

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122623\  
 Data File : BF136731.D  
 Acq On : 26 Dec 2023 21:34  
 Operator : CG\JU  
 Sample : 05765-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-SB-03-9.5-10.5MSD

Quant Time: Dec 27 03:59:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 65740    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 251649   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 114232   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 170592   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 122742   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.451 | 264  | 118946   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 177559   | 42.142 | ng    | 0.03     |
| 7) Phenol-d6                  | 6.440  | 99   | 374309   | 68.562 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 258765   | 52.618 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 29993    | 22.294 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 430033   | 50.633 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 320021   | 36.436 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.599  | 88   | 66124    | 37.666 | ng    | 97       |
| 3) Pyridine                   | 3.469  | 79   | 14106    | 3.293  | ng    | 88       |
| 6) Aniline                    | 6.457  | 93   | 131640   | 24.117 | ng    | # 56     |
| 8) 2-Chlorophenol             | 6.581  | 128  | 193737   | 42.018 | ng    | 94       |
| 9) Benzaldehyde               | 6.345  | 77   | 65343    | 21.042 | ng    | 95       |
| 10) Phenol                    | 6.451  | 94   | 235432   | 40.397 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.528  | 93   | 179252   | 40.444 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.734  | 146  | 198193   | 39.403 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.804  | 146  | 203815   | 39.657 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.957  | 146  | 193876   | 40.540 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.934  | 79   | 162152   | 44.025 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.063  | 45   | 288176   | 39.769 | ng    | 99       |
| 17) 2-Methylphenol            | 7.051  | 107  | 152952   | 40.043 | ng    | 97       |
| 18) Hexachloroethane          | 7.292  | 117  | 72148    | 38.655 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 133050   | 40.203 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.204  | 107  | 192749   | 40.391 | ng    | # 64     |
| 22) Acetophenone              | 7.192  | 105  | 274566   | 43.530 | ng    | # 92     |
| 24) Nitrobenzene              | 7.369  | 77   | 195152   | 39.614 | ng    | 96       |
| 25) Isophorone                | 7.604  | 82   | 366356   | 40.941 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.681  | 139  | 94803    | 40.222 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 126140   | 43.959 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.816  | 93   | 223780   | 41.141 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.928  | 162  | 154988   | 41.954 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 165929   | 40.313 | ng    | 97       |
| 31) Naphthalene               | 8.087  | 128  | 1090986  | 78.914 | ng    | 100      |
| 32) Benzoic acid              | 7.822  | 122  | 30098    | 10.841 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.134  | 127  | 83593    | 16.377 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.198  | 225  | 97698    | 39.067 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 46186    | 37.898 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.628  | 107  | 163738   | 39.371 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.781  | 142  | 681823   | 76.633 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.875  | 142  | 338130   | 38.736 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 172255   | 48.691 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.928  | 237  | 36474    | 35.254 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 101449   | 44.715 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 105999   | 41.926 | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122623\  
 Data File : BF136731.D  
 Acq On : 26 Dec 2023 21:34  
 Operator : CG\JU  
 Sample : 05765-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

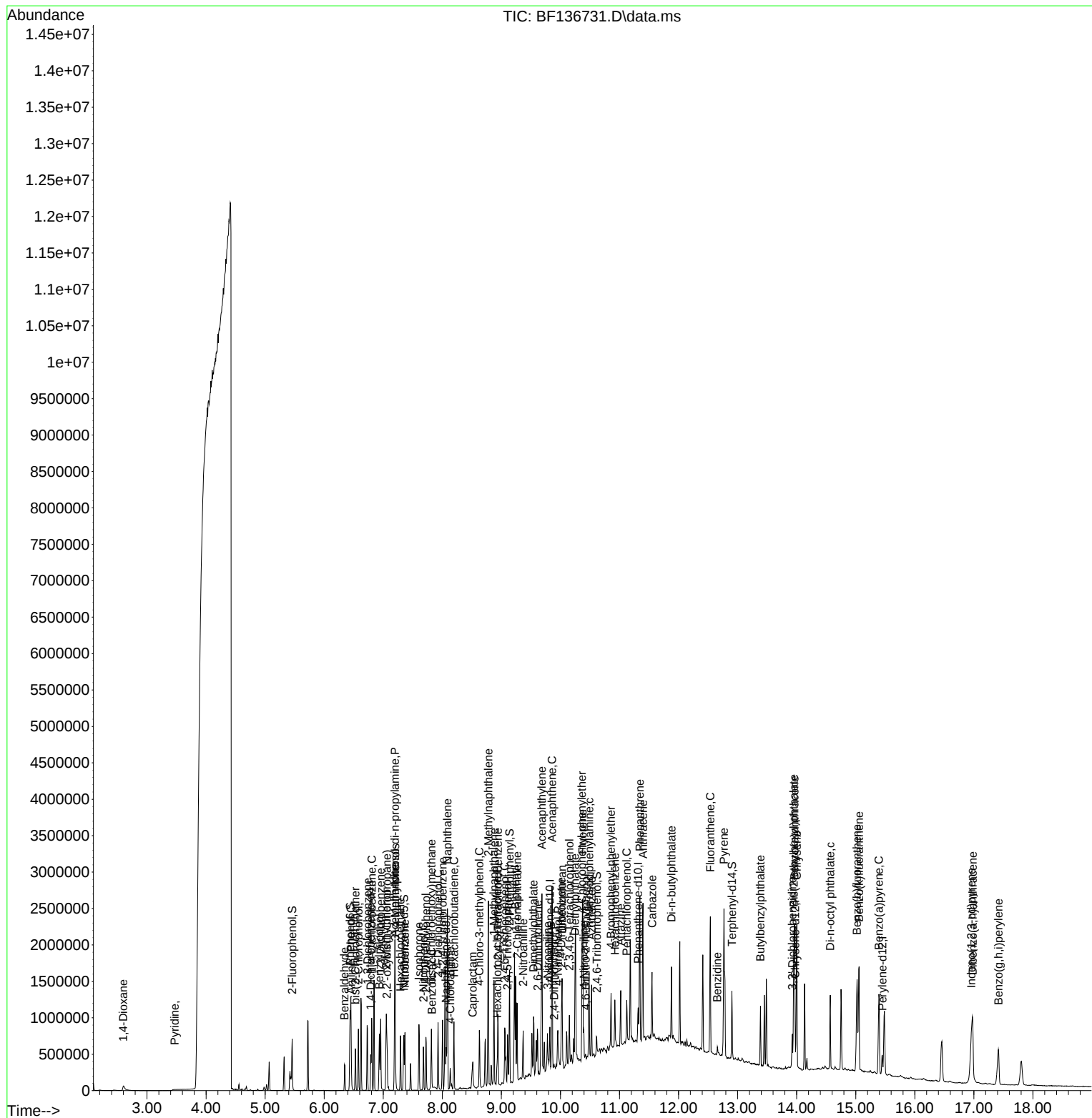
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-SB-03-9.5-10.5MSD

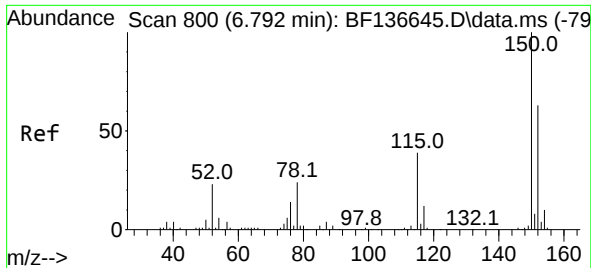
Quant Time: Dec 27 03:59:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 449800   | 46.924  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.269  | 162  | 316097   | 43.377  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.369  | 65   | 101084   | 44.296  | ng    | 94       |
| 49) Acenaphthylene            | 9.686  | 152  | 1007664  | 90.467  | ng    | 99       |
| 50) Dimethylphthalate         | 9.545  | 163  | 374633   | 44.900  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.616  | 165  | 82269    | 43.445  | ng    | 94       |
| 52) Acenaphthene              | 9.857  | 154  | 565164   | 81.854  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.781  | 138  | 75208    | 37.492  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 4870     | 8.159   | ng    | # 83     |
| 55) Dibenzofuran              | 10.028 | 168  | 440472   | 42.085  | ng    | 100      |
| 56) 4-Nitrophenol             | 9.957  | 139  | 93114    | 68.763  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 96397    | 39.213  | ng    | 97       |
| 58) Fluorene                  | 10.375 | 166  | 653341   | 78.672  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.151 | 232  | 70421    | 36.184  | ng    | # 98     |
| 60) Diethylphthalate          | 10.245 | 149  | 352776   | 40.749  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.363 | 204  | 159196   | 39.438  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 71250    | 36.845  | ng    | 91       |
| 63) Azobenzene                | 10.528 | 77   | 318567   | 39.398  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198  | 6202     | 6.344   | ng    | # 59     |
| 66) n-Nitrosodiphenylamine    | 10.486 | 169  | 288468   | 52.055  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.857 | 248  | 88664    | 46.799  | ng    | 97       |
| 68) Hexachlorobenzene         | 10.922 | 284  | 94023    | 44.533  | ng    | 97       |
| 69) Atrazine                  | 11.022 | 200  | 87666    | 61.851  | ng    | 95       |
| 70) Pentachlorophenol         | 11.122 | 266  | 73067    | 74.247  | ng    | 94       |
| 71) Phenanthrene              | 11.345 | 178  | 819711   | 93.647  | ng    | 99       |
| 72) Anthracene                | 11.398 | 178  | 786791   | 88.756  | ng    | 99       |
| 73) Carbazole                 | 11.551 | 167  | 360471   | 43.130  | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 477320   | 46.803  | ng    | 100      |
| 75) Fluoranthene              | 12.539 | 202  | 825184   | 88.133  | ng    | 98       |
| 77) Benzidine                 | 12.657 | 184  | 44417    | 12.273  | ng    | # 93     |
| 78) Pyrene                    | 12.769 | 202  | 841521   | 69.840  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.386 | 149  | 180126   | 41.084  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 800151   | 93.881  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 94788    | 39.161  | ng    | 97       |
| 83) Chrysene                  | 14.004 | 228  | 748991   | 89.864  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.951 | 149  | 253484   | 45.952  | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.568 | 149  | 476569   | 55.851  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.957 | 276  | 564516   | 65.733  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.021 | 252  | 818492   | 103.026 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 627442   | 83.583  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 615807   | 91.829  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.980 | 278  | 462284   | 65.613  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 425977   | 59.030  | ng    | 99       |

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

Quant Time: Dec 27 03:59:04 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

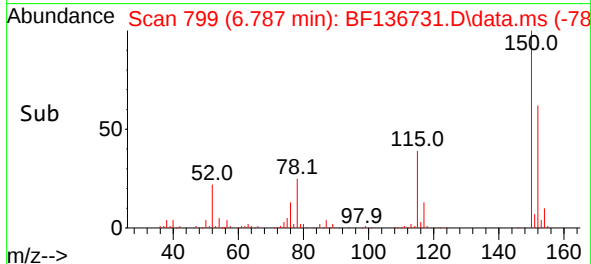
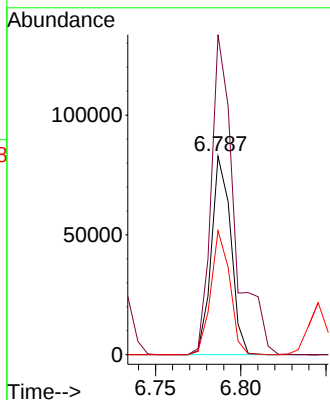
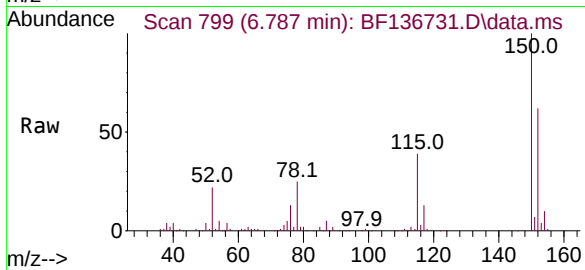




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

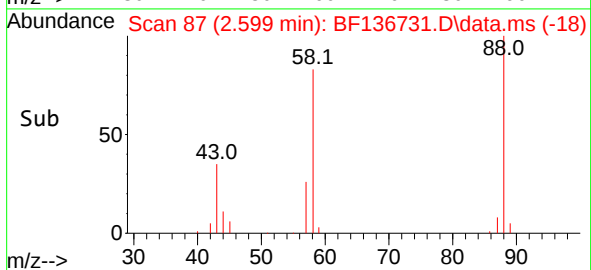
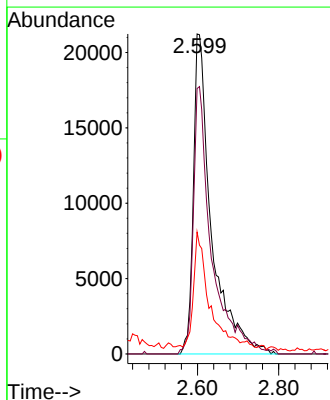
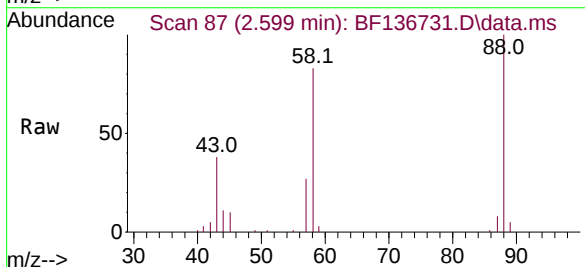
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

Tgt Ion:152 Resp: 65740  
Ion Ratio Lower Upper  
152 100  
150 161.2 127.0 190.6  
115 62.5 49.0 73.4



#2  
1,4-Dioxane  
Concen: 37.666 ng  
RT: 2.599 min Scan# 87  
Delta R.T. 0.053 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 88 Resp: 66124  
Ion Ratio Lower Upper  
88 100  
58 83.2 67.4 101.0  
43 29.9 27.7 41.5

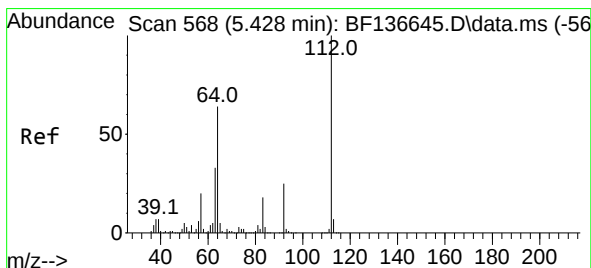
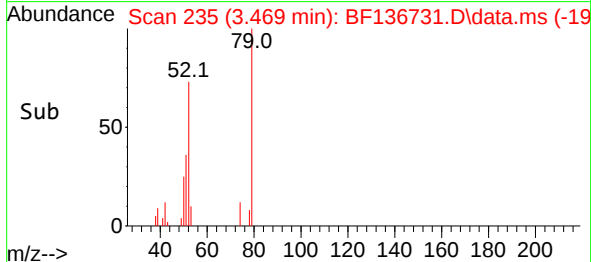
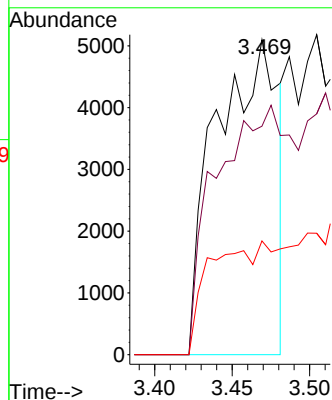
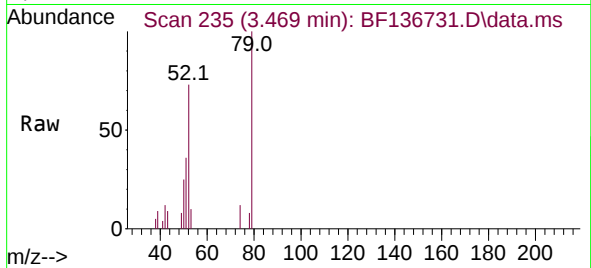




#3  
Pyridine  
Concen: 3.293 ng  
RT: 3.469 min Scan# 21  
Delta R.T. 0.165 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

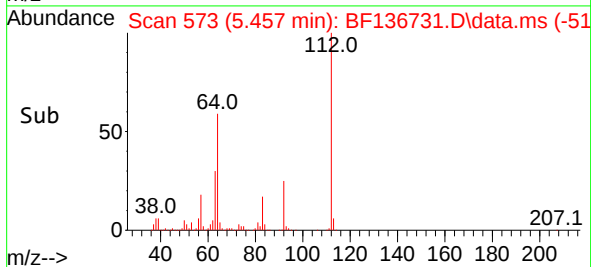
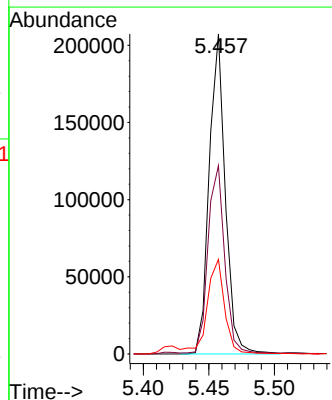
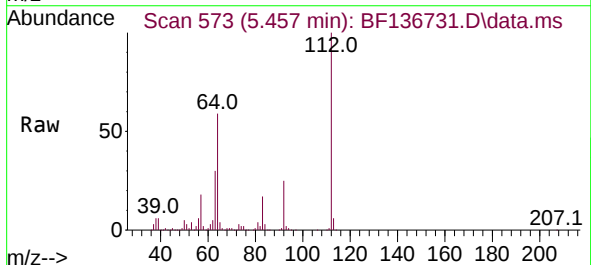
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

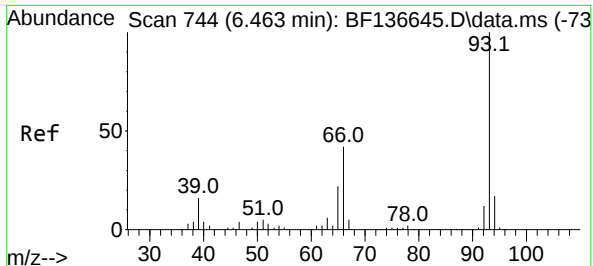
Tgt Ion: 79 Resp: 14106  
Ion Ratio Lower Upper  
79 100  
52 72.6 67.7 101.5  
51 36.1 34.0 51.0



#5  
2-Fluorophenol  
Concen: 42.142 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.030 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 112 Resp: 177559  
Ion Ratio Lower Upper  
112 100  
64 58.8 51.1 76.7  
63 29.5 26.1 39.1





#6

Aniline

Concen: 24.117 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

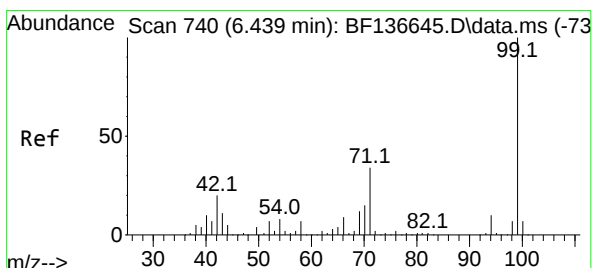
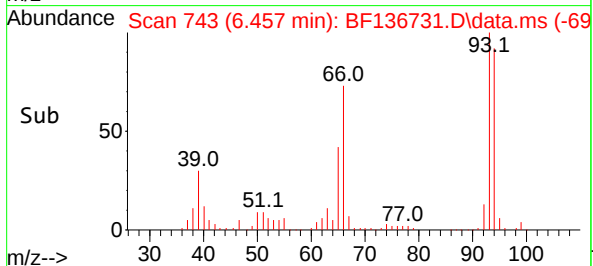
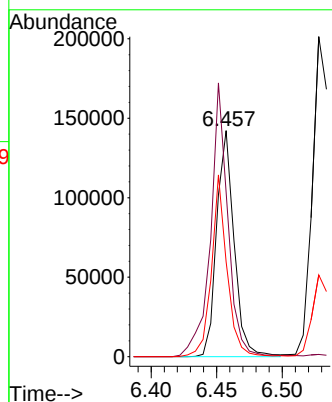
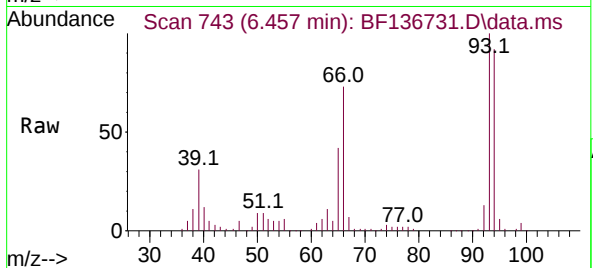
Tgt Ion: 93 Resp: 131640

Ion Ratio Lower Upper

93 100

66 72.8 34.6 51.8#

65 41.9 17.8 26.8#



#7

Phenol-d6

Concen: 68.562 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

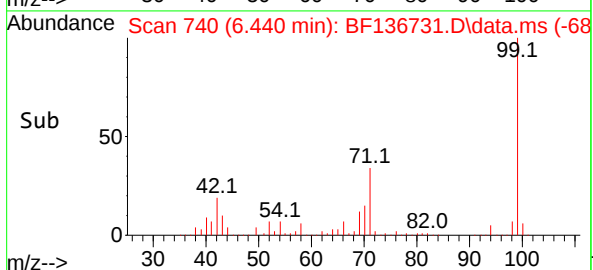
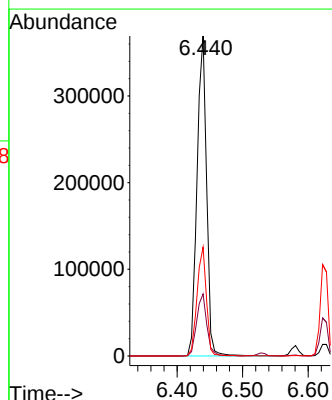
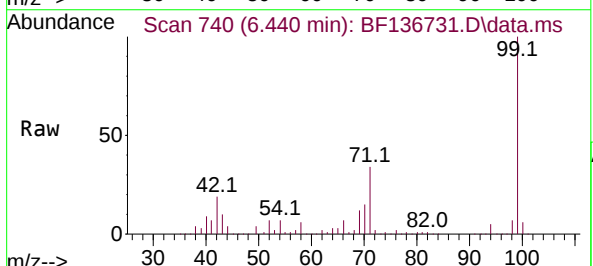
Tgt Ion: 99 Resp: 374309

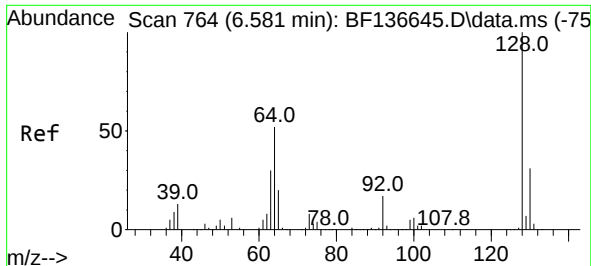
Ion Ratio Lower Upper

99 100

42 19.4 16.1 24.1

71 34.0 27.4 41.2

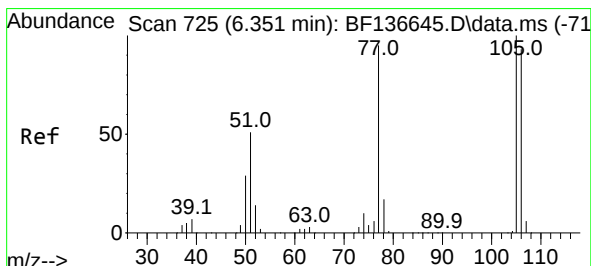
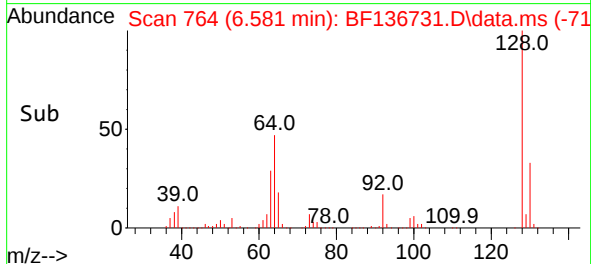
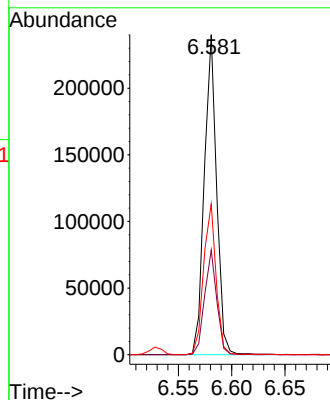
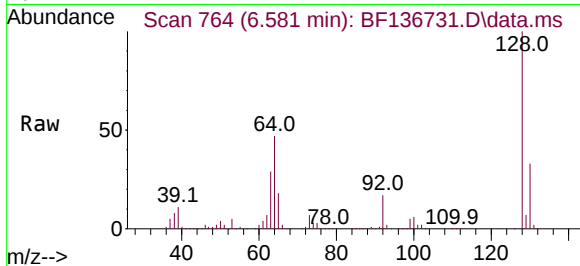




#8  
2-Chlorophenol  
Concen: 42.018 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

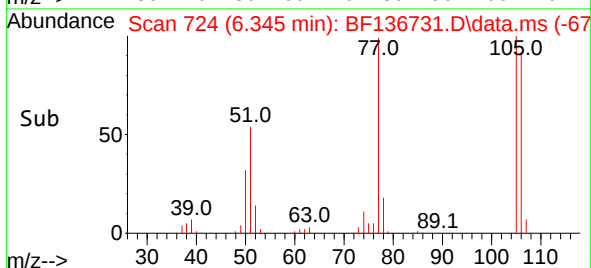
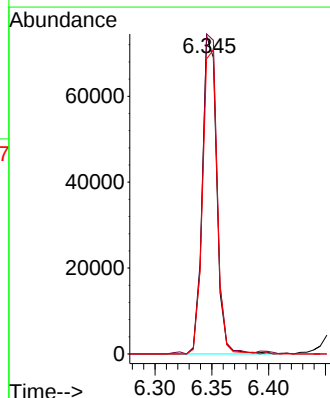
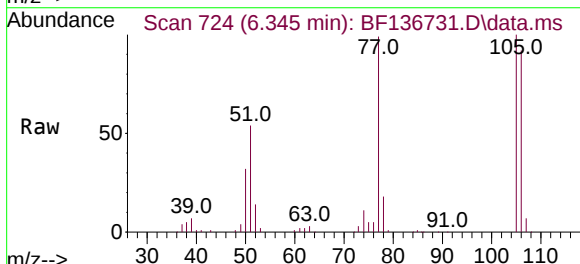
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

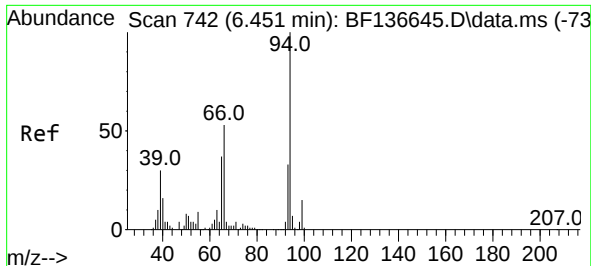
Tgt Ion:128 Resp: 193737  
Ion Ratio Lower Upper  
128 100  
130 32.7 11.3 51.3  
64 47.1 32.5 72.5



#9  
Benzaldehyde  
Concen: 21.042 ng  
RT: 6.345 min Scan# 724  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 77 Resp: 65343  
Ion Ratio Lower Upper  
77 100  
105 100.6 84.8 124.8  
106 92.8 77.8 117.8





#10

Phenol

Concen: 40.397 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136731.D

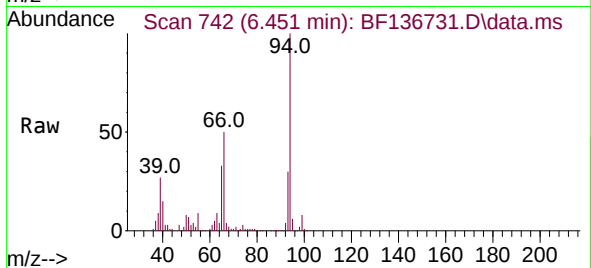
Acq: 26 Dec 2023 21:34

Instrument :

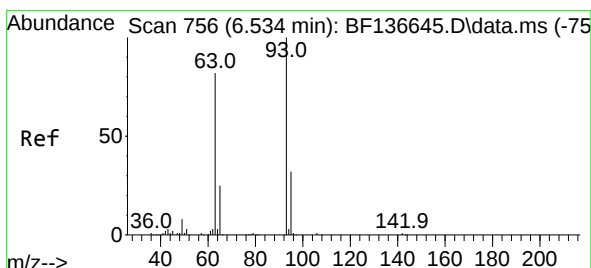
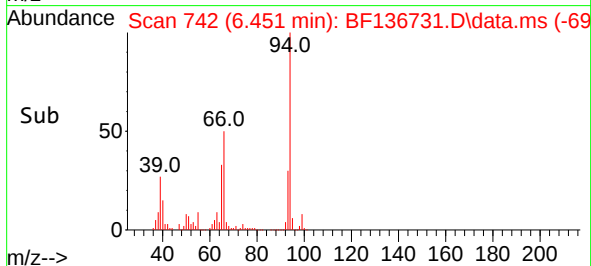
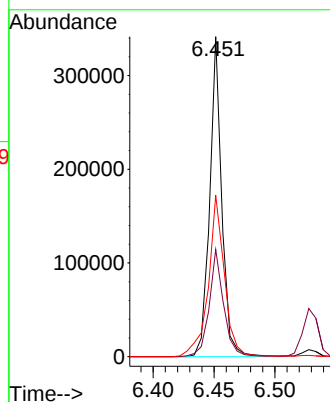
BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 235432 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.5  | 16.6  | 56.6   |
| 66        | 50.4  | 32.6  | 72.6   |



#11

bis(2-Chloroethyl)ether

Concen: 40.444 ng

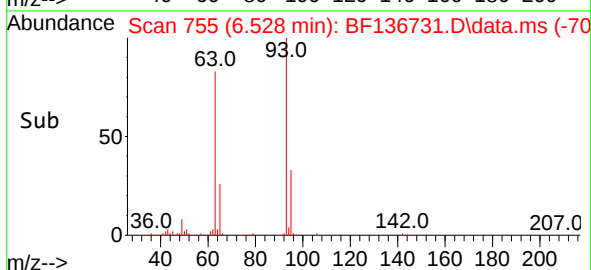
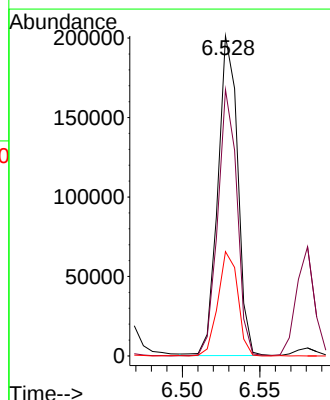
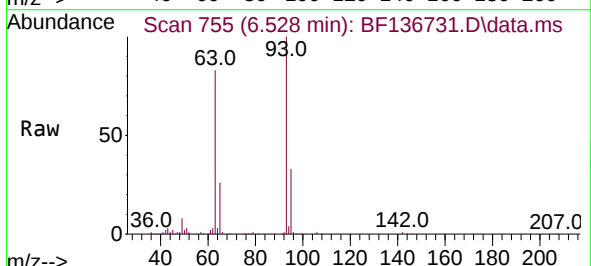
RT: 6.528 min Scan# 755

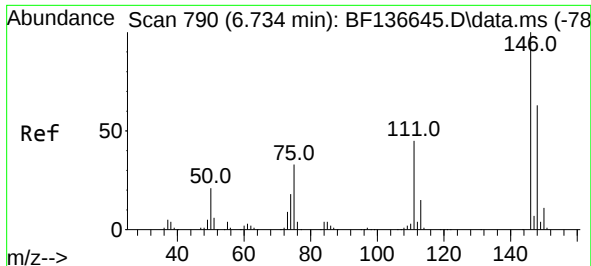
Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 179252 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 83.2  | 61.2  | 101.2  |
| 95        | 32.6  | 11.6  | 51.6   |





#12

1,3-Dichlorobenzene

Concen: 39.403 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

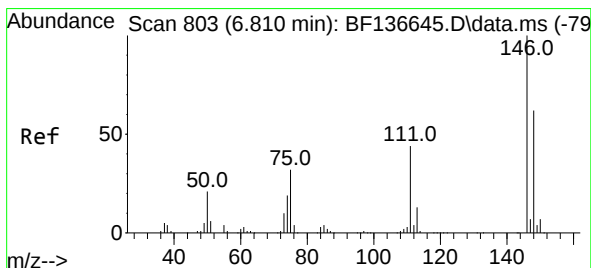
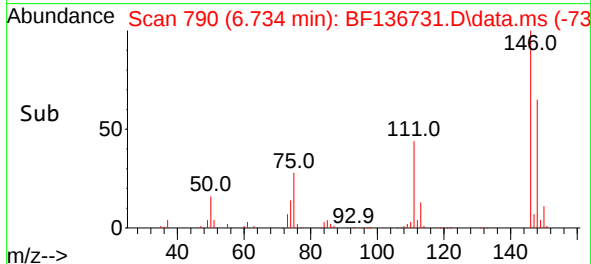
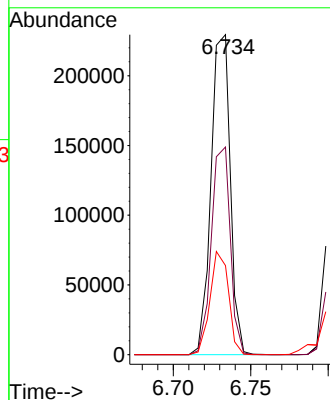
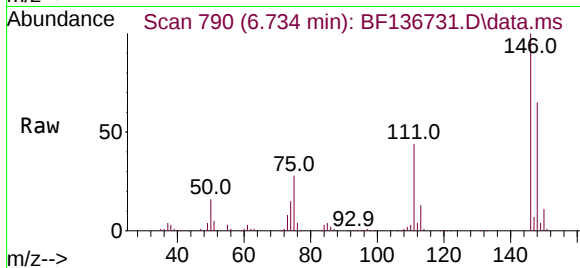
Tgt Ion:146 Resp: 198193

Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

75 27.8 26.2 39.4



#13

1,4-Dichlorobenzene

Concen: 39.657 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

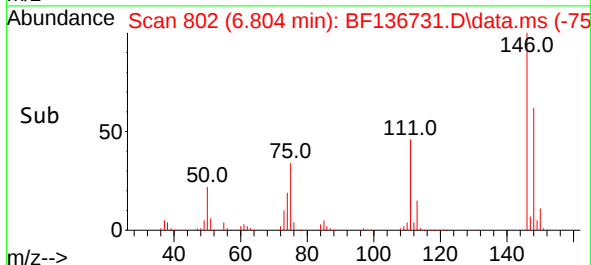
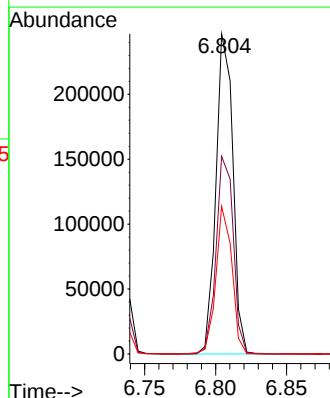
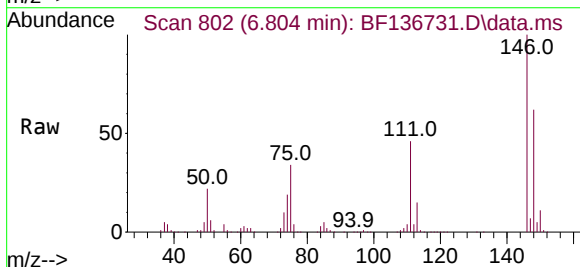
Tgt Ion:146 Resp: 203815

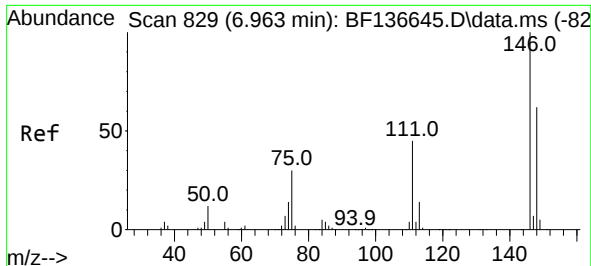
Ion Ratio Lower Upper

146 100

148 61.8 49.2 73.8

111 46.1 35.2 52.8

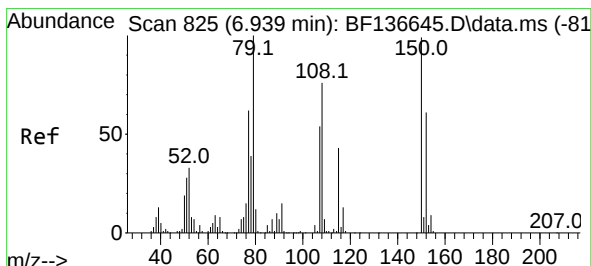
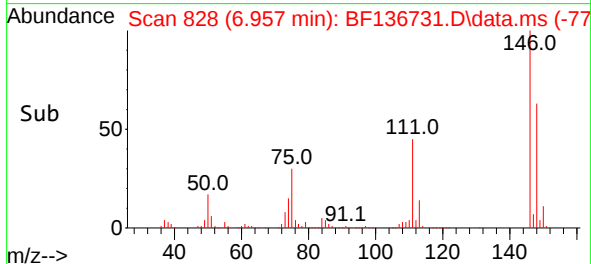
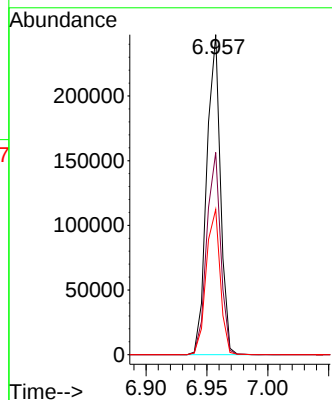
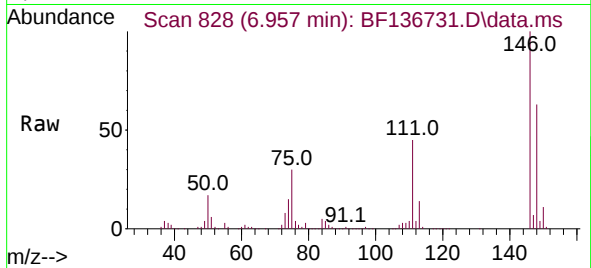




#14  
1,2-Dichlorobenzene  
Concen: 40.540 ng  
RT: 6.957 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

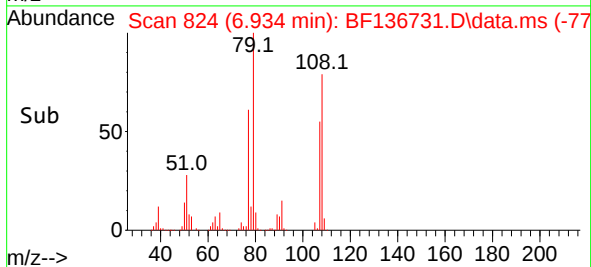
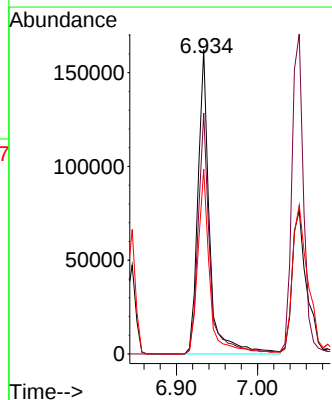
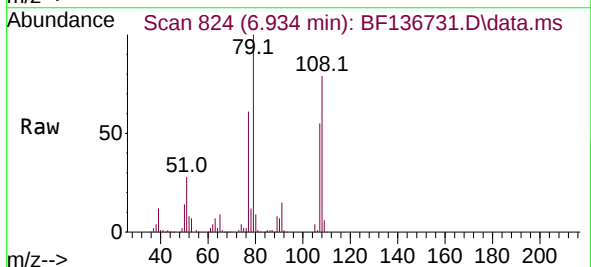
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

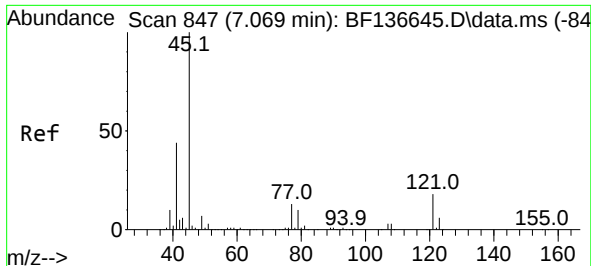
Tgt Ion:146 Resp: 193876  
Ion Ratio Lower Upper  
146 100  
148 63.2 49.6 74.4  
111 45.4 36.2 54.2



#15  
Benzyl Alcohol  
Concen: 44.025 ng  
RT: 6.934 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 79 Resp: 162152  
Ion Ratio Lower Upper  
79 100  
108 79.2 61.0 91.6  
77 60.6 49.8 74.8

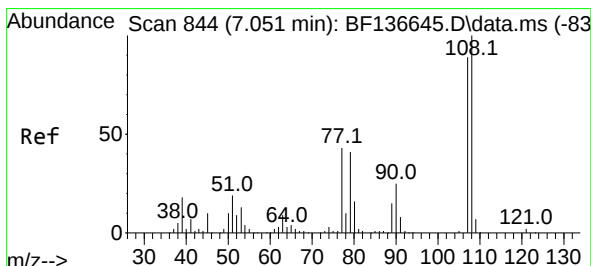
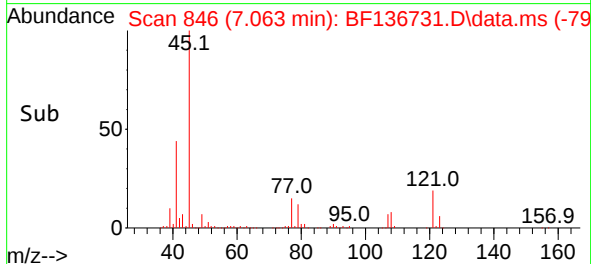
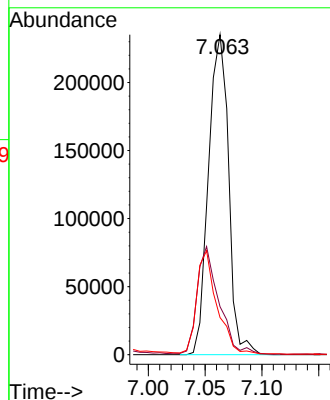
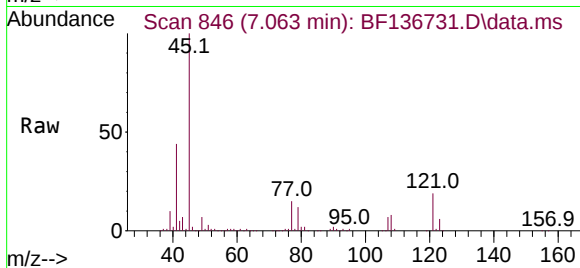




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.769 ng  
RT: 7.063 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

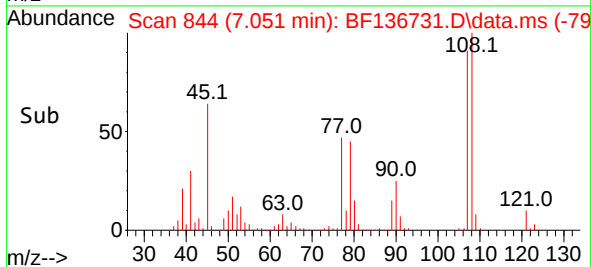
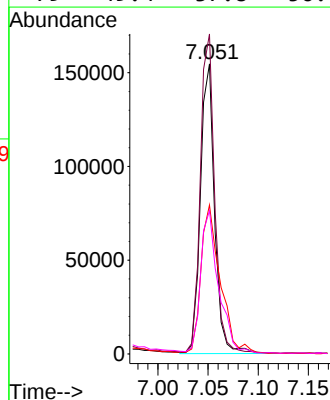
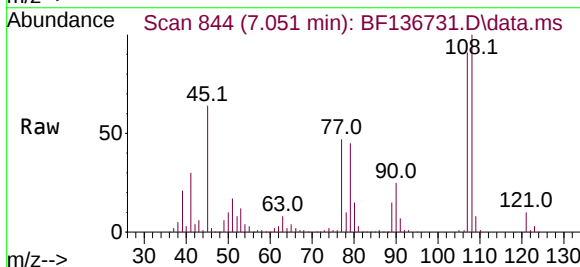
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

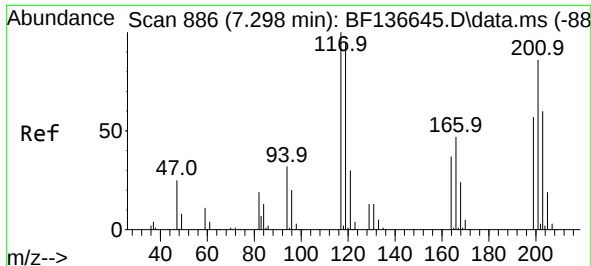
Tgt Ion: 45 Resp: 288176  
Ion Ratio Lower Upper  
45 100  
77 15.0 0.0 34.3  
79 11.6 0.0 31.4



#17  
2-Methylphenol  
Concen: 40.043 ng  
RT: 7.051 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 107 Resp: 152952  
Ion Ratio Lower Upper  
107 100  
108 110.3 90.3 135.5  
77 51.4 38.7 58.1  
79 49.4 37.8 56.6

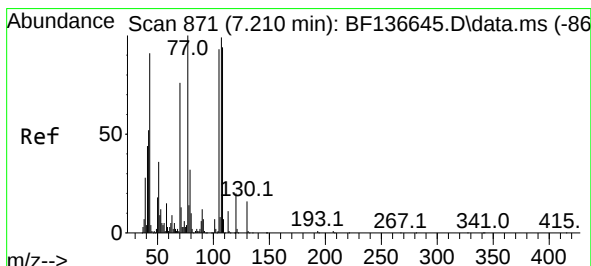
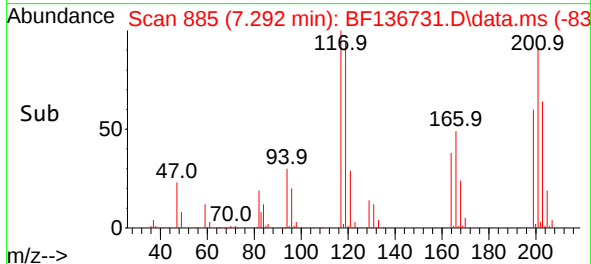
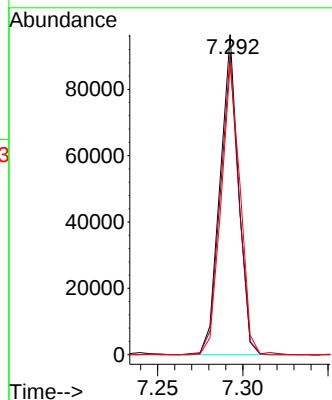
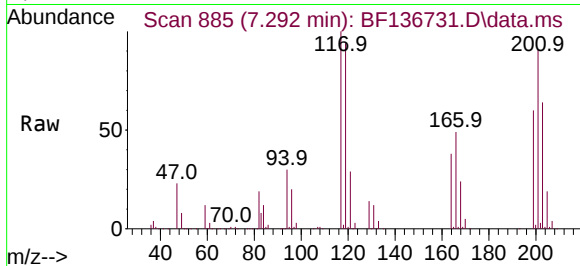




#18  
Hexachloroethane  
Concen: 38.655 ng  
RT: 7.292 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

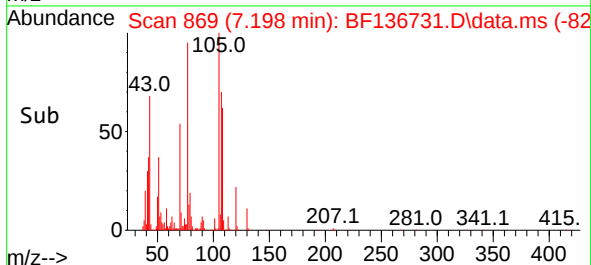
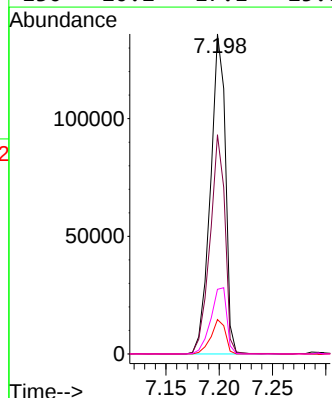
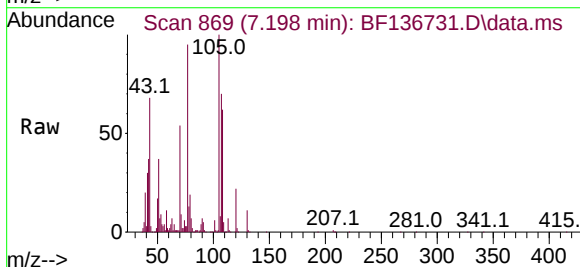
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

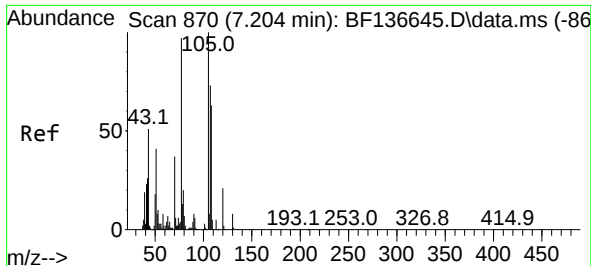
Tgt Ion:117 Resp: 72148  
Ion Ratio Lower Upper  
117 100  
119 93.9 75.8 113.6  
201 90.8 69.1 103.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 40.203 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 70 Resp: 133050  
Ion Ratio Lower Upper  
70 100  
42 68.5 54.2 81.4  
101 10.8 7.6 11.4  
130 20.2 17.1 25.7





#20

3+4-Methylphenols

Concen: 40.391 ng

RT: 7.204 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF136731.D

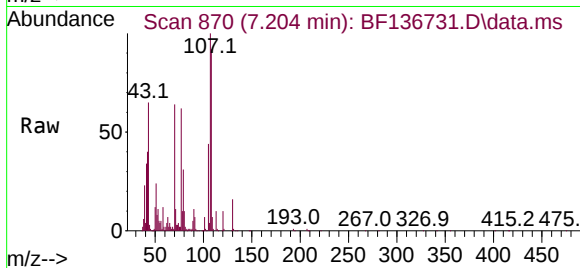
Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD



Tgt Ion:107 Resp: 192749

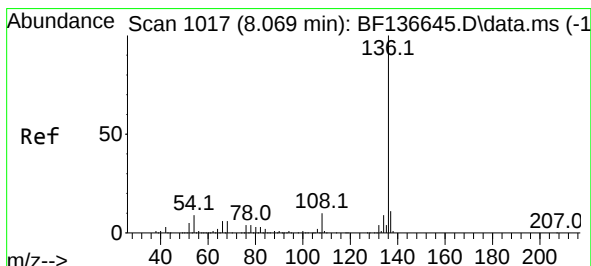
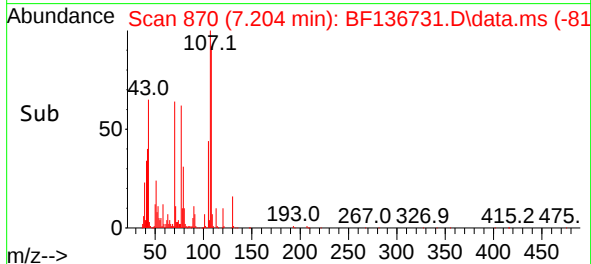
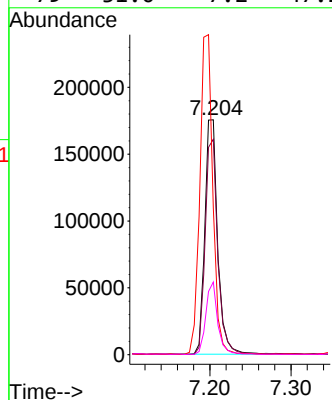
Ion Ratio Lower Upper

107 100

108 91.7 66.0 106.0

77 62.4 114.2 154.2#

79 31.0 7.2 47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Tgt Ion:136 Resp: 251649

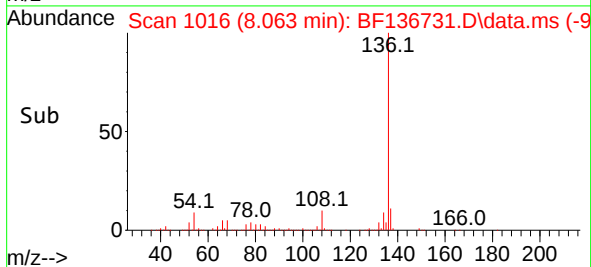
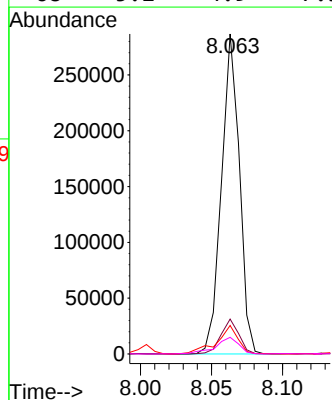
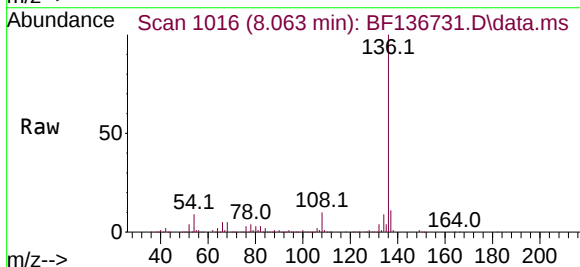
Ion Ratio Lower Upper

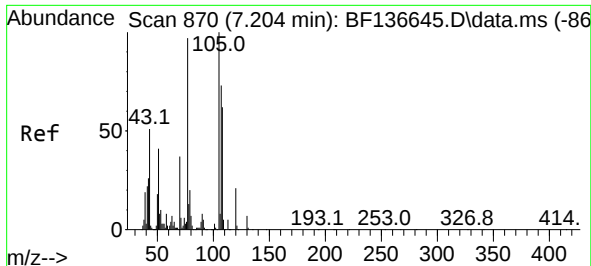
136 100

137 10.9 9.0 13.4

54 8.9 7.2 10.8

68 5.2 4.9 7.3

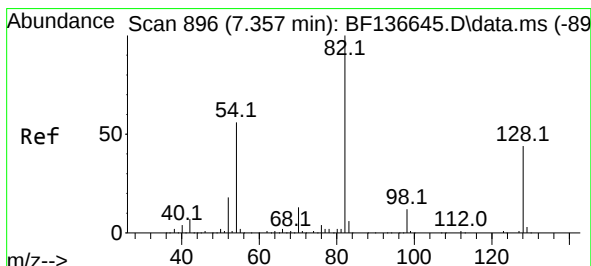
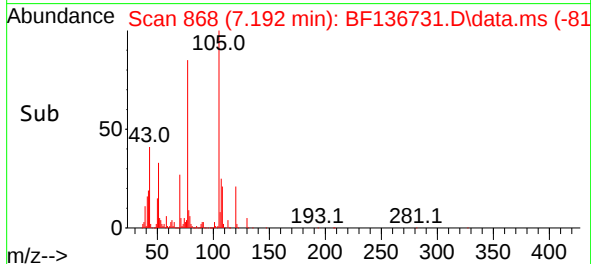
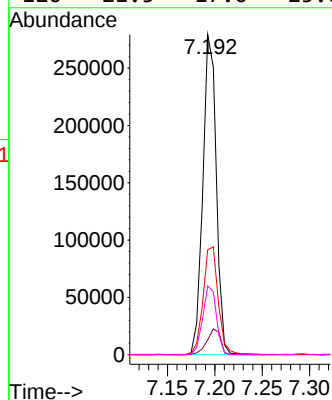
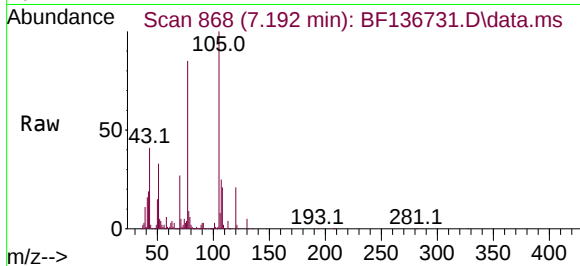




#22  
Acetophenone  
Concen: 43.530 ng  
RT: 7.192 min Scan# 810  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

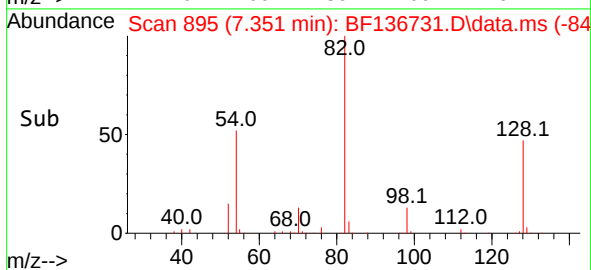
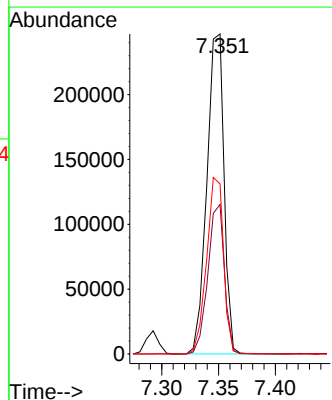
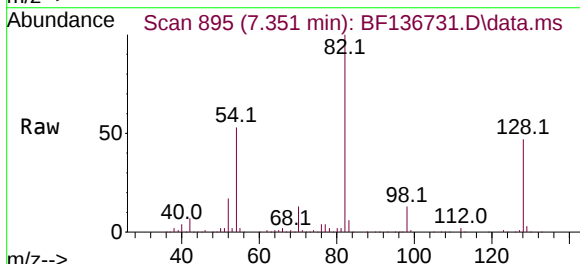
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

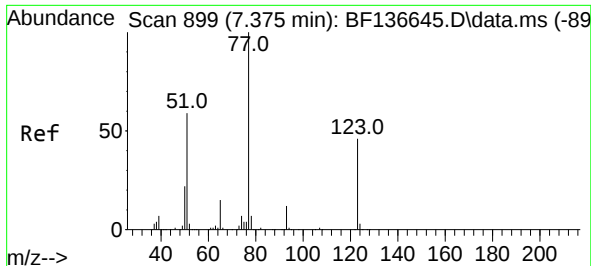
Tgt Ion:105 Resp: 274566  
Ion Ratio Lower Upper  
105 100  
71 4.6 4.8 7.2#  
51 32.8 32.8 49.2  
120 21.5 17.0 25.6



#23  
Nitrobenzene-d5  
Concen: 52.618 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 82 Resp: 258765  
Ion Ratio Lower Upper  
82 100  
128 46.7 35.3 52.9  
54 53.2 44.5 66.7

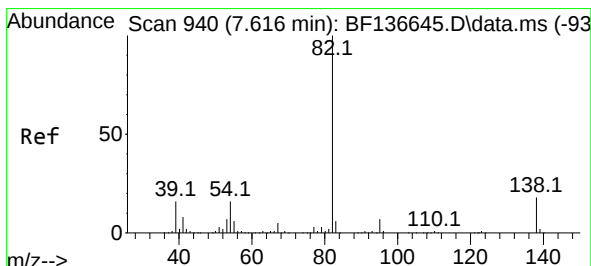
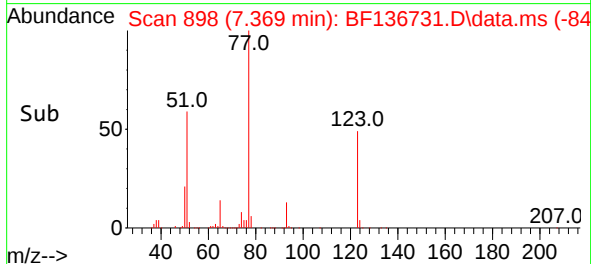
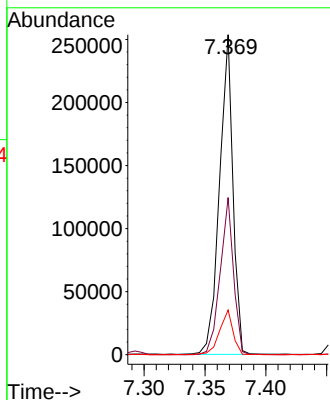
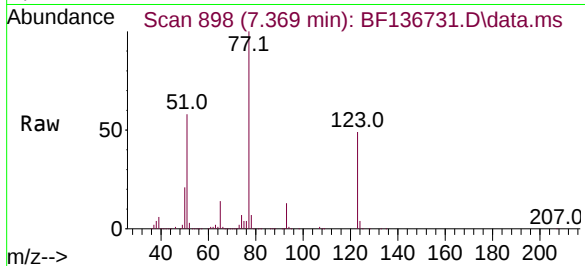




#24  
Nitrobenzene  
Concen: 39.614 ng  
RT: 7.369 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

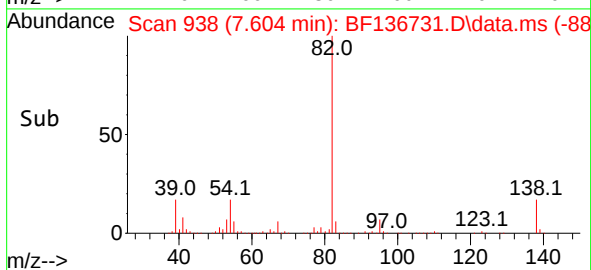
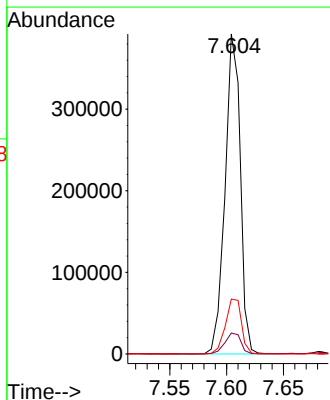
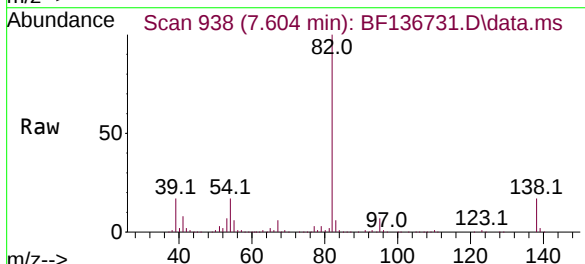
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

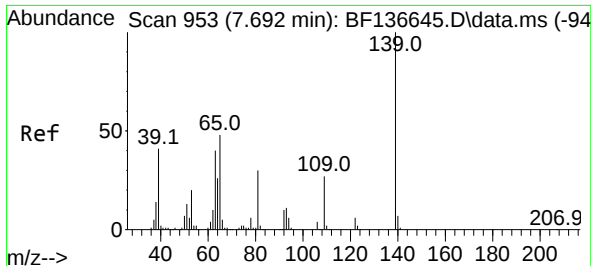
Tgt Ion: 77 Resp: 195152  
Ion Ratio Lower Upper  
77 100  
123 49.1 36.7 55.1  
65 13.9 11.8 17.6



#25  
Isophorone  
Concen: 40.941 ng  
RT: 7.604 min Scan# 938  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 82 Resp: 366356  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.5 8.3  
138 17.2 14.5 21.7

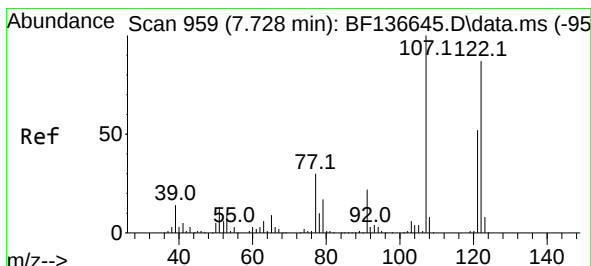
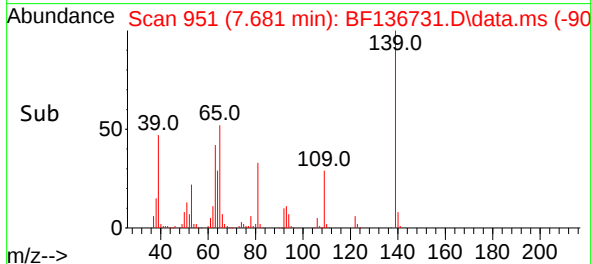
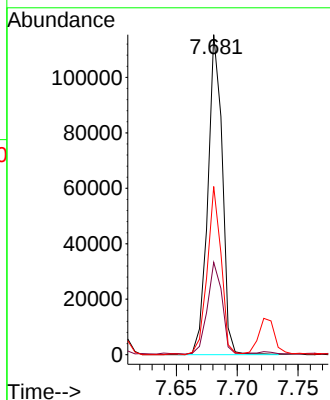
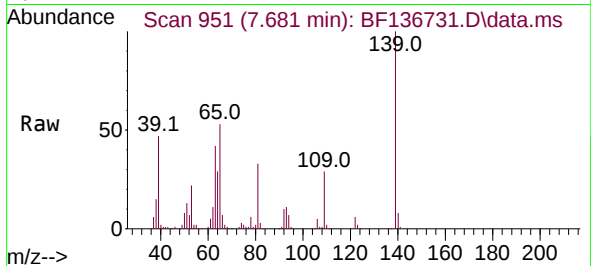




#26  
2-Nitrophenol  
Concen: 40.222 ng  
RT: 7.681 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

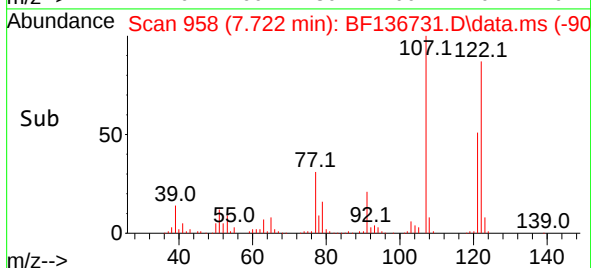
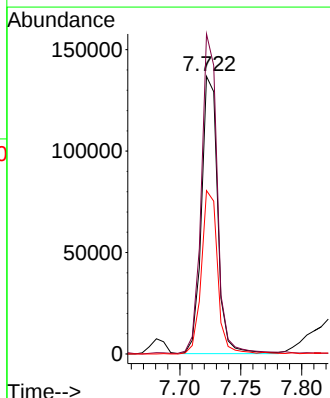
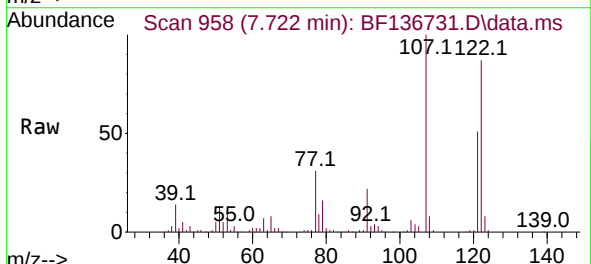
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

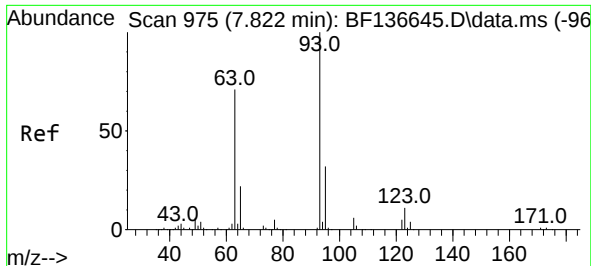
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:139 | Resp: | 94803     |
| Ion Ratio   | Lower | Upper     |
| 139         | 100   |           |
| 109         | 28.8  | 21.9 32.9 |
| 65          | 52.5  | 38.6 58.0 |



#27  
2,4-Dimethylphenol  
Concen: 43.959 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:122 | Resp: | 126140     |
| Ion Ratio   | Lower | Upper      |
| 122         | 100   |            |
| 107         | 115.2 | 92.0 138.0 |
| 121         | 58.8  | 47.5 71.3  |

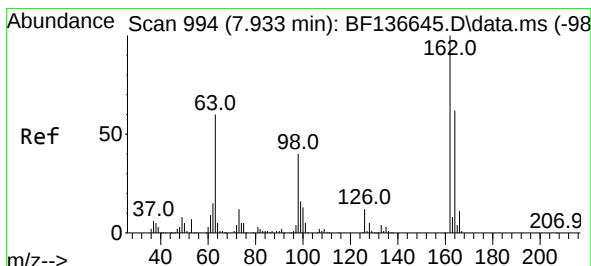
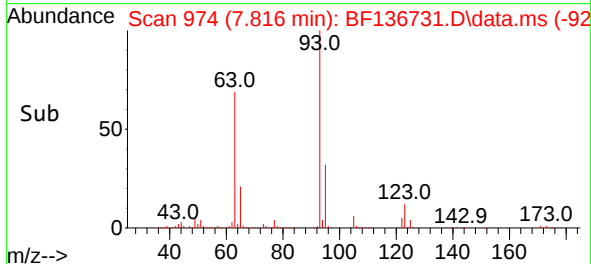
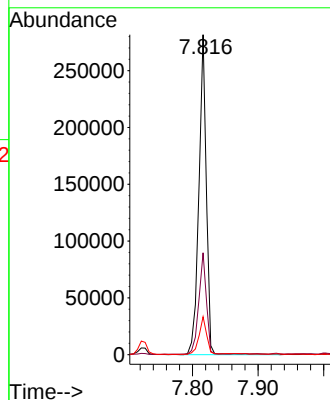
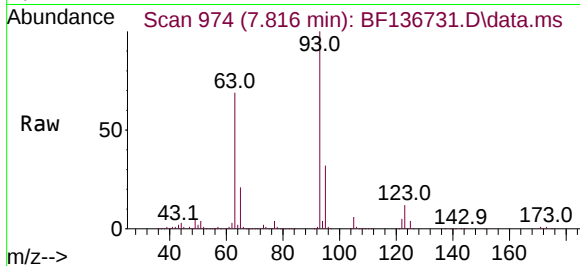




#28  
bis(2-Chloroethoxy)methane  
Concen: 41.141 ng  
RT: 7.816 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

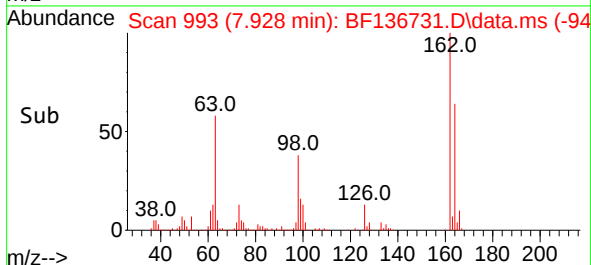
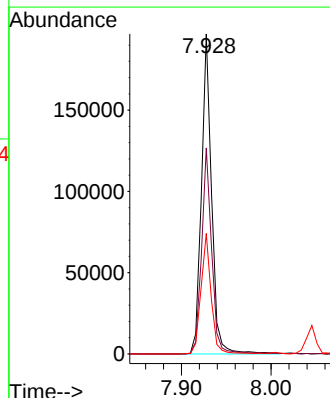
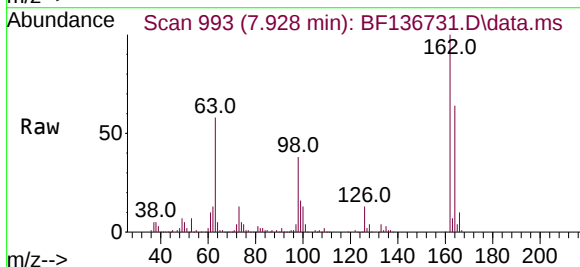
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

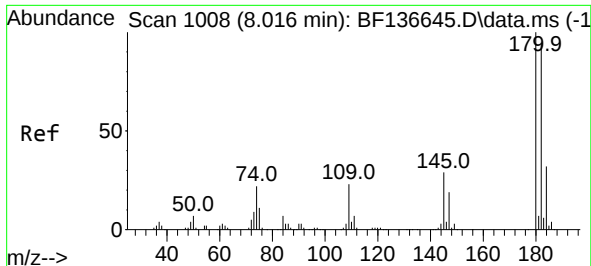
Tgt Ion: 93 Resp: 223780  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.5 38.3  
123 11.8 9.2 13.8



#29  
2,4-Dichlorophenol  
Concen: 41.954 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:162 Resp: 154988  
Ion Ratio Lower Upper  
162 100  
164 64.4 41.7 81.7  
98 37.7 19.5 59.5





#30

1,2,4-Trichlorobenzene

Concen: 40.313 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

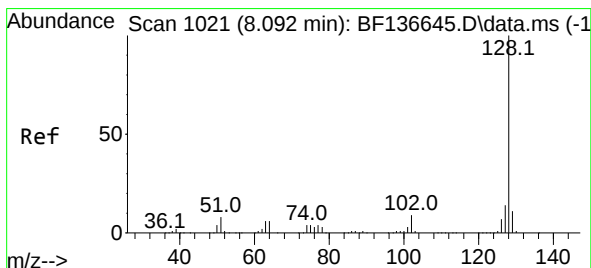
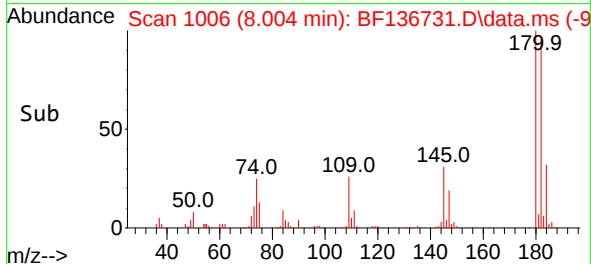
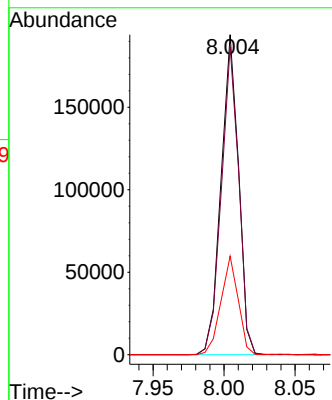
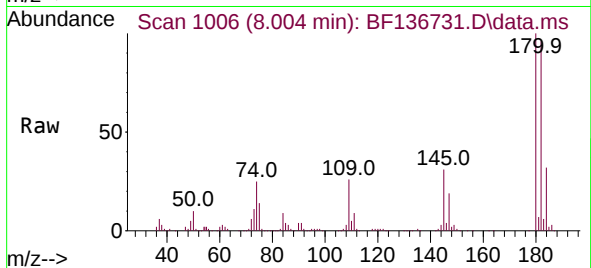
Tgt Ion:180 Resp: 165929

Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.0

145 30.8 23.1 34.7



#31

Naphthalene

Concen: 78.914 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

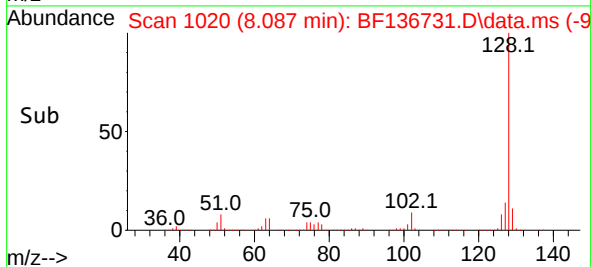
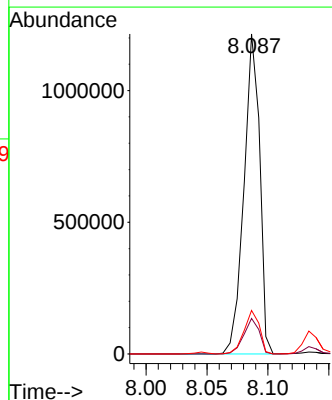
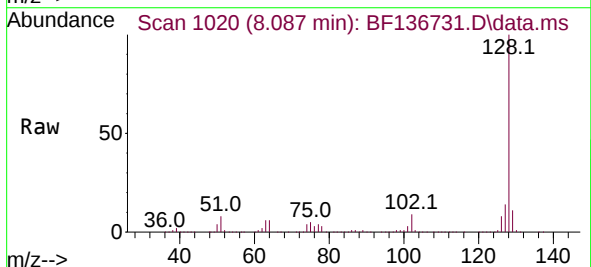
Tgt Ion:128 Resp: 1090986

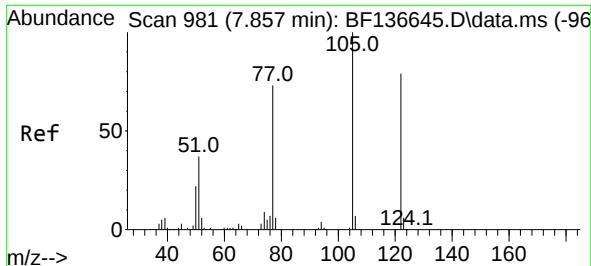
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.6 10.8 16.2

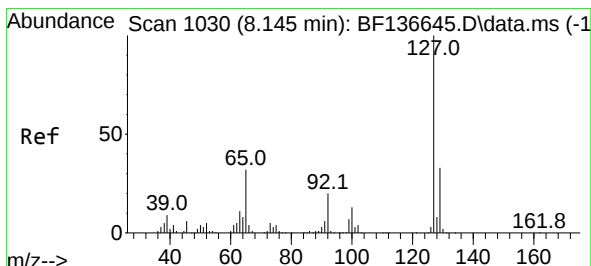
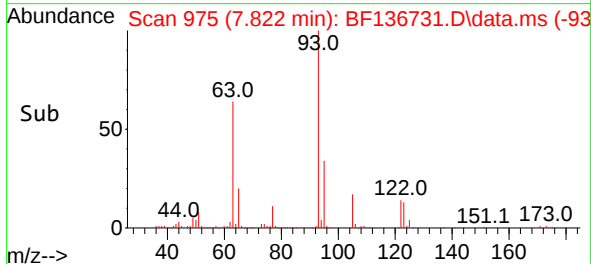
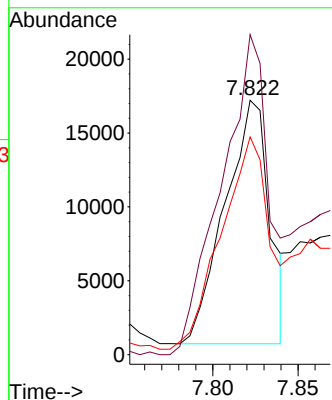
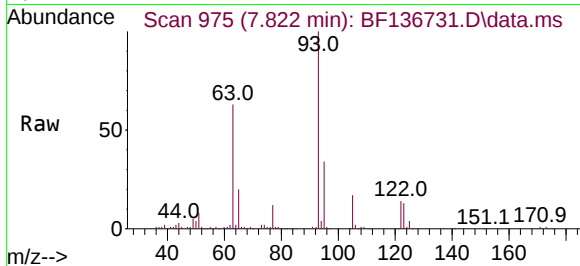




#32  
Benzoic acid  
Concen: 10.841 ng  
RT: 7.822 min Scan# 91  
Delta R.T. -0.035 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

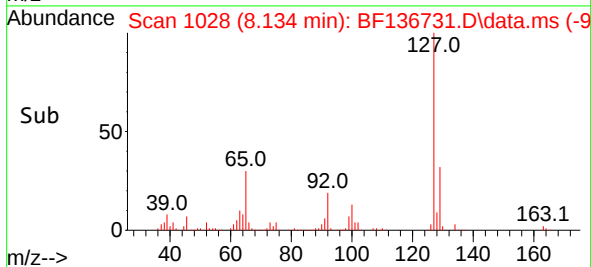
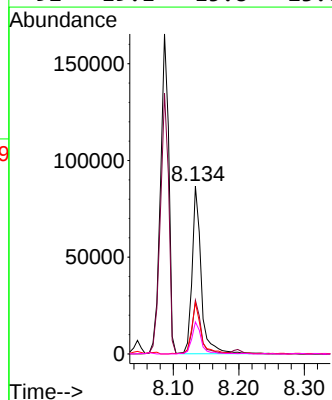
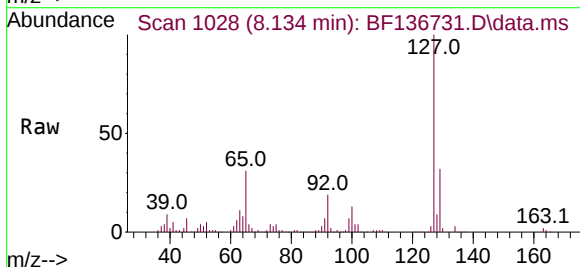
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

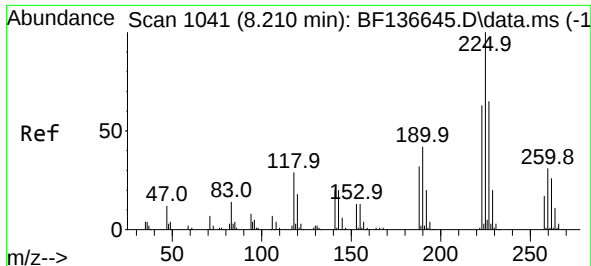
Tgt Ion:122 Resp: 30098  
Ion Ratio Lower Upper  
122 100  
105 125.8 100.8 140.8  
77 85.6 70.9 110.9



#33  
4-Chloroaniline  
Concen: 16.377 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:127 Resp: 83593  
Ion Ratio Lower Upper  
127 100  
129 32.0 26.3 39.5  
65 30.6 25.8 38.8  
92 19.1 15.8 23.6

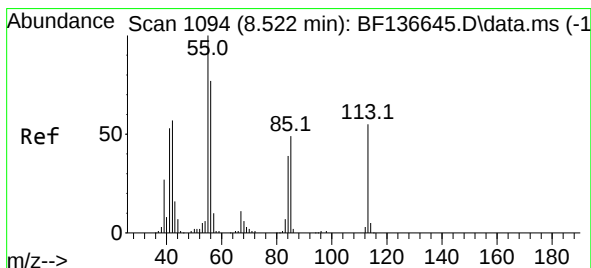
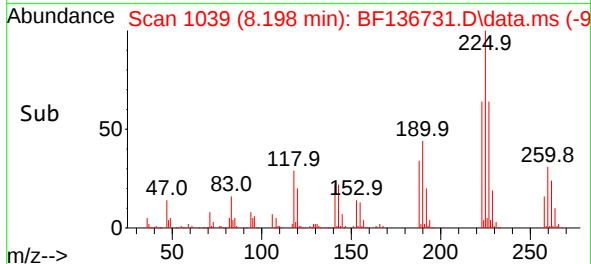
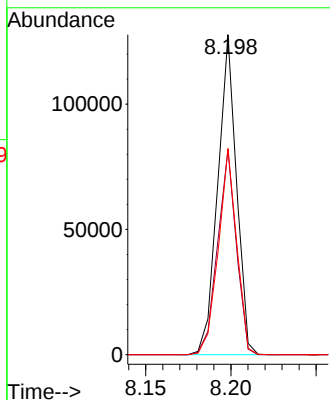
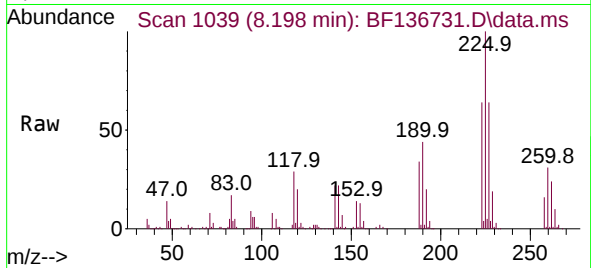




#34  
Hexachlorobutadiene  
Concen: 39.067 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

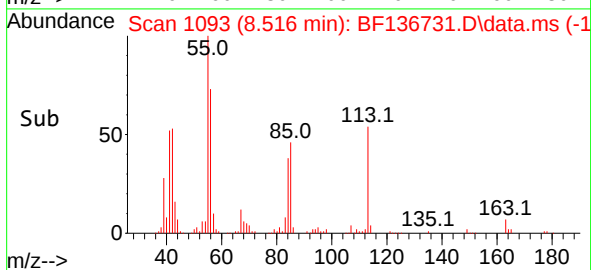
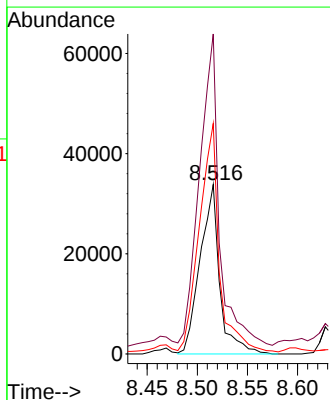
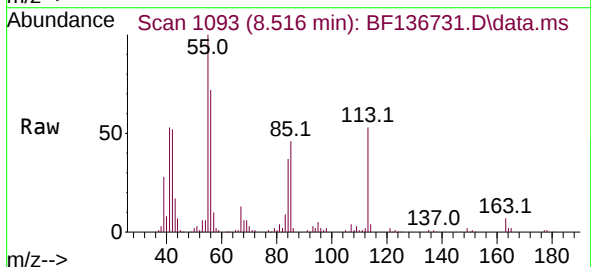
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

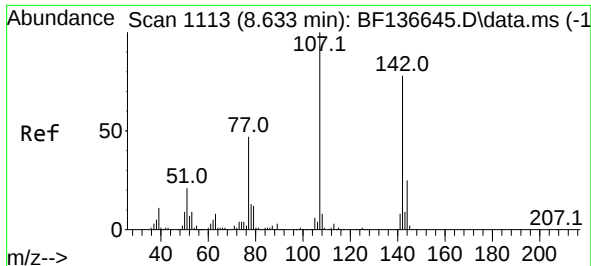
Tgt Ion:225 Resp: 97698  
Ion Ratio Lower Upper  
225 100  
223 64.3 50.6 76.0  
227 64.4 51.9 77.9



#35  
Caprolactam  
Concen: 37.898 ng  
RT: 8.516 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:113 Resp: 46186  
Ion Ratio Lower Upper  
113 100  
55 188.9 163.1 203.1  
56 136.0 121.7 161.7

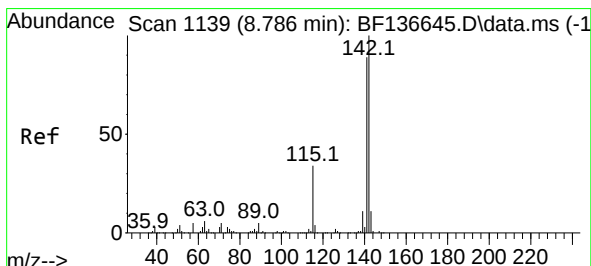
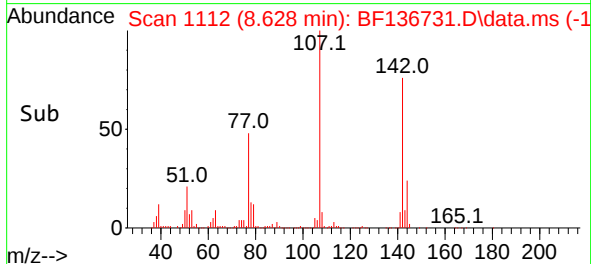
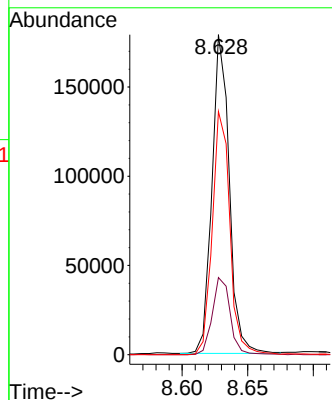
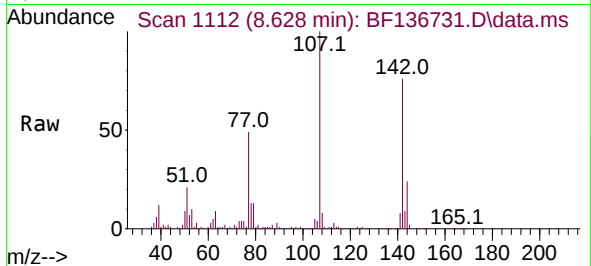




#36  
4-Chloro-3-methylphenol  
Concen: 39.371 ng  
RT: 8.628 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

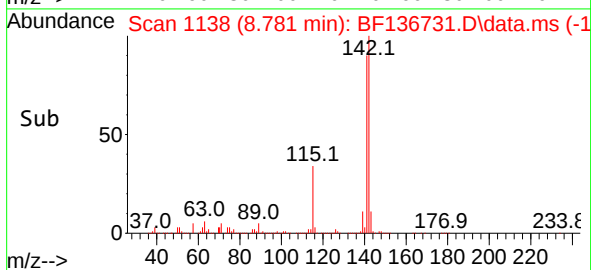
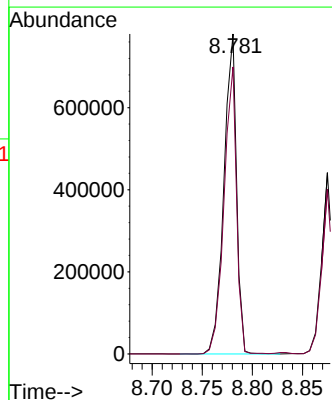
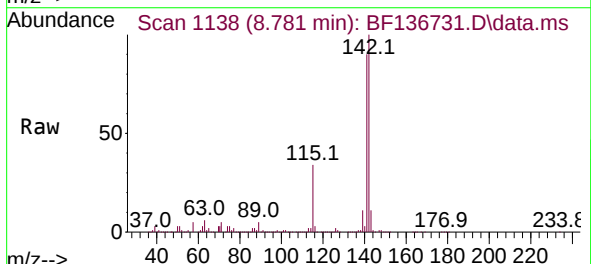
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

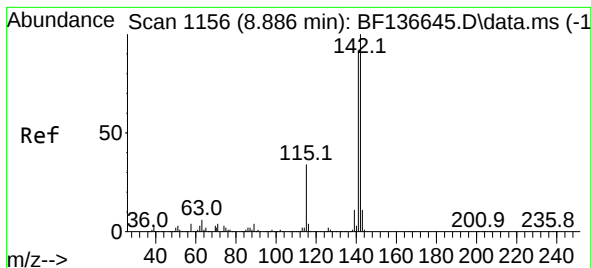
Tgt Ion:107 Resp: 163738  
Ion Ratio Lower Upper  
107 100  
144 24.1 20.2 30.2  
142 76.0 62.3 93.5



#37  
2-Methylnaphthalene  
Concen: 76.633 ng  
RT: 8.781 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:142 Resp: 681823  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.1 106.7





#38

1-Methylnaphthalene

Concen: 38.736 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

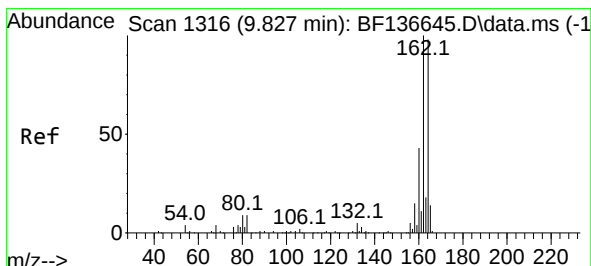
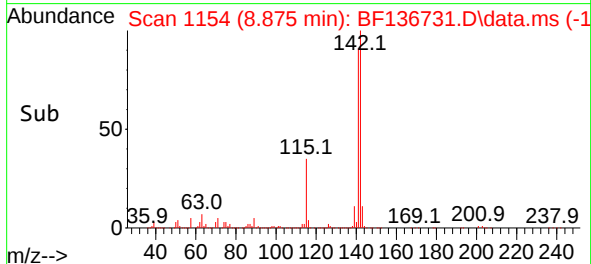
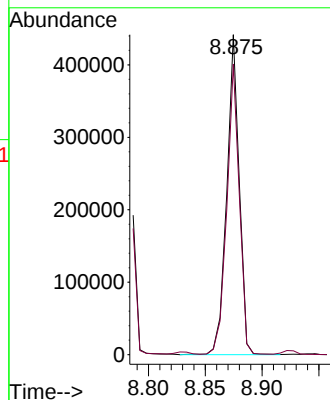
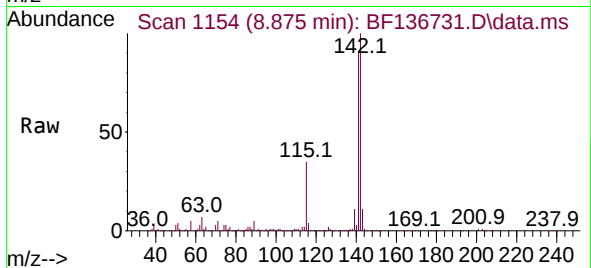
RT-SB-03-9.5-10.5MSD

Tgt Ion:142 Resp: 338130

Ion Ratio Lower Upper

142 100

141 90.8 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

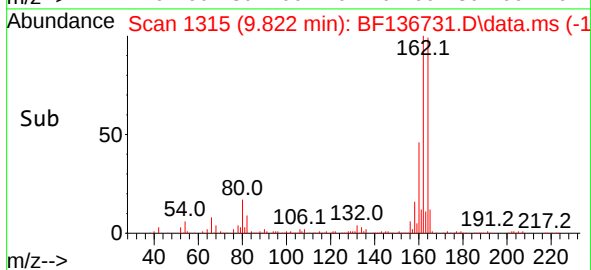
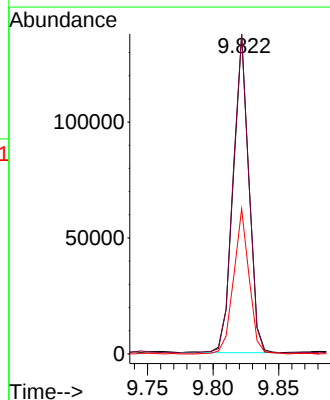
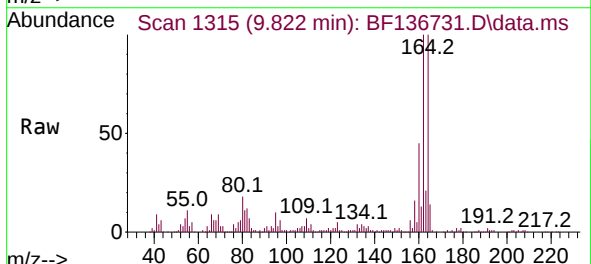
Tgt Ion:164 Resp: 114232

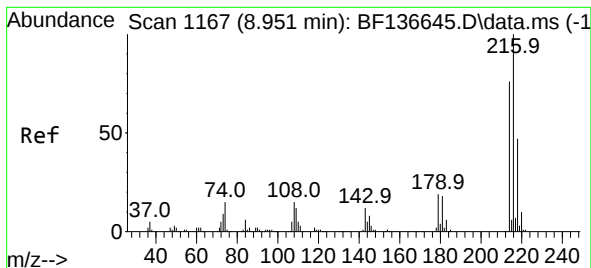
Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

160 45.4 34.9 52.3



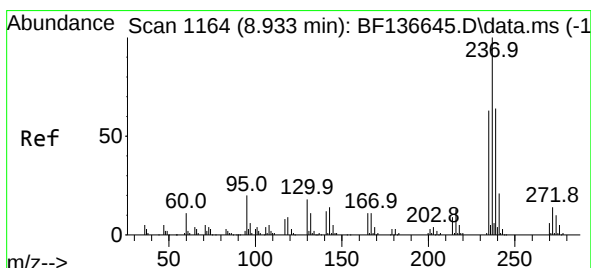
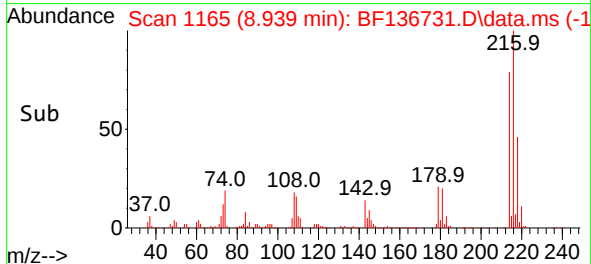
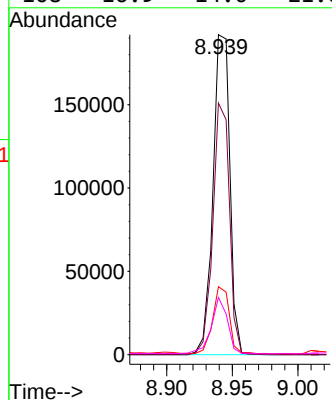
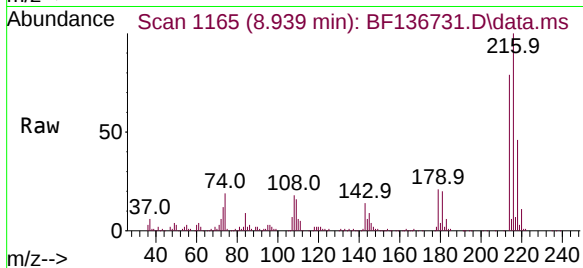


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.691 ng  
RT: 8.939 min Scan# 1165  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

Tgt Ion:216 Resp: 172255

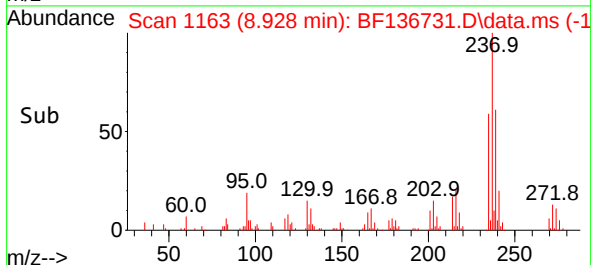
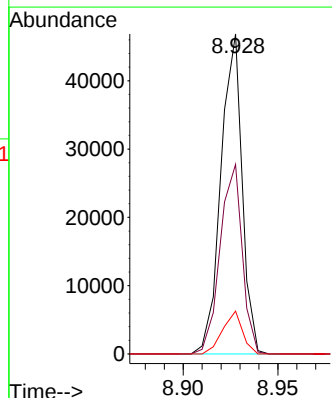
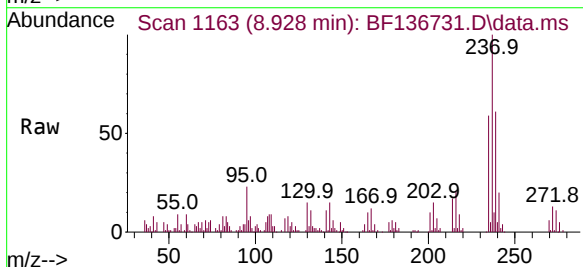
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.0  | 62.3  | 93.5  |
| 179 | 20.9  | 16.4  | 24.6  |
| 108 | 16.9  | 14.0  | 21.0  |

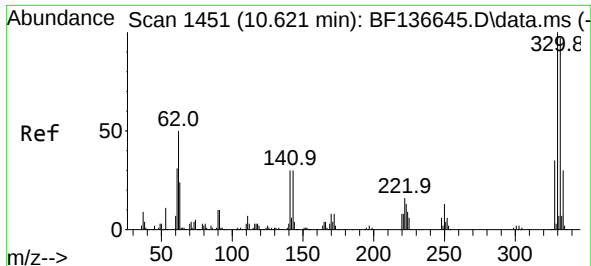


#41  
Hexachlorocyclopentadiene  
Concen: 35.254 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:237 Resp: 36474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 59.2  | 43.2  | 83.2  |
| 272 | 13.4  | 0.0   | 34.2  |





#42

2,4,6-Tribromophenol

Concen: 22.294 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136731.D

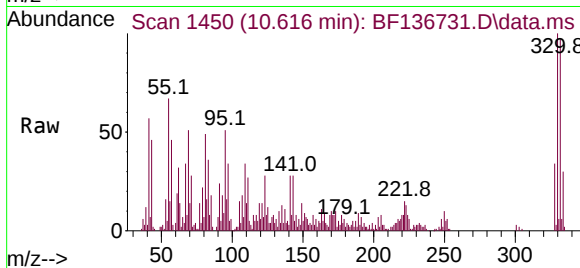
Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD



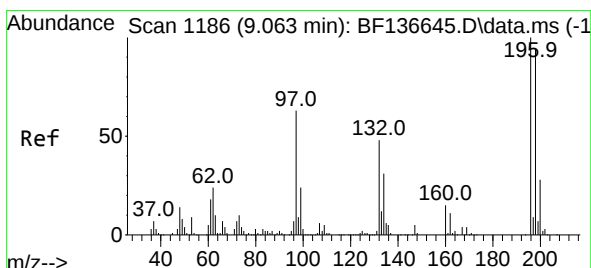
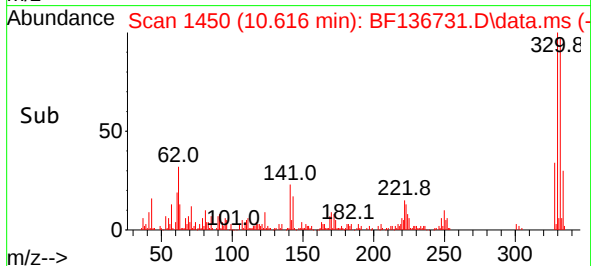
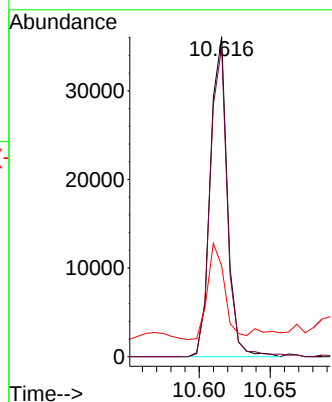
Tgt Ion:330 Resp: 29993

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

141 30.4 23.4 35.2



#43

2,4,6-Trichlorophenol

Concen: 44.715 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

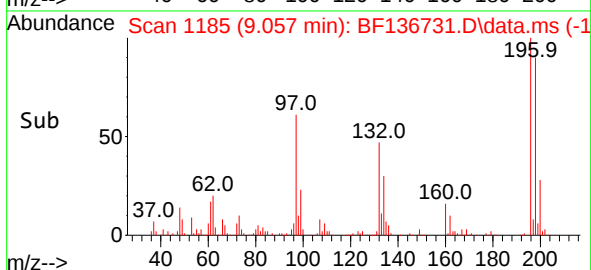
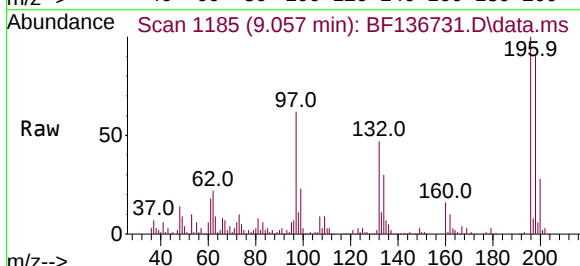
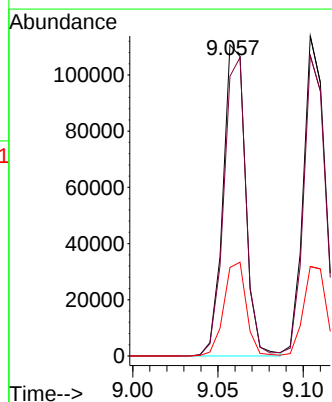
Tgt Ion:196 Resp: 101449

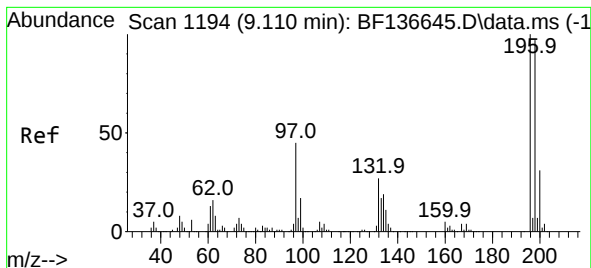
Ion Ratio Lower Upper

196 100

198 89.9 75.1 112.7

200 28.4 22.5 33.7





#44

2,4,5-Trichlorophenol

Concen: 41.926 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

Tgt Ion:196 Resp: 105999

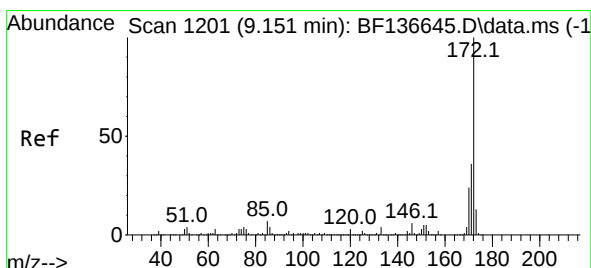
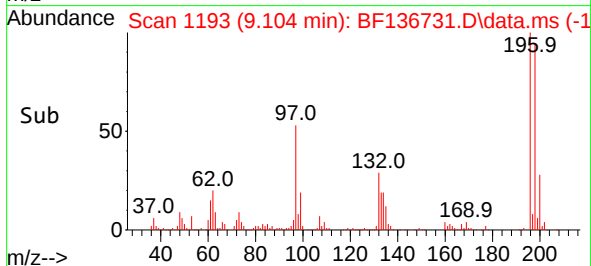
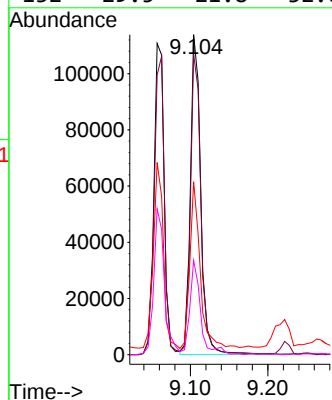
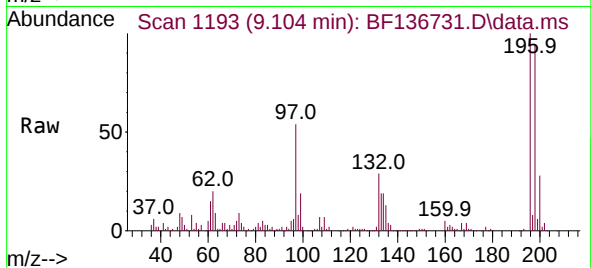
Ion Ratio Lower Upper

196 100

198 93.8 77.0 115.6

97 54.1 36.1 54.1

132 29.5 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 50.633 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

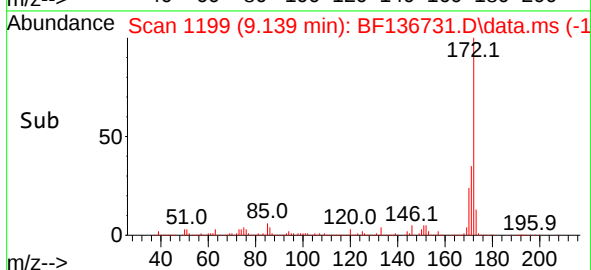
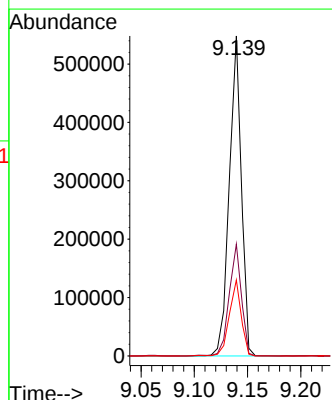
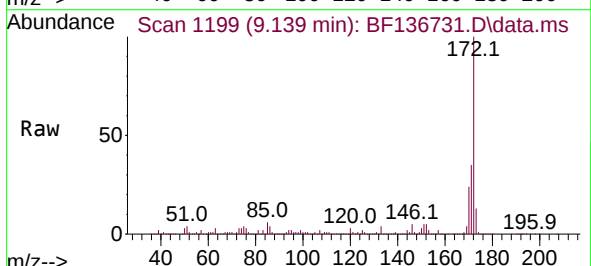
Tgt Ion:172 Resp: 430033

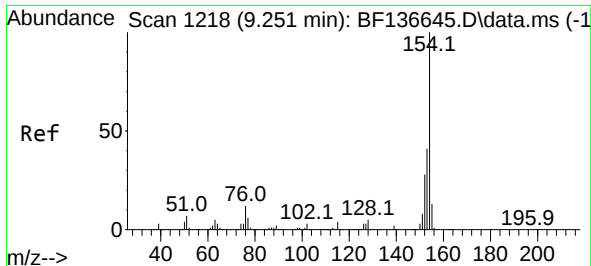
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.7 19.0 28.4

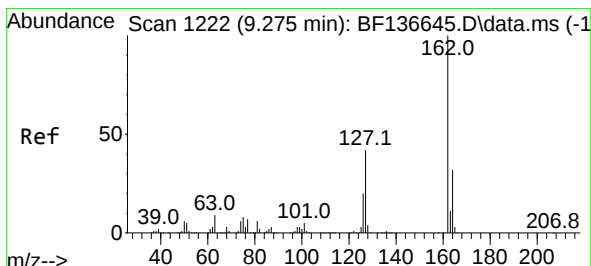
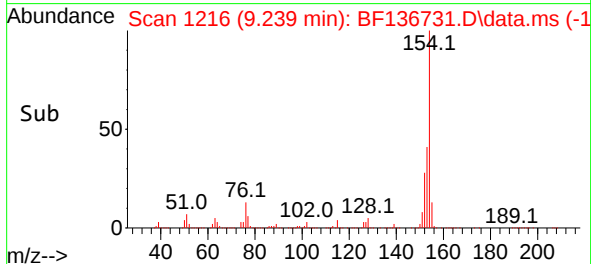
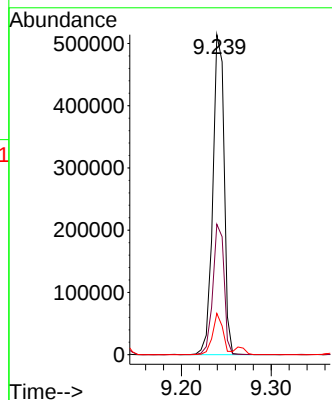
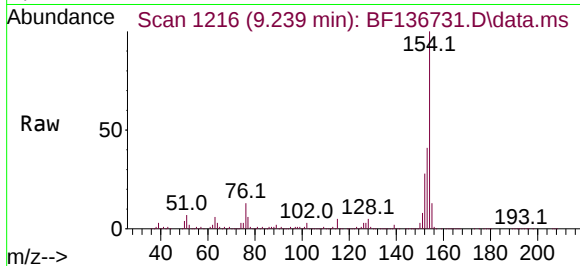




#46  
1,1'-Biphenyl  
Concen: 46.924 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

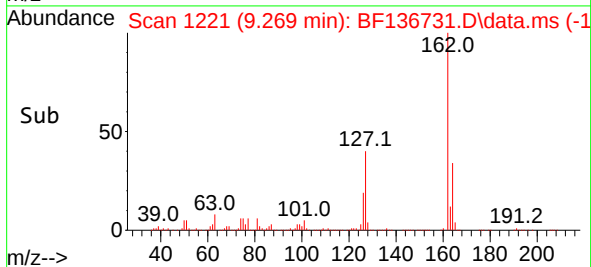
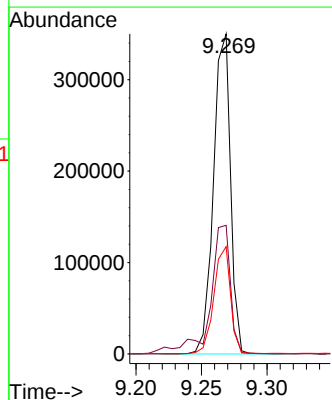
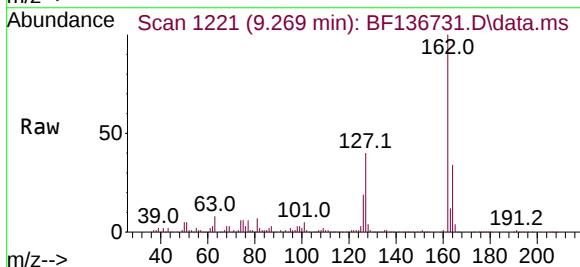
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

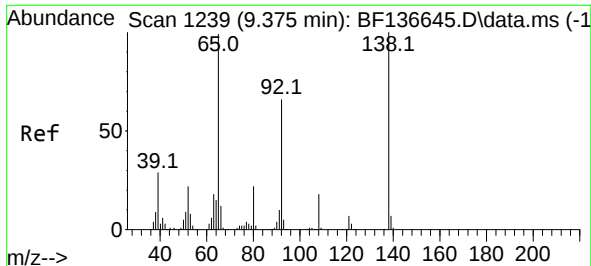
Tgt Ion:154 Resp: 449800  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.1 61.1  
76 12.9 0.0 31.7



#47  
2-Chloronaphthalene  
Concen: 43.377 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:162 Resp: 316097  
Ion Ratio Lower Upper  
162 100  
127 40.2 33.6 50.4  
164 33.6 25.7 38.5





#48

2-Nitroaniline

Concen: 44.296 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

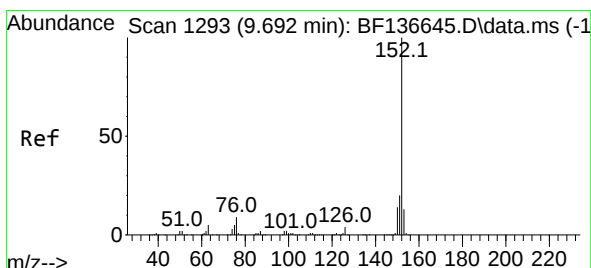
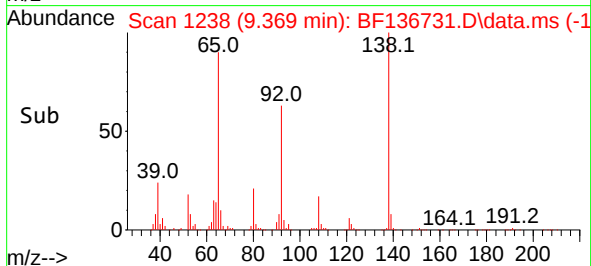
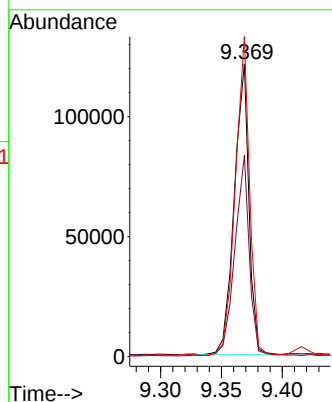
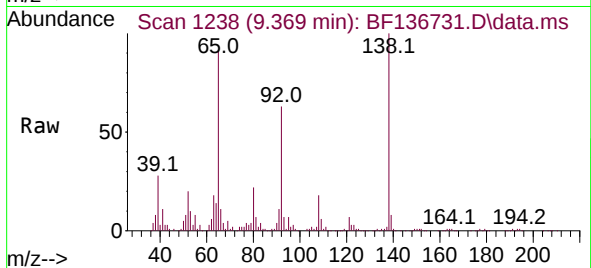
Tgt Ion: 65 Resp: 101084

Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

138 109.3 81.1 121.7



#49

Acenaphthylene

Concen: 90.467 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

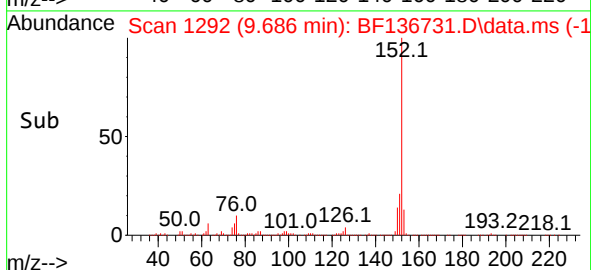
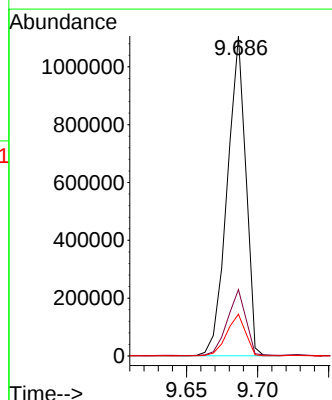
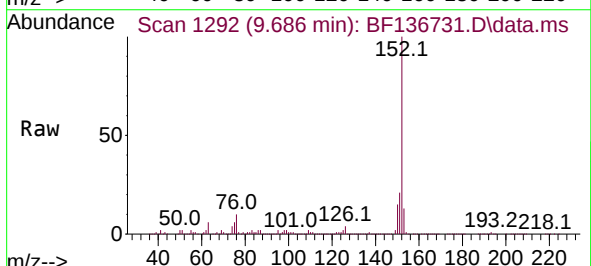
Tgt Ion: 152 Resp: 1007664

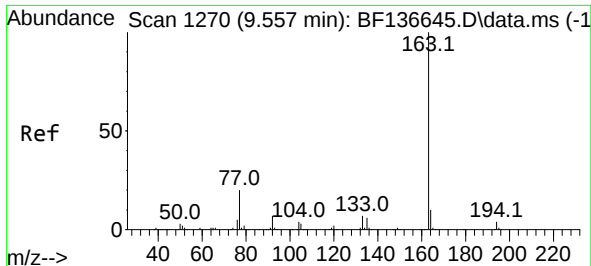
Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.0 10.2 15.2

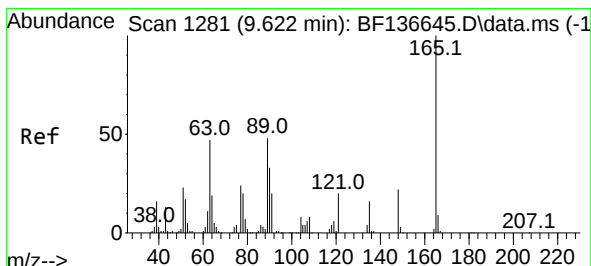
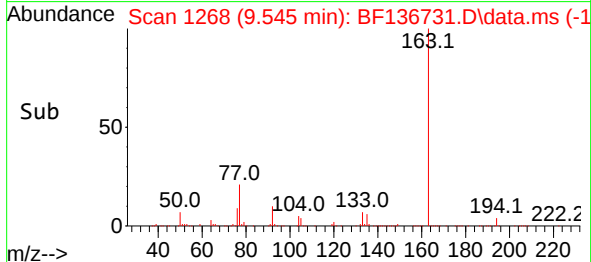
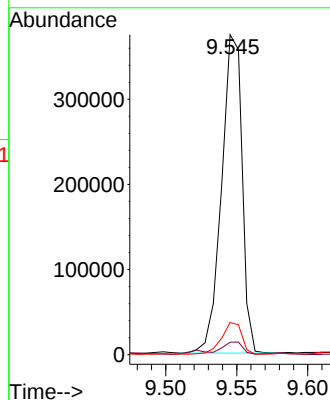
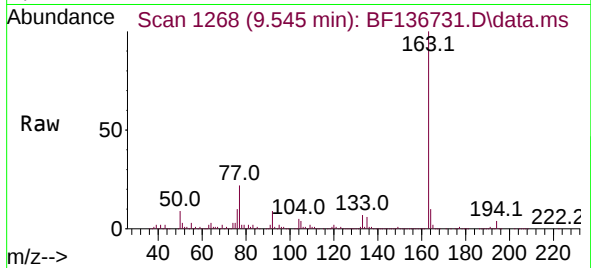




#50  
Dimethylphthalate  
Concen: 44.900 ng  
RT: 9.545 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

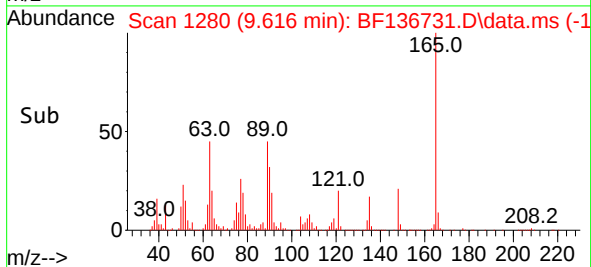
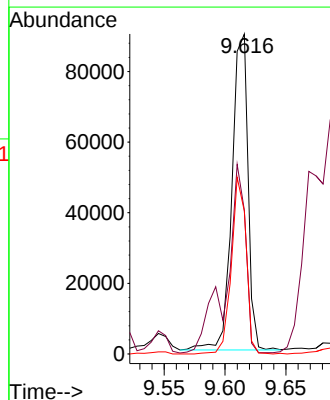
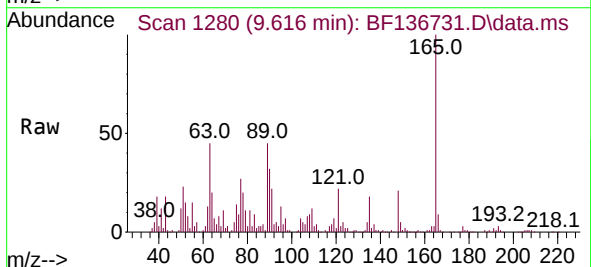
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

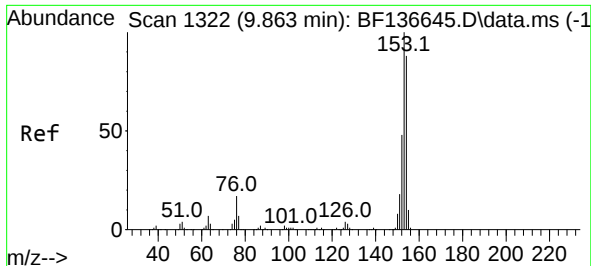
Tgt Ion:163 Resp: 374633  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.0 7.8 11.6



#51  
2,6-Dinitrotoluene  
Concen: 43.445 ng  
RT: 9.616 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:165 Resp: 82269  
Ion Ratio Lower Upper  
165 100  
63 44.9 39.8 59.6  
89 44.6 38.8 58.2

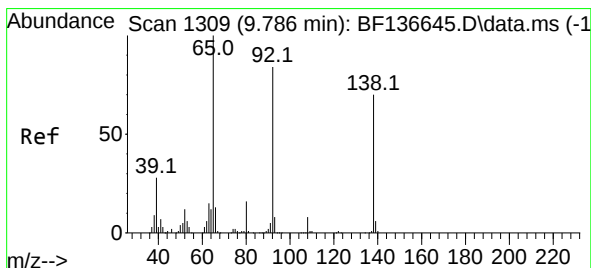
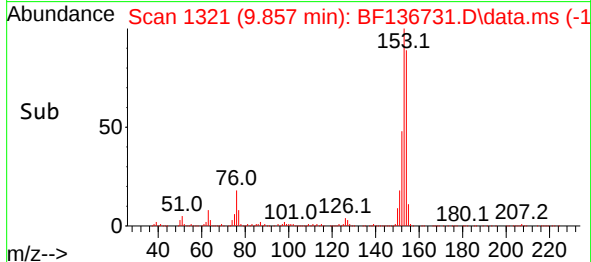
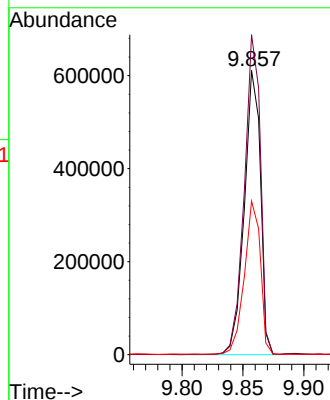
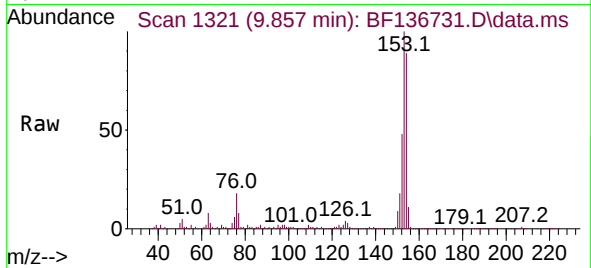




#52  
Acenaphthene  
Concen: 81.854 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

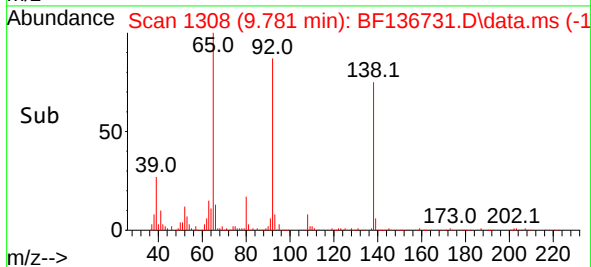
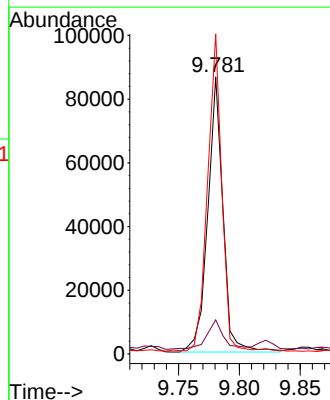
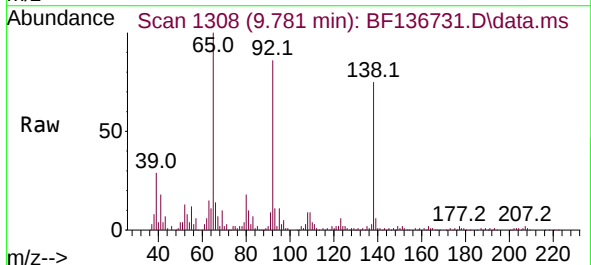
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

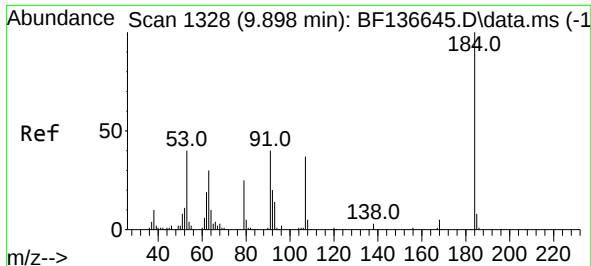
Tgt Ion:154 Resp: 565164  
Ion Ratio Lower Upper  
154 100  
153 112.6 90.7 136.1  
152 54.0 43.7 65.5



#53  
3-Nitroaniline  
Concen: 37.492 ng  
RT: 9.781 min Scan# 1308  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:138 Resp: 75208  
Ion Ratio Lower Upper  
138 100  
108 12.3 8.6 12.8  
92 115.5 95.2 142.8





#54

2,4-Dinitrophenol

Concen: 8.159 ng

RT: 9.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

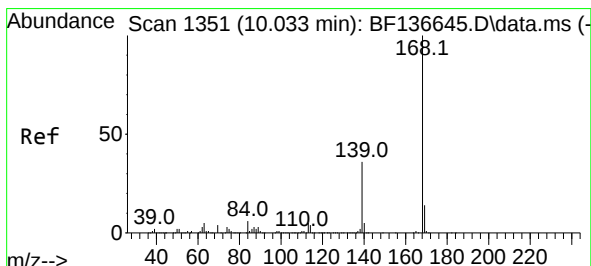
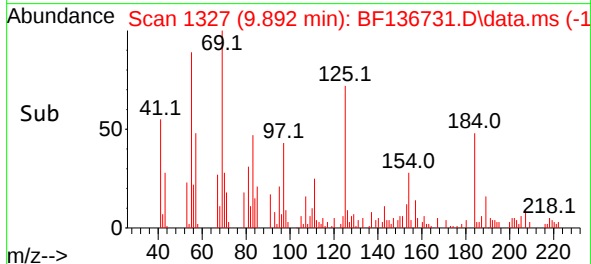
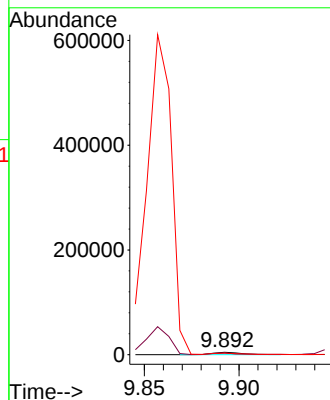
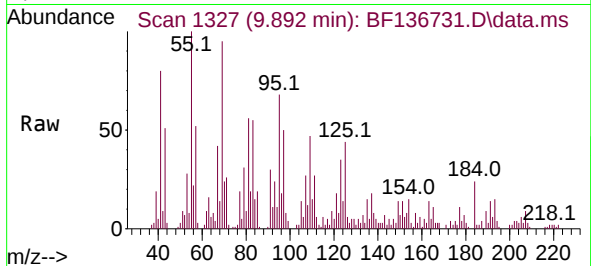
Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:184 | Resp: | 4870        |
| Ion         | Ratio | Lower Upper |
| 184         | 100   |             |
| 63          | 66.6  | 40.9 61.3#  |
| 154         | 61.9  | 42.7 64.1   |



#55

Dibenzofuran

Concen: 42.085 ng

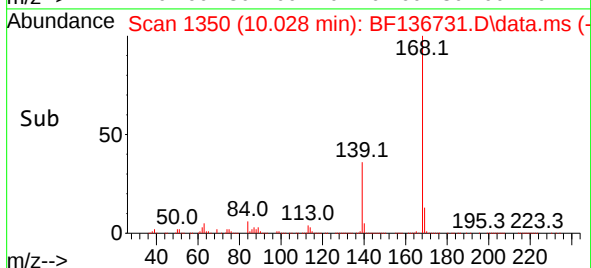
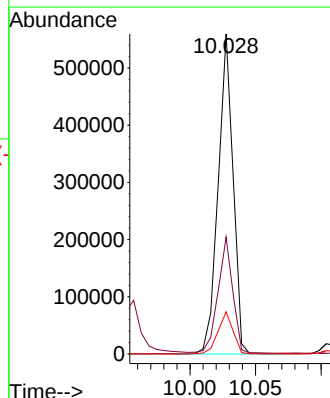
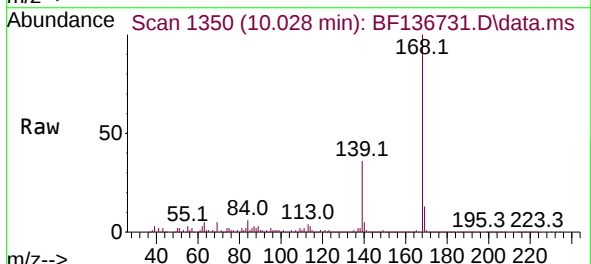
RT: 10.028 min Scan# 1350

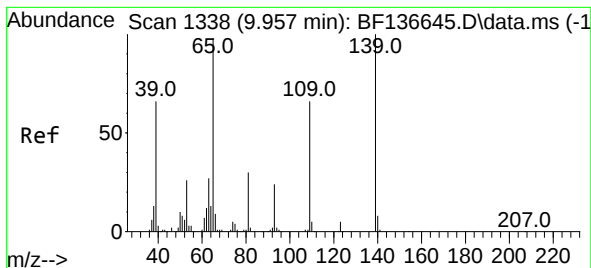
Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:168 | Resp: | 440472      |
| Ion         | Ratio | Lower Upper |
| 168         | 100   |             |
| 139         | 36.5  | 29.3 43.9   |
| 169         | 13.2  | 11.0 16.4   |





#56

4-Nitrophenol

Concen: 68.763 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

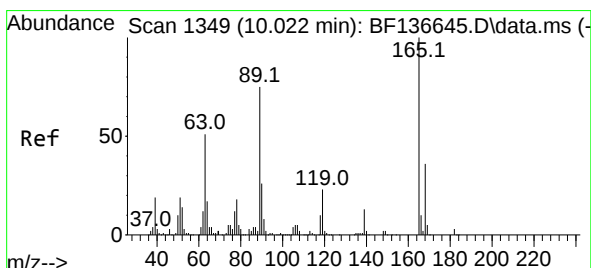
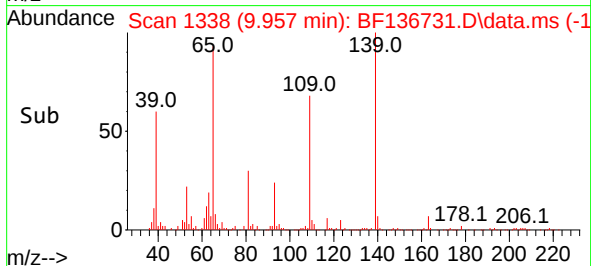
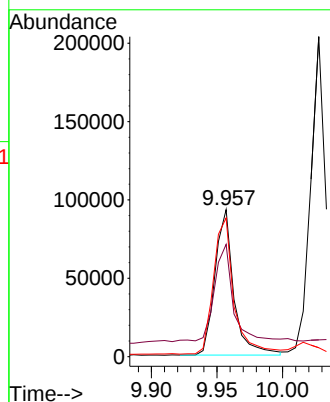
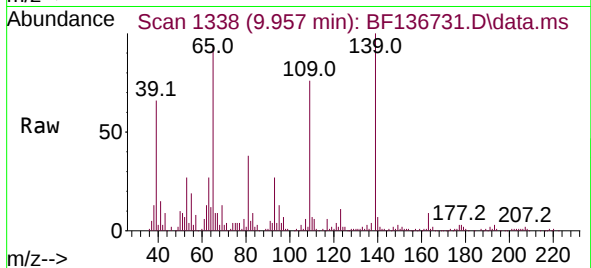
Tgt Ion:139 Resp: 93114

Ion Ratio Lower Upper

139 100

109 76.5 45.8 85.8

65 94.4 77.8 117.8



#57

2,4-Dinitrotoluene

Concen: 39.213 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Tgt Ion:165 Resp: 96397

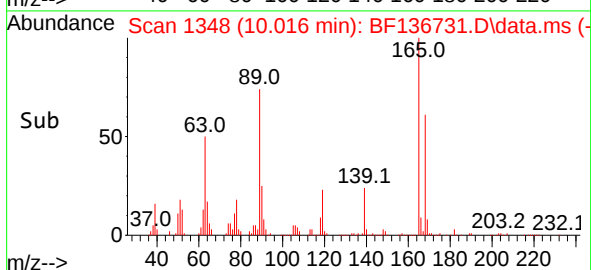
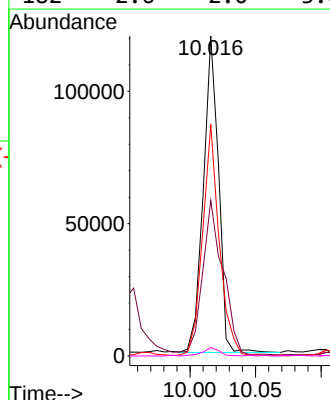
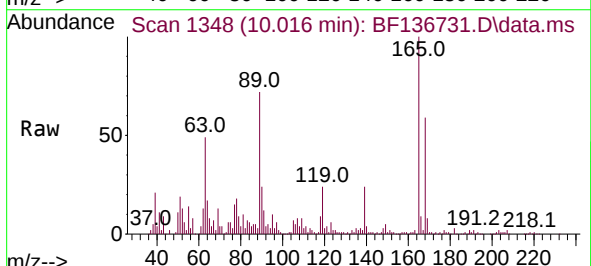
Ion Ratio Lower Upper

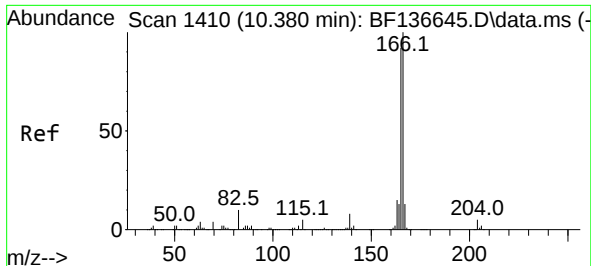
165 100

63 48.6 41.0 61.6

89 72.4 59.9 89.9

182 2.6 2.0 3.0

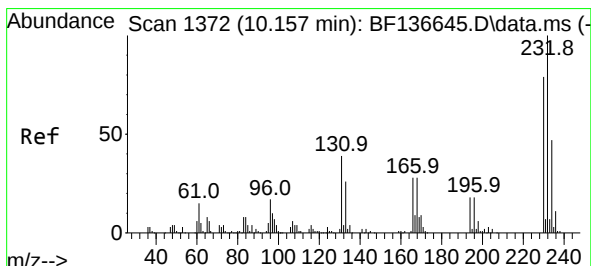
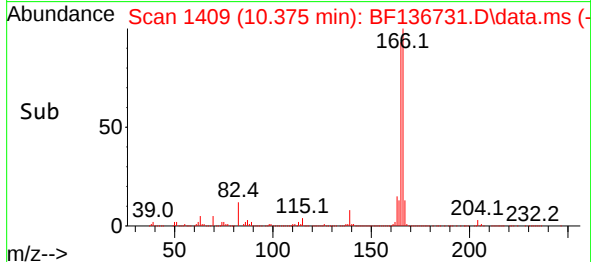
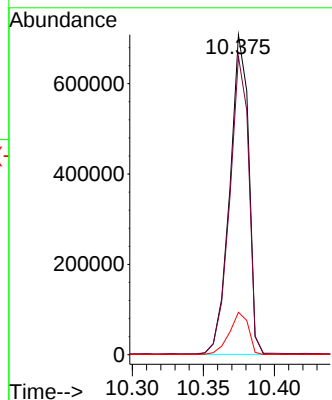
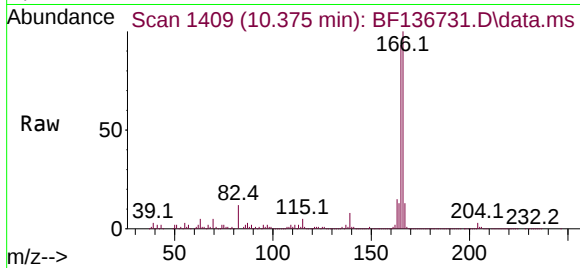




#58  
Fluorene  
Concen: 78.672 ng  
RT: 10.375 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

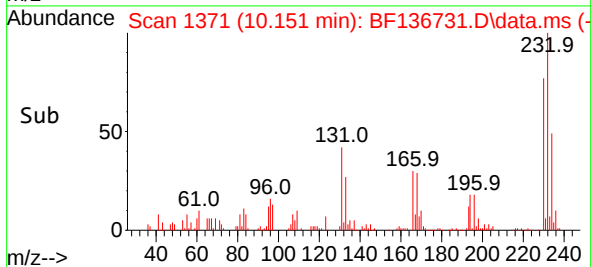
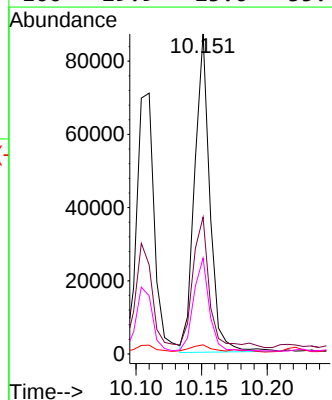
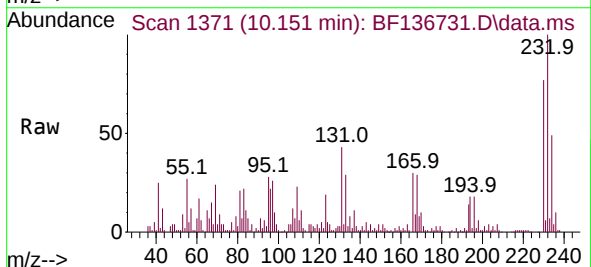
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

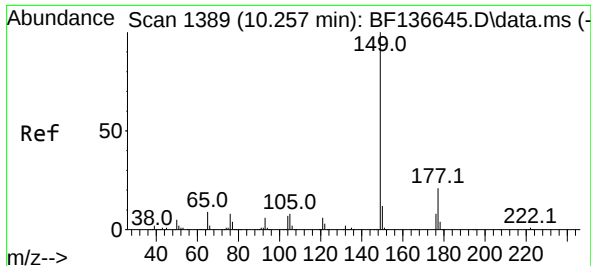
Tgt Ion:166 Resp: 653341  
Ion Ratio Lower Upper  
166 100  
165 93.2 73.7 110.5  
167 13.2 10.4 15.6



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.184 ng  
RT: 10.151 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:232 Resp: 70421  
Ion Ratio Lower Upper  
232 100  
131 46.0 35.1 52.7  
130 2.7 1.6 2.4#  
166 29.9 23.6 35.4

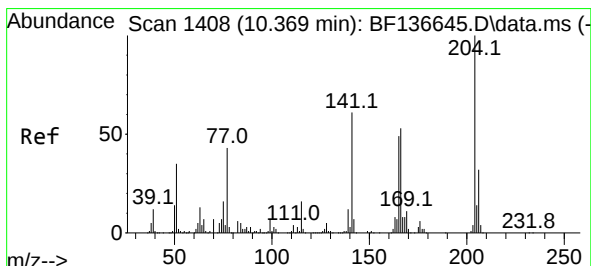
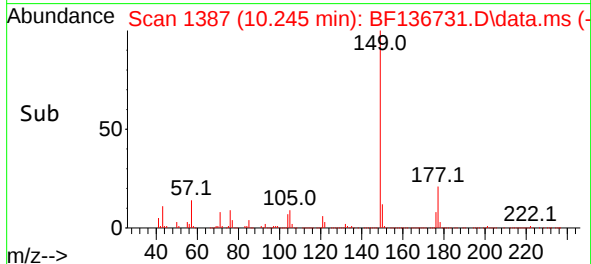
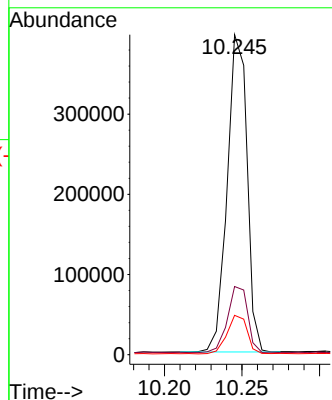
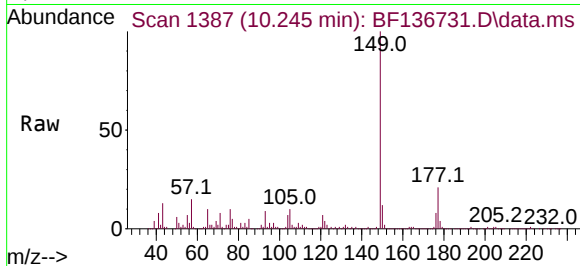




#60  
Diethylphthalate  
Concen: 40.749 ng  
RT: 10.245 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

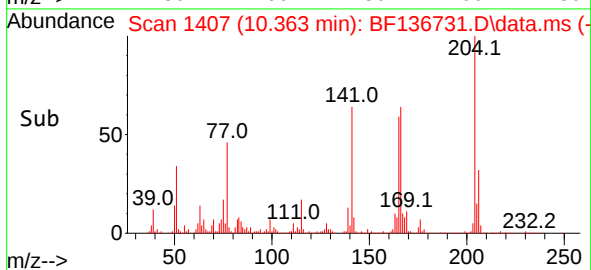
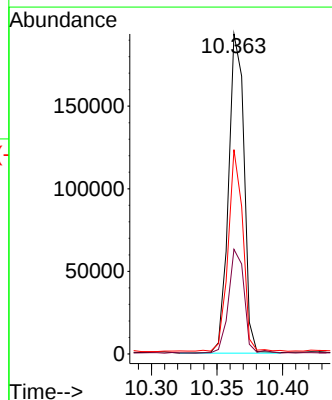
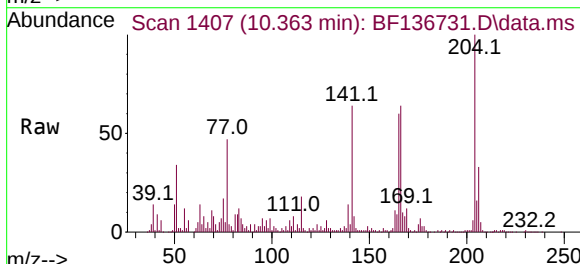
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

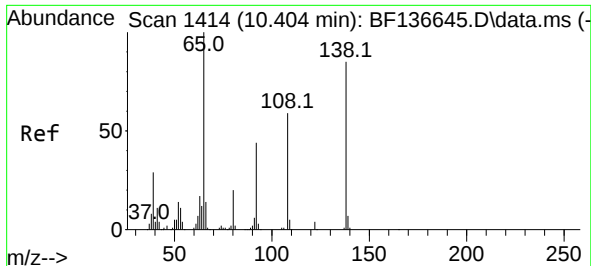
Tgt Ion:149 Resp: 352776  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.9 25.3  
150 12.3 9.3 13.9



#61  
4-Chlorophenyl-phenylether  
Concen: 39.438 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:204 Resp: 159196  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.6 38.4  
141 63.8 48.4 72.6

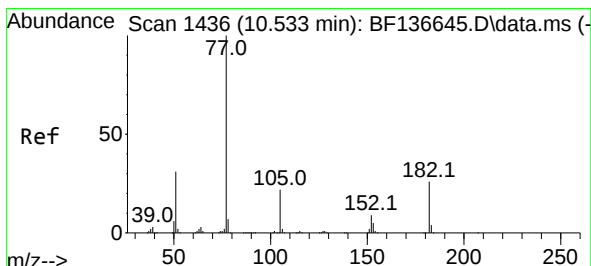
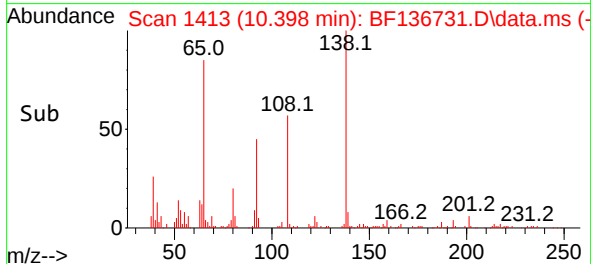
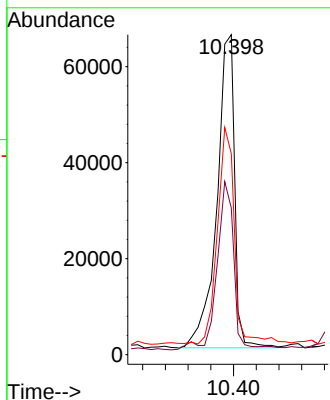
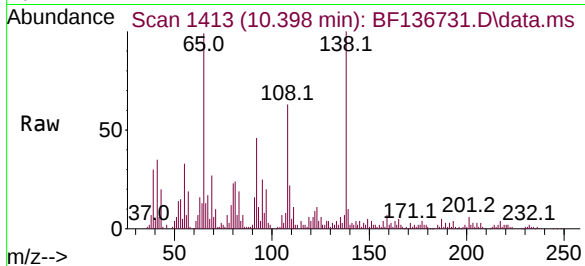




#62  
4-Nitroaniline  
Concen: 36.845 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

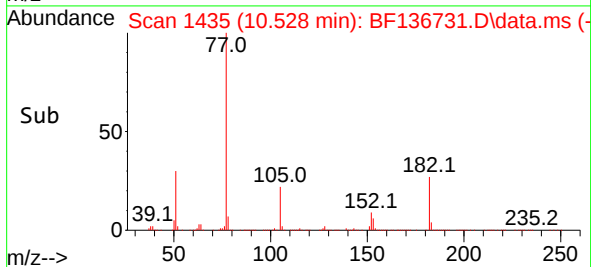
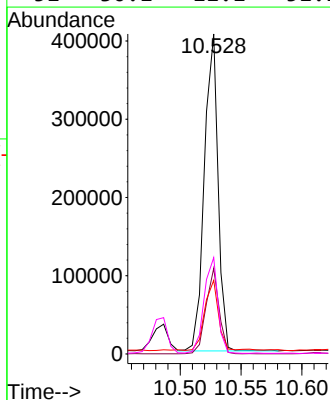
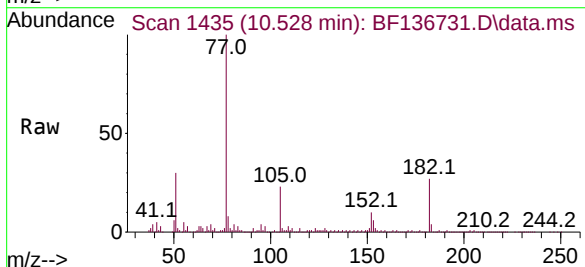
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

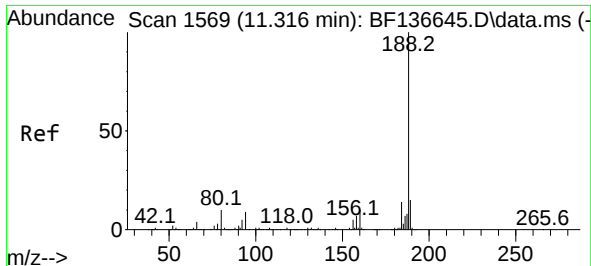
Tgt Ion:138 Resp: 71250  
Ion Ratio Lower Upper  
138 100  
92 45.8 32.1 72.1  
108 62.8 50.1 90.1



#63  
Azobenzene  
Concen: 39.398 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion: 77 Resp: 318567  
Ion Ratio Lower Upper  
77 100  
182 26.7 6.0 46.0  
105 23.0 2.3 42.3  
51 30.1 11.1 51.1

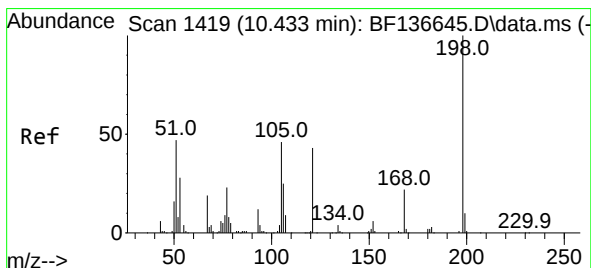
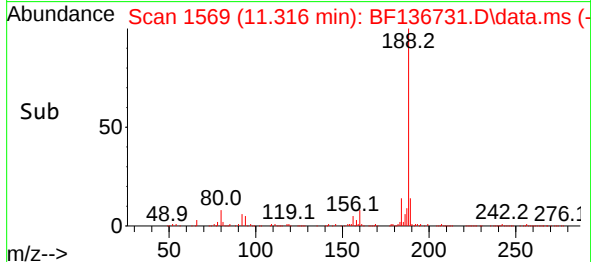
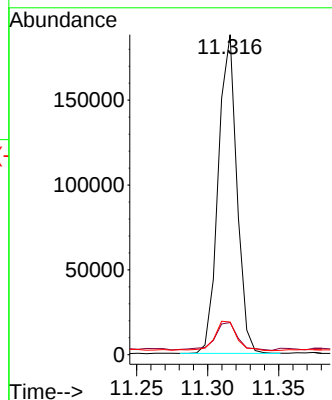
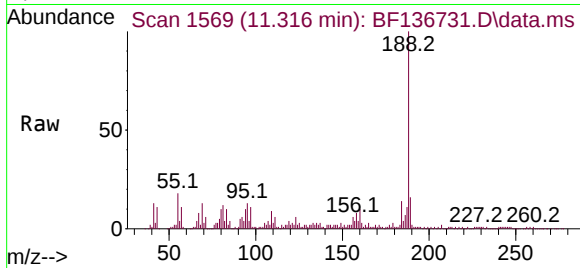




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

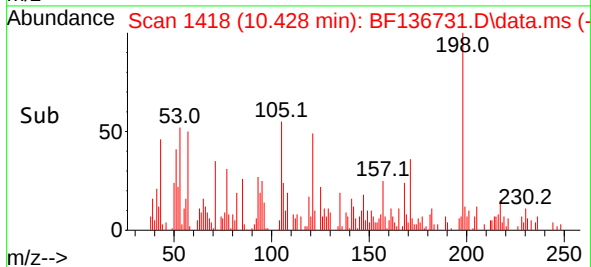
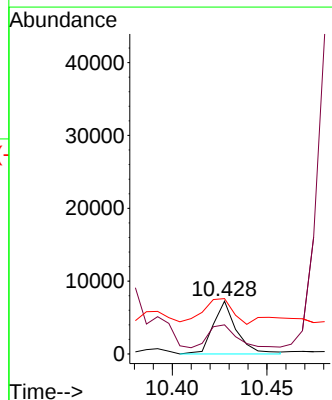
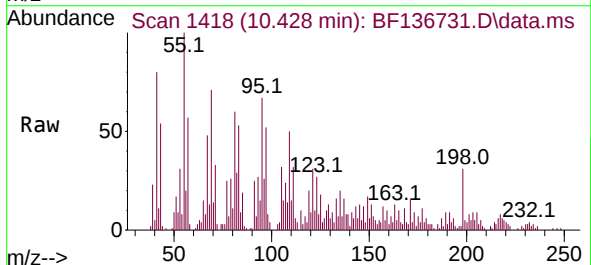
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

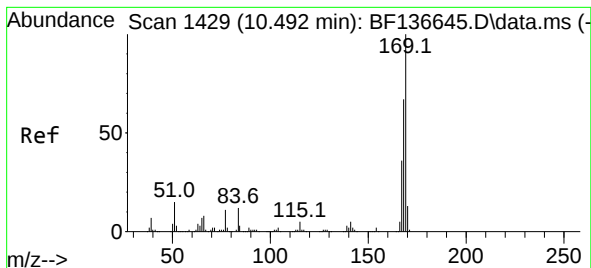
Tgt Ion:188 Resp: 170592  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.5 11.3  
80 10.2 8.1 12.1



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.344 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:198 Resp: 6202  
Ion Ratio Lower Upper  
198 100  
51 55.3 34.1 74.1  
105 105.0 27.3 67.3#





#66

n-Nitrosodiphenylamine

Concen: 52.055 ng

RT: 10.486 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

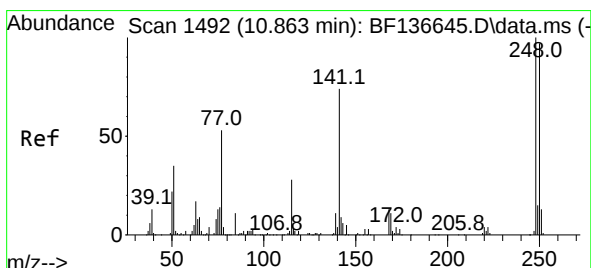
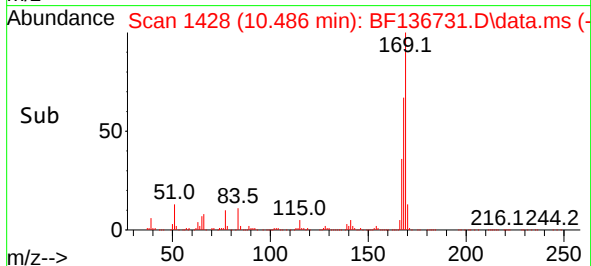
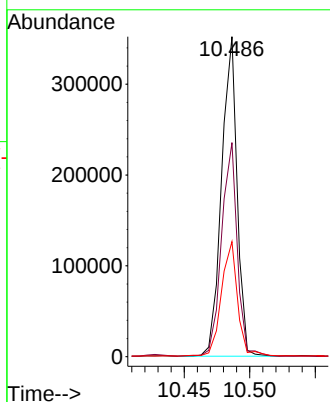
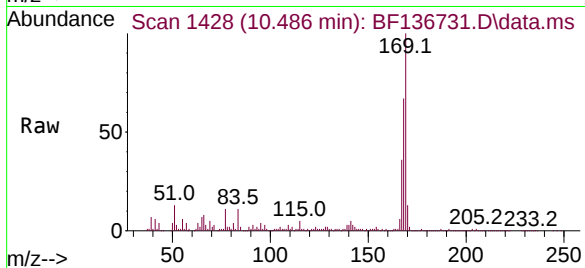
Tgt Ion:169 Resp: 288468

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

167 35.9 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 46.799 ng

RT: 10.857 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

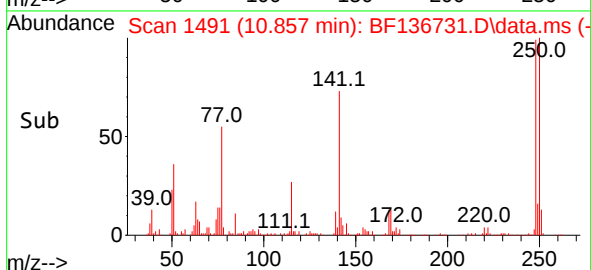
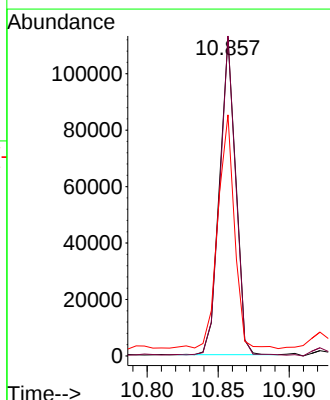
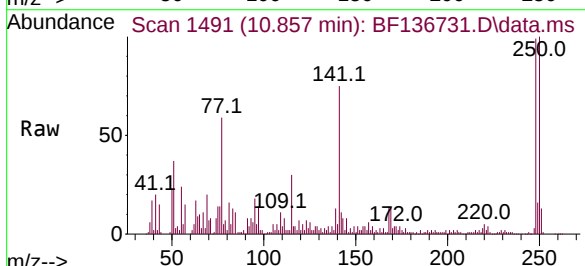
Tgt Ion:248 Resp: 88664

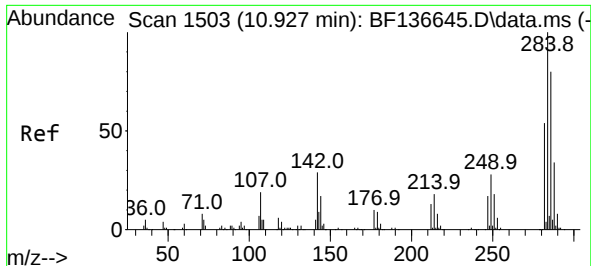
Ion Ratio Lower Upper

248 100

250 100.5 77.8 116.6

141 75.8 59.2 88.8

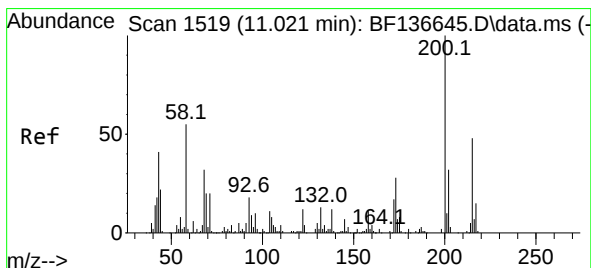
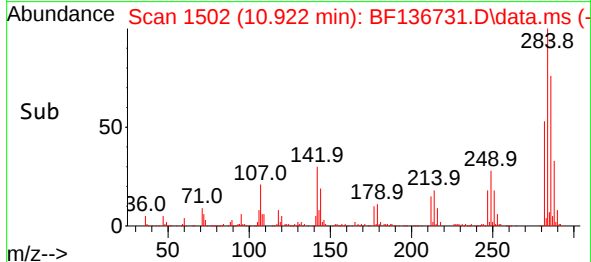
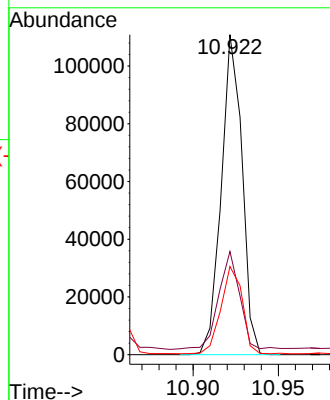
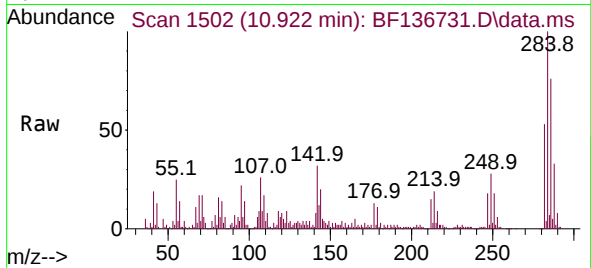




#68  
Hexachlorobenzene  
Concen: 44.533 ng  
RT: 10.922 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

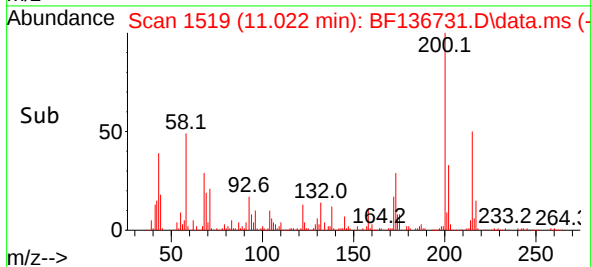
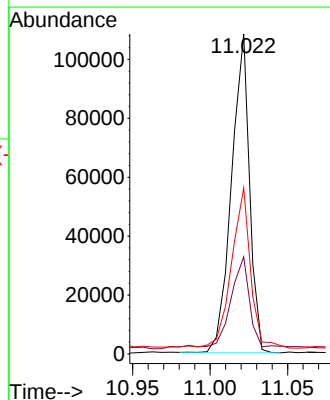
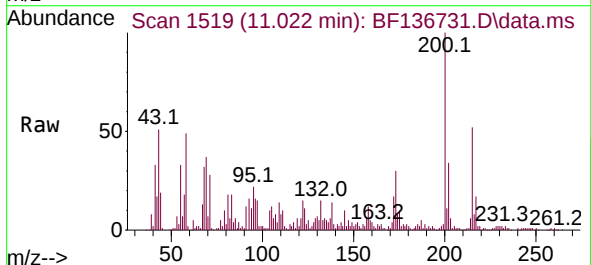
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

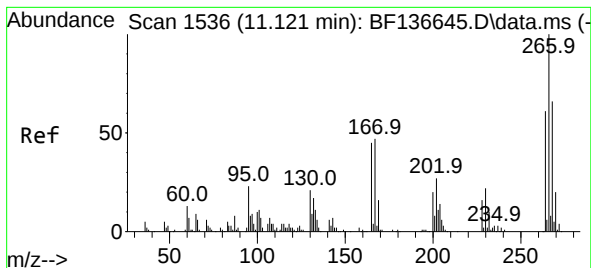
Tgt Ion:284 Resp: 94023  
Ion Ratio Lower Upper  
284 100  
142 32.2 23.4 35.0  
249 27.5 22.3 33.5



#69  
Atrazine  
Concen: 61.851 ng  
RT: 11.022 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:200 Resp: 87666  
Ion Ratio Lower Upper  
200 100  
173 30.3 7.6 47.6  
215 51.9 28.3 68.3





#70

Pentachlorophenol

Concen: 74.247 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

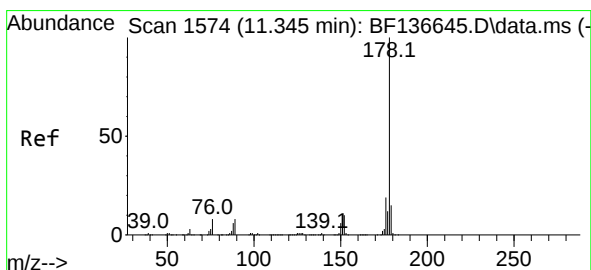
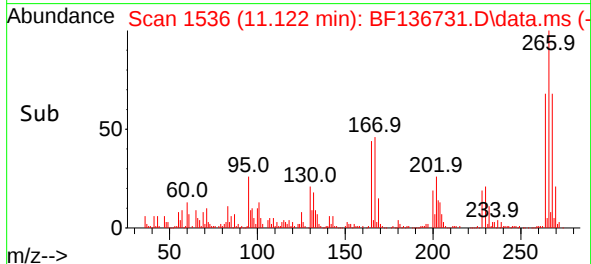
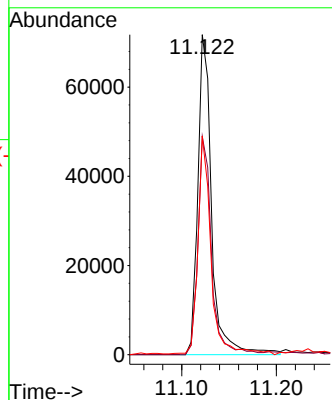
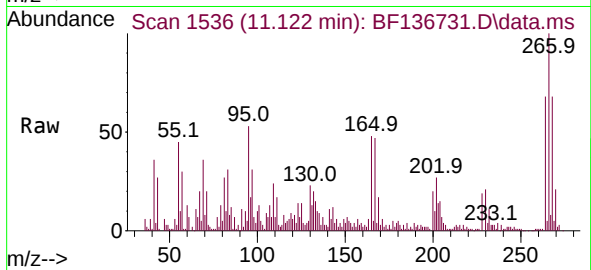
Tgt Ion:266 Resp: 73067

Ion Ratio Lower Upper

266 100

268 68.2 52.6 78.8

264 68.4 49.0 73.4



#71

Phenanthrene

Concen: 93.647 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

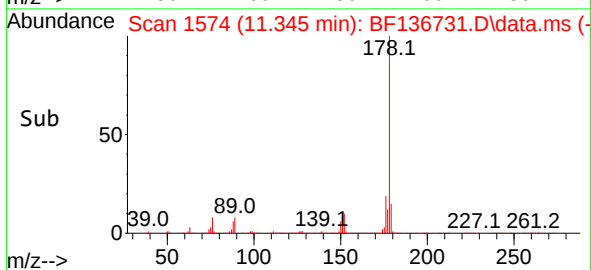
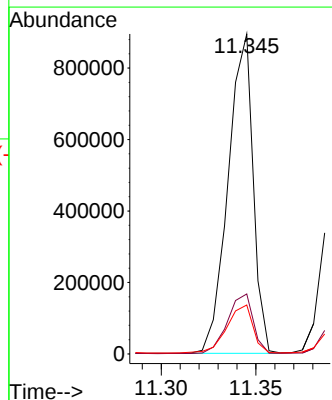
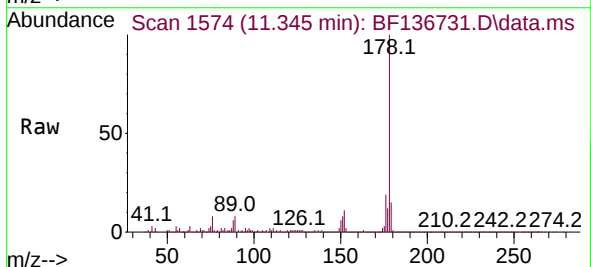
Tgt Ion:178 Resp: 819711

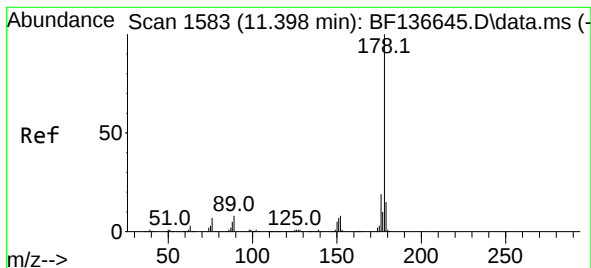
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.3 11.9 17.9





#72

Anthracene

Concen: 88.756 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

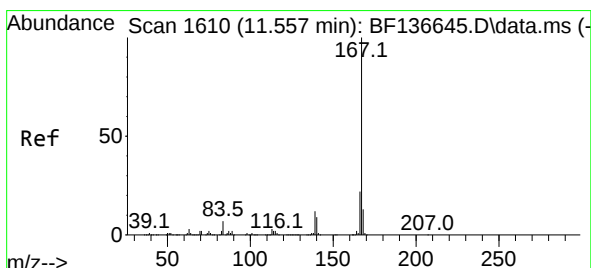
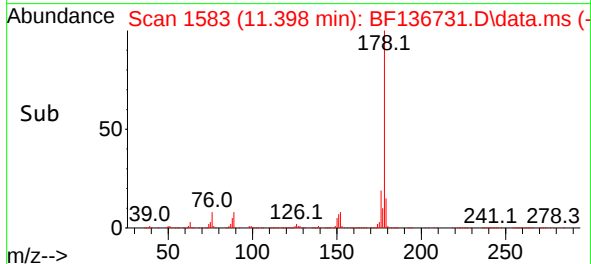
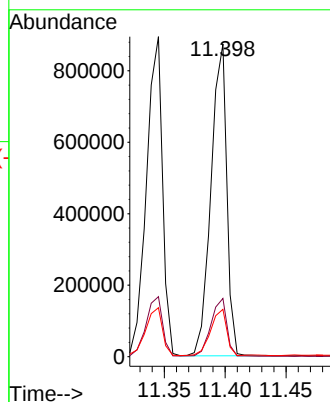
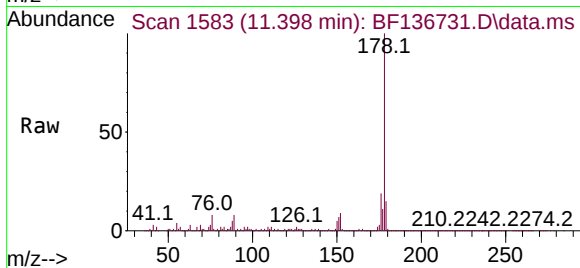
Tgt Ion:178 Resp: 786791

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.2 11.8 17.6



#73

Carbazole

Concen: 43.130 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

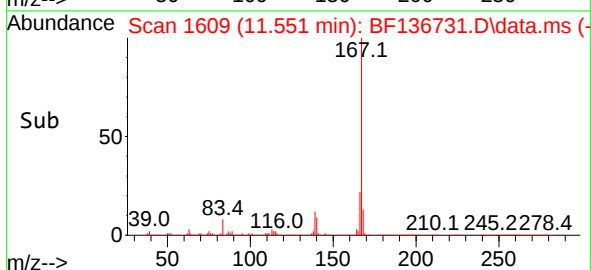
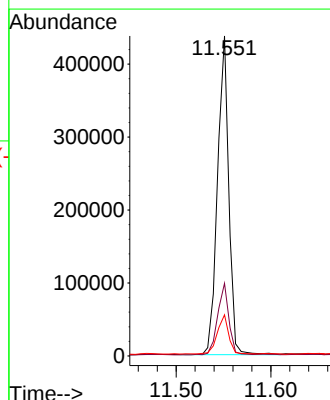
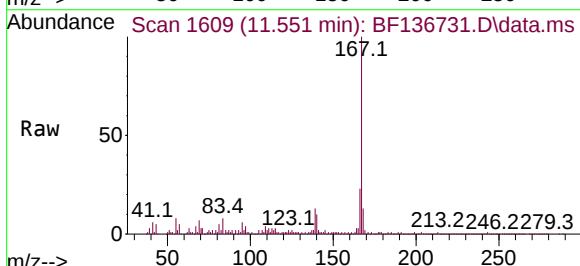
Tgt Ion:167 Resp: 360471

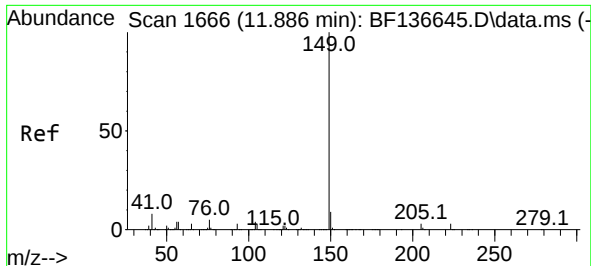
Ion Ratio Lower Upper

167 100

166 22.7 17.3 25.9

139 12.8 9.8 14.6

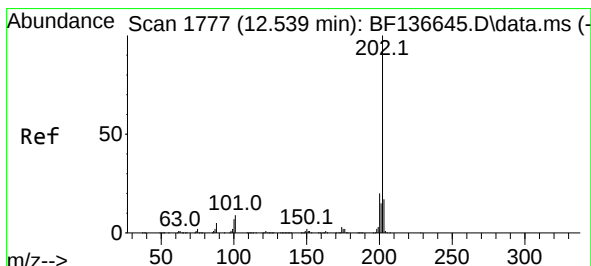
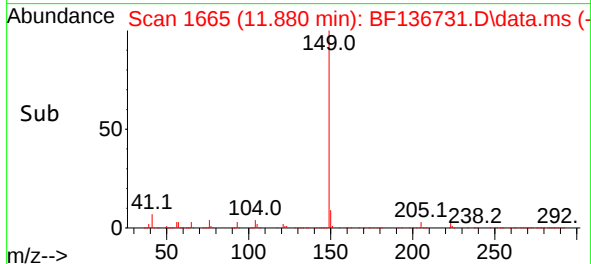
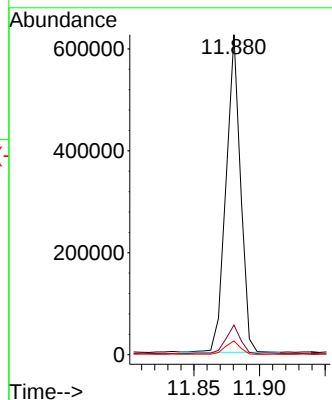
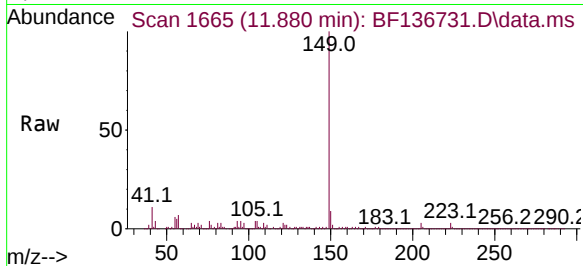




#74  
Di-n-butylphthalate  
Concen: 46.803 ng  
RT: 11.880 min Scan# 1666  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

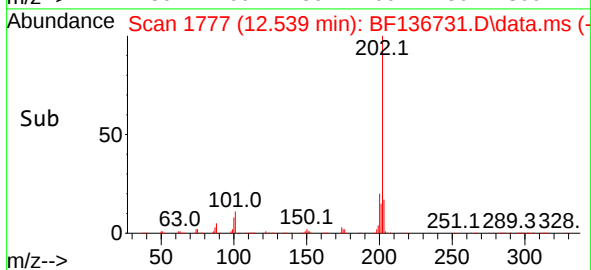
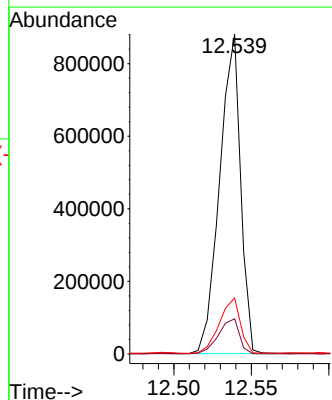
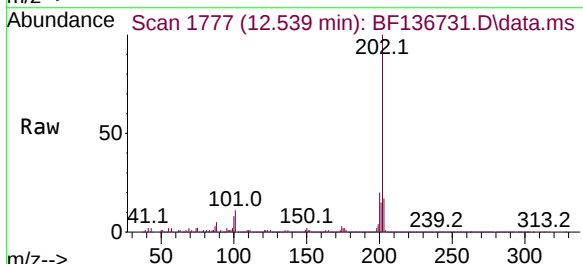
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

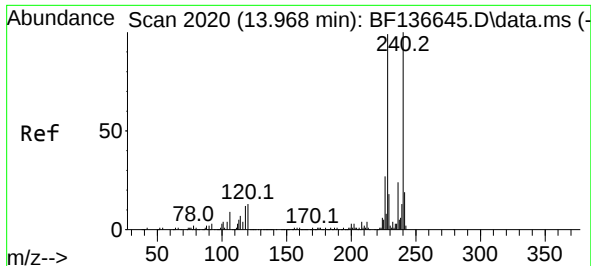
Tgt Ion:149 Resp: 477320  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 4.3 3.6 5.4



#75  
Fluoranthene  
Concen: 88.133 ng  
RT: 12.539 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:202 Resp: 825184  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 29.3  
203 17.5 0.0 37.1

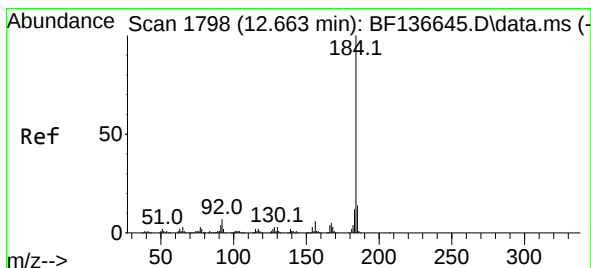
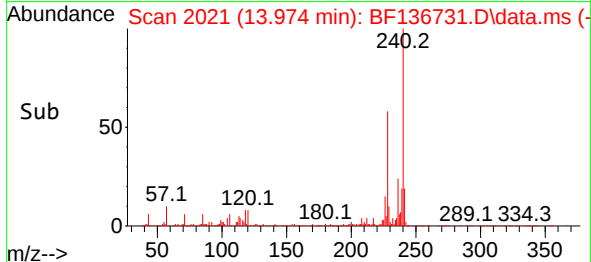
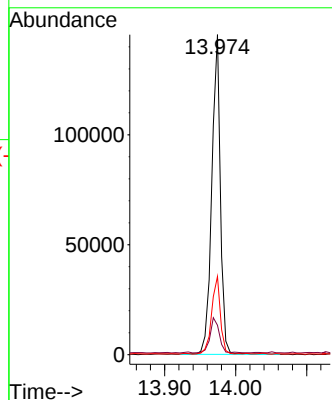
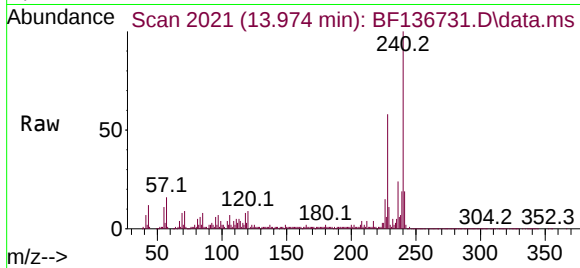




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

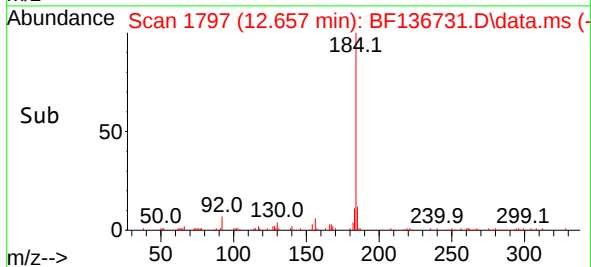
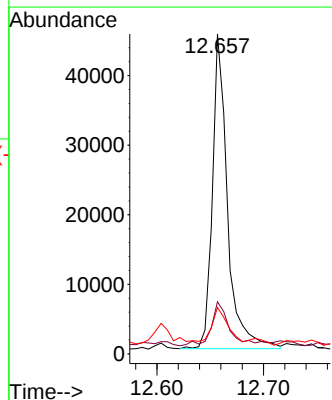
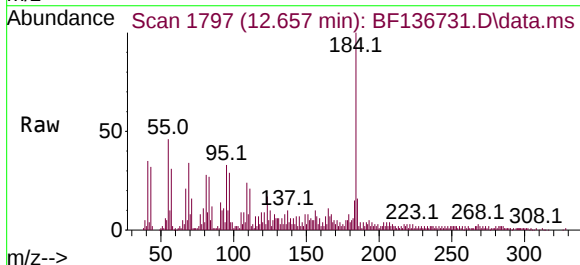
Instrument :  
BNA\_F  
ClientSampleId :  
RT-SB-03-9.5-10.5MSD

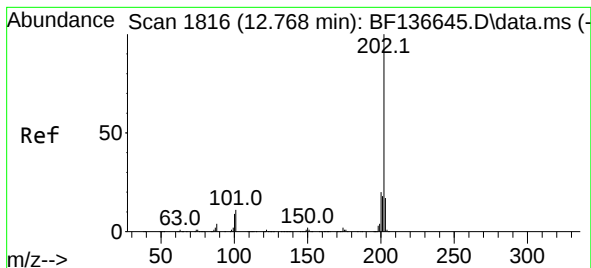
Tgt Ion:240 Resp: 122742  
Ion Ratio Lower Upper  
240 100  
120 9.2 10.3 15.5#  
236 24.5 19.4 29.2



#77  
Benzidine  
Concen: 12.273 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BF136731.D  
Acq: 26 Dec 2023 21:34

Tgt Ion:184 Resp: 44417  
Ion Ratio Lower Upper  
184 100  
185 16.3 11.2 16.8  
183 14.5 9.3 13.9#





#78

Pyrene

Concen: 69.840 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

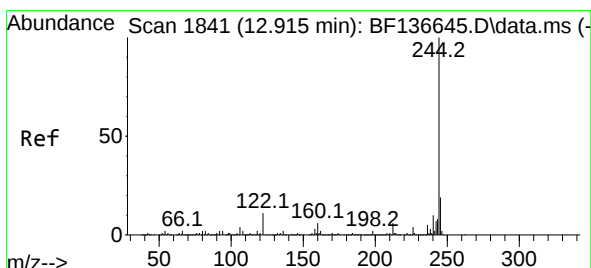
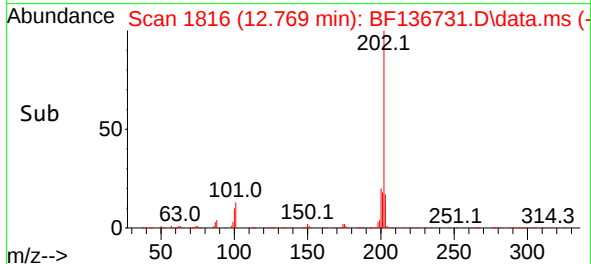
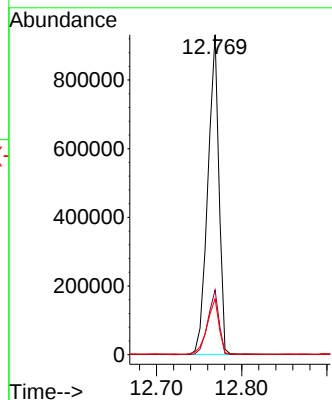
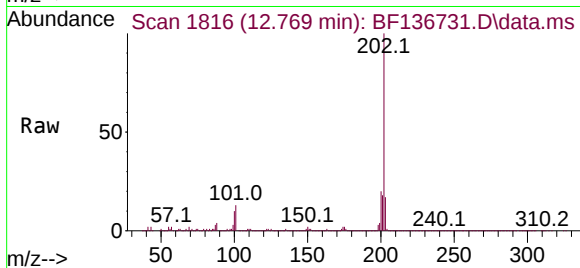
Tgt Ion:202 Resp: 841521

Ion Ratio Lower Upper

202 100

200 20.3 15.9 23.9

203 17.5 13.8 20.6



#79

Terphenyl-d14

Concen: 36.436 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

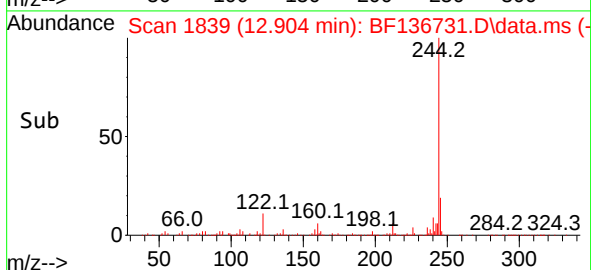
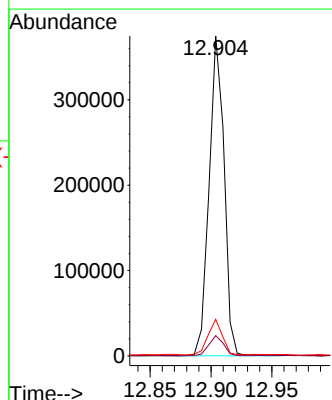
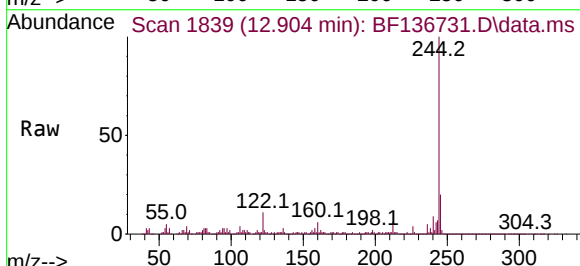
Tgt Ion:244 Resp: 320021

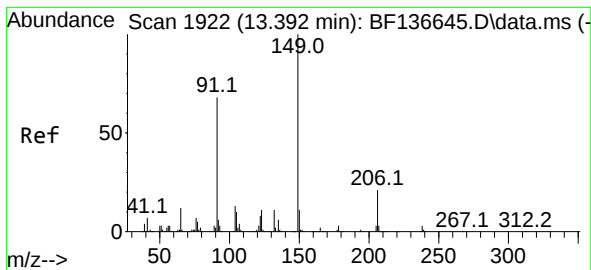
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.5 9.0 13.4





#80

Butylbenzylphthalate

Concen: 41.084 ng

RT: 13.386 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

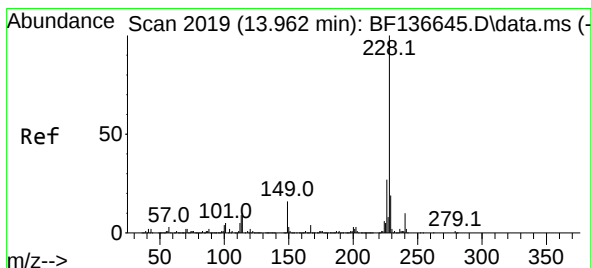
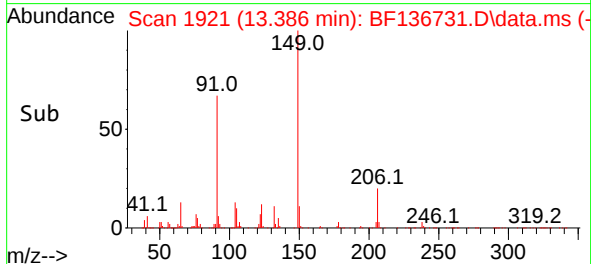
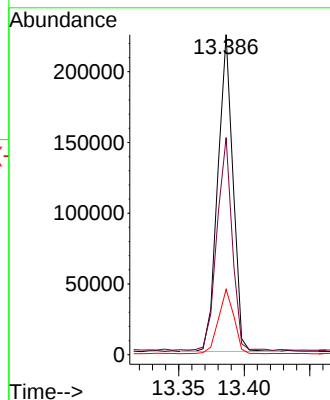
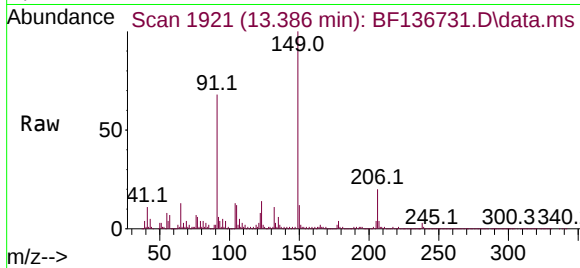
Tgt Ion:149 Resp: 180126

Ion Ratio Lower Upper

149 100

91 67.8 54.1 81.1

206 20.4 17.1 25.7



#81

Benzo(a)anthracene

Concen: 93.881 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

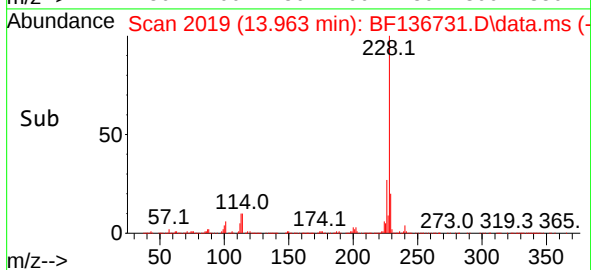
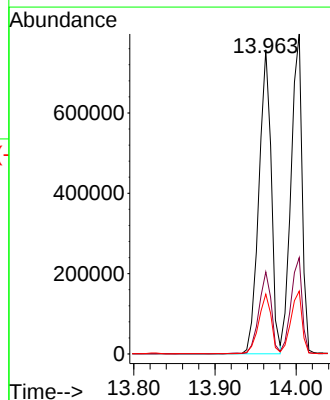
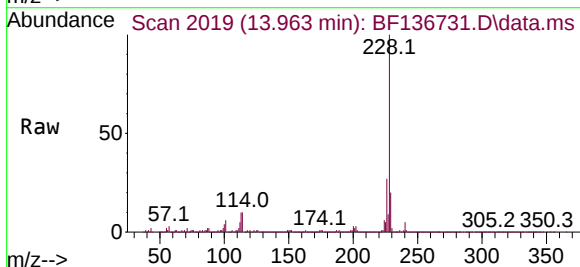
Tgt Ion:228 Resp: 800151

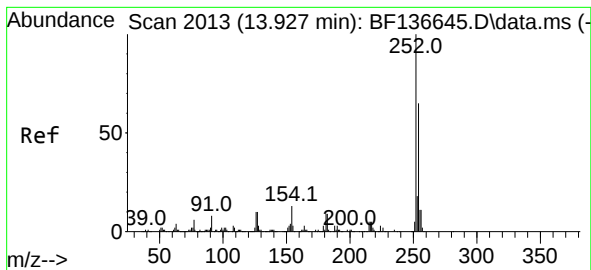
Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.7 14.9 22.3

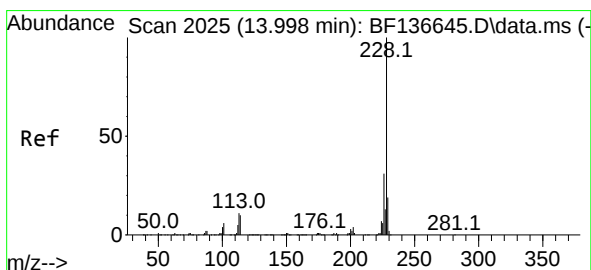
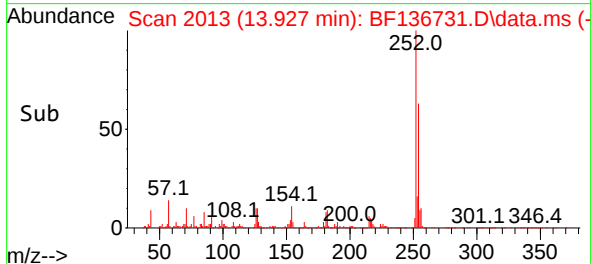
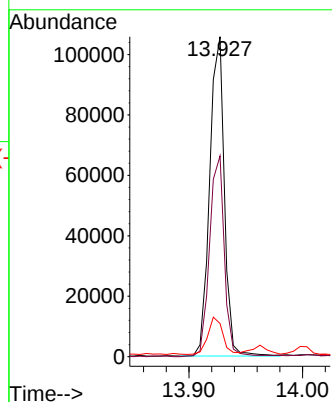
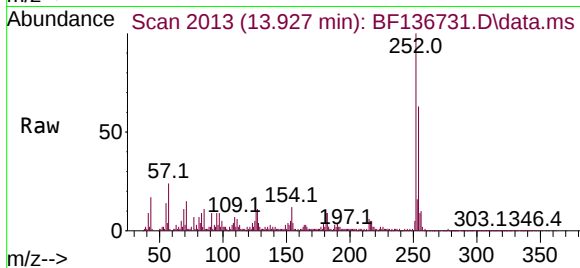




#82  
 3,3'-Dichlorobenzidine  
 Concen: 39.161 ng  
 RT: 13.927 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: BF136731.D  
 Acq: 26 Dec 2023 21:34

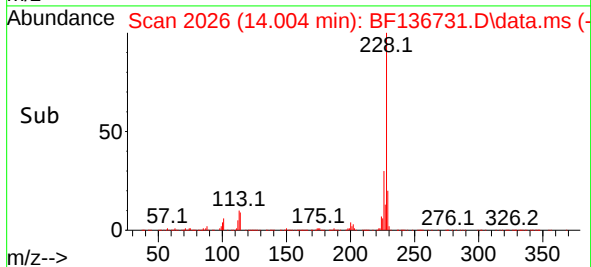
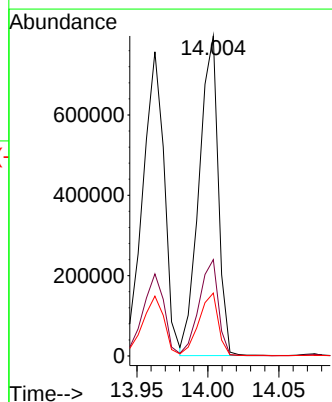
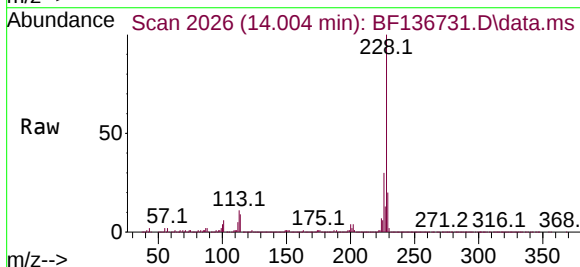
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-SB-03-9.5-10.5MSD

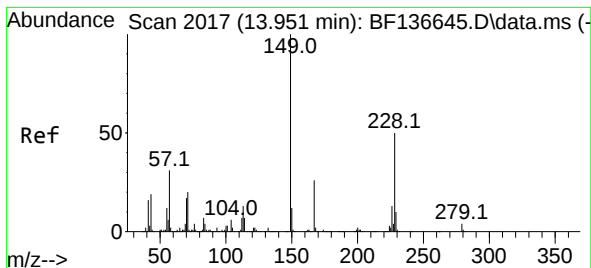
Tgt Ion:252 Resp: 94788  
 Ion Ratio Lower Upper  
 252 100  
 254 62.8 52.2 78.4  
 126 10.4 8.0 12.0



#83  
 Chrysene  
 Concen: 89.864 ng  
 RT: 14.004 min Scan# 2026  
 Delta R.T. 0.006 min  
 Lab File: BF136731.D  
 Acq: 26 Dec 2023 21:34

Tgt Ion:228 Resp: 748991  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 24.7 37.1  
 229 19.6 15.4 23.0

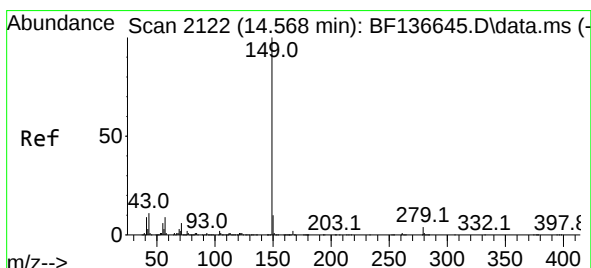
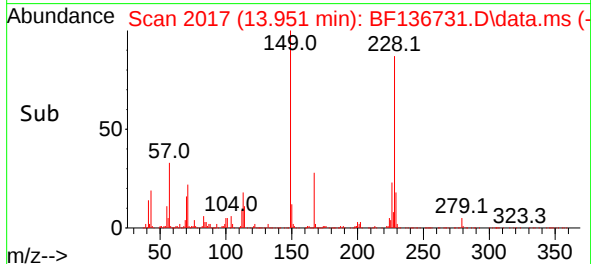
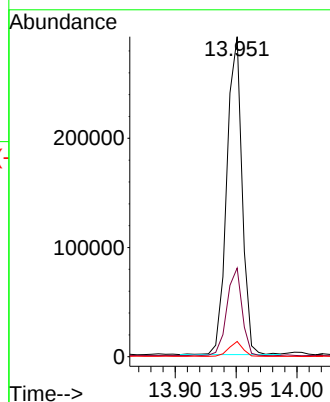
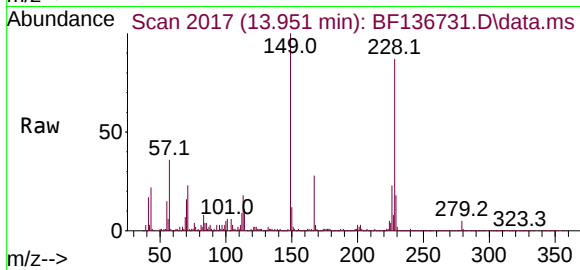




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.952 ng  
 RT: 13.951 min Scan# 2017  
 Delta R.T. 0.000 min  
 Lab File: BF136731.D  
 Acq: 26 Dec 2023 21:34

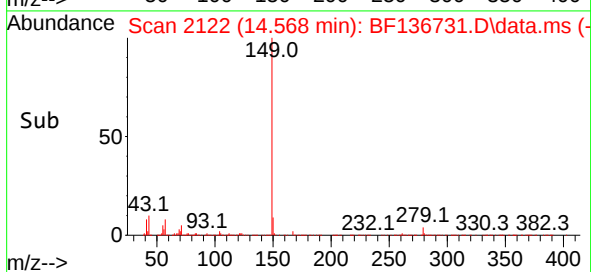
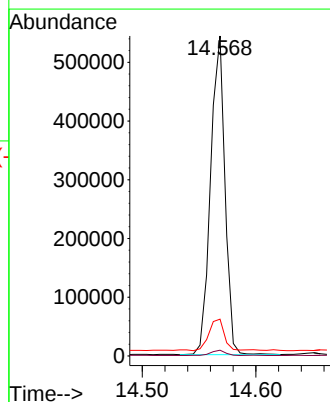
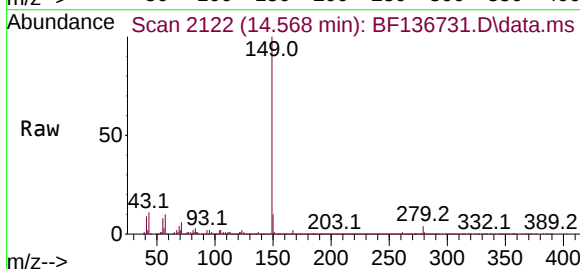
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-SB-03-9.5-10.5MSD

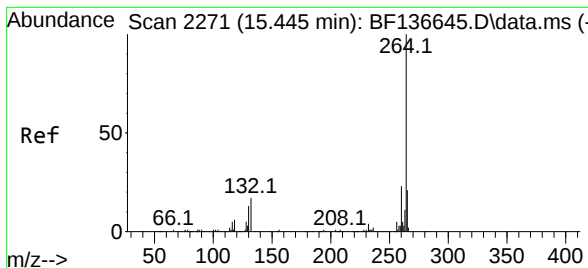
Tgt Ion:149 Resp: 253484  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 20.9 31.3  
 279 4.8 2.9 4.3#



#85  
 Di-n-octyl phthalate  
 Concen: 55.851 ng  
 RT: 14.568 min Scan# 2122  
 Delta R.T. 0.000 min  
 Lab File: BF136731.D  
 Acq: 26 Dec 2023 21:34

Tgt Ion:149 Resp: 476569  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 10.7 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

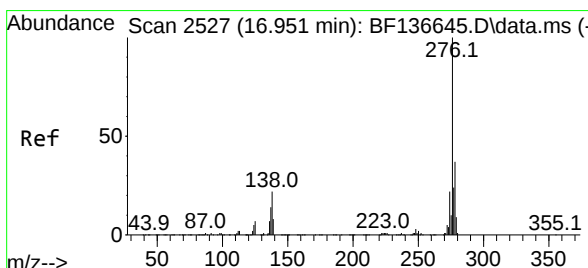
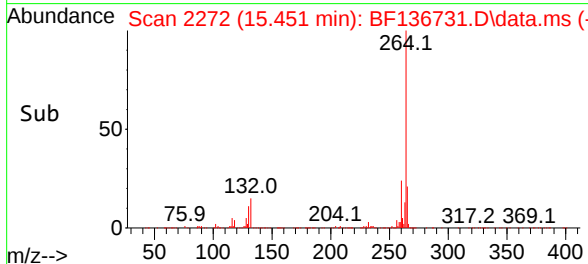
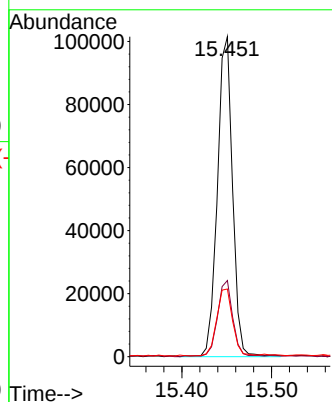
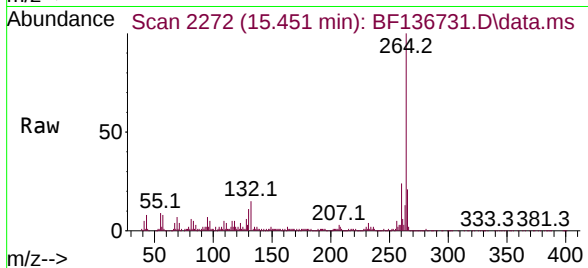
Tgt Ion:264 Resp: 118946

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.2 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 65.733 ng

RT: 16.957 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

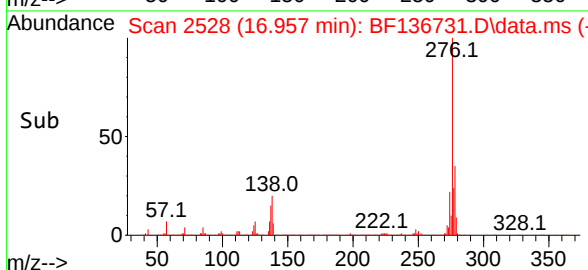
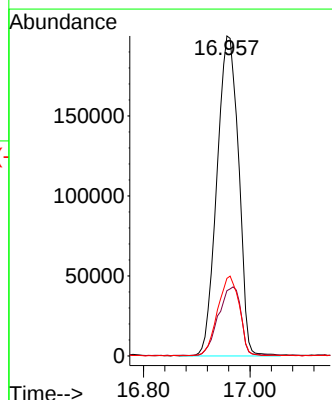
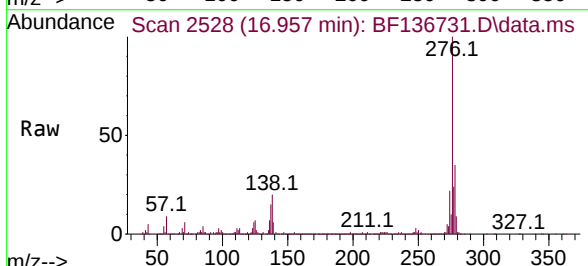
Tgt Ion:276 Resp: 564516

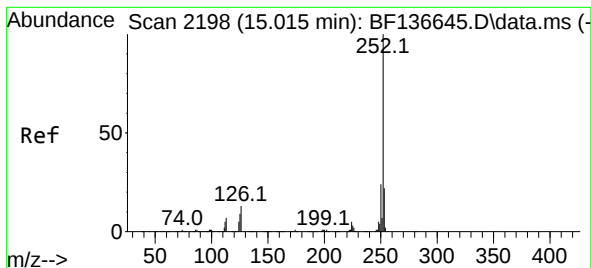
Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

277 24.8 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 103.026 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

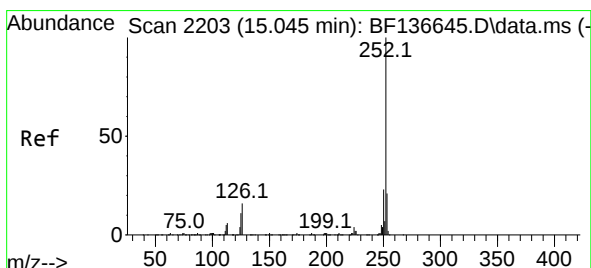
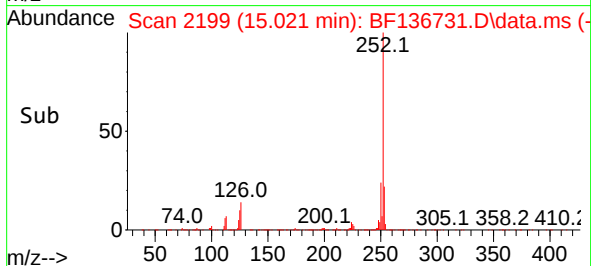
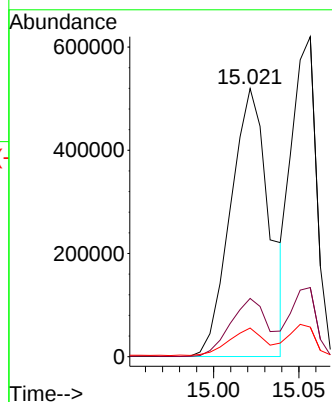
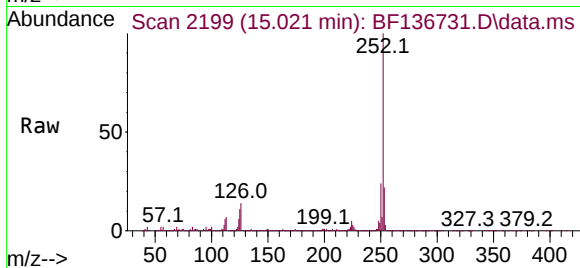
Tgt Ion:252 Resp: 818492

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.7 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 83.583 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

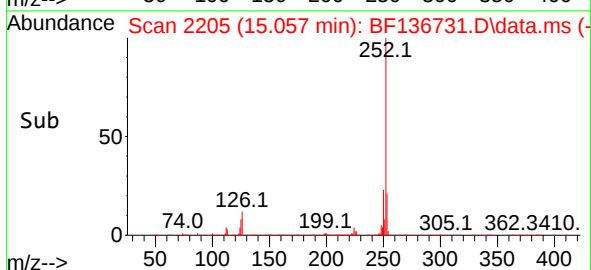
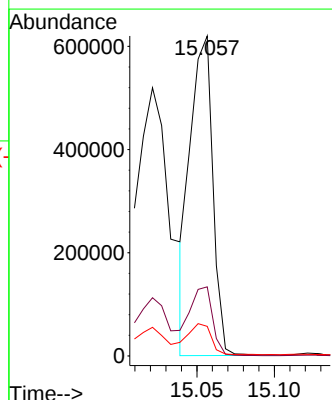
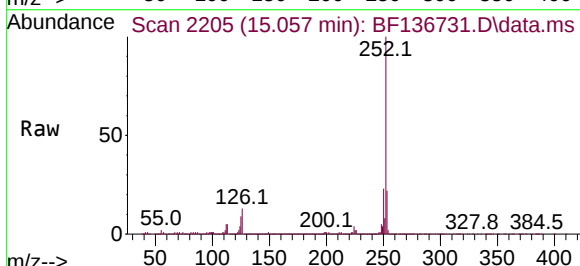
Tgt Ion:252 Resp: 627442

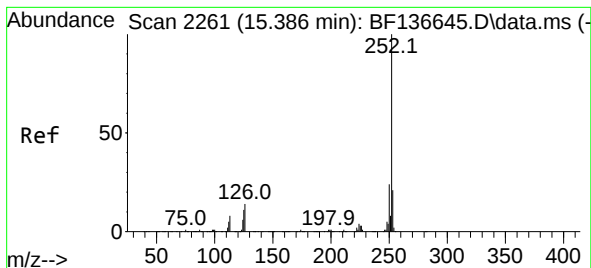
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 9.3 8.2 12.4





#90

Benzo(a)pyrene

Concen: 91.829 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD

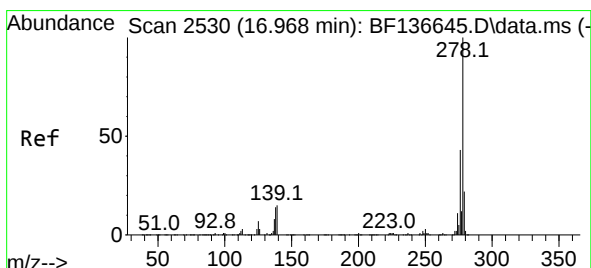
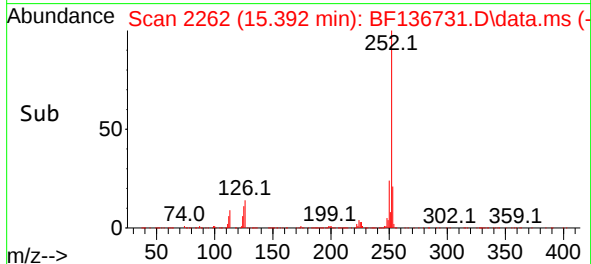
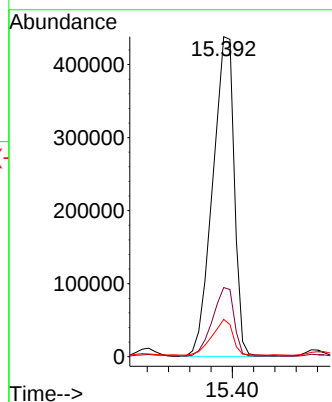
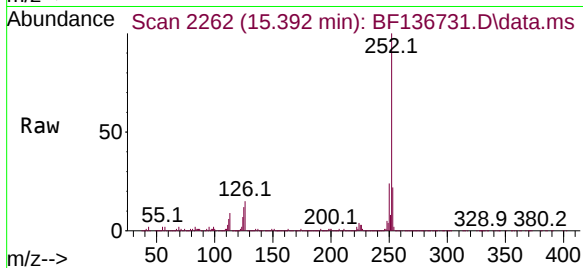
Tgt Ion:252 Resp: 615807

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.6 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 65.613 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.012 min

Lab File: BF136731.D

Acq: 26 Dec 2023 21:34

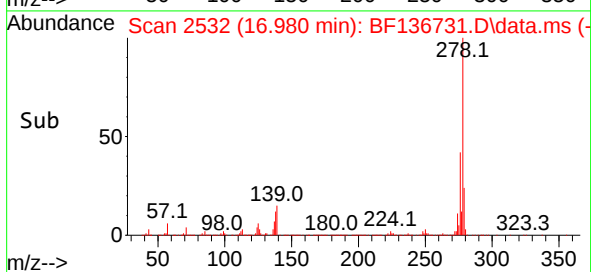
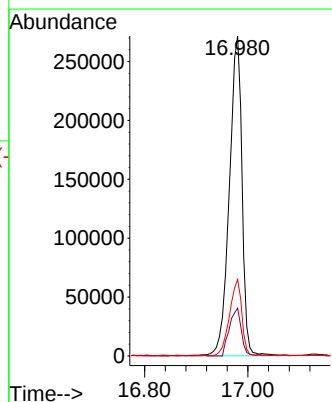
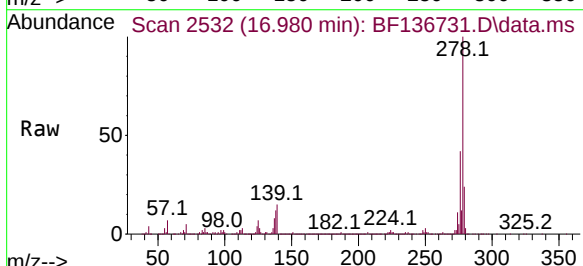
Tgt Ion:278 Resp: 462284

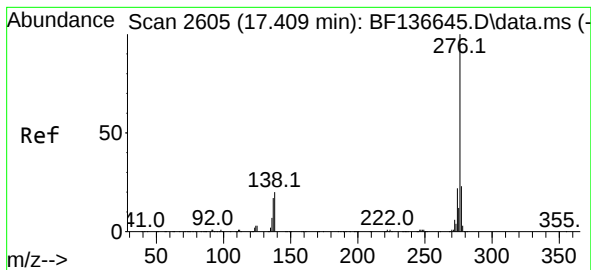
Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

279 23.9 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 59.030 ng

RT: 17.415 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136731.D

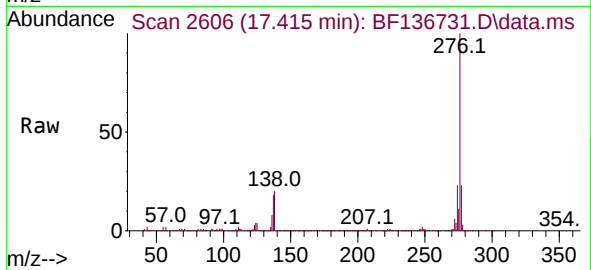
Acq: 26 Dec 2023 21:34

Instrument :

BNA\_F

ClientSampleId :

RT-SB-03-9.5-10.5MSD



Tgt Ion:276 Resp: 425977

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.9 15.6 23.4

