

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102523\  
 Data File : BF135948.D  
 Acq On : 25 Oct 2023 18:53  
 Operator : CG\JU  
 Sample : PB156138BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 26 04:31:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 174127   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 682507   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 343644   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 639795   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.009 | 240  | 396864   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.486 | 264  | 369357   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 1487122  | 131.879 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.463  | 99   | 1848086  | 131.642 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 1037438  | 96.644  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 489641   | 162.785 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1883026  | 87.742  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 2316356  | 97.517  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.716  | 88   | 186303   | 35.566  | ng    | 99       |
| 3) Pyridine                   | 3.463  | 79   | 497265   | 34.394  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.428  | 42   | 272986   | 43.302  | ng    | 96       |
| 6) Aniline                    | 6.486  | 93   | 643874   | 34.061  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 565510   | 48.443  | ng    | 97       |
| 9) Benzaldehyde               | 6.369  | 77   | 89995    | 11.850  | ng    | 96       |
| 10) Phenol                    | 6.475  | 94   | 695290   | 47.374  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 521900   | 45.685  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 567995   | 45.808  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.839  | 146  | 575833   | 46.240  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.992  | 146  | 545721   | 47.191  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 429777   | 43.306  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 753010   | 44.759  | ng    | 100      |
| 17) 2-Methylphenol            | 7.075  | 107  | 437140   | 42.487  | ng    | 99       |
| 18) Hexachloroethane          | 7.333  | 117  | 202593   | 47.844  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 354146   | 44.361  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 532811   | 42.908  | ng    | 96       |
| 22) Acetophenone              | 7.239  | 105  | 715698   | 46.429  | ng    | # 90     |
| 24) Nitrobenzene              | 7.410  | 77   | 537290   | 47.562  | ng    | 99       |
| 25) Isophorone                | 7.645  | 82   | 984015   | 45.612  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 234519   | 55.276  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 427599   | 43.489  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 607490   | 45.856  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 432456   | 49.117  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 471303   | 47.277  | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1492666  | 45.236  | ng    | 100      |
| 32) Benzoic acid              | 7.886  | 122  | 295626   | 56.464  | ng    | 90       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 317097   | 21.742  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 261395   | 46.521  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 97456    | 33.262  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 460468   | 49.213  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 945389   | 43.302  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 928410   | 45.510  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 435786   | 44.899  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 487247   | 101.811 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 290394   | 51.119  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102523\  
 Data File : BF135948.D  
 Acq On : 25 Oct 2023 18:53  
 Operator : CG\JU  
 Sample : PB156138BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

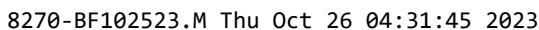
Instrument :  
 BNA\_M  
 ClientSampleId :

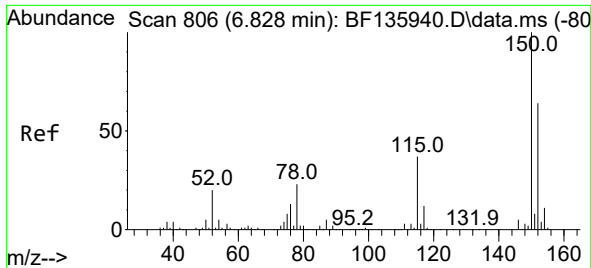
Quant Time: Oct 26 04:31:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 326872   | 48.463 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1184775  | 45.500 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 913001   | 47.404 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 273794   | 51.245 | ng    | 98       |
| 49) Acenaphthylene            | 9.727  | 152  | 1463691  | 48.172 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 1025827  | 46.032 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 230005   | 49.603 | ng    | # 84     |
| 52) Acenaphthene              | 9.898  | 154  | 896229   | 46.025 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 195666   | 36.592 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 185469   | 92.712 | ng    | 96       |
| 55) Dibenzofuran              | 10.069 | 168  | 1293045  | 45.965 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.974  | 139  | 448772   | 98.291 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 307830   | 53.120 | ng    | 92       |
| 58) Fluorene                  | 10.416 | 166  | 963015   | 45.757 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 280530   | 55.272 | ng    | 99       |
| 60) Diethylphthalate          | 10.298 | 149  | 992129   | 46.687 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 455476   | 44.865 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 262500   | 47.960 | ng    | 94       |
| 63) Azobenzene                | 10.569 | 77   | 986700   | 45.753 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 122991   | 55.128 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 898793   | 46.502 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 306089   | 46.715 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 346808   | 49.549 | ng    | 99       |
| 69) Atrazine                  | 11.063 | 200  | 298011   | 56.559 | ng    | 99       |
| 70) Pentachlorophenol         | 11.157 | 266  | 401857   | 89.996 | ng    | 99       |
| 71) Phenanthrene              | 11.380 | 178  | 1533549  | 47.377 | ng    | 99       |
| 72) Anthracene                | 11.433 | 178  | 1543823  | 46.580 | ng    | 99       |
| 73) Carbazole                 | 11.586 | 167  | 1415837  | 47.888 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 1523740  | 48.433 | ng    | 100      |
| 75) Fluoranthene              | 12.574 | 202  | 1629007  | 47.837 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 415604   | 54.310 | ng    | 100      |
| 78) Pyrene                    | 12.804 | 202  | 1667935  | 50.055 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 626338   | 49.597 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 1346926  | 49.915 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 342740   | 41.748 | ng    | 99       |
| 83) Chrysene                  | 14.033 | 228  | 1259342  | 47.917 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 729176   | 53.215 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 1176217  | 54.491 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.998 | 276  | 1187166  | 56.683 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 1121288  | 51.011 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 1047473  | 48.520 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 967471   | 47.756 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 982018   | 54.817 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.456 | 276  | 964189   | 47.389 | ng    | 99       |

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

Quant Time: Oct 26 04:31:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 26 03:58:01 2023  
Response via : Initial Calibration

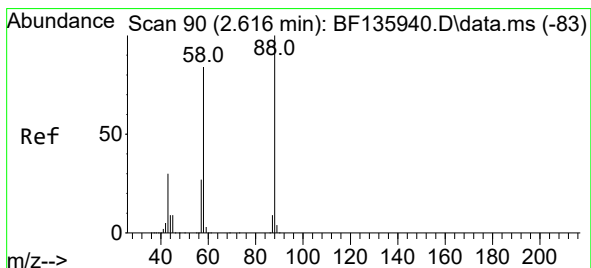
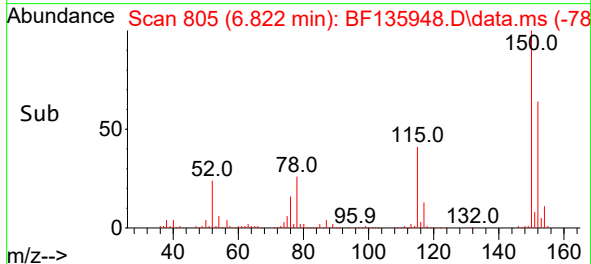
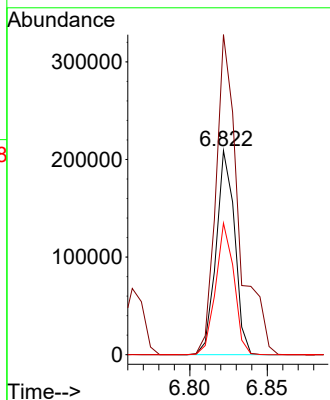
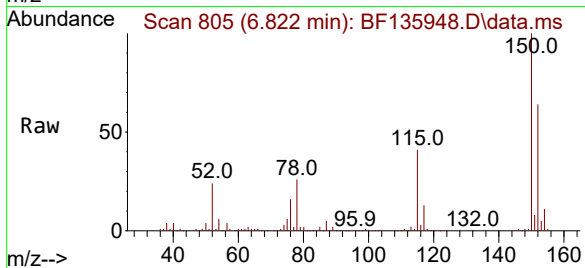




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

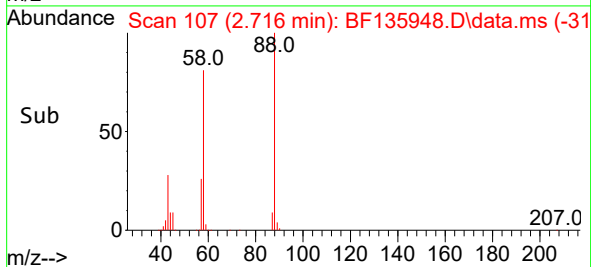
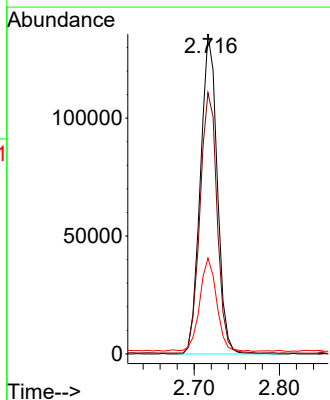
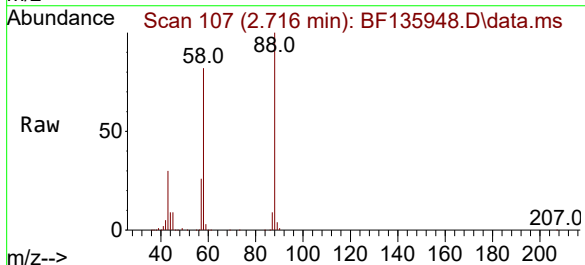
Instrument :  
BNA\_M  
ClientSampleId :

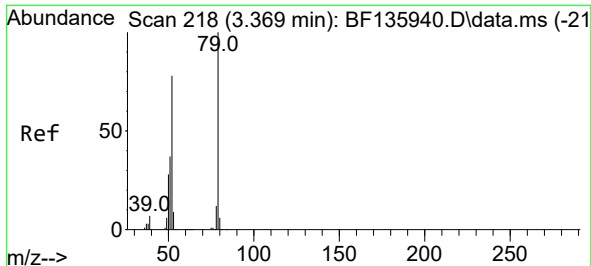
Tgt Ion:152 Resp: 174127  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.6 186.8  
115 64.5 46.6 69.8



#2  
1,4-Dioxane  
Concen: 35.566 ng  
RT: 2.716 min Scan# 107  
Delta R.T. 0.100 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion: 88 Resp: 186303  
Ion Ratio Lower Upper  
88 100  
58 82.6 66.6 100.0  
43 29.5 23.8 35.8

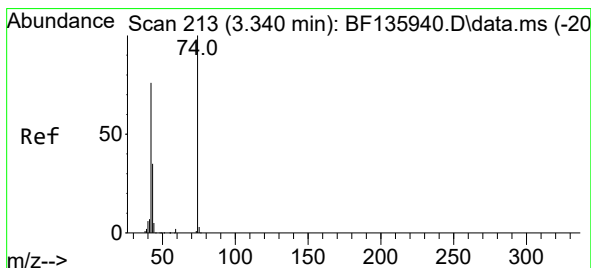
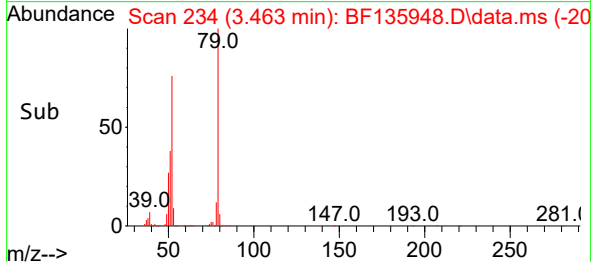
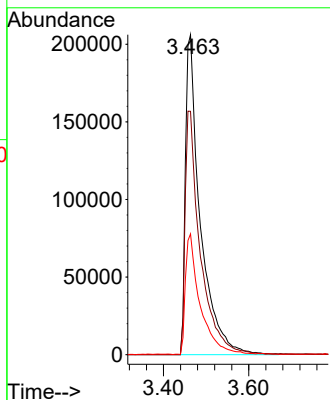
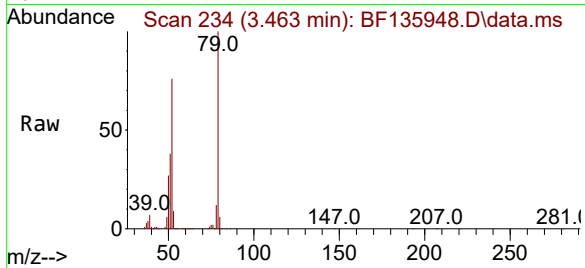




#3  
 Pyridine  
 Concen: 34.394 ng  
 RT: 3.463 min Scan# 218  
 Delta R.T. 0.094 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

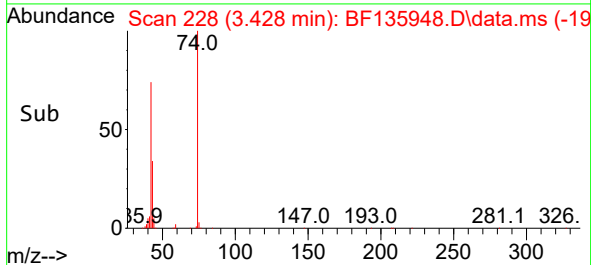
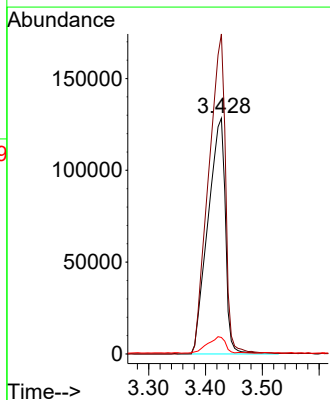
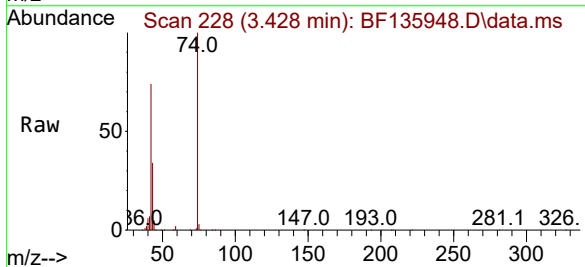
Instrument :  
 BNA\_M  
 ClientSampleId :

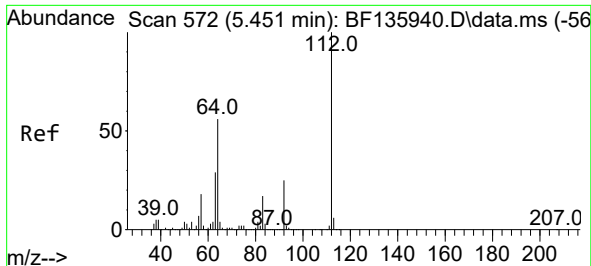
Tgt Ion: 79 Resp: 497265  
 Ion Ratio Lower Upper  
 79 100  
 52 76.1 62.6 93.8  
 51 37.8 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 43.302 ng  
 RT: 3.428 min Scan# 228  
 Delta R.T. 0.088 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

Tgt Ion: 42 Resp: 272986  
 Ion Ratio Lower Upper  
 42 100  
 74 135.8 104.8 157.2  
 44 7.0 5.9 8.9

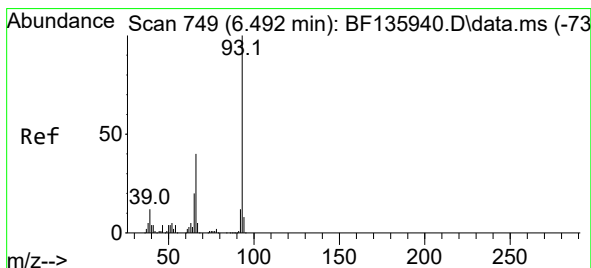
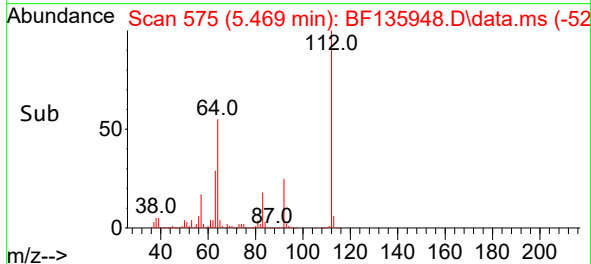
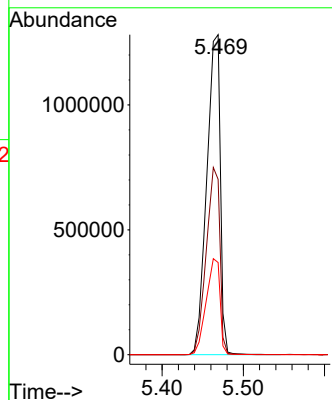
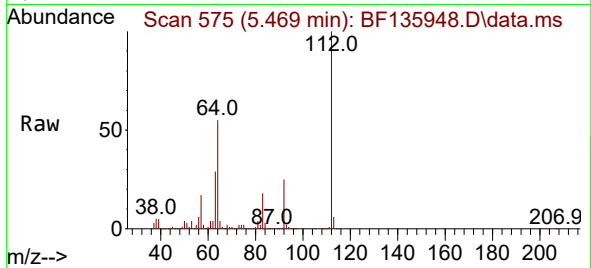




#5  
2-Fluorophenol  
Concen: 131.879 ng  
RT: 5.469 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

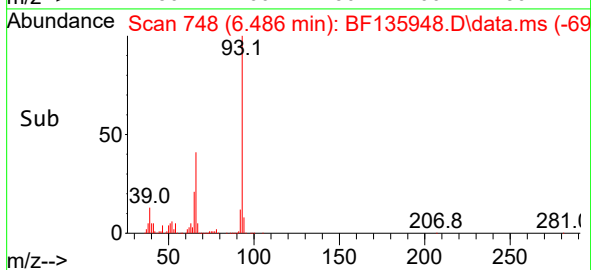
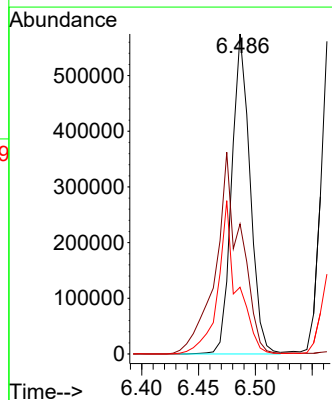
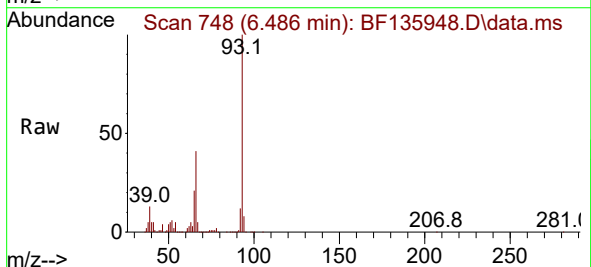
Instrument :  
BNA\_M  
ClientSampleId :

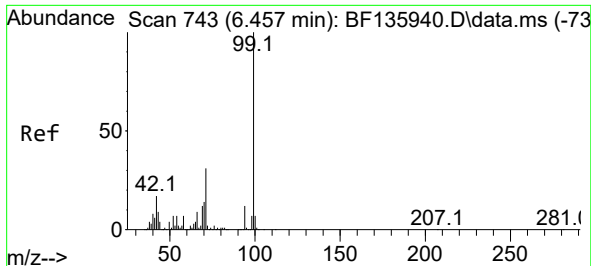
Tgt Ion:112 Resp: 1487122  
Ion Ratio Lower Upper  
112 100  
64 54.8 45.1 67.7  
63 28.8 23.0 34.4



#6  
Aniline  
Concen: 34.061 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion: 93 Resp: 643874  
Ion Ratio Lower Upper  
93 100  
66 40.6 32.0 48.0  
65 20.8 16.2 24.4

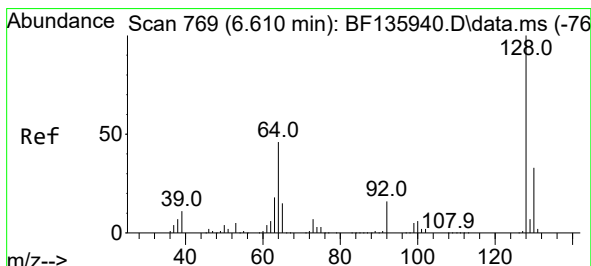
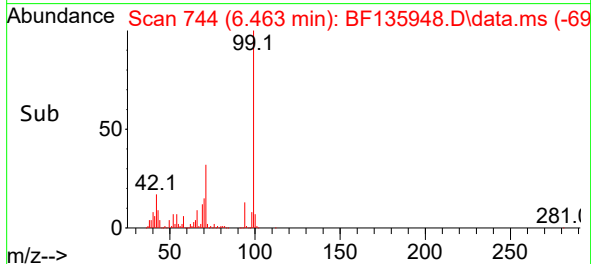
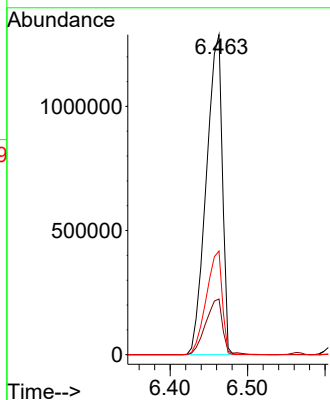
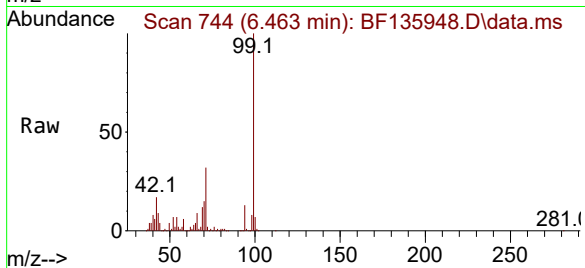




#7  
Phenol-d6  
Concen: 131.642 ng  
RT: 6.463 min Scan# 743  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

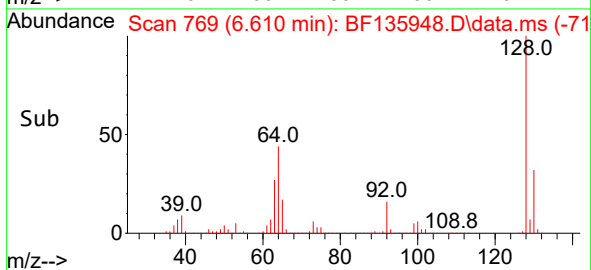
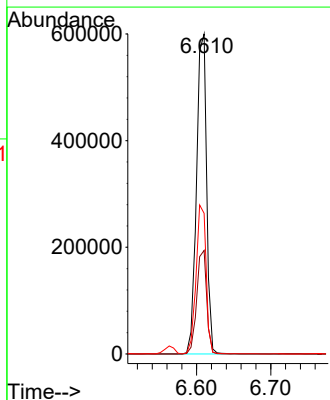
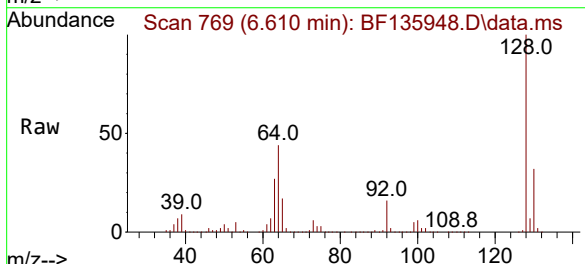
Instrument :  
BNA\_M  
ClientSampleId :

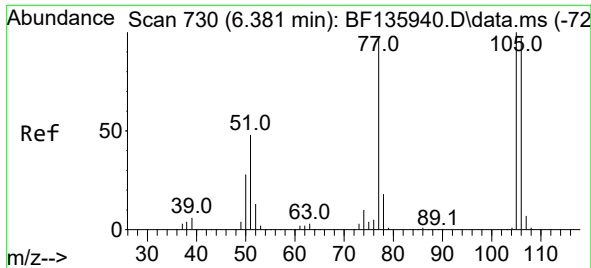
Tgt Ion: 99 Resp: 1848086  
Ion Ratio Lower Upper  
99 100  
42 17.4 13.8 20.8  
71 32.4 25.1 37.7



#8  
2-Chlorophenol  
Concen: 48.443 ng  
RT: 6.610 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:128 Resp: 565510  
Ion Ratio Lower Upper  
128 100  
130 32.4 13.1 53.1  
64 44.0 27.0 67.0





#9

Benzaldehyde

Concen: 11.850 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

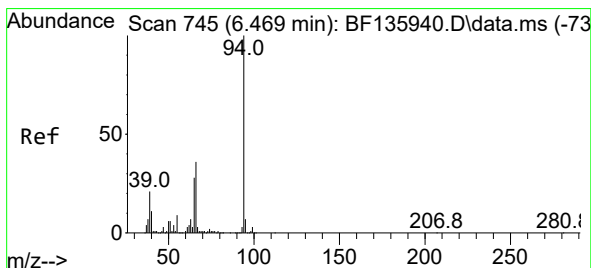
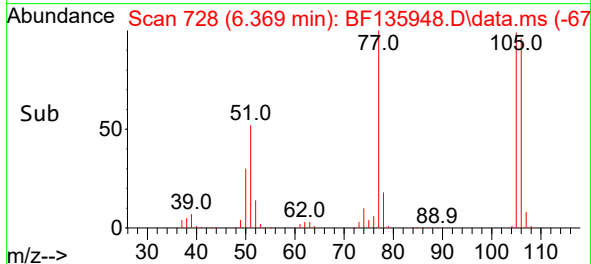
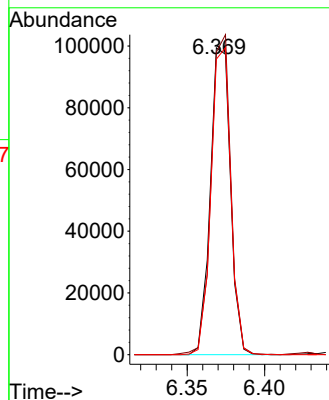
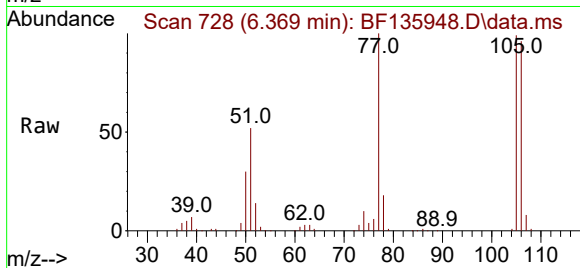
Tgt Ion: 77 Resp: 89995

Ion Ratio Lower Upper

77 100

105 98.6 83.2 123.2

106 96.3 80.0 120.0



#10

Phenol

Concen: 47.374 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

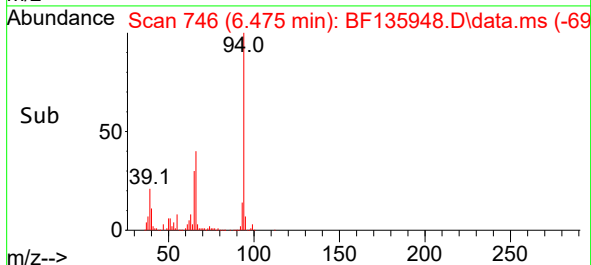
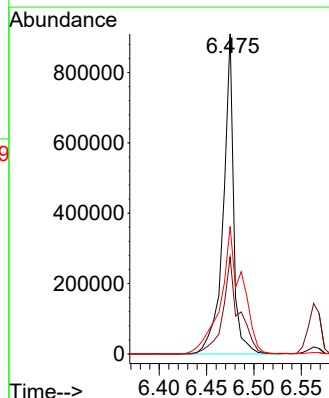
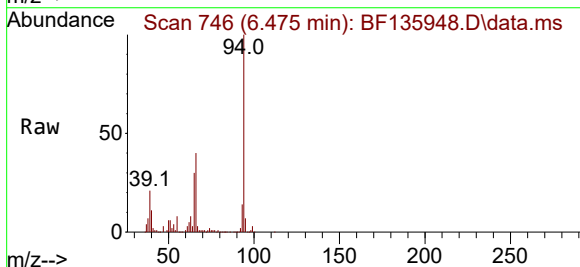
Tgt Ion: 94 Resp: 695290

Ion Ratio Lower Upper

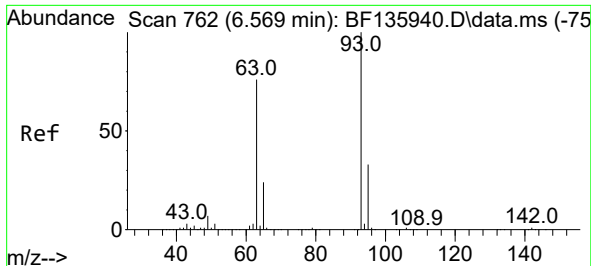
94 100

65 30.3 7.8 47.8

66 39.8 16.5 56.5







#11

bis(2-Chloroethyl)ether

Concen: 45.685 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

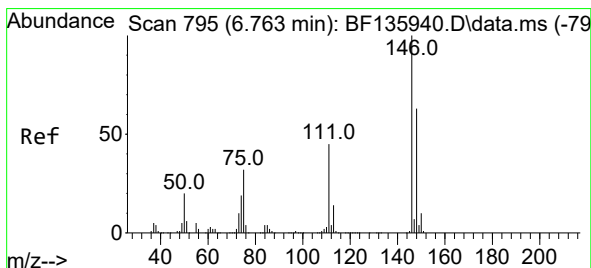
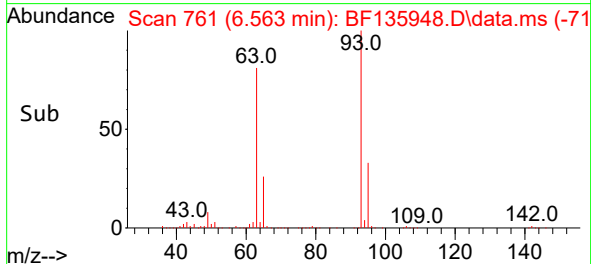
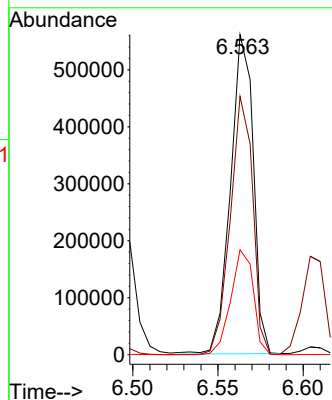
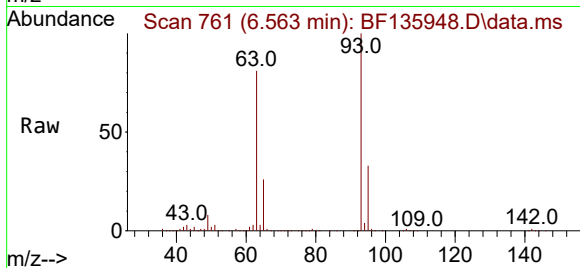
Tgt Ion: 93 Resp: 521900

Ion Ratio Lower Upper

93 100

63 80.7 56.2 96.2

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 45.808 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

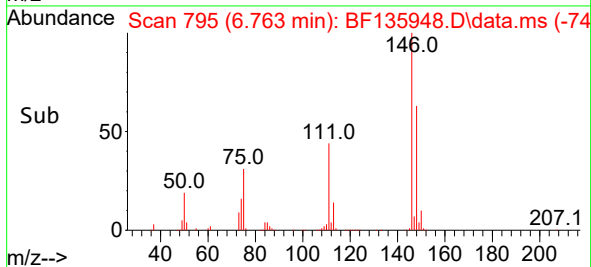
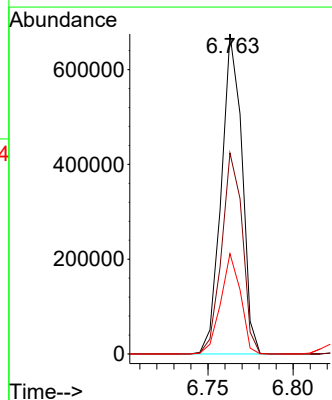
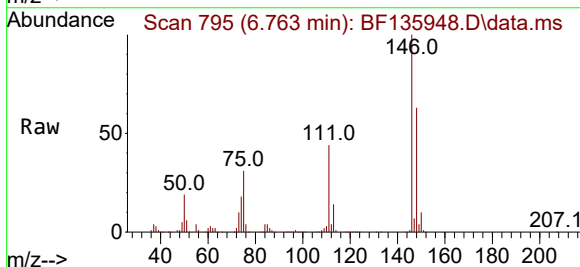
Tgt Ion:146 Resp: 567995

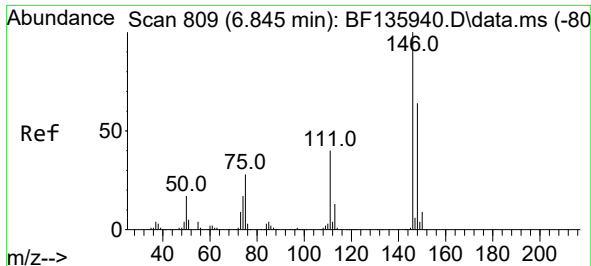
Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.4

75 31.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 46.240 ng

RT: 6.839 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

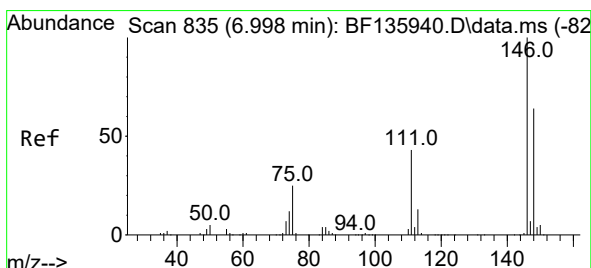
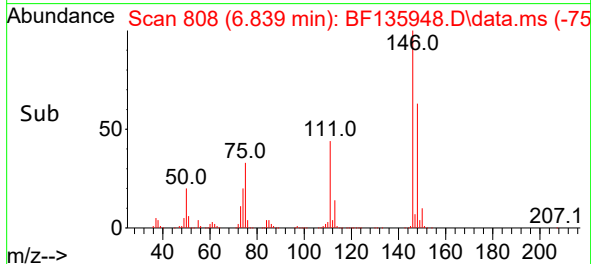
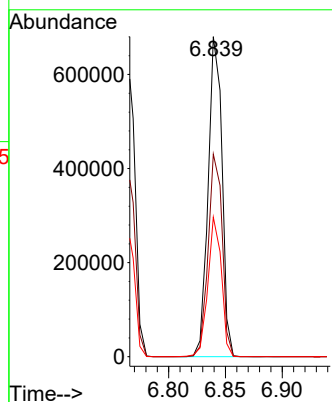
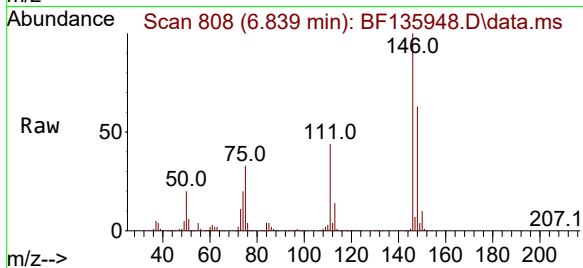
Tgt Ion:146 Resp: 575833

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

111 43.6 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 47.191 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

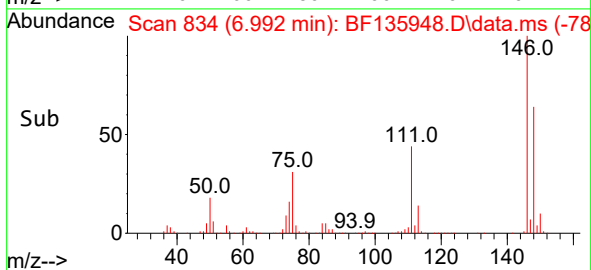
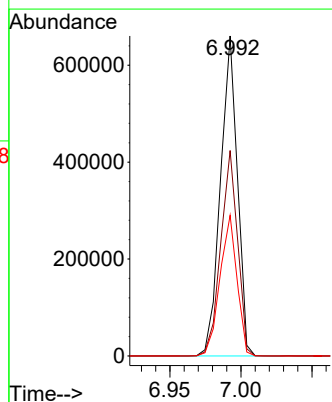
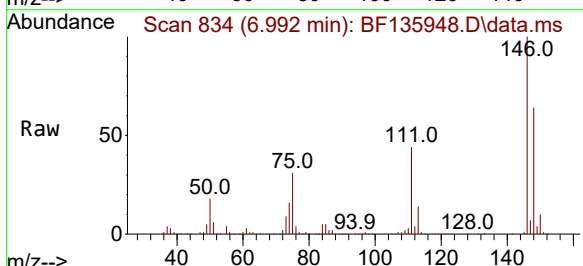
Tgt Ion:146 Resp: 545721

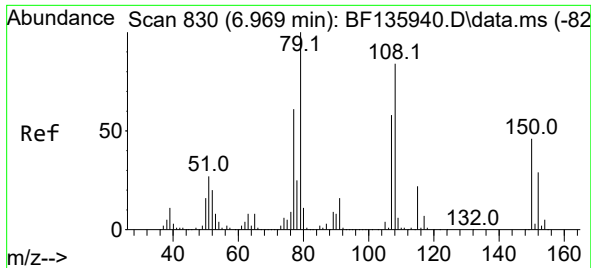
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.9 34.2 51.4

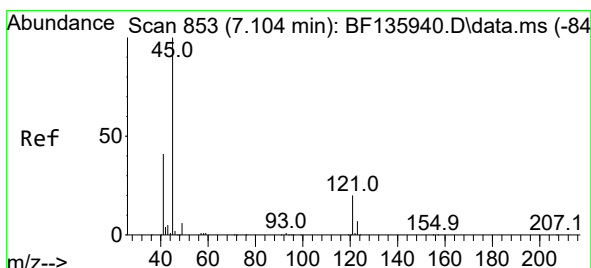
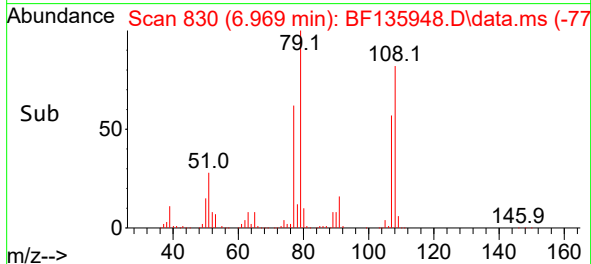
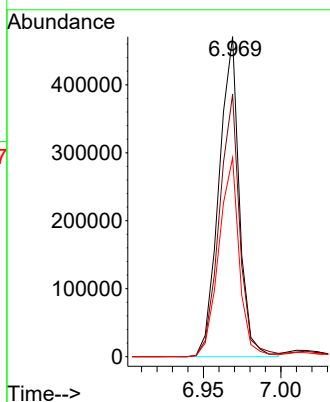
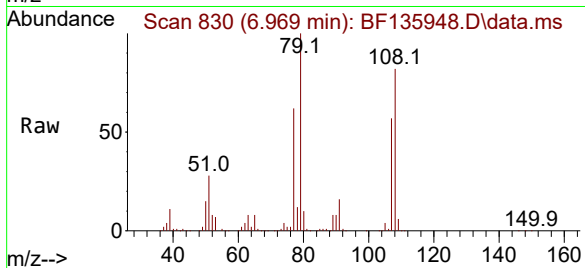




#15  
Benzyl Alcohol  
Concen: 43.306 ng  
RT: 6.969 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

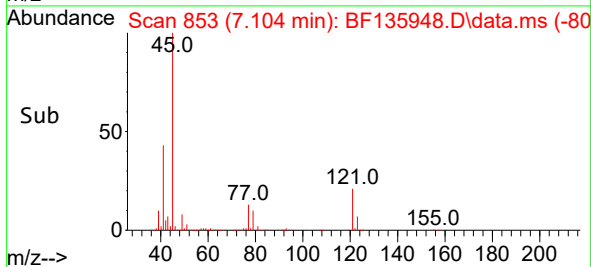
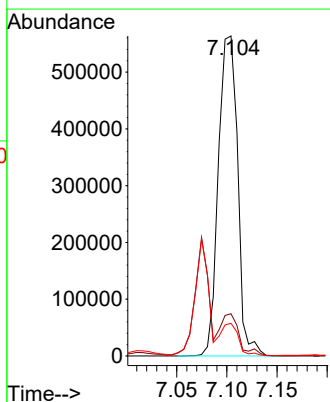
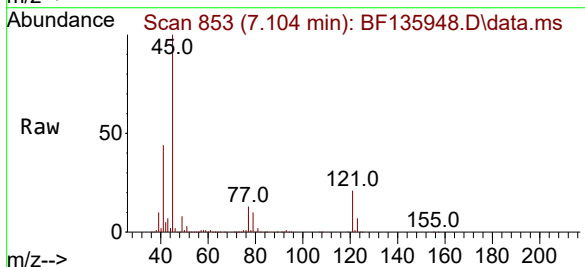
Instrument :  
BNA\_M  
ClientSampleId :

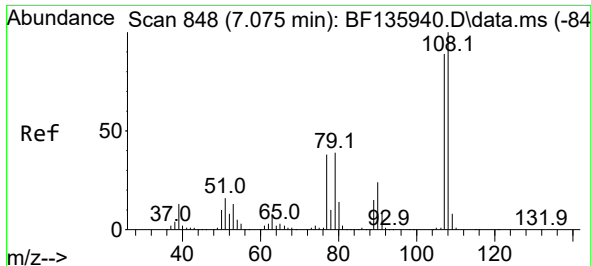
Tgt Ion: 79 Resp: 429777  
Ion Ratio Lower Upper  
79 100  
108 82.0 67.2 100.8  
77 62.2 49.0 73.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.759 ng  
RT: 7.104 min Scan# 853  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

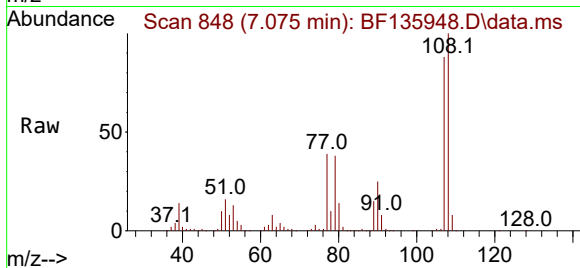
Tgt Ion: 45 Resp: 753010  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 33.2  
79 10.2 0.0 29.8



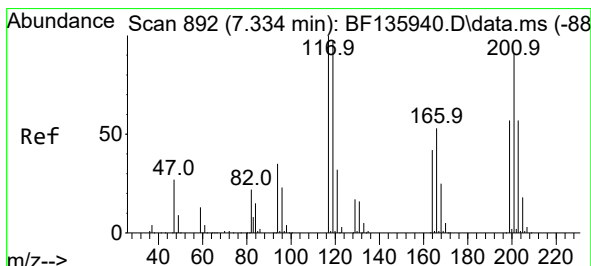
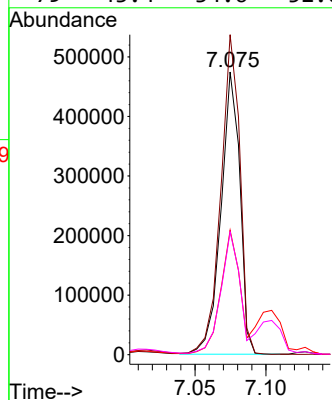
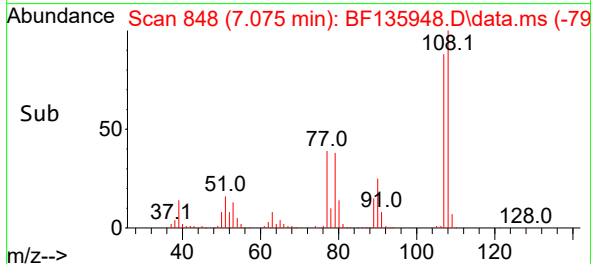


#17  
2-Methylphenol  
Concen: 42.487 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Instrument :  
BNA\_M  
ClientSampleId :

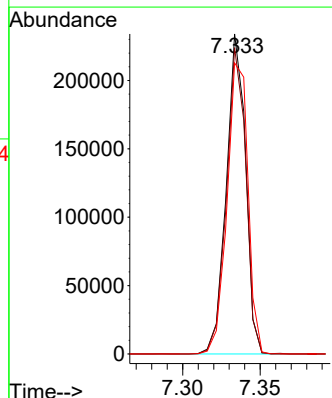
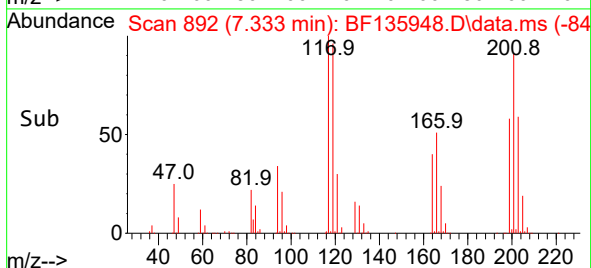
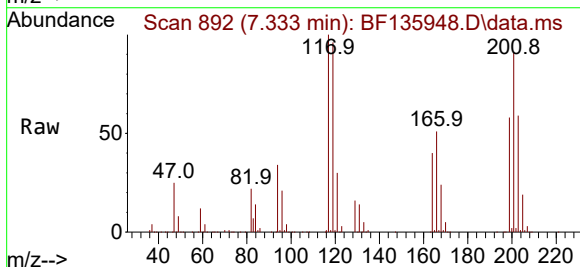


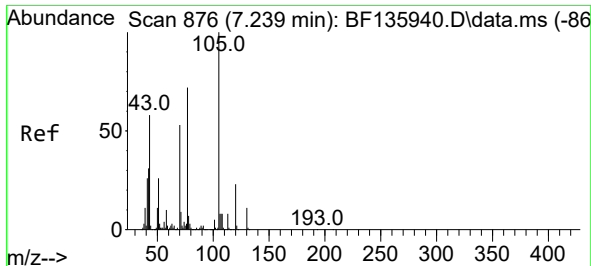
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 437140 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 89.8  | 134.6  |
| 77       | 44.0  | 34.2  | 51.2   |
| 79       | 43.4  | 34.6  | 52.0   |



#18  
Hexachloroethane  
Concen: 47.844 ng  
RT: 7.333 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

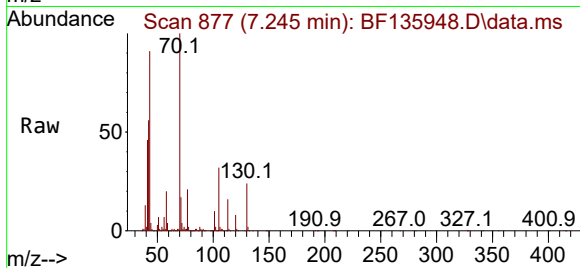
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 202593 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 77.3  | 115.9  |
| 201      | 91.0  | 72.8  | 109.2  |



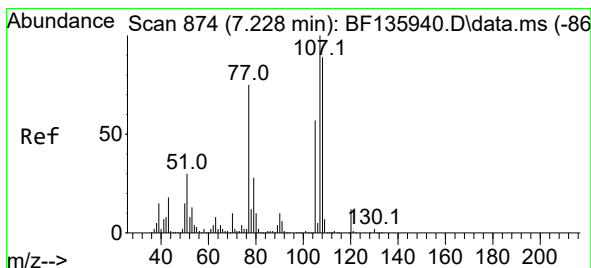
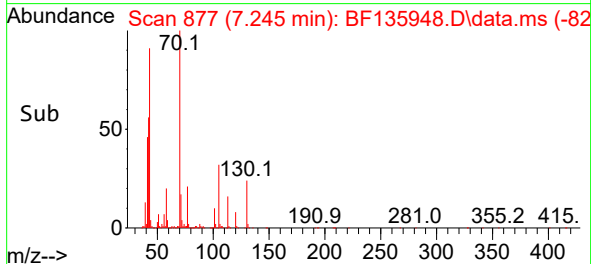
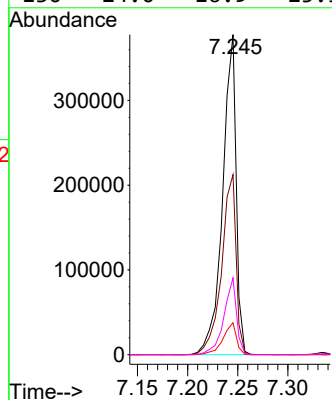


#19  
n-Nitroso-di-n-propylamine  
Concen: 44.361 ng  
RT: 7.245 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Instrument :  
BNA\_M  
ClientSampleId :

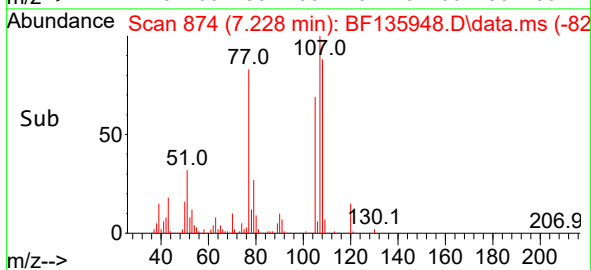
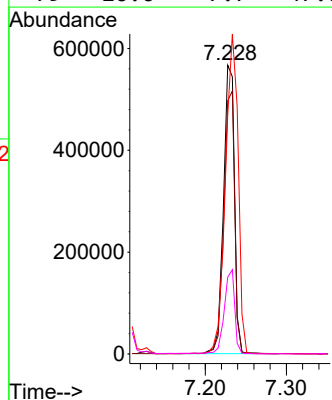
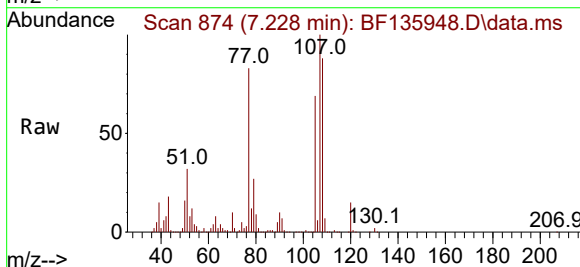


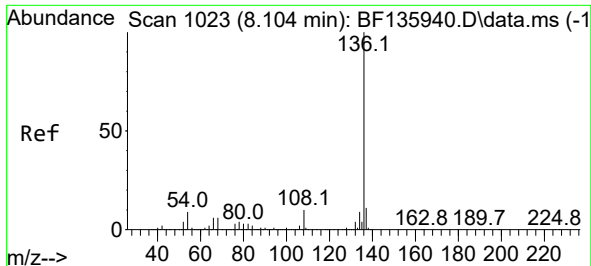
Tgt Ion: 70 Resp: 354146  
Ion Ratio Lower Upper  
70 100  
42 56.2 47.3 70.9  
101 10.0 7.8 11.8  
130 24.0 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 42.908 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

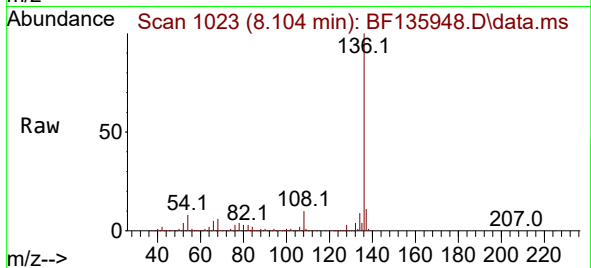
Tgt Ion: 107 Resp: 532811  
Ion Ratio Lower Upper  
107 100  
108 87.7 69.1 109.1  
77 82.6 55.0 95.0  
79 26.6 7.7 47.7



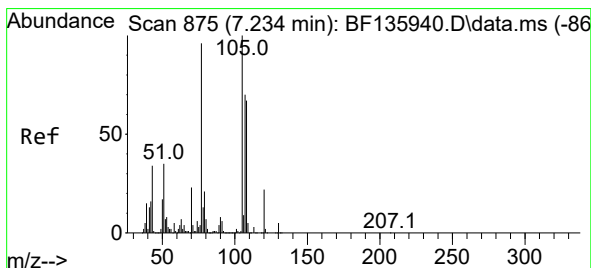
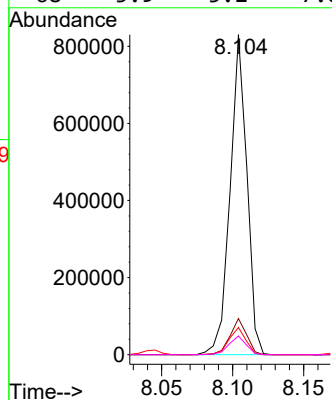
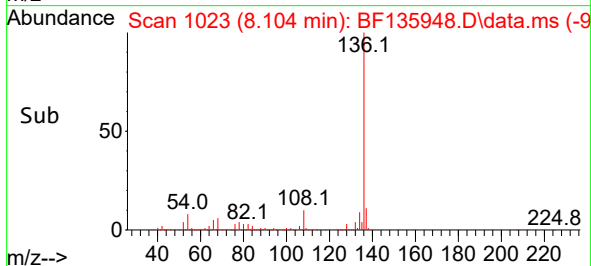


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

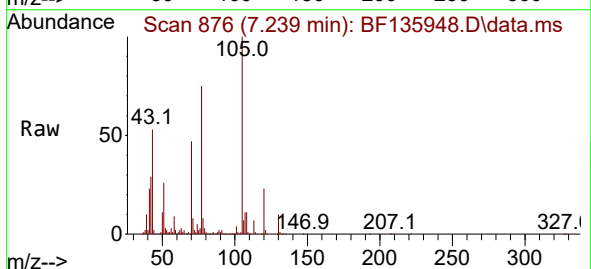
Instrument :  
BNA\_M  
ClientSampleId :



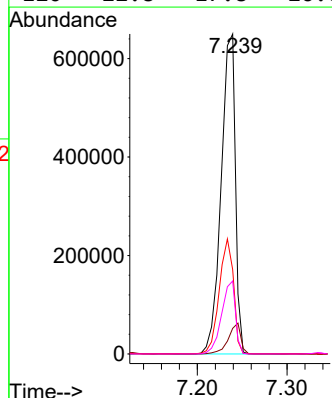
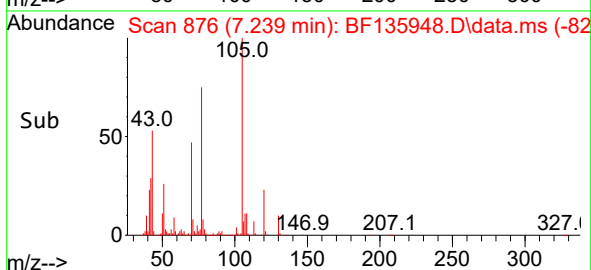
Tgt Ion:136 Resp: 682507  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.6  
54 8.5 7.1 10.7  
68 5.9 5.2 7.8

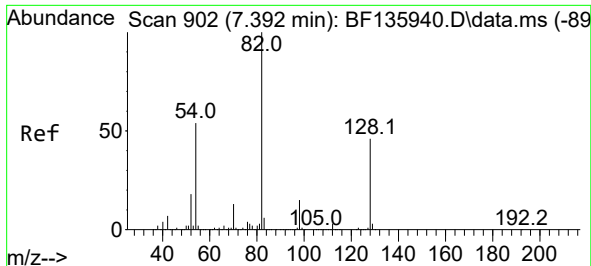


#22  
Acetophenone  
Concen: 46.429 ng  
RT: 7.239 min Scan# 876  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53



Tgt Ion:105 Resp: 715698  
Ion Ratio Lower Upper  
105 100  
71 8.0 3.4 5.2#  
51 26.3 28.4 42.6#  
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 96.644 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

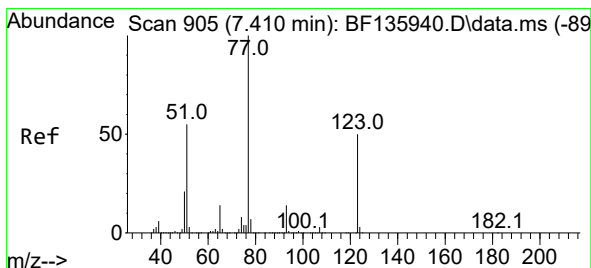
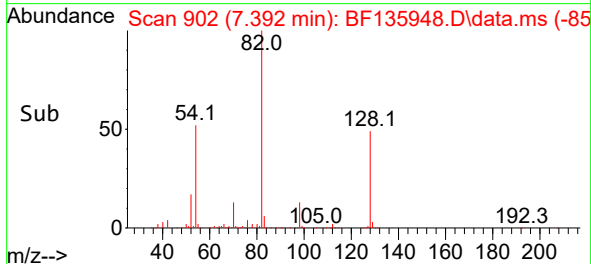
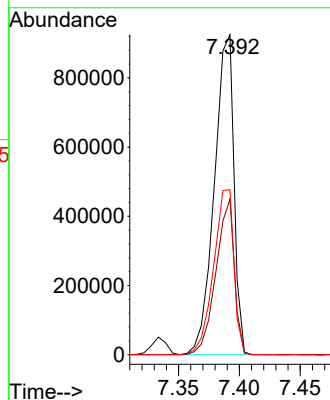
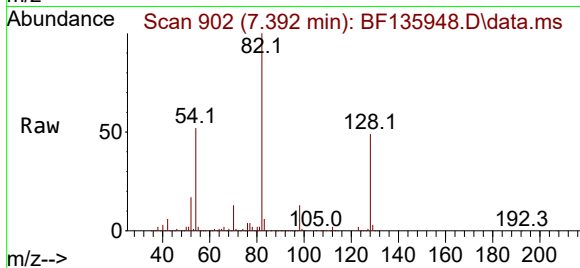
Tgt Ion: 82 Resp: 1037438

Ion Ratio Lower Upper

82 100

128 48.6 36.8 55.2

54 51.6 43.4 65.0



#24

Nitrobenzene

Concen: 47.562 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

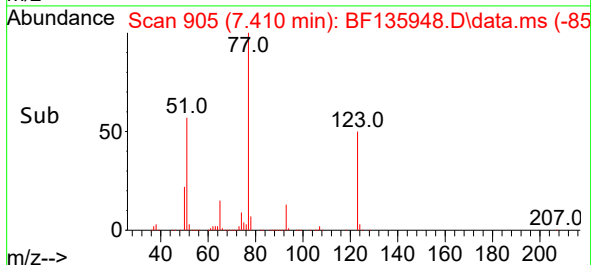
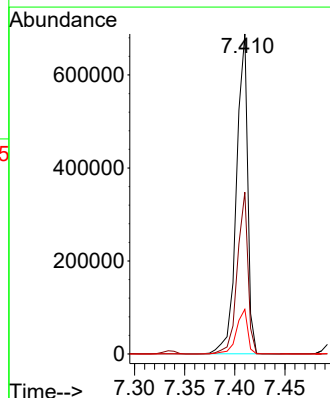
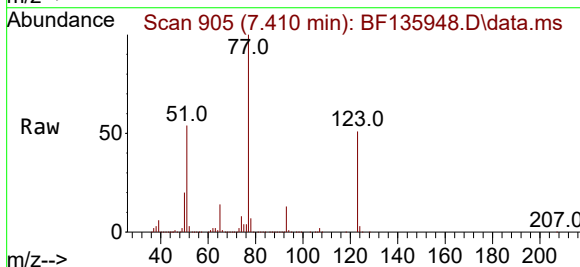
Tgt Ion: 77 Resp: 537290

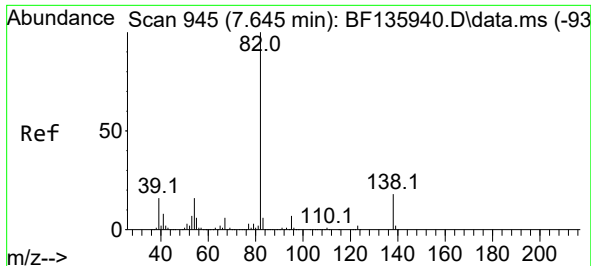
Ion Ratio Lower Upper

77 100

123 50.5 40.2 60.2

65 13.9 11.0 16.4

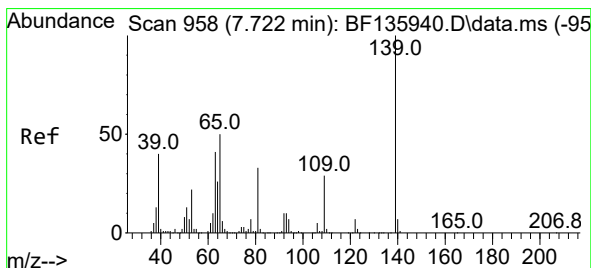
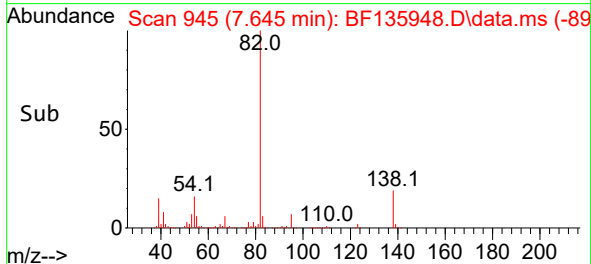
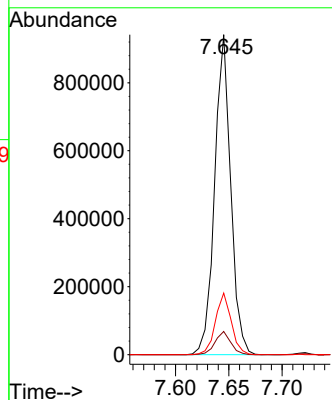
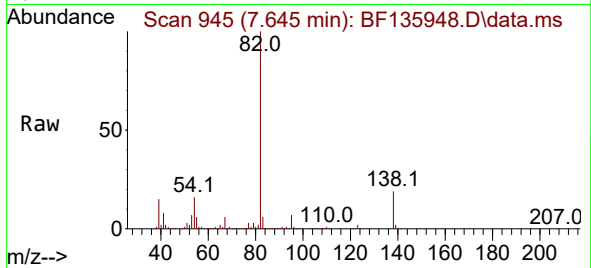




#25  
Isophorone  
Concen: 45.612 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

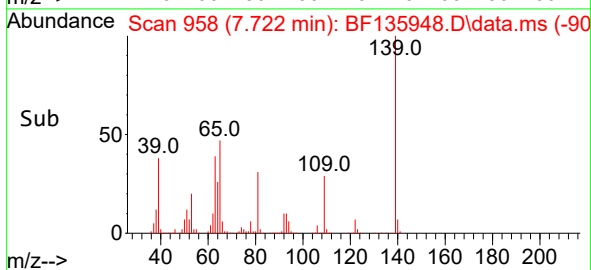
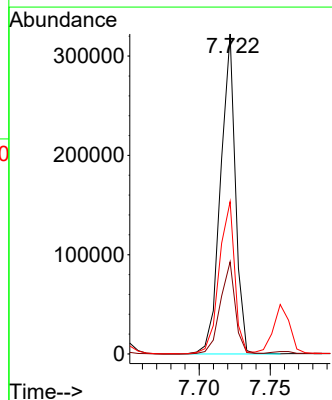
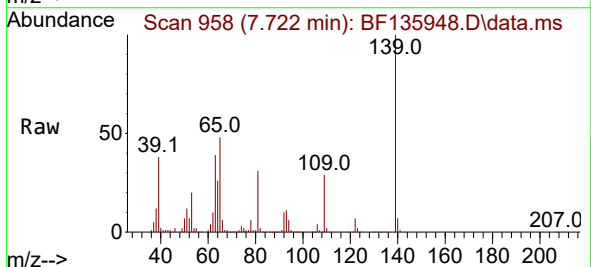
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion: 82 Resp: 984015  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.6 8.4  
138 19.2 14.8 22.2

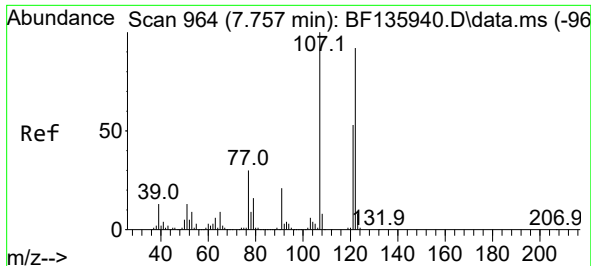


#26  
2-Nitrophenol  
Concen: 55.276 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:139 Resp: 234519  
Ion Ratio Lower Upper  
139 100  
109 28.8 23.1 34.7  
65 47.6 39.8 59.8







#27

2,4-Dimethylphenol

Concen: 43.489 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.000 min

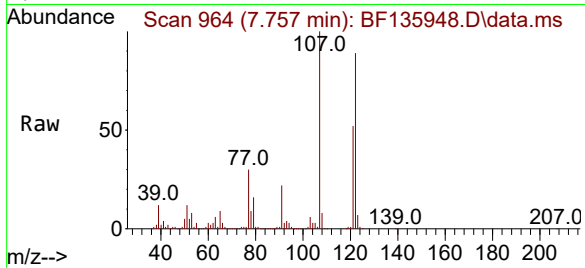
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



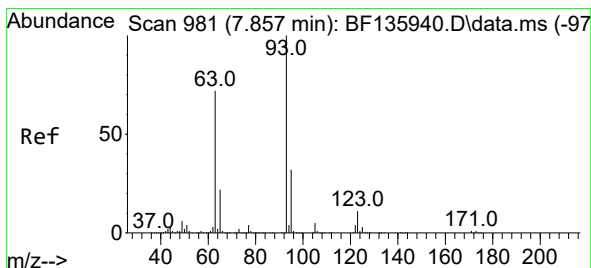
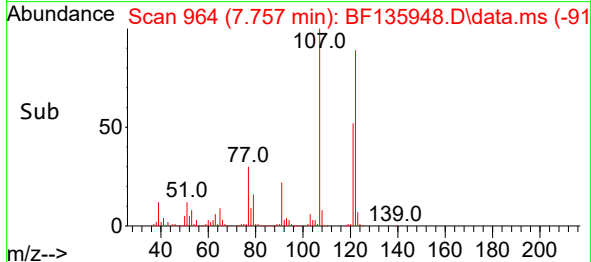
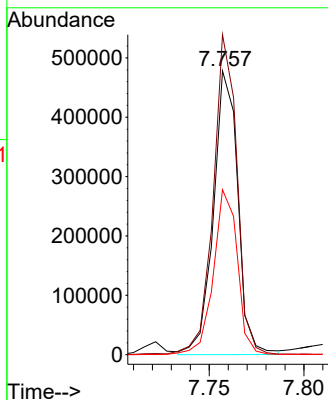
Tgt Ion:122 Resp: 427599

Ion Ratio Lower Upper

122 100

107 112.7 87.1 130.7

121 58.1 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.856 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

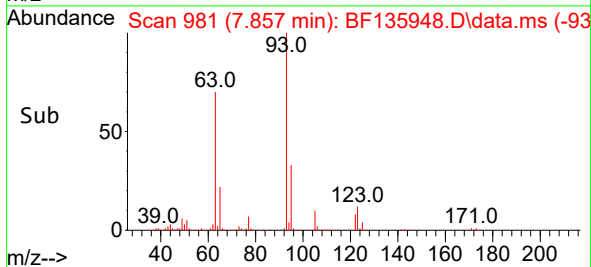
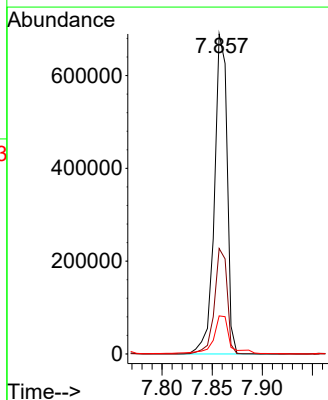
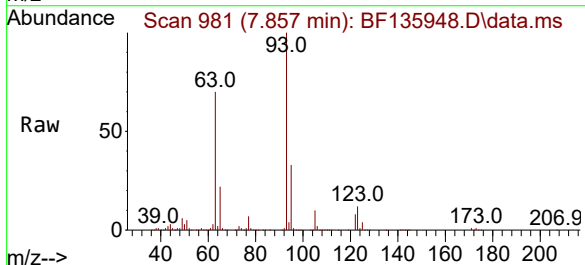
Tgt Ion: 93 Resp: 607490

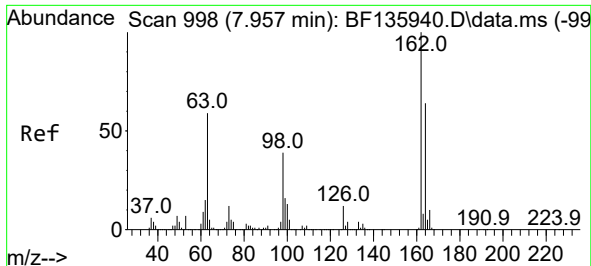
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 11.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.117 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

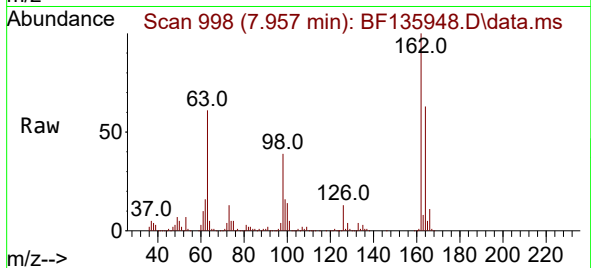
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



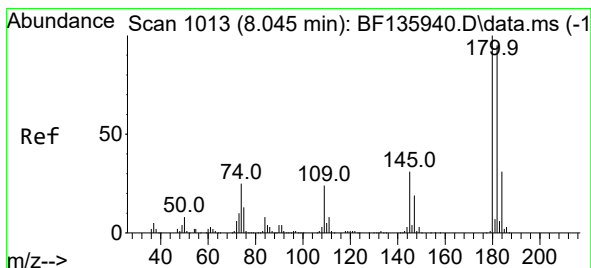
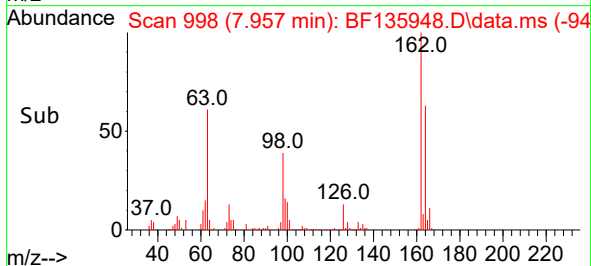
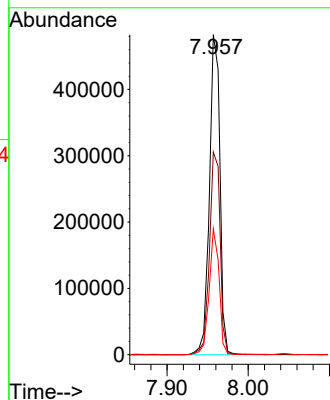
Tgt Ion:162 Resp: 432456

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 39.4 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 47.277 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

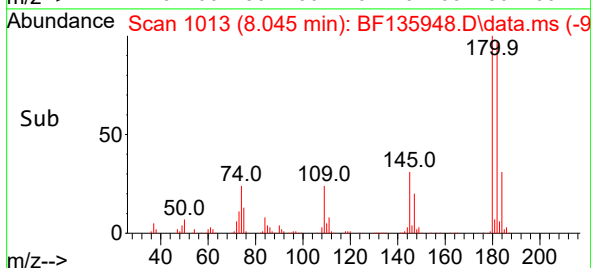
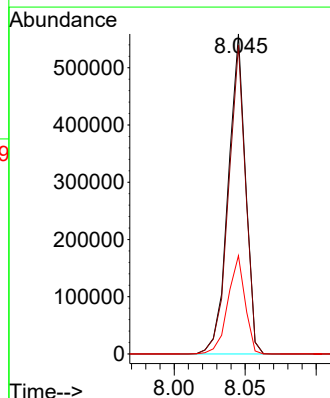
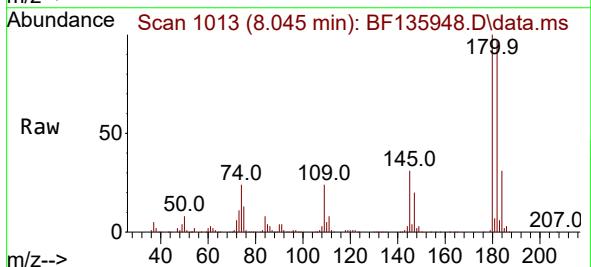
Tgt Ion:180 Resp: 471303

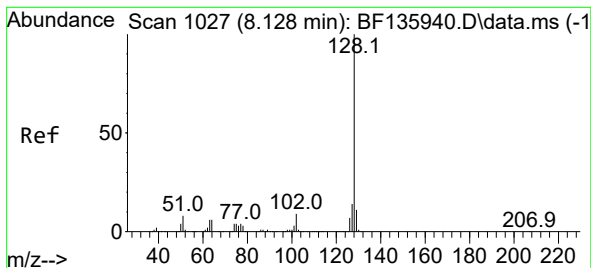
Ion Ratio Lower Upper

180 100

182 96.6 76.0 114.0

145 30.7 24.6 36.8





#31

Naphthalene

Concen: 45.236 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

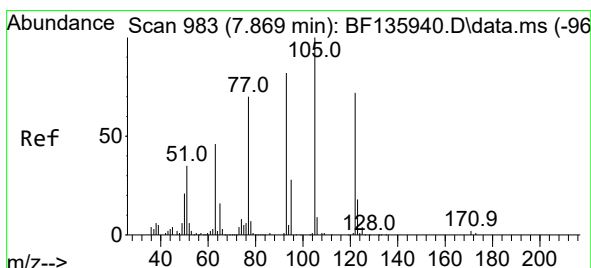
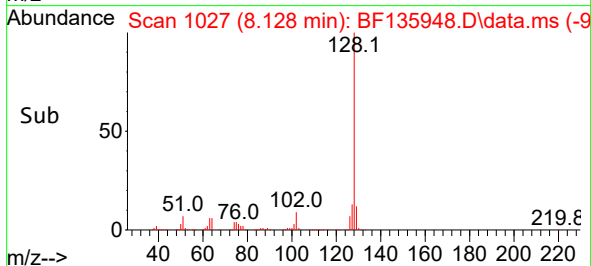
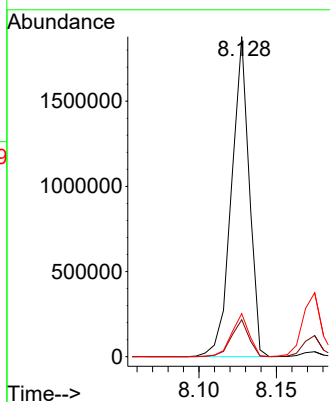
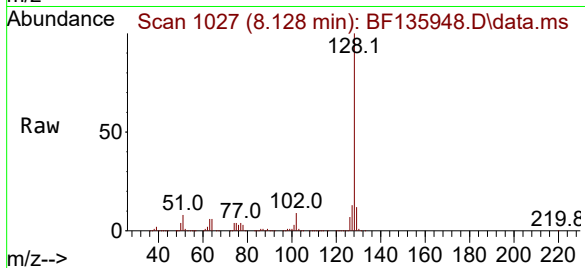
Tgt Ion:128 Resp: 1492666

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 56.464 ng

RT: 7.886 min Scan# 986

Delta R.T. 0.017 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

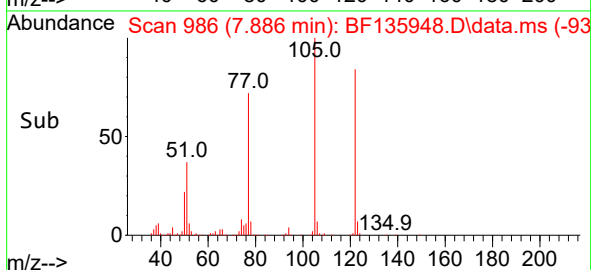
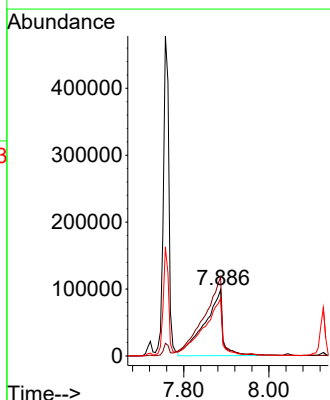
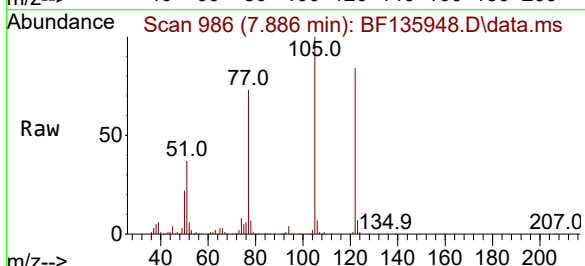
Tgt Ion:122 Resp: 295626

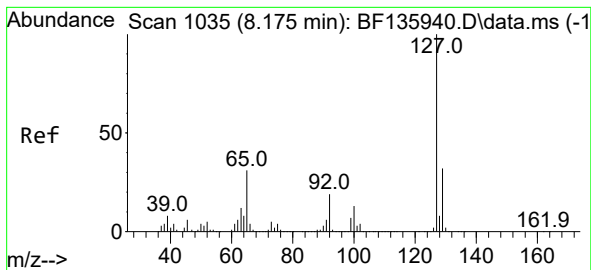
Ion Ratio Lower Upper

122 100

105 119.3 113.1 153.1

77 86.8 75.2 115.2

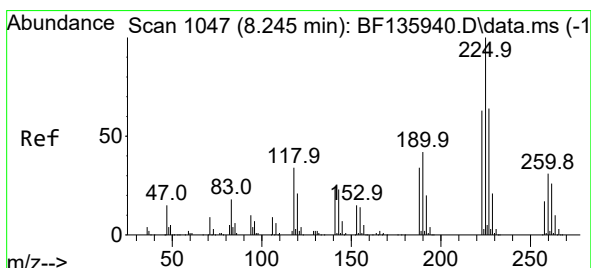
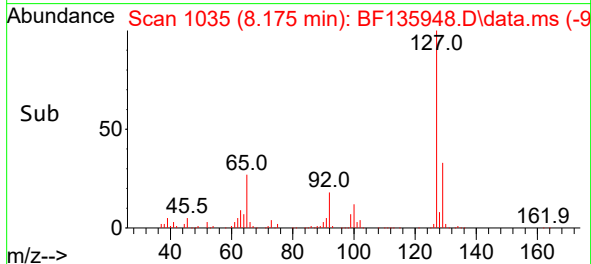
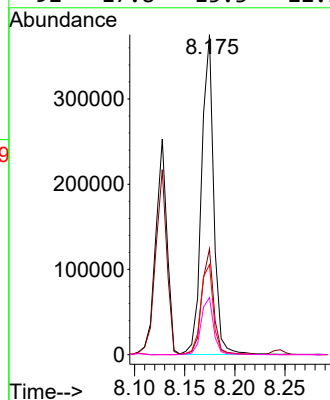
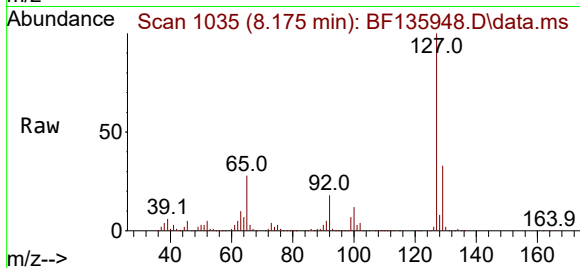




#33  
4-Chloroaniline  
Concen: 21.742 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

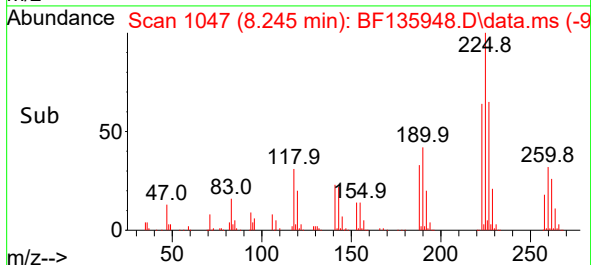
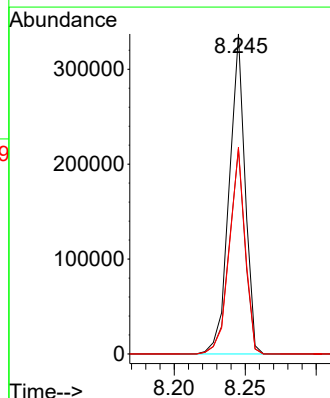
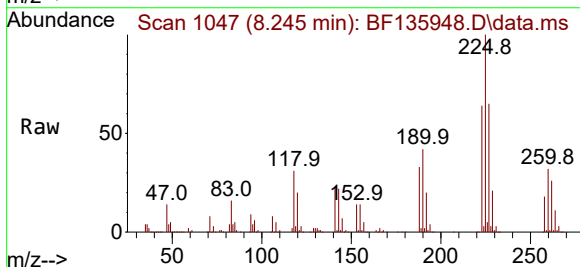
Instrument :  
BNA\_M  
ClientSampleId :

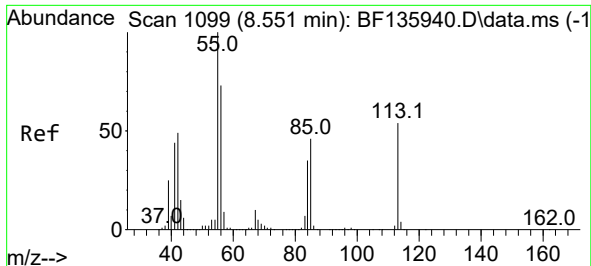
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 317097 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 25.7  | 38.5   |
| 65       | 28.1  | 24.8  | 37.2   |
| 92       | 17.8  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 46.521 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 261395 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 50.6  | 75.8   |
| 227      | 64.5  | 50.9  | 76.3   |

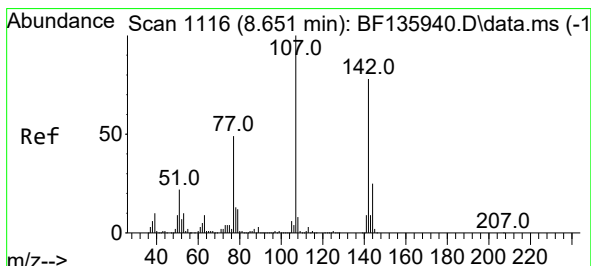
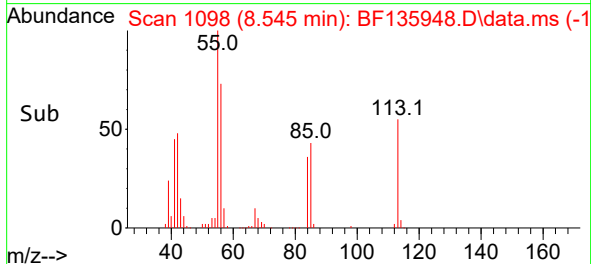
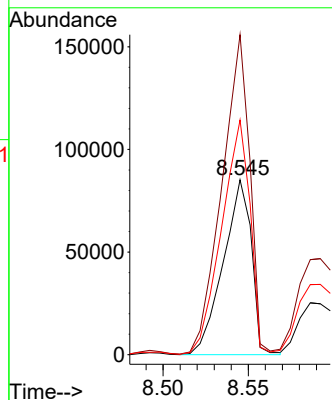
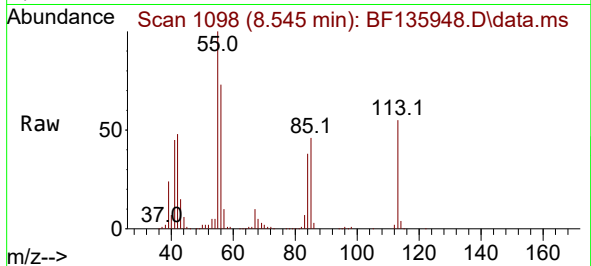




#35  
 Caprolactam  
 Concen: 33.262 ng  
 RT: 8.545 min Scan# 1099  
 Delta R.T. -0.006 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

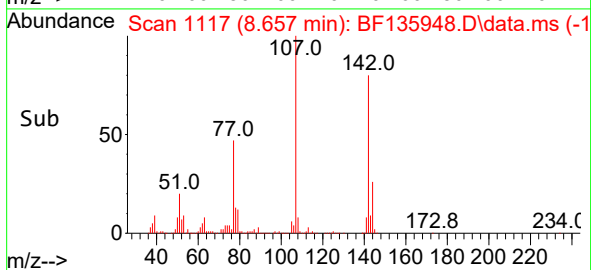
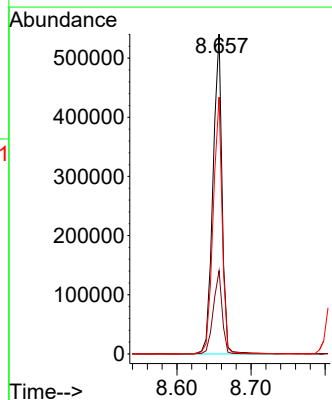
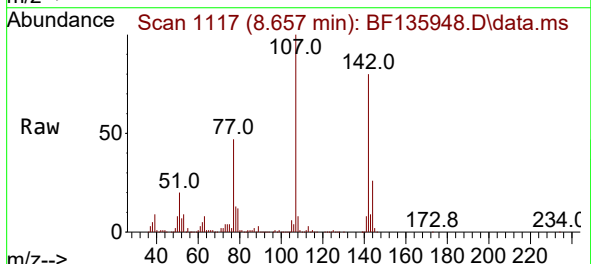
Instrument :  
 BNA\_M  
 ClientSampleId :

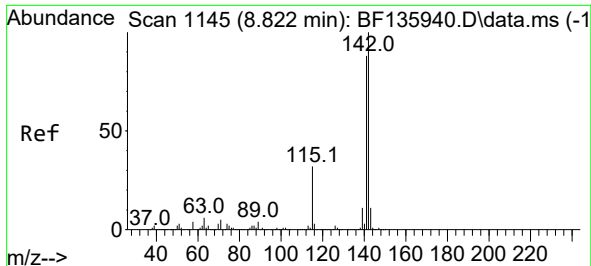
Tgt Ion:113 Resp: 97456  
 Ion Ratio Lower Upper  
 113 100  
 55 182.9 165.4 205.4  
 56 134.2 115.2 155.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.213 ng  
 RT: 8.657 min Scan# 1117  
 Delta R.T. 0.006 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

Tgt Ion:107 Resp: 460468  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 19.9 29.9  
 142 80.2 62.8 94.2

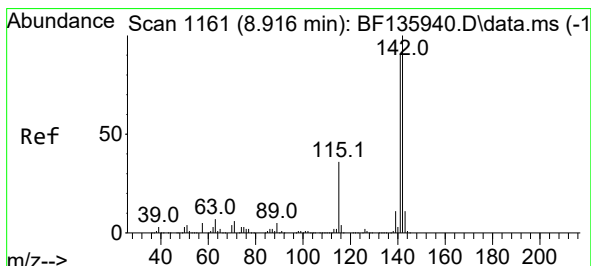
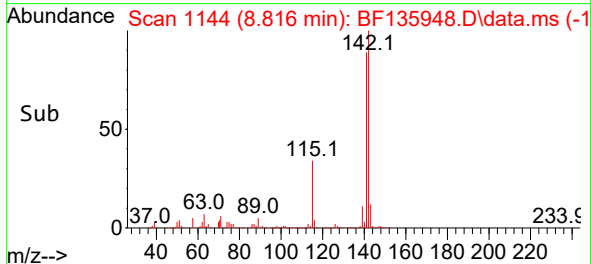
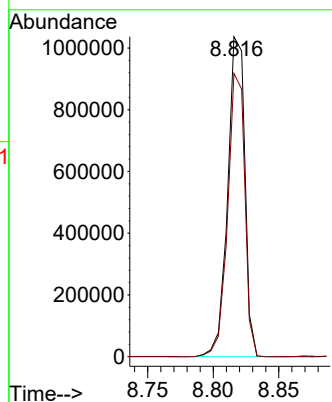
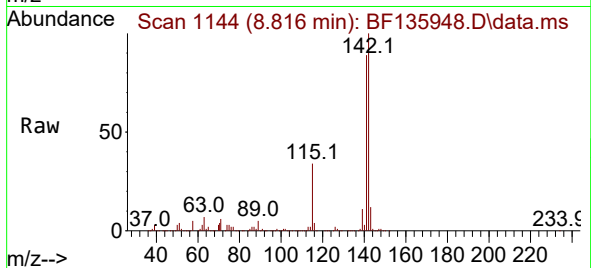




#37  
2-Methylnaphthalene  
Concen: 43.302 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

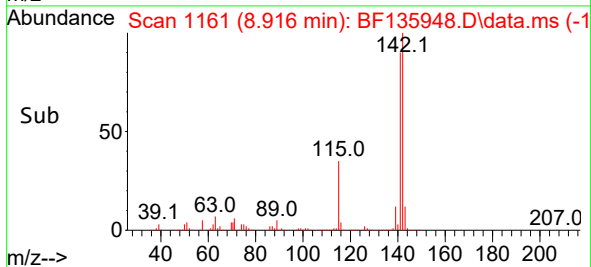
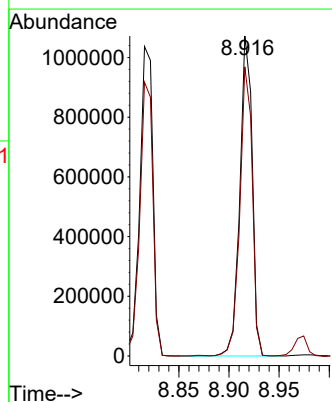
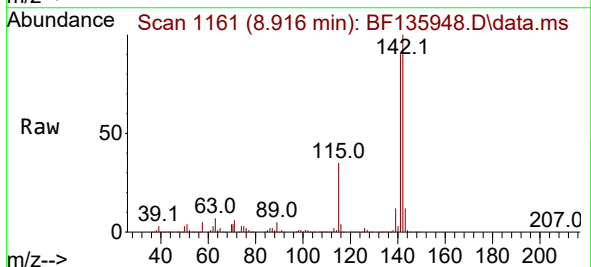
Instrument :  
BNA\_M  
ClientSampleId :

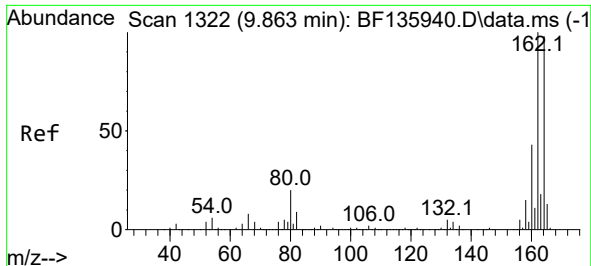
Tgt Ion:142 Resp: 945389  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 45.510 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:142 Resp: 928410  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. -0.000 min

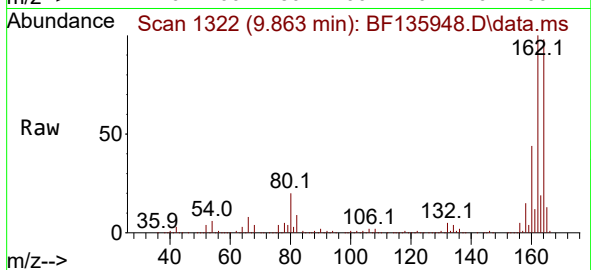
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



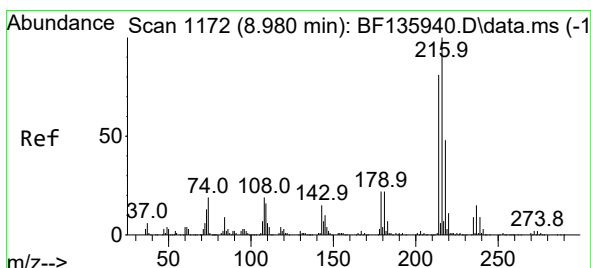
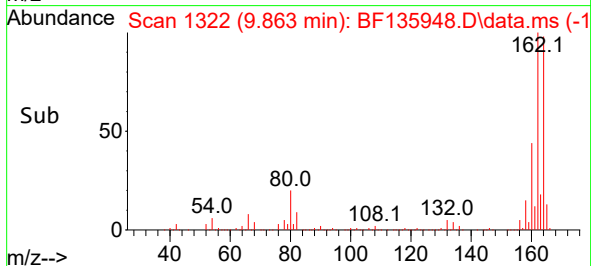
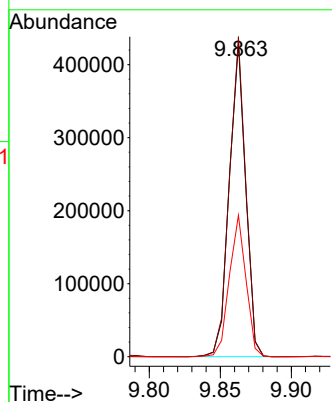
Tgt Ion:164 Resp: 343644

Ion Ratio Lower Upper

164 100

162 102.2 82.0 123.0

160 45.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.899 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Tgt Ion:216 Resp: 435786

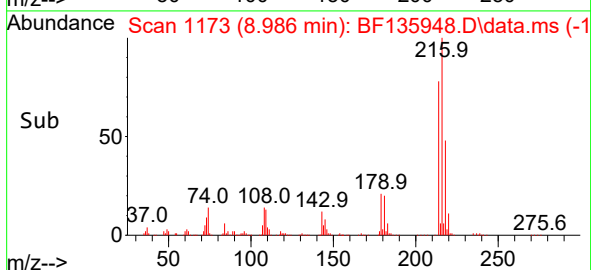
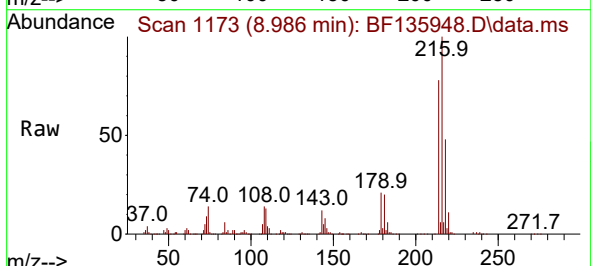
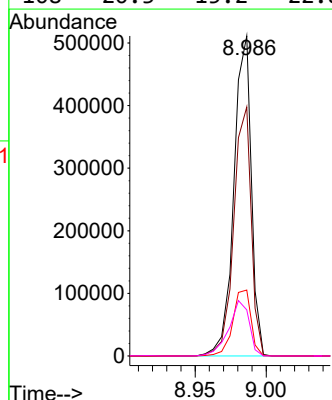
Ion Ratio Lower Upper

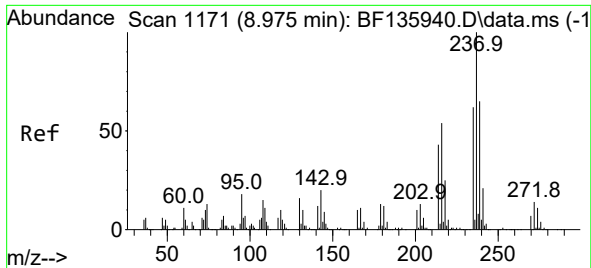
216 100

214 78.3 63.3 94.9

179 21.6 17.3 25.9

108 20.3 15.2 22.8

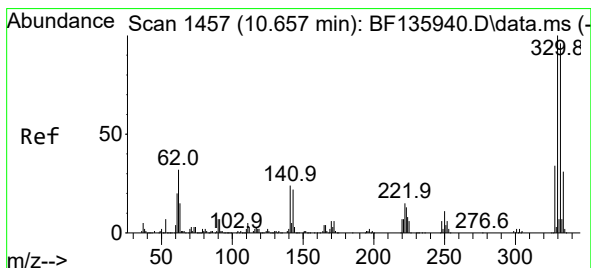
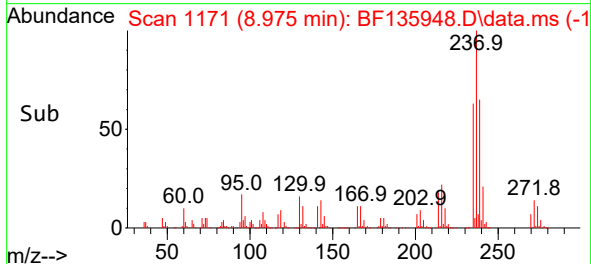
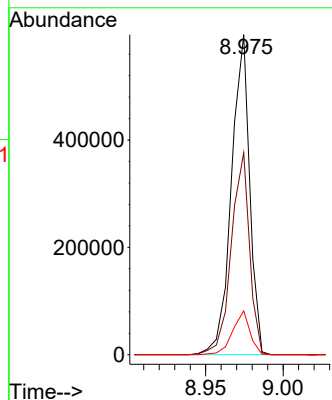
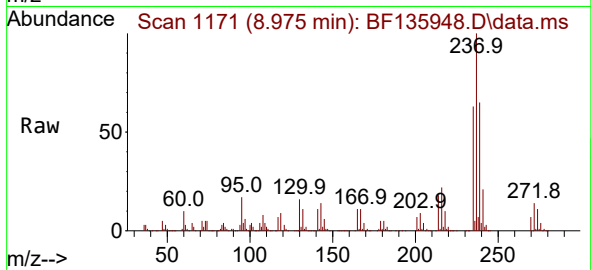




#41  
Hexachlorocyclopentadiene  
Concen: 101.811 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

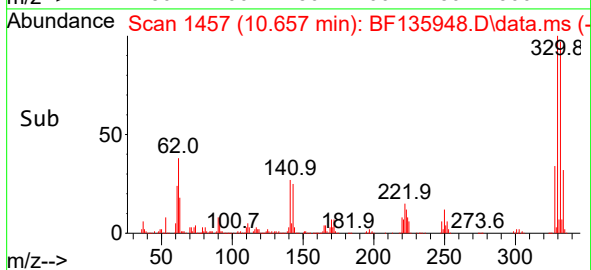
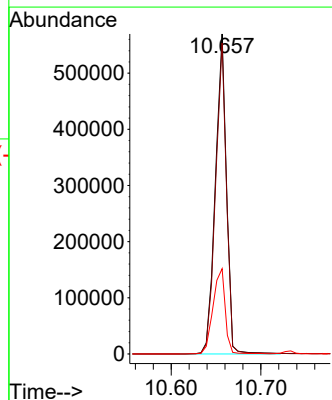
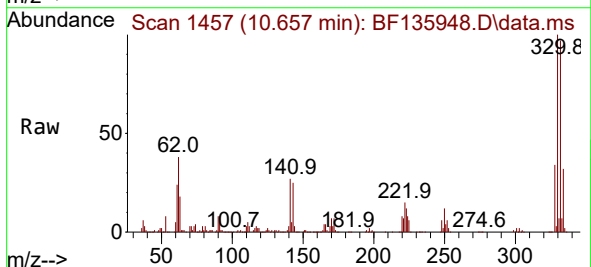
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:237 Resp: 487247  
Ion Ratio Lower Upper  
237 100  
235 63.1 41.7 81.7  
272 13.7 0.0 33.6

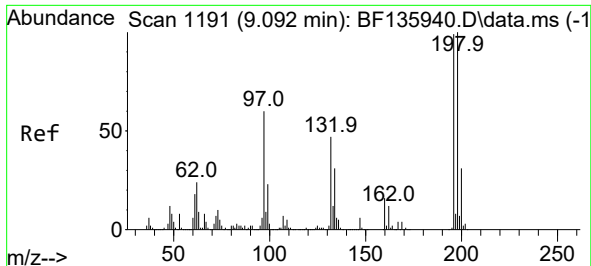


#42  
2,4,6-Tribromophenol  
Concen: 162.785 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:330 Resp: 489641  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.4 116.2  
141 29.4 24.9 37.3



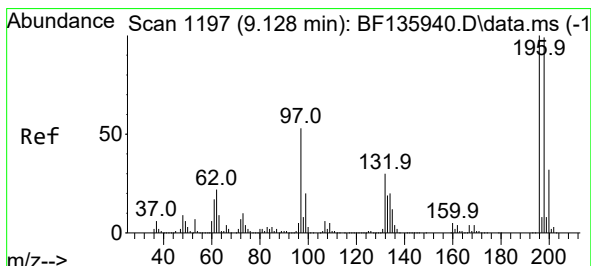
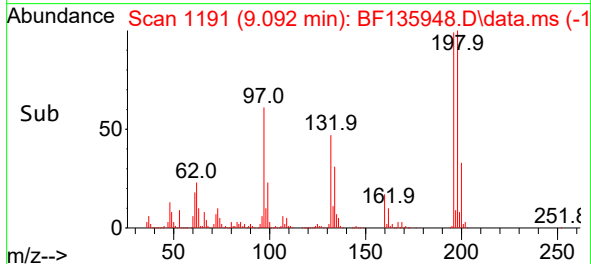
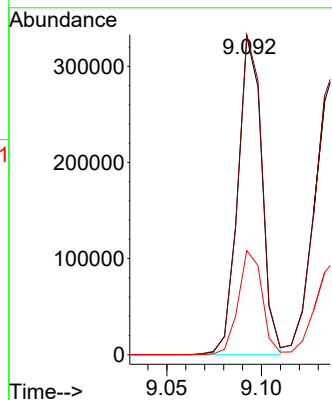
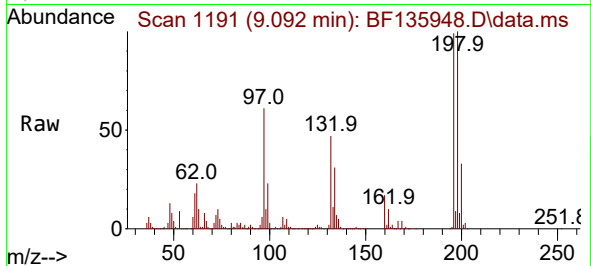




#43  
2,4,6-Trichlorophenol  
Concen: 51.119 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

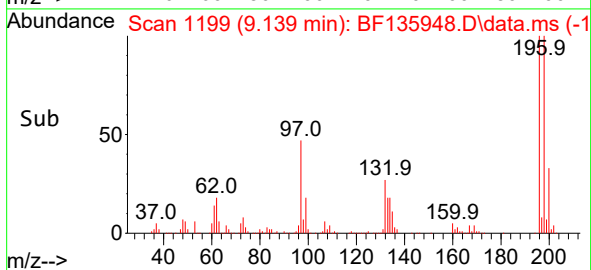
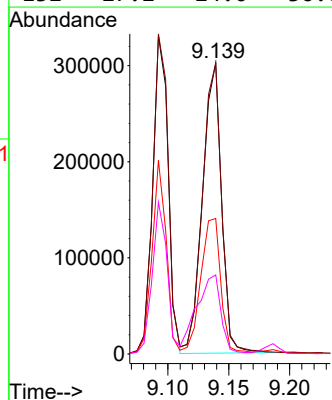
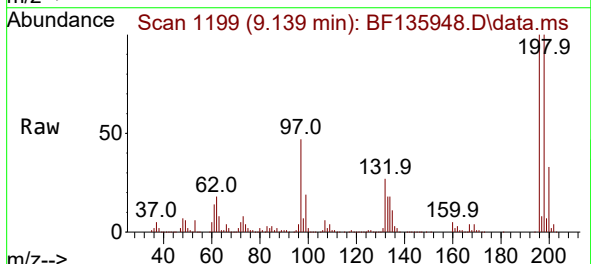
Instrument :  
BNA\_M  
ClientSampleId :

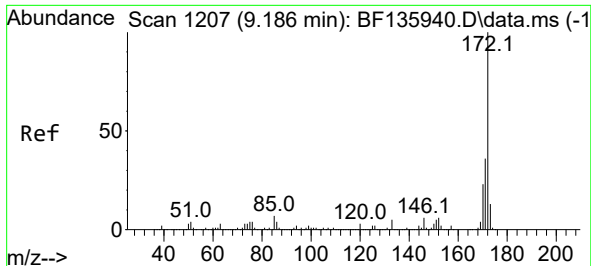
Tgt Ion:196 Resp: 290394  
Ion Ratio Lower Upper  
196 100  
198 100.6 81.0 121.4  
200 32.8 25.4 38.0



#44  
2,4,5-Trichlorophenol  
Concen: 48.463 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.012 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:196 Resp: 326872  
Ion Ratio Lower Upper  
196 100  
198 99.9 79.1 118.7  
97 46.6 42.3 63.5  
132 27.2 24.0 36.0

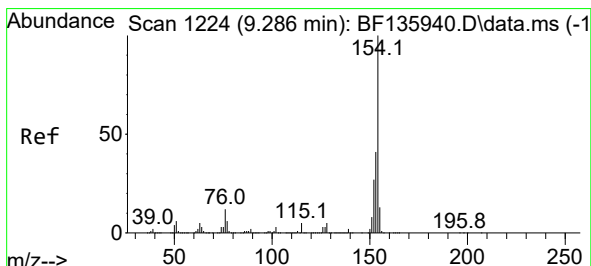
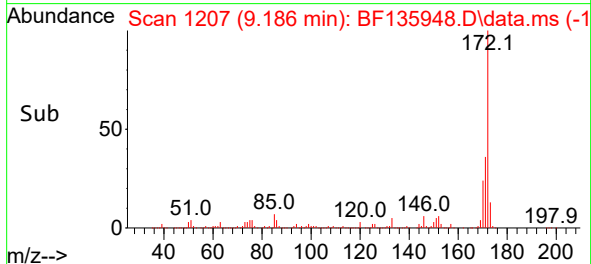
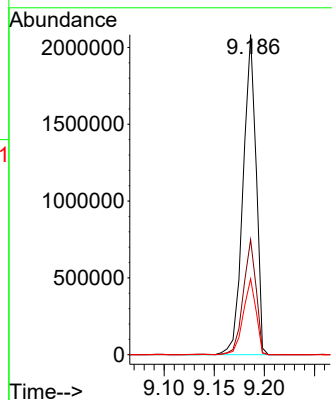
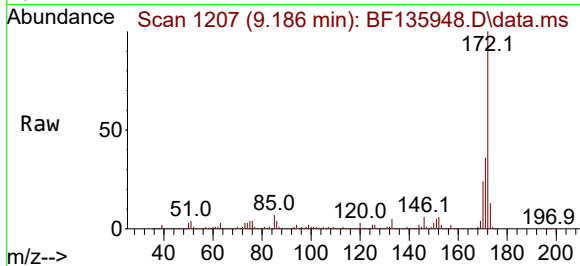




#45  
2-Fluorobiphenyl  
Concen: 87.742 ng  
RT: 9.186 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

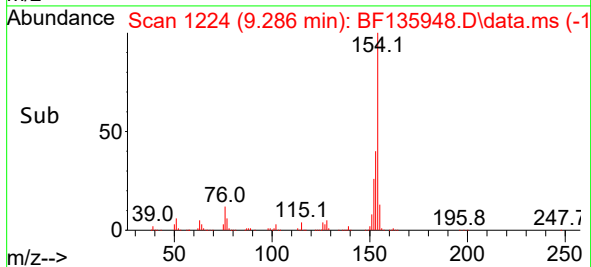
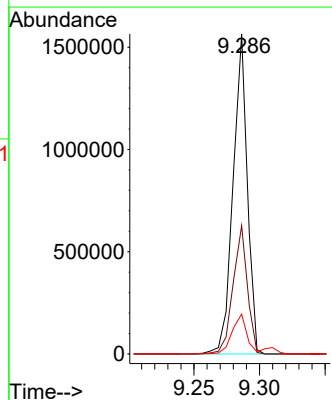
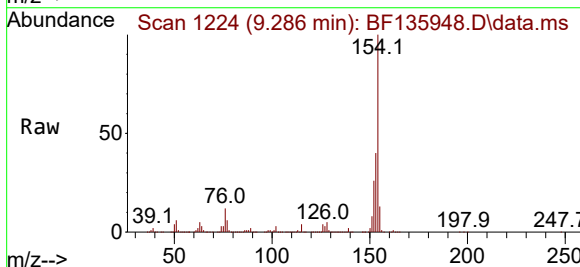
Instrument :  
BNA\_M  
ClientSampleId :

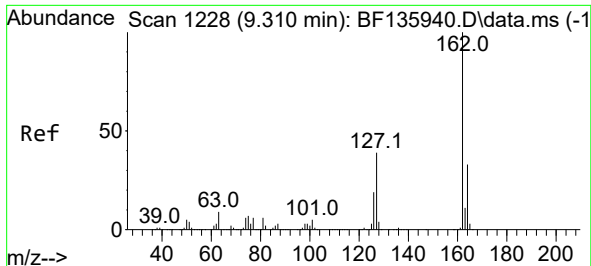
Tgt Ion:172 Resp: 1883026  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 43.0  
170 23.7 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 45.500 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:154 Resp: 1184775  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.7 60.7  
76 12.4 0.0 32.4

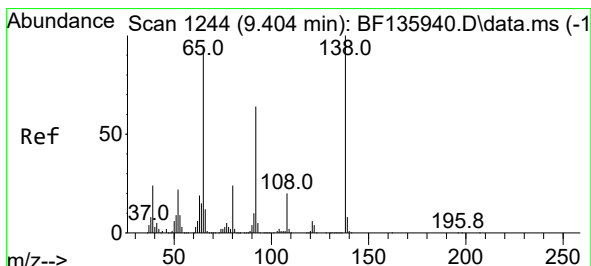
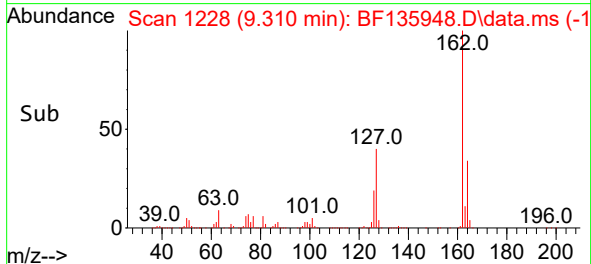
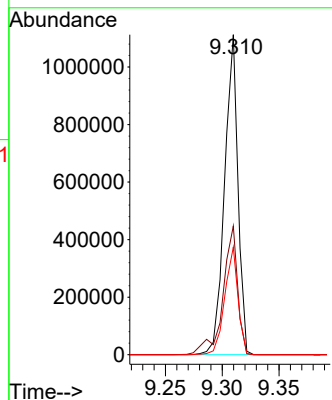
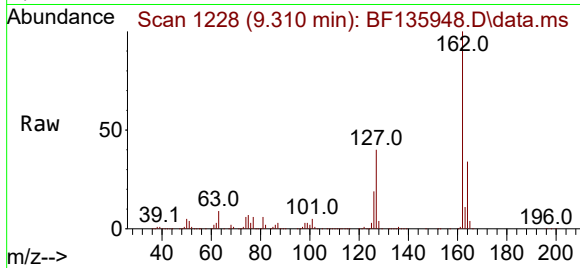




#47  
2-Chloronaphthalene  
Concen: 47.404 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

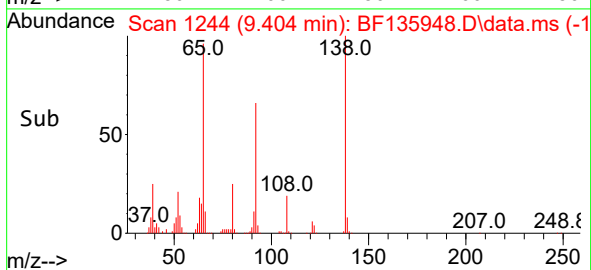
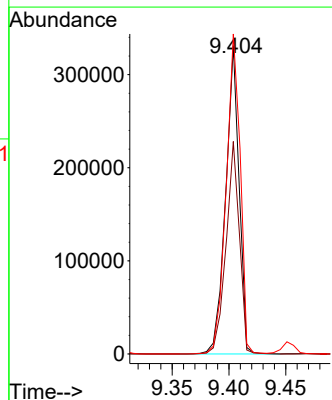
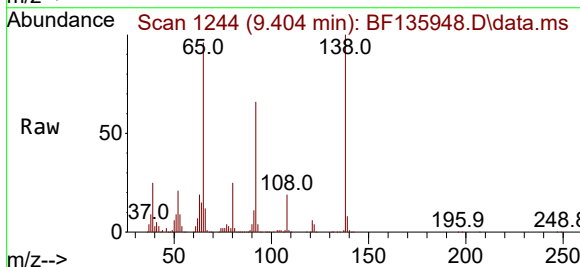
Instrument :  
BNA\_M  
ClientSampleId :

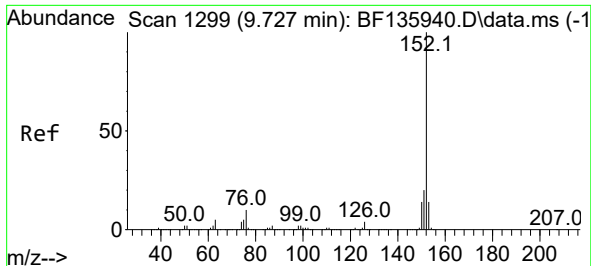
Tgt Ion:162 Resp: 913001  
Ion Ratio Lower Upper  
162 100  
127 40.2 31.0 46.4  
164 33.6 26.6 39.8



#48  
2-Nitroaniline  
Concen: 51.245 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion: 65 Resp: 273794  
Ion Ratio Lower Upper  
65 100  
92 68.9 54.9 82.3  
138 103.8 85.2 127.8

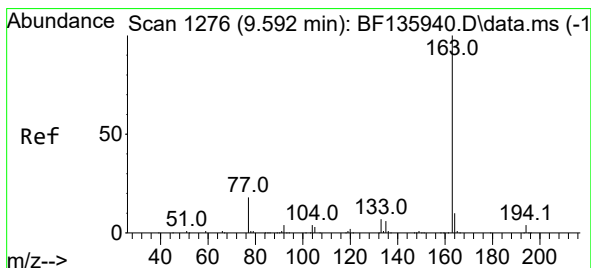
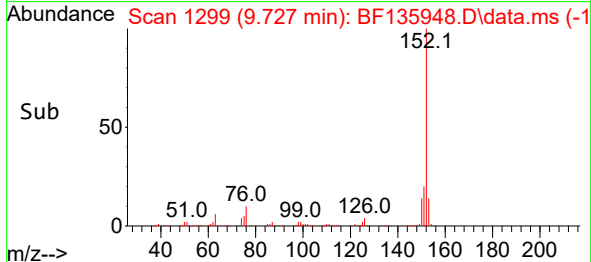
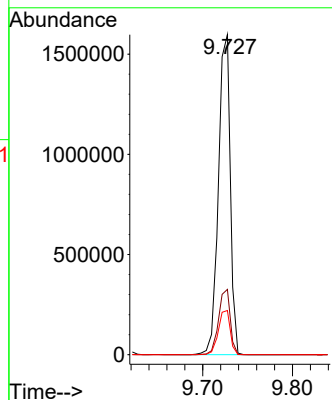
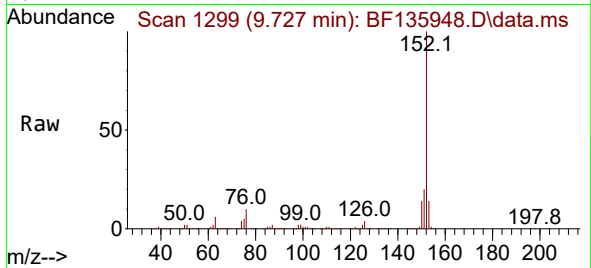




#49  
Acenaphthylene  
Concen: 48.172 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

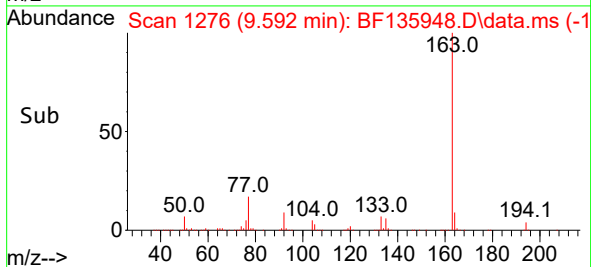
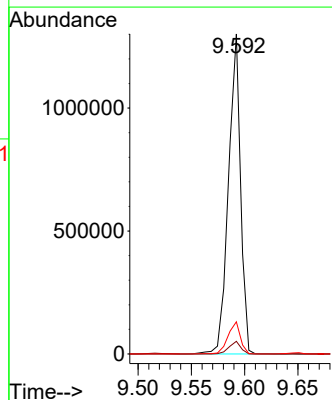
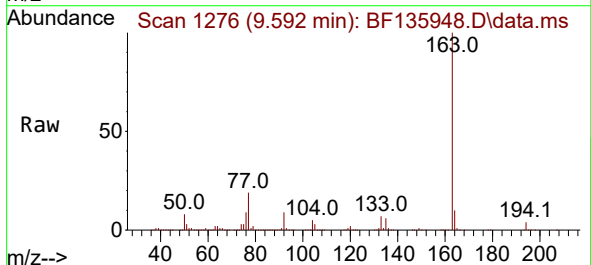
Instrument :  
BNA\_M  
ClientSampleId :

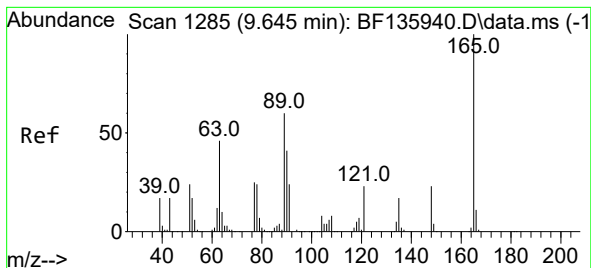
Tgt Ion:152 Resp: 1463691  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.0 24.0  
153 13.8 11.0 16.6



#50  
Dimethylphthalate  
Concen: 46.032 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:163 Resp: 1025827  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 10.1 8.3 12.5

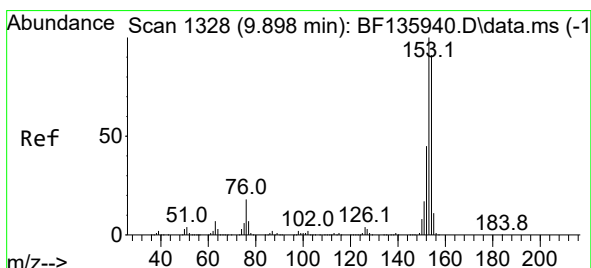
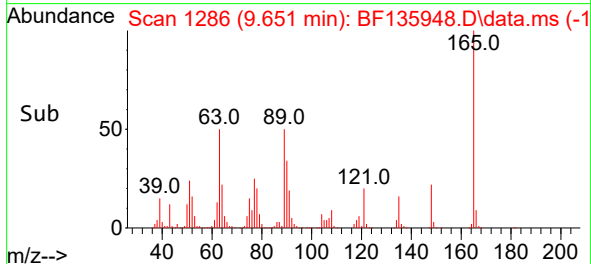
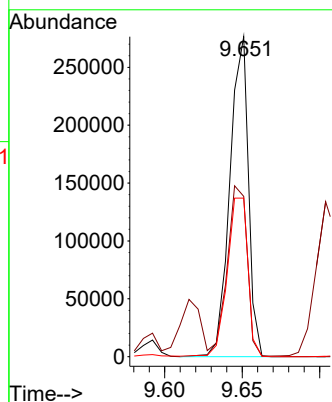
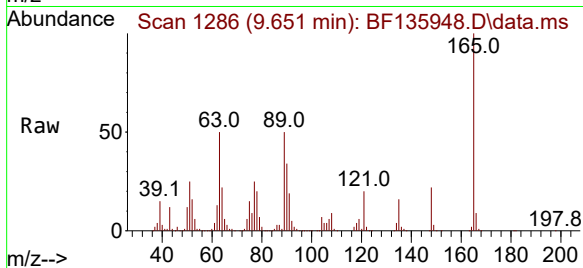




#51  
2,6-Dinitrotoluene  
Concen: 49.603 ng  
RT: 9.651 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

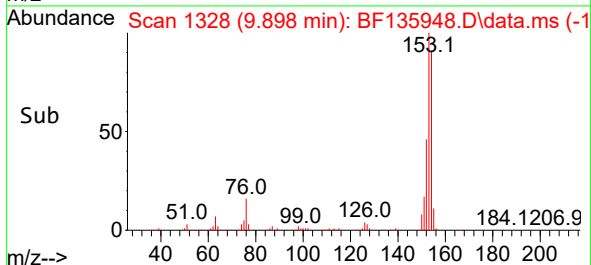
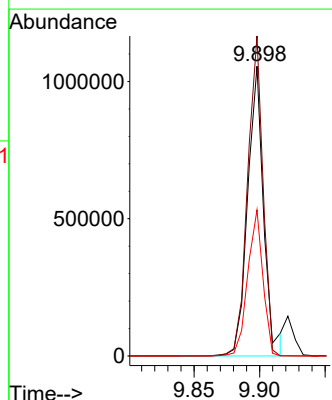
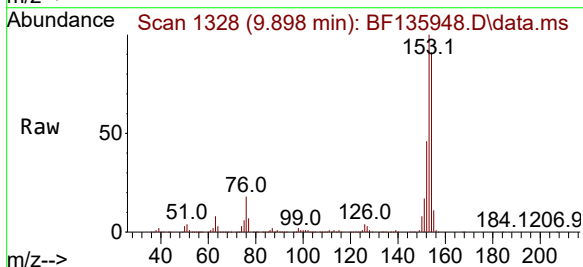
Instrument :  
BNA\_M  
ClientSampleId :

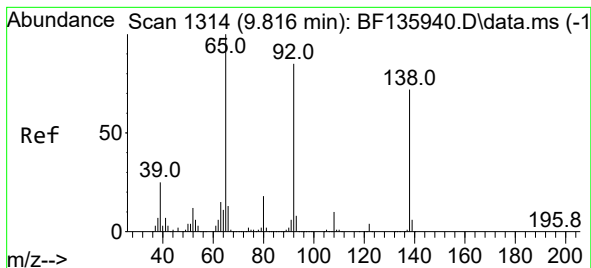
Tgt Ion:165 Resp: 230005  
Ion Ratio Lower Upper  
165 100  
63 50.1 51.7 77.5#  
89 49.6 48.3 72.5



#52  
Acenaphthene  
Concen: 46.025 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:154 Resp: 896229  
Ion Ratio Lower Upper  
154 100  
153 110.4 88.0 132.0  
152 50.4 39.4 59.2





#53

3-Nitroaniline

Concen: 36.592 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

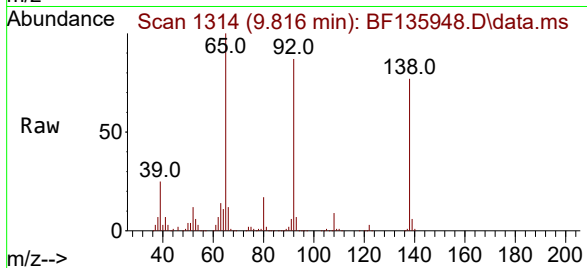
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



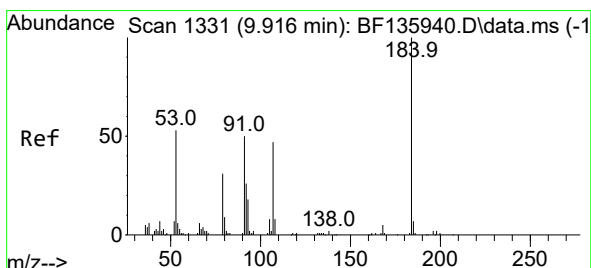
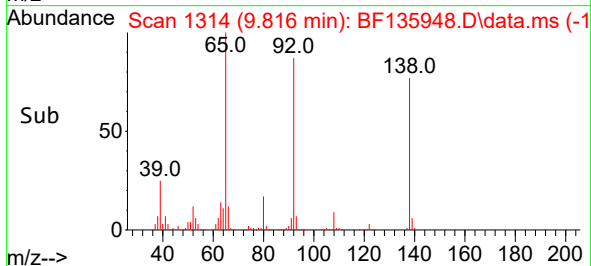
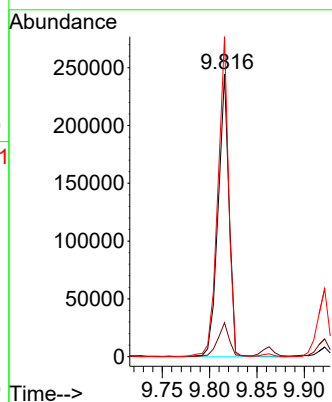
Tgt Ion:138 Resp: 195666

Ion Ratio Lower Upper

138 100

108 12.0 11.3 16.9

92 113.2 95.0 142.6



#54

2,4-Dinitrophenol

Concen: 92.712 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

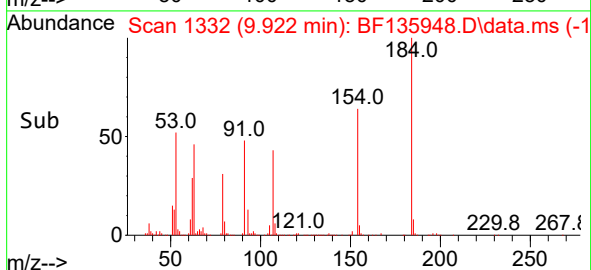
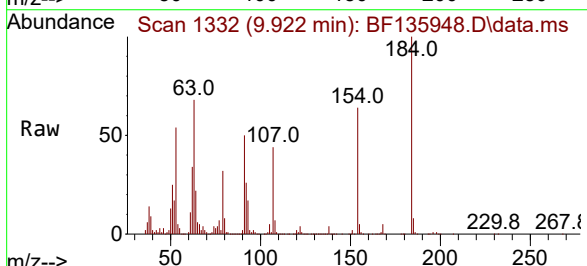
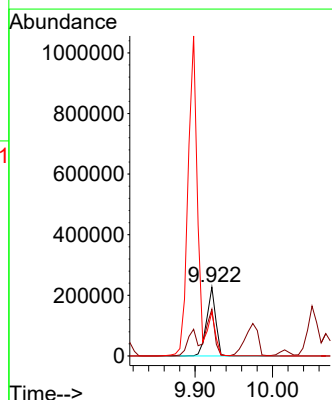
Tgt Ion:184 Resp: 185469

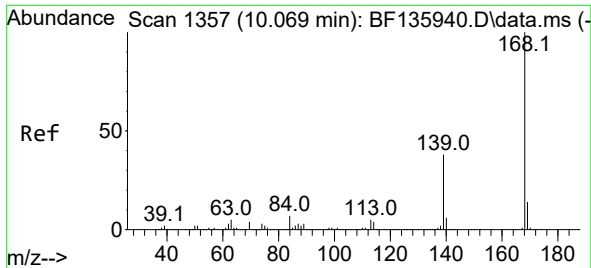
Ion Ratio Lower Upper

184 100

63 67.9 56.3 84.5

154 63.9 48.1 72.1

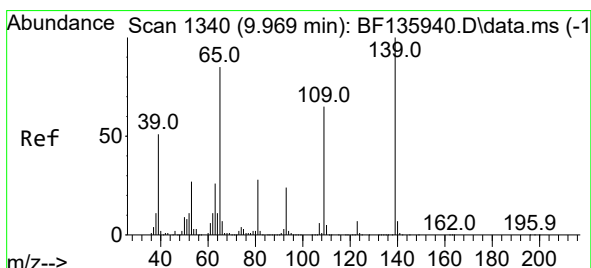
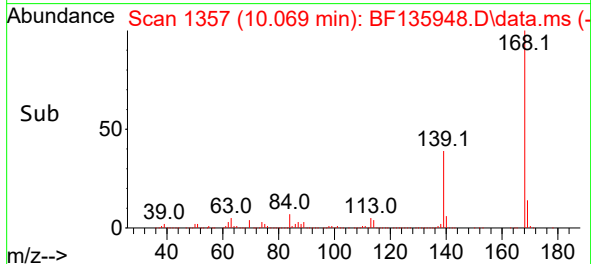
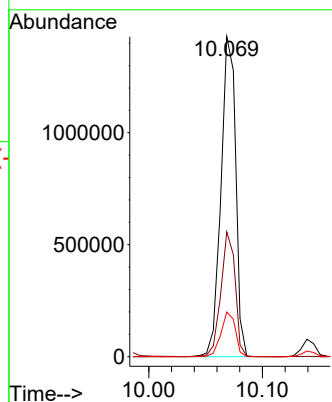
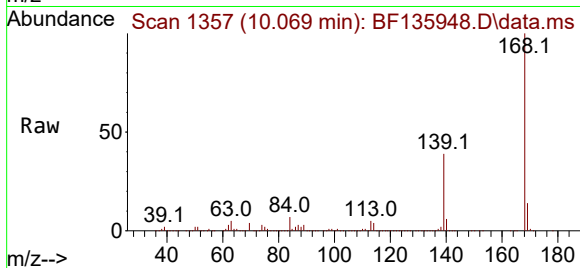




#55  
Dibenzenofuran  
Concen: 45.965 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

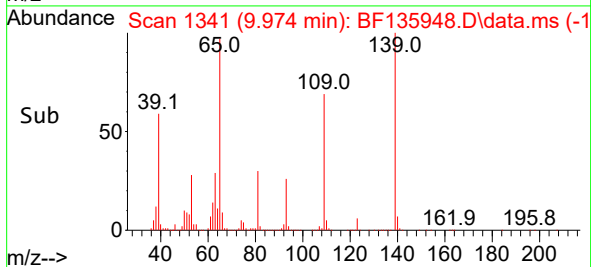
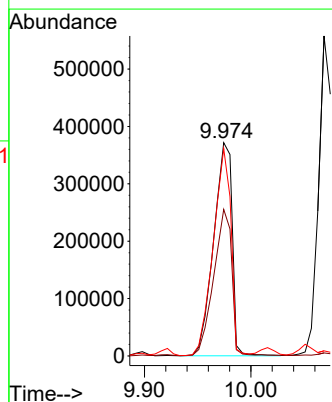
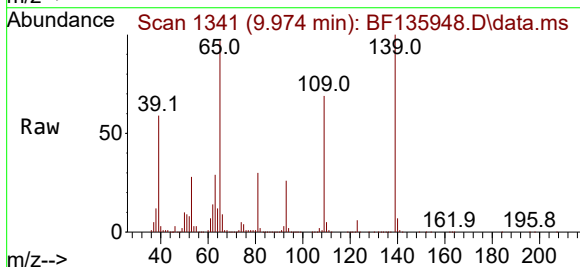
Instrument :  
BNA\_M  
ClientSampleId :

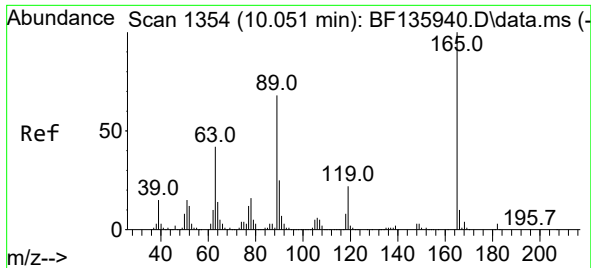
Tgt Ion:168 Resp: 1293045  
Ion Ratio Lower Upper  
168 100  
139 39.0 30.7 46.1  
169 13.9 11.1 16.7



#56  
4-Nitrophenol  
Concen: 98.291 ng  
RT: 9.974 min Scan# 1341  
Delta R.T. 0.005 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

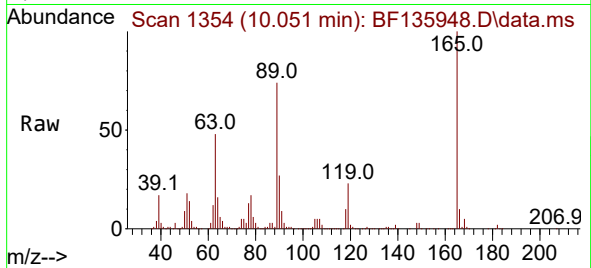
Tgt Ion:139 Resp: 448772  
Ion Ratio Lower Upper  
139 100  
109 68.7 45.2 85.2  
65 97.3 65.1 105.1



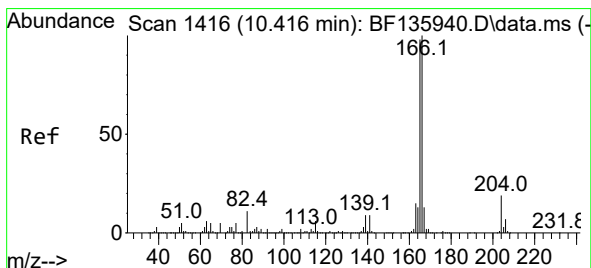
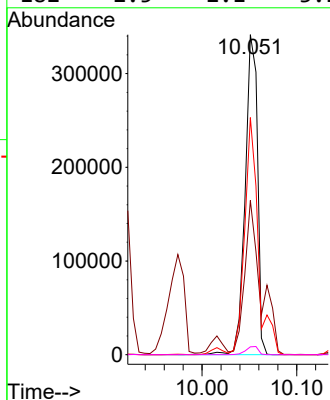
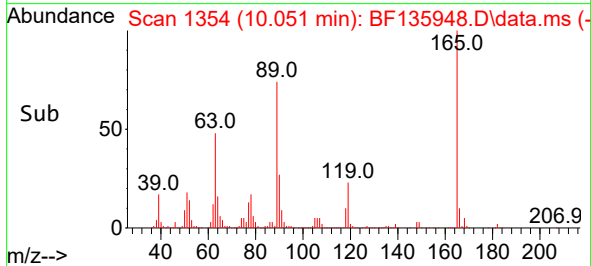


#57  
2,4-Dinitrotoluene  
Concen: 53.120 ng  
RT: 10.051 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

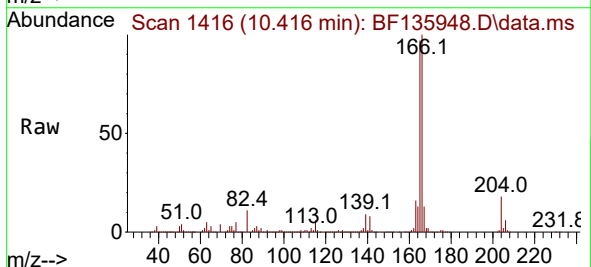
Instrument :  
BNA\_M  
ClientSampleId :



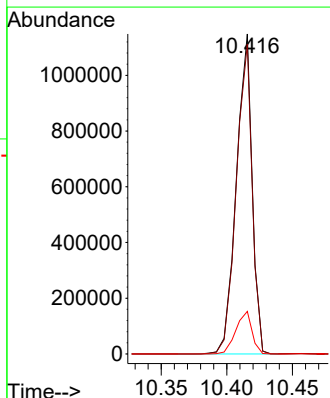
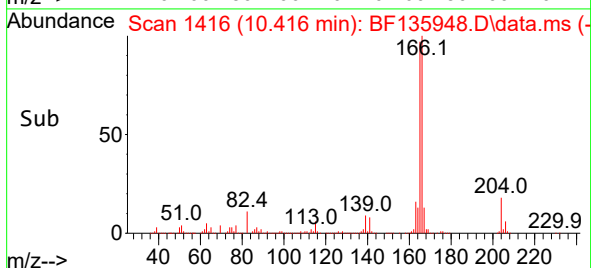
Tgt Ion:165 Resp: 307830  
Ion Ratio Lower Upper  
165 100  
63 48.2 33.7 50.5  
89 74.1 54.6 81.8  
182 2.5 2.1 3.1



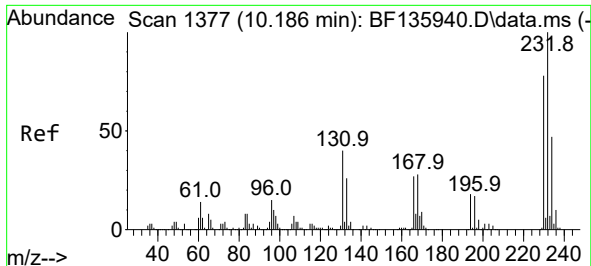
#58  
Fluorene  
Concen: 45.757 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53



Tgt Ion:166 Resp: 963015  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.0 117.0  
167 13.3 10.6 16.0



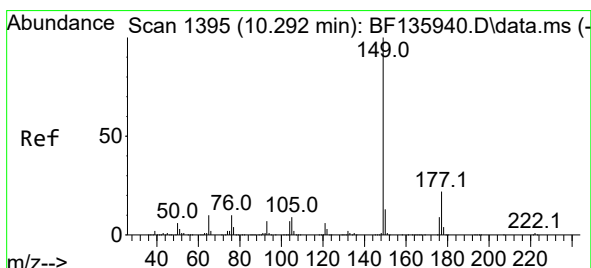
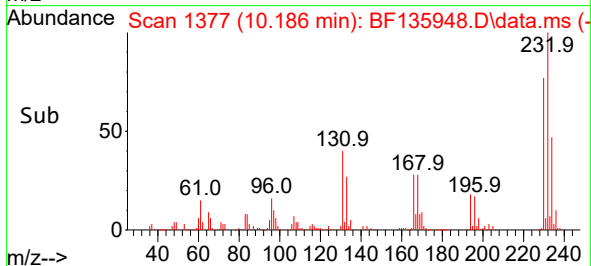
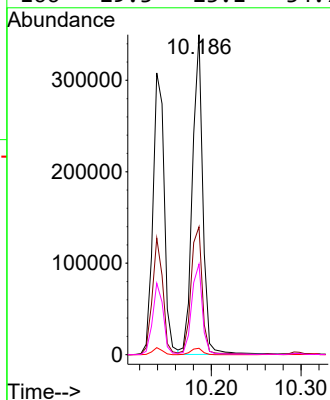
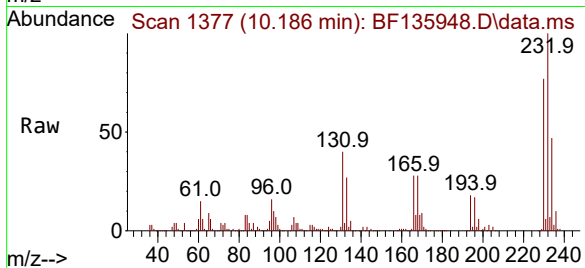




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.272 ng  
RT: 10.186 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

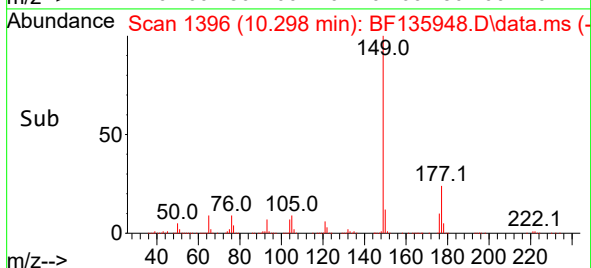
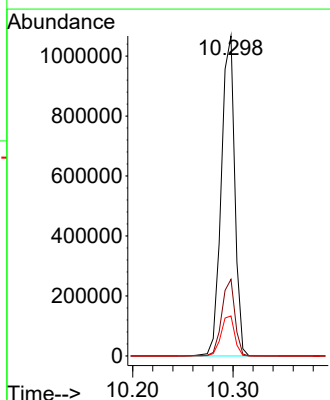
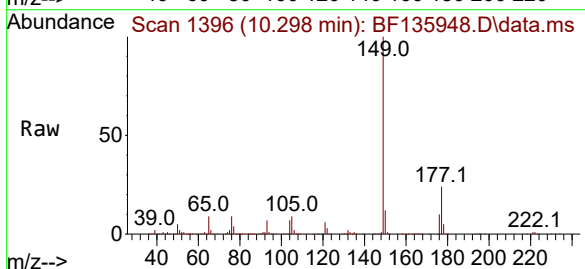
Instrument :  
BNA\_M  
ClientSampleId :

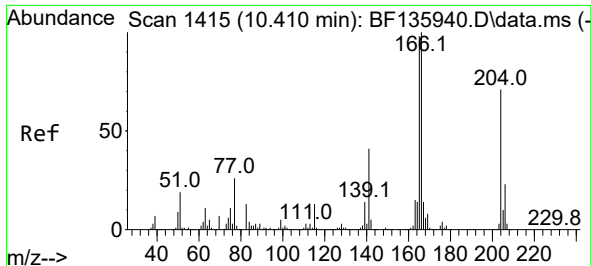
Tgt Ion:232 Resp: 280530  
Ion Ratio Lower Upper  
232 100  
131 43.1 35.2 52.8  
130 2.3 1.7 2.5  
166 29.3 23.1 34.7



#60  
Diethylphthalate  
Concen: 46.687 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:149 Resp: 992129  
Ion Ratio Lower Upper  
149 100  
177 24.0 17.9 26.9  
150 12.5 10.2 15.2

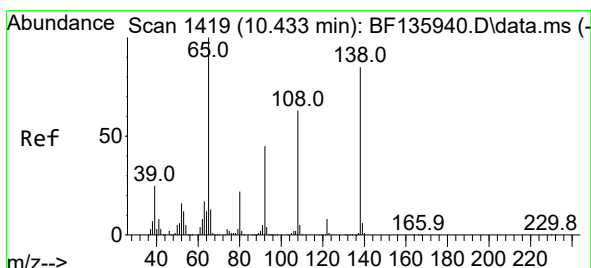
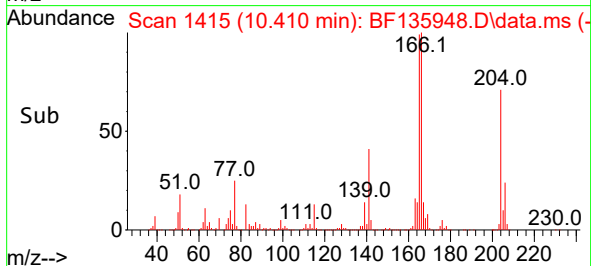
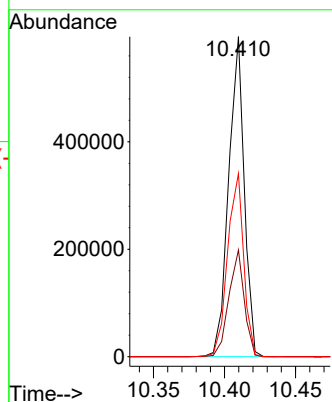
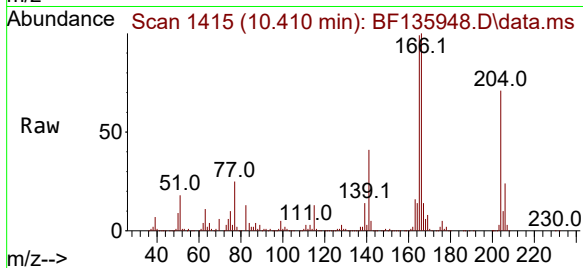




#61  
4-Chlorophenyl-phenylether  
Concen: 44.865 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

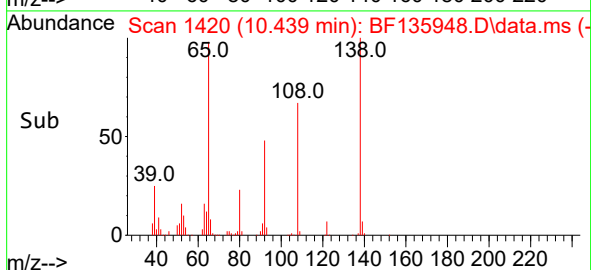
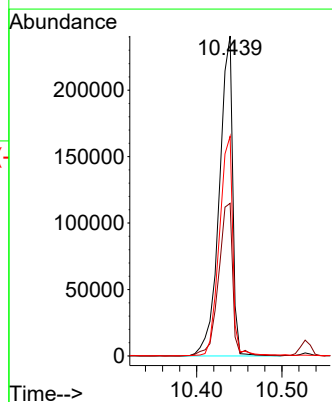
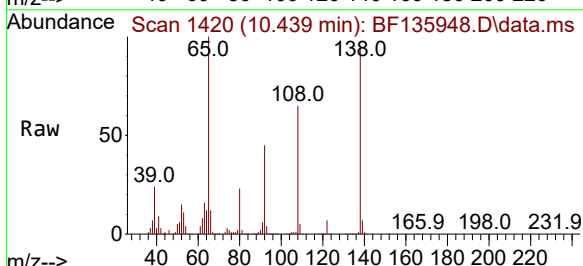
Instrument :  
BNA\_M  
ClientSampleId :

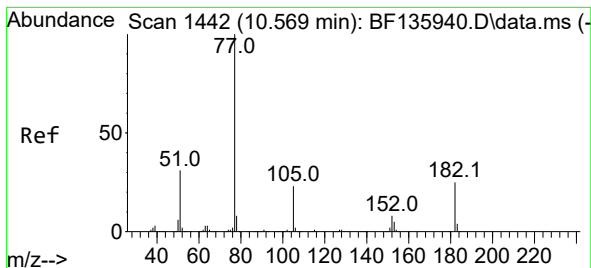
Tgt Ion:204 Resp: 455476  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.4 39.6  
141 57.3 46.2 69.2



#62  
4-Nitroaniline  
Concen: 47.960 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. 0.006 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:138 Resp: 262500  
Ion Ratio Lower Upper  
138 100  
92 47.7 32.9 72.9  
108 68.7 53.5 93.5





#63

Azobenzene

Concen: 45.753 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

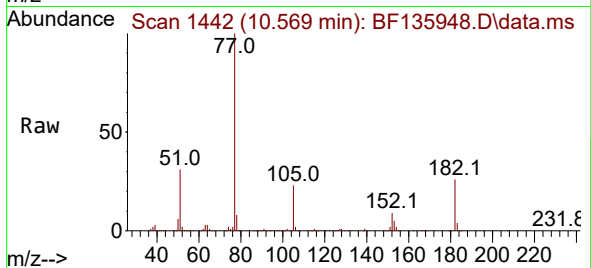
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion: 77 Resp: 986700

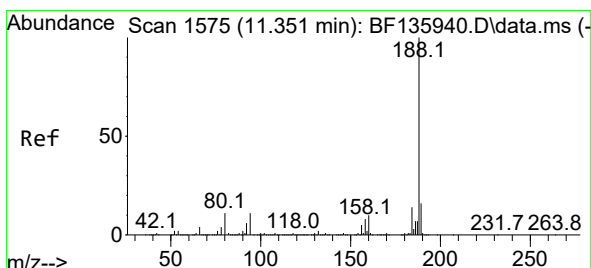
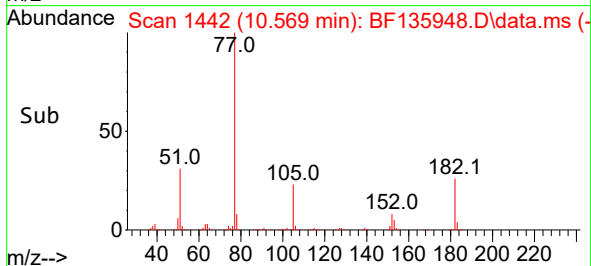
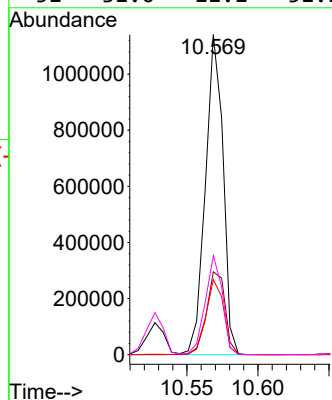
Ion Ratio Lower Upper

77 100

182 25.9 5.1 45.1

105 23.5 2.8 42.8

51 31.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

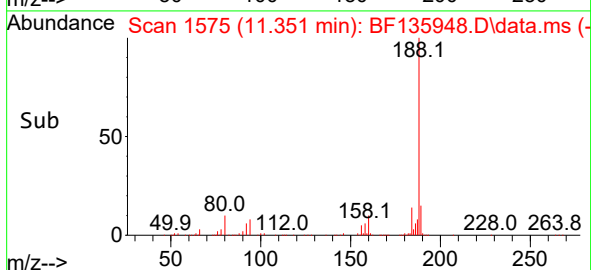
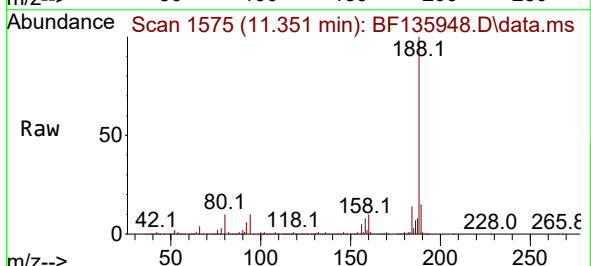
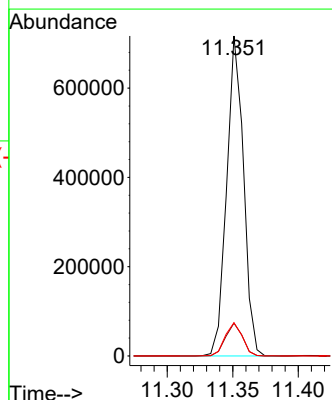
Tgt Ion:188 Resp: 639795

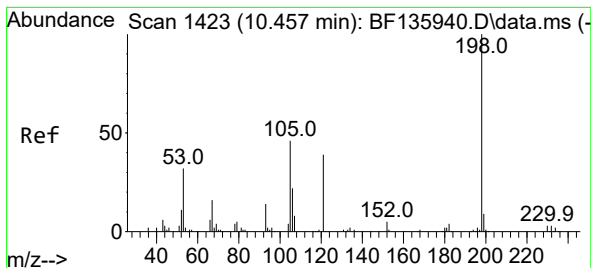
Ion Ratio Lower Upper

188 100

94 10.2 8.6 13.0

80 10.4 9.0 13.6

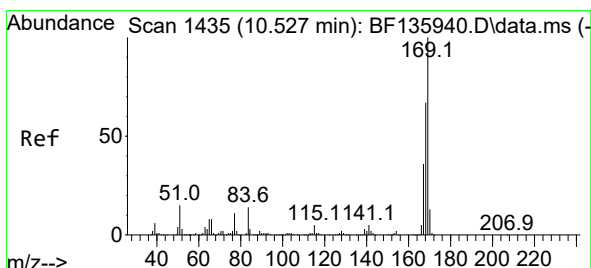
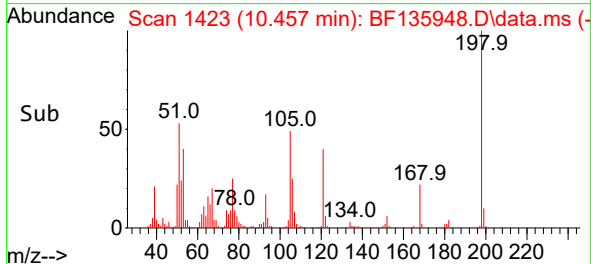
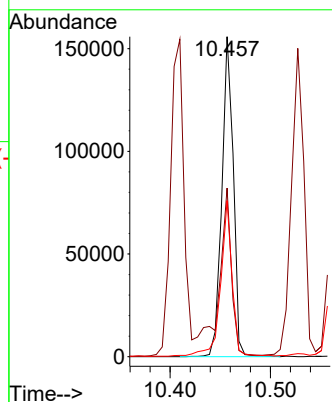
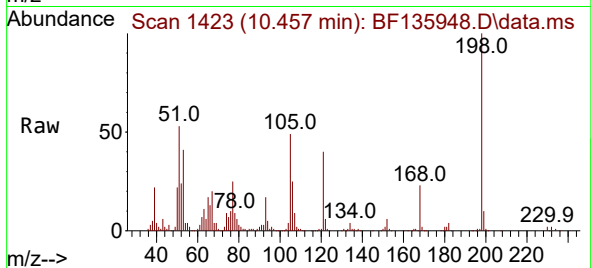




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.128 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

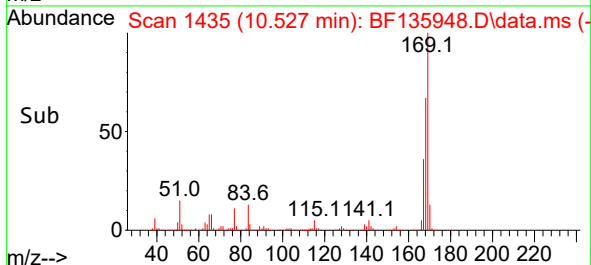
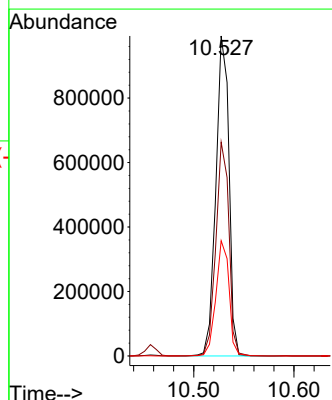
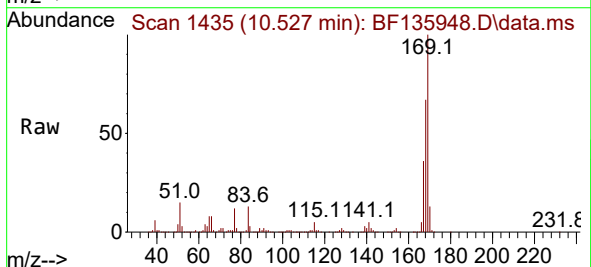
Instrument :  
BNA\_M  
ClientSampleId :

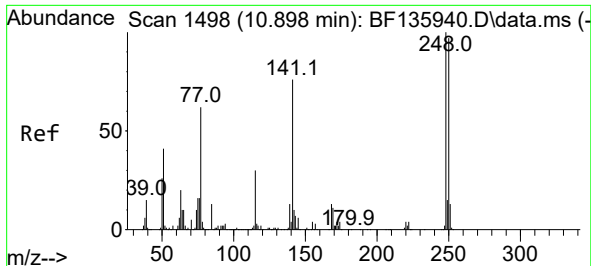
Tgt Ion:198 Resp: 122991  
Ion Ratio Lower Upper  
198 100  
51 52.7 28.7 68.7  
105 48.8 27.2 67.2



#66  
n-Nitrosodiphenylamine  
Concen: 46.502 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:169 Resp: 898793  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.5 80.3  
167 36.0 29.0 43.4

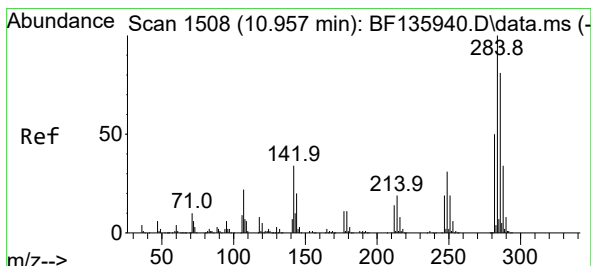
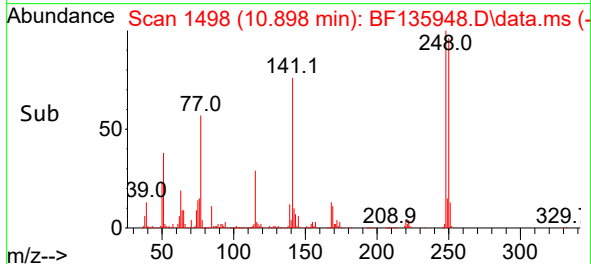
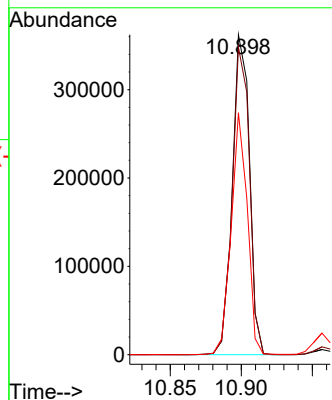
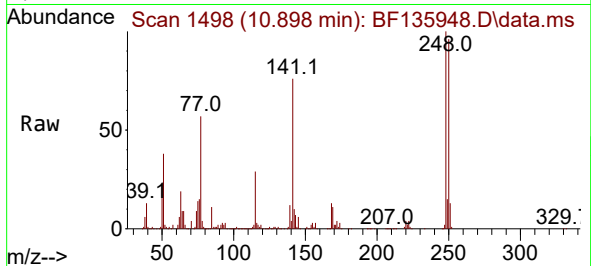




#67  
4-Bromophenyl-phenylether  
Concen: 46.715 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

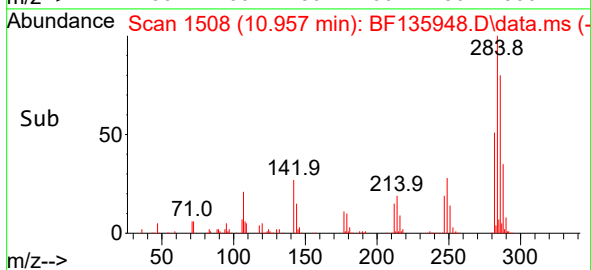
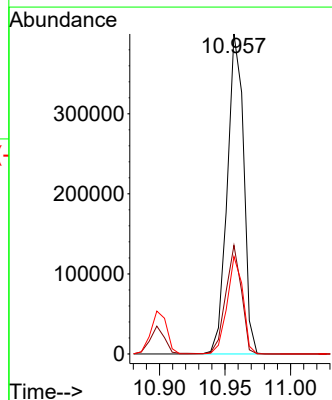
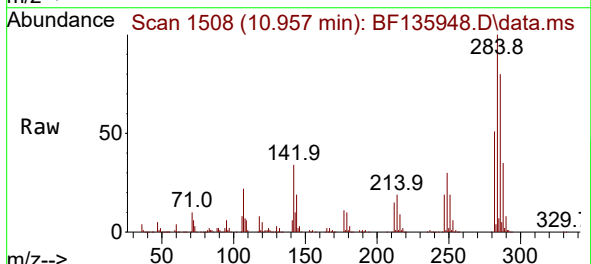
Instrument :  
BNA\_M  
ClientSampleId :

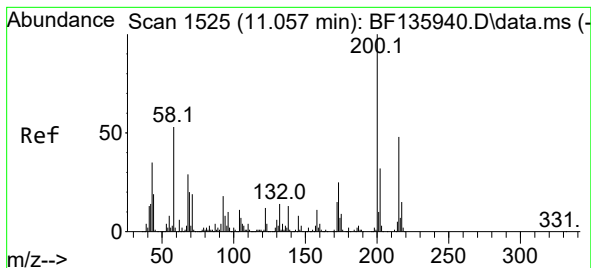
Tgt Ion:248 Resp: 306089  
Ion Ratio Lower Upper  
248 100  
250 96.1 77.9 116.9  
141 75.6 60.8 91.2



#68  
Hexachlorobenzene  
Concen: 49.549 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:284 Resp: 346808  
Ion Ratio Lower Upper  
284 100  
142 34.0 27.6 41.4  
249 30.5 24.7 37.1





#69

Atrazine

Concen: 56.559 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

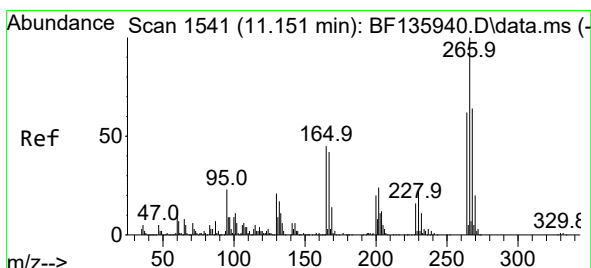
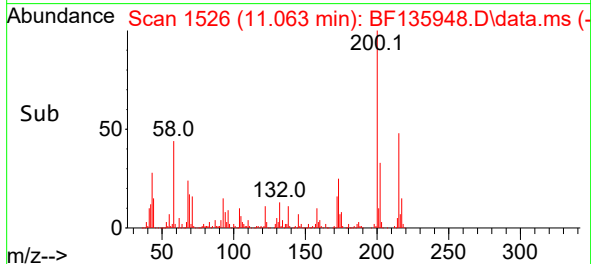
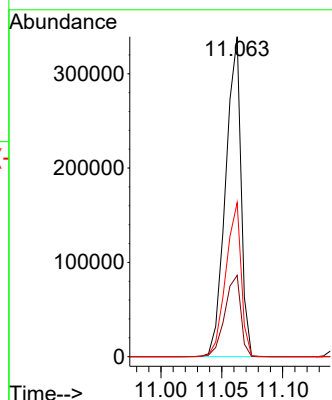
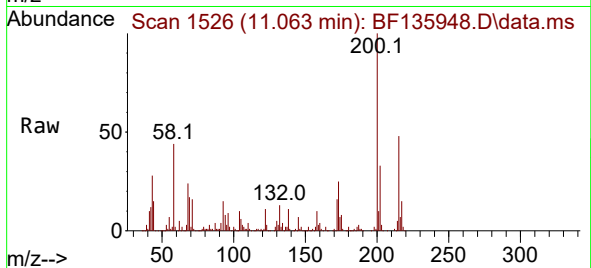
Tgt Ion:200 Resp: 298011

Ion Ratio Lower Upper

200 100

173 25.4 5.5 45.5

215 48.1 27.5 67.5



#70

Pentachlorophenol

Concen: 89.996 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

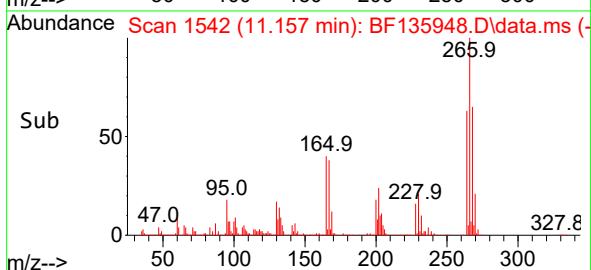
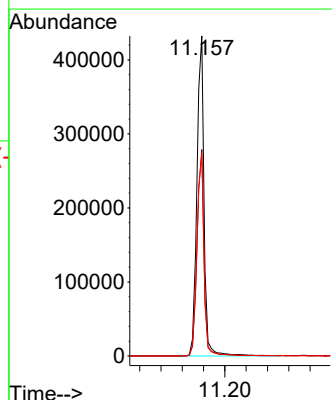
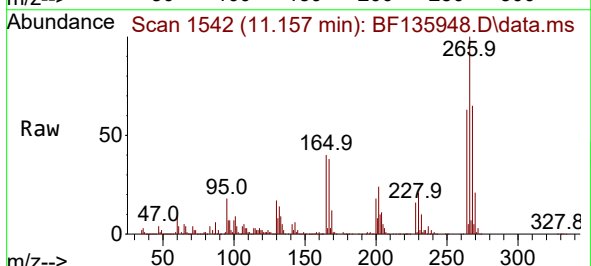
Tgt Ion:266 Resp: 401857

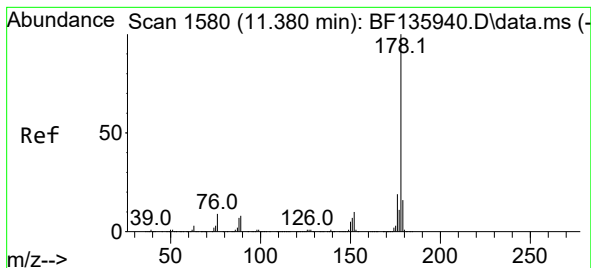
Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 47.377 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

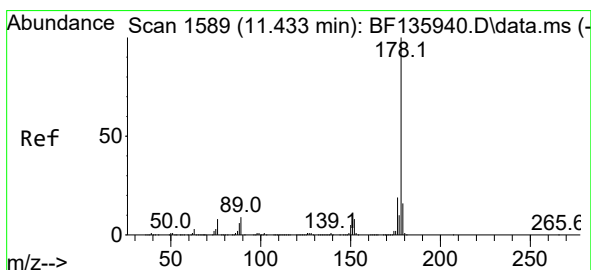
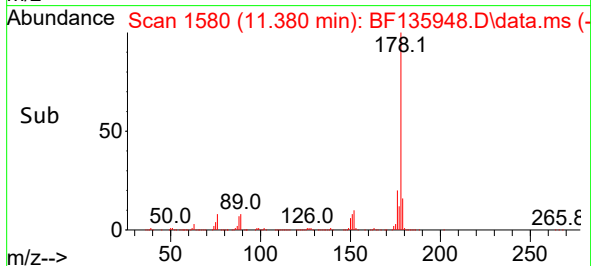
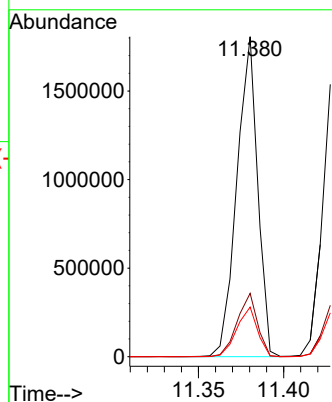
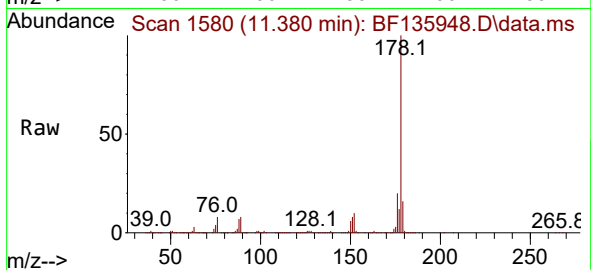
Tgt Ion:178 Resp: 1533549

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

179 15.5 12.5 18.7



#72

Anthracene

Concen: 46.580 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

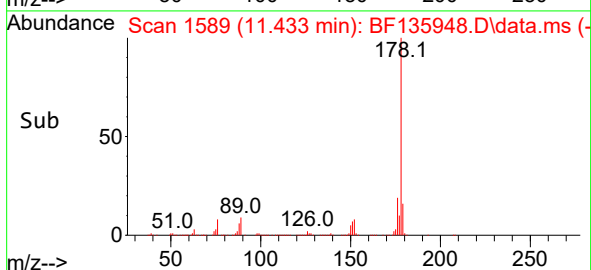
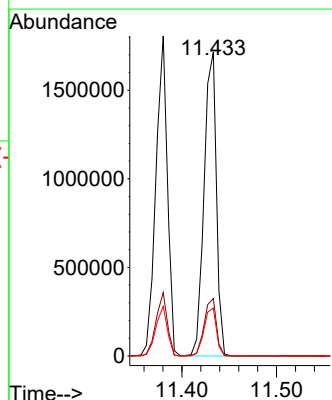
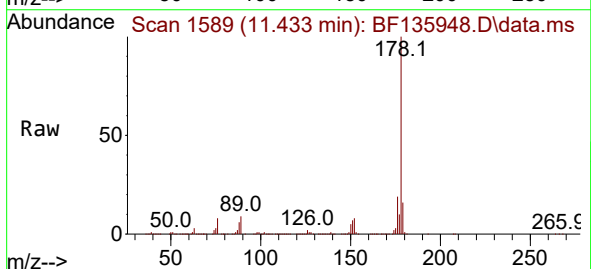
Tgt Ion:178 Resp: 1543823

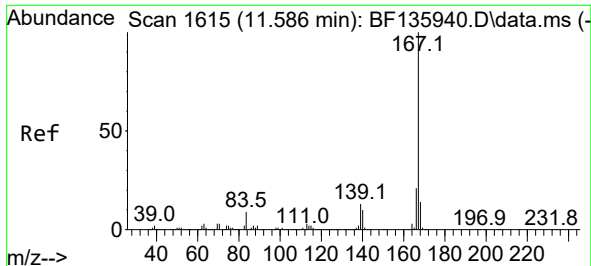
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

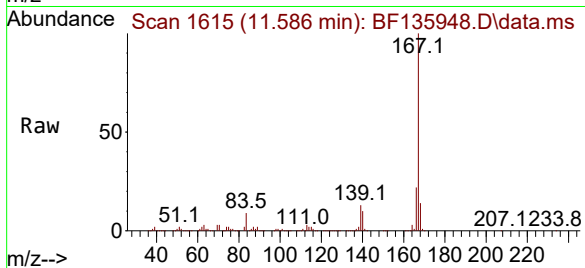
179 15.8 12.5 18.7



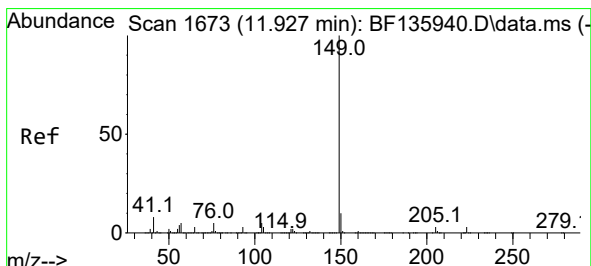
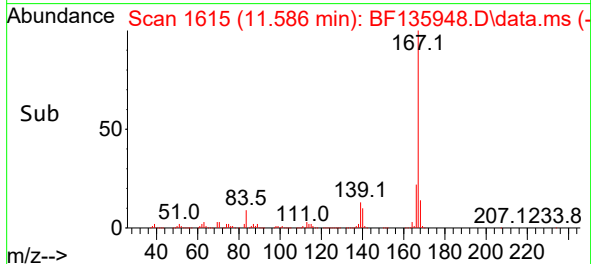
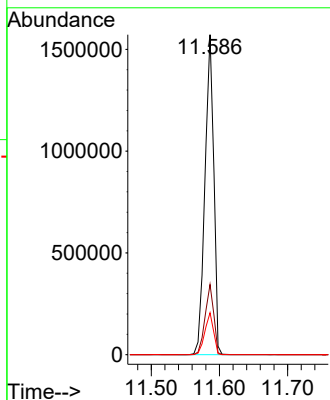


#73  
 Carbazole  
 Concen: 47.888 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. -0.000 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

Instrument :  
 BNA\_M  
 ClientSampleId :

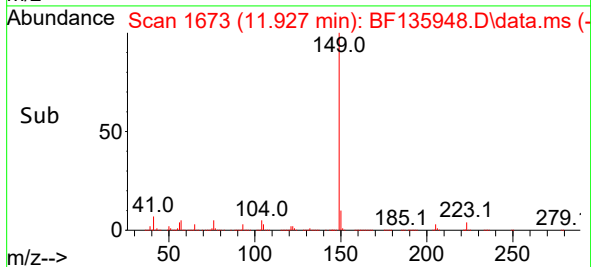
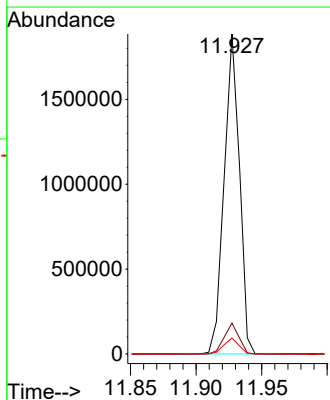
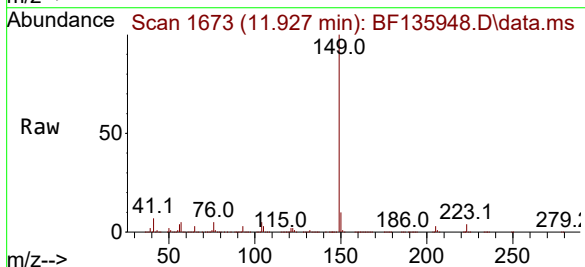


Tgt Ion:167 Resp: 1415837  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.0 25.6  
 139 13.1 10.4 15.6

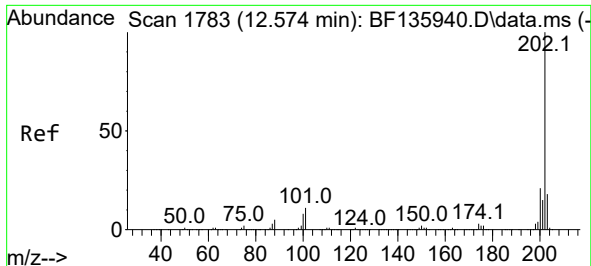


#74  
 Di-n-butylphthalate  
 Concen: 48.433 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. -0.000 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

Tgt Ion:149 Resp: 1523740  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.7 11.5  
 104 5.0 3.9 5.9

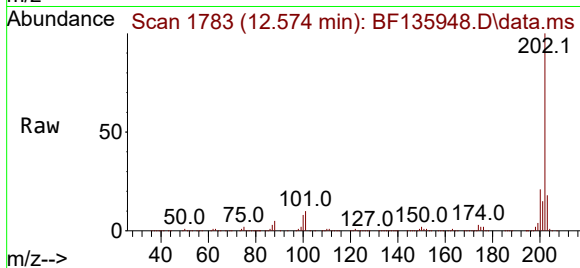




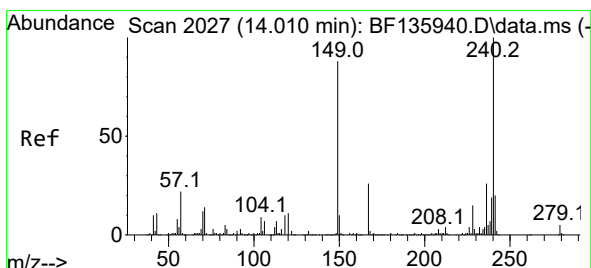
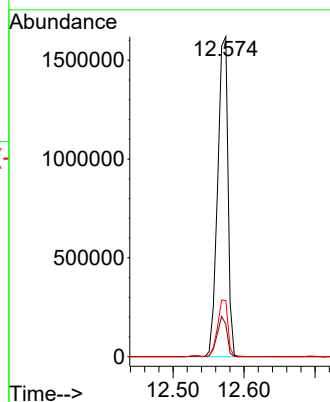
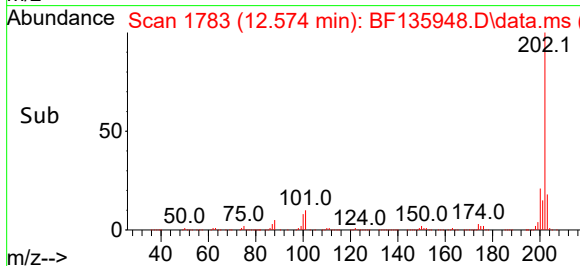


#75  
Fluoranthene  
Concen: 47.837 ng  
RT: 12.574 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

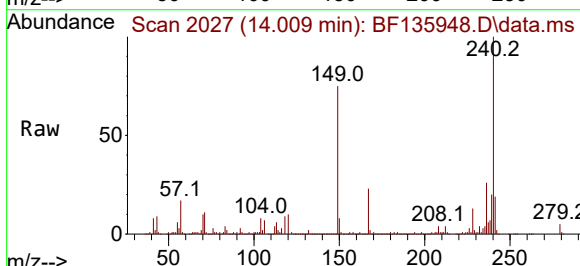
Instrument :  
BNA\_M  
ClientSampleId :



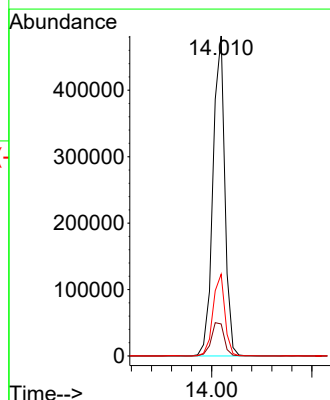
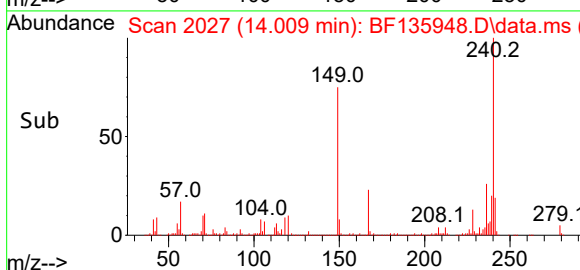
Tgt Ion:202 Resp: 1629007  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 30.6  
203 17.6 0.0 37.5

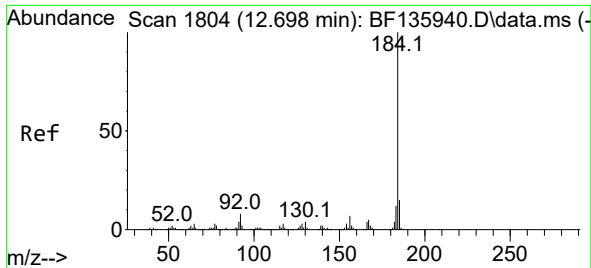


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.009 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53



Tgt Ion:240 Resp: 396864  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 13.0  
236 25.5 20.6 30.8

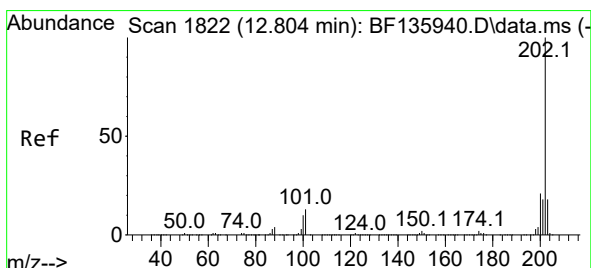
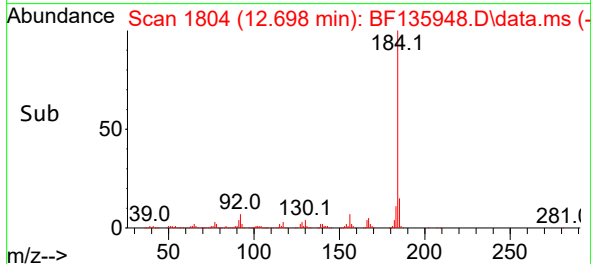
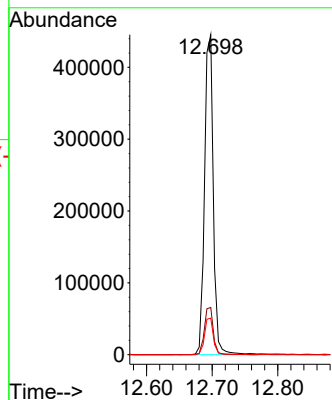
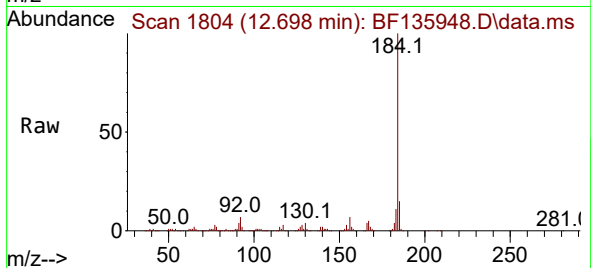




#77  
Benzidine  
Concen: 54.310 ng  
RT: 12.698 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

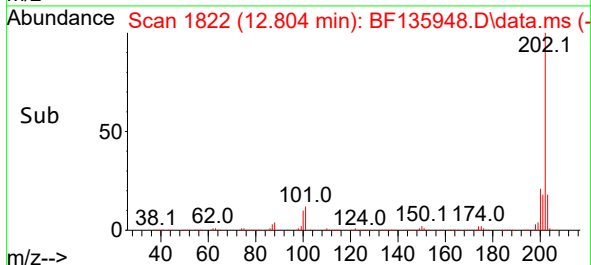
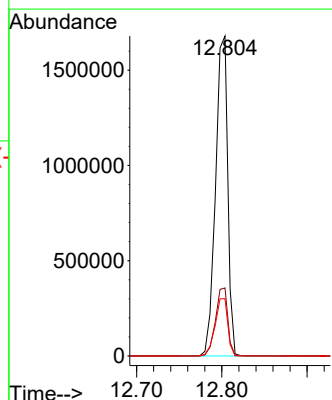
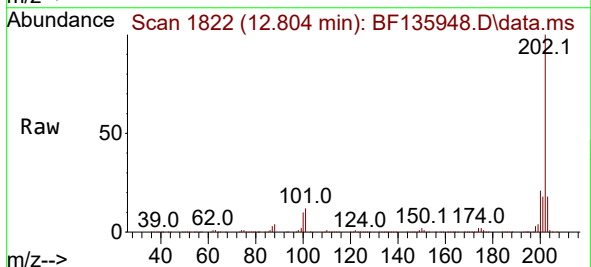
Instrument :  
BNA\_M  
ClientSampleId :

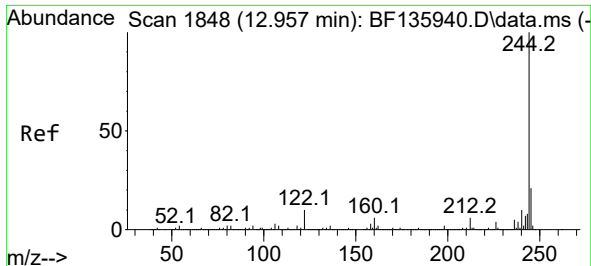
Tgt Ion:184 Resp: 415604  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.7 17.5  
183 11.4 9.2 13.8



#78  
Pyrene  
Concen: 50.055 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

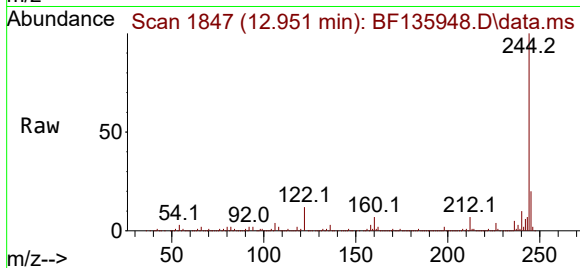
Tgt Ion:202 Resp: 1667935  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.9 14.5 21.7



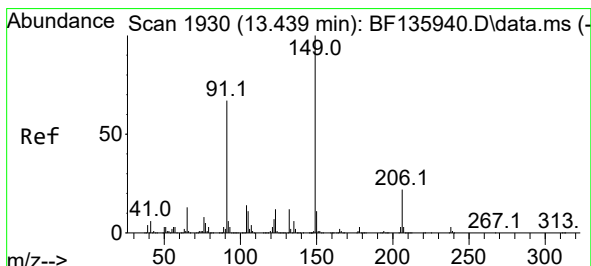
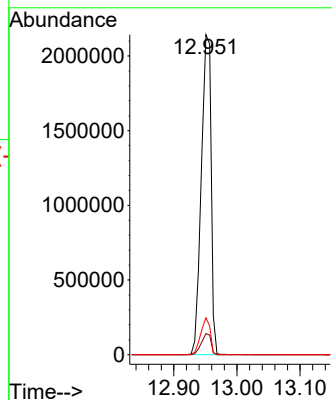
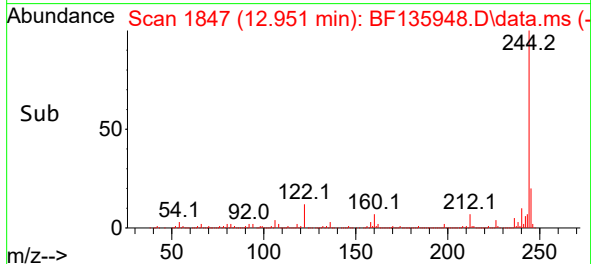


#79  
 Terphenyl-d14  
 Concen: 97.517 ng  
 RT: 12.951 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

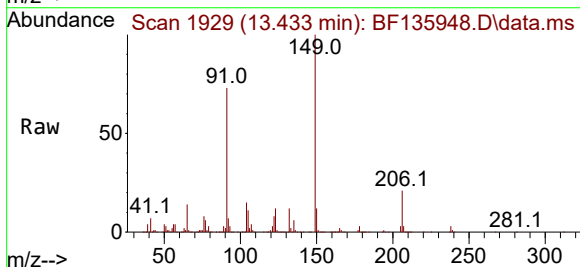
Instrument :  
 BNA\_M  
 ClientSampleId :



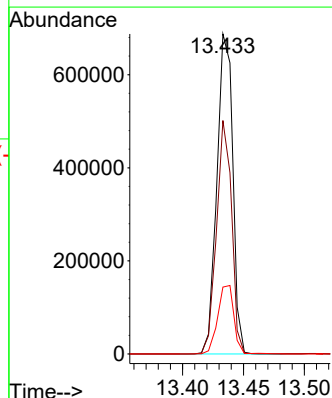
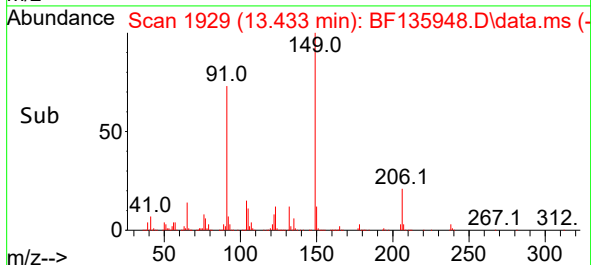
Tgt Ion:244 Resp: 2316356  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.0 7.6  
 122 11.5 8.0 12.0

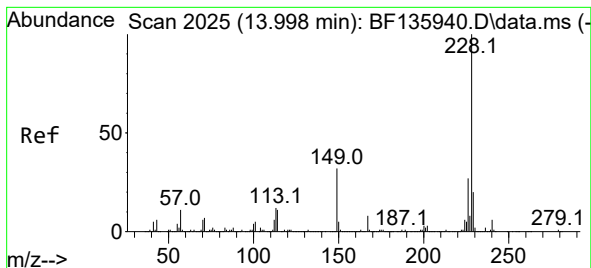


#80  
 Butylbenzylphthalate  
 Concen: 49.597 ng  
 RT: 13.433 min Scan# 1929  
 Delta R.T. -0.006 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53



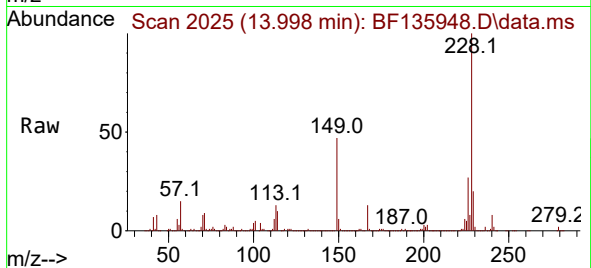
Tgt Ion:149 Resp: 626338  
 Ion Ratio Lower Upper  
 149 100  
 91 73.0 53.4 80.0  
 206 20.9 17.5 26.3



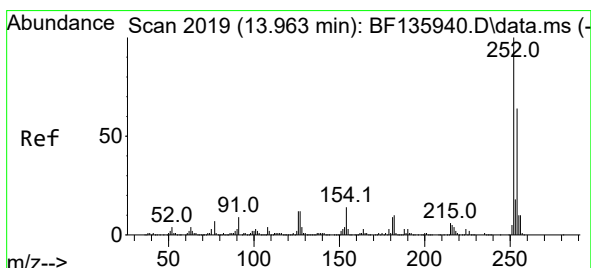
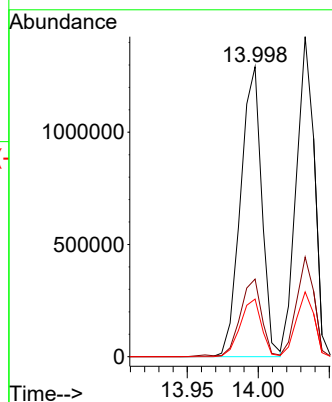
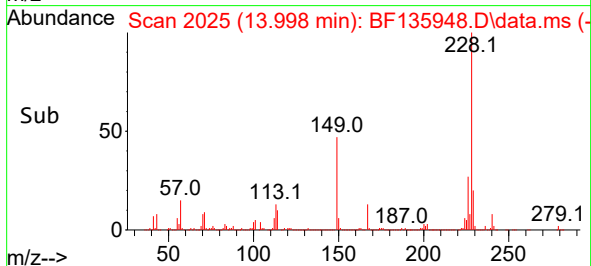


#81  
Benzo(a)anthracene  
Concen: 49.915 ng  
RT: 13.998 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

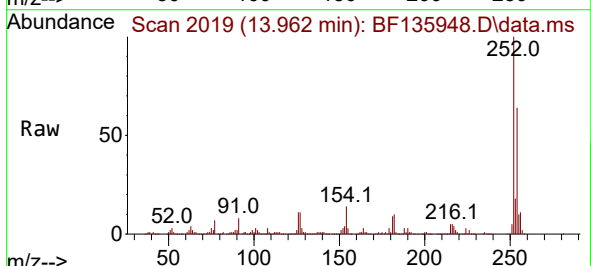
Instrument :  
BNA\_M  
ClientSampleId :



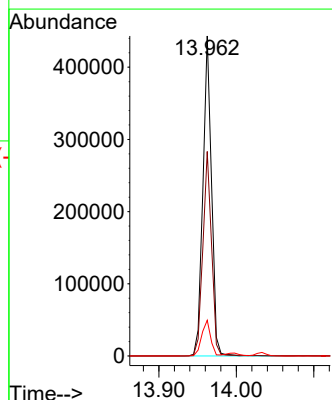
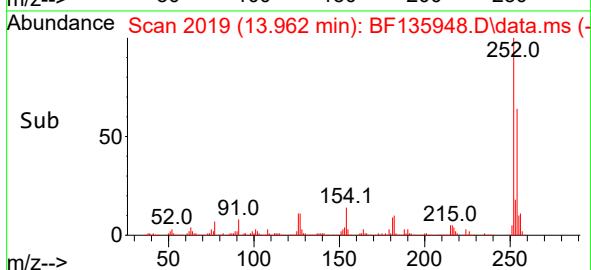
Tgt Ion:228 Resp: 1346926  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.8 32.6  
229 19.9 16.2 24.4

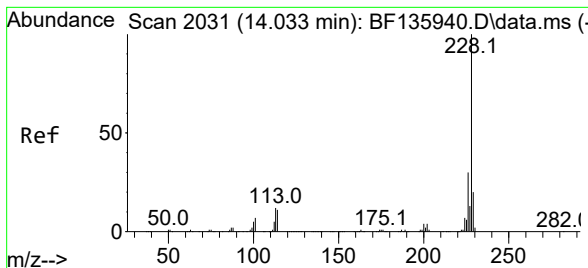


#82  
3,3'-Dichlorobenzidine  
Concen: 41.748 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53



Tgt Ion:252 Resp: 342740  
Ion Ratio Lower Upper  
252 100  
254 63.9 50.9 76.3  
126 11.2 9.8 14.6





#83

Chrysene

Concen: 47.917 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

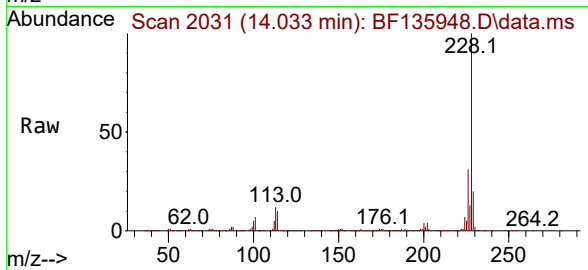
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :



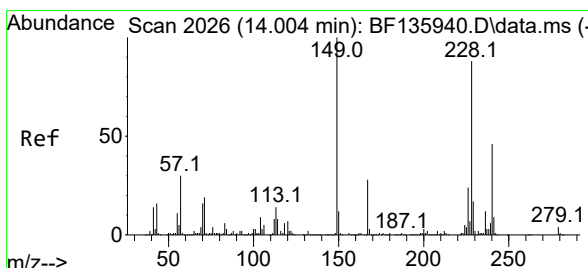
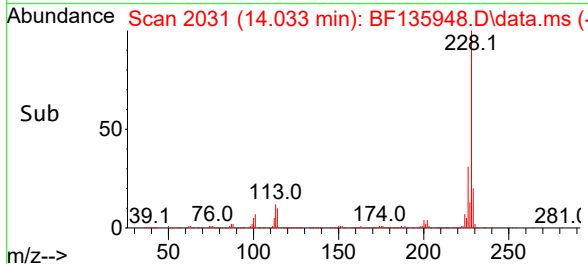
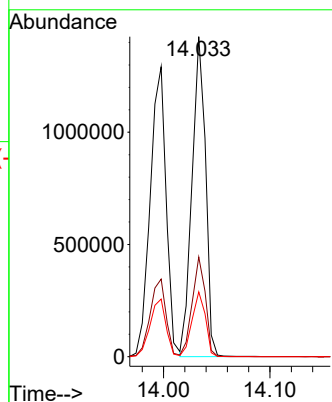
Tgt Ion:228 Resp: 1259342

Ion Ratio Lower Upper

228 100

226 31.2 23.9 35.9

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.215 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

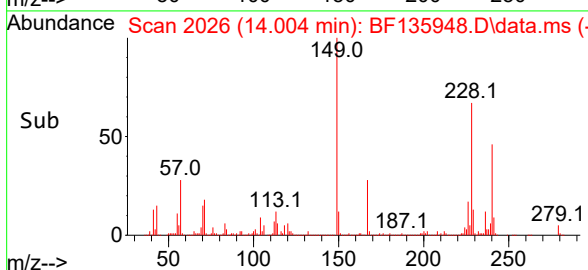
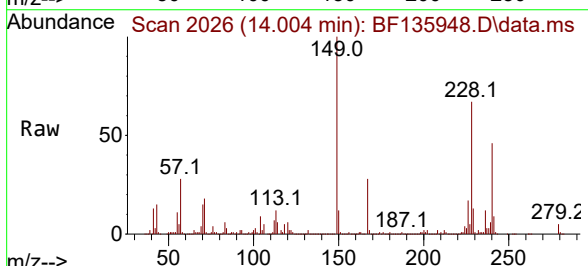
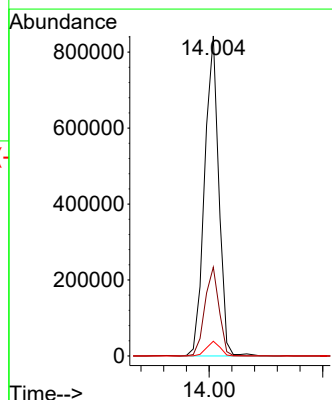
Tgt Ion:149 Resp: 729176

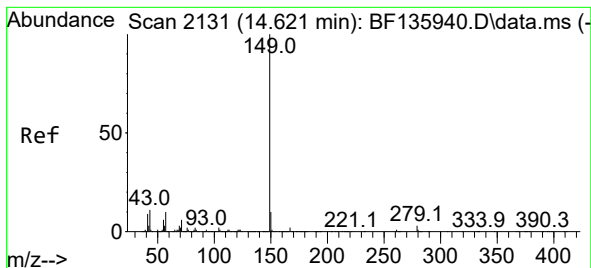
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.491 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

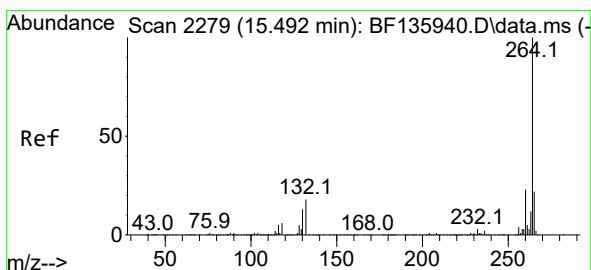
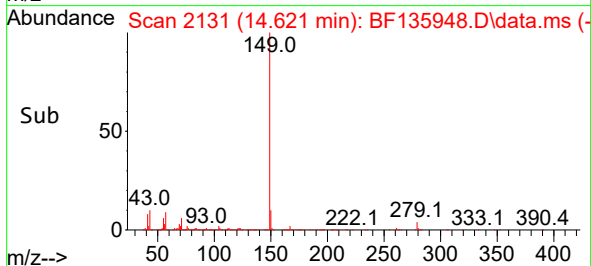
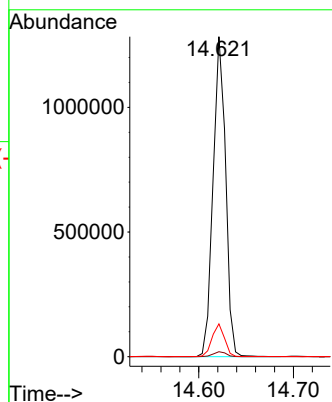
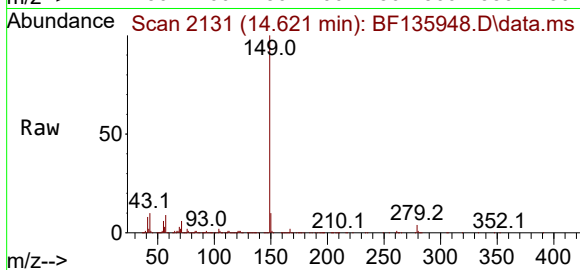
Tgt Ion:149 Resp: 1176217

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.3 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

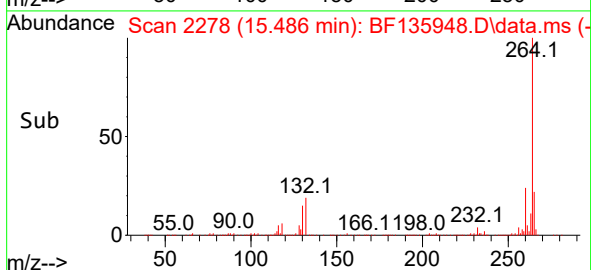
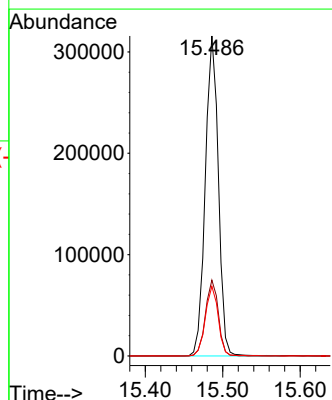
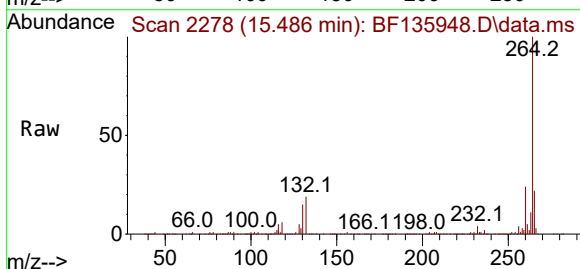
Tgt Ion:264 Resp: 369357

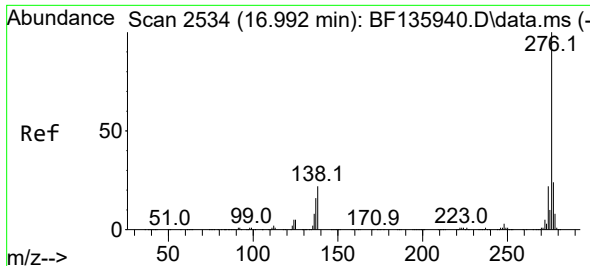
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

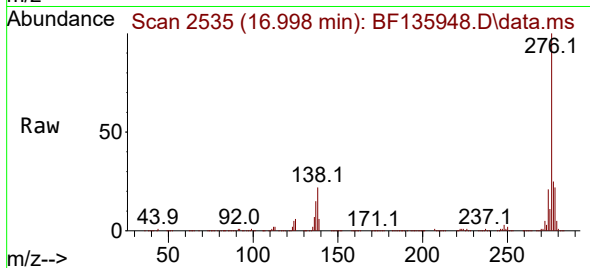
265 21.8 17.3 25.9



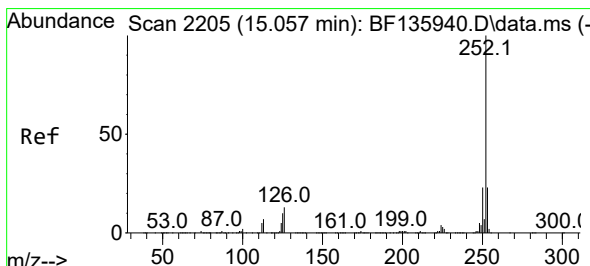
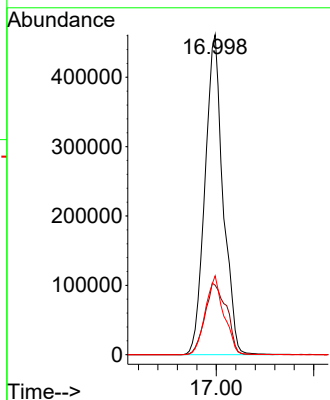
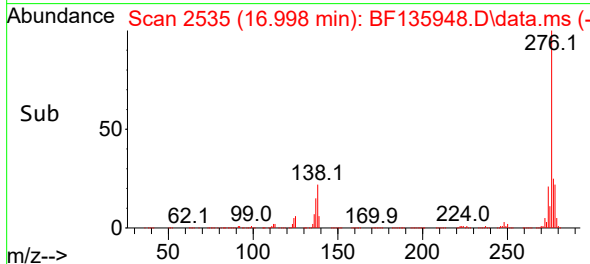


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 56.683 ng  
 RT: 16.998 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53

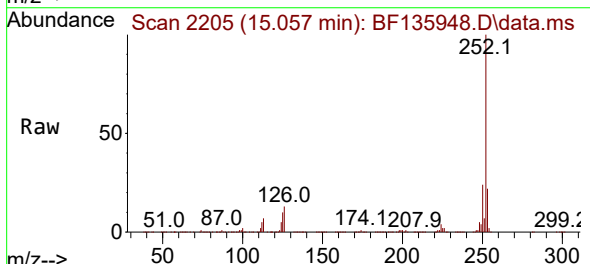
Instrument :  
 BNA\_M  
 ClientSampleId :



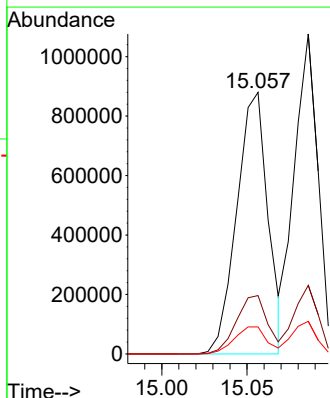
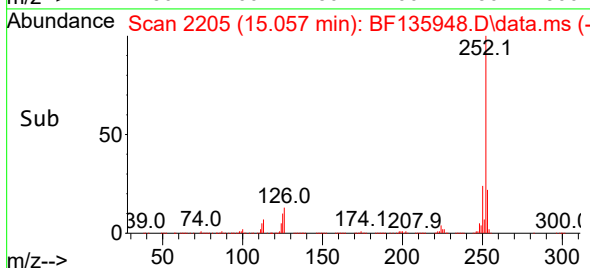
Tgt Ion:276 Resp: 1187166  
 Ion Ratio Lower Upper  
 276 100  
 138 26.9 21.8 32.6  
 277 25.2 20.0 30.0

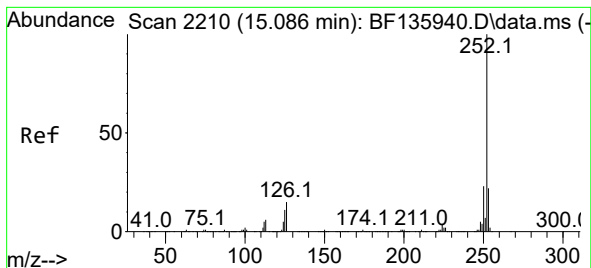


#88  
 Benzo(b)fluoranthene  
 Concen: 51.011 ng  
 RT: 15.057 min Scan# 2205  
 Delta R.T. -0.000 min  
 Lab File: BF135948.D  
 Acq: 25 Oct 2023 18:53



Tgt Ion:252 Resp: 1121288  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 18.0 27.0  
 125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.520 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA\_M

ClientSampleId :

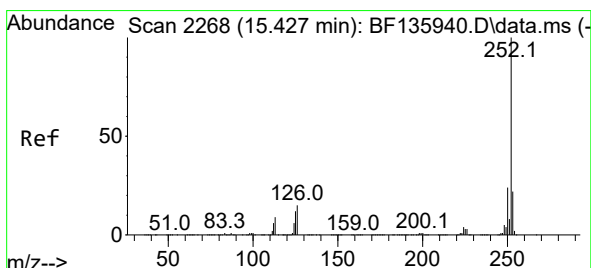
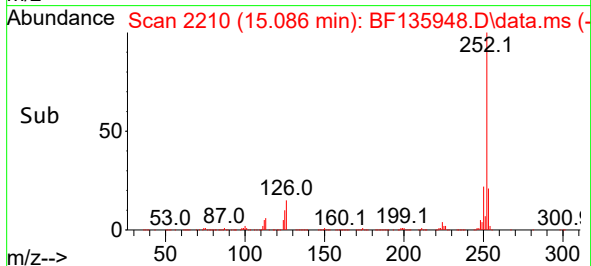
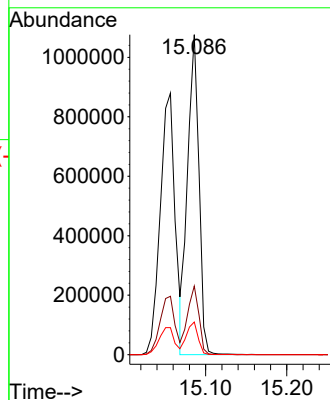
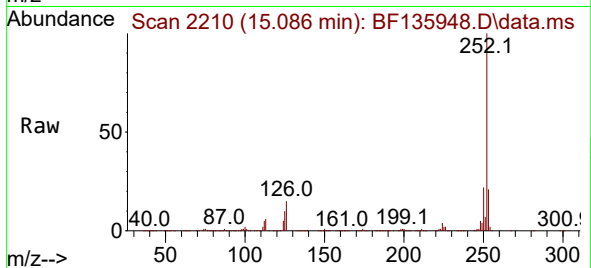
Tgt Ion:252 Resp: 1047473

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 10.2 8.5 12.7



#90

Benzo(a)pyrene

Concen: 47.756 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

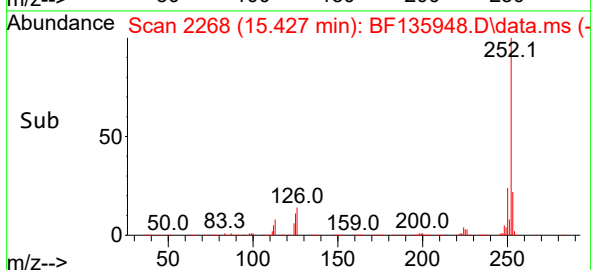
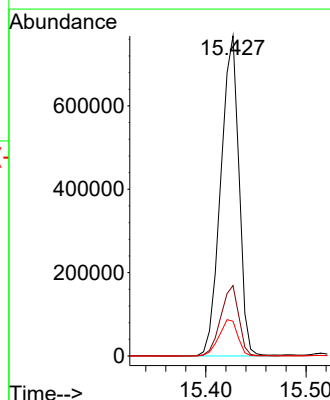
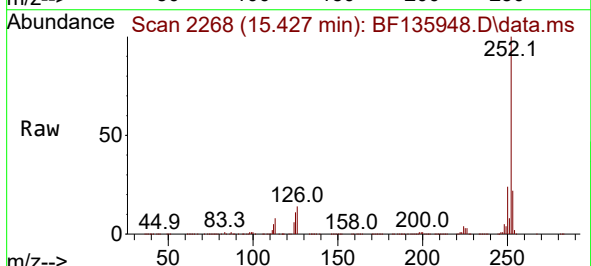
Tgt Ion:252 Resp: 967471

Ion Ratio Lower Upper

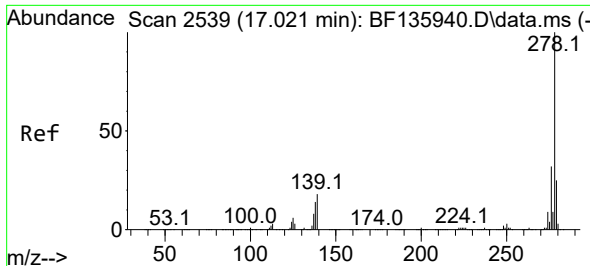
252 100

253 22.0 17.4 26.2

125 10.9 9.6 14.4





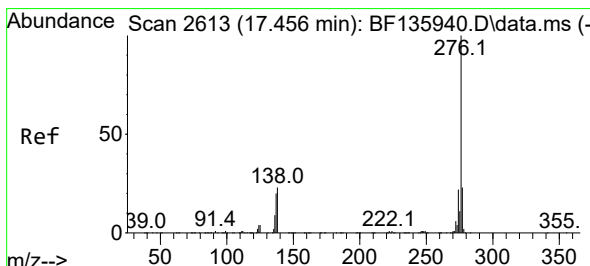
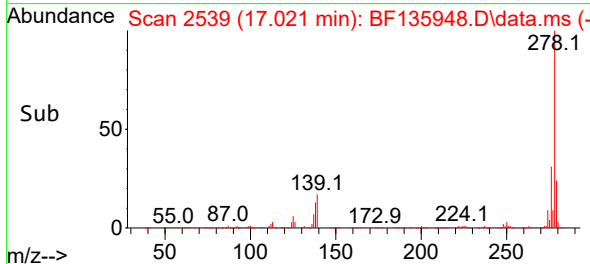
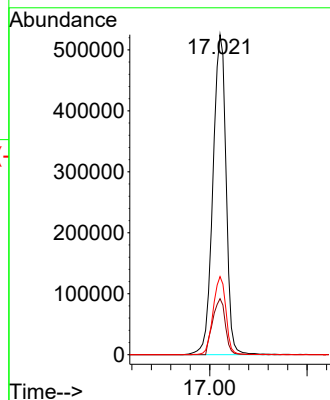
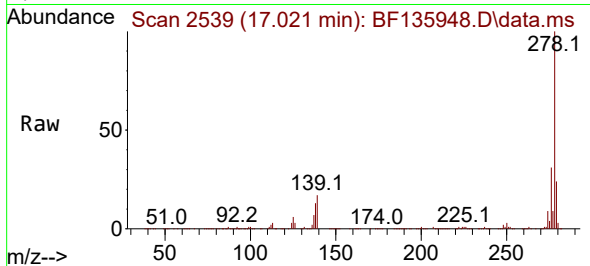


#91  
Dibenzo(a,h)anthracene  
Concen: 54.817 ng  
RT: 17.021 min Scan# 2539  
Delta R.T. -0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:278 Resp: 982018  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.5  | 14.0  | 21.0  |
| 279 | 24.4  | 19.7  | 29.5  |



#92  
Benzo(g,h,i)perylene  
Concen: 47.389 ng  
RT: 17.456 min Scan# 2613  
Delta R.T. 0.000 min  
Lab File: BF135948.D  
Acq: 25 Oct 2023 18:53

Tgt Ion:276 Resp: 964189  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 18.6  | 28.0  |
| 138 | 23.0  | 18.4  | 27.6  |

