

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096484.D
 Acq On : 5 Jul 2017 15:20
 Operator : SJ/MA
 Sample : I3871-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

Quant Time: Jul 05 17:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

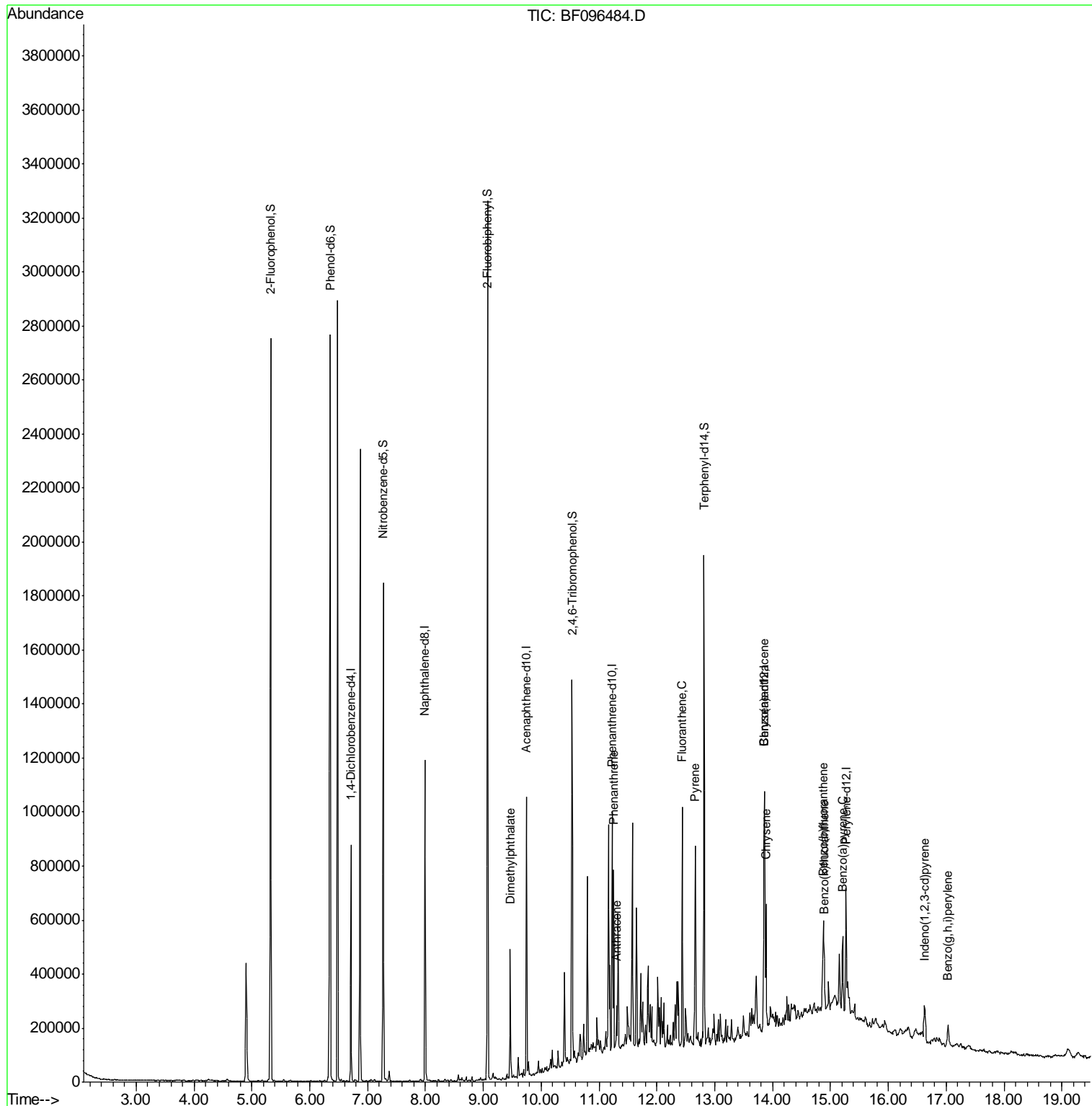
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|-----------------------------|-------|------|----------|--------|-------|----------|-----|
| 1) 1,4-Dichlorobenzene-d4 | 6.71 | 152 | 118865 | 20.00 | ng | 0.00 | |
| 21) Naphthalene-d8 | 7.99 | 136 | 494887 | 20.00 | ng | 0.00 | |
| 38) Acenaphthene-d10 | 9.75 | 164 | 199222 | 20.00 | ng | 0.00 | |
| 63) Phenanthrene-d10 | 11.23 | 188 | 267469 | 20.00 | ng | 0.00 | |
| 75) Chrysene-d12 | 13.86 | 240 | 224250 | 20.00 | ng | 0.00 | |
| 86) Perylene-d12 | 15.27 | 264 | 187710 | 20.00 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 801591 | 99.54 | ng | 0.00 | |
| 7) Phenol-d6 | 6.35 | 99 | 1058592 | 106.92 | ng | 0.00 | |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 554500 | 67.33 | ng | 0.00 | |
| 41) 2,4,6-Tribromophenol | 10.53 | 330 | 155191 | 99.73 | ng | 0.00 | |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 959514 | 82.35 | ng | 0.00 | |
| 78) Terphenyl-d14 | 12.82 | 244 | 541055 | 51.56 | ng | 0.00 | |
| Target Compounds | | | | | | Qvalue | |
| 49) Dimethylphthalate | 9.46 | 163 | 181057 | 12.17 | ng | | 100 |
| 70) Phenanthrene | 11.25 | 178 | 212514 | 14.70 | ng | | 98 |
| 71) Anthracene | 11.30 | 178 | 55064 | 3.74 | ng | | 96 |
| 74) Fluoranthene | 12.44 | 202 | 334670 | 23.61 | ng | | 98 |
| 77) Pyrene | 12.67 | 202 | 318727 | 17.71 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.85 | 228 | 176004 | 13.55 | ng | | 97 |
| 82) Chrysene | 13.89 | 228 | 159820 | 11.75 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 66904 | 6.23 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 168494m | 14.33 | ng | | |
| 88) Benzo(k)fluoranthene | 14.89 | 252 | 63739m | 6.06 | ng | | |
| 89) Benzo(a)pyrene | 15.21 | 252 | 124081 | 11.82 | ng | # | 95 |
| 91) Benzo(a,h,i)perylene | 17.03 | 276 | 57469 | 6.71 | ng | | 96 |

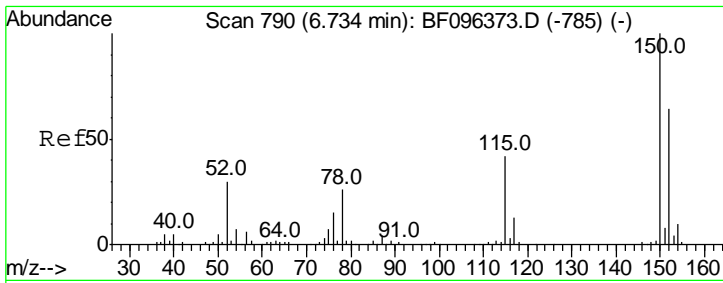
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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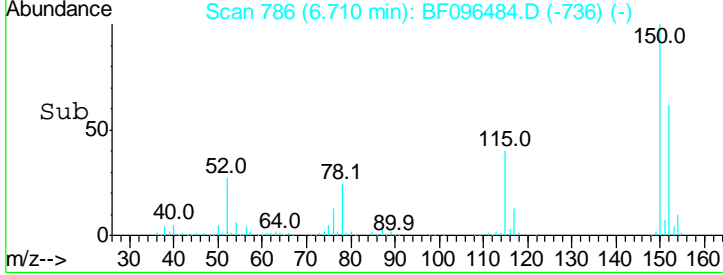
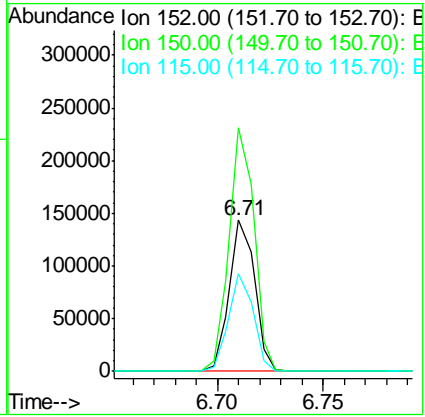
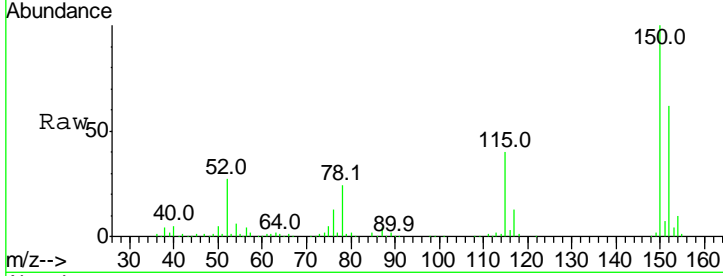




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

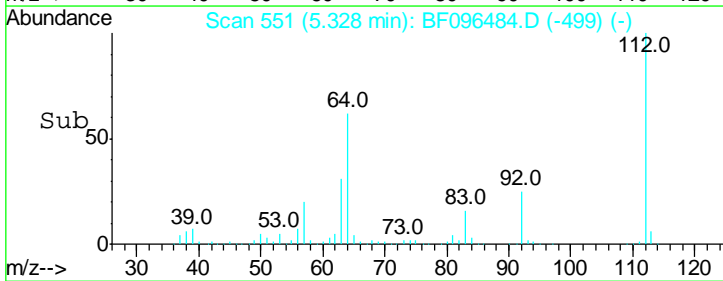
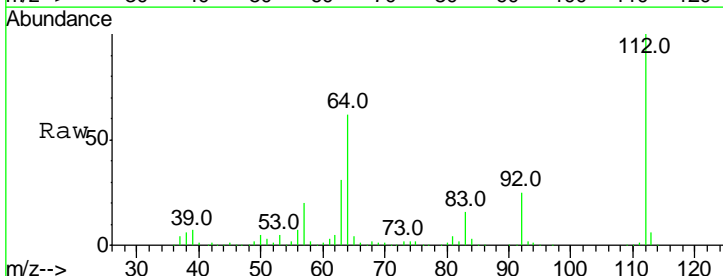
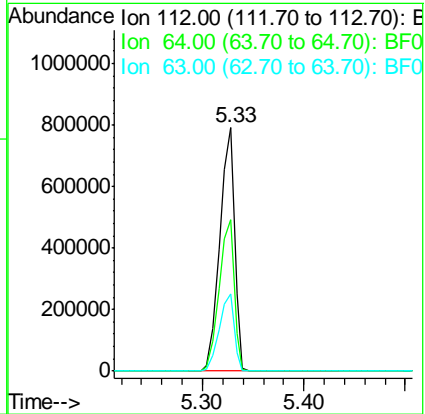
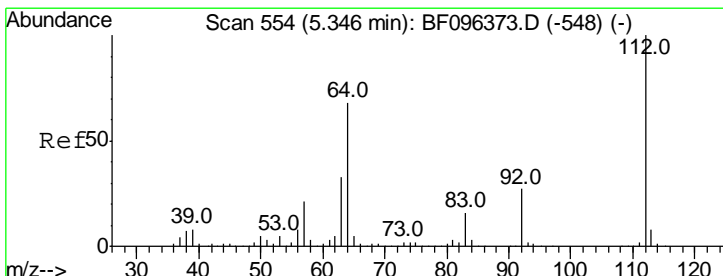
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ClientSampleId :
 POSTEX-51-20170622

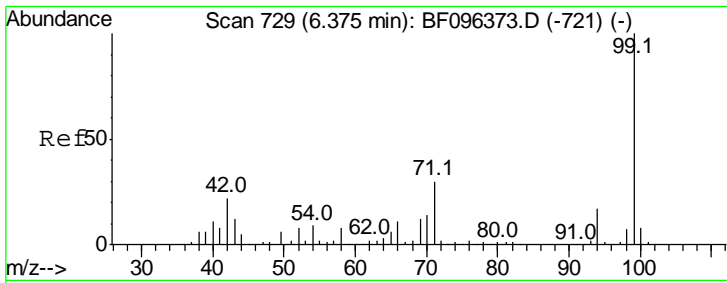
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 152 | 118865 | | |
| 152 | 100 | | |
| 150 | 161.1 | 126.2 | 189.2 |
| 115 | 64.9 | 52.2 | 78.2 |



#5
 2-Fluorophenol
 Concen: 99.54 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 112 | 801591 | | |
| 112 | 100 | | |
| 64 | 62.0 | 46.0 | 69.0 |
| 63 | 31.5 | 23.4 | 35.0 |

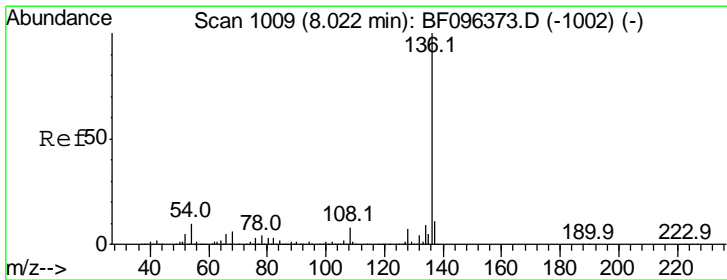
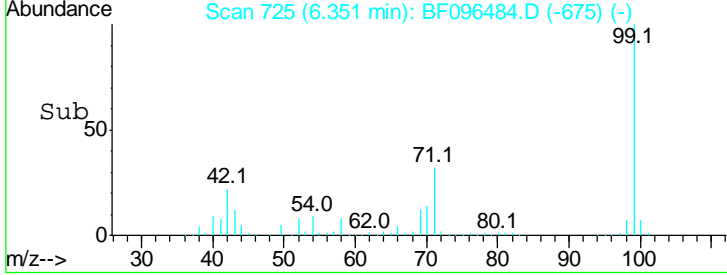
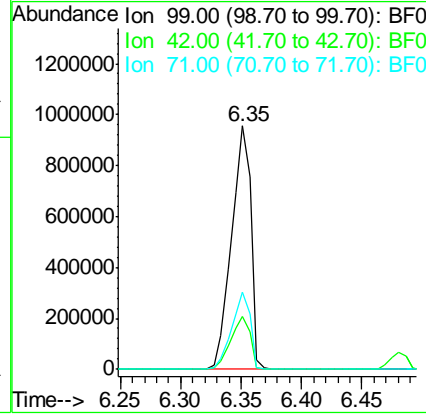
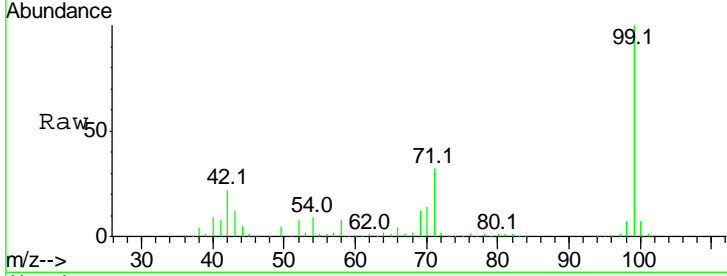




#7
 Phenol-d6
 Concen: 106.92 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

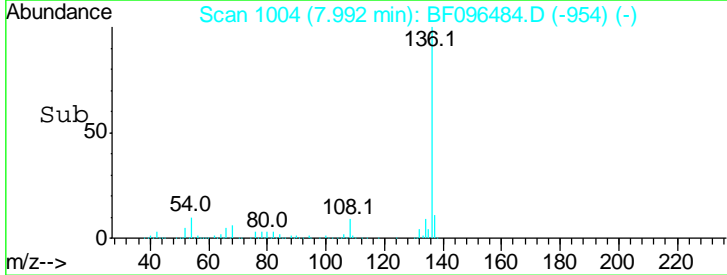
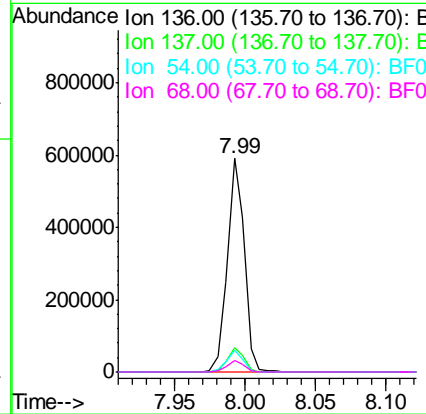
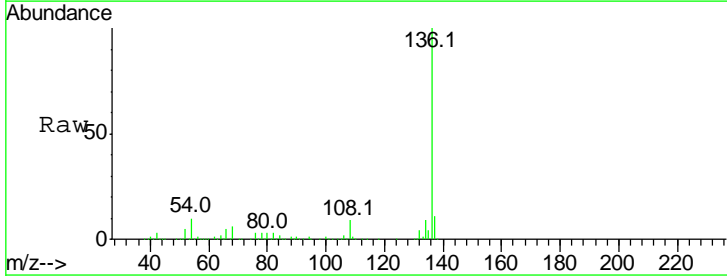
Instrument :
 BNA_F
ClientSampleId :
 POSTEX-51-20170622

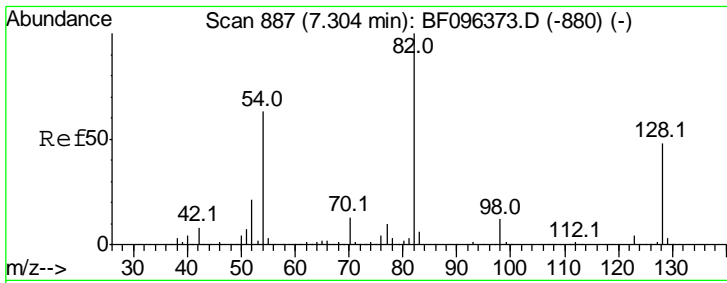
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 99 | 1058592 | | |
| 99 | 100 | | |
| 42 | 21.9 | 13.5 | 20.3# |
| 71 | 31.6 | 24.5 | 36.7 |



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 136 | 494887 | | |
| 136 | 100 | | |
| 137 | 11.2 | 8.5 | 12.7 |
| 54 | 10.5 | 4.9 | 7.3# |
| 68 | 5.5 | 4.1 | 6.1 |

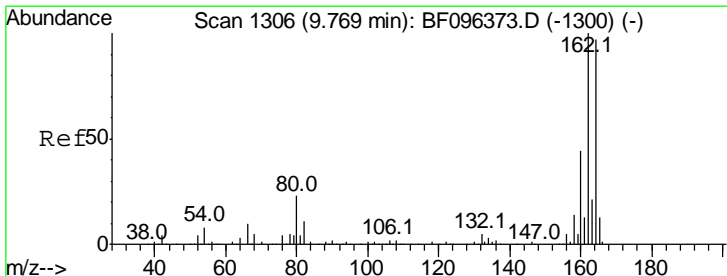
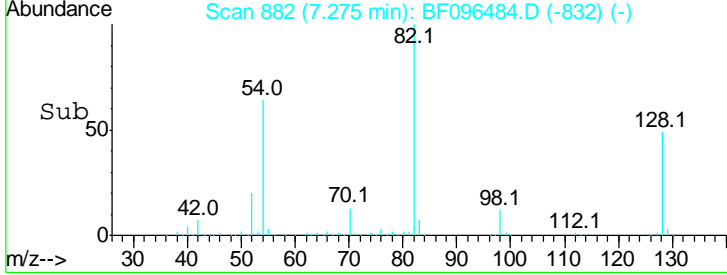
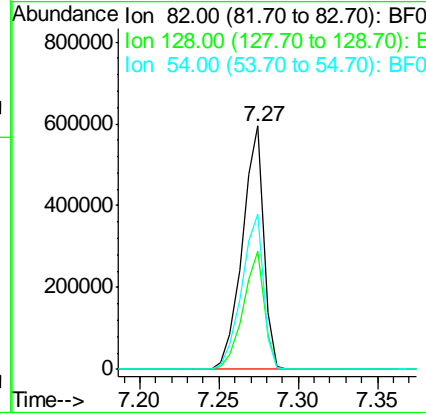
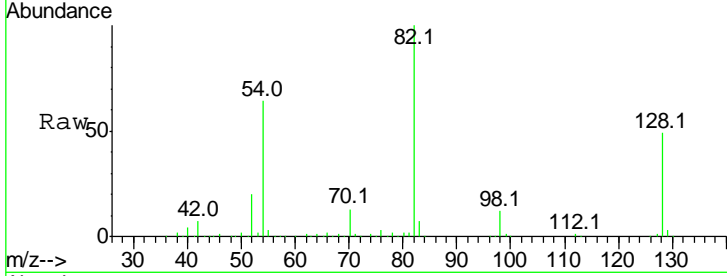




#23
 Nitrobenzene-d5
 Concen: 67.33 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

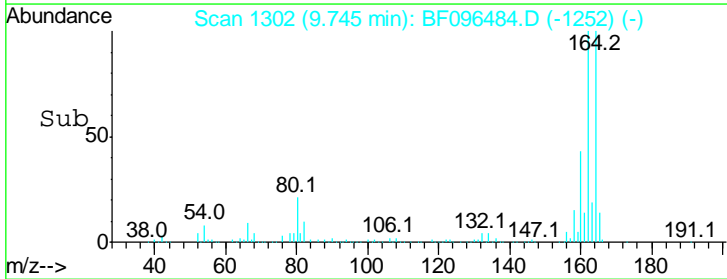
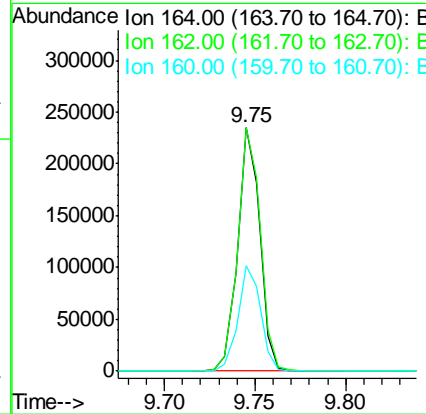
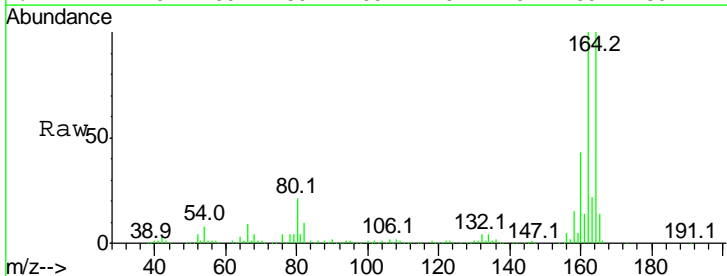
Instrument :
 BNA_F
ClientSampleId :
 POSTEX-51-20170622

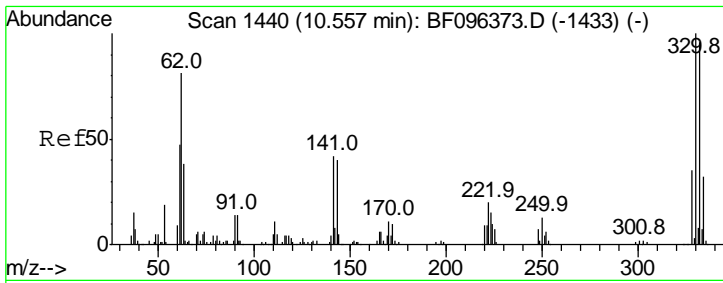
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 82 | 100 | | |
| 128 | 48.6 | 34.0 | 51.0 |
| 54 | 63.9 | 42.2 | 63.2# |



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 164 | 100 | | |
| 162 | 100.1 | 82.6 | 123.8 |
| 160 | 43.3 | 36.2 | 54.2 |

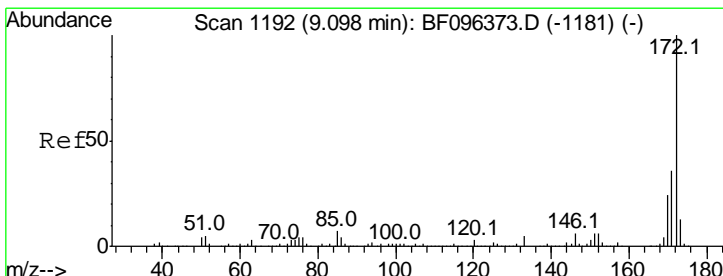
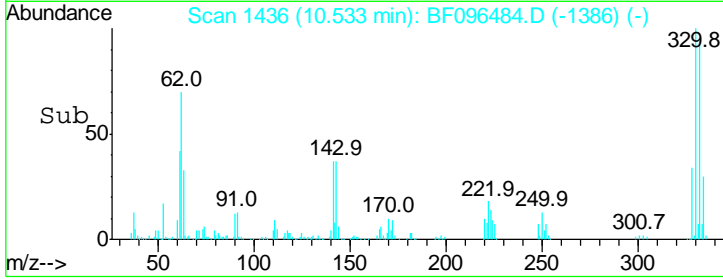
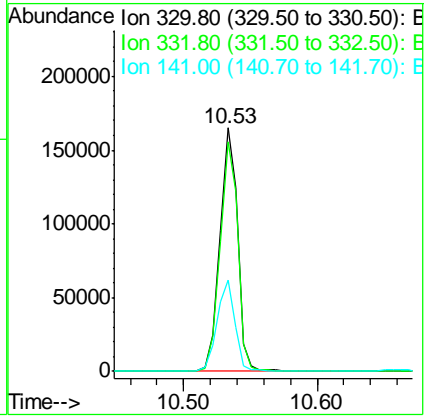
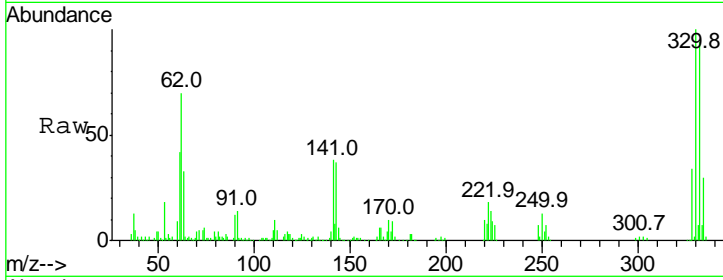




#41
 2,4,6-Tribromophenol
 Concen: 99.73 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

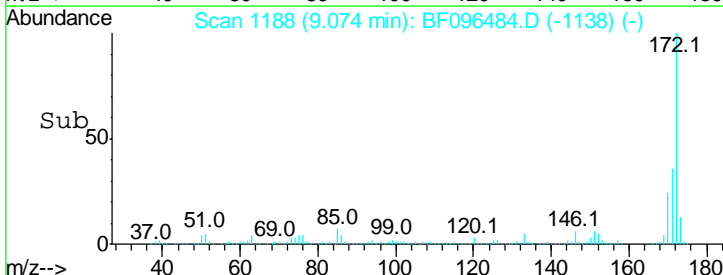
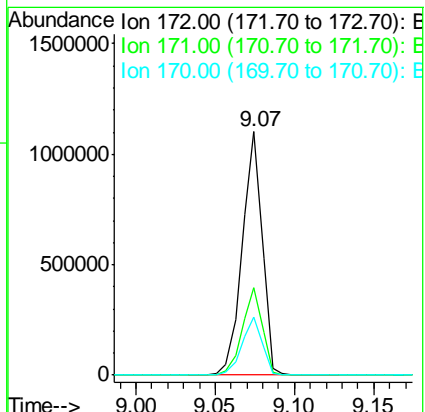
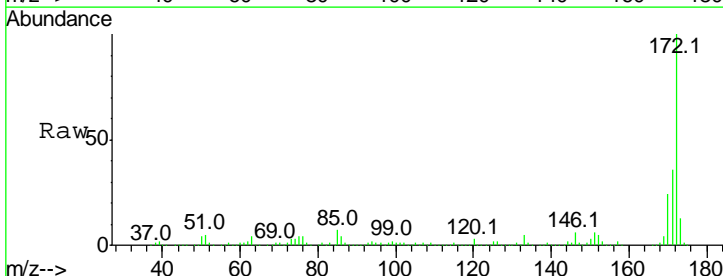
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

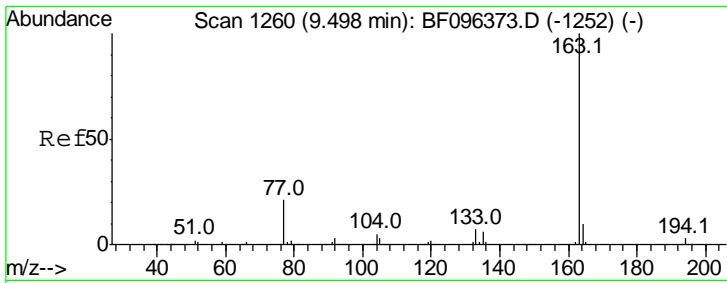
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330 | 100 | | |
| 332 | 95.0 | 76.6 | 115.0 |
| 141 | 38.4 | 31.4 | 47.2 |



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 36.0 | 29.6 | 44.4 |
| 170 | 23.8 | 19.8 | 29.8 |

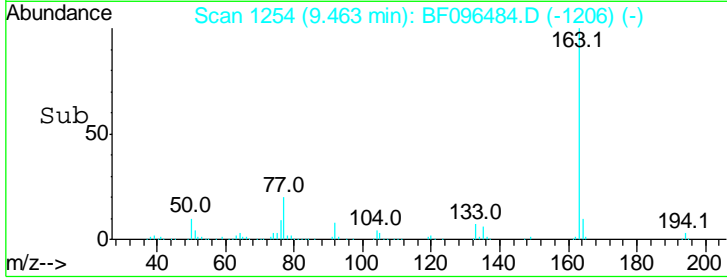
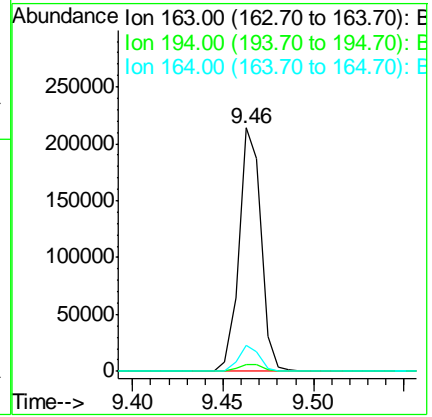
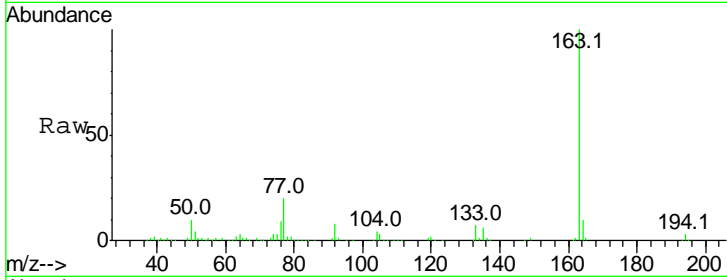




#49
 Dimethylphthalate
 Concen: 12.17 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

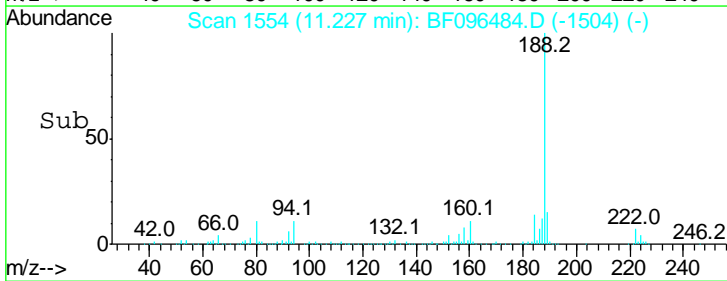
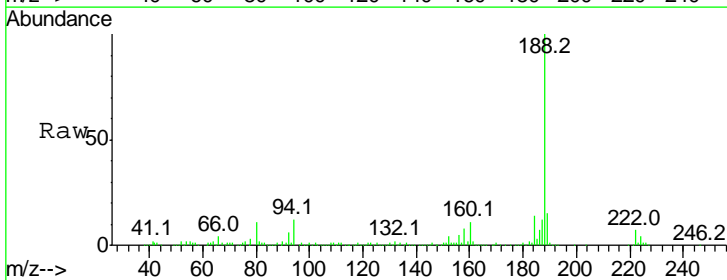
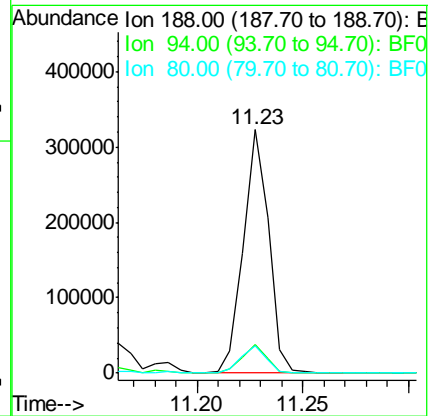
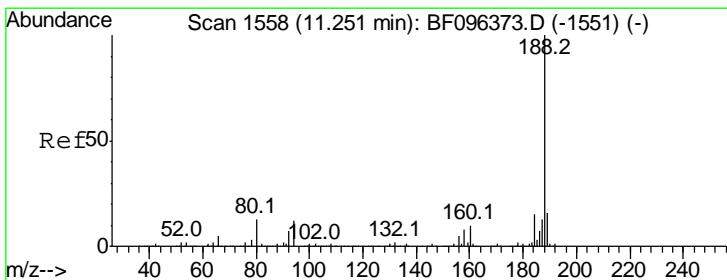
Instrument :
 BNA_F
ClientSampled :
 POSTEX-51-20170622

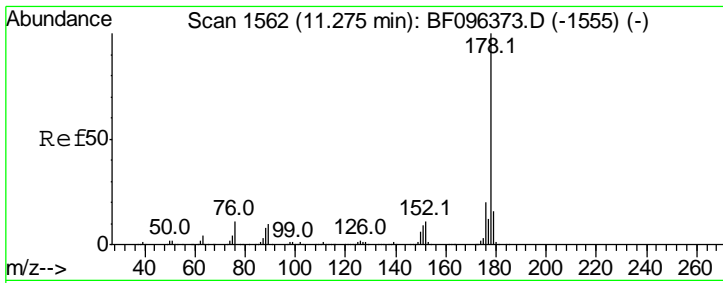
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 163 | 100 | | |
| 194 | 2.9 | 2.6 | 4.0 |
| 164 | 10.5 | 8.4 | 12.6 |



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188 | 100 | | |
| 94 | 11.5 | 9.4 | 14.2 |
| 80 | 11.4 | 10.2 | 15.2 |

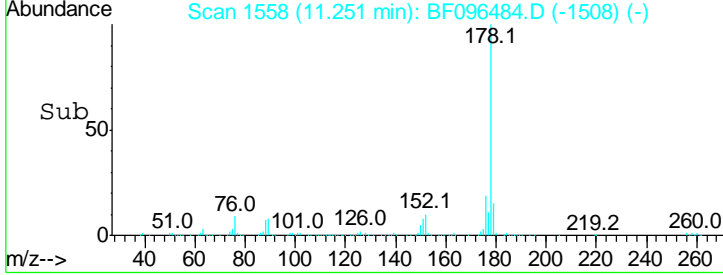
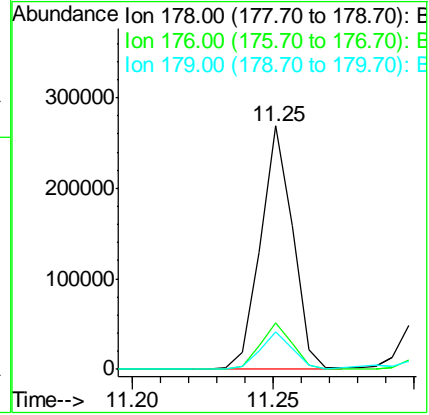
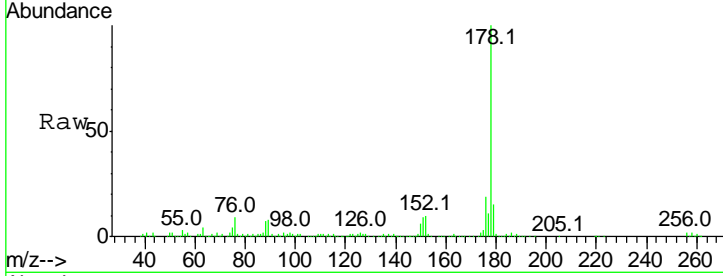




#70
 Phenanthrene
 Concen: 14.70 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

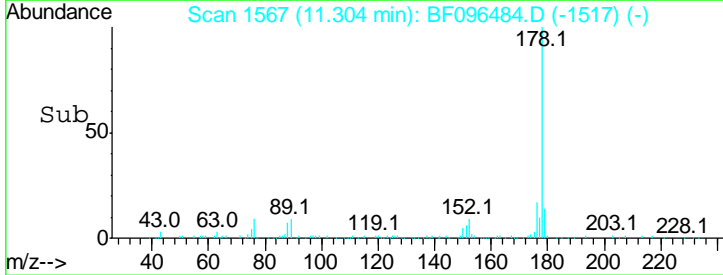
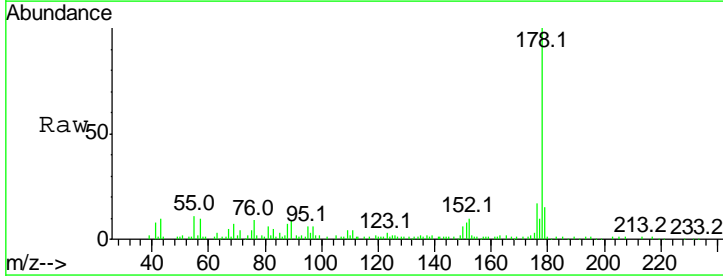
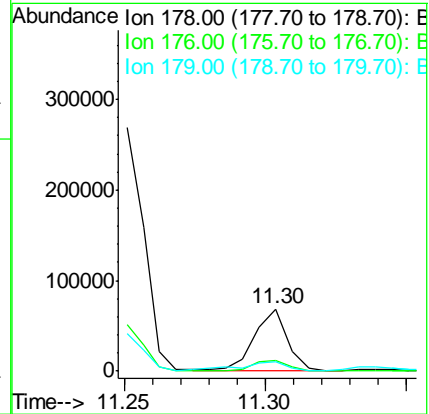
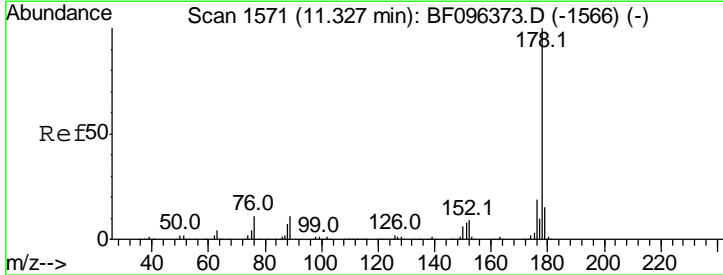
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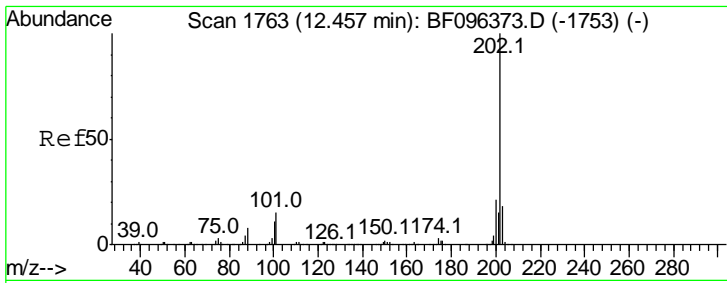
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 178 | 100 | | |
| 176 | 18.9 | 16.2 | 24.4 |
| 179 | 15.2 | 12.6 | 19.0 |



#71
 Anthracene
 Concen: 3.74 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 178 | 100 | | |
| 176 | 17.0 | 15.8 | 23.8 |
| 179 | 15.1 | 12.7 | 19.1 |

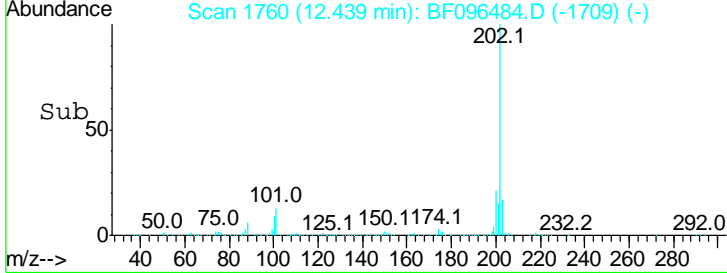
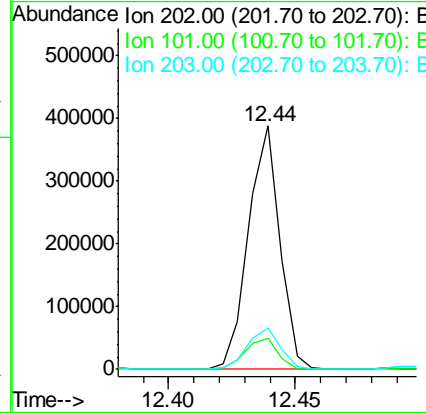
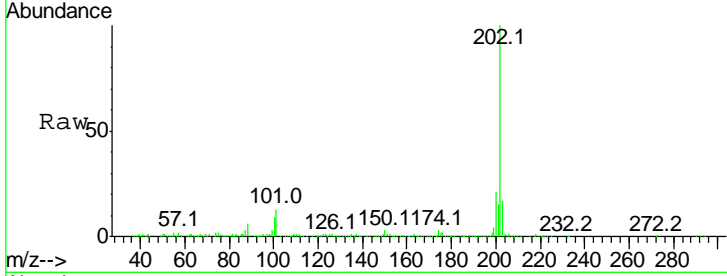




#74
 Fluoranthene
 Concen: 23.61 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

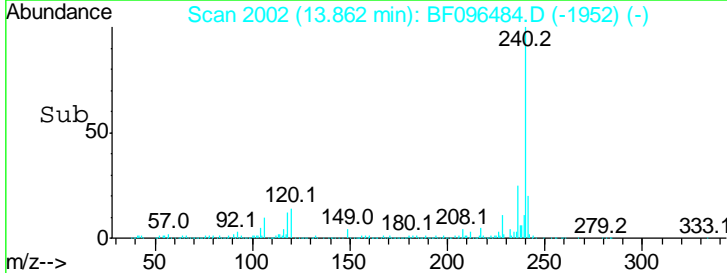
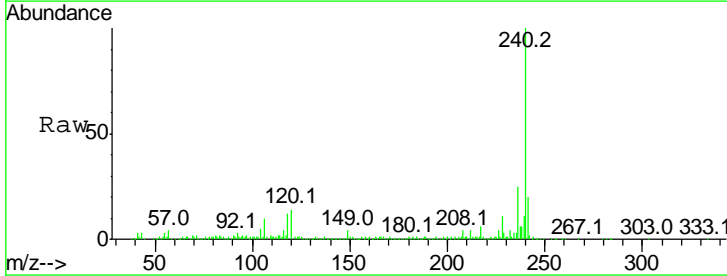
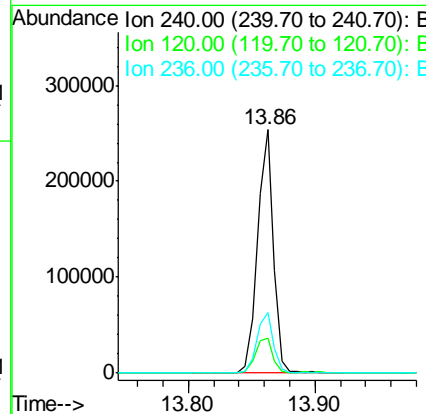
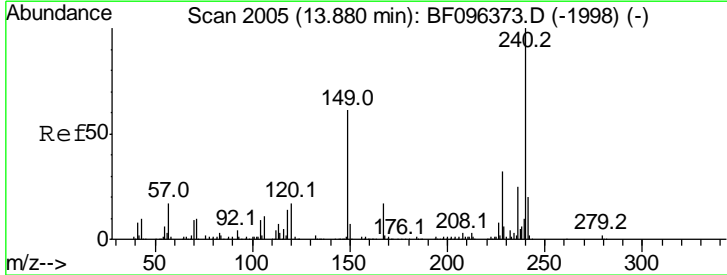
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

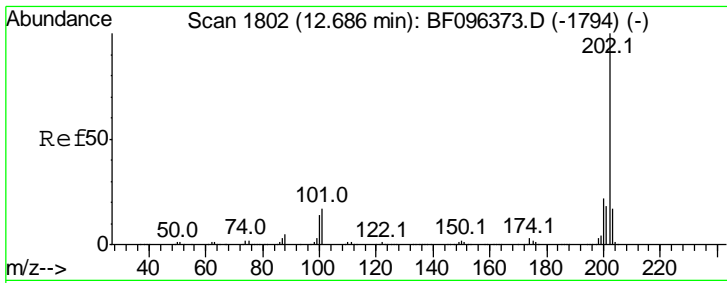
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 101 | 12.7 | 0.0 | 33.2 |
| 203 | 16.9 | 0.0 | 38.1 |



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240 | 100 | | |
| 120 | 14.1 | 5.8 | 8.8# |
| 236 | 25.1 | 20.5 | 30.7 |

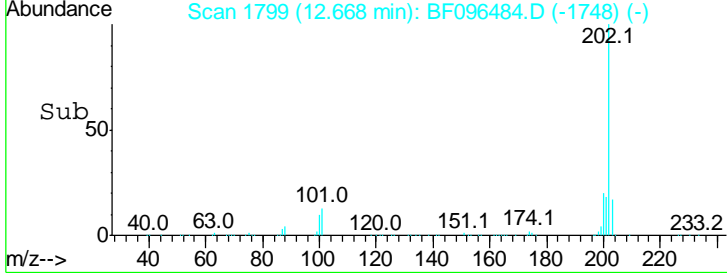
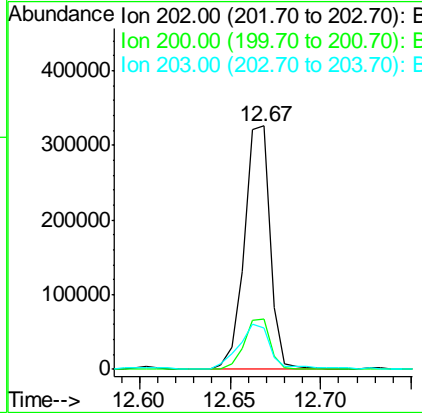
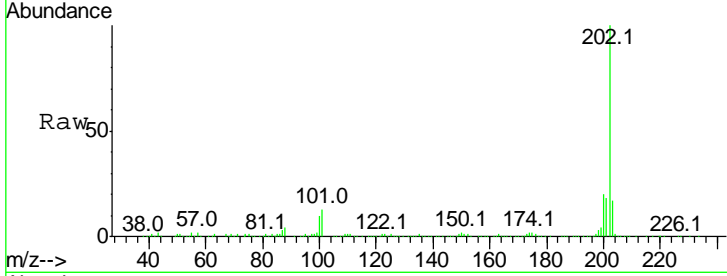




#77
 Pyrene
 Concen: 17.71 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

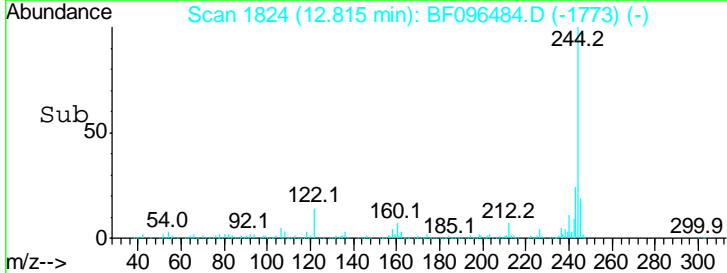
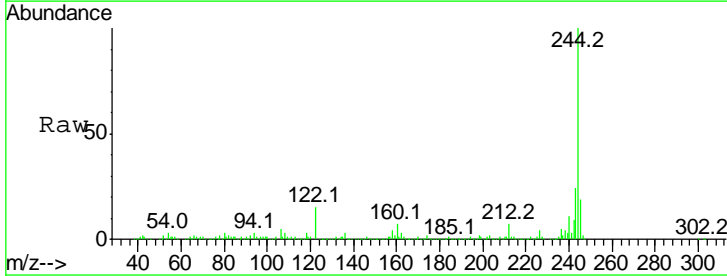
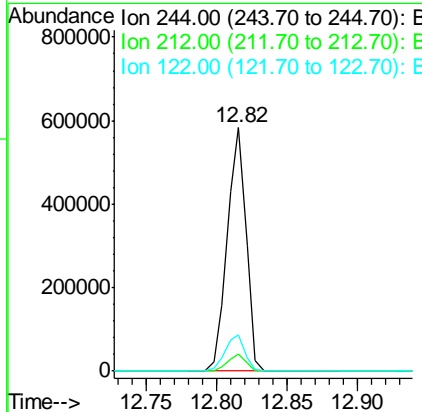
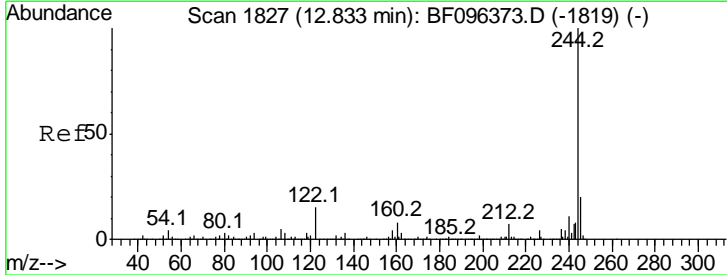
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

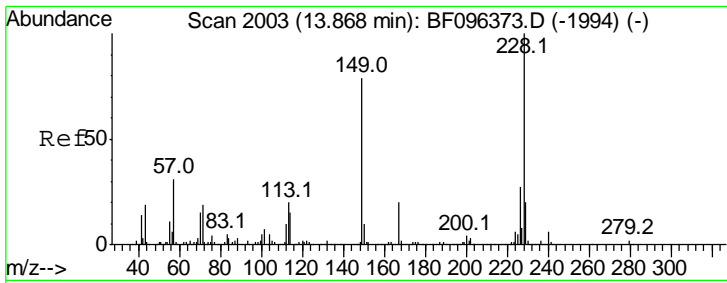
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 200 | 20.5 | 17.6 | 26.4 |
| 203 | 17.2 | 14.4 | 21.6 |



#78
 Terphenyl-d14
 Concen: 51.56 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 244 | 100 | | |
| 212 | 6.8 | 6.0 | 9.0 |
| 122 | 14.6 | 10.3 | 15.5 |

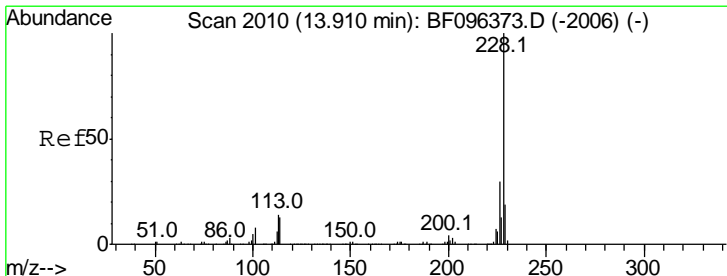
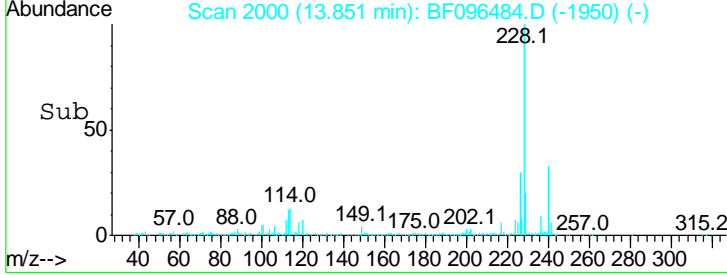
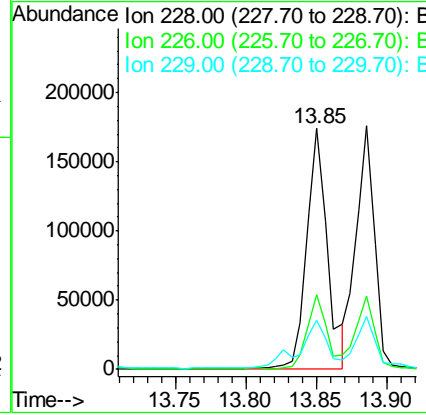
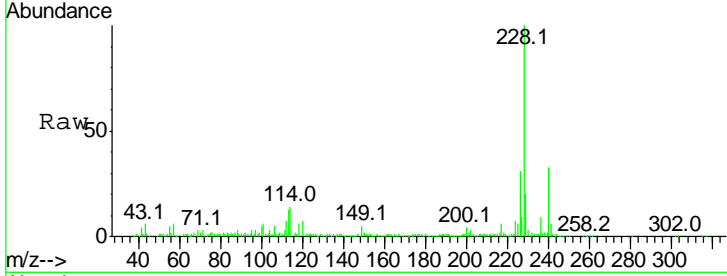




#80
 Benzo(a)anthracene
 Concen: 13.55 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

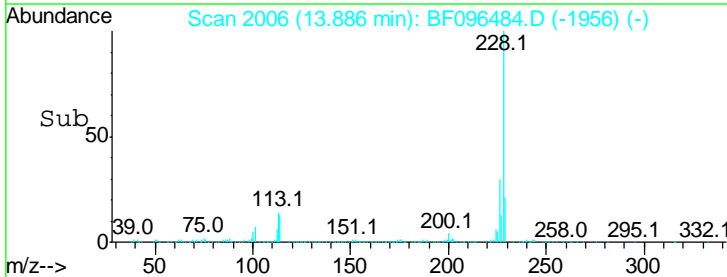
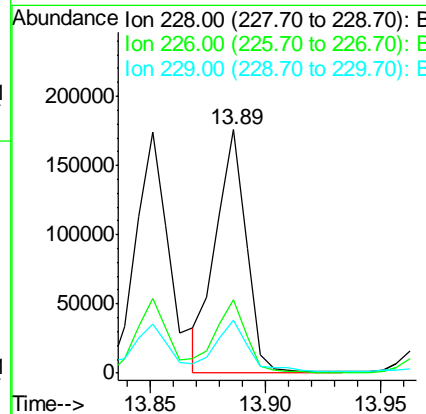
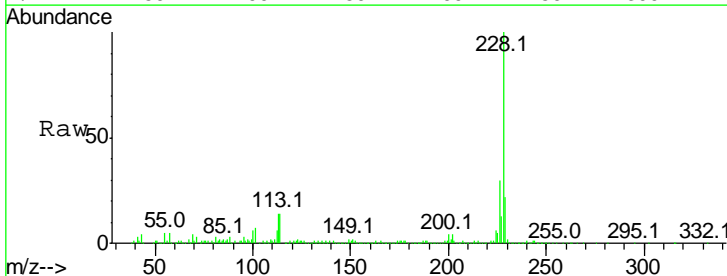
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

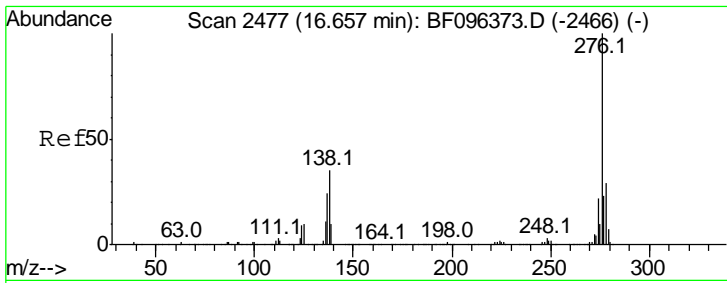
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 228 | 176004 | | |
| 226 | 30.9 | 22.6 | 33.8 |
| 229 | 20.4 | 16.3 | 24.5 |



#82
 Chrysene
 Concen: 11.75 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 228 | 159820 | | |
| 226 | 30.2 | 24.9 | 37.3 |
| 229 | 21.6 | 15.8 | 23.6 |

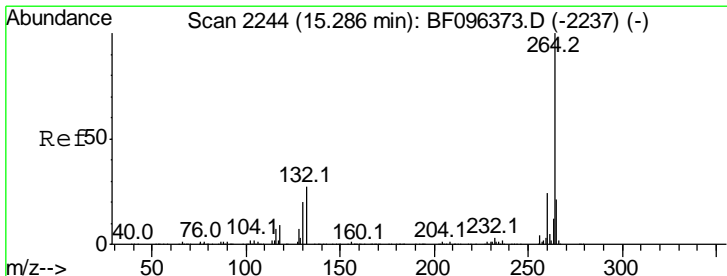
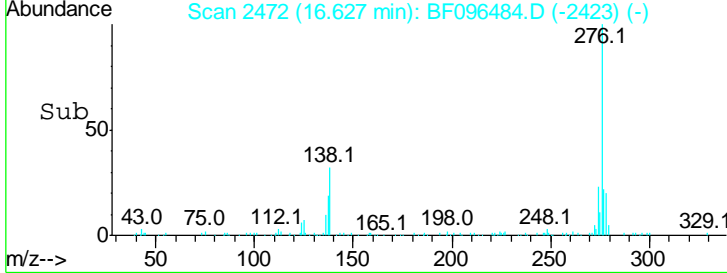
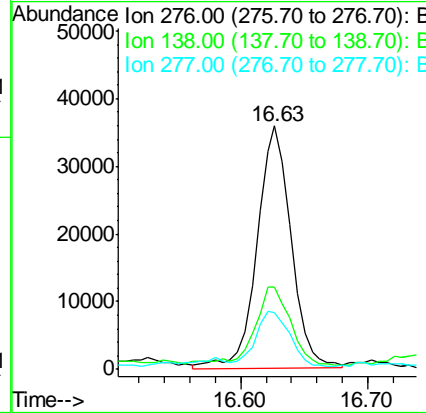
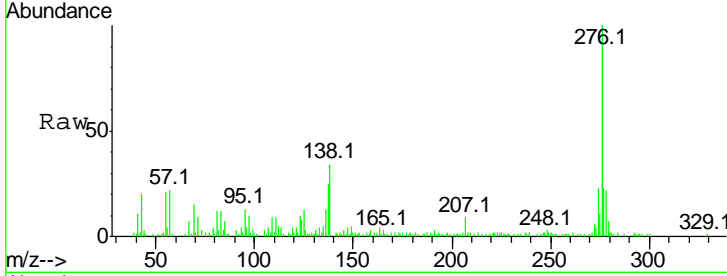




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.23 ng
 RT: 16.63 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

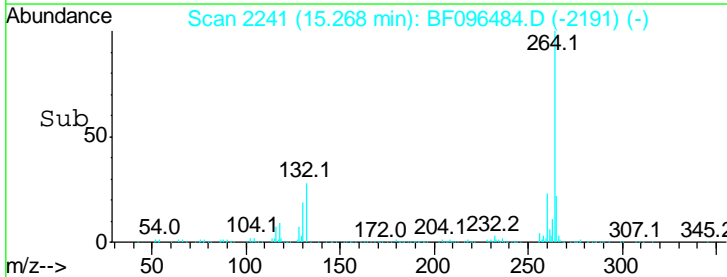
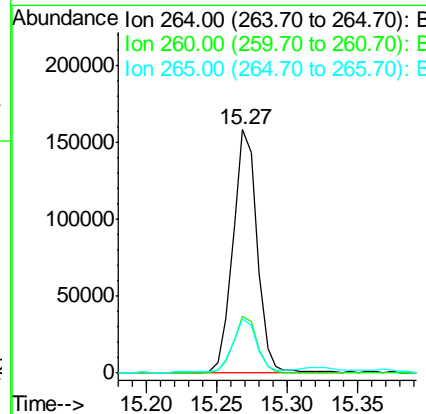
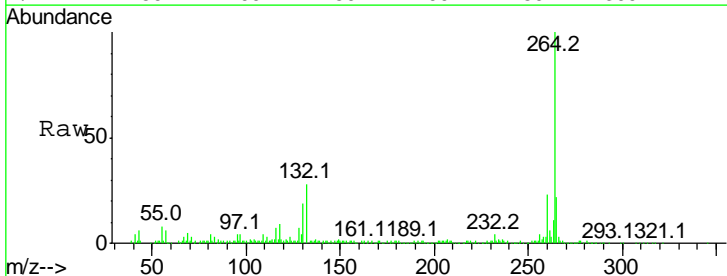
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

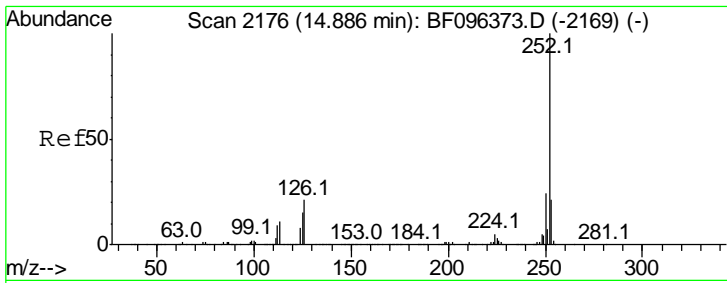
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 276 | 100 | | |
| 138 | 33.8 | 27.8 | 41.6 |
| 277 | 25.3 | 20.2 | 30.4 |



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 264 | 100 | | |
| 260 | 23.4 | 19.5 | 29.3 |
| 265 | 22.0 | 17.2 | 25.8 |

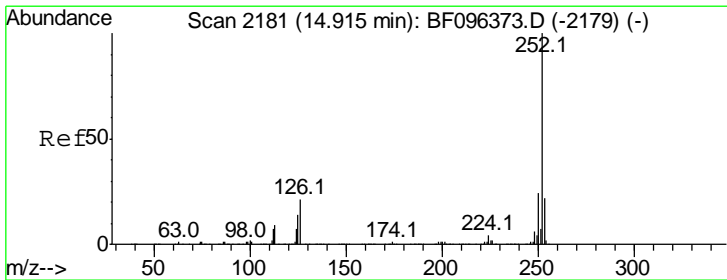
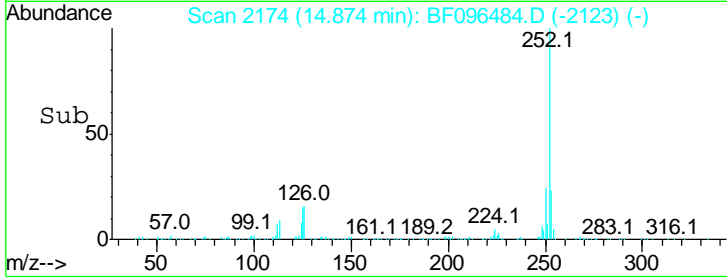
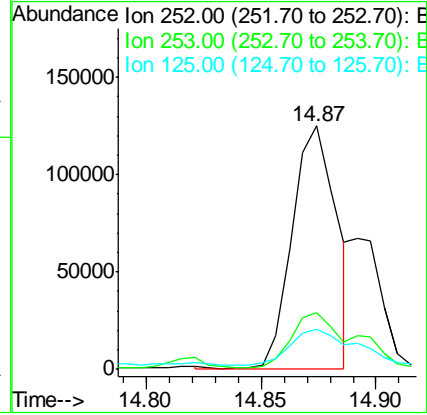
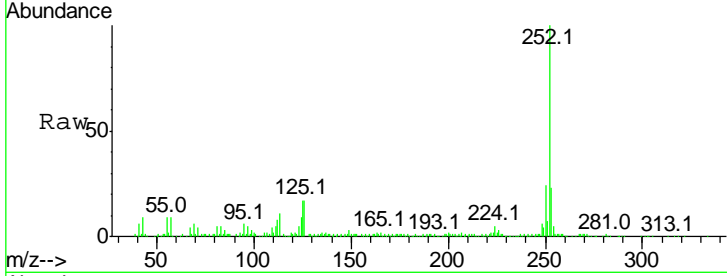




#87
 Benzo(b)fluoranthene
 Concen: 14.33 ng m
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

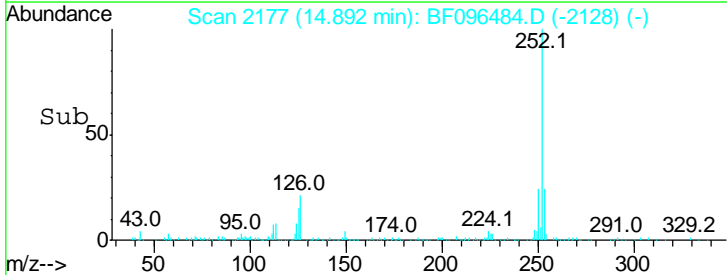
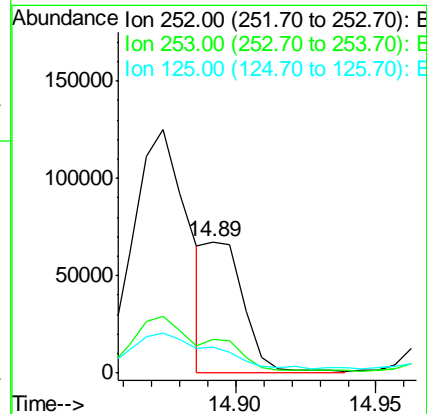
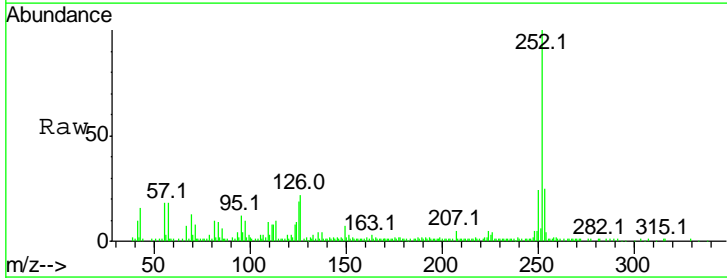
Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622

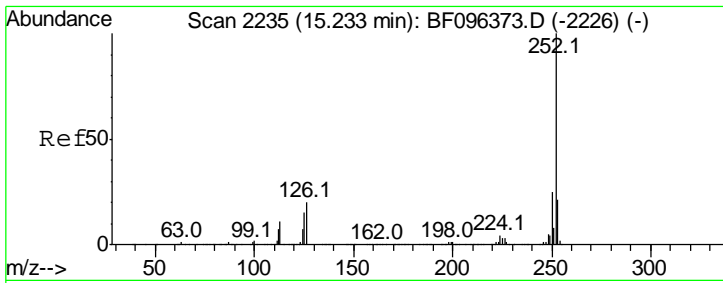
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 252 | 100 | | |
| 253 | 23.2 | 18.1 | 27.1 |
| 125 | 16.7 | 9.8 | 14.8# |



#88
 Benzo(k)fluoranthene
 Concen: 6.06 ng m
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 252 | 100 | | |
| 253 | 25.3 | 18.4 | 27.6 |
| 125 | 19.5 | 13.1 | 19.7 |

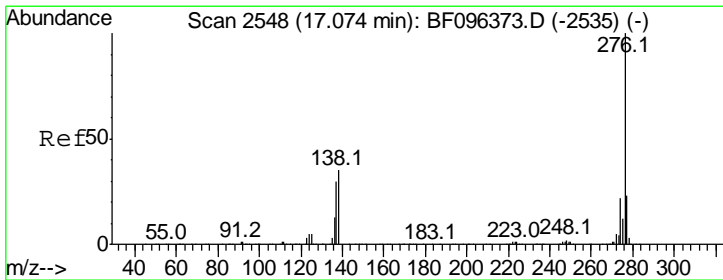
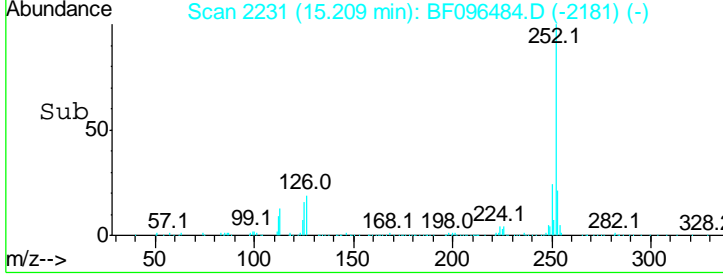
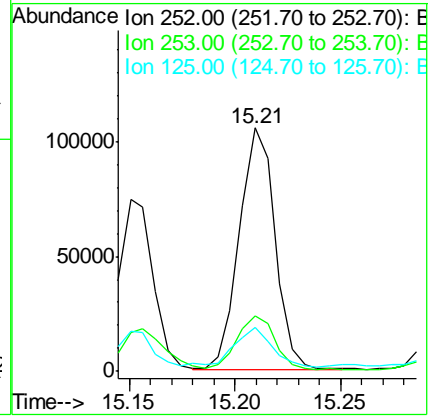
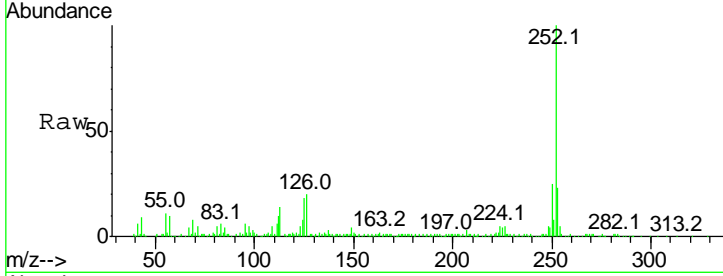




#89
 Benzo(a)pyrene
 Concen: 11.82 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

Instrument : BNA_F
 ClientSampleId : POSTEX-51-20170622

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 252 | 100 | | |
| 253 | 22.6 | 17.5 | 26.3 |
| 125 | 18.2 | 11.0 | 16.4 |



#91
 Benzo(g,h,i)perylene
 Concen: 6.71 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BF096484.D
 Acq: 5 Jul 2017 15:20

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 276 | 100 | | |
| 277 | 25.3 | 18.6 | 28.0 |
| 138 | 34.1 | 25.4 | 38.0 |

