

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143735.D
 Acq On : 12 Sep 2025 16:11
 Operator : RC/JU
 Sample : Q3082-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Quant Time: Sep 12 16:32:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 34051 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 118248 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.934 | 164 | 59761 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.422 | 188 | 88100 | 20.000 | ng | 0.01 |
| 76) Chrysene-d12 | 14.069 | 240 | 81490 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 15.551 | 264 | 82113 | 20.000 | ng | 0.04 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 174856 | 87.612 | ng | 0.02 |
| 7) Phenol-d6 | 6.516 | 99 | 217787 | 89.622 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.457 | 82 | 132509 | 69.702 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 51913 | 86.197 | ng | 0.01 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 253926 | 64.186 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.004 | 244 | 222041 | 44.155 | ng | 0.01 |
| Target Compounds | | | | | | |
| 2) 1,4-Dioxane | 2.740 | 88 | 36591 | 41.101 | ng | 97 |
| 3) Pyridine | 3.499 | 79 | 89305 | 38.833 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.452 | 42 | 40326 | 46.162 | ng | 99 |
| 6) Aniline | 6.557 | 93 | 95964 | 29.816 | ng | 96 |
| 8) 2-Chlorophenol | 6.681 | 128 | 94799 | 43.980 | ng | 95 |
| 9) Benzaldehyde | 6.446 | 77 | 61668 | 31.453 | ng | 99 |
| 10) Phenol | 6.534 | 94 | 119080 | 44.330 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 88742 | 44.234 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.840 | 146 | 107689 | 43.684 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 111227 | 44.701 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 105285 | 44.808 | ng | 99 |
| 15) Benzyl Alcohol | 7.034 | 79 | 78661 | 44.500 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169 | 45 | 102330 | 38.987 | ng | 96 |
| 17) 2-Methylphenol | 7.140 | 107 | 74803 | 43.140 | ng | 99 |
| 18) Hexachloroethane | 7.410 | 117 | 34282 | 42.651 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 64513 | 43.226 | ng | 98 |
| 20) 3+4-Methylphenols | 7.293 | 107 | 98715 | 43.232 | ng | 91 |
| 22) Acetophenone | 7.304 | 105 | 142789 | 53.466 | ng | 98 |
| 24) Nitrobenzene | 7.475 | 77 | 93820 | 47.595 | ng | 97 |
| 25) Isophorone | 7.716 | 82 | 166086 | 45.561 | ng | 98 |
| 26) 2-Nitrophenol | 7.792 | 139 | 48248 | 49.782 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 86173 | 49.528 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 104485 | 46.640 | ng | 98 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 78577 | 44.896 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.116 | 180 | 85937 | 47.395 | ng | 99 |
| 31) Naphthalene | 8.198 | 128 | 268081 | 45.797 | ng | 99 |
| 32) Benzoic acid | 7.928 | 122 | 55493 | 52.278 | ng | 97 |
| 33) 4-Chloroaniline | 8.245 | 127 | 37710 | 18.505 | ng | 99 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 53949 | 45.616 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 21506 | 46.168 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 73059 | 42.336 | ng | 94 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 161109 | 40.206 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 163235 | 42.448 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 91103 | 53.250 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.045 | 237 | 74537 | 84.860 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 52641 | 46.078 | ng | 100 |

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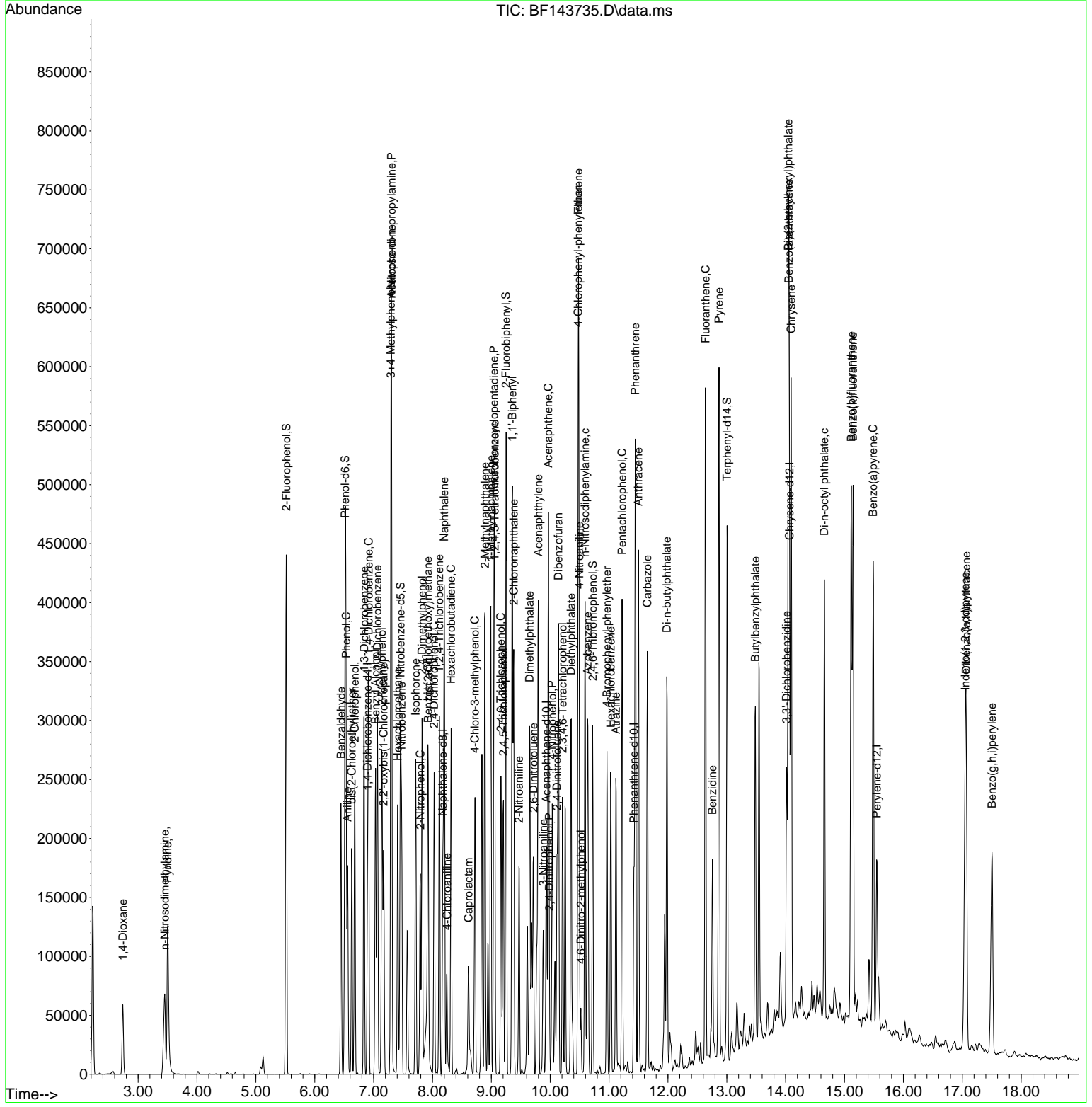
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 54979 | 47.339 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 232703 | 54.088 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.381 | 162 | 159102 | 47.172 | ng | 98 |
| 48) 2-Nitroaniline | 9.469 | 65 | 43595 | 48.842 | ng | 99 |
| 49) Acenaphthylene | 9.798 | 152 | 261125 | 54.048 | ng | 99 |
| 50) Dimethylphthalate | 9.651 | 163 | 187436 | 48.206 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 38844 | 52.250 | ng | 92 |
| 52) Acenaphthene | 9.969 | 154 | 154721 | 46.473 | ng | 99 |
| 53) 3-Nitroaniline | 9.881 | 138 | 28012 | 35.013 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 15893 | 42.554 | ng | # 69 |
| 55) Dibenzofuran | 10.139 | 168 | 225289 | 47.060 | ng | 98 |
| 56) 4-Nitrophenol | 10.034 | 139 | 60532 | 95.103 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 49742 | 49.162 | ng | 98 |
| 58) Fluorene | 10.481 | 166 | 175220 | 46.757 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232 | 45125 | 47.918 | ng | 92 |
| 60) Diethylphthalate | 10.357 | 149 | 172387 | 47.224 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 86631 | 45.582 | ng | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 31914 | 42.118 | ng | 99 |
| 63) Azobenzene | 10.633 | 77 | 159943 | 49.562 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 11452 | 25.531 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 146336 | 50.703 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 50640 | 47.665 | ng | 98 |
| 68) Hexachlorobenzene | 11.028 | 284 | 51645 | 46.038 | ng | 95 |
| 69) Atrazine | 11.116 | 200 | 45597 | 50.387 | ng | 99 |
| 70) Pentachlorophenol | 11.222 | 266 | 69492 | 102.476 | ng | 99 |
| 71) Phenanthrene | 11.445 | 178 | 301520 | 62.116 | ng | 99 |
| 72) Anthracene | 11.498 | 178 | 252719 | 51.777 | ng | 99 |
| 73) Carbazole | 11.651 | 167 | 205181 | 51.330 | ng | 99 |
| 74) Di-n-butylphthalate | 11.980 | 149 | 249221 | 51.786 | ng | 99 |
| 75) Fluoranthene | 12.639 | 202 | 333587 | 74.859 | ng | 99 |
| 77) Benzidine | 12.757 | 184 | 90033 | 33.880 | ng | 99 |
| 78) Pyrene | 12.869 | 202 | 339561 | 52.116 | ng | 99 |
| 80) Butylbenzylphthalate | 13.486 | 149 | 99885 | 48.929 | ng | 99 |
| 81) Benzo(a)anthracene | 14.057 | 228 | 309910 | 59.114 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.016 | 252 | 67079 | 41.590 | ng | 99 |
| 83) Chrysene | 14.092 | 228 | 271449 | 56.534 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 143858 | 49.390 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 260701 | 49.947 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.051 | 276 | 209866 | 37.449 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.116 | 252 | 293398 | 60.024 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.145 | 252 | 218372 | 49.501 | ng | 99 |
| 90) Benzo(a)pyrene | 15.486 | 252 | 255488 | 59.495 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.068 | 278 | 163144 | 35.089 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.504 | 276 | 159122 | 36.588 | ng | 98 |

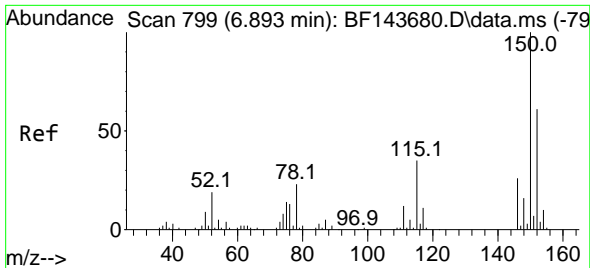
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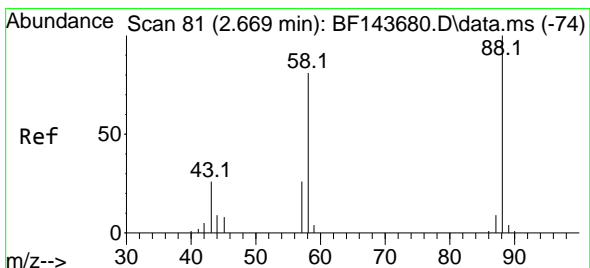
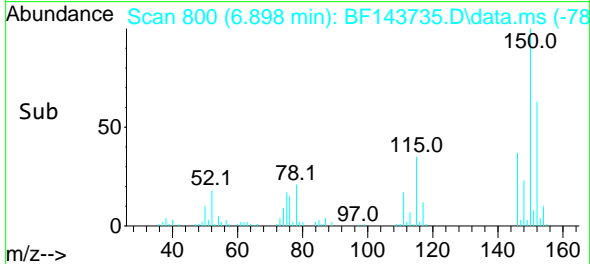
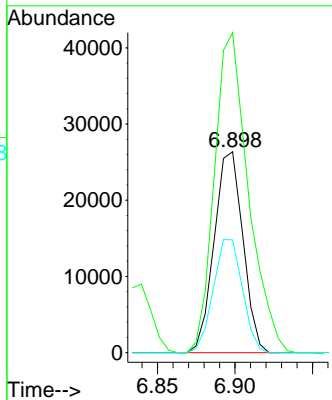
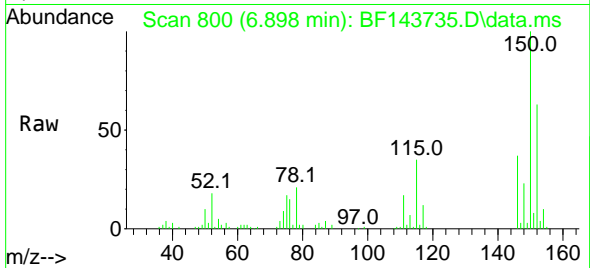




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

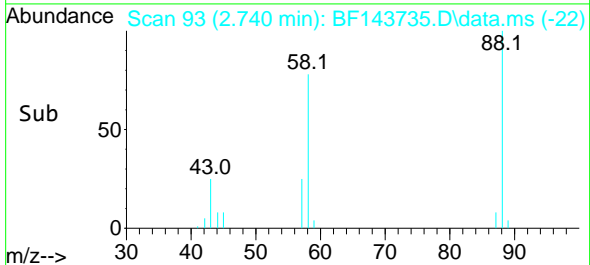
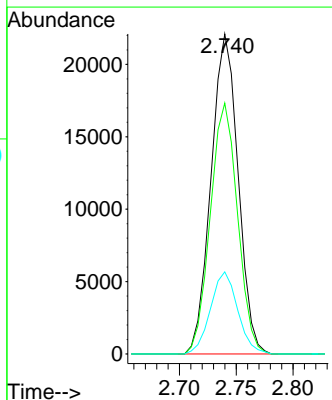
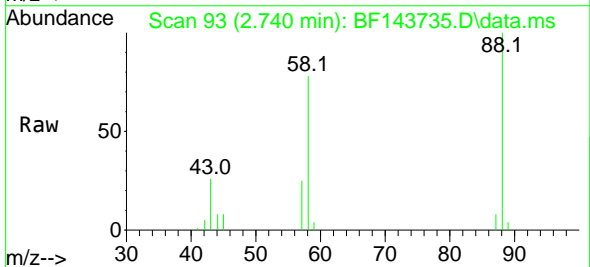
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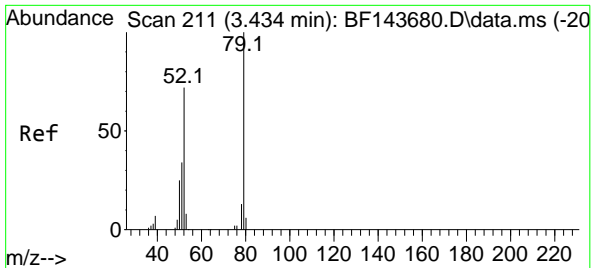
Tgt Ion:152 Resp: 34051
 Ion Ratio Lower Upper
 152 100
 150 159.2 130.7 196.1
 115 56.1 45.9 68.9



#2
 1,4-Dioxane
 Concen: 41.101 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.071 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

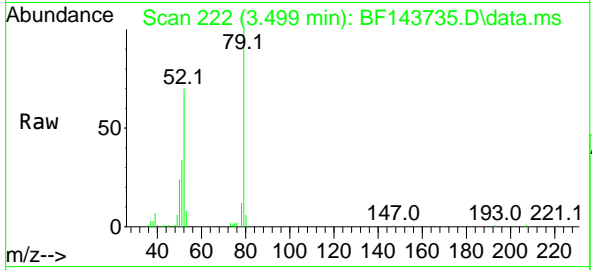
Tgt Ion: 88 Resp: 36591
 Ion Ratio Lower Upper
 88 100
 58 78.9 65.8 98.6
 43 25.8 20.6 31.0





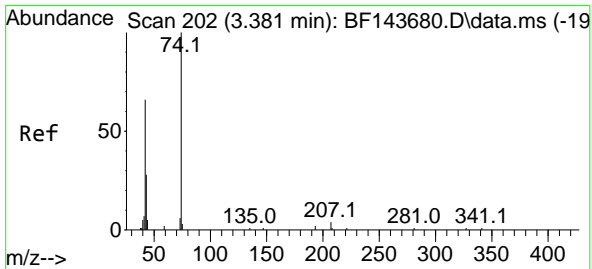
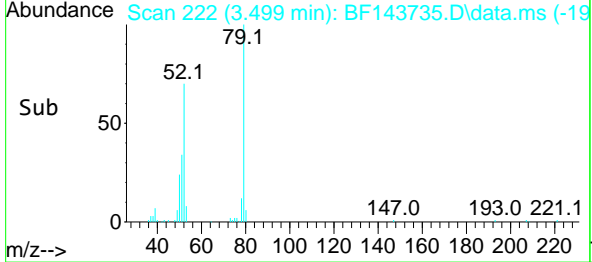
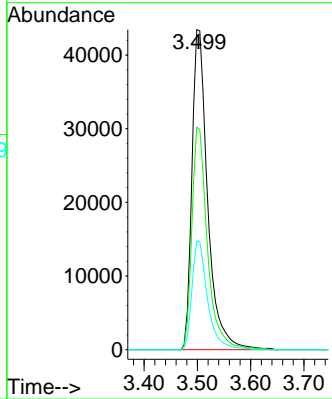
#3
 Pyridine
 Concen: 38.833 ng
 RT: 3.499 min Scan# 214
 Delta R.T. 0.065 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

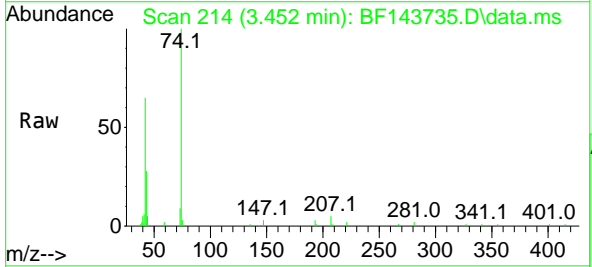


Tgt Ion: 79 Resp: 89305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 52 | 69.5 | 57.2 | 85.8 |
| 51 | 34.0 | 27.0 | 40.6 |

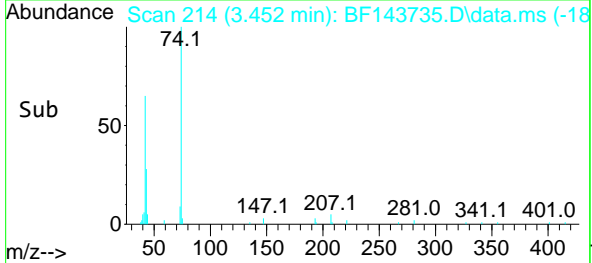
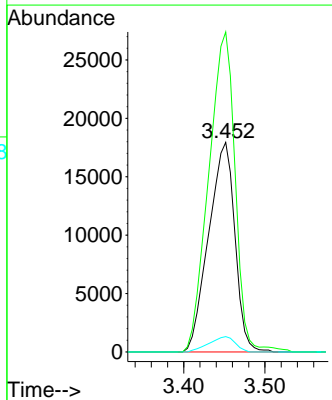


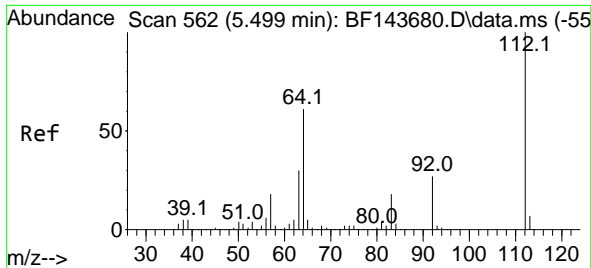
#4
 n-Nitrosodimethylamine
 Concen: 46.162 ng
 RT: 3.452 min Scan# 214
 Delta R.T. 0.070 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion: 42 Resp: 40326

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42 | 100 | | |
| 74 | 152.7 | 120.9 | 181.3 |
| 44 | 7.4 | 6.5 | 9.7 |



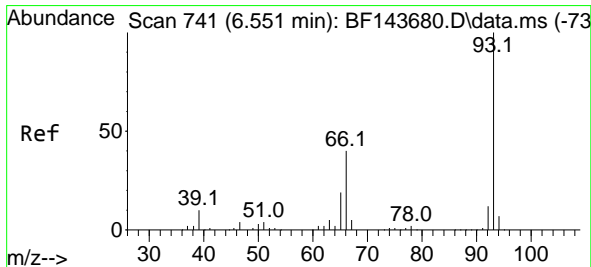
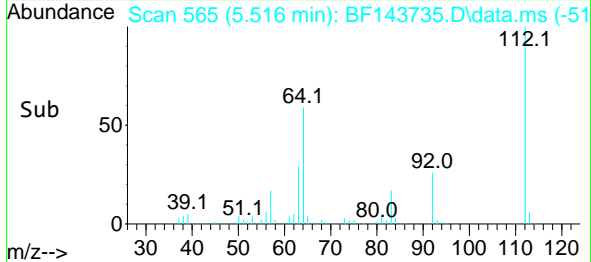
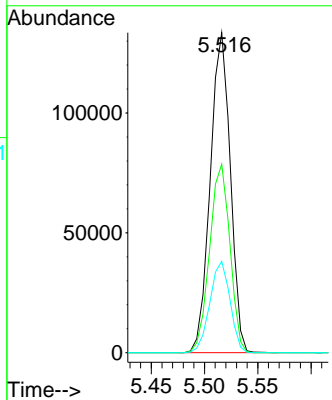
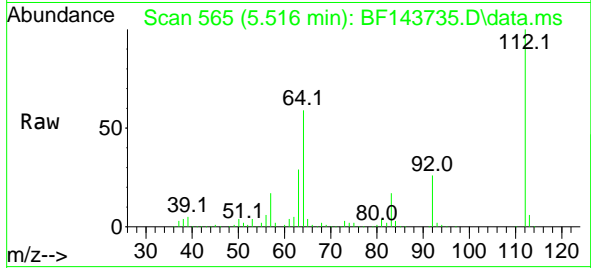


#5
 2-Fluorophenol
 Concen: 87.612 ng
 RT: 5.516 min Scan# 50
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
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Tgt Ion:112 Resp: 174856

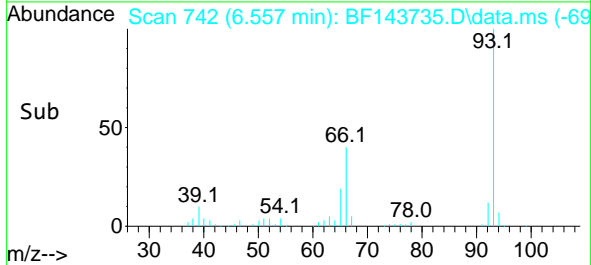
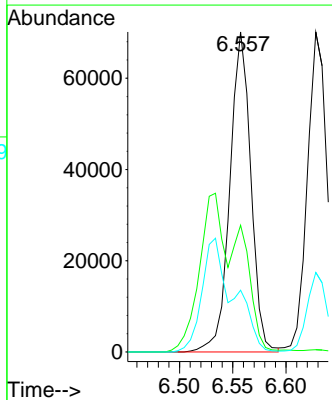
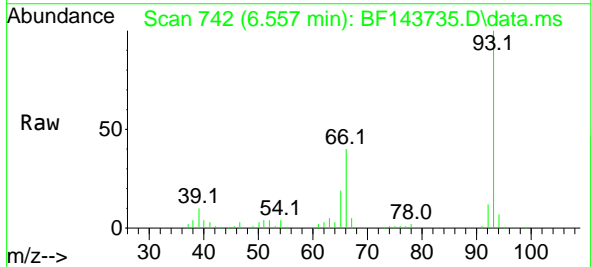
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 58.9 | 49.0 | 73.4 |
| 63 | 28.5 | 24.3 | 36.5 |

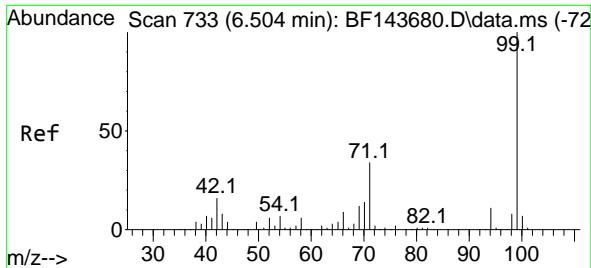


#6
 Aniline
 Concen: 29.816 ng
 RT: 6.557 min Scan# 742
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion: 93 Resp: 95964

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 66 | 39.6 | 34.1 | 51.1 |
| 65 | 19.3 | 16.1 | 24.1 |

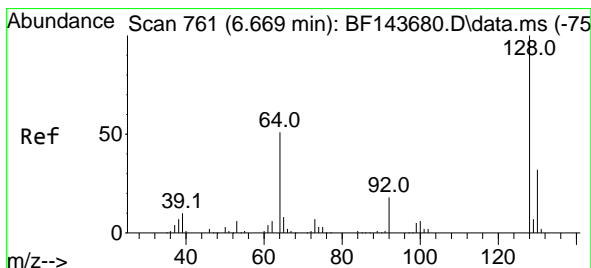
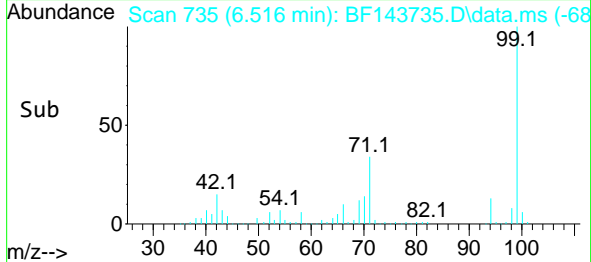
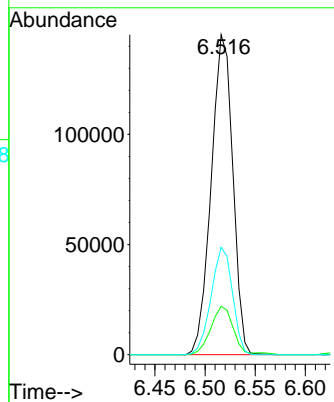
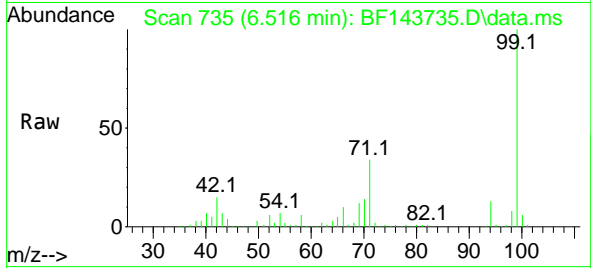




#7
 Phenol-d6
 Concen: 89.622 ng
 RT: 6.516 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: BF143735.D
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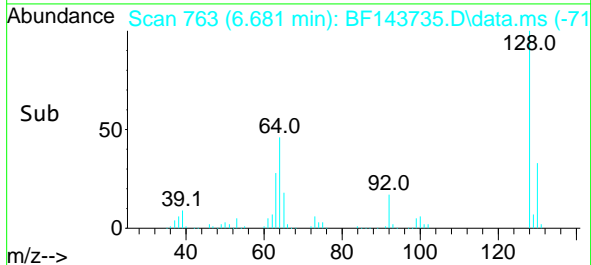
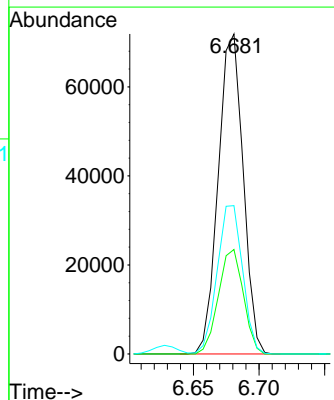
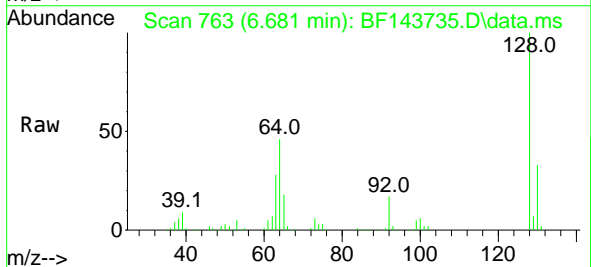
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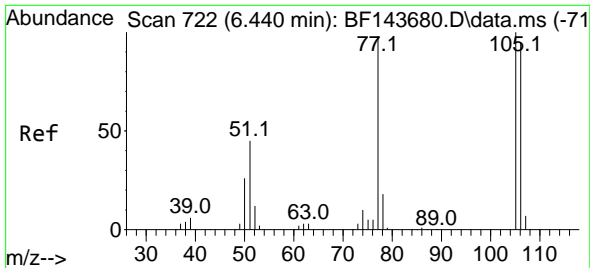
Tgt Ion: 99 Resp: 217787
 Ion Ratio Lower Upper
 99 100
 42 15.1 13.0 19.4
 71 33.6 27.4 41.2



#8
 2-Chlorophenol
 Concen: 43.980 ng
 RT: 6.681 min Scan# 763
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:128 Resp: 94799
 Ion Ratio Lower Upper
 128 100
 130 32.7 12.0 52.0
 64 46.4 31.9 71.9



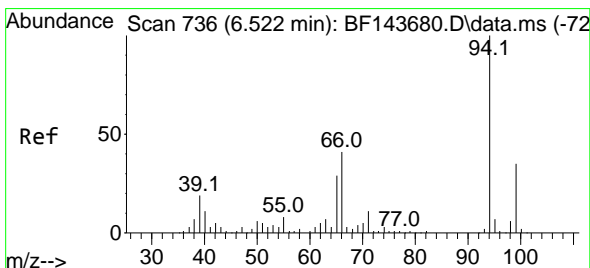
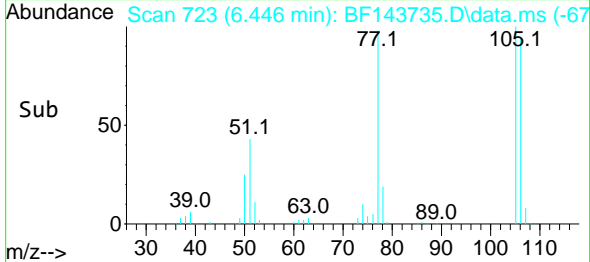
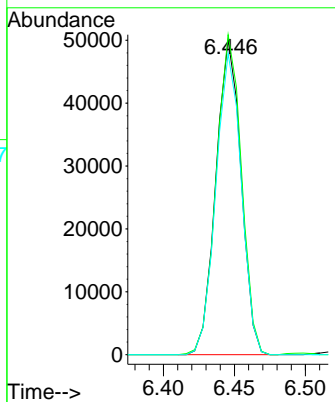
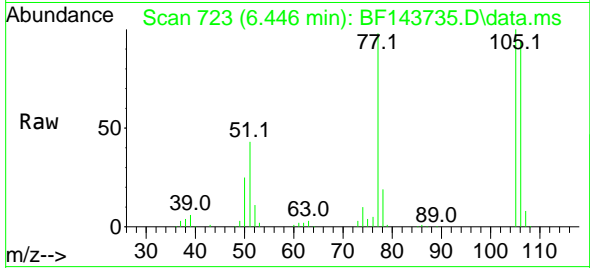


#9
 Benzaldehyde
 Concen: 31.453 ng
 RT: 6.446 min Scan# 71
 Delta R.T. 0.006 min
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Instrument :
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 ClientSampleId :
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Tgt Ion: 77 Resp: 61668

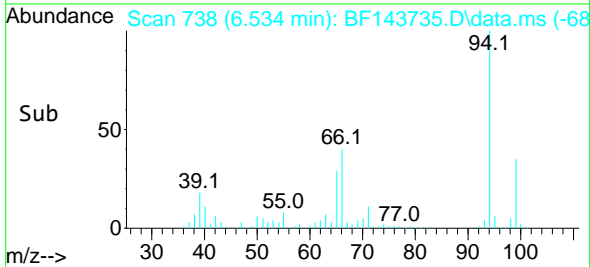
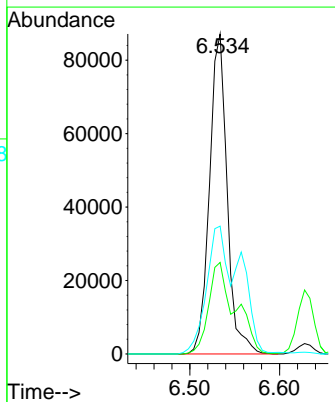
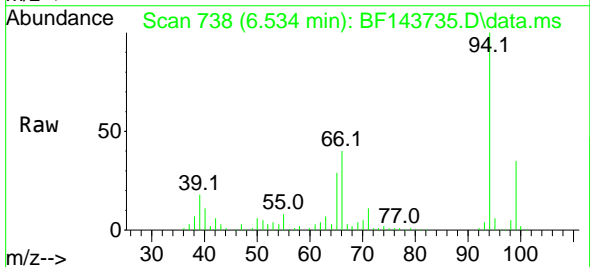
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 105 | 101.6 | 81.7 | 121.7 |
| 106 | 95.6 | 76.9 | 116.9 |

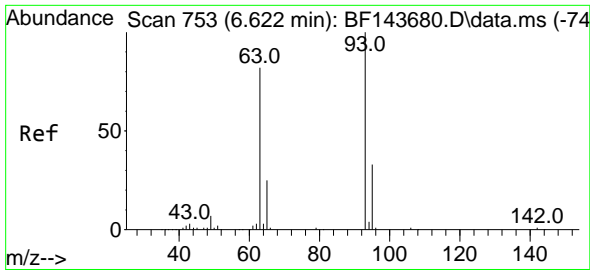


#10
 Phenol
 Concen: 44.330 ng
 RT: 6.534 min Scan# 738
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion: 94 Resp: 119080

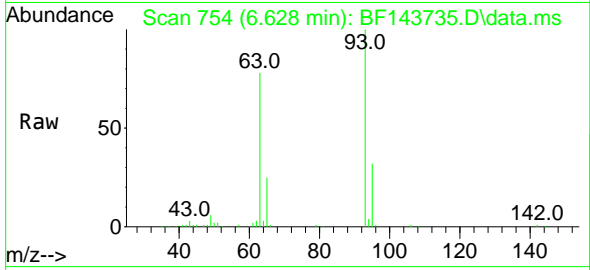
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94 | 100 | | |
| 65 | 28.6 | 9.1 | 49.1 |
| 66 | 39.9 | 20.8 | 60.8 |



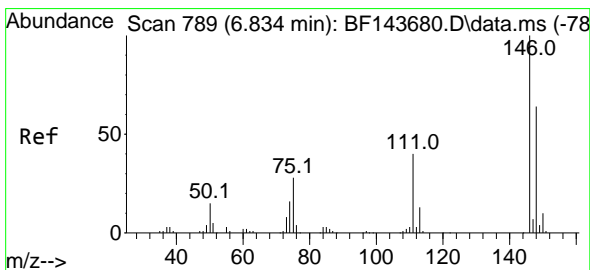
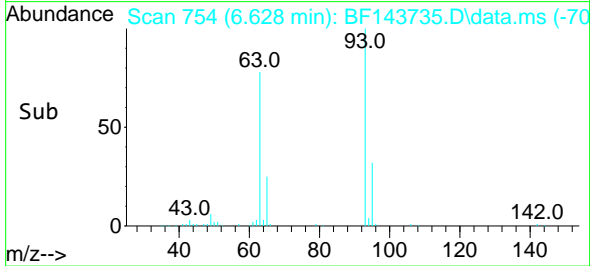
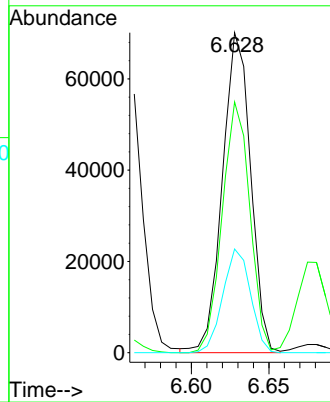


#11
 bis(2-Chloroethyl)ether
 Concen: 44.234 ng
 RT: 6.628 min Scan# 710
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

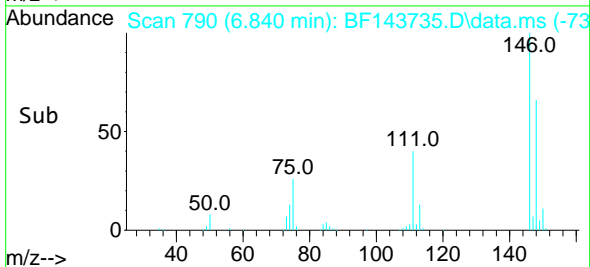
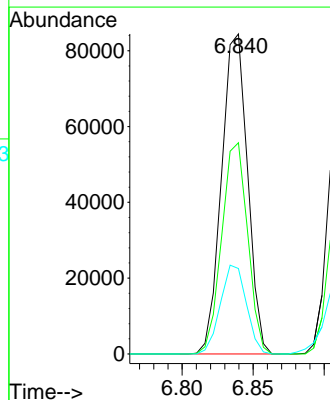
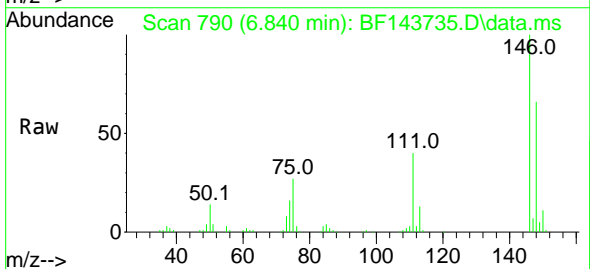


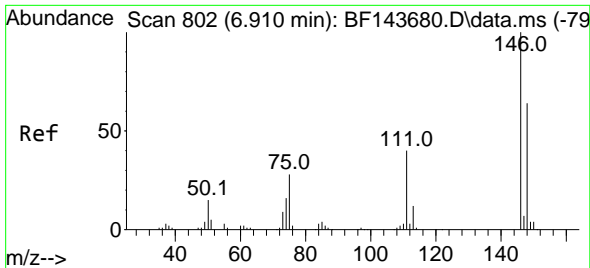
Tgt Ion: 93 Resp: 88742
 Ion Ratio Lower Upper
 93 100
 63 78.3 61.8 101.8
 95 32.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 43.684 ng
 RT: 6.840 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

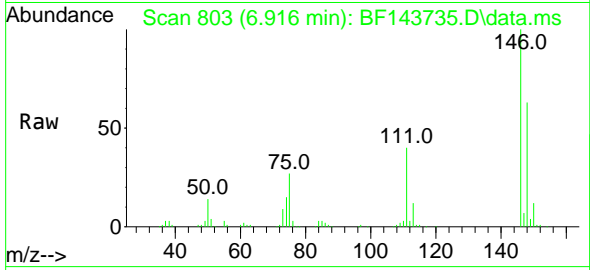
Tgt Ion:146 Resp: 107689
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.0 76.4
 75 26.7 22.0 33.0



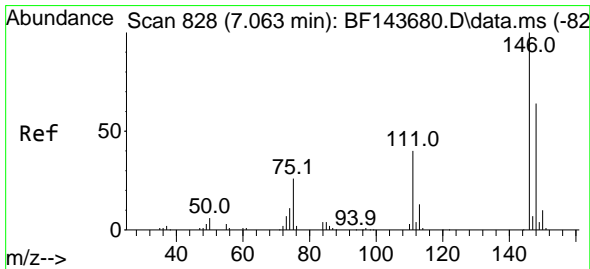
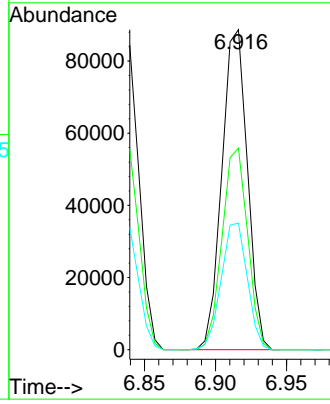
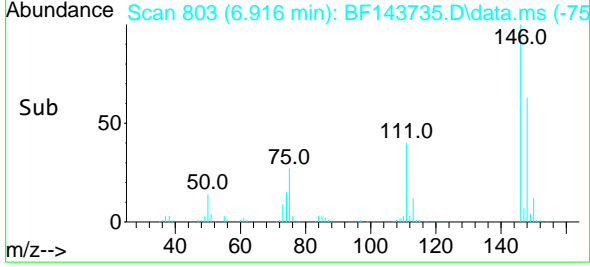


#13
 1,4-Dichlorobenzene
 Concen: 44.701 ng
 RT: 6.916 min Scan# 802
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

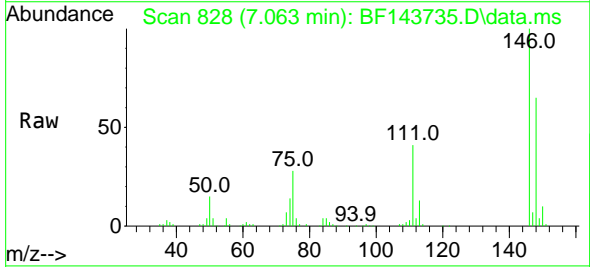
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



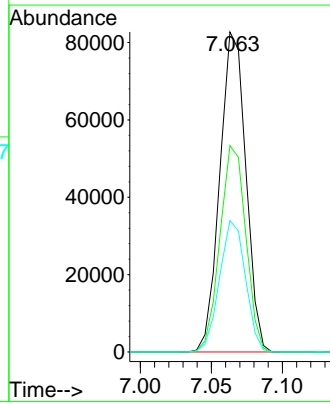
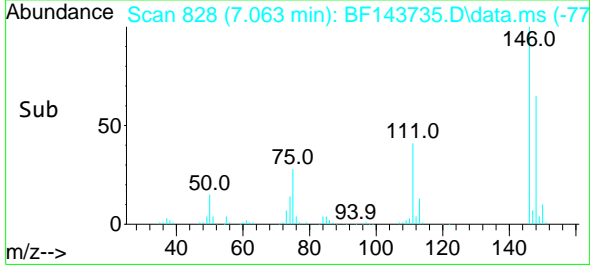
Tgt Ion:146 Resp: 111227
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.2 76.8
 111 39.6 31.8 47.8

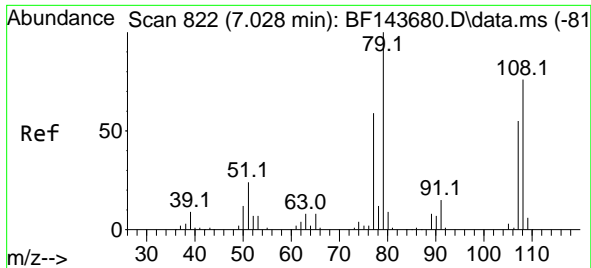


#14
 1,2-Dichlorobenzene
 Concen: 44.808 ng
 RT: 7.063 min Scan# 828
 Delta R.T. -0.000 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion:146 Resp: 105285
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 41.0 32.3 48.5

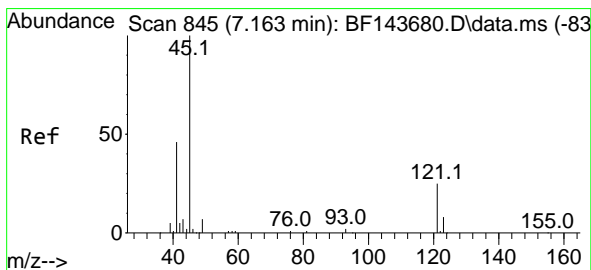
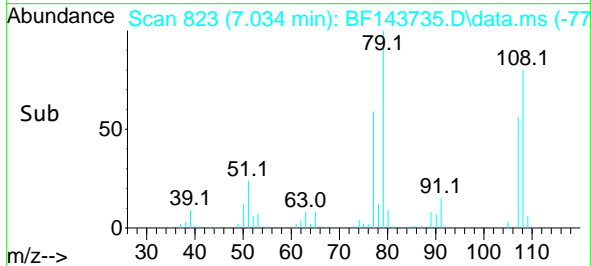
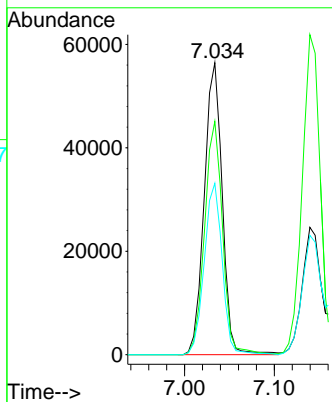
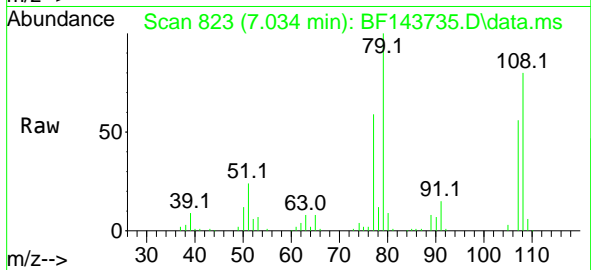




#15
 Benzyl Alcohol
 Concen: 44.500 ng
 RT: 7.034 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

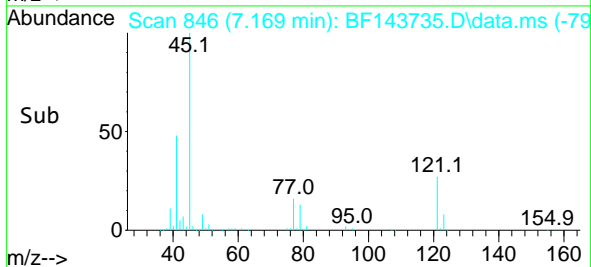
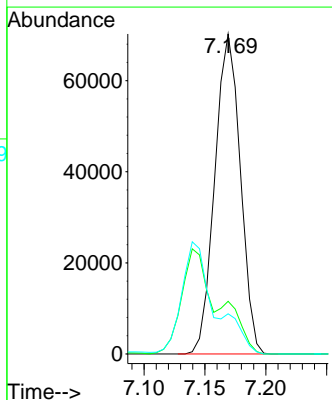
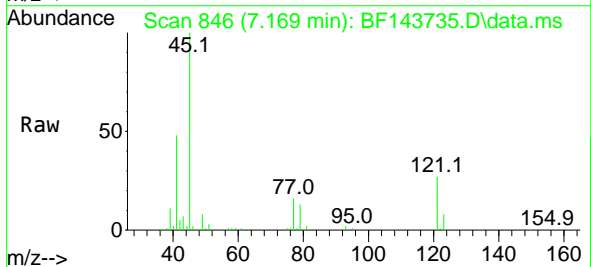
Instrument : BNA_F
 Client SampleId : WC-31MSD

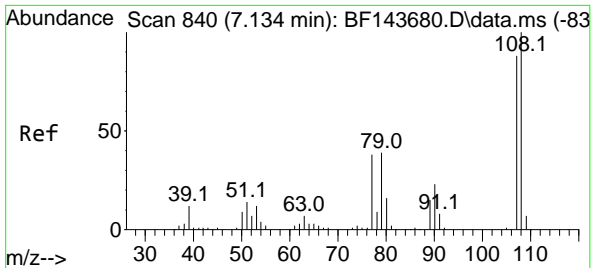
| | | | |
|-----------|------|-------|-------|
| Tgt Ion: | 79 | Resp: | 78661 |
| Ion Ratio | 100 | Lower | Upper |
| 79 | 100 | | |
| 108 | 79.9 | 60.9 | 91.3 |
| 77 | 58.7 | 47.4 | 71.2 |



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 38.987 ng
 RT: 7.169 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

| | | | |
|-----------|------|-------|--------|
| Tgt Ion: | 45 | Resp: | 102330 |
| Ion Ratio | 100 | Lower | Upper |
| 45 | 100 | | |
| 77 | 16.4 | 0.0 | 34.6 |
| 79 | 12.6 | 0.0 | 31.3 |

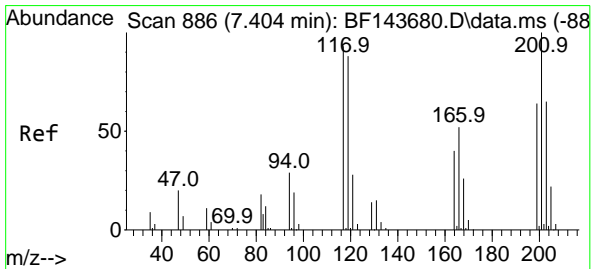
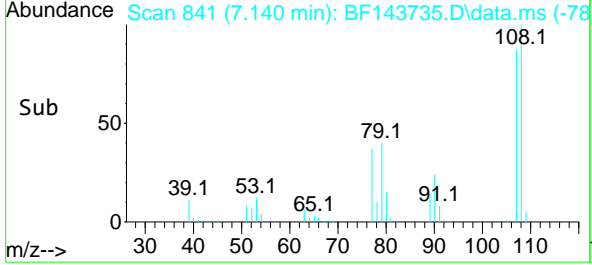
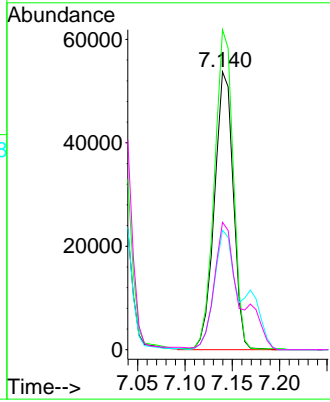
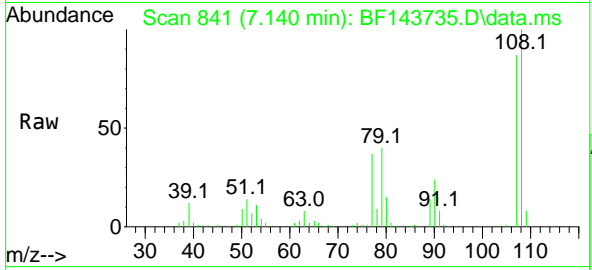




#17
 2-Methylphenol
 Concen: 43.140 ng
 RT: 7.140 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

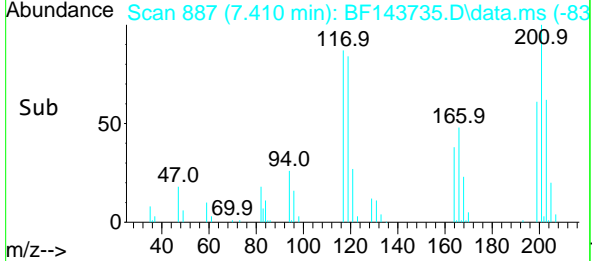
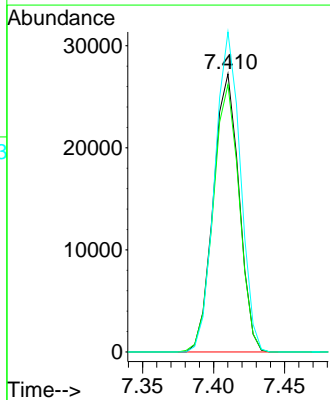
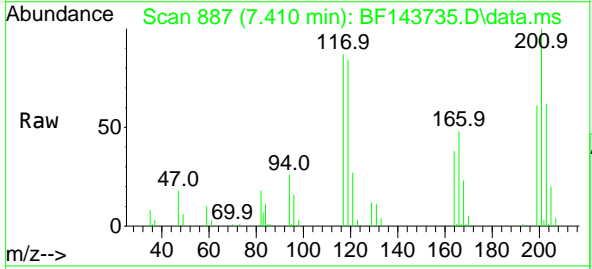
Instrument : BNA_F
 ClientSampleId : WC-31MSD

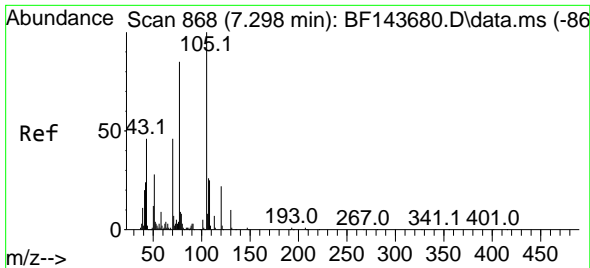
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 107 | 74803 | | |
| 108 | 115.2 | 90.9 | 136.3 |
| 77 | 42.9 | 34.4 | 51.6 |
| 79 | 45.8 | 35.3 | 52.9 |



#18
 Hexachloroethane
 Concen: 42.651 ng
 RT: 7.410 min Scan# 887
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 117 | 34282 | | |
| 119 | 96.2 | 76.2 | 114.2 |
| 201 | 115.1 | 86.4 | 129.6 |



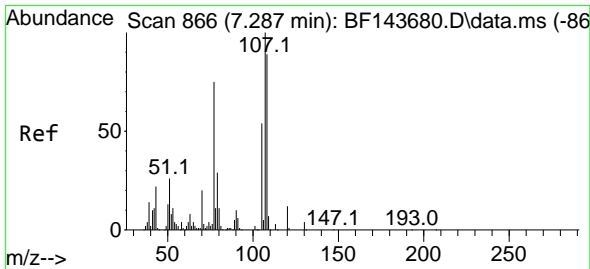
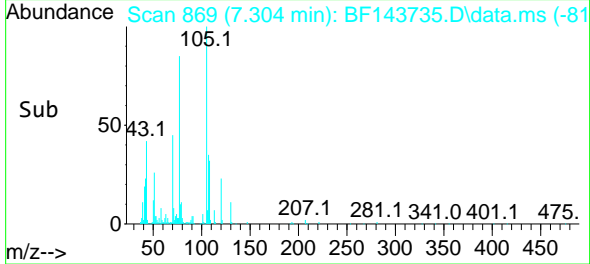
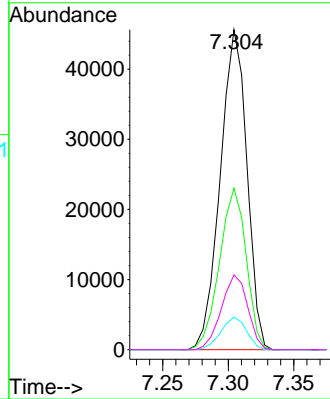
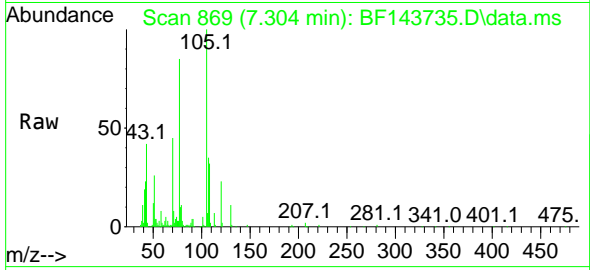


#19
 n-Nitroso-di-n-propylamine
 Concen: 43.226 ng
 RT: 7.304 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion: 70 Resp: 64513

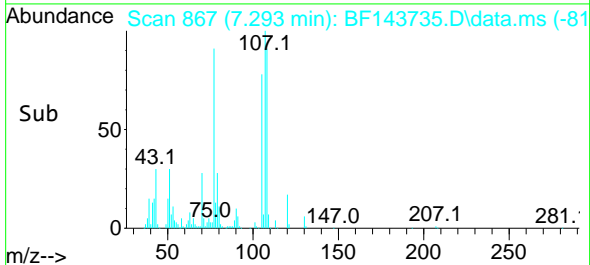
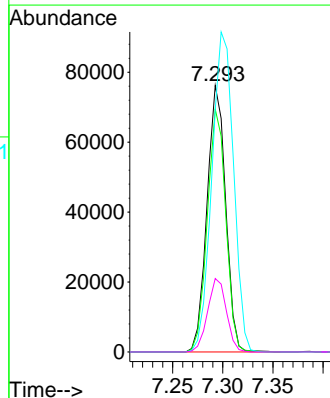
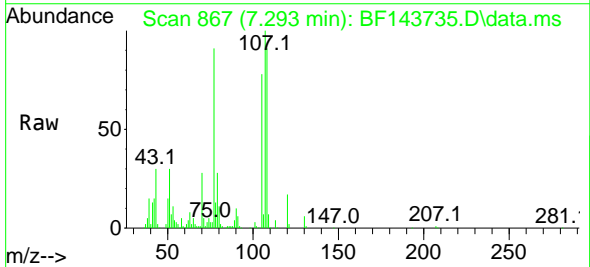
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70 | 100 | | |
| 42 | 50.5 | 41.4 | 62.2 |
| 101 | 10.2 | 8.1 | 12.1 |
| 130 | 23.4 | 17.3 | 25.9 |

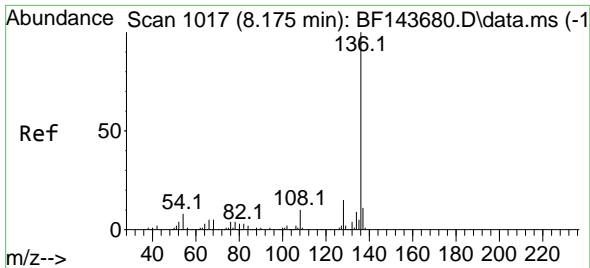


#20
 3+4-Methylphenols
 Concen: 43.232 ng
 RT: 7.293 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion: 107 Resp: 98715

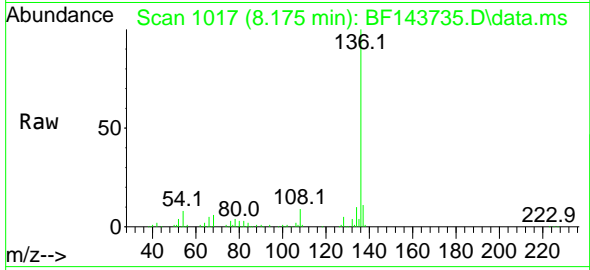
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 91.2 | 68.6 | 108.6 |
| 77 | 90.9 | 54.6 | 94.6 |
| 79 | 27.6 | 8.9 | 48.9 |





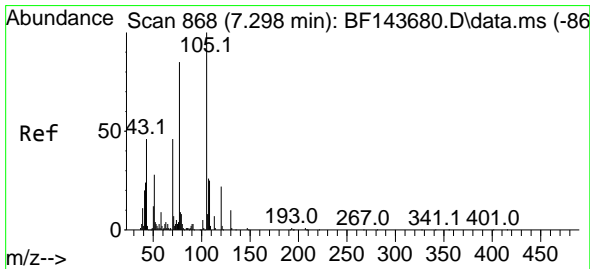
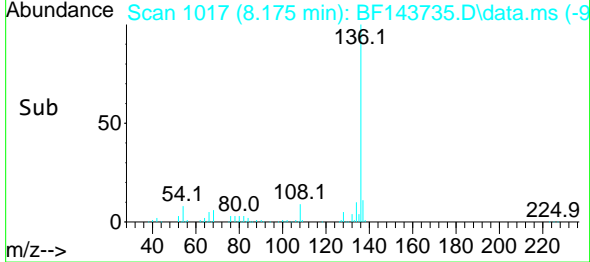
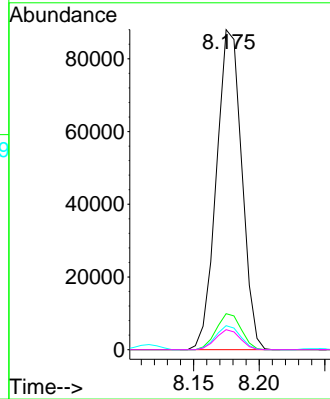
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.175 min Scan# 1017
 Delta R.T. -0.000 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

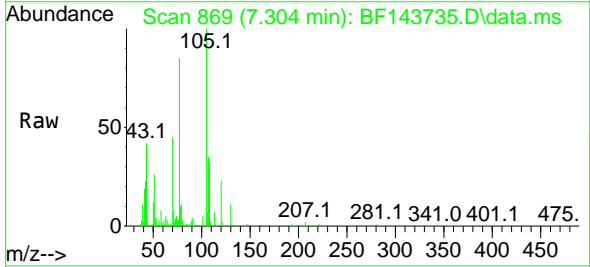


Tgt Ion:136 Resp: 118248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 11.2 | 8.7 | 13.1 |
| 54 | 7.5 | 6.2 | 9.2 |
| 68 | 6.2 | 4.2 | 6.4 |

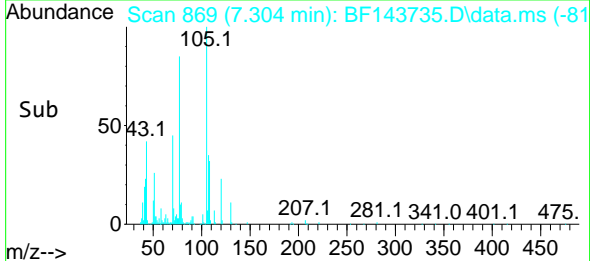
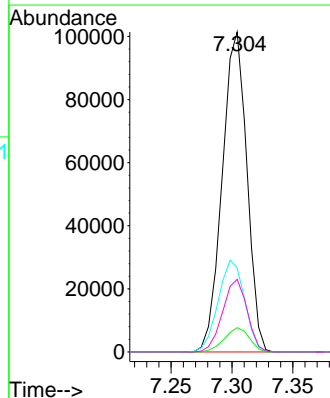


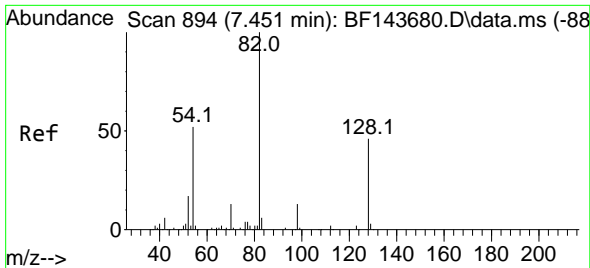
#22
 Acetophenone
 Concen: 53.466 ng
 RT: 7.304 min Scan# 869
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion:105 Resp: 142789

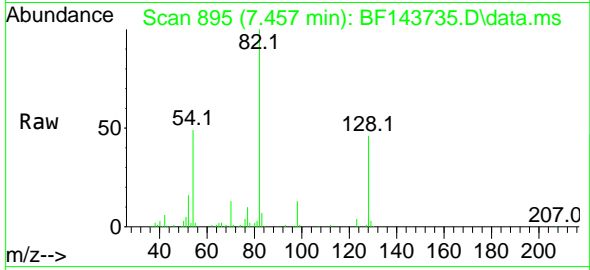
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 7.6 | 5.9 | 8.9 |
| 51 | 26.3 | 22.4 | 33.6 |
| 120 | 22.7 | 17.6 | 26.4 |



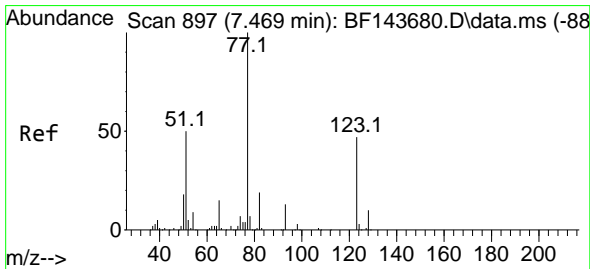
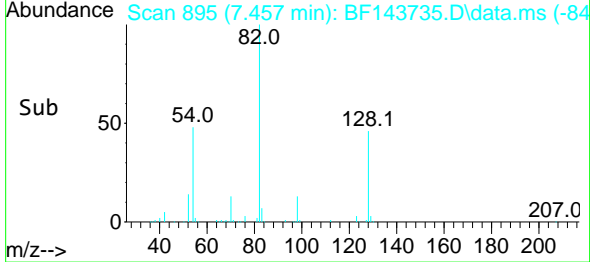
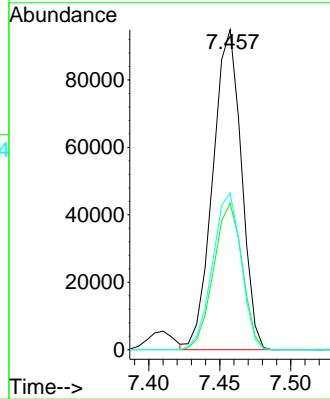


#23
 Nitrobenzene-d5
 Concen: 69.702 ng
 RT: 7.457 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

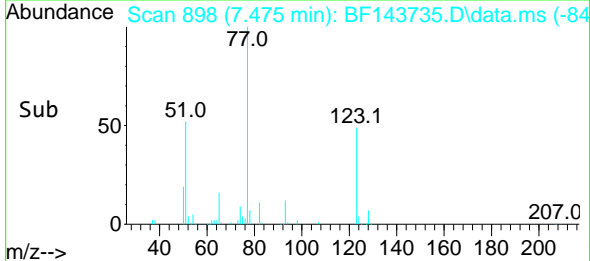
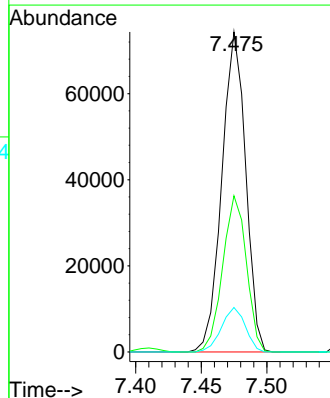
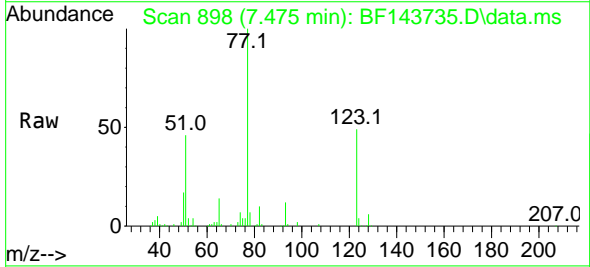


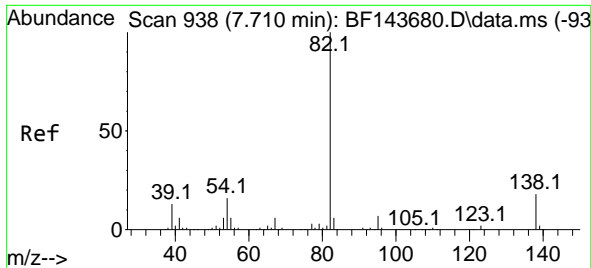
Tgt Ion: 82 Resp: 132509
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.0 55.4
 54 49.0 41.8 62.8



#24
 Nitrobenzene
 Concen: 47.595 ng
 RT: 7.475 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

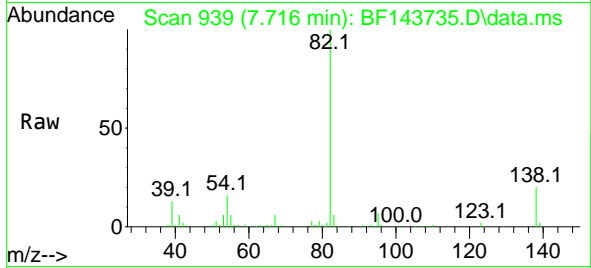
Tgt Ion: 77 Resp: 93820
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.4 56.0
 65 13.9 11.6 17.4



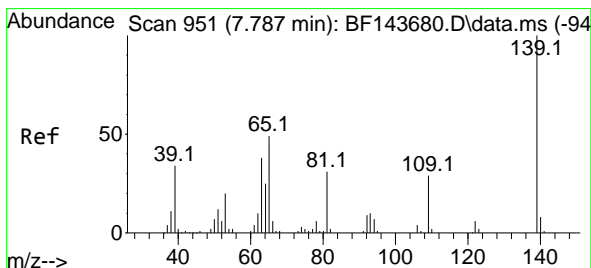
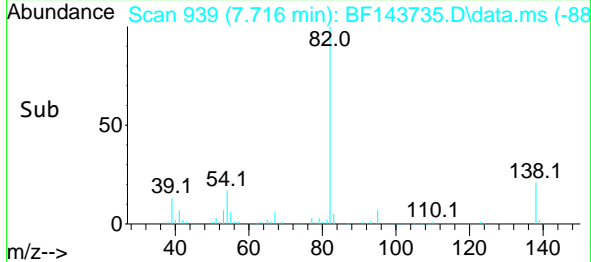
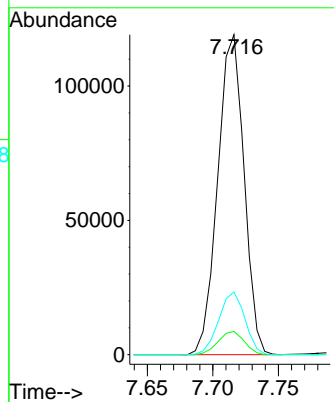


#25
 Isophorone
 Concen: 45.561 ng
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

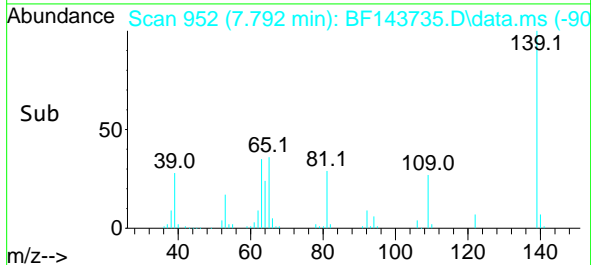
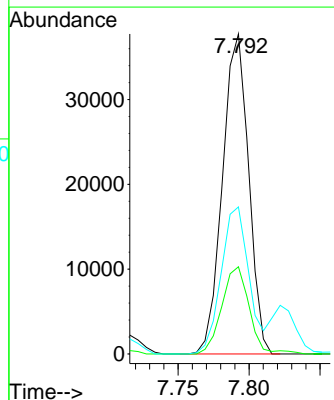
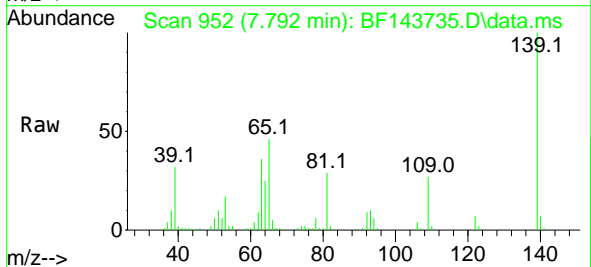


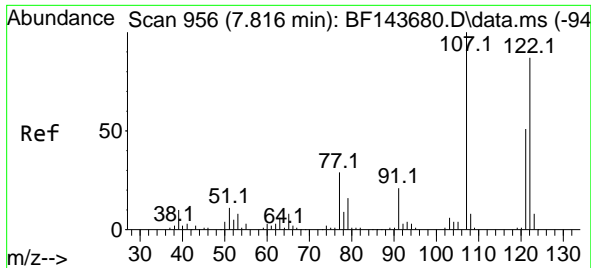
Tgt Ion: 82 Resp: 166086
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.7 8.5
 138 19.6 14.8 22.2



#26
 2-Nitrophenol
 Concen: 49.782 ng
 RT: 7.792 min Scan# 952
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

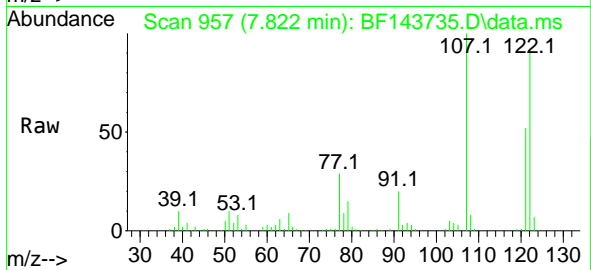
Tgt Ion: 139 Resp: 48248
 Ion Ratio Lower Upper
 139 100
 109 27.3 22.8 34.2
 65 45.9 39.2 58.8



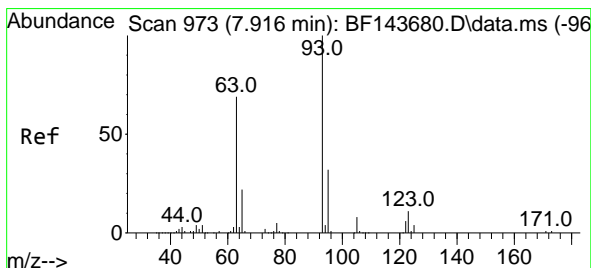
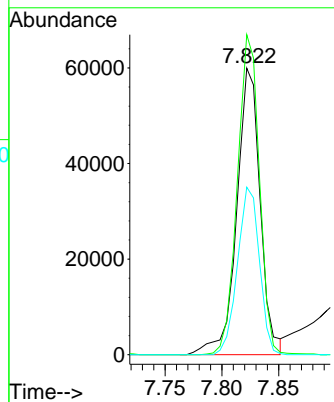
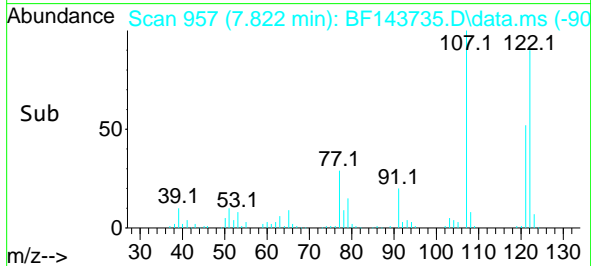


#27
 2,4-Dimethylphenol
 Concen: 49.528 ng
 RT: 7.822 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

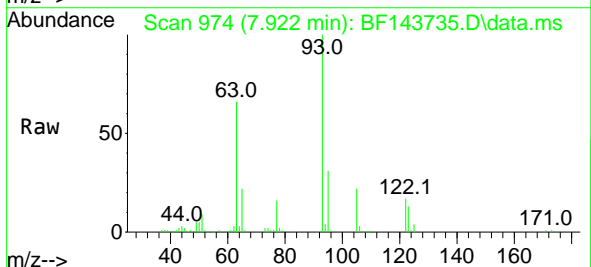
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



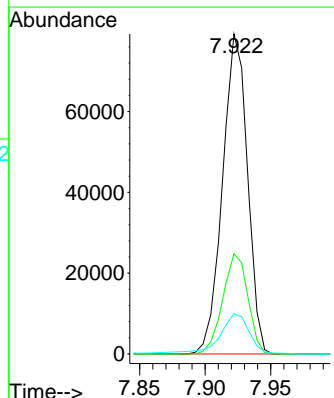
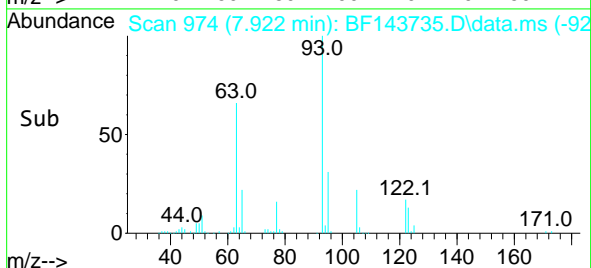
Tgt Ion:122 Resp: 86173
 Ion Ratio Lower Upper
 122 100
 107 111.6 92.1 138.1
 121 58.4 46.9 70.3

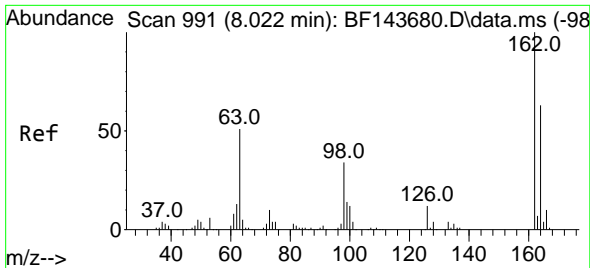


#28
 bis(2-Chloroethoxy)methane
 Concen: 46.640 ng
 RT: 7.922 min Scan# 974
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



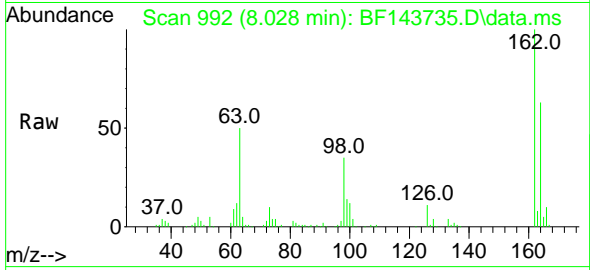
Tgt Ion: 93 Resp: 104485
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.0 39.0
 123 12.6 9.6 14.4



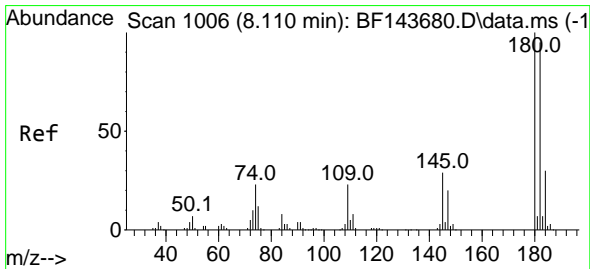
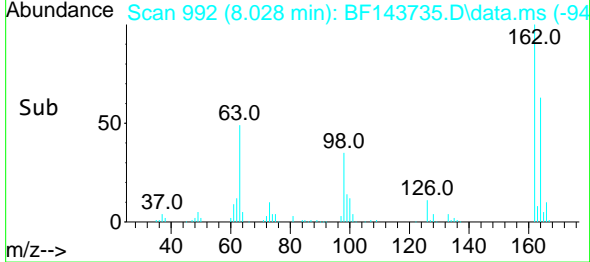
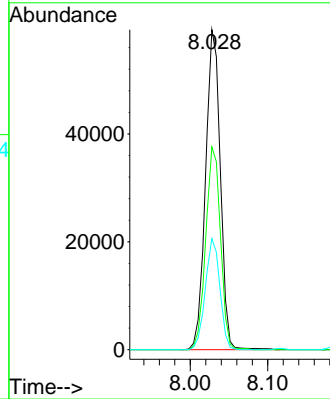


#29
 2,4-Dichlorophenol
 Concen: 44.896 ng
 RT: 8.028 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

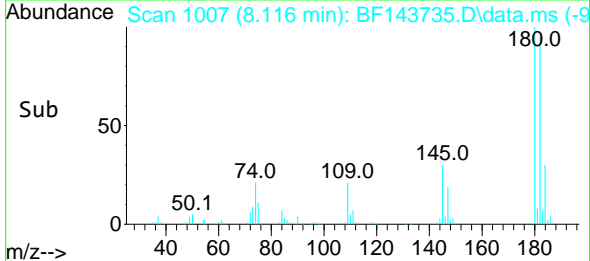
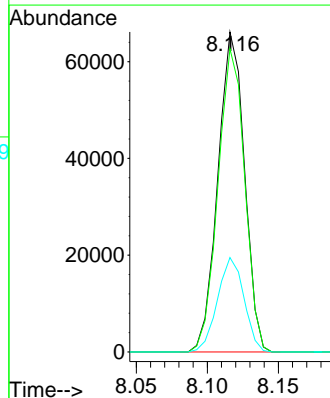
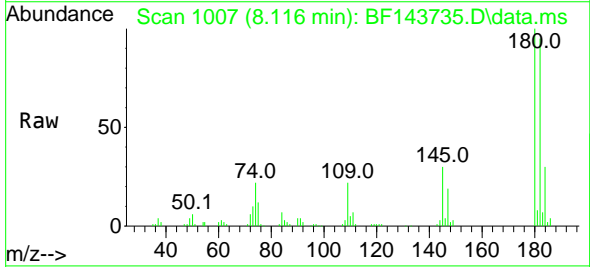


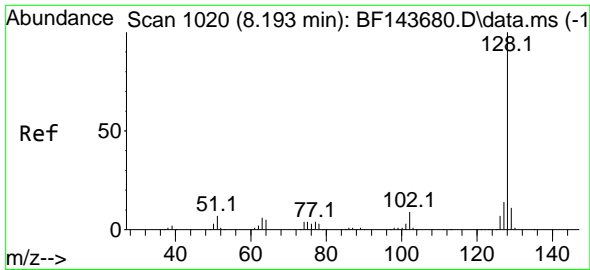
Tgt Ion:162 Resp: 78577
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.0 83.0
 98 34.7 13.8 53.8



#30
 1,2,4-Trichlorobenzene
 Concen: 47.395 ng
 RT: 8.116 min Scan# 1007
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

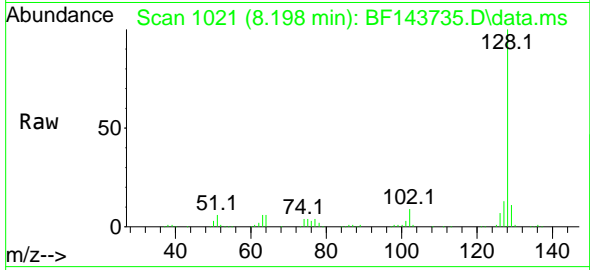
Tgt Ion:180 Resp: 85937
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 29.5 23.2 34.8



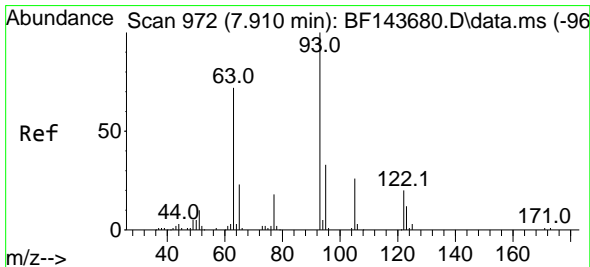
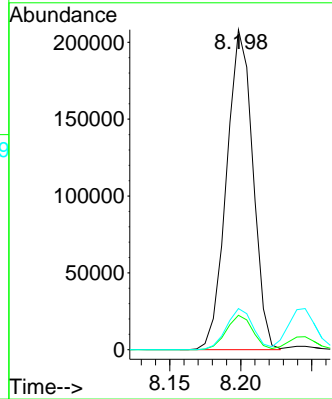
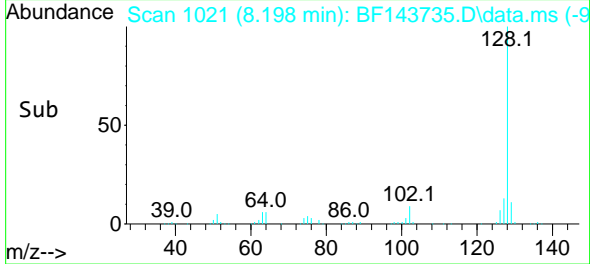


#31
 Naphthalene
 Concen: 45.797 ng
 RT: 8.198 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

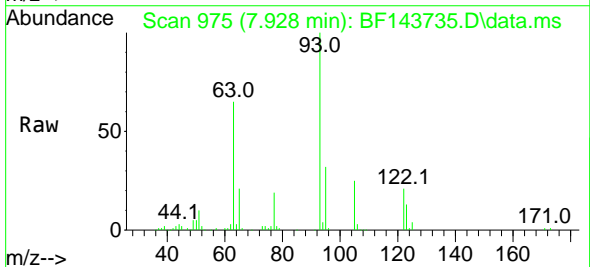
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



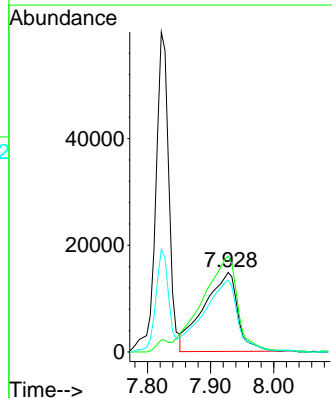
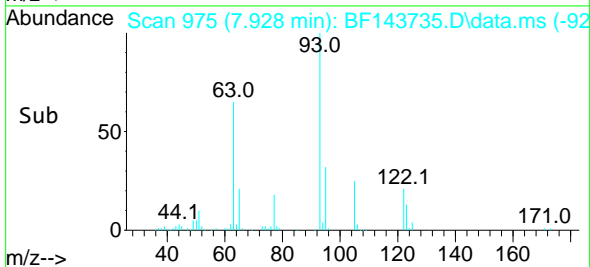
Tgt Ion:128 Resp: 268081
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 12.8 10.9 16.3

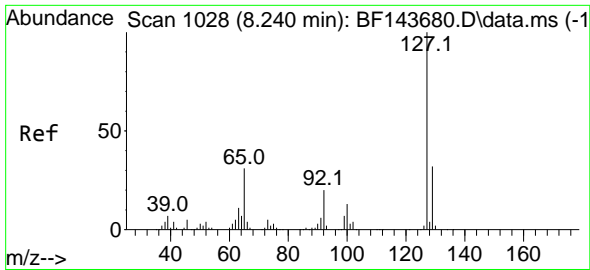


#32
 Benzoic acid
 Concen: 52.278 ng
 RT: 7.928 min Scan# 975
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



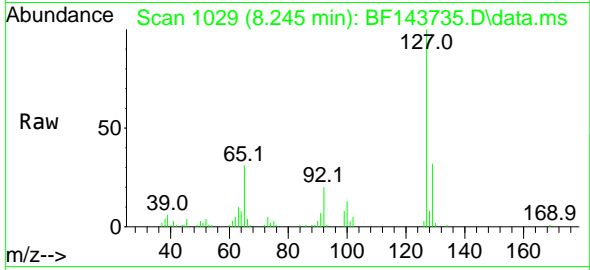
Tgt Ion:122 Resp: 55493
 Ion Ratio Lower Upper
 122 100
 105 120.7 105.2 145.2
 77 90.5 72.0 112.0



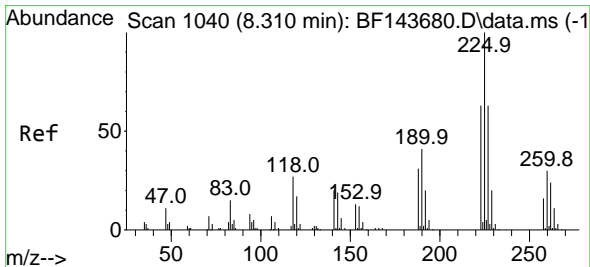
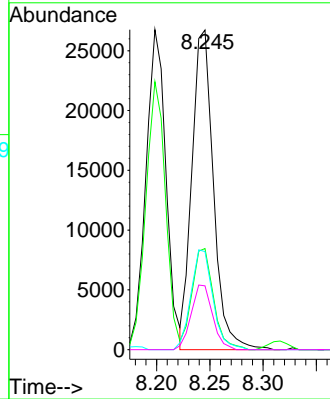
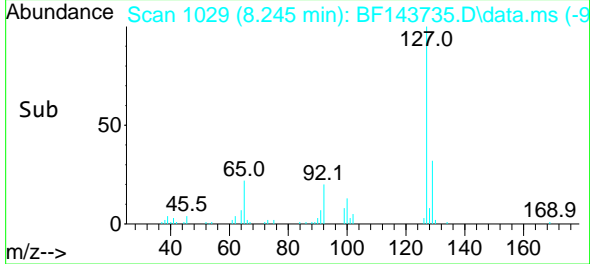


#33
 4-Chloroaniline
 Concen: 18.505 ng
 RT: 8.245 min Scan# 1029
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

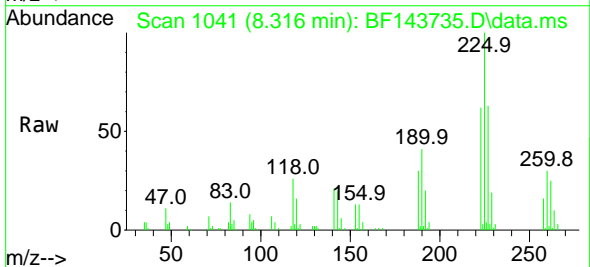
Instrument :
 BNA_F
 Client Sample Id :
 WC-31MSD



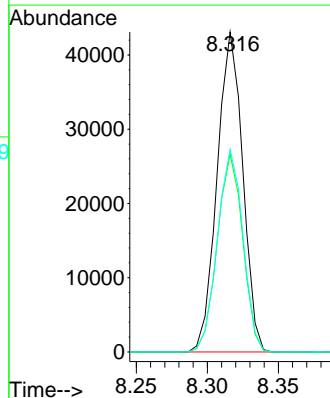
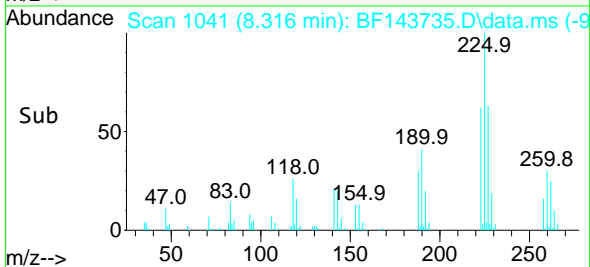
Tgt Ion:127 Resp: 37710
 Ion Ratio Lower Upper
 127 100
 129 31.6 26.0 39.0
 65 30.7 24.6 36.8
 92 20.0 16.3 24.5

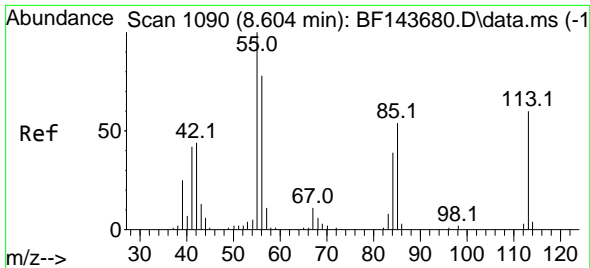


#34
 Hexachlorobutadiene
 Concen: 45.616 ng
 RT: 8.316 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion:225 Resp: 53949
 Ion Ratio Lower Upper
 225 100
 223 61.8 50.6 76.0
 227 63.3 50.8 76.2

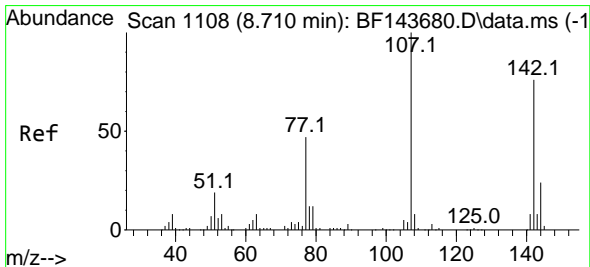
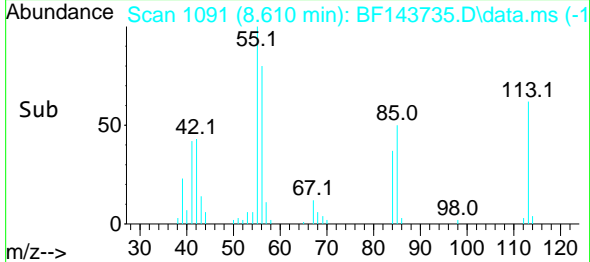
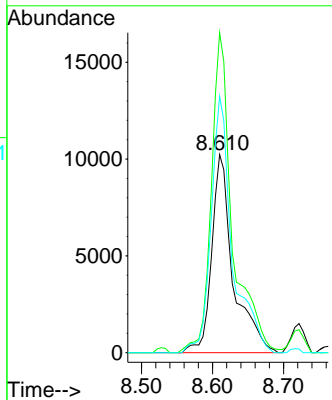
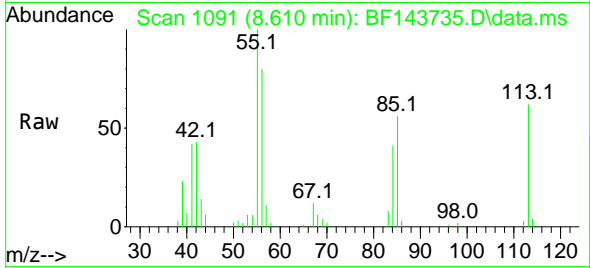




#35
 Caprolactam
 Concen: 46.168 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

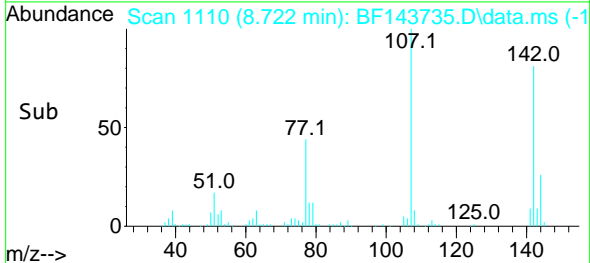
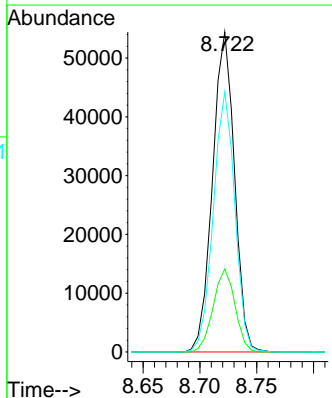
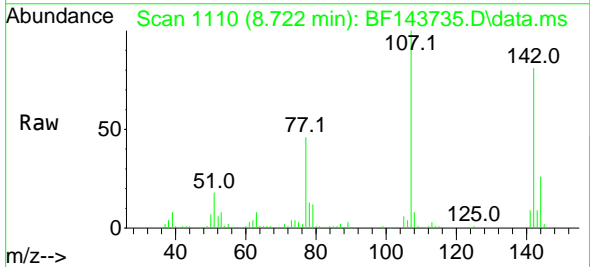
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

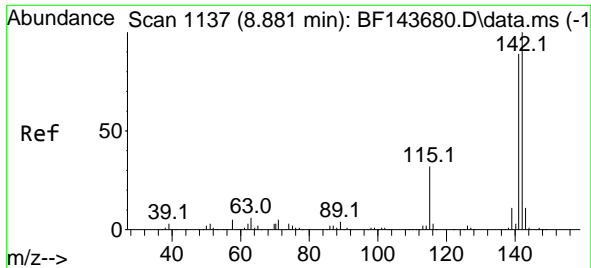
Tgt Ion:113 Resp: 21506
 Ion Ratio Lower Upper
 113 100
 55 161.6 148.9 188.9
 56 129.4 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.336 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:107 Resp: 73059
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.4 29.2
 142 81.2 60.6 91.0

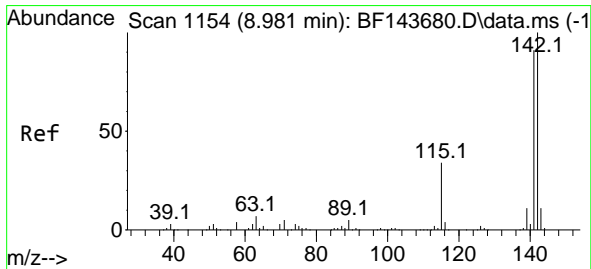
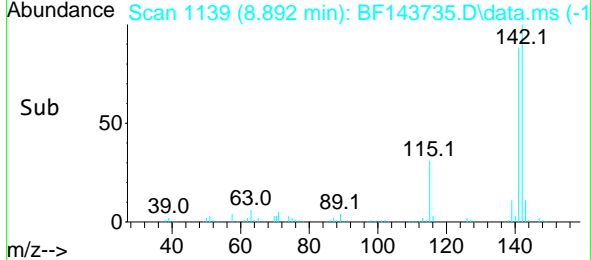
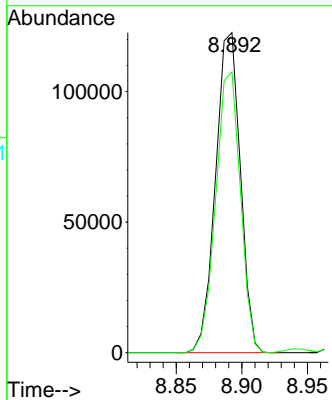
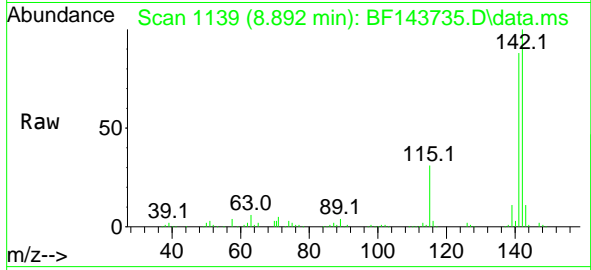




#37
 2-Methylnaphthalene
 Concen: 40.206 ng
 RT: 8.892 min Scan# 1137
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

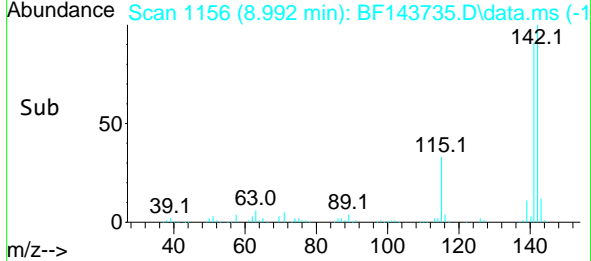
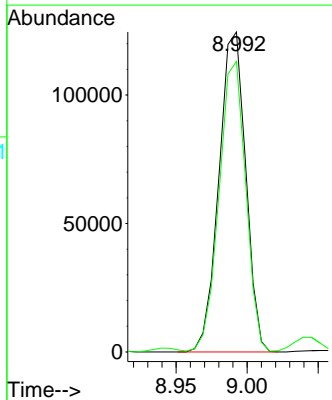
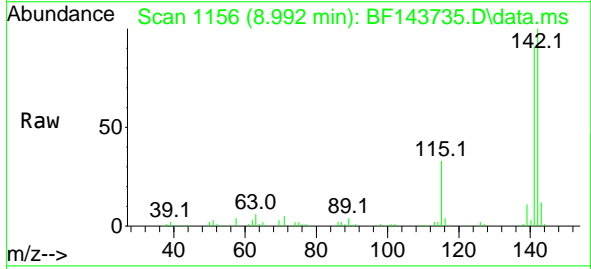
Instrument : BNA_F
 ClientSampleId : WC-31MSD

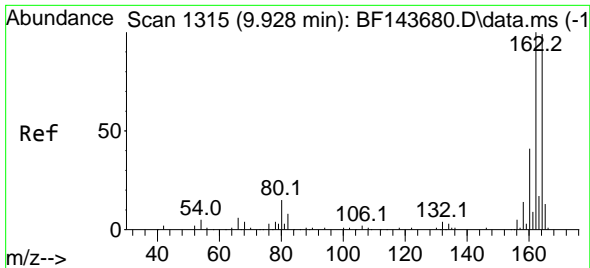
Tgt Ion:142 Resp: 161109
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.1 106.7



#38
 1-Methylnaphthalene
 Concen: 42.448 ng
 RT: 8.992 min Scan# 1156
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

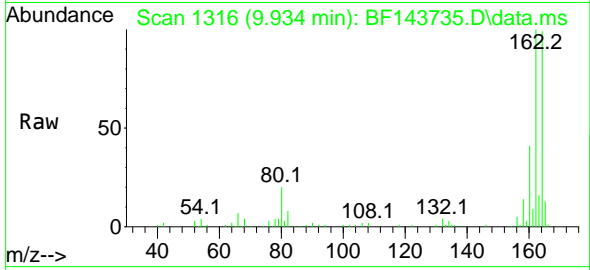
Tgt Ion:142 Resp: 163235
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.9 109.3



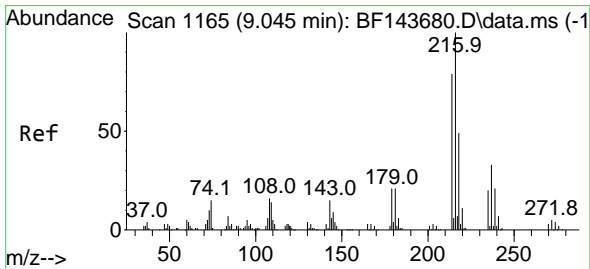
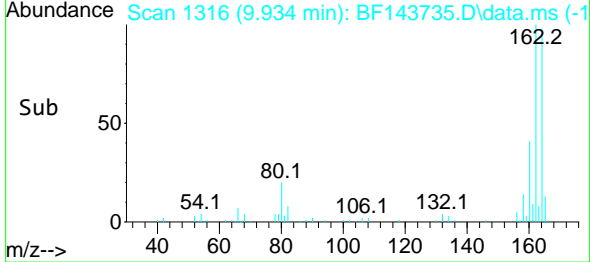
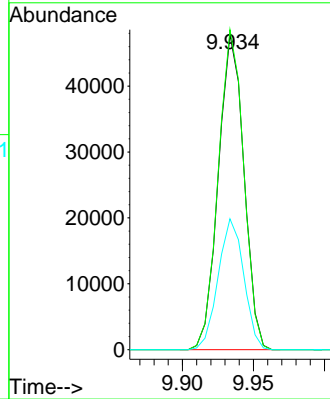


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.934 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

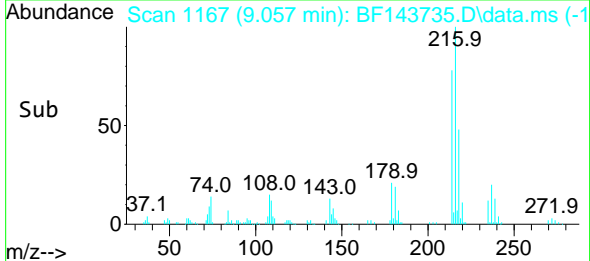
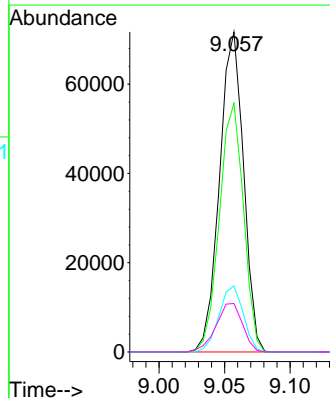
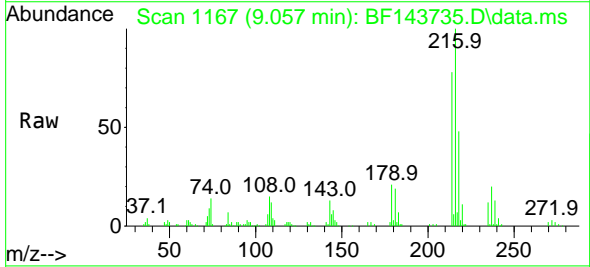


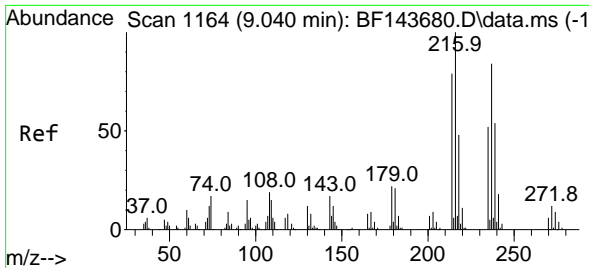
Tgt Ion:164 Resp: 59761
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 121.0
 160 41.5 33.0 49.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.250 ng
 RT: 9.057 min Scan# 1167
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

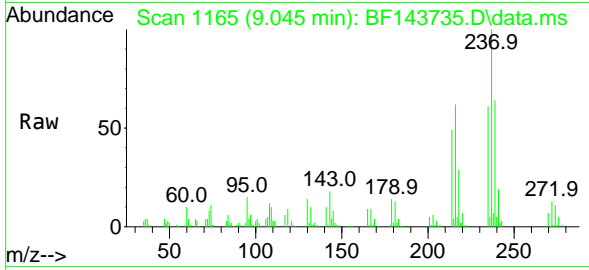
Tgt Ion:216 Resp: 91103
 Ion Ratio Lower Upper
 216 100
 214 78.0 63.2 94.8
 179 20.9 16.8 25.2
 108 16.8 13.0 19.6



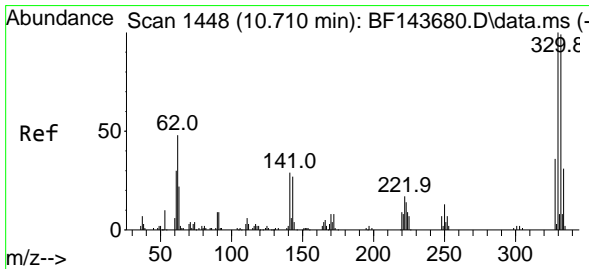
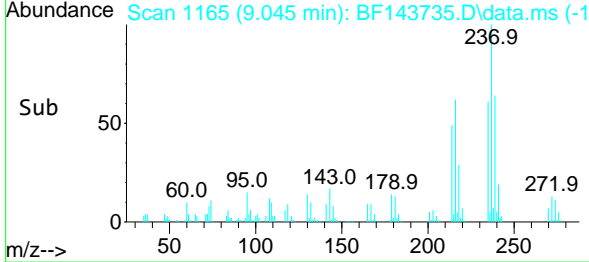
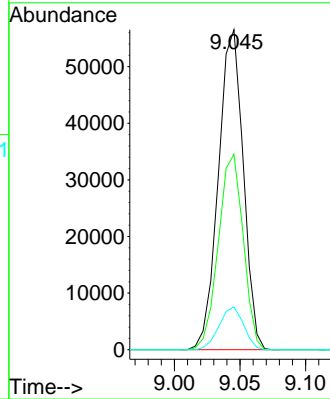


#41
 Hexachlorocyclopentadiene
 Concen: 84.860 ng
 RT: 9.045 min Scan# 1164
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

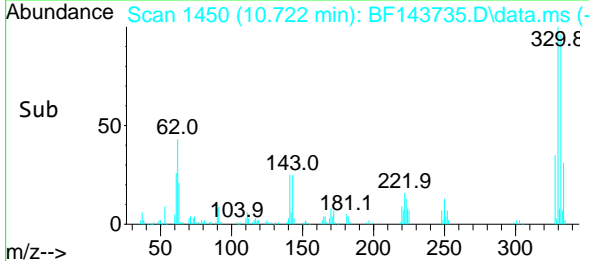
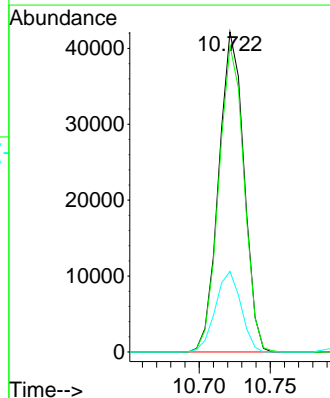
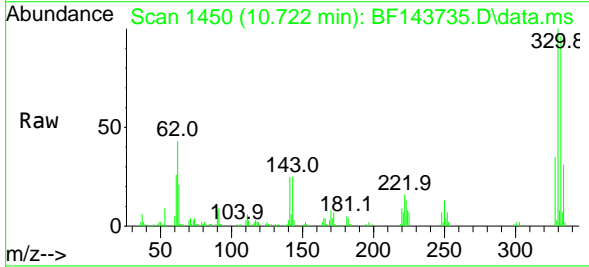


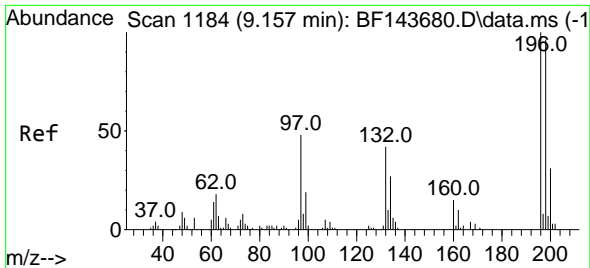
Tgt Ion:237 Resp: 74537
 Ion Ratio Lower Upper
 237 100
 235 61.0 41.6 81.6
 272 13.4 0.0 33.9



#42
 2,4,6-Tribromophenol
 Concen: 86.197 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:330 Resp: 51913
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.2 118.8
 141 25.5 22.2 33.4

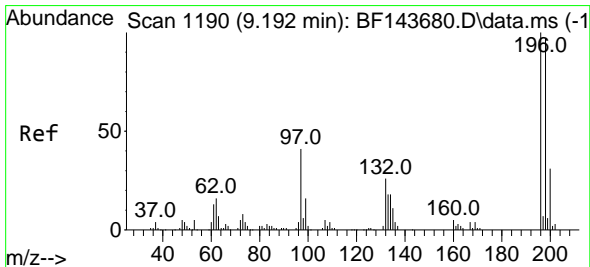
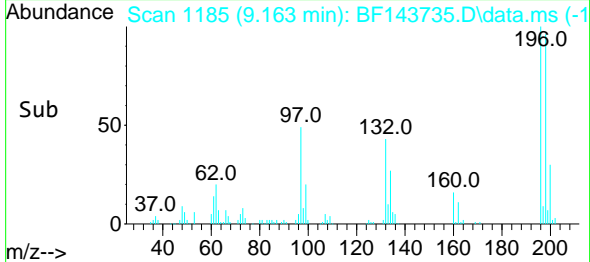
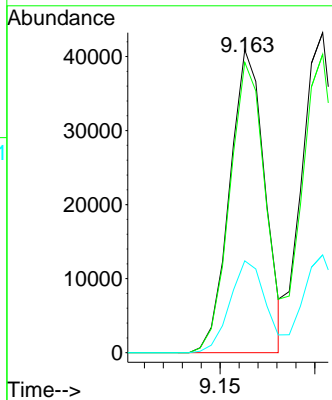
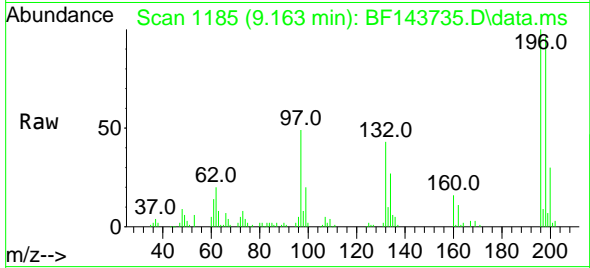




#43
 2,4,6-Trichlorophenol
 Concen: 46.078 ng
 RT: 9.163 min Scan# 1185
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

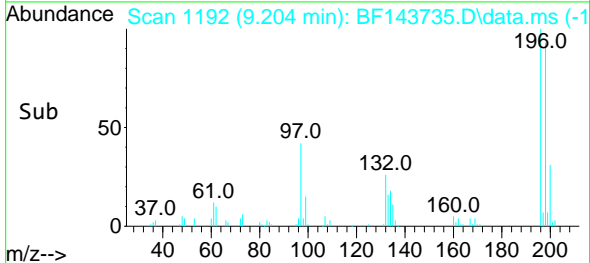
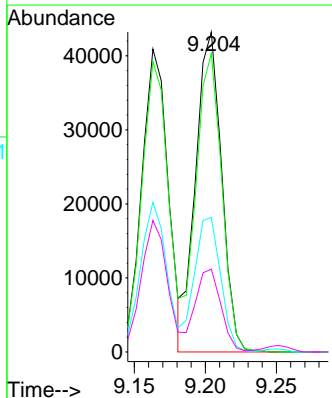
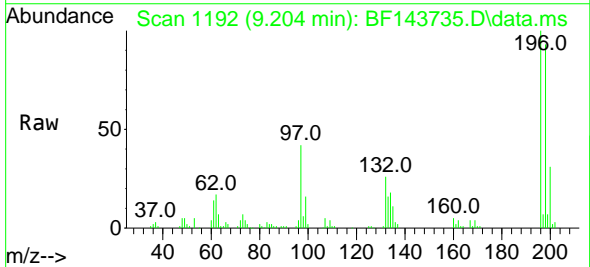
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

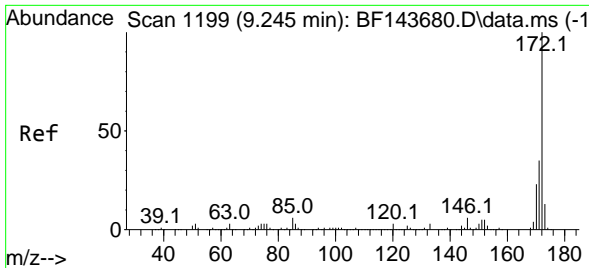
Tgt Ion:196 Resp: 52641
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.5 114.7
 200 30.3 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 47.339 ng
 RT: 9.204 min Scan# 1192
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:196 Resp: 54979
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.0 115.6
 97 42.1 34.2 51.4
 132 25.9 21.8 32.6



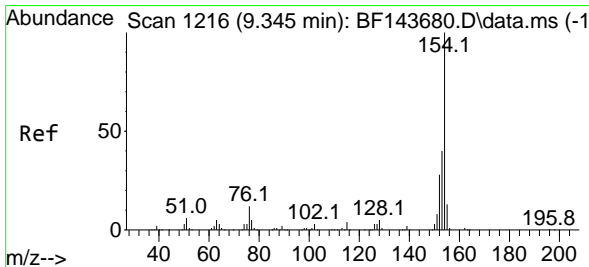
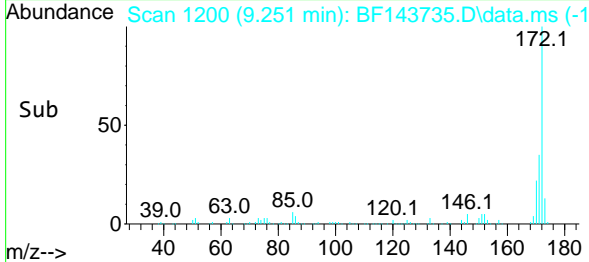
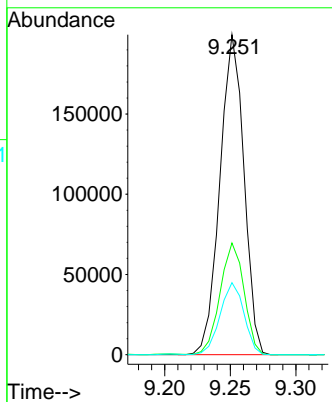
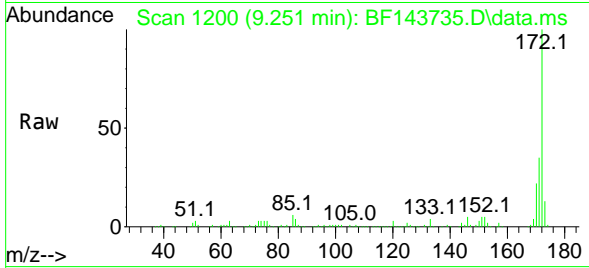


#45
 2-Fluorobiphenyl
 Concen: 64.186 ng
 RT: 9.251 min Scan# 1199
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:172 Resp: 253926

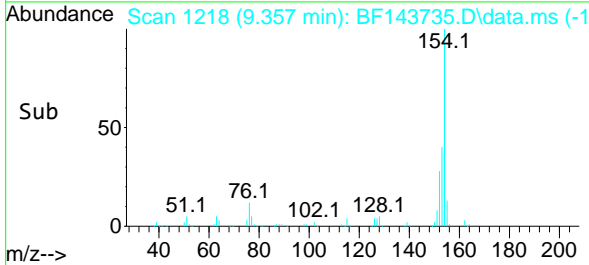
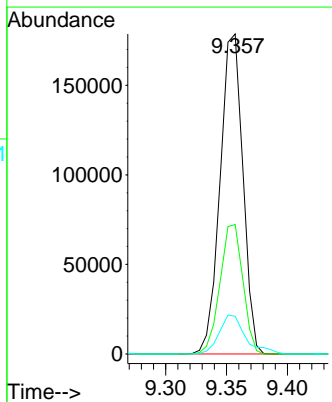
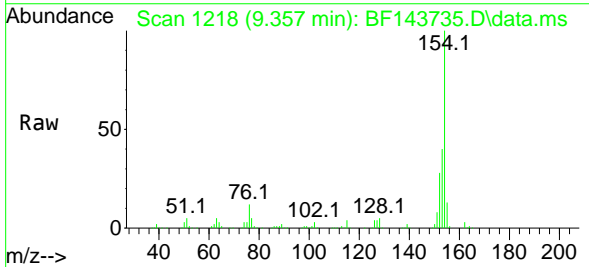
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100 | | |
| 171 | 34.9 | 27.9 | 41.9 |
| 170 | 22.5 | 18.6 | 27.8 |

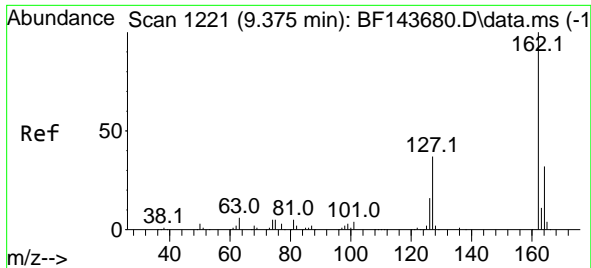


#46
 1,1'-Biphenyl
 Concen: 54.088 ng
 RT: 9.357 min Scan# 1218
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:154 Resp: 232703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 40.5 | 20.2 | 60.2 |
| 76 | 11.8 | 0.0 | 31.6 |



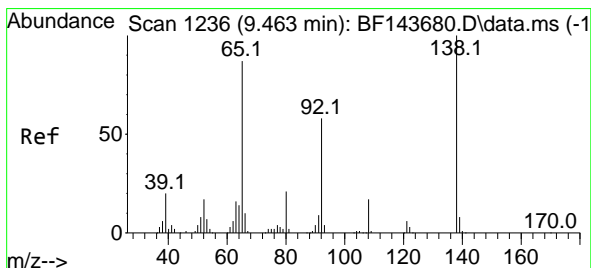
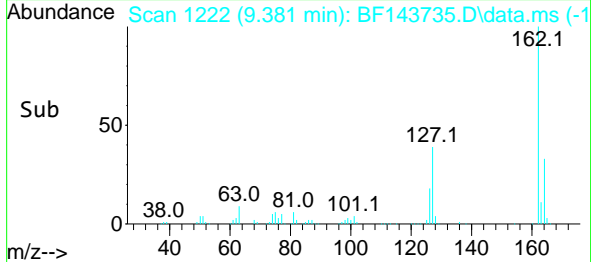
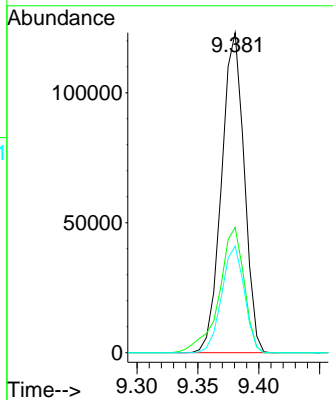
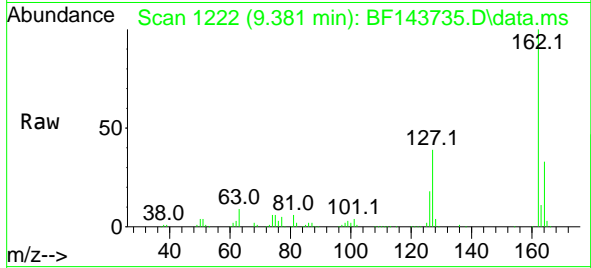


#47
 2-Chloronaphthalene
 Concen: 47.172 ng
 RT: 9.381 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:162 Resp: 159102

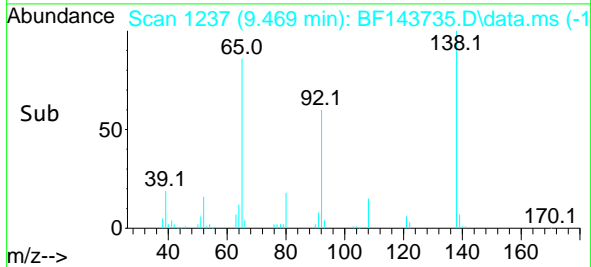
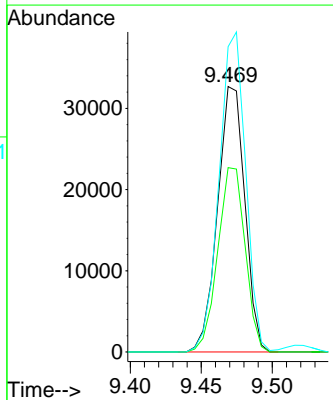
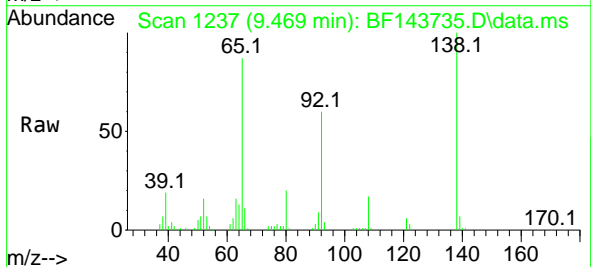
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 127 | 39.1 | 30.6 | 45.8 |
| 164 | 33.3 | 25.8 | 38.8 |

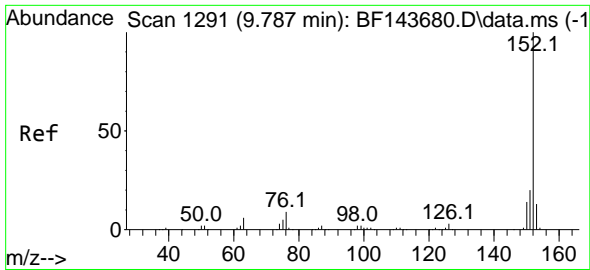


#48
 2-Nitroaniline
 Concen: 48.842 ng
 RT: 9.469 min Scan# 1237
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion: 65 Resp: 43595

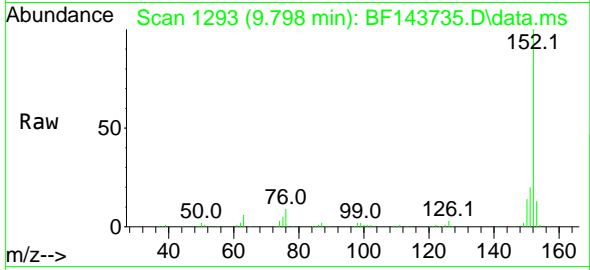
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65 | 100 | | |
| 92 | 69.5 | 53.3 | 79.9 |
| 138 | 115.0 | 92.1 | 138.1 |



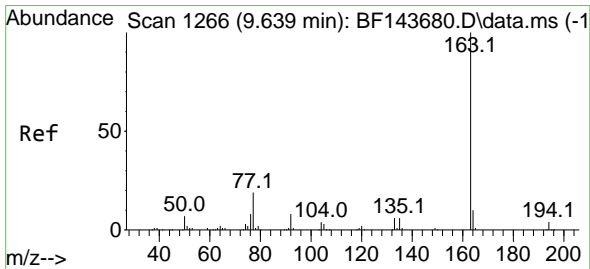
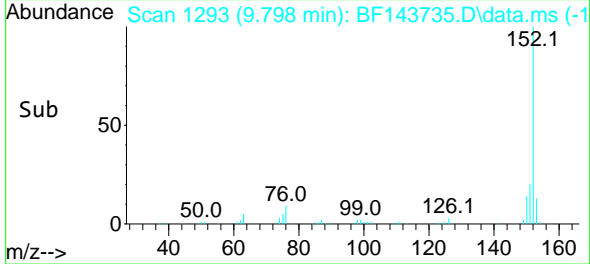
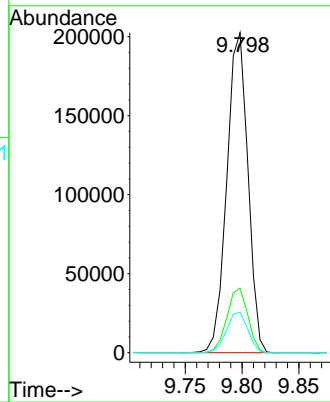


#49
 Acenaphthylene
 Concen: 54.048 ng
 RT: 9.798 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

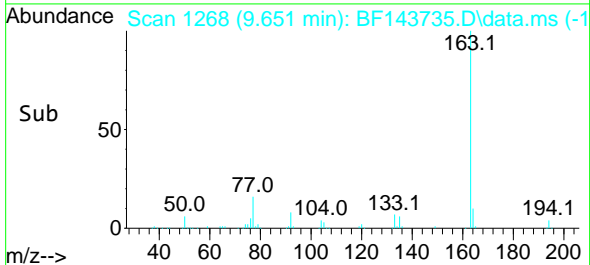
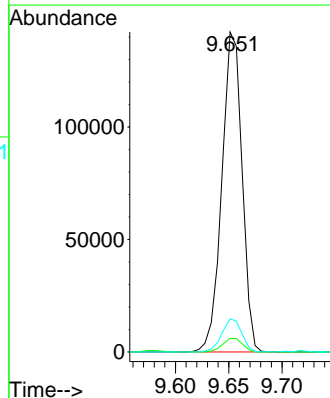
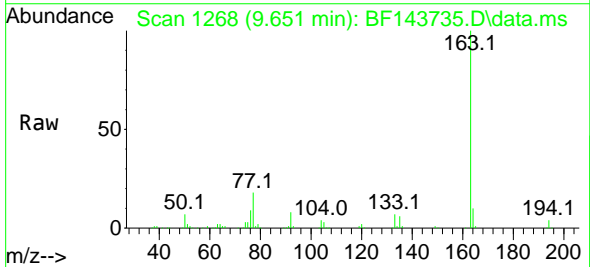


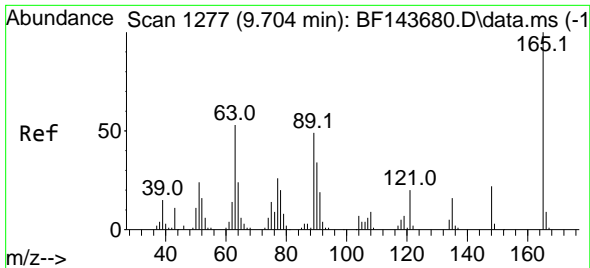
Tgt Ion:152 Resp: 261125
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 12.7 10.4 15.6



#50
 Dimethylphthalate
 Concen: 48.206 ng
 RT: 9.651 min Scan# 1268
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:163 Resp: 187436
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 10.4 8.0 12.0



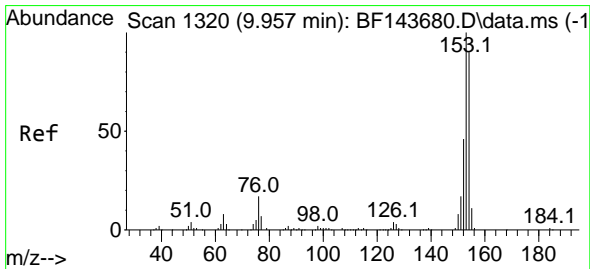
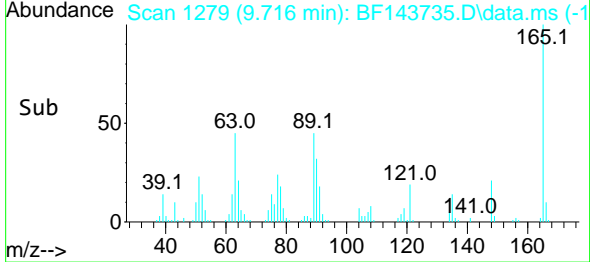
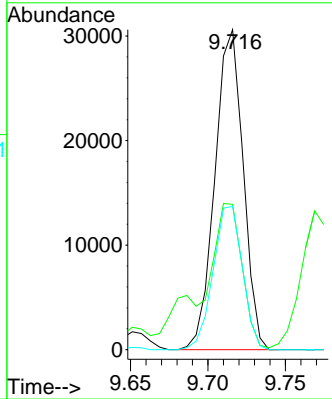
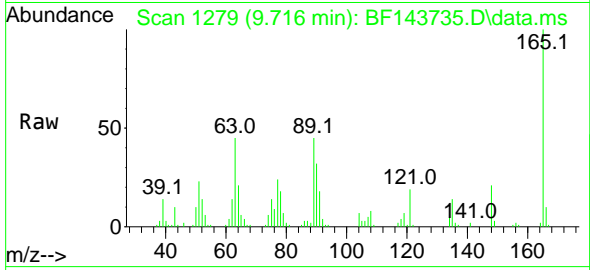


#51
 2,6-Dinitrotoluene
 Concen: 52.250 ng
 RT: 9.716 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:165 Resp: 38844

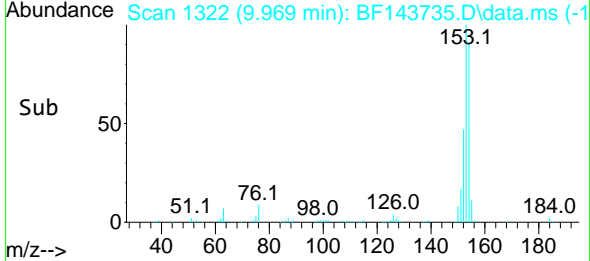
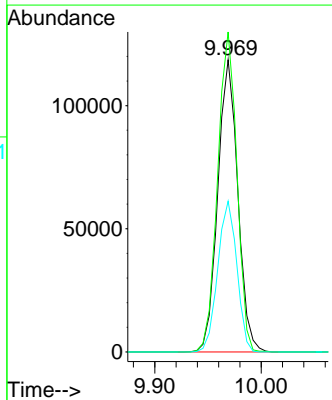
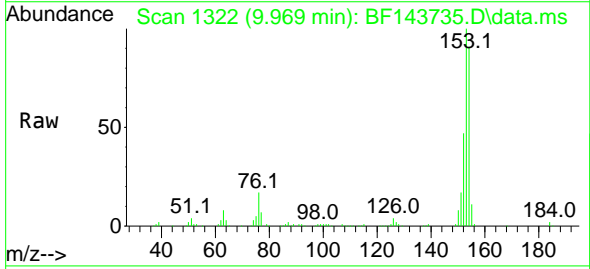
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100 | | |
| 63 | 45.4 | 42.2 | 63.4 |
| 89 | 44.8 | 39.3 | 58.9 |

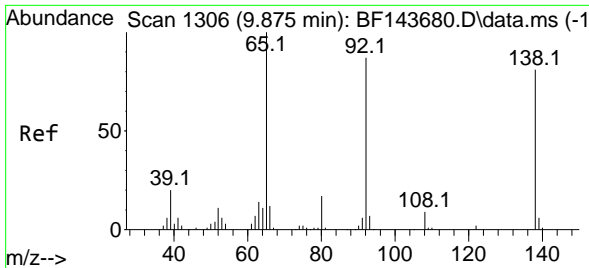


#52
 Acenaphthene
 Concen: 46.473 ng
 RT: 9.969 min Scan# 1322
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:154 Resp: 154721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 109.5 | 89.4 | 134.0 |
| 152 | 51.6 | 41.2 | 61.8 |



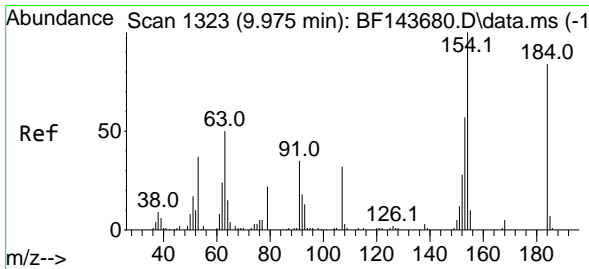
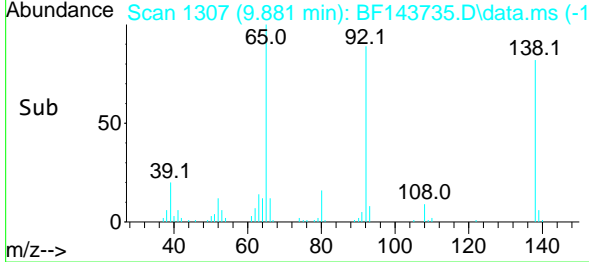
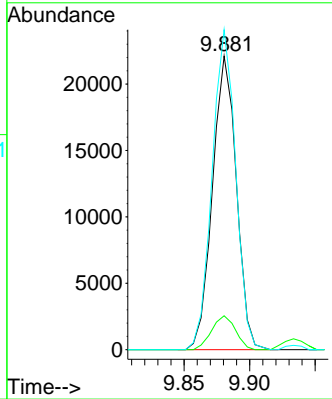
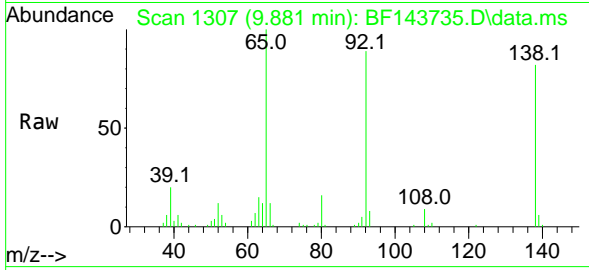


#53
 3-Nitroaniline
 Concen: 35.013 ng
 RT: 9.881 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

Tgt Ion:138 Resp: 28012

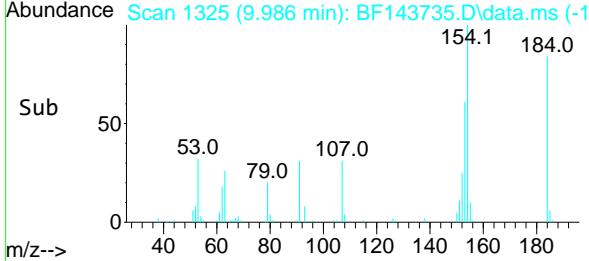
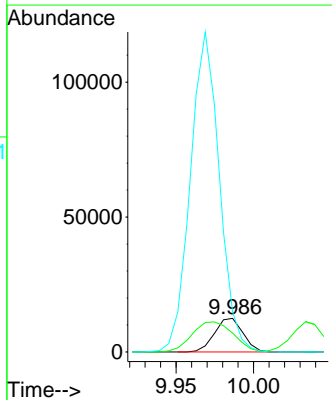
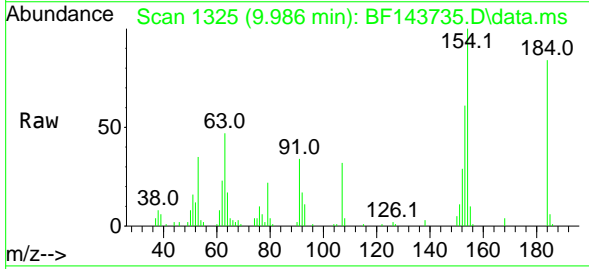
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100 | | |
| 108 | 11.6 | 8.6 | 12.8 |
| 92 | 109.0 | 85.5 | 128.3 |

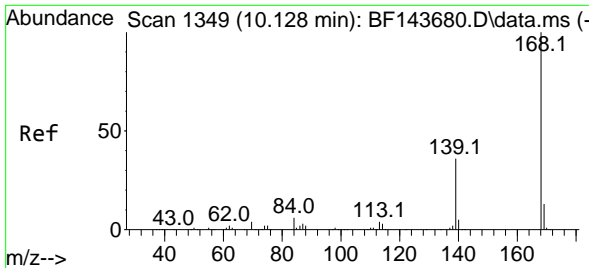


#54
 2,4-Dinitrophenol
 Concen: 42.554 ng
 RT: 9.986 min Scan# 1325
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:184 Resp: 15893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|--------|
| 184 | 100 | | |
| 63 | 56.4 | 52.7 | 79.1 |
| 154 | 118.8 | 136.6 | 204.8# |

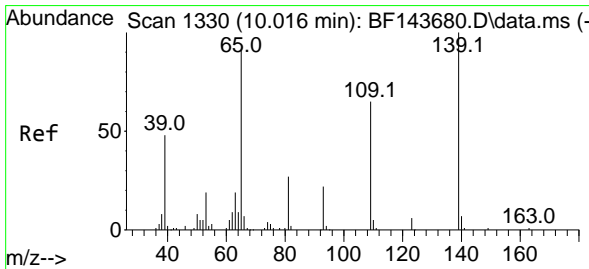
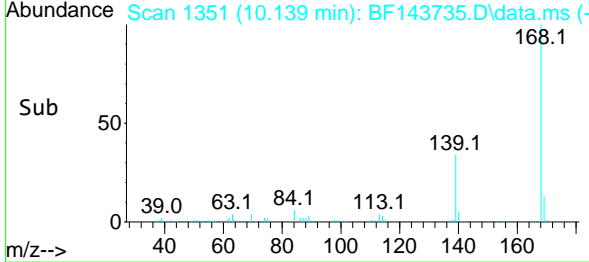
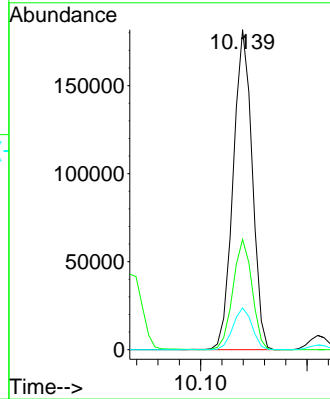
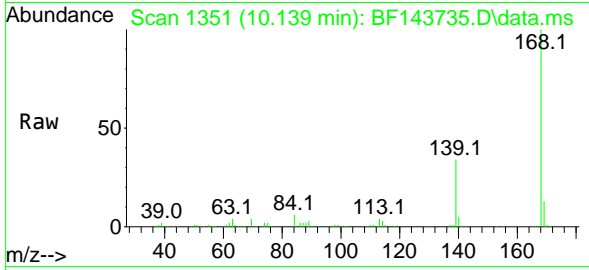




#55
 Dibenzofuran
 Concen: 47.060 ng
 RT: 10.139 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

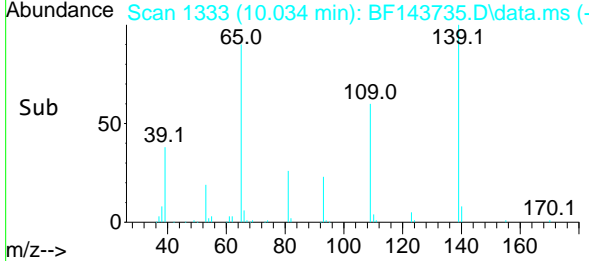
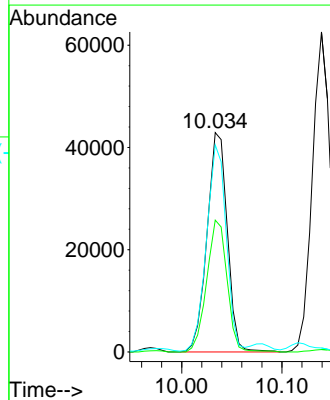
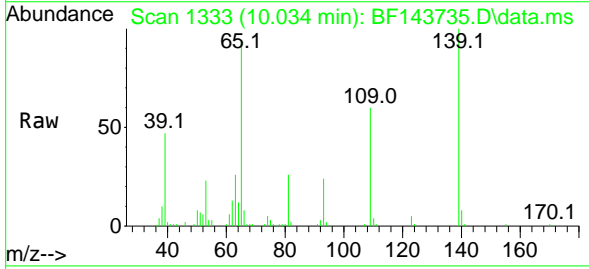
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

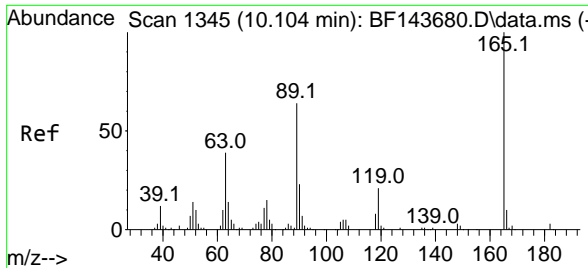
Tgt Ion:168 Resp: 225289
 Ion Ratio Lower Upper
 168 100
 139 34.4 29.0 43.4
 169 13.1 10.8 16.2



#56
 4-Nitrophenol
 Concen: 95.103 ng
 RT: 10.034 min Scan# 1333
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:139 Resp: 60532
 Ion Ratio Lower Upper
 139 100
 109 60.1 45.2 85.2
 65 94.4 72.1 112.1

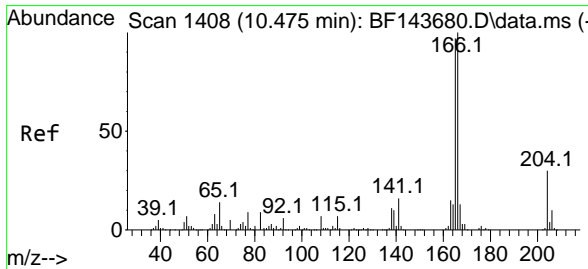
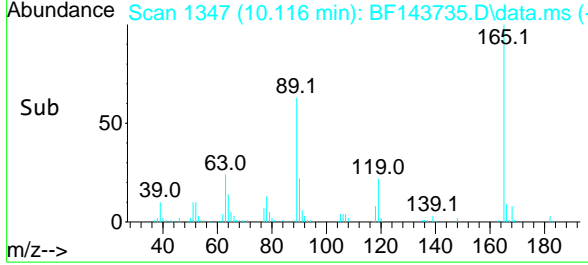
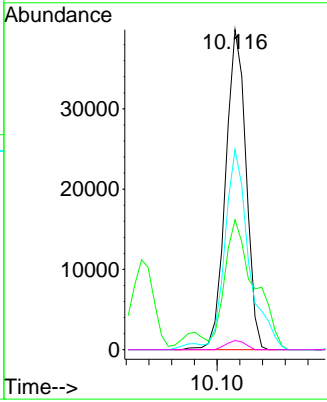
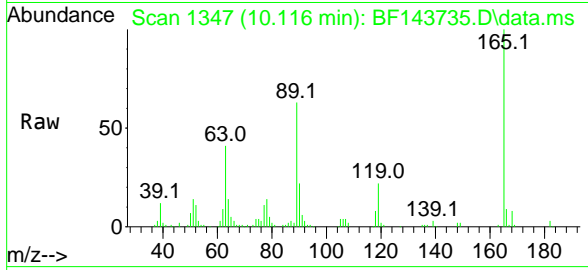




#57
 2,4-Dinitrotoluene
 Concen: 49.162 ng
 RT: 10.116 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

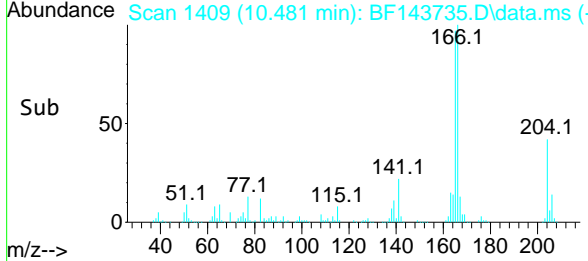
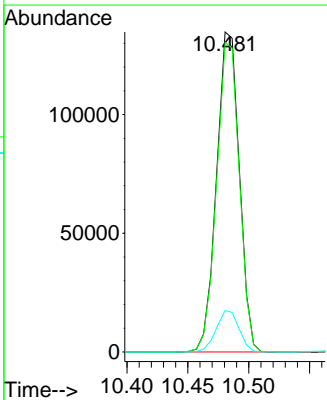
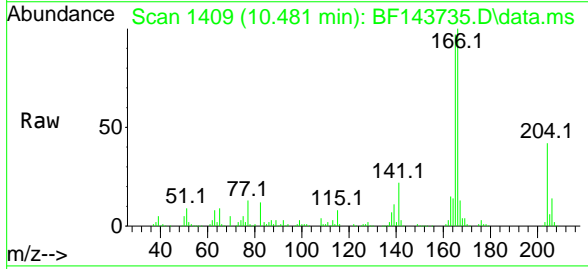
Instrument : BNA_F
 Client SampleID : WC-31MSD

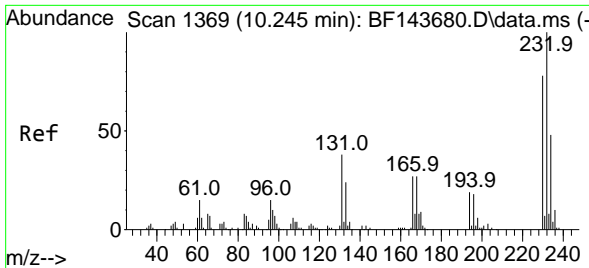
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 165 | 49742 | | |
| 165 | 100 | | |
| 63 | 40.6 | 31.5 | 47.3 |
| 89 | 62.6 | 51.3 | 76.9 |
| 182 | 2.9 | 2.2 | 3.4 |



#58
 Fluorene
 Concen: 46.757 ng
 RT: 10.481 min Scan# 1409
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

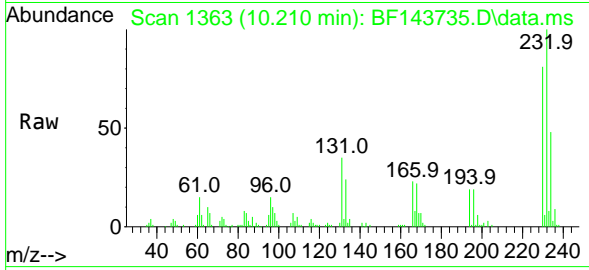
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 166 | 175220 | | |
| 166 | 100 | | |
| 165 | 96.7 | 77.5 | 116.3 |
| 167 | 12.9 | 10.2 | 15.2 |



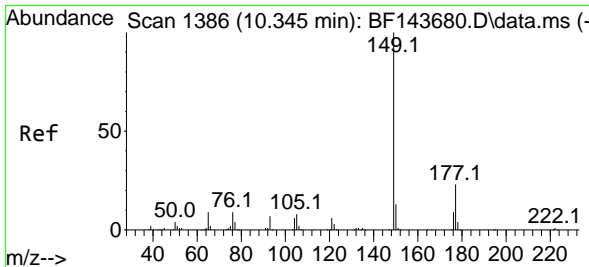
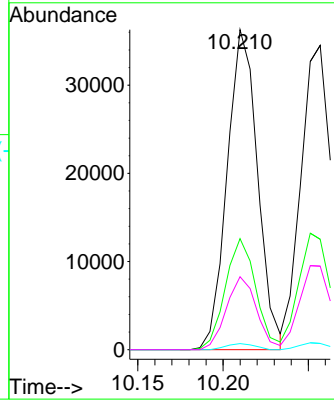
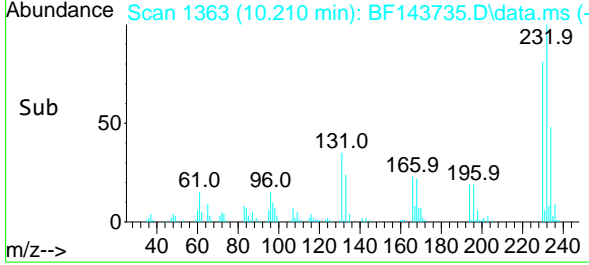


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.918 ng
 RT: 10.210 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

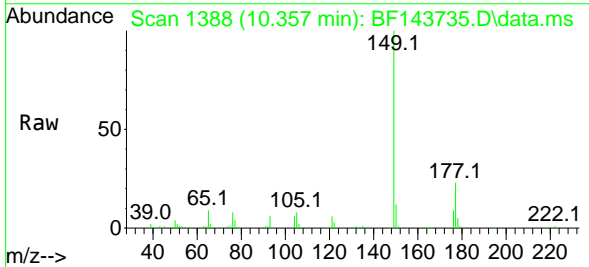
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



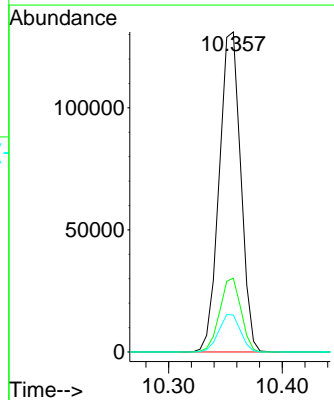
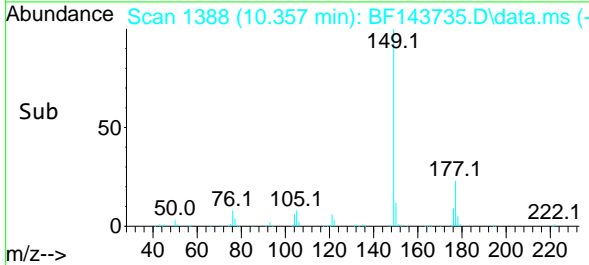
Tgt Ion:232 Resp: 45125
 Ion Ratio Lower Upper
 232 100
 131 35.0 31.9 47.9
 130 1.8 1.4 2.0
 166 22.7 22.0 33.0

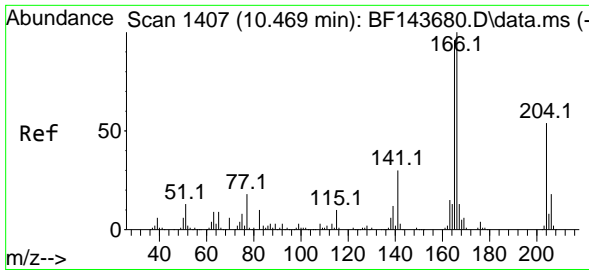


#60
 Diethylphthalate
 Concen: 47.224 ng
 RT: 10.357 min Scan# 1388
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion:149 Resp: 172387
 Ion Ratio Lower Upper
 149 100
 177 23.0 18.2 27.2
 150 11.6 10.0 15.0

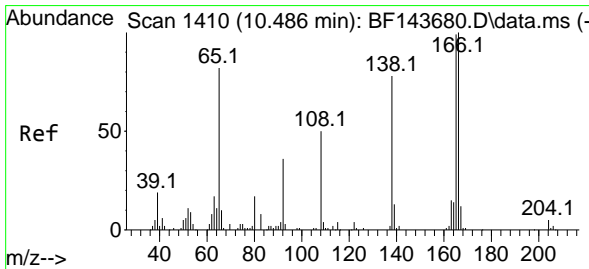
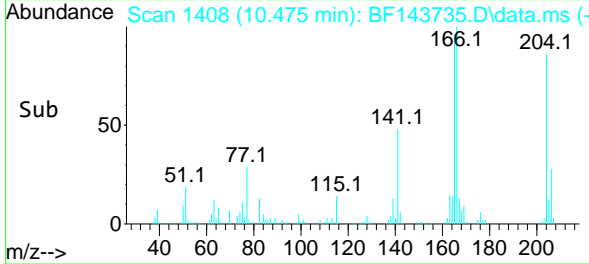
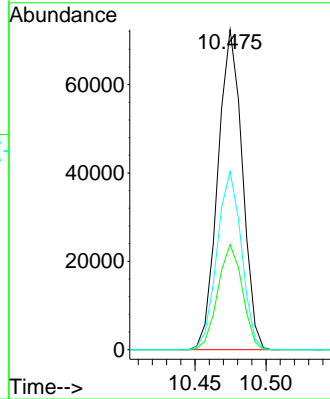
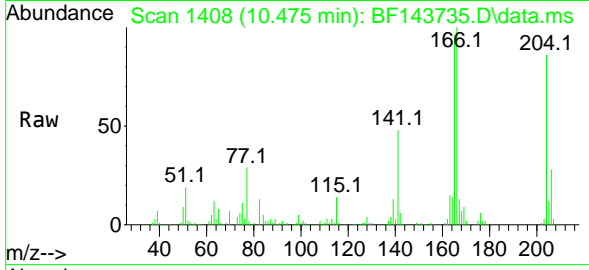




#61
 4-Chlorophenyl-phenylether
 Concen: 45.582 ng
 RT: 10.475 min Scan# 1408
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

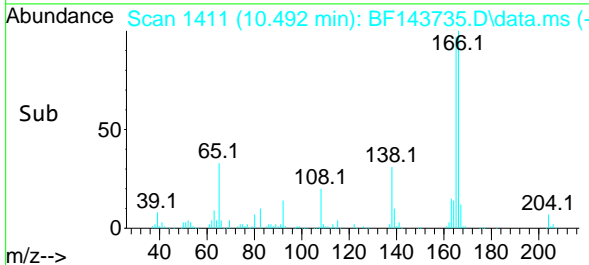
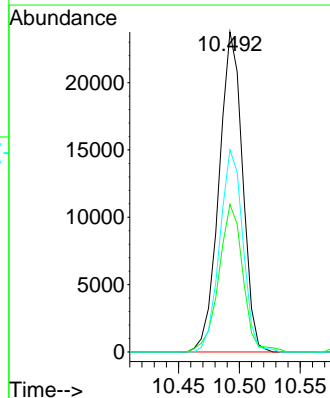
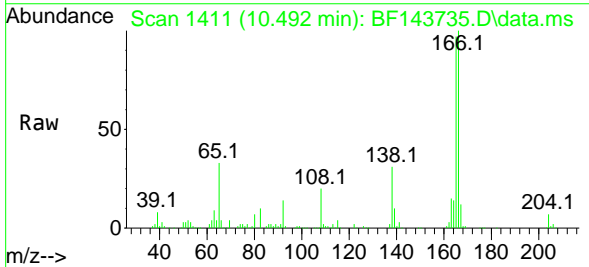
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

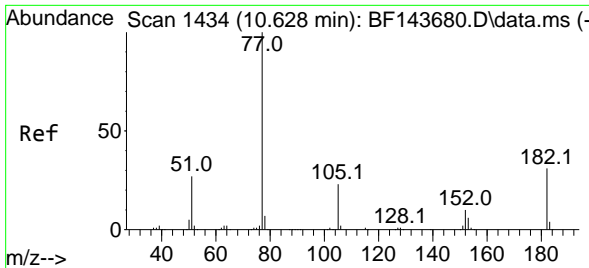
Tgt Ion:204 Resp: 86631
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.0 39.0
 141 55.7 44.8 67.2



#62
 4-Nitroaniline
 Concen: 42.118 ng
 RT: 10.492 min Scan# 1411
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

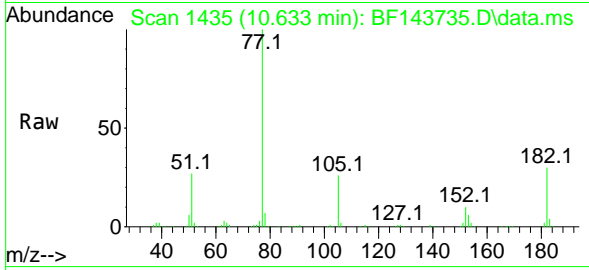
Tgt Ion:138 Resp: 31914
 Ion Ratio Lower Upper
 138 100
 92 46.1 26.4 66.4
 108 63.2 44.3 84.3





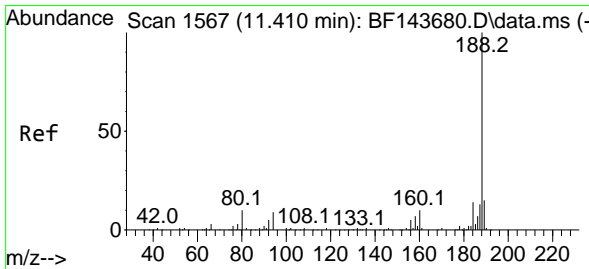
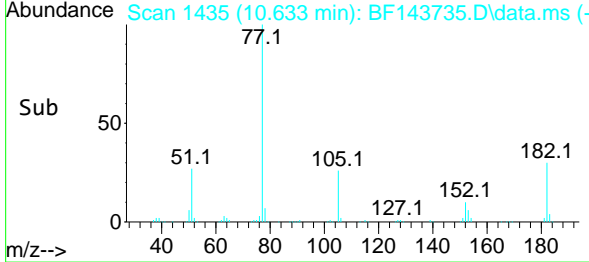
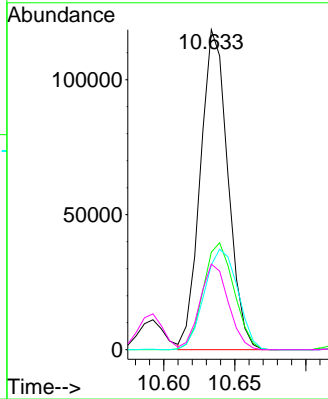
#63
 Azobenzene
 Concen: 49.562 ng
 RT: 10.633 min Scan# 1435
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



Tgt Ion: 77 Resp: 159943

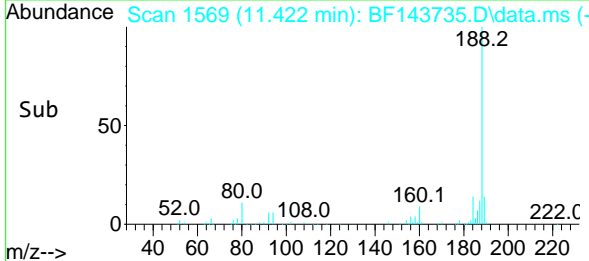
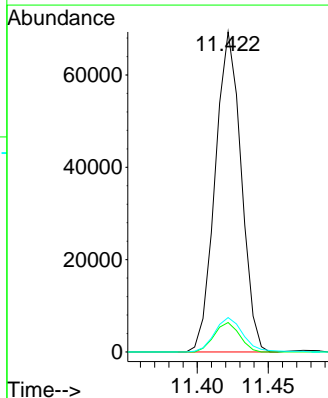
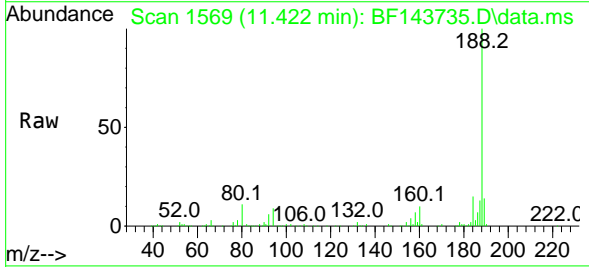
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 182 | 30.4 | 10.8 | 50.8 |
| 105 | 26.5 | 3.2 | 43.2 |
| 51 | 26.8 | 7.7 | 47.7 |

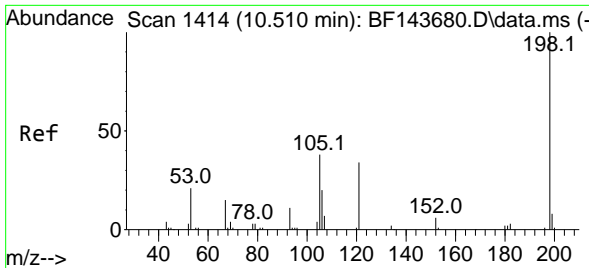


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion: 188 Resp: 88100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100 | | |
| 94 | 9.2 | 7.4 | 11.0 |
| 80 | 10.7 | 7.7 | 11.5 |

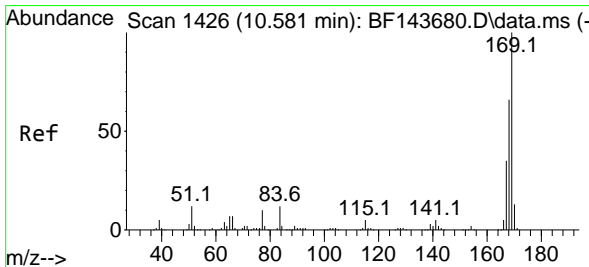
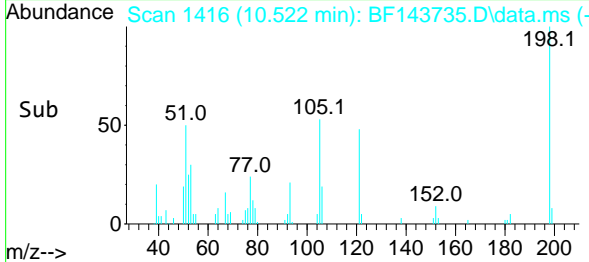
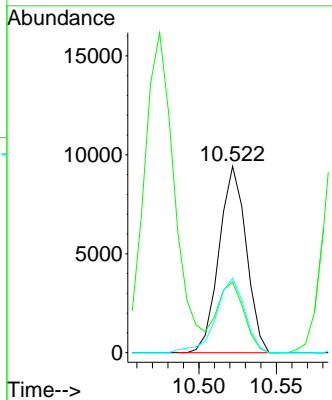
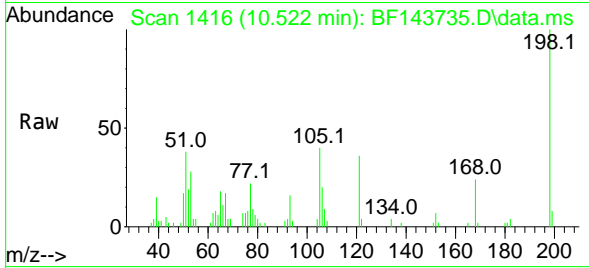




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.531 ng
 RT: 10.522 min Scan# 1416
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

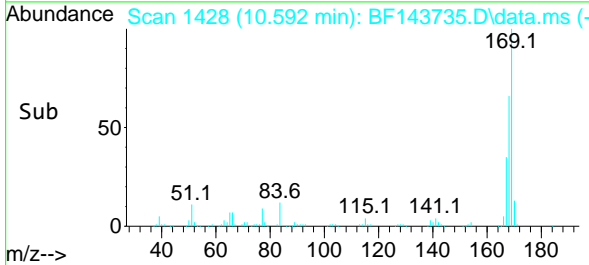
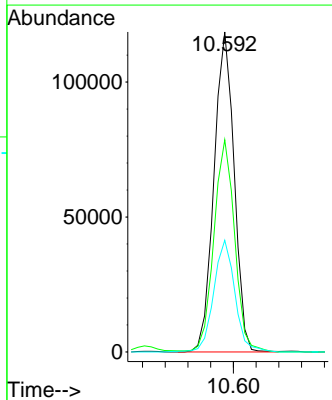
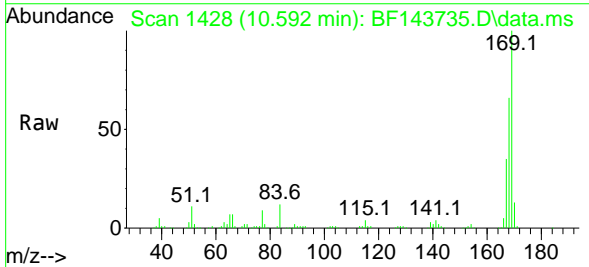
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

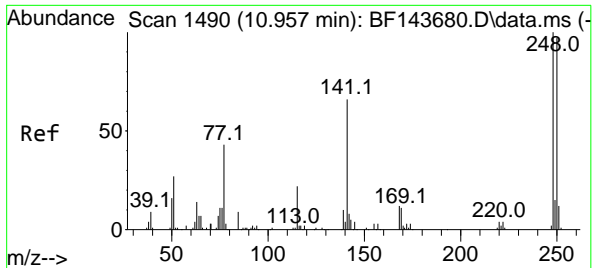
Tgt Ion:198 Resp: 11452
 Ion Ratio Lower Upper
 198 100
 51 38.0 21.2 61.2
 105 40.0 19.0 59.0



#66
 n-Nitrosodiphenylamine
 Concen: 50.703 ng
 RT: 10.592 min Scan# 1428
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:169 Resp: 146336
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.0 79.6
 167 34.9 28.1 42.1



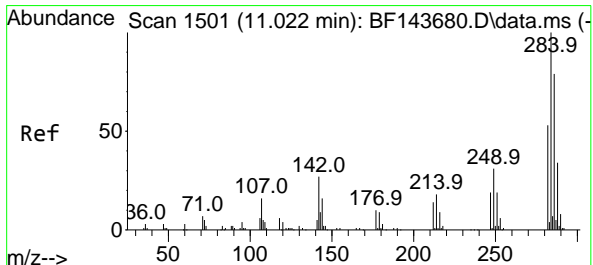
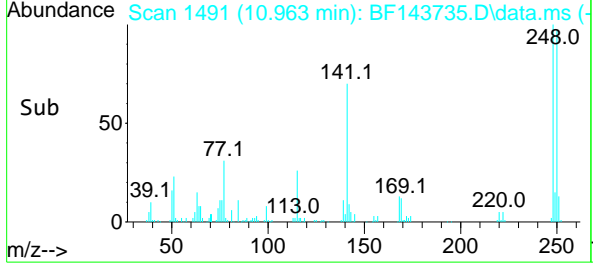
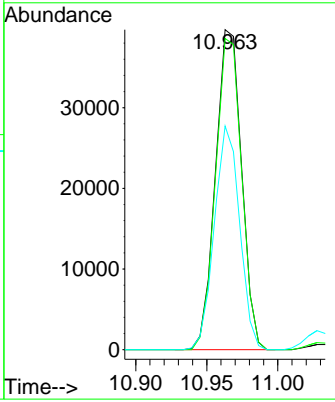
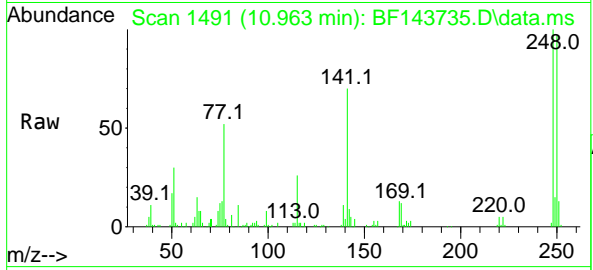


#67
 4-Bromophenyl-phenylether
 Concen: 47.665 ng
 RT: 10.963 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

Tgt Ion:248 Resp: 50640

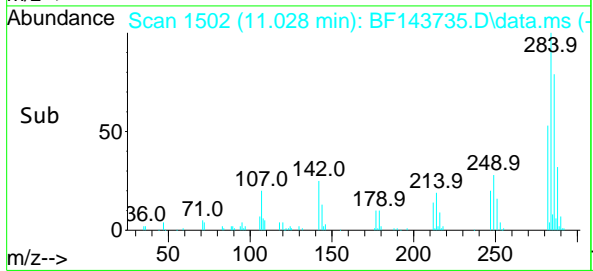
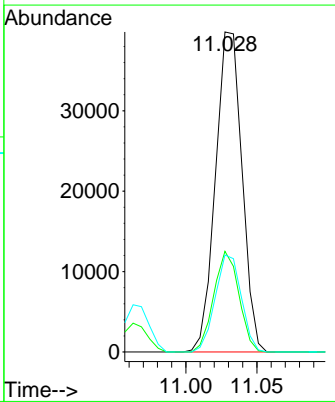
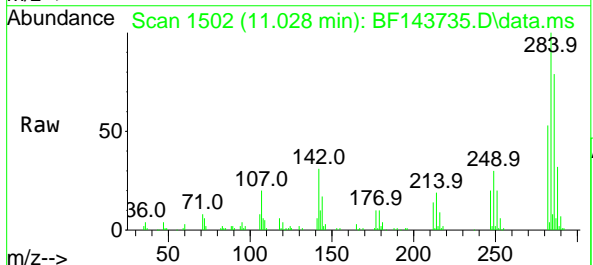
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100 | | |
| 250 | 97.3 | 77.5 | 116.3 |
| 141 | 69.9 | 52.6 | 79.0 |

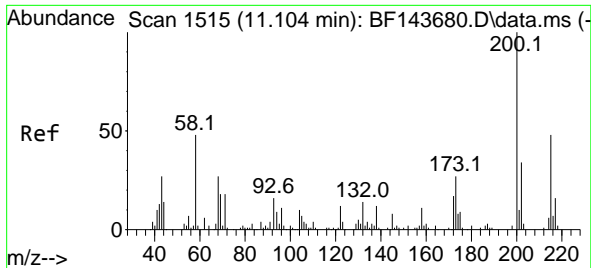


#68
 Hexachlorobenzene
 Concen: 46.038 ng
 RT: 11.028 min Scan# 1502
 Delta R.T. 0.006 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:284 Resp: 51645

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100 | | |
| 142 | 31.4 | 21.3 | 31.9 |
| 249 | 30.3 | 25.0 | 37.4 |

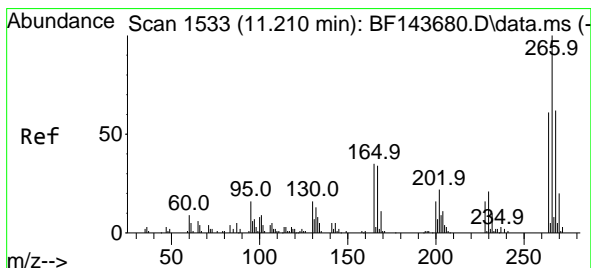
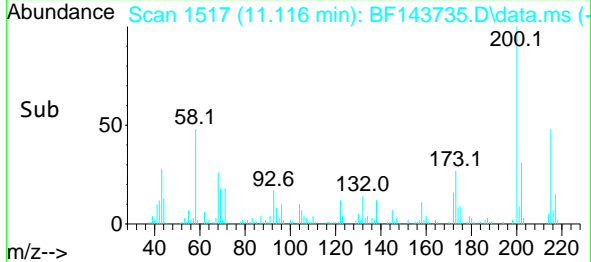
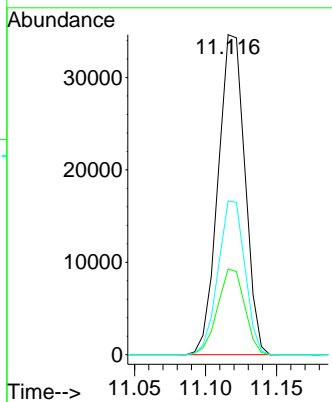
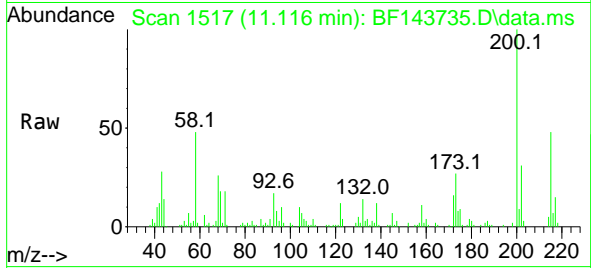




#69
 Atrazine
 Concen: 50.387 ng
 RT: 11.116 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

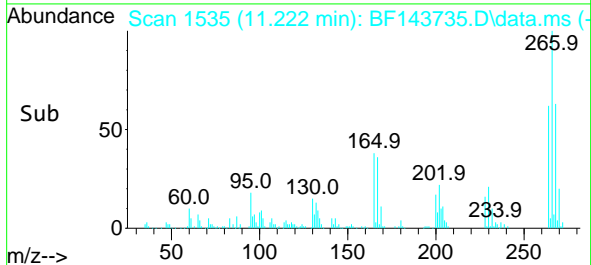
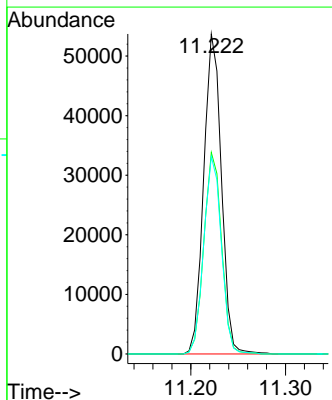
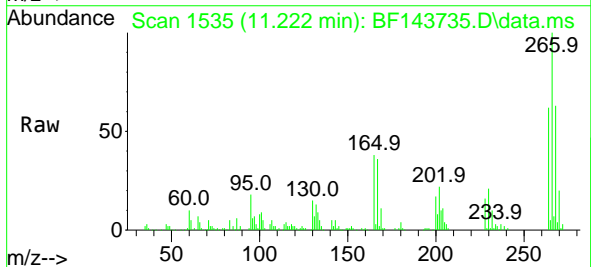
Instrument :
 BNA_F
 Client Sample Id :
 WC-31MSD

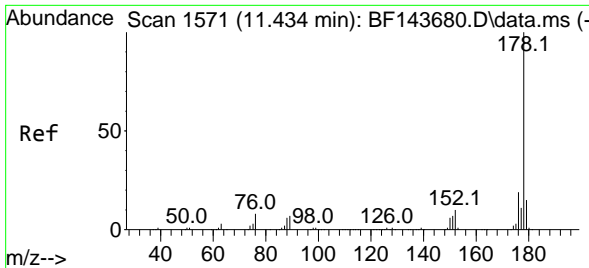
Tgt Ion:200 Resp: 45597
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.3 47.3
 215 48.0 28.5 68.5



#70
 Pentachlorophenol
 Concen: 102.476 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:266 Resp: 69492
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.2 73.8
 264 61.6 48.6 73.0



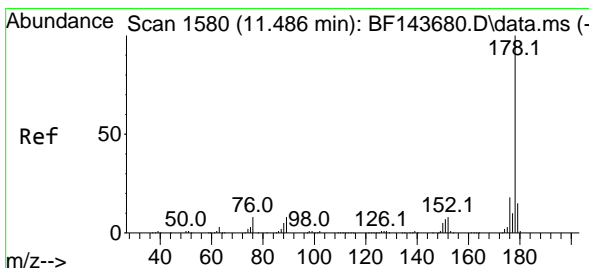
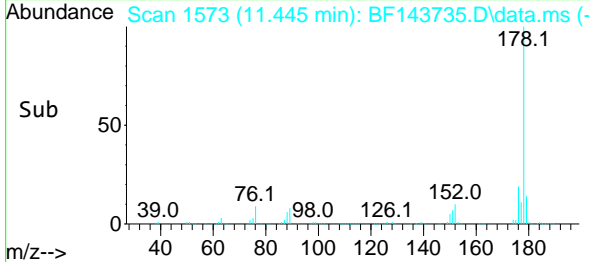
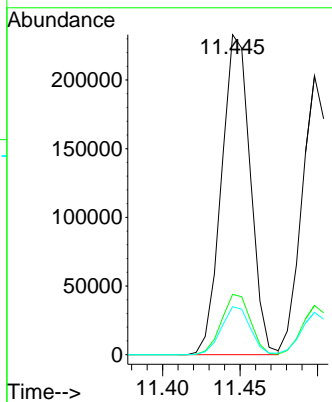
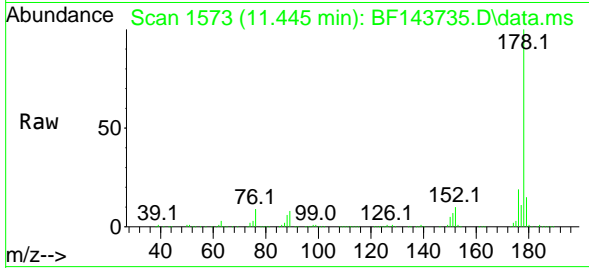


#71
 Phenanthrene
 Concen: 62.116 ng
 RT: 11.445 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

Tgt Ion:178 Resp: 301520

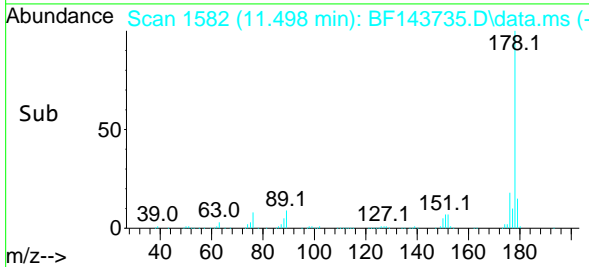
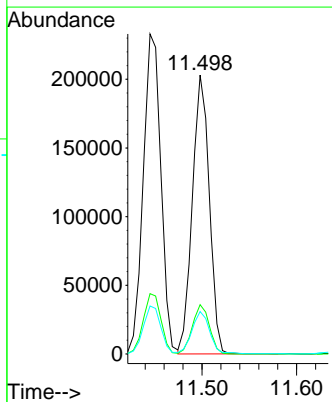
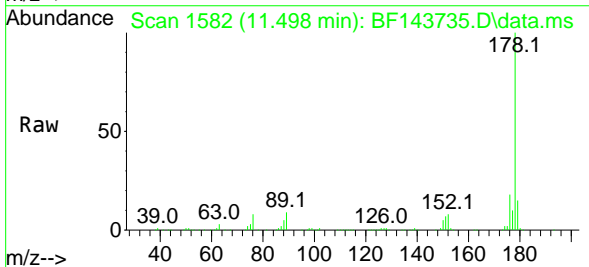
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.0 | 12.2 | 18.2 |

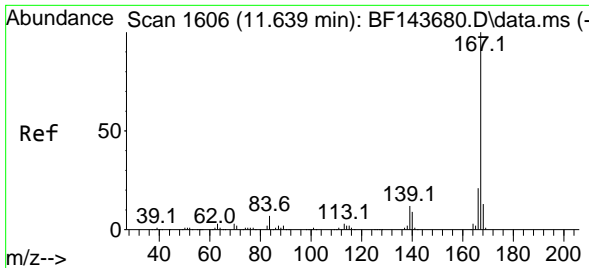


#72
 Anthracene
 Concen: 51.777 ng
 RT: 11.498 min Scan# 1582
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:178 Resp: 252719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 17.7 | 14.5 | 21.7 |
| 179 | 15.2 | 12.2 | 18.2 |

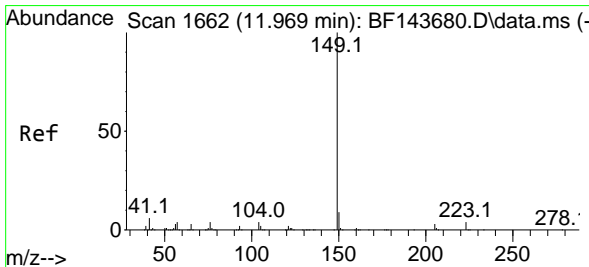
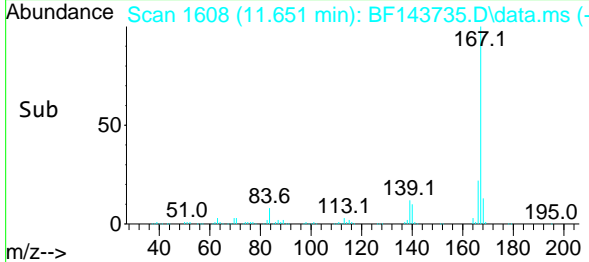
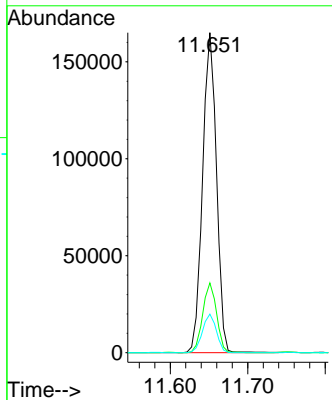
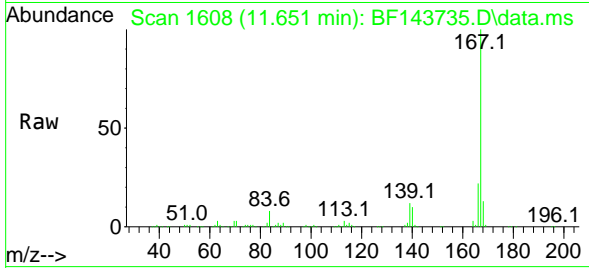




#73
 Carbazole
 Concen: 51.330 ng
 RT: 11.651 min Scan# 1
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

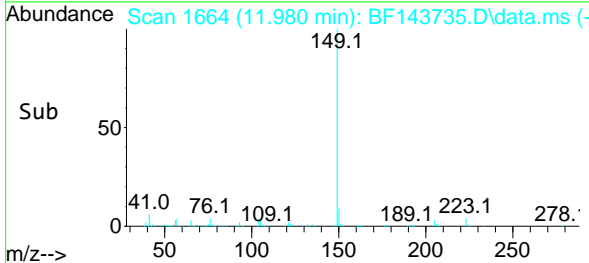
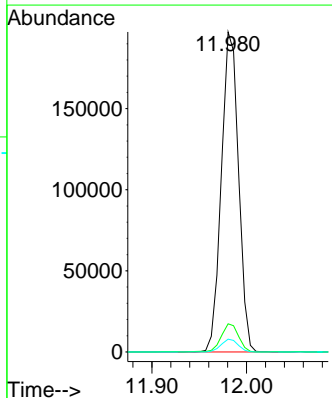
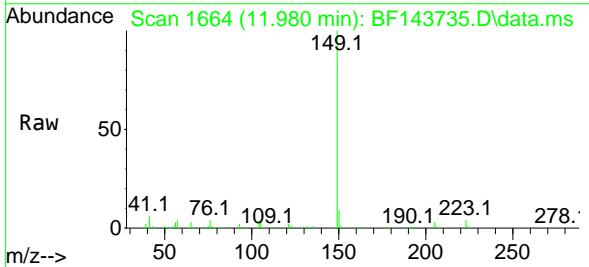
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

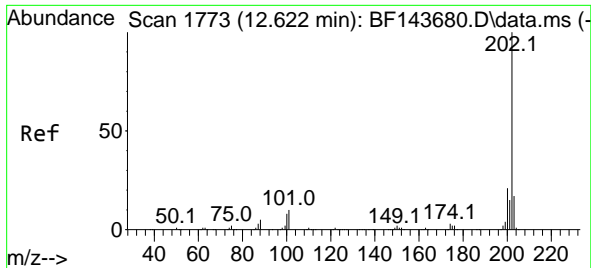
Tgt Ion:167 Resp: 205181
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 12.0 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 51.786 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:149 Resp: 249221
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.0 3.3 4.9



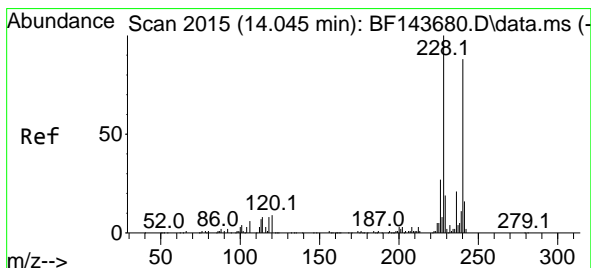
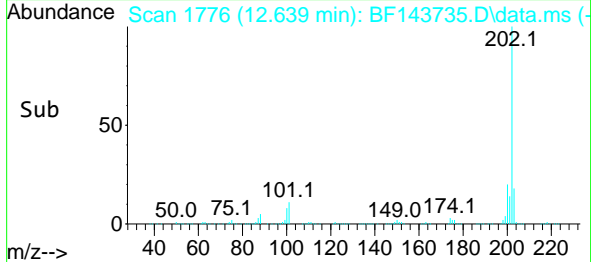
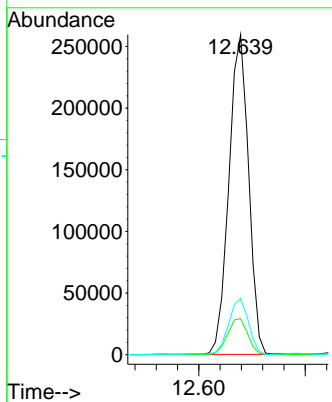
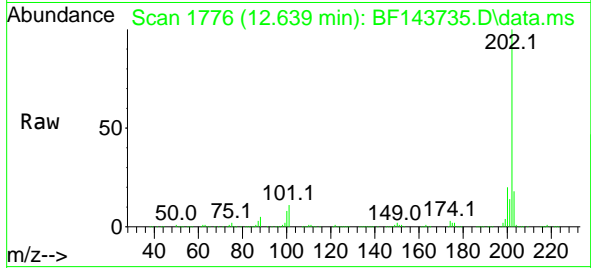


#75
 Fluoranthene
 Concen: 74.859 ng
 RT: 12.639 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:202 Resp: 333587

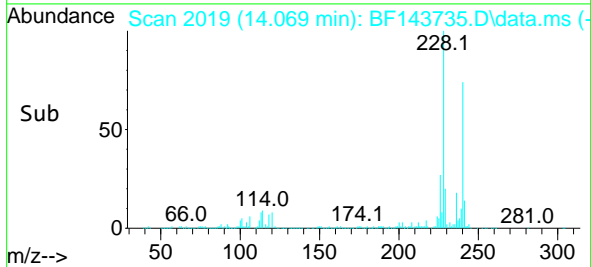
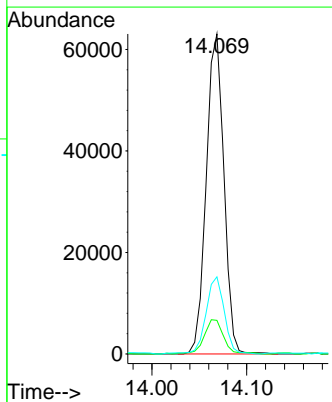
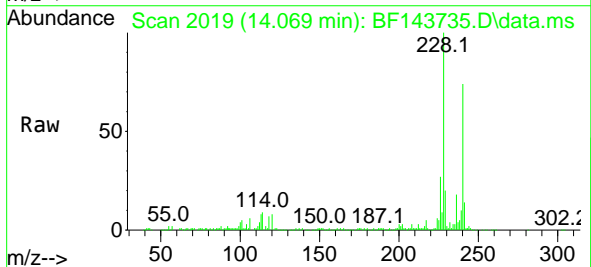
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100 | | |
| 101 | 11.3 | 0.0 | 30.5 |
| 203 | 17.5 | 0.0 | 37.1 |

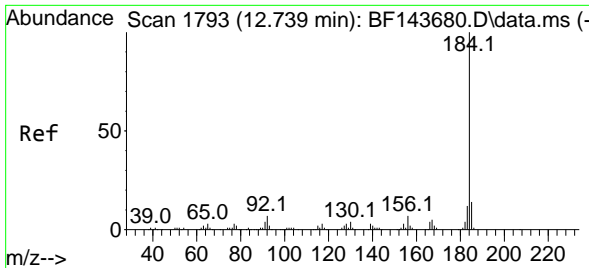


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.069 min Scan# 2019
 Delta R.T. 0.023 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:240 Resp: 81490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100 | | |
| 120 | 10.5 | 8.4 | 12.6 |
| 236 | 24.1 | 18.6 | 28.0 |

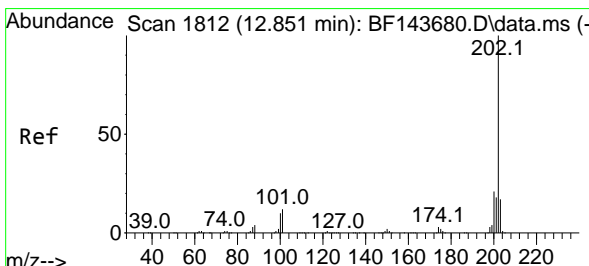
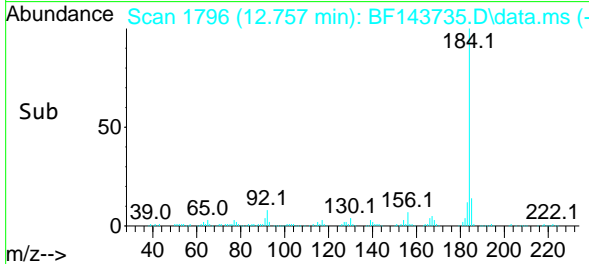
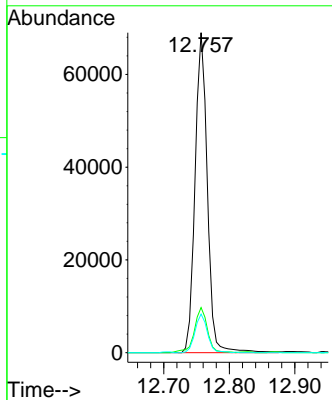
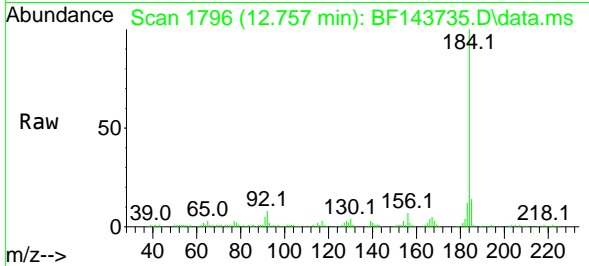




#77
 Benzidine
 Concen: 33.880 ng
 RT: 12.757 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

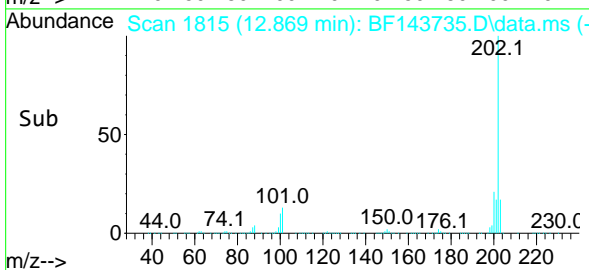
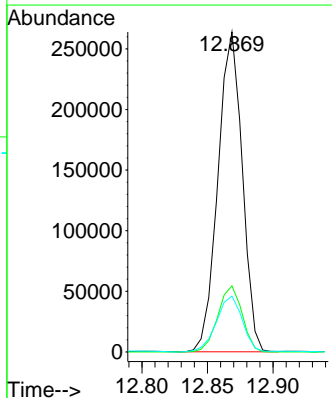
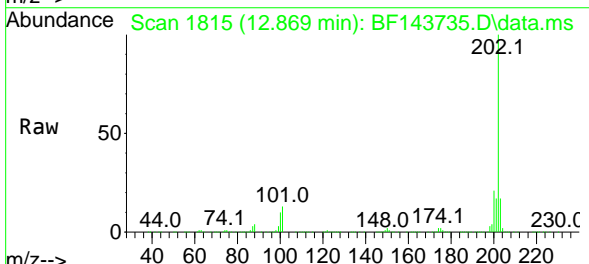
Instrument : BNA_F
 ClientSampleId : WC-31MSD

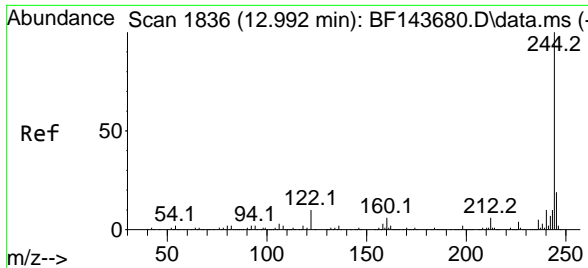
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 184 | 100 | | |
| 185 | 14.1 | 11.5 | 17.3 |
| 183 | 12.0 | 9.4 | 14.2 |



#78
 Pyrene
 Concen: 52.116 ng
 RT: 12.869 min Scan# 1815
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 200 | 20.6 | 16.6 | 24.8 |
| 203 | 17.4 | 13.5 | 20.3 |



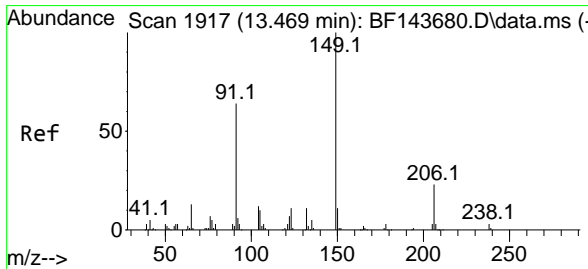
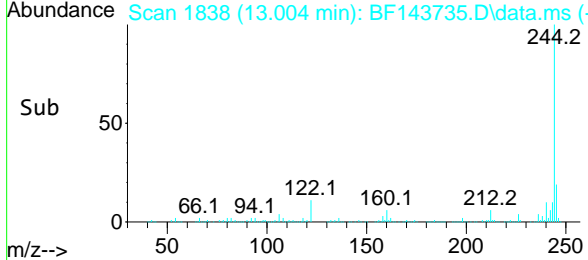
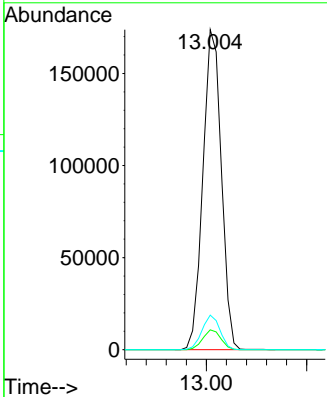
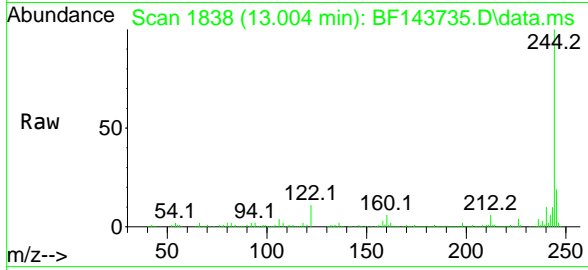


#79
 Terphenyl-d14
 Concen: 44.155 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.012 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument : BNA_F
 ClientSampleId : WC-31MSD

Tgt Ion:244 Resp: 222041

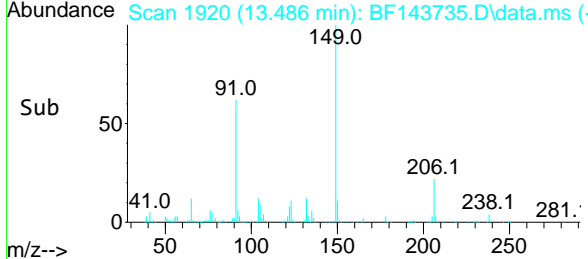
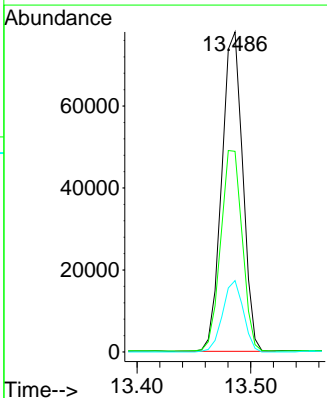
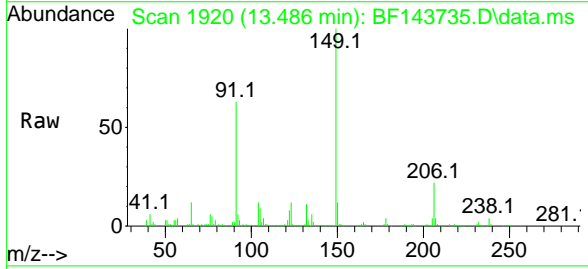
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100 | | |
| 212 | 6.2 | 5.0 | 7.6 |
| 122 | 10.8 | 7.9 | 11.9 |

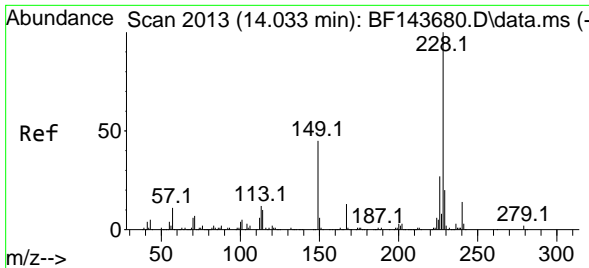


#80
 Butylbenzylphthalate
 Concen: 48.929 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:149 Resp: 99885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 91 | 62.7 | 50.9 | 76.3 |
| 206 | 22.3 | 18.2 | 27.2 |



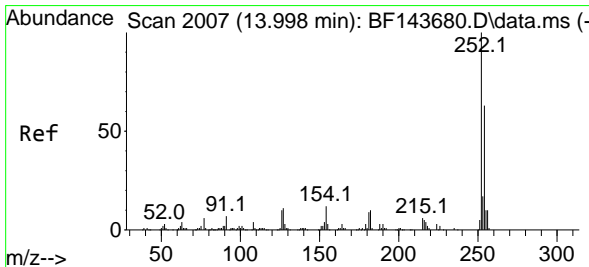
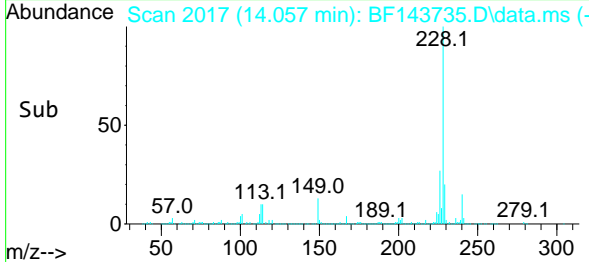
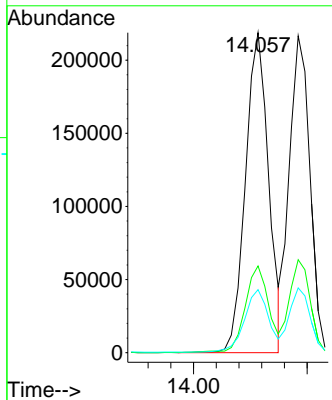
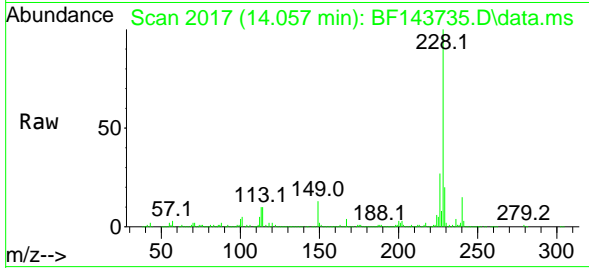


#81
 Benzo(a)anthracene
 Concen: 59.114 ng
 RT: 14.057 min Scan# 2010
 Delta R.T. 0.023 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:228 Resp: 309910

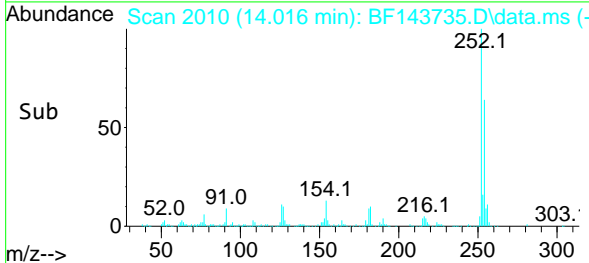
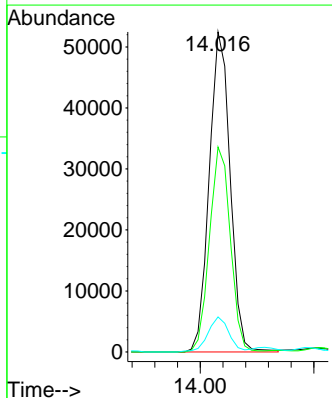
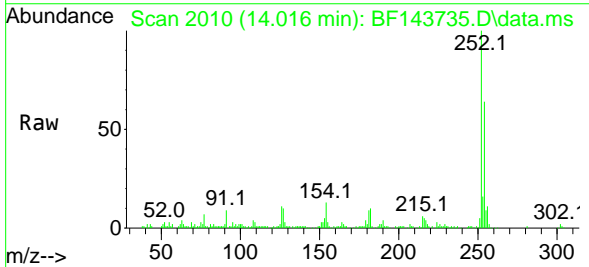
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 27.1 | 21.6 | 32.4 |
| 229 | 19.7 | 15.7 | 23.5 |

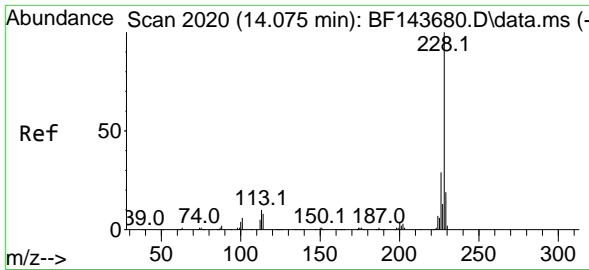


#82
 3,3'-Dichlorobenzidine
 Concen: 41.590 ng
 RT: 14.016 min Scan# 2010
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:252 Resp: 67079

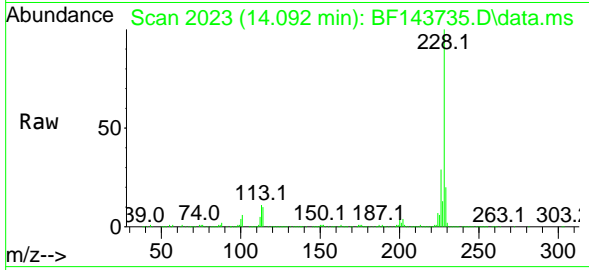
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 254 | 64.0 | 50.5 | 75.7 |
| 126 | 10.9 | 8.2 | 12.4 |



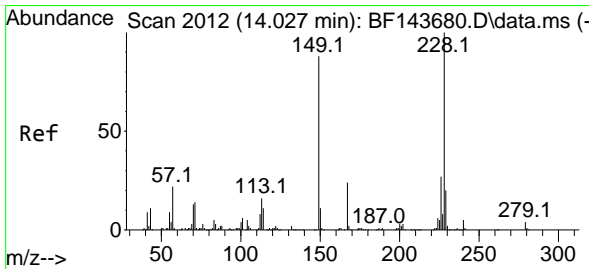
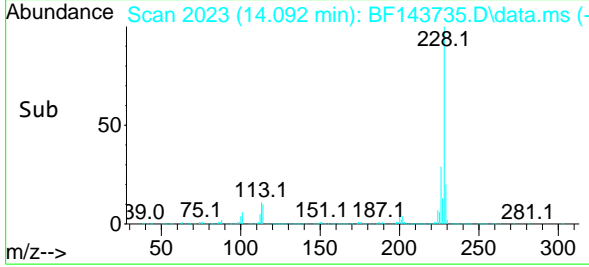
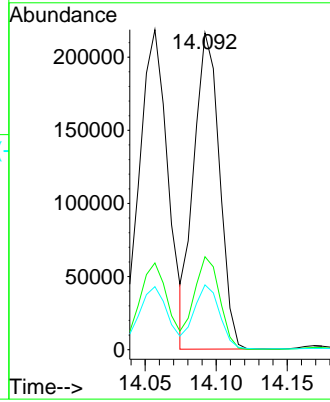


#83
 Chrysene
 Concen: 56.534 ng
 RT: 14.092 min Scan# 2015
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

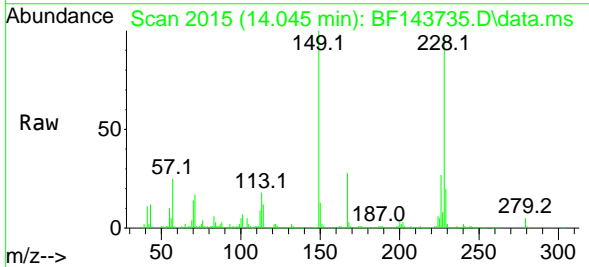
Instrument : BNA_F
 ClientSampleId : WC-31MSD



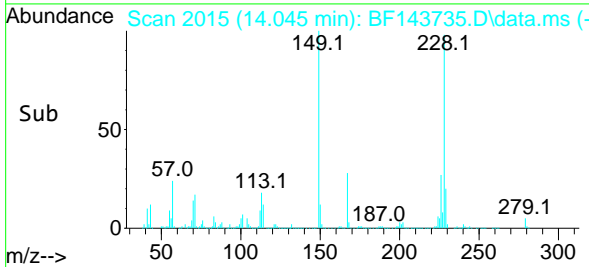
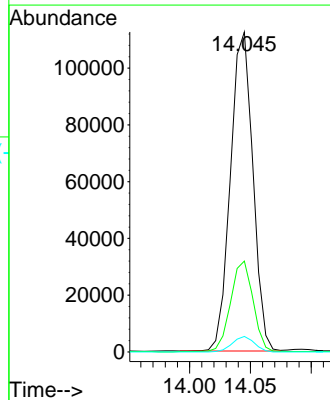
Tgt Ion:228 Resp: 271449
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.7 34.1
 229 20.4 15.1 22.7

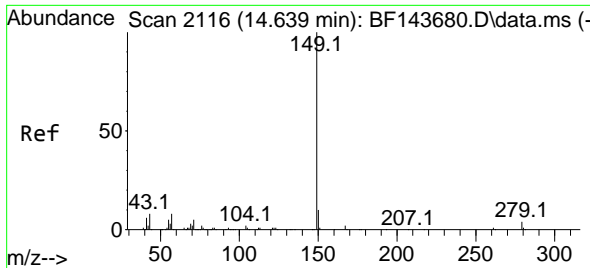


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.390 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11



Tgt Ion:149 Resp: 143858
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.2
 279 4.8 3.5 5.3

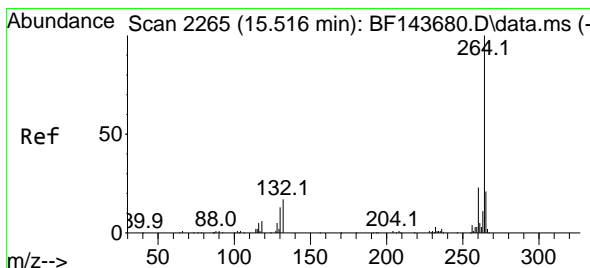
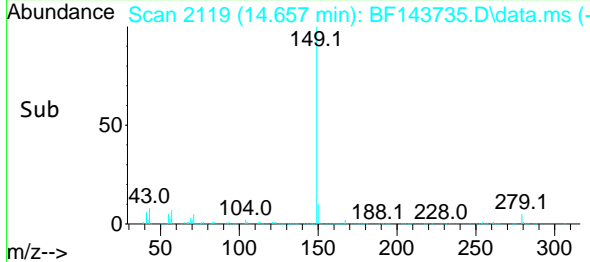
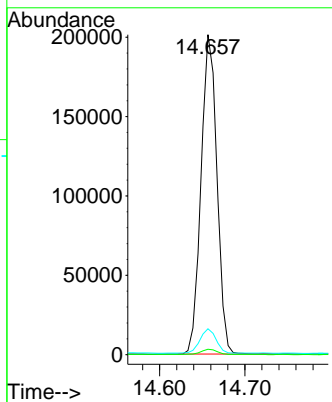
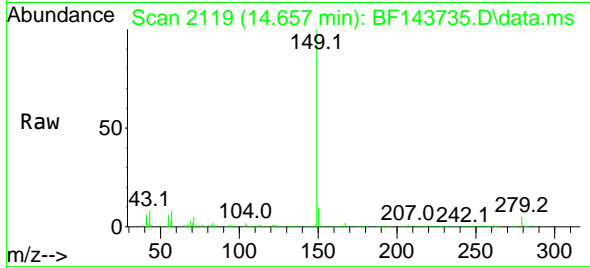




#85
 Di-n-octyl phthalate
 Concen: 49.947 ng
 RT: 14.657 min Scan# 2119
 Delta R.T. 0.018 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

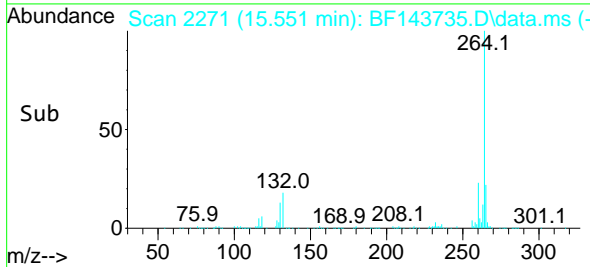
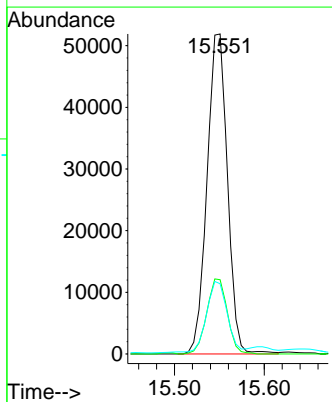
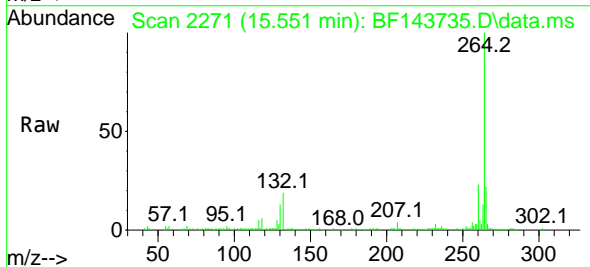
Instrument : BNA_F
 ClientSampleId : WC-31MSD

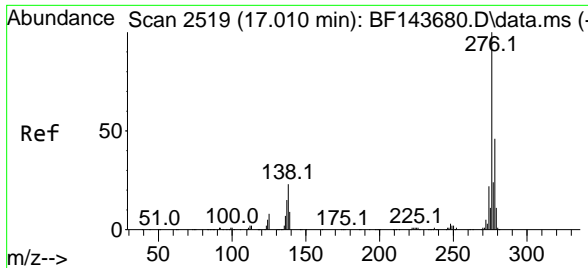
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.7 | 6.2 | 9.2 |



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.035 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 264 | 100 | | |
| 260 | 23.2 | 18.4 | 27.6 |
| 265 | 22.0 | 17.1 | 25.7 |



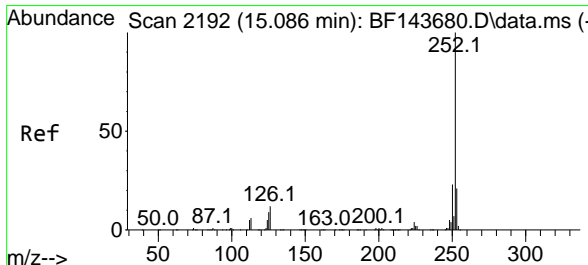
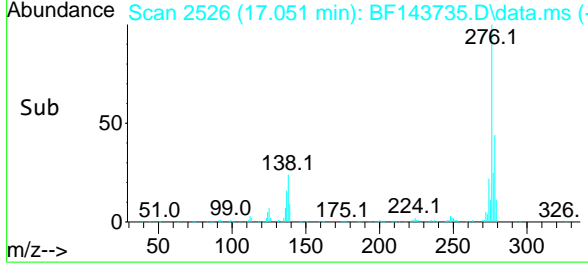
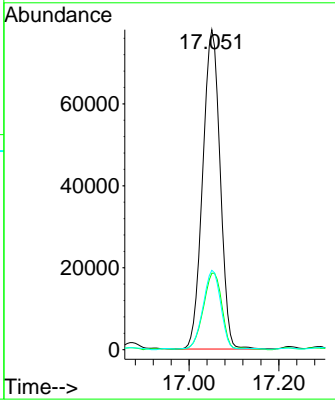
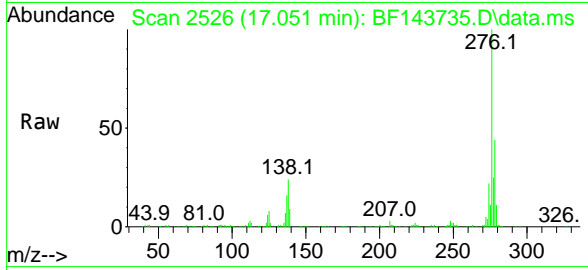


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.449 ng
 RT: 17.051 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Tgt Ion:276 Resp: 209866

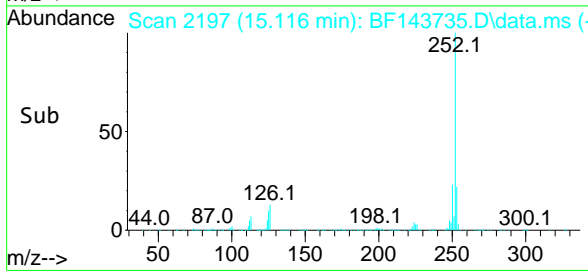
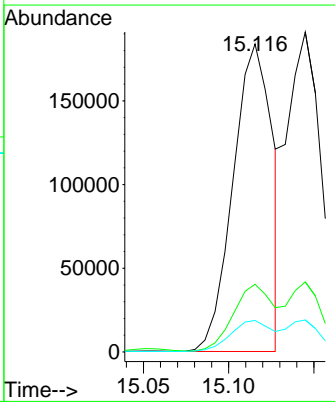
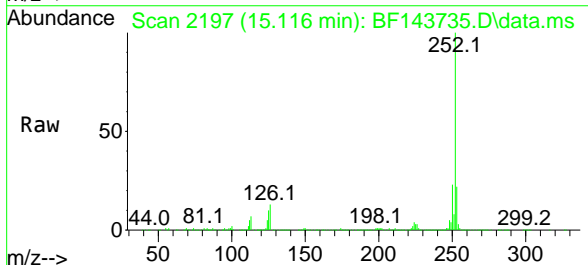
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100 | | |
| 138 | 25.0 | 19.7 | 29.5 |
| 277 | 24.9 | 20.2 | 30.2 |

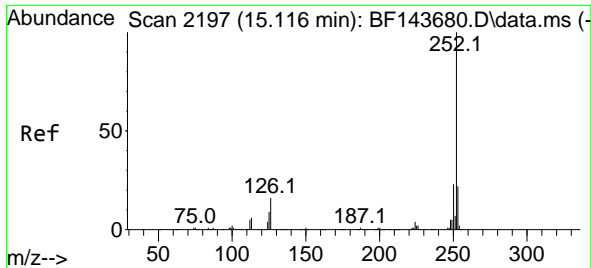


#88
 Benzo(b)fluoranthene
 Concen: 60.024 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:252 Resp: 293398

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 253 | 22.0 | 17.0 | 25.4 |
| 125 | 10.3 | 7.4 | 11.0 |

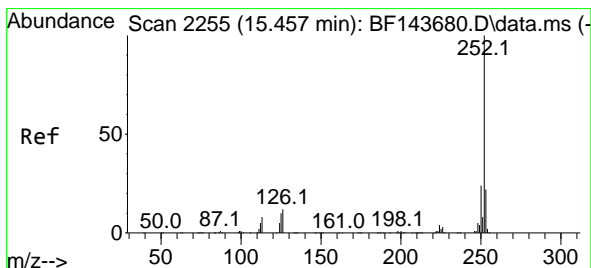
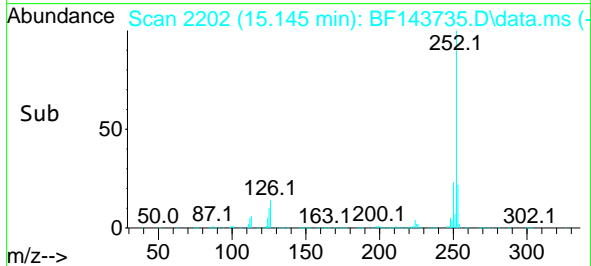
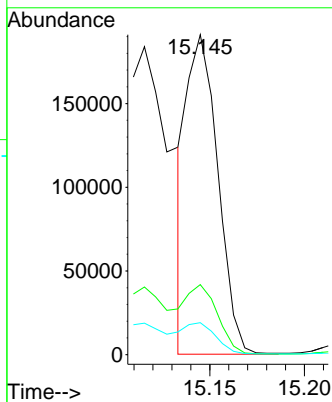
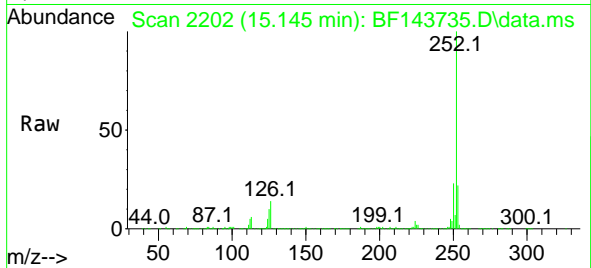




#89
 Benzo(k)fluoranthene
 Concen: 49.501 ng
 RT: 15.145 min Scan# 2197
 Delta R.T. 0.029 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

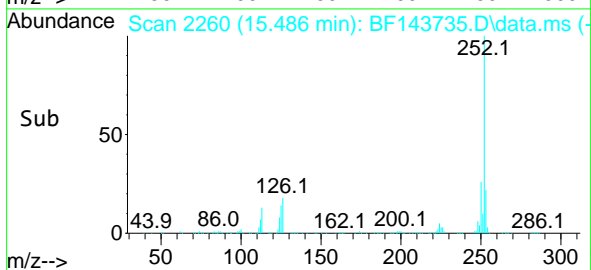
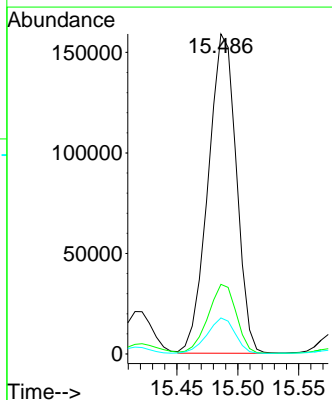
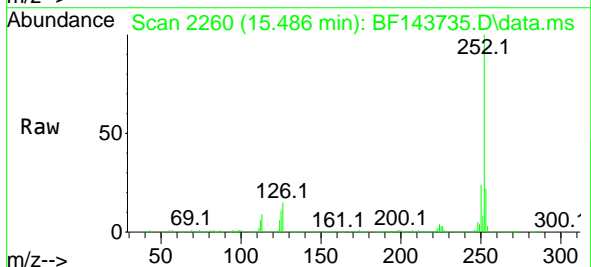
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

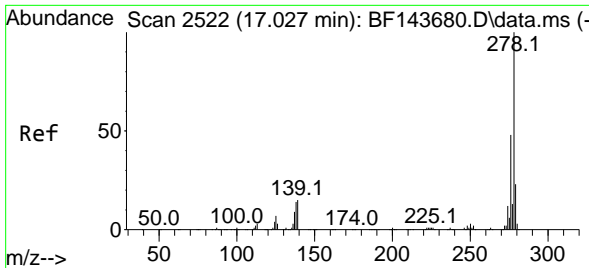
Tgt Ion:252 Resp: 218372
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 10.0 7.3 10.9



#90
 Benzo(a)pyrene
 Concen: 59.495 ng
 RT: 15.486 min Scan# 2260
 Delta R.T. 0.029 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

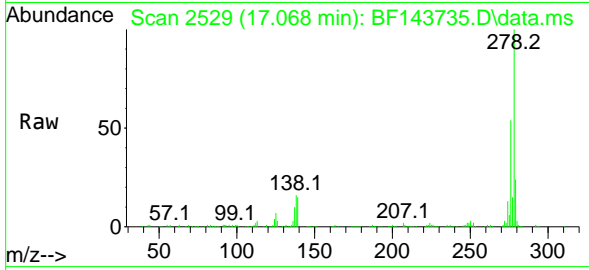
Tgt Ion:252 Resp: 255488
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 11.2 8.2 12.4



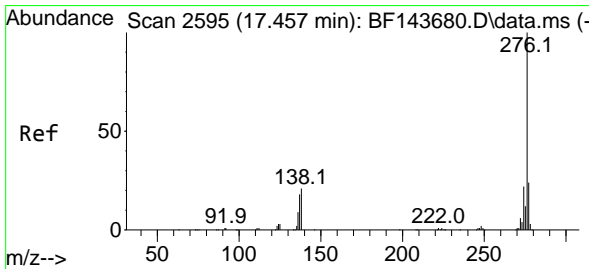
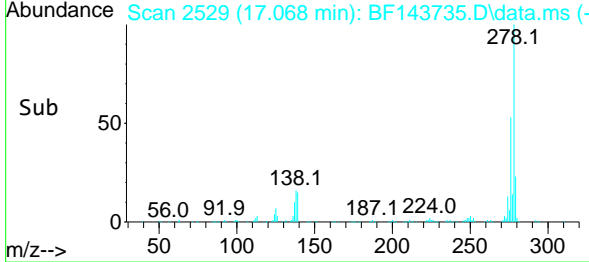
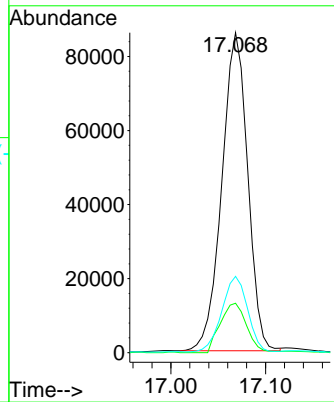


#91
 Dibenzo(a,h)anthracene
 Concen: 35.089 ng
 RT: 17.068 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD



Tgt Ion:278 Resp: 163144
 Ion Ratio Lower Upper
 278 100
 139 15.5 12.2 18.4
 279 23.8 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 36.588 ng
 RT: 17.504 min Scan# 2603
 Delta R.T. 0.047 min
 Lab File: BF143735.D
 Acq: 12 Sep 2025 16:11

Tgt Ion:276 Resp: 159122
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.2 28.8
 138 22.4 17.0 25.4

