

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094923.D
 Acq On : 5 May 2017 18:33
 Operator : SJ/MA
 Sample : I2956-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 18:59:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

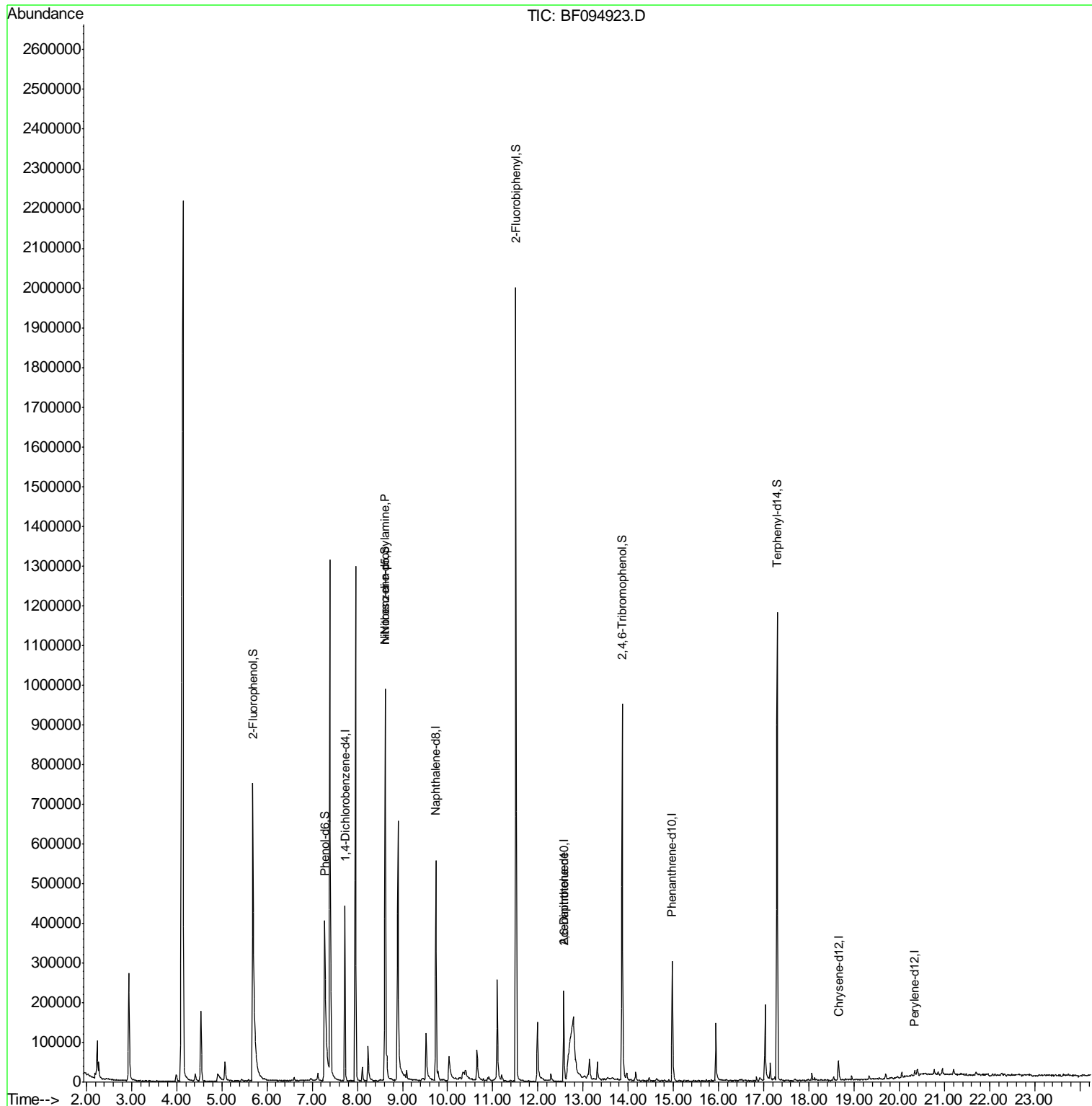
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 91821 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 9.74 | 136 | 338393 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 12.57 | 164 | 51871 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 14.97 | 188 | 132147 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 18.65 | 240 | 16579 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 20.33 | 264 | 248 | 20.00 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 547818 | 99.47 | ng | 0.01 |
| 7) Phenol-d6 | 7.28 | 99 | 251694 | 38.09 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.62 | 82 | 438776 | 81.76 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.87 | 330 | 165796 | 390.29 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 11.51 | 172 | 895172 | 248.40 | ng | -0.02 |
| 78) Terphenyl-d14 | 17.29 | 244 | 294229 | 390.89 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 8.62 | 70 | 56370 | 12.61 | ng | # 75 |
| 50) 2,6-Dinitrotoluene | 12.57 | 165 | 5430 | 6.25 | ng | # 31 |

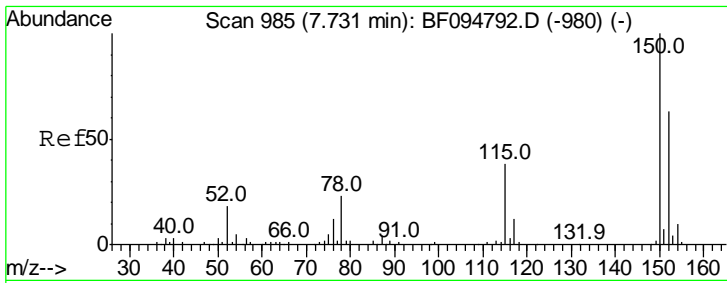
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

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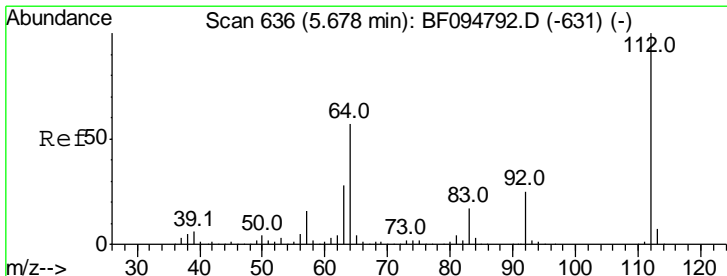
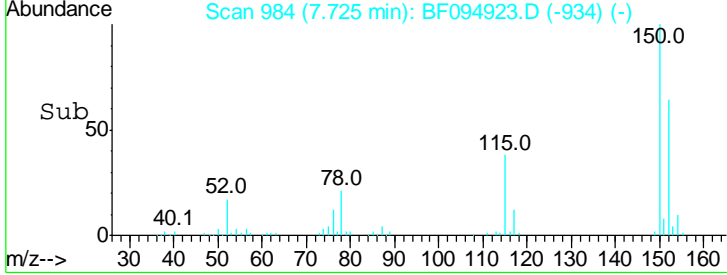
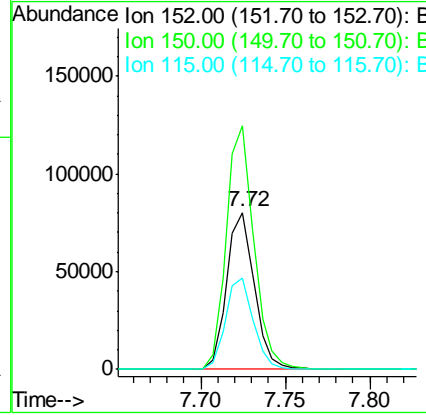
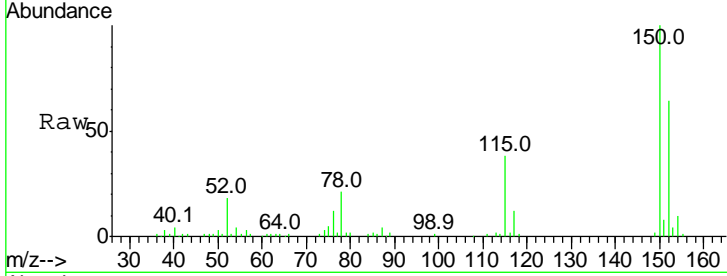




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

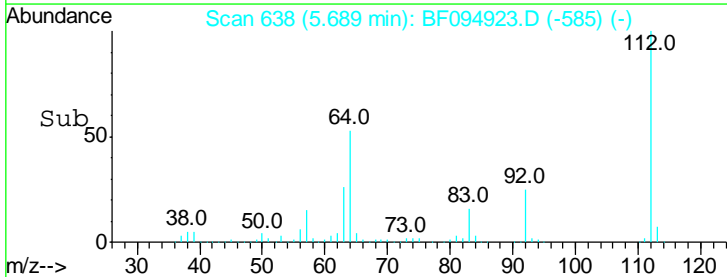
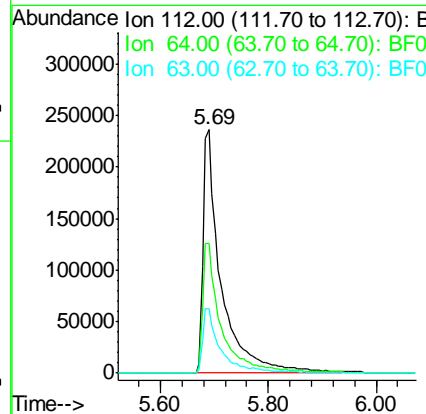
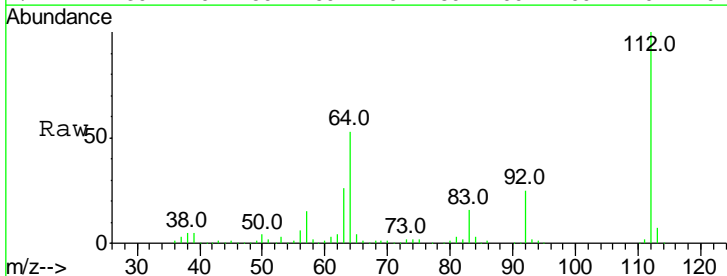
Instrument :
 BNA_F
 ClientSampled :

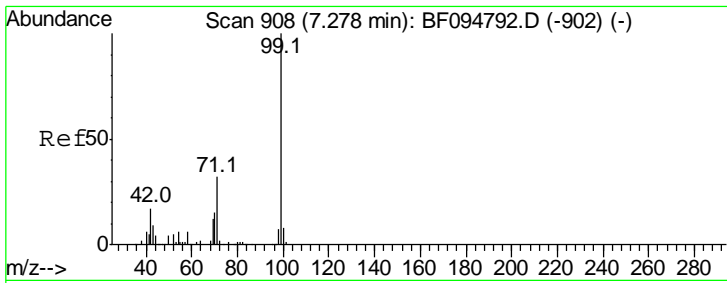
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 152 | 91821 | | |
| 152 | 100 | | |
| 150 | 155.1 | 126.2 | 189.2 |
| 115 | 58.6 | 52.2 | 78.2 |



#5
 2-Fluorophenol
 Concen: 99.47 ng
 RT: 5.69 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 112 | 547818 | | |
| 112 | 100 | | |
| 64 | 53.1 | 46.0 | 69.0 |
| 63 | 26.2 | 23.4 | 35.0 |

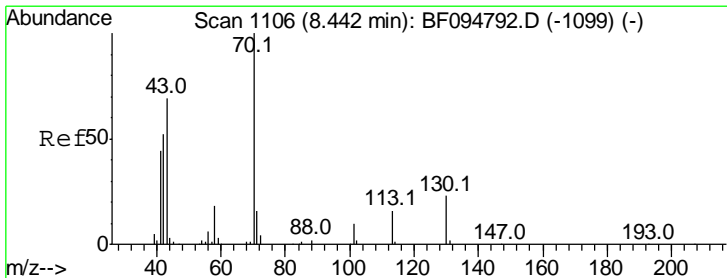
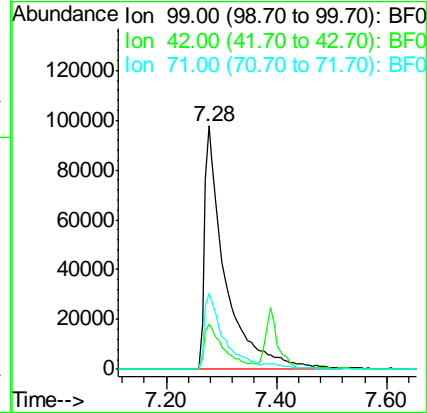
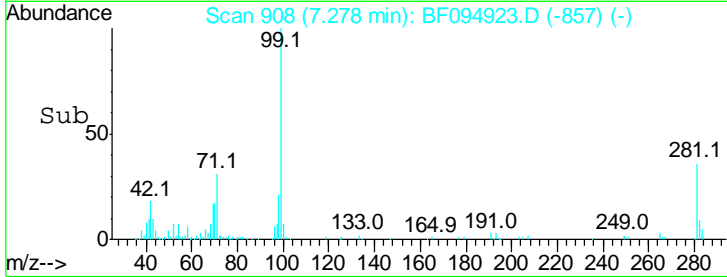
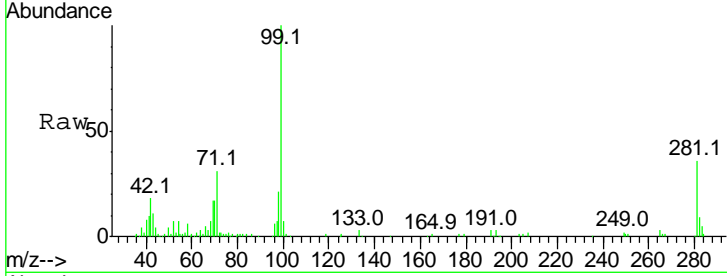




#7
 Phenol-d6
 Concen: 38.09 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

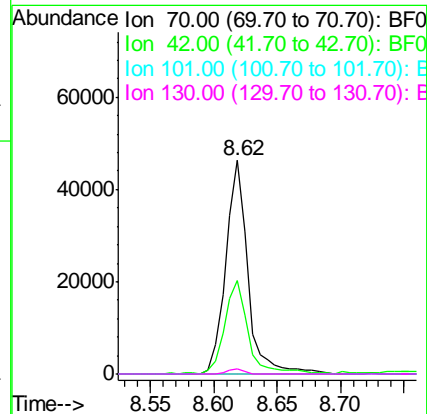
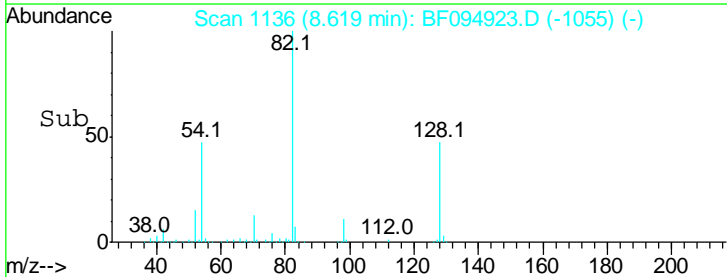
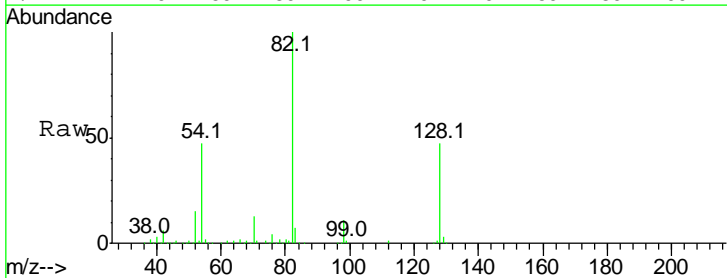
Instrument :
 BNA_F
 ClientSampled :

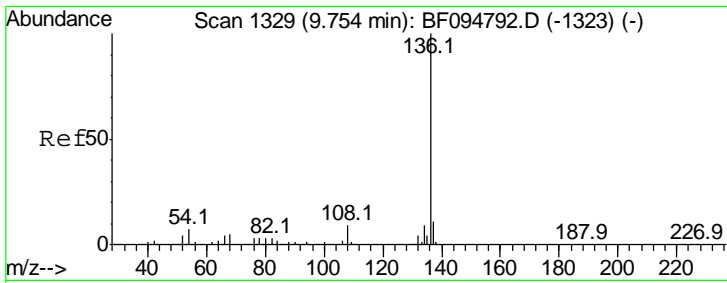
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 99 | 100 | | |
| 42 | 18.4 | 13.5 | 20.3 |
| 71 | 31.2 | 24.5 | 36.7 |



#19
 n-Nitroso-di-n-propylamine
 Concen: 12.61 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. 0.18 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 70 | 100 | | |
| 42 | 43.9 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.3 | 15.9 | 23.9# |

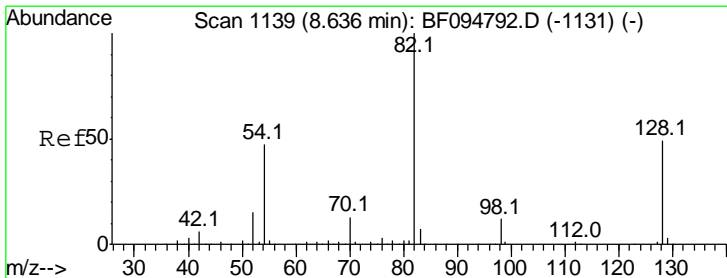
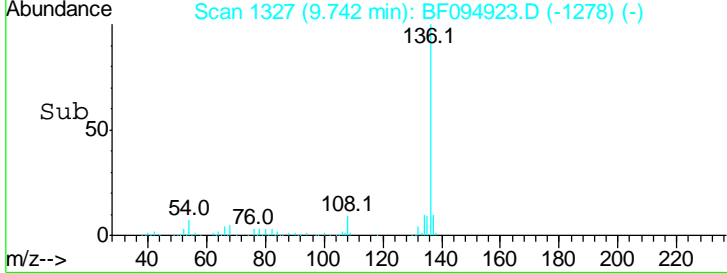
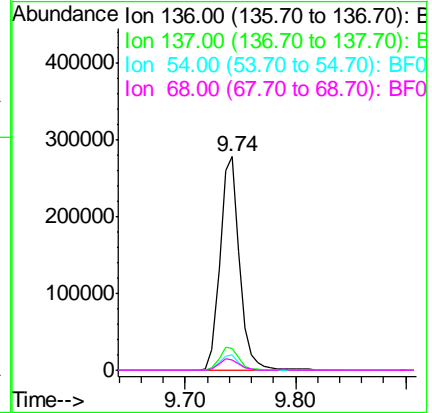
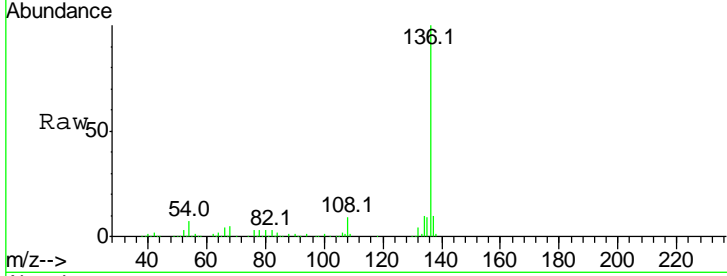




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.74 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

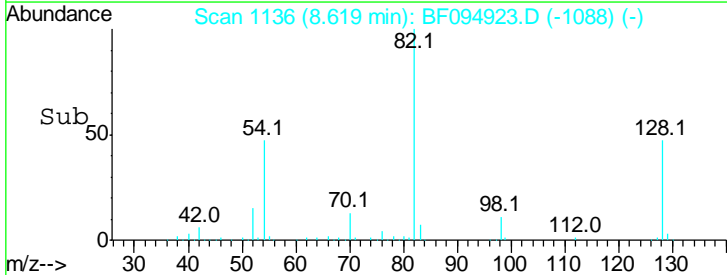
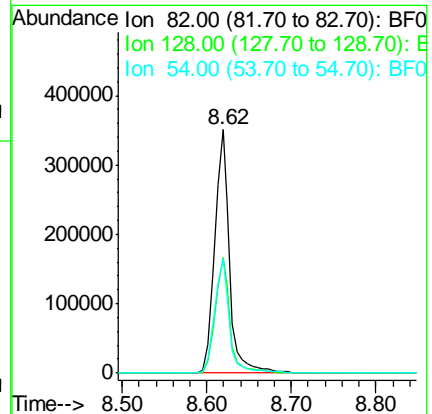
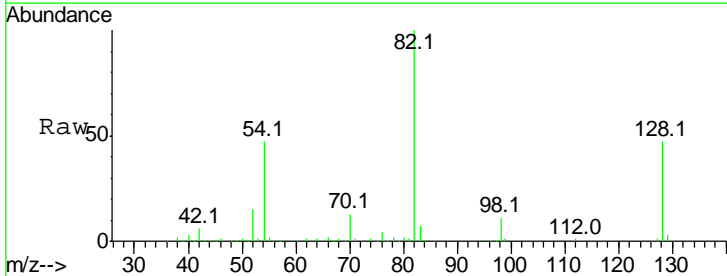
Instrument :
 BNA_F
 ClientSampled :

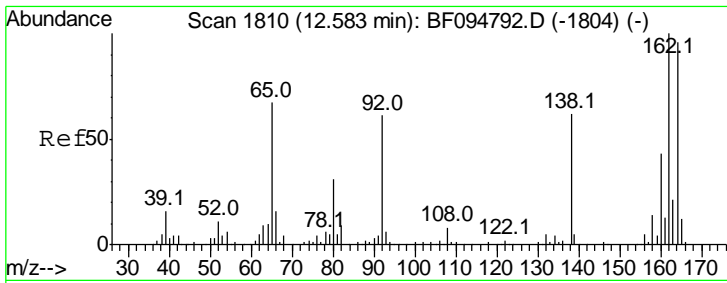
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 136 | 100 | | |
| 137 | 10.0 | 8.5 | 12.7 |
| 54 | 7.3 | 4.9 | 7.3# |
| 68 | 5.0 | 4.1 | 6.1 |



#23
 Nitrobenzene-d5
 Concen: 81.76 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 82 | 100 | | |
| 128 | 47.2 | 34.0 | 51.0 |
| 54 | 46.8 | 42.2 | 63.2 |



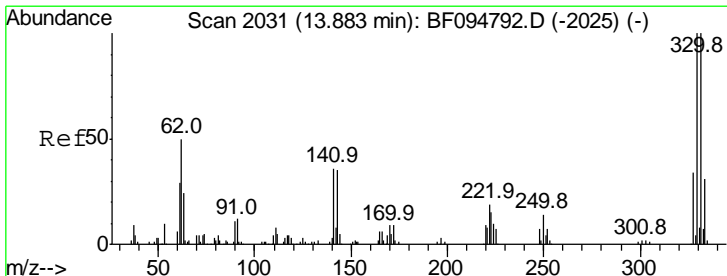
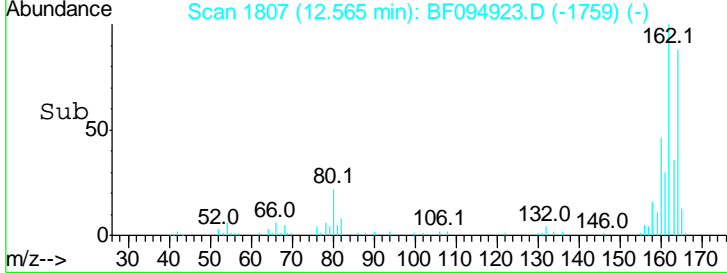
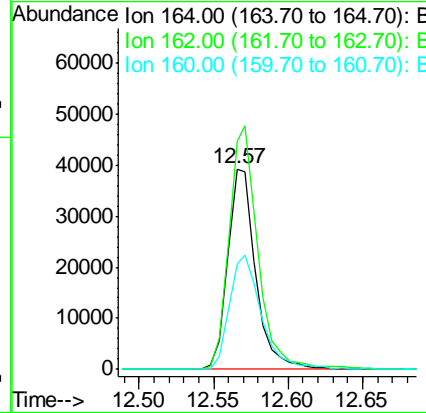
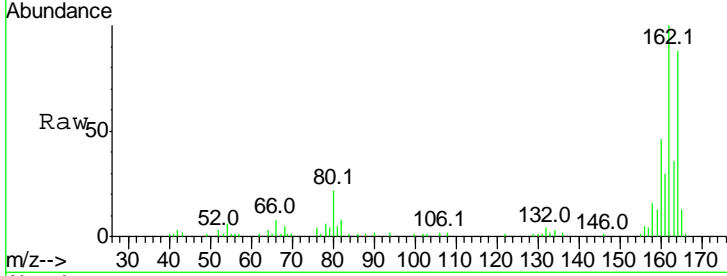


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:164 Resp: 51871

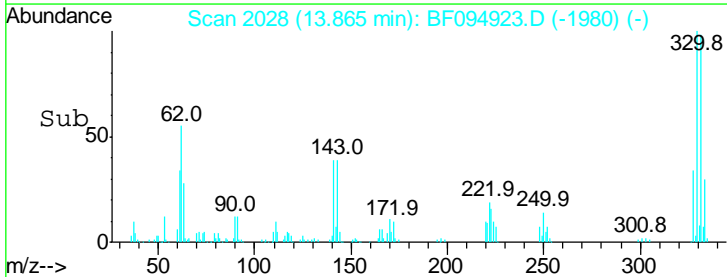
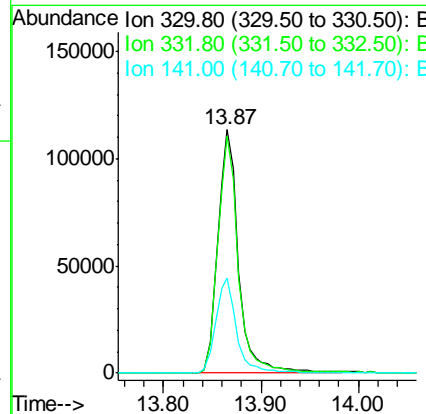
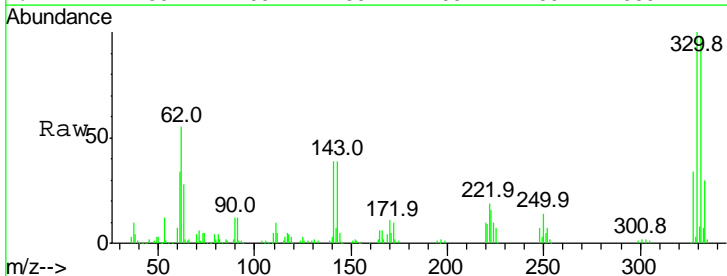
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100 | | |
| 162 | 114.1 | 82.6 | 123.8 |
| 160 | 52.8 | 36.2 | 54.2 |

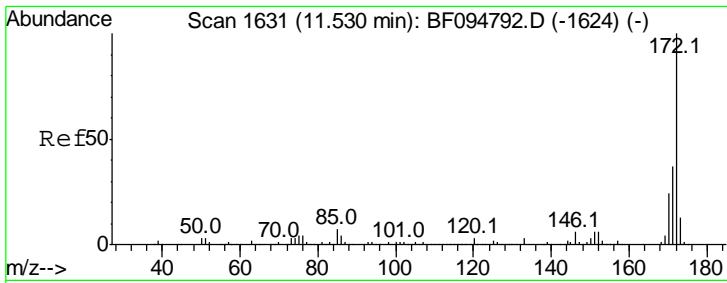


#41
 2,4,6-Tribromophenol
 Concen: 390.29 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

Tgt Ion:330 Resp: 165796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100 | | |
| 332 | 97.4 | 76.6 | 115.0 |
| 141 | 39.3 | 31.4 | 47.2 |

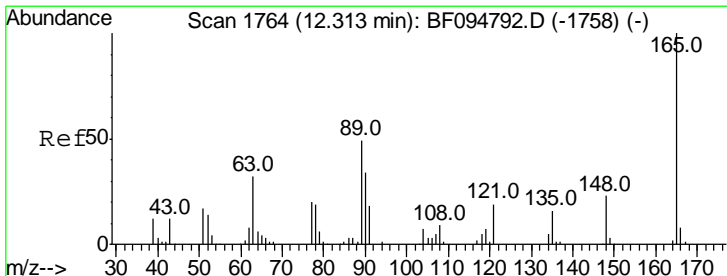
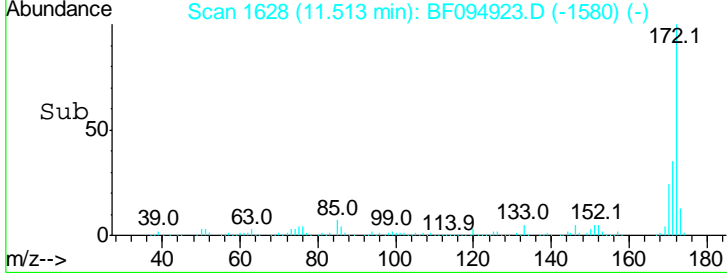
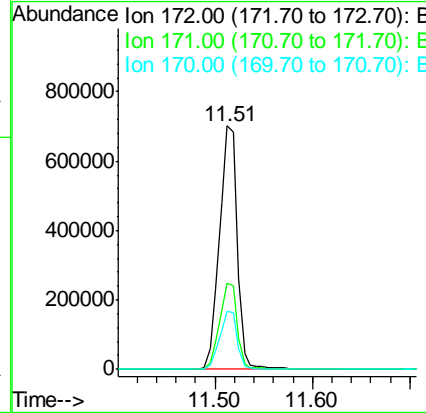
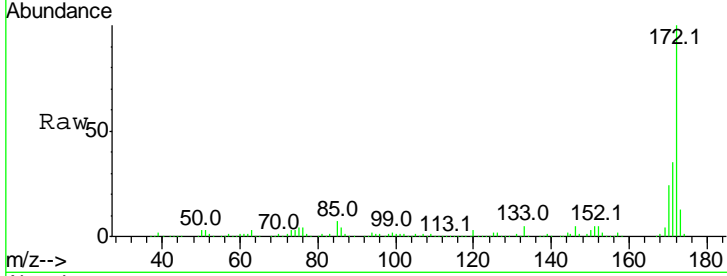




#44
 2-Fluorobiphenyl
 Concen: 248.40 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

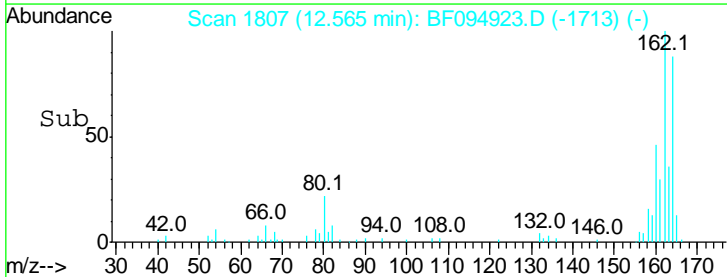
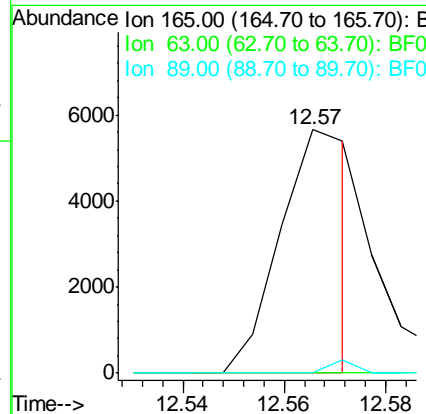
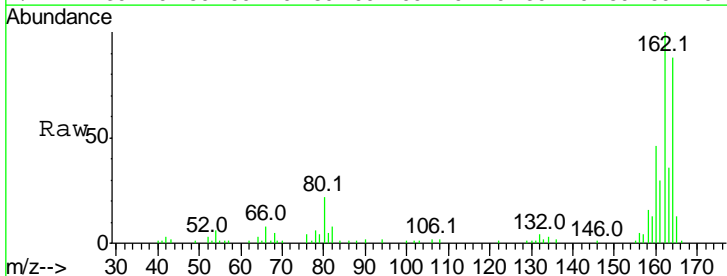
Instrument :
 BNA_F
 ClientSampled :

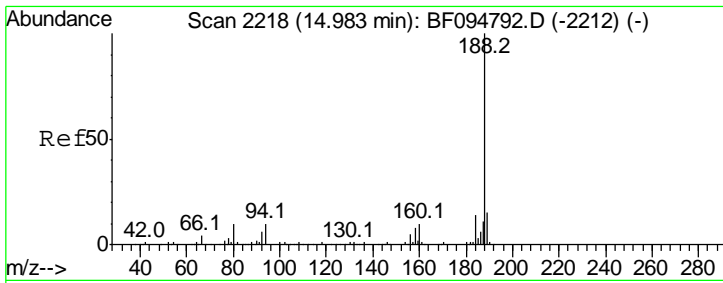
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 35.4 | 29.6 | 44.4 |
| 170 | 23.7 | 19.8 | 29.8 |



#50
 2,6-Dinitrotoluene
 Concen: 6.25 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 165 | 100 | | |
| 63 | 0.0 | 34.3 | 51.5# |
| 89 | 0.0 | 37.1 | 55.7# |

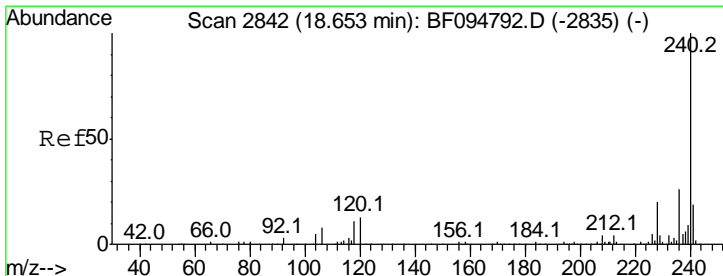
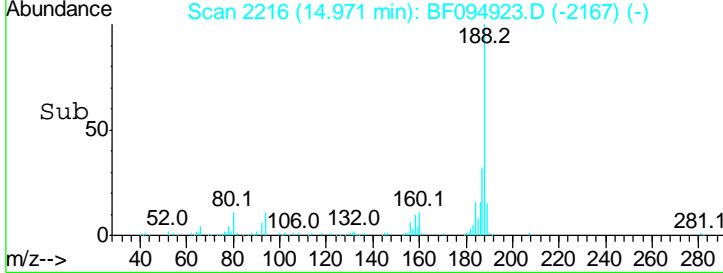
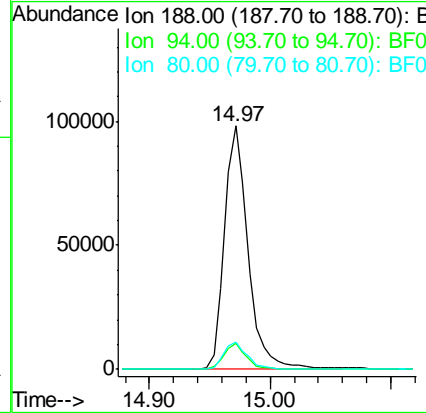
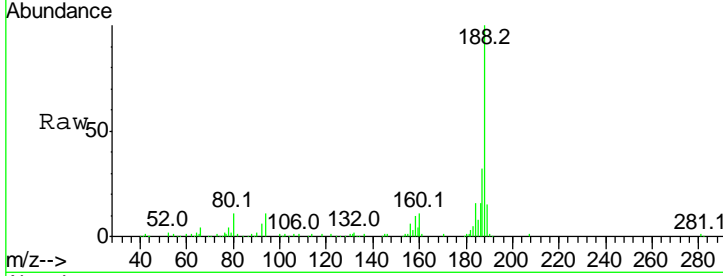




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

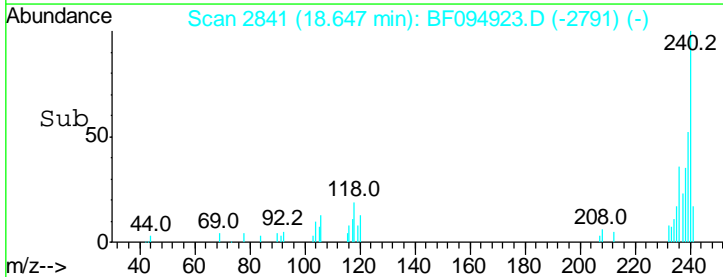
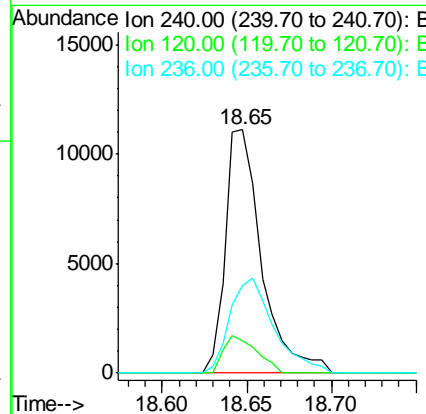
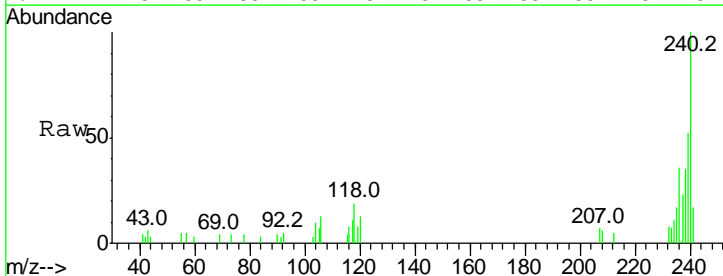
Instrument :
 BNA_F
 ClientSampled :

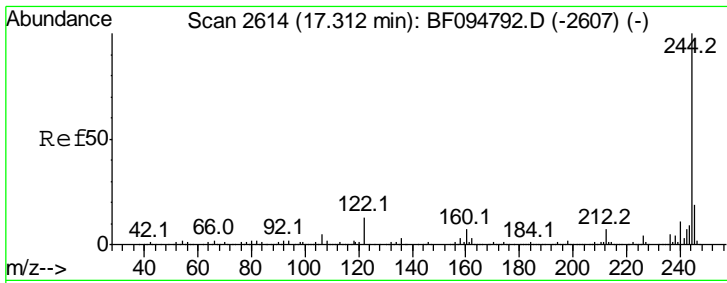
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188 | 100 | | |
| 94 | 10.8 | 9.4 | 14.2 |
| 80 | 11.4 | 10.2 | 15.2 |



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240 | 100 | | |
| 120 | 13.3 | 5.8 | 8.8# |
| 236 | 35.9 | 20.5 | 30.7# |

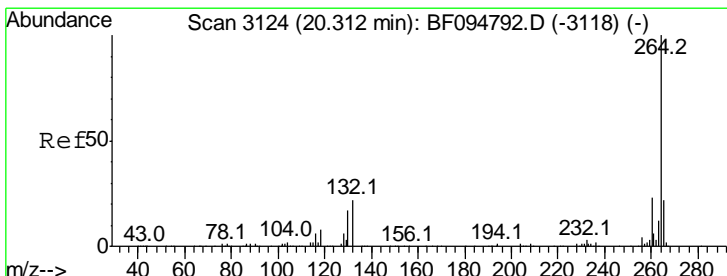
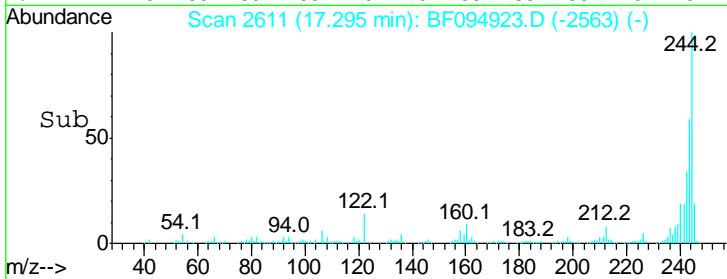
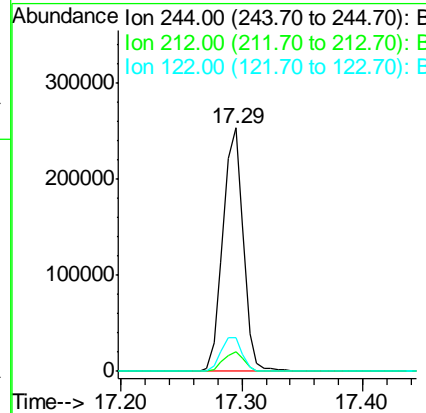
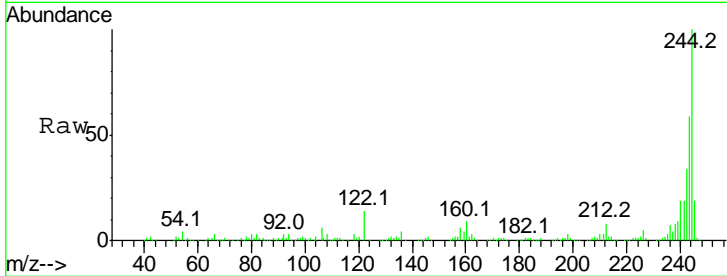




#78
 Terphenyl-d14
 Concen: 390.89 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

Instrument :
 BNA_F
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 244 | 100 | | |
| 212 | 8.0 | 6.0 | 9.0 |
| 122 | 13.8 | 10.3 | 15.5 |



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.33 min Scan# 3127
 Delta R.T. 0.02 min
 Lab File: BF094923.D
 Acq: 5 May 2017 18:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 264 | 100 | | |
| 260 | 0.0 | 19.5 | 29.3# |
| 265 | 0.0 | 17.2 | 25.8# |

