

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143471.D
 Acq On : 19 Aug 2025 23:17
 Operator : RC/JU
 Sample : Q2888-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Quant Time: Aug 20 01:15:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.928 | 152 | 134014 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.210 | 136 | 525401 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.963 | 164 | 295607 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.451 | 188 | 453633 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.086 | 240 | 236575 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.580 | 264 | 311905 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.581 | 112 | 815421 | 105.770 | ng | 0.02 |
| 7) Phenol-d6 | 6.569 | 99 | 963243 | 99.144 | ng | 0.01 |
| 23) Nitrobenzene-d5 | 7.486 | 82 | 738920 | 83.454 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.757 | 330 | 350593 | 133.248 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.280 | 172 | 1402811 | 79.819 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.027 | 244 | 1177864 | 83.637 | ng | 0.00 |
| Target Compounds | | | | | | |
| 2) 1,4-Dioxane | 2.934 | 88 | 122859 | 33.107 | ng | # 83 |
| 3) Pyridine | 3.657 | 79 | 321375 | 33.020 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.575 | 42 | 177679 | 39.276 | ng | 99 |
| 6) Aniline | 6.592 | 93 | 311666 | 23.630 | ng | # 61 |
| 8) 2-Chlorophenol | 6.722 | 128 | 350201 | 41.145 | ng | 97 |
| 9) Benzaldehyde | 6.481 | 77 | 106488 | 20.603 | ng | 99 |
| 10) Phenol | 6.581 | 94 | 395912 | 34.921 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 6.663 | 93 | 339640 | 40.415 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 6.875 | 146 | 377714 | 39.617 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.945 | 146 | 379091 | 39.826 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.098 | 146 | 370374 | 40.738 | ng | 99 |
| 15) Benzyl Alcohol | 7.069 | 79 | 324871 | 45.342 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198 | 45 | 544122 | 37.873 | ng | 81 |
| 17) 2-Methylphenol | 7.186 | 107 | 286770 | 41.295 | ng | 96 |
| 18) Hexachloroethane | 7.439 | 117 | 126595 | 39.073 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.339 | 70 | 255004 | 42.396 | ng | 96 |
| 20) 3+4-Methylphenols | 7.339 | 107 | 348784 | 42.014 | ng | 94 |
| 22) Acetophenone | 7.333 | 105 | 475534 | 42.096 | ng | 98 |
| 24) Nitrobenzene | 7.504 | 77 | 381155 | 41.188 | ng | 99 |
| 25) Isophorone | 7.745 | 82 | 720845 | 42.537 | ng | 100 |
| 26) 2-Nitrophenol | 7.822 | 139 | 194694 | 45.384 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.863 | 122 | 320365 | 44.168 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.951 | 93 | 433073 | 41.577 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.069 | 162 | 321353 | 43.461 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.151 | 180 | 324046 | 42.772 | ng | 99 |
| 31) Naphthalene | 8.233 | 128 | 1012251 | 40.582 | ng | 100 |
| 32) Benzoic acid | 7.980 | 122 | 108778 | 28.836 | ng | 98 |
| 33) 4-Chloroaniline | 8.275 | 127 | 171049 | 18.998 | ng | 99 |
| 34) Hexachlorobutadiene | 8.351 | 225 | 198876 | 41.166 | ng | 99 |
| 35) Caprolactam | 8.645 | 113 | 54211 | 25.466 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 8.769 | 107 | 340180 | 44.671 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.922 | 142 | 643936 | 38.299 | ng | 100 |
| 38) 1-Methylnaphthalene | 9.022 | 142 | 663490 | 41.188 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.092 | 216 | 339402 | 41.169 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.080 | 237 | 331123 | 107.648 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.204 | 196 | 230740 | 44.868 | ng | 99 |

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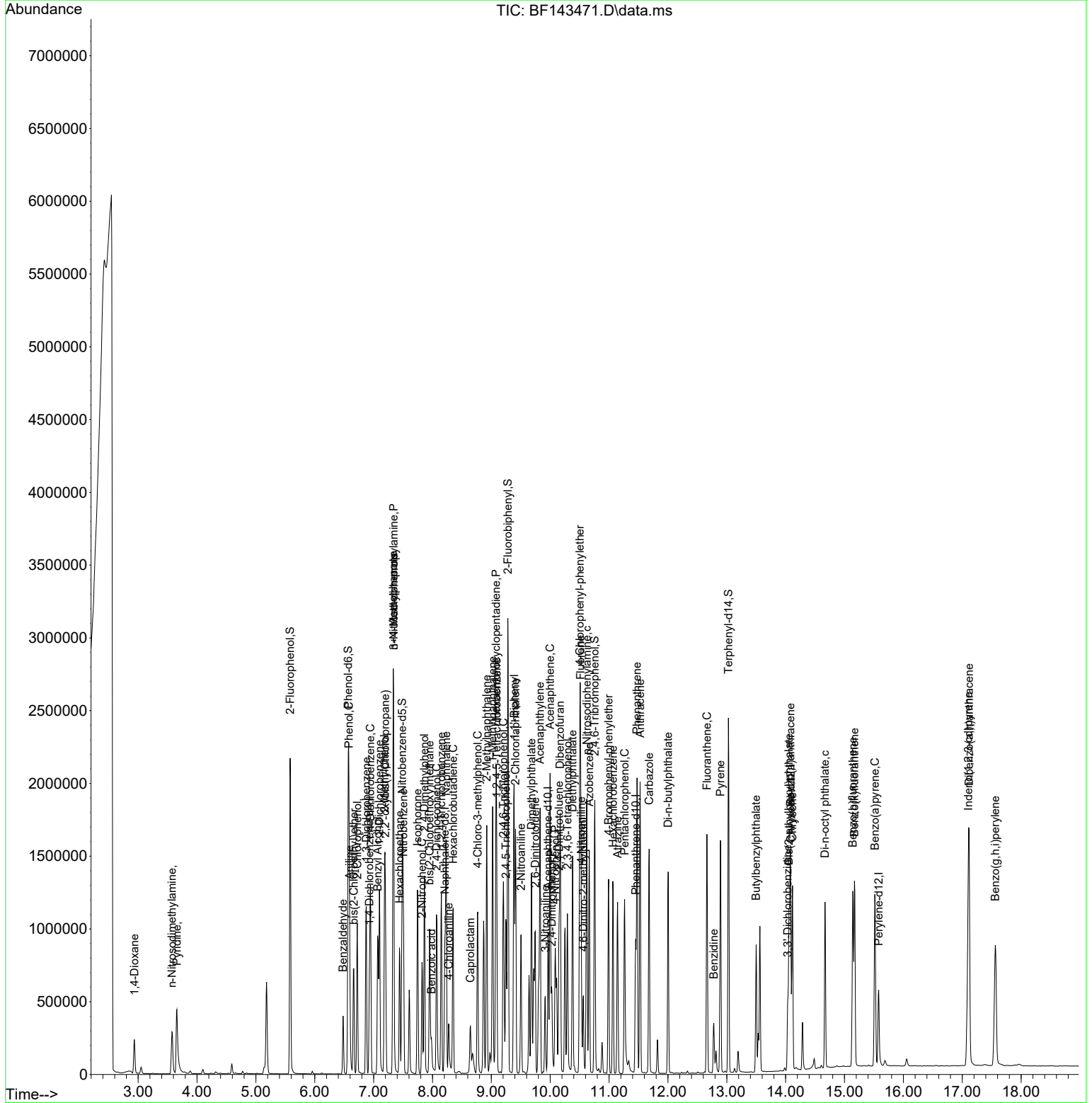
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 9.251 | 196 | 244063 | 44.274 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.386 | 154 | 888555 | 42.781 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.410 | 162 | 686253 | 41.858 | ng | 99 |
| 48) 2-Nitroaniline | 9.504 | 65 | 219885 | 45.068 | ng | 94 |
| 49) Acenaphthylene | 9.827 | 152 | 1109270 | 46.861 | ng | 99 |
| 50) Dimethylphthalate | 9.680 | 163 | 834976 | 45.306 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.745 | 165 | 185226 | 50.983 | ng | 93 |
| 52) Acenaphthene | 9.998 | 154 | 715084 | 44.915 | ng | 100 |
| 53) 3-Nitroaniline | 9.916 | 138 | 118128 | 29.189 | ng | 99 |
| 54) 2,4-Dinitrophenol | 10.027 | 184 | 134565 | 79.694 | ng | 96 |
| 55) Dibenzofuran | 10.169 | 168 | 988001 | 43.018 | ng | 98 |
| 56) 4-Nitrophenol | 10.086 | 139 | 203735 | 80.074 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.151 | 165 | 244973 | 50.575 | ng | 97 |
| 58) Fluorene | 10.516 | 166 | 769412 | 43.608 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232 | 215048 | 51.535 | ng | 99 |
| 60) Diethylphthalate | 10.380 | 149 | 768397 | 45.118 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204 | 384232 | 44.047 | ng | 96 |
| 62) 4-Nitroaniline | 10.527 | 138 | 166680 | 44.040 | ng | 98 |
| 63) Azobenzene | 10.663 | 77 | 757659 | 44.016 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.563 | 198 | 106411 | 45.463 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.621 | 169 | 669186 | 45.368 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248 | 246812 | 46.075 | ng | 99 |
| 68) Hexachlorobenzene | 11.069 | 284 | 261331 | 45.889 | ng | 96 |
| 69) Atrazine | 11.145 | 200 | 203384 | 47.142 | ng | 99 |
| 70) Pentachlorophenol | 11.263 | 266 | 252772 | 100.931 | ng | 98 |
| 71) Phenanthrene | 11.474 | 178 | 1065798 | 43.387 | ng | 99 |
| 72) Anthracene | 11.527 | 178 | 1096217 | 44.183 | ng | 99 |
| 73) Carbazole | 11.680 | 167 | 886333 | 42.238 | ng | 100 |
| 74) Di-n-butylphthalate | 12.004 | 149 | 974561 | 46.637 | ng | 100 |
| 75) Fluoranthene | 12.663 | 202 | 918915 | 42.099 | ng | 100 |
| 77) Benzidine | 12.780 | 184 | 214347 | 30.341 | ng | 98 |
| 78) Pyrene | 12.892 | 202 | 895568 | 43.554 | ng | 99 |
| 80) Butylbenzylphthalate | 13.498 | 149 | 276677 | 54.324 | ng | 99 |
| 81) Benzo(a)anthracene | 14.080 | 228 | 696554 | 46.247 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.033 | 252 | 151330 | 34.316 | ng | 100 |
| 83) Chrysene | 14.115 | 228 | 612820 | 44.011 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149 | 375397 | 51.901 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.668 | 149 | 742244 | 50.595 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.103 | 276 | 1003006 | 42.882 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.139 | 252 | 806405 | 48.239 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.168 | 252 | 700138 | 42.463 | ng | 99 |
| 90) Benzo(a)pyrene | 15.515 | 252 | 760328 | 47.753 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.115 | 278 | 815326 | 43.407 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.562 | 276 | 816388 | 43.508 | ng | 99 |

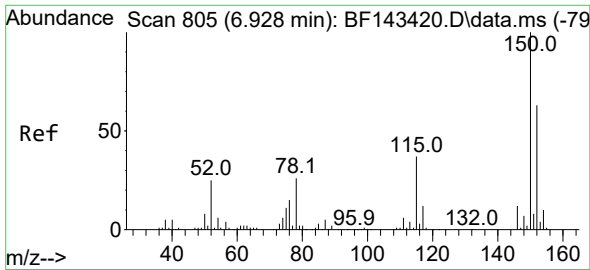
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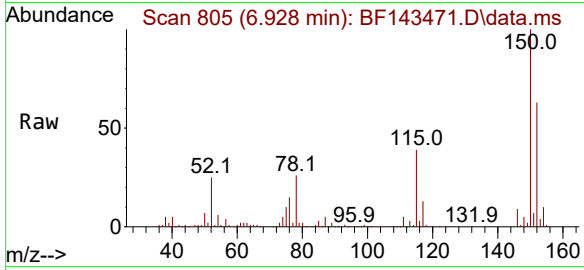
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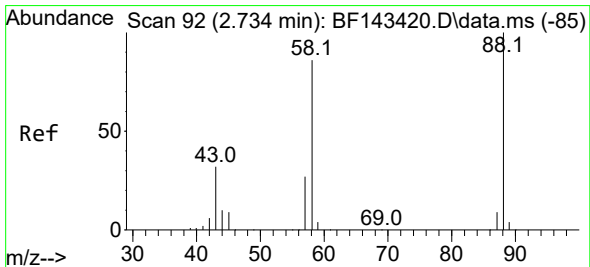
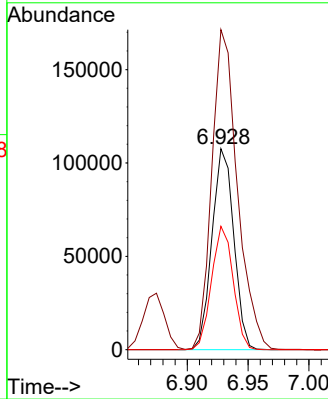
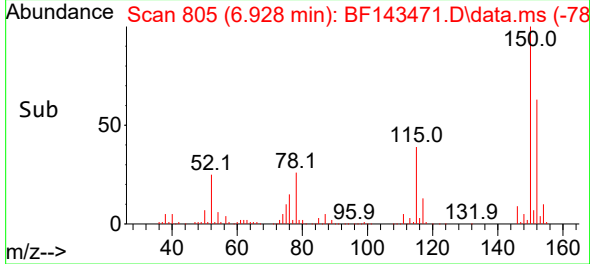


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

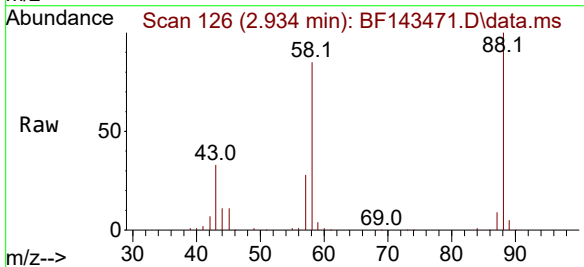
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 ClientSampleId :
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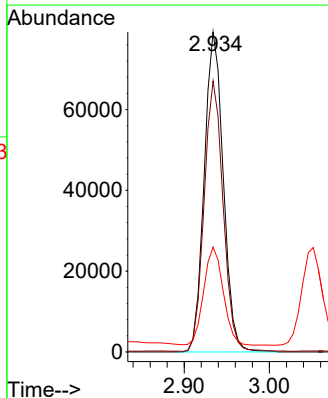
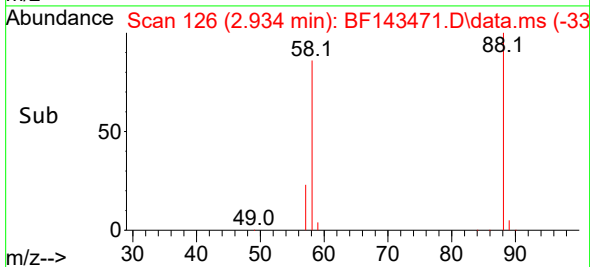
Tgt Ion:152 Resp: 134014
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.4 191.2
 115 61.4 47.5 71.3

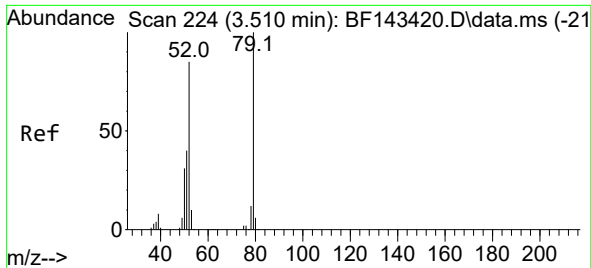


#2
 1,4-Dioxane
 Concen: 33.107 ng
 RT: 2.934 min Scan# 126
 Delta R.T. 0.200 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



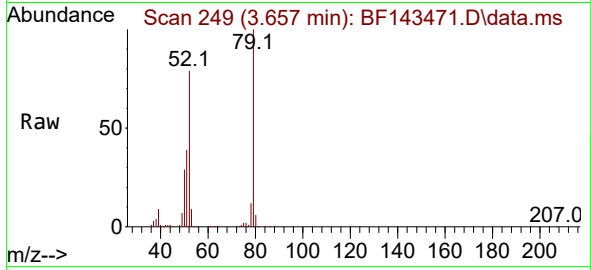
Tgt Ion: 88 Resp: 122859
 Ion Ratio Lower Upper
 88 100
 58 84.2 68.7 103.1
 43 0.0 26.1 39.1#





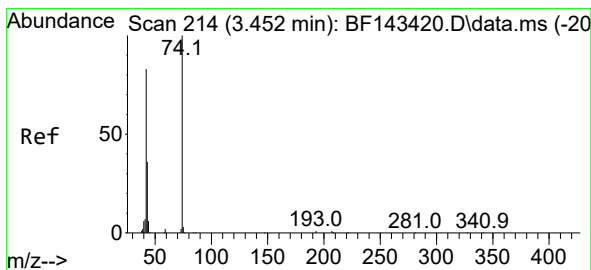
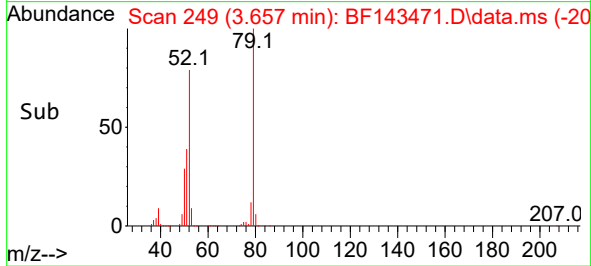
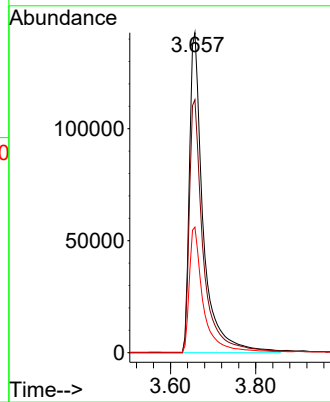
#3
 Pyridine
 Concen: 33.020 ng
 RT: 3.657 min Scan# 249
 Delta R.T. 0.147 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



Tgt Ion: 79 Resp: 321375

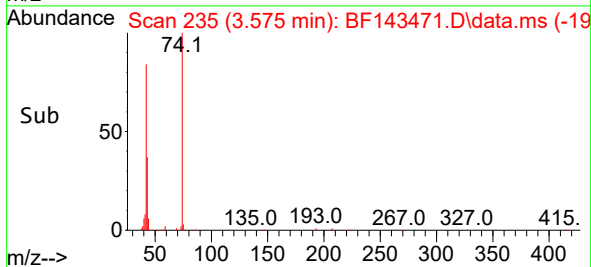
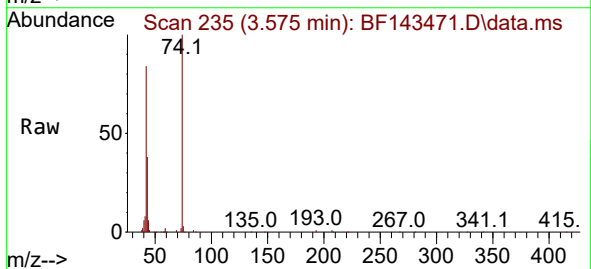
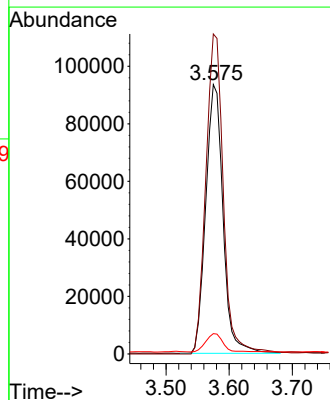
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 52 | 79.0 | 67.7 | 101.5 |
| 51 | 39.2 | 32.3 | 48.5 |

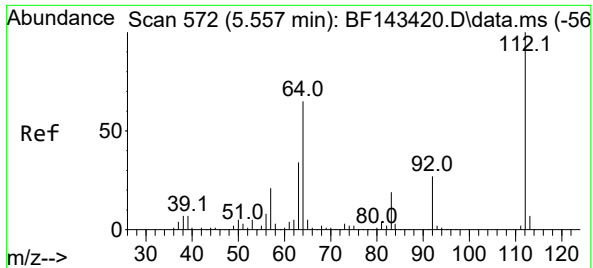


#4
 n-Nitrosodimethylamine
 Concen: 39.276 ng
 RT: 3.575 min Scan# 235
 Delta R.T. 0.123 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 42 Resp: 177679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42 | 100 | | |
| 74 | 118.8 | 96.2 | 144.4 |
| 44 | 7.5 | 5.9 | 8.9 |



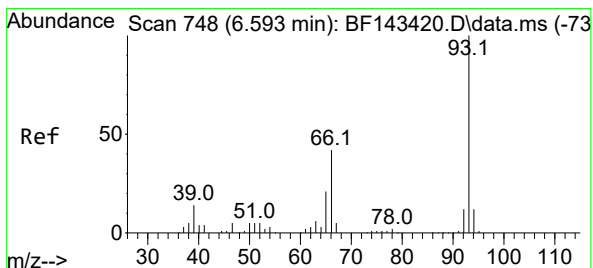
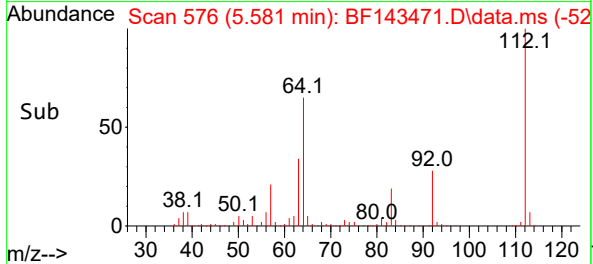
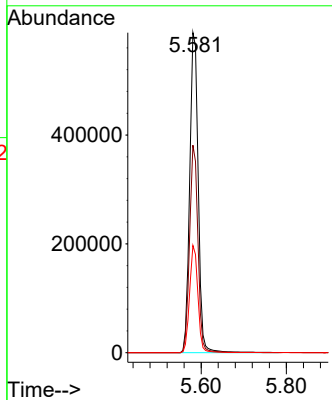
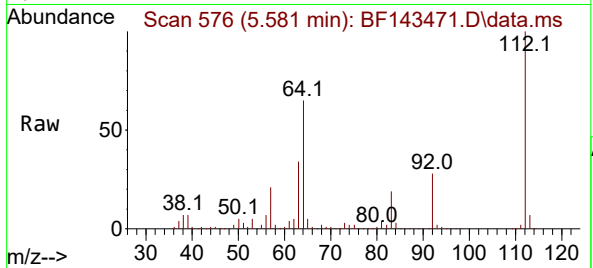


#5
 2-Fluorophenol
 Concen: 105.770 ng
 RT: 5.581 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:112 Resp: 815421

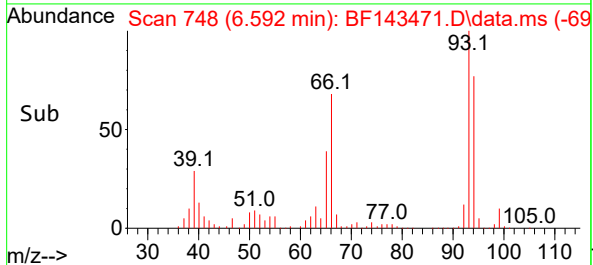
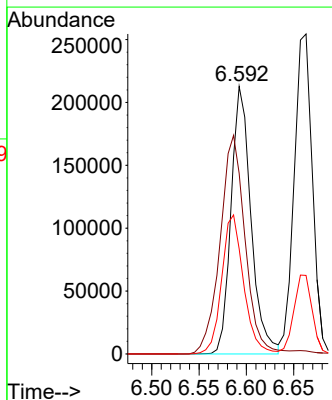
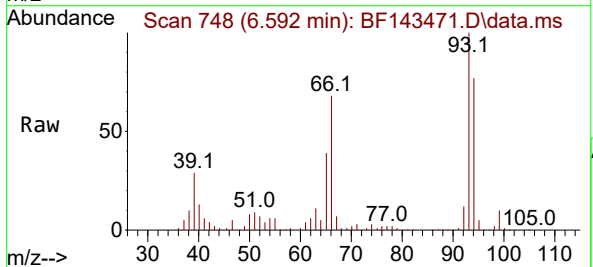
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 64.9 | 52.2 | 78.2 |
| 63 | 33.5 | 27.0 | 40.6 |

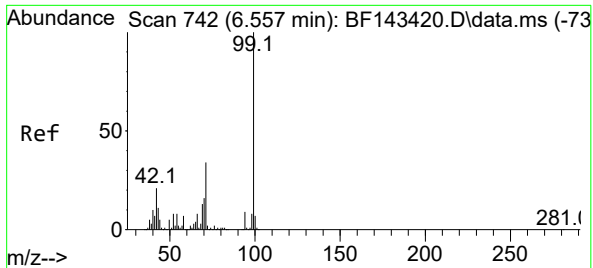


#6
 Aniline
 Concen: 23.630 ng
 RT: 6.592 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 93 Resp: 311666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 66 | 67.5 | 33.8 | 50.8# |
| 65 | 39.3 | 17.2 | 25.8# |

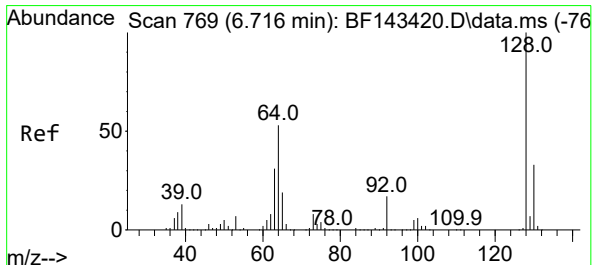
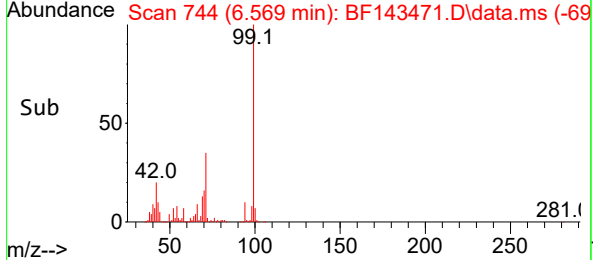
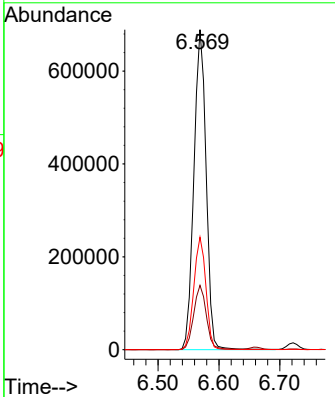
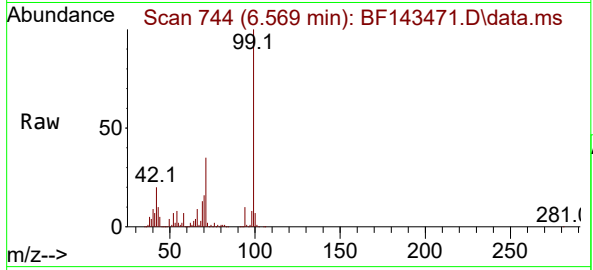




#7
 Phenol-d6
 Concen: 99.144 ng
 RT: 6.569 min Scan# 744
 Delta R.T. 0.012 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

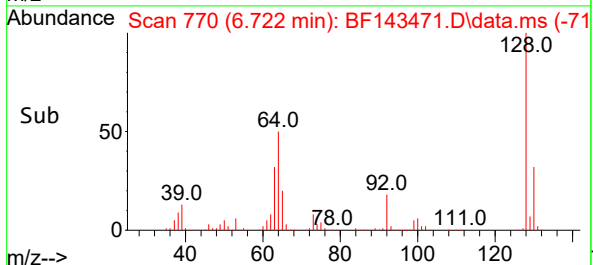
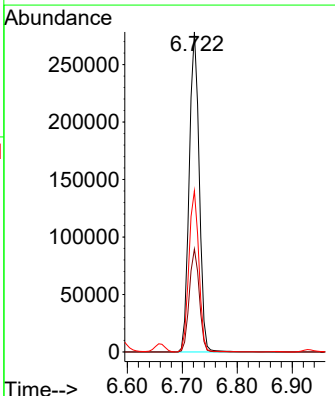
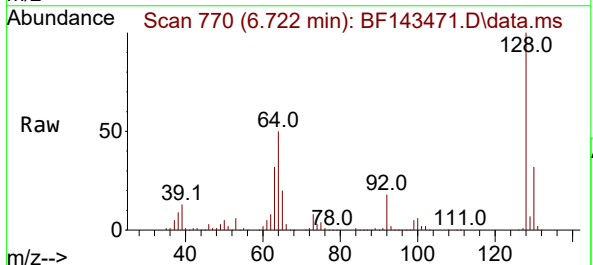
Instrument : BNA_F
 ClientSampleId : VNJ-210MS

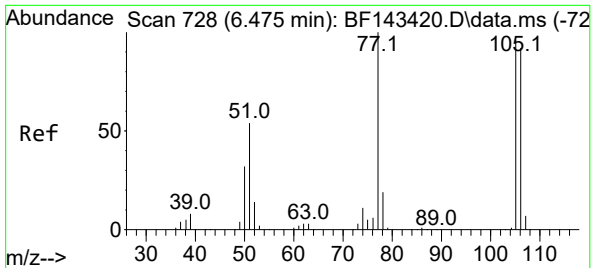
| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|--------|-----------|-------|-------|
| 99 | 963243 | 100 | | |
| 42 | | 20.1 | 17.0 | 25.6 |
| 71 | | 35.2 | 27.4 | 41.2 |



#8
 2-Chlorophenol
 Concen: 41.145 ng
 RT: 6.722 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|--------|-----------|-------|-------|
| 128 | 350201 | 100 | | |
| 130 | | 32.2 | 12.9 | 52.9 |
| 64 | | 50.4 | 33.1 | 73.1 |



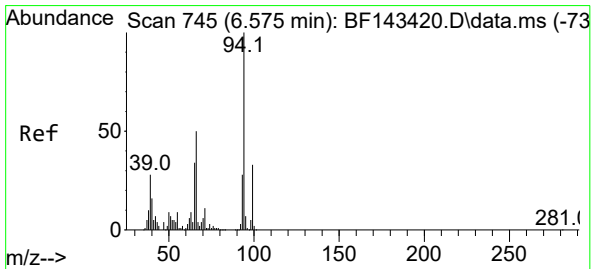
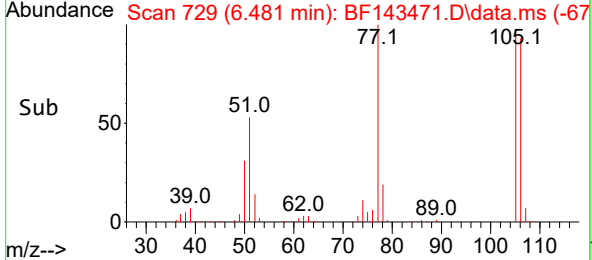
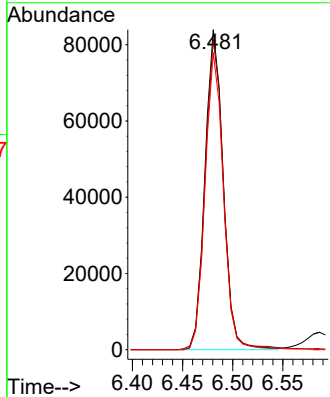
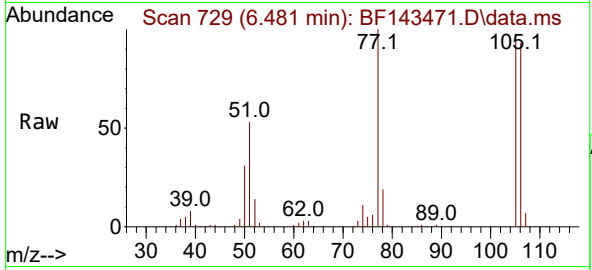


#9
Benzaldehyde
Concen: 20.603 ng
RT: 6.481 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument : BNA_F
ClientSampleId : VNJ-210MS

Tgt Ion: 77 Resp: 106488

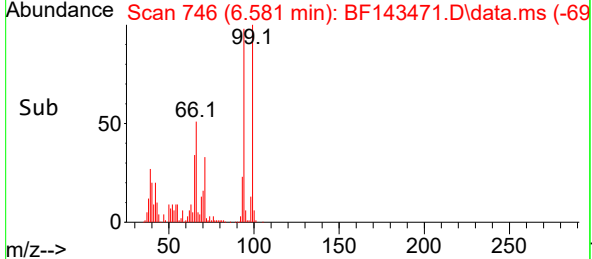
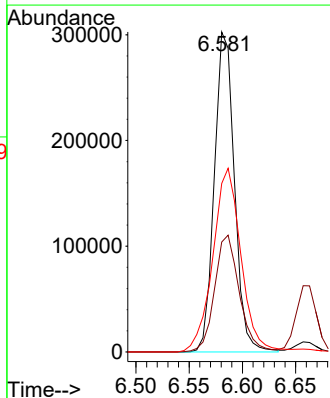
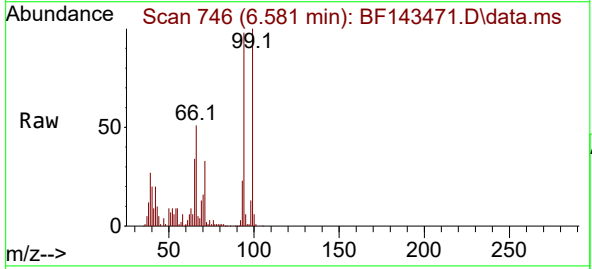
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 105 | 97.1 | 75.5 | 115.5 |
| 106 | 92.8 | 72.0 | 112.0 |

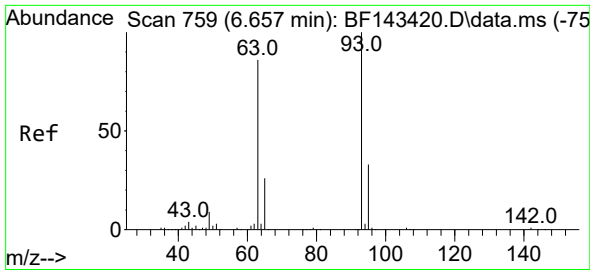


#10
Phenol
Concen: 34.921 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion: 94 Resp: 395912

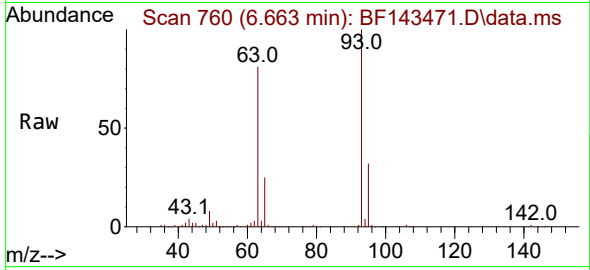
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94 | 100 | | |
| 65 | 34.4 | 13.7 | 53.7 |
| 66 | 52.7 | 30.3 | 70.3 |





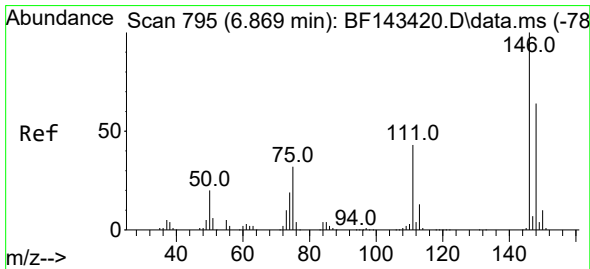
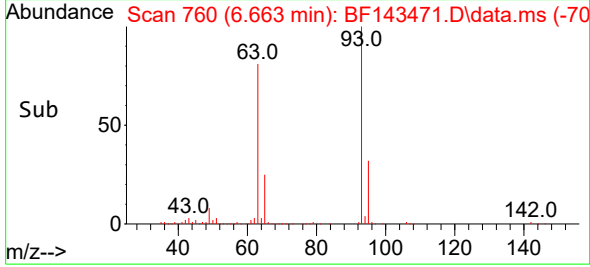
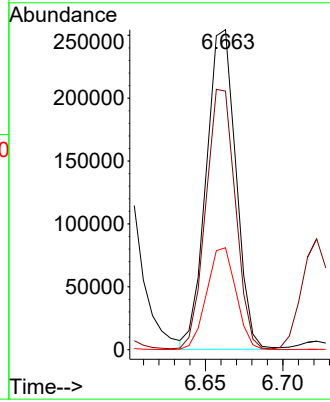
#11
 bis(2-Chloroethyl)ether
 Concen: 40.415 ng
 RT: 6.663 min Scan# 701
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



Tgt Ion: 93 Resp: 339640

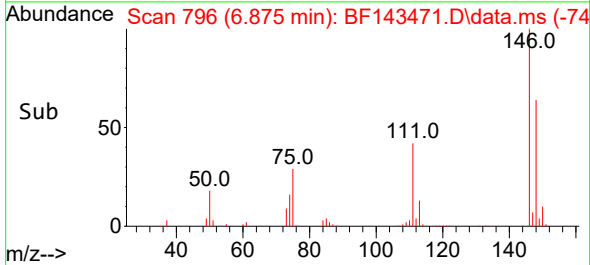
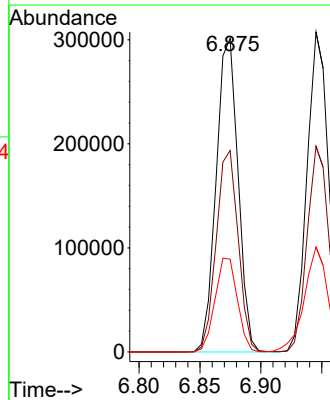
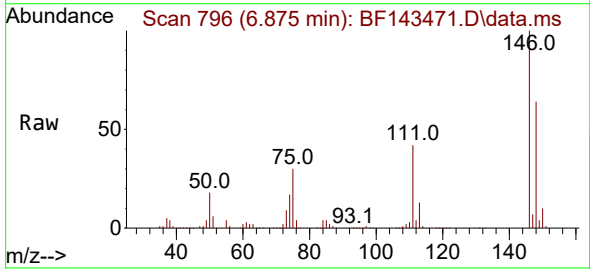
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 63 | 80.8 | 65.4 | 105.4 |
| 95 | 31.8 | 12.8 | 52.8 |

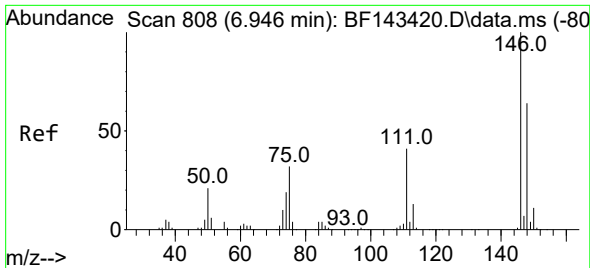


#12
 1,3-Dichlorobenzene
 Concen: 39.617 ng
 RT: 6.875 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 146 Resp: 377714

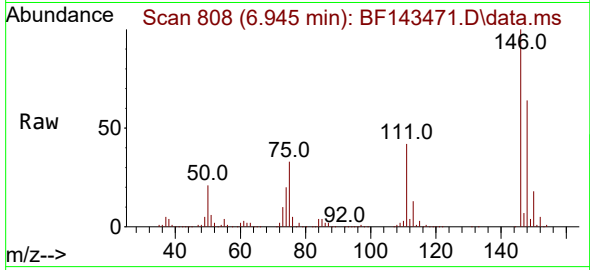
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 64.3 | 51.0 | 76.4 |
| 75 | 29.6 | 25.3 | 37.9 |



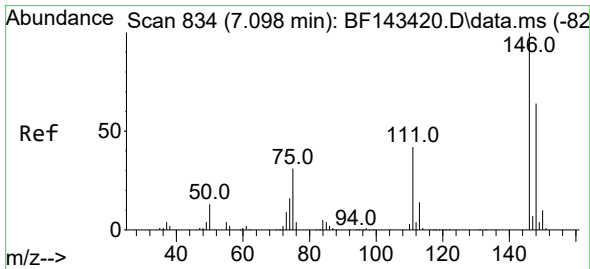
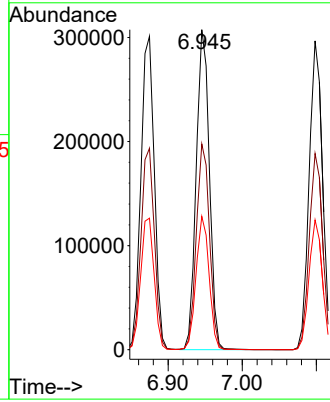
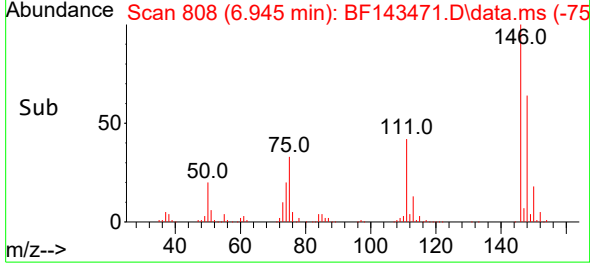


#13
 1,4-Dichlorobenzene
 Concen: 39.826 ng
 RT: 6.945 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

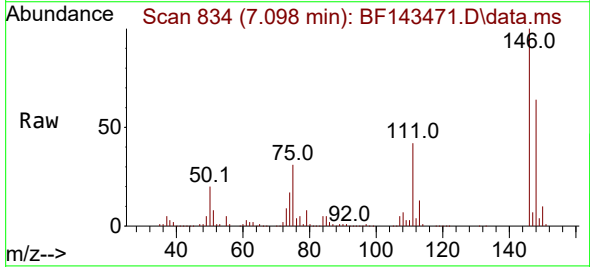
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



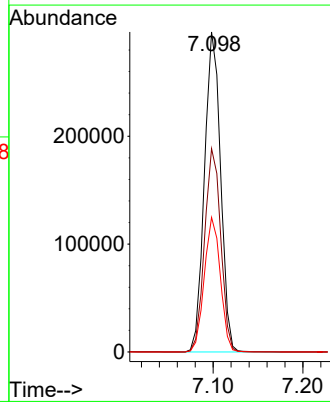
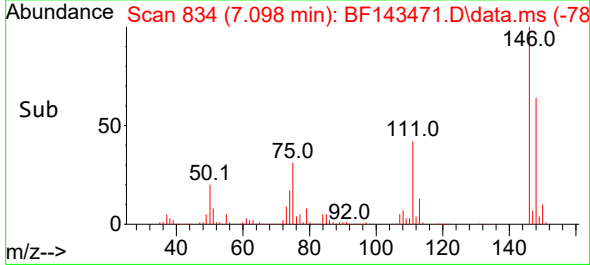
Tgt Ion:146 Resp: 379091
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 41.6 32.5 48.7

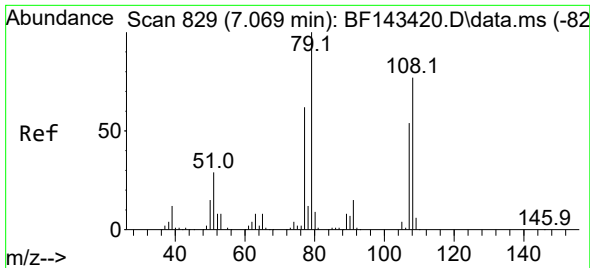


#14
 1,2-Dichlorobenzene
 Concen: 40.738 ng
 RT: 7.098 min Scan# 834
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:146 Resp: 370374
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 42.0 33.9 50.9



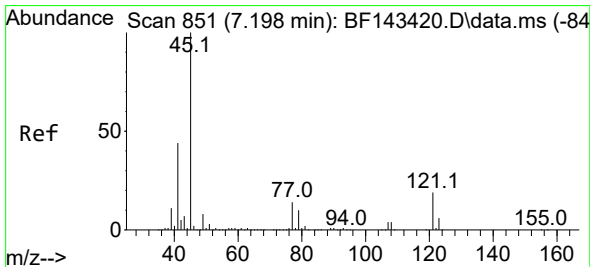
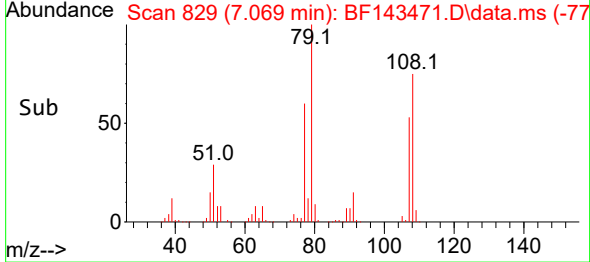
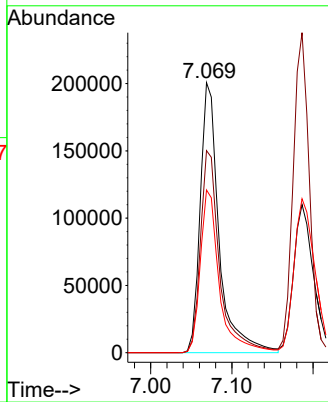
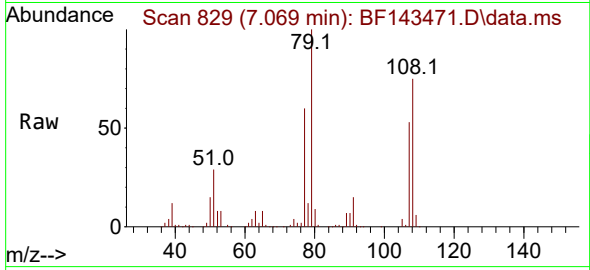


#15
 Benzyl Alcohol
 Concen: 45.342 ng
 RT: 7.069 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion: 79 Resp: 324871

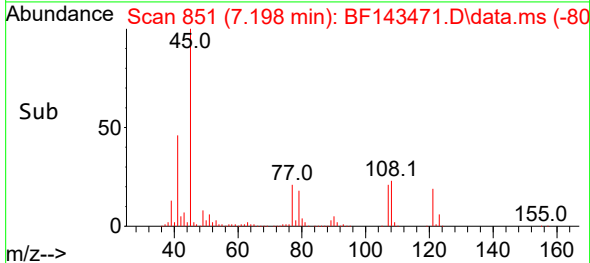
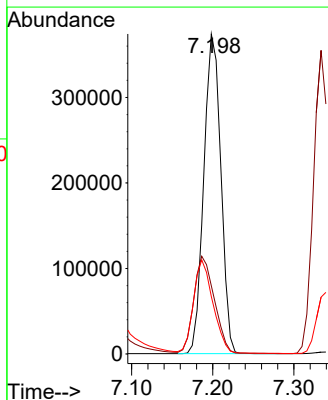
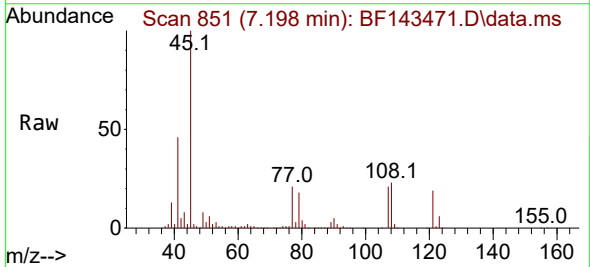
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 108 | 74.8 | 61.9 | 92.9 |
| 77 | 60.2 | 49.2 | 73.8 |

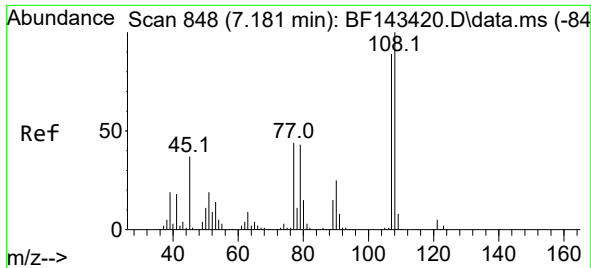


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 37.873 ng
 RT: 7.198 min Scan# 851
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 45 Resp: 544122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45 | 100 | | |
| 77 | 21.3 | 0.0 | 33.9 |
| 79 | 18.0 | 0.0 | 30.7 |



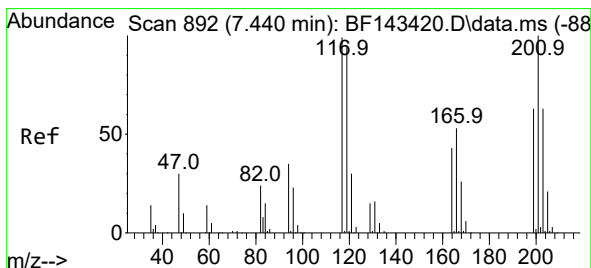
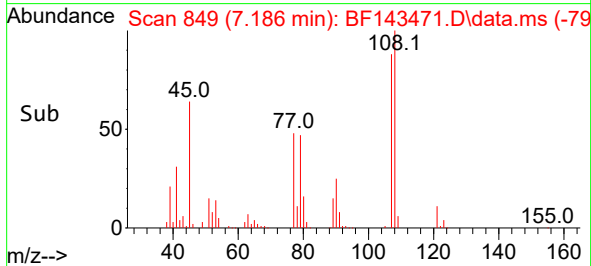
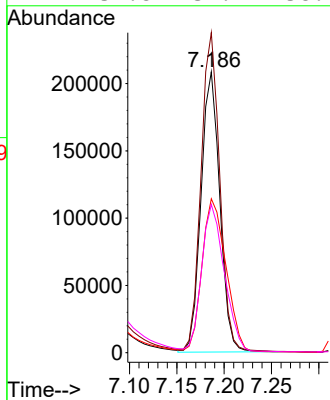
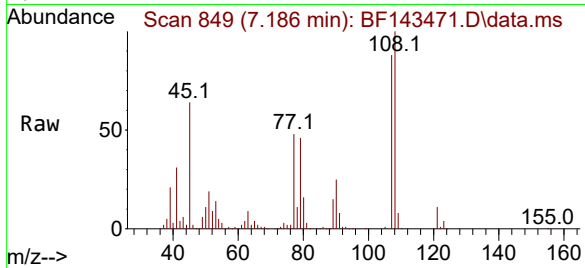


#17
 2-Methylphenol
 Concen: 41.295 ng
 RT: 7.186 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:107 Resp: 286770

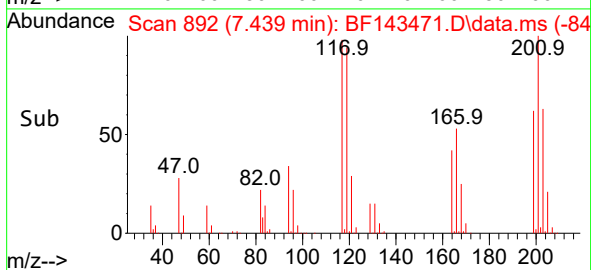
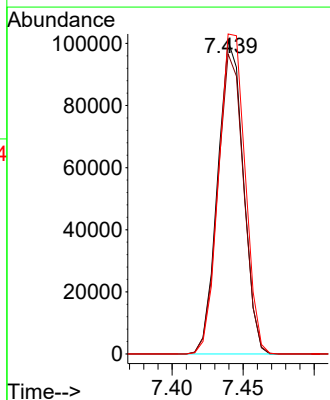
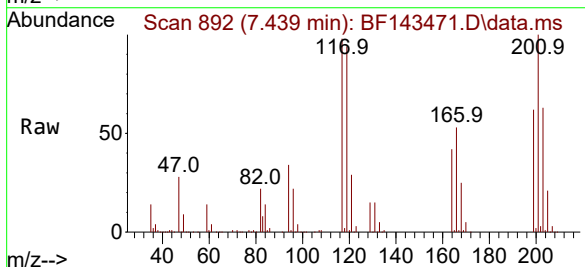
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 114.0 | 90.1 | 135.1 |
| 77 | 54.8 | 39.9 | 59.9 |
| 79 | 52.8 | 39.1 | 58.7 |

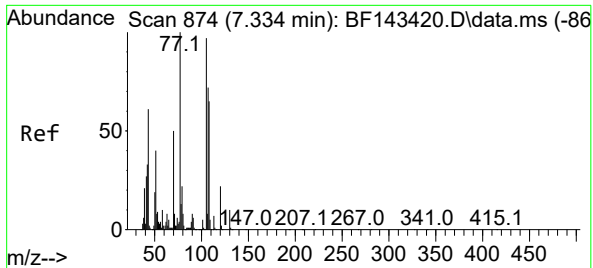


#18
 Hexachloroethane
 Concen: 39.073 ng
 RT: 7.439 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:117 Resp: 126595

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 119 | 95.7 | 76.6 | 114.8 |
| 201 | 102.1 | 81.0 | 121.4 |



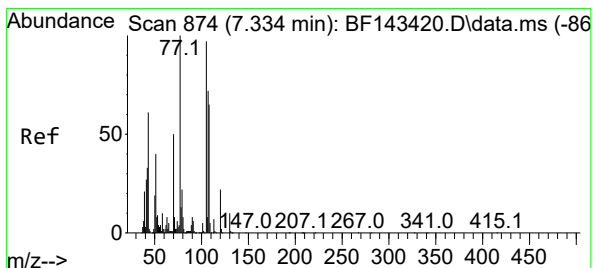
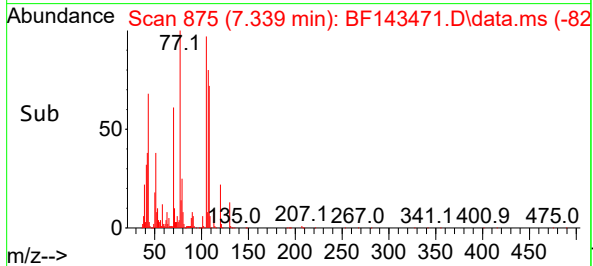
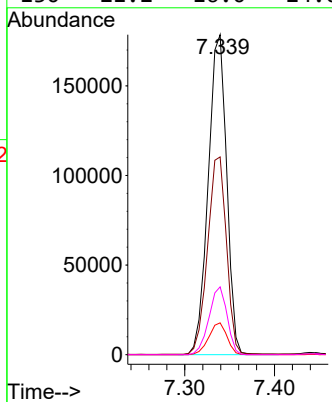
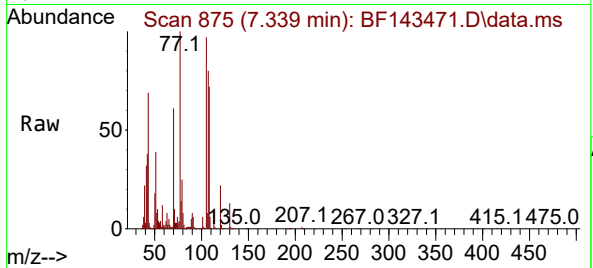


#19
 n-Nitroso-di-n-propylamine
 Concen: 42.396 ng
 RT: 7.339 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion: 70 Resp: 255004

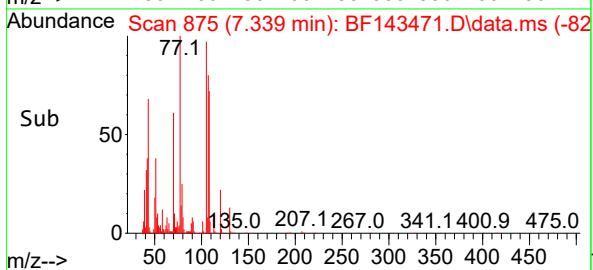
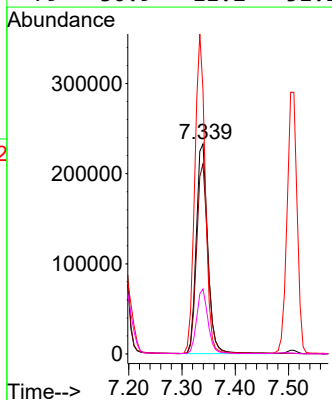
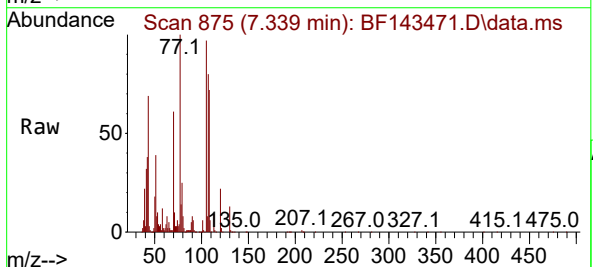
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70 | 100 | | |
| 42 | 61.8 | 52.5 | 78.7 |
| 101 | 9.9 | 7.9 | 11.9 |
| 130 | 21.2 | 16.0 | 24.0 |

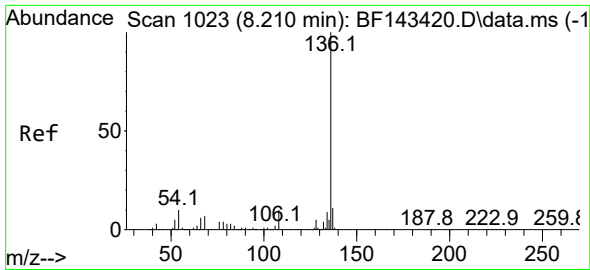


#20
 3+4-Methylphenols
 Concen: 42.014 ng
 RT: 7.339 min Scan# 875
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 107 Resp: 348784

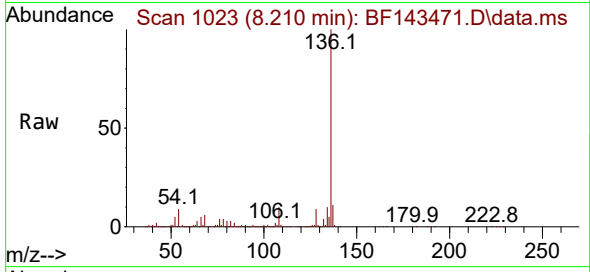
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 90.4 | 70.8 | 110.8 |
| 77 | 125.4 | 119.1 | 159.1 |
| 79 | 30.9 | 11.2 | 51.2 |





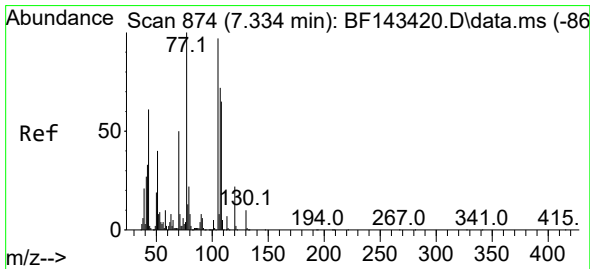
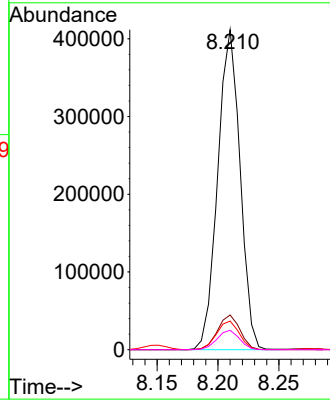
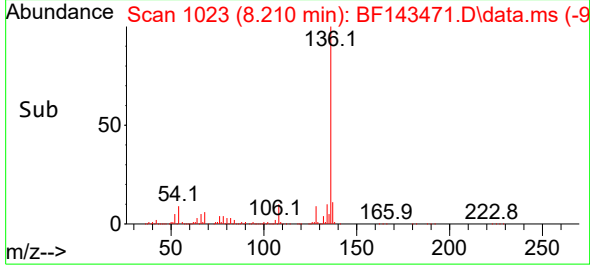
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.210 min Scan# 1023
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

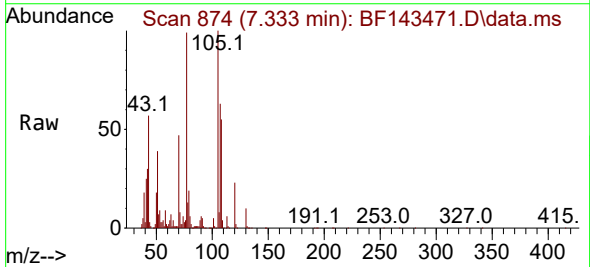


Tgt Ion:136 Resp: 525401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 8.9 | 7.8 | 11.8 |
| 68 | 6.0 | 5.2 | 7.8 |

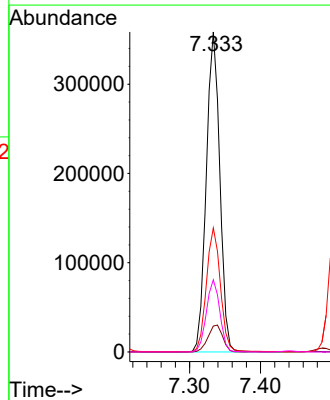
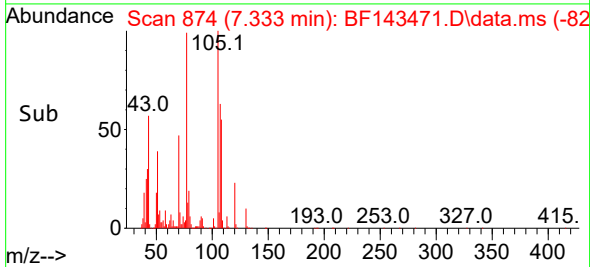


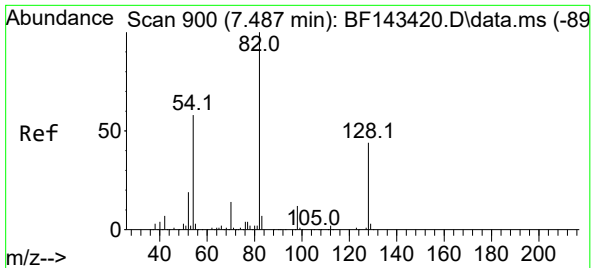
#22
 Acetophenone
 Concen: 42.096 ng
 RT: 7.333 min Scan# 874
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:105 Resp: 475534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 8.1 | 7.0 | 10.4 |
| 51 | 38.8 | 32.7 | 49.1 |
| 120 | 22.6 | 17.8 | 26.8 |

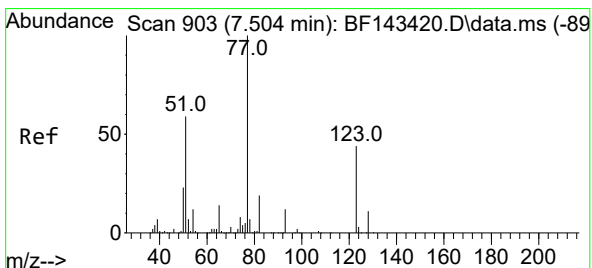
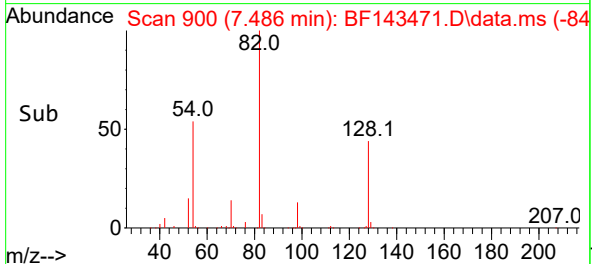
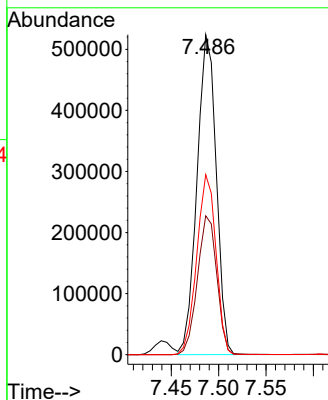
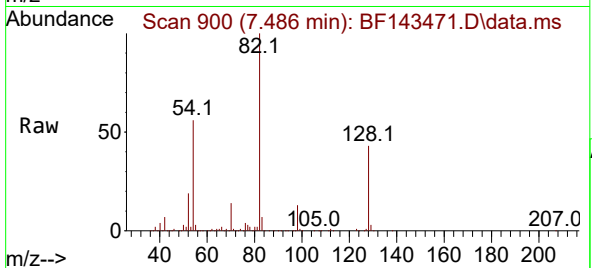




#23
 Nitrobenzene-d5
 Concen: 83.454 ng
 RT: 7.486 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

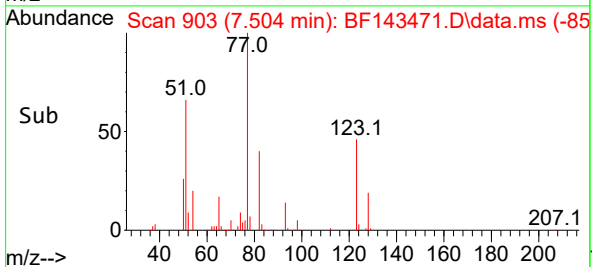
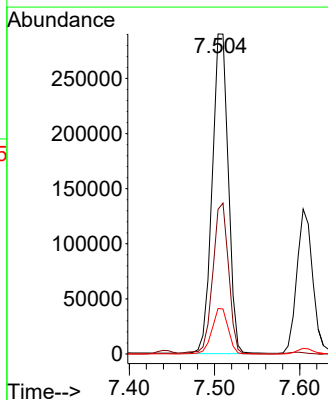
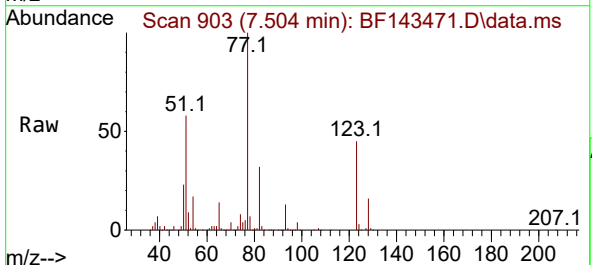
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

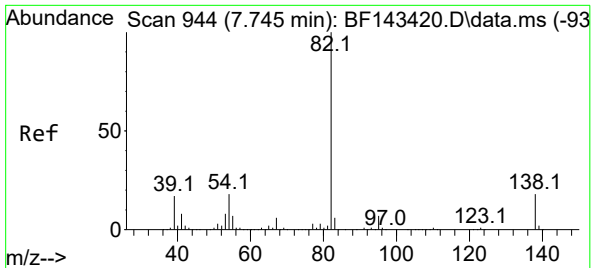
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 82 | 738920 | | |
| 128 | 43.4 | 34.6 | 52.0 |
| 54 | 56.2 | 46.0 | 69.0 |



#24
 Nitrobenzene
 Concen: 41.188 ng
 RT: 7.504 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

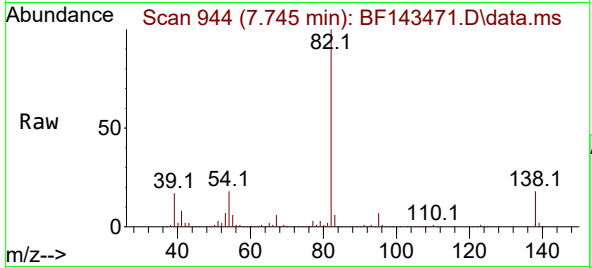
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 77 | 381155 | | |
| 123 | 45.2 | 35.4 | 53.0 |
| 65 | 14.2 | 11.2 | 16.8 |





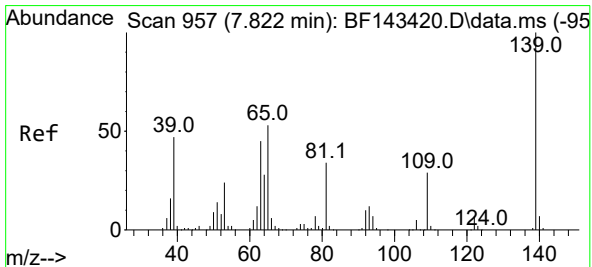
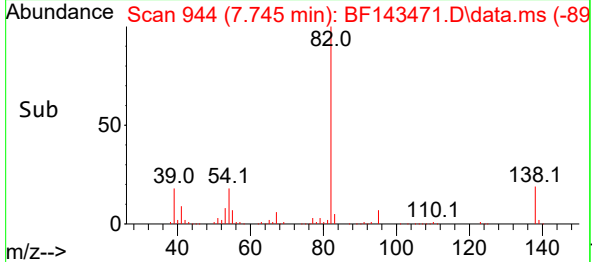
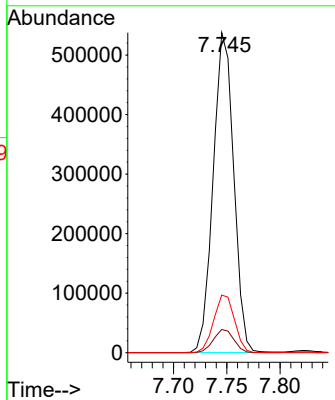
#25
 Isophorone
 Concen: 42.537 ng
 RT: 7.745 min Scan# 944
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



Tgt Ion: 82 Resp: 720845

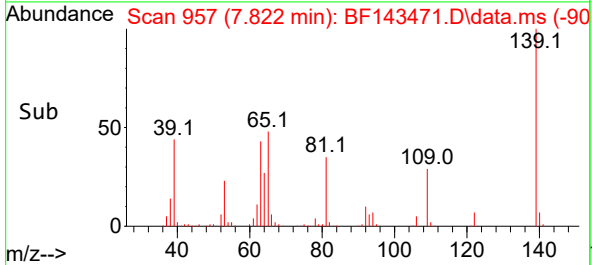
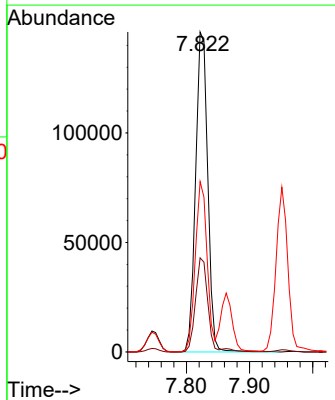
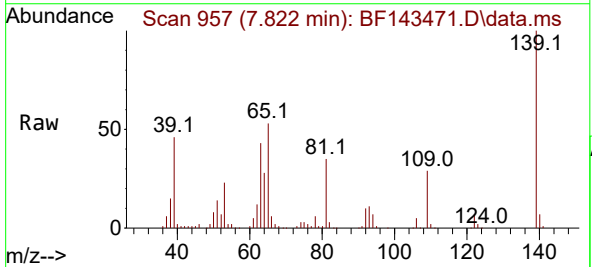
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 95 | 7.2 | 5.6 | 8.4 |
| 138 | 18.0 | 14.3 | 21.5 |

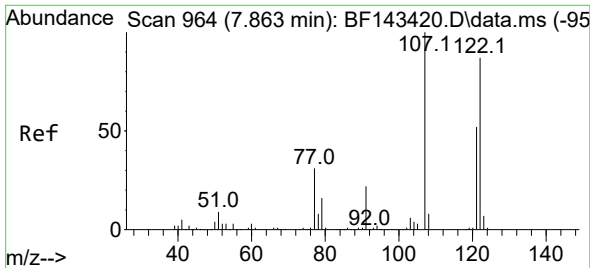


#26
 2-Nitrophenol
 Concen: 45.384 ng
 RT: 7.822 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 139 Resp: 194694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100 | | |
| 109 | 29.4 | 23.0 | 34.4 |
| 65 | 53.3 | 42.5 | 63.7 |



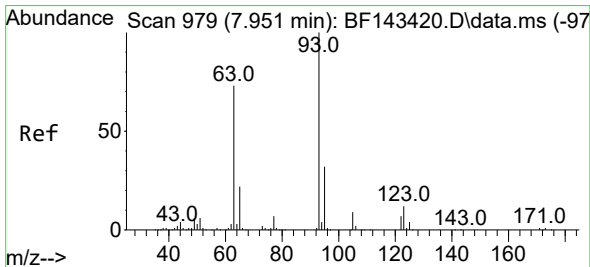
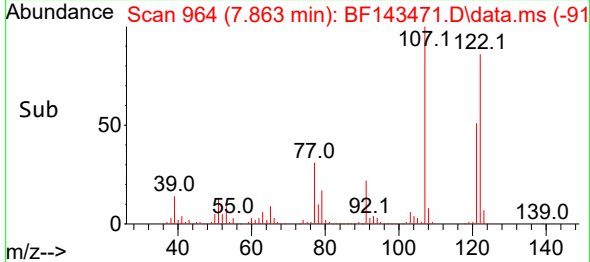
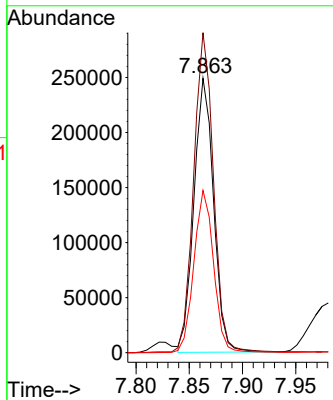
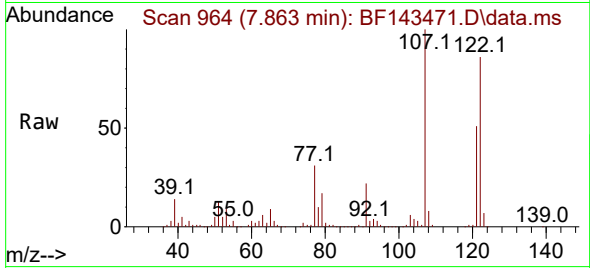


#27
 2,4-Dimethylphenol
 Concen: 44.168 ng
 RT: 7.863 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:122 Resp: 320365

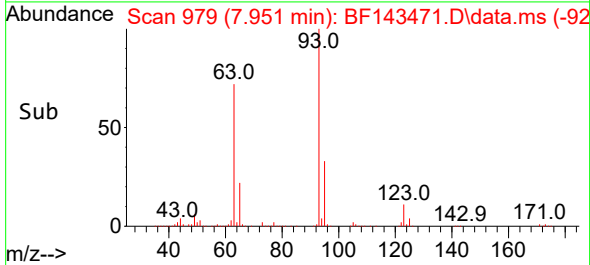
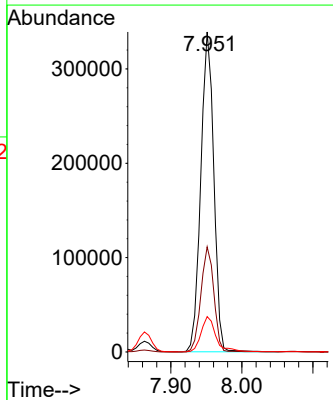
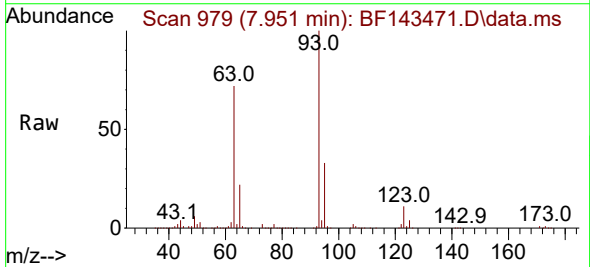
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100 | | |
| 107 | 116.6 | 90.4 | 135.6 |
| 121 | 59.1 | 46.7 | 70.1 |

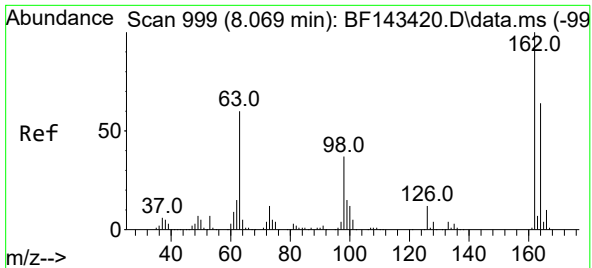


#28
 bis(2-Chloroethoxy)methane
 Concen: 41.577 ng
 RT: 7.951 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 93 Resp: 433073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 95 | 32.9 | 26.0 | 39.0 |
| 123 | 11.1 | 9.5 | 14.3 |



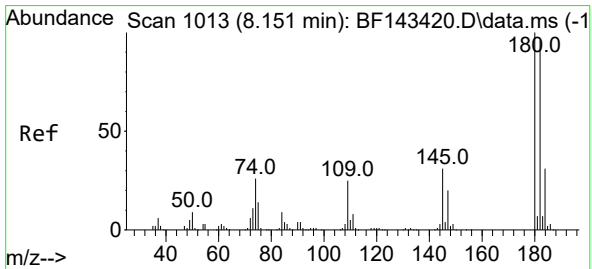
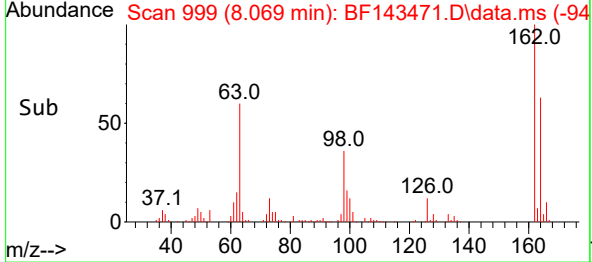
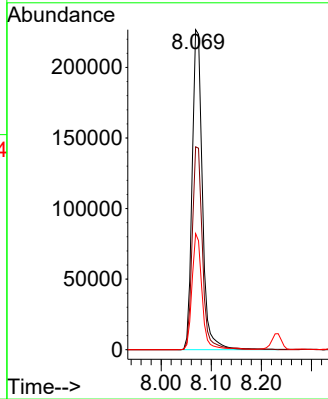
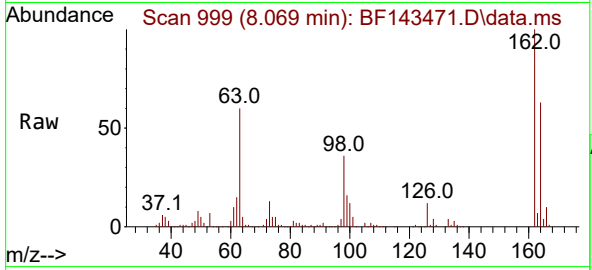


#29
 2,4-Dichlorophenol
 Concen: 43.461 ng
 RT: 8.069 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:162 Resp: 321353

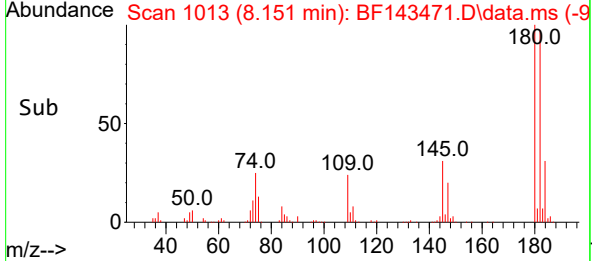
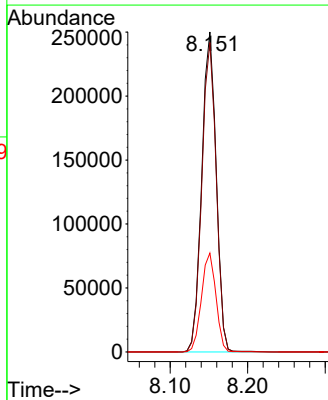
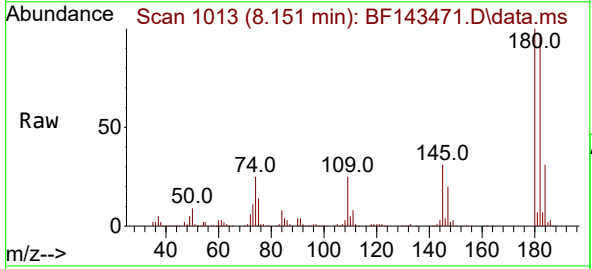
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 164 | 63.4 | 44.3 | 84.3 |
| 98 | 36.3 | 16.9 | 56.9 |

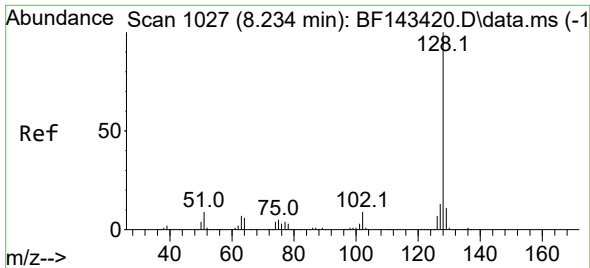


#30
 1,2,4-Trichlorobenzene
 Concen: 42.772 ng
 RT: 8.151 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:180 Resp: 324046

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100 | | |
| 182 | 96.7 | 76.7 | 115.1 |
| 145 | 30.9 | 24.5 | 36.7 |



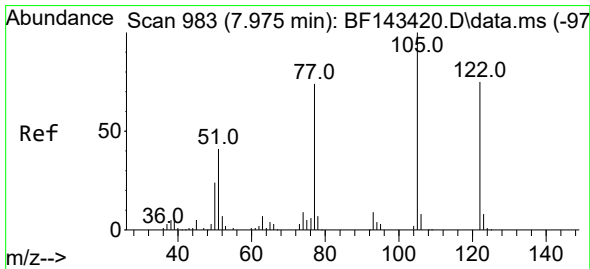
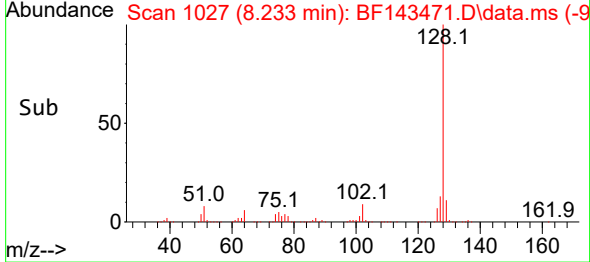
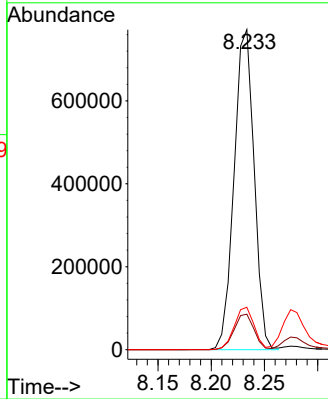
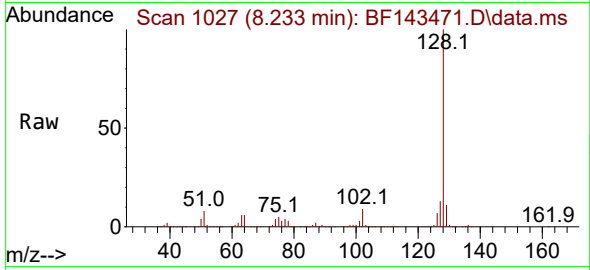


#31
 Naphthalene
 Concen: 40.582 ng
 RT: 8.233 min Scan# 1027
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:128 Resp: 1012251

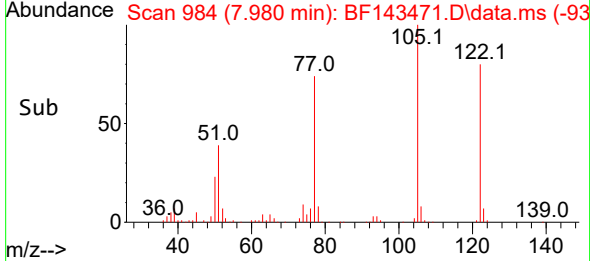
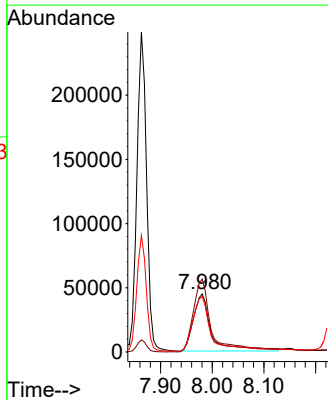
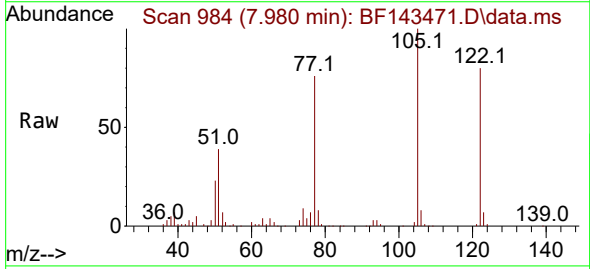
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 129 | 11.1 | 8.9 | 13.3 |
| 127 | 13.2 | 10.6 | 16.0 |

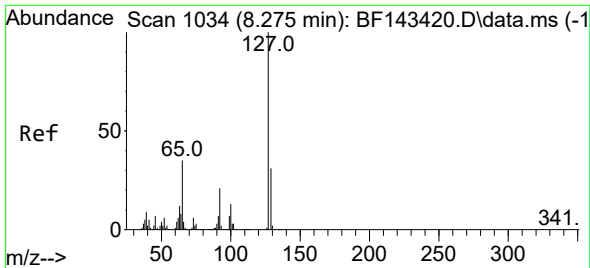


#32
 Benzoic acid
 Concen: 28.836 ng
 RT: 7.980 min Scan# 984
 Delta R.T. 0.005 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:122 Resp: 108778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100 | | |
| 105 | 125.5 | 108.4 | 148.4 |
| 77 | 95.6 | 75.9 | 115.9 |



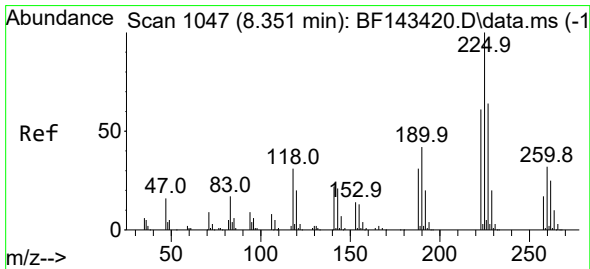
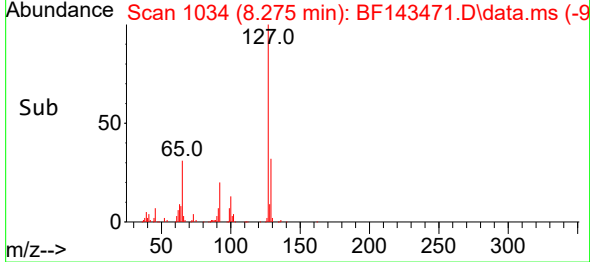
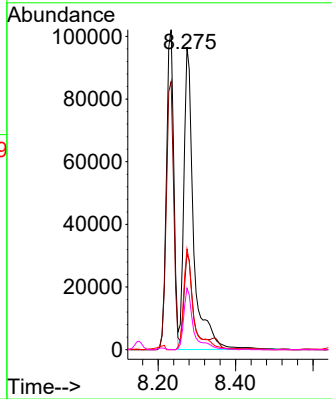
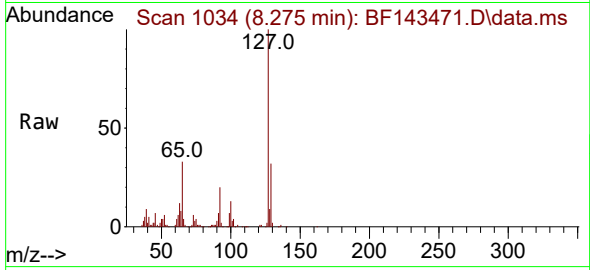


#33
 4-Chloroaniline
 Concen: 18.998 ng
 RT: 8.275 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:127 Resp: 171049

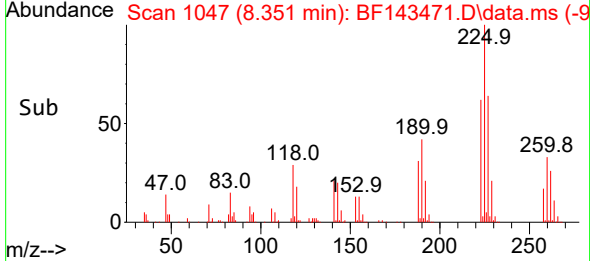
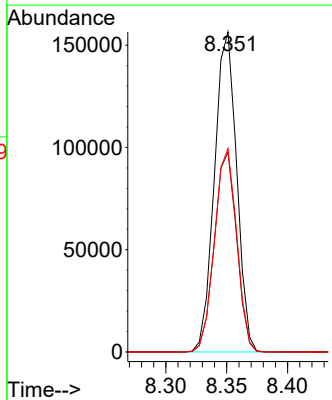
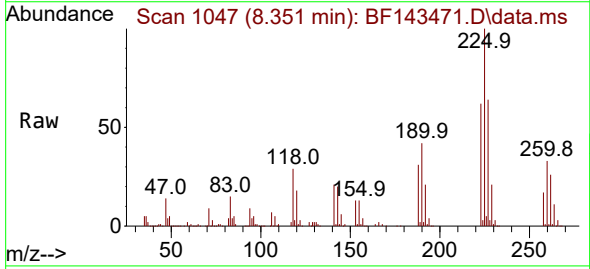
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100 | | |
| 129 | 31.6 | 25.8 | 38.8 |
| 65 | 33.2 | 27.2 | 40.8 |
| 92 | 20.4 | 16.6 | 25.0 |

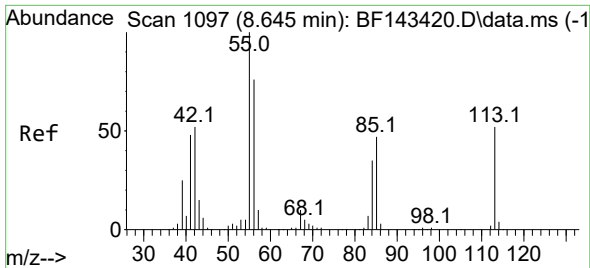


#34
 Hexachlorobutadiene
 Concen: 41.166 ng
 RT: 8.351 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:225 Resp: 198876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100 | | |
| 223 | 62.5 | 49.0 | 73.6 |
| 227 | 63.6 | 51.1 | 76.7 |

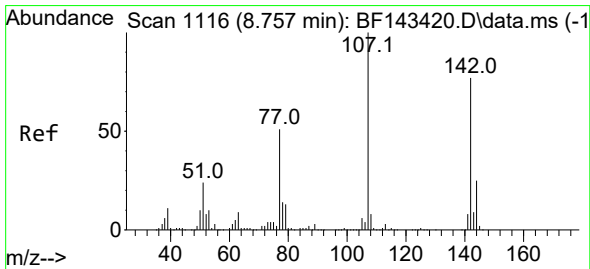
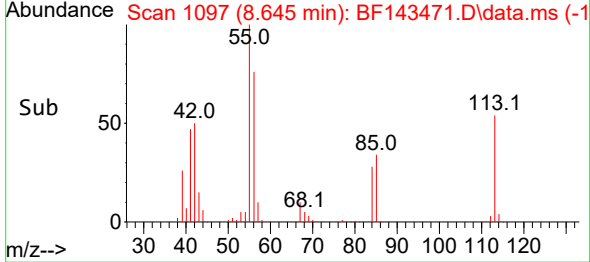
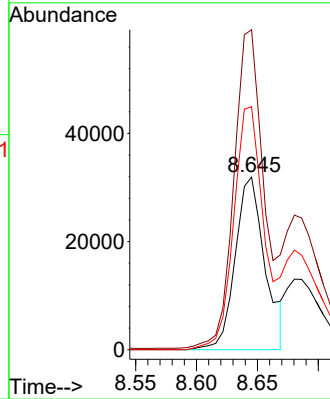
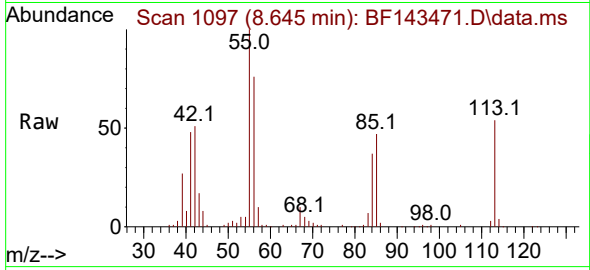




#35
 Caprolactam
 Concen: 25.466 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

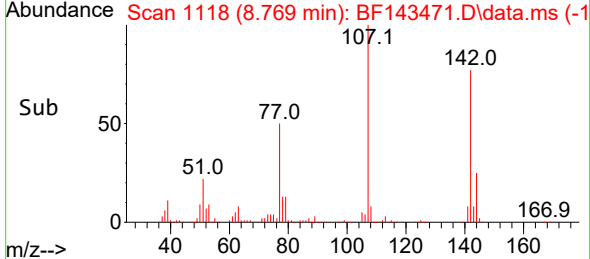
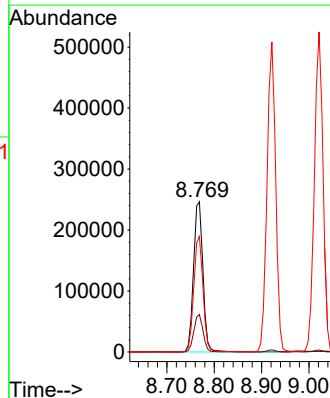
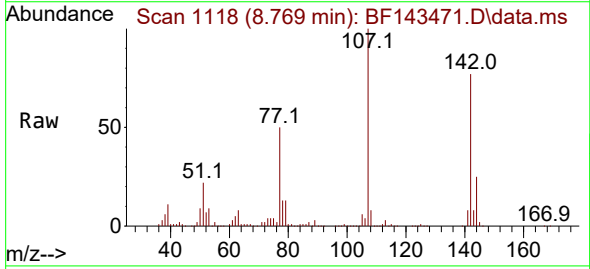
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

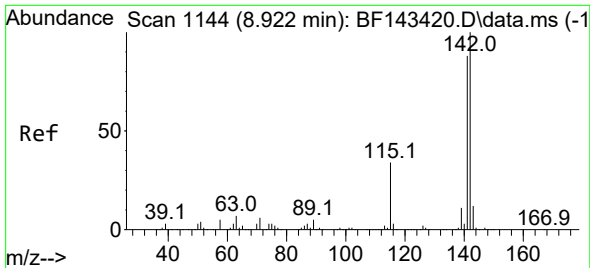
Tgt Ion:113 Resp: 54211
 Ion Ratio Lower Upper
 113 100
 55 185.4 174.7 214.7
 56 140.8 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.671 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. 0.011 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:107 Resp: 340180
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 76.9 62.0 93.0

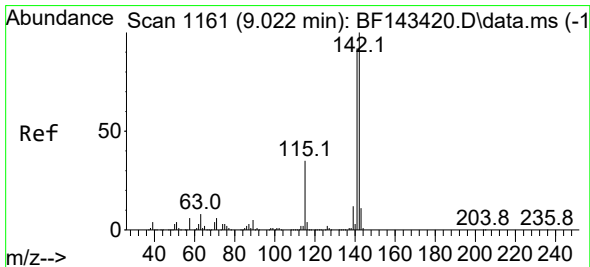
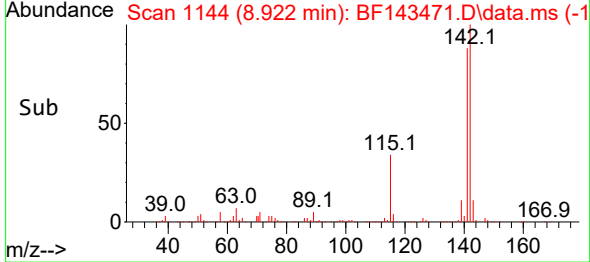
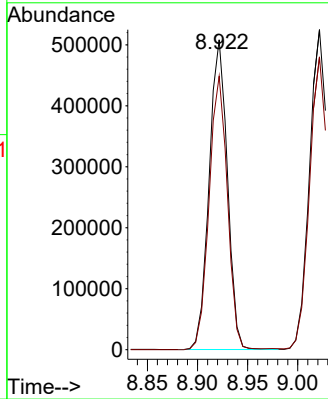
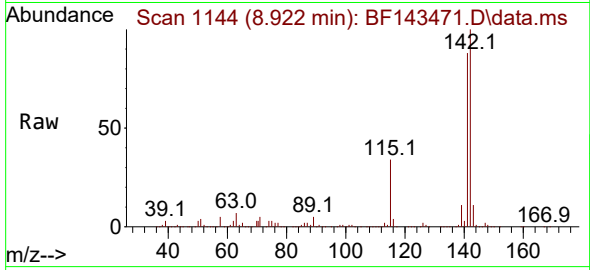




#37
 2-Methylnaphthalene
 Concen: 38.299 ng
 RT: 8.922 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

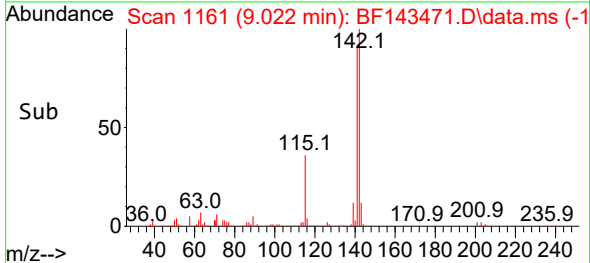
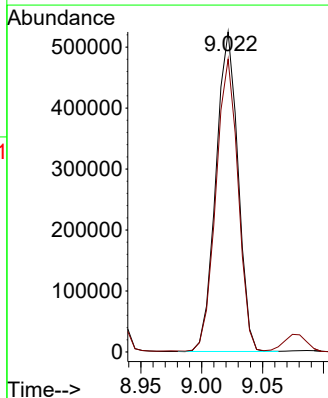
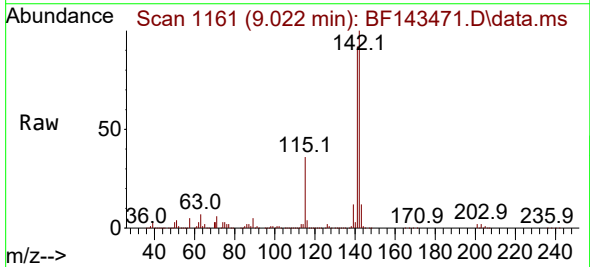
Instrument : BNA_F
 ClientSampleId : VNJ-210MS

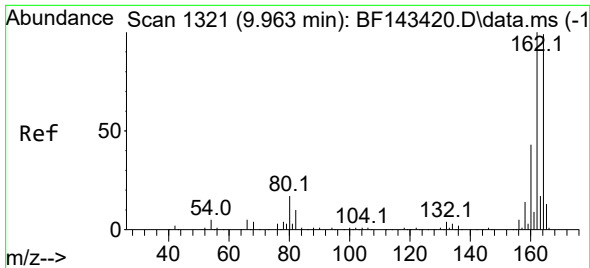
Tgt Ion:142 Resp: 643936
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.3 105.5



#38
 1-Methylnaphthalene
 Concen: 41.188 ng
 RT: 9.022 min Scan# 1161
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:142 Resp: 663490
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.8 110.6



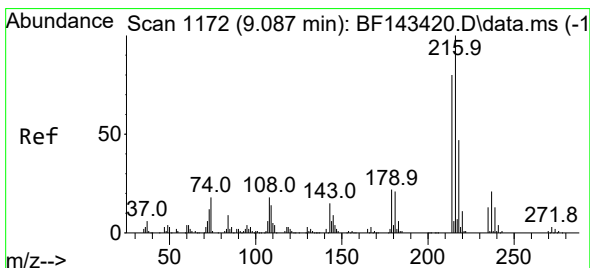
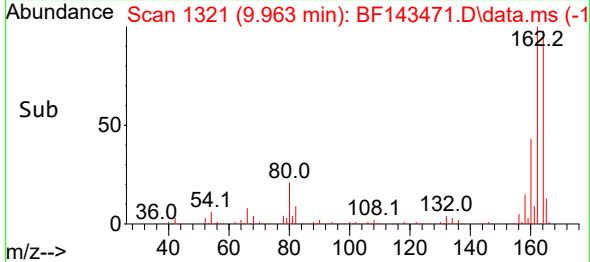
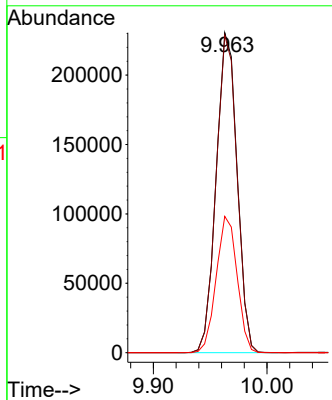
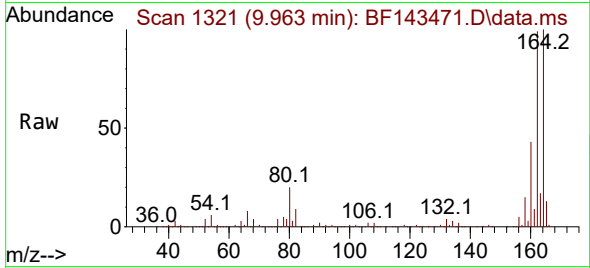


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:164 Resp: 295607

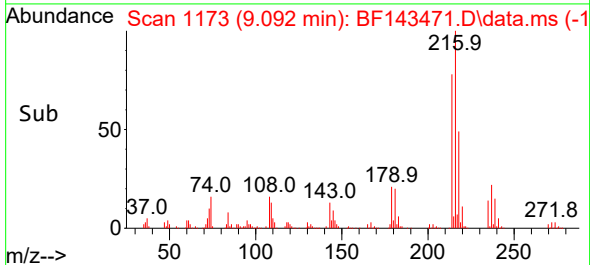
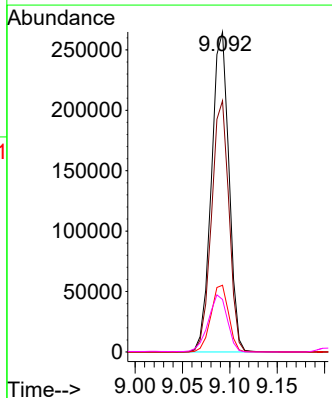
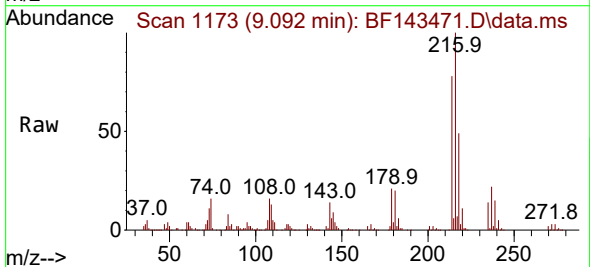
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100 | | |
| 162 | 99.1 | 80.6 | 121.0 |
| 160 | 42.6 | 34.6 | 51.8 |

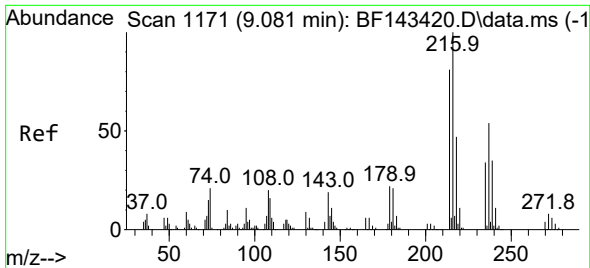


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.169 ng
 RT: 9.092 min Scan# 1173
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:216 Resp: 339402

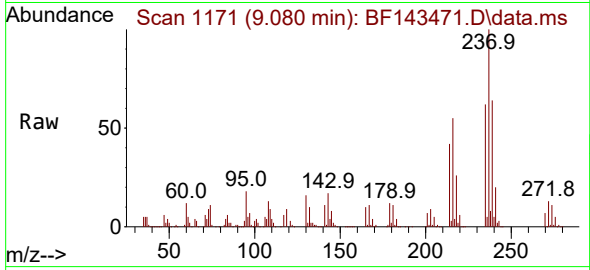
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100 | | |
| 214 | 78.3 | 63.7 | 95.5 |
| 179 | 21.1 | 17.0 | 25.4 |
| 108 | 19.6 | 14.3 | 21.5 |



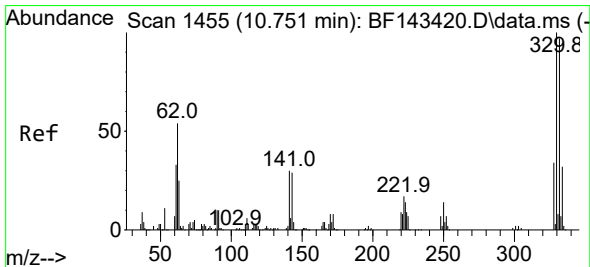
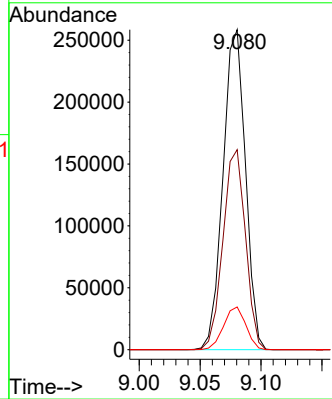
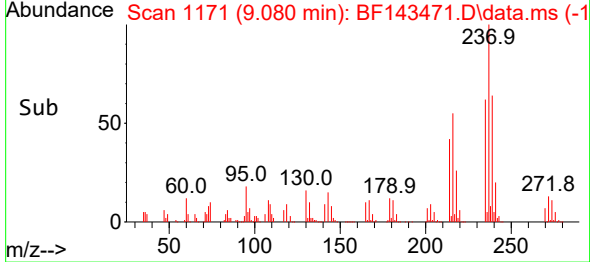


#41
 Hexachlorocyclopentadiene
 Concen: 107.648 ng
 RT: 9.080 min Scan# 1171
 Delta R.T. -0.001 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

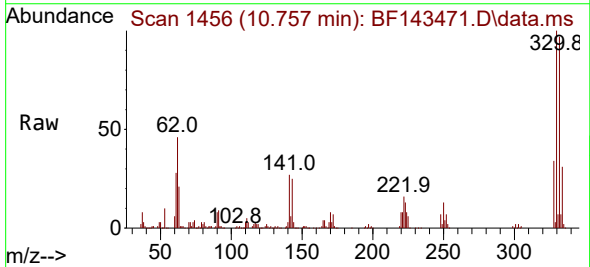
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



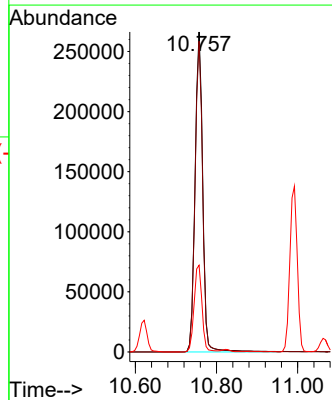
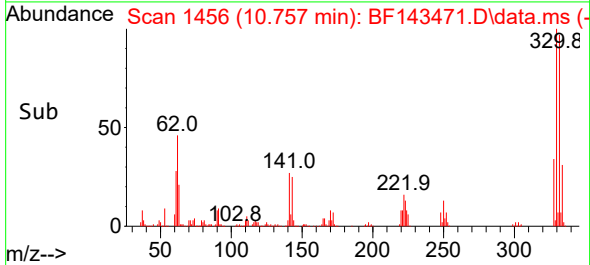
Tgt Ion:237 Resp: 331123
 Ion Ratio Lower Upper
 237 100
 235 62.5 41.6 81.6
 272 13.3 0.0 33.8

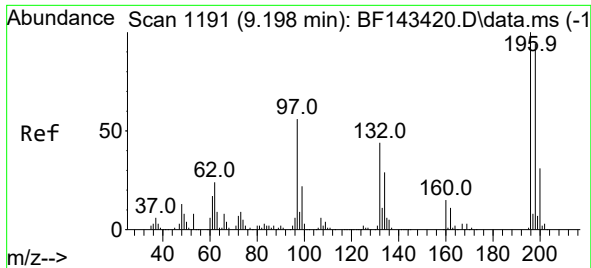


#42
 2,4,6-Tribromophenol
 Concen: 133.248 ng
 RT: 10.757 min Scan# 1456
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:330 Resp: 350593
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 28.0 24.1 36.1

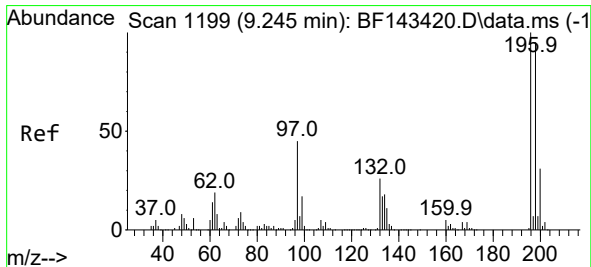
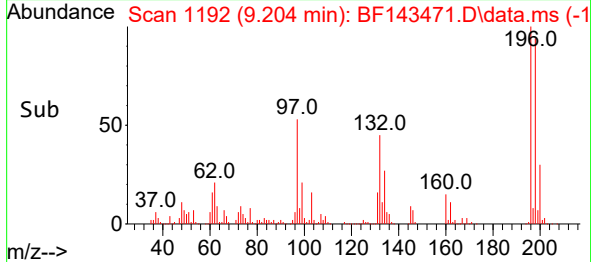
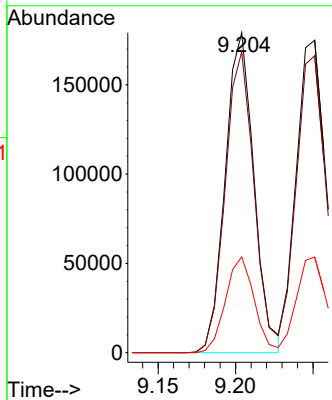
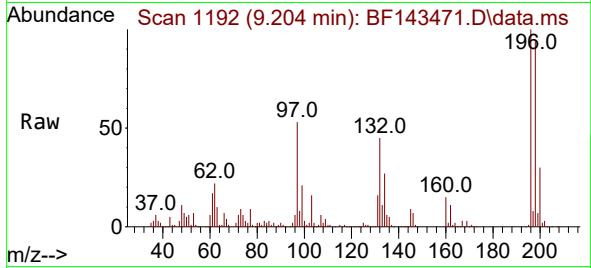




#43
 2,4,6-Trichlorophenol
 Concen: 44.868 ng
 RT: 9.204 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

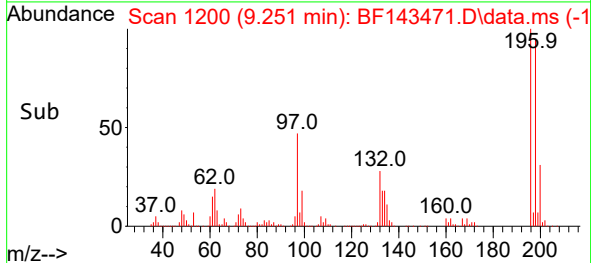
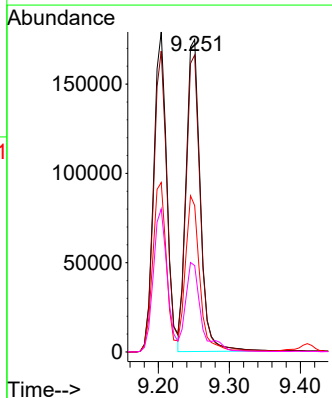
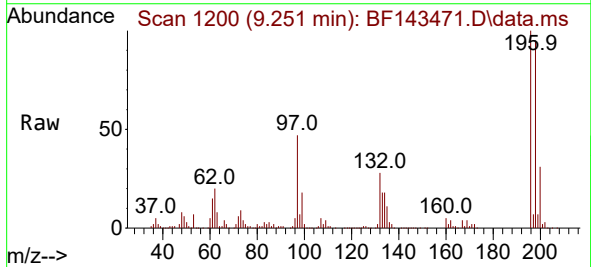
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

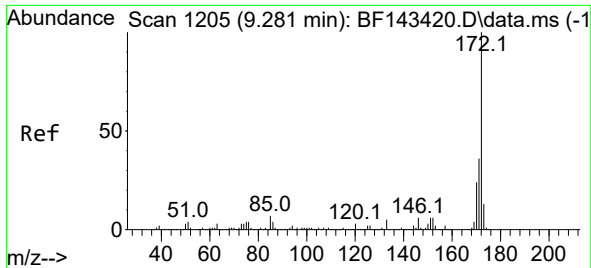
Tgt Ion:196 Resp: 230740
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.4 113.2
 200 30.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.274 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:196 Resp: 244063
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 46.9 36.6 55.0
 132 27.6 21.5 32.3



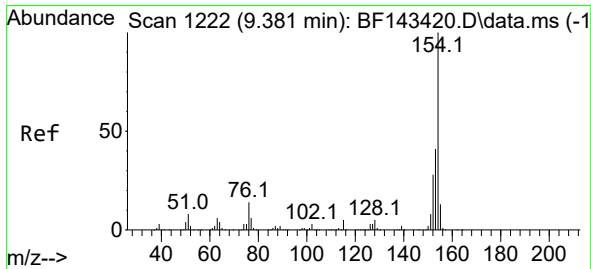
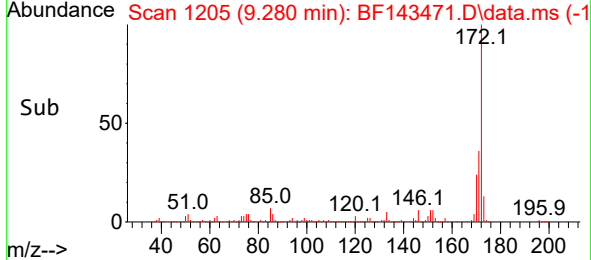
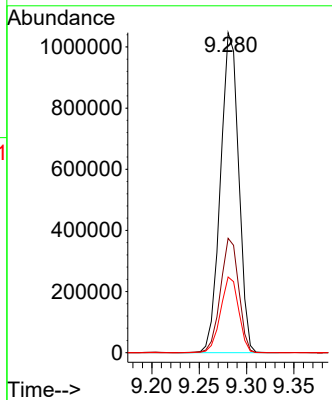
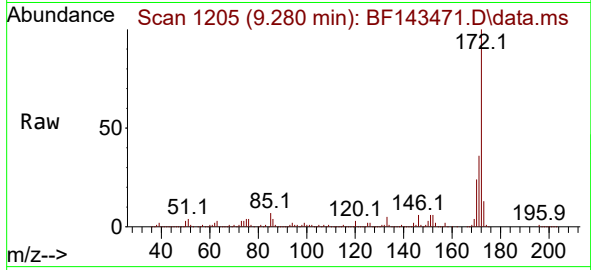


#45
 2-Fluorobiphenyl
 Concen: 79.819 ng
 RT: 9.280 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:172 Resp: 1402811

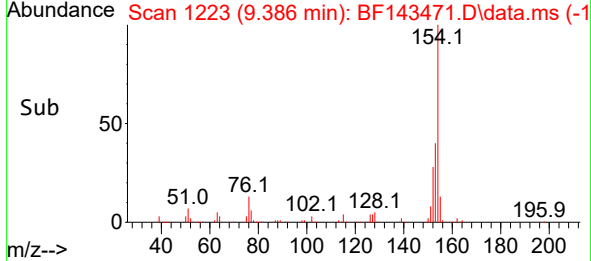
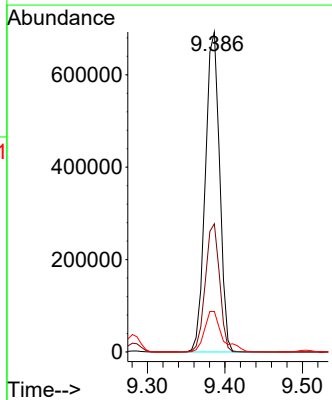
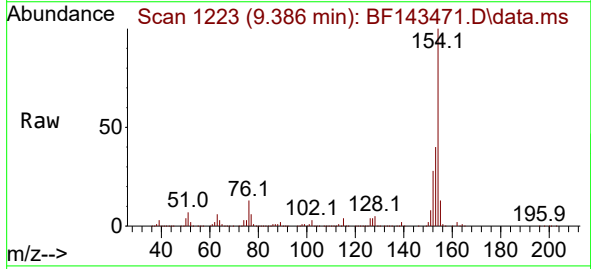
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100 | | |
| 171 | 35.7 | 28.7 | 43.1 |
| 170 | 23.6 | 19.0 | 28.6 |

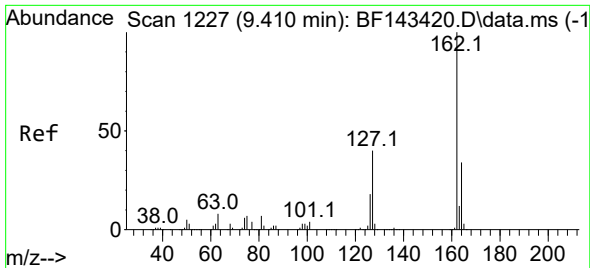


#46
 1,1'-Biphenyl
 Concen: 42.781 ng
 RT: 9.386 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:154 Resp: 888555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 40.0 | 20.6 | 60.6 |
| 76 | 12.7 | 0.0 | 33.8 |



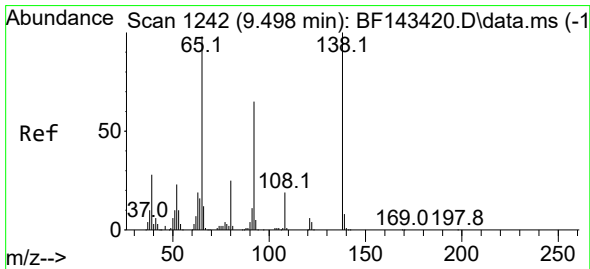
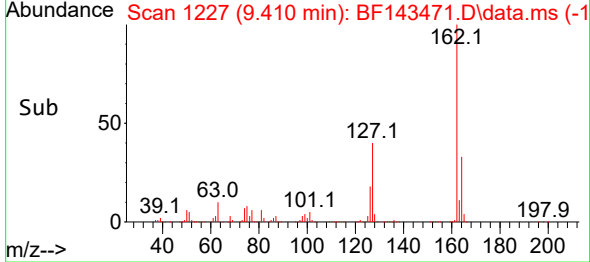
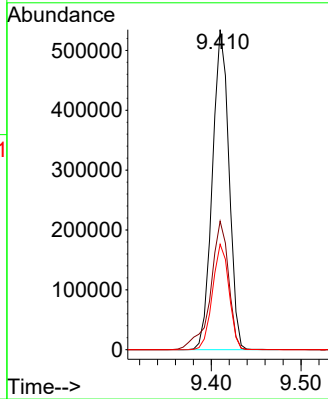
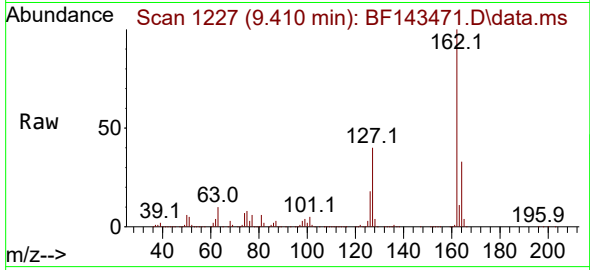


#47
 2-Chloronaphthalene
 Concen: 41.858 ng
 RT: 9.410 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:162 Resp: 686253

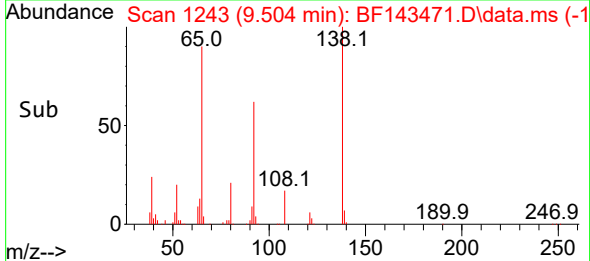
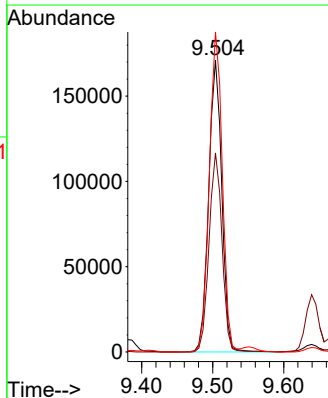
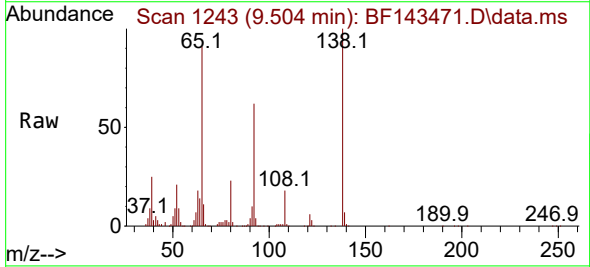
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 127 | 40.1 | 32.3 | 48.5 |
| 164 | 33.0 | 26.9 | 40.3 |

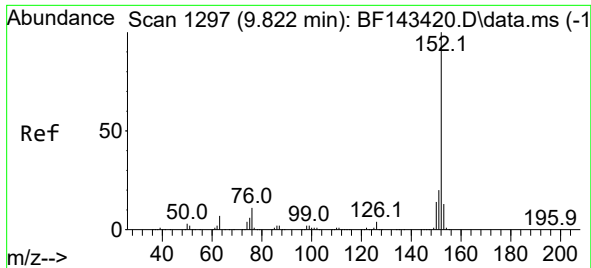


#48
 2-Nitroaniline
 Concen: 45.068 ng
 RT: 9.504 min Scan# 1243
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 65 Resp: 219885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65 | 100 | | |
| 92 | 68.2 | 52.9 | 79.3 |
| 138 | 109.6 | 81.3 | 121.9 |

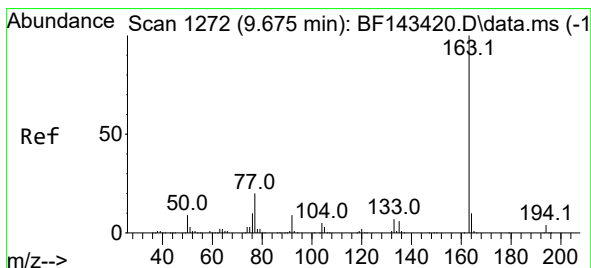
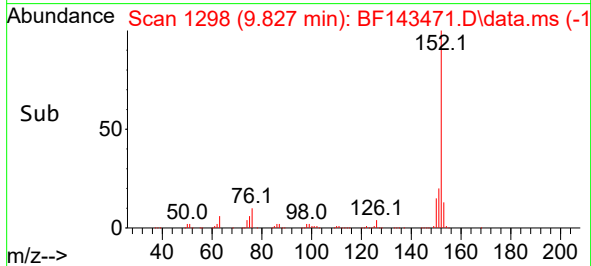
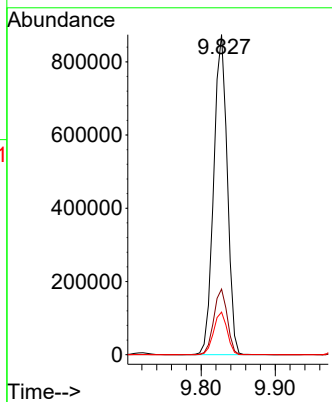
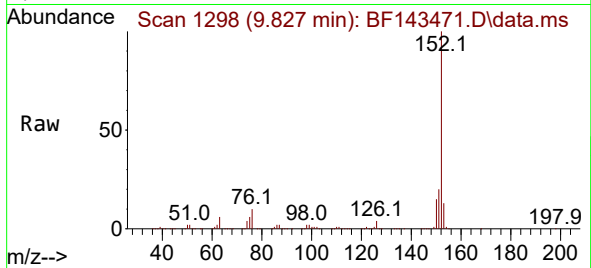




#49
 Acenaphthylene
 Concen: 46.861 ng
 RT: 9.827 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

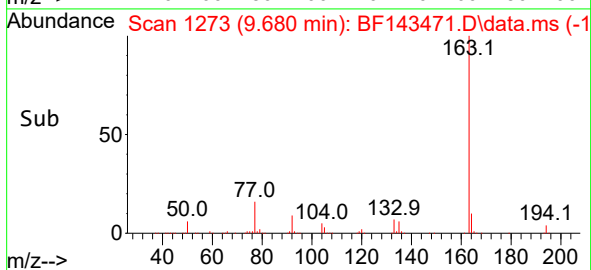
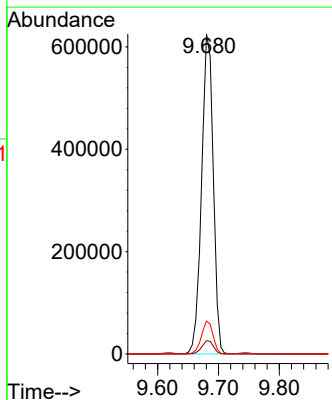
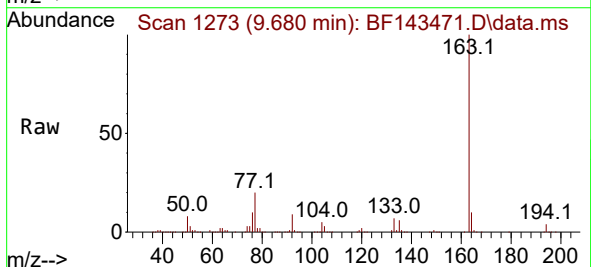
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

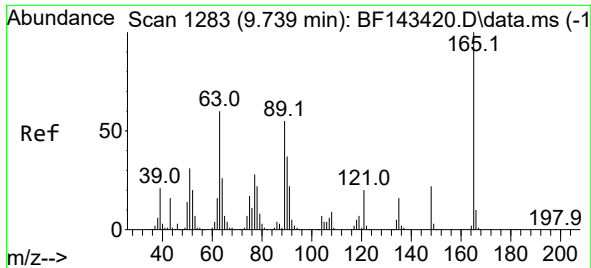
Tgt Ion:152 Resp: 1109270
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.0 24.0
 153 13.3 10.8 16.2



#50
 Dimethylphthalate
 Concen: 45.306 ng
 RT: 9.680 min Scan# 1273
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

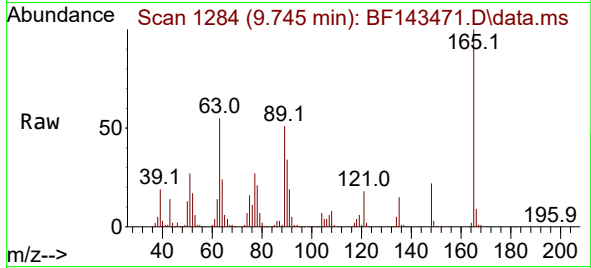
Tgt Ion:163 Resp: 834976
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.3 8.2 12.4



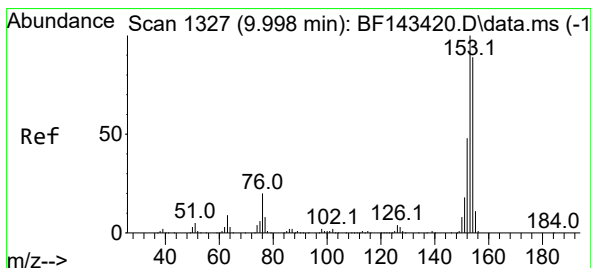
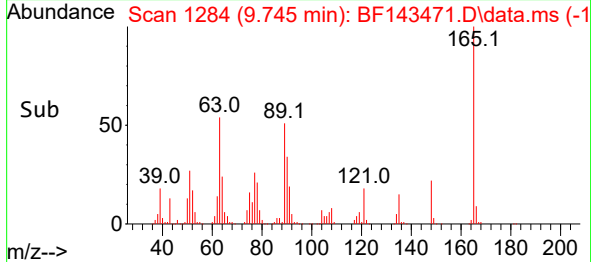
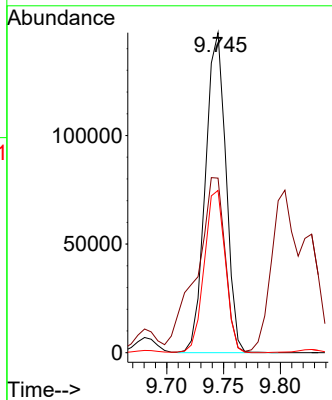


#51
 2,6-Dinitrotoluene
 Concen: 50.983 ng
 RT: 9.745 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

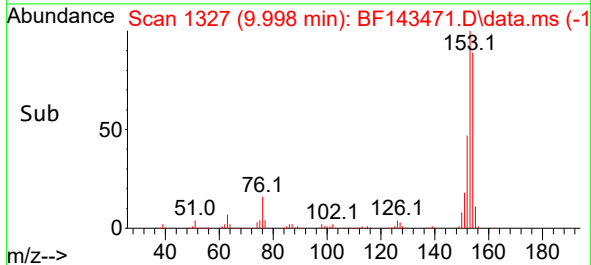
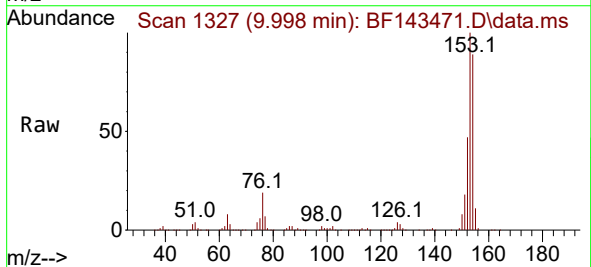
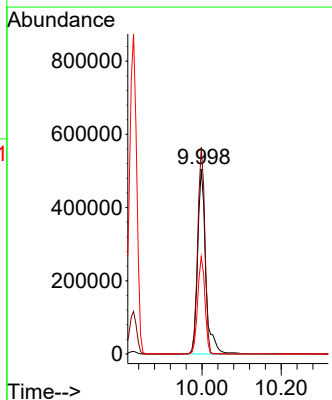


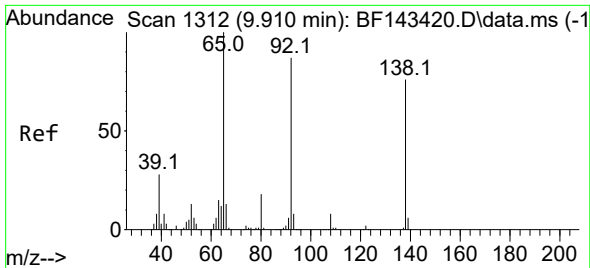
Tgt Ion:165 Resp: 185226
 Ion Ratio Lower Upper
 165 100
 63 54.6 48.2 72.2
 89 50.7 44.2 66.2



#52
 Acenaphthene
 Concen: 44.915 ng
 RT: 9.998 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:154 Resp: 715084
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.5 134.3
 152 52.7 42.6 64.0



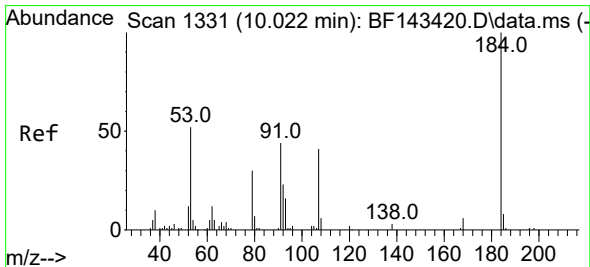
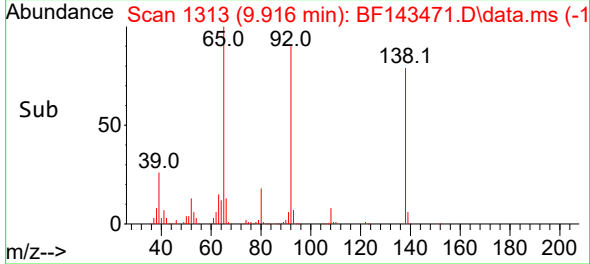
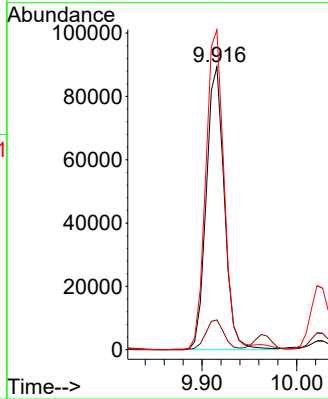
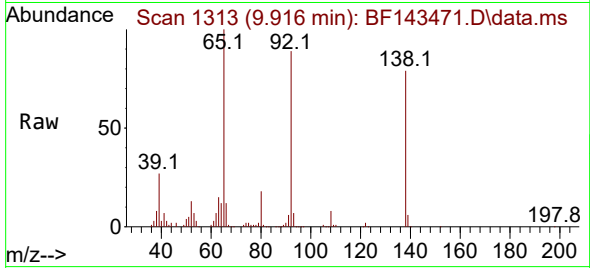


#53
 3-Nitroaniline
 Concen: 29.189 ng
 RT: 9.916 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:138 Resp: 118128

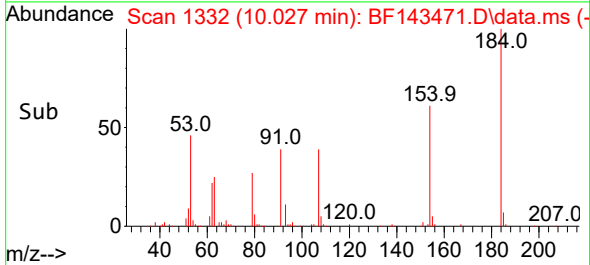
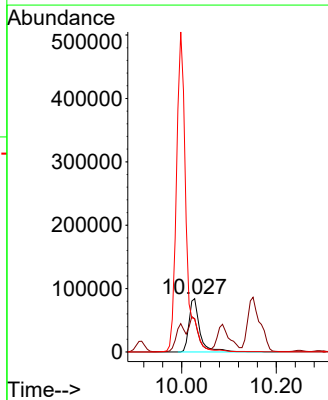
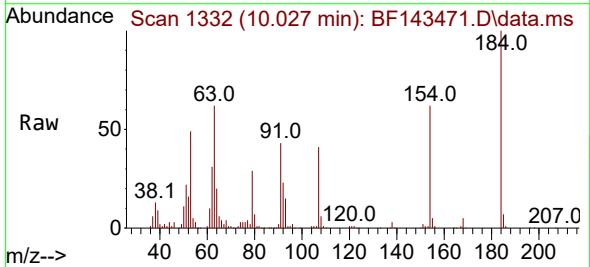
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100 | | |
| 108 | 10.5 | 8.7 | 13.1 |
| 92 | 113.0 | 91.4 | 137.2 |

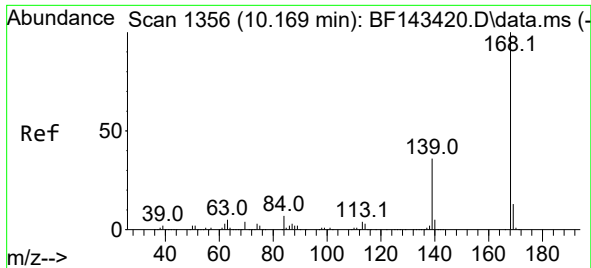


#54
 2,4-Dinitrophenol
 Concen: 79.694 ng
 RT: 10.027 min Scan# 1332
 Delta R.T. 0.005 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:184 Resp: 134565

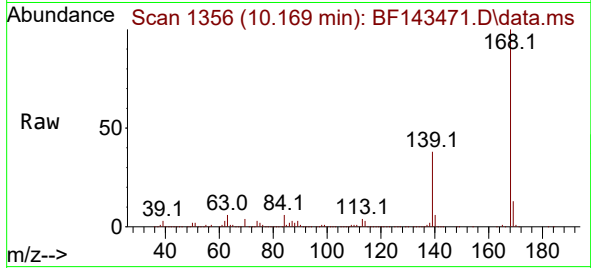
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100 | | |
| 63 | 62.5 | 53.2 | 79.8 |
| 154 | 61.7 | 51.3 | 76.9 |



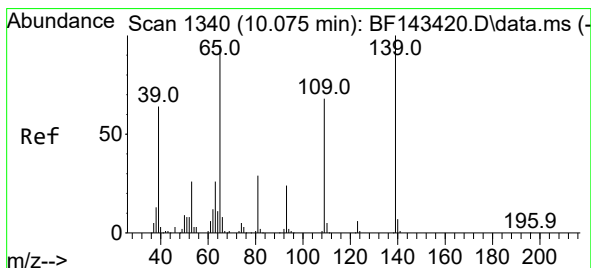
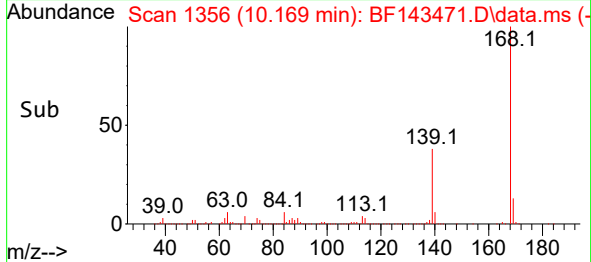
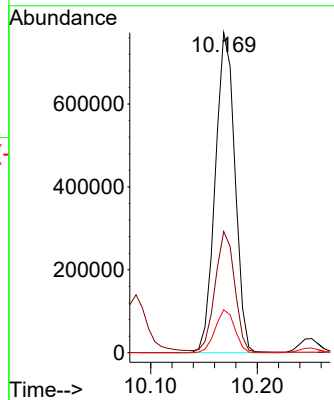


#55
 Dibenzofuran
 Concen: 43.018 ng
 RT: 10.169 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

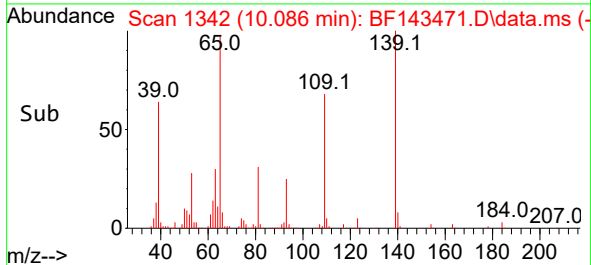
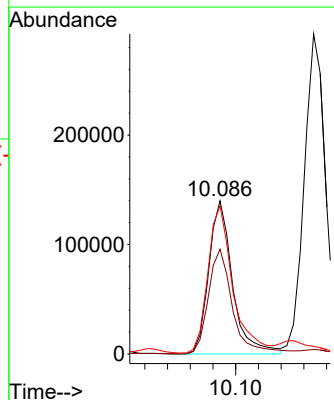
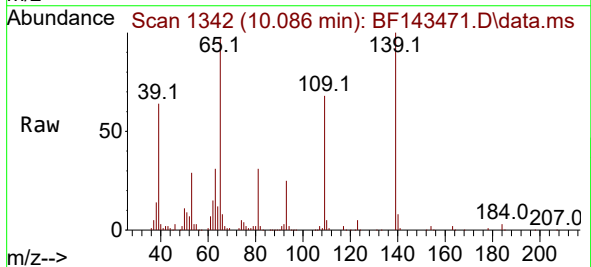


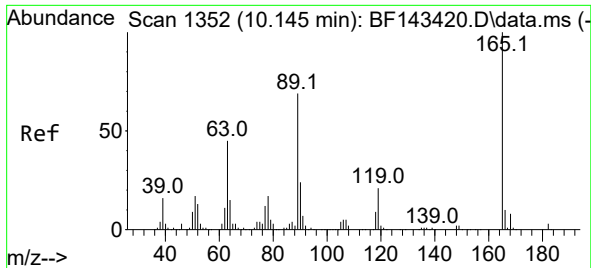
Tgt Ion:168 Resp: 988001
 Ion Ratio Lower Upper
 168 100
 139 37.9 29.3 43.9
 169 13.4 10.8 16.2



#56
 4-Nitrophenol
 Concen: 80.074 ng
 RT: 10.086 min Scan# 1342
 Delta R.T. 0.012 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:139 Resp: 203735
 Ion Ratio Lower Upper
 139 100
 109 68.4 47.7 87.7
 65 96.9 76.4 116.4





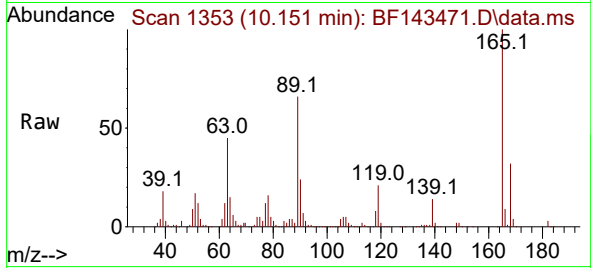
#57
 2,4-Dinitrotoluene
 Concen: 50.575 ng
 RT: 10.151 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

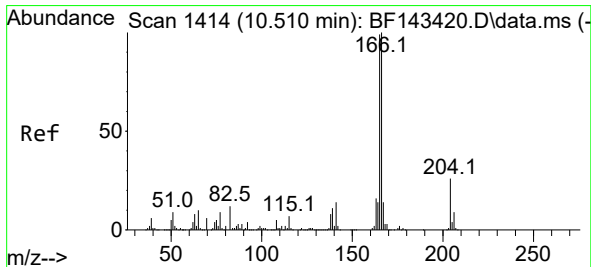
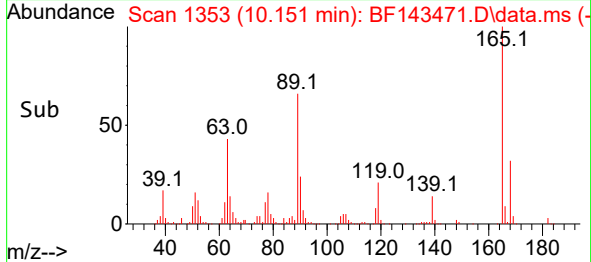
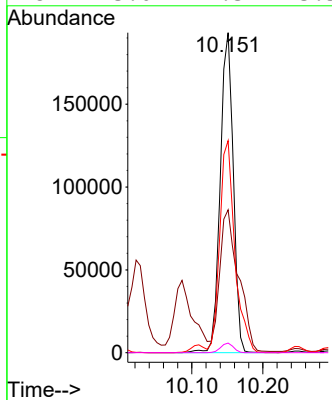
ClientSampleId :

VNJ-210MS



Tgt Ion:165 Resp: 244973

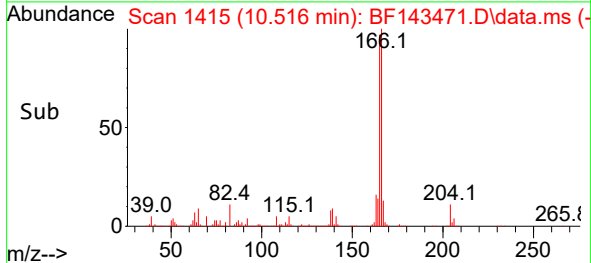
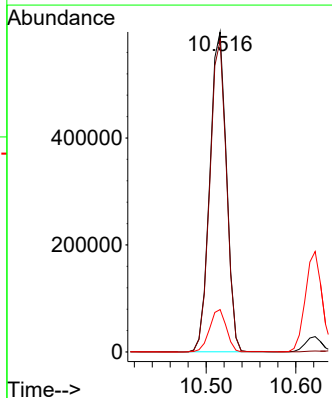
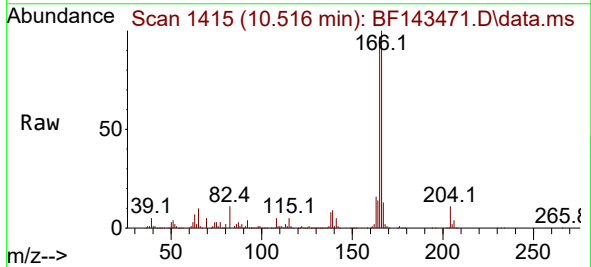
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100 | | |
| 63 | 44.6 | 37.0 | 55.6 |
| 89 | 66.2 | 55.4 | 83.0 |
| 182 | 3.0 | 2.3 | 3.5 |

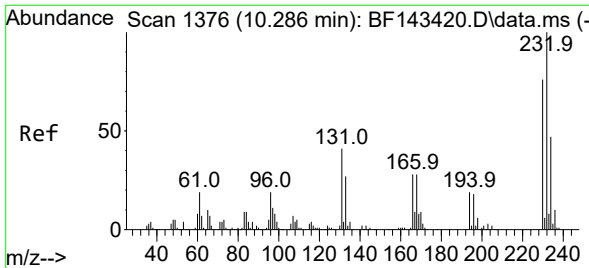


#58
 Fluorene
 Concen: 43.608 ng
 RT: 10.516 min Scan# 1415
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:166 Resp: 769412

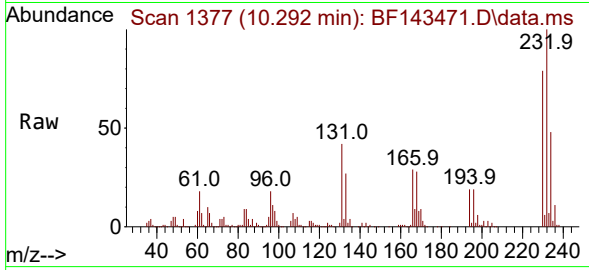
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100 | | |
| 165 | 97.3 | 79.0 | 118.6 |
| 167 | 13.3 | 10.9 | 16.3 |



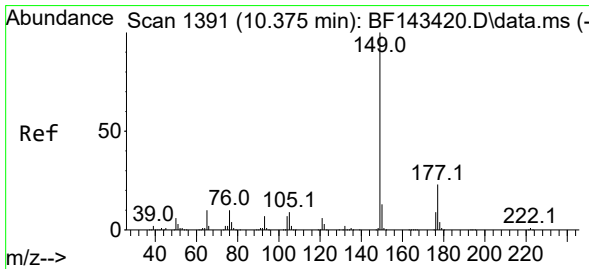
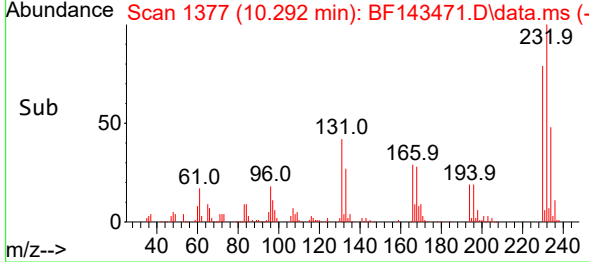
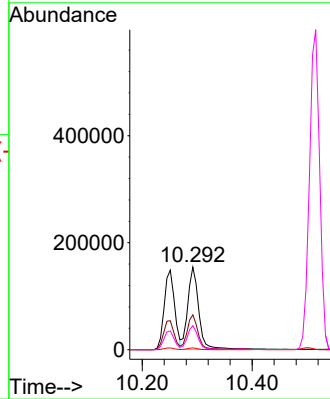


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.535 ng
 RT: 10.292 min Scan# 1377
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

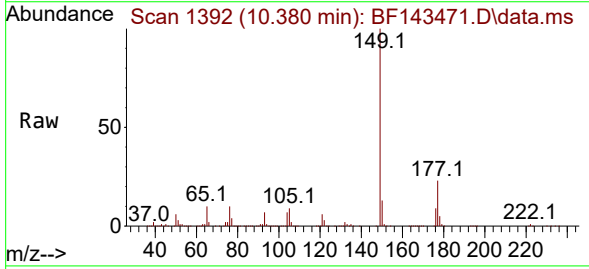
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



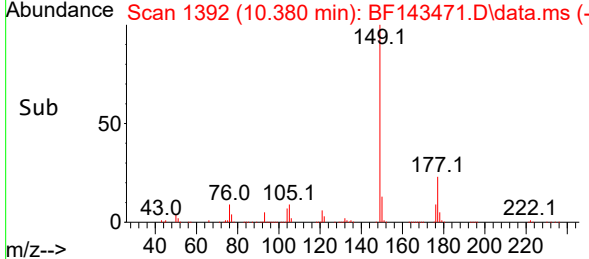
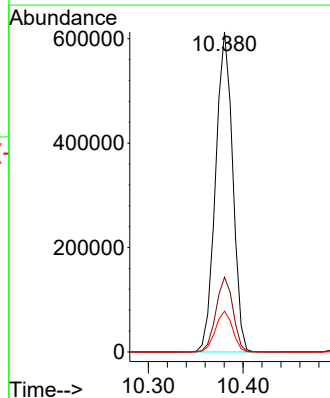
Tgt Ion:232 Resp: 215048
 Ion Ratio Lower Upper
 232 100
 131 41.3 32.0 48.0
 130 2.1 1.7 2.5
 166 27.3 21.7 32.5

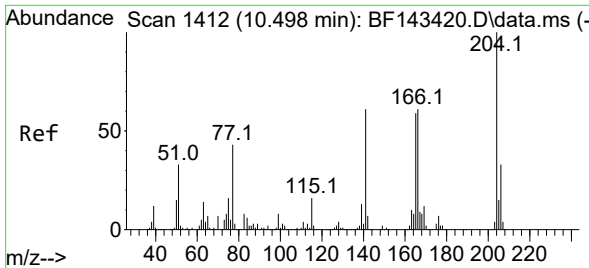


#60
 Diethylphthalate
 Concen: 45.118 ng
 RT: 10.380 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:149 Resp: 768397
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.2 27.4
 150 12.7 10.1 15.1

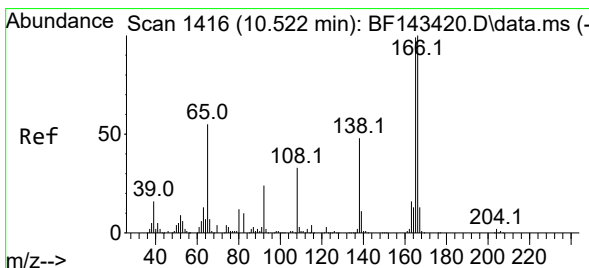
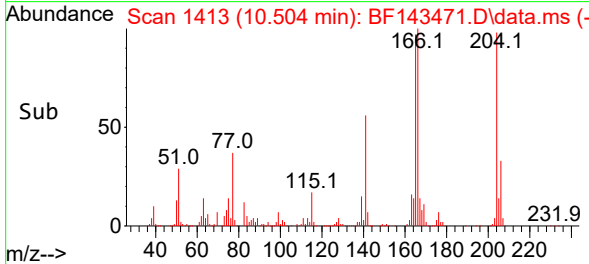
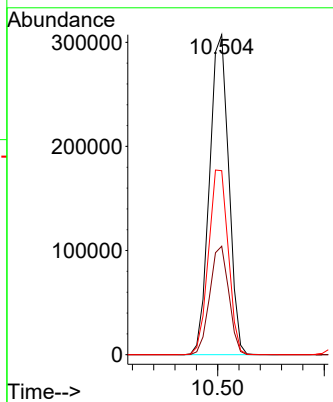
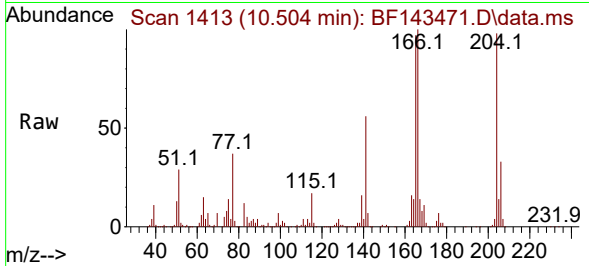




#61
 4-Chlorophenyl-phenylether
 Concen: 44.047 ng
 RT: 10.504 min Scan# 1412
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

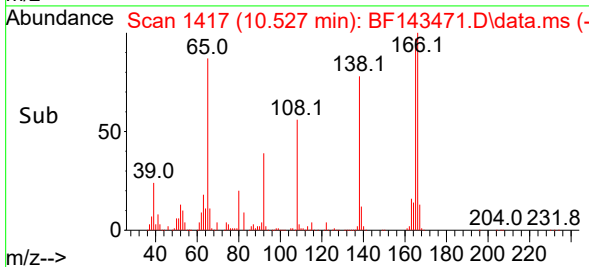
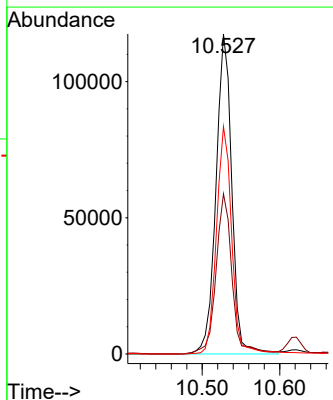
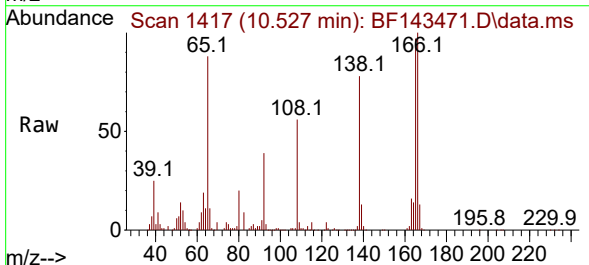
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

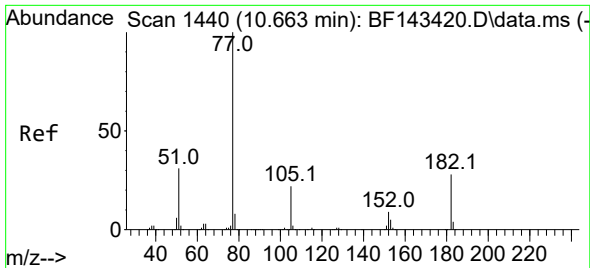
Tgt Ion:204 Resp: 384232
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.5 39.7
 141 57.5 49.0 73.4



#62
 4-Nitroaniline
 Concen: 44.040 ng
 RT: 10.527 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

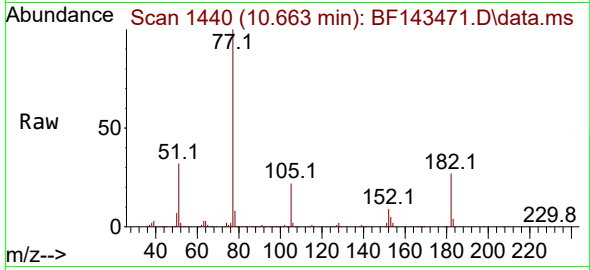
Tgt Ion:138 Resp: 166680
 Ion Ratio Lower Upper
 138 100
 92 50.0 29.4 69.4
 108 71.1 48.6 88.6





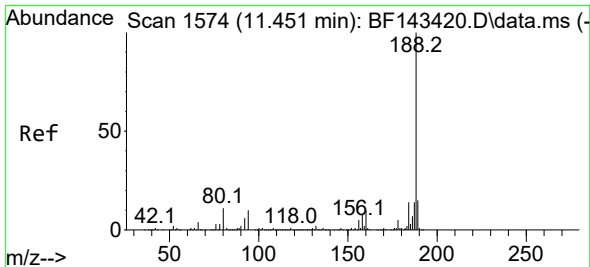
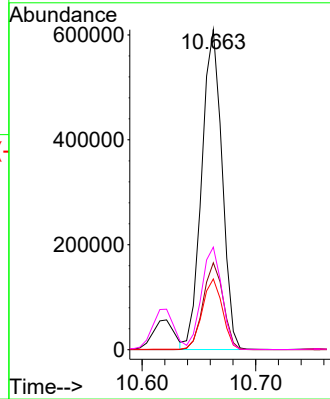
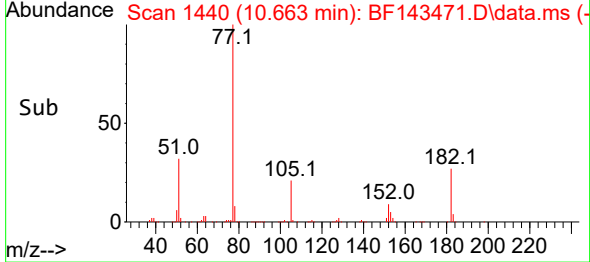
#63
 Azobenzene
 Concen: 44.016 ng
 RT: 10.663 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

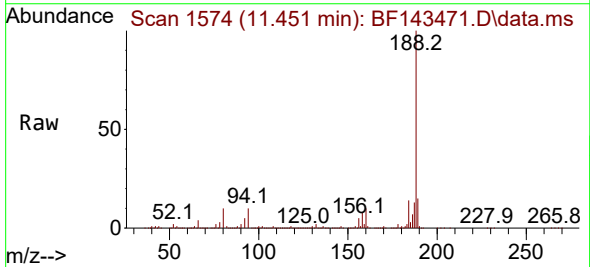


Tgt Ion: 77 Resp: 757659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 182 | 27.1 | 7.4 | 47.4 |
| 105 | 22.1 | 1.7 | 41.7 |
| 51 | 32.1 | 12.4 | 52.4 |

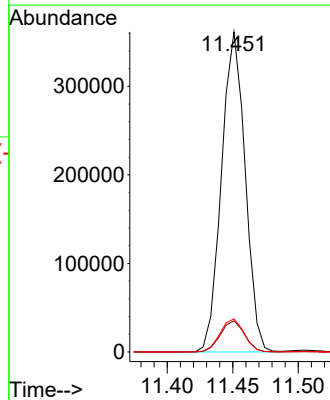
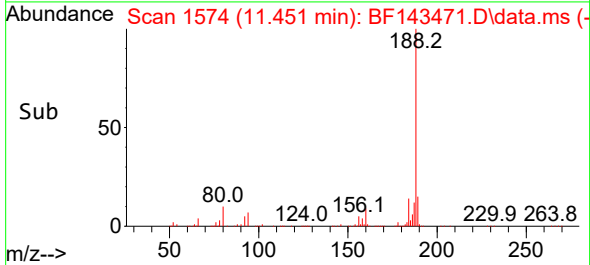


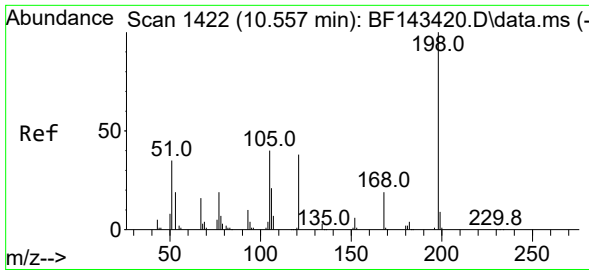
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.451 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion: 188 Resp: 453633

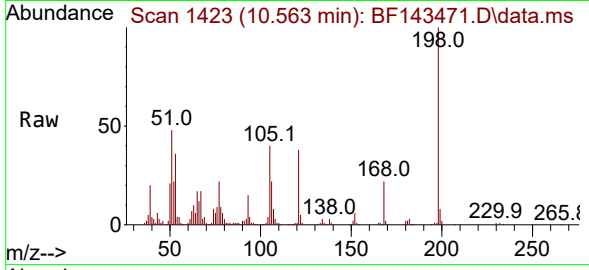
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100 | | |
| 94 | 9.8 | 8.0 | 12.0 |
| 80 | 10.4 | 8.6 | 12.8 |



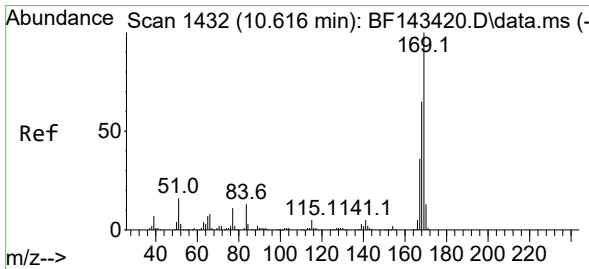
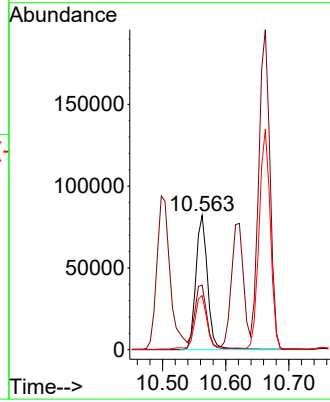
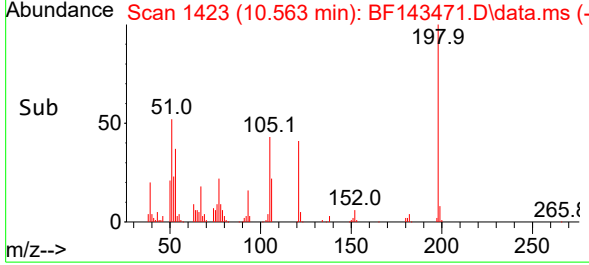


#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.463 ng
 RT: 10.563 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

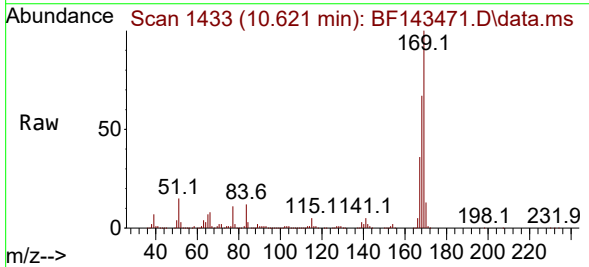
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



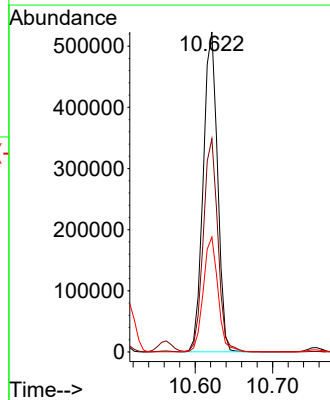
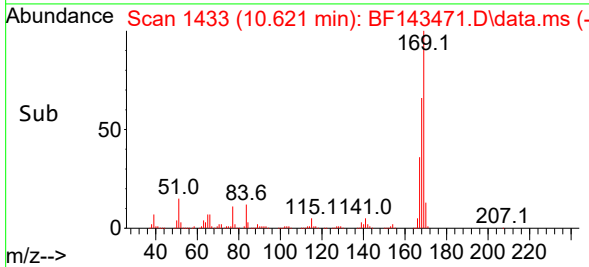
Tgt Ion:198 Resp: 106411
 Ion Ratio Lower Upper
 198 100
 51 48.1 31.2 71.2
 105 40.3 21.7 61.7

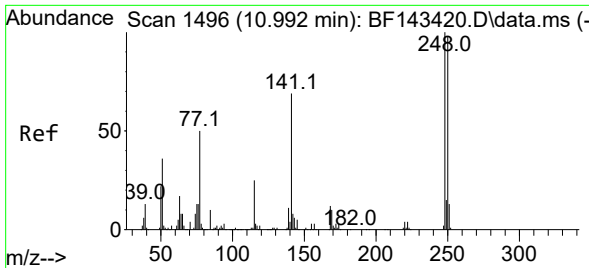


#66
 n-Nitrosodiphenylamine
 Concen: 45.368 ng
 RT: 10.621 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:169 Resp: 669186
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.5 78.7
 167 35.9 28.6 42.8



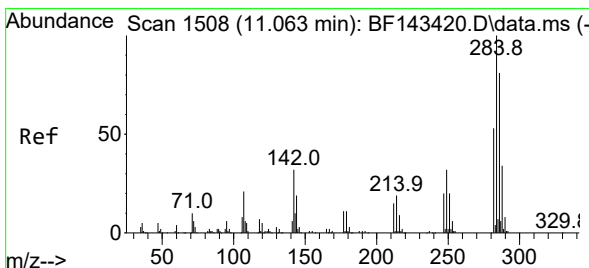
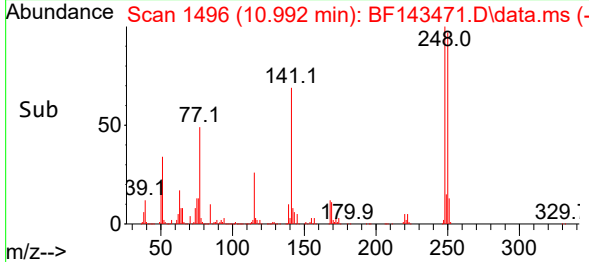
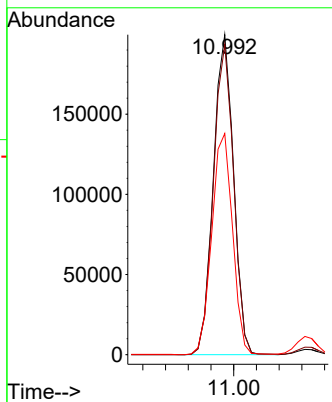
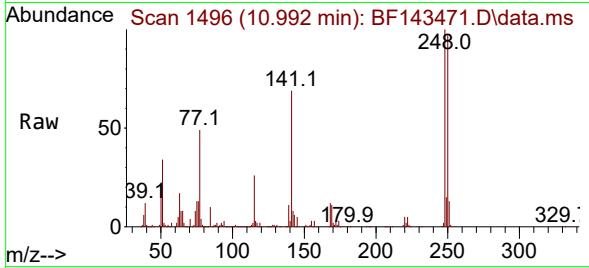


#67
 4-Bromophenyl-phenylether
 Concen: 46.075 ng
 RT: 10.992 min Scan# 1496
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:248 Resp: 246812

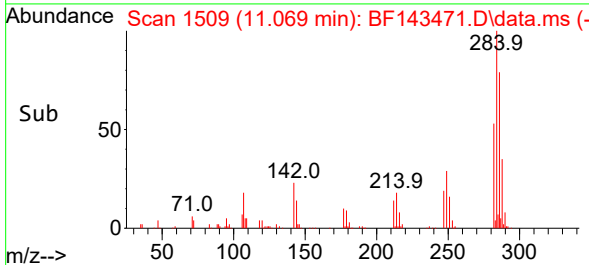
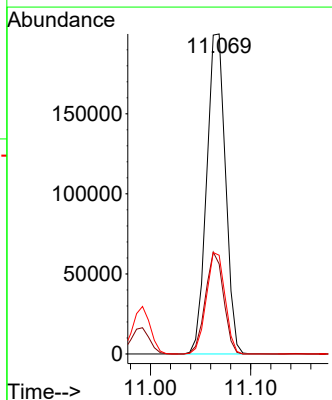
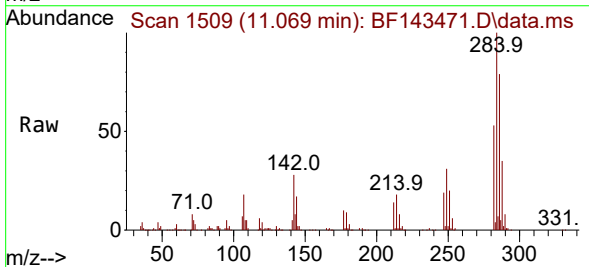
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100 | | |
| 250 | 96.9 | 78.6 | 118.0 |
| 141 | 69.1 | 54.9 | 82.3 |

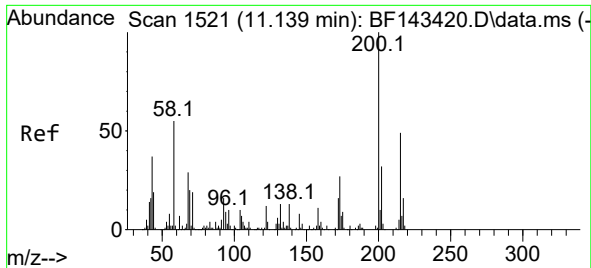


#68
 Hexachlorobenzene
 Concen: 45.889 ng
 RT: 11.069 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:284 Resp: 261331

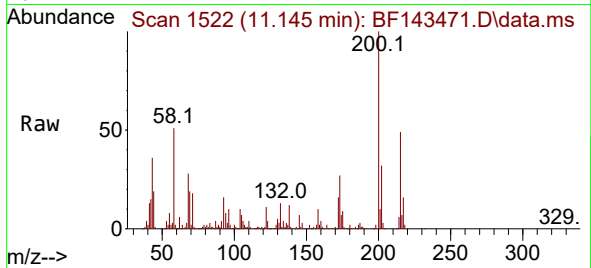
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100 | | |
| 142 | 28.1 | 25.4 | 38.2 |
| 249 | 30.8 | 25.4 | 38.0 |



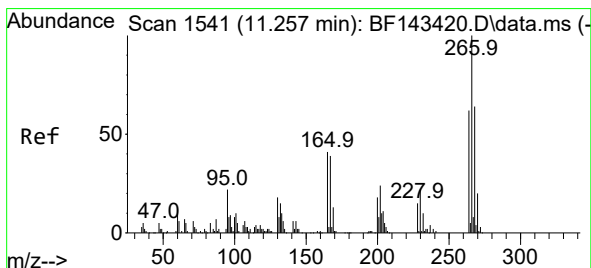
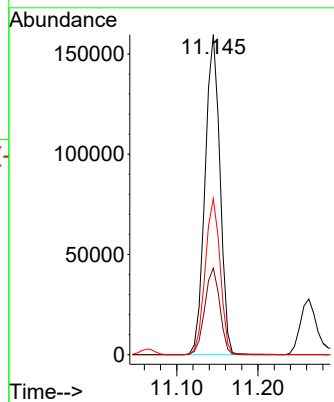
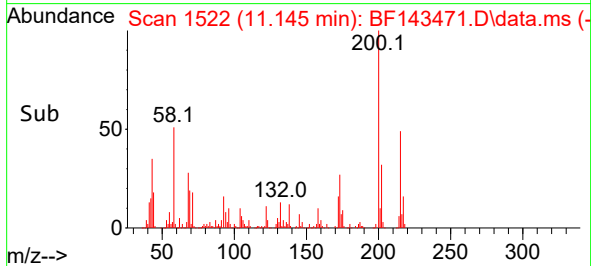


#69
 Atrazine
 Concen: 47.142 ng
 RT: 11.145 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

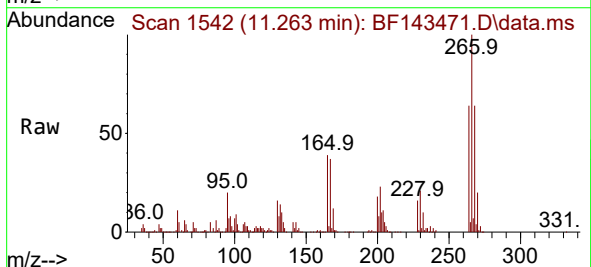
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



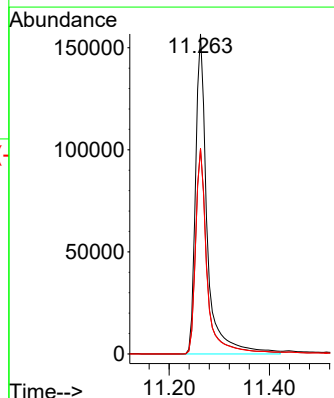
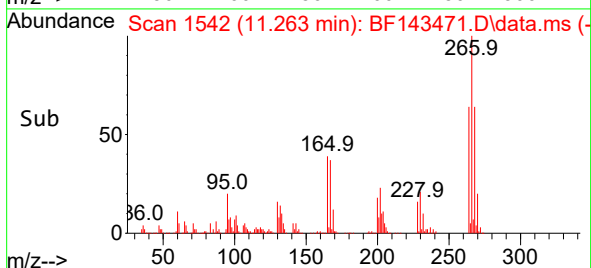
Tgt Ion:200 Resp: 203384
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.6 46.6
 215 48.7 29.5 69.5

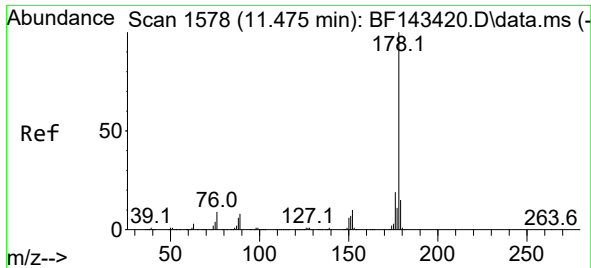


#70
 Pentachlorophenol
 Concen: 100.931 ng
 RT: 11.263 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



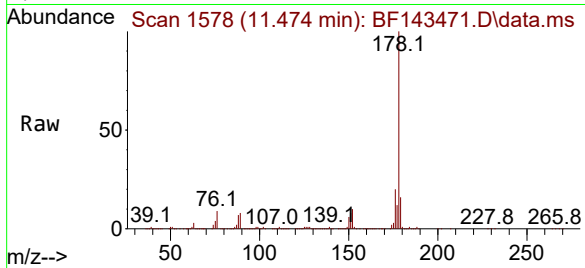
Tgt Ion:266 Resp: 252772
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.0 76.6
 264 64.2 49.3 73.9



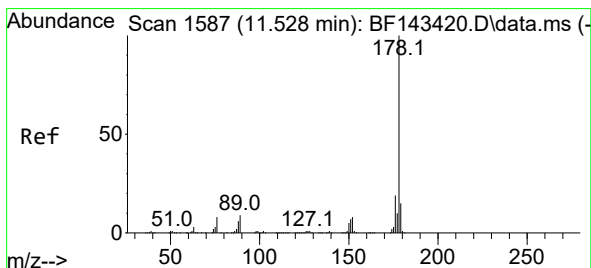
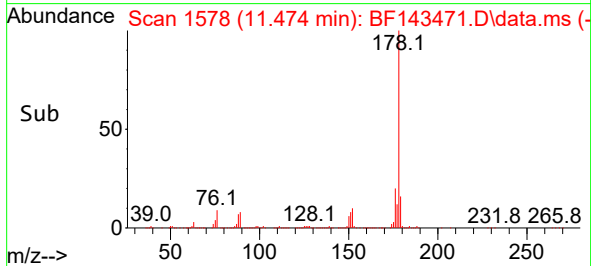
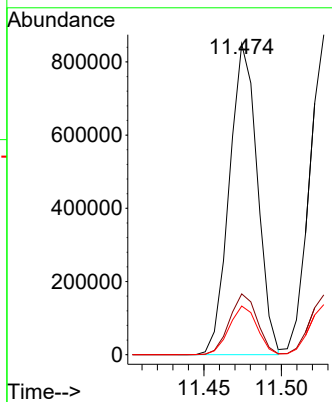


#71
 Phenanthrene
 Concen: 43.387 ng
 RT: 11.474 min Scan# 1578
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

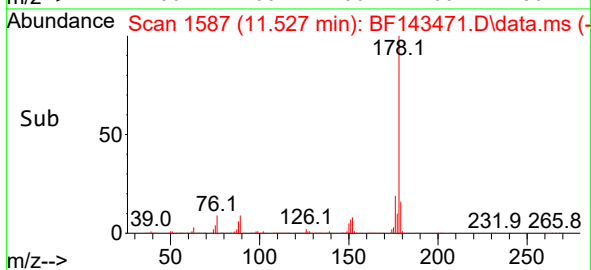
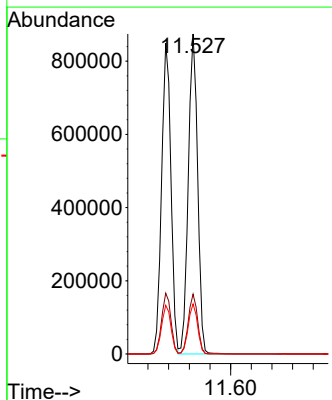
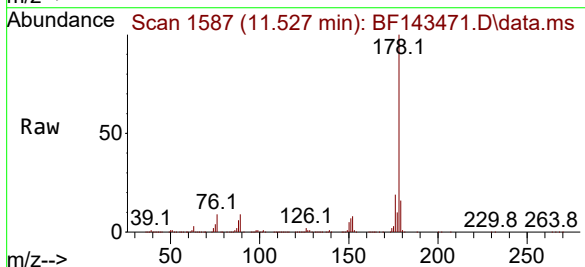


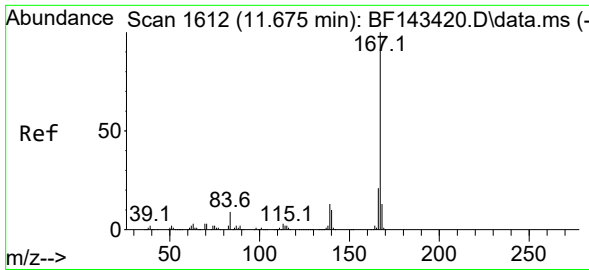
Tgt Ion:178 Resp: 1065798
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.7 12.3 18.5



#72
 Anthracene
 Concen: 44.183 ng
 RT: 11.527 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:178 Resp: 1096217
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.7 12.2 18.4



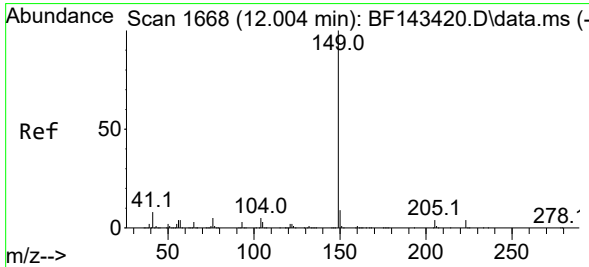
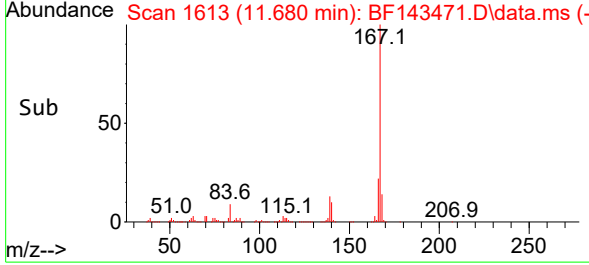
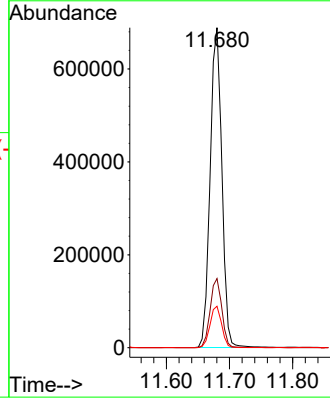
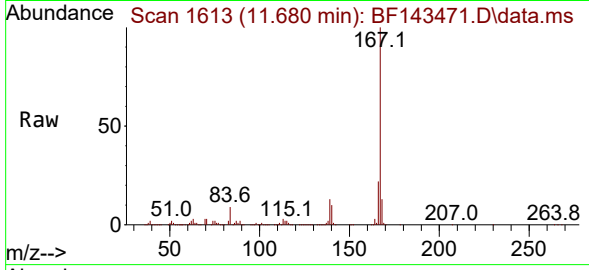


#73
 Carbazole
 Concen: 42.238 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:167 Resp: 886333

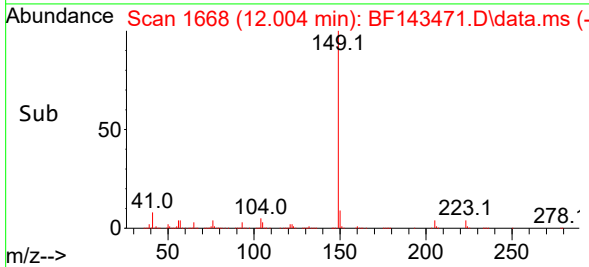
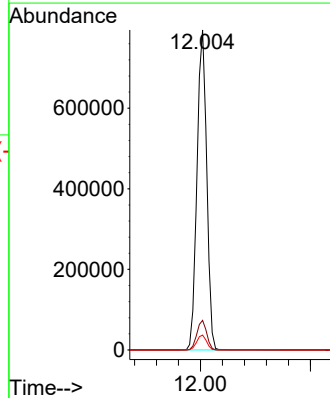
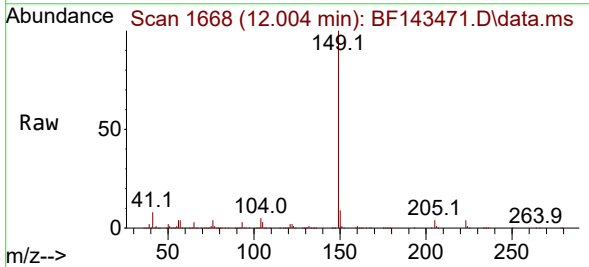
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100 | | |
| 166 | 21.6 | 17.2 | 25.8 |
| 139 | 12.9 | 10.1 | 15.1 |

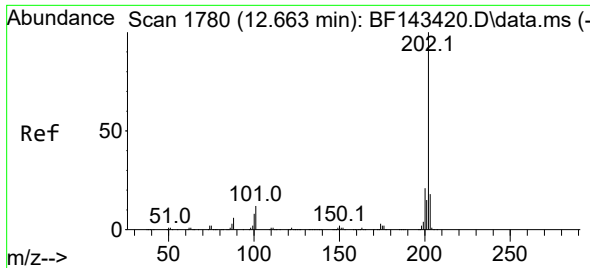


#74
 Di-n-butylphthalate
 Concen: 46.637 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:149 Resp: 974561

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 150 | 9.2 | 7.3 | 10.9 |
| 104 | 4.7 | 3.8 | 5.6 |

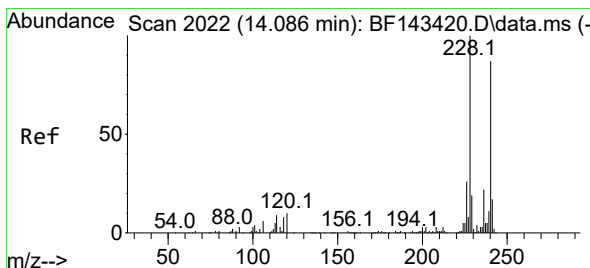
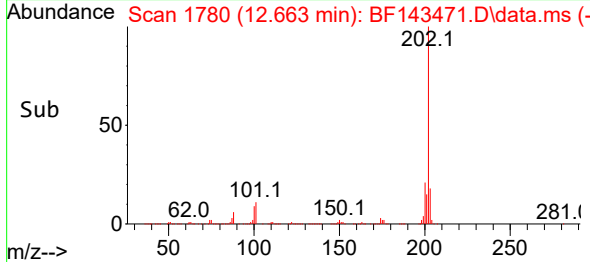
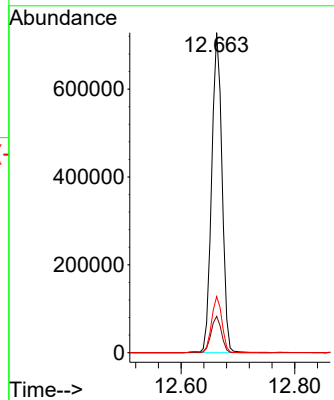
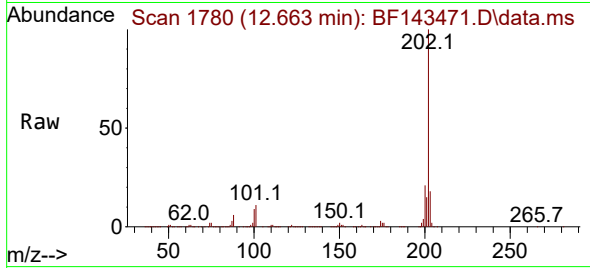




#75
 Fluoranthene
 Concen: 42.099 ng
 RT: 12.663 min Scan# 1780
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

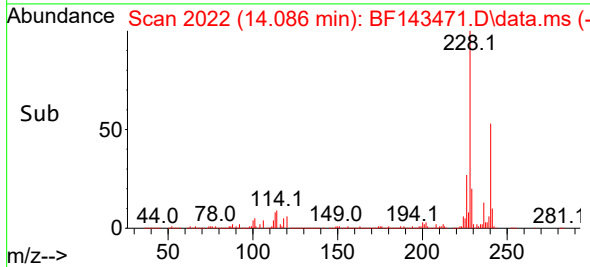
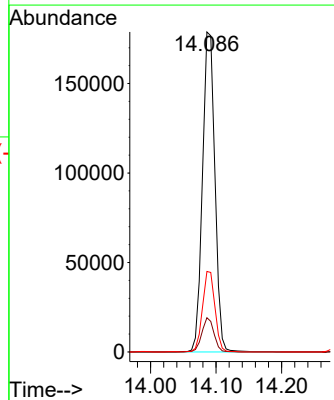
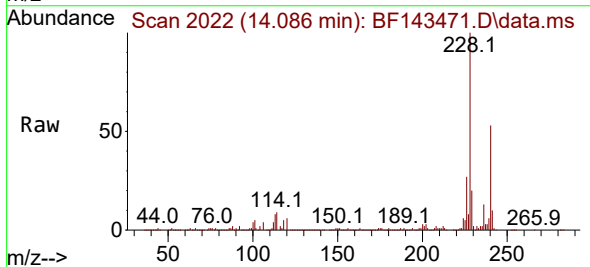
Instrument : BNA_F
 ClientSampleId : VNJ-210MS

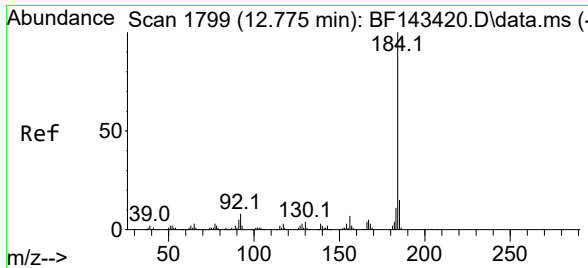
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 101 | 11.3 | 0.0 | 31.5 |
| 203 | 17.6 | 0.0 | 37.5 |



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.086 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240 | 100 | | |
| 120 | 10.7 | 9.0 | 13.4 |
| 236 | 25.2 | 20.2 | 30.2 |



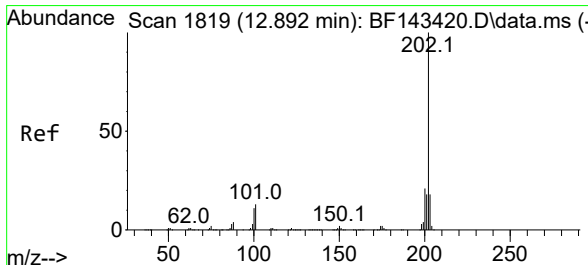
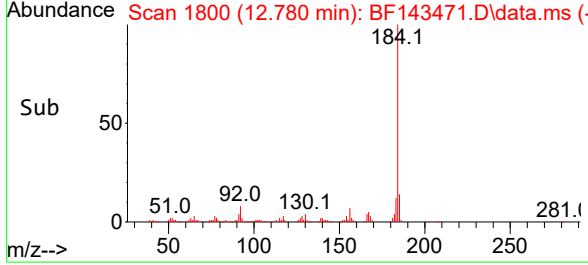
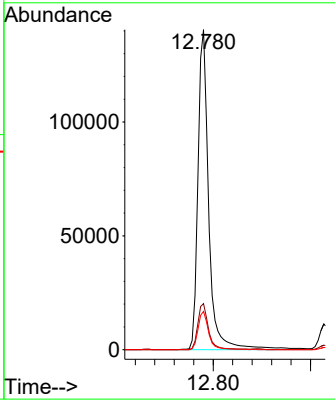
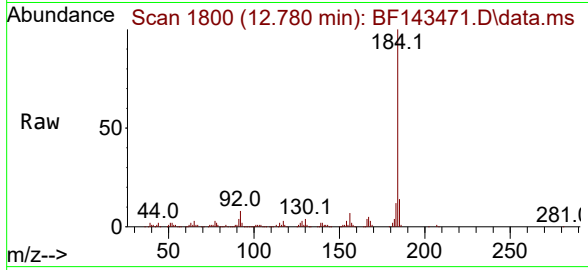


#77
 Benzidine
 Concen: 30.341 ng
 RT: 12.780 min Scan# 1800
 Delta R.T. 0.005 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

Tgt Ion:184 Resp: 214347

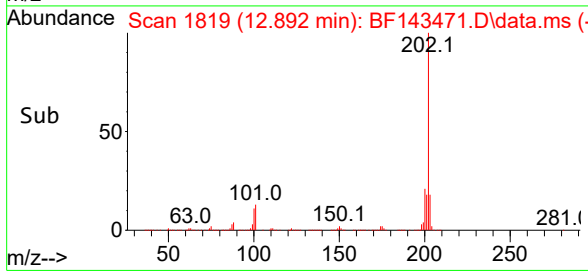
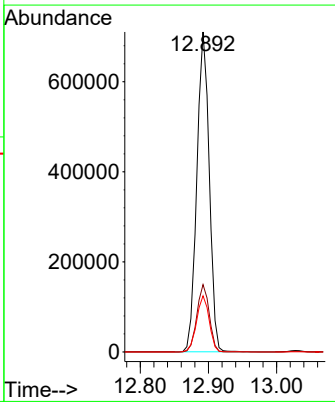
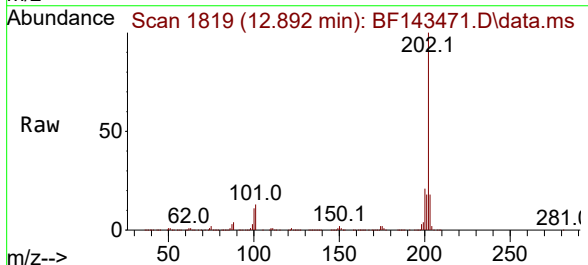
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100 | | |
| 185 | 14.4 | 12.2 | 18.2 |
| 183 | 12.0 | 9.2 | 13.8 |

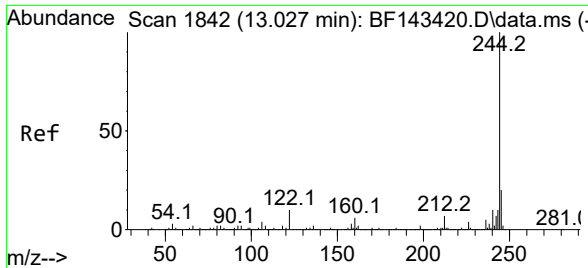


#78
 Pyrene
 Concen: 43.554 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:202 Resp: 895568

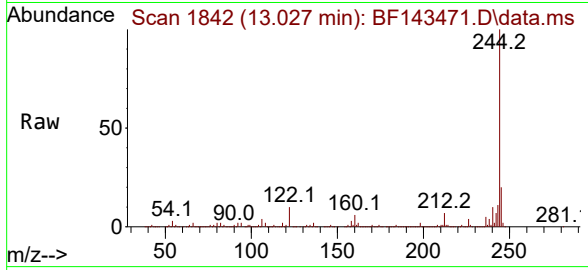
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100 | | |
| 200 | 21.0 | 17.1 | 25.7 |
| 203 | 17.6 | 14.2 | 21.2 |





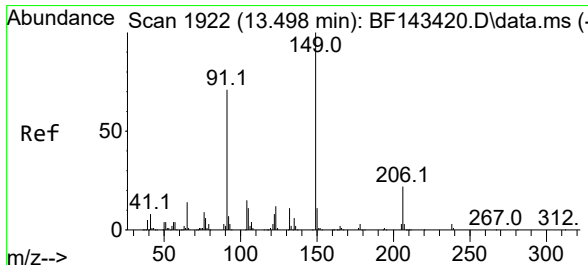
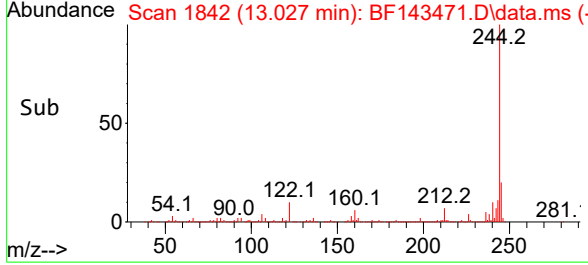
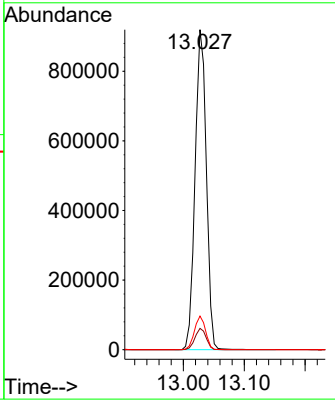
#79
 Terphenyl-d14
 Concen: 83.637 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

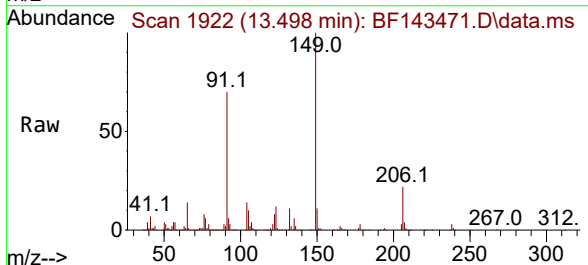


Tgt Ion:244 Resp: 1177864

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100 | | |
| 212 | 6.7 | 5.2 | 7.8 |
| 122 | 10.5 | 8.3 | 12.5 |

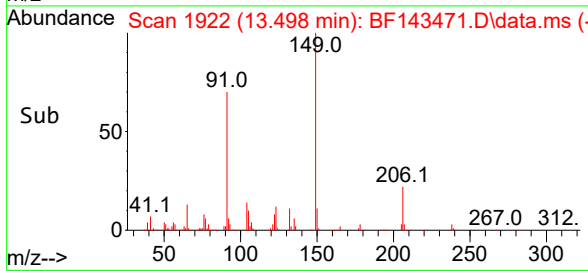
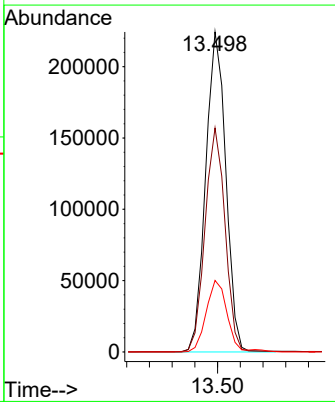


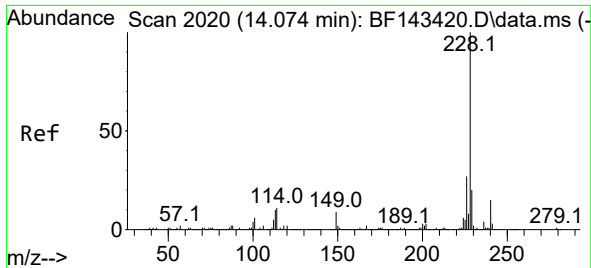
#80
 Butylbenzylphthalate
 Concen: 54.324 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:149 Resp: 276677

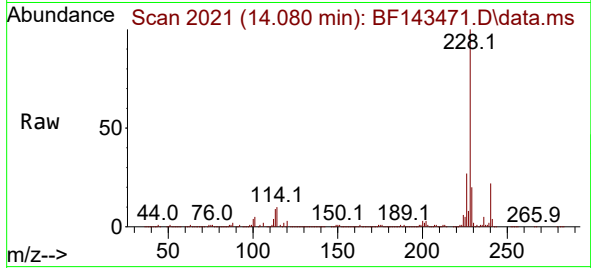
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 91 | 70.0 | 57.0 | 85.4 |
| 206 | 22.4 | 17.6 | 26.4 |



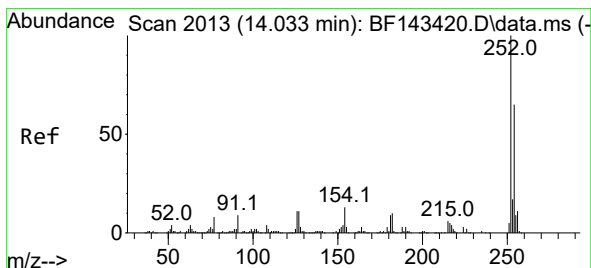
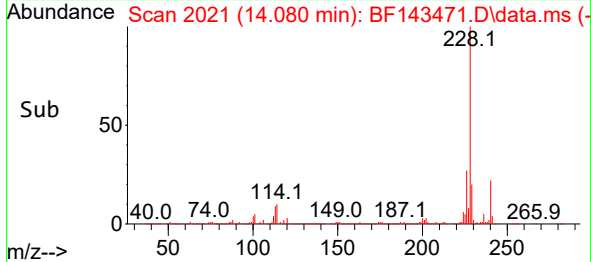
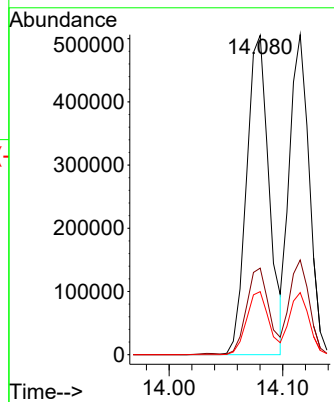


#81
 Benzo(a)anthracene
 Concen: 46.247 ng
 RT: 14.080 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

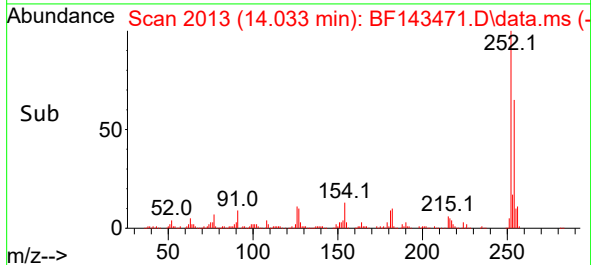
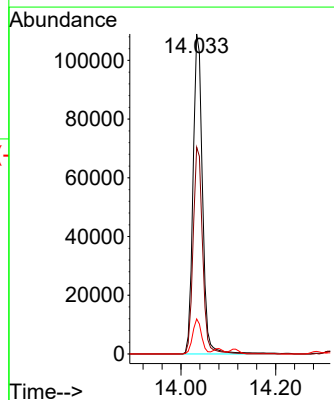
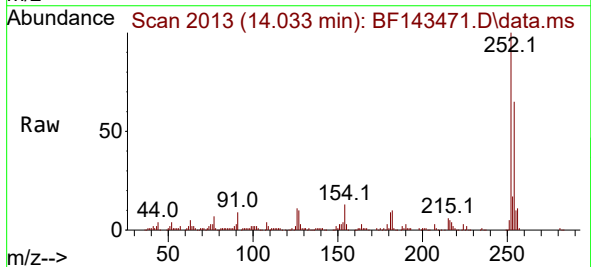


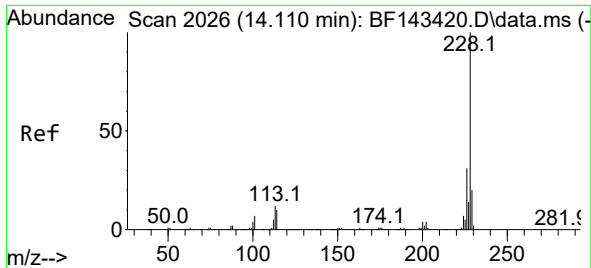
Tgt Ion:228 Resp: 696554
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.5 32.3
 229 19.7 15.7 23.5



#82
 3,3'-Dichlorobenzidine
 Concen: 34.316 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

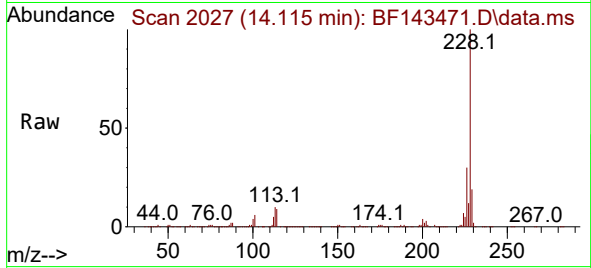
Tgt Ion:252 Resp: 151330
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.6 77.4
 126 11.0 8.8 13.2



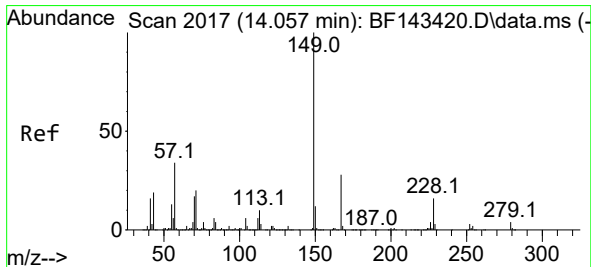
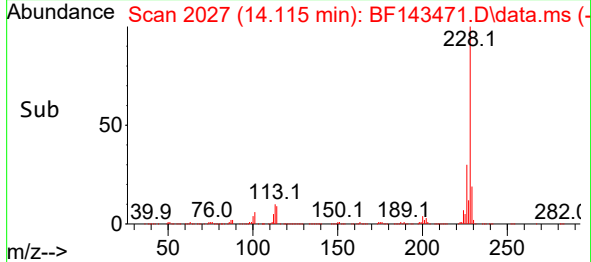
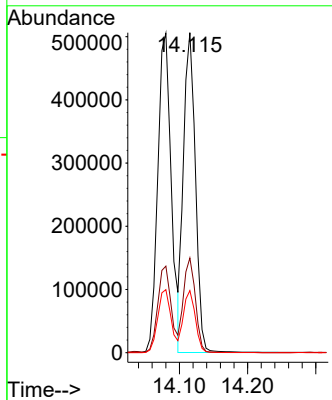


#83
 Chrysene
 Concen: 44.011 ng
 RT: 14.115 min Scan# 2027
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

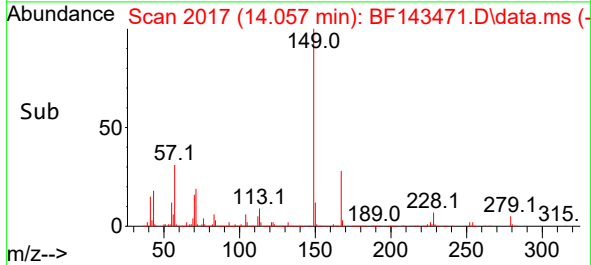
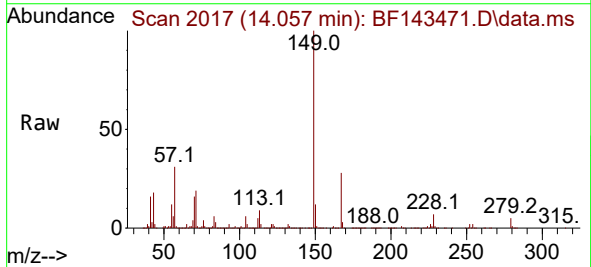
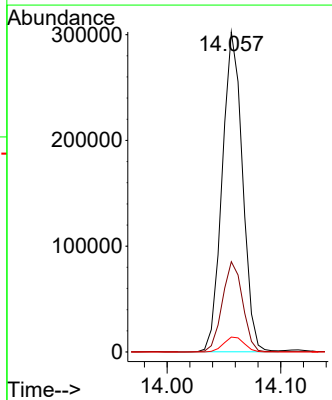


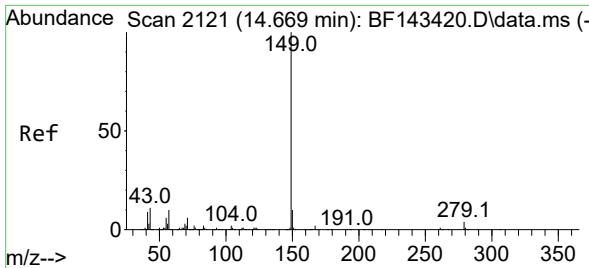
Tgt Ion:228 Resp: 612820
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 19.4 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.901 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

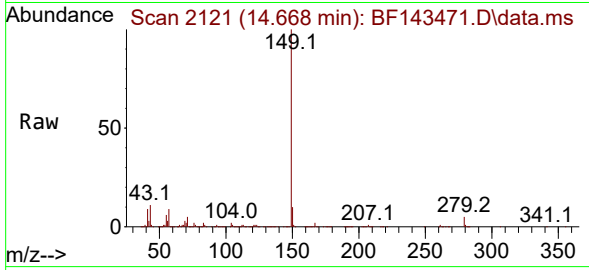
Tgt Ion:149 Resp: 375397
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 4.7 3.5 5.3



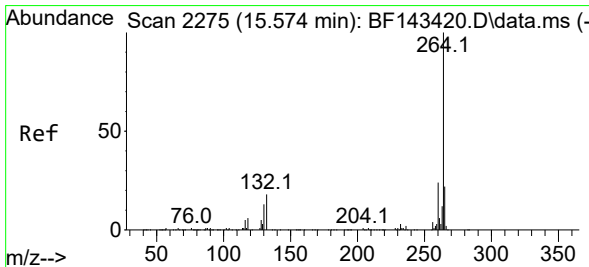
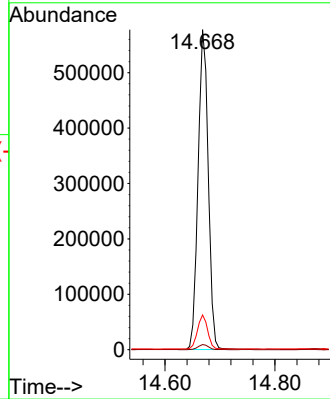
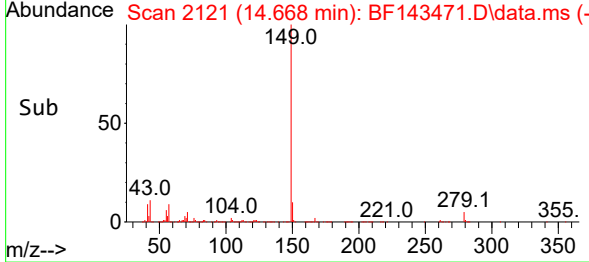


#85
 Di-n-octyl phthalate
 Concen: 50.595 ng
 RT: 14.668 min Scan# 2121
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

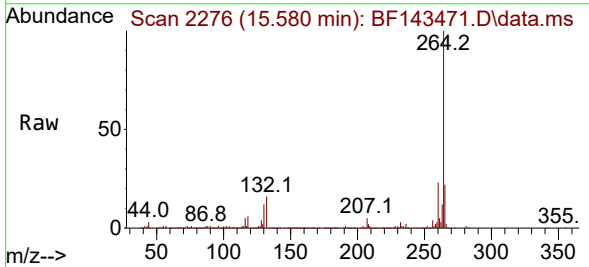
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



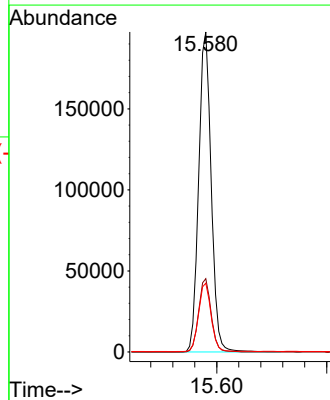
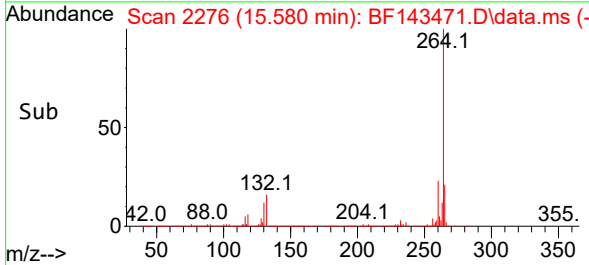
Tgt Ion:149 Resp: 742244
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.6 9.0 13.6

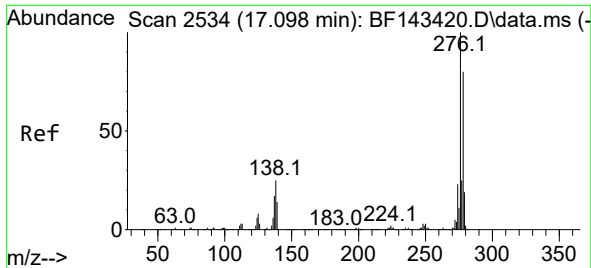


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:264 Resp: 311905
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.5 17.4 26.0

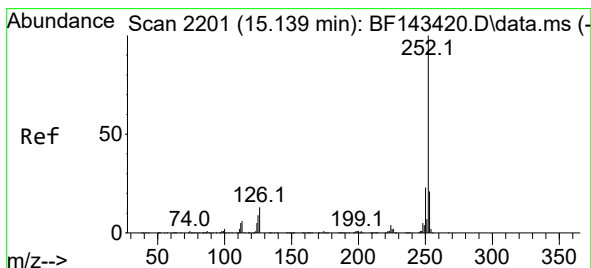
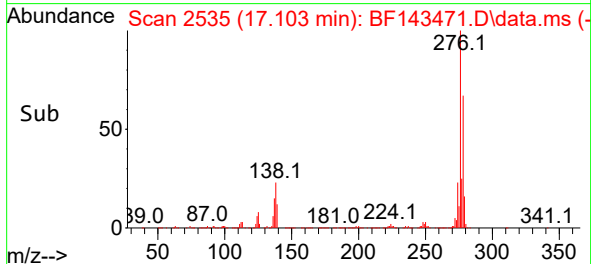
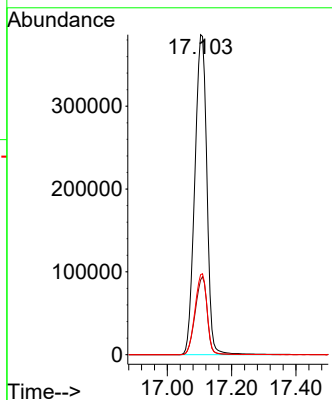
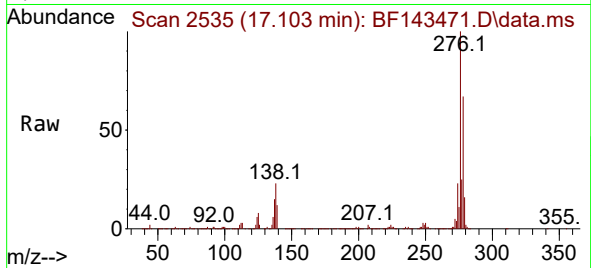




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.882 ng
 RT: 17.103 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

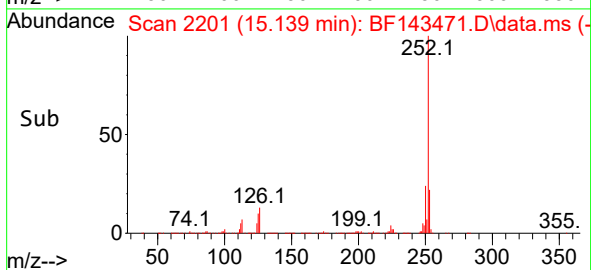
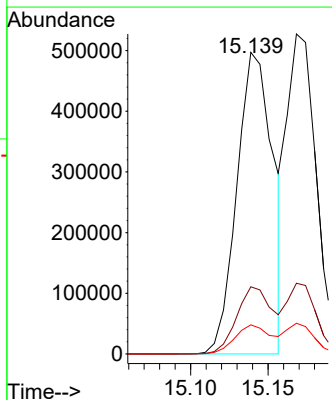
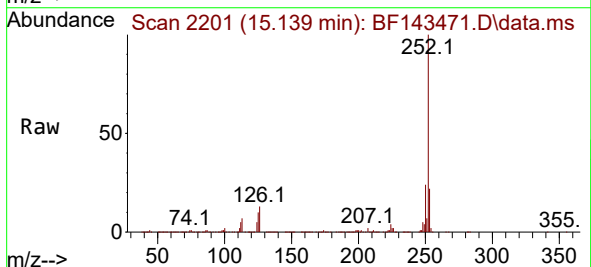
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

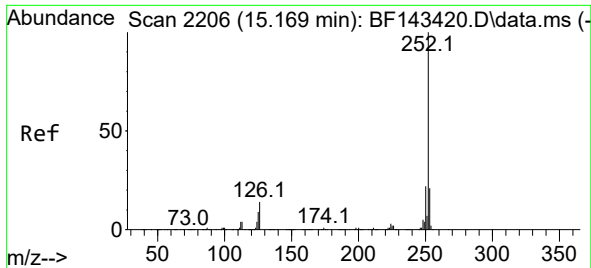
Tgt Ion:276 Resp: 1003006
 Ion Ratio Lower Upper
 276 100
 138 24.1 20.2 30.4
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 48.239 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

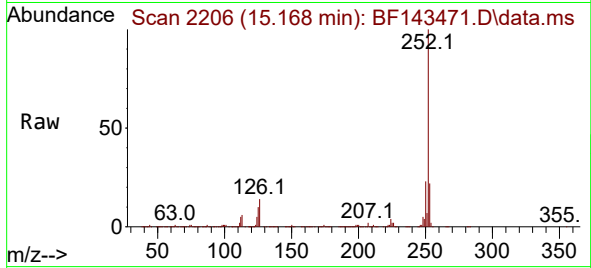
Tgt Ion:252 Resp: 806405
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.1 25.7
 125 9.7 7.5 11.3



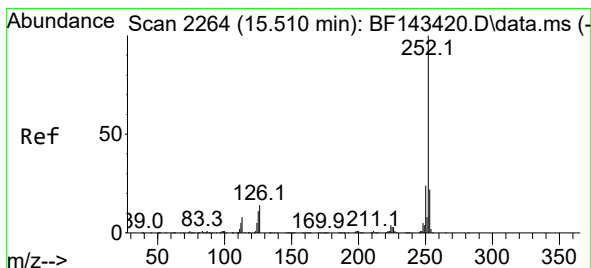
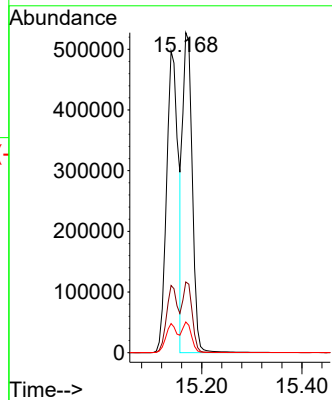
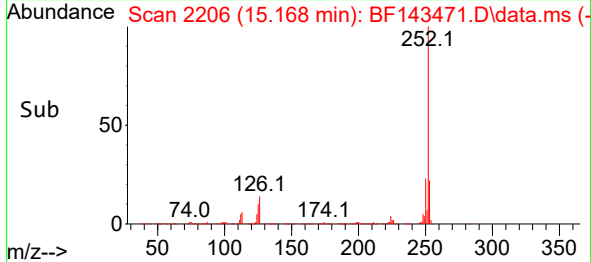


#89
 Benzo(k)fluoranthene
 Concen: 42.463 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

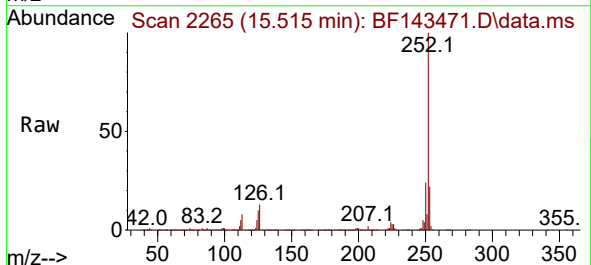
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS



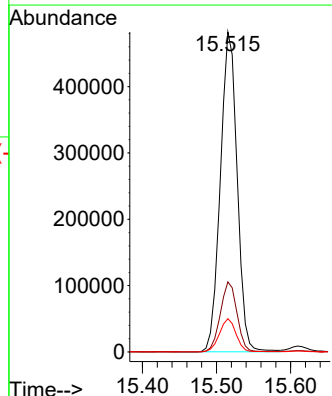
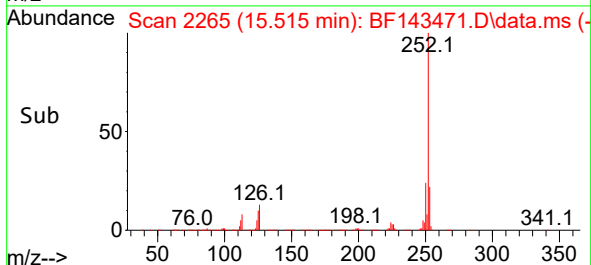
Tgt Ion:252 Resp: 700138
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 9.6 7.4 11.2

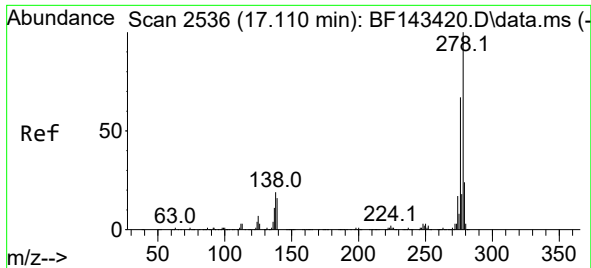


#90
 Benzo(a)pyrene
 Concen: 47.753 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



Tgt Ion:252 Resp: 760328
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.4 8.6 12.8

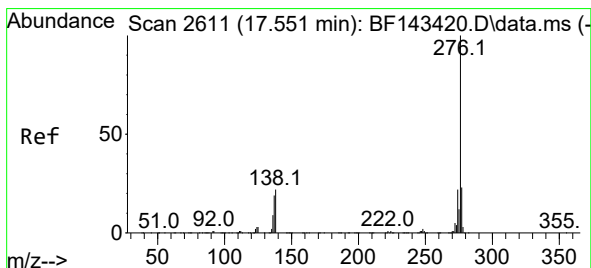
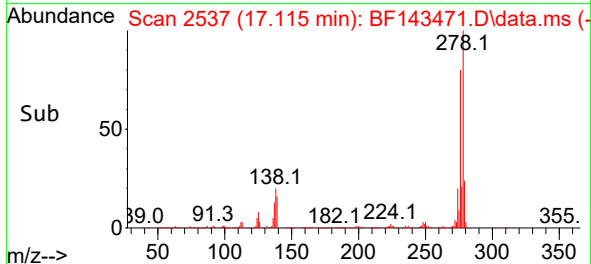
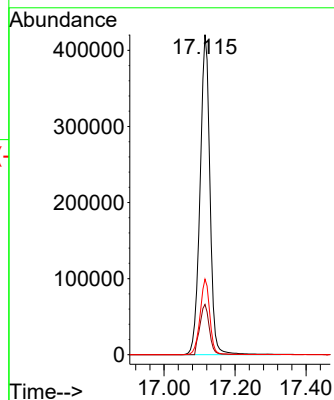
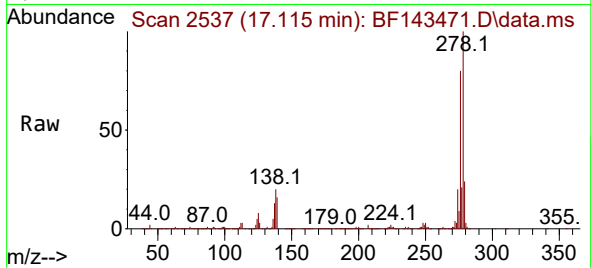




#91
 Dibenzo(a,h)anthracene
 Concen: 43.407 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Tgt Ion:278 Resp: 815326
 Ion Ratio Lower Upper
 278 100
 139 15.7 12.9 19.3
 279 23.6 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 43.508 ng
 RT: 17.562 min Scan# 2613
 Delta R.T. 0.012 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:276 Resp: 816388
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.7 28.1
 138 21.0 17.5 26.3

