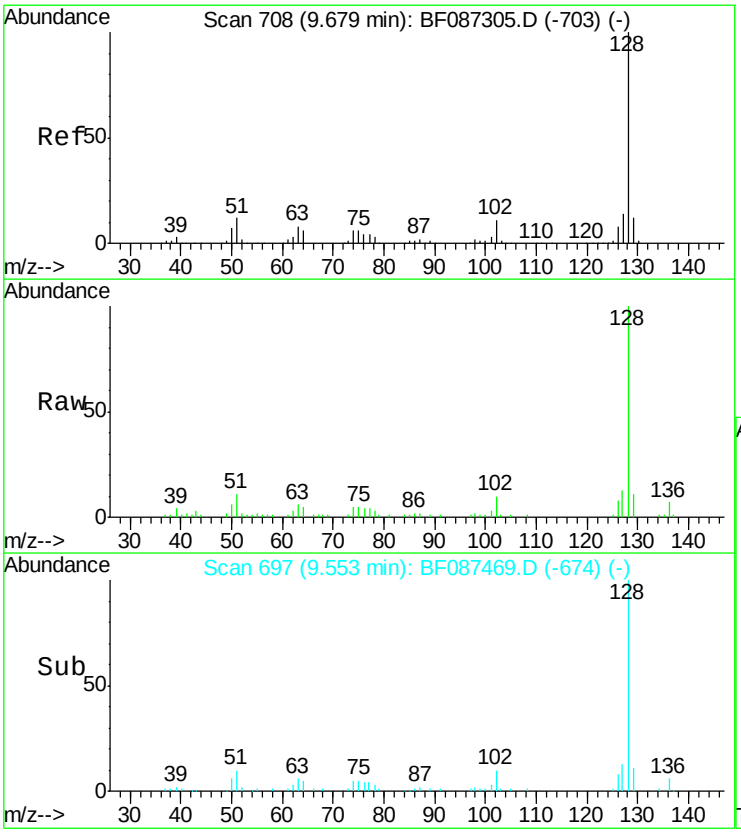

#23
Nitrobenzene-d5
Concen: 70.14 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion: 82 Resp: 595139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.3 | 40.6 | 61.0# |
| 54 | 69.2 | 38.1 | 57.1# |

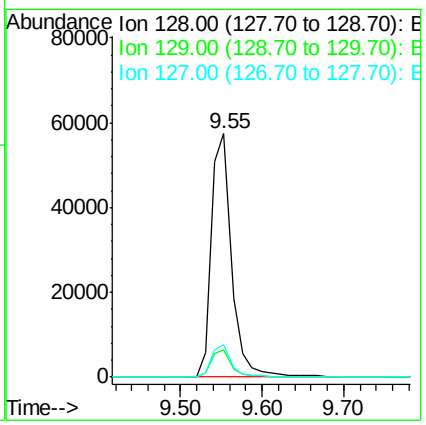


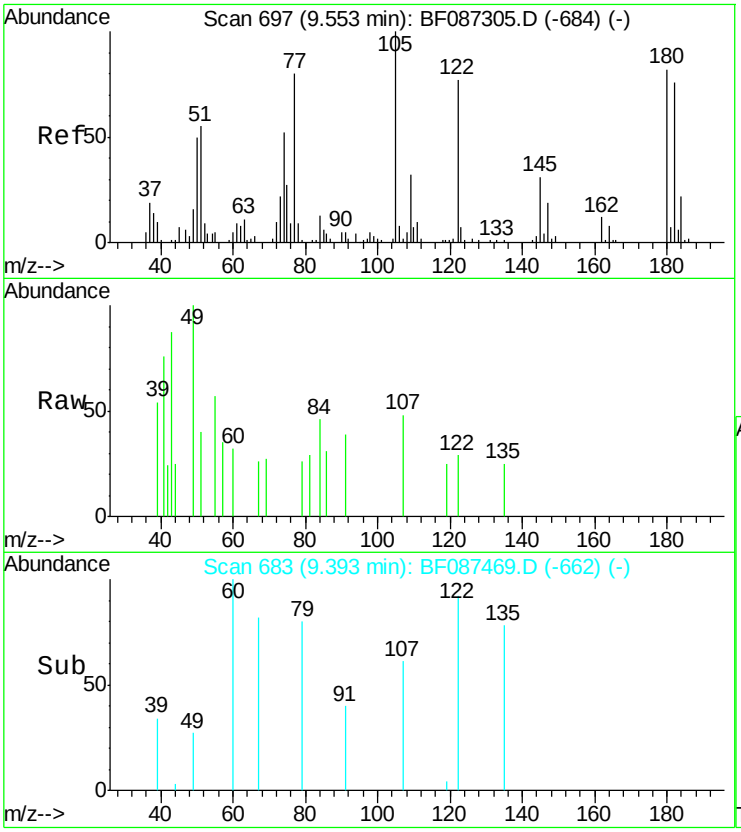




#31
Naphthalene
Concen: 4.62 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:128 Resp: 99019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.6 | 13.0 |
| 127 | 13.1 | 10.8 | 16.2 |



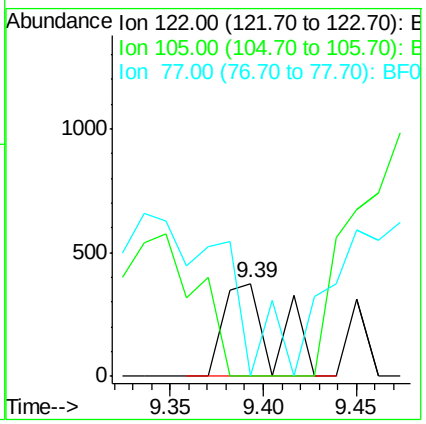


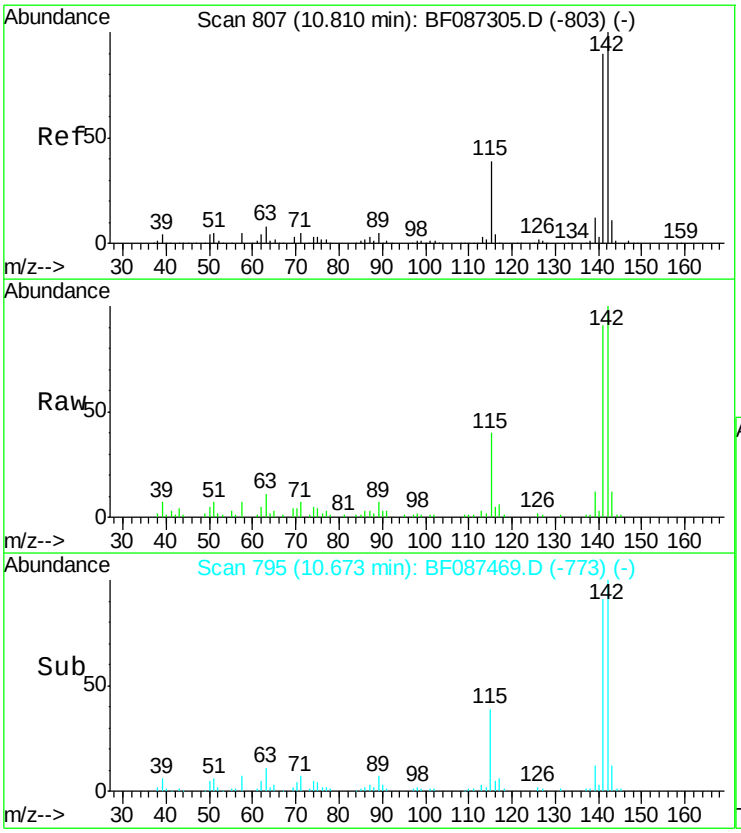

#32
Benzoic acid
Concen: 6.02 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:122 Resp: 720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 92.6 | 132.6# |
| 77 | 0.0 | 60.0 | 100.0# |

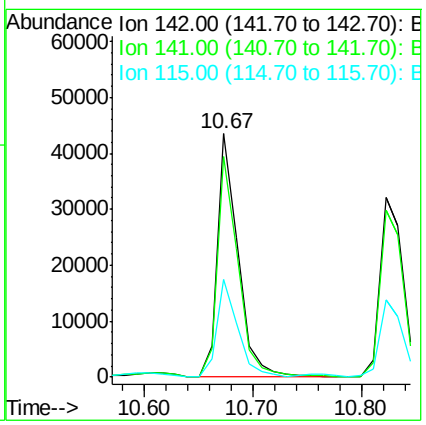


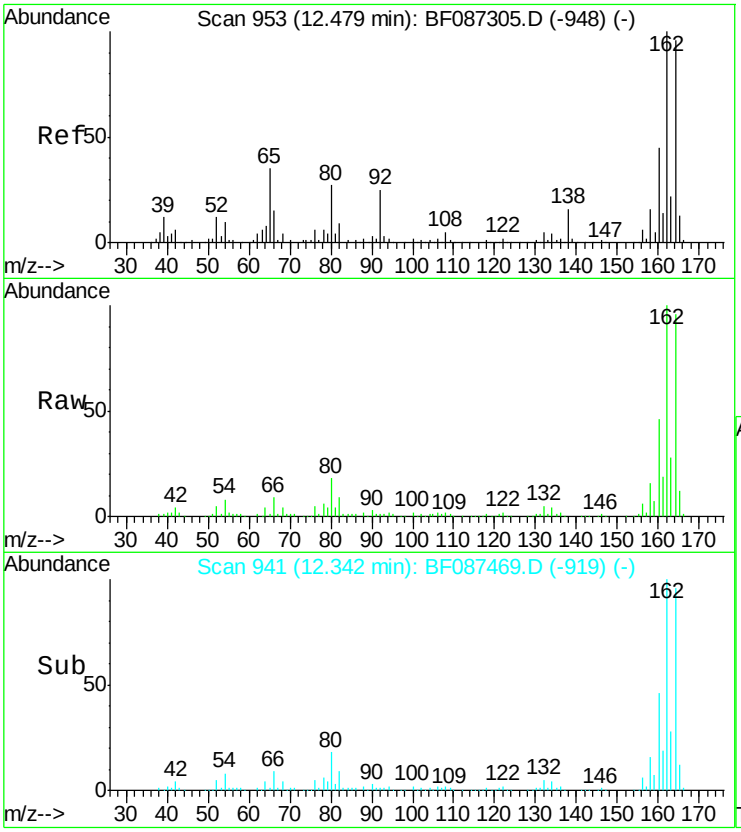




#37
2-Methylnaphthalene
Concen: 4.32 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:142 Resp: 57892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 71.0 | 106.6 |
| 115 | 40.1 | 26.6 | 39.8# |



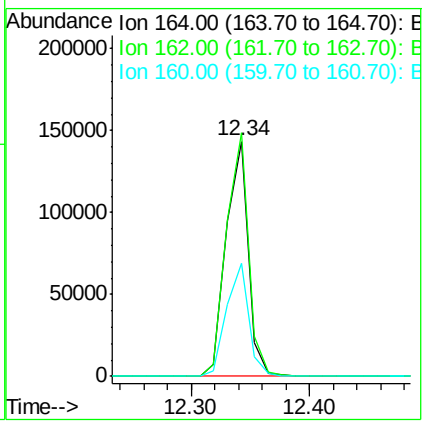


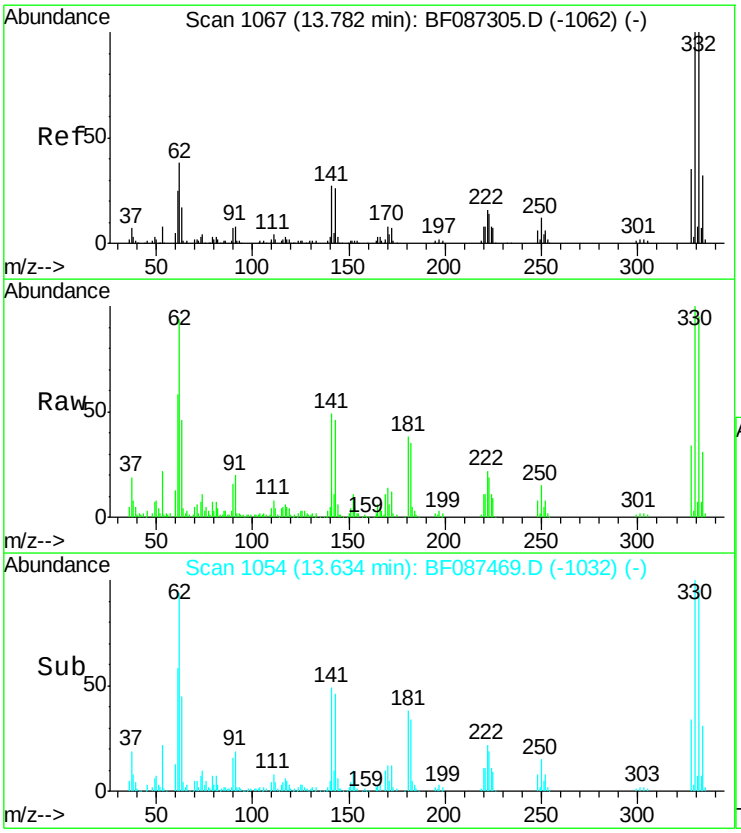

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:164 Resp: 185059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 82.8 | 124.2 |
| 160 | 48.0 | 36.9 | 55.3 |

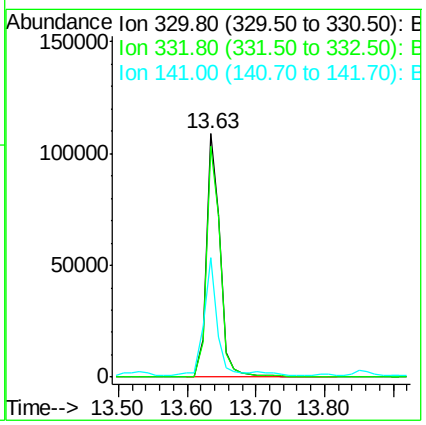


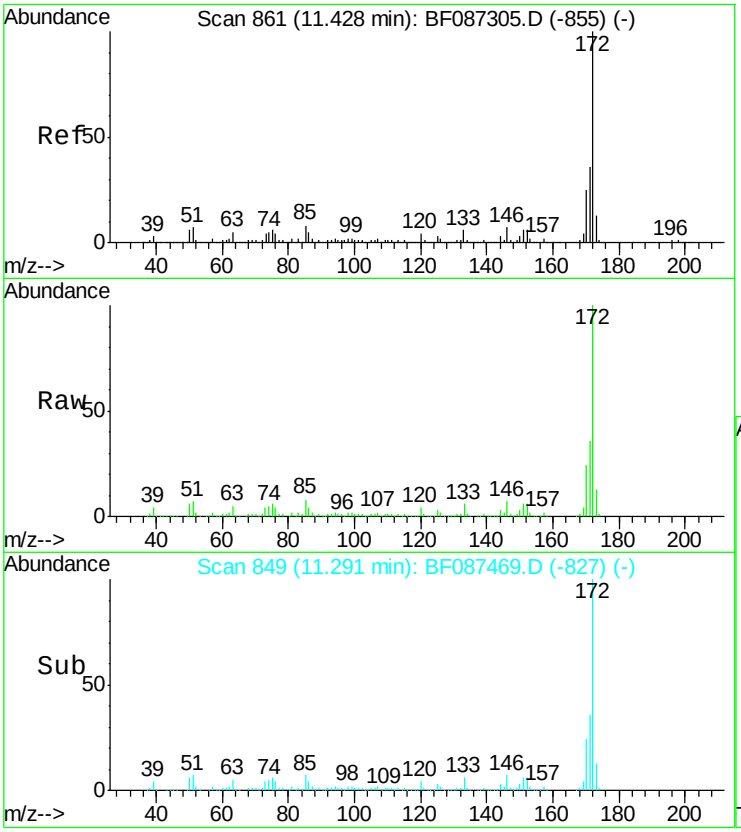




#41
2,4,6-Tribromophenol
Concen: 85.03 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:330 Resp: 151223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 79.0 | 118.4 |
| 141 | 46.9 | 31.2 | 46.8# |



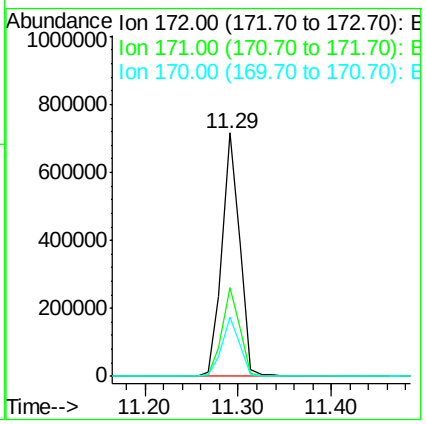


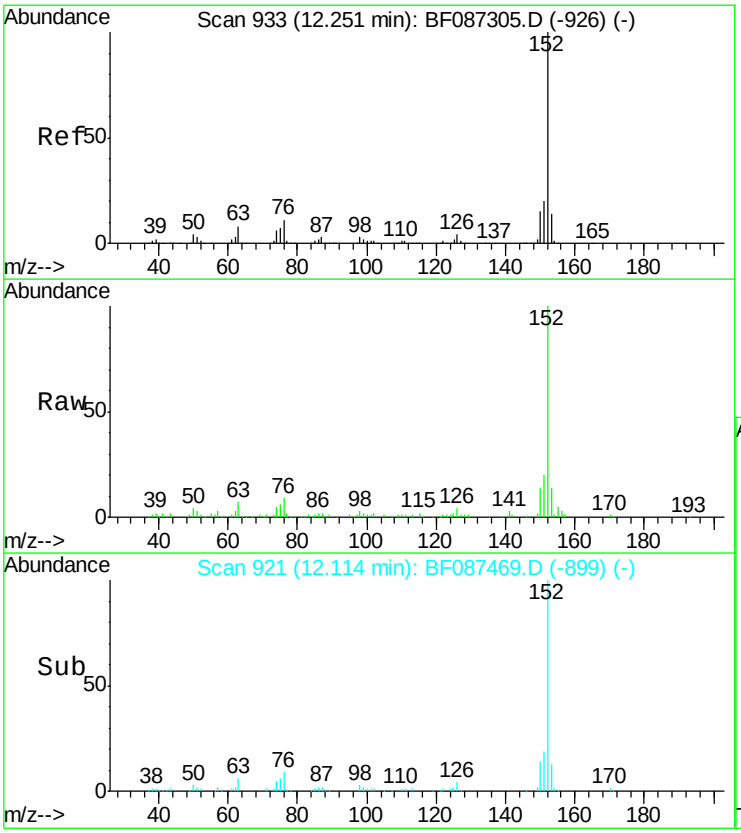

#44
2-Fluorobiphenyl
Concen: 72.59 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:172 Resp: 952921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.0 | 43.6 |
| 170 | 24.2 | 19.8 | 29.8 |

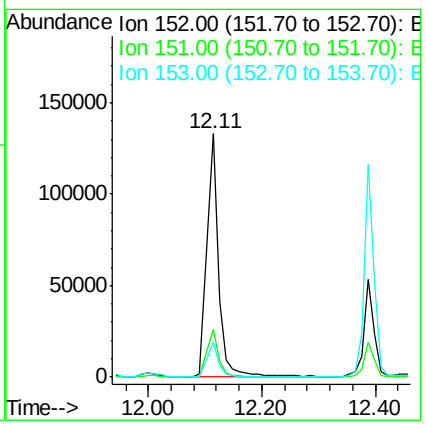


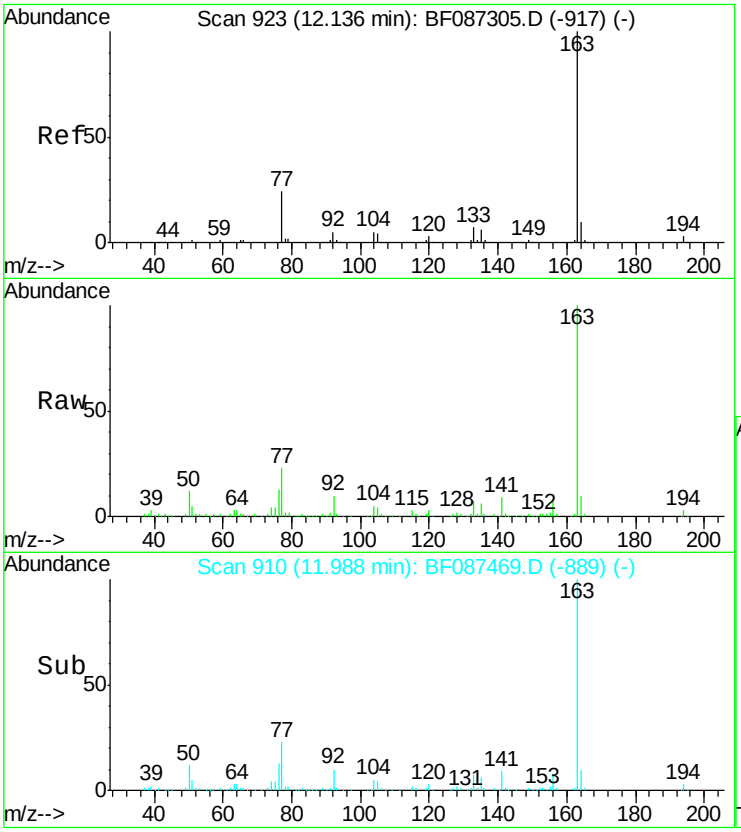




#48
Acenaphthylene
Concen: 9.74 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:152 Resp: 183725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.8 | 25.2 |
| 153 | 14.3 | 10.9 | 16.3 |



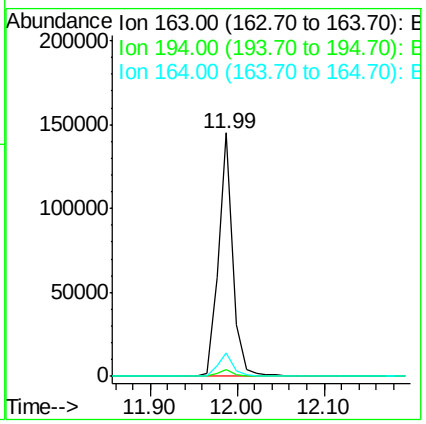


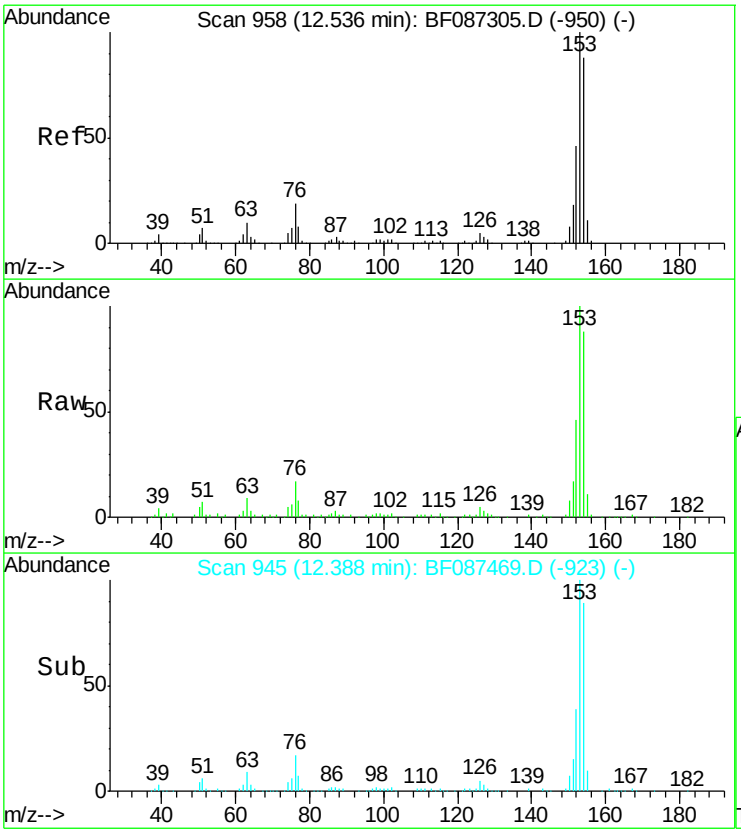

#49
Dimethylphthalate
Concen: 11.37 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:163 Resp: 168526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 2.9 | 2.6 | 4.0 |
| 164 | 9.9 | 8.2 | 12.4 |

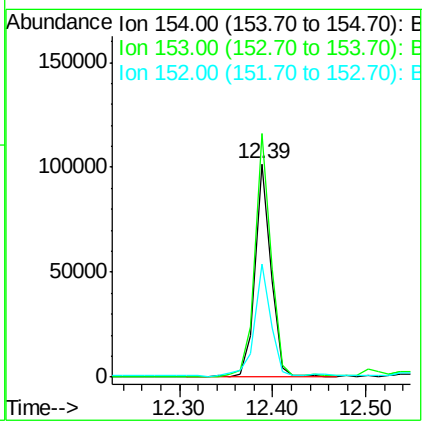


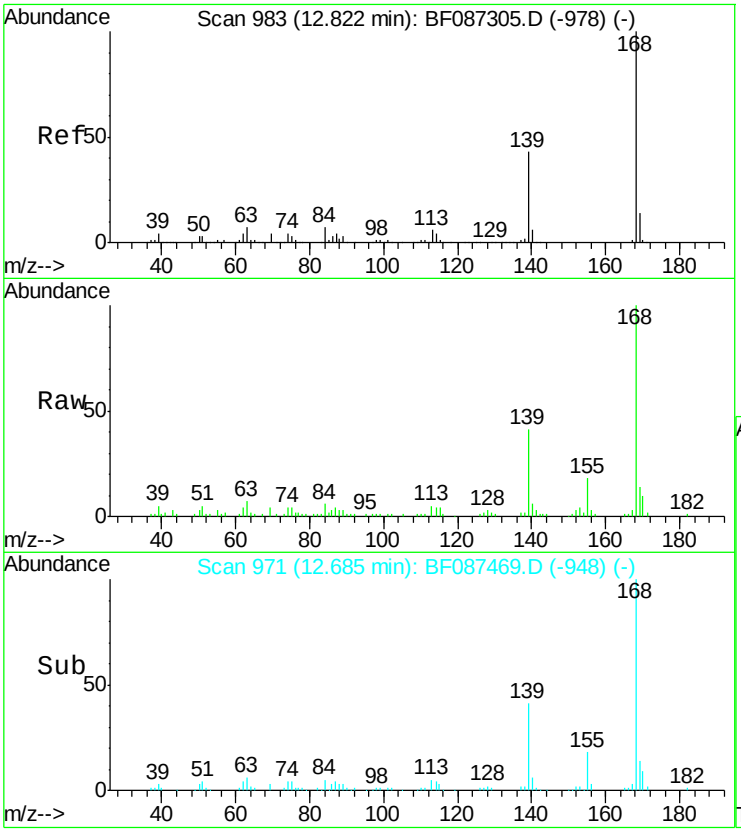




#51
Acenaphthene
Concen: 10.49 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:154 Resp: 121660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.2 | 89.8 | 134.6 |
| 152 | 52.8 | 43.4 | 65.0 |



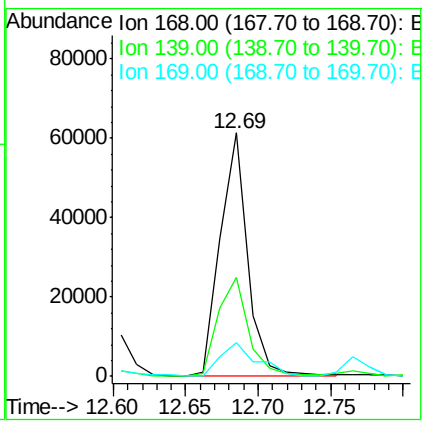


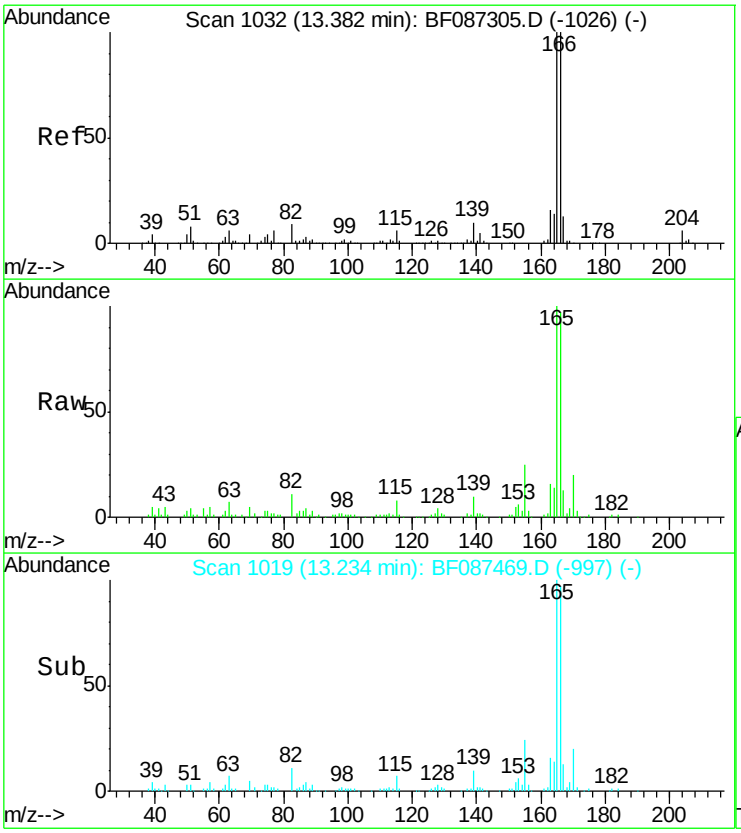

#54
Dibenzofuran
Concen: 5.14 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:168 Resp: 80650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.6 | 31.4 | 47.0 |
| 169 | 13.9 | 10.7 | 16.1 |

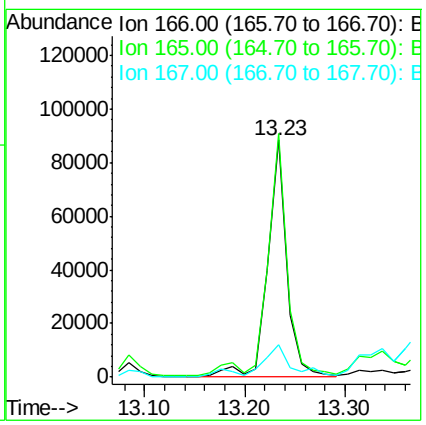


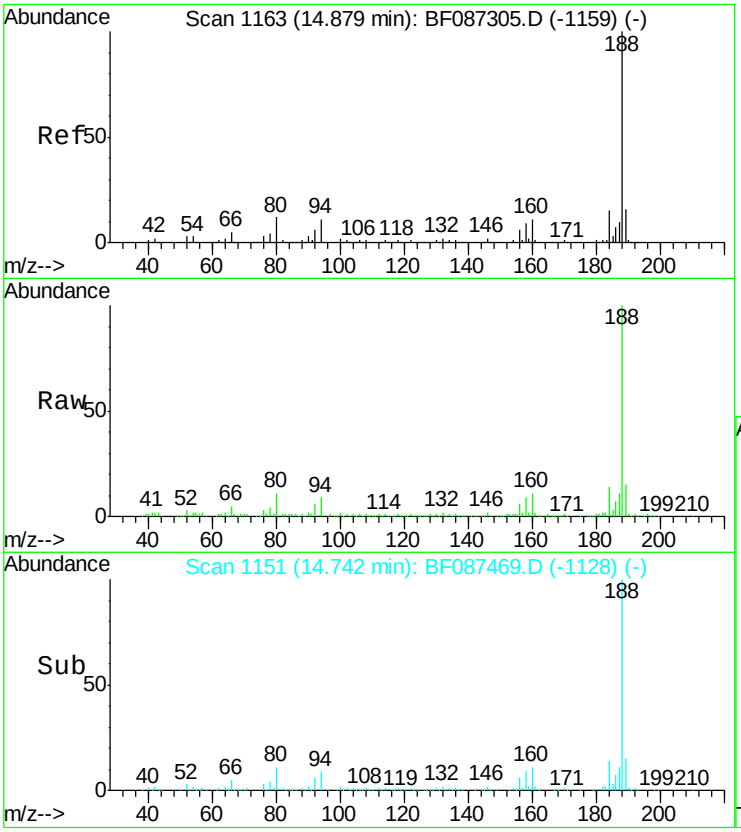




#57
Fluorene
Concen: 8.61 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:166 Resp: 117240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.8 | 79.0 | 118.6 |
| 167 | 13.5 | 10.6 | 15.8 |



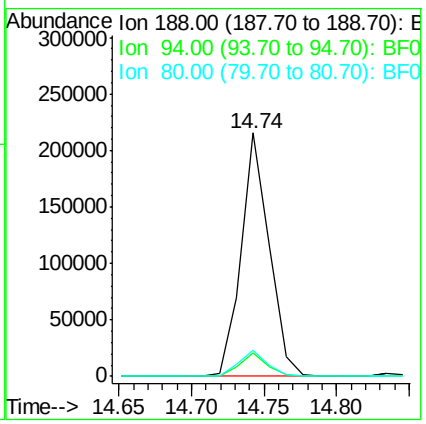


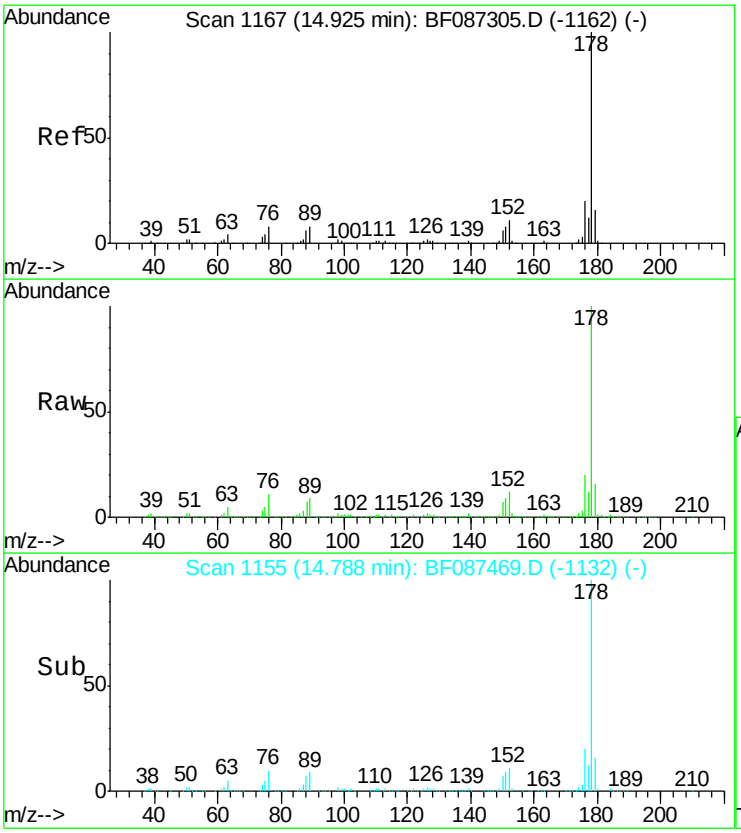

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:188 Resp: 289028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 6.8 | 10.2 |
| 80 | 10.8 | 7.1 | 10.7# |

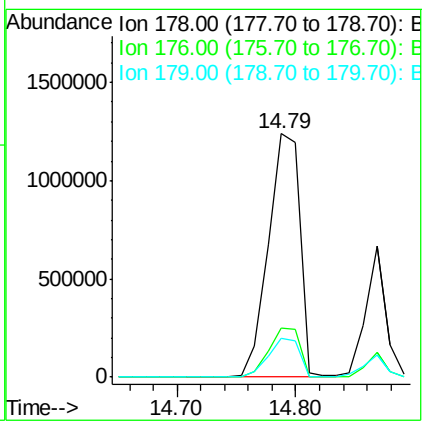


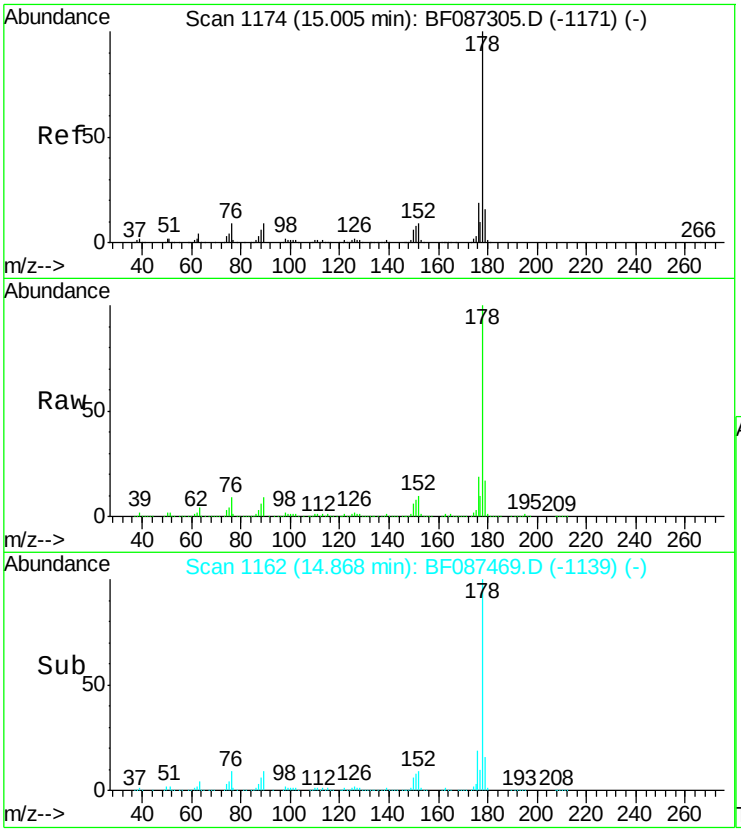




#70
Phenanthrene
Concen: 141.66 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:178 Resp: 2267900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.0 | 24.0 |
| 179 | 16.1 | 12.6 | 18.8 |



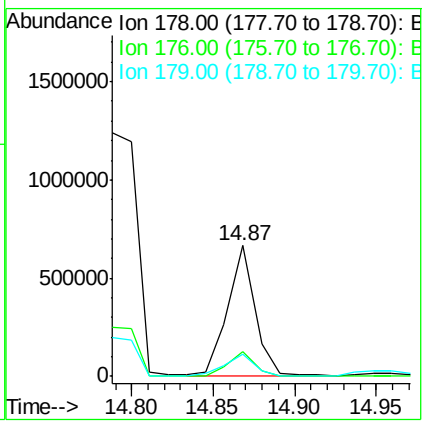


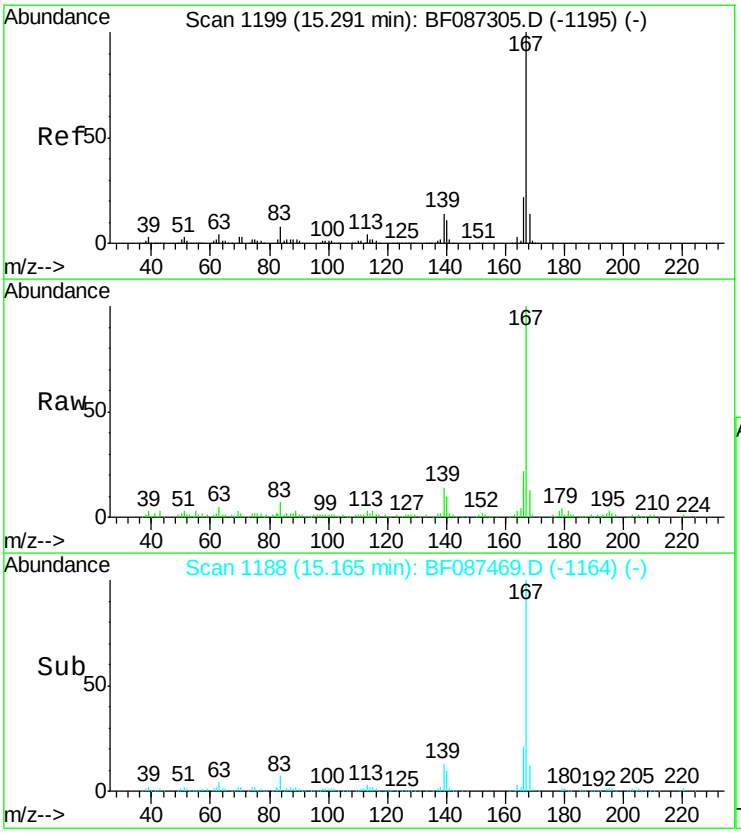

#71
Anthracene
Concen: 47.20 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:178 Resp: 763440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.6 | 23.4 |
| 179 | 16.5 | 12.7 | 19.1 |

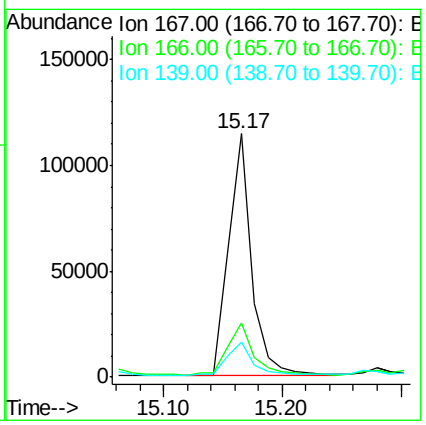


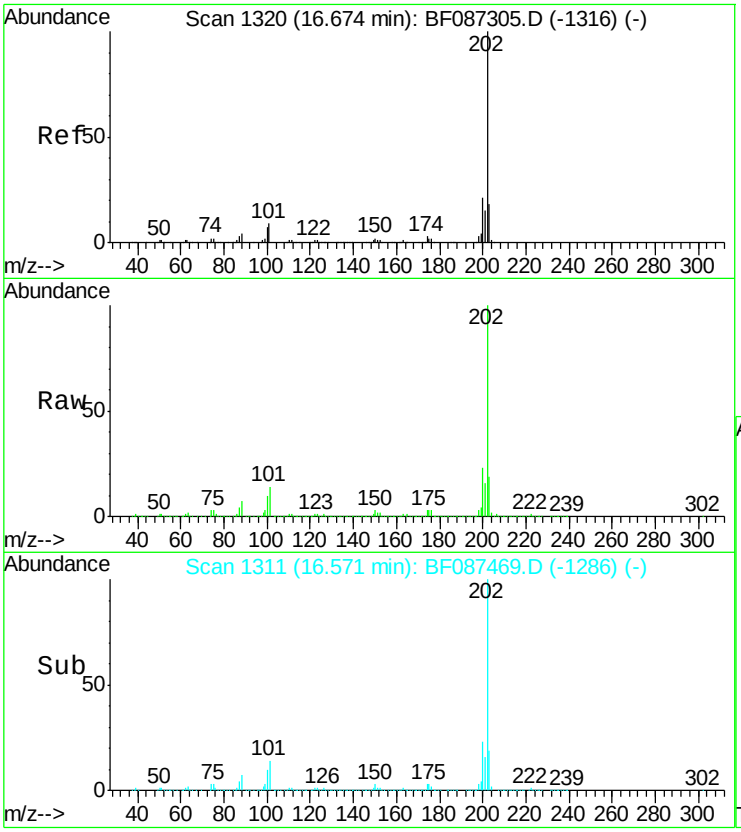




#72
Carbazole
Concen: 11.12 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:167 Resp: 153332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.7 | 26.5 |
| 139 | 14.2 | 10.8 | 16.2 |



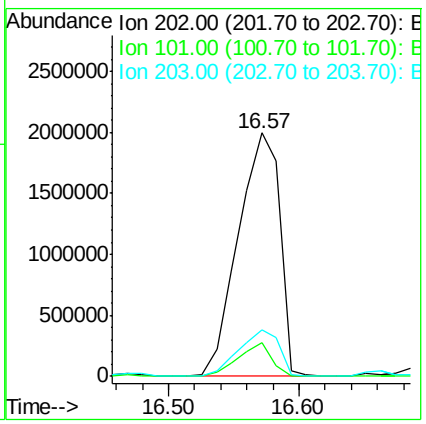


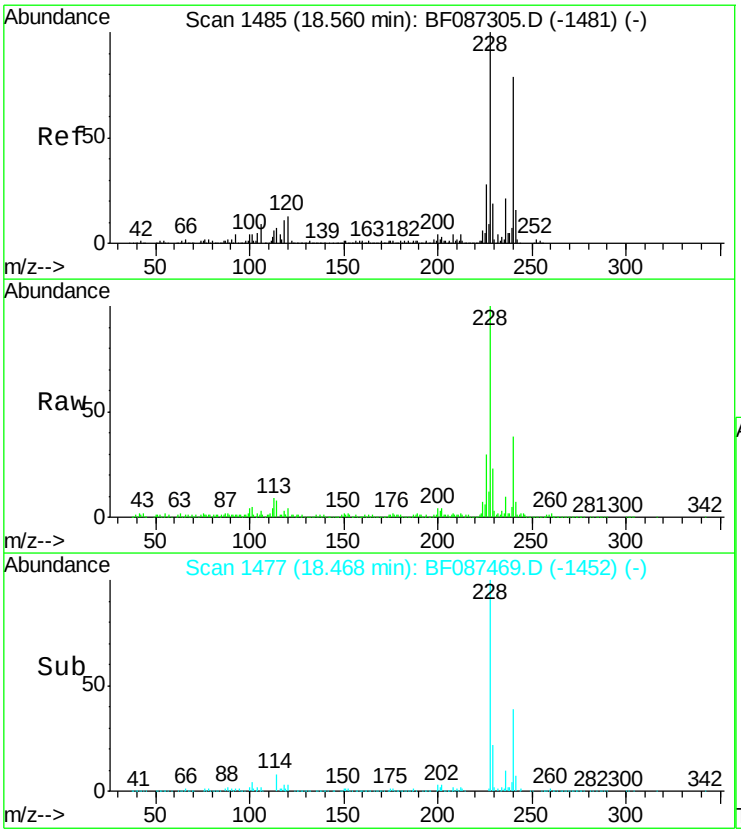

#74
Fluoranthene
Concen: 275.00 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:202 Resp: 4414929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.7 | 0.0 | 35.4 |
| 203 | 18.9 | 0.0 | 38.1 |

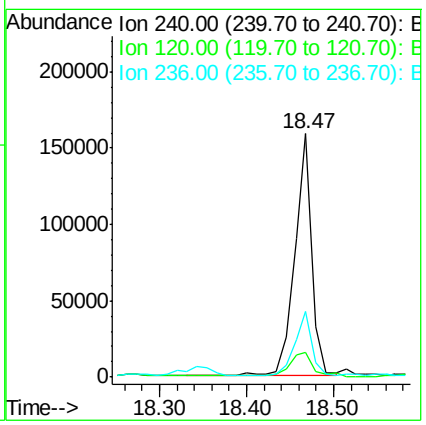


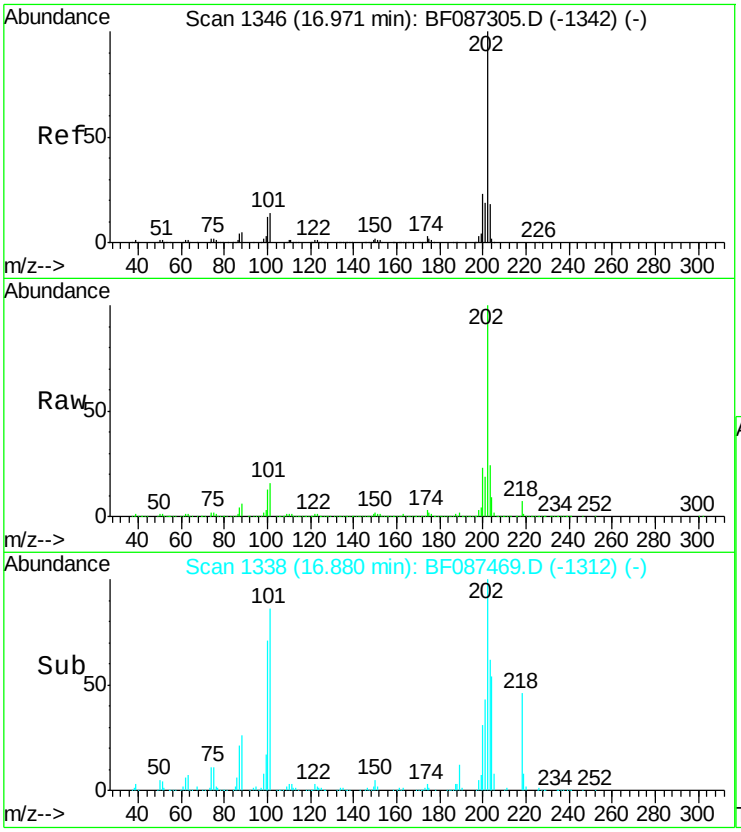




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:240 Resp: 219817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.0 | 11.2 | 16.8# |
| 236 | 26.9 | 21.2 | 31.8 |



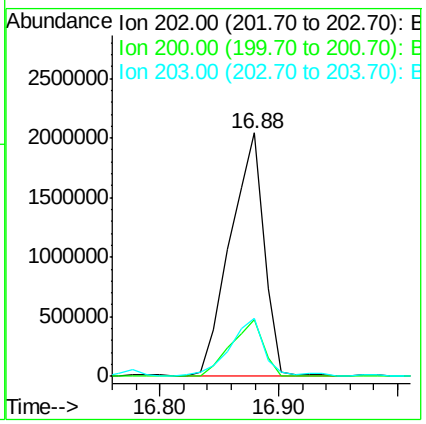


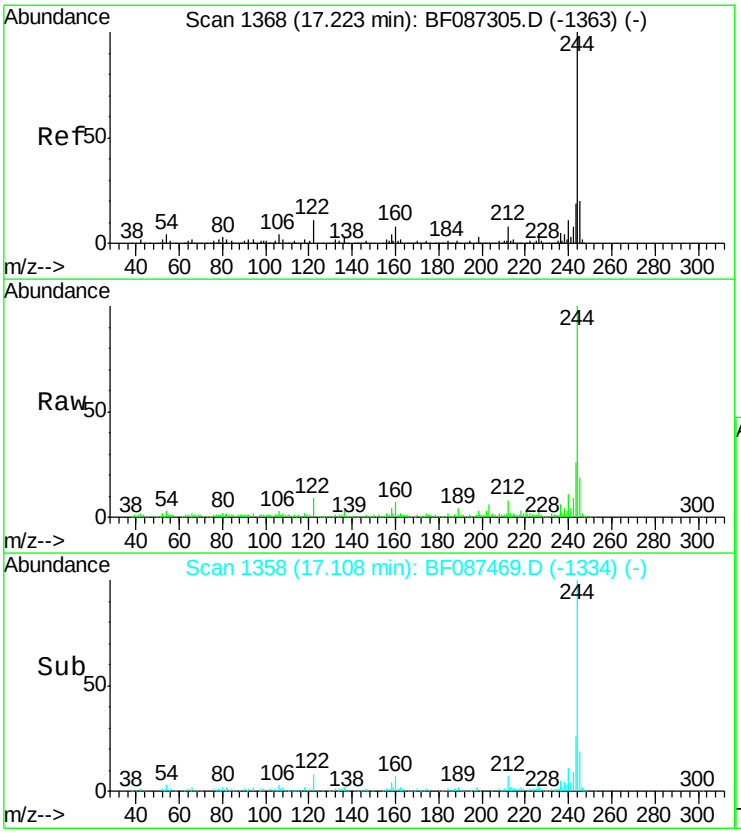

#77
Pyrene
Concen: 254.58 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:202 Resp: 4028152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.3 | 17.7 | 26.5 |
| 203 | 23.9 | 14.2 | 21.4# |

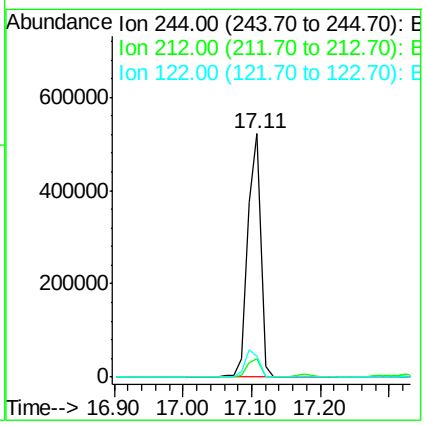


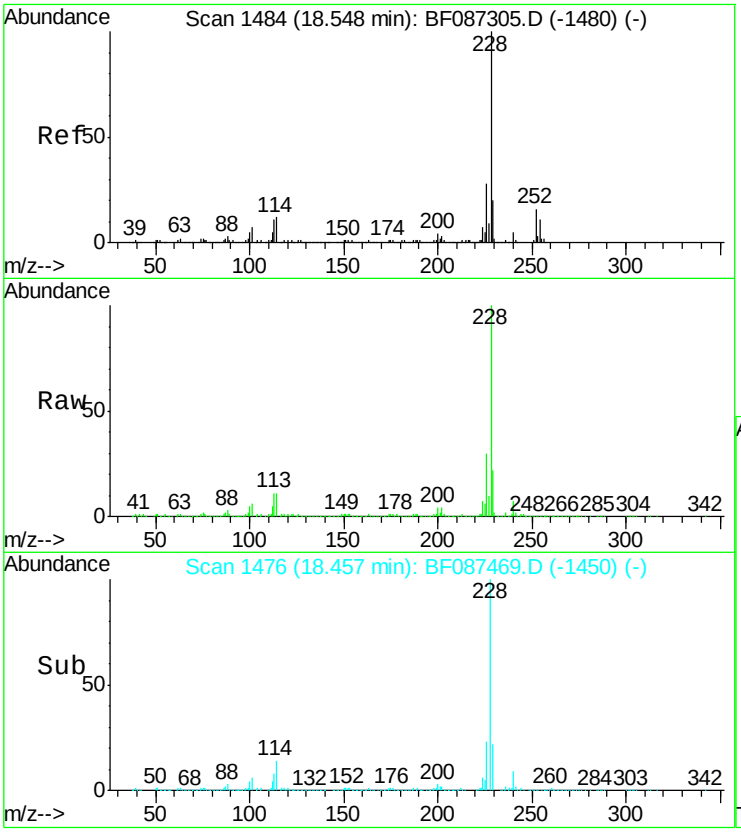




#78
Terphenyl-d14
Concen: 64.57 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:244 Resp: 667658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.2 | 9.2 |
| 122 | 8.7 | 12.0 | 18.0# |



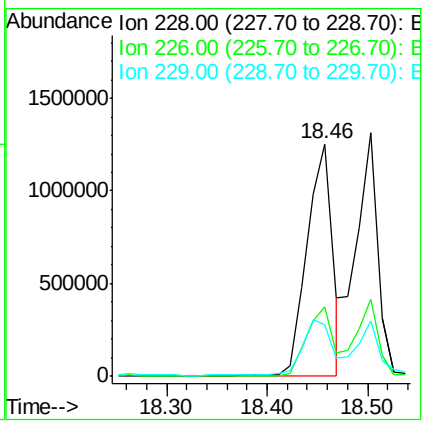


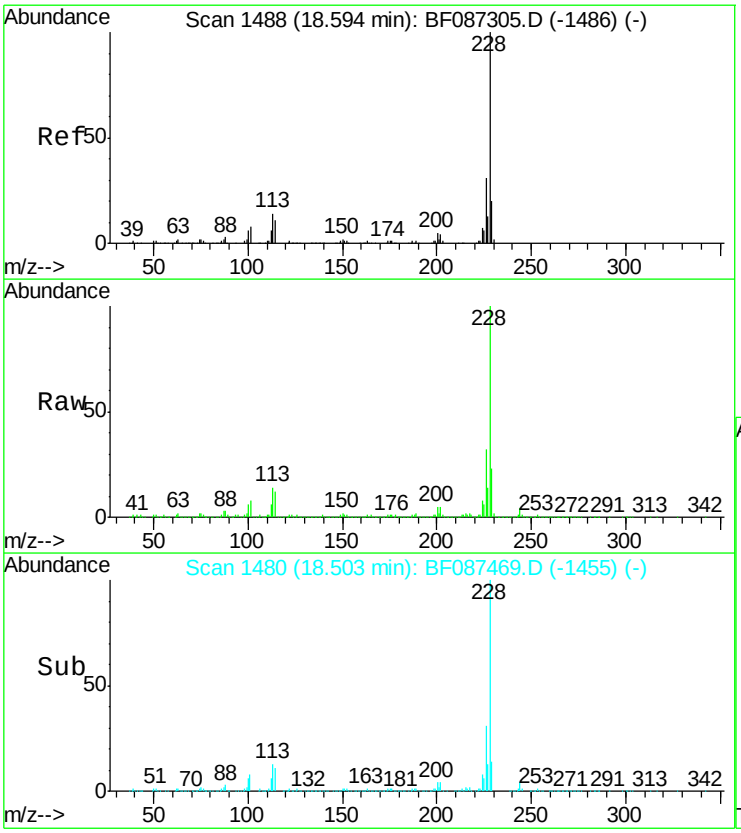

#80
Benzo(a)anthracene
Concen: 175.68 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:228 Resp: 2196581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 22.5 | 33.7 |
| 229 | 22.4 | 16.6 | 25.0 |

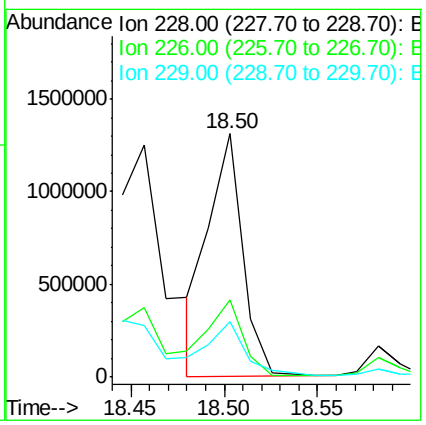


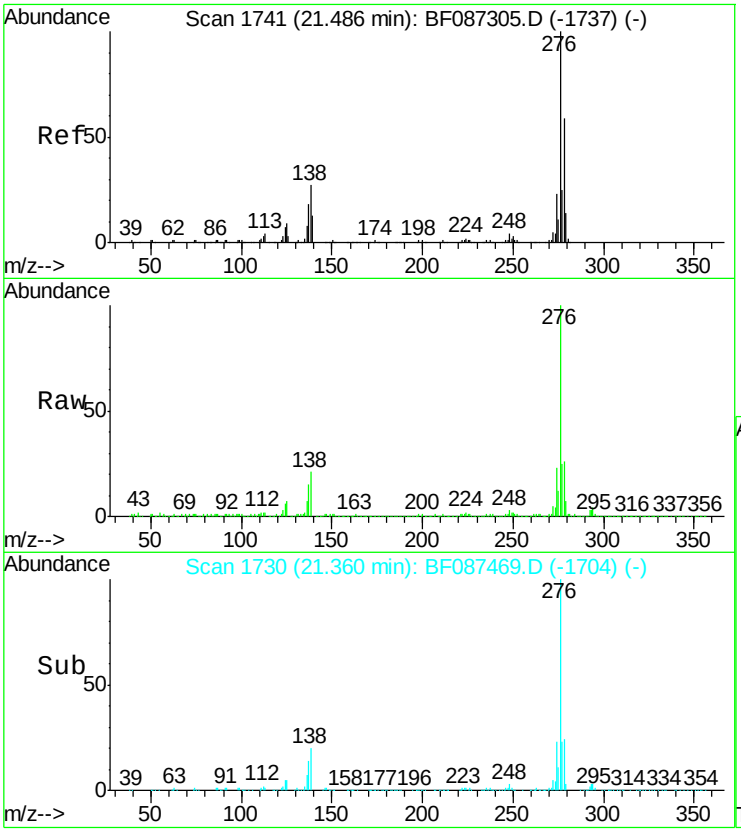




#82
Chrysene
Concen: 135.31 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:228 Resp: 1679147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 24.4 | 36.6 |
| 229 | 22.6 | 15.8 | 23.8 |



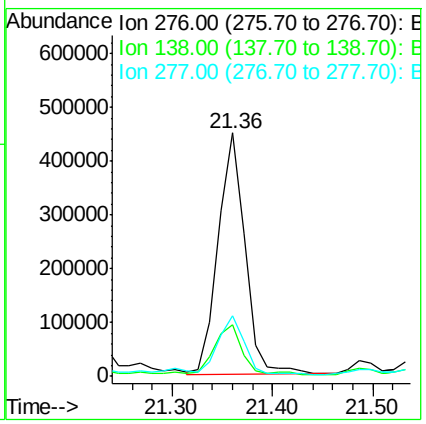


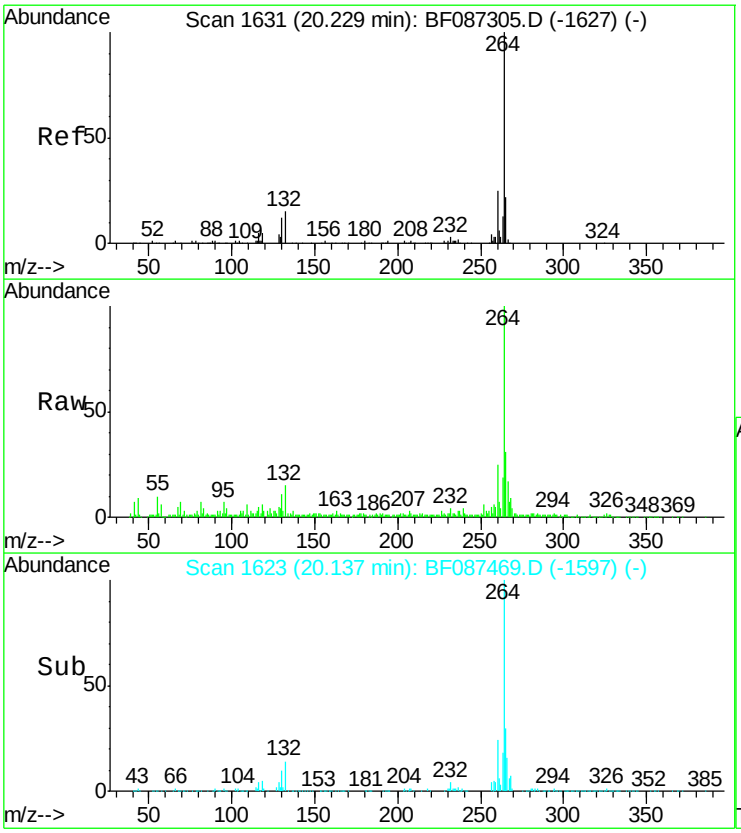

#85
Indeno(1,2,3-cd)pyrene
Concen: 83.57 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:276 Resp: 831357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.9 | 25.6 | 38.4# |
| 277 | 27.0 | 20.5 | 30.7 |

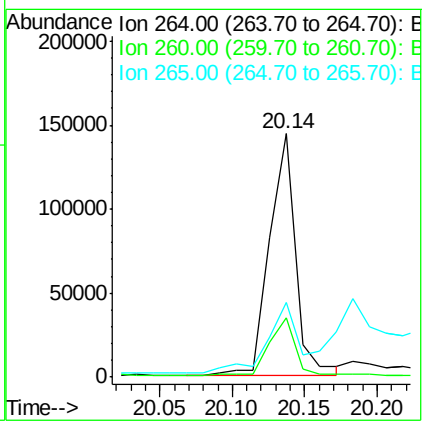


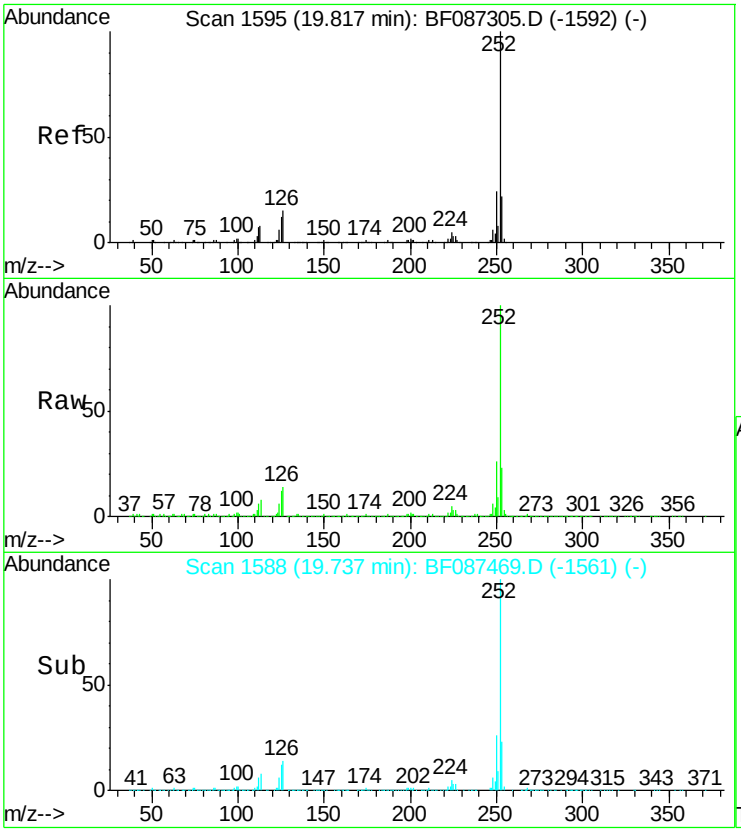




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:264 Resp: 179354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.5 | 29.3 |
| 265 | 30.6 | 17.3 | 25.9# |



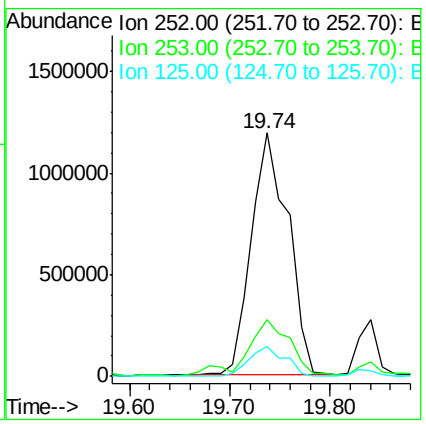


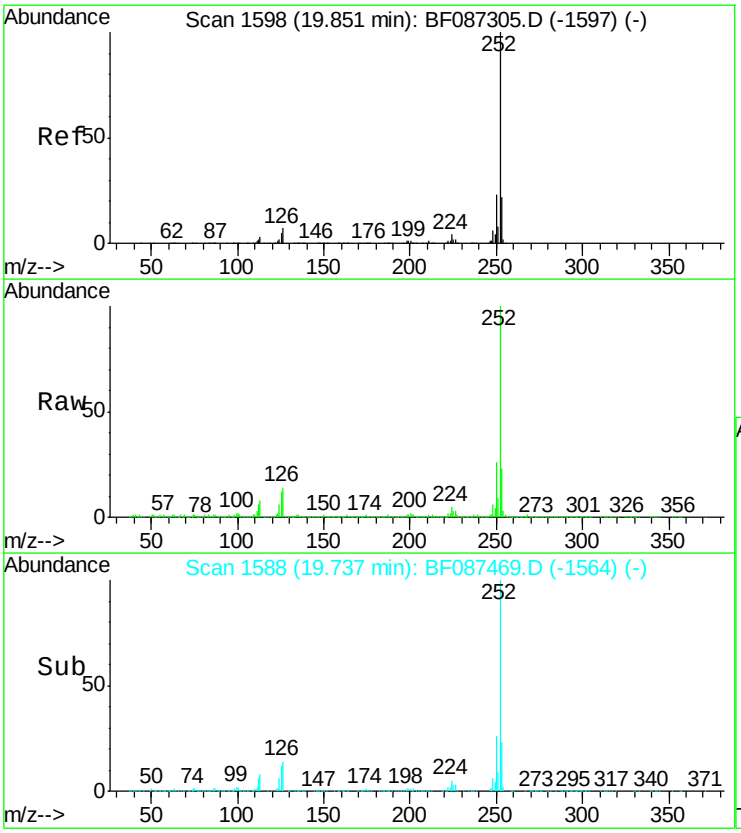

#87
Benzo(b)fluoranthene
Concen: 264.81 ng
RT: 19.74 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:252 Resp: 3025415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.8 | 26.6 |
| 125 | 12.0 | 11.4 | 17.0 |

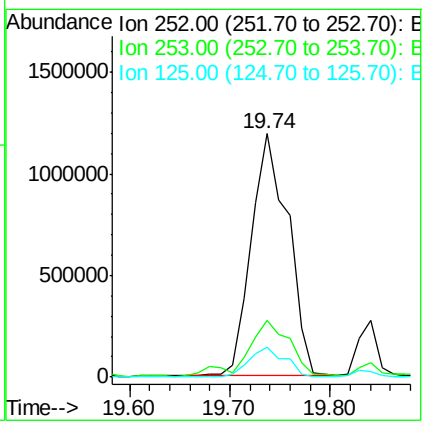


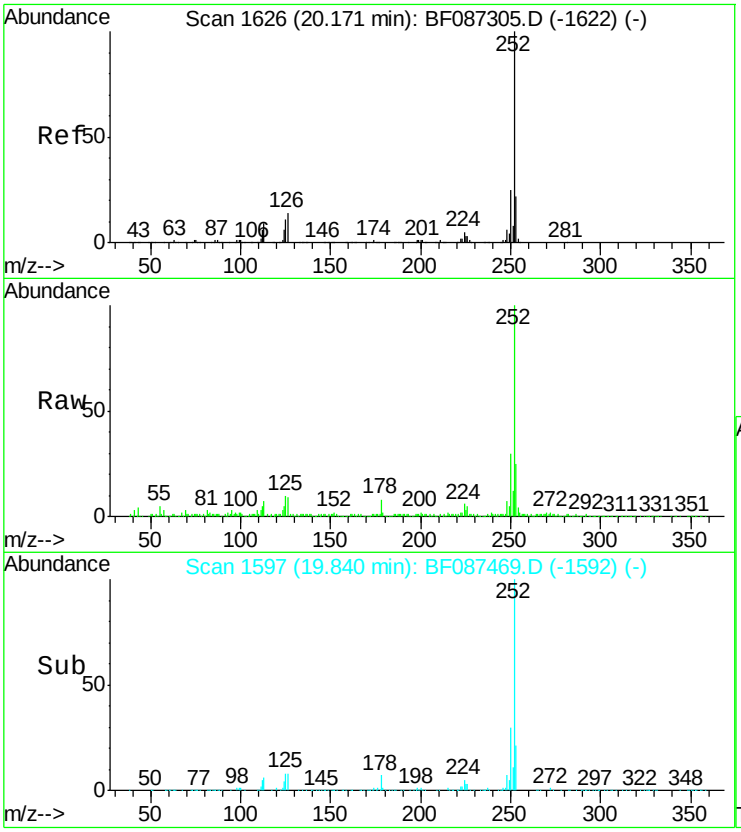




#88
Benzo(k)fluoranthene
Concen: 307.66 ng
RT: 19.74 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:252 Resp: 3025415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.8 | 26.6 |
| 125 | 12.0 | 9.1 | 13.7 |



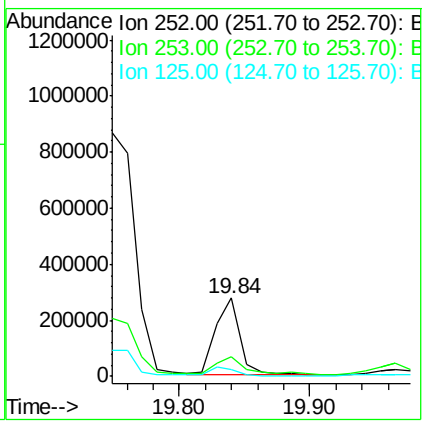


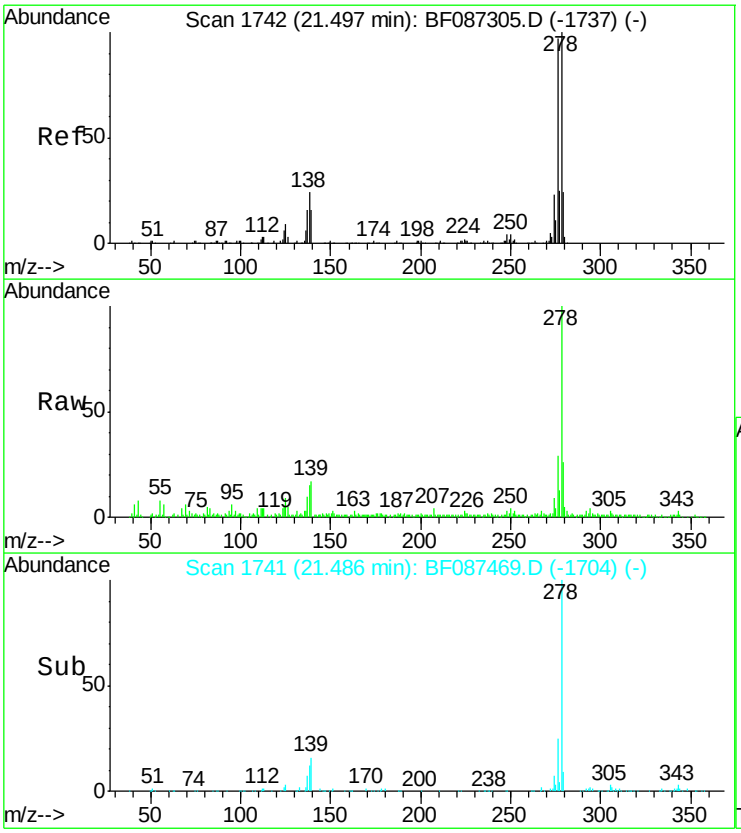

#89
Benzo(a)pyrene
Concen: 35.96 ng
RT: 19.84 min Scan# 1597
Delta R.T. -0.24 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:252 Resp: 355348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 17.2 | 25.8 |
| 125 | 9.5 | 9.0 | 13.6 |

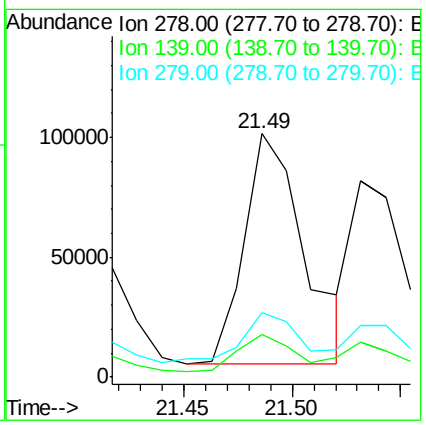


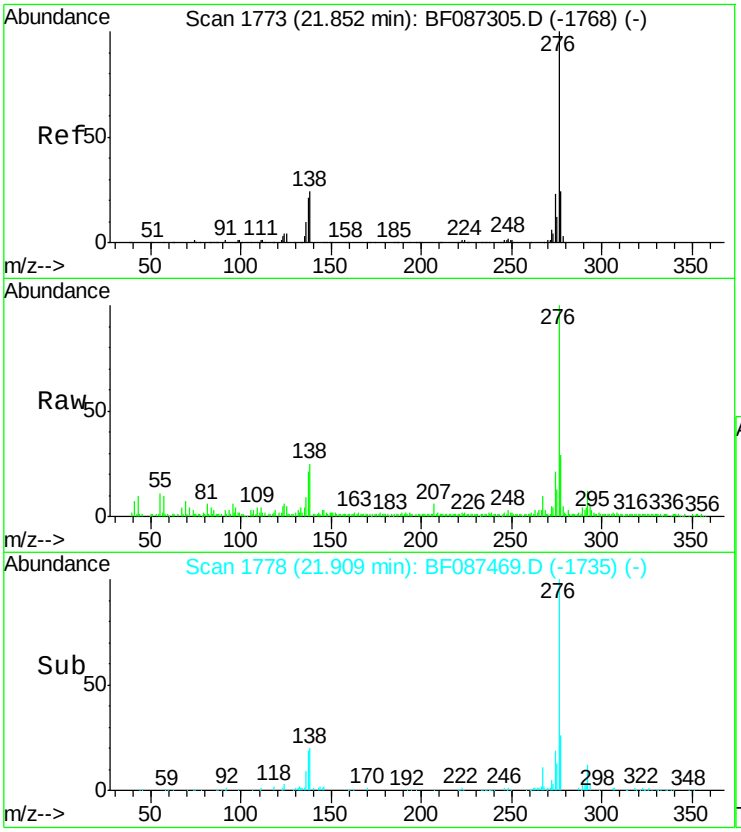




#90
Dibenzo(a,h)anthracene
Concen: 22.03 ng
RT: 21.49 min Scan# 1741
Delta R.T. 0.13 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

Tgt Ion:278 Resp: 185656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.4 | 16.6 | 24.8 |
| 279 | 26.3 | 19.6 | 29.4 |






#91
Benzo(g,h,i)perylene
Concen: 18.05 ng
RT: 21.91 min Scan# 1778
Delta R.T. 0.19 min
Lab File: BF087469.D
Acq: 28 May 2016 6:03

**Instrument :**
BNA_F
**ClientSampleId :**
CHS-STA-1696(0-4)

Tgt Ion:276 Resp: 150099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 29.3 | 19.6 | 29.4 |
| 138 | 25.1 | 23.6 | 35.4 |