

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140892.D
 Acq On : 17 Dec 2024 18:15
 Operator : RC/JU
 Sample : P5301-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Quant Time: Dec 18 00:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|-------------------------------|--------|------|----------|------------|-----------|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.851 | 152 | 46342 | 20.000 ng | 0.00 |
| 21) Naphthalene-d8 | 8.128 | 136 | 162145 | 20.000 ng | 0.00 |
| 39) Acenaphthene-d10 | 9.886 | 164 | 82513 | 20.000 ng | 0.00 |
| 64) Phenanthrene-d10 | 11.375 | 188 | 150674 | 20.000 ng | # 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 126293 | 20.000 ng | # 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 116114 | 20.000 ng | 0.00 |
| System Monitoring Compounds | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 287845 | 102.250 ng | 0.01 |
| 7) Phenol-d6 | 6.504 | 99 | 363277 | 97.429 ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.416 | 82 | 230057 | 70.986 ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.680 | 330 | 99499 | 101.957 ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.204 | 172 | 412506 | 68.733 ng | 0.00 |
| 79) Terphenyl-d14 | 12.957 | 244 | 429995 | 53.688 ng | 0.00 |
| Target Compounds | | | | | |
| 2) 1,4-Dioxane | 2.652 | 88 | 52100 | 42.967 ng | Qvalue 98 |
| 3) Pyridine | 3.434 | 79 | 128980 | 45.931 ng | 99 |
| 4) n-Nitrosodimethylamine | 3.375 | 42 | 67906 | 47.968 ng | 99 |
| 6) Aniline | 6.522 | 93 | 79823 | 25.038 ng | # 57 |
| 8) 2-Chlorophenol | 6.645 | 128 | 140230 | 45.679 ng | 99 |
| 9) Benzaldehyde | 6.410 | 77 | 31335 | 15.167 ng | 96 |
| 10) Phenol | 6.516 | 94 | 175232 | 45.344 ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.587 | 93 | 138203 | 47.954 ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.792 | 146 | 155299 | 44.396 ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.869 | 146 | 156681 | 44.126 ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.022 | 146 | 148410 | 44.299 ng | 99 |
| 15) Benzyl Alcohol | 6.998 | 79 | 127680 | 47.892 ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45 | 156488 | 46.093 ng | 85 |
| 17) 2-Methylphenol | 7.122 | 107 | 109353 | 44.617 ng | 97 |
| 18) Hexachloroethane | 7.357 | 117 | 50753 | 38.395 ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 99778 | 44.611 ng | 99 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 142857 | 43.956 ng | # 67 |
| 22) Acetophenone | 7.257 | 105 | 206614 | 50.939 ng | 94 |
| 24) Nitrobenzene | 7.434 | 77 | 148681 | 44.781 ng | 99 |
| 25) Isophorone | 7.675 | 82 | 266054 | 48.995 ng | 99 |
| 26) 2-Nitrophenol | 7.751 | 139 | 62581 | 40.925 ng | 98 |
| 27) 2,4-Dimethylphenol | 7.792 | 122 | 102923 | 57.633 ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.875 | 93 | 156117 | 46.030 ng | 97 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 114644 | 46.499 ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.075 | 180 | 122935 | 43.496 ng | 98 |
| 31) Naphthalene | 8.151 | 128 | 403132 | 45.261 ng | 100 |
| 32) Benzoic acid | 7.934 | 122 | 69494 | 41.031 ng | 89 |
| 33) 4-Chloroaniline | 8.216 | 127 | 60806 | 20.555 ng | 99 |
| 34) Hexachlorobutadiene | 8.263 | 225 | 84066 | 44.209 ng | 99 |
| 35) Caprolactam | 8.581 | 113 | 33402 | 45.507 ng | # 85 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 118797 | 42.810 ng | 98 |
| 37) 2-Methylnaphthalene | 8.845 | 142 | 266342 | 45.205 ng | 100 |
| 38) 1-Methylnaphthalene | 8.939 | 142 | 237629 | 40.781 ng | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 9.010 | 216 | 126100 | 49.721 ng | 99 |
| 41) Hexachlorocyclopentadiene | 8.992 | 237 | 3506 | 8.170 ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.133 | 196 | 78139 | 50.317 ng | 99 |

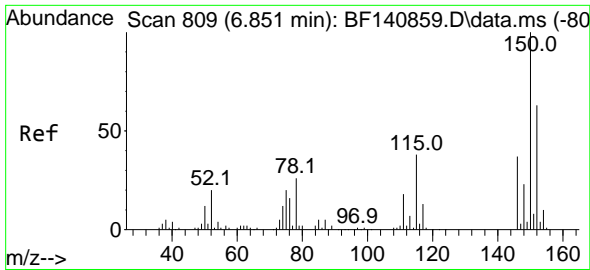
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 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

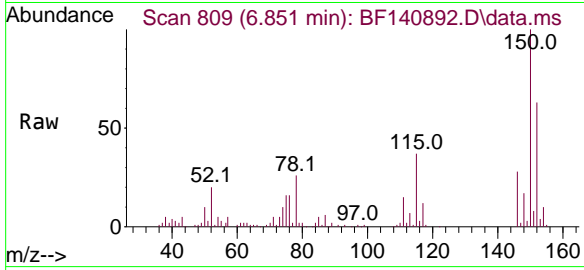
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 80338 | 47.067 | ng | # 93 |
| 46) 1,1'-Biphenyl | 9.304 | 154 | 320127 | 48.790 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.333 | 162 | 232348 | 46.289 | ng | 98 |
| 48) 2-Nitroaniline | 9.439 | 65 | 78954 | 52.082 | ng | 98 |
| 49) Acenaphthylene | 9.751 | 152 | 372034 | 50.435 | ng | 99 |
| 50) Dimethylphthalate | 9.604 | 163 | 278289 | 47.838 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.675 | 165 | 52914 | 39.788 | ng | 98 |
| 52) Acenaphthene | 9.922 | 154 | 227400 | 48.260 | ng | 100 |
| 53) 3-Nitroaniline | 9.851 | 138 | 56509 | 42.817 | ng | 99 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 5258 | 13.982 | ng | # 48 |
| 55) Dibenzofuran | 10.092 | 168 | 343949 | 47.107 | ng | 98 |
| 56) 4-Nitrophenol | 10.039 | 139 | 65543 | 91.641 | ng | 85 |
| 57) 2,4-Dinitrotoluene | 10.086 | 165 | 69505 | 39.722 | ng | # 96 |
| 58) Fluorene | 10.439 | 166 | 283081 | 46.995 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 67202 | 48.317 | ng | # 99 |
| 60) Diethylphthalate | 10.304 | 149 | 284844 | 47.219 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204 | 135236 | 44.694 | ng | 96 |
| 62) 4-Nitroaniline | 10.469 | 138 | 61016 | 44.241 | ng | 96 |
| 63) Azobenzene | 10.586 | 77 | 275909 | 48.651 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198 | 6730 | 7.882 | ng | # 1 |
| 66) n-Nitrosodiphenylamine | 10.545 | 169 | 239636 | 51.729 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248 | 80480 | 47.745 | ng | 98 |
| 68) Hexachlorobenzene | 10.986 | 284 | 89654 | 46.911 | ng | # 94 |
| 69) Atrazine | 11.075 | 200 | 72579 | 56.097 | ng | 99 |
| 70) Pentachlorophenol | 11.192 | 266 | 76990 | 110.186 | ng | 99 |
| 71) Phenanthrene | 11.404 | 178 | 467579 | 60.346 | ng | 99 |
| 72) Anthracene | 11.457 | 178 | 412093 | 54.006 | ng | 99 |
| 73) Carbazole | 11.616 | 167 | 362272 | 48.471 | ng | 99 |
| 74) Di-n-butylphthalate | 11.927 | 149 | 449122 | 51.202 | ng | 99 |
| 75) Fluoranthene | 12.598 | 202 | 575346 | 64.476 | ng | 99 |
| 77) Benzidine | 12.716 | 184 | 143712 | 55.754 | ng | 98 |
| 78) Pyrene | 12.827 | 202 | 590333 | 52.564 | ng | 100 |
| 80) Butylbenzylphthalate | 13.433 | 149 | 197867 | 47.882 | ng | 97 |
| 81) Benzo(a)anthracene | 14.027 | 228 | 504647 | 56.380 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 106135 | 39.302 | ng | 98 |
| 83) Chrysene | 14.063 | 228 | 440685 | 54.143 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149 | 334663 | 62.808 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 486481 | 60.348 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 17.062 | 276 | 349569 | 48.243 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 443191 | 54.986 | ng | 97 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 329403 | 47.644 | ng | # 97 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 359923 | 57.029 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 17.062 | 278 | 277880 | 46.291 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 262163 | 42.910 | ng | 98 |

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

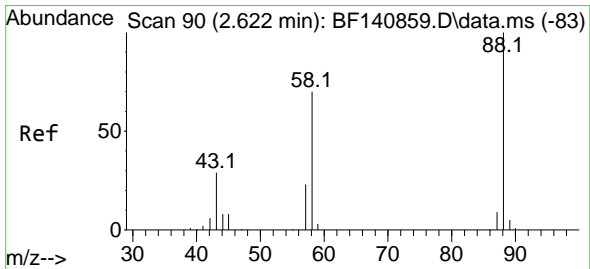
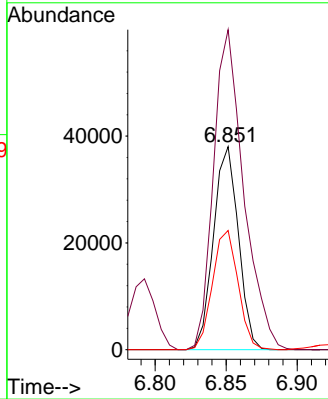
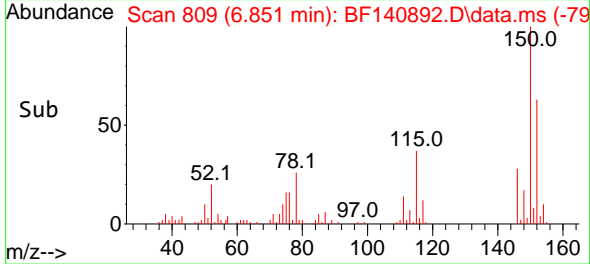


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

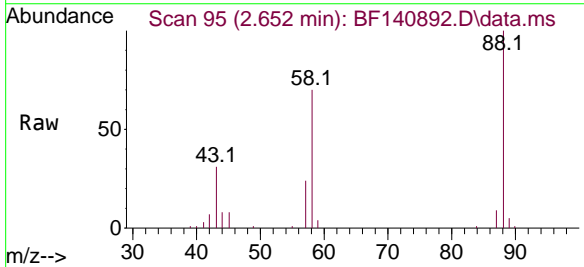
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



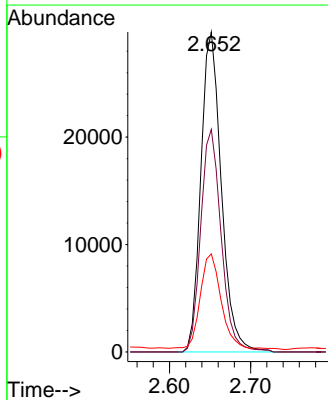
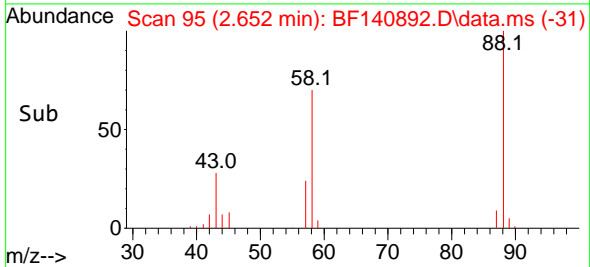
Tgt Ion:152 Resp: 46342
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.9 191.9
 115 58.7 48.0 72.0

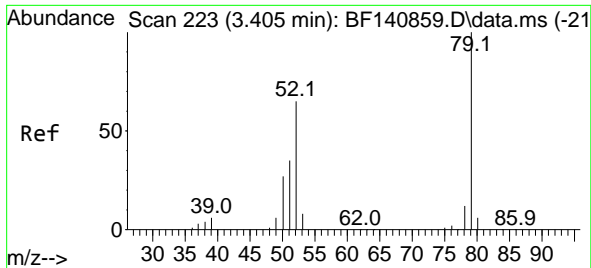


#2
 1,4-Dioxane
 Concen: 42.967 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.029 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



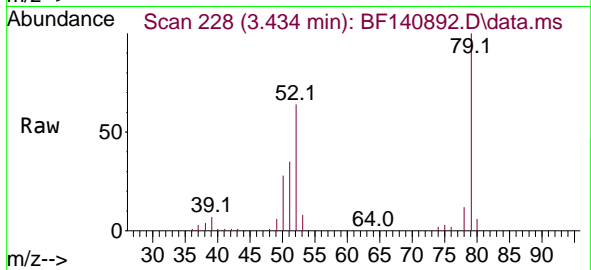
Tgt Ion: 88 Resp: 52100
 Ion Ratio Lower Upper
 88 100
 58 69.5 55.8 83.8
 43 31.0 22.7 34.1



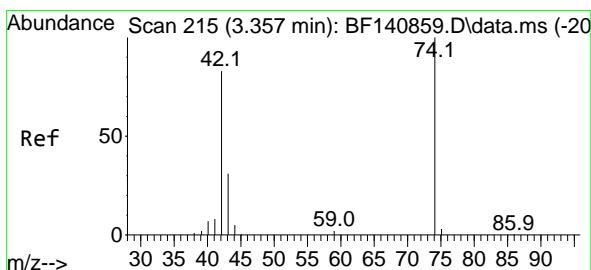
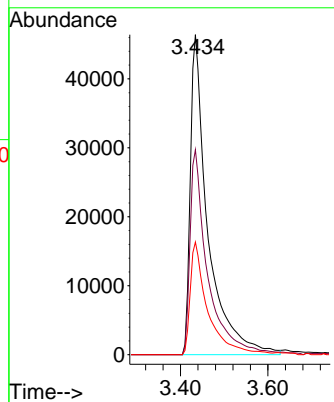
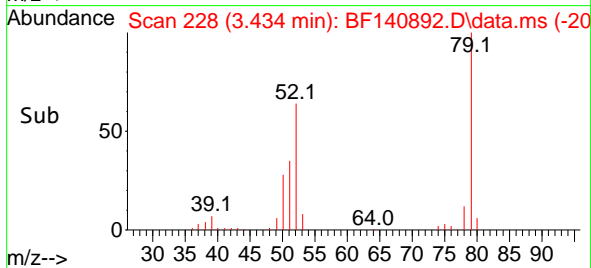


#3
 Pyridine
 Concen: 45.931 ng
 RT: 3.434 min Scan# 218
 Delta R.T. 0.029 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

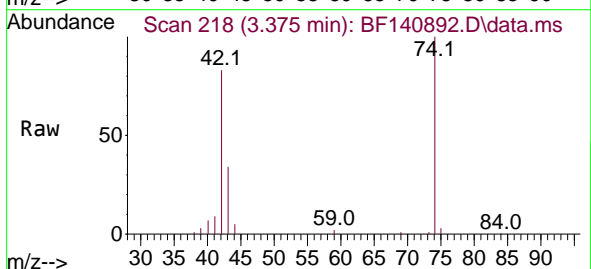
Instrument :
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 ClientSampleId :
 HR-04-121624MS



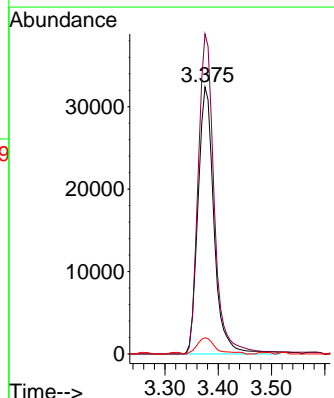
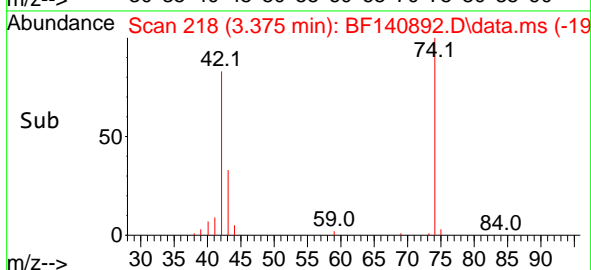
Tgt Ion: 79 Resp: 128980
 Ion Ratio Lower Upper
 79 100
 52 64.1 51.7 77.5
 51 35.2 28.2 42.4

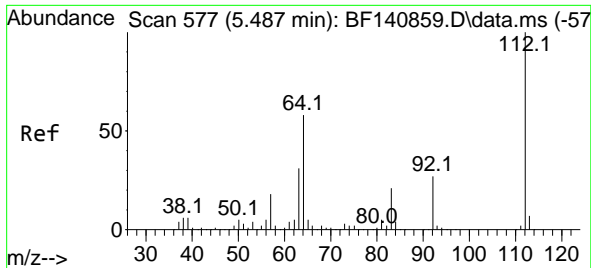


#4
 n-Nitrosodimethylamine
 Concen: 47.968 ng
 RT: 3.375 min Scan# 218
 Delta R.T. 0.018 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion: 42 Resp: 67906
 Ion Ratio Lower Upper
 42 100
 74 119.9 96.9 145.3
 44 6.0 4.4 6.6



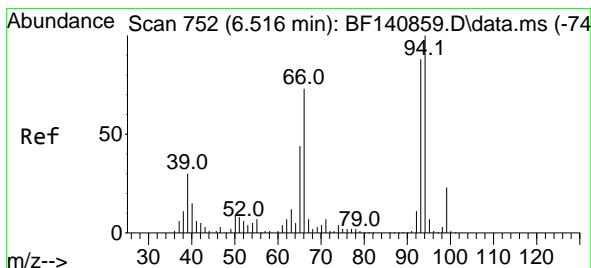
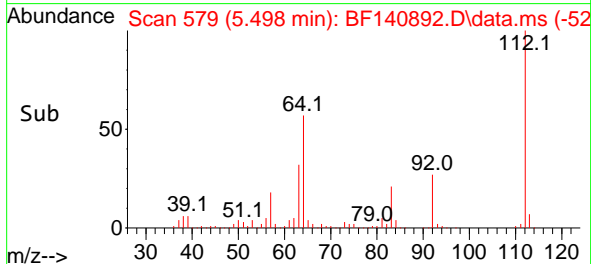
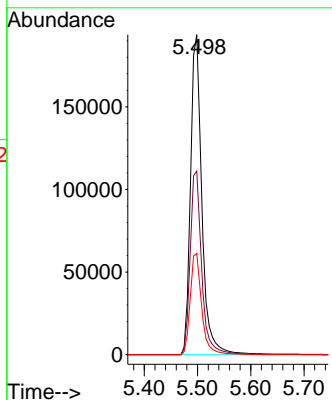
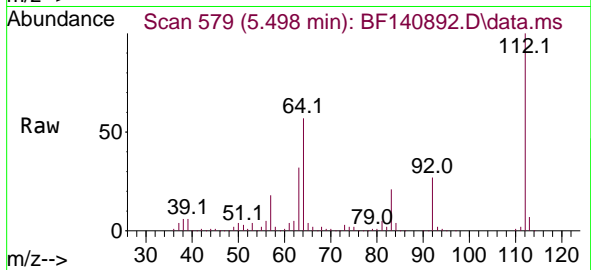


#5
 2-Fluorophenol
 Concen: 102.250 ng
 RT: 5.498 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:112 Resp: 287845

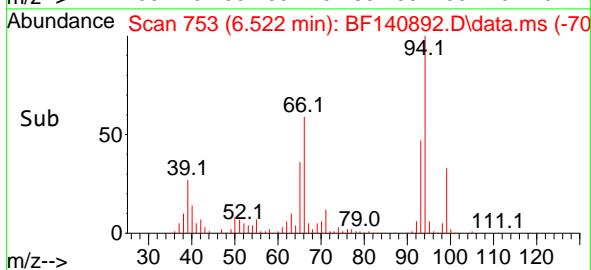
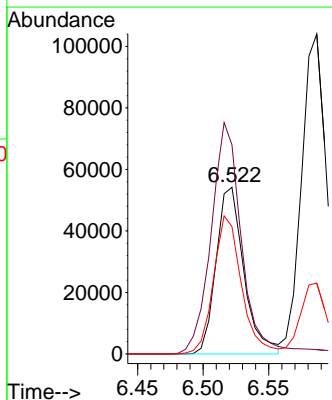
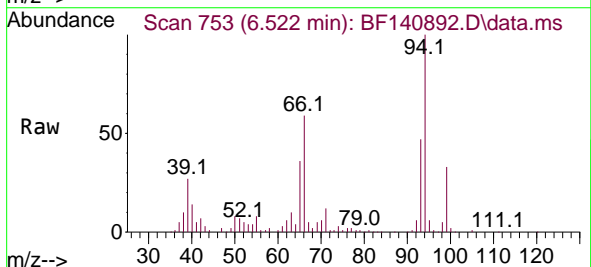
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 57.4 | 46.1 | 69.1 |
| 63 | 31.6 | 24.9 | 37.3 |

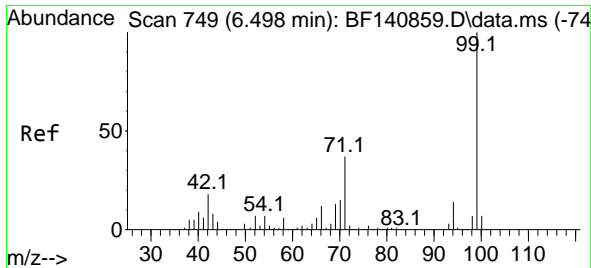


#6
 Aniline
 Concen: 25.038 ng
 RT: 6.522 min Scan# 753
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 93 Resp: 79823

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|--------|
| 93 | 100 | | |
| 66 | 125.4 | 67.0 | 100.4# |
| 65 | 76.4 | 40.4 | 60.6# |



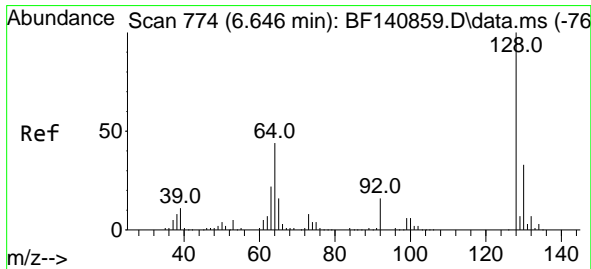
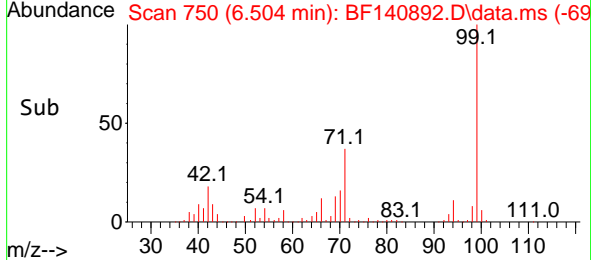
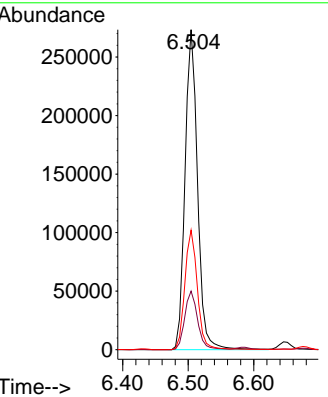
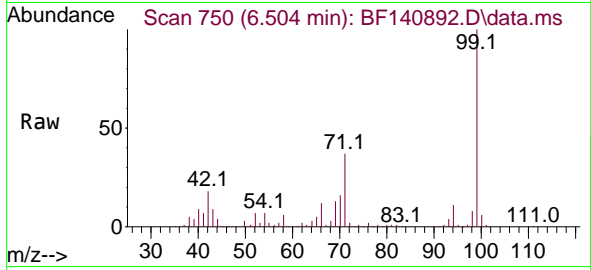


#7
 Phenol-d6
 Concen: 97.429 ng
 RT: 6.504 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion: 99 Resp: 363277

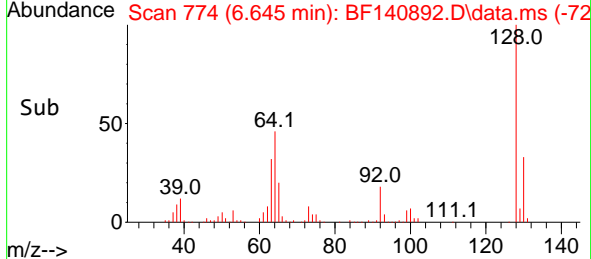
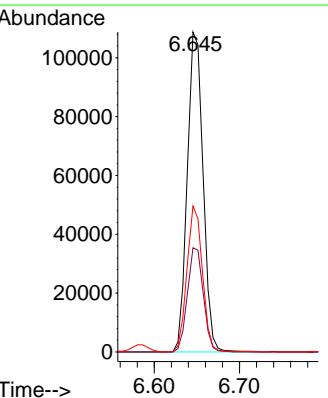
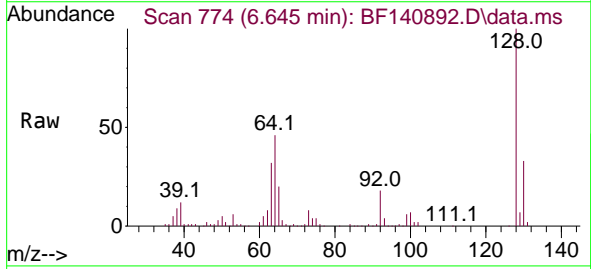
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99 | 100 | | |
| 42 | 18.3 | 14.3 | 21.5 |
| 71 | 37.4 | 29.9 | 44.9 |

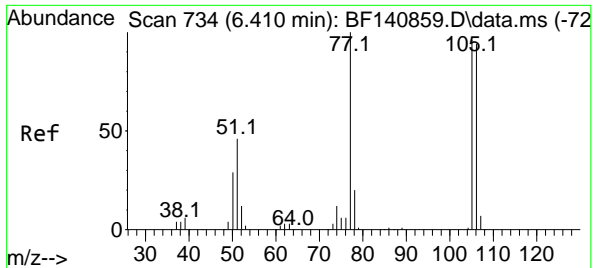


#8
 2-Chlorophenol
 Concen: 45.679 ng
 RT: 6.645 min Scan# 774
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 128 Resp: 140230

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 130 | 32.6 | 12.9 | 52.9 |
| 64 | 45.6 | 24.3 | 64.3 |

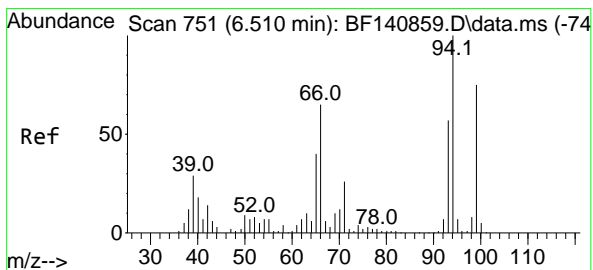
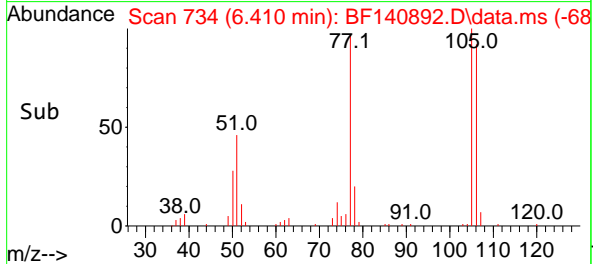
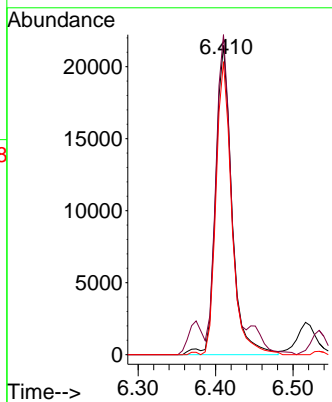
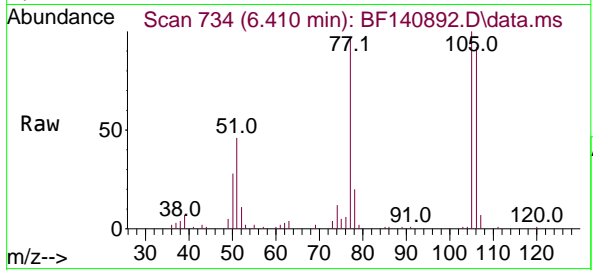




#9
 Benzaldehyde
 Concen: 15.167 ng
 RT: 6.410 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

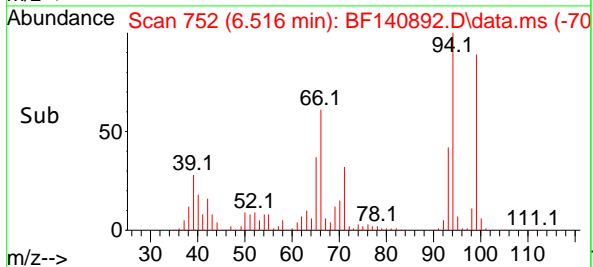
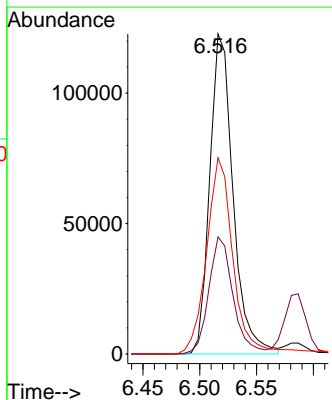
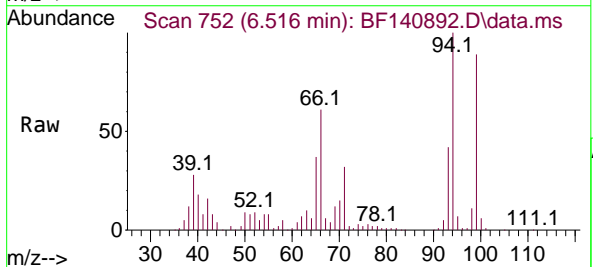
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 HR-04-121624MS

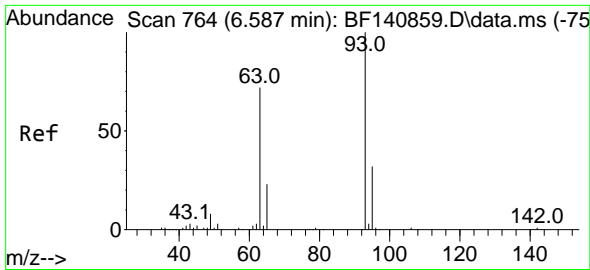
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 77 | 100 | | |
| 105 | 103.5 | 75.8 | 115.8 |
| 106 | 94.8 | 74.1 | 114.1 |



#10
 Phenol
 Concen: 45.344 ng
 RT: 6.516 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

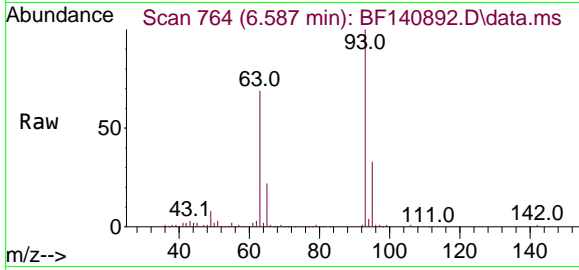
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 94 | 100 | | |
| 65 | 36.6 | 19.9 | 59.9 |
| 66 | 61.3 | 45.6 | 85.6 |





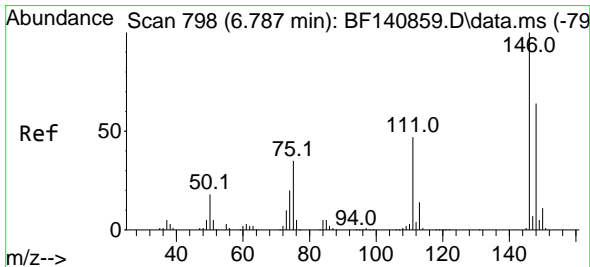
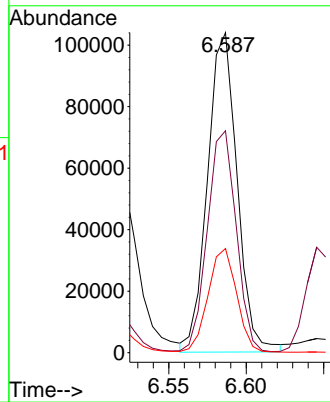
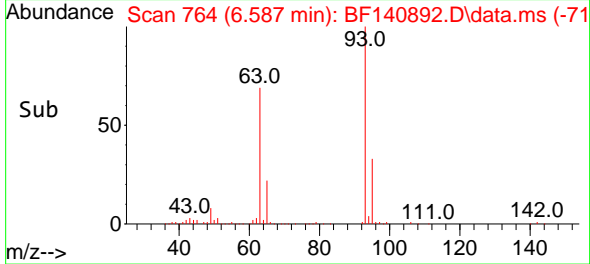
#11
 bis(2-Chloroethyl)ether
 Concen: 47.954 ng
 RT: 6.587 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

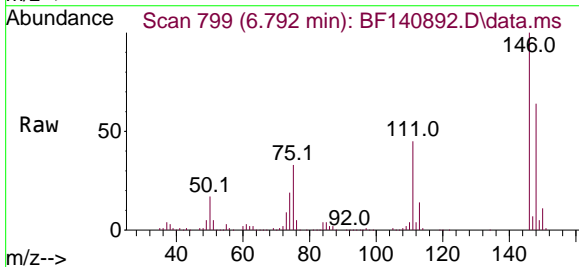


Tgt Ion: 93 Resp: 138203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 63 | 69.4 | 51.0 | 91.0 |
| 95 | 32.6 | 12.0 | 52.0 |

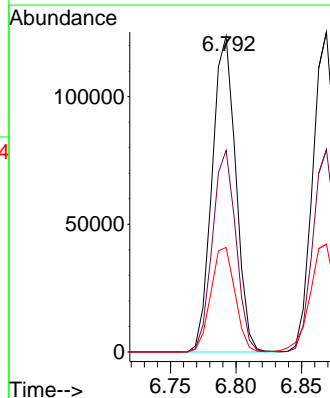
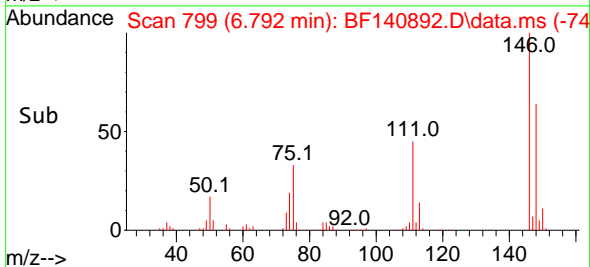


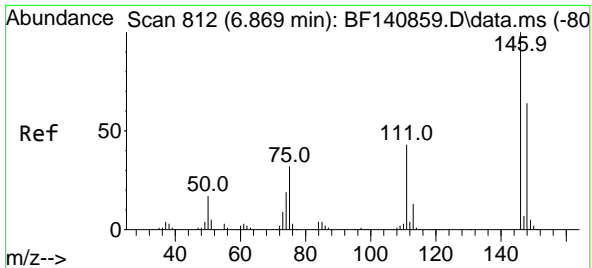
#12
 1,3-Dichlorobenzene
 Concen: 44.396 ng
 RT: 6.792 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion: 146 Resp: 155299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 63.8 | 51.0 | 76.6 |
| 75 | 33.0 | 28.1 | 42.1 |



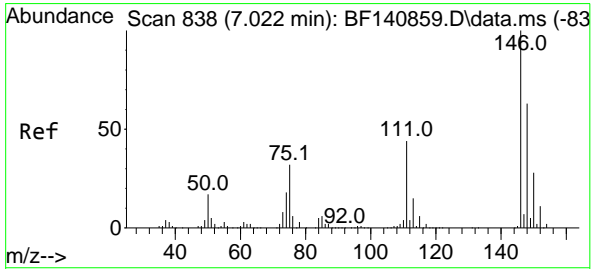
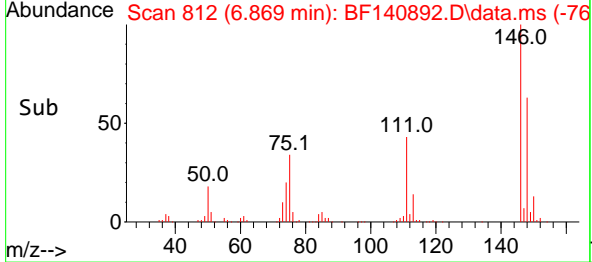
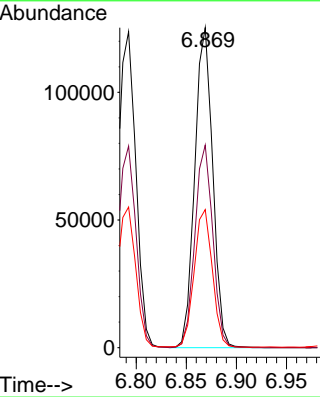
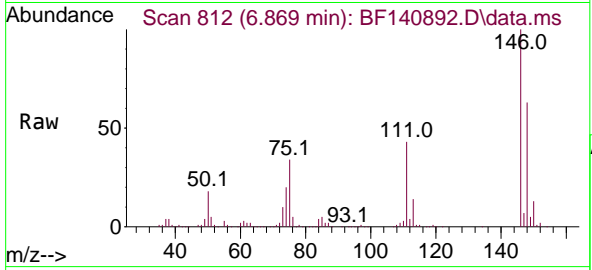


#13
 1,4-Dichlorobenzene
 Concen: 44.126 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:146 Resp: 156681

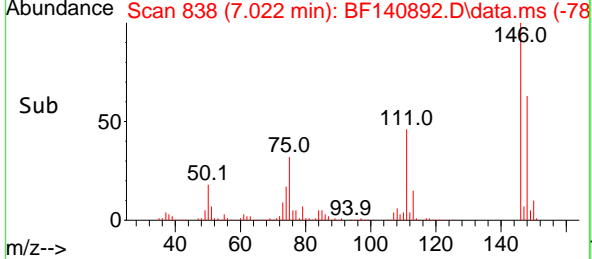
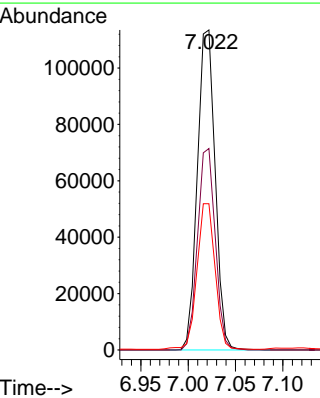
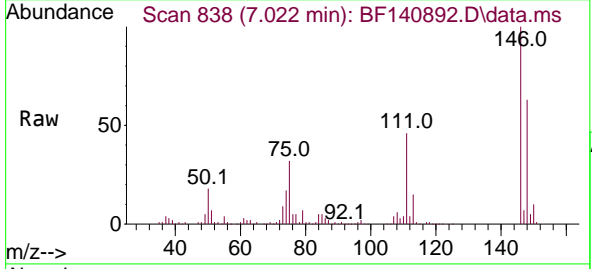
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 63.3 | 51.3 | 76.9 |
| 111 | 43.1 | 34.4 | 51.6 |

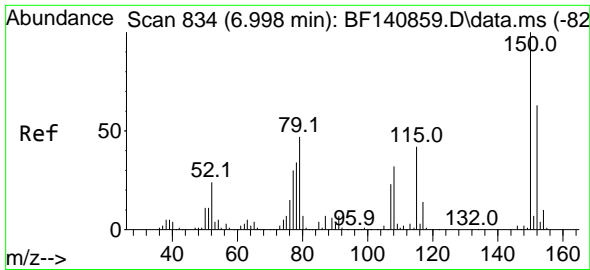


#14
 1,2-Dichlorobenzene
 Concen: 44.299 ng
 RT: 7.022 min Scan# 838
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:146 Resp: 148410

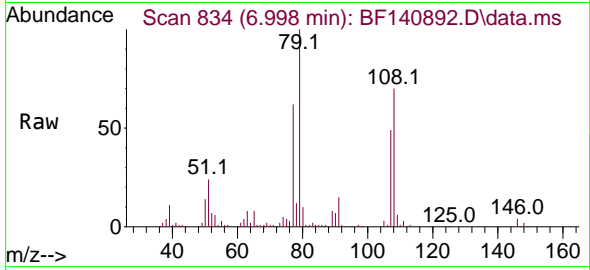
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 63.0 | 50.0 | 75.0 |
| 111 | 45.7 | 35.6 | 53.4 |



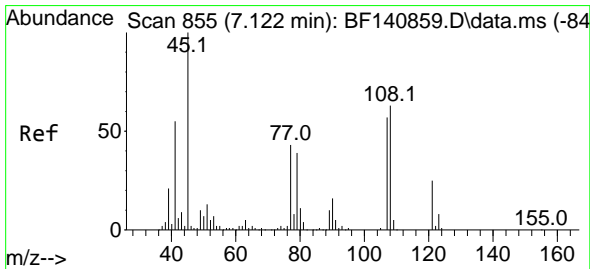
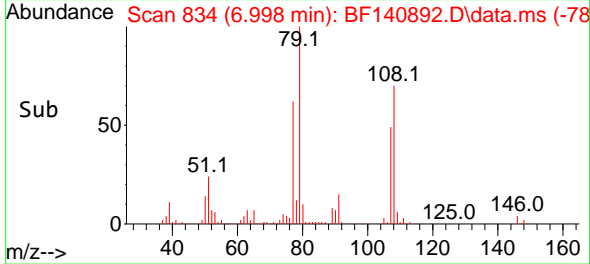
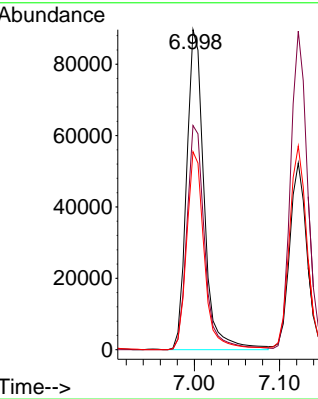


#15
 Benzyl Alcohol
 Concen: 47.892 ng
 RT: 6.998 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

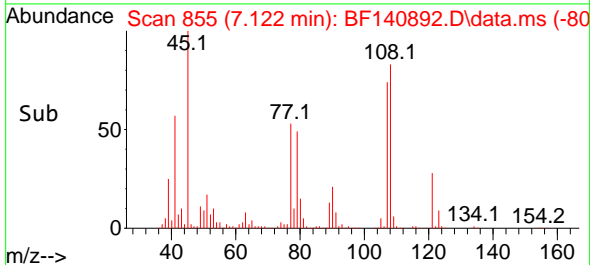
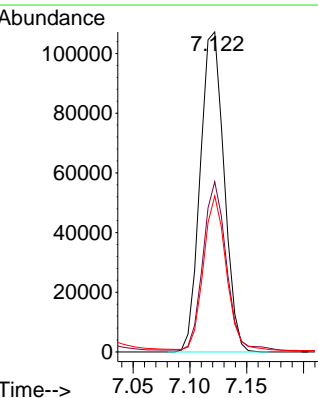
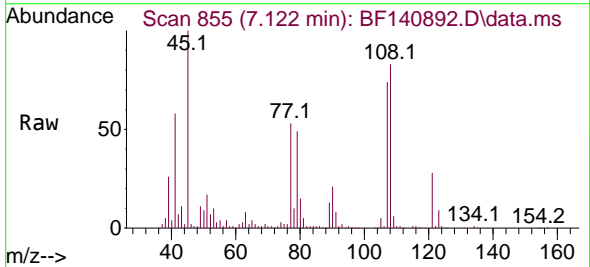


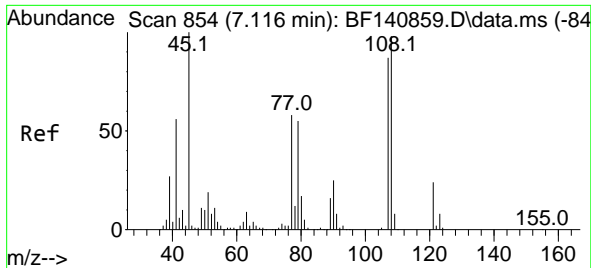
Tgt Ion: 79 Resp: 127680
 Ion Ratio Lower Upper
 79 100
 108 70.0 55.1 82.7
 77 61.9 50.6 76.0



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 46.093 ng
 RT: 7.122 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 45 Resp: 156488
 Ion Ratio Lower Upper
 45 100
 77 53.2 23.3 63.3
 79 48.8 20.0 60.0



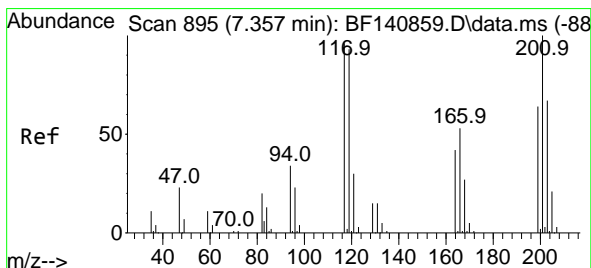
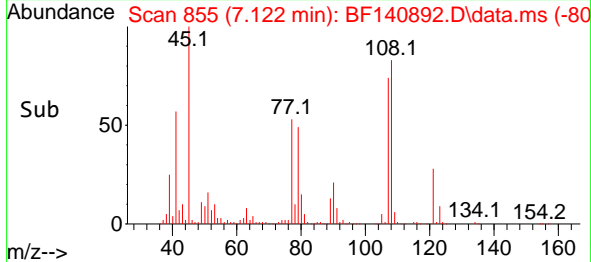
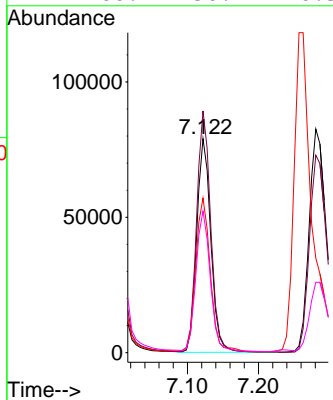
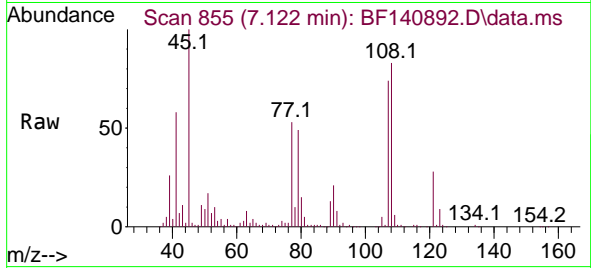


#17
 2-Methylphenol
 Concen: 44.617 ng
 RT: 7.122 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:107 Resp: 109353

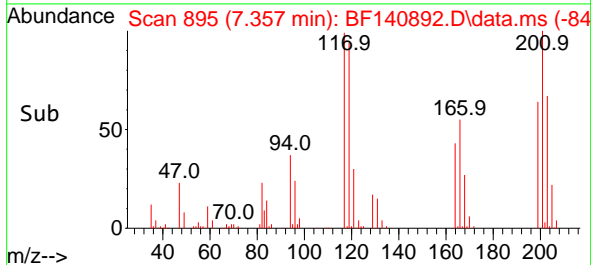
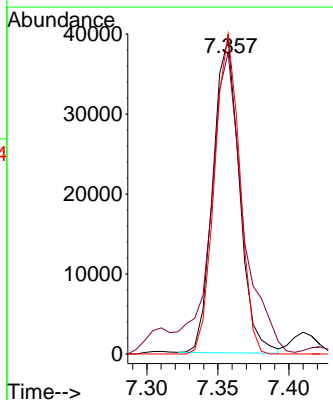
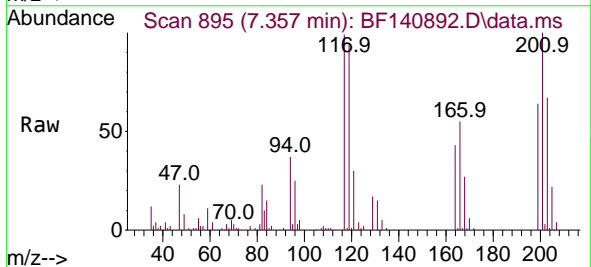
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 112.9 | 90.2 | 135.4 |
| 77 | 72.2 | 53.8 | 80.6 |
| 79 | 66.1 | 50.9 | 76.3 |

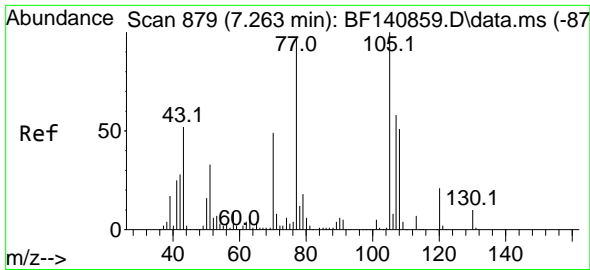


#18
 Hexachloroethane
 Concen: 38.395 ng
 RT: 7.357 min Scan# 895
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:117 Resp: 50753

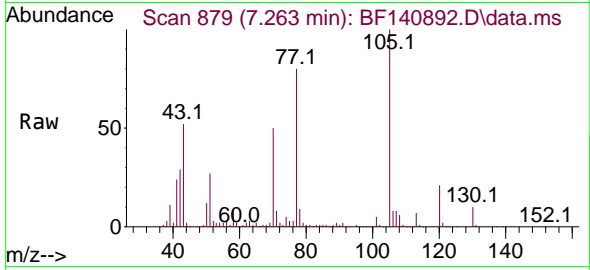
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 119 | 95.5 | 77.4 | 116.0 |
| 201 | 101.5 | 83.4 | 125.0 |



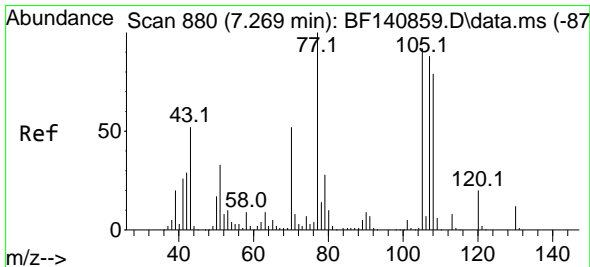
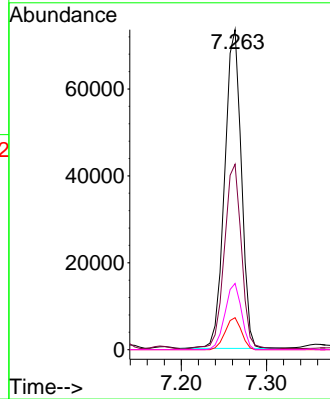
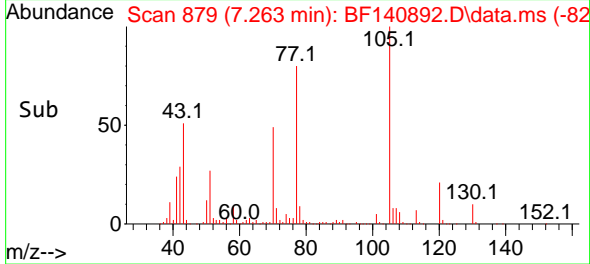


#19
 n-Nitroso-di-n-propylamine
 Concen: 44.611 ng
 RT: 7.263 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

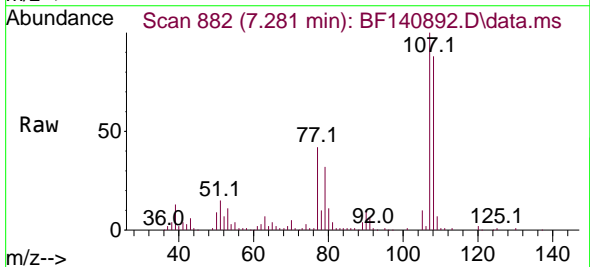
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



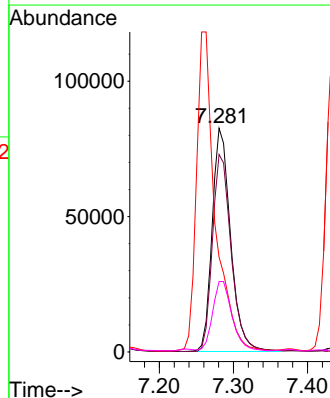
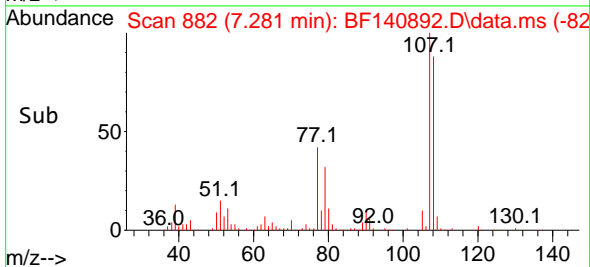
Tgt Ion: 70 Resp: 99778
 Ion Ratio Lower Upper
 70 100
 42 57.9 45.3 67.9
 101 10.0 8.0 12.0
 130 20.7 16.9 25.3

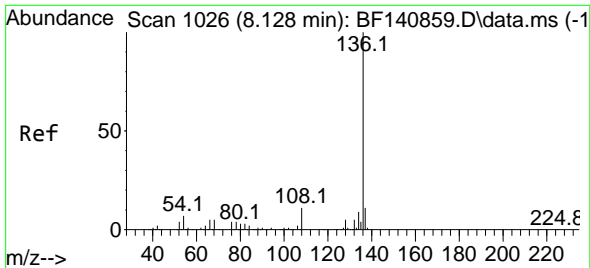


#20
 3+4-Methylphenols
 Concen: 43.956 ng
 RT: 7.281 min Scan# 882
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion: 107 Resp: 142857
 Ion Ratio Lower Upper
 107 100
 108 88.3 70.1 110.1
 77 42.3 94.4 134.4#
 79 31.5 12.2 52.2



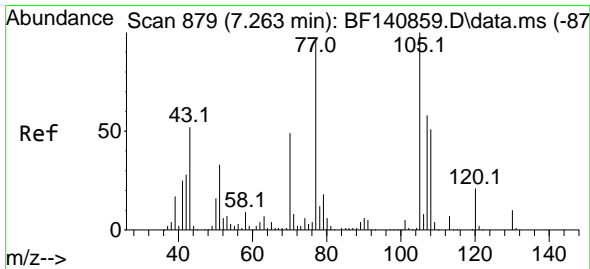
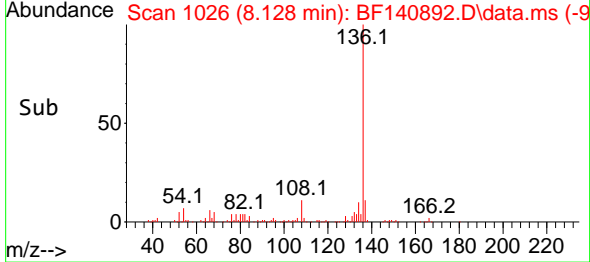
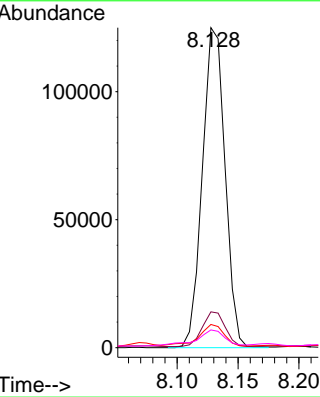
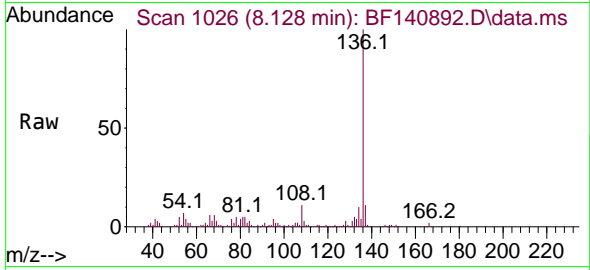


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.128 min Scan# 1026
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:136 Resp: 162145

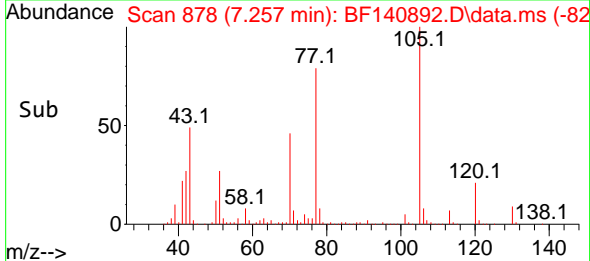
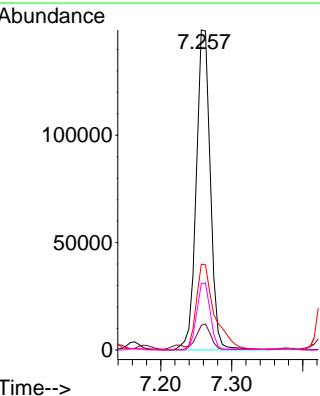
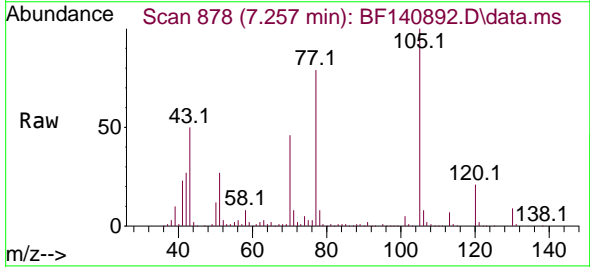
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.4 |
| 54 | 7.3 | 5.6 | 8.4 |
| 68 | 5.6 | 4.2 | 6.2 |

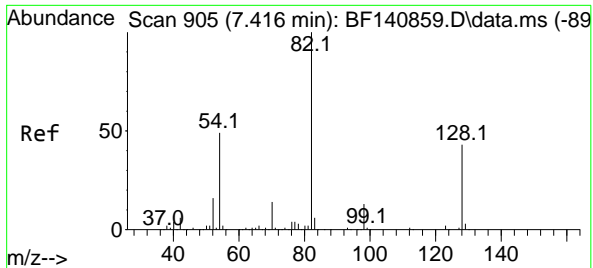


#22
 Acetophenone
 Concen: 50.939 ng
 RT: 7.257 min Scan# 878
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:105 Resp: 206614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 7.7 | 6.2 | 9.4 |
| 51 | 26.8 | 26.3 | 39.5 |
| 120 | 20.7 | 17.1 | 25.7 |



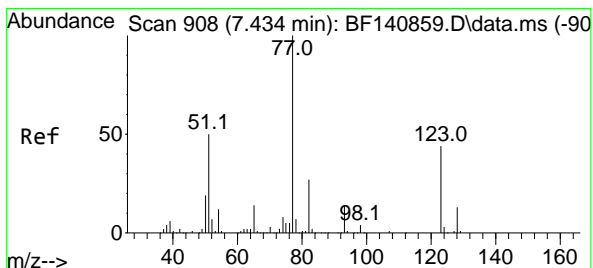
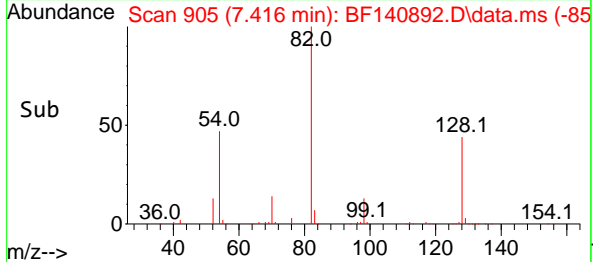
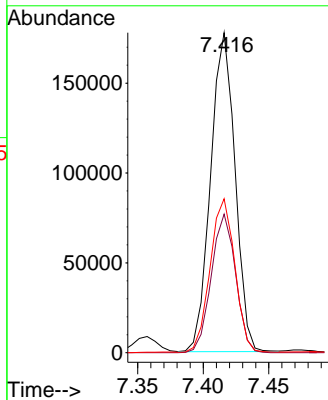
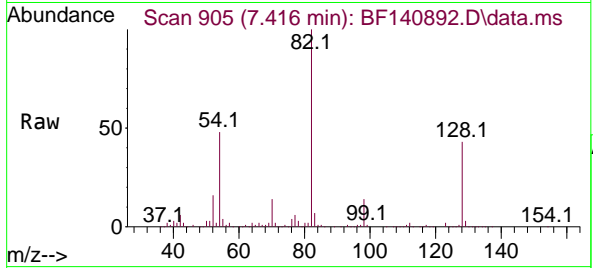


#23
 Nitrobenzene-d5
 Concen: 70.986 ng
 RT: 7.416 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion: 82 Resp: 230057

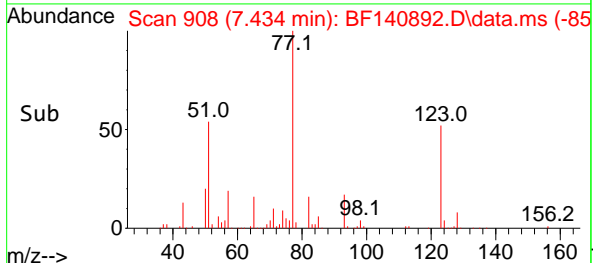
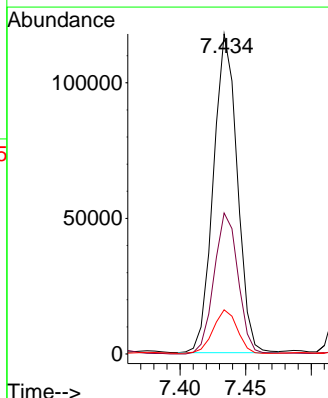
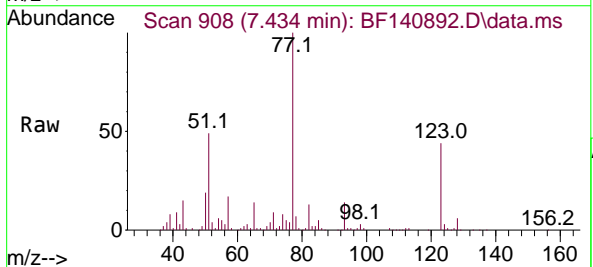
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 128 | 43.3 | 34.4 | 51.6 |
| 54 | 48.1 | 38.8 | 58.2 |

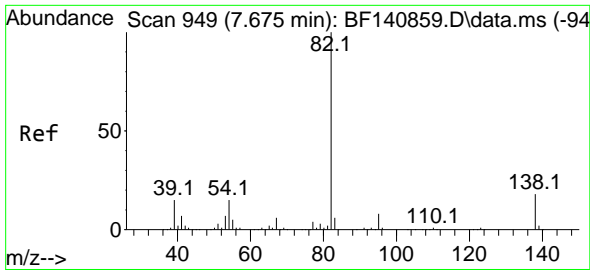


#24
 Nitrobenzene
 Concen: 44.781 ng
 RT: 7.434 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 77 Resp: 148681

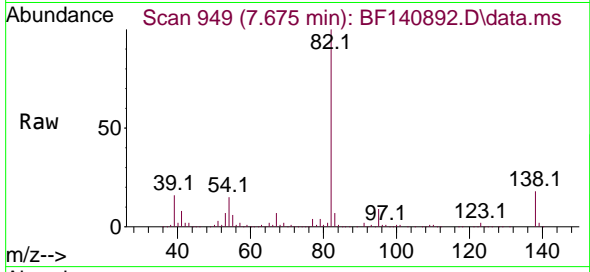
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 123 | 44.1 | 35.0 | 52.4 |
| 65 | 13.8 | 11.4 | 17.0 |



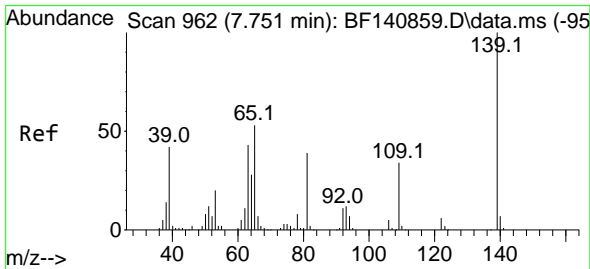
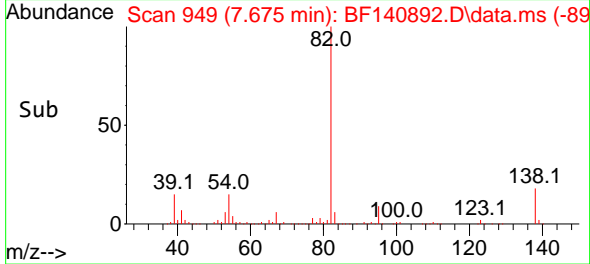
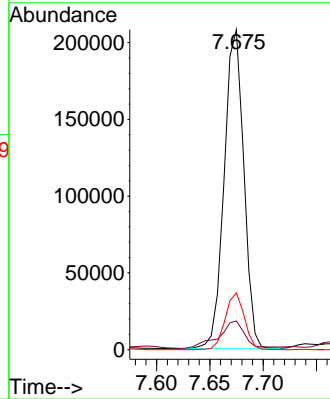


#25
 Isophorone
 Concen: 48.995 ng
 RT: 7.675 min Scan# 949
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

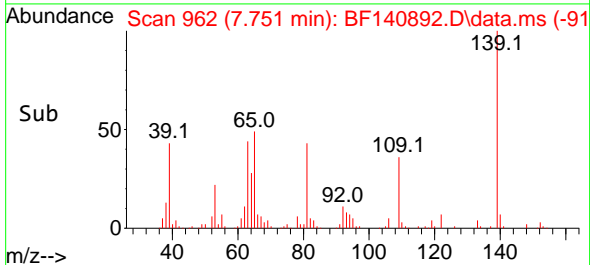
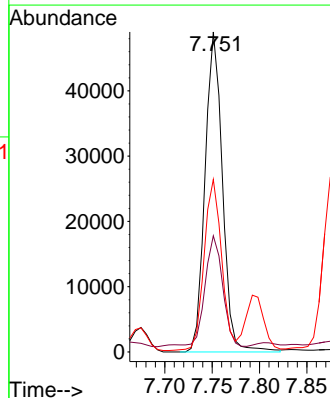
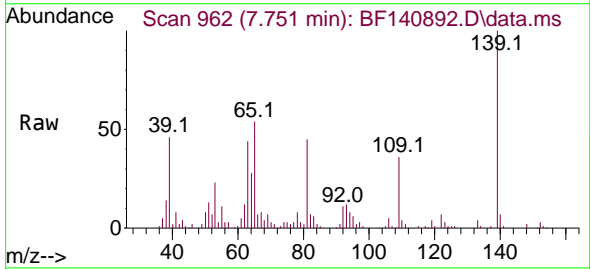


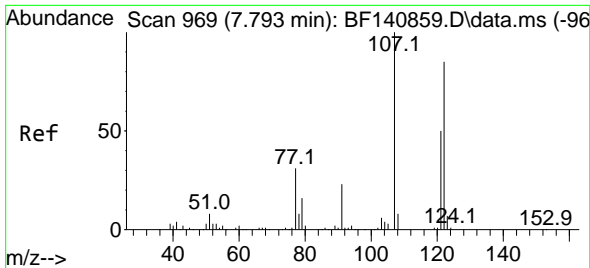
Tgt Ion: 82 Resp: 266054
 Ion Ratio Lower Upper
 82 100
 95 9.0 6.3 9.5
 138 17.7 14.1 21.1



#26
 2-Nitrophenol
 Concen: 40.925 ng
 RT: 7.751 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 139 Resp: 62581
 Ion Ratio Lower Upper
 139 100
 109 36.3 26.9 40.3
 65 53.9 42.6 64.0



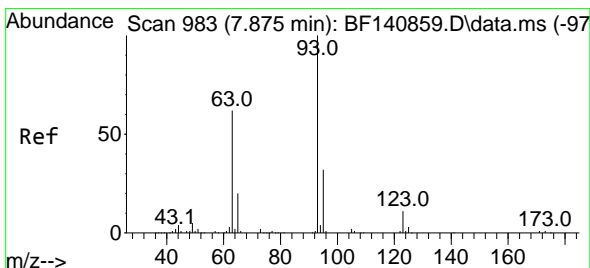
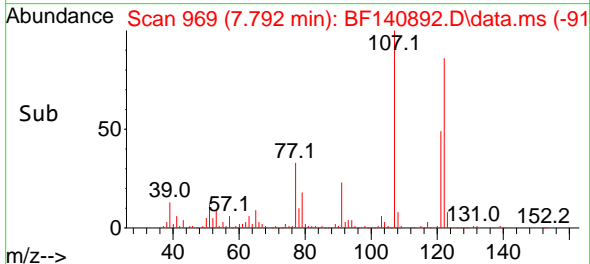
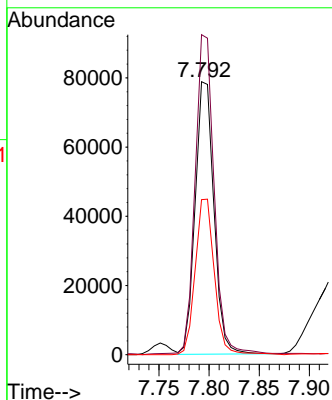
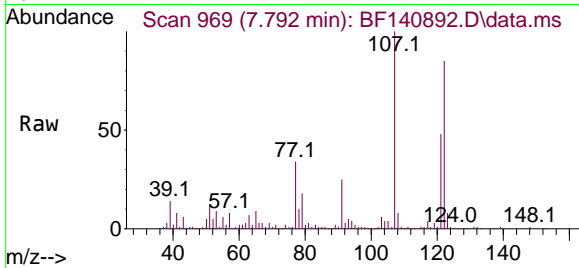


#27
 2,4-Dimethylphenol
 Concen: 57.633 ng
 RT: 7.792 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:122 Resp: 102923

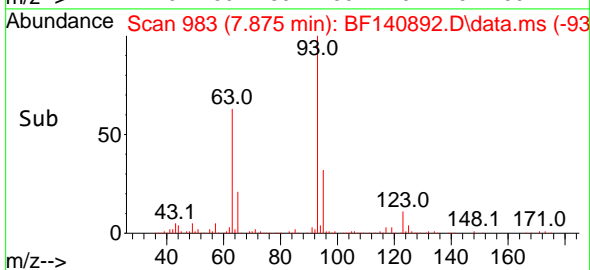
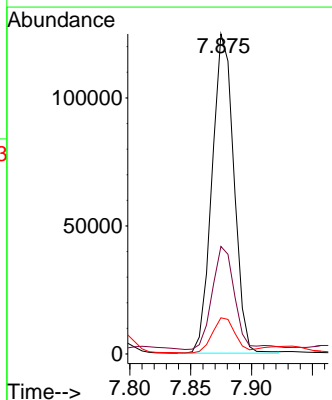
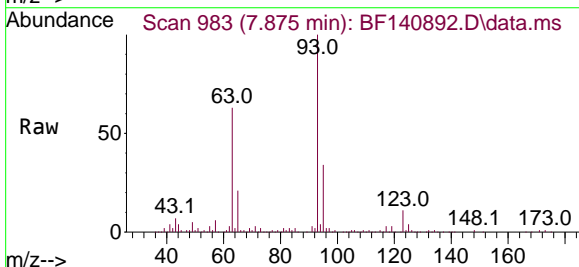
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100 | | |
| 107 | 117.2 | 92.6 | 139.0 |
| 121 | 56.8 | 45.8 | 68.8 |

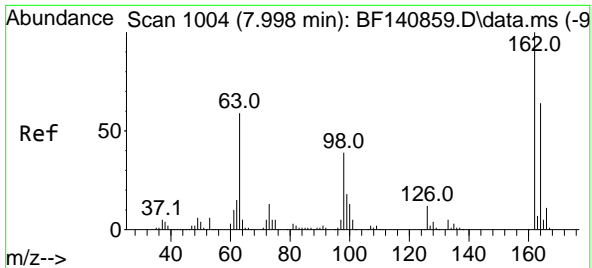


#28
 bis(2-Chloroethoxy)methane
 Concen: 46.030 ng
 RT: 7.875 min Scan# 983
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 93 Resp: 156117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 95 | 33.6 | 25.3 | 37.9 |
| 123 | 11.3 | 8.6 | 13.0 |



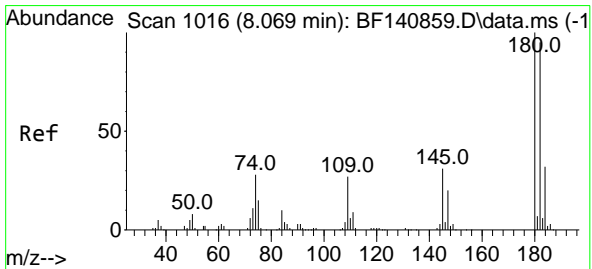
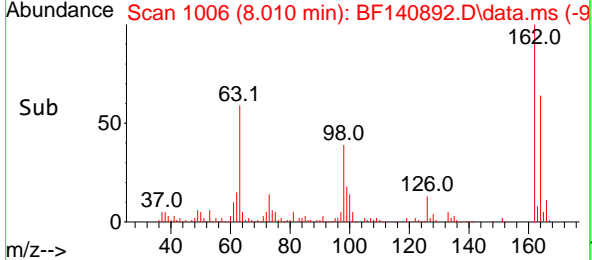
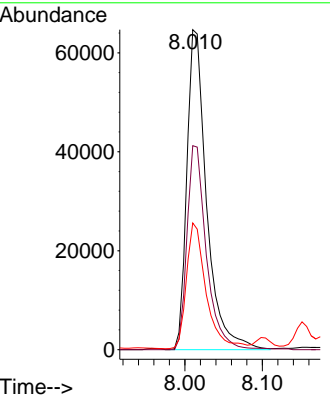
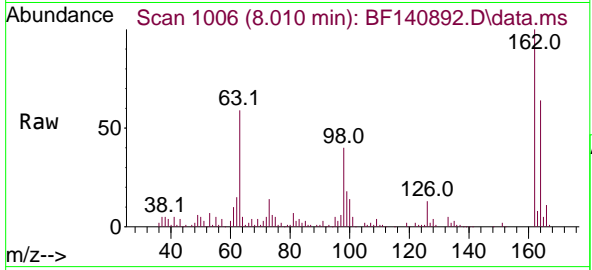


#29
 2,4-Dichlorophenol
 Concen: 46.499 ng
 RT: 8.010 min Scan# 1006
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:162 Resp: 114644

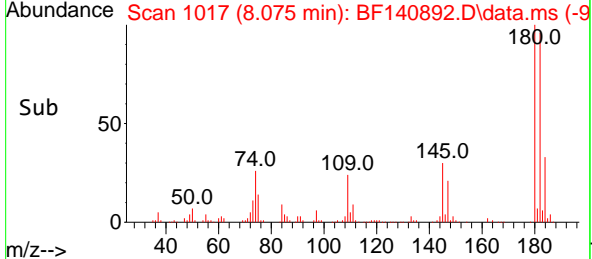
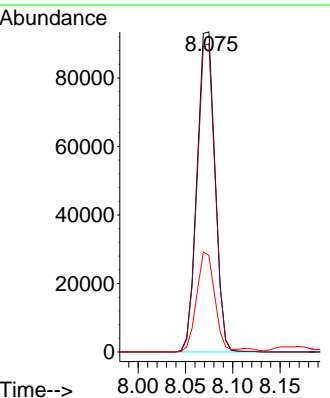
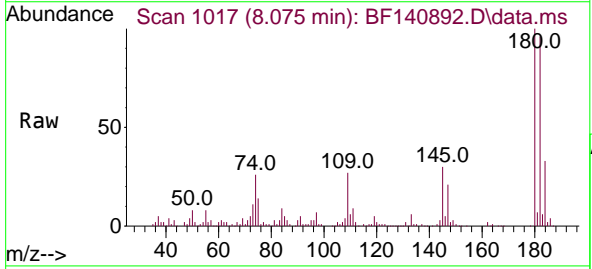
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 164 | 63.7 | 43.7 | 83.7 |
| 98 | 39.6 | 18.6 | 58.6 |

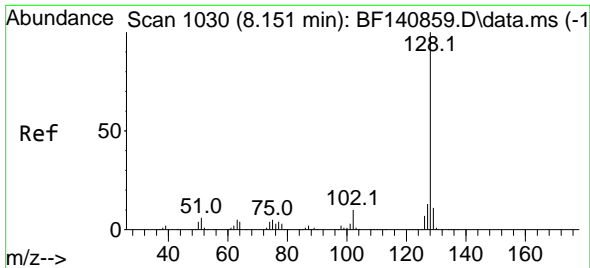


#30
 1,2,4-Trichlorobenzene
 Concen: 43.496 ng
 RT: 8.075 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:180 Resp: 122935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100 | | |
| 182 | 96.3 | 75.8 | 113.6 |
| 145 | 30.2 | 25.2 | 37.8 |



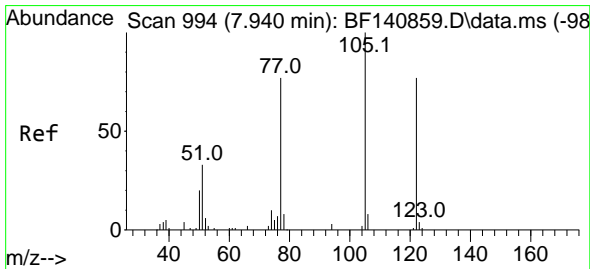
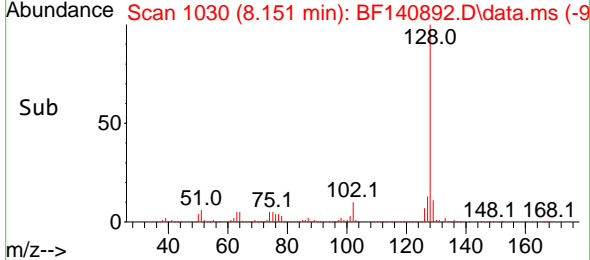
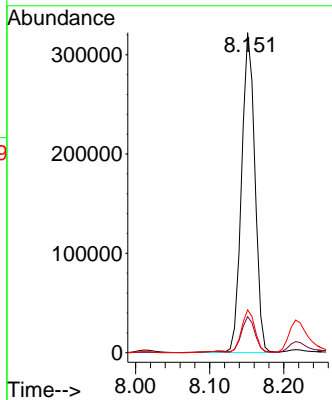
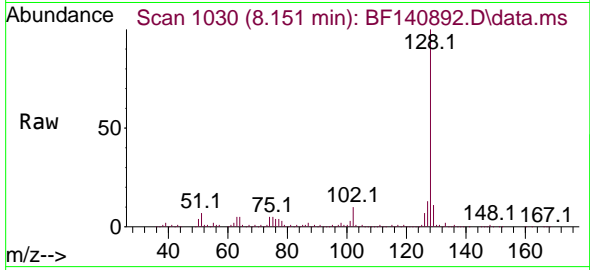


#31
 Naphthalene
 Concen: 45.261 ng
 RT: 8.151 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:128 Resp: 403132

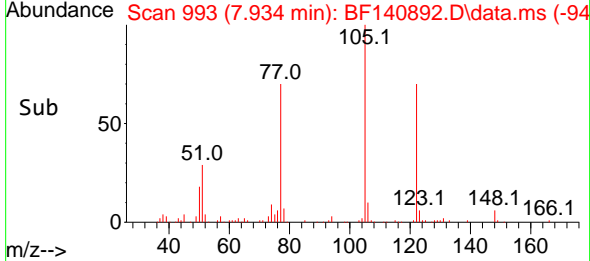
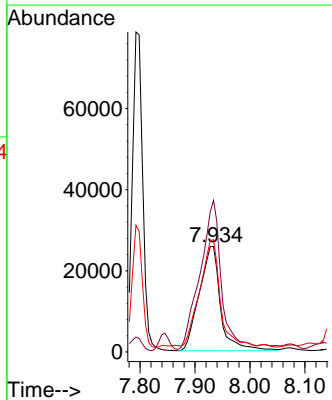
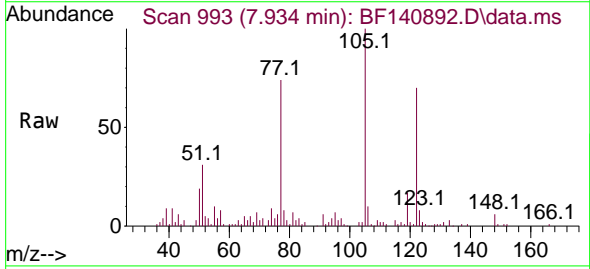
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 129 | 11.2 | 8.9 | 13.3 |
| 127 | 13.4 | 10.6 | 16.0 |

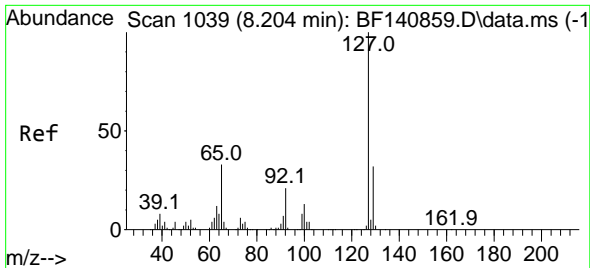


#32
 Benzoic acid
 Concen: 41.031 ng
 RT: 7.934 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:122 Resp: 69494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100 | | |
| 105 | 143.8 | 108.3 | 148.3 |
| 77 | 106.4 | 78.8 | 118.8 |



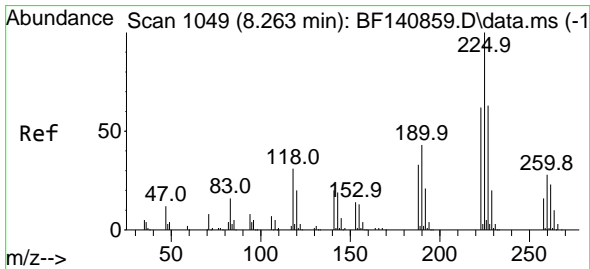
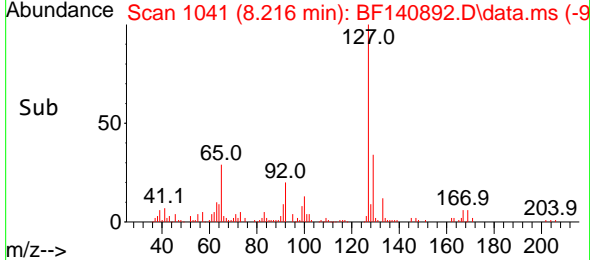
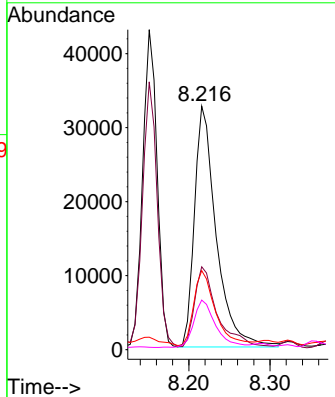
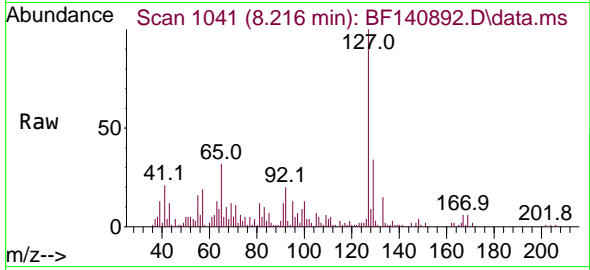


#33
 4-Chloroaniline
 Concen: 20.555 ng
 RT: 8.216 min Scan# 1041
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:127 Resp: 60806

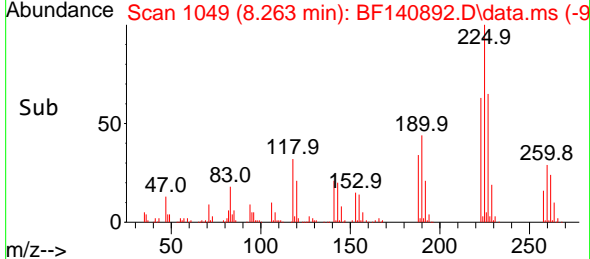
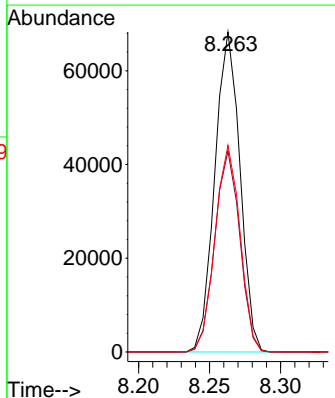
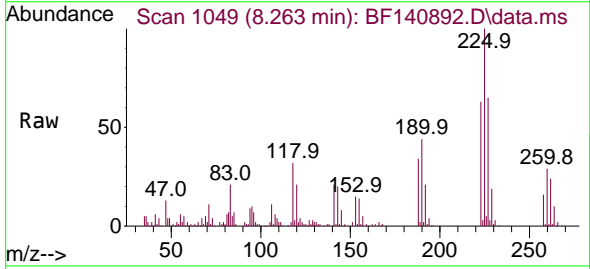
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100 | | |
| 129 | 34.0 | 26.0 | 39.0 |
| 65 | 32.5 | 26.0 | 39.0 |
| 92 | 20.4 | 16.7 | 25.1 |

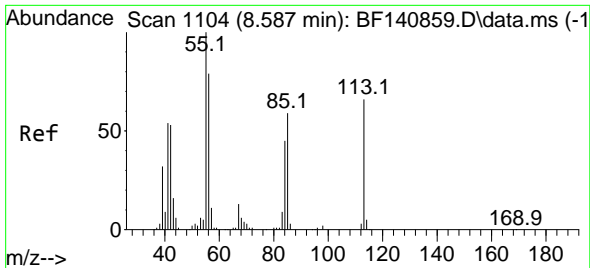


#34
 Hexachlorobutadiene
 Concen: 44.209 ng
 RT: 8.263 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:225 Resp: 84066

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100 | | |
| 223 | 62.7 | 49.6 | 74.4 |
| 227 | 64.6 | 50.7 | 76.1 |



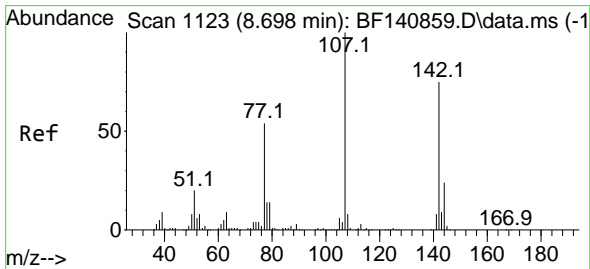
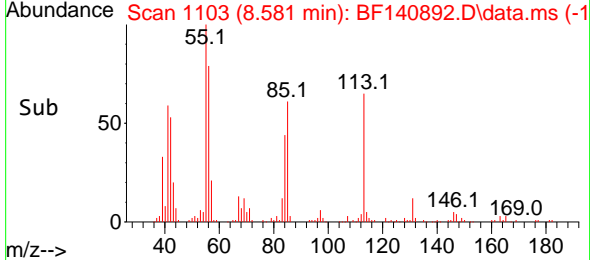
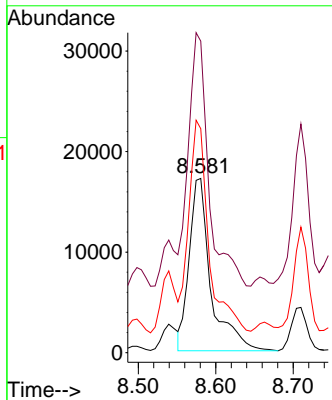
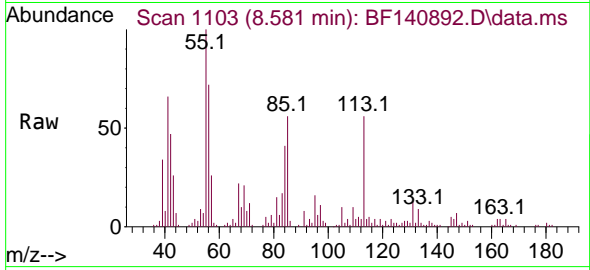


#35
 Caprolactam
 Concen: 45.507 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:113 Resp: 33402

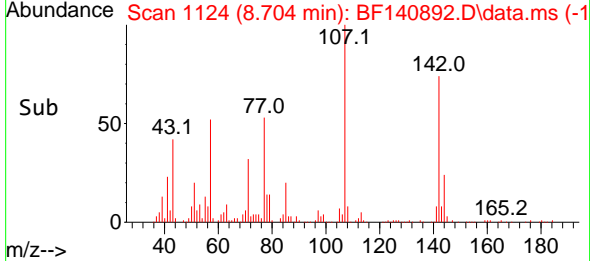
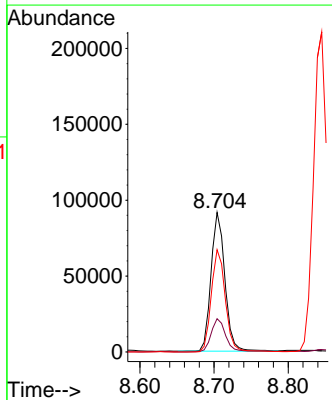
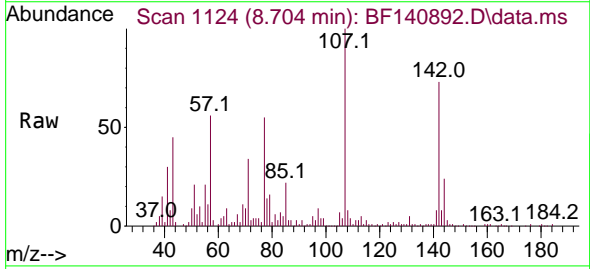
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|--------|
| 113 | 100 | | |
| 55 | 178.7 | 132.3 | 172.3# |
| 56 | 128.5 | 100.3 | 140.3 |

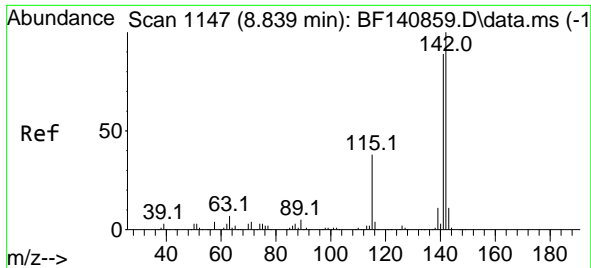


#36
 4-Chloro-3-methylphenol
 Concen: 42.810 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:107 Resp: 118797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 144 | 23.9 | 19.4 | 29.2 |
| 142 | 73.3 | 60.3 | 90.5 |

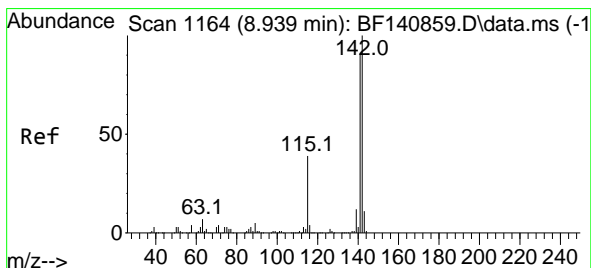
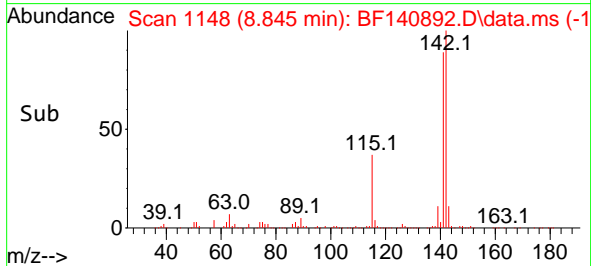
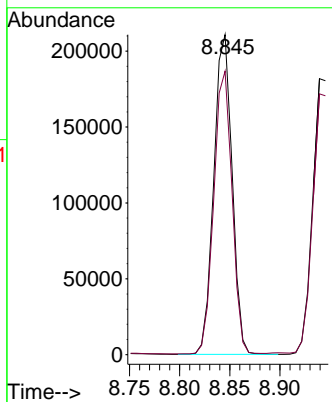
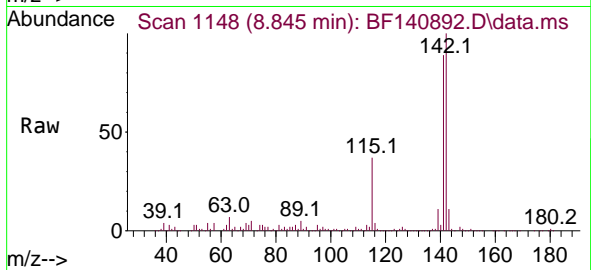




#37
 2-Methylnaphthalene
 Concen: 45.205 ng
 RT: 8.845 min Scan# 1148
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

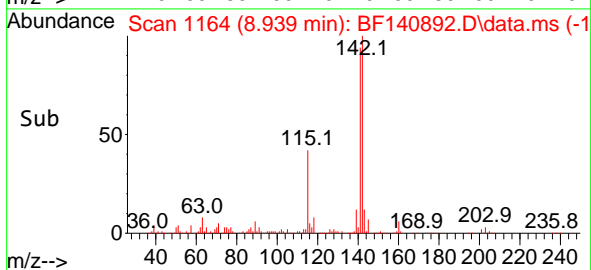
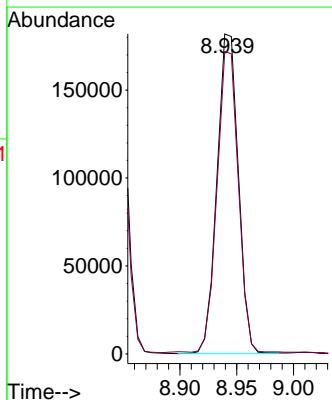
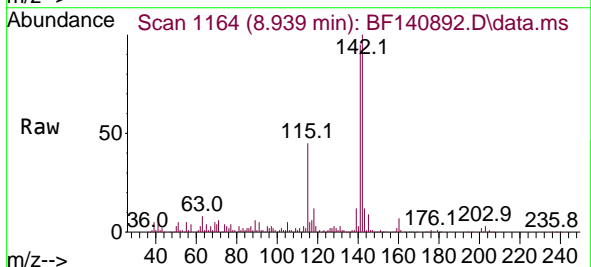
Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

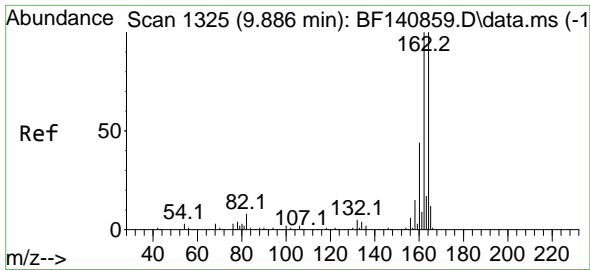
Tgt Ion:142 Resp: 266342
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6



#38
 1-Methylnaphthalene
 Concen: 40.781 ng
 RT: 8.939 min Scan# 1164
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

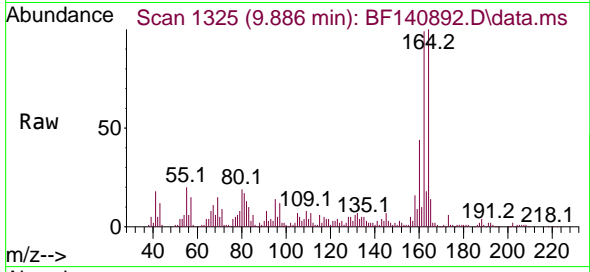
Tgt Ion:142 Resp: 237629
 Ion Ratio Lower Upper
 142 100
 141 94.5 73.4 110.0



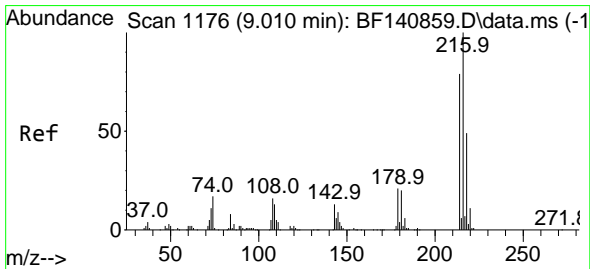
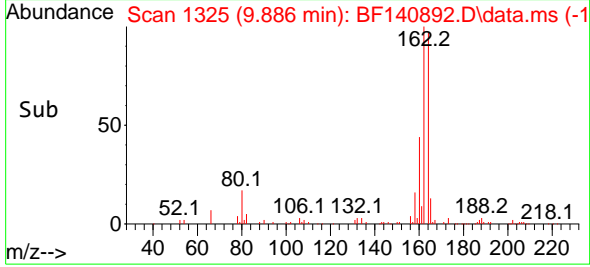
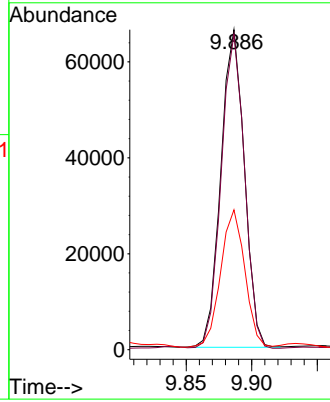


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

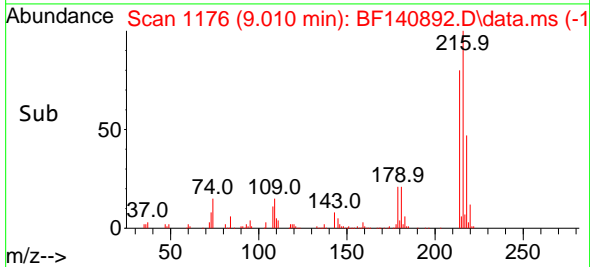
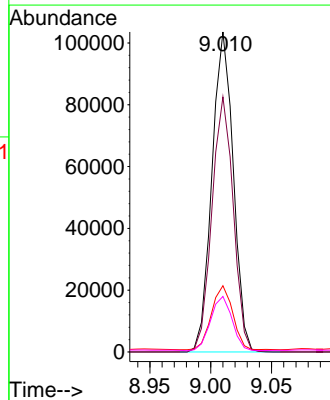
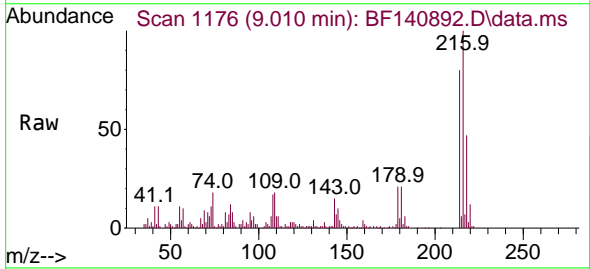


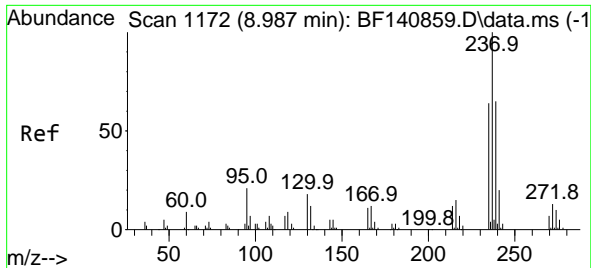
Tgt Ion:164 Resp: 82513
 Ion Ratio Lower Upper
 164 100
 162 98.5 79.9 119.9
 160 43.7 35.2 52.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.721 ng
 RT: 9.010 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:216 Resp: 126100
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.6 95.4
 179 20.0 17.0 25.4
 108 17.1 14.2 21.2

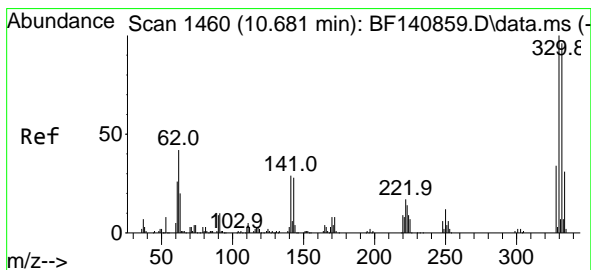
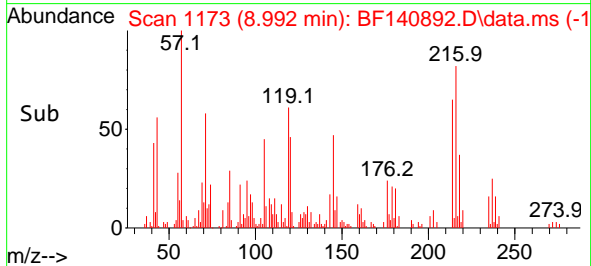
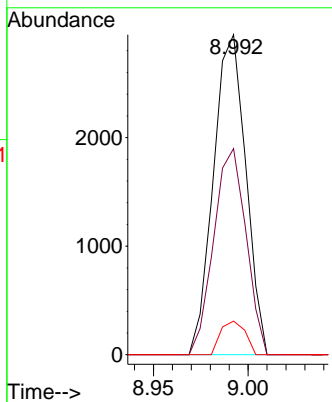
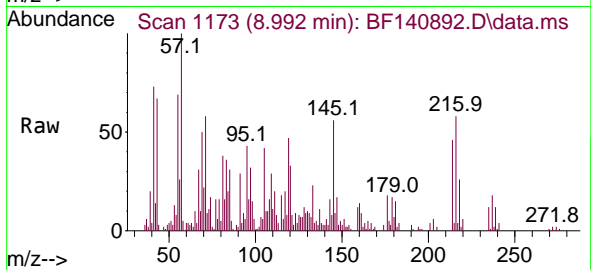




#41
 Hexachlorocyclopentadiene
 Concen: 8.170 ng
 RT: 8.992 min Scan# 1173
 Delta R.T. 0.005 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

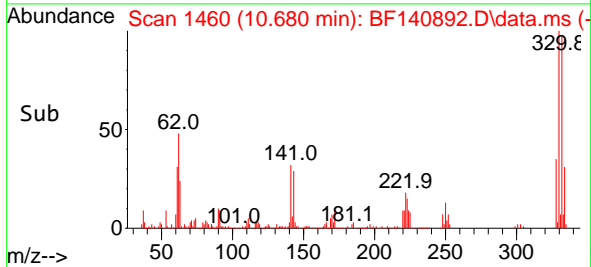
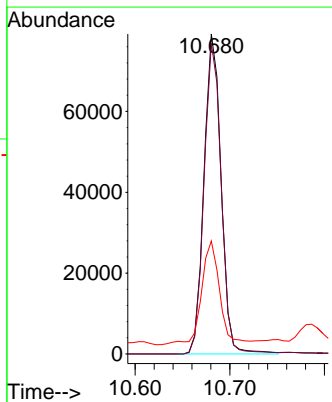
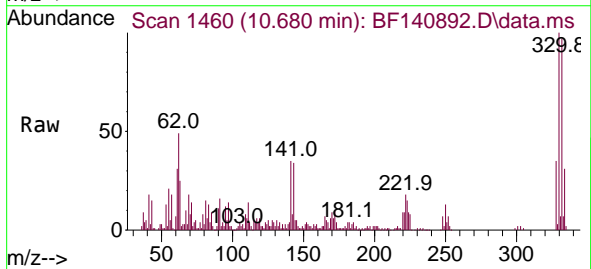
Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

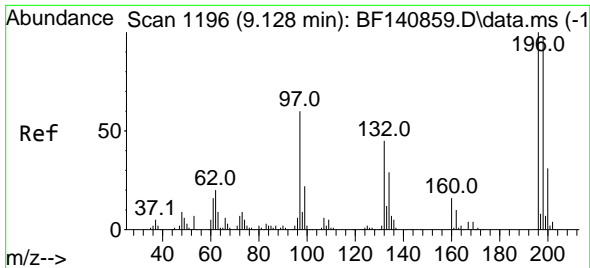
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 237 | 100 | | |
| 235 | 64.4 | 43.7 | 83.7 |
| 272 | 10.5 | 0.0 | 32.9 |



#42
 2,4,6-Tribromophenol
 Concen: 101.957 ng
 RT: 10.680 min Scan# 1460
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330 | 100 | | |
| 332 | 97.2 | 76.2 | 114.4 |
| 141 | 34.5 | 24.9 | 37.3 |



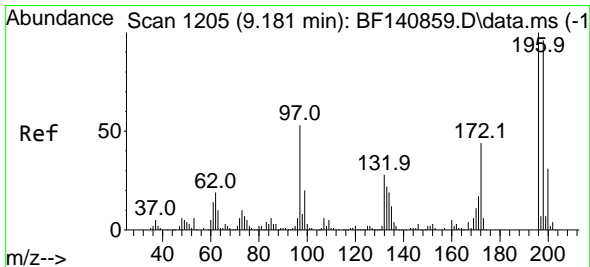
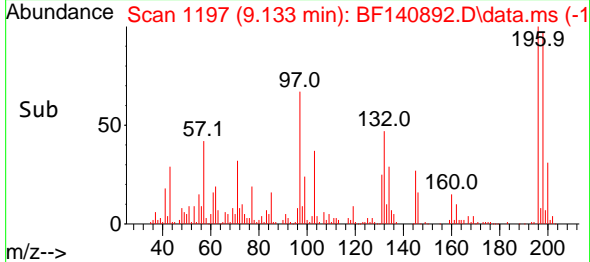
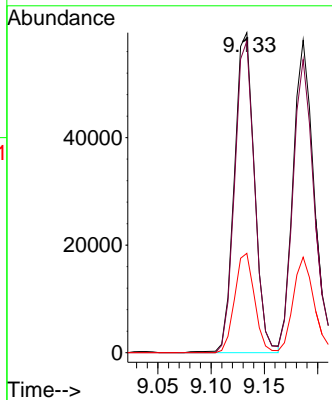
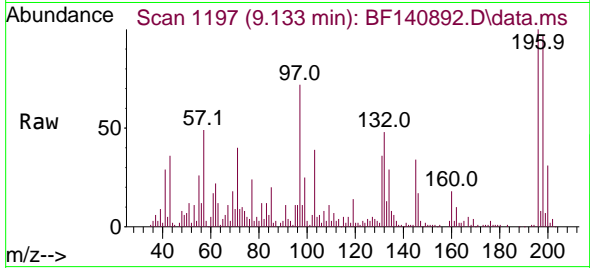


#43
 2,4,6-Trichlorophenol
 Concen: 50.317 ng
 RT: 9.133 min Scan# 1197
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:196 Resp: 78139

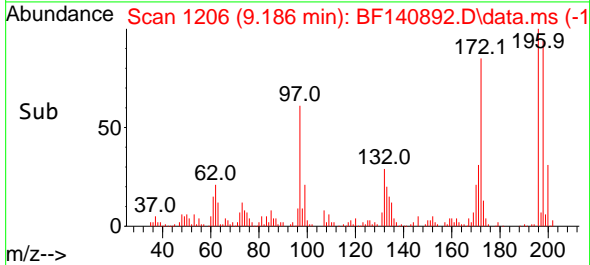
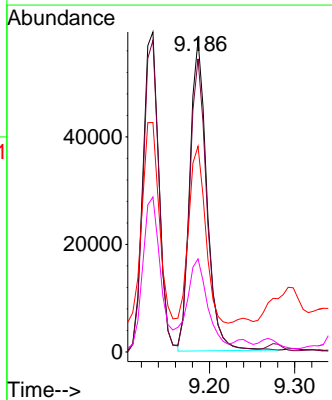
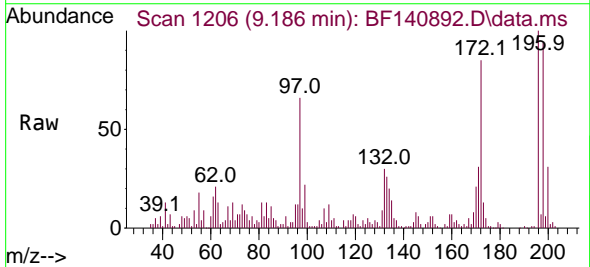
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100 | | |
| 198 | 97.4 | 77.4 | 116.0 |
| 200 | 31.1 | 24.5 | 36.7 |

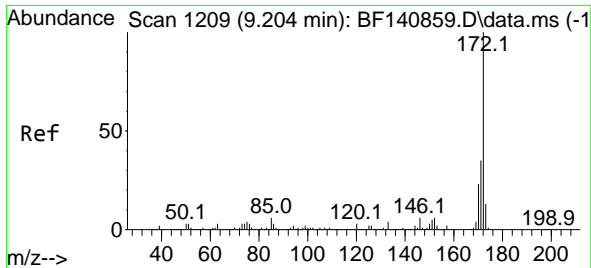


#44
 2,4,5-Trichlorophenol
 Concen: 47.067 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:196 Resp: 80338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100 | | |
| 198 | 93.8 | 77.2 | 115.8 |
| 97 | 65.8 | 42.2 | 63.4# |
| 132 | 29.8 | 23.1 | 34.7 |



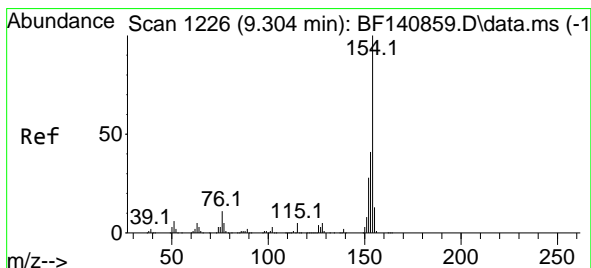
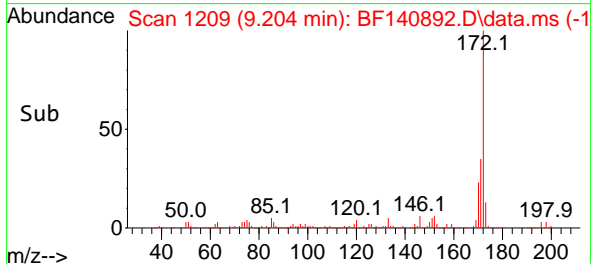
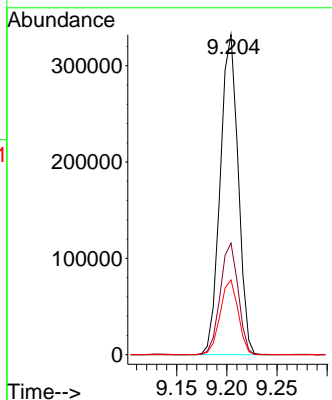
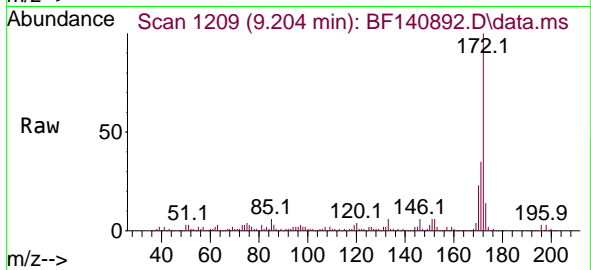


#45
 2-Fluorobiphenyl
 Concen: 68.733 ng
 RT: 9.204 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:172 Resp: 412506

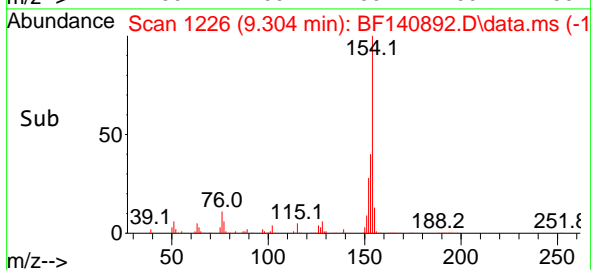
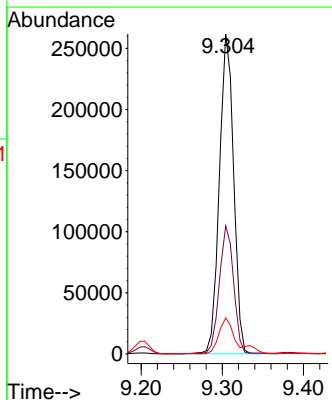
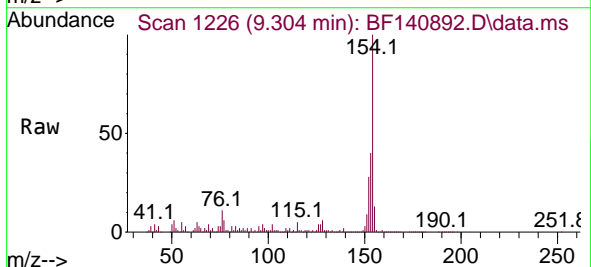
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100 | | |
| 171 | 34.8 | 28.4 | 42.6 |
| 170 | 23.4 | 18.6 | 28.0 |

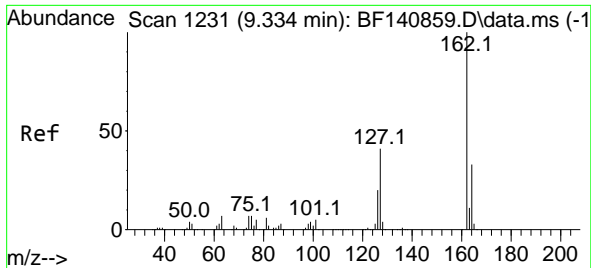


#46
 1,1'-Biphenyl
 Concen: 48.790 ng
 RT: 9.304 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:154 Resp: 320127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 40.1 | 20.8 | 60.8 |
| 76 | 11.3 | 0.0 | 31.0 |



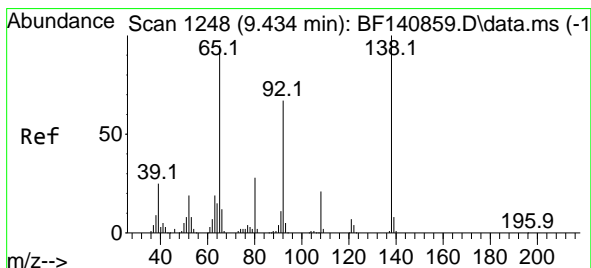
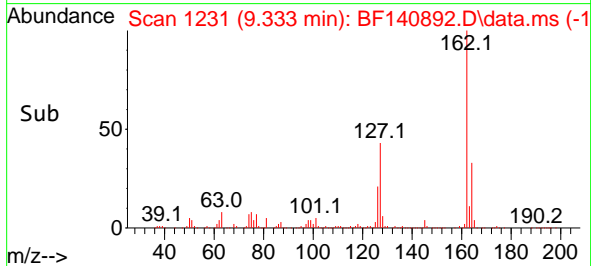
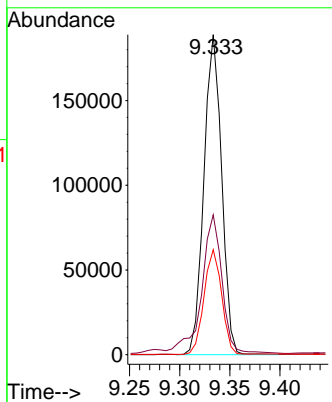
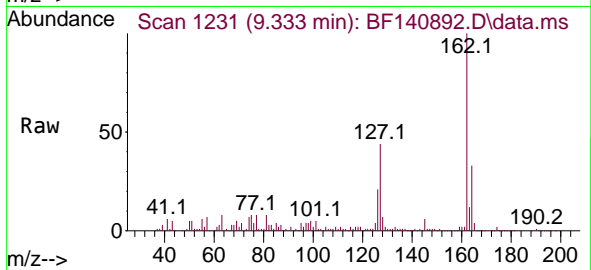


#47
 2-Chloronaphthalene
 Concen: 46.289 ng
 RT: 9.333 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:162 Resp: 232348

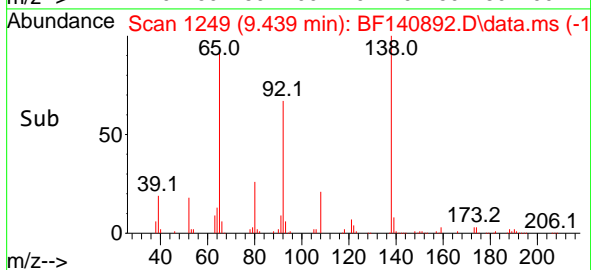
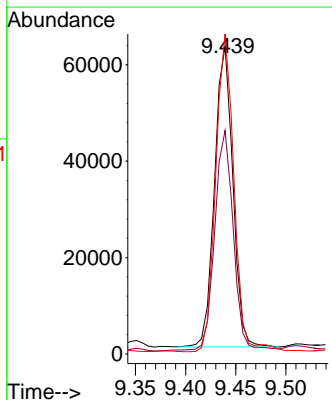
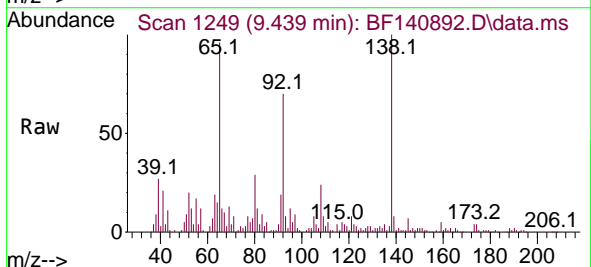
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 127 | 43.7 | 33.5 | 50.3 |
| 164 | 32.8 | 26.2 | 39.2 |

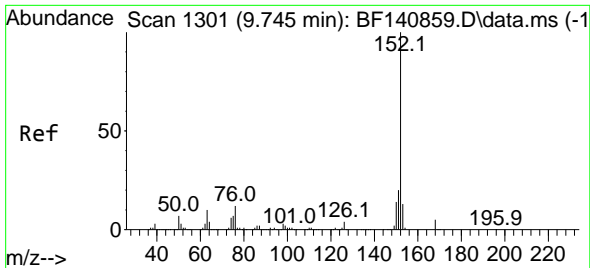


#48
 2-Nitroaniline
 Concen: 52.082 ng
 RT: 9.439 min Scan# 1249
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 65 Resp: 78954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65 | 100 | | |
| 92 | 72.7 | 56.3 | 84.5 |
| 138 | 104.0 | 83.8 | 125.6 |



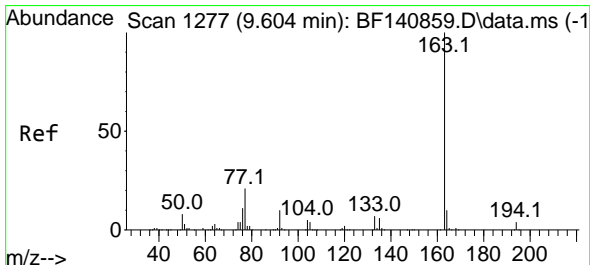
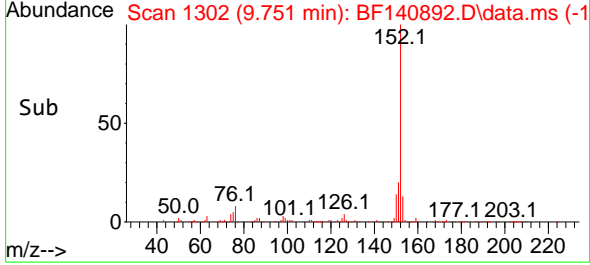
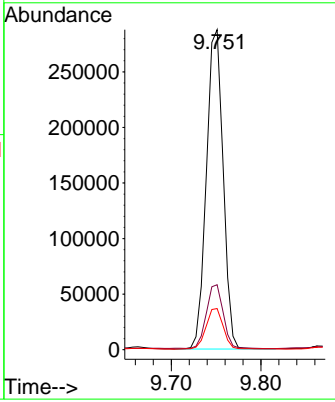
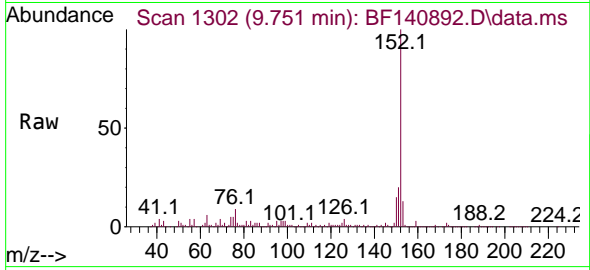


#49
 Acenaphthylene
 Concen: 50.435 ng
 RT: 9.751 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:152 Resp: 372034

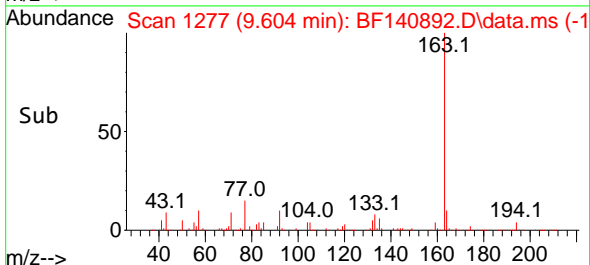
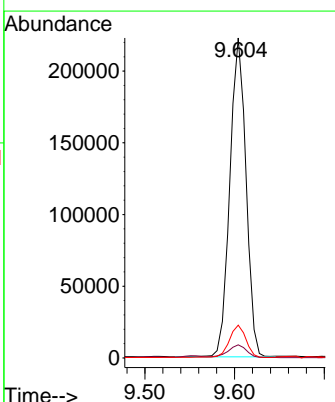
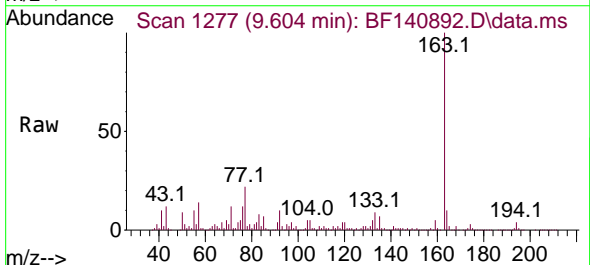
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100 | | |
| 151 | 20.3 | 16.0 | 24.0 |
| 153 | 12.9 | 10.6 | 16.0 |

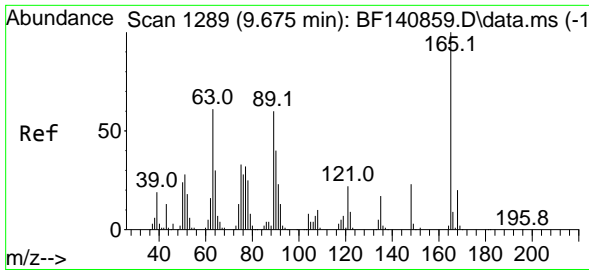


#50
 Dimethylphthalate
 Concen: 47.838 ng
 RT: 9.604 min Scan# 1277
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:163 Resp: 278289

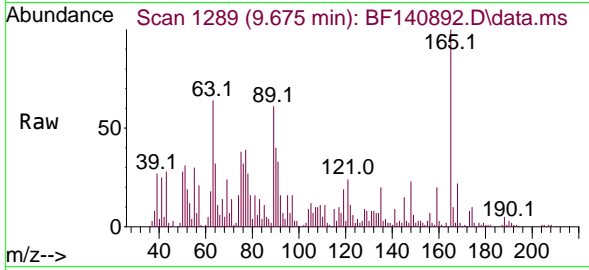
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100 | | |
| 194 | 4.1 | 3.1 | 4.7 |
| 164 | 10.2 | 8.1 | 12.1 |



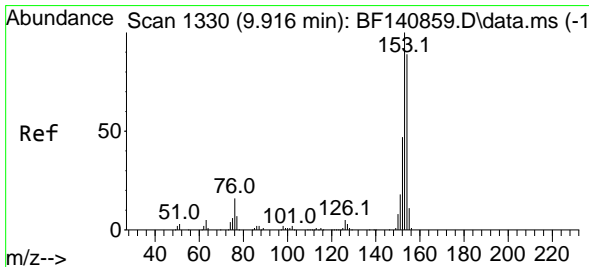
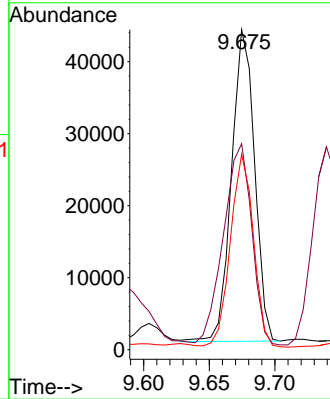
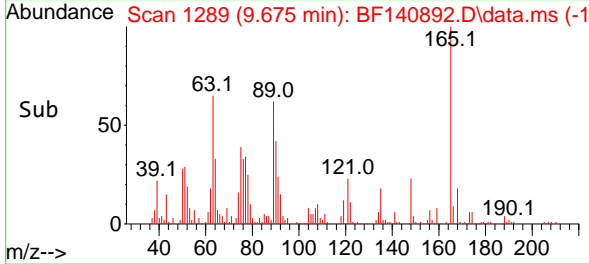


#51
 2,6-Dinitrotoluene
 Concen: 39.788 ng
 RT: 9.675 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

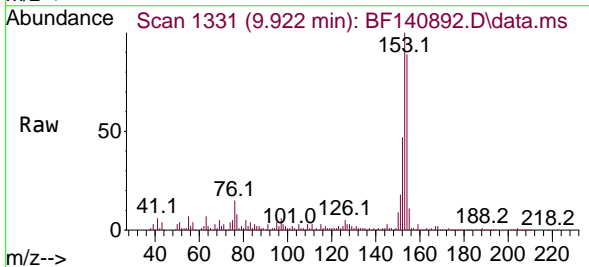
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



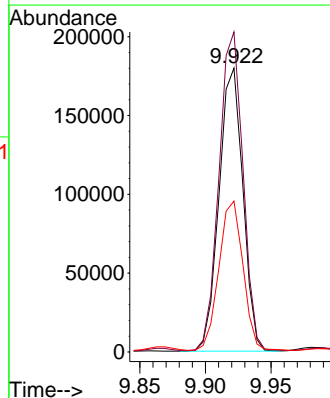
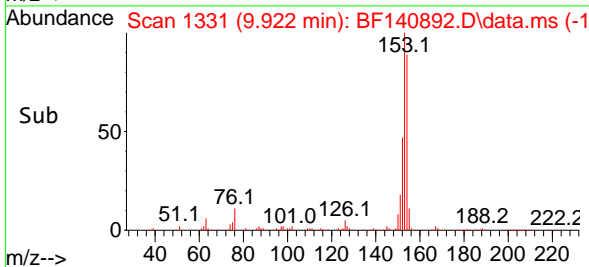
Tgt Ion:165 Resp: 52914
 Ion Ratio Lower Upper
 165 100
 63 64.4 49.7 74.5
 89 61.1 48.2 72.4

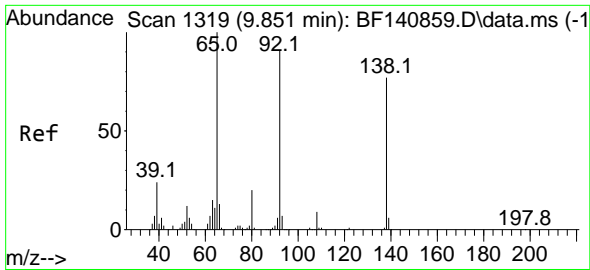


#52
 Acenaphthene
 Concen: 48.260 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion:154 Resp: 227400
 Ion Ratio Lower Upper
 154 100
 153 112.7 89.9 134.9
 152 53.2 42.6 63.8

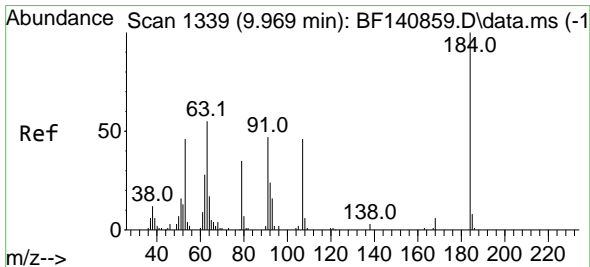
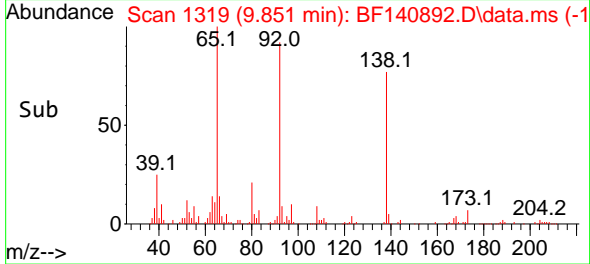
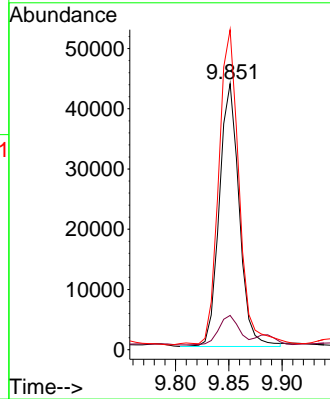
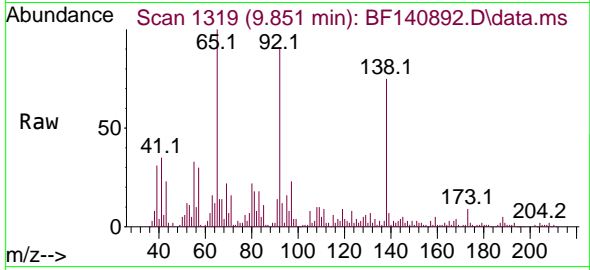




#53
 3-Nitroaniline
 Concen: 42.817 ng
 RT: 9.851 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

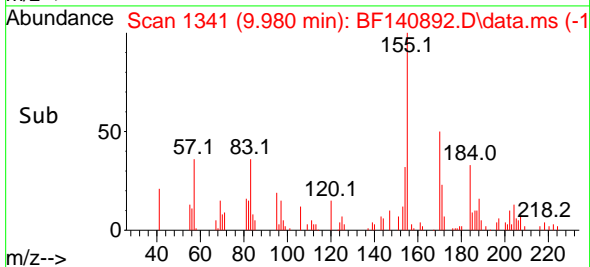
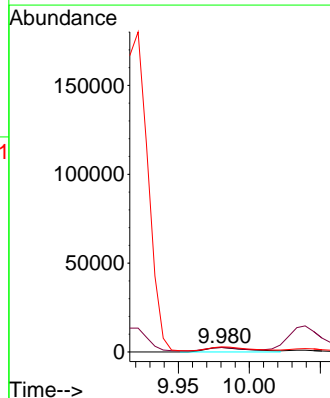
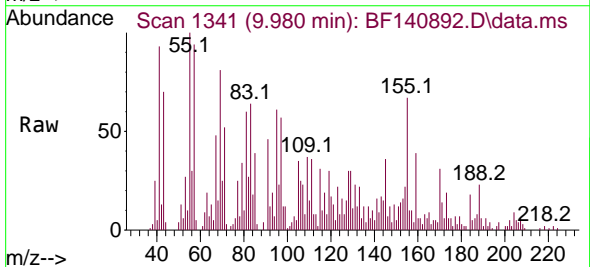
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

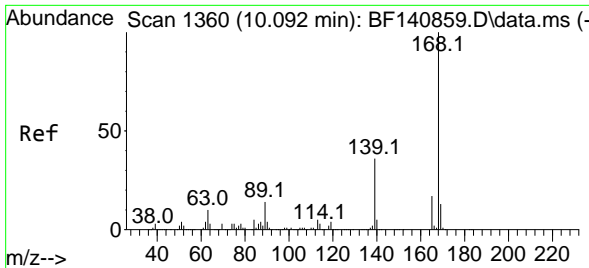
Tgt Ion:138 Resp: 56509
 Ion Ratio Lower Upper
 138 100
 108 12.9 9.0 13.4
 92 120.3 95.5 143.3



#54
 2,4-Dinitrophenol
 Concen: 13.982 ng
 RT: 9.980 min Scan# 1341
 Delta R.T. 0.011 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:184 Resp: 5258
 Ion Ratio Lower Upper
 184 100
 63 101.1 51.6 77.4#
 154 116.9 56.1 84.1#

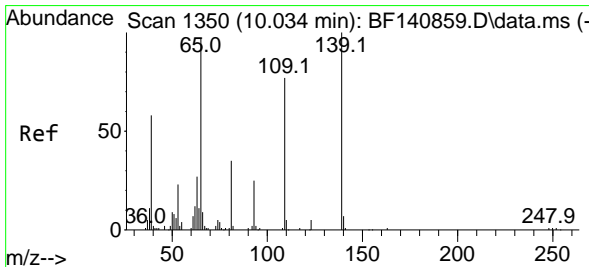
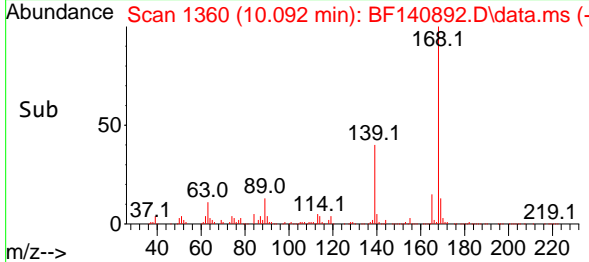
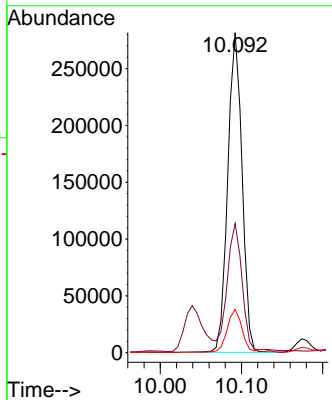
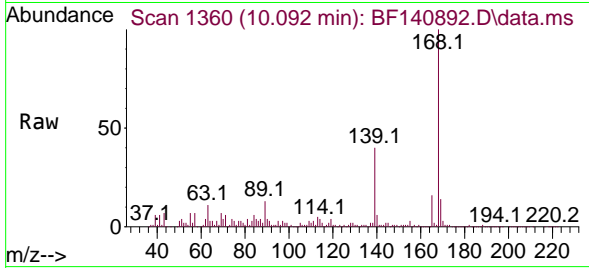




#55
 Dibenzenofuran
 Concen: 47.107 ng
 RT: 10.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

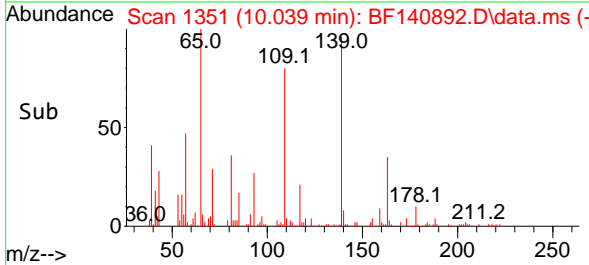
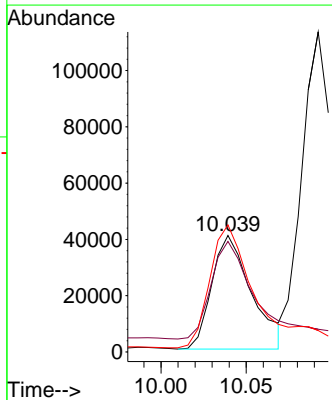
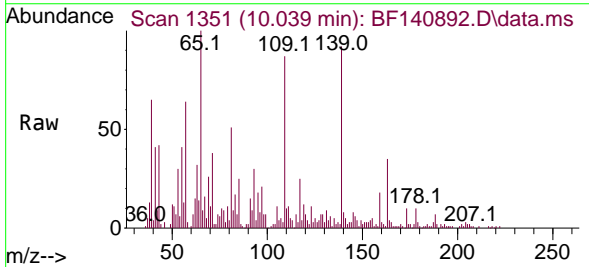
Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

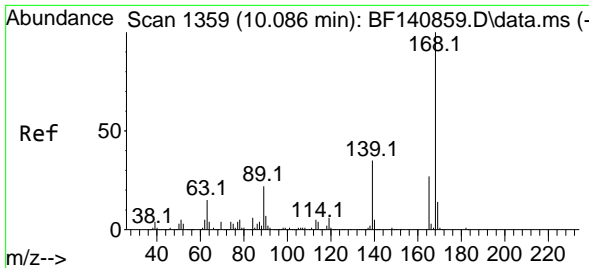
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 168 | 343949 | | |
| 139 | 40.4 | 31.1 | 46.7 |
| 169 | 13.5 | 10.6 | 16.0 |



#56
 4-Nitrophenol
 Concen: 91.641 ng
 RT: 10.039 min Scan# 1351
 Delta R.T. 0.005 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

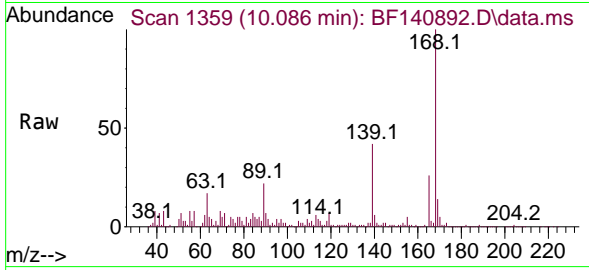
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 139 | 65543 | | |
| 139 | 100 | | |
| 109 | 94.8 | 56.7 | 96.7 |
| 65 | 109.0 | 78.1 | 118.1 |



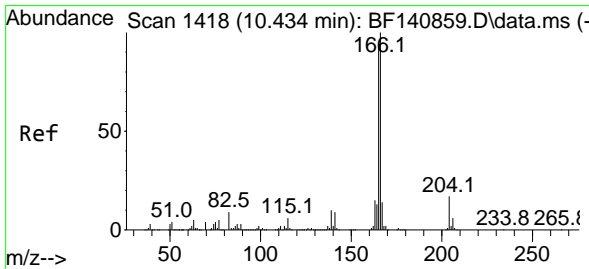
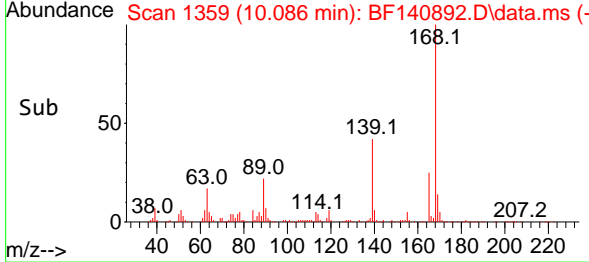
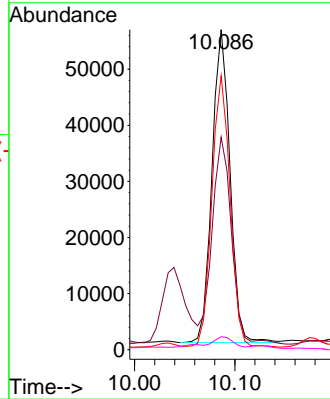


#57
 2,4-Dinitrotoluene
 Concen: 39.722 ng
 RT: 10.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

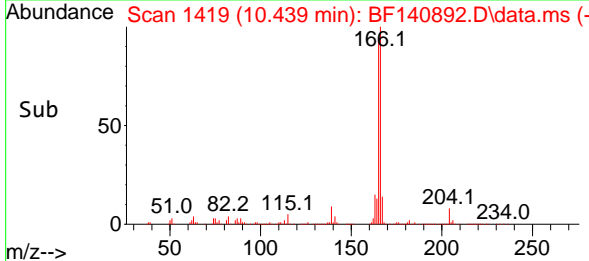
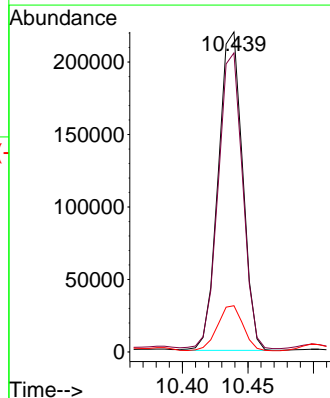
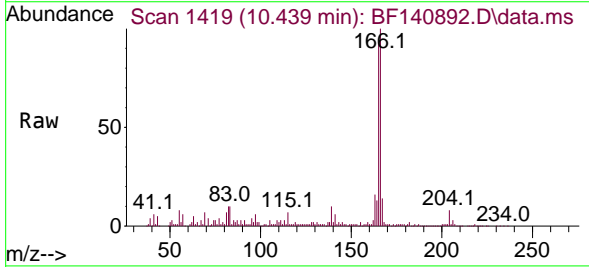


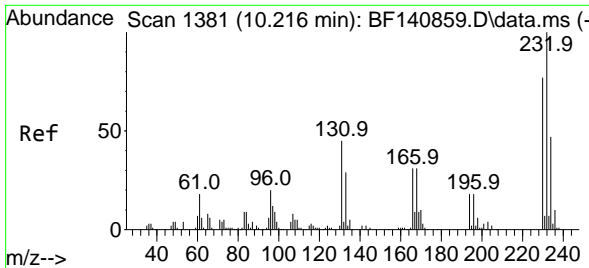
Tgt Ion:165 Resp: 69505
 Ion Ratio Lower Upper
 165 100
 63 66.4 49.3 73.9
 89 85.6 66.2 99.4
 182 4.1 2.1 3.1#



#58
 Fluorene
 Concen: 46.995 ng
 RT: 10.439 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:166 Resp: 283081
 Ion Ratio Lower Upper
 166 100
 165 93.4 75.1 112.7
 167 14.5 11.1 16.7

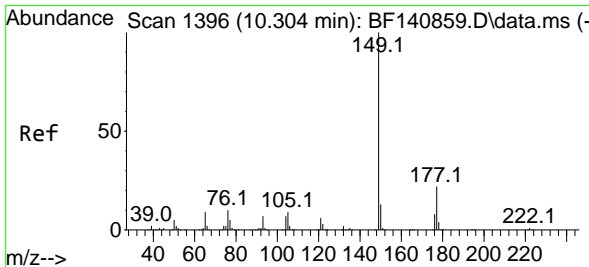
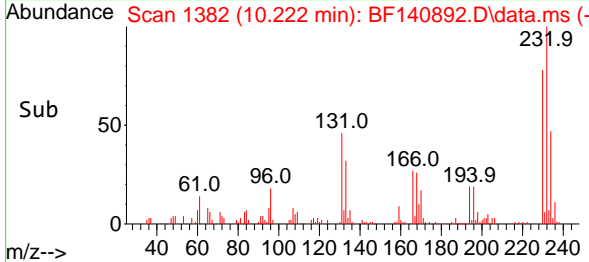
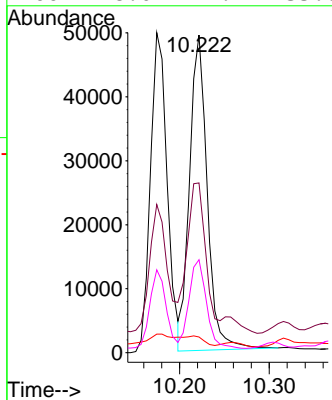
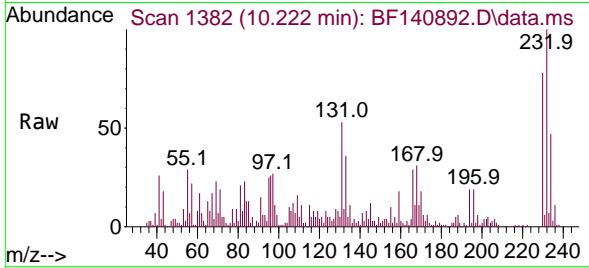




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.317 ng
 RT: 10.222 min Scan# 1382
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

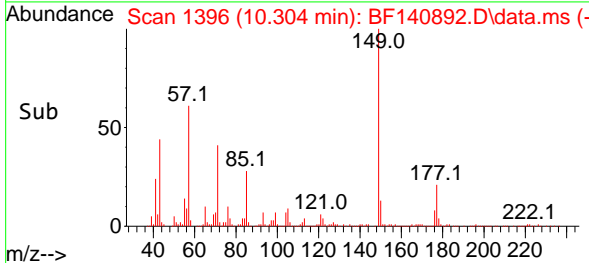
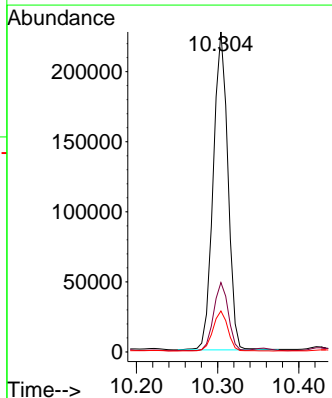
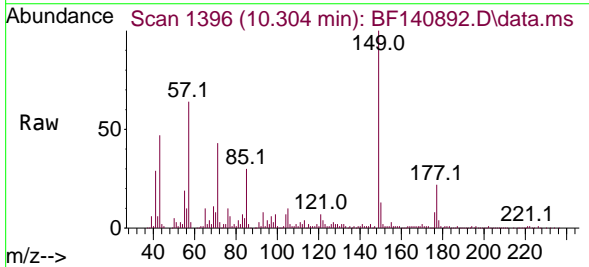
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

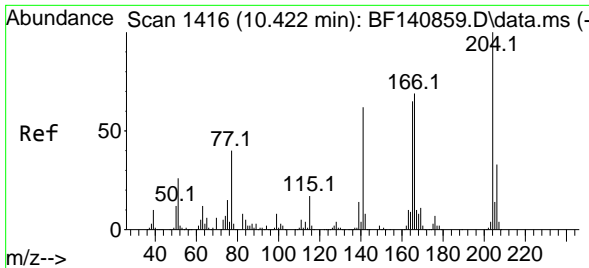
Tgt Ion:232 Resp: 67202
 Ion Ratio Lower Upper
 232 100
 131 42.7 35.1 52.7
 130 0.0 1.8 2.8#
 166 28.0 22.4 33.6



#60
 Diethylphthalate
 Concen: 47.219 ng
 RT: 10.304 min Scan# 1396
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

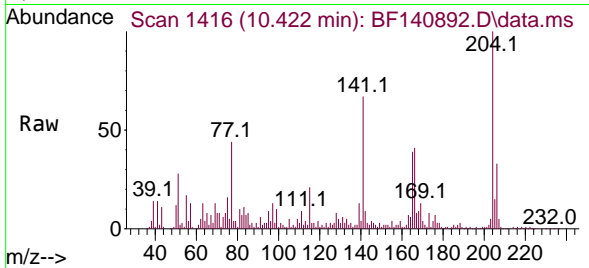
Tgt Ion:149 Resp: 284844
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.2 25.8
 150 12.8 10.1 15.1



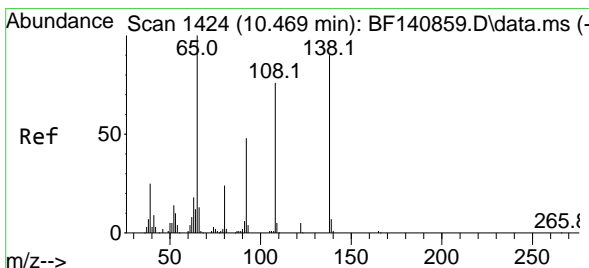
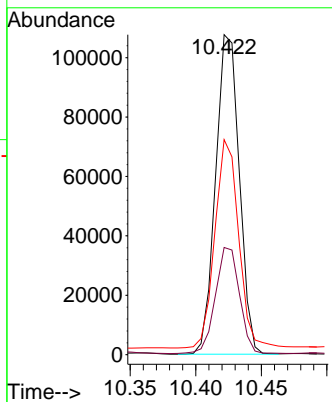
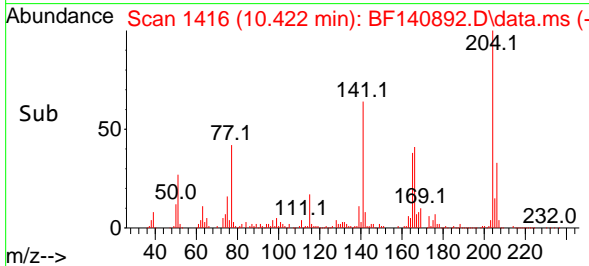


#61
 4-Chlorophenyl-phenylether
 Concen: 44.694 ng
 RT: 10.422 min Scan# 1416
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

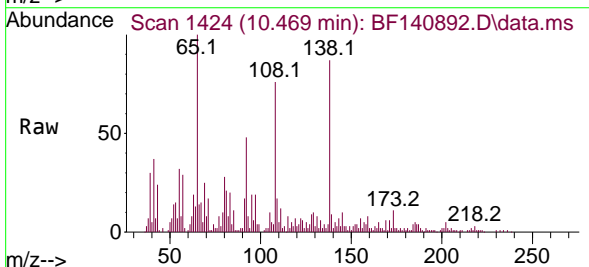
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



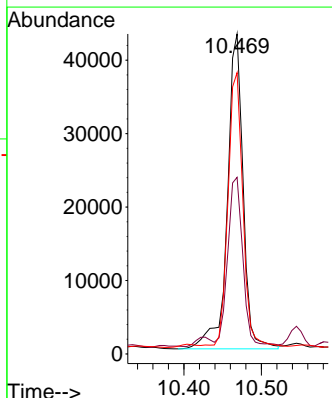
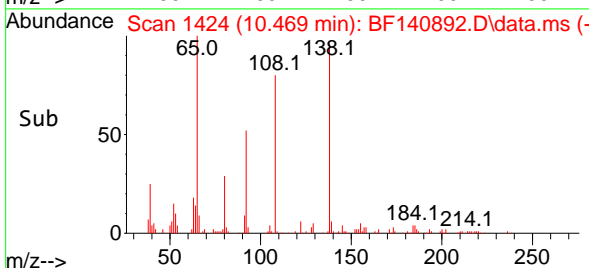
Tgt Ion:204 Resp: 135236
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.5 39.7
 141 67.2 50.0 75.0

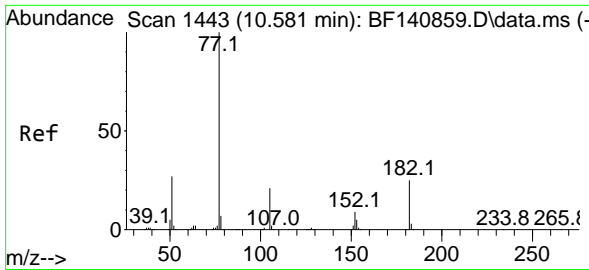


#62
 4-Nitroaniline
 Concen: 44.241 ng
 RT: 10.469 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



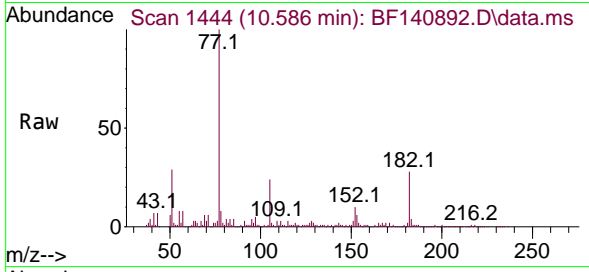
Tgt Ion:138 Resp: 61016
 Ion Ratio Lower Upper
 138 100
 92 55.2 32.6 72.6
 108 87.9 64.1 104.1



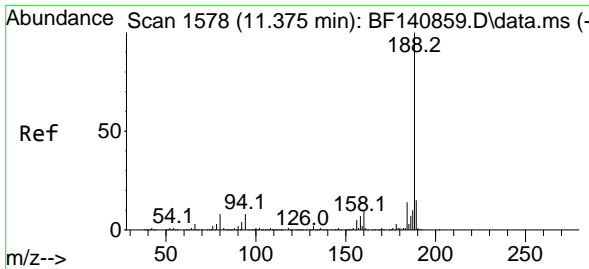
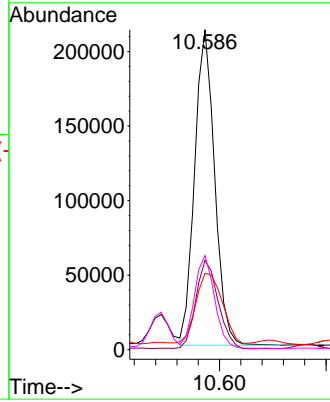
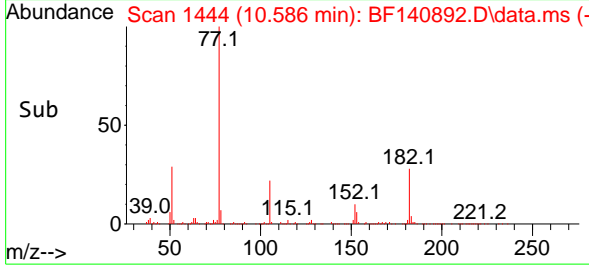


#63
 Azobenzene
 Concen: 48.651 ng
 RT: 10.586 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

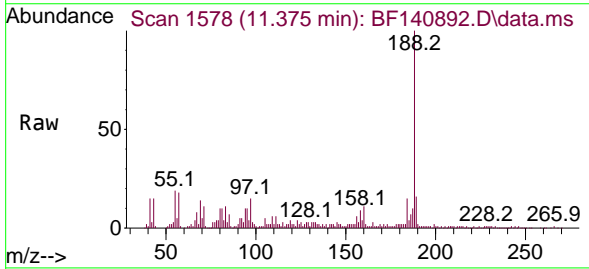
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



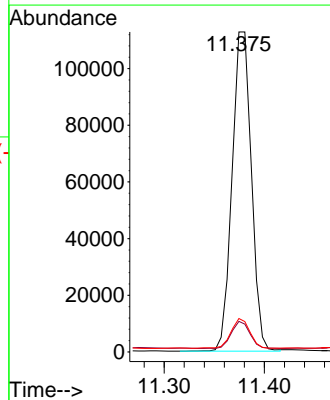
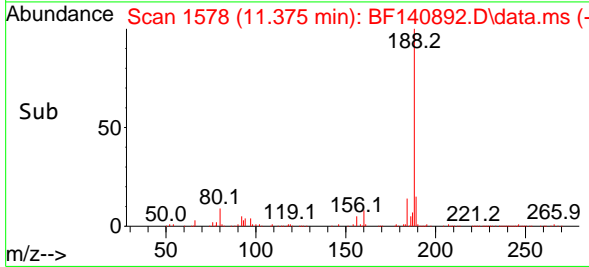
Tgt Ion: 77 Resp: 275909
 Ion Ratio Lower Upper
 77 100
 182 27.9 4.5 44.5
 105 23.9 0.9 40.9
 51 29.4 8.6 48.6

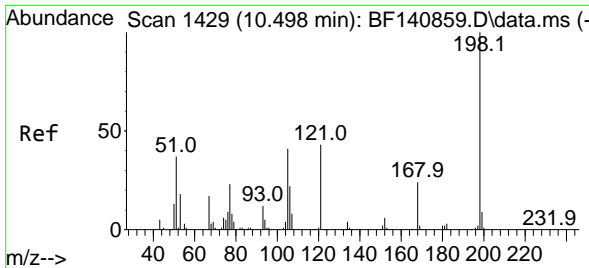


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.375 min Scan# 1578
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion: 188 Resp: 150674
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.4 9.6
 80 10.5 6.8 10.2#



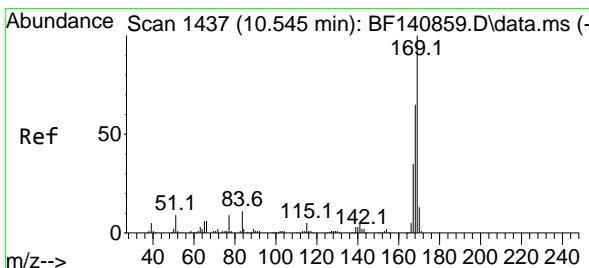
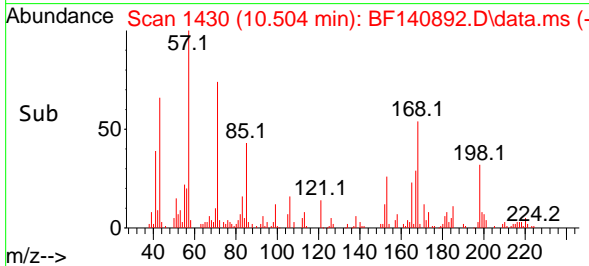
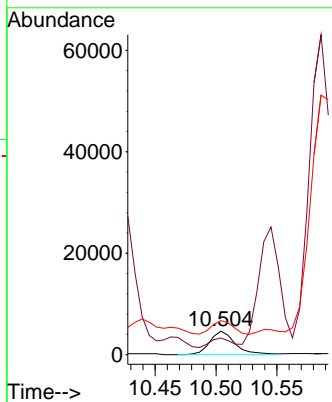
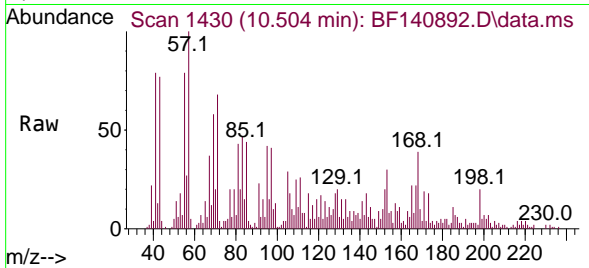


#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.882 ng
 RT: 10.504 min Scan# 1429
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:198 Resp: 6730

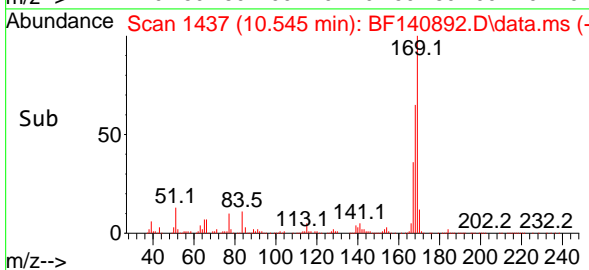
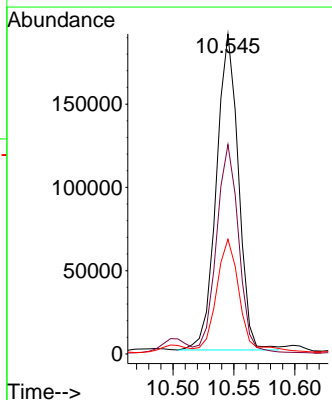
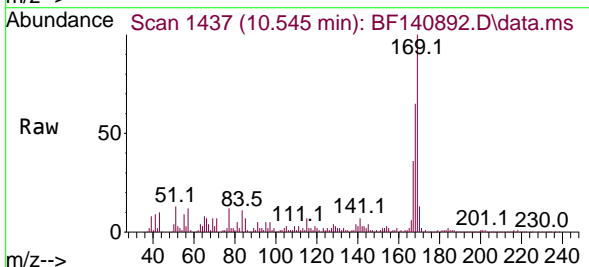
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100 | | |
| 51 | 70.8 | 24.4 | 64.4# |
| 105 | 144.5 | 22.1 | 62.1# |

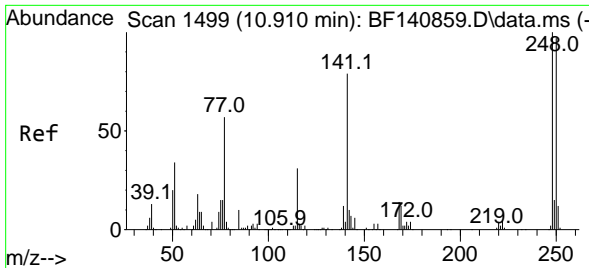


#66
 n-Nitrosodiphenylamine
 Concen: 51.729 ng
 RT: 10.545 min Scan# 1437
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:169 Resp: 239636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100 | | |
| 168 | 65.4 | 53.4 | 80.0 |
| 167 | 35.8 | 28.3 | 42.5 |

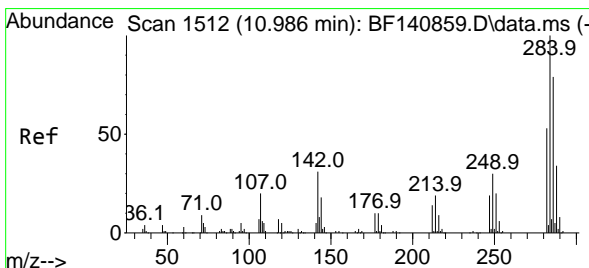
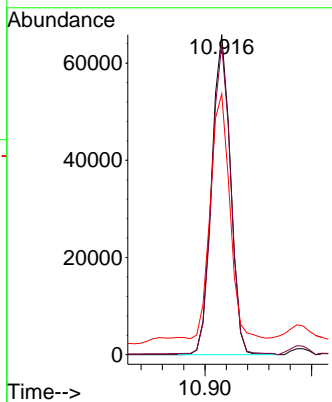
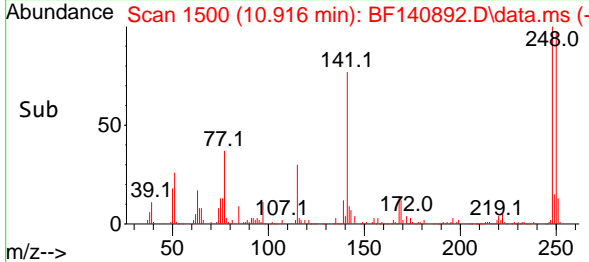
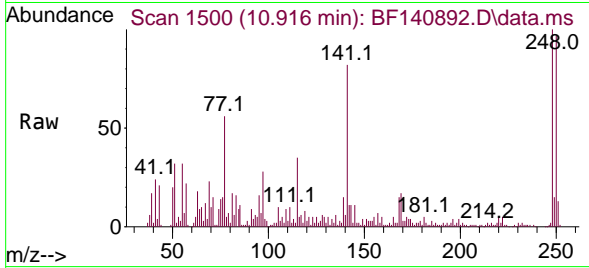




#67
 4-Bromophenyl-phenylether
 Concen: 47.745 ng
 RT: 10.916 min Scan# 1499
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

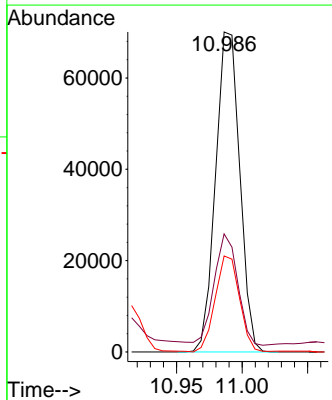
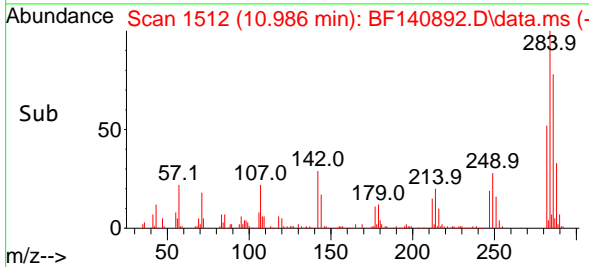
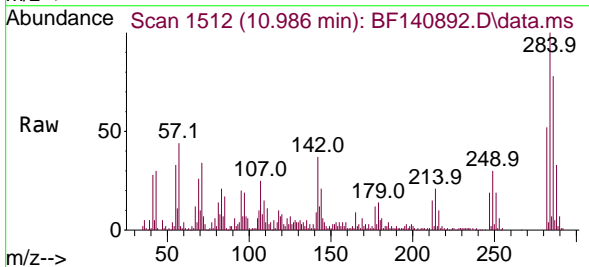
Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

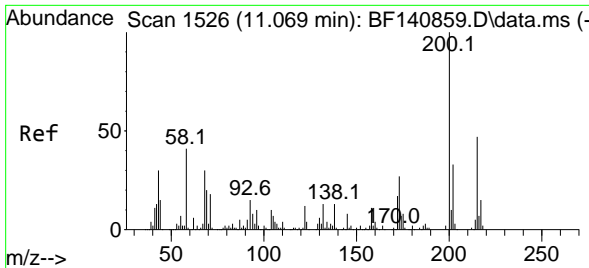
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 248 | 80480 | | |
| 250 | 96.9 | 77.4 | 116.2 |
| 141 | 81.5 | 62.9 | 94.3 |



#68
 Hexachlorobenzene
 Concen: 46.911 ng
 RT: 10.986 min Scan# 1512
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 284 | 89654 | | |
| 284 | 100 | | |
| 142 | 36.9 | 24.6 | 36.8# |
| 249 | 30.0 | 24.3 | 36.5 |



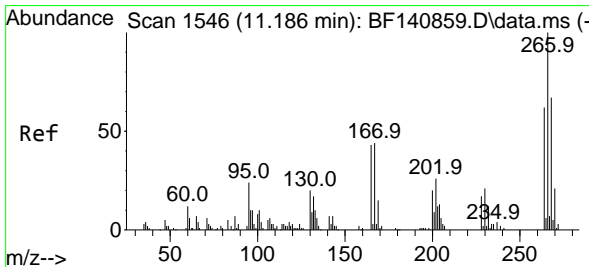
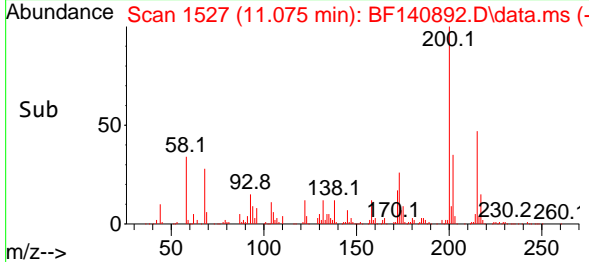
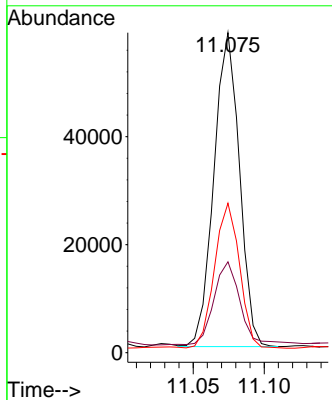
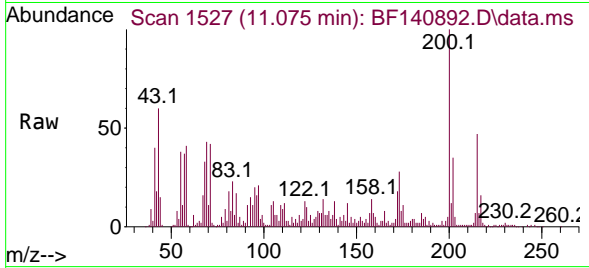


#69
 Atrazine
 Concen: 56.097 ng
 RT: 11.075 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:200 Resp: 72579

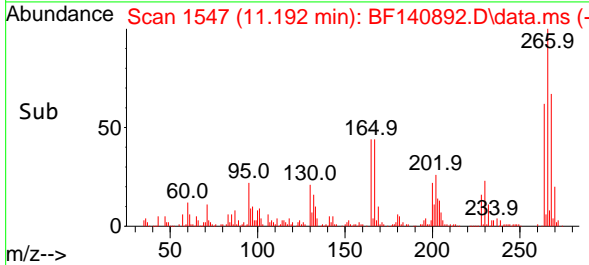
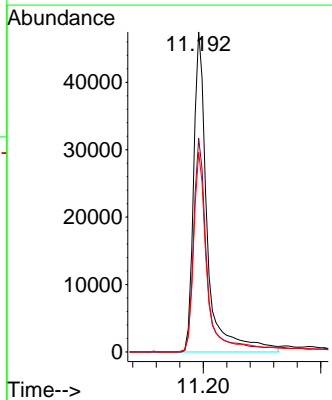
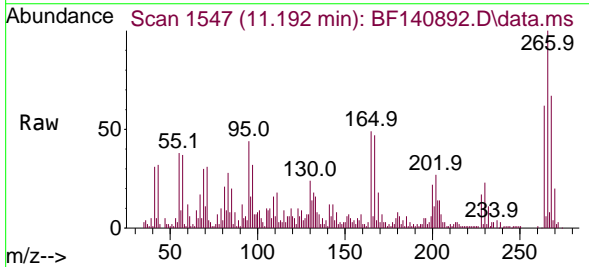
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100 | | |
| 173 | 28.4 | 6.6 | 46.6 |
| 215 | 46.7 | 26.7 | 66.7 |

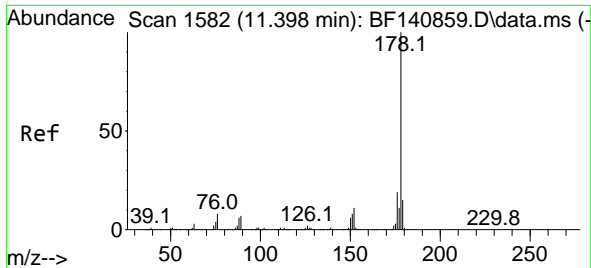


#70
 Pentachlorophenol
 Concen: 110.186 ng
 RT: 11.192 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:266 Resp: 76990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100 | | |
| 268 | 66.8 | 54.0 | 81.0 |
| 264 | 62.4 | 49.4 | 74.2 |



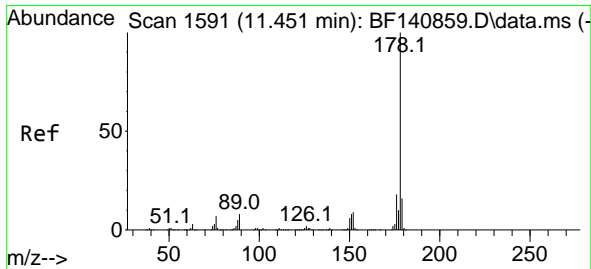
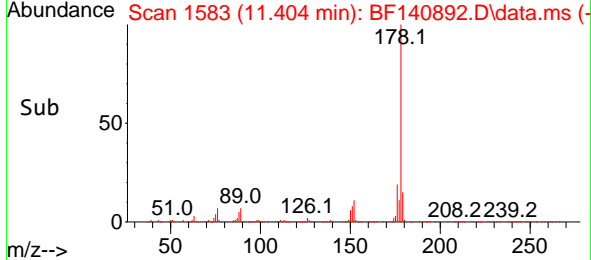
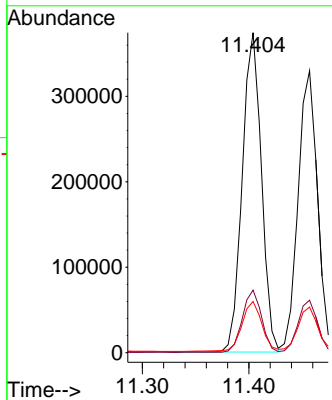
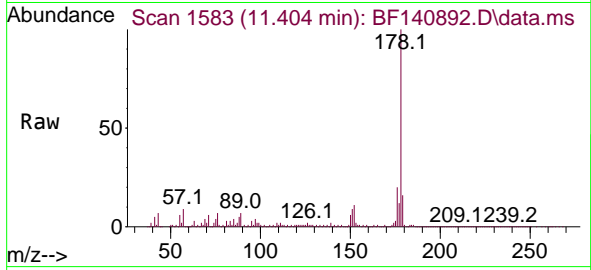


#71
 Phenanthrene
 Concen: 60.346 ng
 RT: 11.404 min Scan# 1583
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:178 Resp: 467579

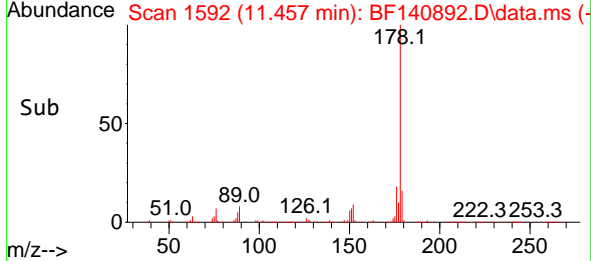
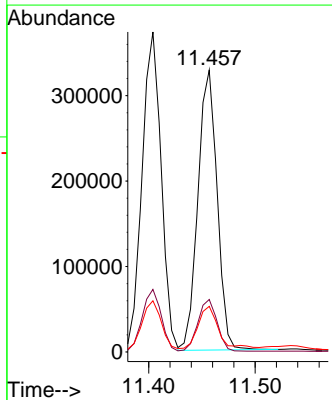
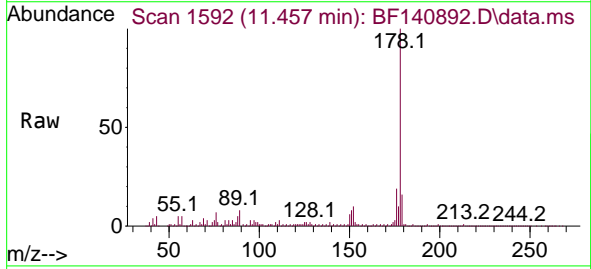
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 19.5 | 15.4 | 23.2 |
| 179 | 16.0 | 12.1 | 18.1 |

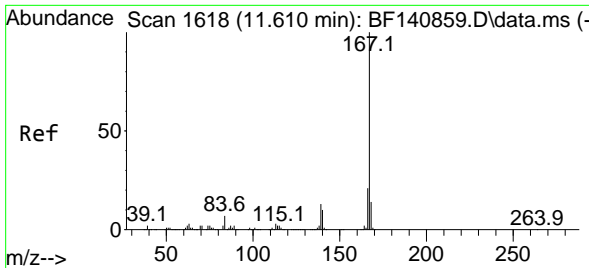


#72
 Anthracene
 Concen: 54.006 ng
 RT: 11.457 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:178 Resp: 412093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 18.6 | 14.6 | 22.0 |
| 179 | 16.2 | 12.6 | 18.8 |



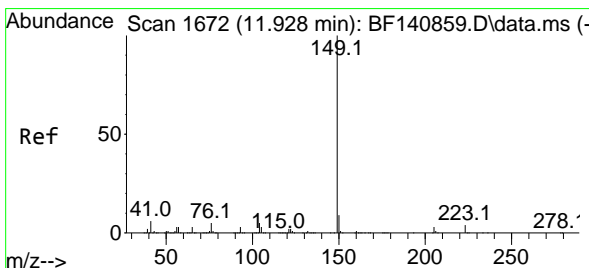
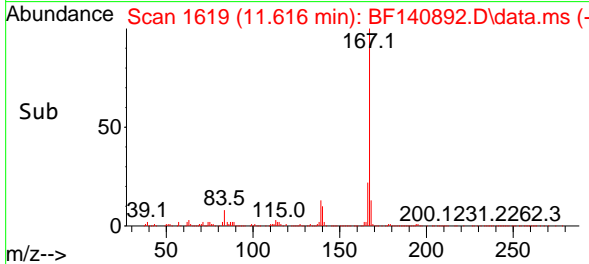
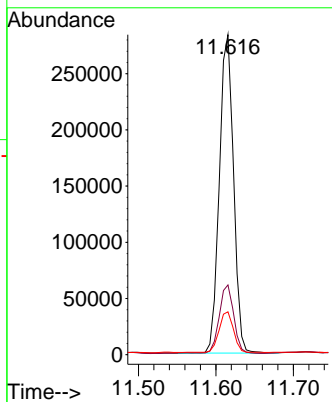
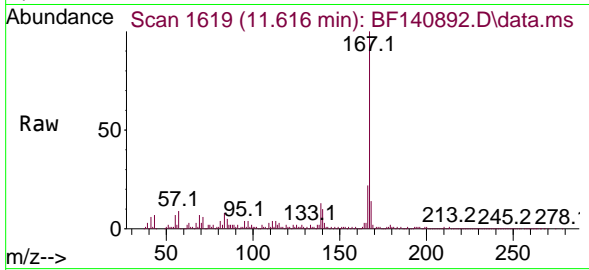


#73
 Carbazole
 Concen: 48.471 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:167 Resp: 362272

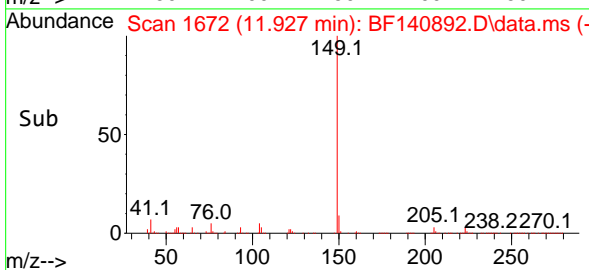
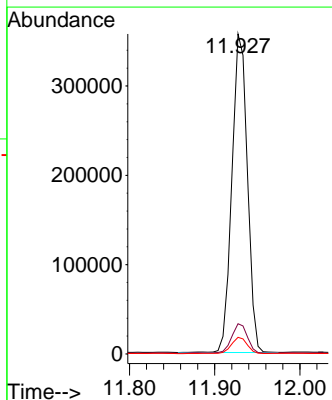
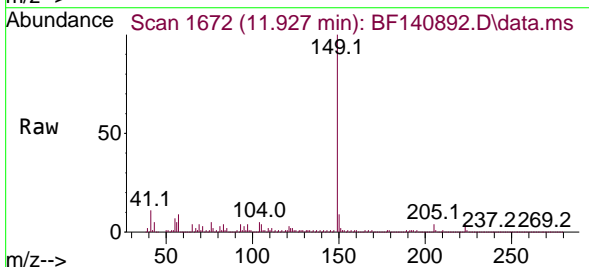
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100 | | |
| 166 | 21.8 | 17.0 | 25.6 |
| 139 | 13.4 | 10.2 | 15.2 |

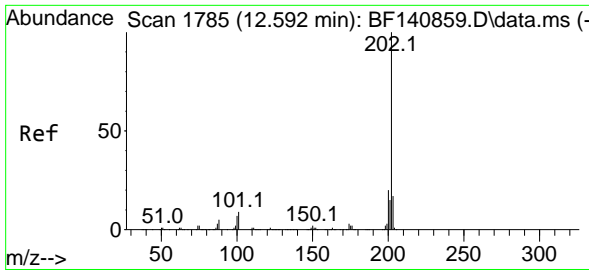


#74
 Di-n-butylphthalate
 Concen: 51.202 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:149 Resp: 449122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 150 | 9.5 | 7.5 | 11.3 |
| 104 | 5.2 | 3.8 | 5.8 |



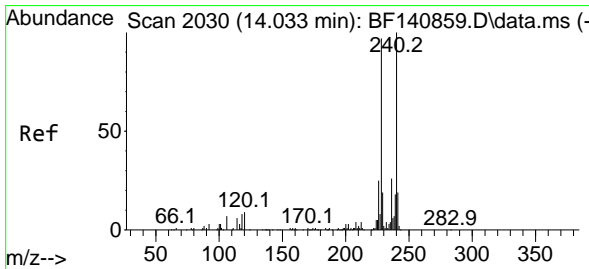
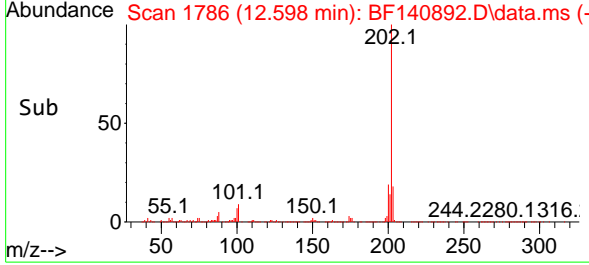
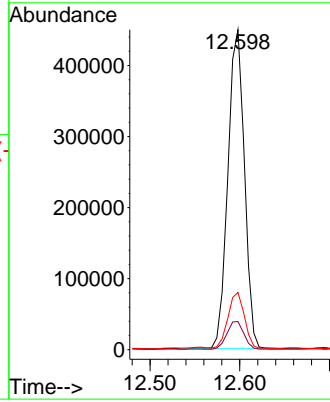
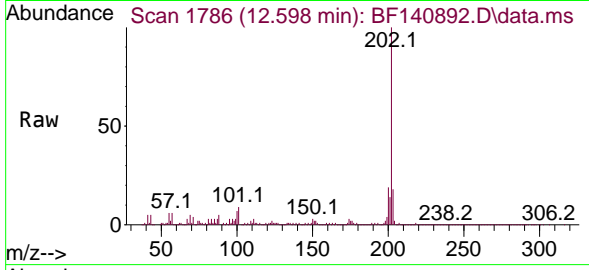


#75
 Fluoranthene
 Concen: 64.476 ng
 RT: 12.598 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:202 Resp: 575346

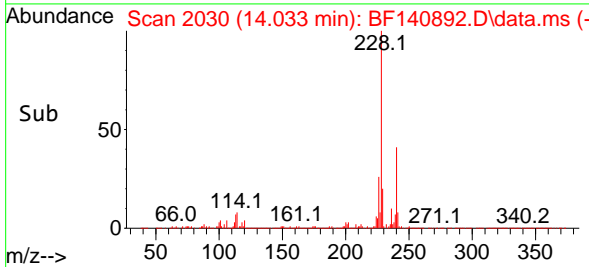
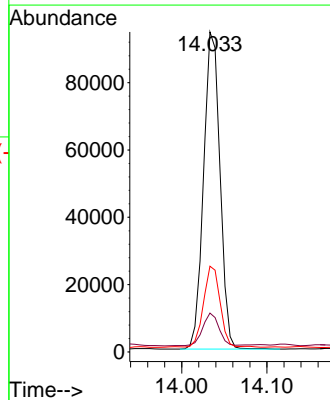
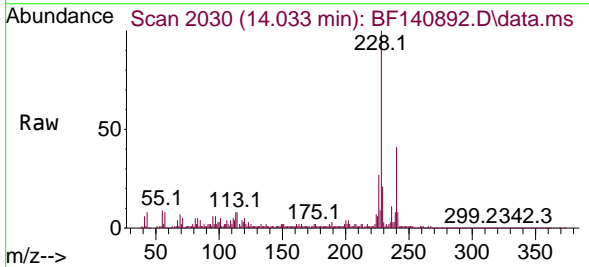
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100 | | |
| 101 | 8.8 | 0.0 | 29.3 |
| 203 | 17.9 | 0.0 | 37.4 |

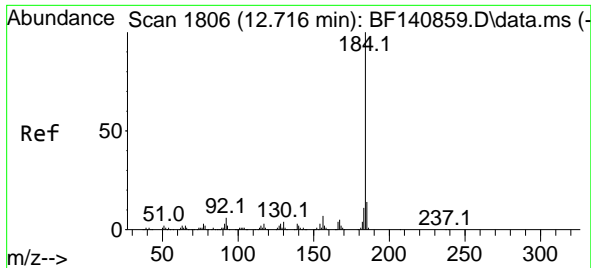


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:240 Resp: 126293

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100 | | |
| 120 | 12.1 | 7.6 | 11.4# |
| 236 | 26.8 | 20.5 | 30.7 |



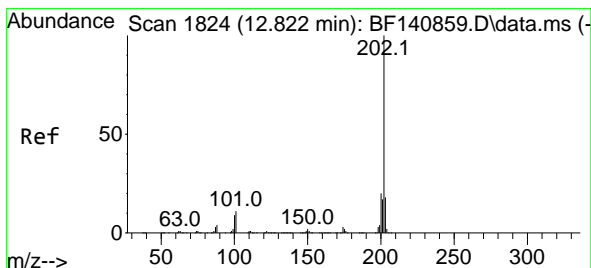
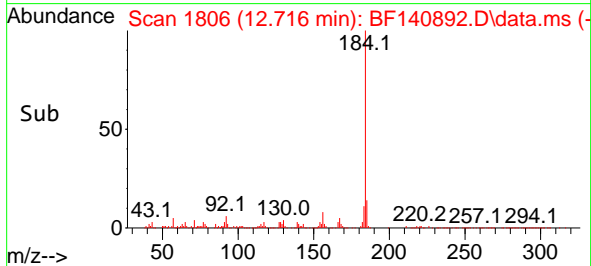
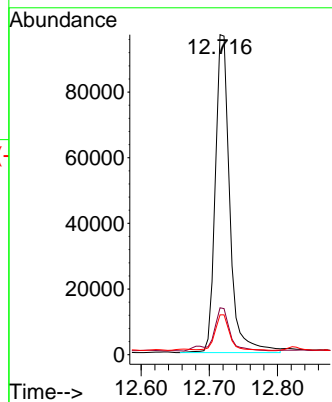
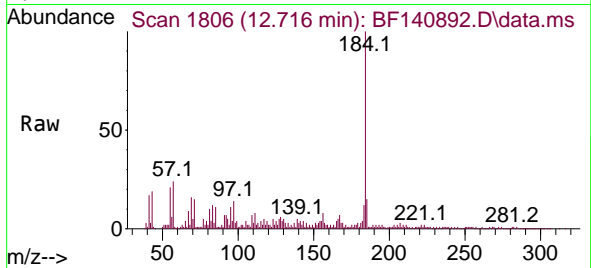


#77
Benzidine
Concen: 55.754 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

Tgt Ion:184 Resp: 143712

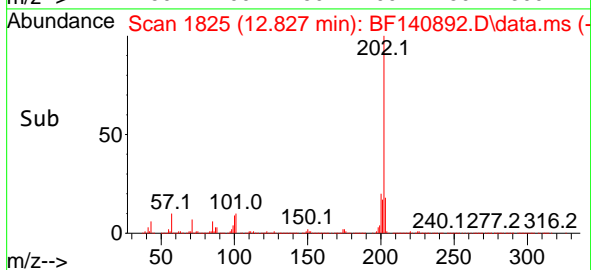
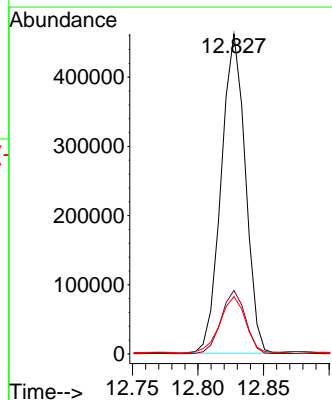
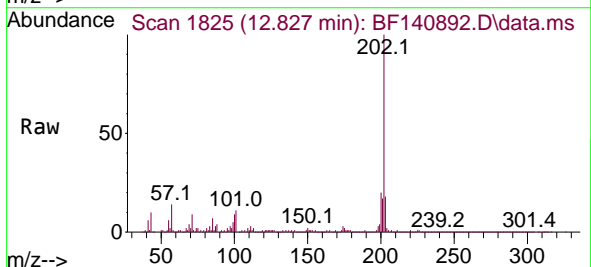
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100 | | |
| 185 | 14.7 | 11.1 | 16.7 |
| 183 | 12.4 | 9.0 | 13.4 |

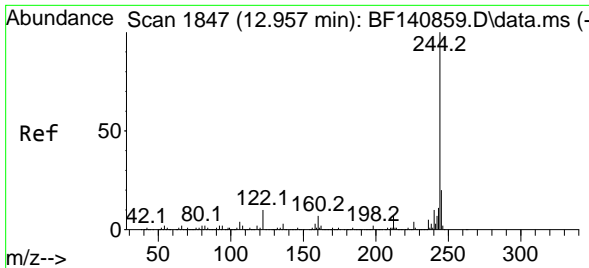


#78
Pyrene
Concen: 52.564 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:202 Resp: 590333

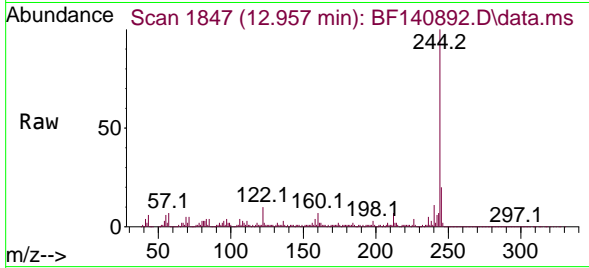
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100 | | |
| 200 | 19.9 | 16.1 | 24.1 |
| 203 | 18.0 | 14.2 | 21.4 |



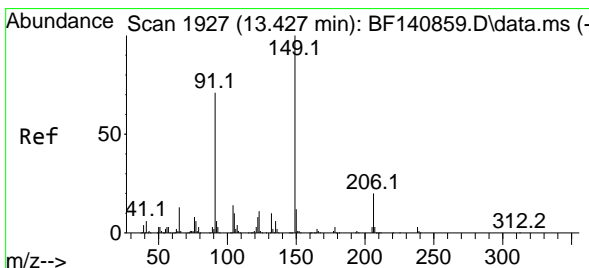
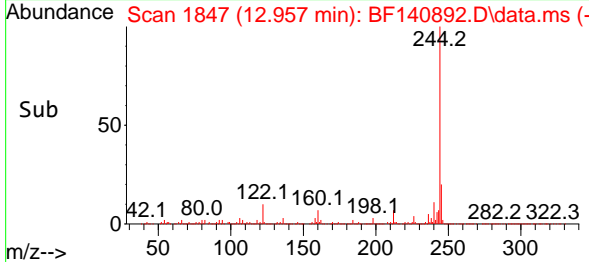
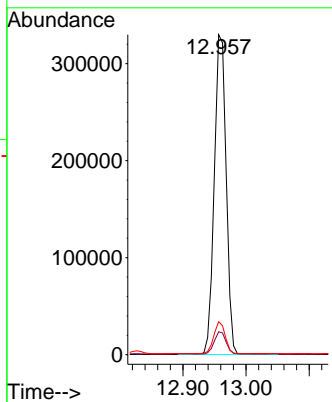


#79
 Terphenyl-d14
 Concen: 53.688 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

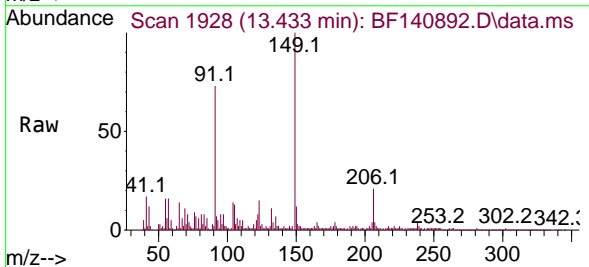
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS



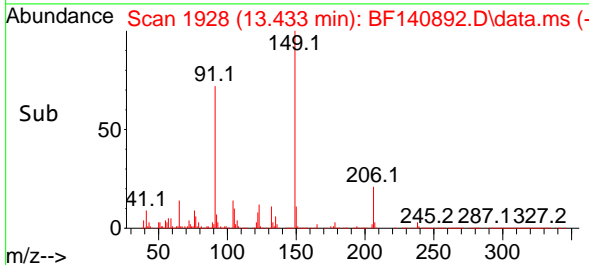
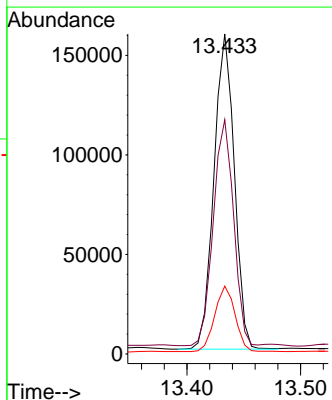
Tgt Ion:244 Resp: 429995
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.3 8.2 12.2

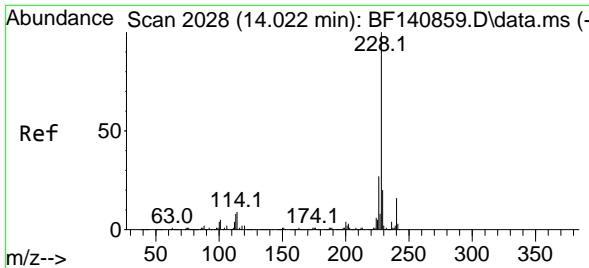


#80
 Butylbenzylphthalate
 Concen: 47.882 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15



Tgt Ion:149 Resp: 197867
 Ion Ratio Lower Upper
 149 100
 91 73.2 56.7 85.1
 206 21.2 16.4 24.6



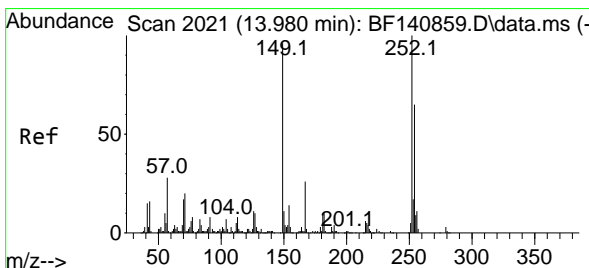
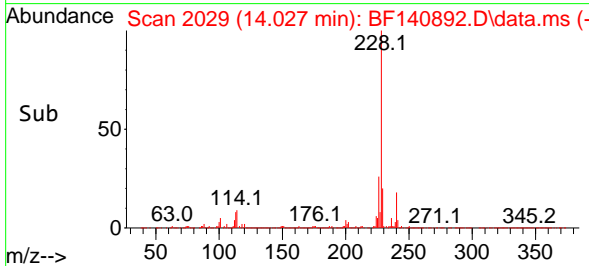
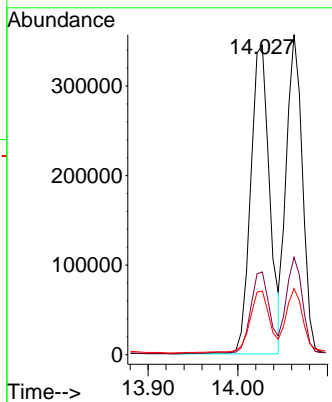
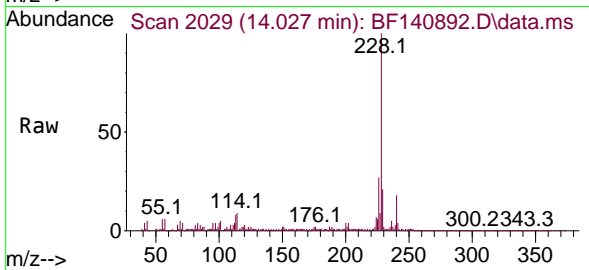


#81
 Benzo(a)anthracene
 Concen: 56.380 ng
 RT: 14.027 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:228 Resp: 504647

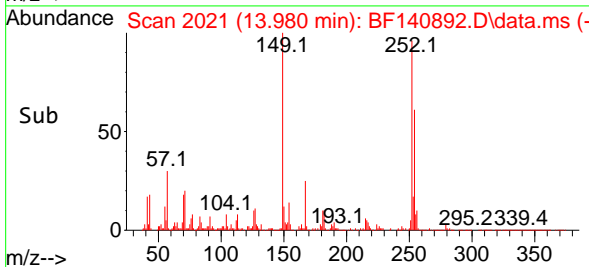
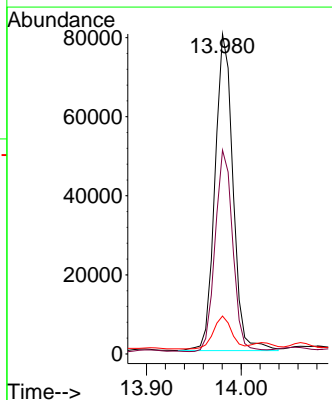
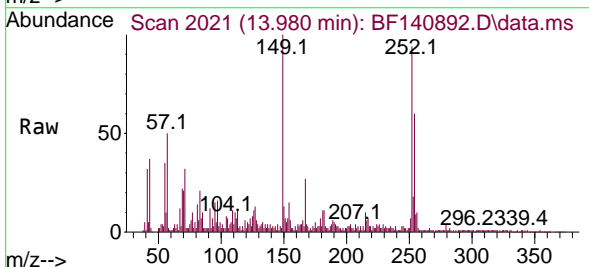
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 26.8 | 21.8 | 32.8 |
| 229 | 20.6 | 15.8 | 23.8 |

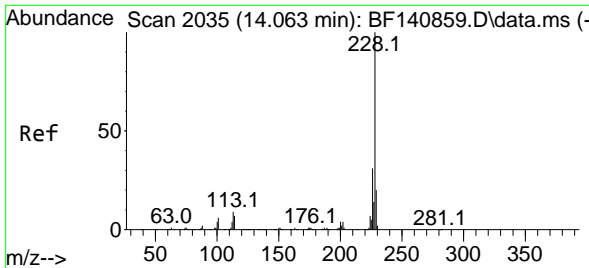


#82
 3,3'-Dichlorobenzidine
 Concen: 39.302 ng
 RT: 13.980 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:252 Resp: 106135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 254 | 63.7 | 52.3 | 78.5 |
| 126 | 11.8 | 8.4 | 12.6 |



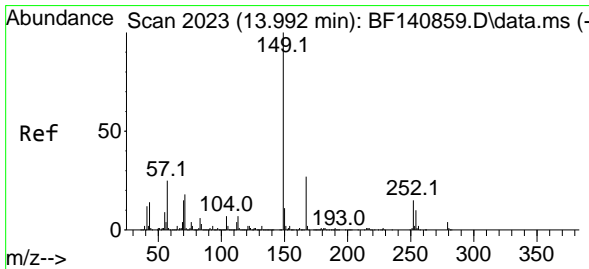
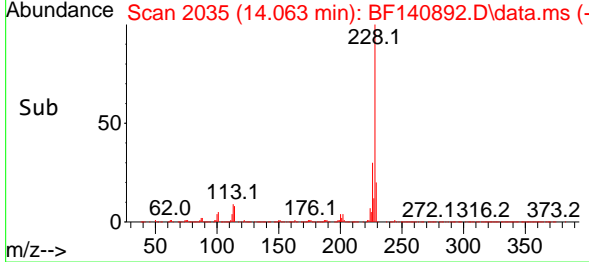
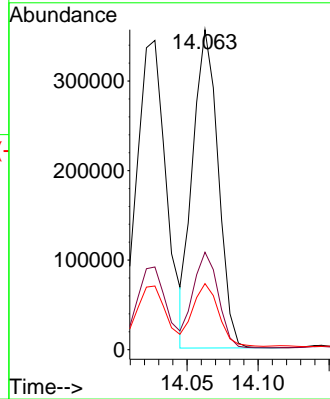
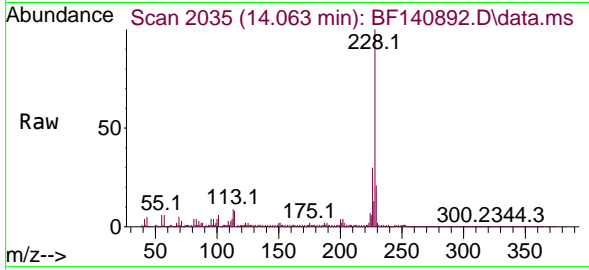


#83
 Chrysene
 Concen: 54.143 ng
 RT: 14.063 min Scan# 2035
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

Tgt Ion:228 Resp: 440685

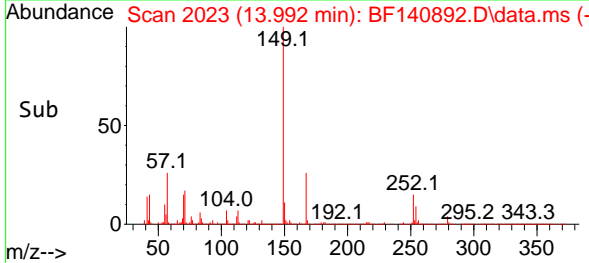
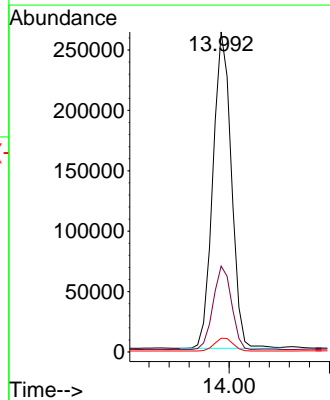
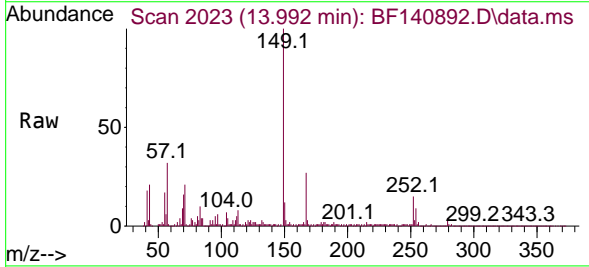
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 30.5 | 24.1 | 36.1 |
| 229 | 20.6 | 16.0 | 24.0 |

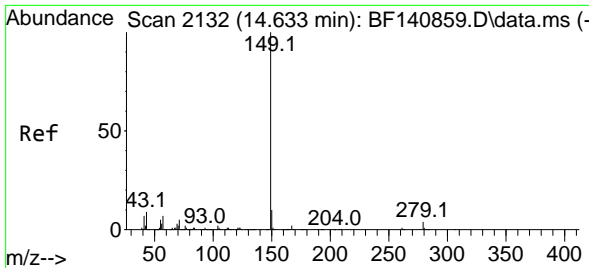


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.808 ng
 RT: 13.992 min Scan# 2023
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:149 Resp: 334663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 167 | 26.8 | 21.8 | 32.8 |
| 279 | 4.3 | 3.5 | 5.3 |

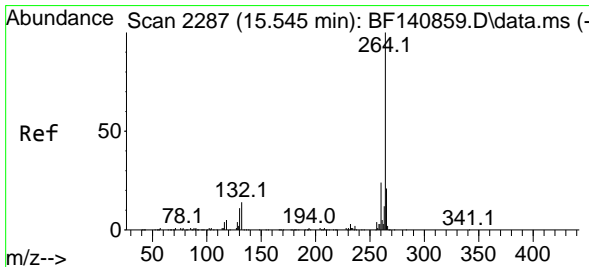
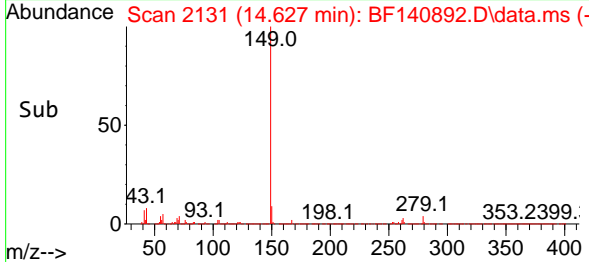
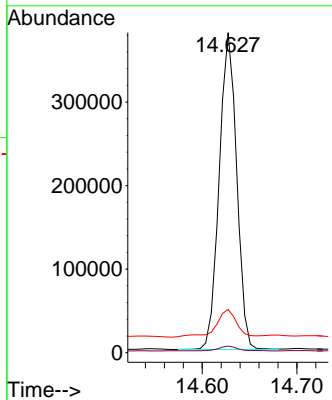
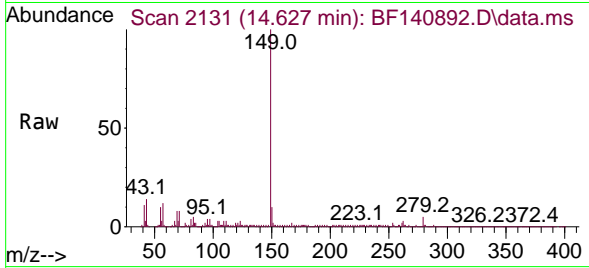




#85
 Di-n-octyl phthalate
 Concen: 60.348 ng
 RT: 14.627 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

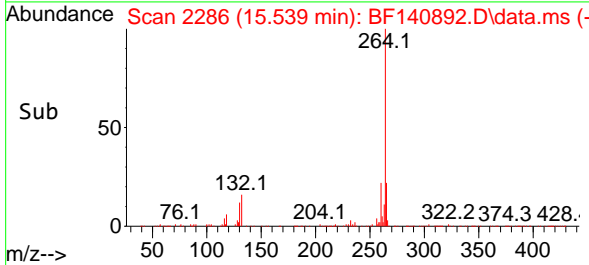
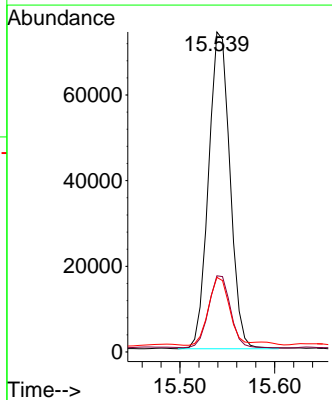
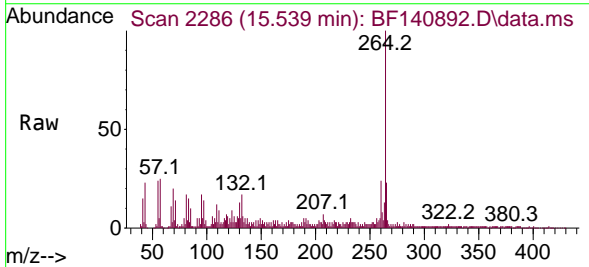
Instrument : BNA_F
 ClientSampleId : HR-04-121624MS

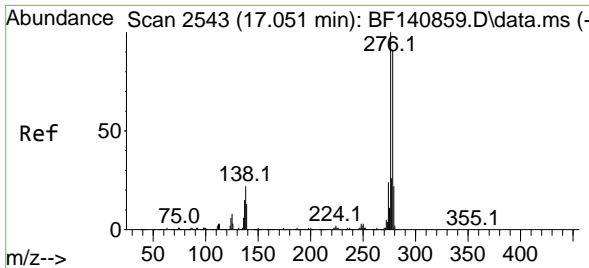
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 149 | 486481 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 10.2 | 7.0 | 10.6 |



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 264 | 116114 | | |
| 260 | 23.8 | 19.1 | 28.7 |
| 265 | 23.3 | 17.0 | 25.4 |



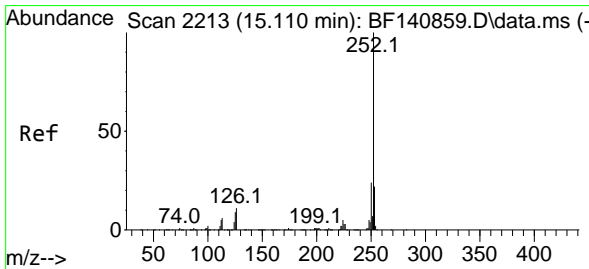
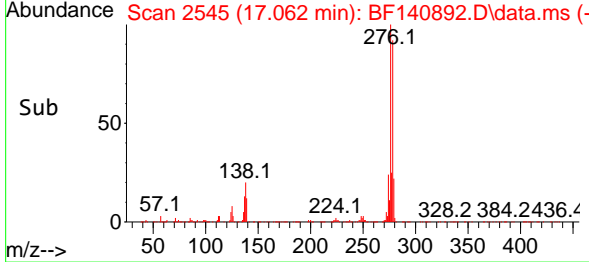
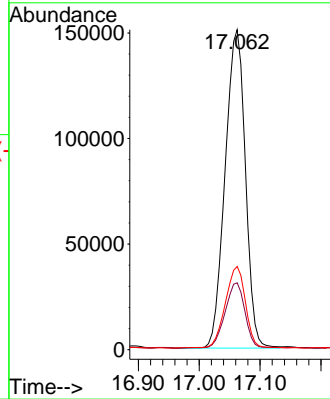
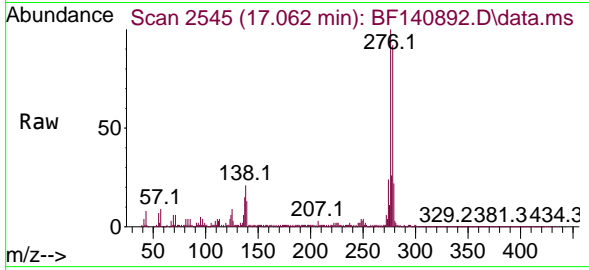


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.243 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:276 Resp: 349569

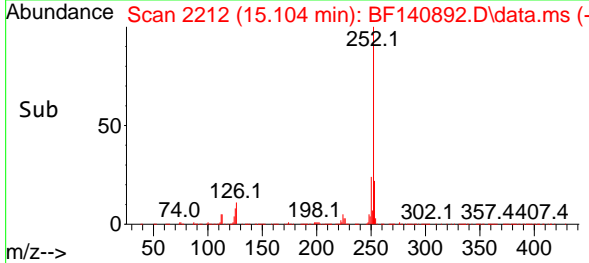
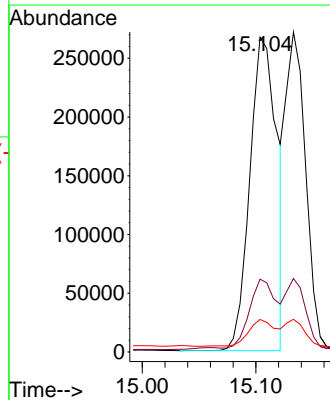
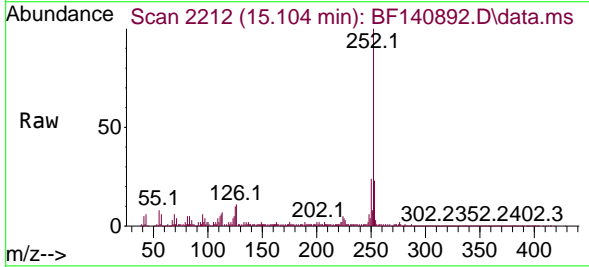
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100 | | |
| 138 | 20.5 | 16.9 | 25.3 |
| 277 | 25.4 | 20.2 | 30.4 |

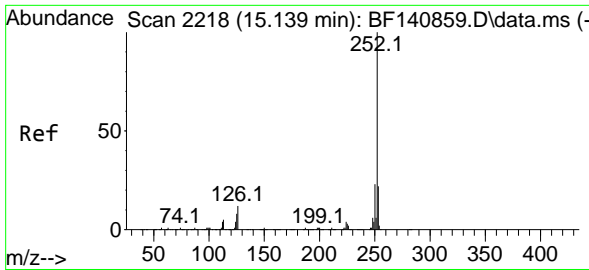


#88
 Benzo(b)fluoranthene
 Concen: 54.986 ng
 RT: 15.104 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:252 Resp: 443191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 253 | 23.1 | 17.8 | 26.6 |
| 125 | 10.3 | 7.0 | 10.4 |

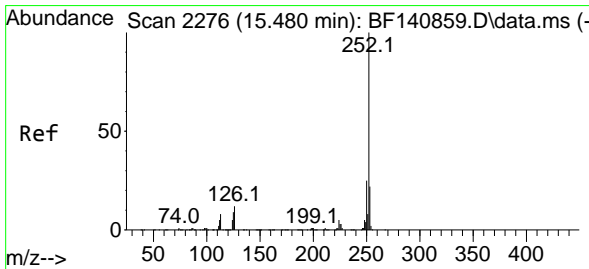
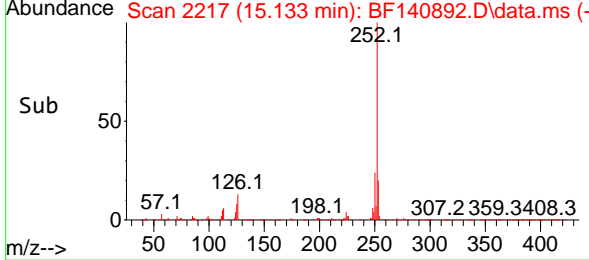
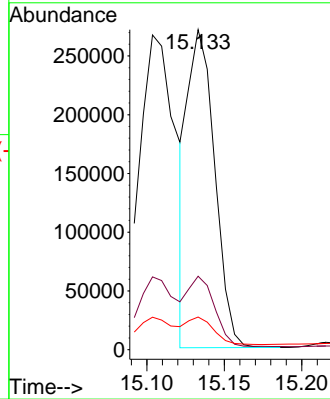
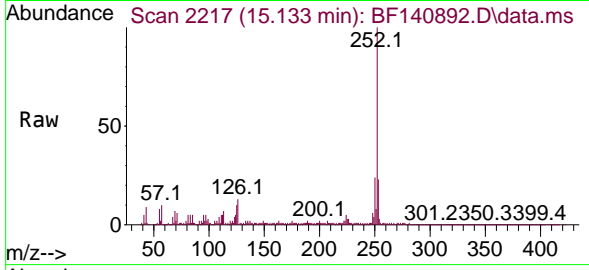




#89
 Benzo(k)fluoranthene
 Concen: 47.644 ng
 RT: 15.133 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

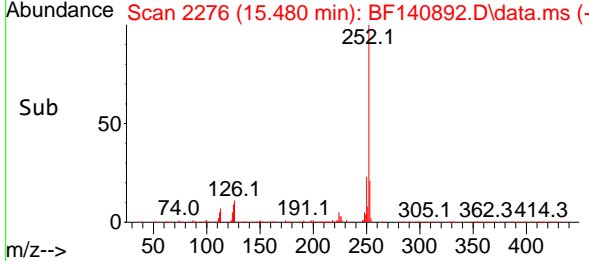
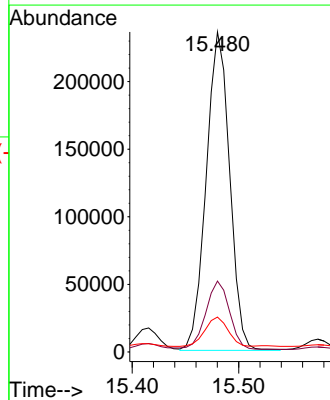
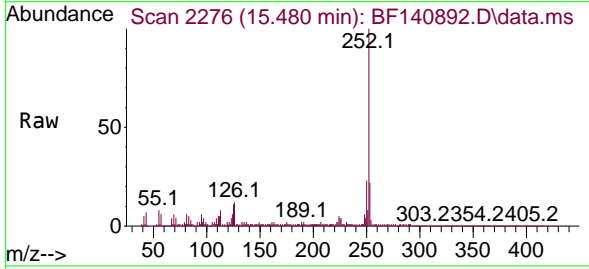
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

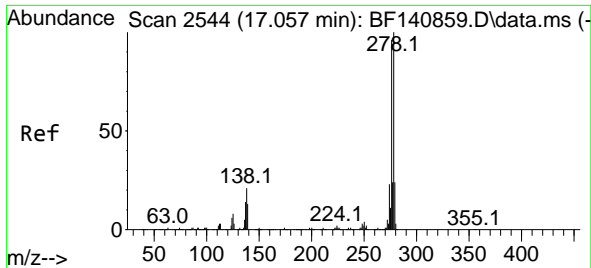
Tgt Ion:252 Resp: 329403
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.5 26.3
 125 10.2 6.8 10.2#



#90
 Benzo(a)pyrene
 Concen: 57.029 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:252 Resp: 359923
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.9 7.5 11.3

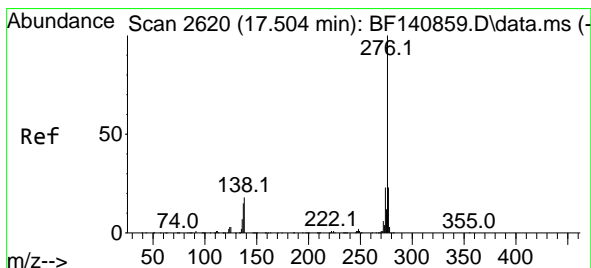
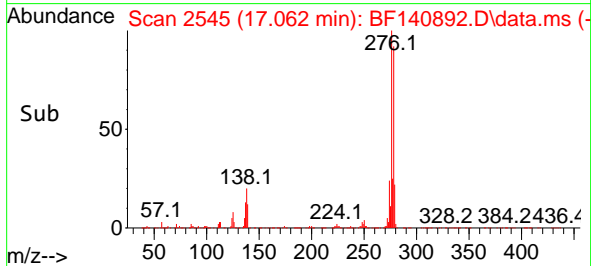
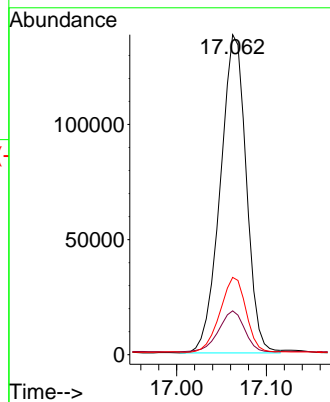
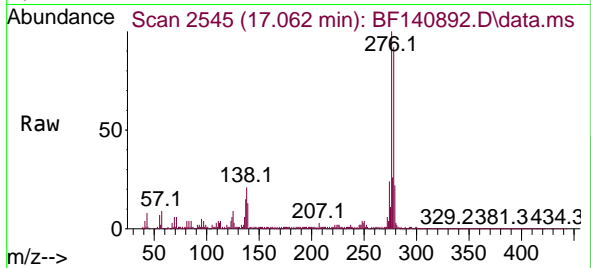




#91
 Dibenzo(a,h)anthracene
 Concen: 46.291 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Tgt Ion:278 Resp: 277880
 Ion Ratio Lower Upper
 278 100
 139 13.7 10.6 16.0
 279 24.2 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 42.910 ng
 RT: 17.515 min Scan# 2622
 Delta R.T. 0.012 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:276 Resp: 262163
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.7 28.1
 138 17.1 14.2 21.2

