

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114054.D
 Acq On : 30 Apr 2019 20:35
 Operator : JU/SJ
 Sample : K2616-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-A

Quant Time: May 01 06:34:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

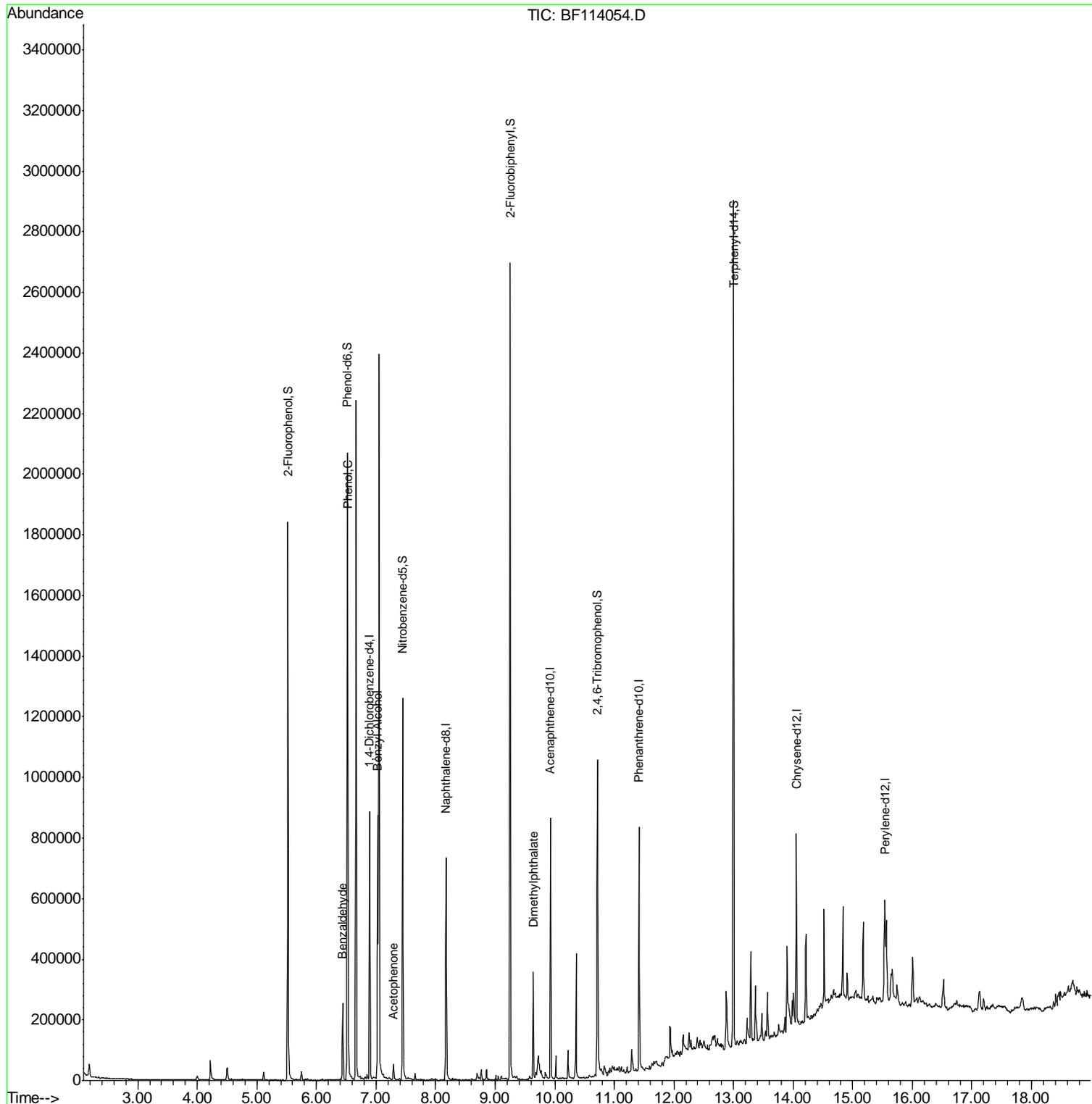
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 126684 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 339871 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.93 | 164 | 167399 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.42 | 188 | 283178 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.05 | 240 | 222033 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 15.54 | 264 | 169531 | 20.00 | ng | -0.03 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 530284 | 71.59 | ng | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 809816 | 87.14 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 399135 | 72.51 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 135108 | 66.25 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.25 | 172 | 894436 | 83.57 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.00 | 244 | 930902 | 85.95 | ng | 0.00 |
| Target Compounds | | | | | | |
| 9) Benzaldehyde | 6.44 | 77 | 48830 | 4.769 | ng | 99 |
| 10) Phenol | 6.53 | 94 | 27447 | 2.470 | ng | 93 |
| 15) Benzyl Alcohol | 7.03 | 79 | 214073 | 34.204 | ng | 97 |
| 22) Acetophenone | 7.29 | 105 | 16803 | 2.222 | ng | # 94 |
| 50) Dimethylphthalate | 9.64 | 163 | 144288 | 11.918 | ng | 97 |

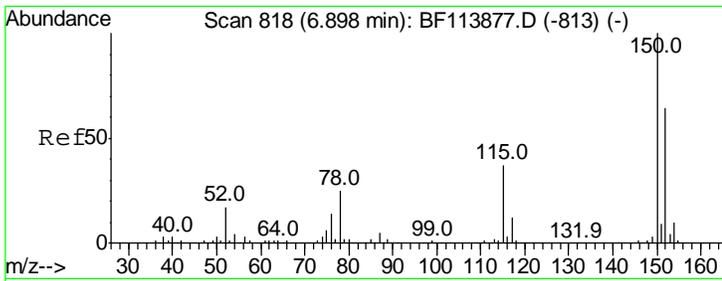
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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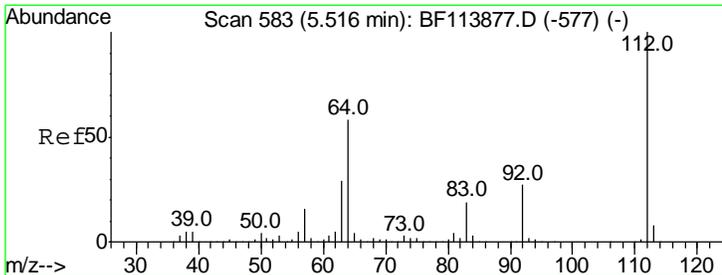
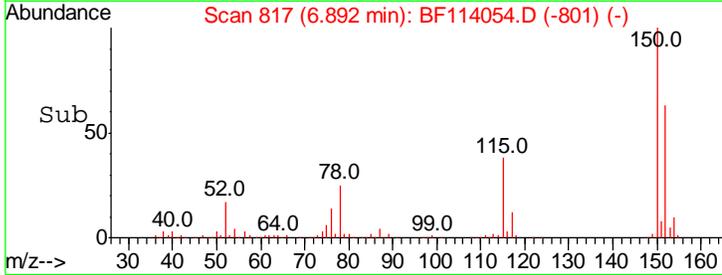
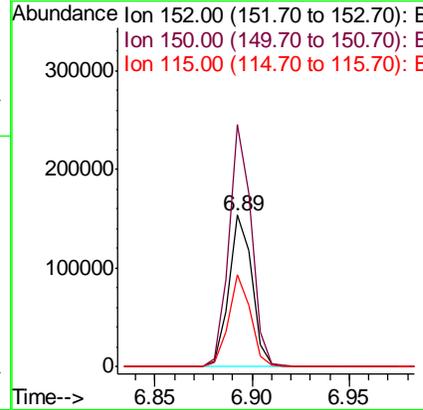
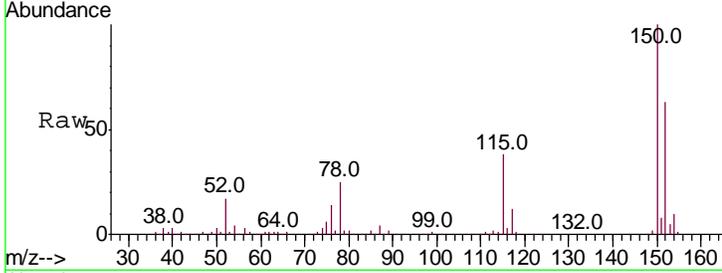




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

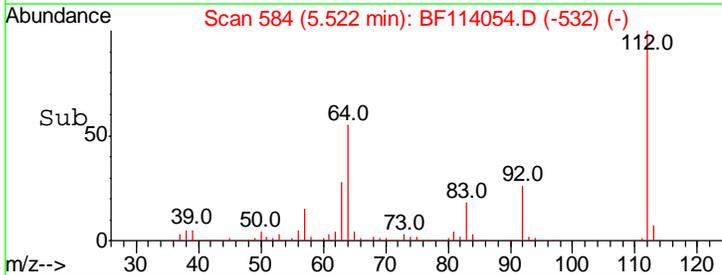
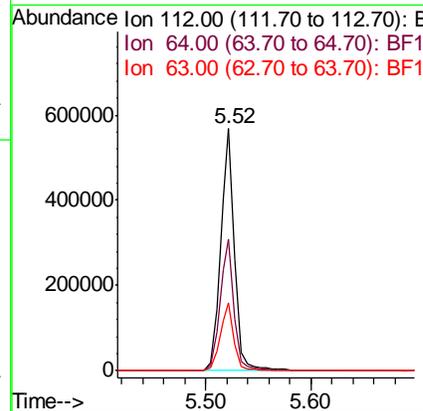
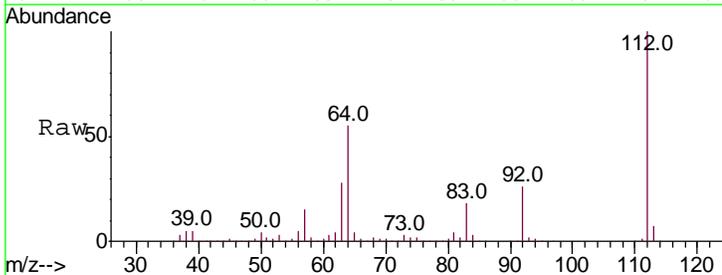
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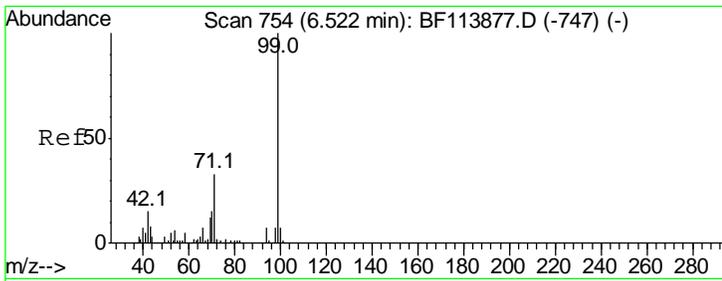
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 152 | 126684 | | |
| 150 | 159.6 | 125.9 | 188.9 |
| 115 | 60.3 | 45.9 | 68.9 |



#5
 2-Fluorophenol
 Concen: 71.593 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 112 | 530284 | | |
| 64 | 54.5 | 46.6 | 69.8 |
| 63 | 27.9 | 23.1 | 34.7 |

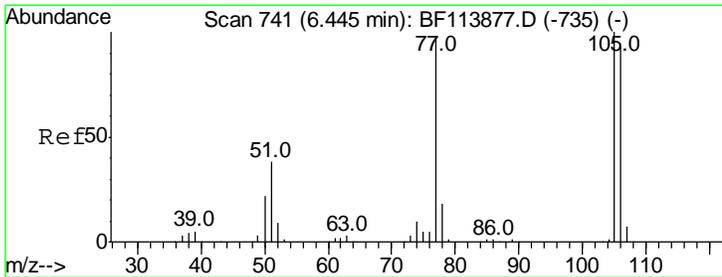
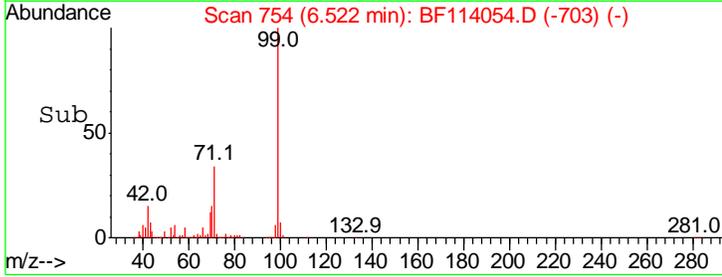
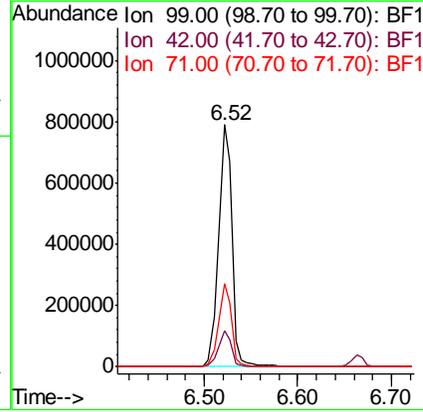
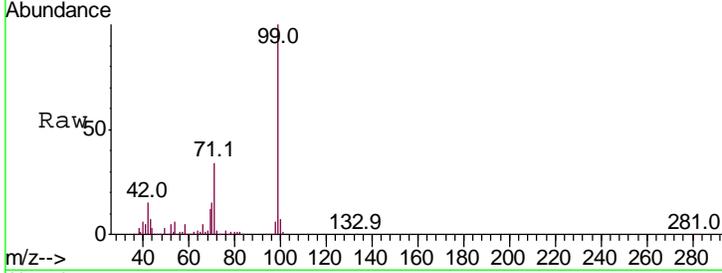




#7
 Phenol-d6
 Concen: 87.144 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

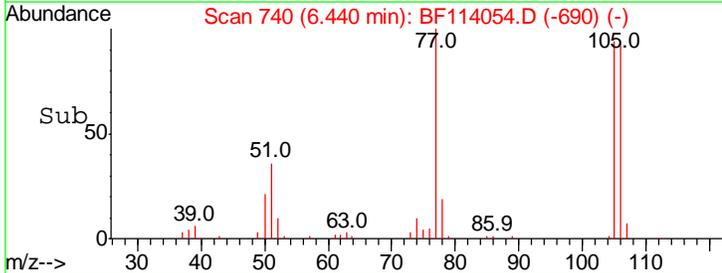
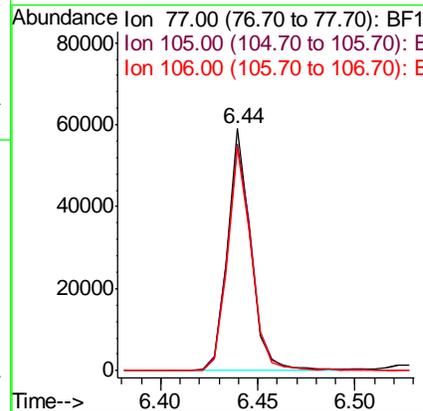
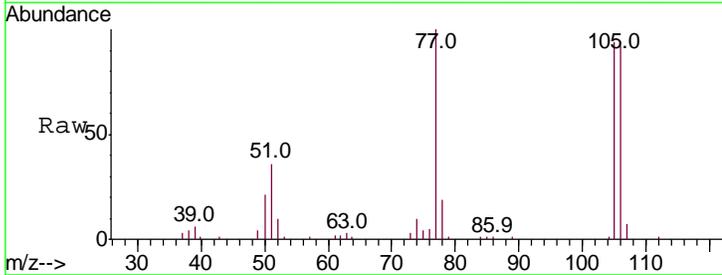
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ClientSampled :
 FOUNDATION-A

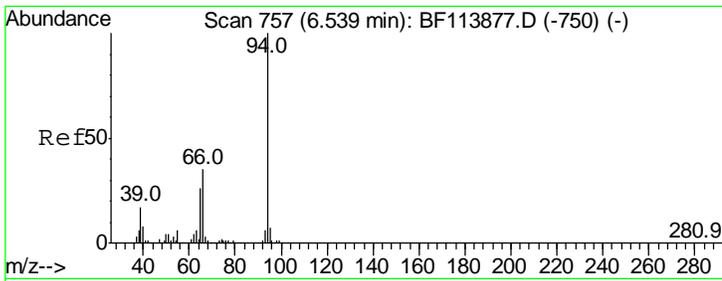
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 99 | 100 | | |
| 42 | 15.0 | 12.5 | 18.7 |
| 71 | 34.1 | 26.9 | 40.3 |



#9
 Benzaldehyde
 Concen: 4.769 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 77 | 100 | | |
| 105 | 94.0 | 74.1 | 114.1 |
| 106 | 92.4 | 70.3 | 110.3 |

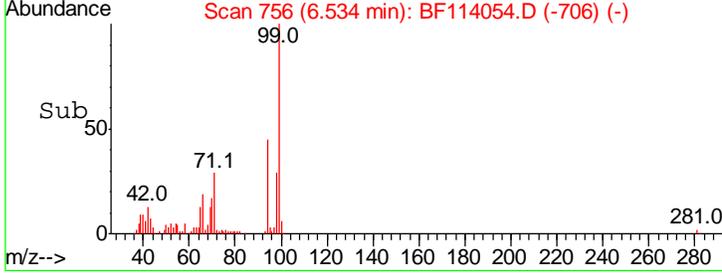
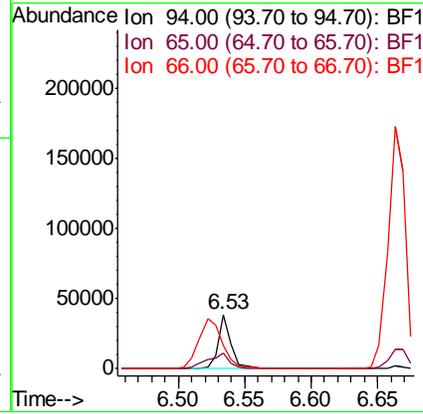
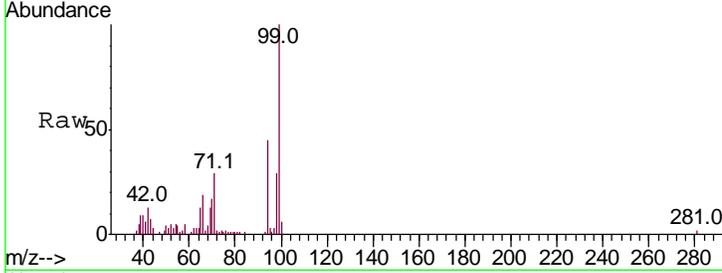




#10
 Phenol
 Concen: 2.470 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

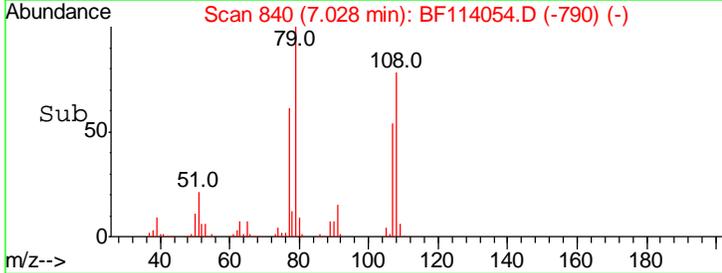
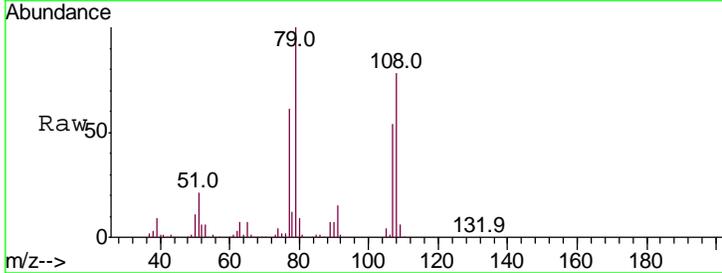
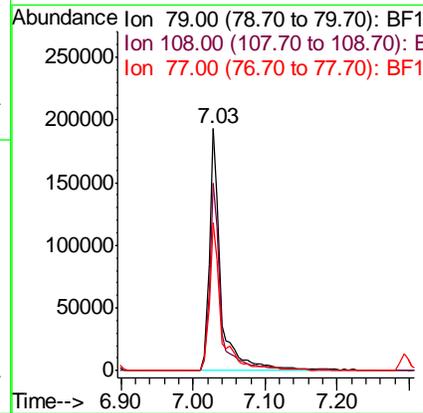
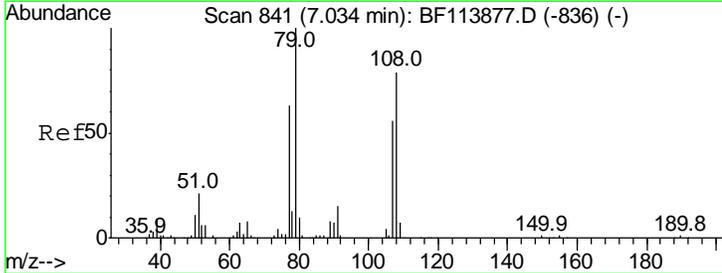
Instrument :
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ClientSampled :
 FOUNDATION-A

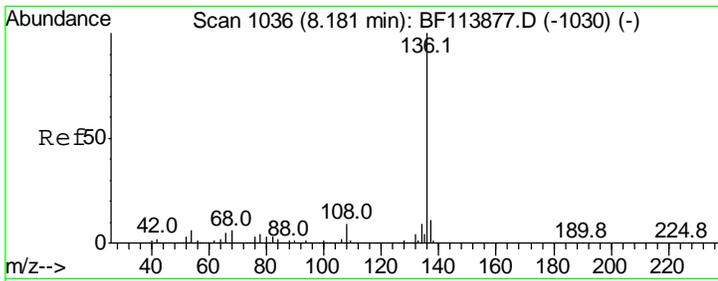
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 94 | 100 | | |
| 65 | 29.1 | 8.1 | 48.1 |
| 66 | 42.9 | 16.6 | 56.6 |



#15
 Benzyl Alcohol
 Concen: 34.204 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 79 | 100 | | |
| 108 | 77.7 | 61.4 | 92.0 |
| 77 | 61.2 | 51.6 | 77.4 |

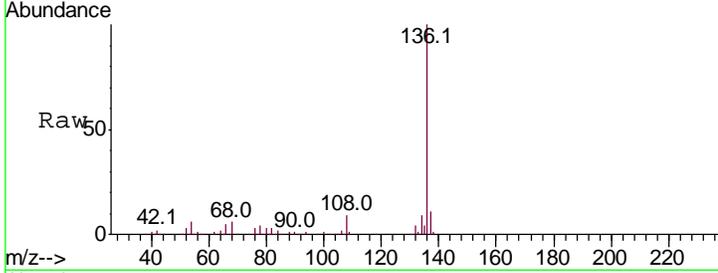




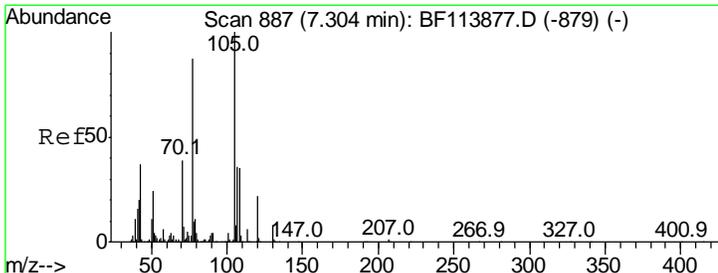
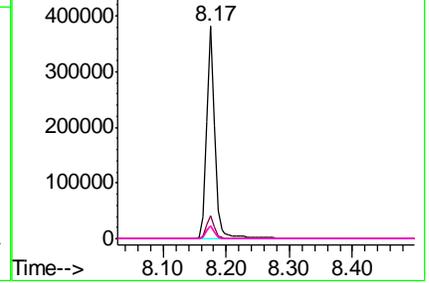
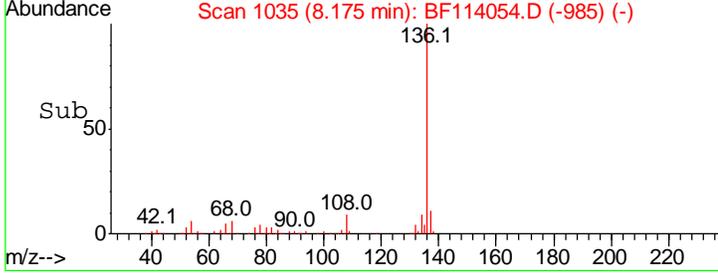
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

Instrument :
 BNA_F
 ClientSampled :
 FOUNDATION-A

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 12.8 |
| 54 | 6.1 | 5.0 | 7.6 |
| 68 | 5.8 | 4.9 | 7.3 |

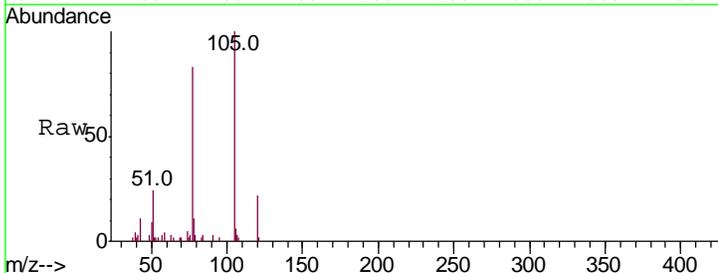


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

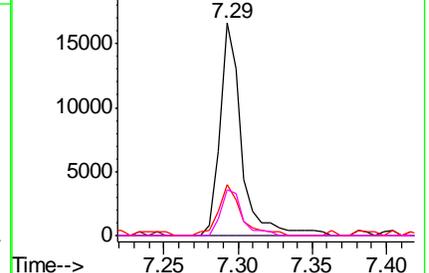
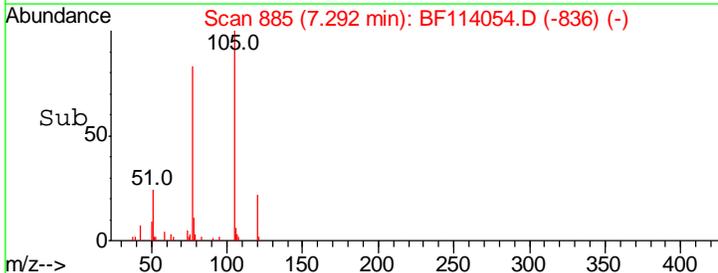


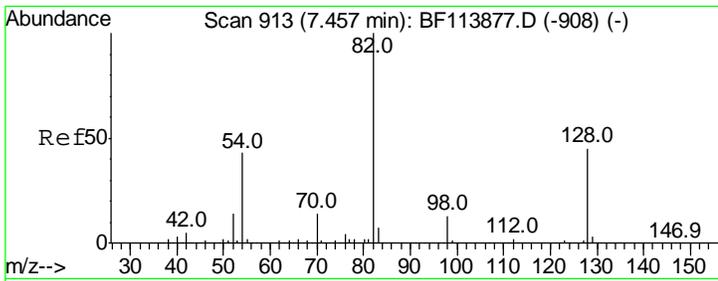
#22
 Acetophenone
 Concen: 2.222 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105 | 100 | | |
| 71 | 0.0 | 6.1 | 9.1# |
| 51 | 24.1 | 16.8 | 25.2 |
| 120 | 21.7 | 17.6 | 26.4 |



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 71.00 (70.70 to 71.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 120.00 (119.70 to 120.70): E

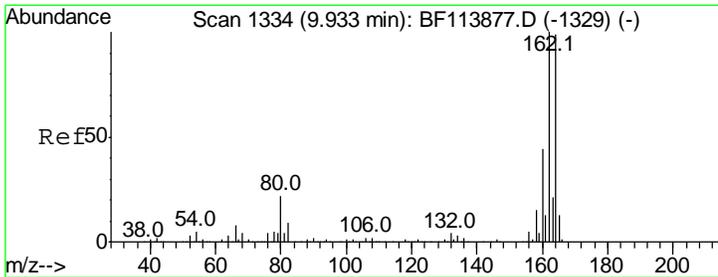
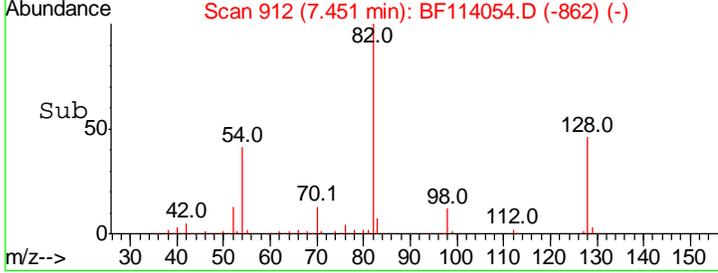
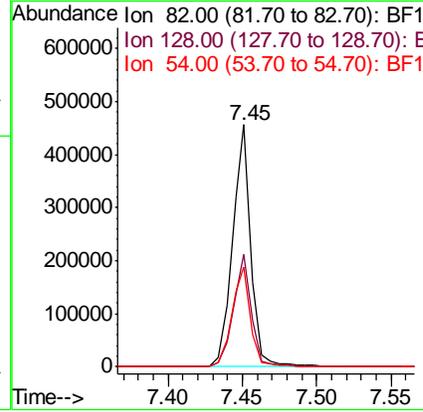
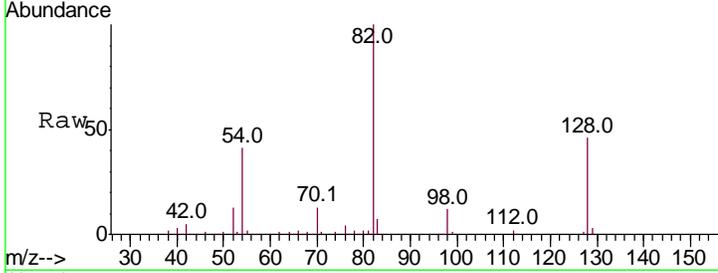




#23
 Nitrobenzene-d5
 Concen: 72.510 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

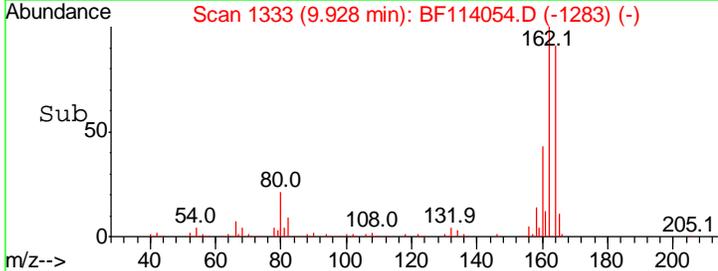
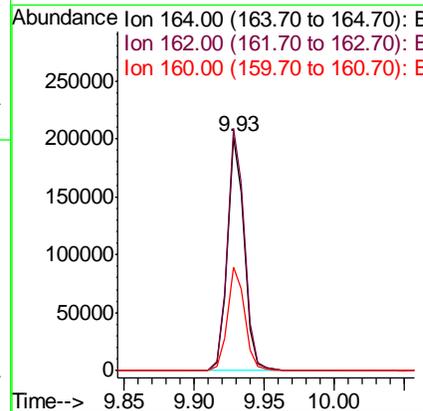
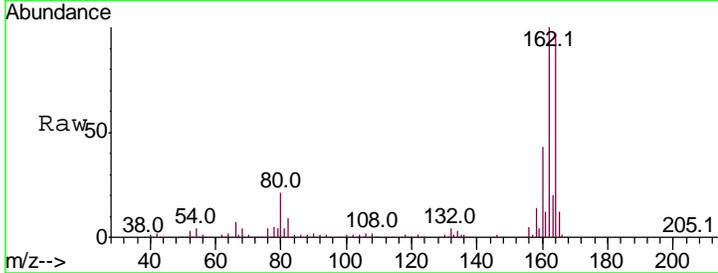
Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-A

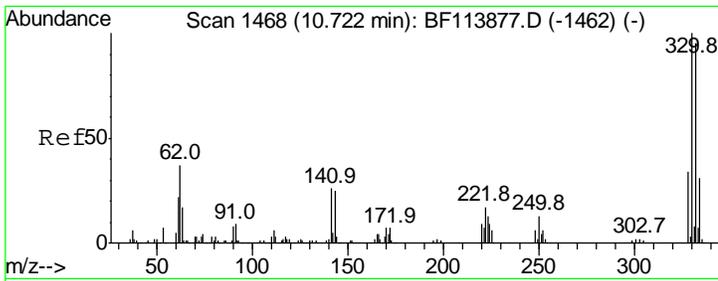
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 82 | 100 | | |
| 128 | 46.2 | 36.8 | 55.2 |
| 54 | 41.2 | 33.8 | 50.6 |



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 164 | 100 | | |
| 162 | 103.6 | 81.1 | 121.7 |
| 160 | 44.1 | 35.8 | 53.6 |

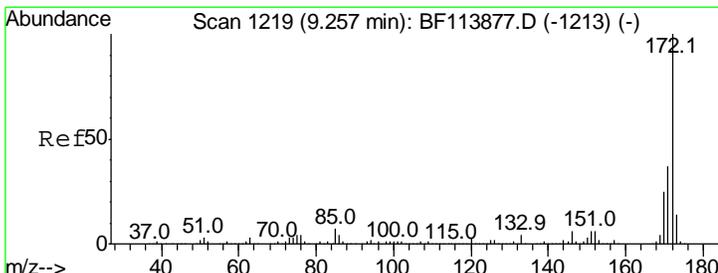
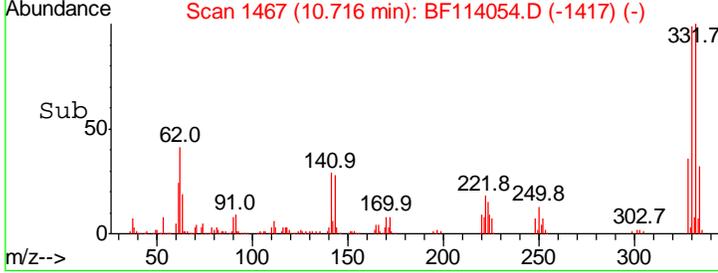
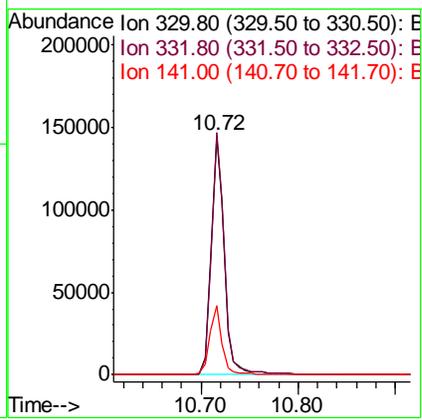
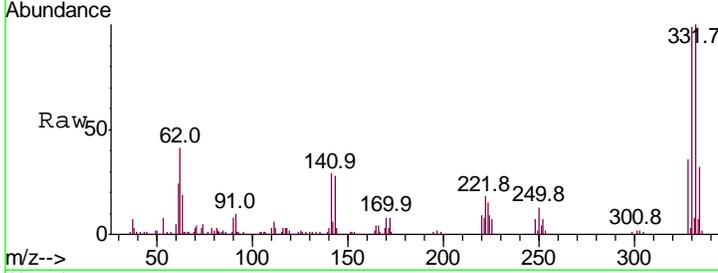




#42
 2,4,6-Tribromophenol
 Concen: 66.253 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

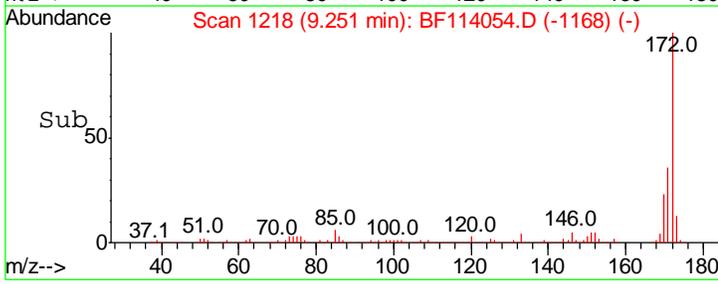
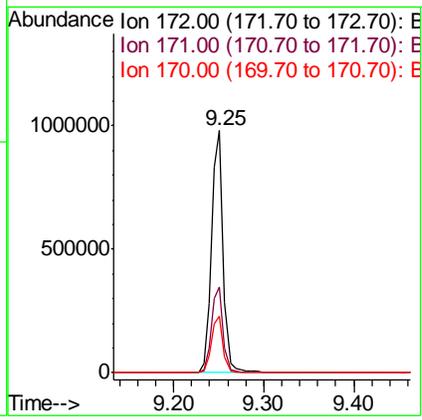
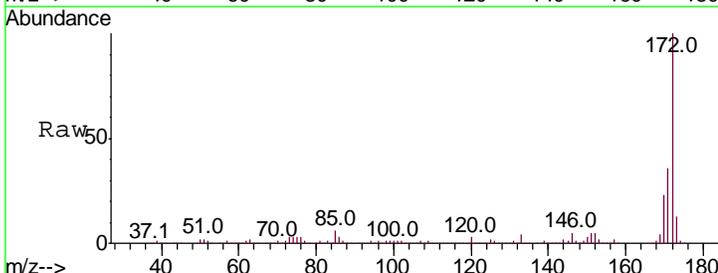
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 FOUNDATION-A

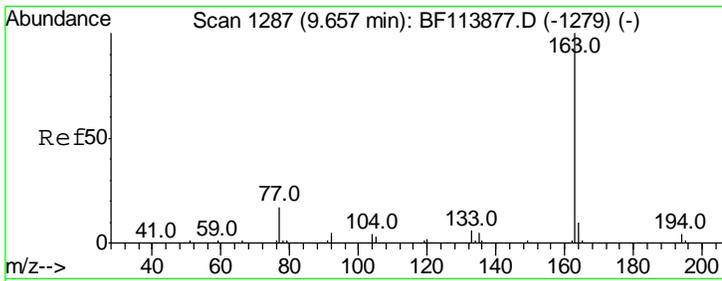
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330 | 100 | | |
| 332 | 99.7 | 77.5 | 116.3 |
| 141 | 27.6 | 22.2 | 33.2 |



#45
 2-Fluorobiphenyl
 Concen: 83.568 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 35.6 | 29.4 | 44.0 |
| 170 | 23.3 | 19.9 | 29.9 |

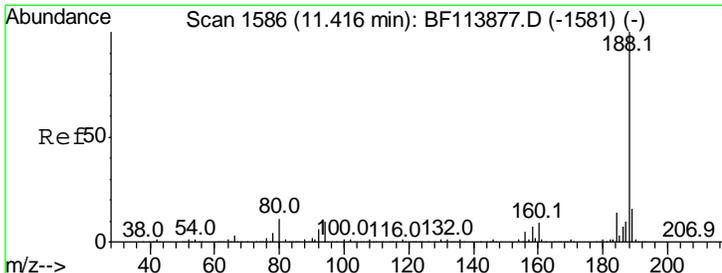
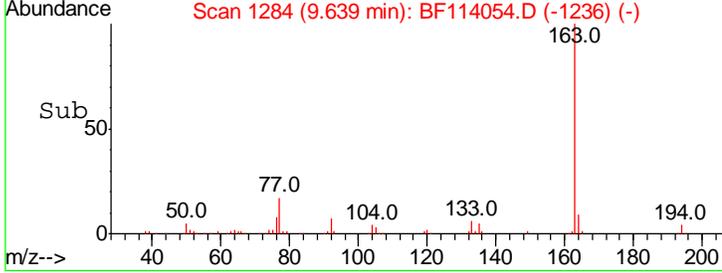
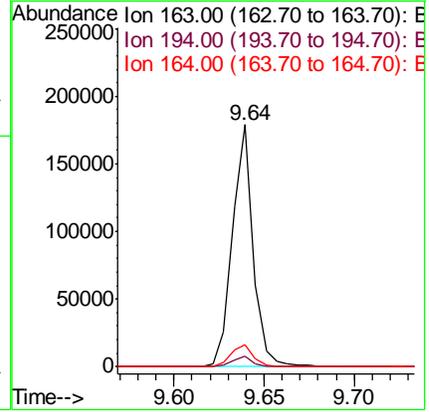
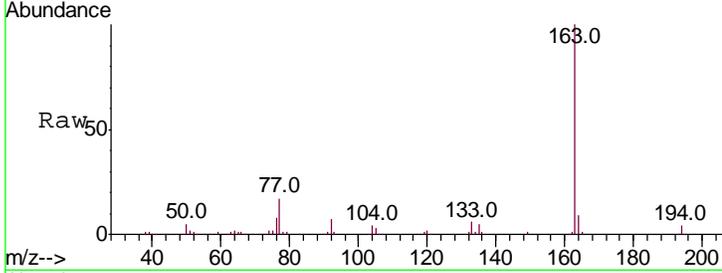




#50
 Dimethylphthalate
 Concen: 11.918 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

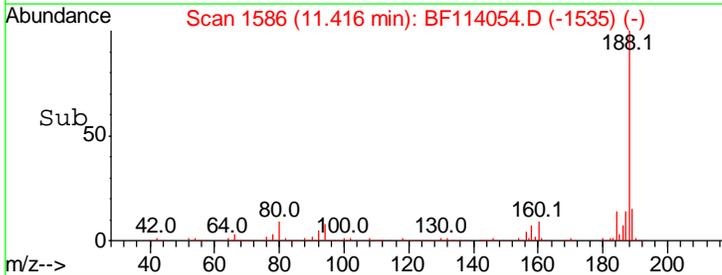
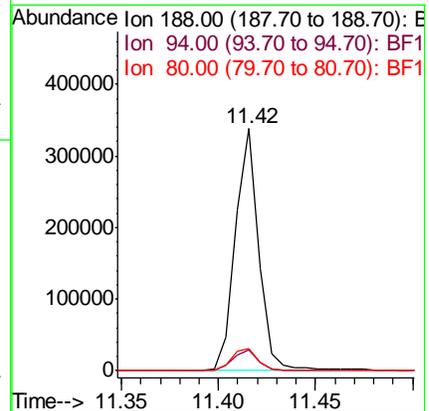
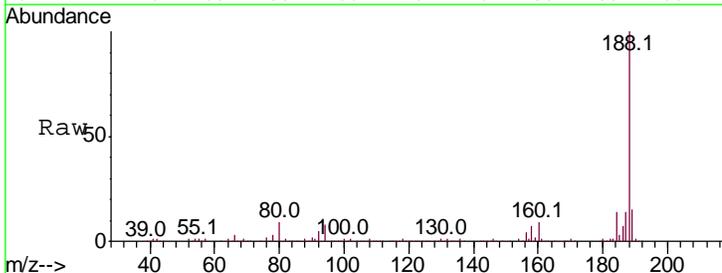
Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-A

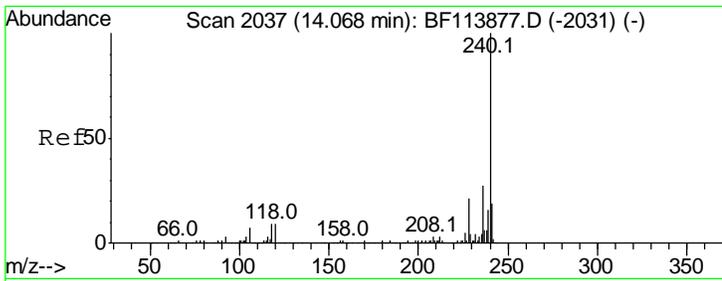
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.2 |
| 164 | 9.3 | 8.5 | 12.7 |



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188 | 100 | | |
| 94 | 8.4 | 8.2 | 12.4 |
| 80 | 9.3 | 9.0 | 13.6 |



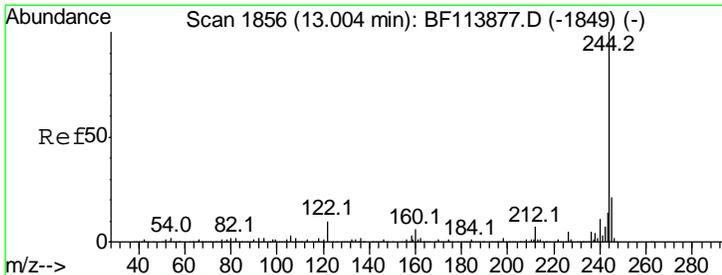
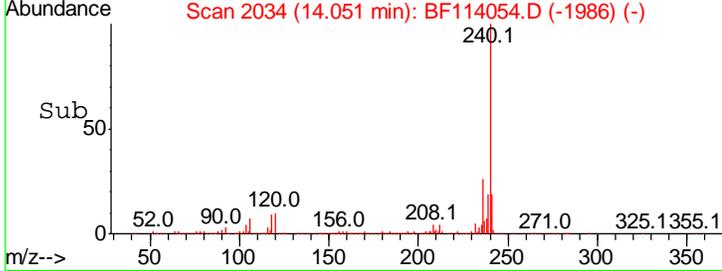
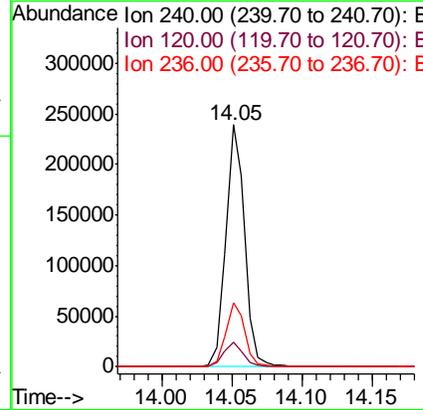
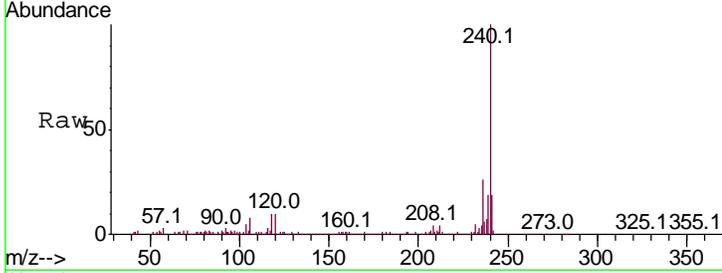


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

Instrument :
 BNA_F
 ClientSampled :
 FOUNDATION-A

Tgt Ion: 240 Resp: 222033

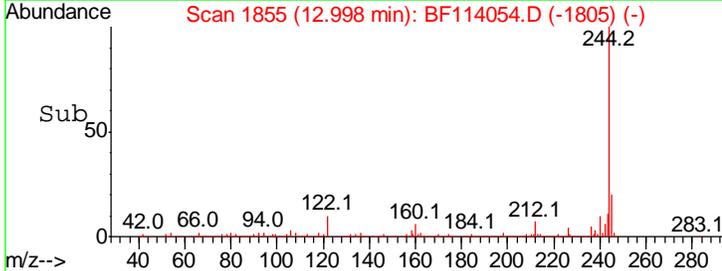
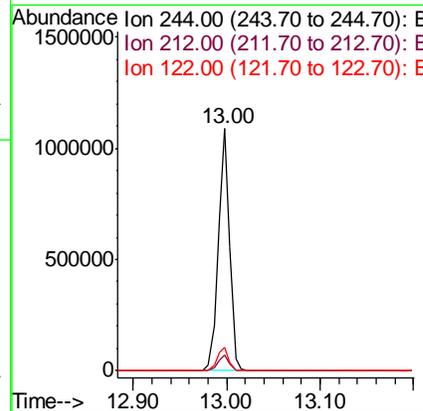
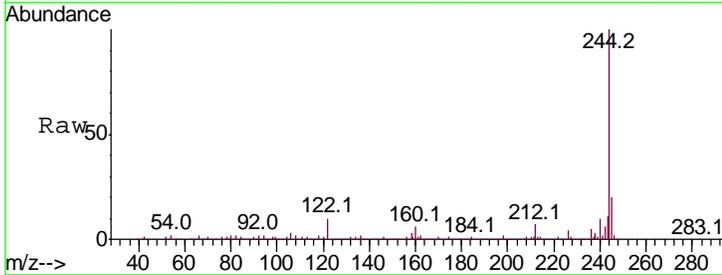
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100 | | |
| 120 | 10.2 | 9.3 | 13.9 |
| 236 | 26.3 | 21.2 | 31.8 |

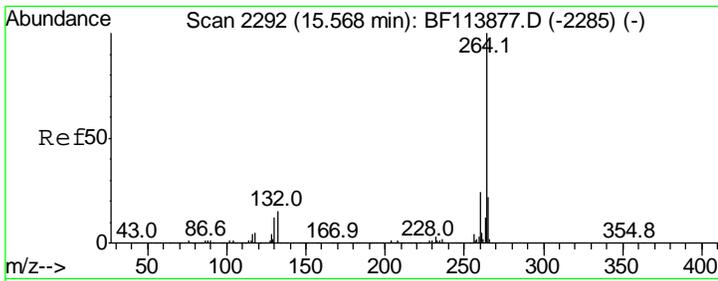


#79
 Terphenyl-d14
 Concen: 85.954 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

Tgt Ion: 244 Resp: 930902

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.2 |
| 122 | 9.7 | 7.6 | 11.4 |





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF114054.D
 Acq: 30 Apr 2019 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-A

Tot Ion: 264 Resp: 169531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100 | | |
| 260 | 23.3 | 18.9 | 28.3 |
| 265 | 21.8 | 17.3 | 25.9 |

