

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091124\  
 Data File : BF139319.D  
 Acq On : 11 Sep 2024 12:17  
 Operator : RC/JU  
 Sample : PB163274BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163274BS

Quant Time: Sep 11 19:04:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 119510   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 446391   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.922  | 164  | 248127   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 451359   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 232651   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12              | 15.598 | 264  | 207802   | 20.000  | ng    | 0.07     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 907057   | 126.967 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.516  | 99   | 1199456  | 125.767 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 787026   | 91.721  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 318752   | 148.768 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1487969  | 92.569  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 1435596  | 99.629  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.798  | 88   | 114108   | 34.299  | ng    | 100      |
| 3) Pyridine                   | 3.534  | 79   | 298083   | 37.118  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 214672   | 41.165  | ng    | 99       |
| 6) Aniline                    | 6.545  | 93   | 369380   | 42.118  | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.669  | 128  | 336380   | 45.433  | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 82955    | 14.369  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 439485   | 43.688  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 323031   | 44.822  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 347635   | 41.482  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 352943   | 42.077  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 338595   | 43.281  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 325090   | 46.741  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 610022   | 44.463  | ng    | 96       |
| 17) 2-Methylphenol            | 7.133  | 107  | 272645   | 45.081  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 133472   | 44.553  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 255555   | 46.525  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 342497   | 44.934  | ng    | 96       |
| 22) Acetophenone              | 7.292  | 105  | 466099   | 43.828  | ng    | 99       |
| 24) Nitrobenzene              | 7.469  | 77   | 381214   | 41.857  | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 681429   | 46.450  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.780  | 139  | 175863   | 49.164  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 281410   | 55.162  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 398116   | 45.550  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 284815   | 46.628  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 295784   | 42.399  | ng    | 99       |
| 31) Naphthalene               | 8.186  | 128  | 987019   | 43.662  | ng    | 99       |
| 32) Benzoic acid              | 7.933  | 122  | 203843   | 43.867  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 252438   | 32.251  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 197879   | 44.763  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 47949    | 25.357  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 310871   | 46.703  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.880  | 142  | 652137   | 46.109  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 605646   | 43.541  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 303948   | 43.296  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.027  | 237  | 388116   | 172.028 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 220276   | 47.957  | ng    | 99       |

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Quant Time: Sep 11 19:04:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 216335   | 44.945 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 803424   | 43.703 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 604098   | 43.519 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 224931   | 47.044 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 992471   | 47.470 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 712036   | 47.346 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 156247   | 45.797 | ng    | 98       |
| 52) Acenaphthene              | 9.957  | 154  | 712578   | 51.386 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.874  | 138  | 120181   | 33.062 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 177819   | 97.645 | ng    | # 69     |
| 55) Dibenzofuran              | 10.127 | 168  | 904721   | 45.506 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 254568   | 94.882 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 211708   | 48.753 | ng    | 99       |
| 58) Fluorene                  | 10.469 | 166  | 703750   | 45.656 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 190144   | 50.185 | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 717538   | 48.483 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 340929   | 45.863 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 161668   | 46.723 | ng    | 100      |
| 63) Azobenzene                | 10.621 | 77   | 718194   | 46.042 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 108888   | 52.211 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 608953   | 46.349 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 202138   | 46.158 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 230247   | 45.928 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 191922   | 63.315 | ng    | 100      |
| 70) Pentachlorophenol         | 11.210 | 266  | 271543   | 93.768 | ng    | 98       |
| 71) Phenanthrene              | 11.433 | 178  | 980679   | 46.509 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1000351  | 48.566 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 899982   | 46.749 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.968 | 149  | 1046874  | 53.110 | ng    | 99       |
| 75) Fluoranthene              | 12.621 | 202  | 1010235  | 47.790 | ng    | 99       |
| 77) Benzidine                 | 12.739 | 184  | 291368   | 62.198 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 1026889  | 45.692 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 338621   | 64.003 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.062 | 228  | 684865   | 46.101 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.027 | 252  | 168632   | 42.743 | ng    | 98       |
| 83) Chrysene                  | 14.104 | 228  | 661556   | 47.713 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 384612   | 61.936 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.715 | 149  | 585901   | 49.281 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.098 | 276  | 642456   | 49.489 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.168 | 252  | 582197   | 48.649 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 546345   | 50.917 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.539 | 252  | 534315   | 52.581 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.115 | 278  | 521679   | 48.763 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 489985   | 44.371 | ng    | 98       |

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

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QLast Update : Wed Sep 04 16:11:43 2024  
Response via : Initial Calibration

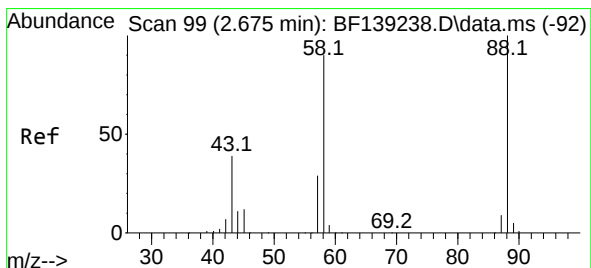
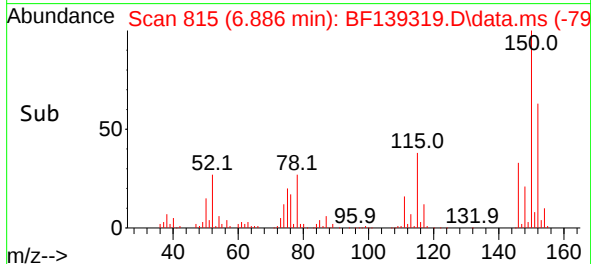
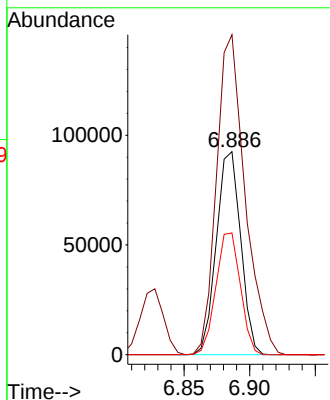
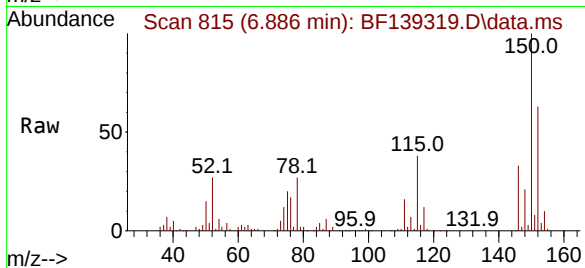




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BF139319.D  
 Acq: 11 Sep 2024 12:17

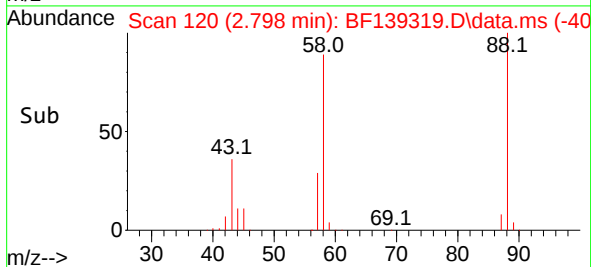
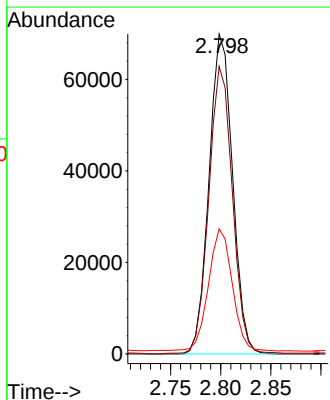
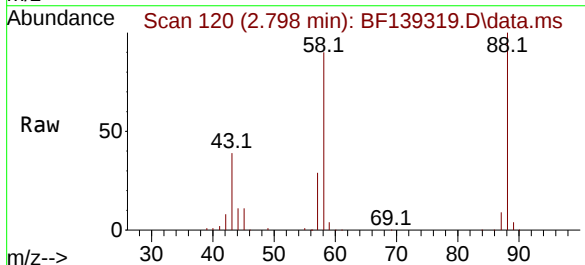
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163274BS

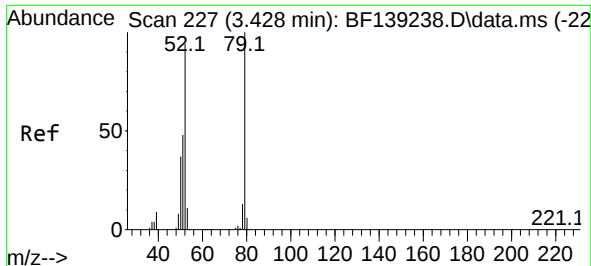
Tgt Ion:152 Resp: 119510  
 Ion Ratio Lower Upper  
 152 100  
 150 157.6 127.0 190.4  
 115 60.0 46.9 70.3



#2  
 1,4-Dioxane  
 Concen: 34.299 ng  
 RT: 2.798 min Scan# 120  
 Delta R.T. 0.123 min  
 Lab File: BF139319.D  
 Acq: 11 Sep 2024 12:17

Tgt Ion: 88 Resp: 114108  
 Ion Ratio Lower Upper  
 88 100  
 58 90.7 72.5 108.7  
 43 39.1 31.4 47.2





#3

Pyridine

Concen: 37.118 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

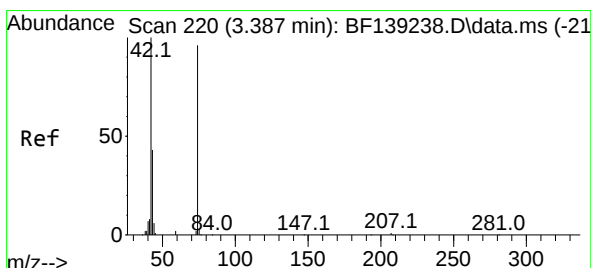
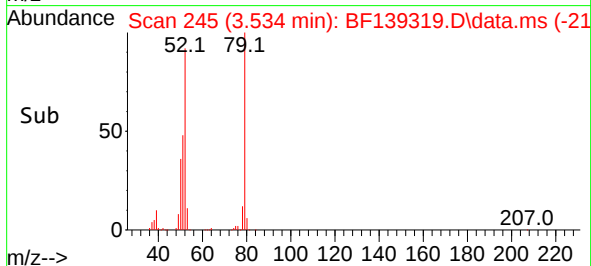
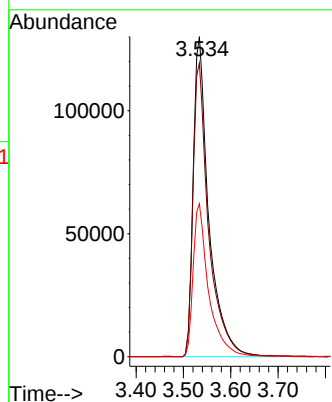
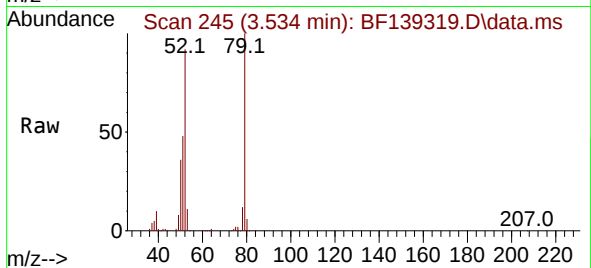
Tgt Ion: 79 Resp: 298083

Ion Ratio Lower Upper

79 100

52 91.7 75.3 112.9

51 47.8 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 41.165 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.106 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

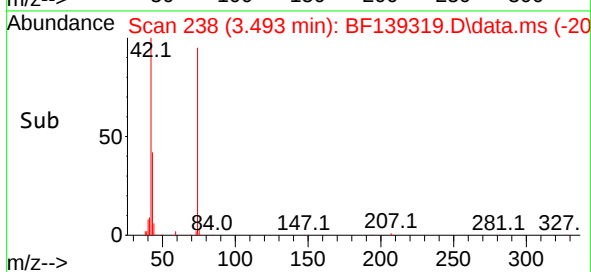
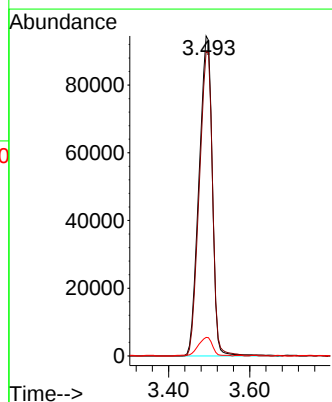
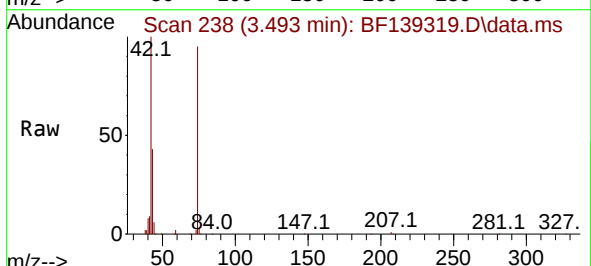
Tgt Ion: 42 Resp: 214672

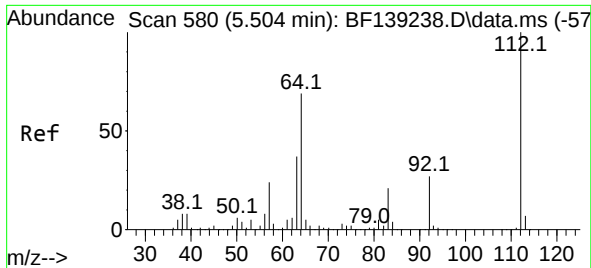
Ion Ratio Lower Upper

42 100

74 95.1 77.2 115.8

44 5.8 5.1 7.7

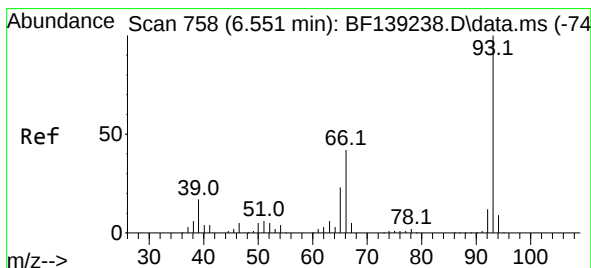
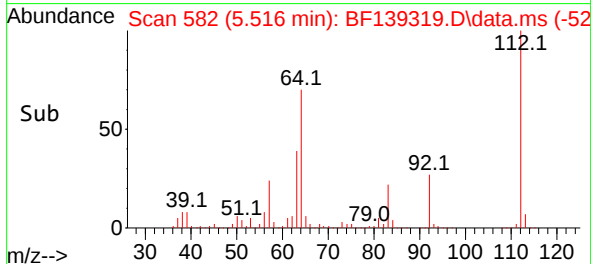
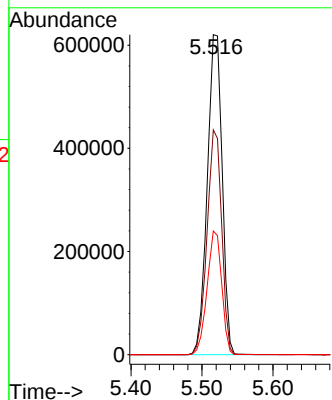
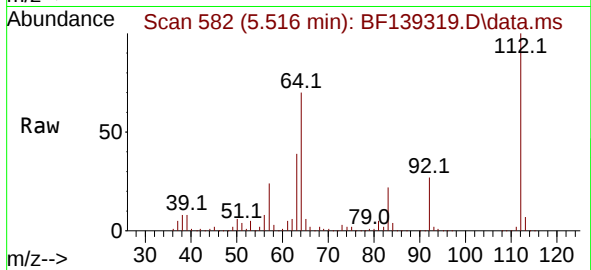




#5  
2-Fluorophenol  
Concen: 126.967 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.011 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

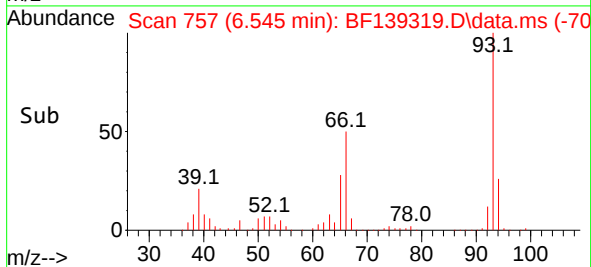
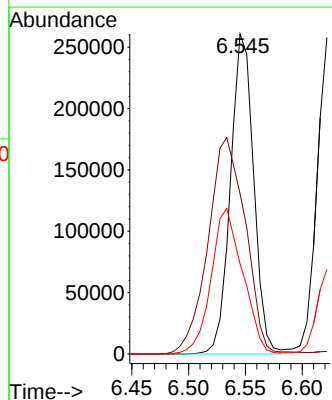
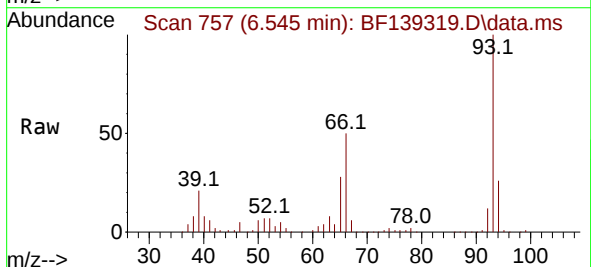
Instrument :  
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ClientSampleId :  
PB163274BS

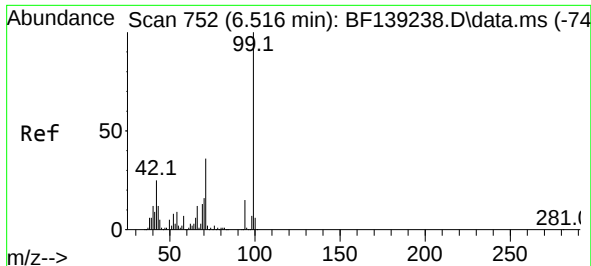
Tgt Ion:112 Resp: 907057  
Ion Ratio Lower Upper  
112 100  
64 70.3 55.0 82.4  
63 38.6 29.9 44.9



#6  
Aniline  
Concen: 42.118 ng  
RT: 6.545 min Scan# 757  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion: 93 Resp: 369380  
Ion Ratio Lower Upper  
93 100  
66 50.1 34.4 51.6  
65 28.2 18.2 27.4

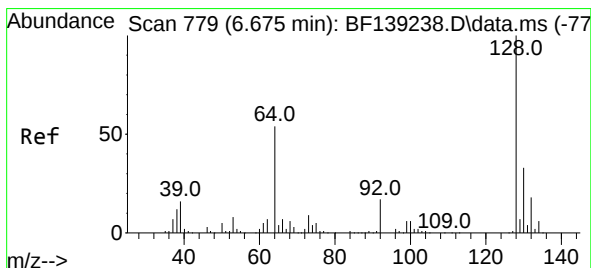
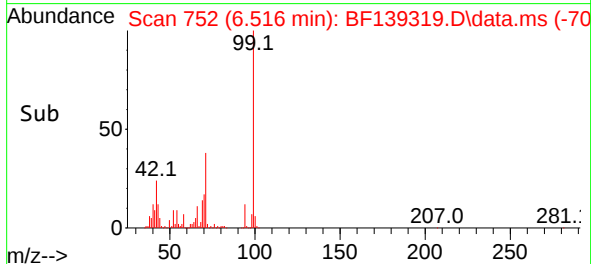
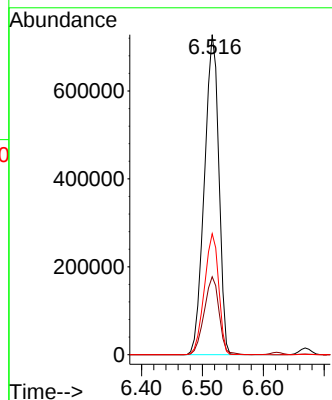
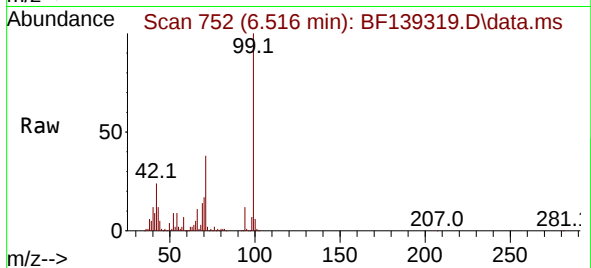




#7  
Phenol-d6  
Concen: 125.767 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

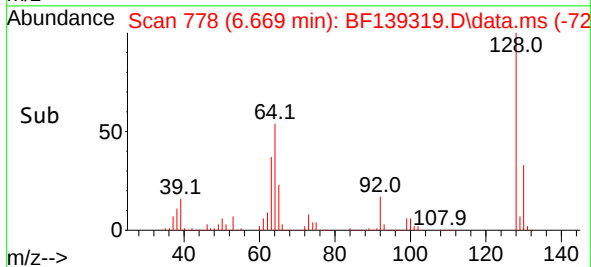
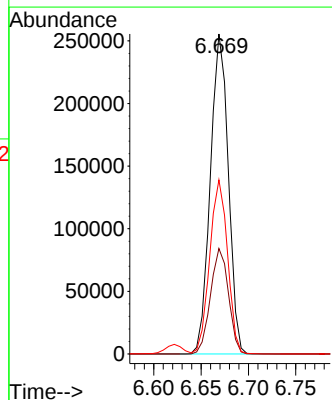
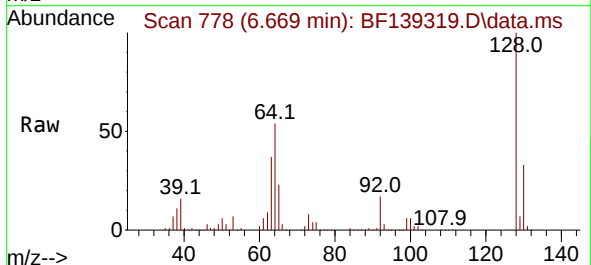
Instrument :  
BNA\_F  
ClientSampleId :  
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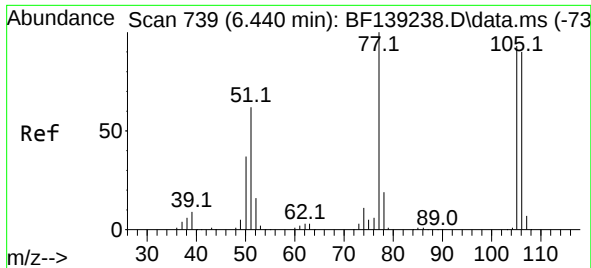
Tgt Ion: 99 Resp: 1199456  
Ion Ratio Lower Upper  
99 100  
42 24.4 19.8 29.6  
71 37.8 28.8 43.2



#8  
2-Chlorophenol  
Concen: 45.433 ng  
RT: 6.669 min Scan# 778  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:128 Resp: 336380  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.7 52.7  
64 54.4 36.6 76.6

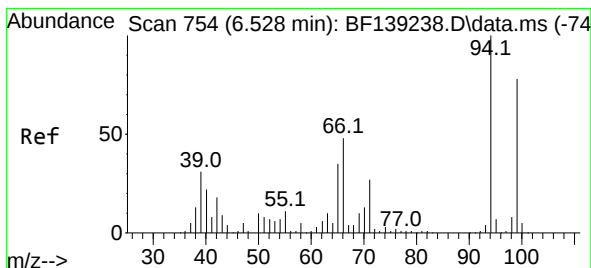
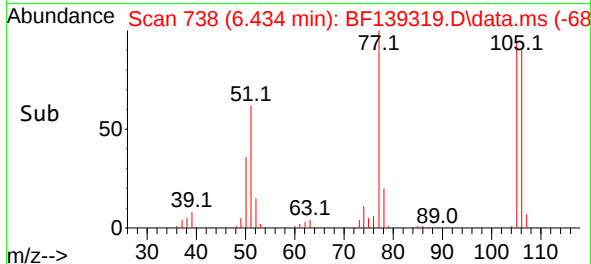
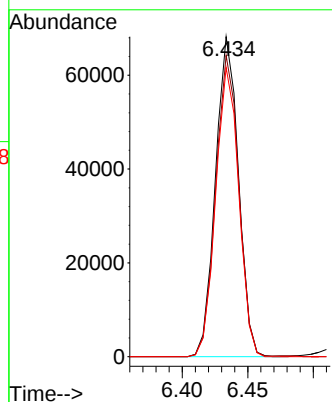
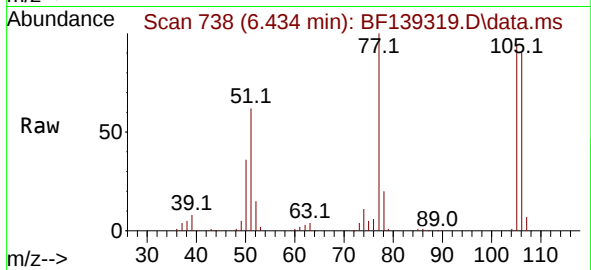




#9  
Benzaldehyde  
Concen: 14.369 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

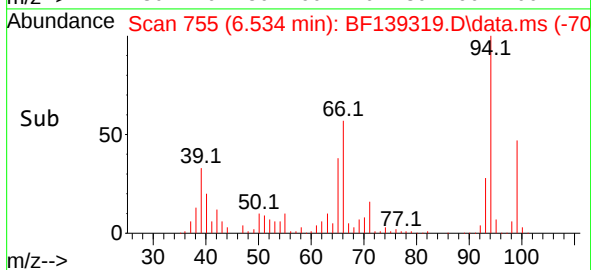
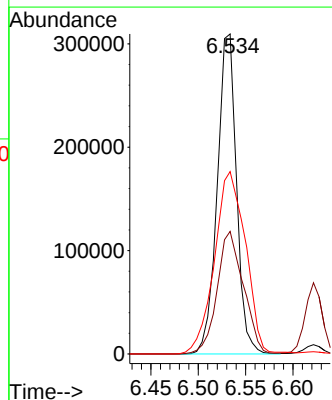
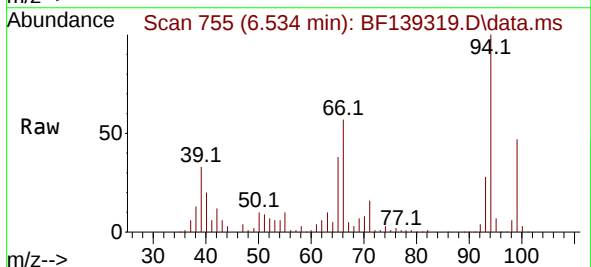
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

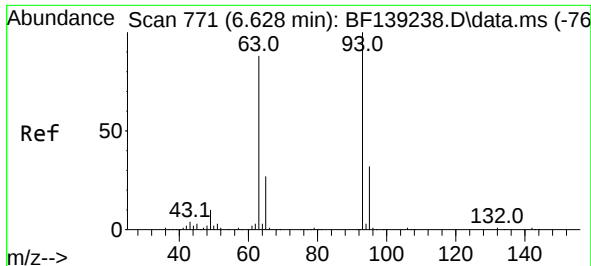
Tgt Ion: 77 Resp: 82955  
Ion Ratio Lower Upper  
77 100  
105 94.1 72.9 112.9  
106 90.4 69.6 109.6



#10  
Phenol  
Concen: 43.688 ng  
RT: 6.534 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion: 94 Resp: 439485  
Ion Ratio Lower Upper  
94 100  
65 38.3 14.7 54.7  
66 57.0 28.5 68.5

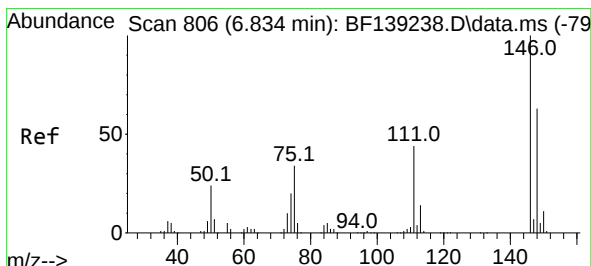
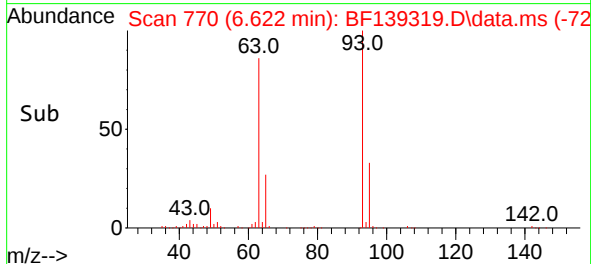
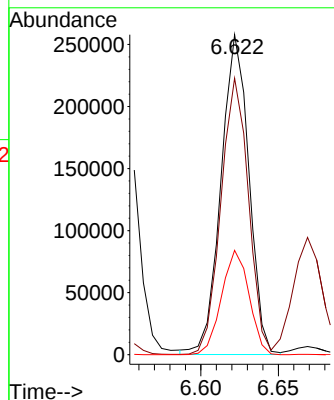
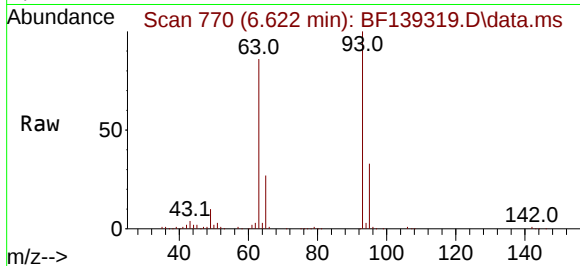




#11  
bis(2-Chloroethyl)ether  
Concen: 44.822 ng  
RT: 6.622 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

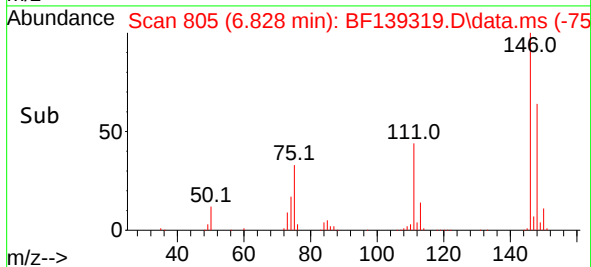
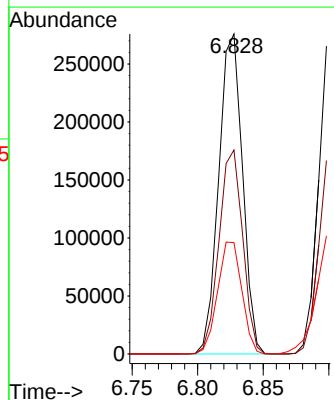
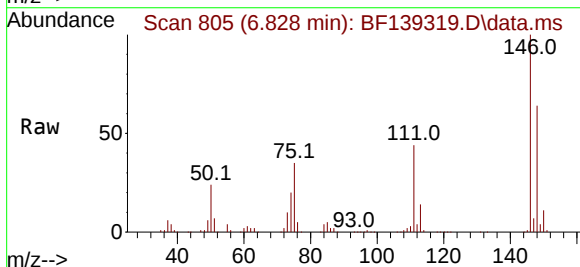
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

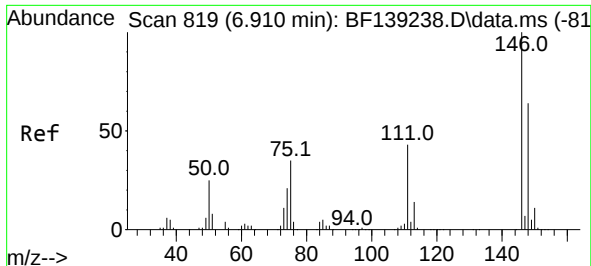
Tgt Ion: 93 Resp: 323031  
Ion Ratio Lower Upper  
93 100  
63 86.4 67.1 107.1  
95 32.6 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 41.482 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:146 Resp: 347635  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.8 76.2  
75 34.8 27.3 40.9

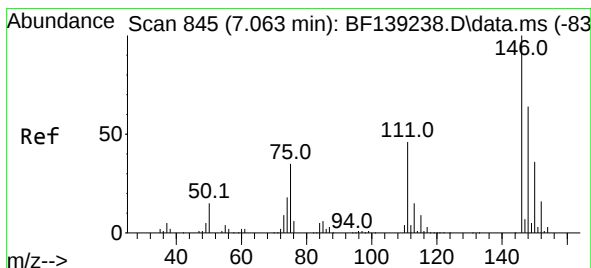
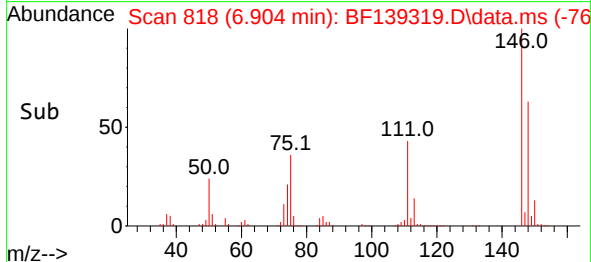
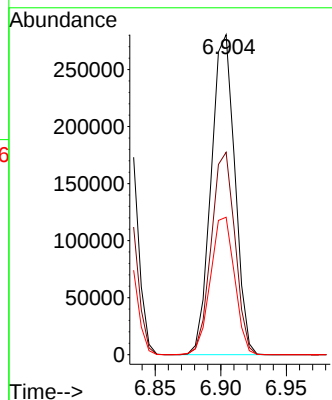
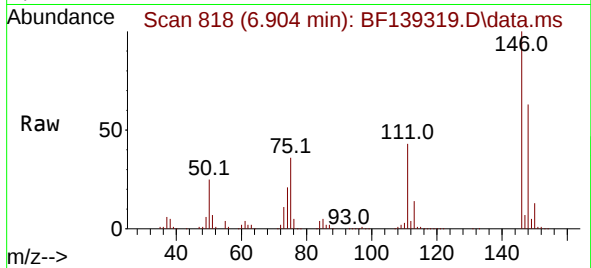




#13  
1,4-Dichlorobenzene  
Concen: 42.077 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

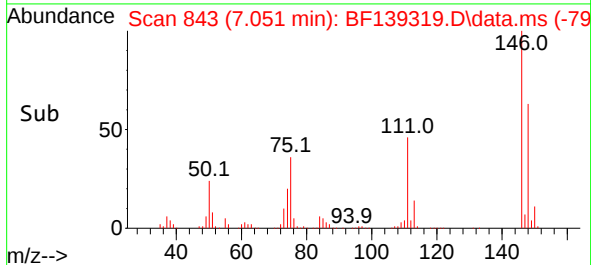
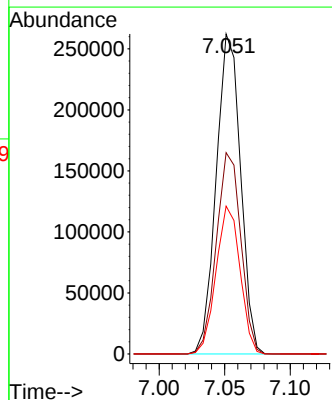
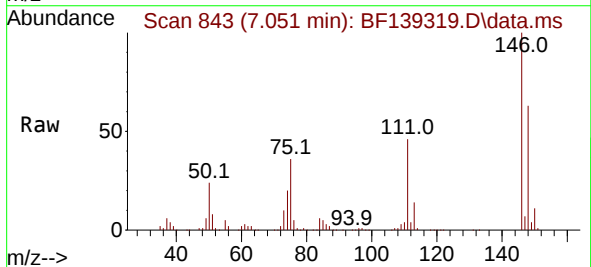
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

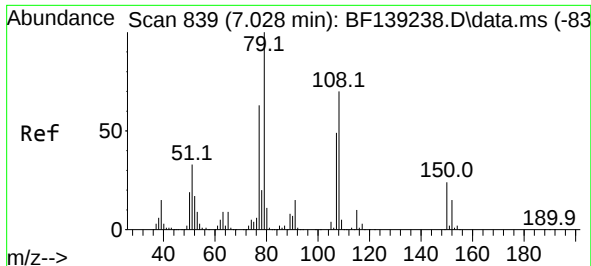
Tgt Ion:146 Resp: 352943  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.2 76.8  
111 43.0 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 43.281 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:146 Resp: 338595  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.9 76.3  
111 46.2 36.6 55.0

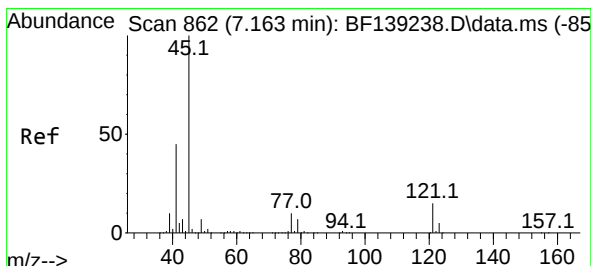
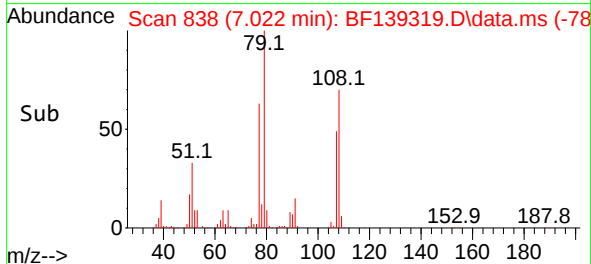
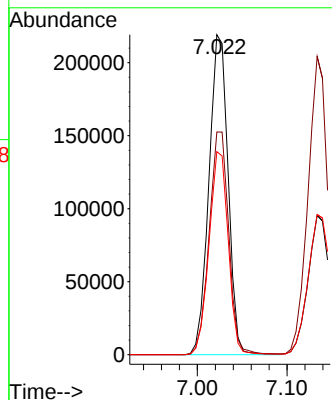
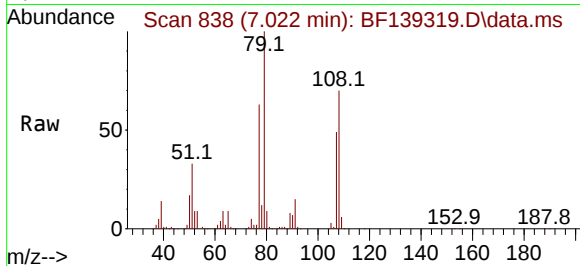




#15  
Benzyl Alcohol  
Concen: 46.741 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

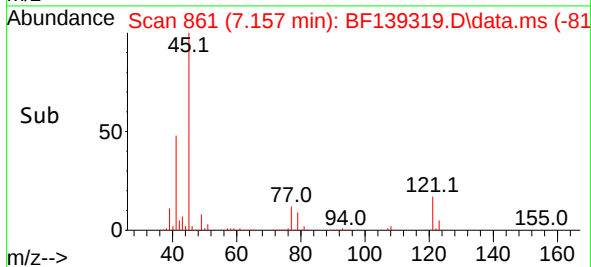
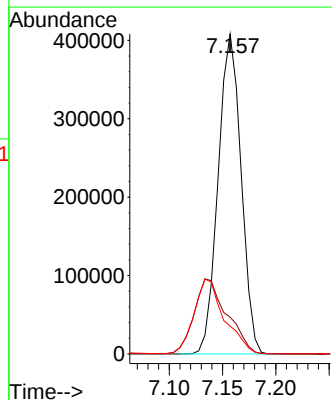
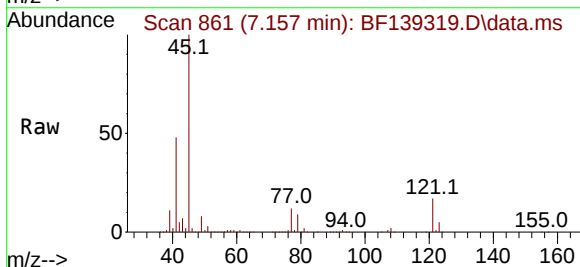
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

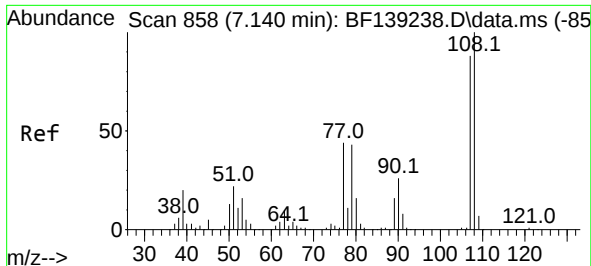
Tgt Ion: 79 Resp: 325090  
Ion Ratio Lower Upper  
79 100  
108 69.6 56.1 84.1  
77 63.4 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.463 ng  
RT: 7.157 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion: 45 Resp: 610022  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 30.0  
79 8.7 0.0 27.6

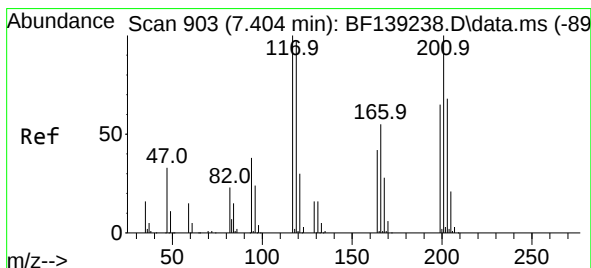
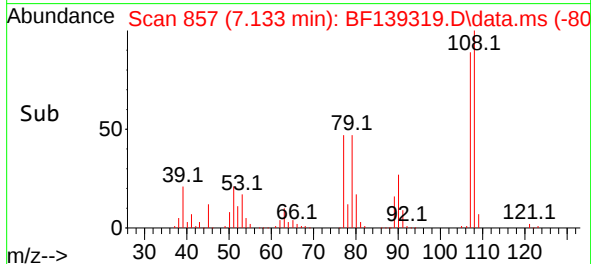
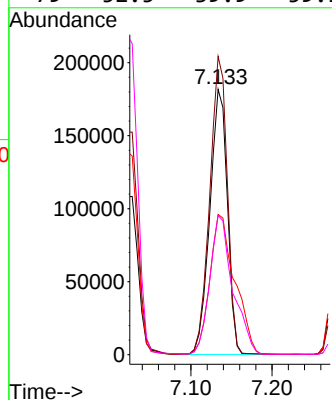
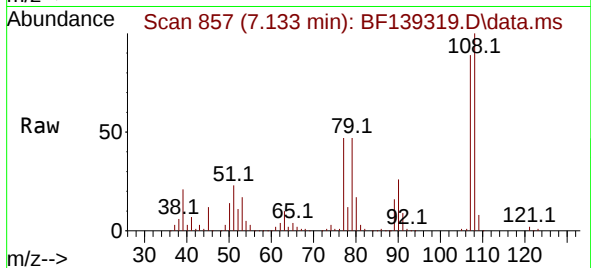




#17  
2-Methylphenol  
Concen: 45.081 ng  
RT: 7.133 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

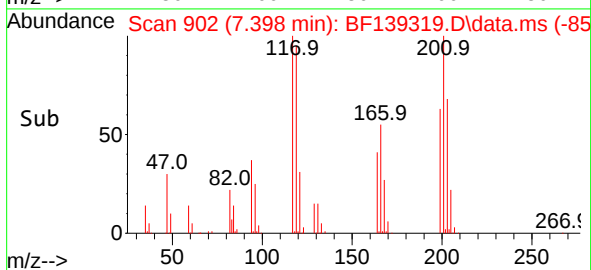
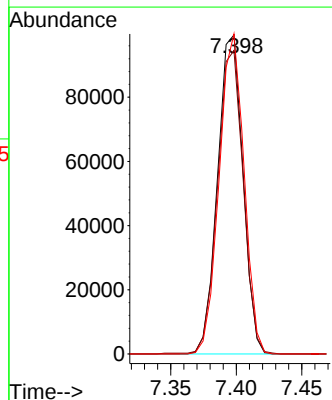
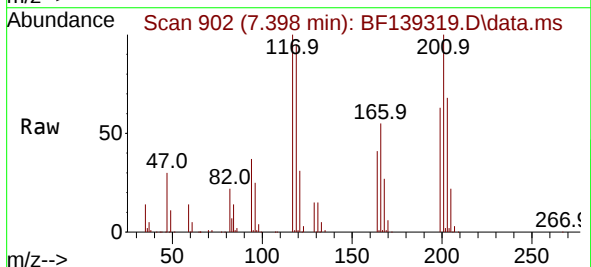
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 272645 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 91.4  | 137.2  |
| 77       | 52.8  | 40.1  | 60.1   |
| 79       | 52.5  | 39.9  | 59.9   |



#18  
Hexachloroethane  
Concen: 44.553 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 133472 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.1  | 77.4  | 116.2  |
| 201      | 100.3 | 80.0  | 120.0  |



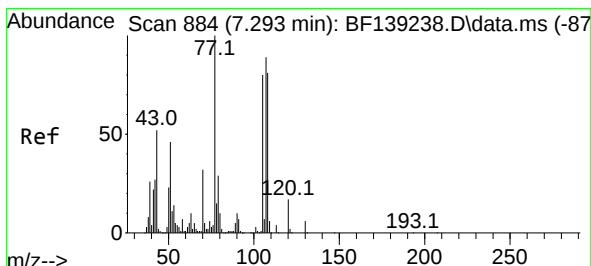
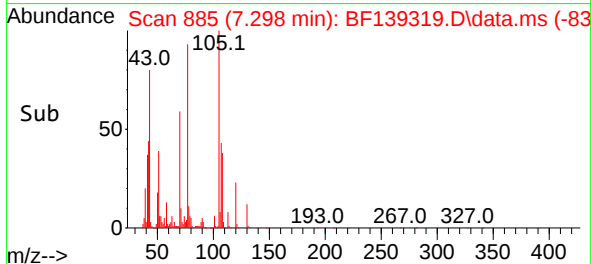
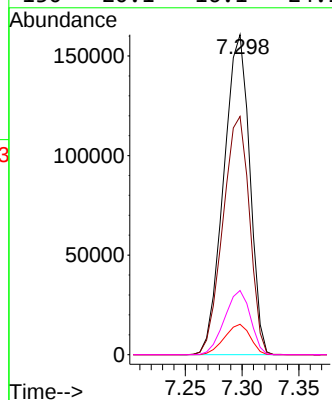
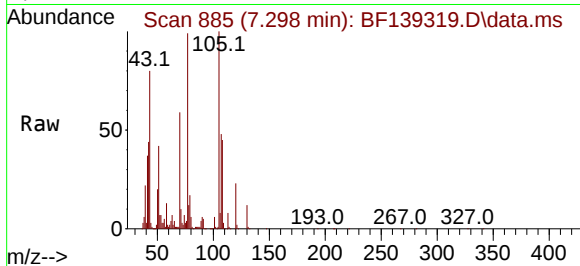


#19  
n-Nitroso-di-n-propylamine  
Concen: 46.525 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion: 70 Resp: 255555

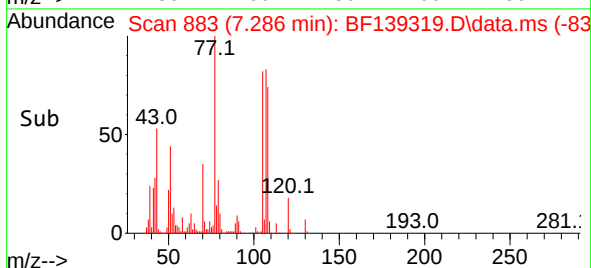
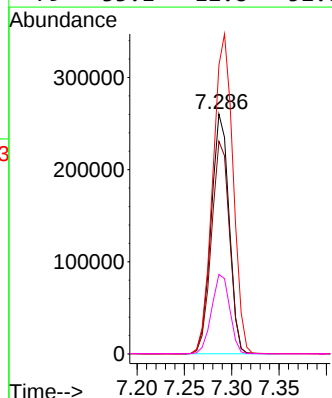
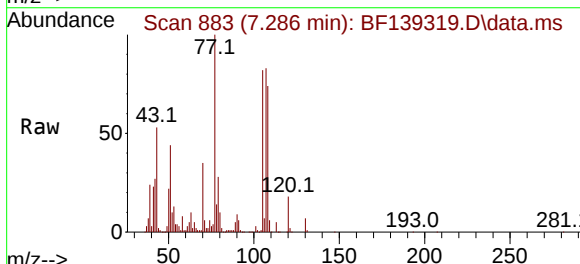
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 74.4  | 61.0  | 91.6  |
| 101 | 9.5   | 7.2   | 10.8  |
| 130 | 20.1  | 16.1  | 24.1  |

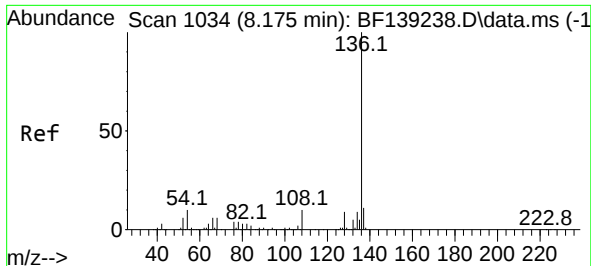


#20  
3+4-Methylphenols  
Concen: 44.934 ng  
RT: 7.286 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion: 107 Resp: 342497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.6  | 70.4  | 110.4 |
| 77  | 120.3 | 92.2  | 132.2 |
| 79  | 33.1  | 12.8  | 52.8  |

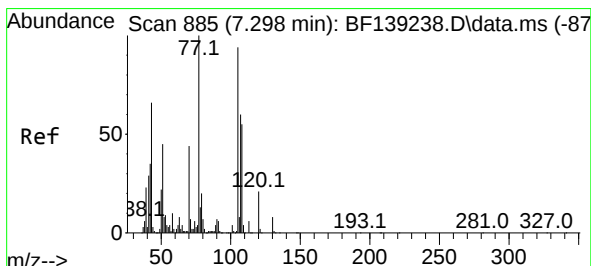
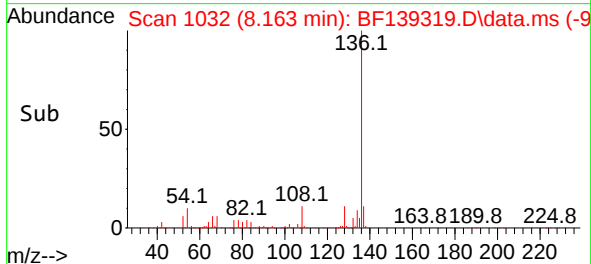
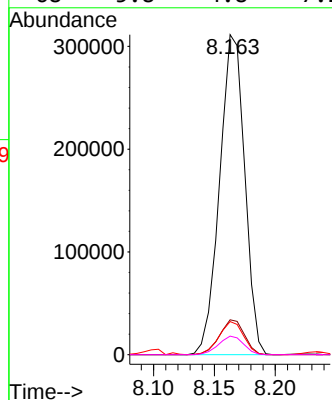
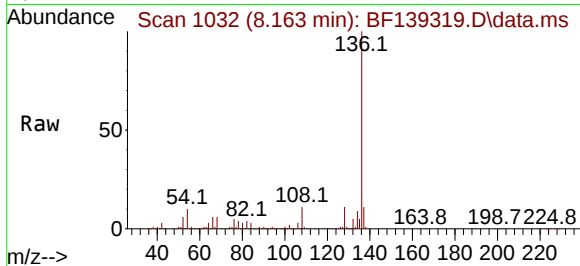




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

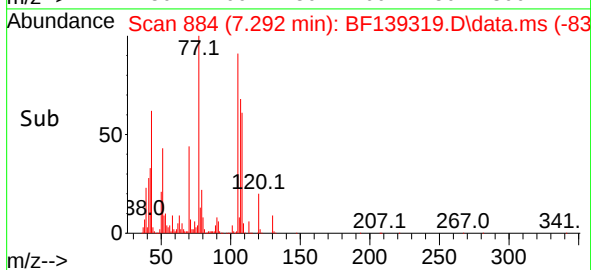
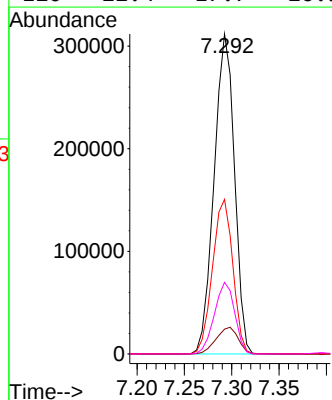
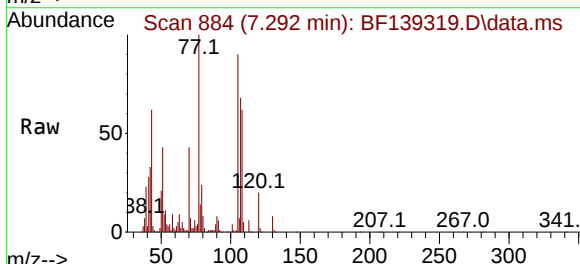
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

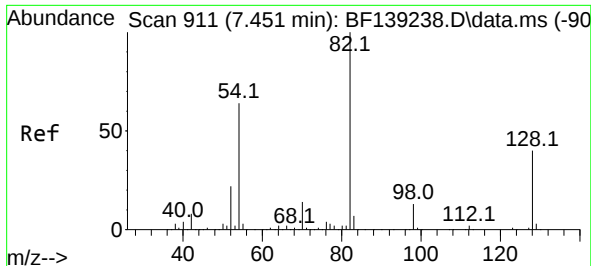
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 446391 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.6 13.0     |
| 54 10.4     | 8.4 12.6     |
| 68 5.8      | 4.8 7.2      |



#22  
Acetophenone  
Concen: 43.828 ng  
RT: 7.292 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 466099 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.8     | 6.2   | 9.2    |
| 51  | 48.3    | 38.2  | 57.2   |
| 120 | 22.4    | 17.7  | 26.5   |

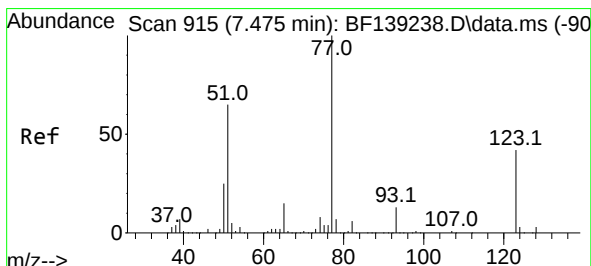
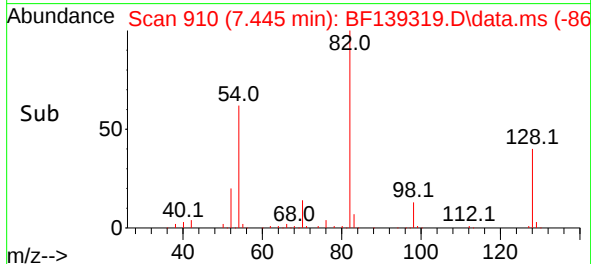
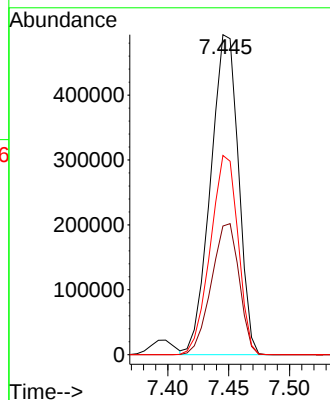
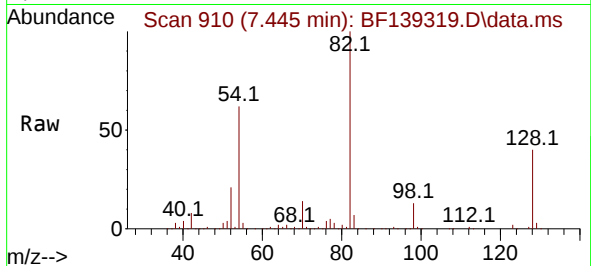




#23  
 Nitrobenzene-d5  
 Concen: 91.721 ng  
 RT: 7.445 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BF139319.D  
 Acq: 11 Sep 2024 12:17

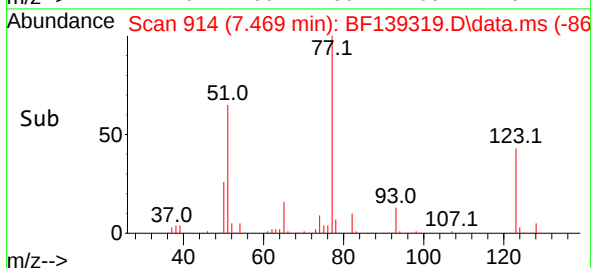
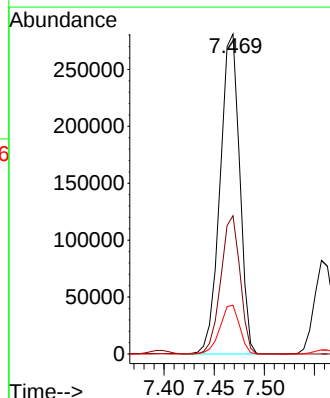
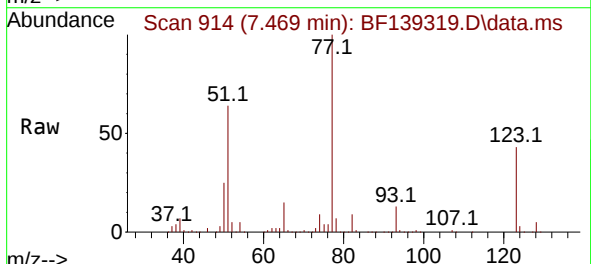
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163274BS

Tgt Ion: 82 Resp: 787026  
 Ion Ratio Lower Upper  
 82 100  
 128 40.2 32.3 48.5  
 54 62.2 51.2 76.8



#24  
 Nitrobenzene  
 Concen: 41.857 ng  
 RT: 7.469 min Scan# 914  
 Delta R.T. -0.006 min  
 Lab File: BF139319.D  
 Acq: 11 Sep 2024 12:17

Tgt Ion: 77 Resp: 381214  
 Ion Ratio Lower Upper  
 77 100  
 123 43.2 34.0 51.0  
 65 15.3 12.1 18.1

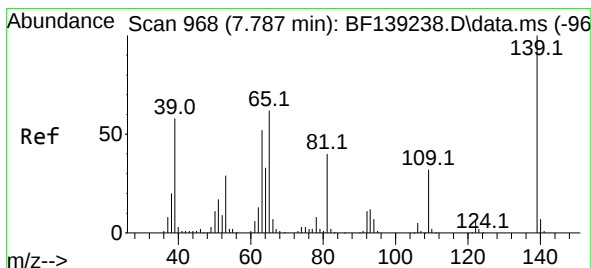
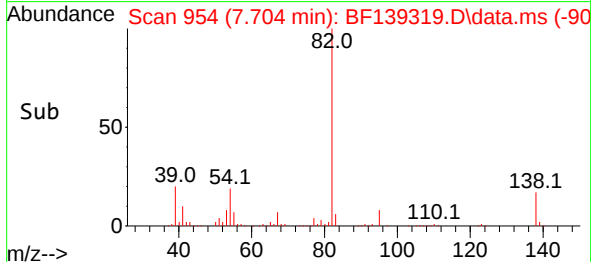
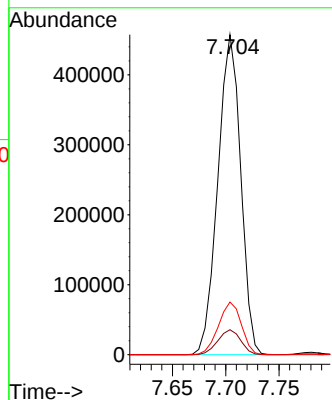
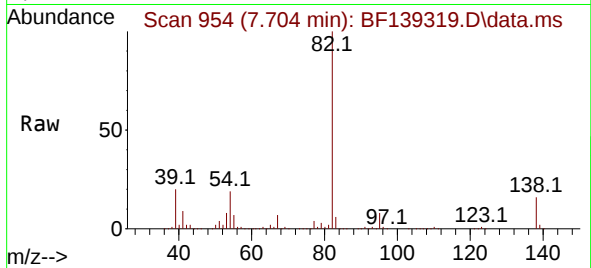




#25  
Isophorone  
Concen: 46.450 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

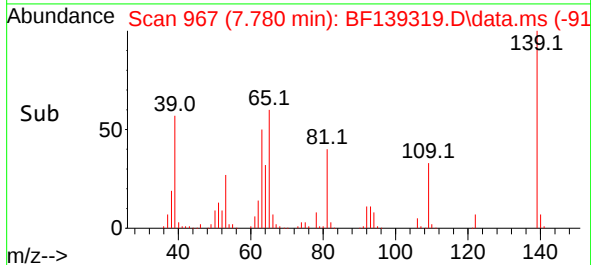
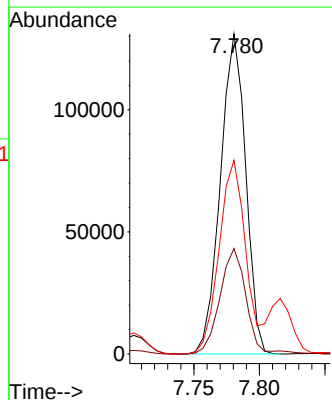
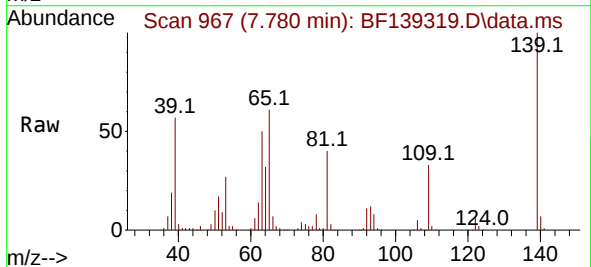
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion: 82 Resp: 681429  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.0 9.0  
138 16.4 13.4 20.0



#26  
2-Nitrophenol  
Concen: 49.164 ng  
RT: 7.780 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:139 Resp: 175863  
Ion Ratio Lower Upper  
139 100  
109 32.9 25.4 38.2  
65 60.5 49.4 74.2

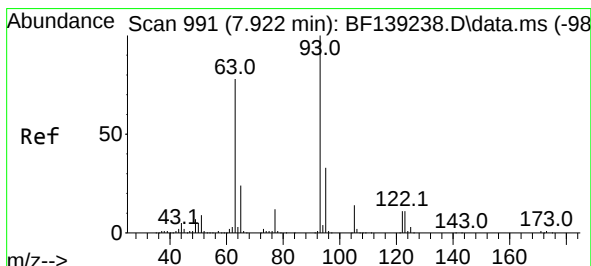
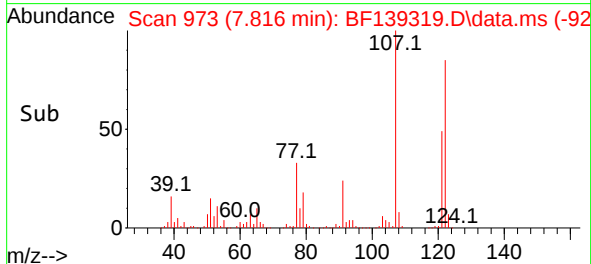
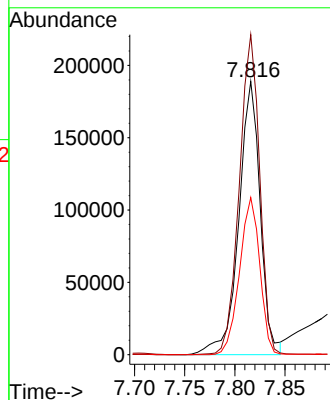
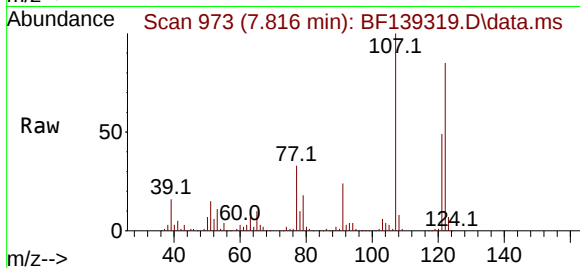




#27  
2,4-Dimethylphenol  
Concen: 55.162 ng  
RT: 7.816 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

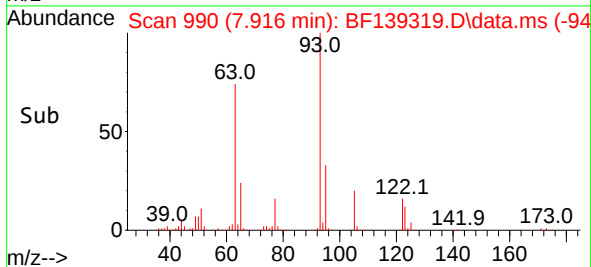
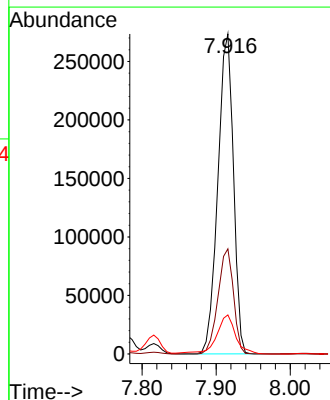
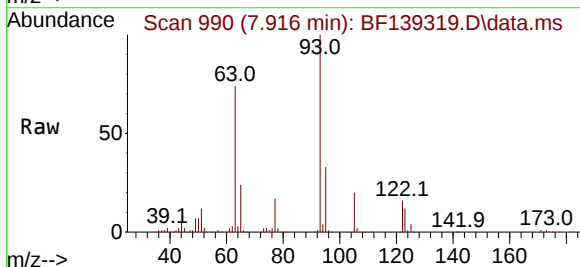
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

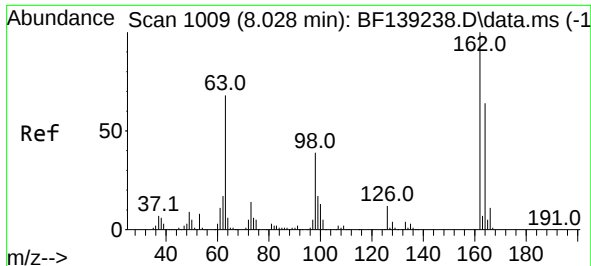
Tgt Ion:122 Resp: 281410  
Ion Ratio Lower Upper  
122 100  
107 117.1 93.4 140.2  
121 57.5 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.550 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion: 93 Resp: 398116  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.6 40.0  
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.628 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

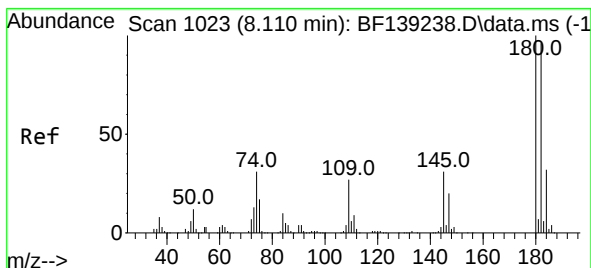
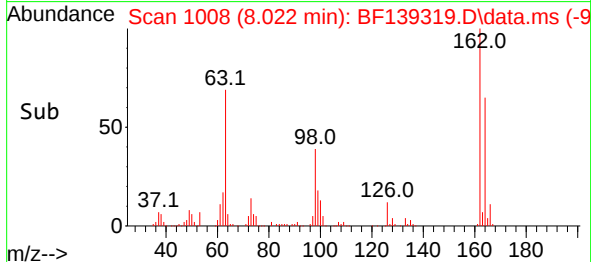
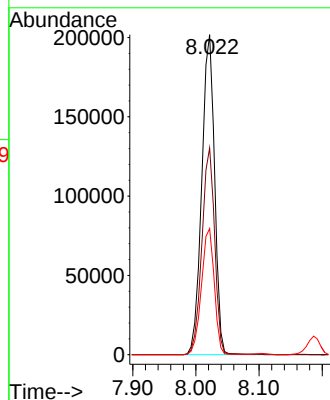
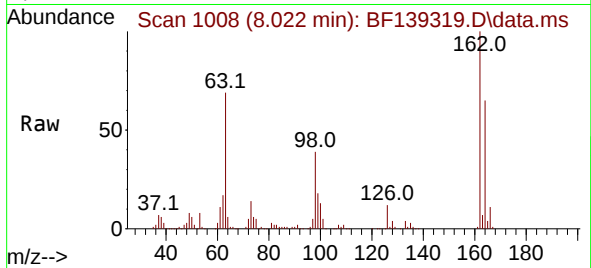
Tgt Ion:162 Resp: 284815

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 39.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.399 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

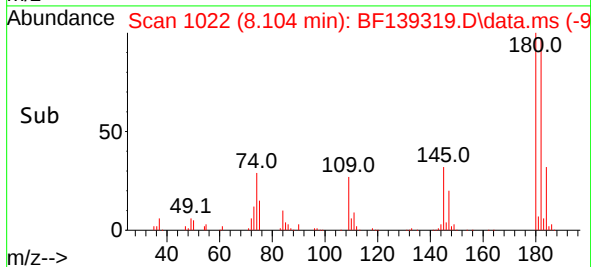
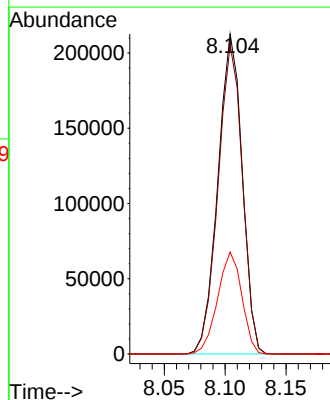
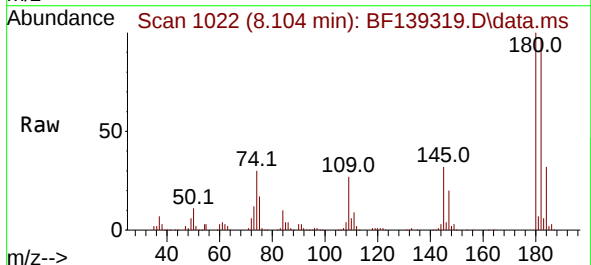
Tgt Ion:180 Resp: 295784

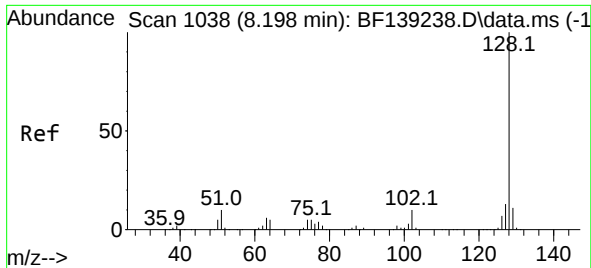
Ion Ratio Lower Upper

180 100

182 96.6 76.5 114.7

145 31.8 25.1 37.7

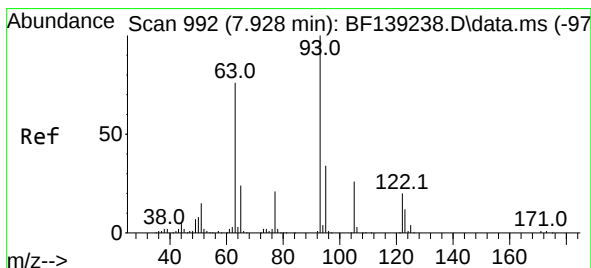
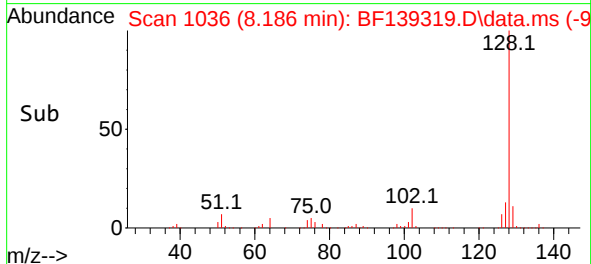
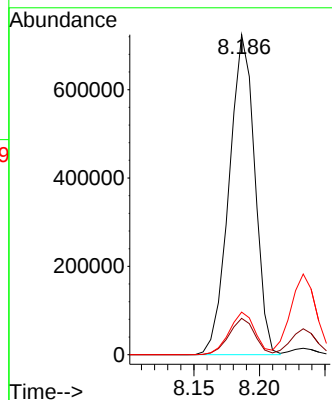
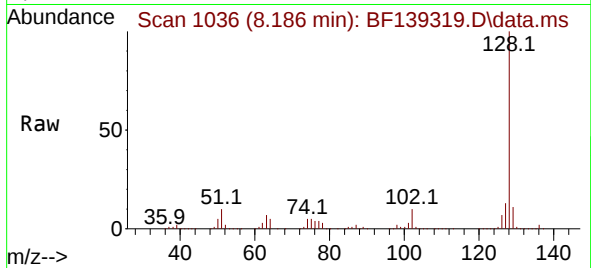




#31  
Naphthalene  
Concen: 43.662 ng  
RT: 8.186 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

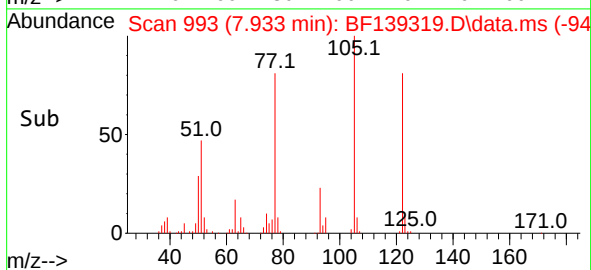
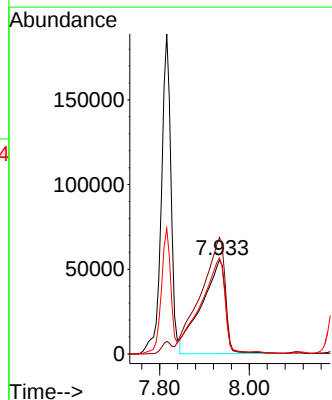
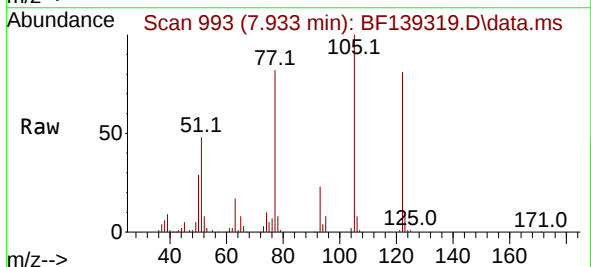
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

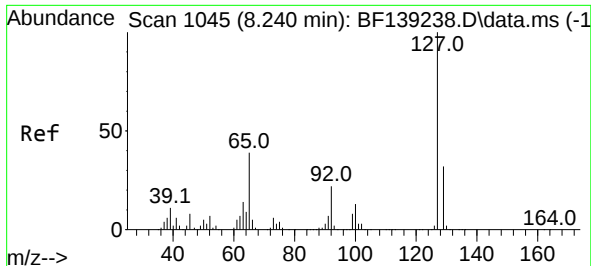
Tgt Ion:128 Resp: 987019  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.8 13.2  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 43.867 ng  
RT: 7.933 min Scan# 993  
Delta R.T. 0.005 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:122 Resp: 203843  
Ion Ratio Lower Upper  
122 100  
105 123.9 106.3 146.3  
77 102.2 84.1 124.1

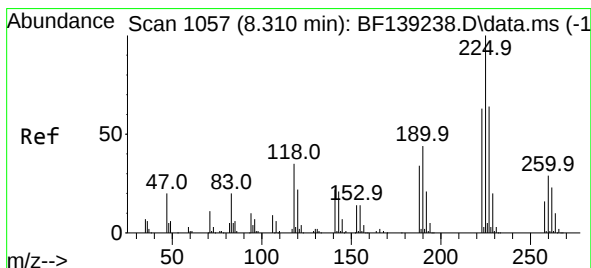
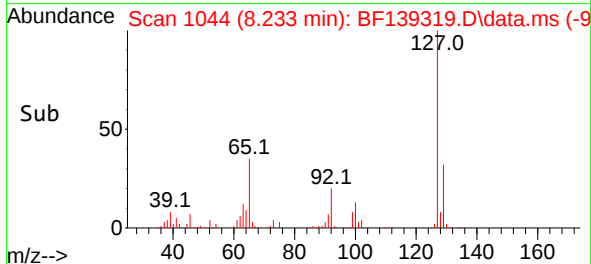
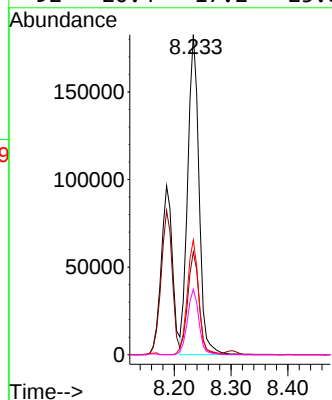
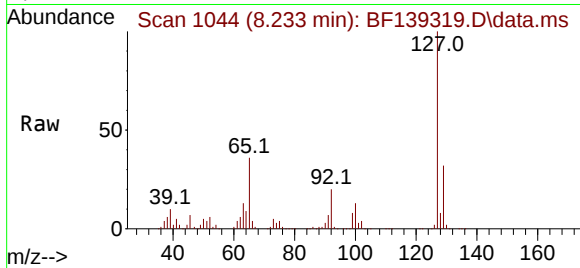




#33  
4-Chloroaniline  
Concen: 32.251 ng  
RT: 8.233 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

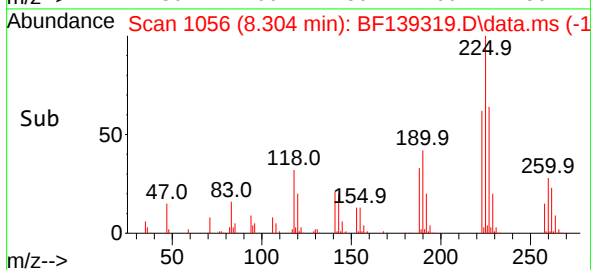
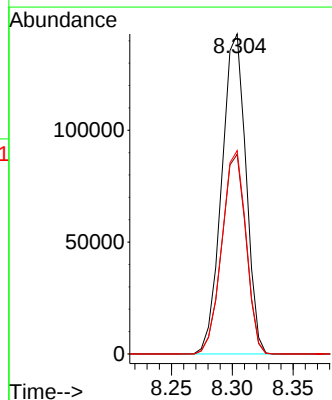
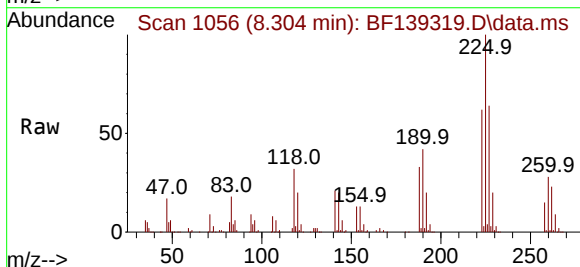
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

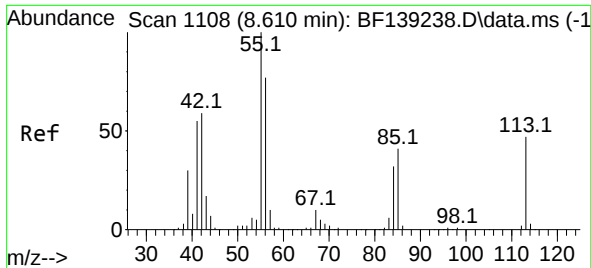
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 252438 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.8  | 38.6   |
| 65       | 35.9  | 30.6  | 45.8   |
| 92       | 20.4  | 17.2  | 25.8   |



#34  
Hexachlorobutadiene  
Concen: 44.763 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 197879 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.7  | 76.1   |
| 227      | 63.5  | 51.5  | 77.3   |

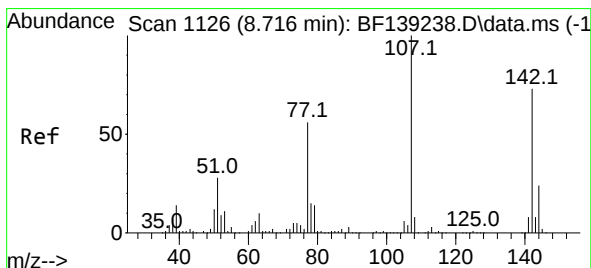
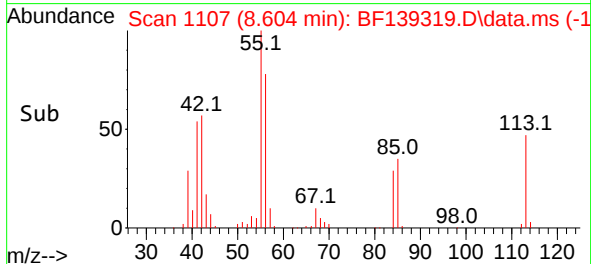
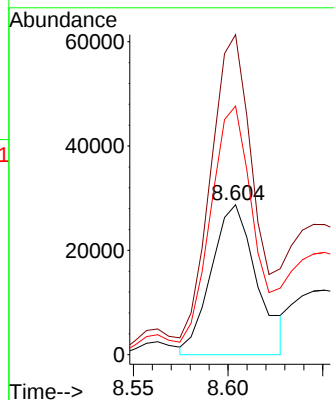
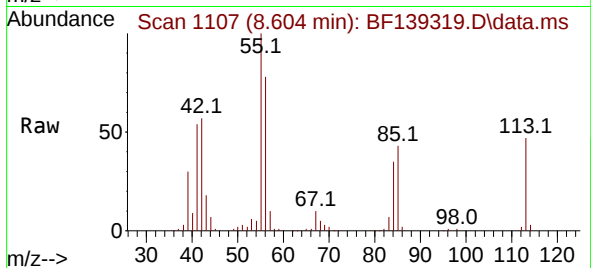




#35  
Caprolactam  
Concen: 25.357 ng  
RT: 8.604 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

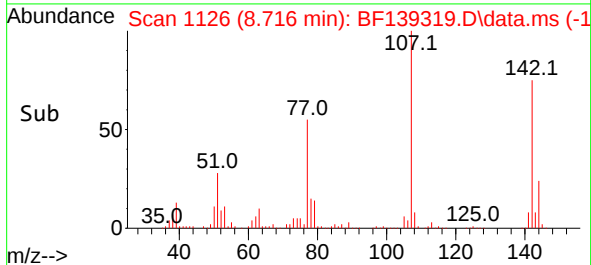
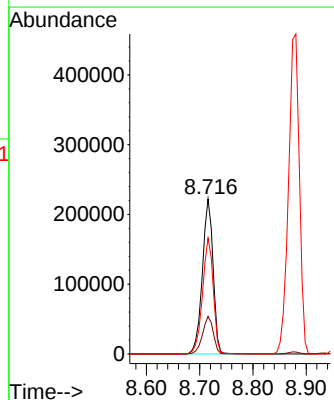
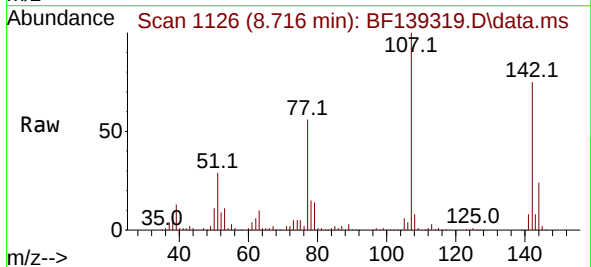
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

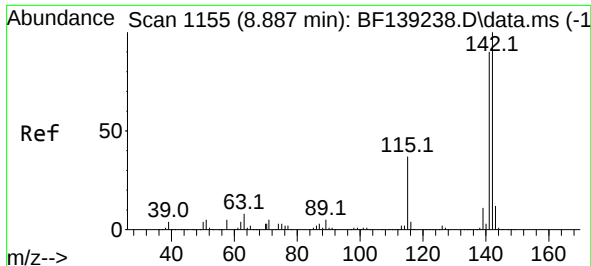
Tgt Ion:113 Resp: 47949  
Ion Ratio Lower Upper  
113 100  
55 213.5 193.7 233.7  
56 165.8 145.0 185.0



#36  
4-Chloro-3-methylphenol  
Concen: 46.703 ng  
RT: 8.716 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

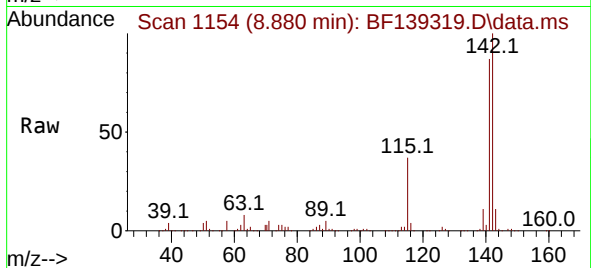
Tgt Ion:107 Resp: 310871  
Ion Ratio Lower Upper  
107 100  
144 24.2 19.1 28.7  
142 74.7 58.3 87.5



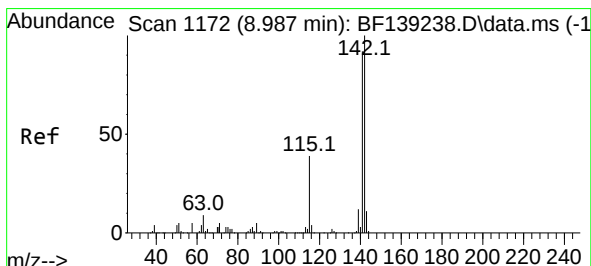
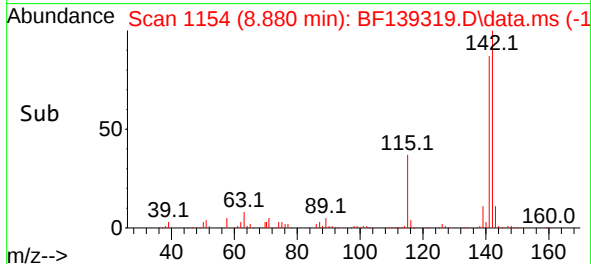
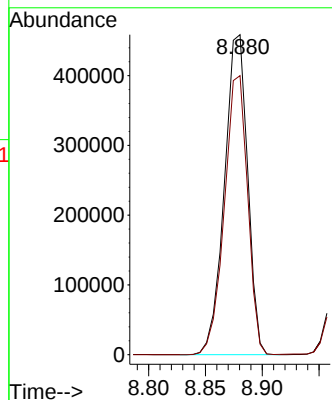


#37  
2-Methylnaphthalene  
Concen: 46.109 ng  
RT: 8.880 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

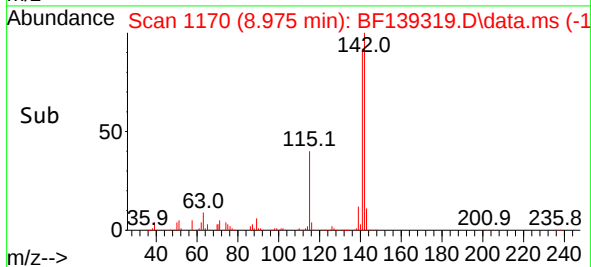
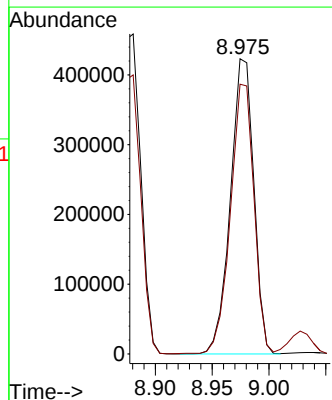
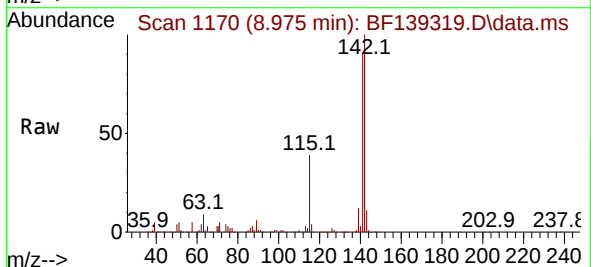


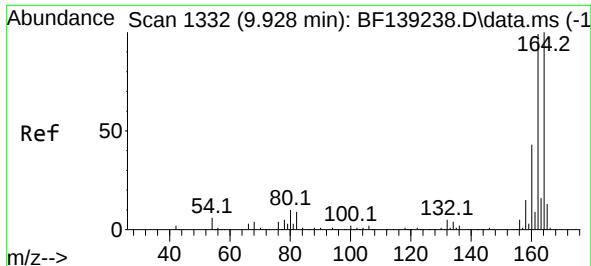
Tgt Ion:142 Resp: 652137  
Ion Ratio Lower Upper  
142 100  
141 87.2 71.6 107.4



#38  
1-Methylnaphthalene  
Concen: 43.541 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:142 Resp: 605646  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

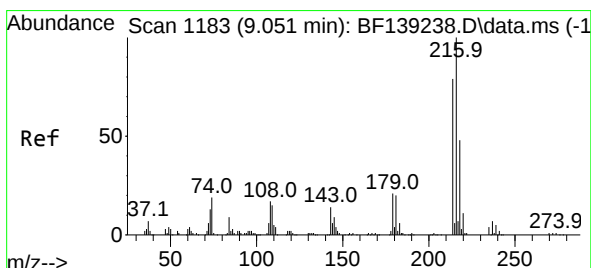
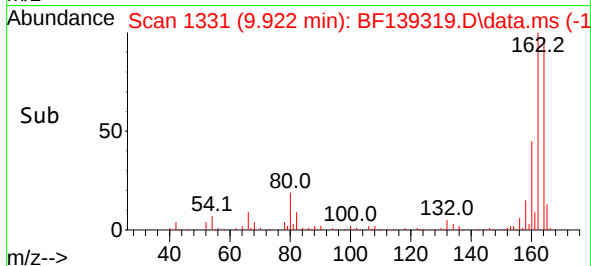
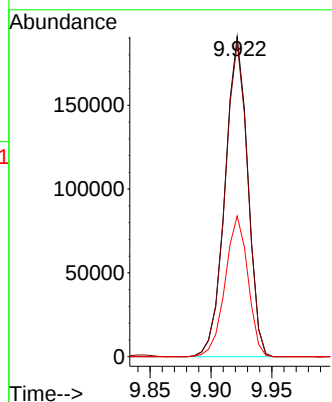
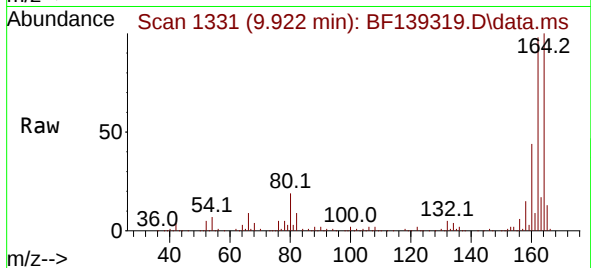
Tgt Ion:164 Resp: 248127

Ion Ratio Lower Upper

164 100

162 98.2 79.2 118.8

160 44.0 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.296 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion:216 Resp: 303948

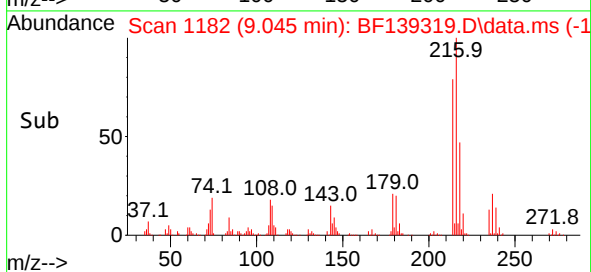
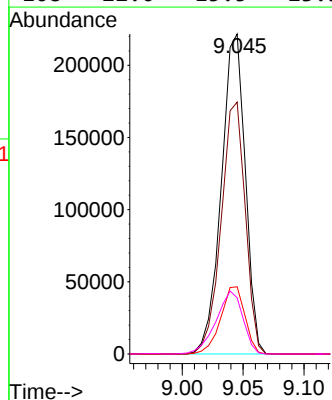
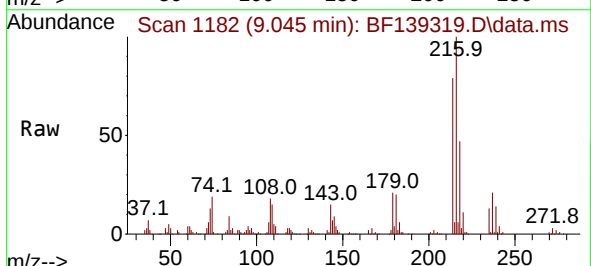
Ion Ratio Lower Upper

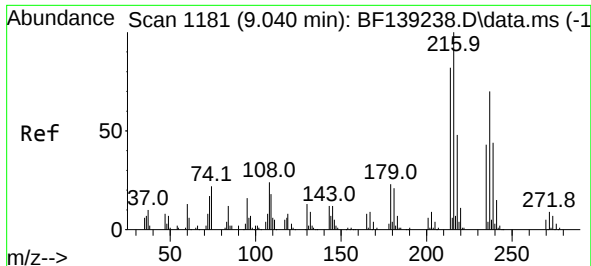
216 100

214 78.9 63.8 95.8

179 21.3 16.9 25.3

108 22.0 15.5 23.3

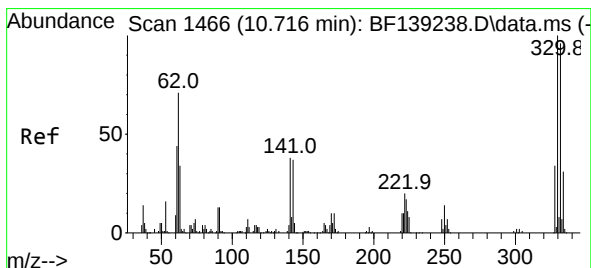
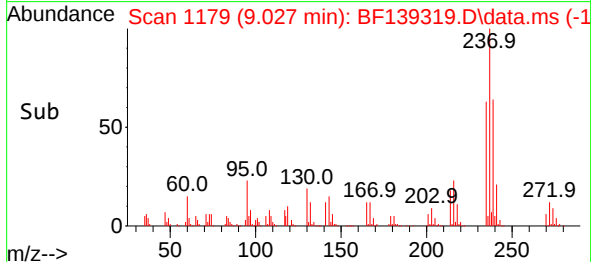
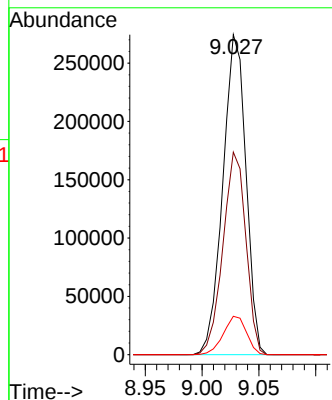
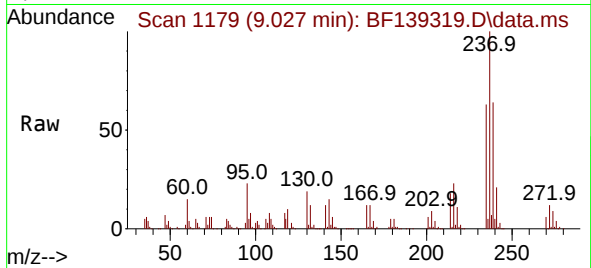




#41  
Hexachlorocyclopentadiene  
Concen: 172.028 ng  
RT: 9.027 min Scan# 1181  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

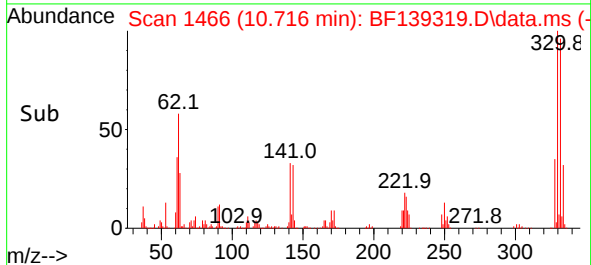
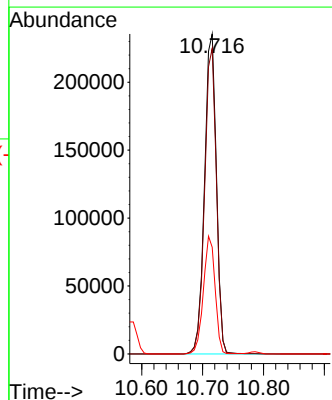
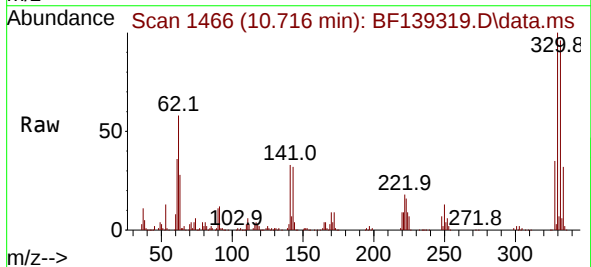
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion:237 Resp: 388116  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.4 81.4  
272 12.0 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 148.768 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:330 Resp: 318752  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.6 115.0  
141 36.4 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 47.957 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

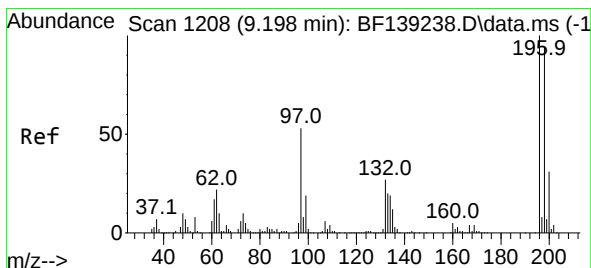
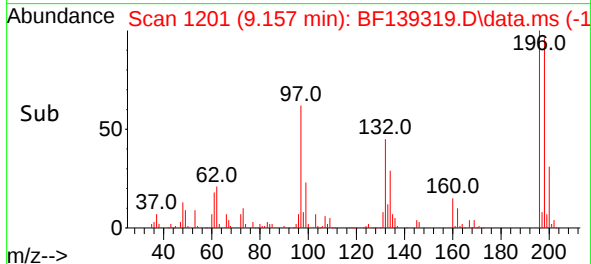
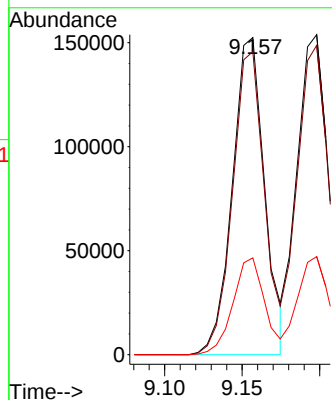
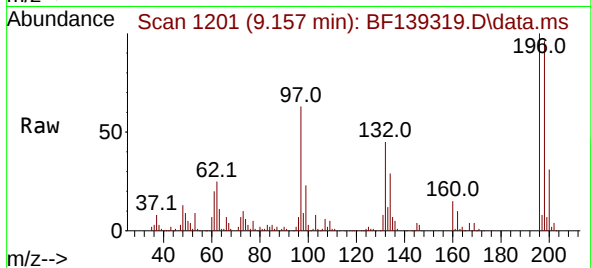
Tgt Ion:196 Resp: 220276

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.4

200 30.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.945 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion:196 Resp: 216335

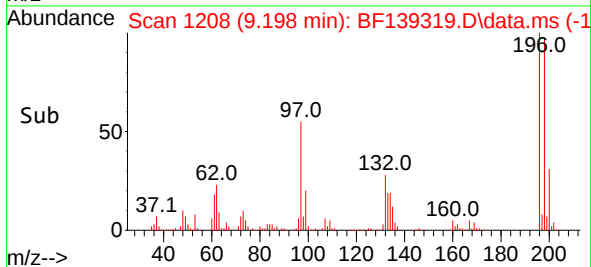
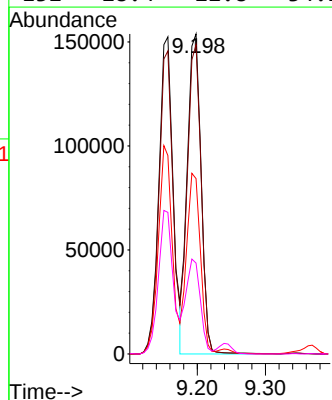
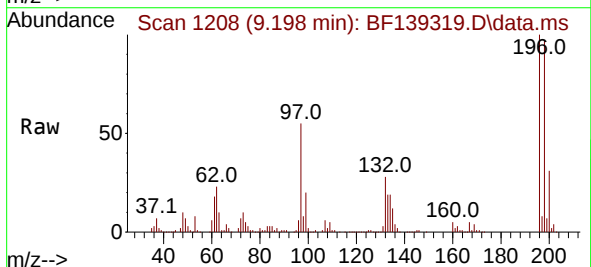
Ion Ratio Lower Upper

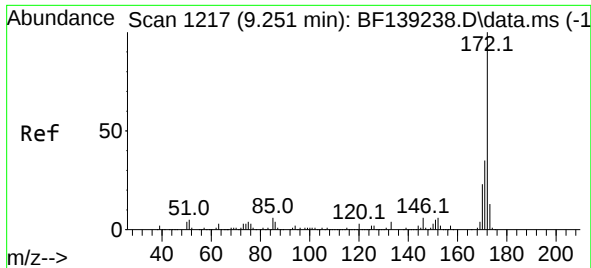
196 100

198 96.6 75.6 113.4

97 54.8 43.6 65.4

132 28.4 22.8 34.2

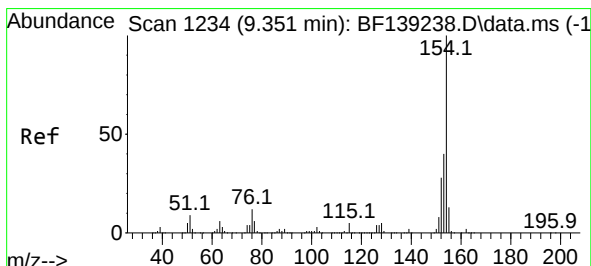
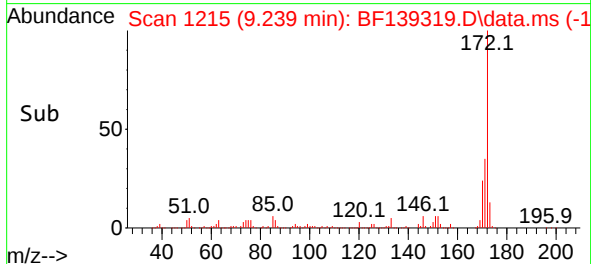
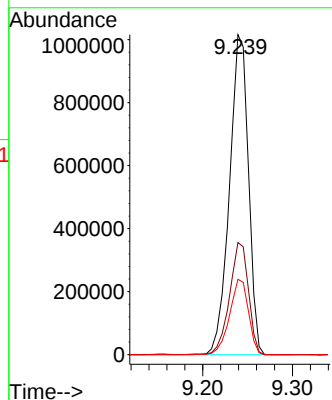
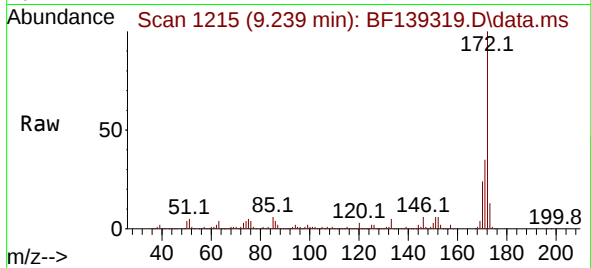




#45  
2-Fluorobiphenyl  
Concen: 92.569 ng  
RT: 9.239 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

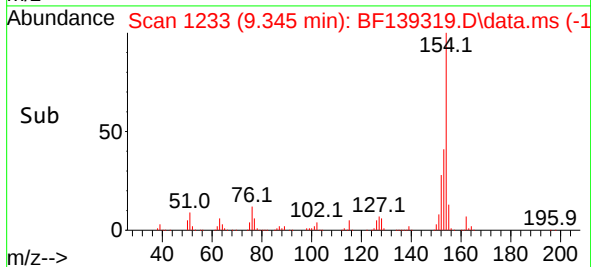
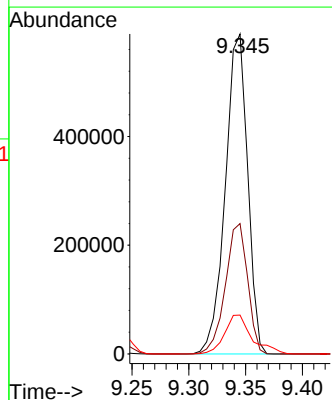
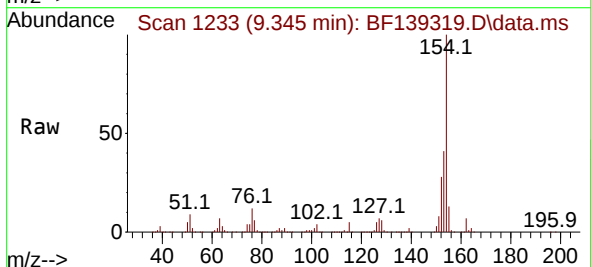
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

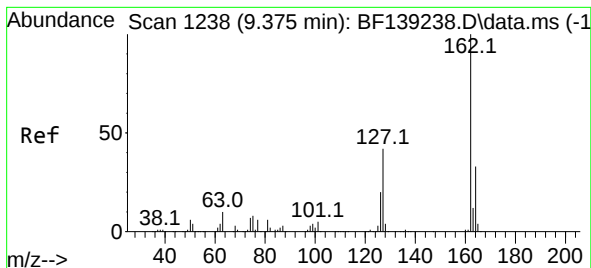
Tgt Ion:172 Resp: 1487969  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.3 42.5  
170 23.6 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 43.703 ng  
RT: 9.345 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:154 Resp: 803424  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.1 60.1  
76 12.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 43.519 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

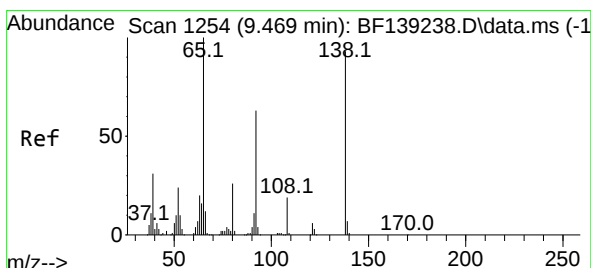
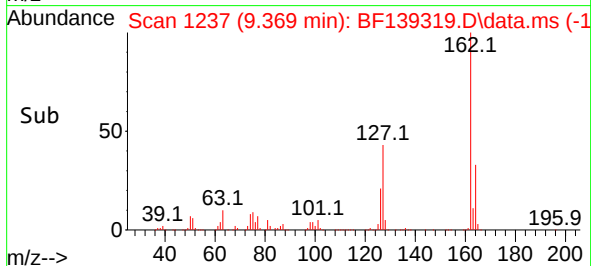
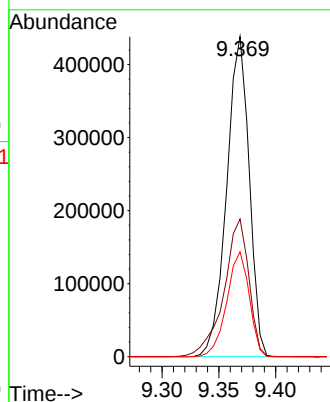
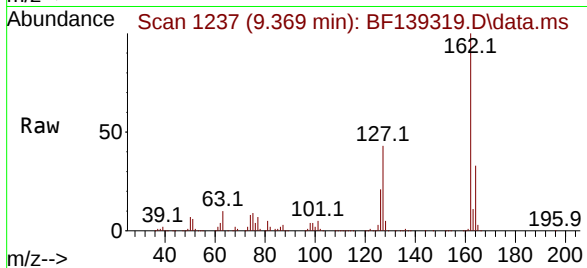
Tgt Ion:162 Resp: 604098

Ion Ratio Lower Upper

162 100

127 43.0 34.2 51.4

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 47.044 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

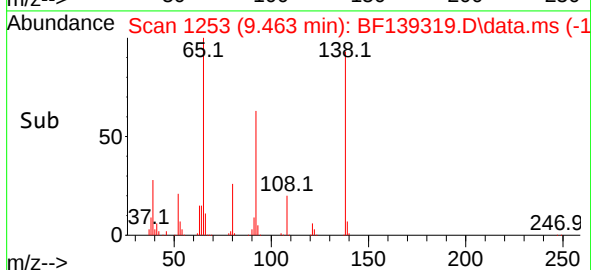
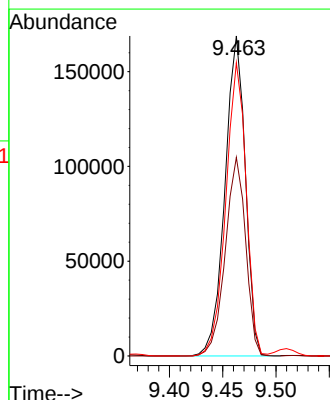
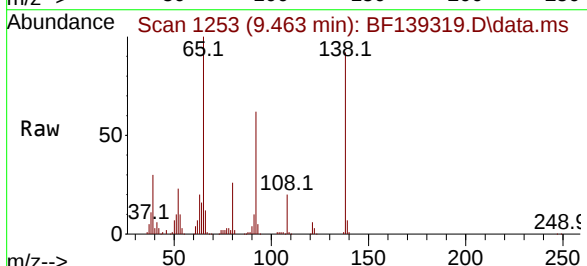
Tgt Ion: 65 Resp: 224931

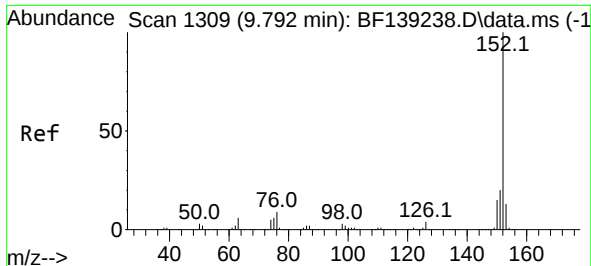
Ion Ratio Lower Upper

65 100

92 62.0 50.4 75.6

138 91.6 74.2 111.4

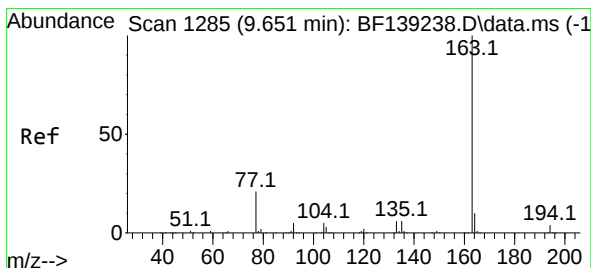
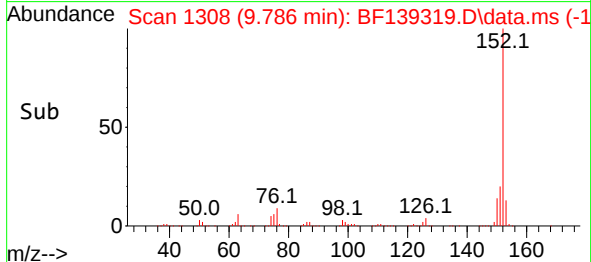
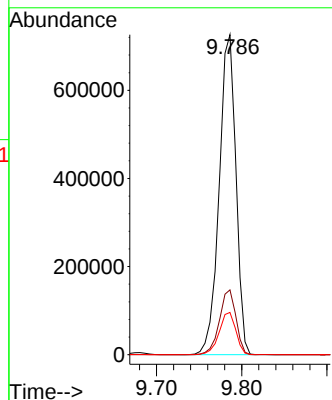
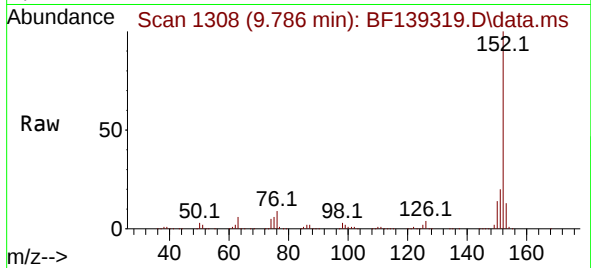




#49  
Acenaphthylene  
Concen: 47.470 ng  
RT: 9.786 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

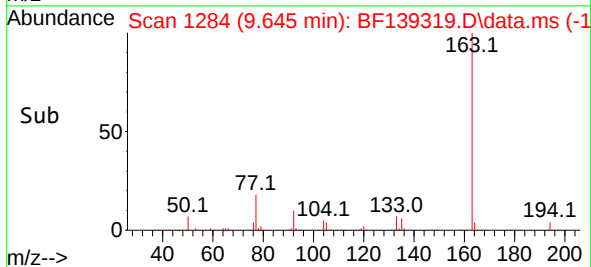
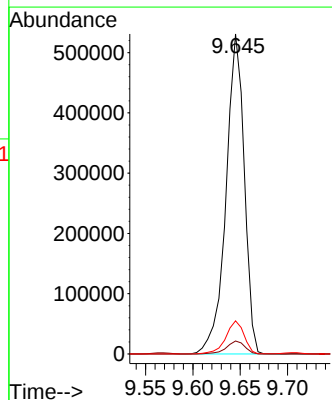
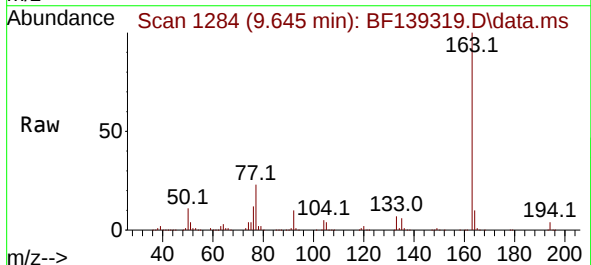
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

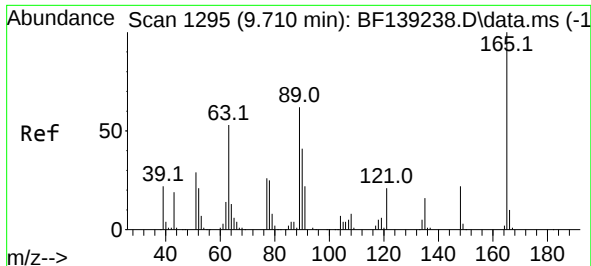
Tgt Ion:152 Resp: 992471  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.0 24.0  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 47.346 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:163 Resp: 712036  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.4 7.9 11.9

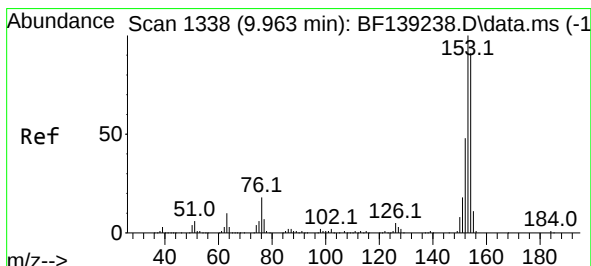
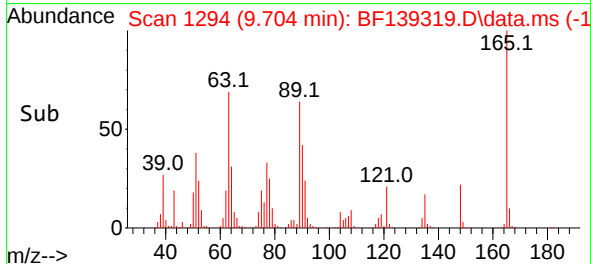
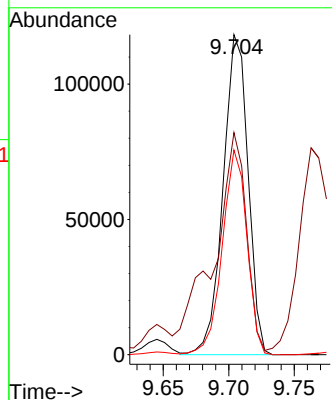
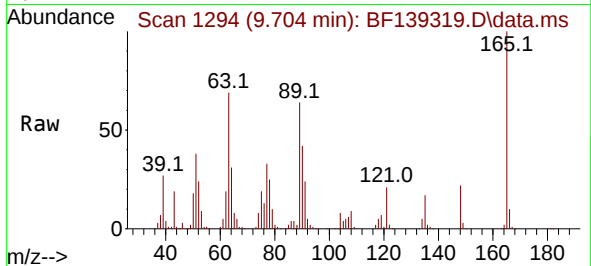




#51  
2,6-Dinitrotoluene  
Concen: 45.797 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

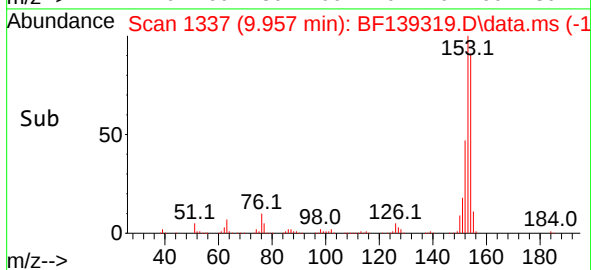
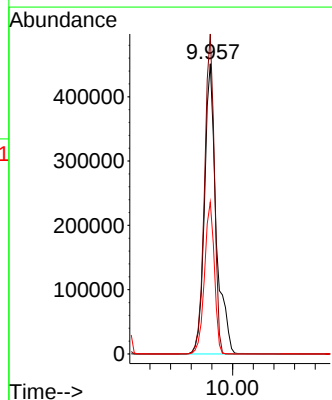
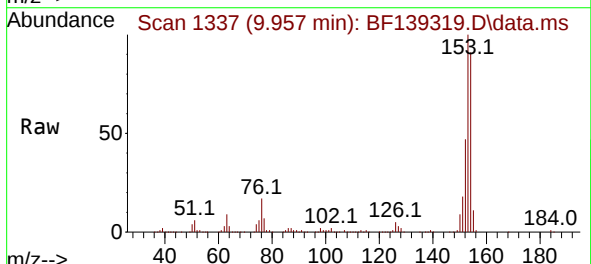
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

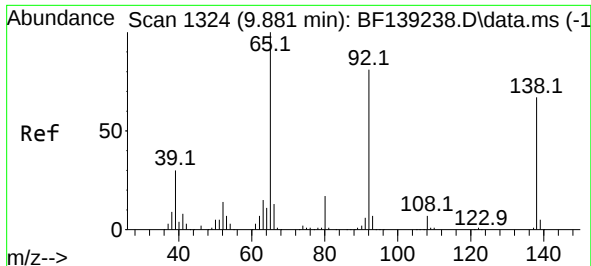
Tgt Ion:165 Resp: 156247  
Ion Ratio Lower Upper  
165 100  
63 69.4 56.1 84.1  
89 64.0 49.7 74.5



#52  
Acenaphthene  
Concen: 51.386 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:154 Resp: 712578  
Ion Ratio Lower Upper  
154 100  
153 110.3 87.8 131.6  
152 52.3 41.7 62.5

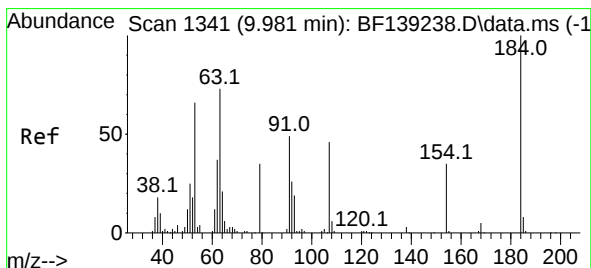
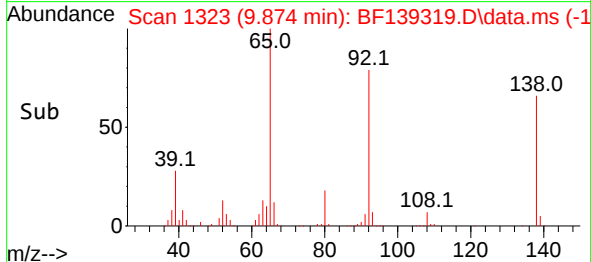
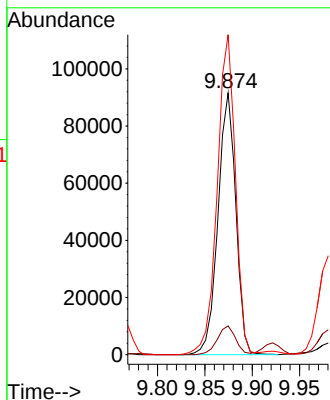
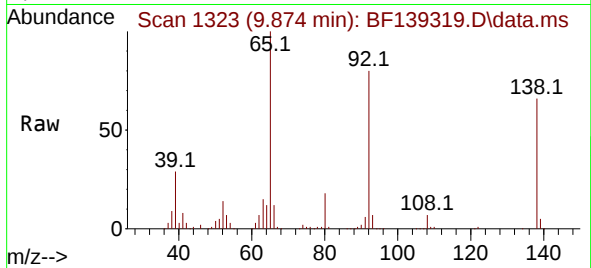




#53  
3-Nitroaniline  
Concen: 33.062 ng  
RT: 9.874 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

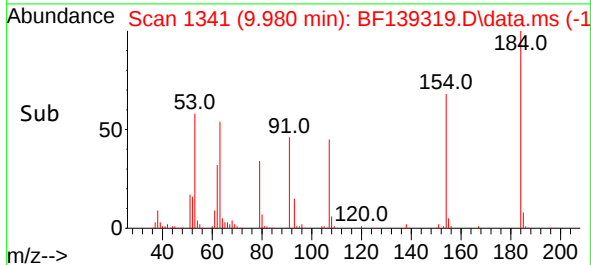
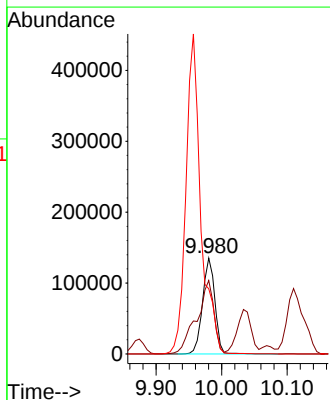
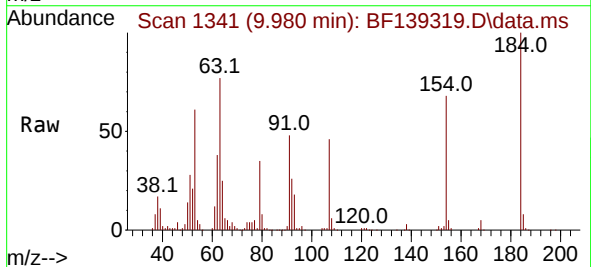
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BNA\_F  
ClientSampleId :  
PB163274BS

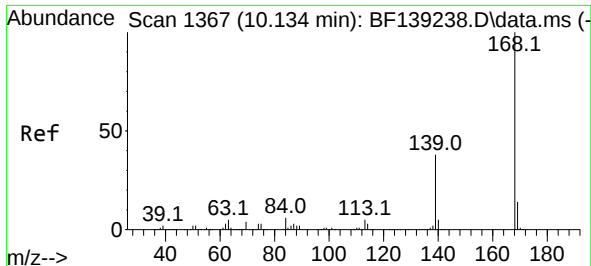
Tgt Ion:138 Resp: 120181  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.6 13.0  
92 122.3 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 97.645 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. -0.001 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:184 Resp: 177819  
Ion Ratio Lower Upper  
184 100  
63 76.6 66.4 99.6  
154 68.0 97.0 145.6#

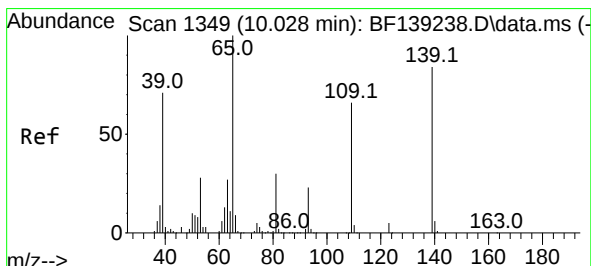
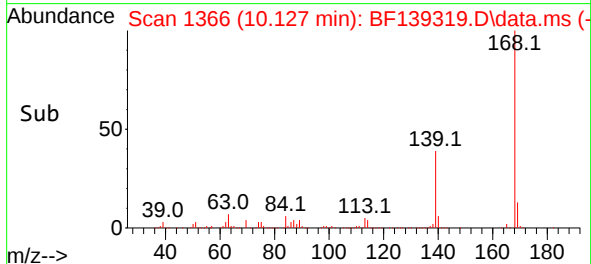
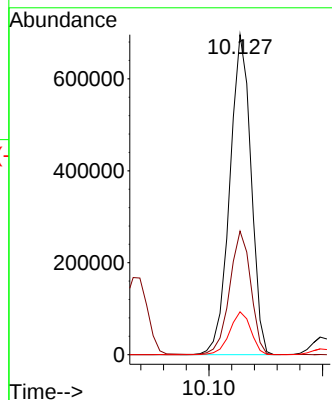
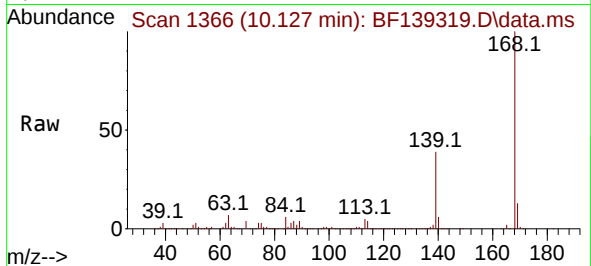




#55  
Dibenzenofuran  
Concen: 45.506 ng  
RT: 10.127 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

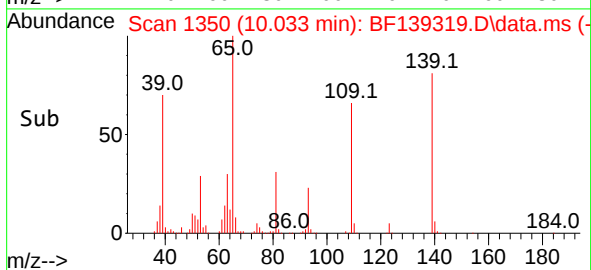
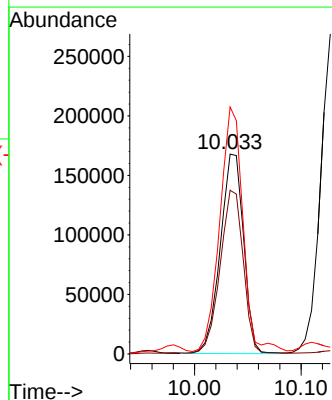
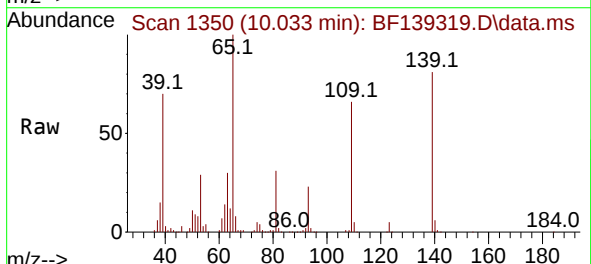
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

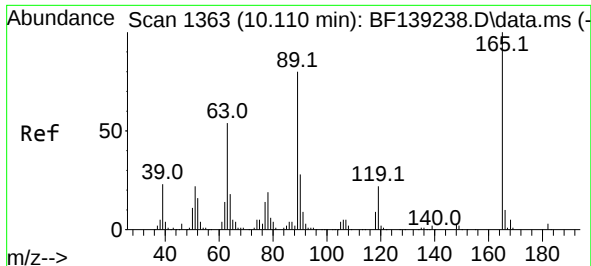
Tgt Ion:168 Resp: 904721  
Ion Ratio Lower Upper  
168 100  
139 38.6 30.2 45.4  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 94.882 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:139 Resp: 254568  
Ion Ratio Lower Upper  
139 100  
109 81.9 58.7 98.7  
65 123.6 100.3 140.3

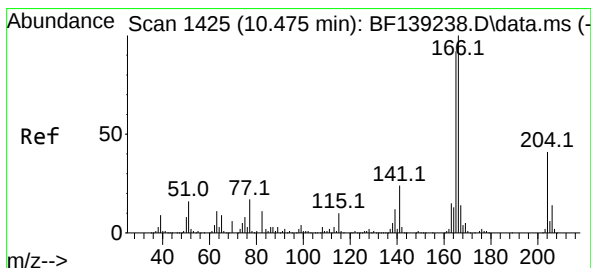
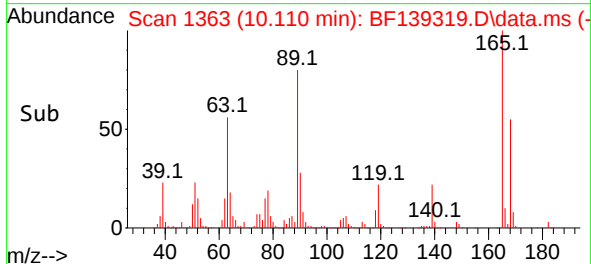
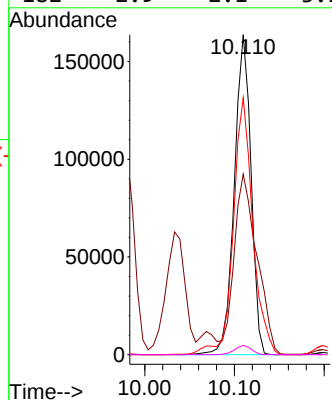
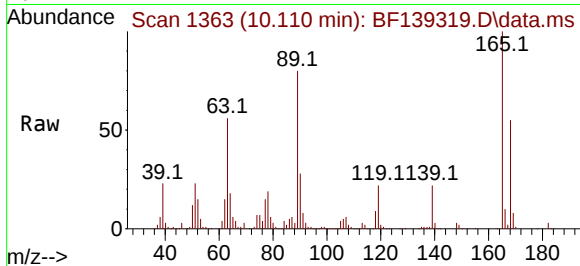




#57  
2,4-Dinitrotoluene  
Concen: 48.753 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

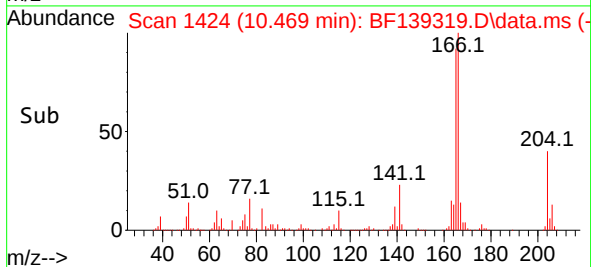
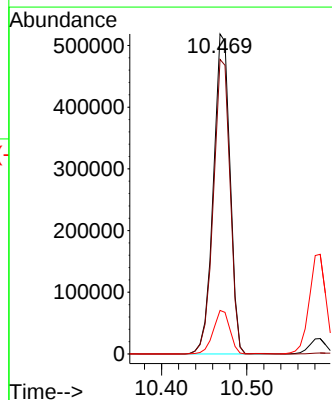
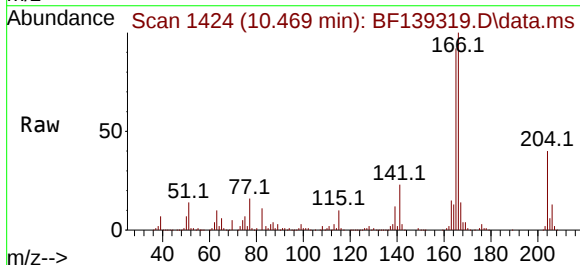
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion:165 Resp: 211708  
Ion Ratio Lower Upper  
165 100  
63 56.4 43.4 65.0  
89 80.3 64.2 96.4  
182 2.9 2.1 3.1



#58  
Fluorene  
Concen: 45.656 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:166 Resp: 703750  
Ion Ratio Lower Upper  
166 100  
165 92.0 73.7 110.5  
167 13.6 10.9 16.3

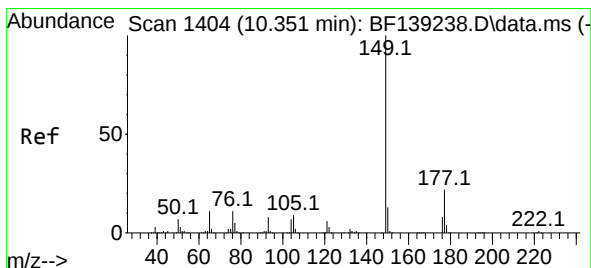
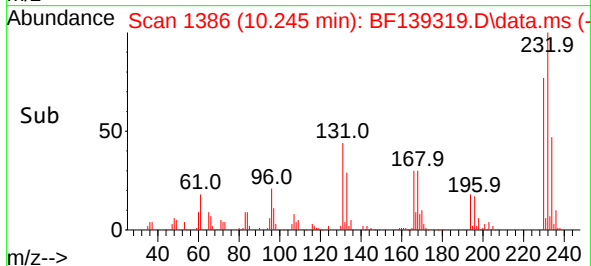
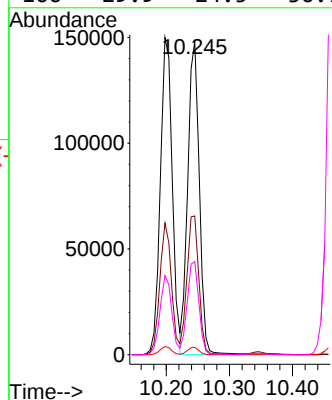
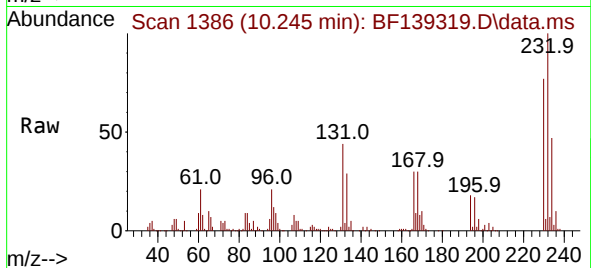




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.185 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

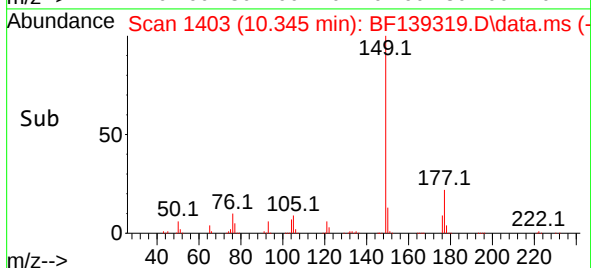
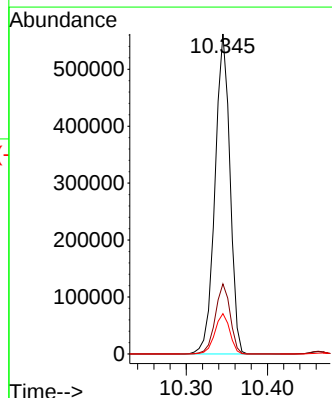
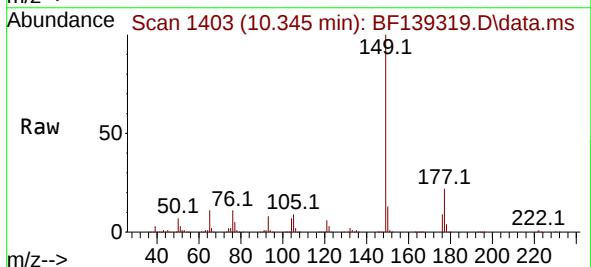
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

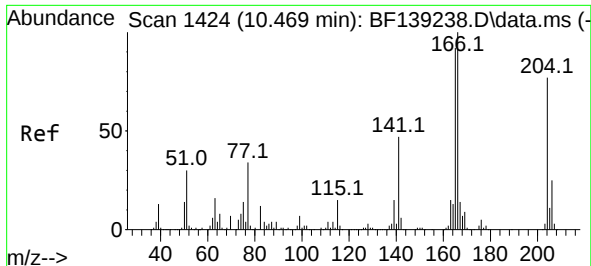
Tgt Ion:232 Resp: 190144  
Ion Ratio Lower Upper  
232 100  
131 45.1 37.7 56.5  
130 2.3 1.9 2.9  
166 29.9 24.5 36.7



#60  
Diethylphthalate  
Concen: 48.483 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:149 Resp: 717538  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.7 26.5  
150 12.6 10.2 15.2

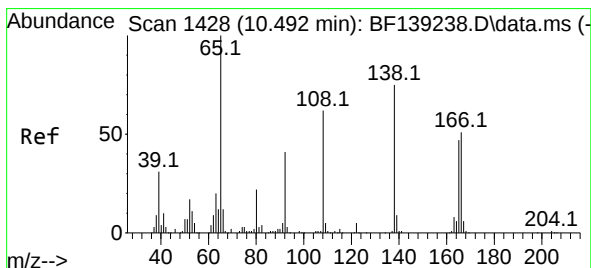
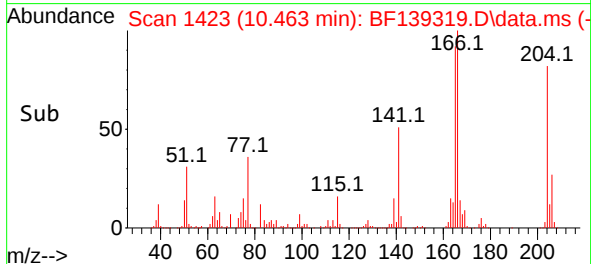
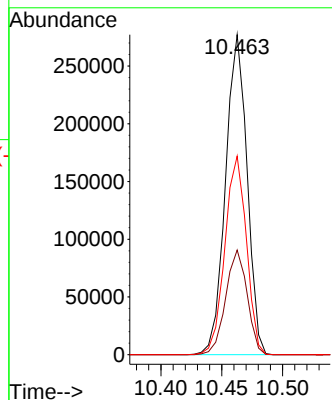
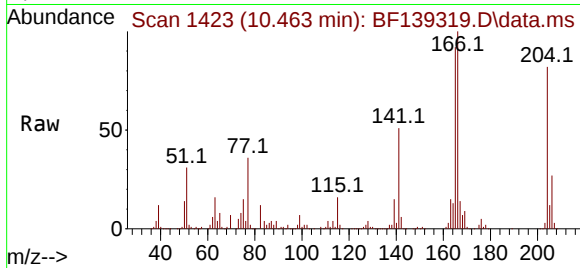




#61  
4-Chlorophenyl-phenylether  
Concen: 45.863 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

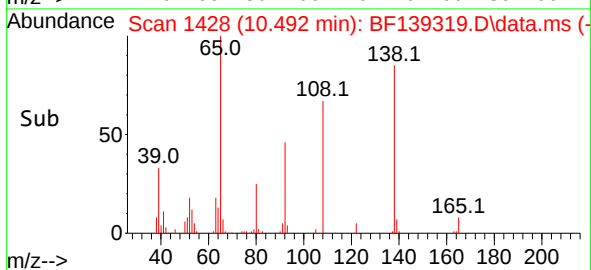
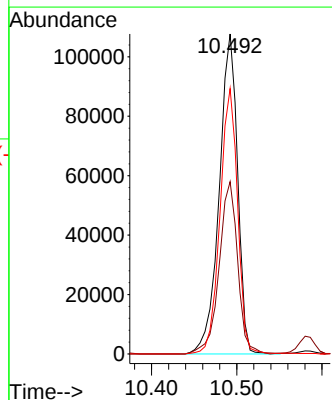
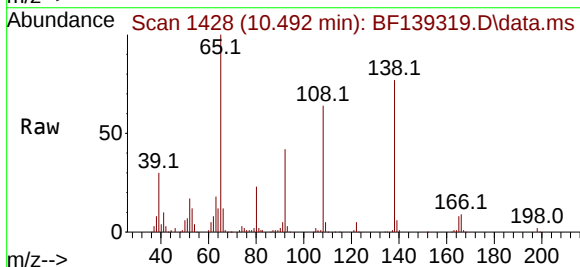
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion:204 Resp: 340929  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.8 38.8  
141 62.1 48.6 72.8



#62  
4-Nitroaniline  
Concen: 46.723 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:138 Resp: 161668  
Ion Ratio Lower Upper  
138 100  
92 53.9 34.4 74.4  
108 82.9 62.7 102.7





#63

Azobenzene

Concen: 46.042 ng

RT: 10.621 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

Tgt Ion: 77 Resp: 718194

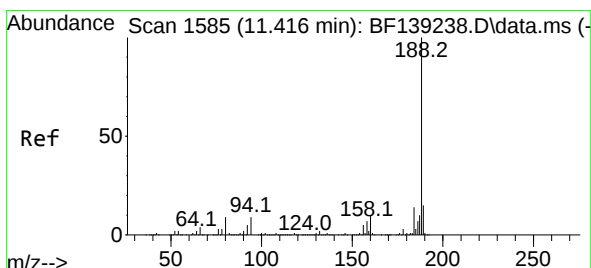
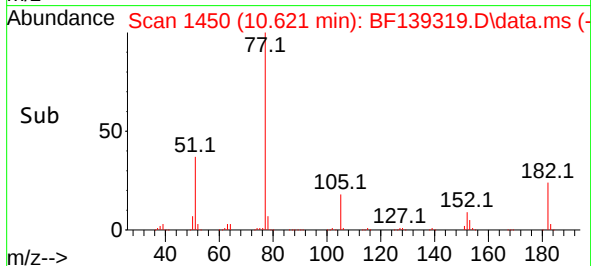
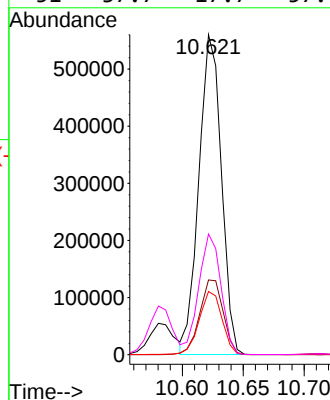
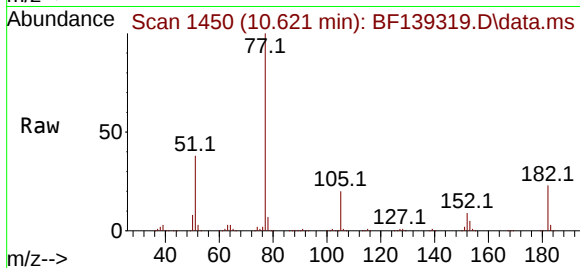
Ion Ratio Lower Upper

77 100

182 23.3 3.0 43.0

105 19.7 0.0 39.4

51 37.7 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

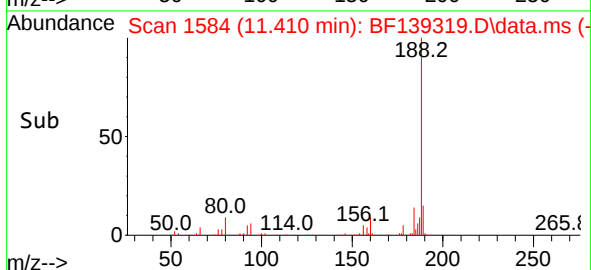
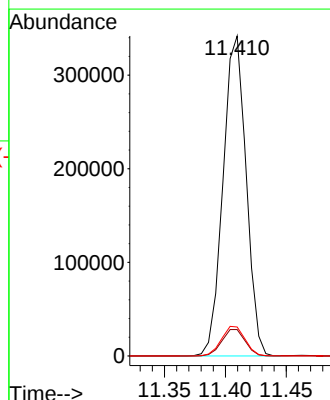
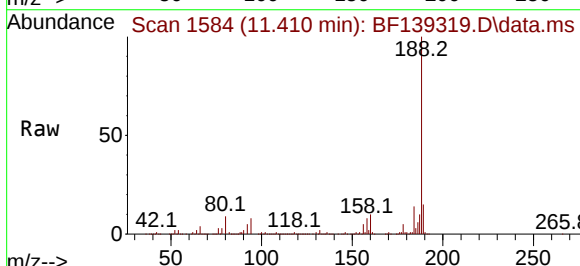
Tgt Ion:188 Resp: 451359

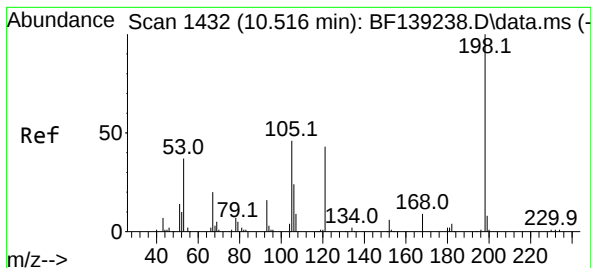
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.1 7.3 10.9

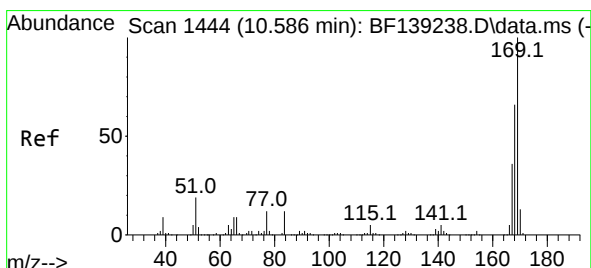
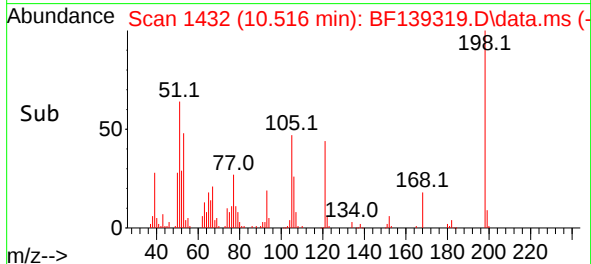
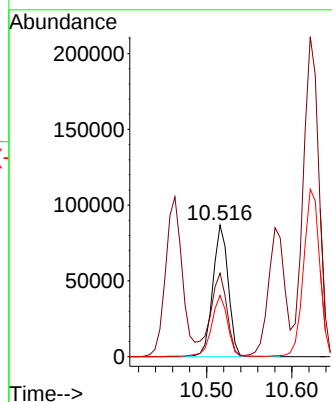
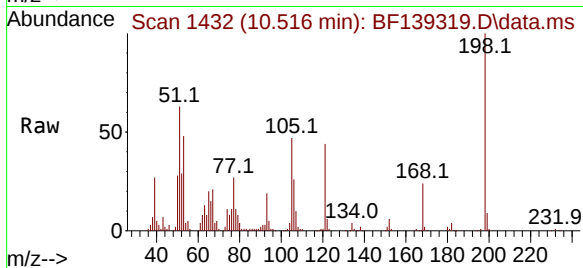




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.211 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

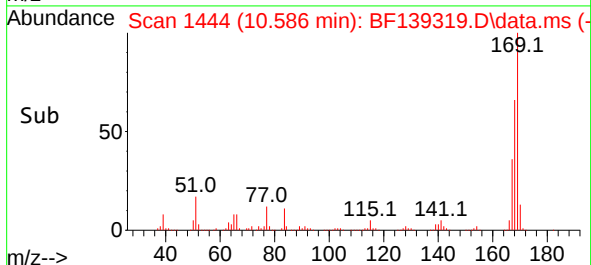
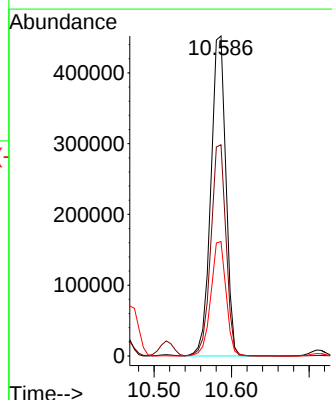
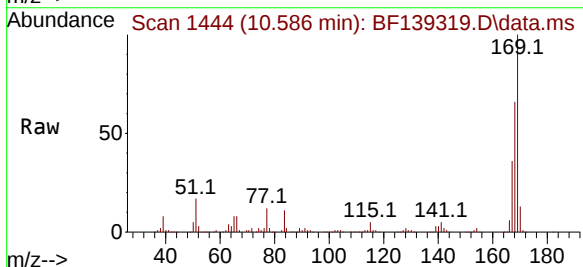
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

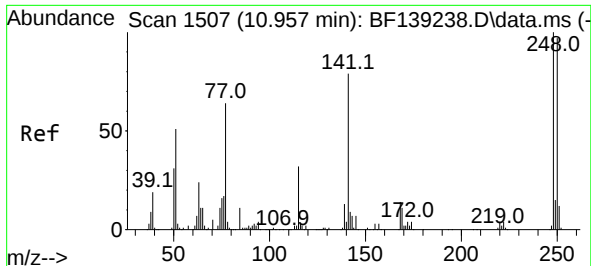
Tgt Ion:198 Resp: 108888  
Ion Ratio Lower Upper  
198 100  
51 63.5 47.2 87.2  
105 46.5 27.1 67.1



#66  
n-Nitrosodiphenylamine  
Concen: 46.349 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:169 Resp: 608953  
Ion Ratio Lower Upper  
169 100  
168 66.0 53.0 79.6  
167 35.7 29.0 43.6

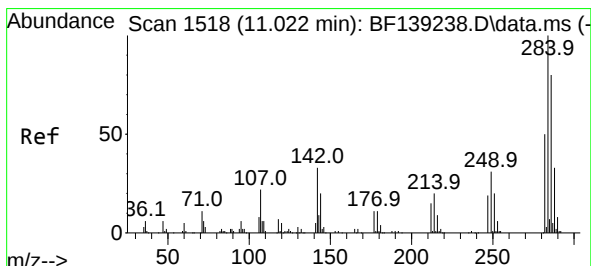
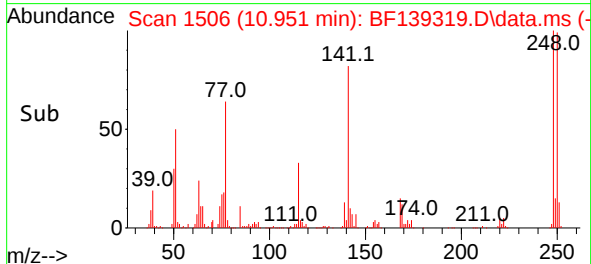
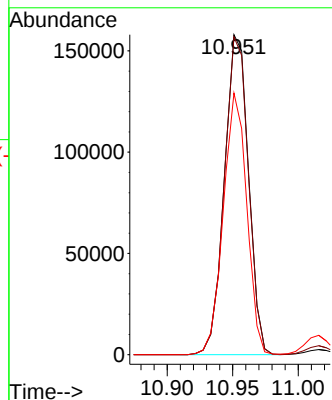
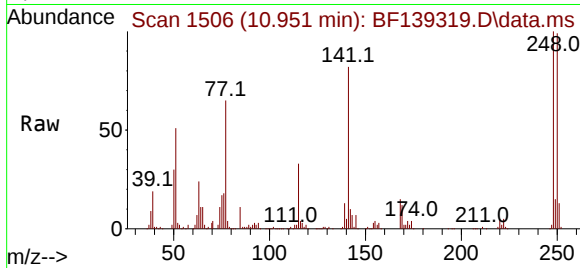




#67  
4-Bromophenyl-phenylether  
Concen: 46.158 ng  
RT: 10.951 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

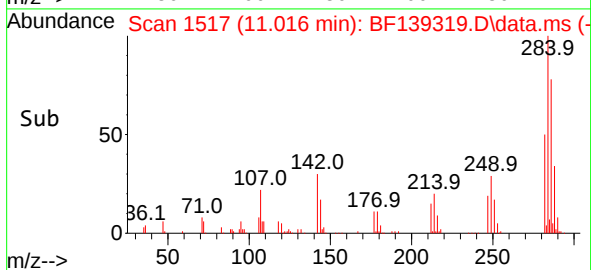
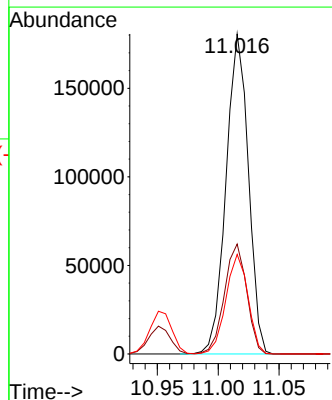
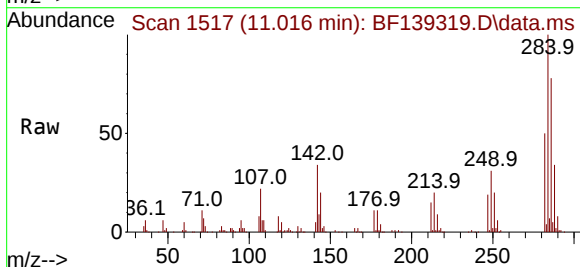
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

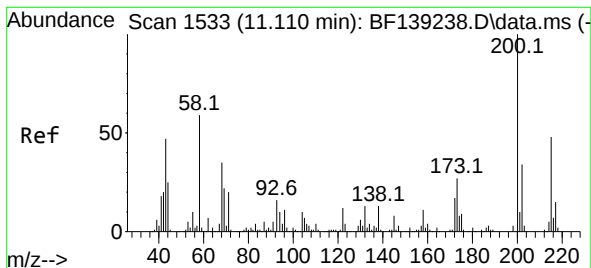
Tgt Ion:248 Resp: 202138  
Ion Ratio Lower Upper  
248 100  
250 99.3 77.2 115.8  
141 81.8 63.6 95.4



#68  
Hexachlorobenzene  
Concen: 45.928 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:284 Resp: 230247  
Ion Ratio Lower Upper  
284 100  
142 34.4 26.5 39.7  
249 31.1 24.8 37.2





#69

Atrazine

Concen: 63.315 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

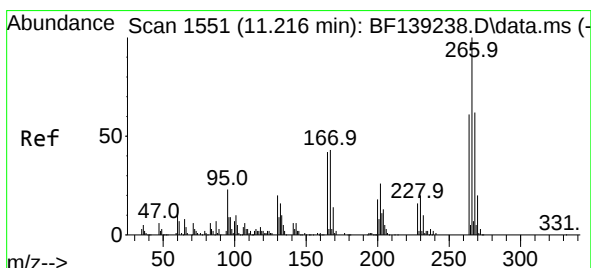
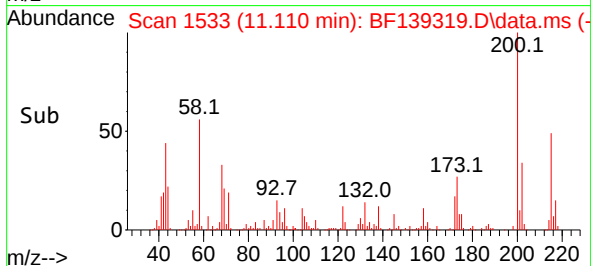
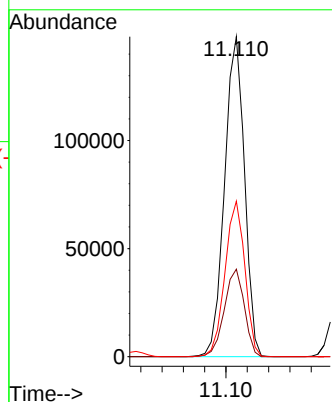
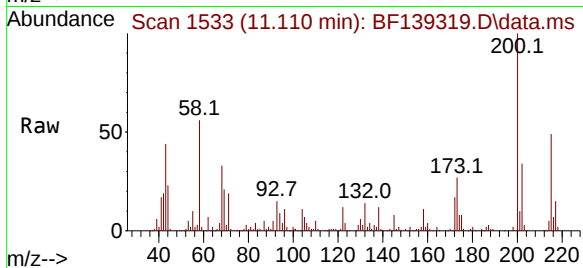
Tgt Ion:200 Resp: 191922

Ion Ratio Lower Upper

200 100

173 27.3 7.1 47.1

215 48.6 28.5 68.5



#70

Pentachlorophenol

Concen: 93.768 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

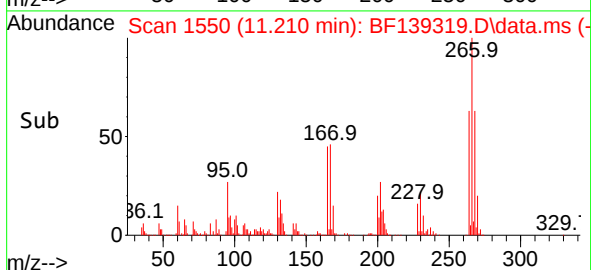
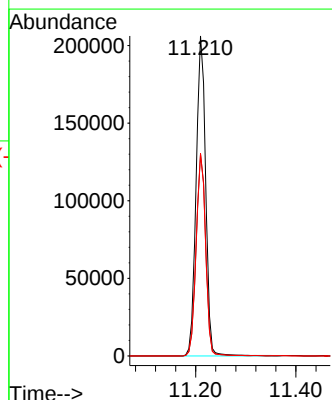
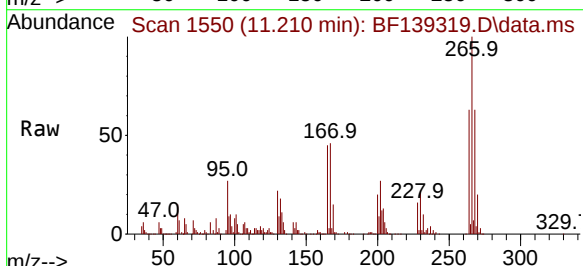
Tgt Ion:266 Resp: 271543

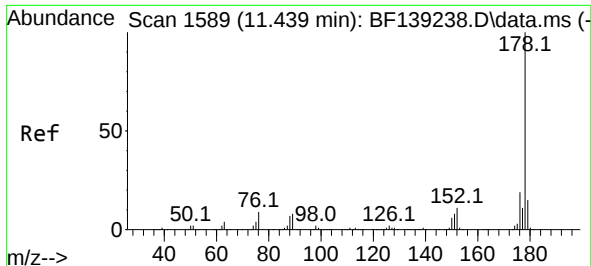
Ion Ratio Lower Upper

266 100

268 63.1 49.7 74.5

264 63.3 49.2 73.8

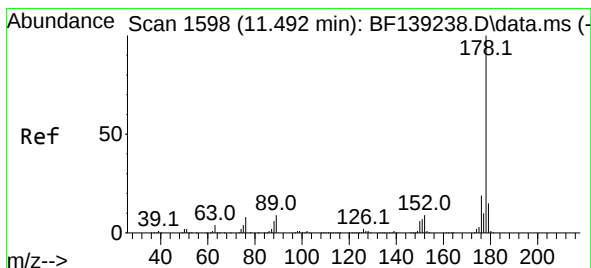
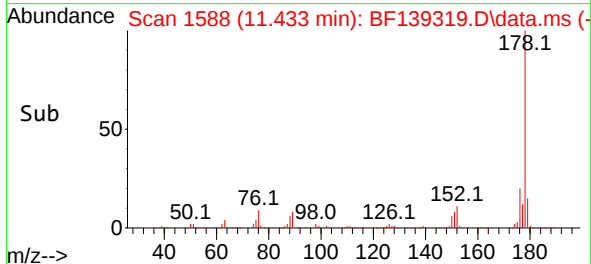
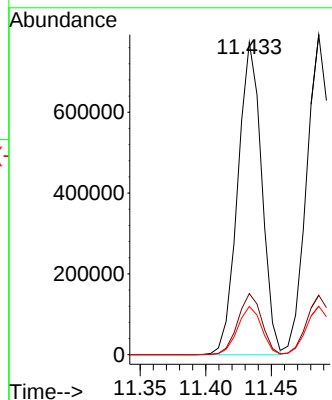
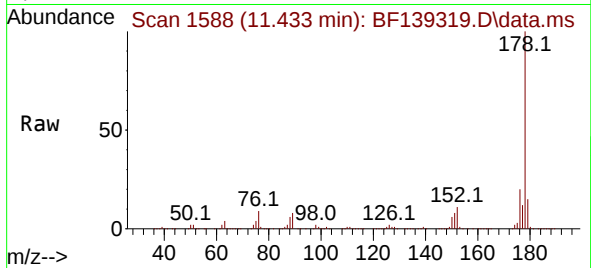




#71  
Phenanthrene  
Concen: 46.509 ng  
RT: 11.433 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

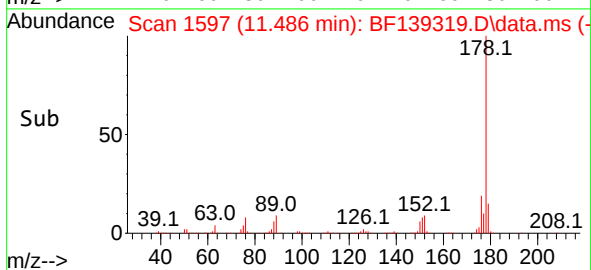
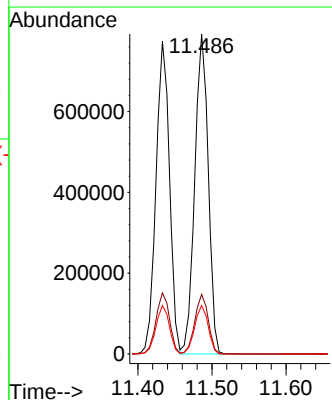
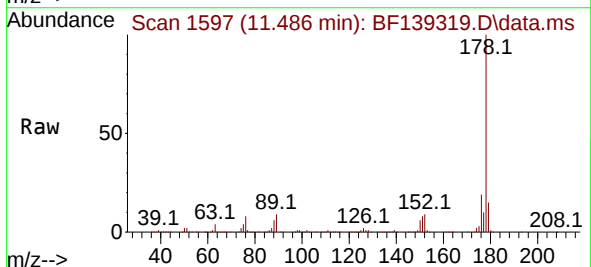
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

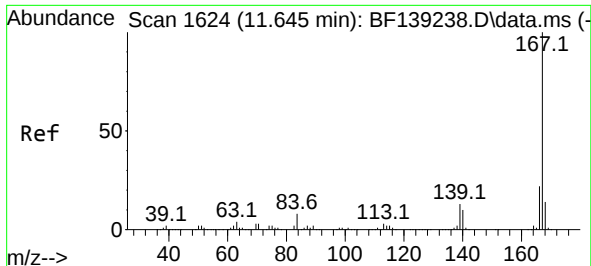
Tgt Ion:178 Resp: 980679  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.5 12.3 18.5



#72  
Anthracene  
Concen: 48.566 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

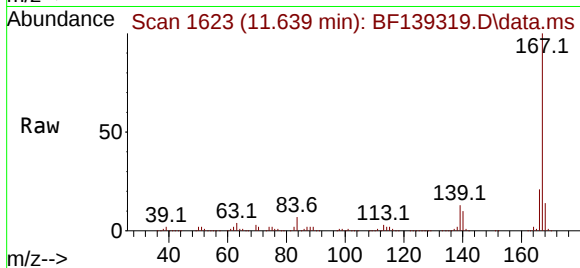
Tgt Ion:178 Resp: 1000351  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.1 12.3 18.5



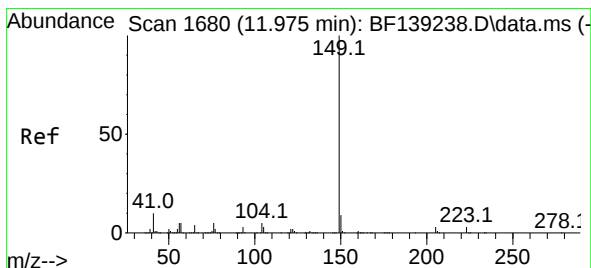
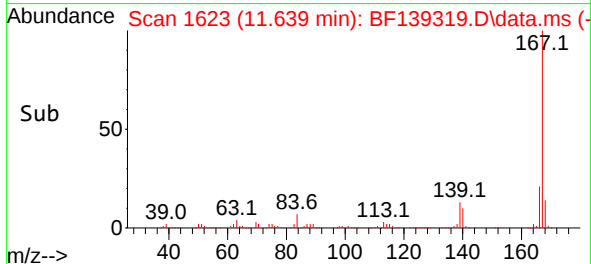
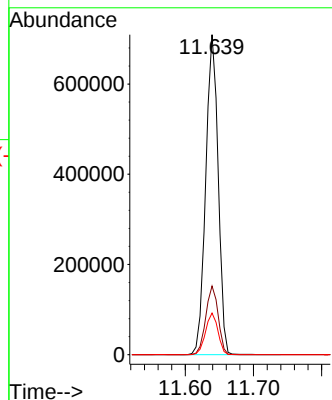


#73  
Carbazole  
Concen: 46.749 ng  
RT: 11.639 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

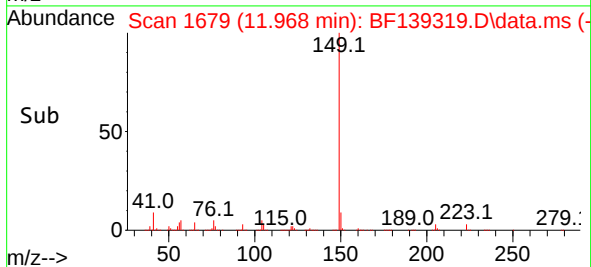
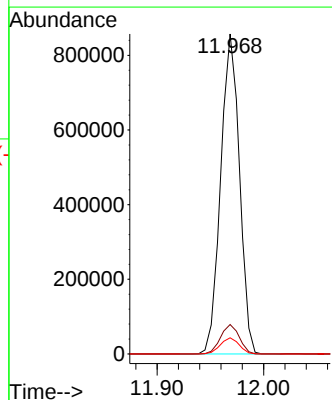
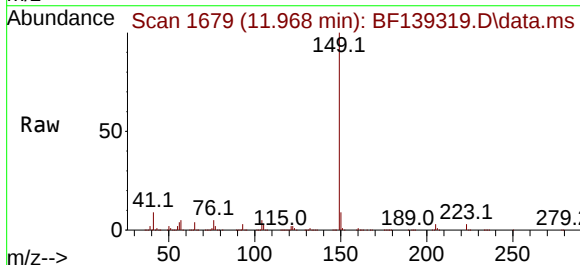


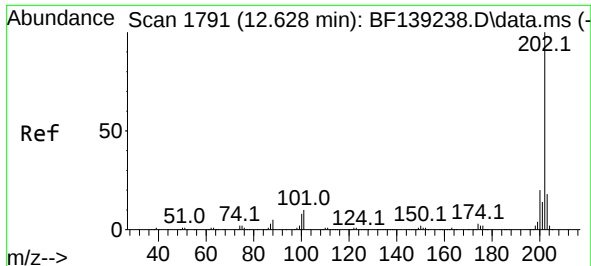
Tgt Ion:167 Resp: 899982  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.2 25.8  
139 13.0 10.2 15.4



#74  
Di-n-butylphthalate  
Concen: 53.110 ng  
RT: 11.968 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:149 Resp: 1046874  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 5.0 3.9 5.9

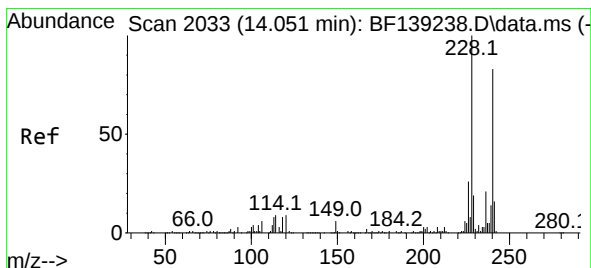
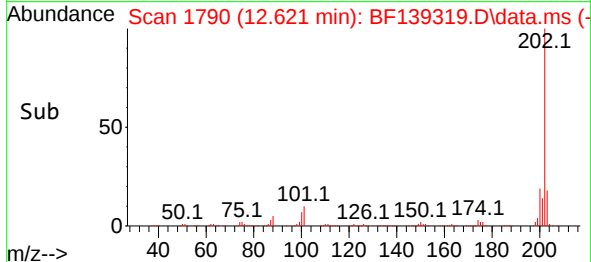
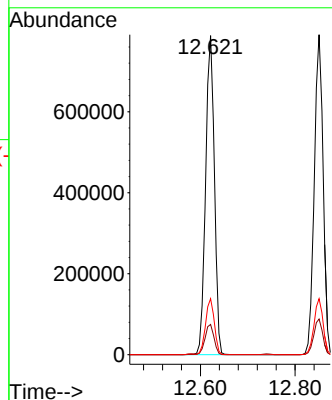
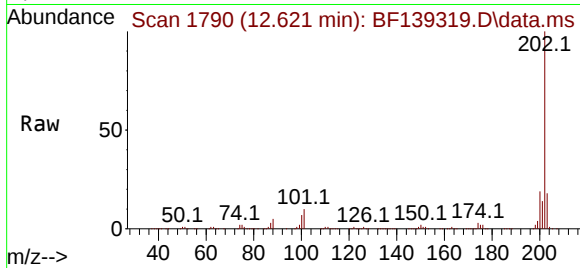




#75  
Fluoranthene  
Concen: 47.790 ng  
RT: 12.621 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

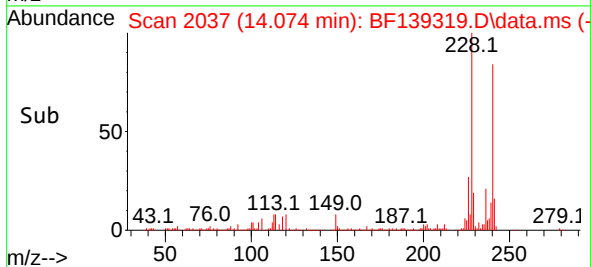
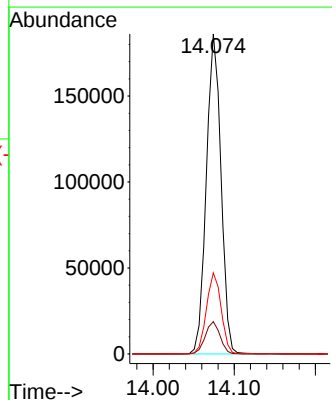
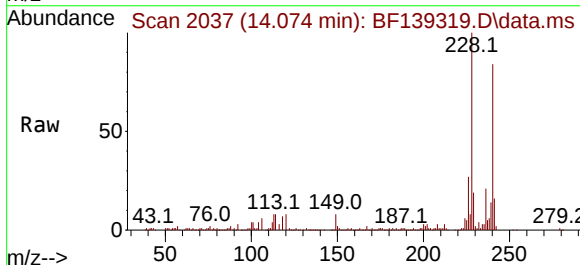
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

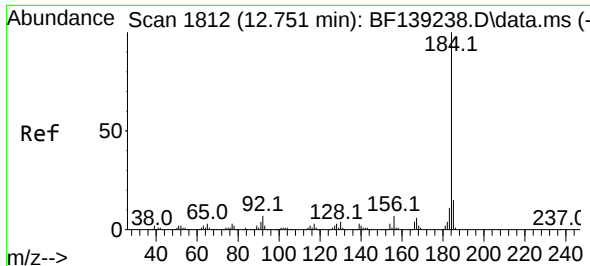
Tgt Ion:202 Resp: 1010235  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 29.9  
203 17.5 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2037  
Delta R.T. 0.023 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:240 Resp: 232651  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.6 12.8  
236 25.4 20.7 31.1

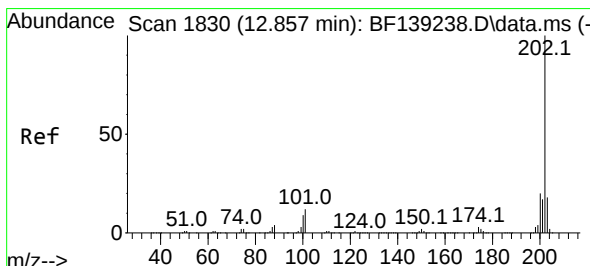
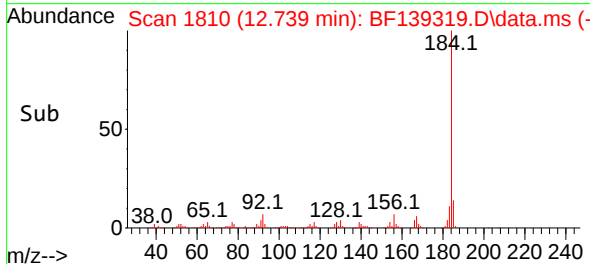
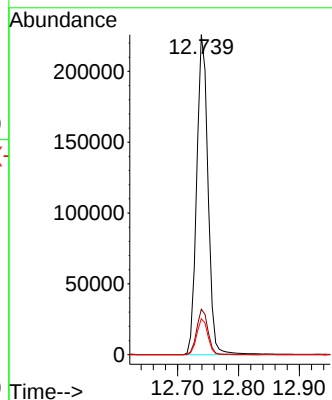
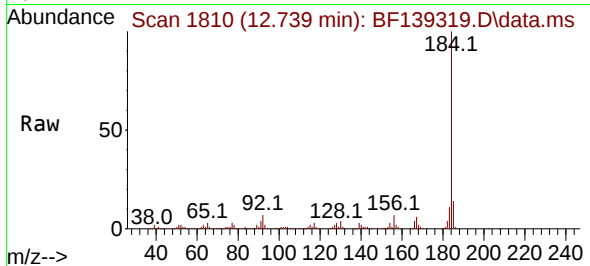




#77  
Benzidine  
Concen: 62.198 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. -0.012 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

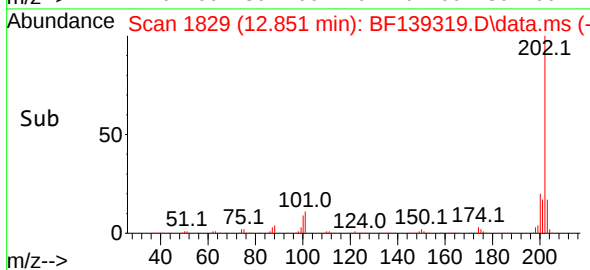
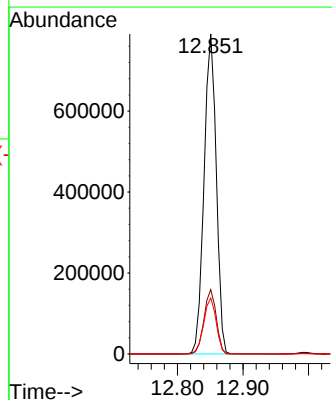
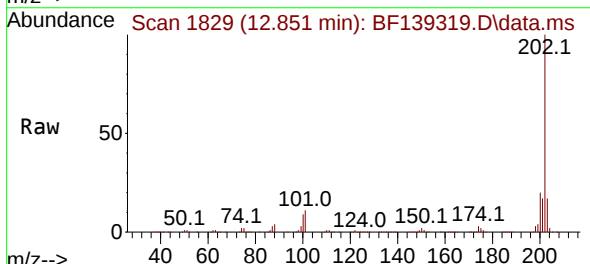
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

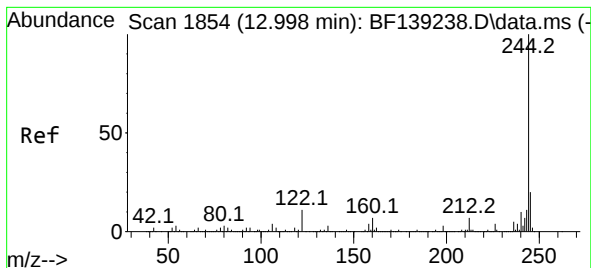
Tgt Ion:184 Resp: 291368  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.9 17.9  
183 11.2 8.8 13.2



#78  
Pyrene  
Concen: 45.692 ng  
RT: 12.851 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:202 Resp: 1026889  
Ion Ratio Lower Upper  
202 100  
200 20.1 15.8 23.8  
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 99.629 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

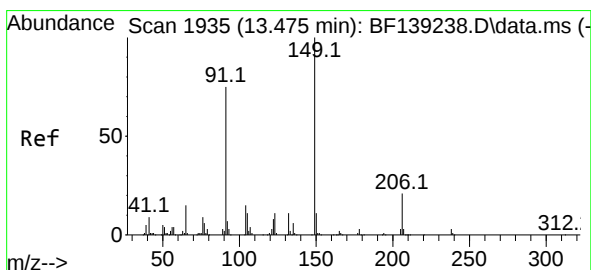
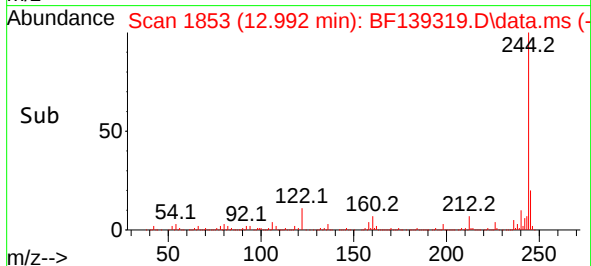
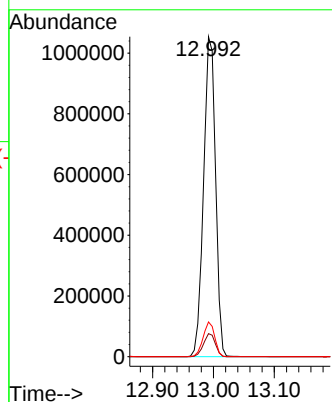
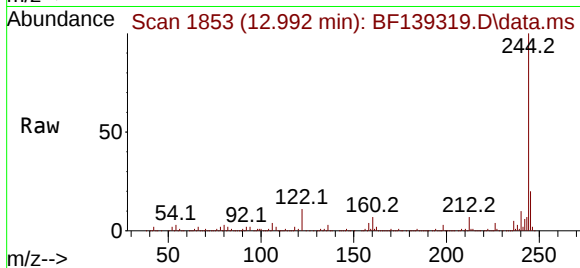
Tgt Ion:244 Resp: 1435596

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 64.003 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

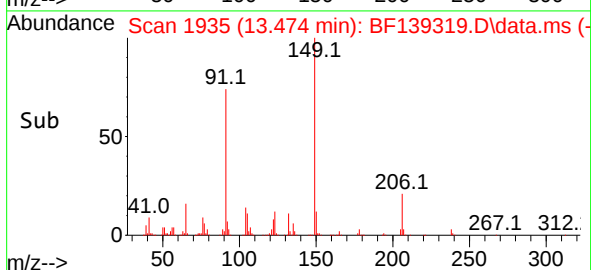
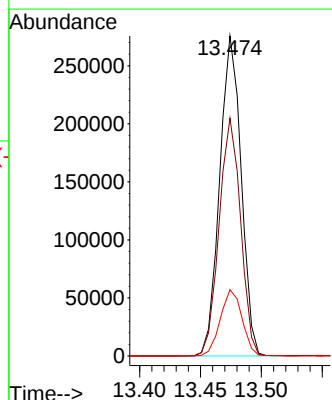
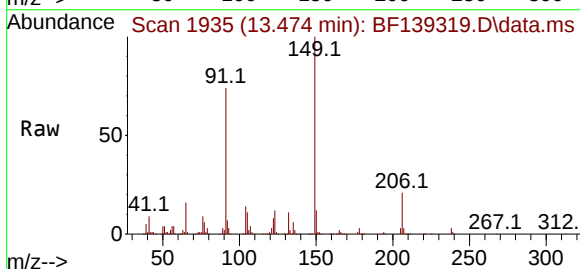
Tgt Ion:149 Resp: 338621

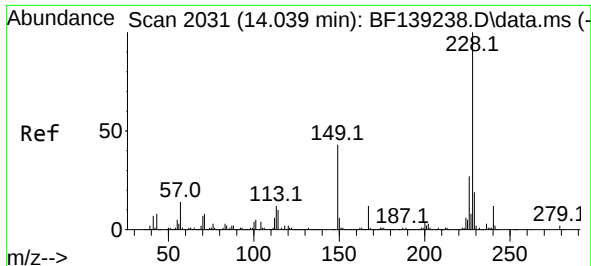
Ion Ratio Lower Upper

149 100

91 74.3 60.3 90.5

206 20.7 16.7 25.1

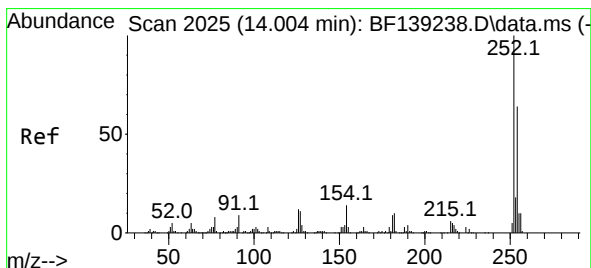
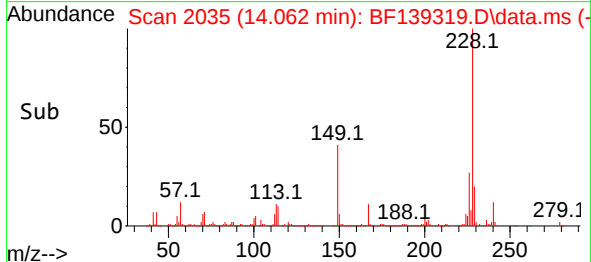
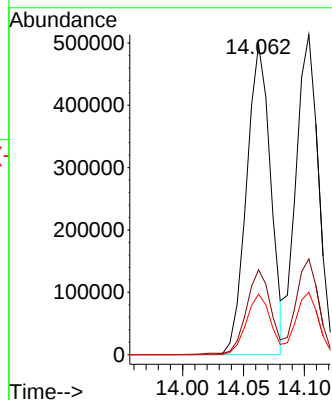
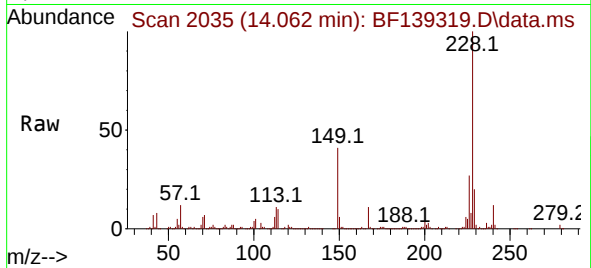




#81  
Benzo(a)anthracene  
Concen: 46.101 ng  
RT: 14.062 min Scan# 2031  
Delta R.T. 0.023 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

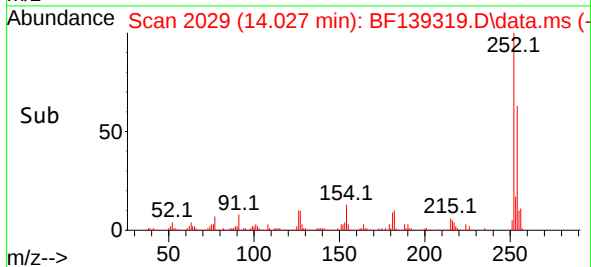
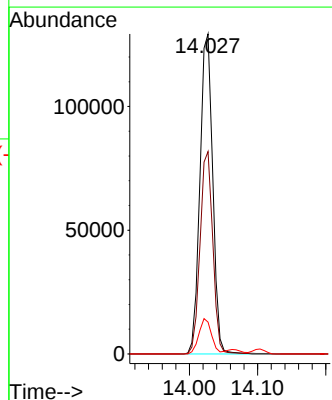
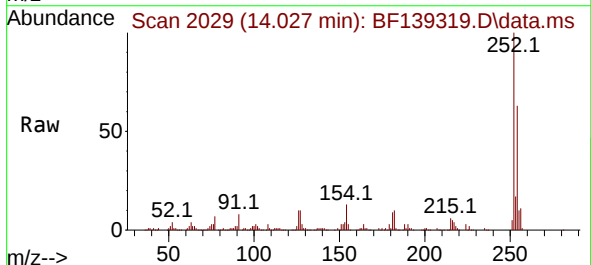
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

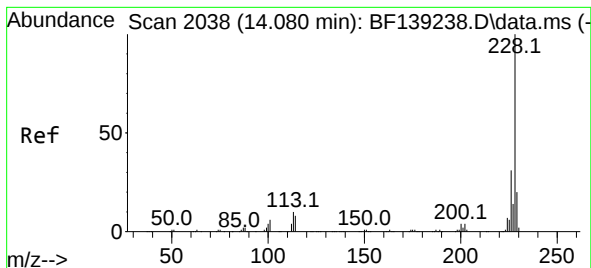
Tgt Ion:228 Resp: 684865  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.5 32.3  
229 19.6 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 42.743 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. 0.023 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:252 Resp: 168632  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.5 77.3  
126 10.0 9.2 13.8





#83

Chrysene

Concen: 47.713 ng

RT: 14.104 min Scan# 2042

Delta R.T. 0.023 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

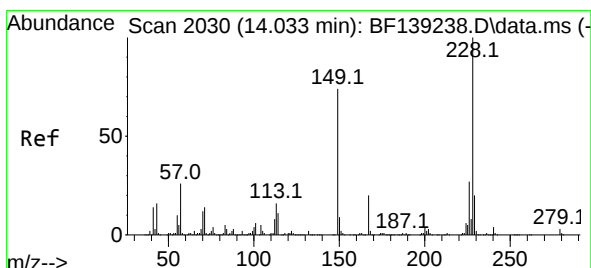
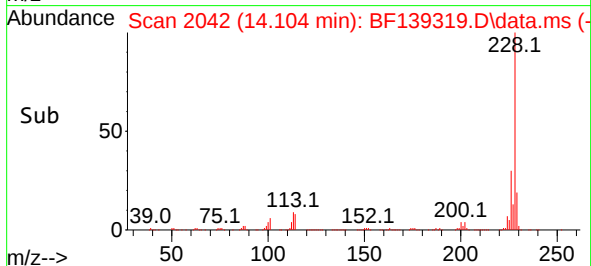
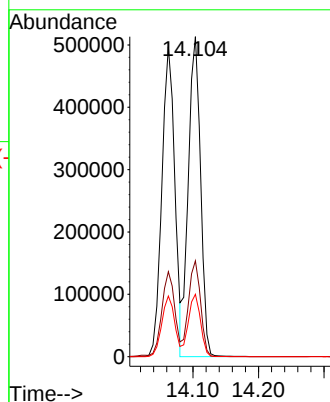
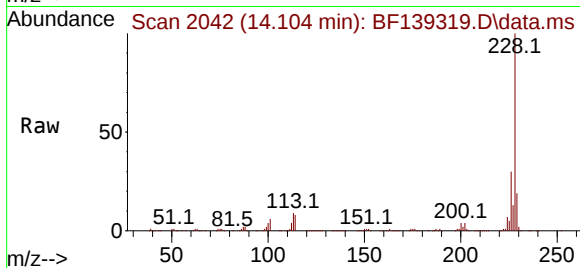
Tgt Ion:228 Resp: 661556

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.936 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.023 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

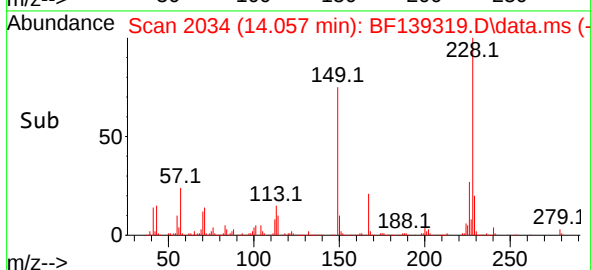
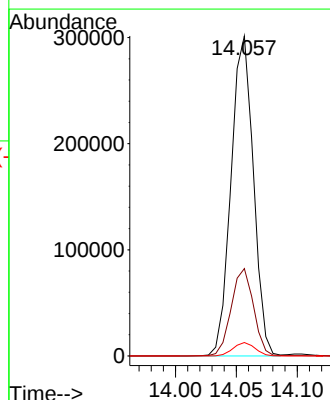
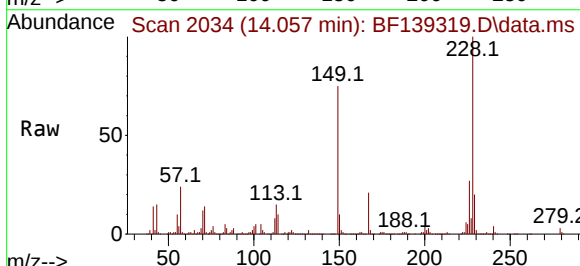
Tgt Ion:149 Resp: 384612

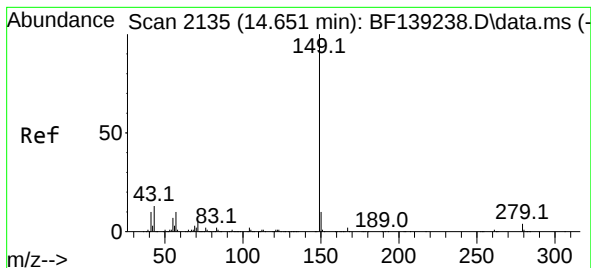
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 49.281 ng

RT: 14.715 min Scan# 2135

Delta R.T. 0.064 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

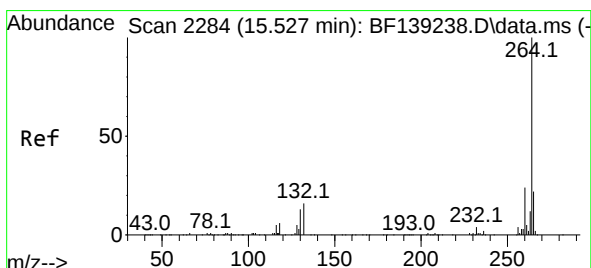
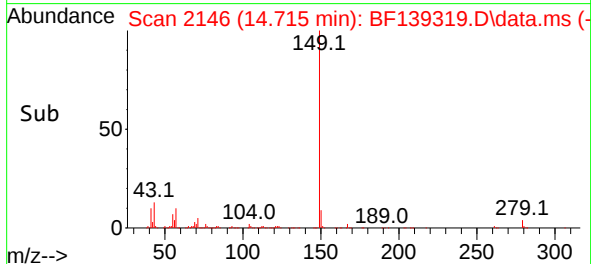
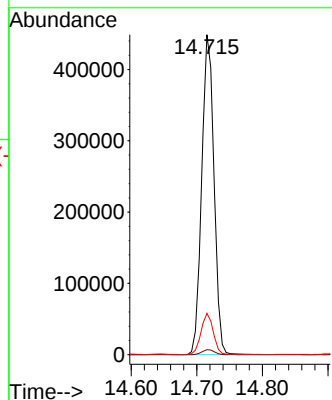
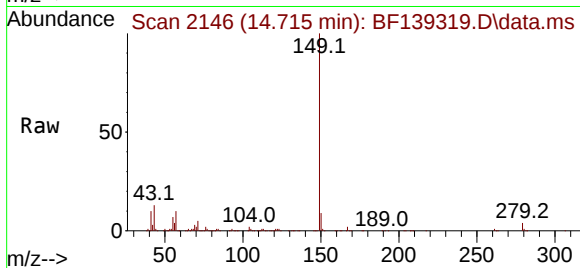
Tgt Ion:149 Resp: 585901

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.7 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2296

Delta R.T. 0.070 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

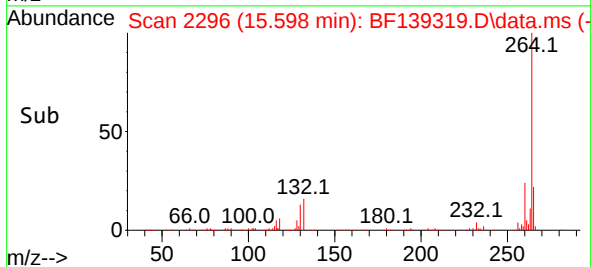
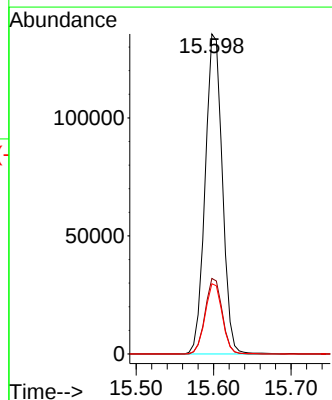
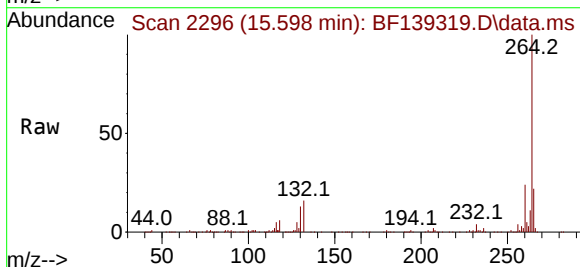
Tgt Ion:264 Resp: 207802

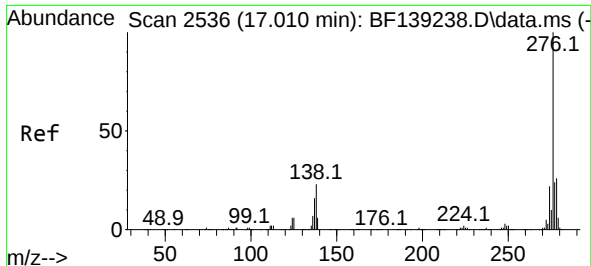
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 17.3 25.9

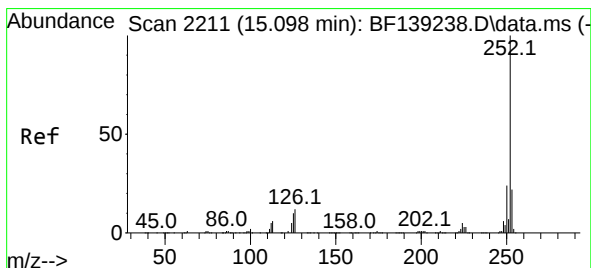
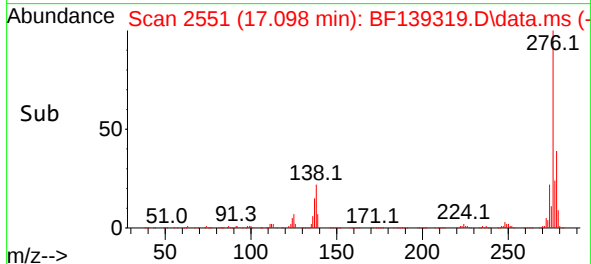
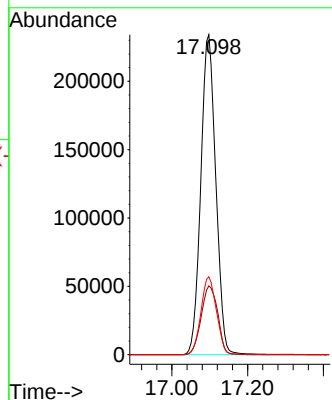
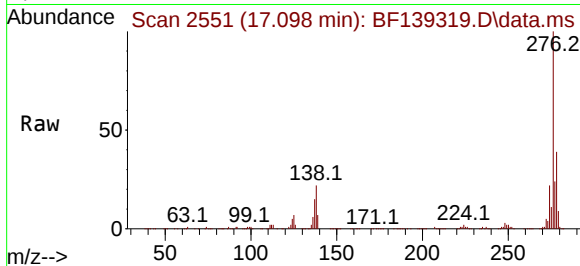




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.489 ng  
RT: 17.098 min Scan# 21  
Delta R.T. 0.088 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

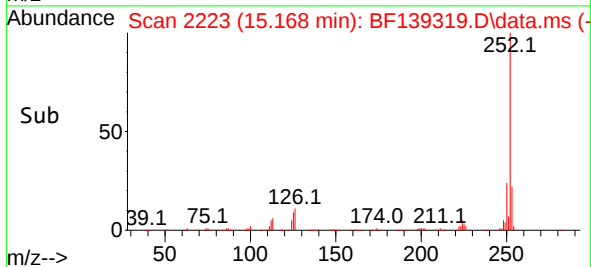
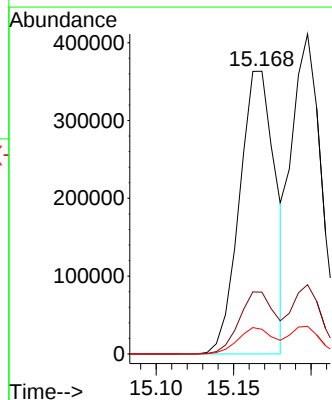
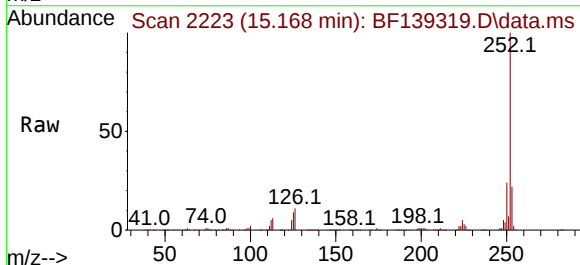
Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

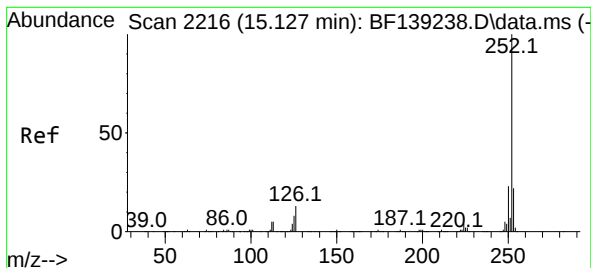
Tgt Ion:276 Resp: 642456  
Ion Ratio Lower Upper  
276 100  
138 23.7 20.4 30.6  
277 25.2 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 48.649 ng  
RT: 15.168 min Scan# 2223  
Delta R.T. 0.070 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:252 Resp: 582197  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 8.7 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 50.917 ng

RT: 15.198 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA\_F

ClientSampleId :

PB163274BS

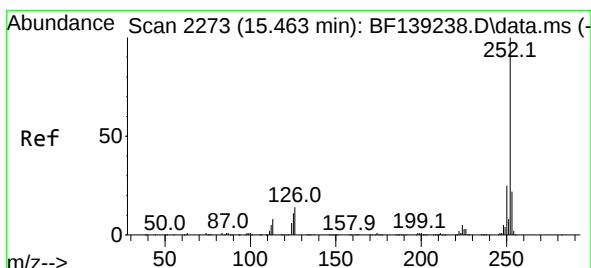
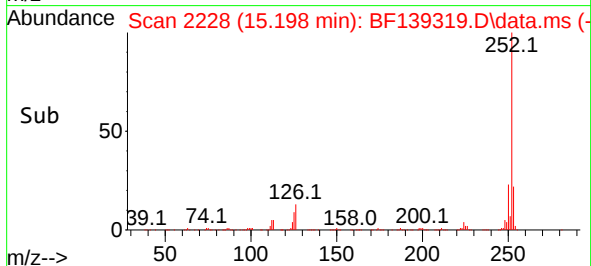
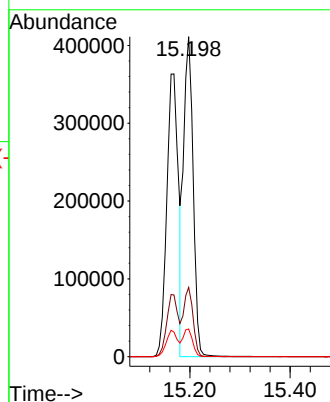
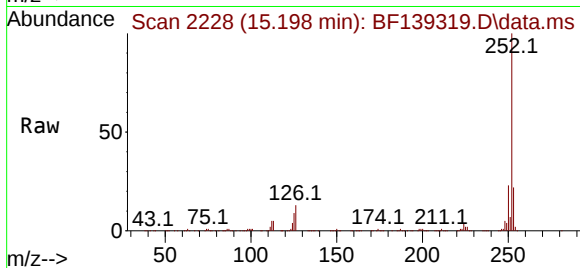
Tgt Ion:252 Resp: 546345

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 52.581 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.076 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

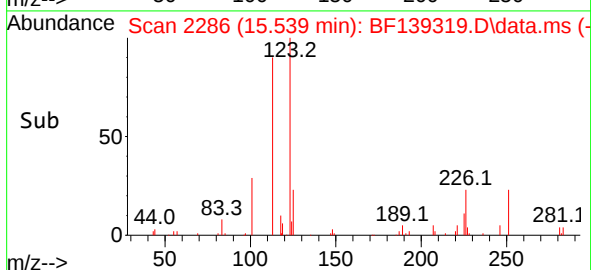
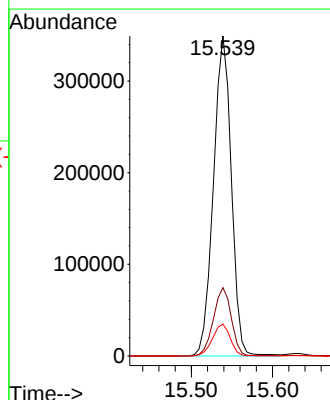
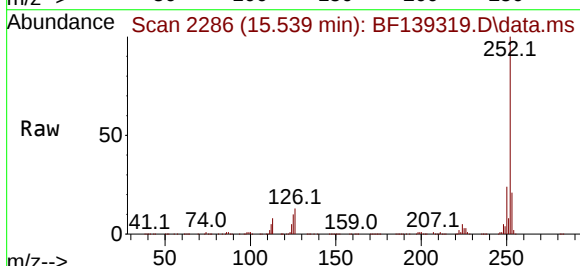
Tgt Ion:252 Resp: 534315

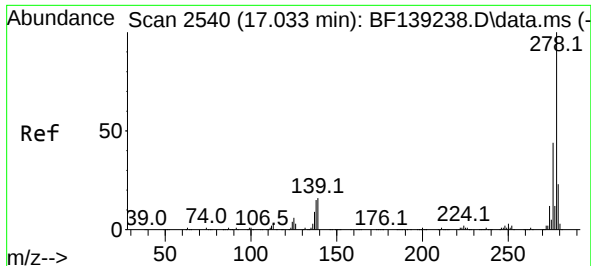
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.0 8.6 13.0

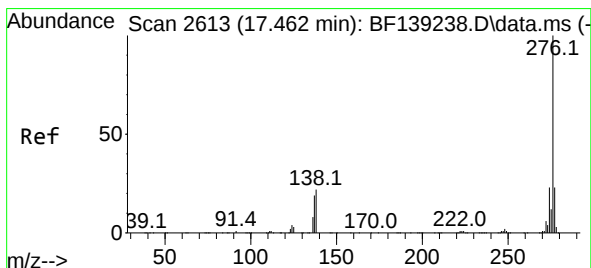
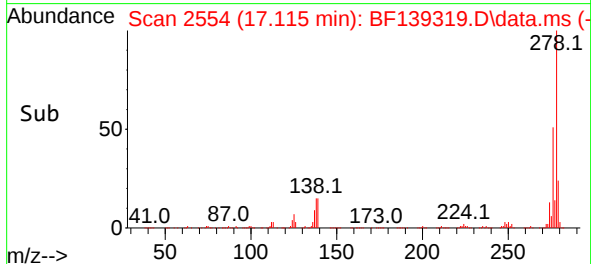
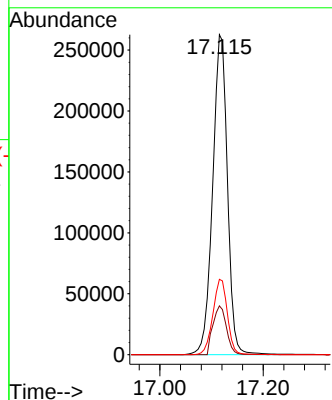
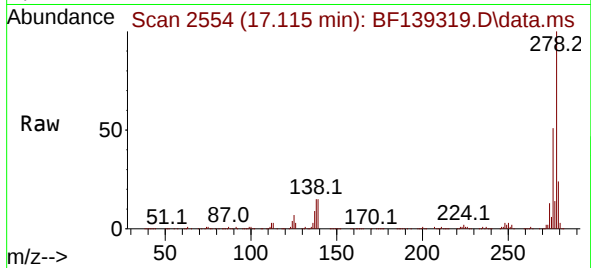




#91  
Dibenzo(a,h)anthracene  
Concen: 48.763 ng  
RT: 17.115 min Scan# 21  
Delta R.T. 0.082 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB163274BS

Tgt Ion:278 Resp: 521679  
Ion Ratio Lower Upper  
278 100  
139 15.3 12.6 19.0  
279 23.6 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 44.371 ng  
RT: 17.545 min Scan# 2627  
Delta R.T. 0.082 min  
Lab File: BF139319.D  
Acq: 11 Sep 2024 12:17

Tgt Ion:276 Resp: 489985  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.6 27.8  
138 20.4 17.4 26.0

