

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129848.D
 Acq On : 17 Aug 2022 17:26
 Operator : CG\JU
 Sample : N4188-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7

Quant Time: Aug 18 05:33:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

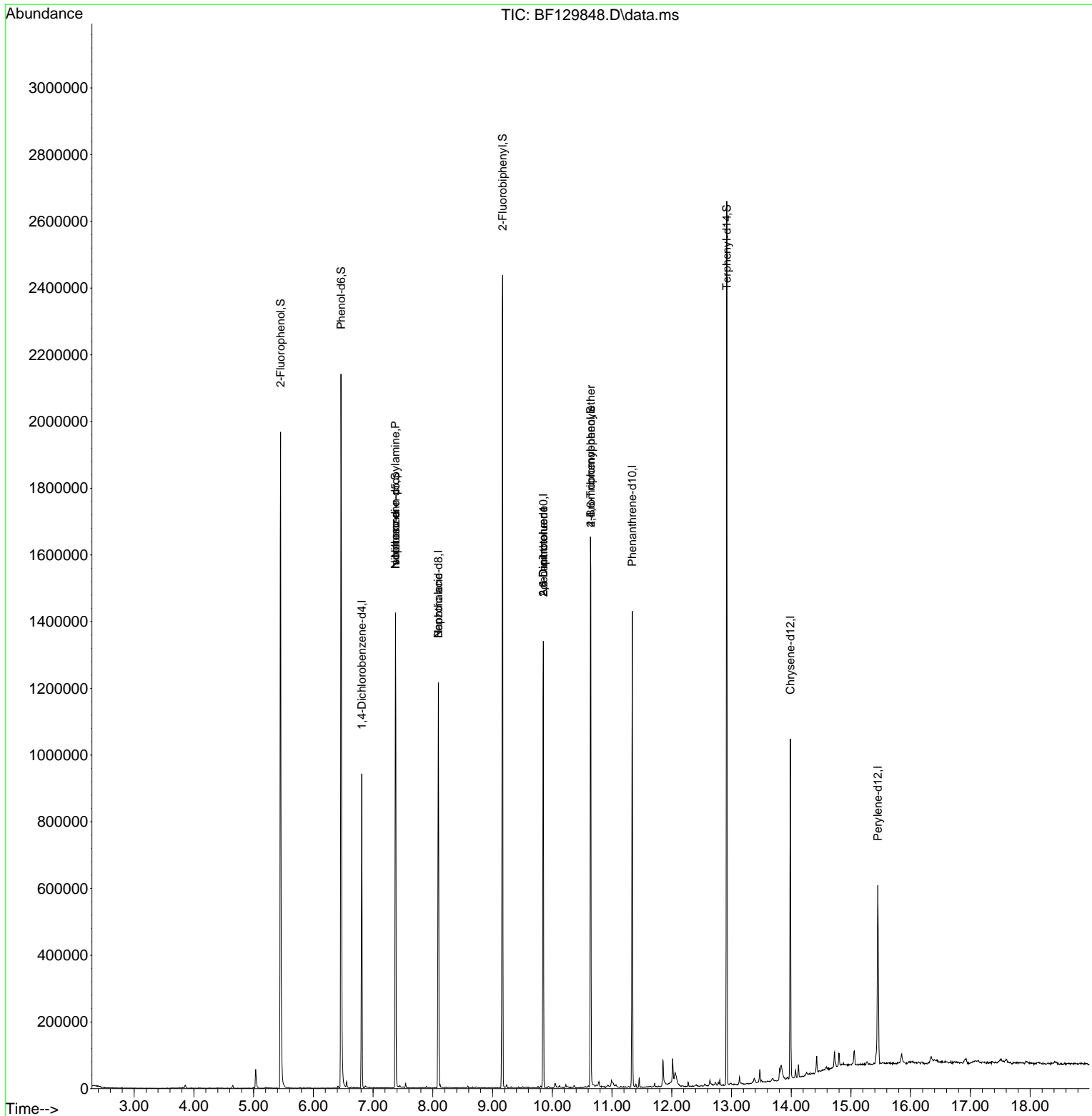
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 126525 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.092 | 136 | 510434 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.851 | 164 | 268471 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.339 | 188 | 463525 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.986 | 240 | 319400 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.451 | 264 | 235552 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.451 | 112 | 562486 | 73.607 | ng | 0.00 |
| 7) Phenol-d6 | 6.463 | 99 | 724814 | 75.741 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.375 | 82 | 450018 | 47.196 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.645 | 330 | 192313 | 71.372 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.169 | 172 | 778102 | 44.019 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.922 | 244 | 801493 | 41.754 | ng | 0.00 |
| Target Compounds | | | | | | |
| 9) Benzaldehyde | 6.381 | 77 | 70 | Below Cal | # | 1 |
| 19) n-Nitroso-di-n-propyla... | 7.375 | 70 | 59907 | 9.904 | ng | # 77 |
| 25) Isophorone | 7.375 | 82 | 450011 | 27.421 | ng | # 65 |
| 32) Benzoic acid | 8.092 | 122 | 89 | 2.187 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 9.851 | 165 | 35141 | 8.417 | ng | # 23 |
| 57) 2,4-Dinitrotoluene | 9.851 | 165 | 35141 | 6.484 | ng | # 18 |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248 | 12194 | 2.246 | ng | # 1 |
| 77) Benzidine | 12.922 | 184 | 11251 | Below Cal | # | 94 |

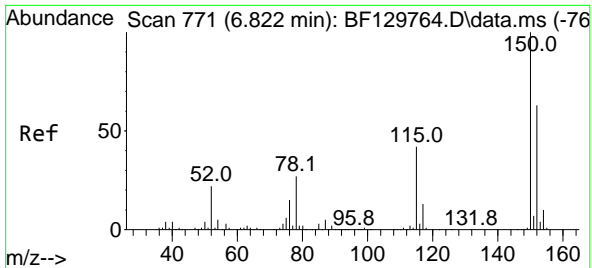
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
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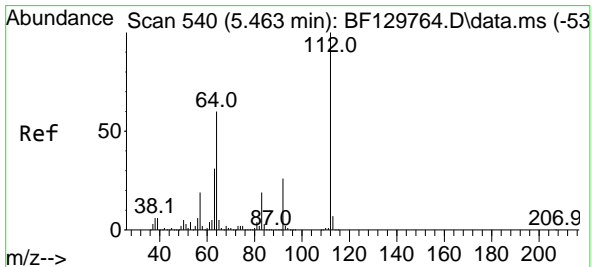
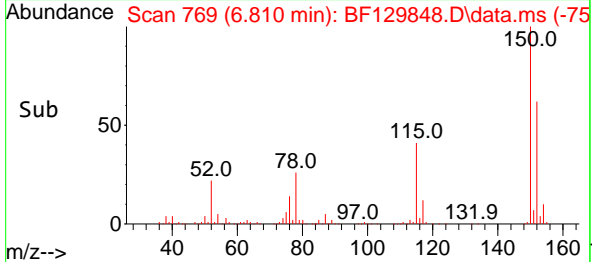
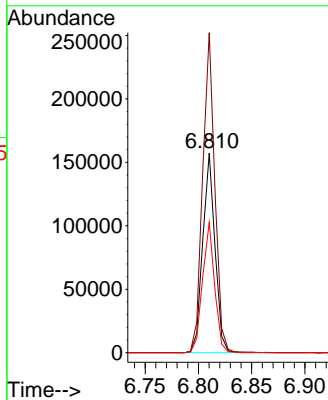
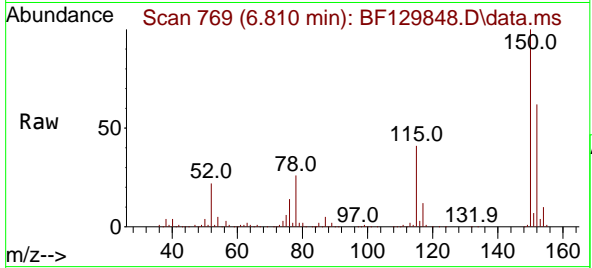




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

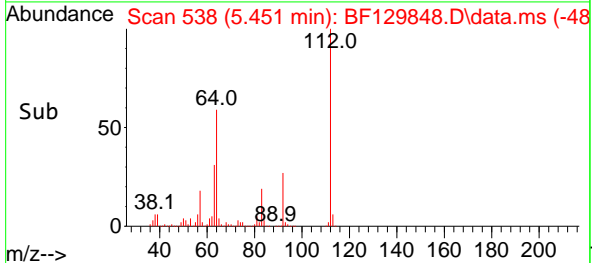
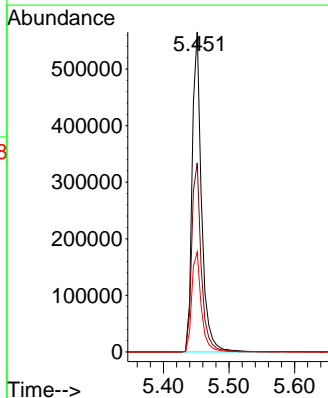
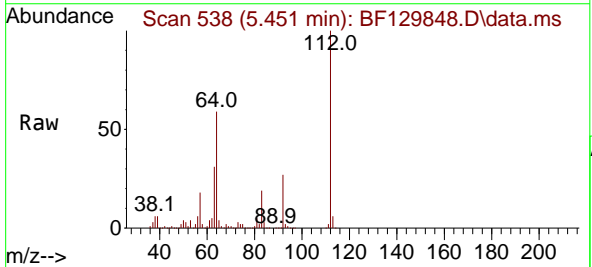
Instrument :
 BNA_F
 ClientSampleId :
 S7

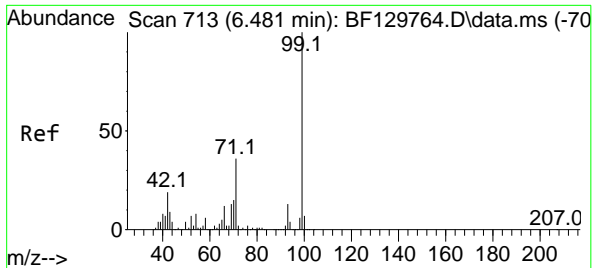
Tgt Ion:152 Resp: 126525
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.9 190.3
 115 65.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 73.607 ng
 RT: 5.451 min Scan# 538
 Delta R.T. -0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

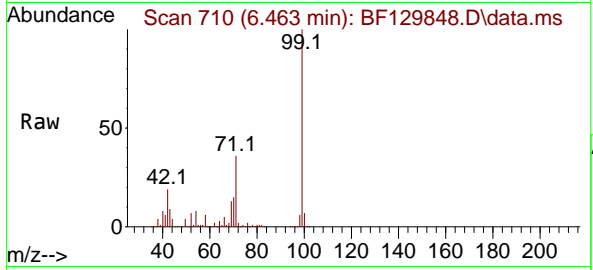
Tgt Ion:112 Resp: 562486
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.6 71.4
 63 31.2 24.6 37.0



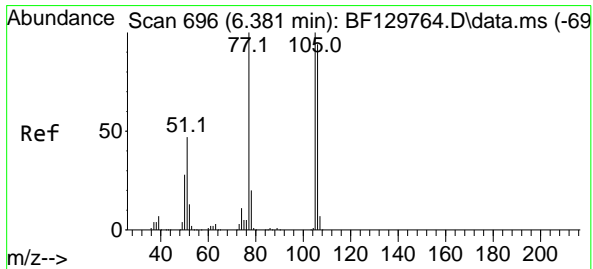
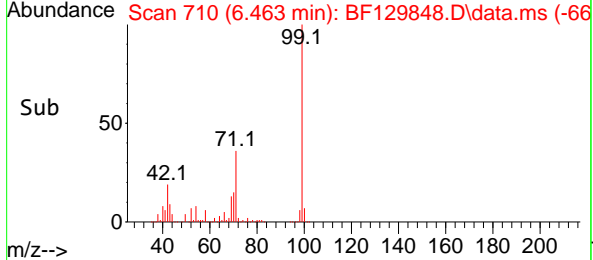
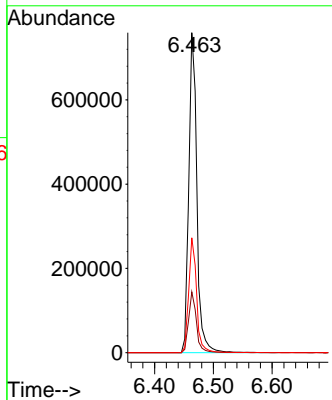


#7
 Phenol-d6
 Concen: 75.741 ng
 RT: 6.463 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

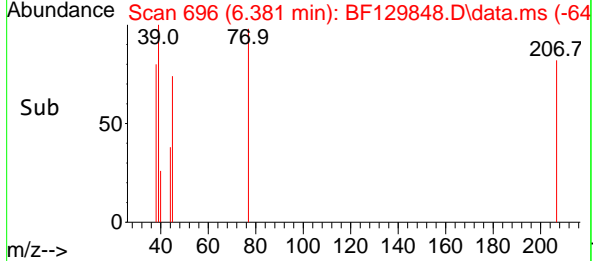
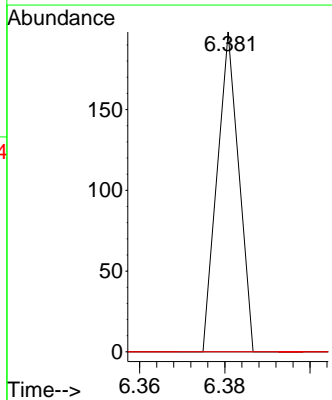
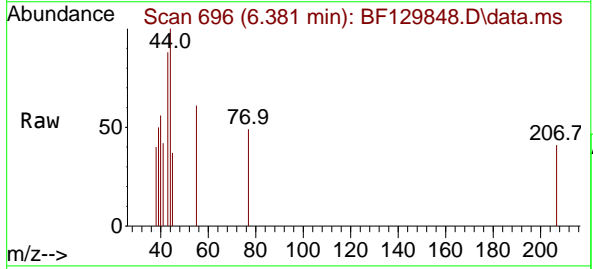


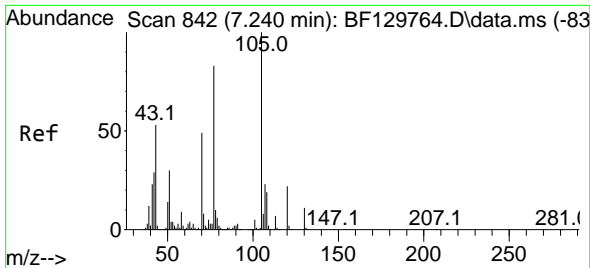
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 99 | 100 | | |
| 42 | 19.0 | 15.0 | 22.4 |
| 71 | 35.9 | 28.8 | 43.2 |



#9
 Benzaldehyde
 Concen: Below Cal
 RT: 6.381 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

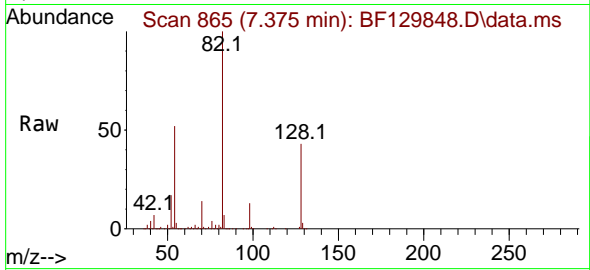
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|--------|
| 77 | 100 | | |
| 105 | 0.0 | 80.3 | 120.3# |
| 106 | 0.0 | 74.3 | 114.3# |





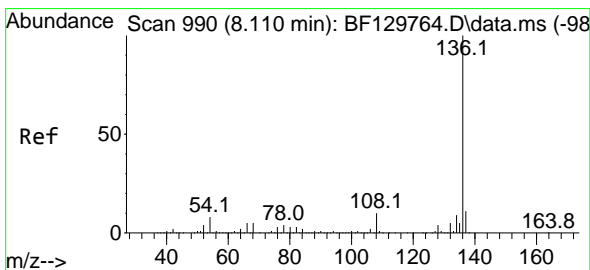
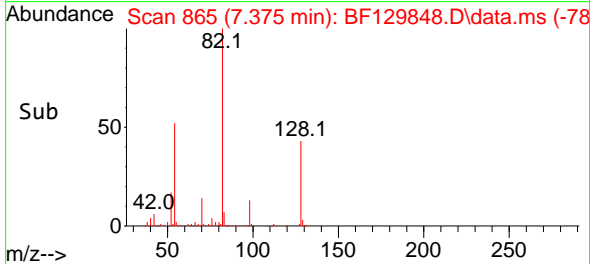
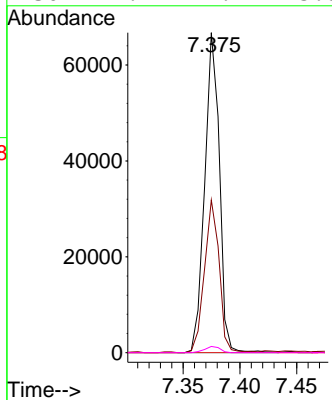
#19
 n-Nitroso-di-n-propylamine
 Concen: 9.904 ng
 RT: 7.375 min Scan# 80
 Delta R.T. 0.147 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7



Tgt Ion: 70 Resp: 59907

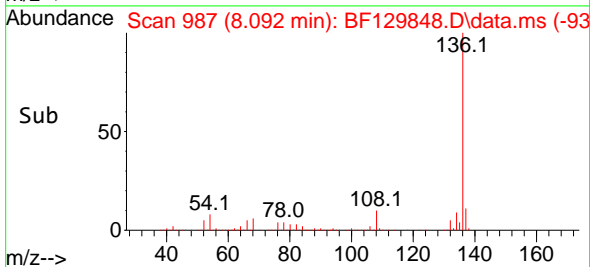
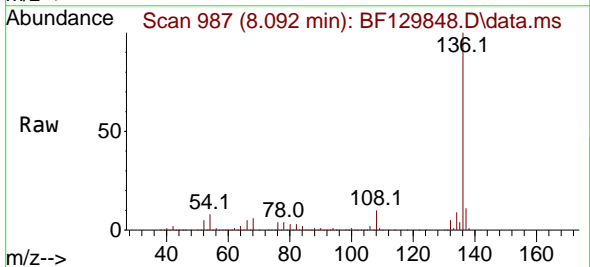
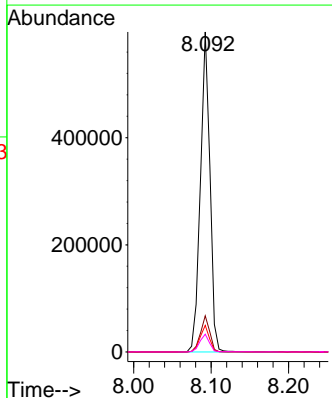
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70 | 100 | | |
| 42 | 47.7 | 47.6 | 71.4 |
| 101 | 0.0 | 8.1 | 12.1# |
| 130 | 1.9 | 17.2 | 25.8# |

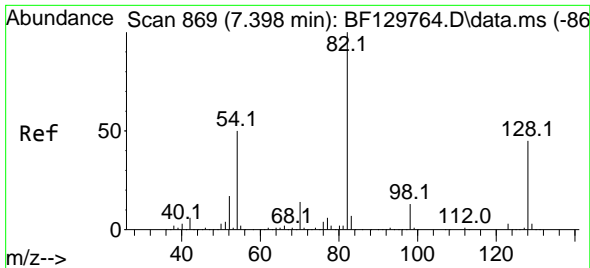


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.092 min Scan# 987
 Delta R.T. -0.006 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Tgt Ion: 136 Resp: 510434

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 11.3 | 8.4 | 12.6 |
| 54 | 8.3 | 6.2 | 9.2 |
| 68 | 5.6 | 4.2 | 6.4 |



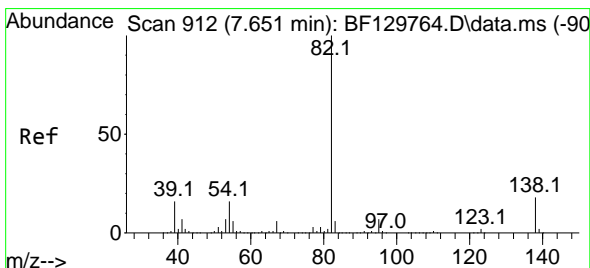
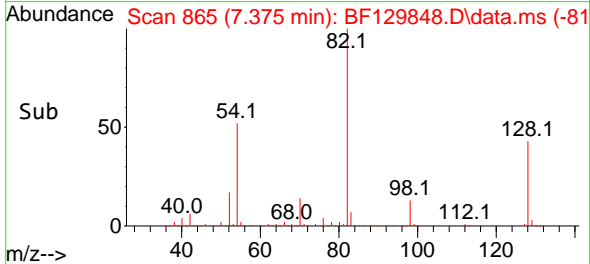
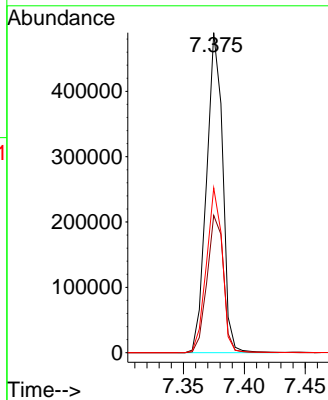
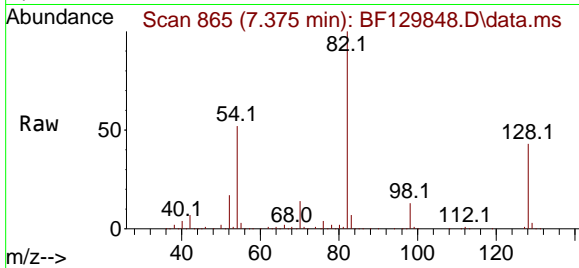


#23
 Nitrobenzene-d5
 Concen: 47.196 ng
 RT: 7.375 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tgt Ion: 82 Resp: 450018

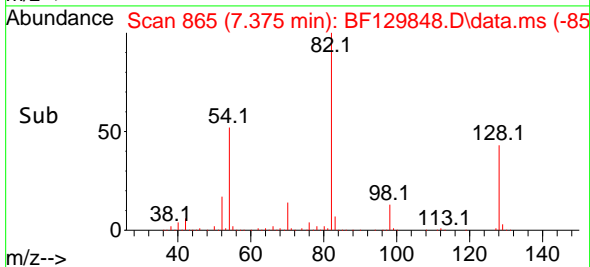
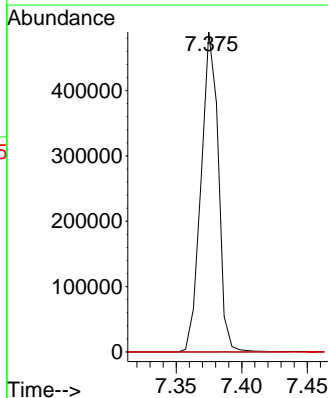
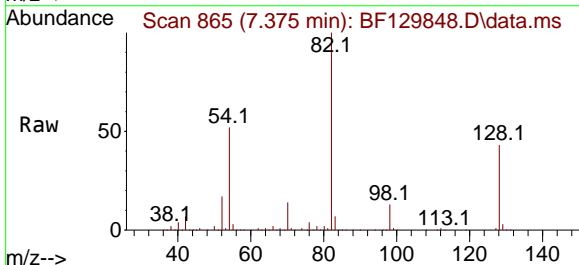
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 128 | 42.9 | 36.1 | 54.1 |
| 54 | 51.5 | 40.0 | 60.0 |

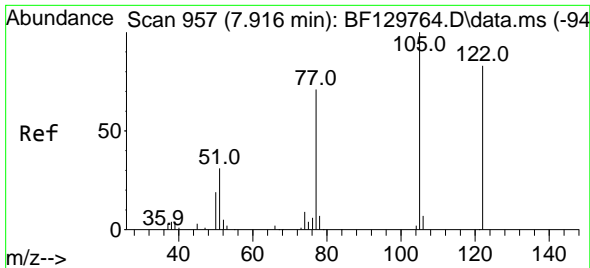


#25
 Isophorone
 Concen: 27.421 ng
 RT: 7.375 min Scan# 865
 Delta R.T. -0.265 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Tgt Ion: 82 Resp: 450011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 95 | 0.0 | 5.9 | 8.9# |
| 138 | 0.0 | 14.6 | 21.8# |



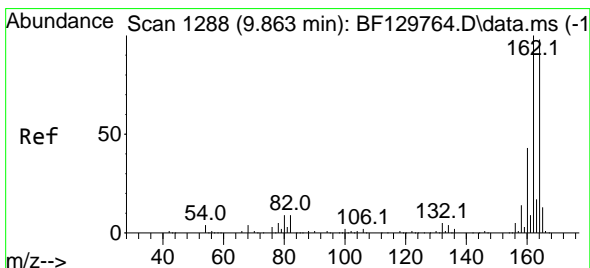
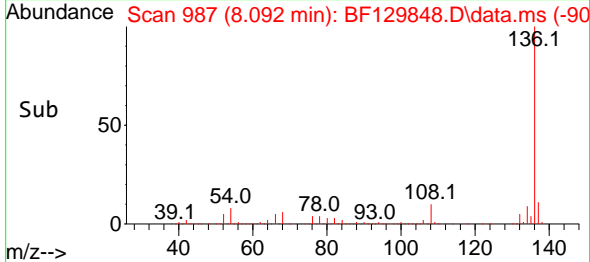
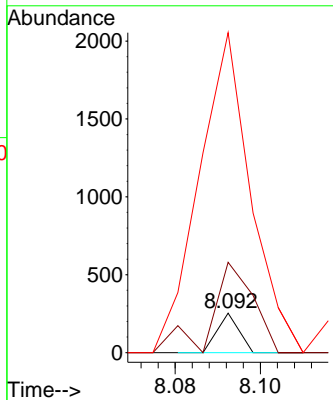
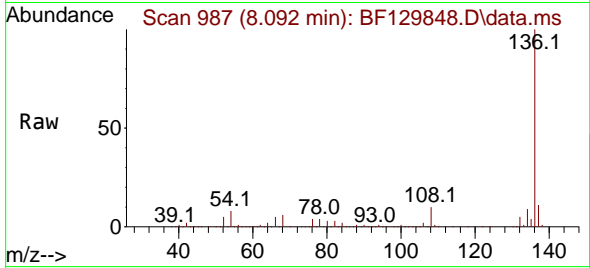


#32
 Benzoic acid
 Concen: 2.187 ng
 RT: 8.092 min Scan# 91
 Delta R.T. 0.194 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tgt Ion:122 Resp: 89

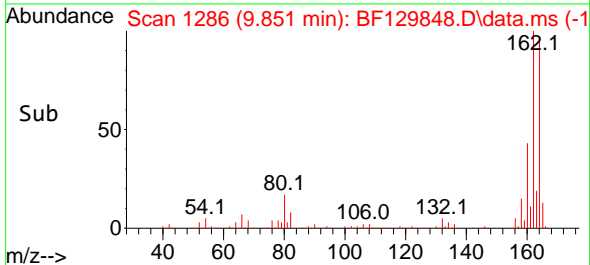
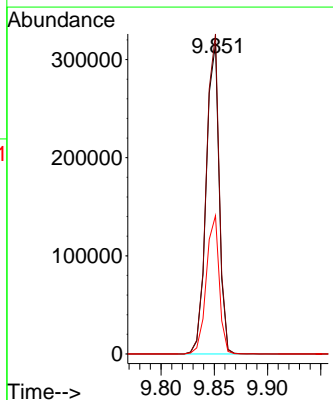
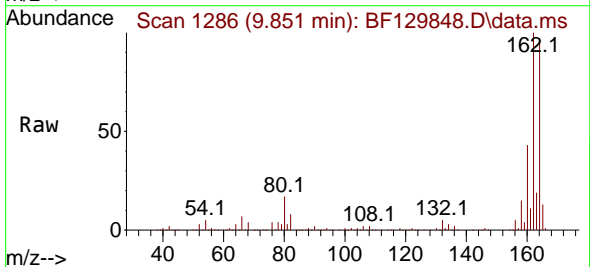
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|--------|
| 122 | 100 | | |
| 105 | 229.2 | 99.9 | 139.9# |
| 77 | 811.9 | 65.9 | 105.9# |

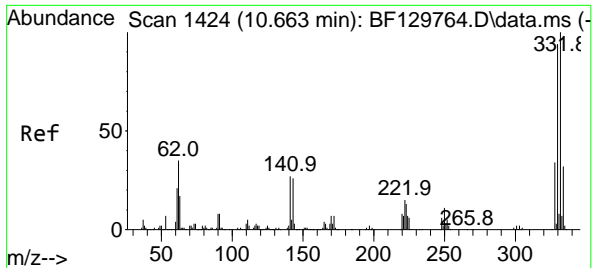


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1286
 Delta R.T. -0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Tgt Ion:164 Resp: 268471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100 | | |
| 162 | 103.0 | 82.0 | 123.0 |
| 160 | 44.5 | 35.4 | 53.0 |

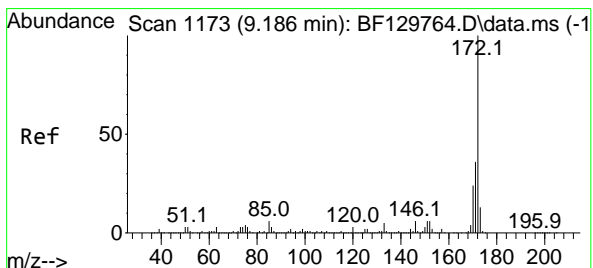
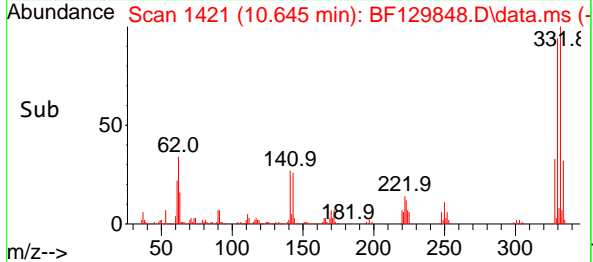
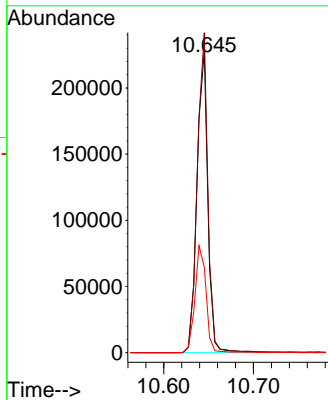
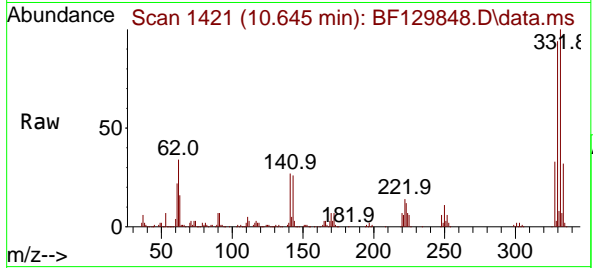




#42
 2,4,6-Tribromophenol
 Concen: 71.372 ng
 RT: 10.645 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

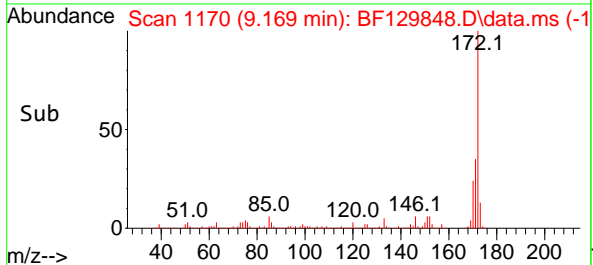
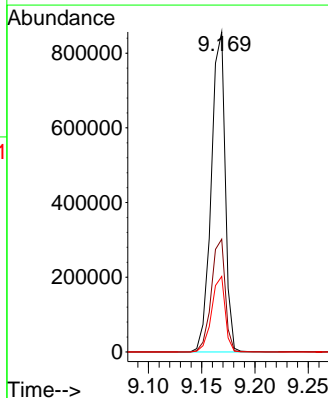
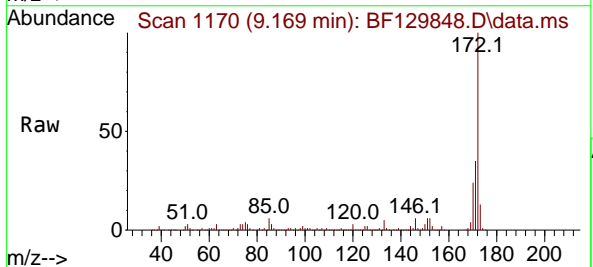
Instrument :
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 ClientSampleId :
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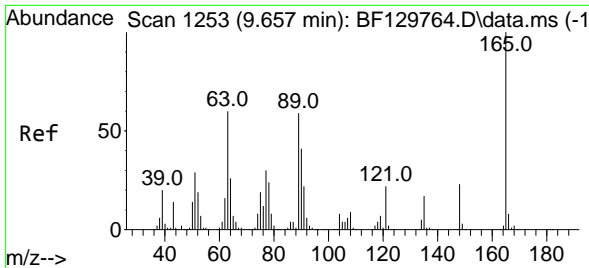
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 330 | 100 | | |
| 332 | 104.1 | 82.6 | 124.0 |
| 141 | 36.4 | 27.6 | 41.4 |



#45
 2-Fluorobiphenyl
 Concen: 44.019 ng
 RT: 9.169 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172 | 100 | | |
| 171 | 35.2 | 28.4 | 42.6 |
| 170 | 23.6 | 19.1 | 28.7 |



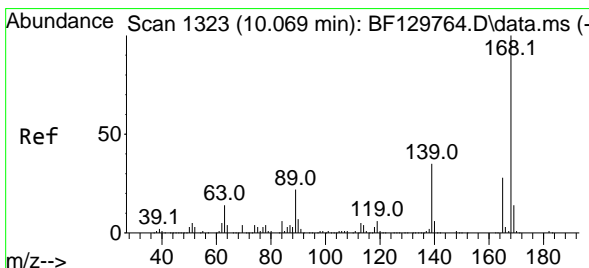
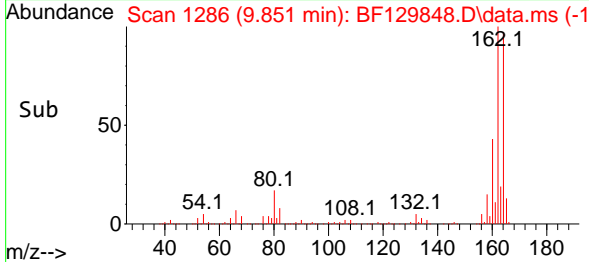
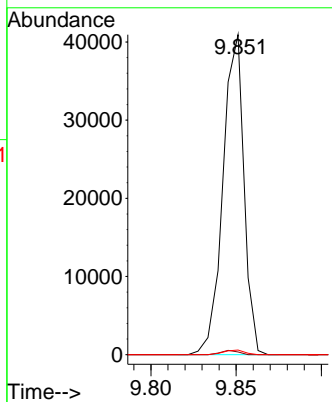
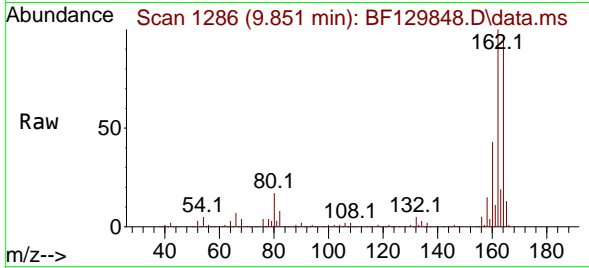


#51
 2,6-Dinitrotoluene
 Concen: 8.417 ng
 RT: 9.851 min Scan# 1286
 Delta R.T. 0.206 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tgt Ion:165 Resp: 35141

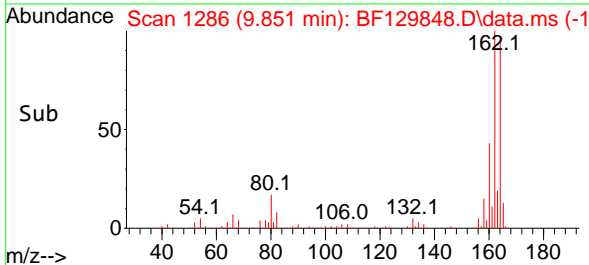
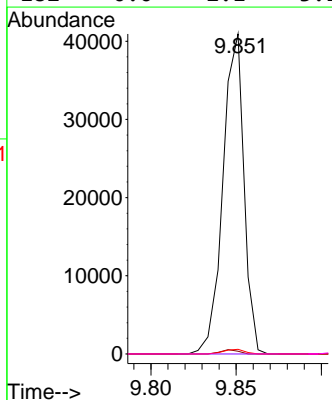
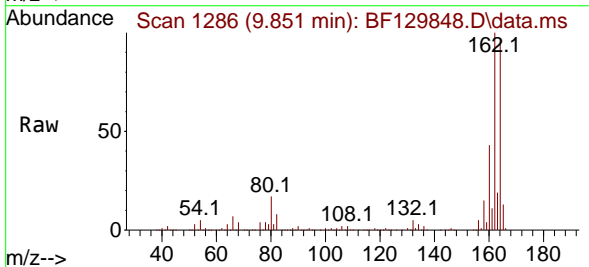
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100 | | |
| 63 | 0.8 | 47.8 | 71.8# |
| 89 | 1.4 | 47.2 | 70.8# |

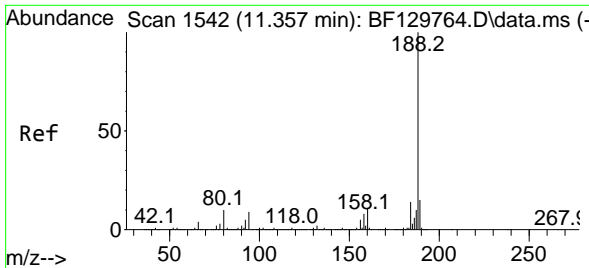


#57
 2,4-Dinitrotoluene
 Concen: 6.484 ng
 RT: 9.851 min Scan# 1286
 Delta R.T. -0.206 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Tgt Ion:165 Resp: 35141

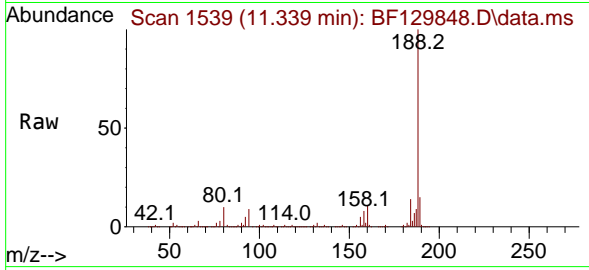
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100 | | |
| 63 | 0.8 | 48.4 | 72.6# |
| 89 | 1.4 | 62.3 | 93.5# |
| 182 | 0.0 | 2.1 | 3.1# |



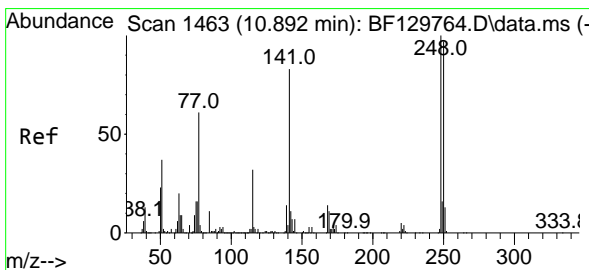
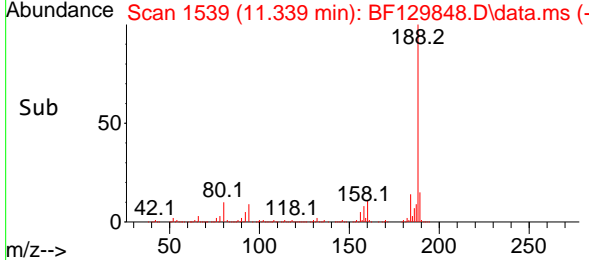
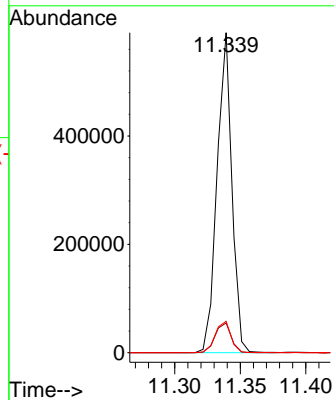


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.339 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

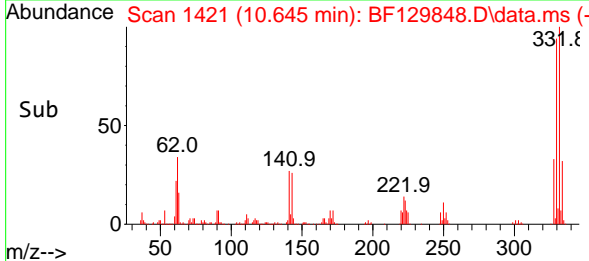
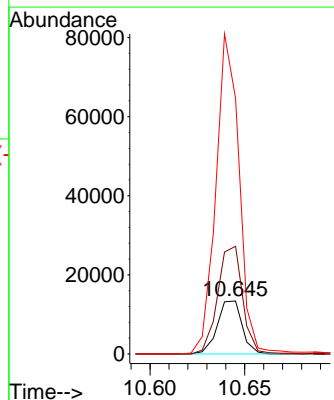
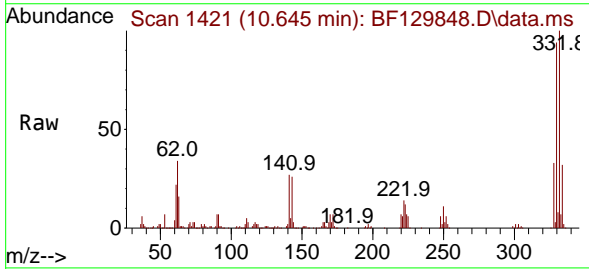


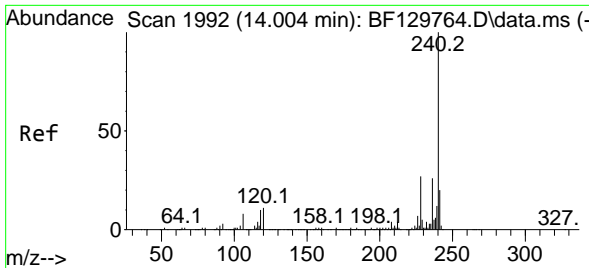
Tgt Ion:188 Resp: 463525
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.4 11.2
 80 9.8 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.246 ng
 RT: 10.645 min Scan# 1421
 Delta R.T. -0.235 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

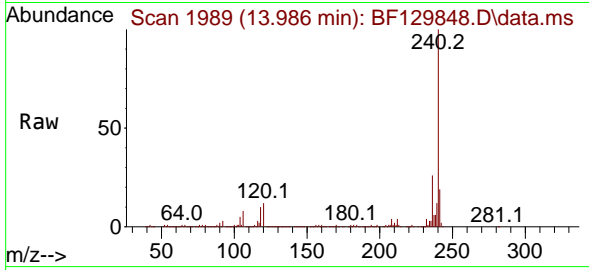
Tgt Ion:248 Resp: 12194
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.8 116.6#
 141 482.3 66.2 99.2#



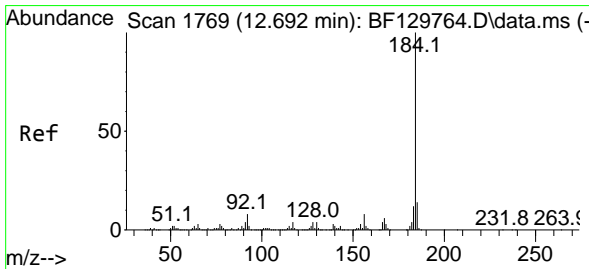
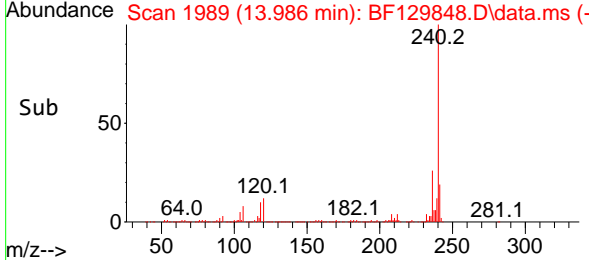
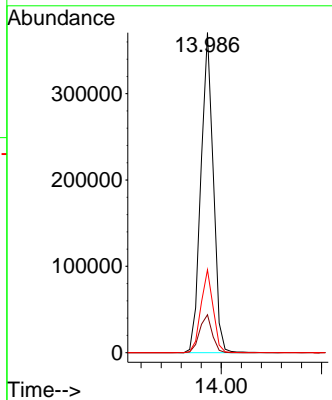


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7

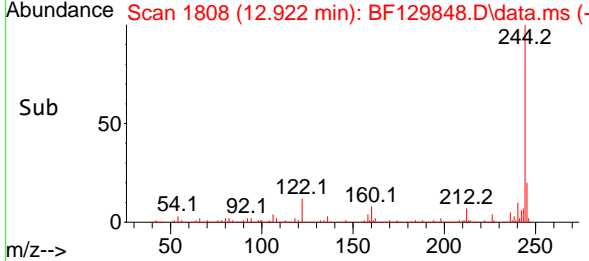
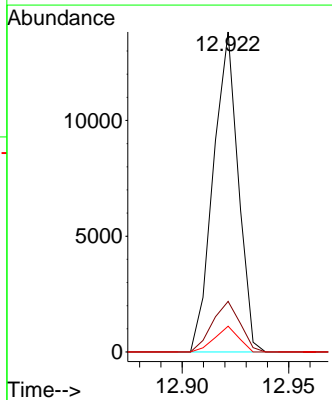
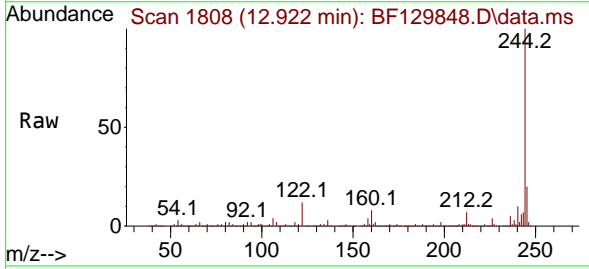


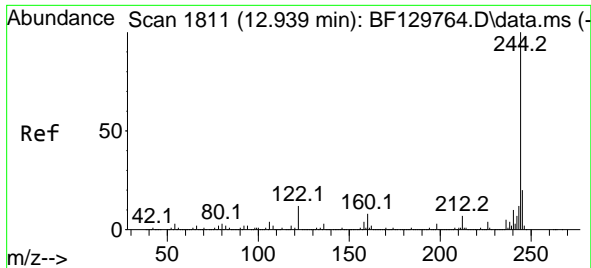
Tgt Ion:240 Resp: 319400
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.2 13.8
 236 25.9 20.7 31.1



#77
 Benzdine
 Concen: Below Cal
 RT: 12.922 min Scan# 1808
 Delta R.T. 0.241 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

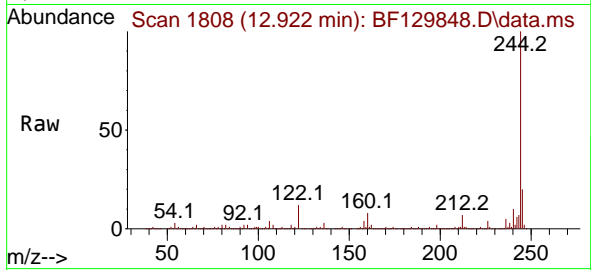
Tgt Ion:184 Resp: 11251
 Ion Ratio Lower Upper
 184 100
 185 15.8 11.4 17.2
 183 8.1 9.4 14.2#



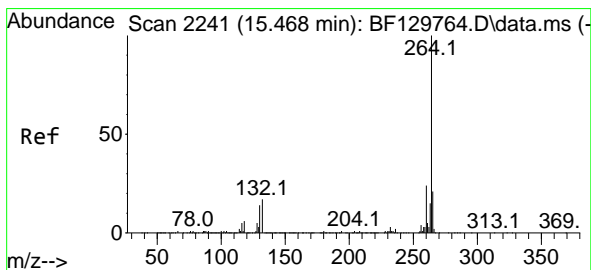
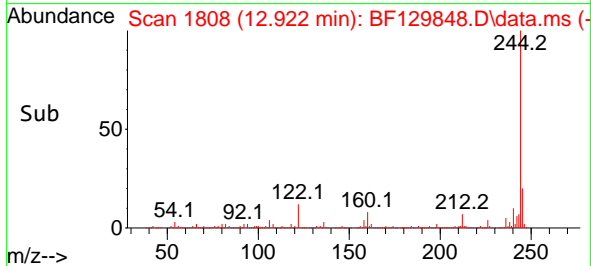
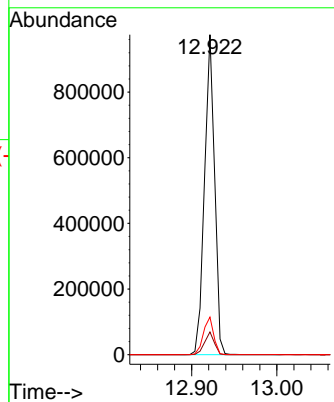


#79
 Terphenyl-d14
 Concen: 41.754 ng
 RT: 12.922 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 S7



Tgt Ion:244 Resp: 801493
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129848.D
 Acq: 17 Aug 2022 17:26

Tgt Ion:264 Resp: 235552
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.9 16.7 25.1

