

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111622\  
 Data File : BF131257.D  
 Acq On : 16 Nov 2022 10:51  
 Operator : CG\JU  
 Sample : PB148855BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

Quant Time: Nov 16 22:11:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 06:35:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.975  | 152  | 98647    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.269  | 136  | 359414   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.033 | 164  | 208056   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.533 | 188  | 379876   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.192 | 240  | 270671   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.733 | 264  | 207466   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.598  | 112  | 743034   | 133.378 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.598  | 99   | 929784   | 131.773 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.545  | 82   | 602804   | 94.140  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.833 | 330  | 275794   | 138.773 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.351  | 172  | 1129867  | 79.472  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.127 | 244  | 1426989  | 90.535  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.893  | 88   | 93695    | 36.710  | ng    | 96       |
| 3) Pyridine                   | 3.634  | 79   | 247071   | 34.248  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.610  | 42   | 183446   | 43.627  | ng    | 97       |
| 6) Aniline                    | 6.639  | 93   | 259755   | 29.349  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.757  | 128  | 275681   | 44.022  | ng    | 98       |
| 9) Benzaldehyde               | 6.522  | 77   | 76839    | 15.013  | ng    | 97       |
| 10) Phenol                    | 6.610  | 94   | 333681   | 42.274  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.710  | 93   | 262190   | 42.423  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.916  | 146  | 294942   | 41.631  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.992  | 146  | 296592   | 41.395  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.145  | 146  | 286666   | 43.288  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.116  | 79   | 157124   | 25.636  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.251  | 45   | 502285   | 43.148  | ng    | 99       |
| 17) 2-Methylphenol            | 7.222  | 107  | 231494   | 43.300  | ng    | 98       |
| 18) Hexachloroethane          | 7.492  | 117  | 112354   | 43.134  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.392  | 70   | 204795   | 41.653  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.375  | 107  | 292365   | 42.278  | ng    | 91       |
| 22) Acetophenone              | 7.386  | 105  | 399064   | 42.595  | ng    | 99       |
| 24) Nitrobenzene              | 7.563  | 77   | 317317   | 45.904  | ng    | 99       |
| 25) Isophorone                | 7.804  | 82   | 558086   | 43.627  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.881  | 139  | 124320   | 45.165  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.910  | 122  | 275381   | 52.593  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 8.010  | 93   | 322513   | 44.717  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.116  | 162  | 236200   | 41.713  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.204  | 180  | 268690   | 40.472  | ng    | 99       |
| 31) Naphthalene               | 8.292  | 128  | 776682   | 39.886  | ng    | 99       |
| 32) Benzoic acid              | 8.033  | 122  | 150696   | 40.890  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.333  | 127  | 100023   | 13.049  | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.404  | 225  | 172476   | 41.048  | ng    | 97       |
| 35) Caprolactam               | 8.769  | 113  | 22978    | 13.732  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 8.816  | 107  | 259930   | 43.610  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.986  | 142  | 525995   | 40.559  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.086  | 142  | 495328   | 39.389  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.151  | 216  | 267666   | 39.957  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.133  | 237  | 342504   | 99.755  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.257  | 196  | 161761   | 36.935  | ng    | 98       |

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 ALS Vial : 5 Sample Multiplier: 1

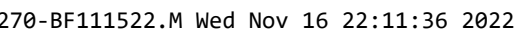
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

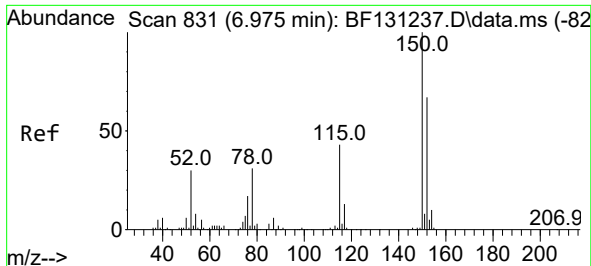
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 06:35:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.298  | 196  | 200143   | 42.585 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.451  | 154  | 650246   | 40.655 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.480  | 162  | 509824   | 39.348 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.575  | 65   | 181510   | 44.024 | ng    | 94       |
| 49) Acenaphthylene            | 9.898  | 152  | 786662   | 39.760 | ng    | 99       |
| 50) Dimethylphthalate         | 9.757  | 163  | 605449   | 40.639 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 128721   | 44.291 | ng    | 92       |
| 52) Acenaphthene              | 10.069 | 154  | 542661   | 43.940 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.986  | 138  | 72579    | 24.664 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.092 | 184  | 111049   | 82.773 | ng    | 92       |
| 55) Dibenzofuran              | 10.245 | 168  | 710082   | 40.131 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.139 | 139  | 192282   | 82.028 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.222 | 165  | 165648   | 45.863 | ng    | 97       |
| 58) Fluorene                  | 10.586 | 166  | 556779   | 39.988 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.357 | 232  | 169856   | 42.662 | ng    | 99       |
| 60) Diethylphthalate          | 10.457 | 149  | 576206   | 40.915 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.580 | 204  | 283104   | 41.120 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.610 | 138  | 122466   | 40.195 | ng    | 96       |
| 63) Azobenzene                | 10.739 | 77   | 597193   | 40.503 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.627 | 198  | 69234    | 41.764 | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 10.698 | 169  | 489526   | 40.561 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.074 | 248  | 183736   | 41.194 | ng    | 92       |
| 68) Hexachlorobenzene         | 11.133 | 284  | 199687   | 41.311 | ng    | 95       |
| 69) Atrazine                  | 11.227 | 200  | 173068   | 43.748 | ng    | 97       |
| 70) Pentachlorophenol         | 11.327 | 266  | 235642   | 83.521 | ng    | 98       |
| 71) Phenanthrene              | 11.557 | 178  | 842853   | 40.203 | ng    | 99       |
| 72) Anthracene                | 11.610 | 178  | 859478   | 41.967 | ng    | 100      |
| 73) Carbazole                 | 11.763 | 167  | 770126   | 42.010 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.092 | 149  | 893713   | 41.890 | ng    | 99       |
| 75) Fluoranthene              | 12.751 | 202  | 956020   | 41.348 | ng    | 99       |
| 77) Benzidine                 | 12.874 | 184  | 188766   | 32.544 | ng    | 99       |
| 78) Pyrene                    | 12.986 | 202  | 970973   | 41.615 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.604 | 149  | 361360   | 45.699 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.180 | 228  | 755097   | 40.141 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.139 | 252  | 171246   | 31.111 | ng    | 98       |
| 83) Chrysene                  | 14.215 | 228  | 712641   | 38.888 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.163 | 149  | 443639   | 44.610 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.792 | 149  | 626830   | 44.603 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.321 | 276  | 586489   | 42.791 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.274 | 252  | 614618   | 42.431 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.304 | 252  | 611234   | 42.566 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.668 | 252  | 526287   | 45.452 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.345 | 278  | 497286   | 44.224 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.809 | 276  | 480924   | 38.944 | ng    | 98       |

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

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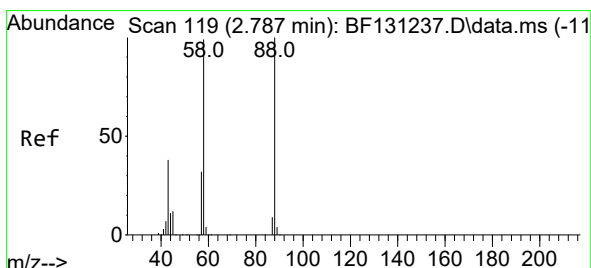
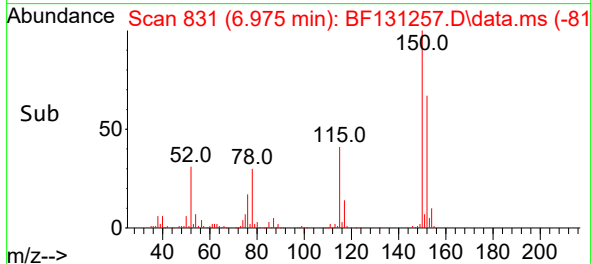
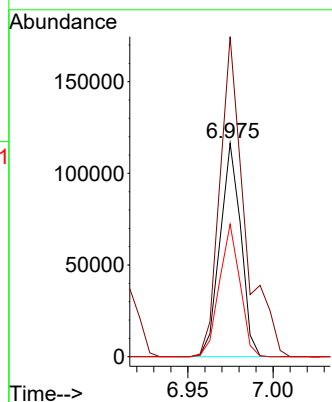
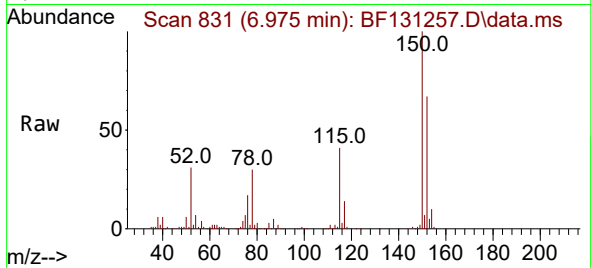




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.975 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

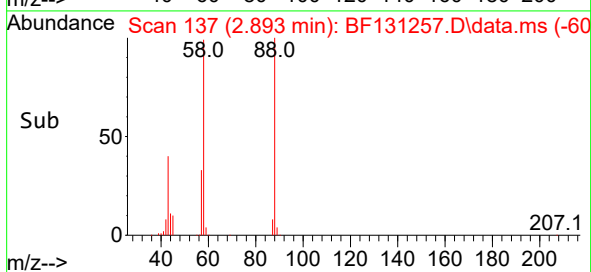
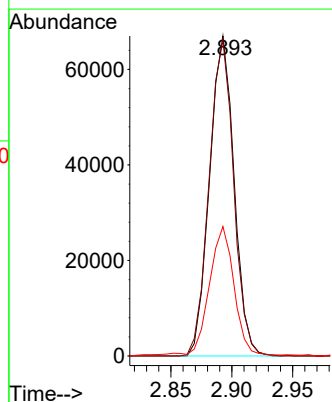
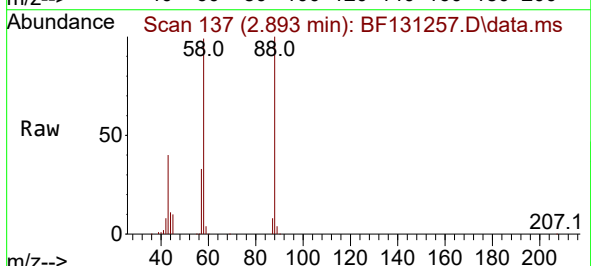
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 PB148855BS

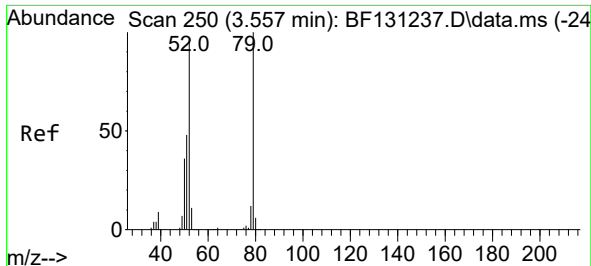
Tgt Ion:152 Resp: 98647  
 Ion Ratio Lower Upper  
 152 100  
 150 149.9 120.2 180.4  
 115 62.0 51.8 77.8



#2  
 1,4-Dioxane  
 Concen: 36.710 ng  
 RT: 2.893 min Scan# 137  
 Delta R.T. 0.106 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

Tgt Ion: 88 Resp: 93695  
 Ion Ratio Lower Upper  
 88 100  
 58 99.5 77.1 115.7  
 43 42.0 31.3 46.9





#3

Pyridine

Concen: 34.248 ng

RT: 3.634 min Scan# 2

Delta R.T. 0.076 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

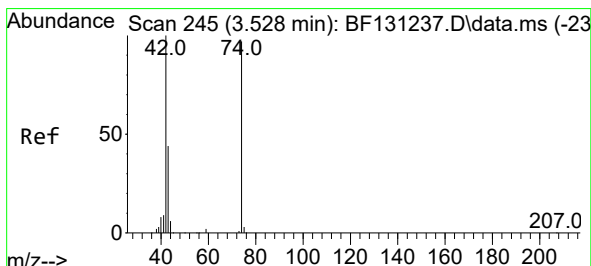
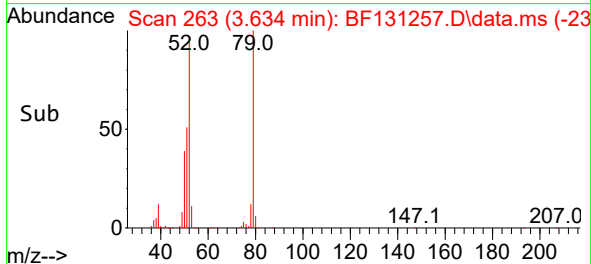
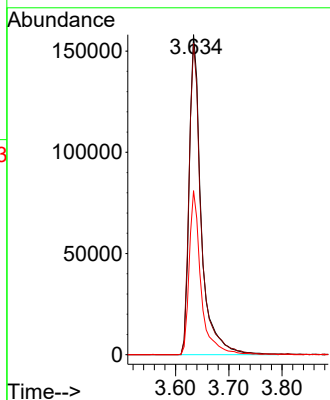
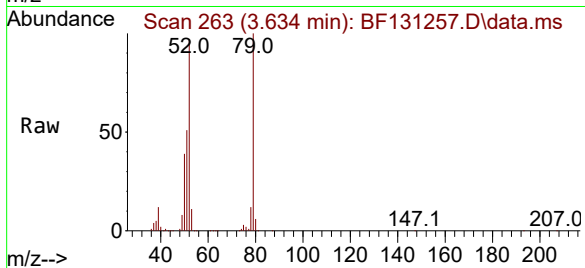
Tgt Ion: 79 Resp: 247071

Ion Ratio Lower Upper

79 100

52 97.2 77.7 116.5

51 51.3 38.7 58.1



#4

n-Nitrosodimethylamine

Concen: 43.627 ng

RT: 3.610 min Scan# 259

Delta R.T. 0.082 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

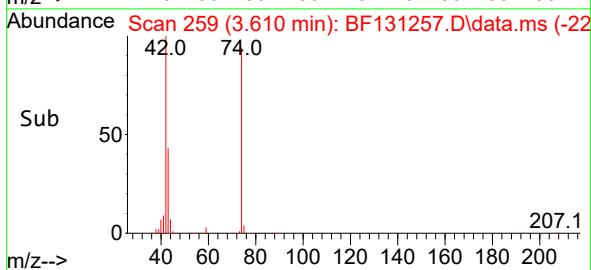
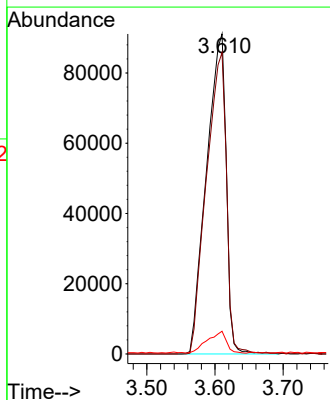
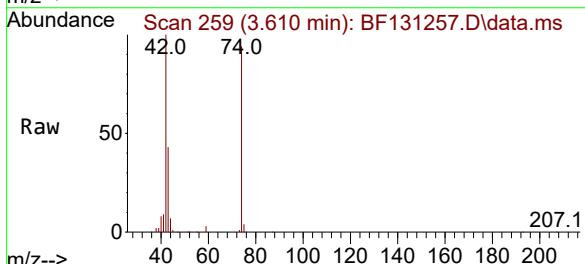
Tgt Ion: 42 Resp: 183446

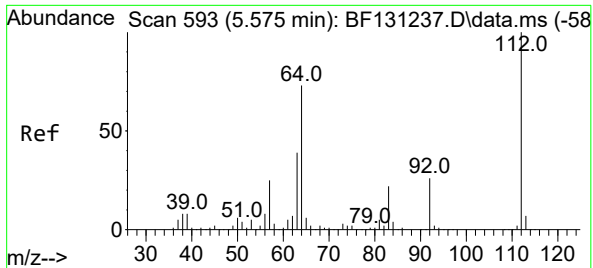
Ion Ratio Lower Upper

42 100

74 94.2 77.8 116.6

44 7.1 5.9 8.9

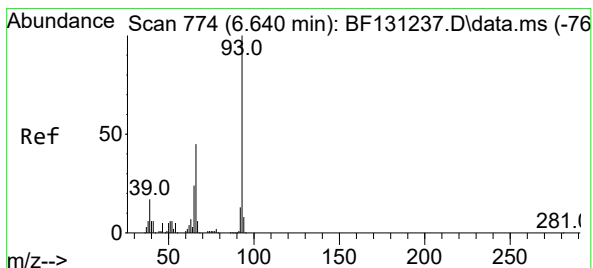
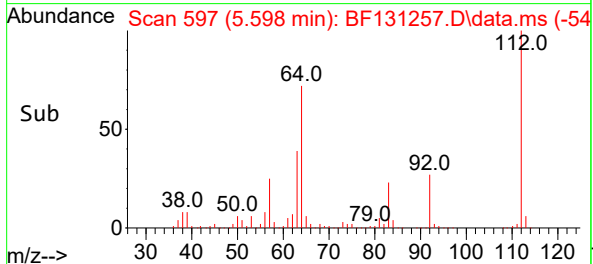
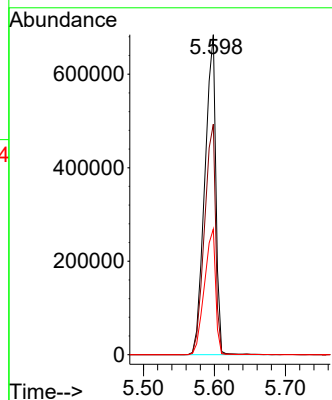
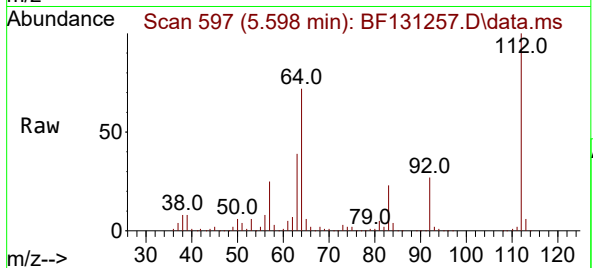




#5  
2-Fluorophenol  
Concen: 133.378 ng  
RT: 5.598 min Scan# 593  
Delta R.T. 0.023 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

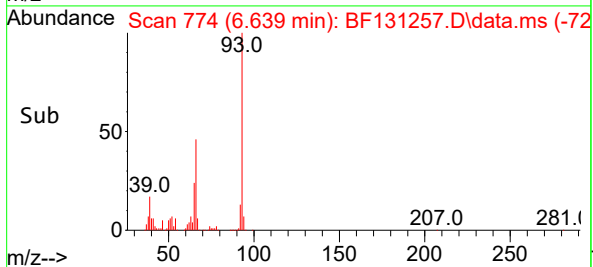
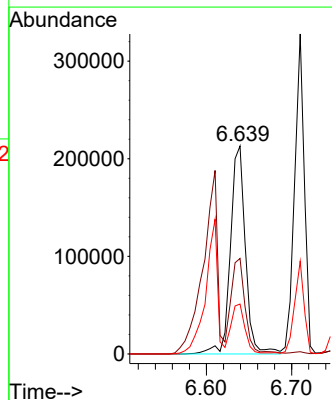
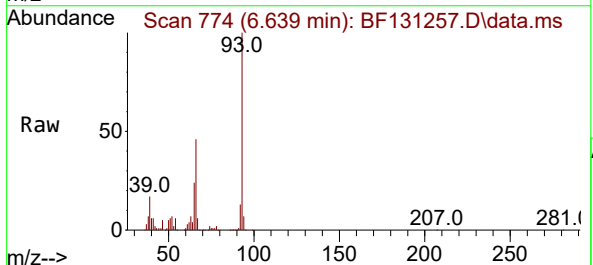
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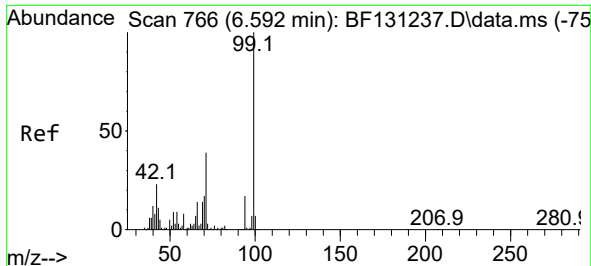
Tgt Ion:112 Resp: 743034  
Ion Ratio Lower Upper  
112 100  
64 72.0 58.4 87.6  
63 39.3 31.6 47.4



#6  
Aniline  
Concen: 29.349 ng  
RT: 6.639 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 93 Resp: 259755  
Ion Ratio Lower Upper  
93 100  
66 45.9 36.6 55.0  
65 24.0 19.3 28.9

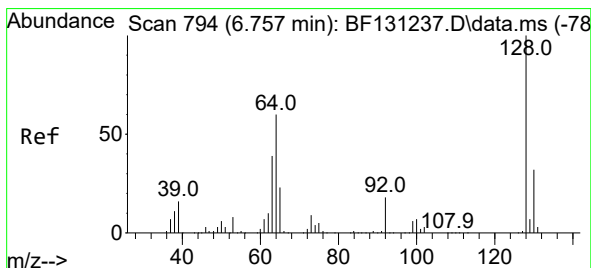
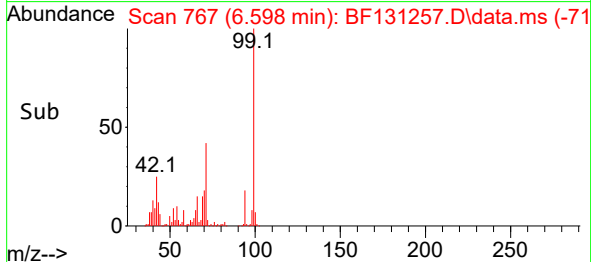
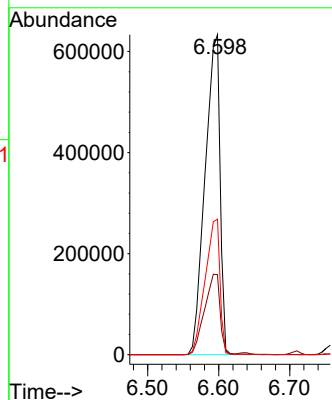
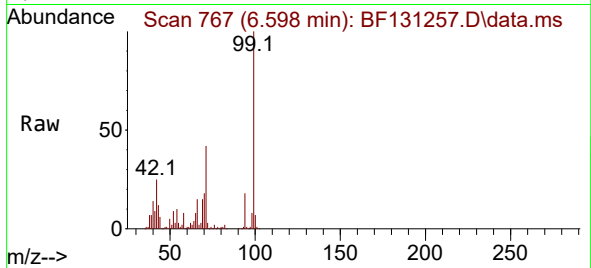




#7  
Phenol-d6  
Concen: 131.773 ng  
RT: 6.598 min Scan# 767  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

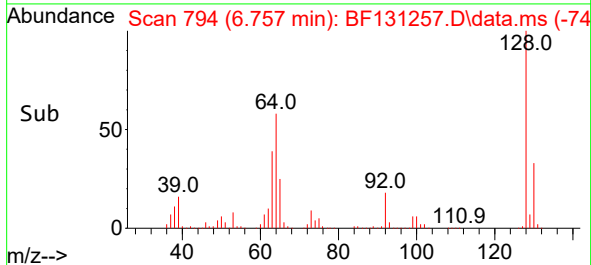
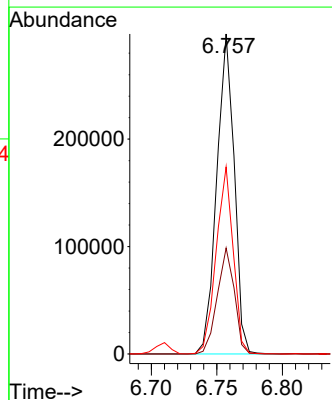
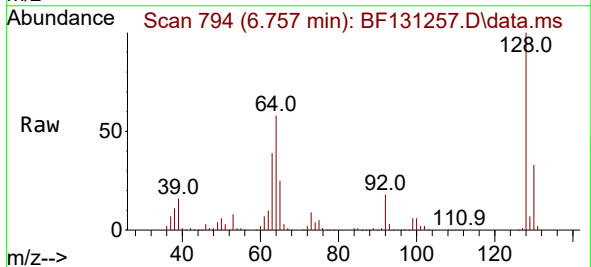
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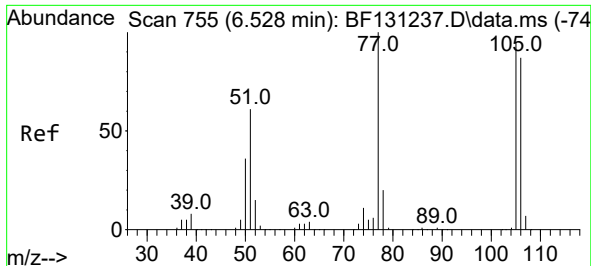
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Ion Ratio Lower Upper  
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42 25.0 18.6 28.0  
71 42.4 31.1 46.7



#8  
2-Chlorophenol  
Concen: 44.022 ng  
RT: 6.757 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 128 Resp: 275681  
Ion Ratio Lower Upper  
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130 33.1 12.2 52.2  
64 58.5 40.1 80.1

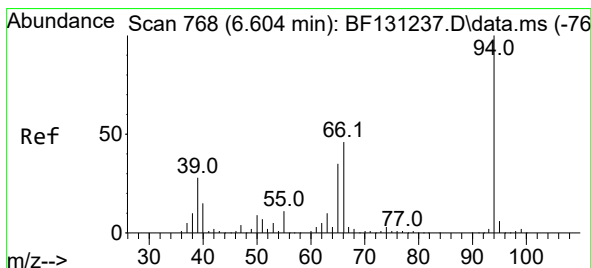
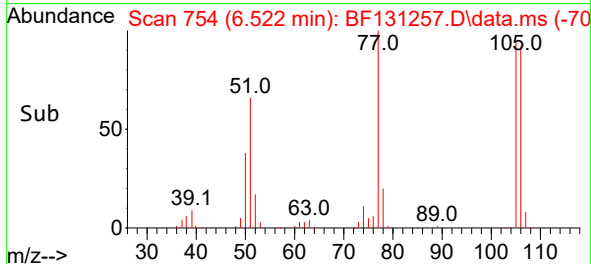
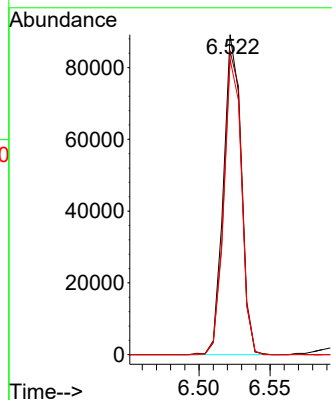
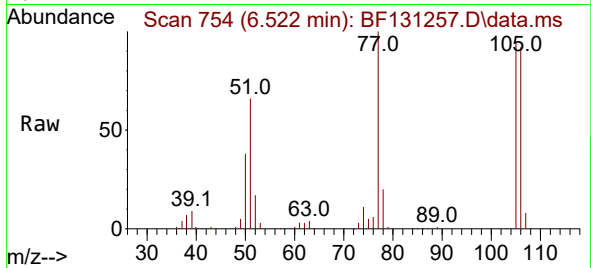




#9  
Benzaldehyde  
Concen: 15.013 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

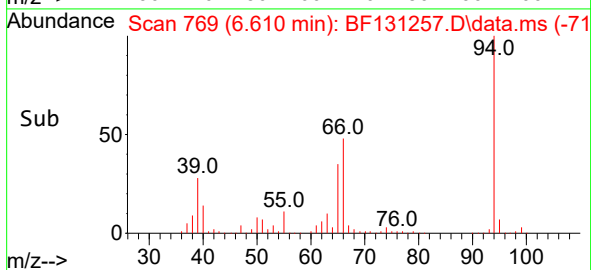
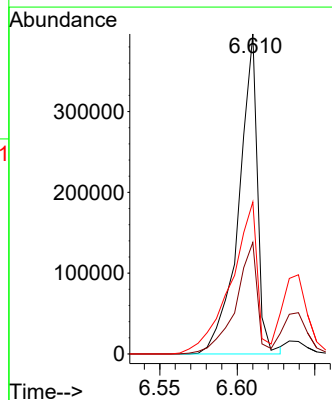
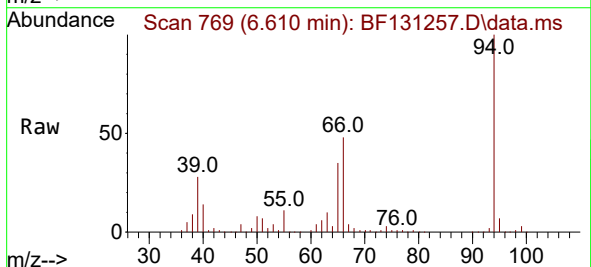
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

Tgt Ion: 77 Resp: 76839  
Ion Ratio Lower Upper  
77 100  
105 94.8 74.8 114.8  
106 92.2 67.3 107.3

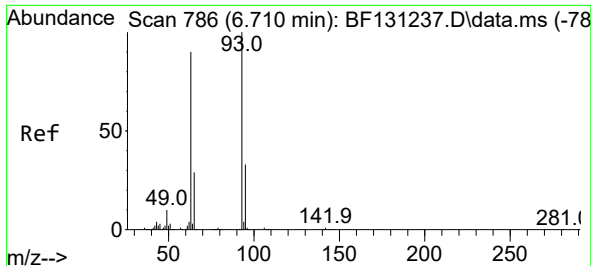


#10  
Phenol  
Concen: 42.274 ng  
RT: 6.610 min Scan# 769  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 94 Resp: 333681  
Ion Ratio Lower Upper  
94 100  
65 34.9 14.8 54.8  
66 47.5 26.5 66.5







#11

bis(2-Chloroethyl)ether

Concen: 42.423 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

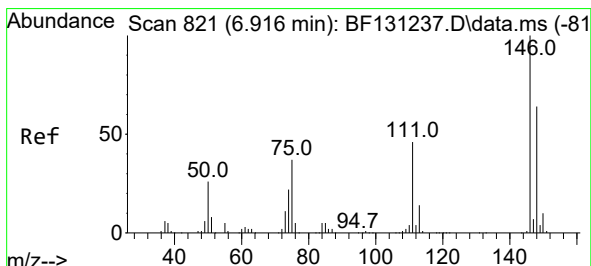
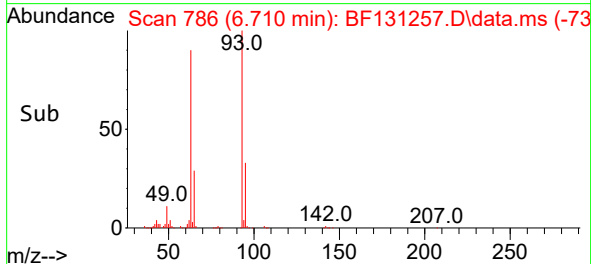
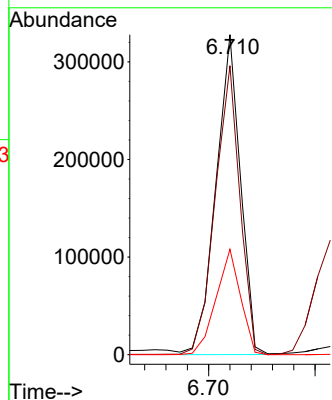
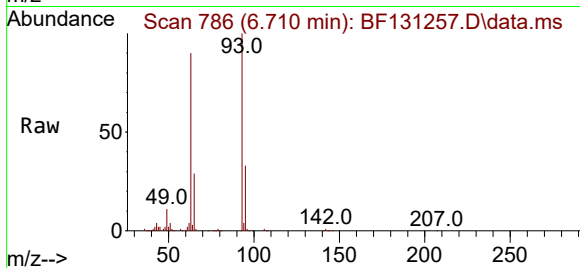
Tgt Ion: 93 Resp: 262190

Ion Ratio Lower Upper

93 100

63 90.3 69.8 109.8

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 41.631 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

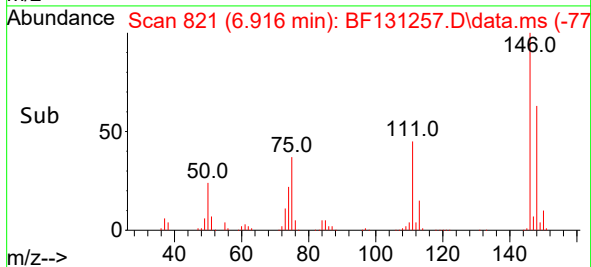
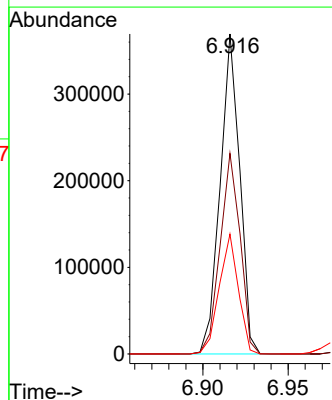
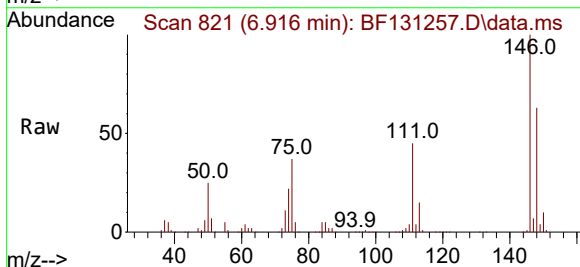
Tgt Ion: 146 Resp: 294942

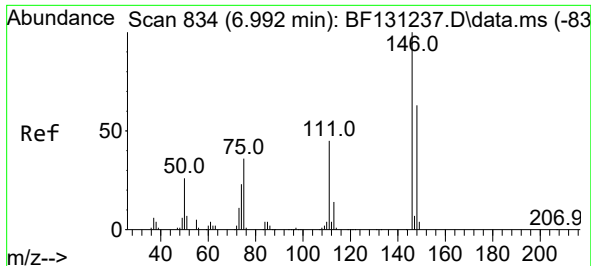
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

75 37.5 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 41.395 ng

RT: 6.992 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

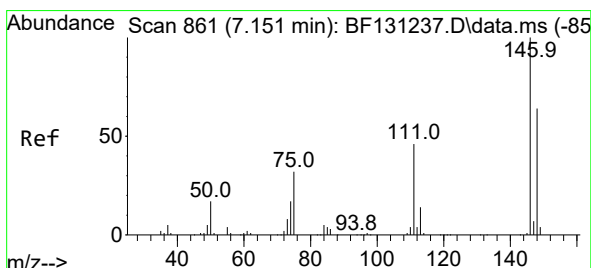
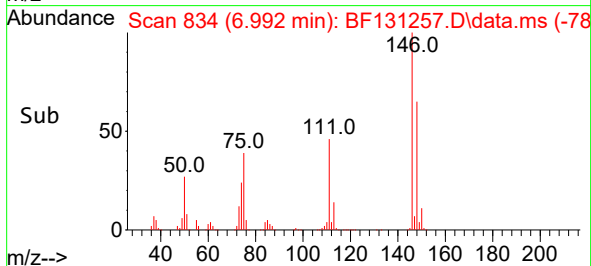
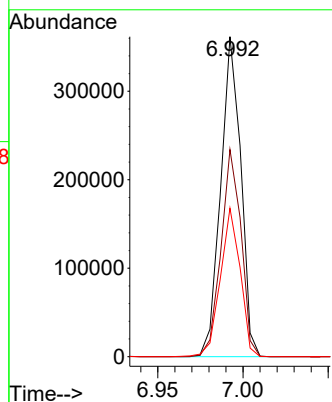
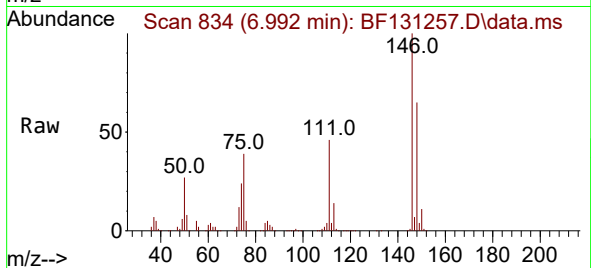
Tgt Ion:146 Resp: 296592

Ion Ratio Lower Upper

146 100

148 64.8 50.1 75.1

111 46.4 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 43.288 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

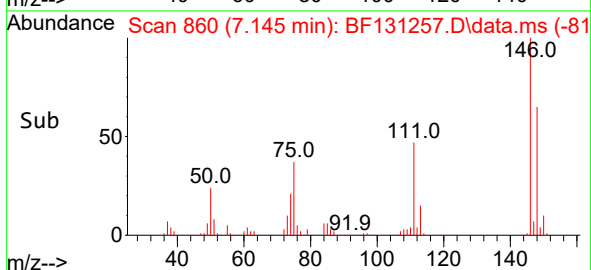
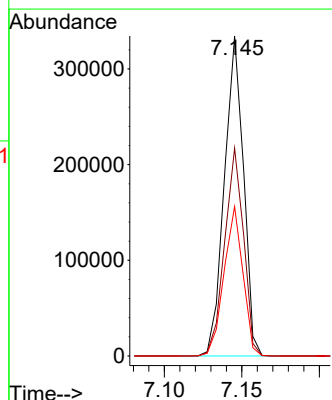
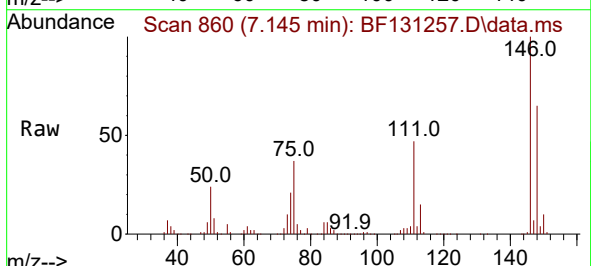
Tgt Ion:146 Resp: 286666

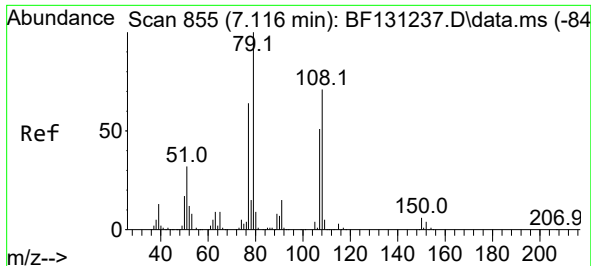
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 46.7 36.9 55.3

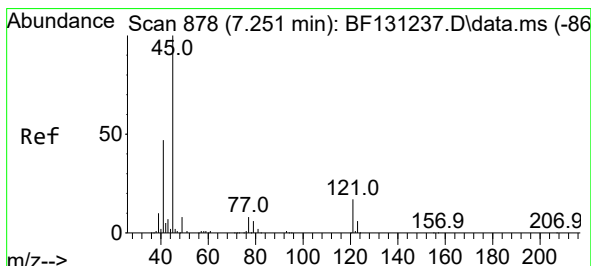
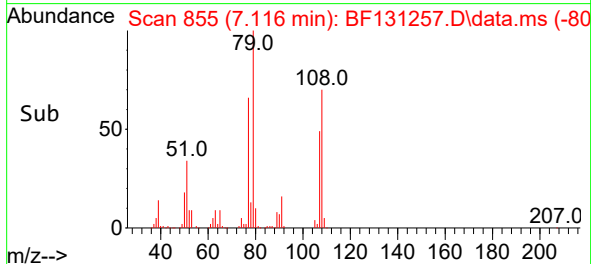
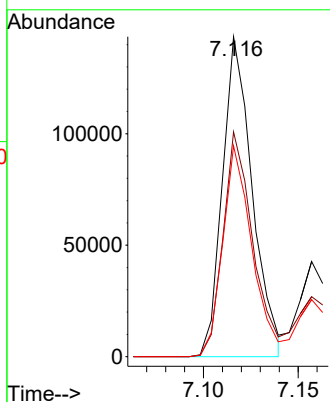
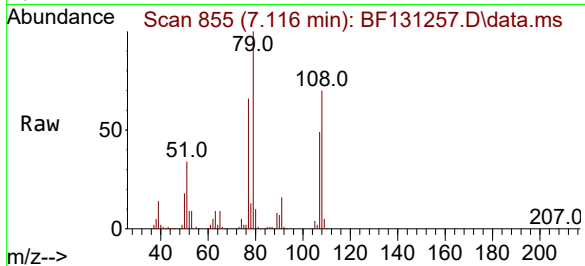




#15  
Benzyl Alcohol  
Concen: 25.636 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

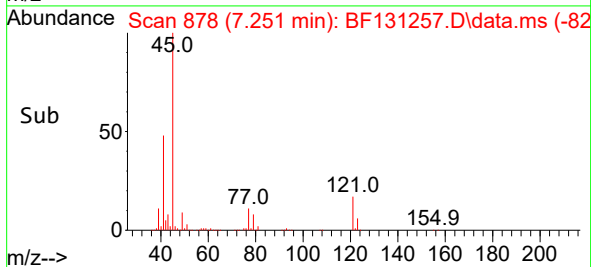
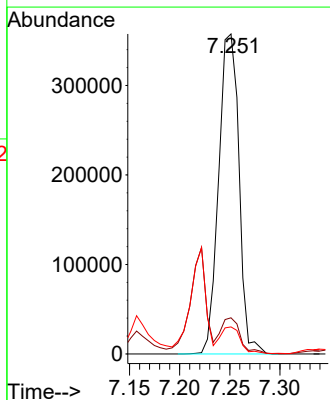
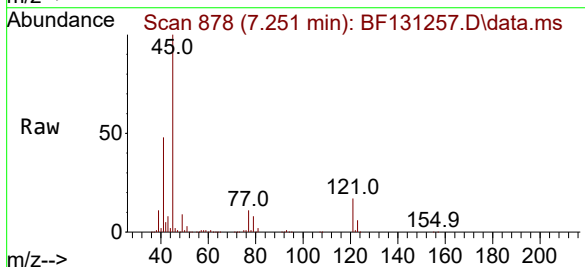
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

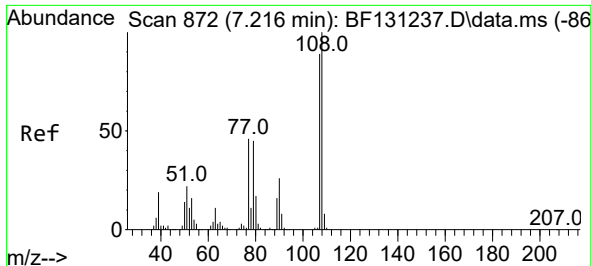
Tgt Ion: 79 Resp: 157124  
Ion Ratio Lower Upper  
79 100  
108 70.2 56.7 85.1  
77 65.9 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.148 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 45 Resp: 502285  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 31.0  
79 8.4 0.0 28.5

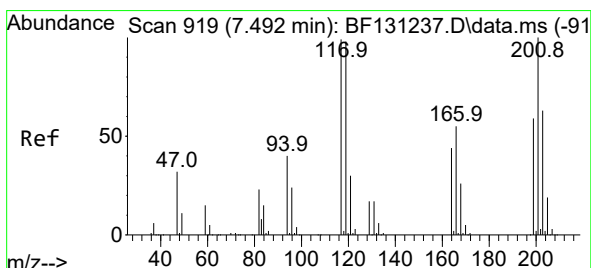
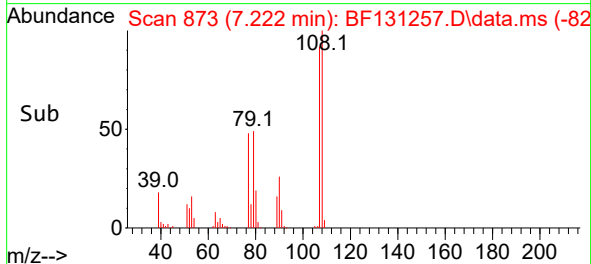
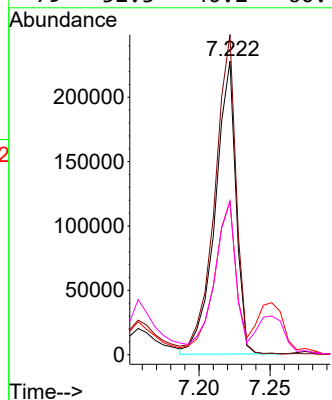
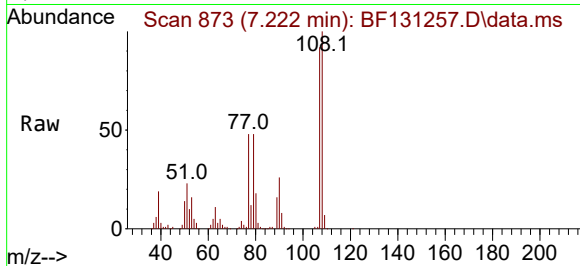




#17  
2-Methylphenol  
Concen: 43.300 ng  
RT: 7.222 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

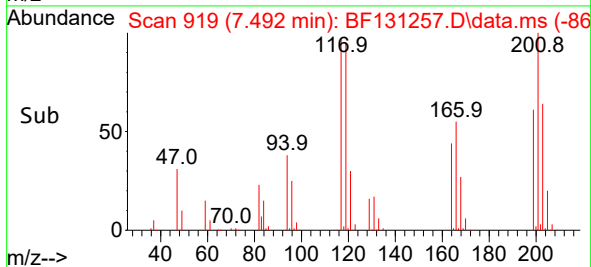
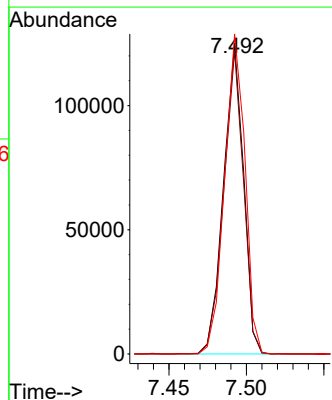
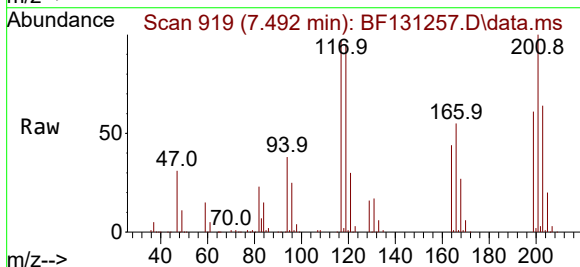
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

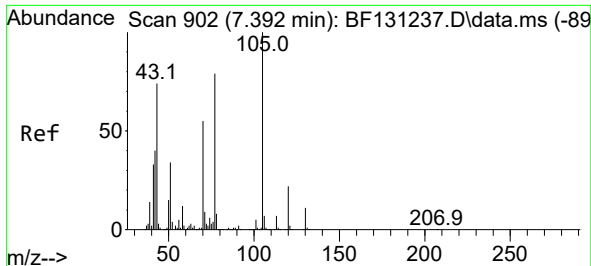
Tgt Ion:107 Resp: 231494  
Ion Ratio Lower Upper  
107 100  
108 109.0 89.8 134.6  
77 52.2 41.4 62.0  
79 52.3 40.2 60.4



#18  
Hexachloroethane  
Concen: 43.134 ng  
RT: 7.492 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:117 Resp: 112354  
Ion Ratio Lower Upper  
117 100  
119 97.4 79.0 118.6  
201 102.9 80.9 121.3

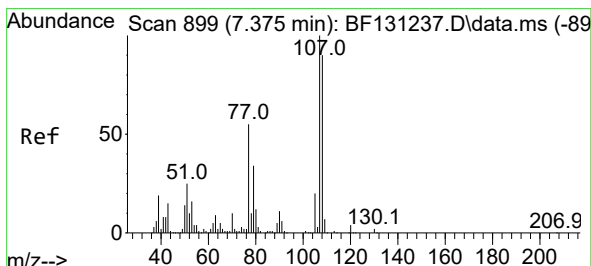
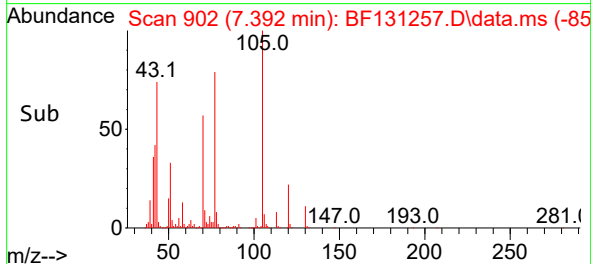
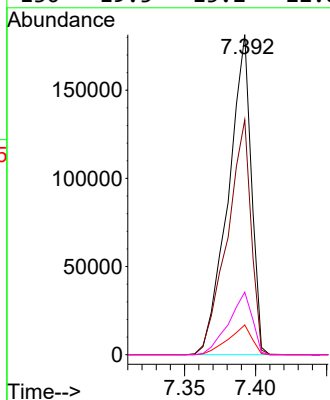
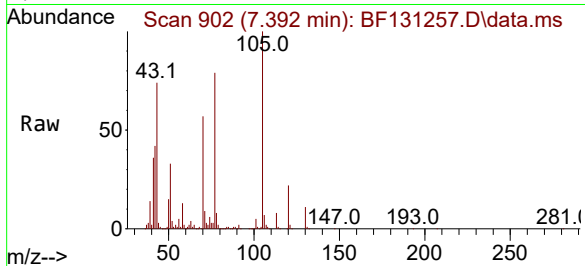




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.653 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

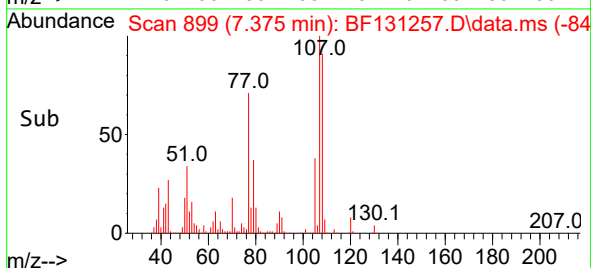
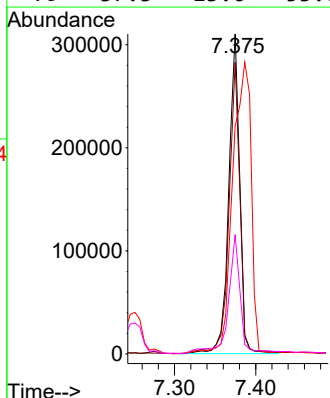
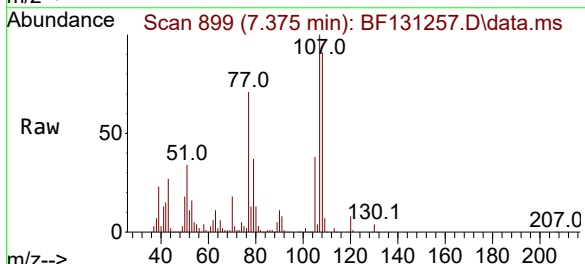
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

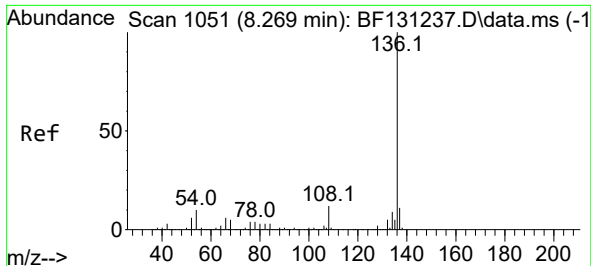
Tgt Ion: 70 Resp: 204795  
Ion Ratio Lower Upper  
70 100  
42 73.4 58.3 87.5  
101 9.3 7.2 10.8  
130 19.5 15.2 22.8



#20  
3+4-Methylphenols  
Concen: 42.278 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 107 Resp: 292365  
Ion Ratio Lower Upper  
107 100  
108 91.1 69.5 109.5  
77 71.2 35.3 75.3  
79 37.3 13.6 53.6

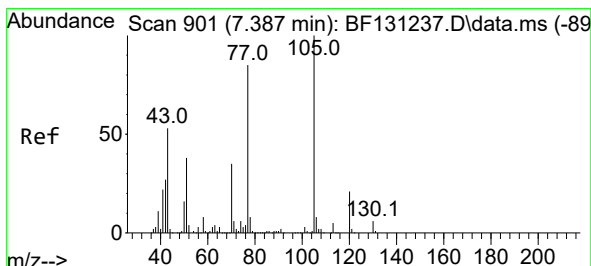
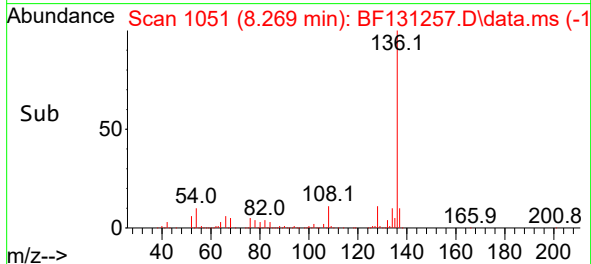
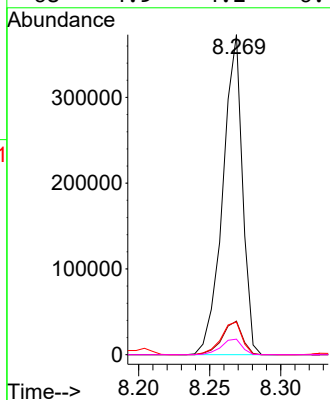
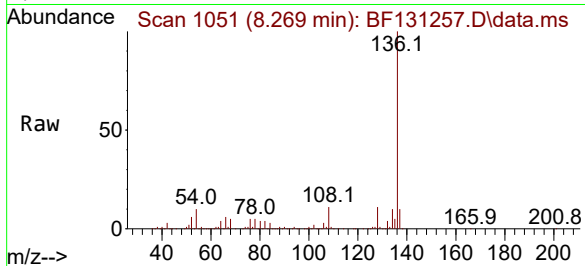




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

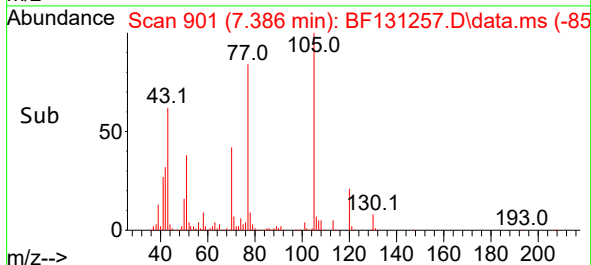
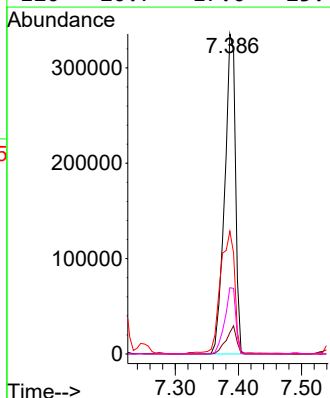
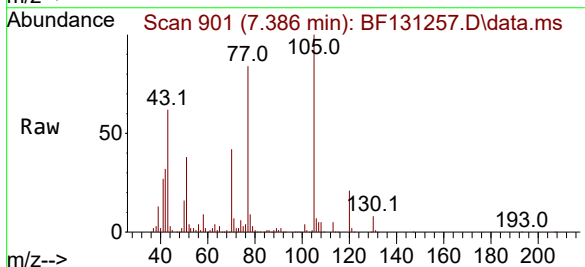
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

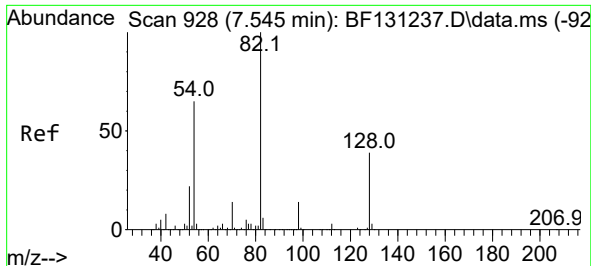
Tgt Ion:136 Resp: 359414  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.5 12.7  
54 10.2 7.8 11.8  
68 4.9 4.2 6.4



#22  
Acetophenone  
Concen: 42.595 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:105 Resp: 399064  
Ion Ratio Lower Upper  
105 100  
71 6.7 4.7 7.1  
51 38.4 30.2 45.2  
120 20.7 17.0 25.4

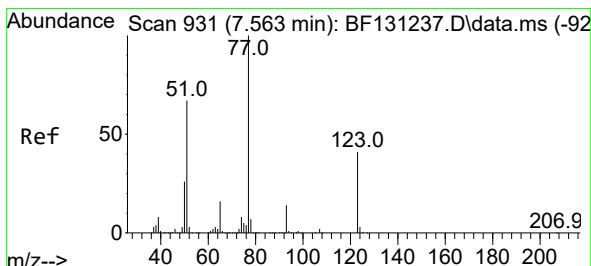
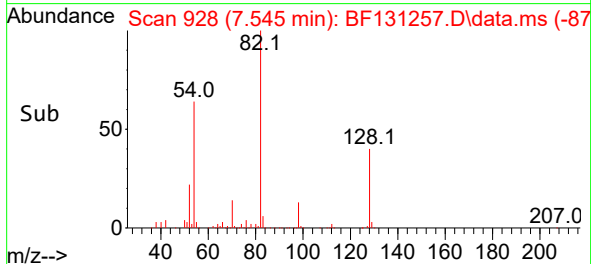
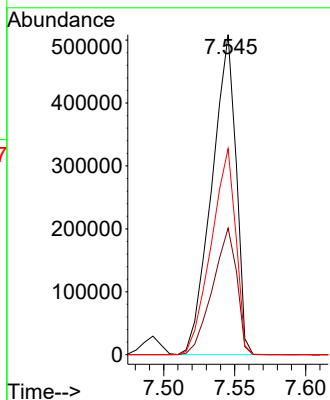
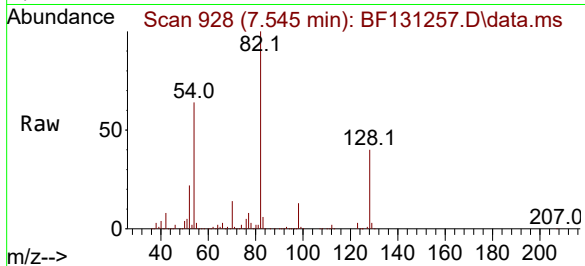




#23  
Nitrobenzene-d5  
Concen: 94.140 ng  
RT: 7.545 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

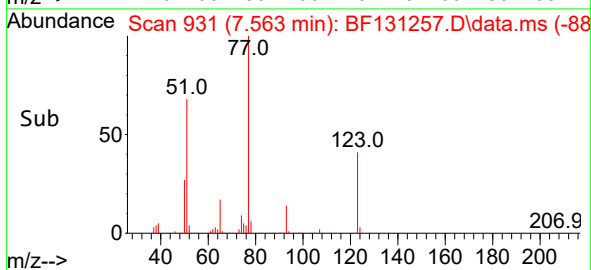
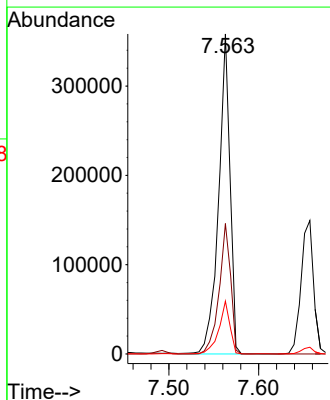
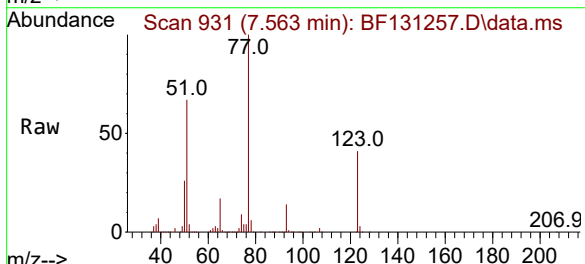
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

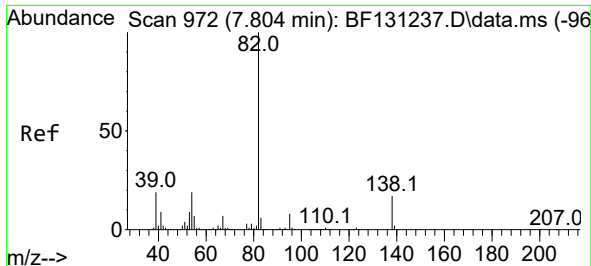
Tgt Ion: 82 Resp: 602804  
Ion Ratio Lower Upper  
82 100  
128 39.6 31.1 46.7  
54 64.4 51.8 77.6



#24  
Nitrobenzene  
Concen: 45.904 ng  
RT: 7.563 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 77 Resp: 317317  
Ion Ratio Lower Upper  
77 100  
123 40.8 33.2 49.8  
65 16.5 13.0 19.4

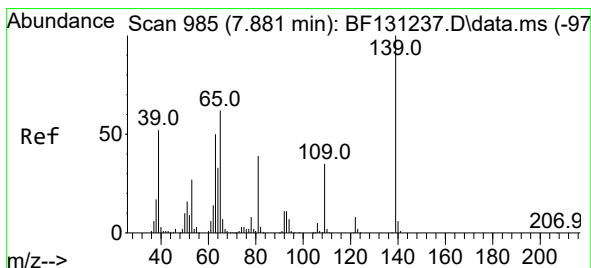
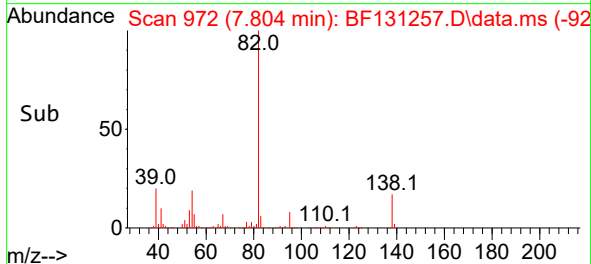
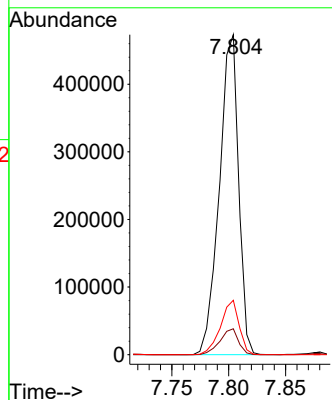
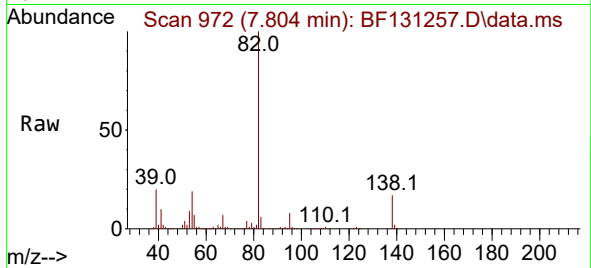




#25  
Isophorone  
Concen: 43.627 ng  
RT: 7.804 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

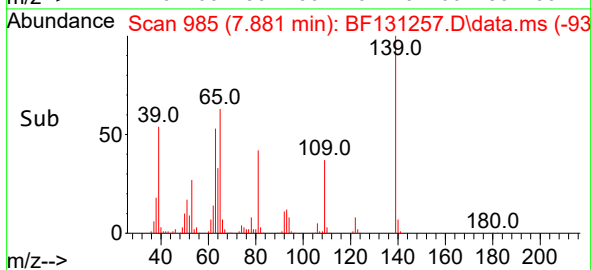
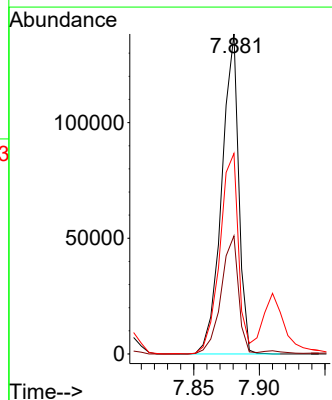
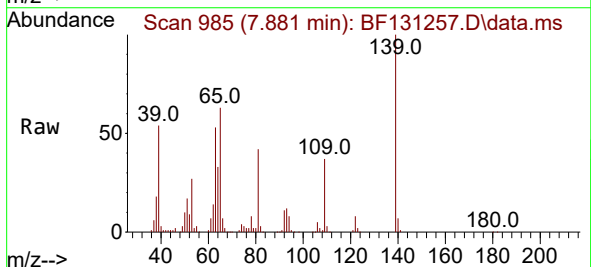
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

Tgt Ion: 82 Resp: 558086  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.2 9.2  
138 17.0 13.4 20.0

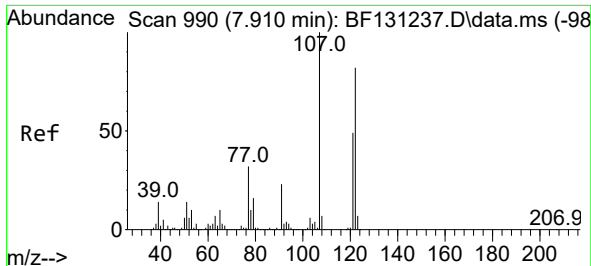


#26  
2-Nitrophenol  
Concen: 45.165 ng  
RT: 7.881 min Scan# 985  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 139 Resp: 124320  
Ion Ratio Lower Upper  
139 100  
109 36.9 28.0 42.0  
65 62.6 49.3 73.9







#27

2,4-Dimethylphenol

Concen: 52.593 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

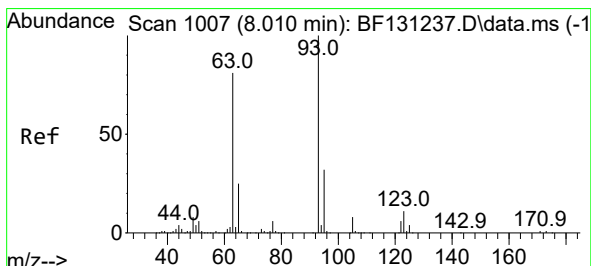
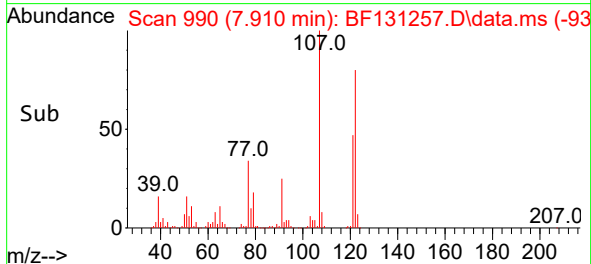
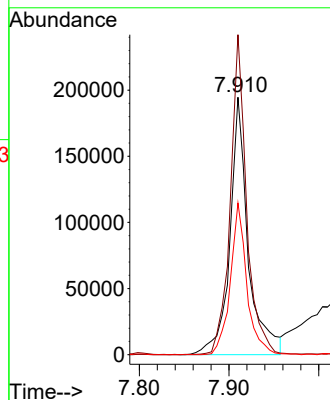
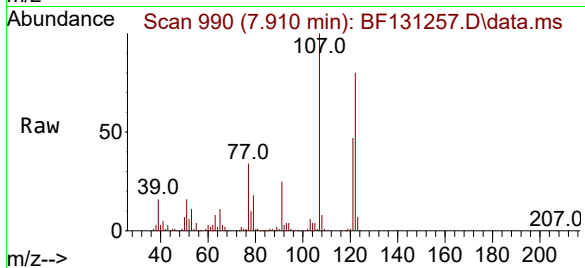
Tgt Ion:122 Resp: 275381

Ion Ratio Lower Upper

122 100

107 124.3 97.1 145.7

121 58.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.717 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

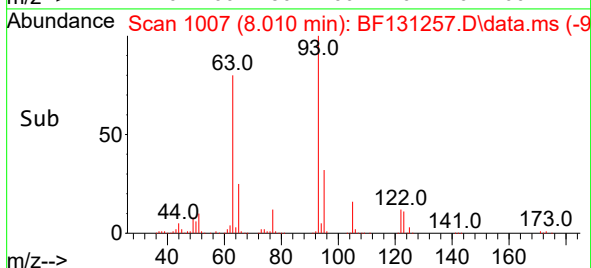
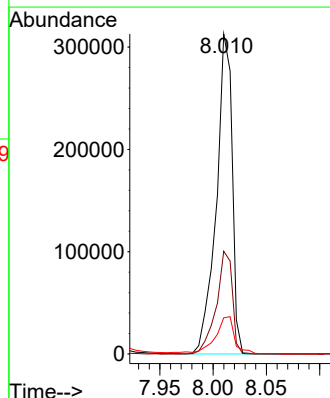
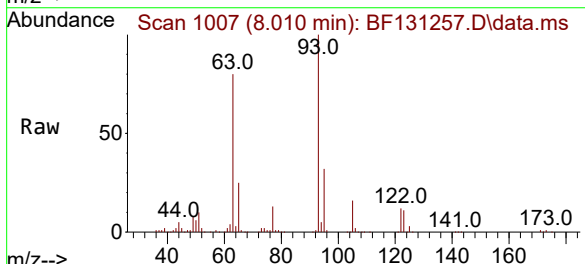
Tgt Ion: 93 Resp: 322513

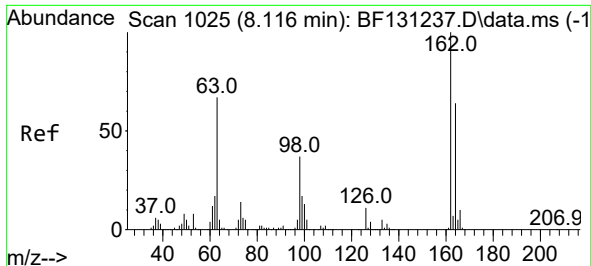
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.713 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

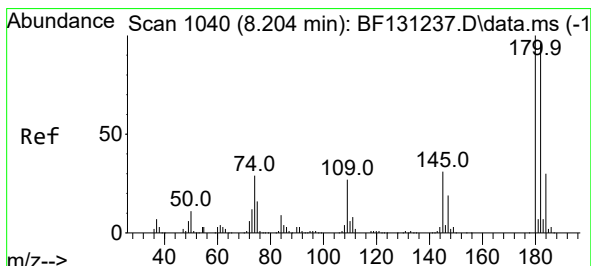
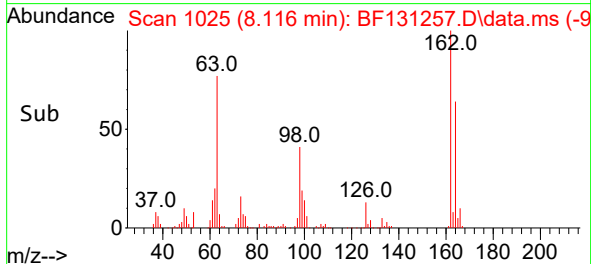
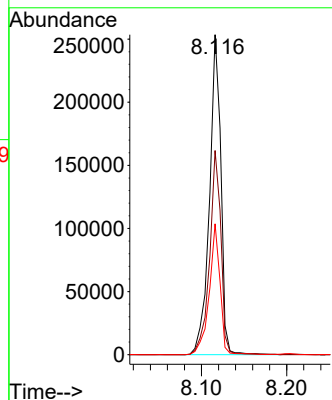
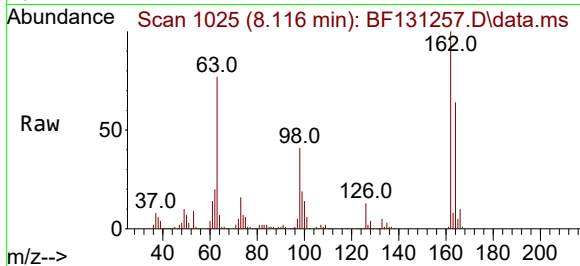
Tgt Ion:162 Resp: 236200

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

98 40.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.472 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

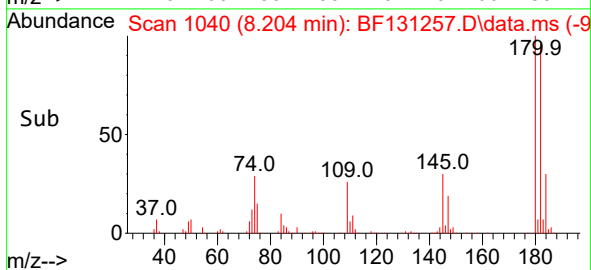
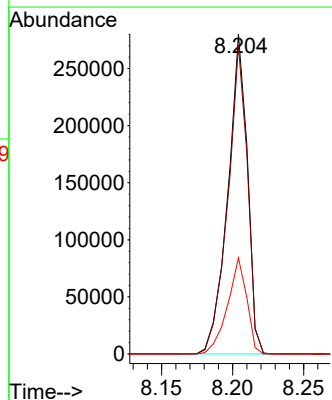
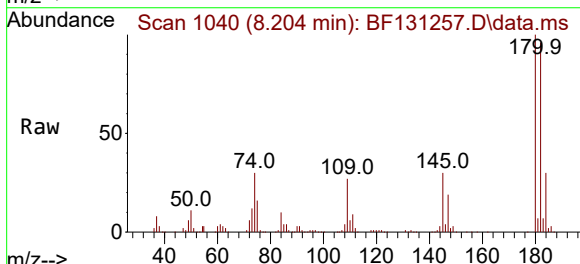
Tgt Ion:180 Resp: 268690

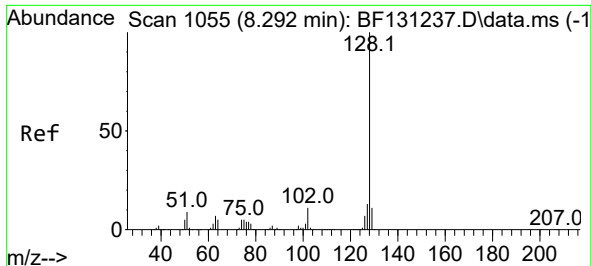
Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

145 30.0 24.8 37.2

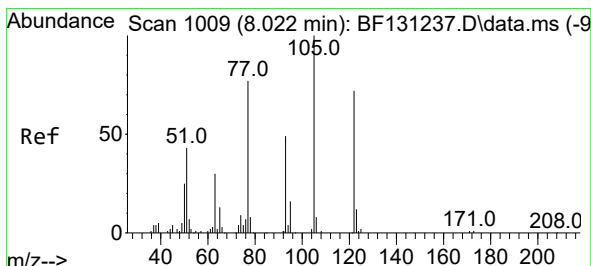
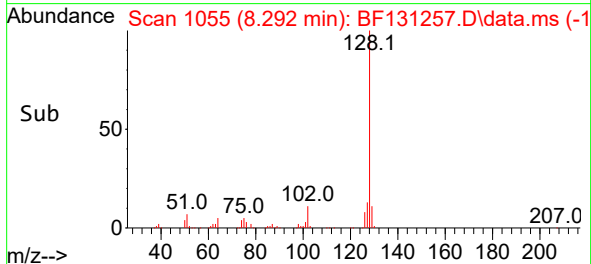
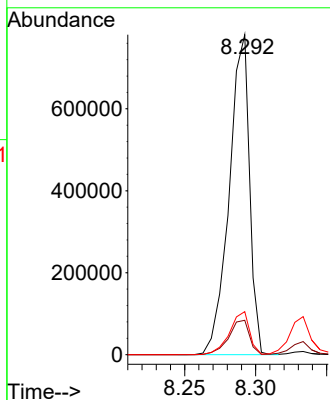
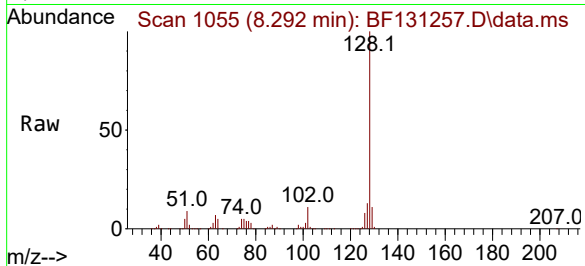




#31  
Naphthalene  
Concen: 39.886 ng  
RT: 8.292 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

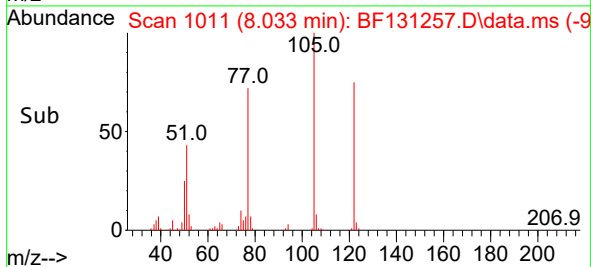
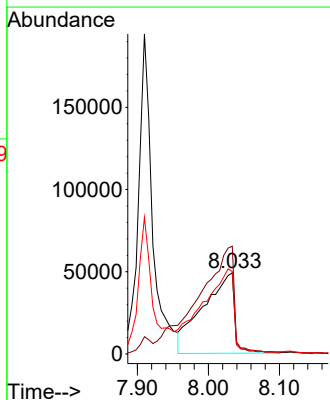
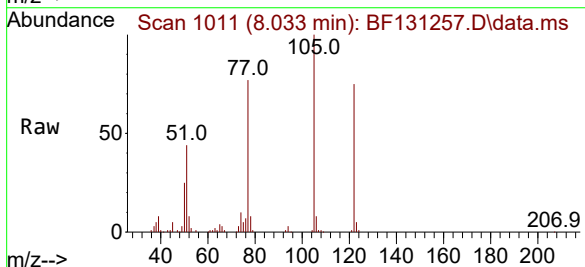
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

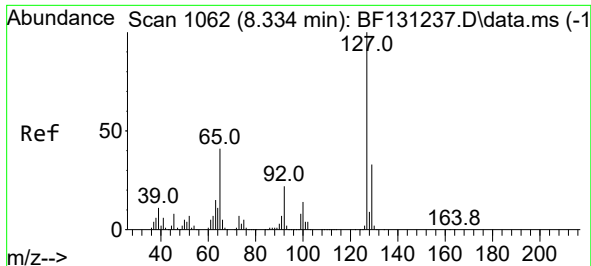
Tgt Ion:128 Resp: 776682  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.4 12.6  
127 13.5 10.3 15.5



#32  
Benzoic acid  
Concen: 40.890 ng  
RT: 8.033 min Scan# 1011  
Delta R.T. 0.011 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:122 Resp: 150696  
Ion Ratio Lower Upper  
122 100  
105 132.9 116.9 156.9  
77 101.8 86.9 126.9

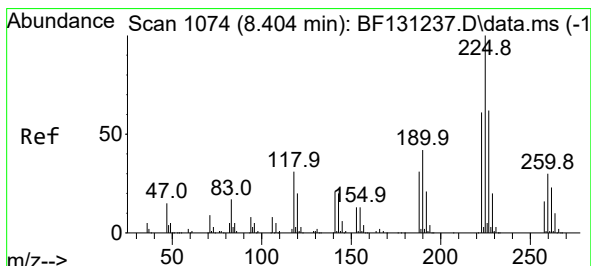
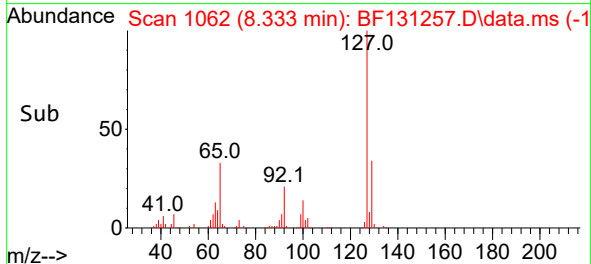
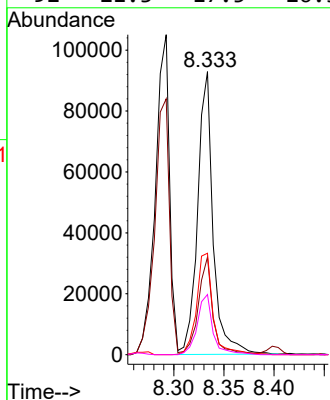
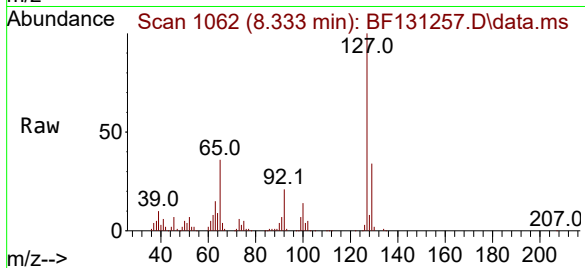




#33  
4-Chloroaniline  
Concen: 13.049 ng  
RT: 8.333 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

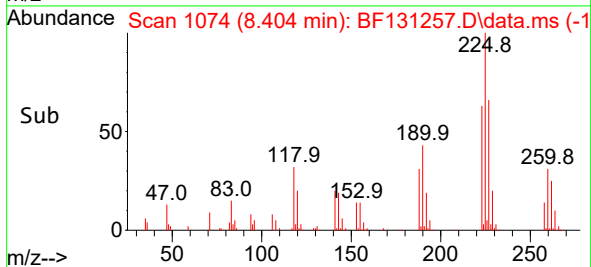
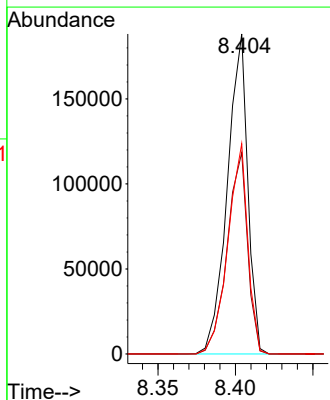
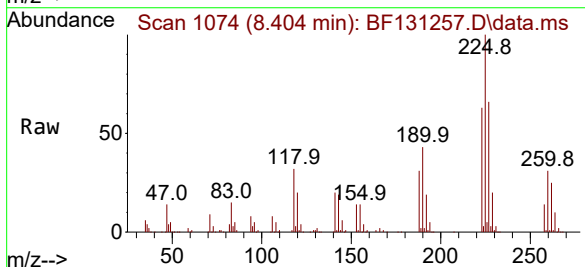
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

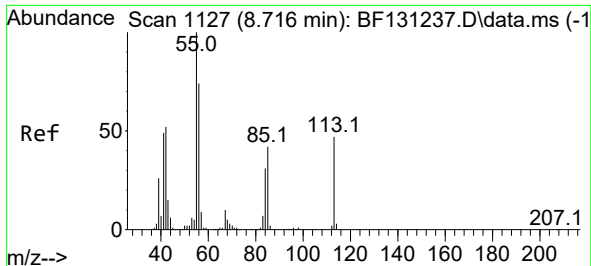
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 100023 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.5  | 26.0  | 39.0   |
| 65       | 35.8  | 32.6  | 48.8   |
| 92       | 21.3  | 17.5  | 26.3   |



#34  
Hexachlorobutadiene  
Concen: 41.048 ng  
RT: 8.404 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 172476 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 49.1  | 73.7   |
| 227      | 65.7  | 50.0  | 75.0   |

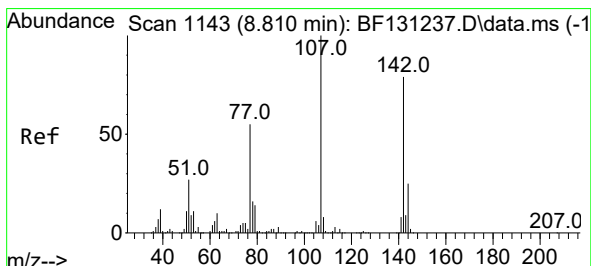
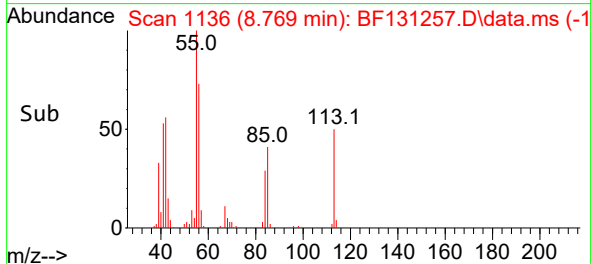
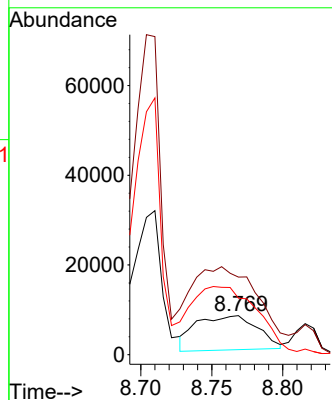
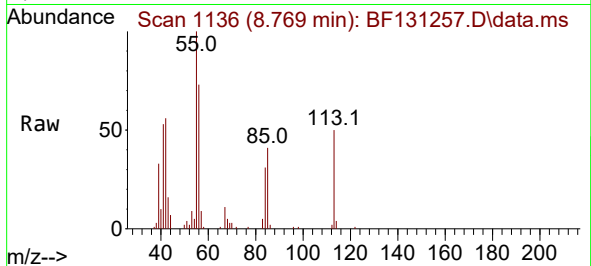




#35  
 Caprolactam  
 Concen: 13.732 ng  
 RT: 8.769 min Scan# 1136  
 Delta R.T. 0.053 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

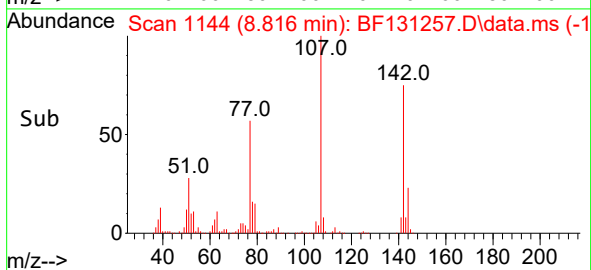
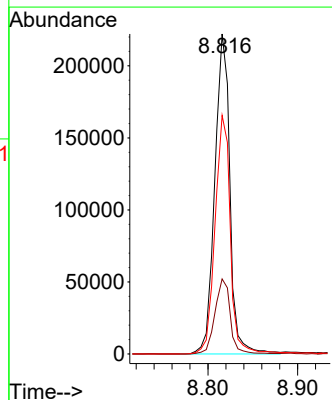
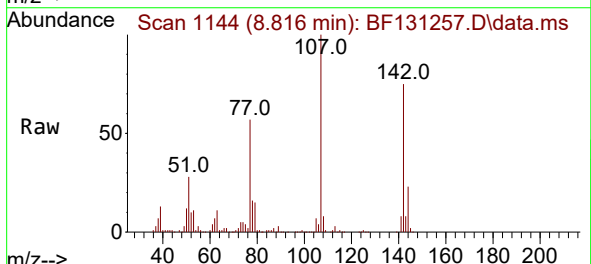
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

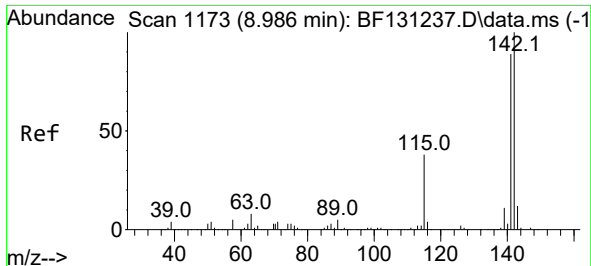
Tgt Ion:113 Resp: 22978  
 Ion Ratio Lower Upper  
 113 100  
 55 198.3 193.2 233.2  
 56 144.5 137.2 177.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.610 ng  
 RT: 8.816 min Scan# 1144  
 Delta R.T. 0.006 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

Tgt Ion:107 Resp: 259930  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 20.2 30.2  
 142 74.5 63.0 94.6





#37

2-Methylnaphthalene

Concen: 40.559 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

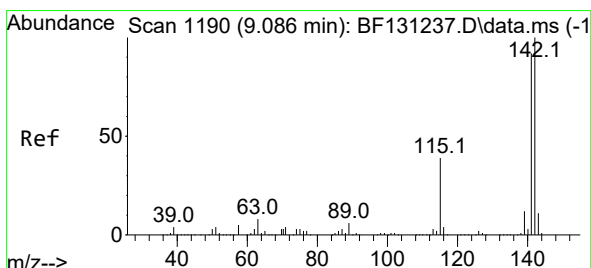
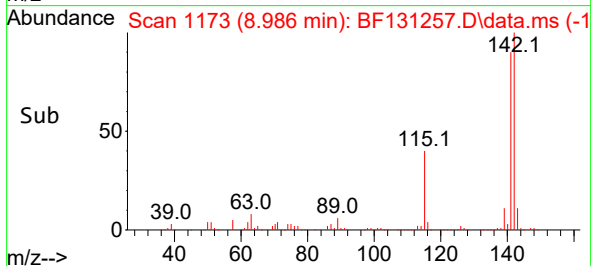
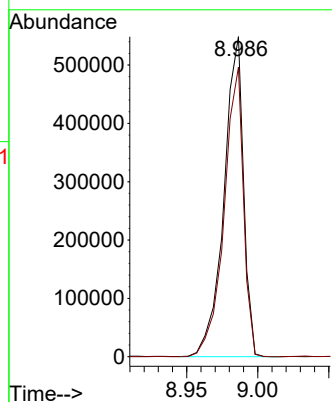
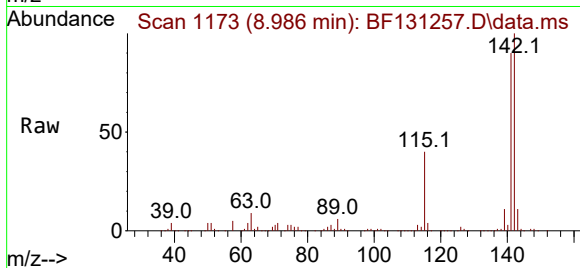
PB148855BS

Tgt Ion:142 Resp: 525995

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.389 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF131257.D

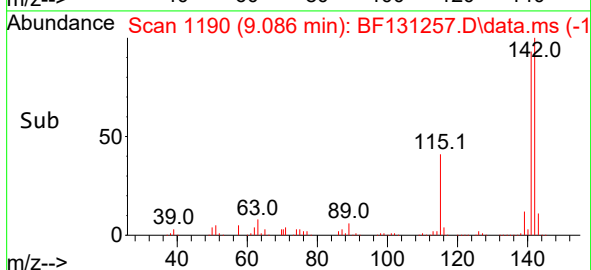
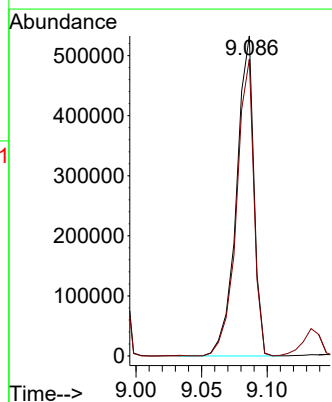
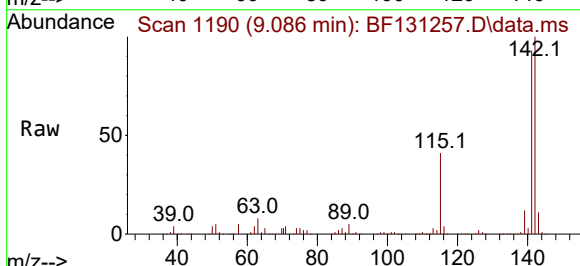
Acq: 16 Nov 2022 10:51

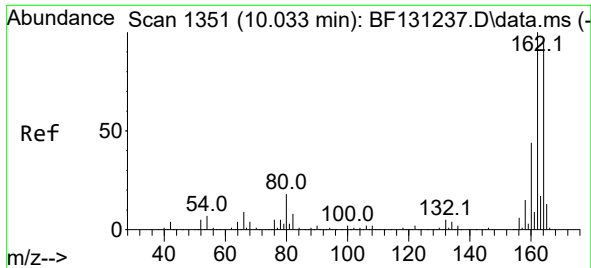
Tgt Ion:142 Resp: 495328

Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.2

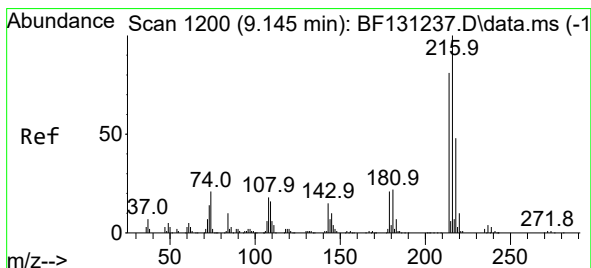
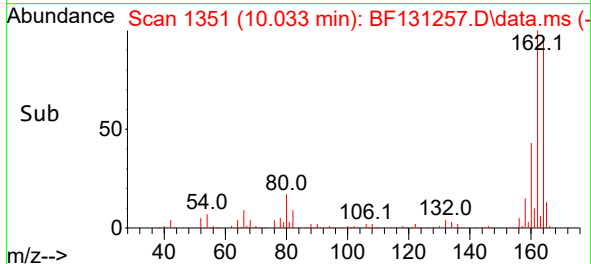
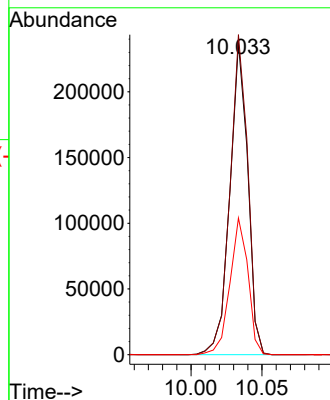
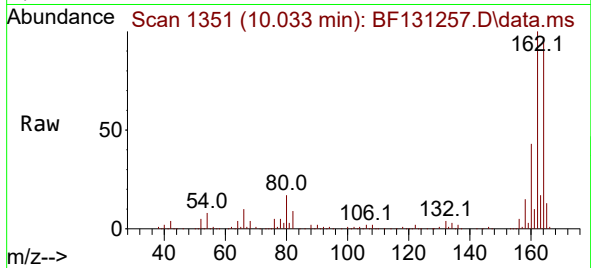




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.033 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

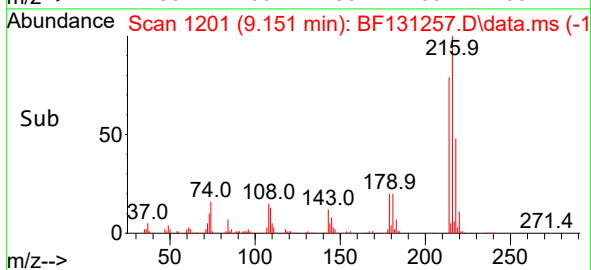
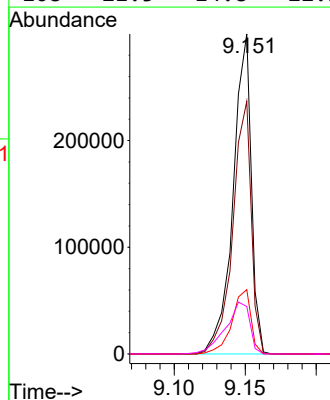
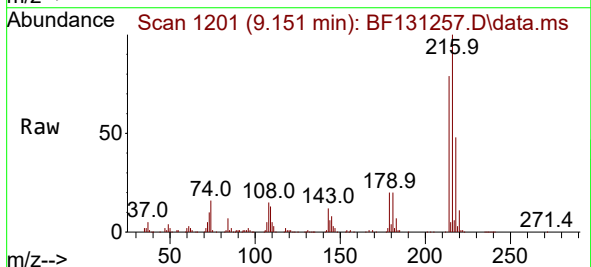
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

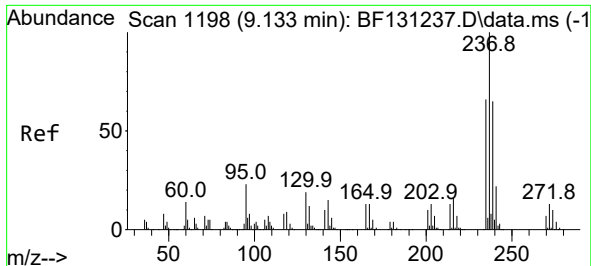
Tgt Ion:164 Resp: 208056  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 82.1 123.1  
 160 43.8 36.2 54.4



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.957 ng  
 RT: 9.151 min Scan# 1201  
 Delta R.T. 0.006 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

Tgt Ion:216 Resp: 267666  
 Ion Ratio Lower Upper  
 216 100  
 214 79.8 63.7 95.5  
 179 21.0 16.5 24.7  
 108 21.5 14.8 22.2

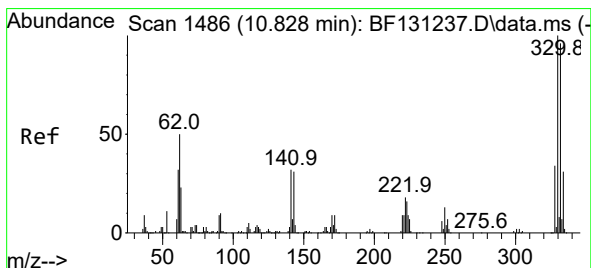
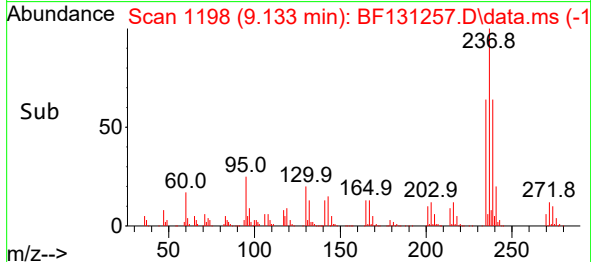
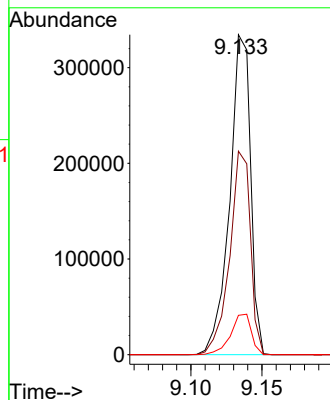
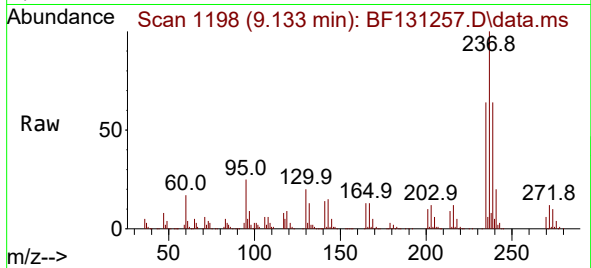




#41  
Hexachlorocyclopentadiene  
Concen: 99.755 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

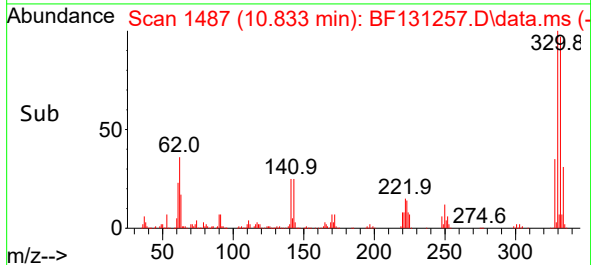
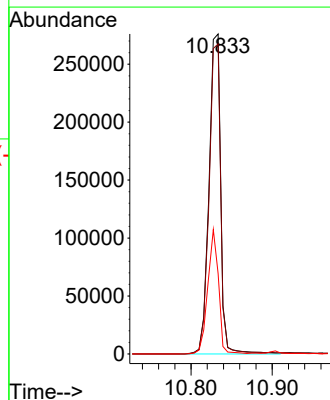
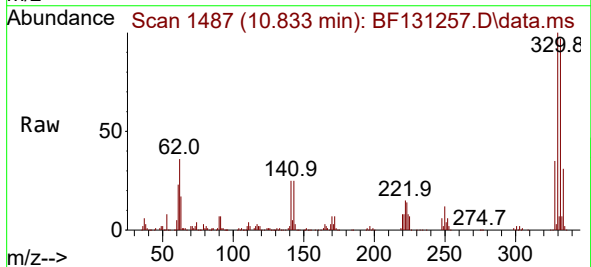
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

Tgt Ion:237 Resp: 342504  
Ion Ratio Lower Upper  
237 100  
235 63.6 45.6 85.6  
272 12.3 0.0 32.6

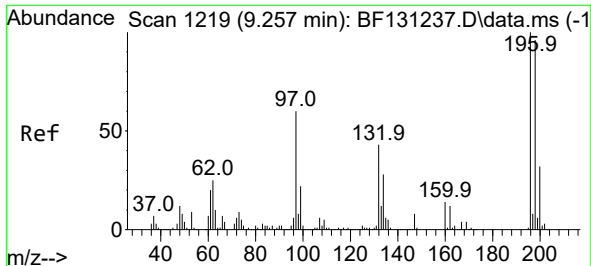


#42  
2,4,6-Tribromophenol  
Concen: 138.773 ng  
RT: 10.833 min Scan# 1487  
Delta R.T. 0.005 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:330 Resp: 275794  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.8 115.2  
141 35.7 29.6 44.4



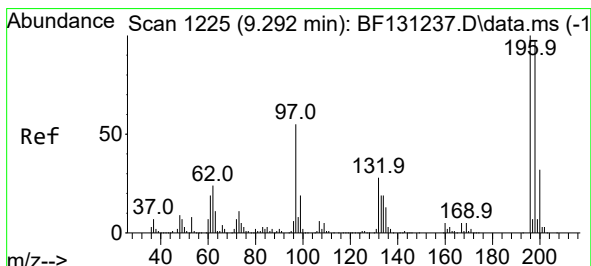
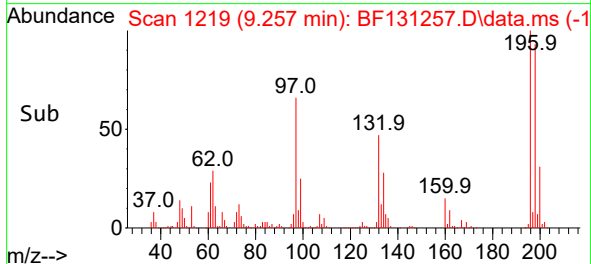
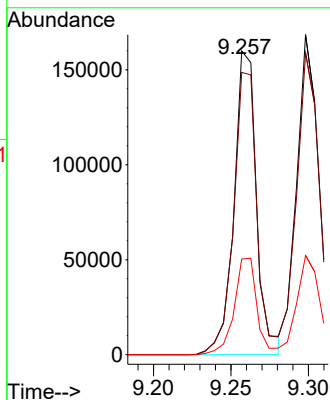
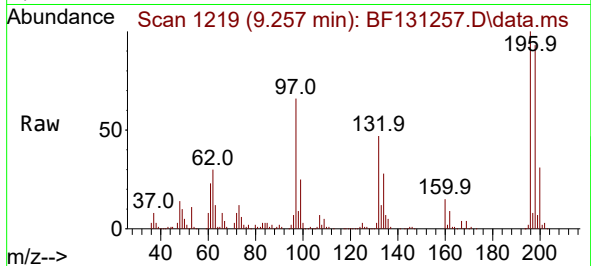




#43  
2,4,6-Trichlorophenol  
Concen: 36.935 ng  
RT: 9.257 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

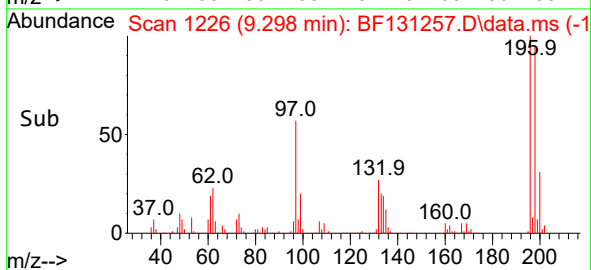
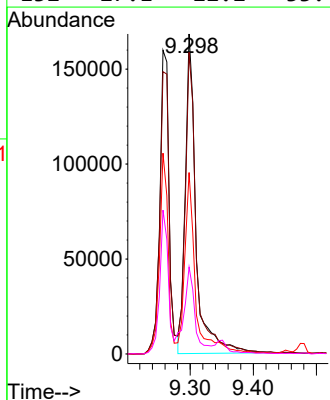
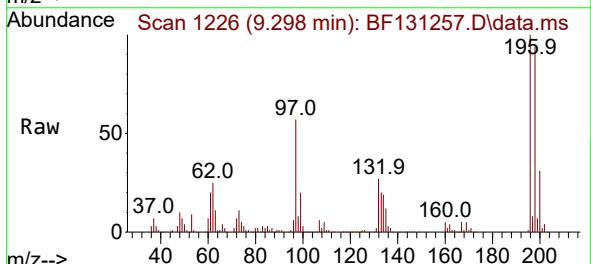
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

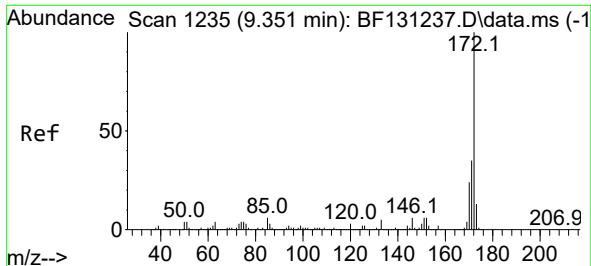
Tgt Ion:196 Resp: 161761  
Ion Ratio Lower Upper  
196 100  
198 93.0 76.5 114.7  
200 31.5 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 42.585 ng  
RT: 9.298 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:196 Resp: 200143  
Ion Ratio Lower Upper  
196 100  
198 94.3 77.0 115.6  
97 56.7 44.3 66.5  
132 27.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 79.472 ng

RT: 9.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

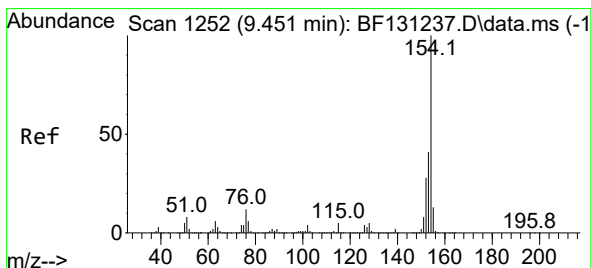
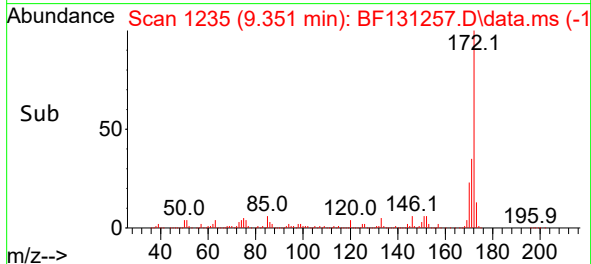
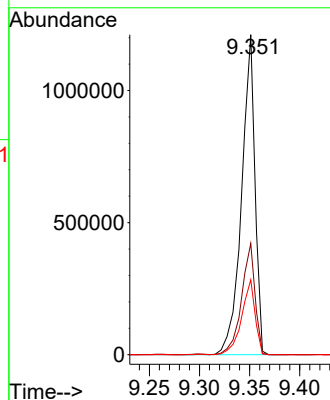
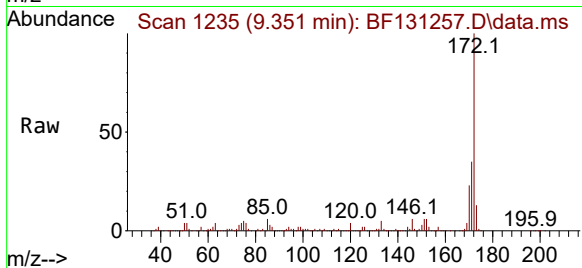
Tgt Ion:172 Resp: 1129867

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.655 ng

RT: 9.451 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

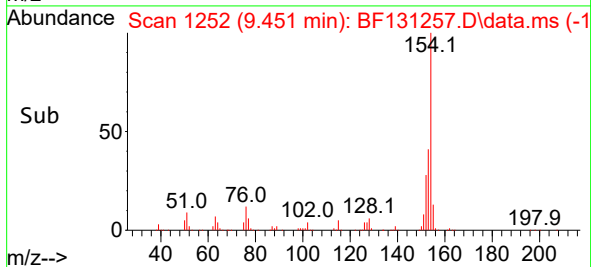
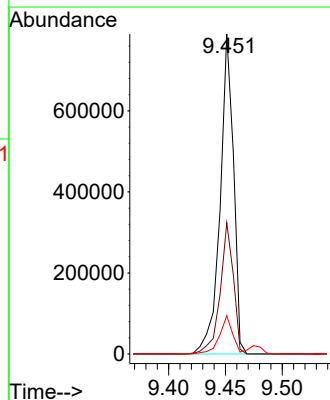
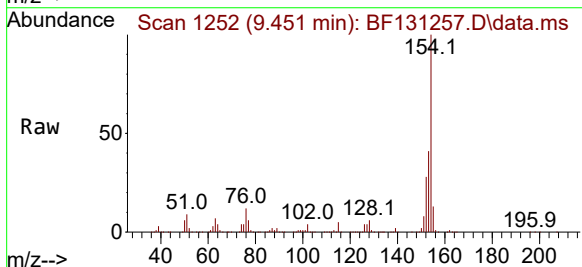
Tgt Ion:154 Resp: 650246

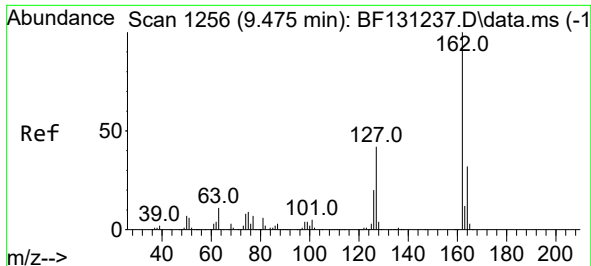
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.0 0.0 31.6

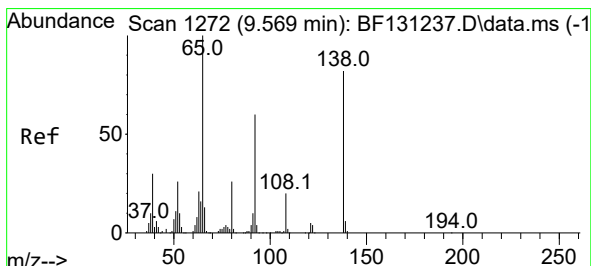
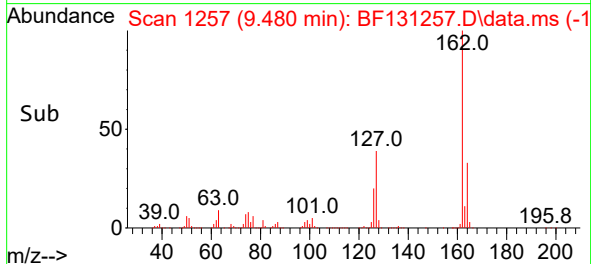
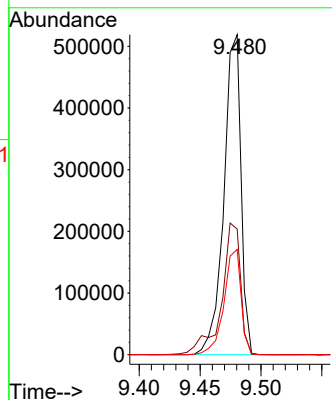
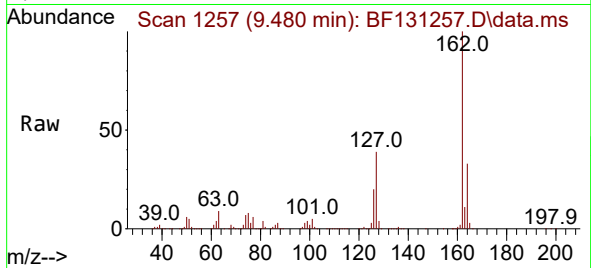




#47  
2-Chloronaphthalene  
Concen: 39.348 ng  
RT: 9.480 min Scan# 1256  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

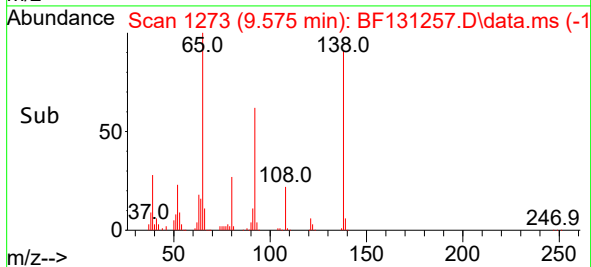
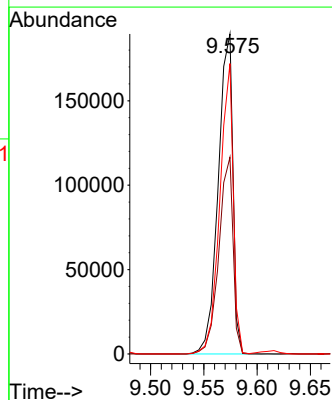
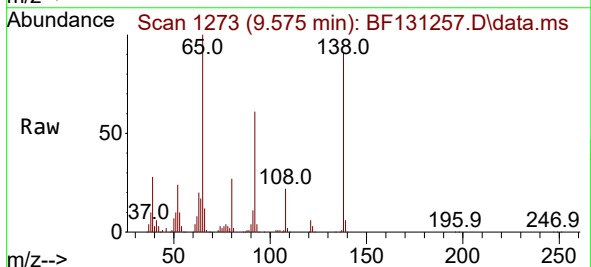
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

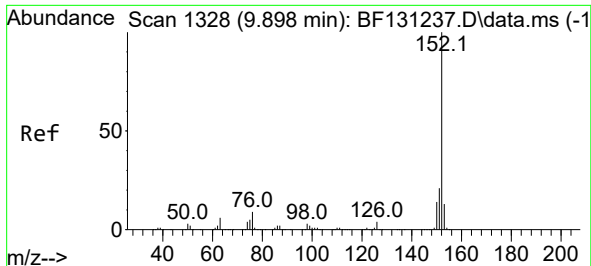
Tgt Ion:162 Resp: 509824  
Ion Ratio Lower Upper  
162 100  
127 39.3 34.1 51.1  
164 32.9 25.9 38.9



#48  
2-Nitroaniline  
Concen: 44.024 ng  
RT: 9.575 min Scan# 1273  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion: 65 Resp: 181510  
Ion Ratio Lower Upper  
65 100  
92 61.5 48.2 72.2  
138 90.7 65.8 98.8





#49

Acenaphthylene

Concen: 39.760 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

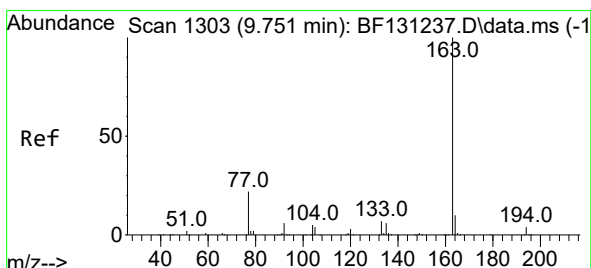
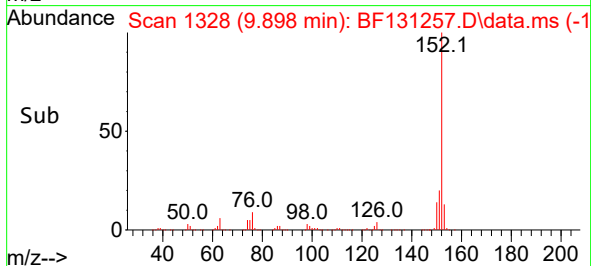
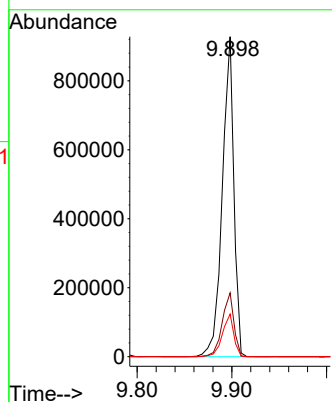
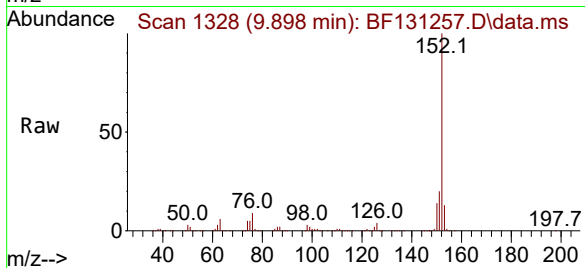
Tgt Ion:152 Resp: 786662

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 40.639 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

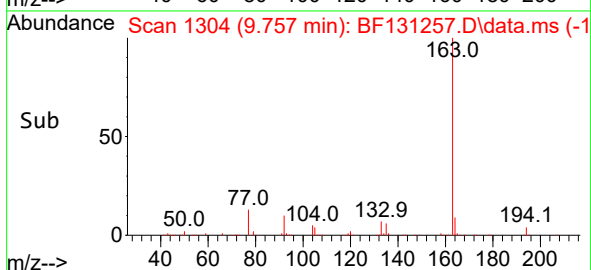
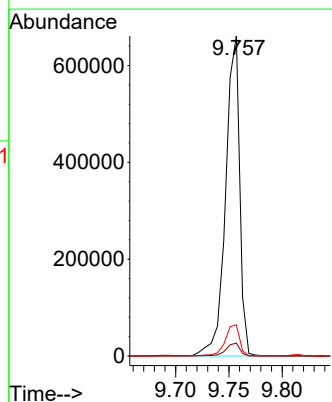
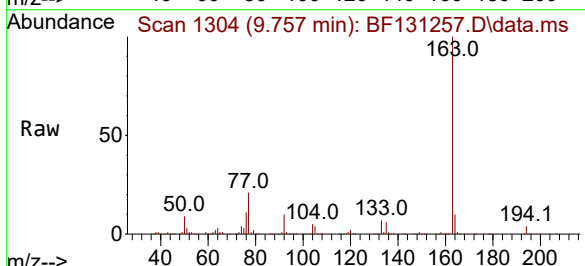
Tgt Ion:163 Resp: 605449

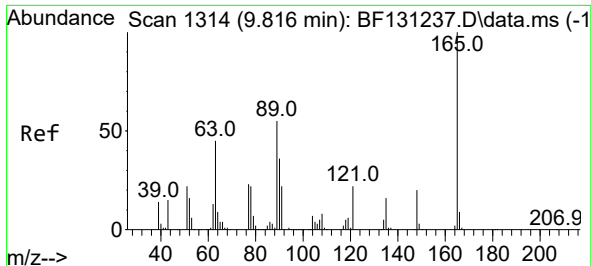
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.7 7.9 11.9

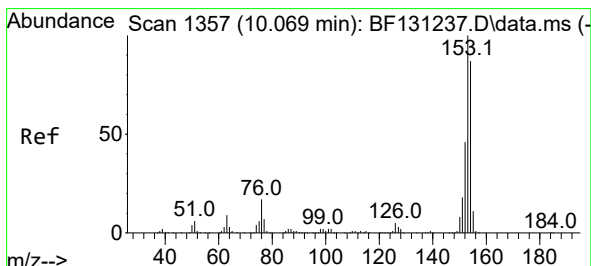
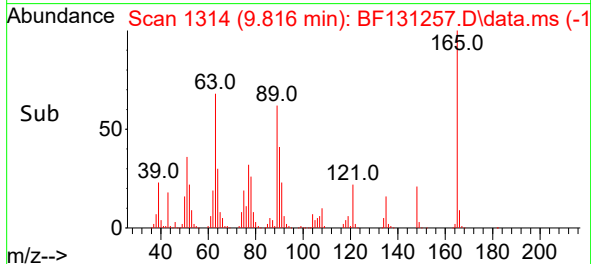
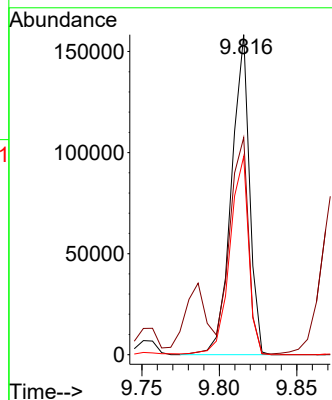
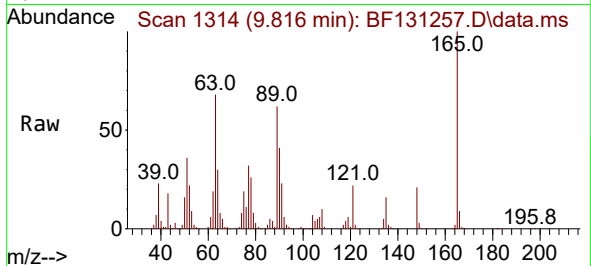




#51  
2,6-Dinitrotoluene  
Concen: 44.291 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

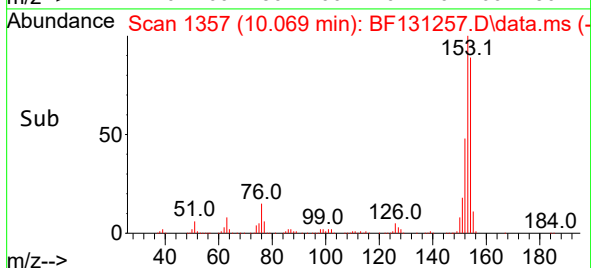
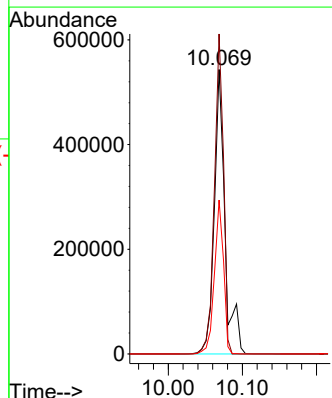
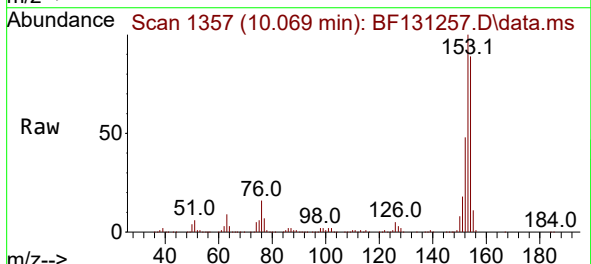
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

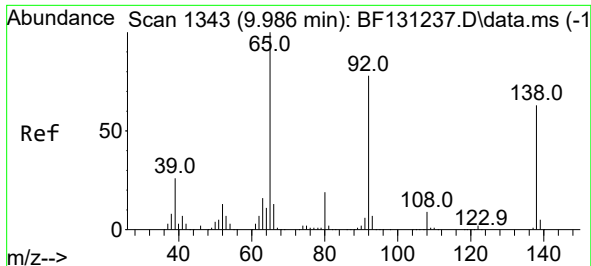
Tgt Ion:165 Resp: 128721  
Ion Ratio Lower Upper  
165 100  
63 67.9 49.8 74.6  
89 61.9 44.5 66.7



#52  
Acenaphthene  
Concen: 43.940 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:154 Resp: 542661  
Ion Ratio Lower Upper  
154 100  
153 112.5 91.4 137.2  
152 54.1 42.4 63.6

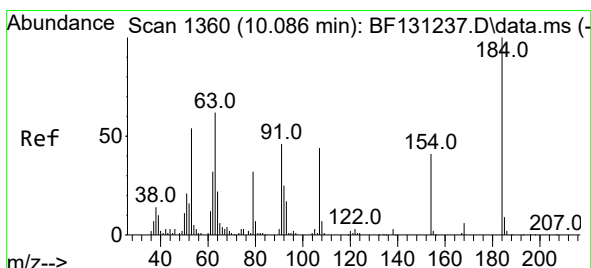
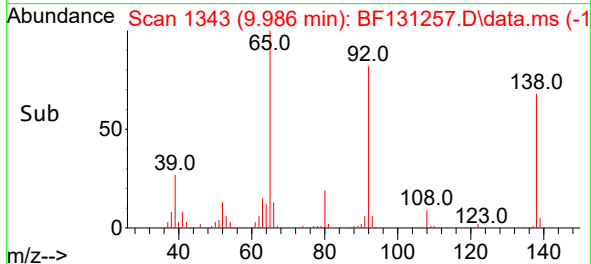
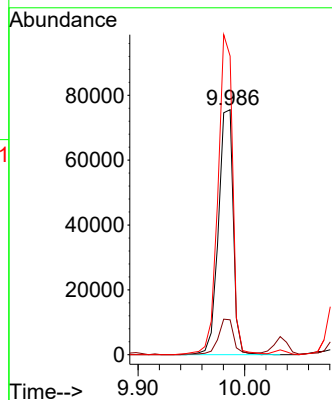
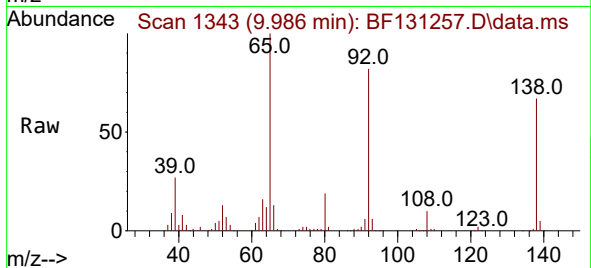




#53  
3-Nitroaniline  
Concen: 24.664 ng  
RT: 9.986 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

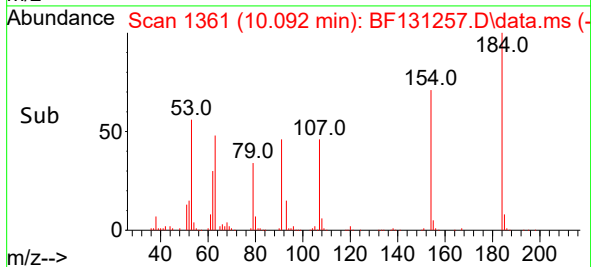
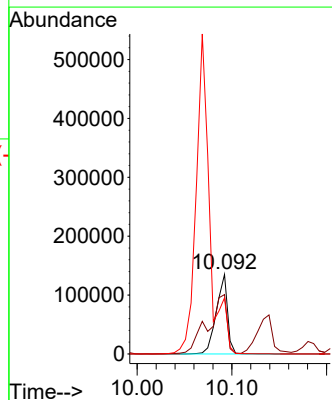
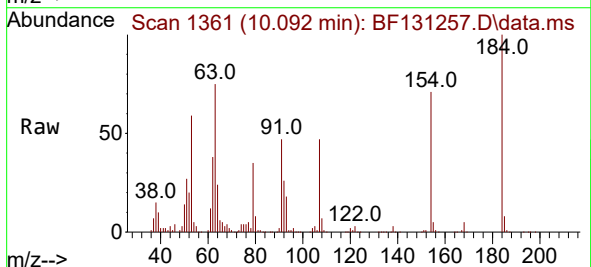
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

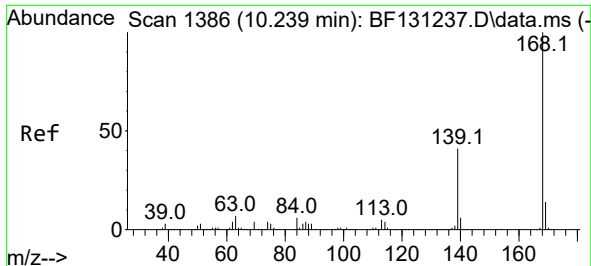
Tgt Ion:138 Resp: 72579  
Ion Ratio Lower Upper  
138 100  
108 14.2 11.4 17.2  
92 121.8 98.6 148.0



#54  
2,4-Dinitrophenol  
Concen: 82.773 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:184 Resp: 111049  
Ion Ratio Lower Upper  
184 100  
63 74.5 52.5 78.7  
154 70.7 54.0 81.0

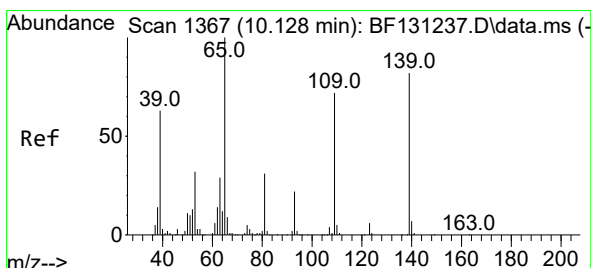
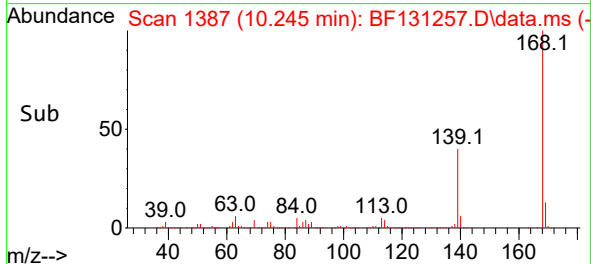
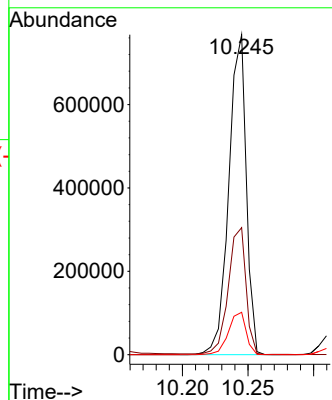
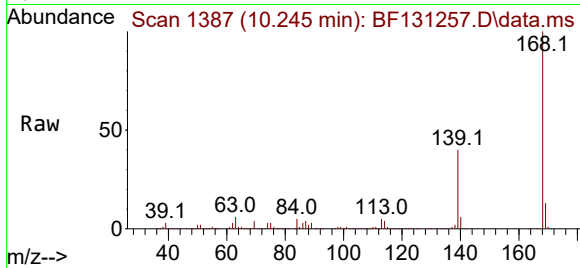




#55  
Dibenzenofuran  
Concen: 40.131 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

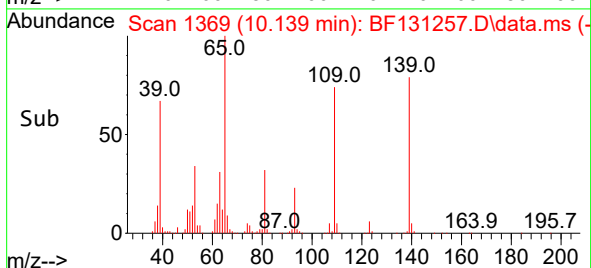
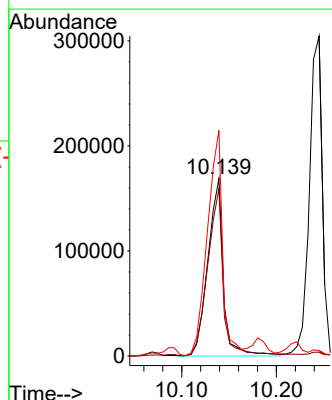
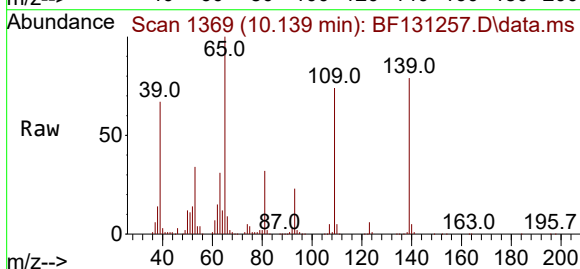
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

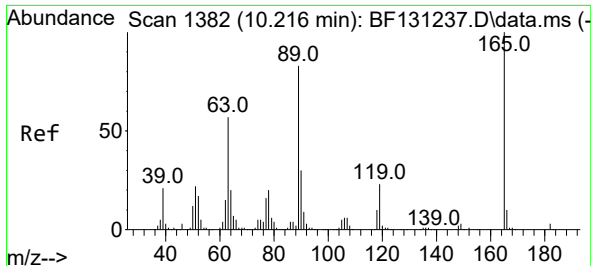
Tgt Ion:168 Resp: 710082  
Ion Ratio Lower Upper  
168 100  
139 39.7 32.9 49.3  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 82.028 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. 0.011 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:139 Resp: 192282  
Ion Ratio Lower Upper  
139 100  
109 94.2 68.1 108.1  
65 127.2 101.6 141.6

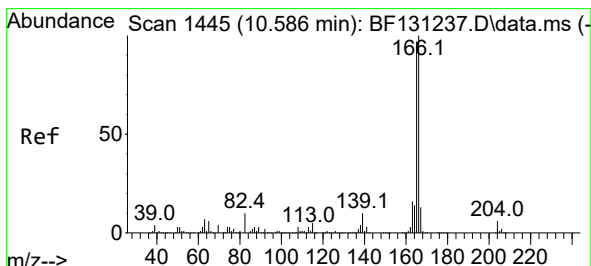
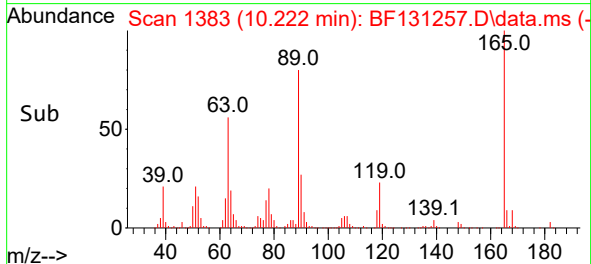
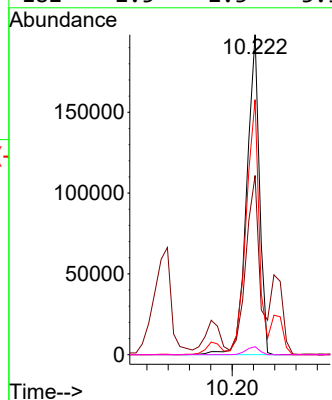
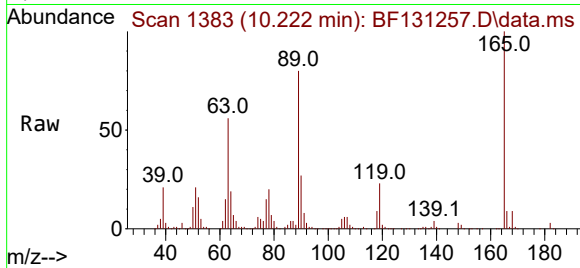




#57  
2,4-Dinitrotoluene  
Concen: 45.863 ng  
RT: 10.222 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

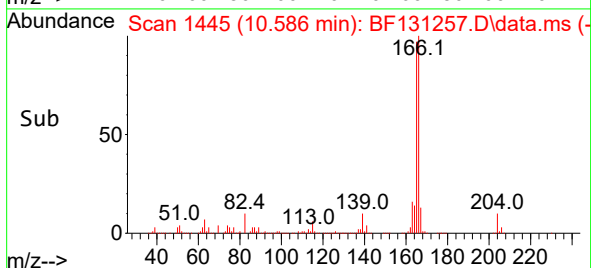
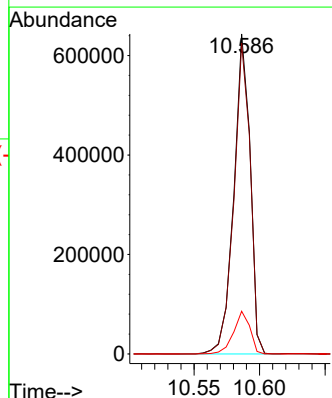
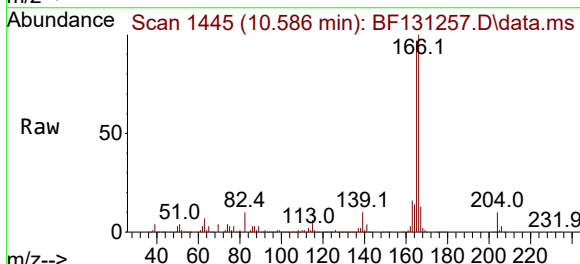
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

Tgt Ion:165 Resp: 165648  
Ion Ratio Lower Upper  
165 100  
63 56.0 46.0 69.0  
89 79.7 66.2 99.4  
182 2.5 2.3 3.5

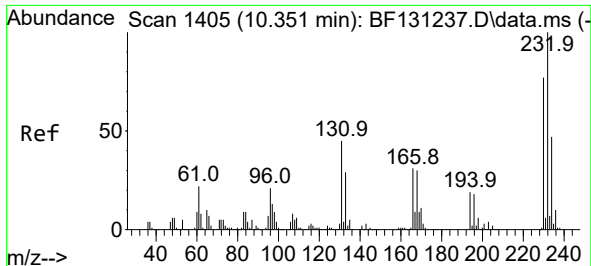


#58  
Fluorene  
Concen: 39.988 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:166 Resp: 556779  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.4 116.0  
167 13.3 10.5 15.7



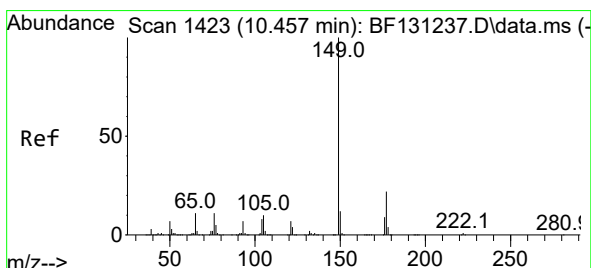
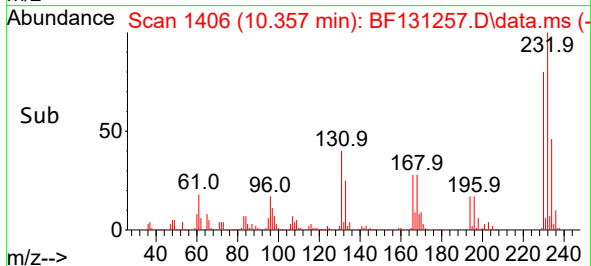
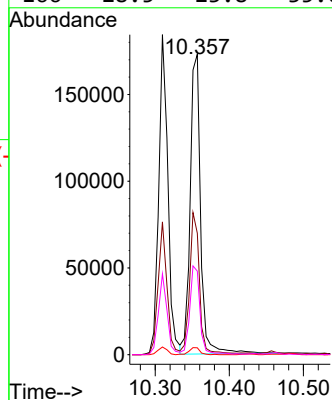
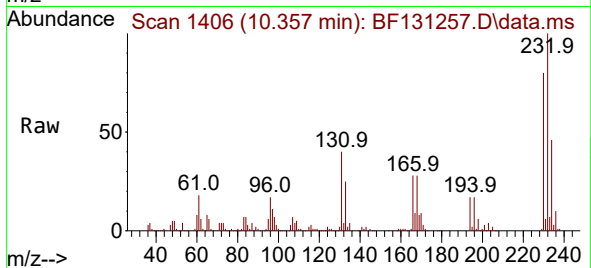




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.662 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

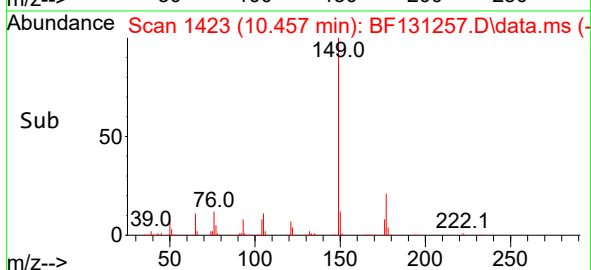
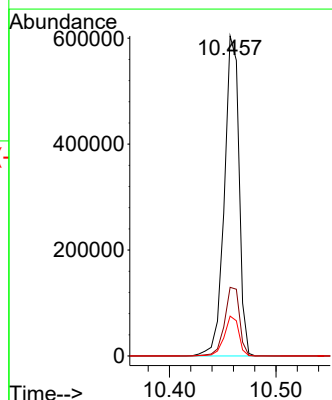
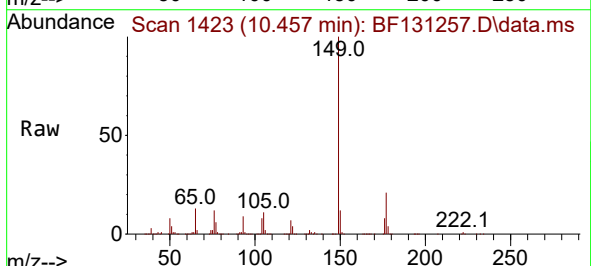
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

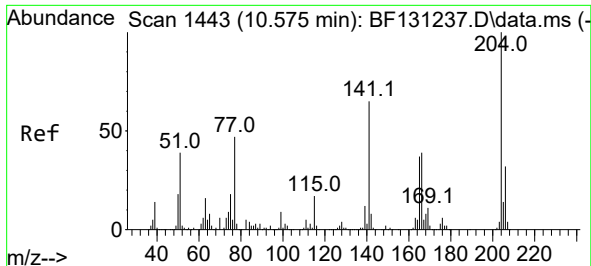
Tgt Ion:232 Resp: 169856  
Ion Ratio Lower Upper  
232 100  
131 43.3 34.6 51.8  
130 2.5 1.9 2.9  
166 28.5 23.8 35.6



#60  
Diethylphthalate  
Concen: 40.915 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:149 Resp: 576206  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.9 26.9  
150 12.4 9.9 14.9

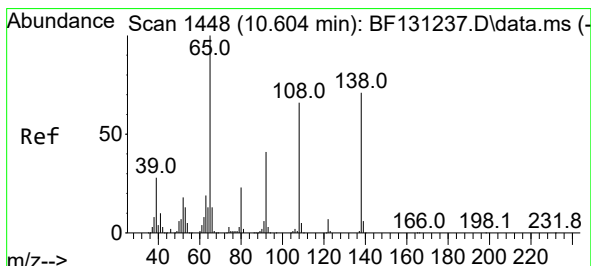
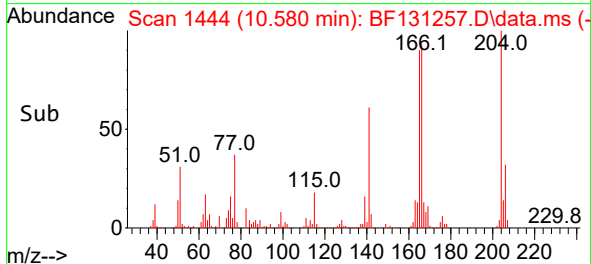
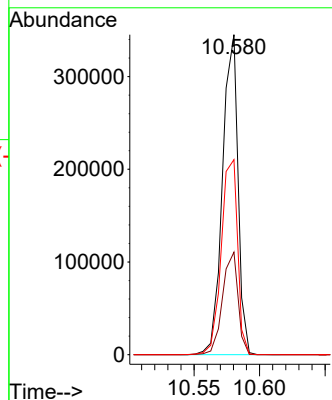
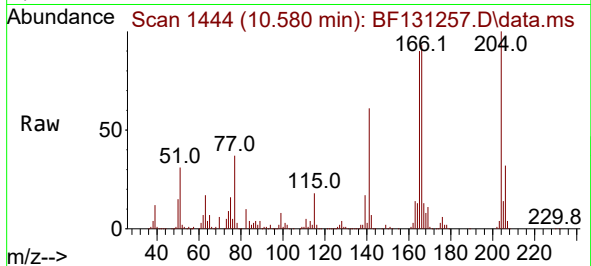




#61  
4-Chlorophenyl-phenylether  
Concen: 41.120 ng  
RT: 10.580 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

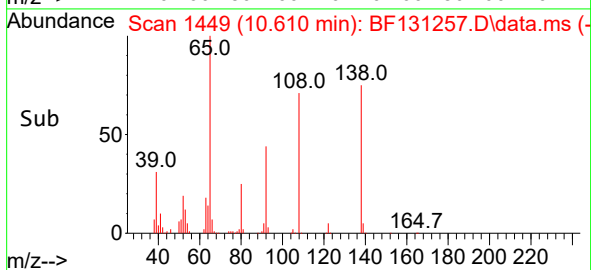
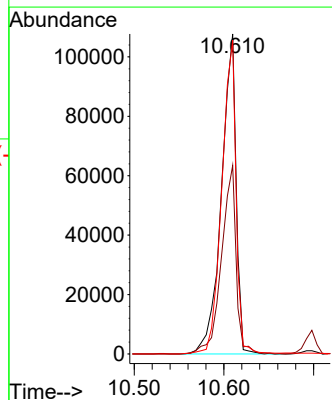
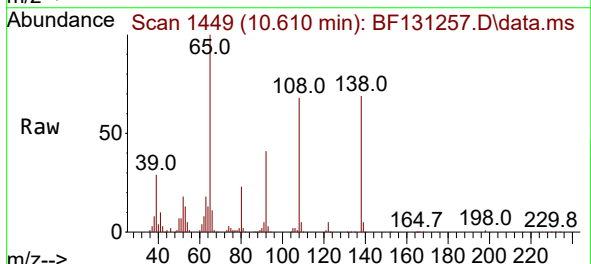
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

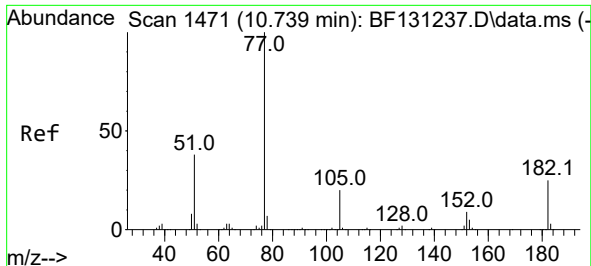
Tgt Ion:204 Resp: 283104  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.8 38.8  
141 60.9 52.1 78.1



#62  
4-Nitroaniline  
Concen: 40.195 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:138 Resp: 122466  
Ion Ratio Lower Upper  
138 100  
92 58.9 37.6 77.6  
108 98.0 73.2 113.2

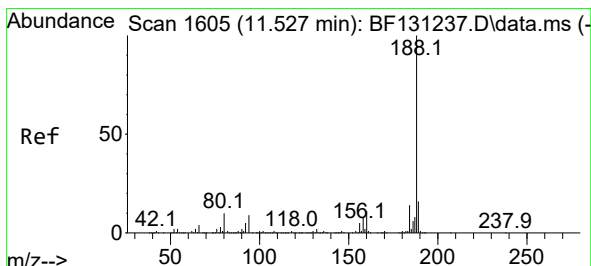
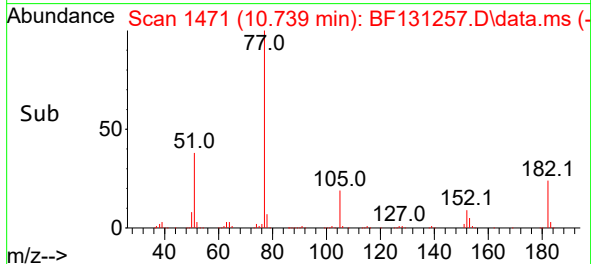
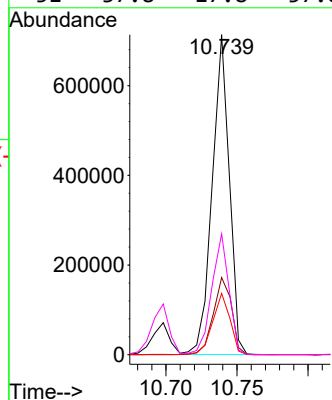
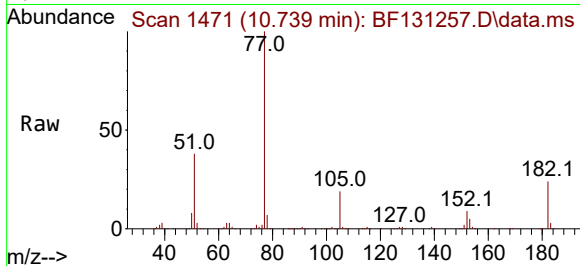




#63  
 Azobenzene  
 Concen: 40.503 ng  
 RT: 10.739 min Scan# 1471  
 Delta R.T. -0.000 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

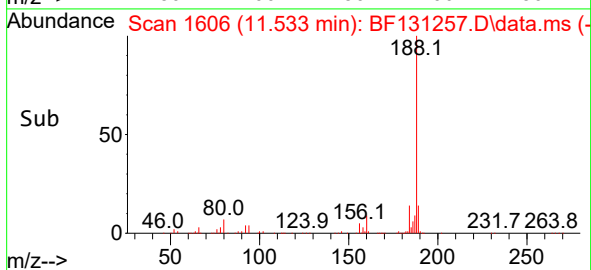
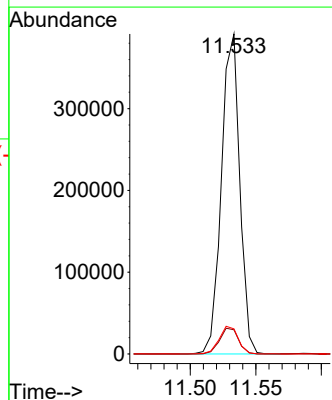
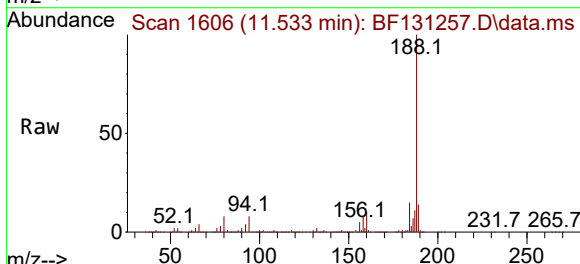
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

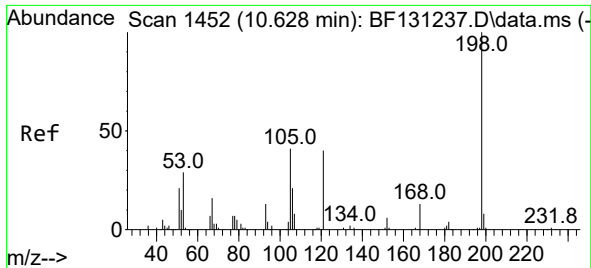
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 597193 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 24.1  | 5.0   | 45.0   |
| 105      | 19.2  | 0.1   | 40.1   |
| 51       | 37.8  | 17.8  | 57.8   |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.533 min Scan# 1606  
 Delta R.T. 0.006 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 379876 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.5   | 6.8   | 10.2   |
| 80       | 7.9   | 8.0   | 12.0   |

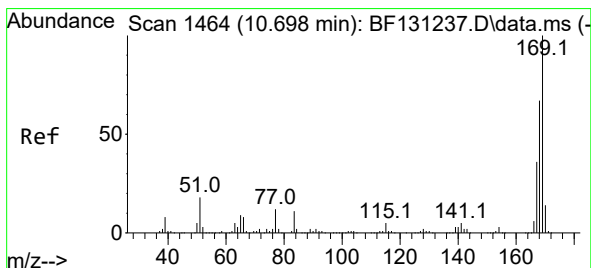
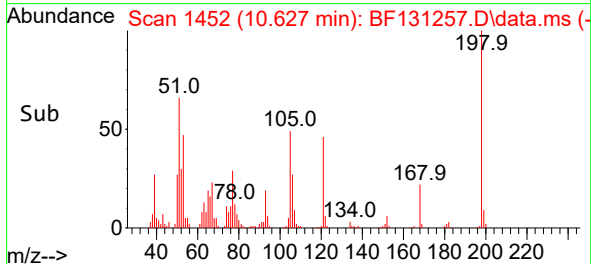
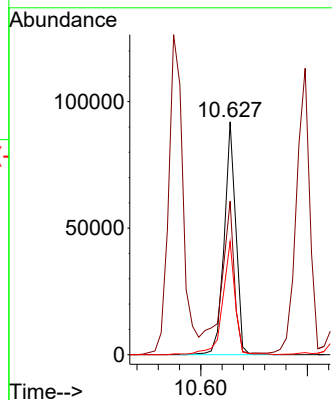
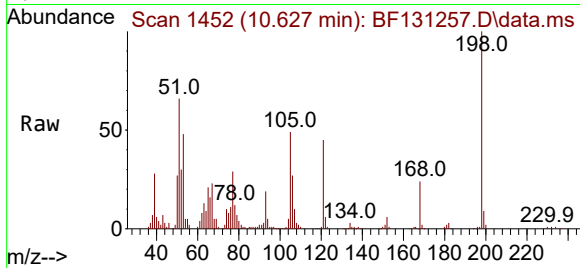




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.764 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. -0.001 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

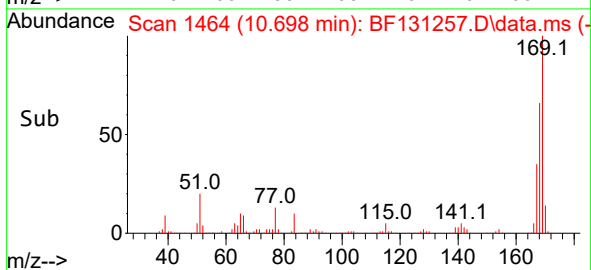
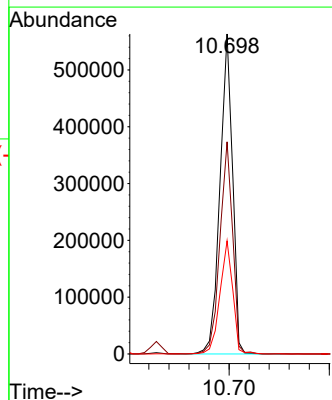
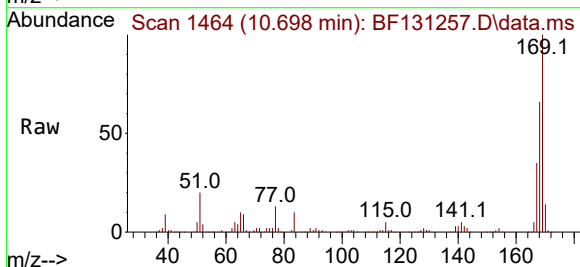
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

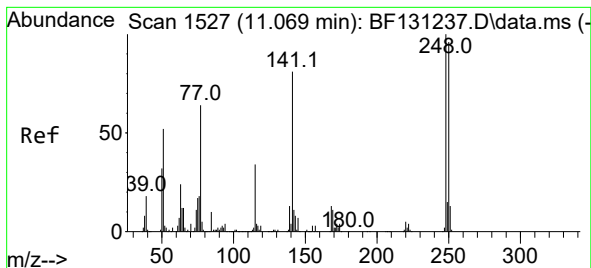
Tgt Ion:198 Resp: 69234  
Ion Ratio Lower Upper  
198 100  
51 66.0 29.4 69.4  
105 48.6 22.2 62.2



#66  
n-Nitrosodiphenylamine  
Concen: 40.561 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:169 Resp: 489526  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.4 80.0  
167 35.4 28.9 43.3

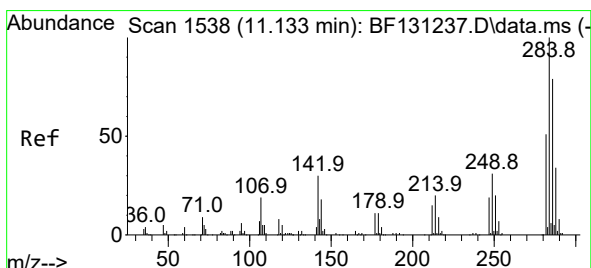
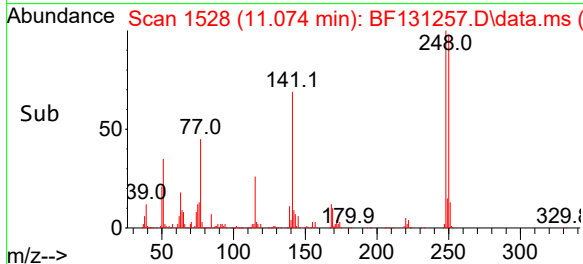
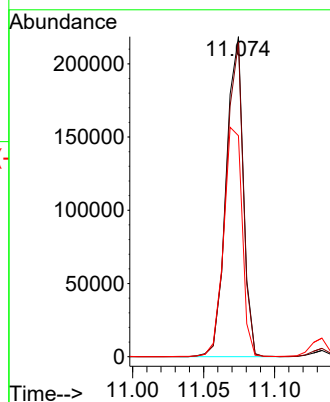
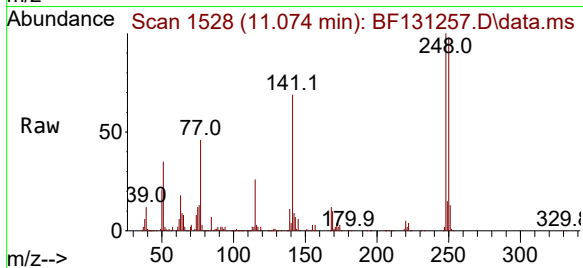




#67  
4-Bromophenyl-phenylether  
Concen: 41.194 ng  
RT: 11.074 min Scan# 1527  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

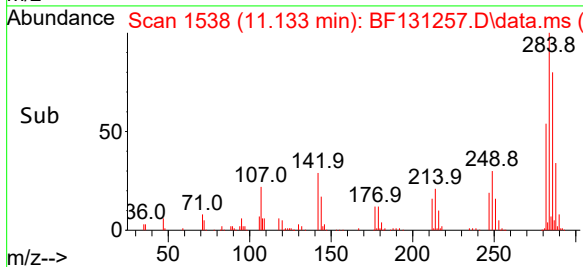
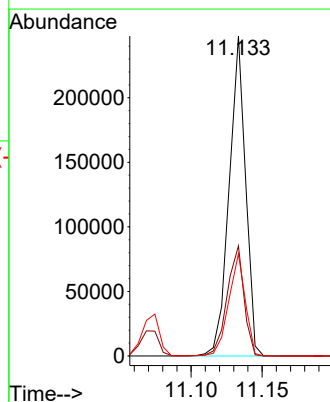
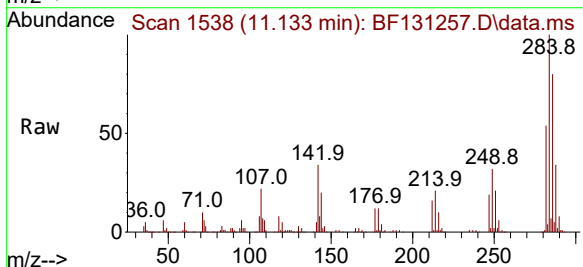
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

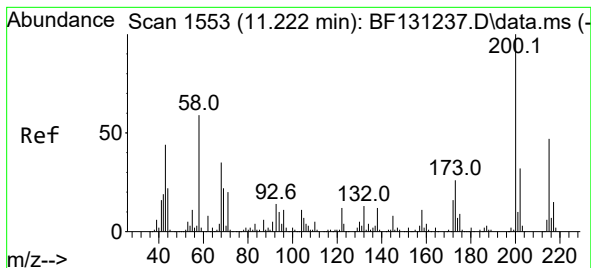
Tgt Ion:248 Resp: 183736  
Ion Ratio Lower Upper  
248 100  
250 98.3 76.6 114.8  
141 69.0 64.7 97.1



#68  
Hexachlorobenzene  
Concen: 41.311 ng  
RT: 11.133 min Scan# 1538  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:284 Resp: 199687  
Ion Ratio Lower Upper  
284 100  
142 34.4 24.3 36.5  
249 31.9 24.8 37.2





#69

Atrazine

Concen: 43.748 ng

RT: 11.227 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

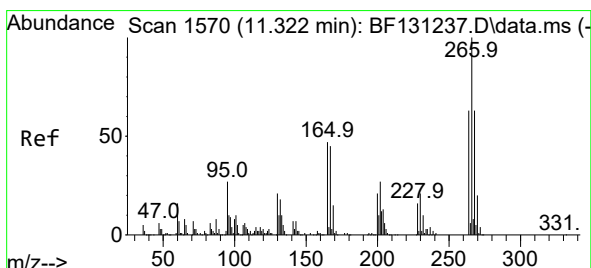
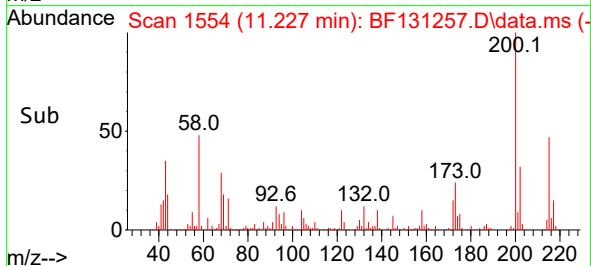
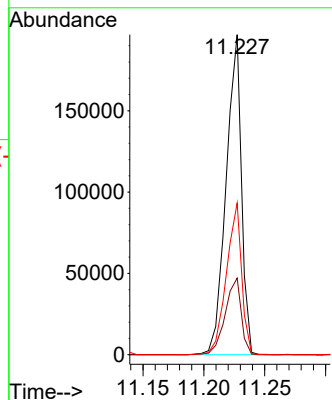
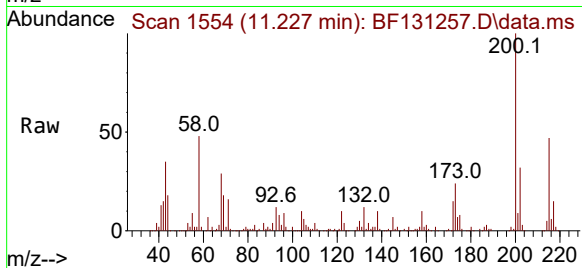
Tgt Ion:200 Resp: 173068

Ion Ratio Lower Upper

200 100

173 23.9 6.4 46.4

215 47.4 26.5 66.5



#70

Pentachlorophenol

Concen: 83.521 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

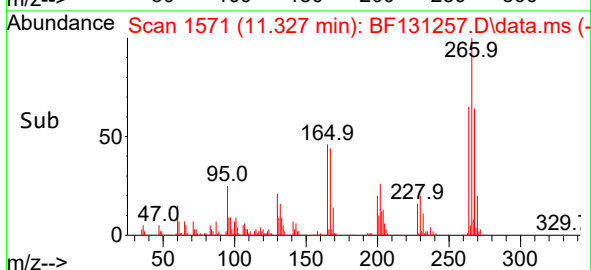
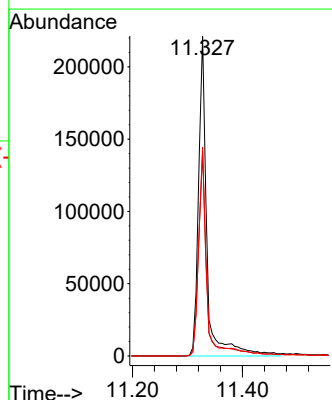
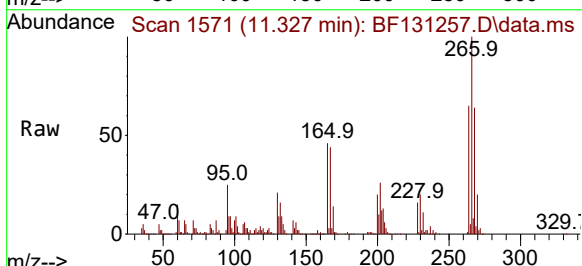
Tgt Ion:266 Resp: 235642

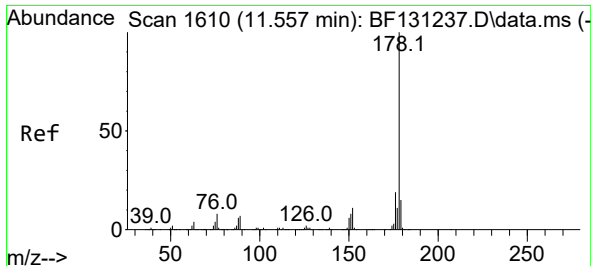
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 65.3 50.4 75.6

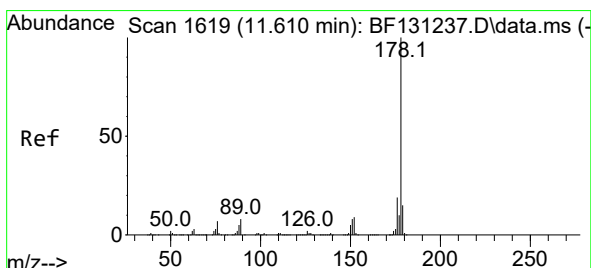
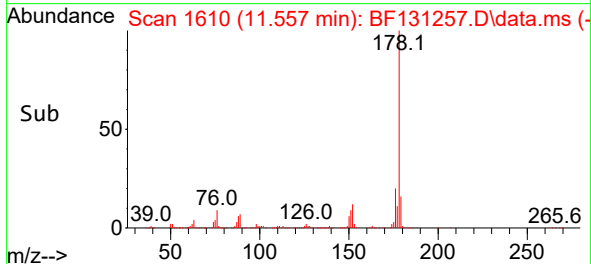
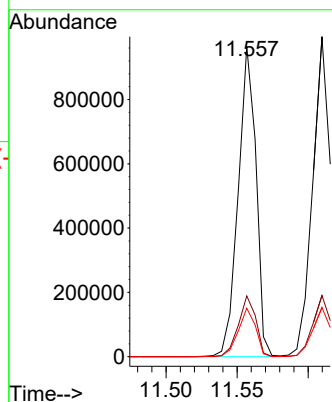
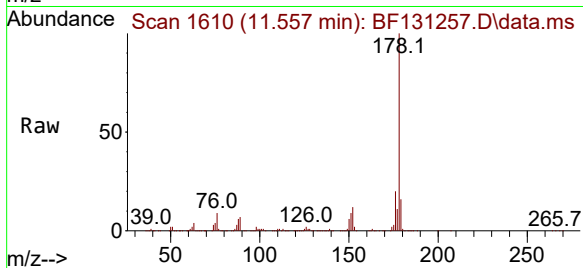




#71  
Phenanthrene  
Concen: 40.203 ng  
RT: 11.557 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

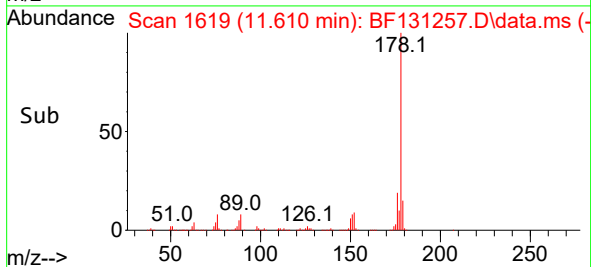
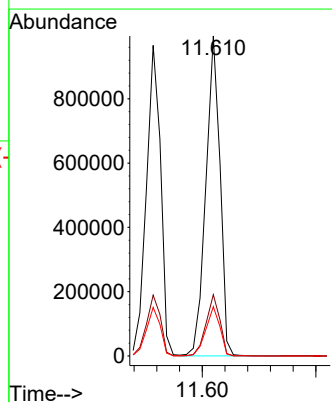
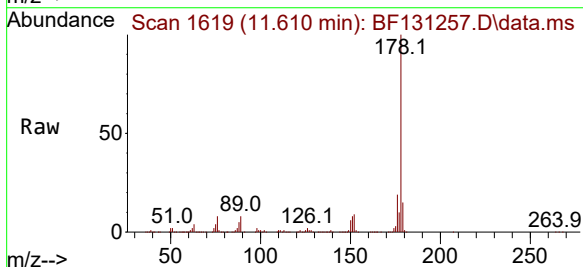
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

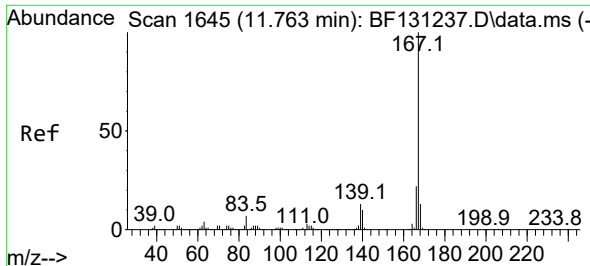
Tgt Ion:178 Resp: 842853  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.3 22.9  
179 15.6 12.1 18.1



#72  
Anthracene  
Concen: 41.967 ng  
RT: 11.610 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:178 Resp: 859478  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.2 22.8  
179 15.4 12.2 18.2

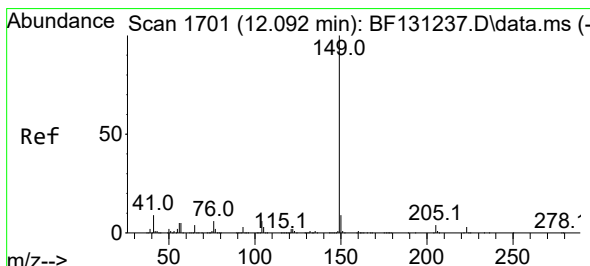
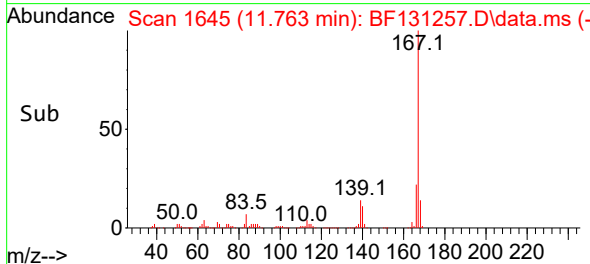
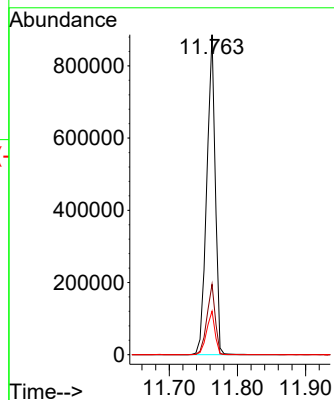
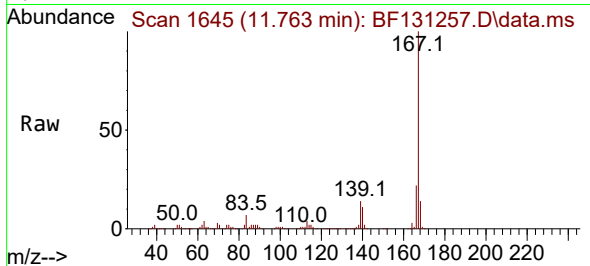




#73  
 Carbazole  
 Concen: 42.010 ng  
 RT: 11.763 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

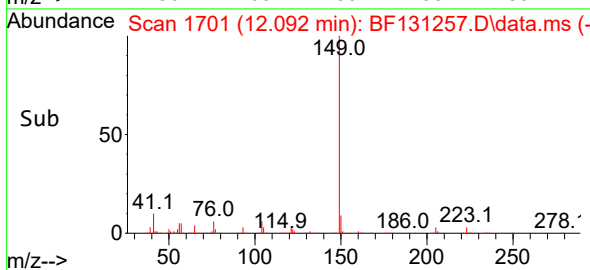
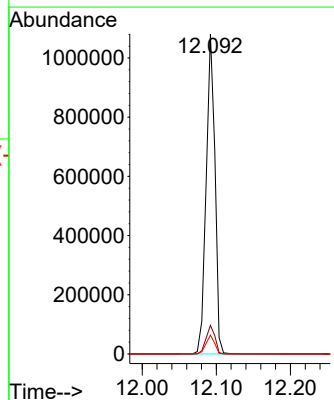
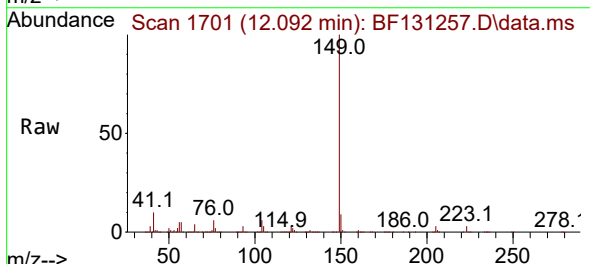
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148855BS

Tgt Ion:167 Resp: 770126  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.3 25.9  
 139 13.6 10.3 15.5

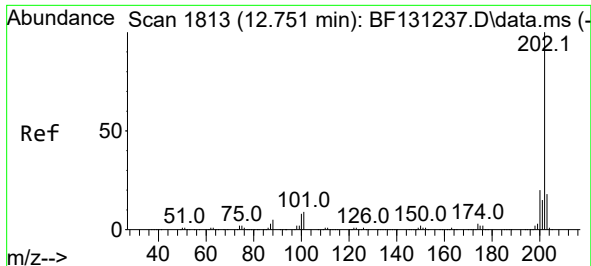


#74  
 Di-n-butylphthalate  
 Concen: 41.890 ng  
 RT: 12.092 min Scan# 1701  
 Delta R.T. -0.000 min  
 Lab File: BF131257.D  
 Acq: 16 Nov 2022 10:51

Tgt Ion:149 Resp: 893713  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.3 10.9  
 104 5.9 4.5 6.7



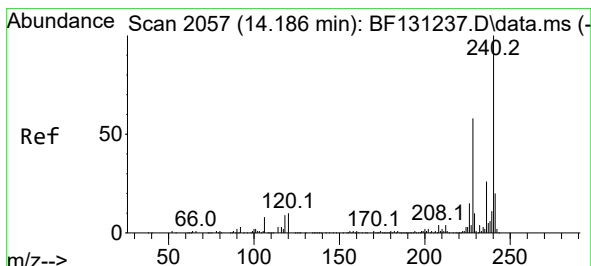
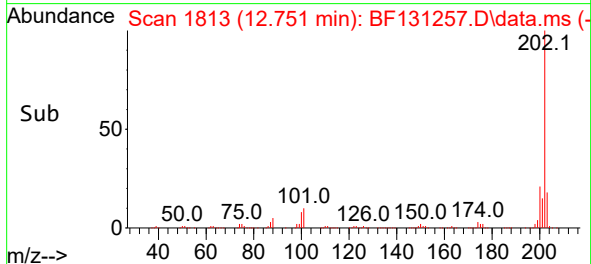
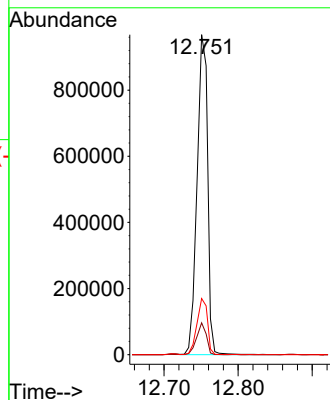
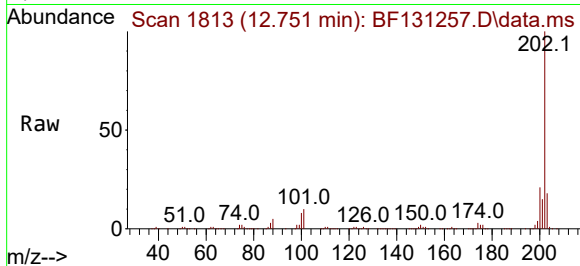




#75  
Fluoranthene  
Concen: 41.348 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

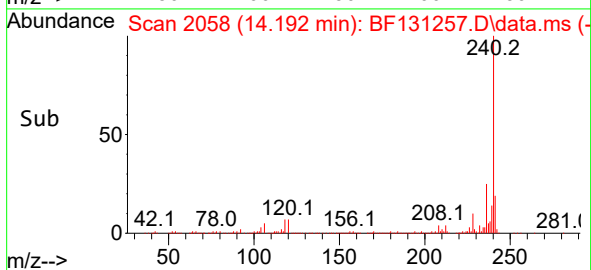
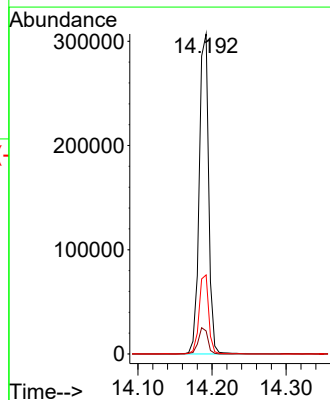
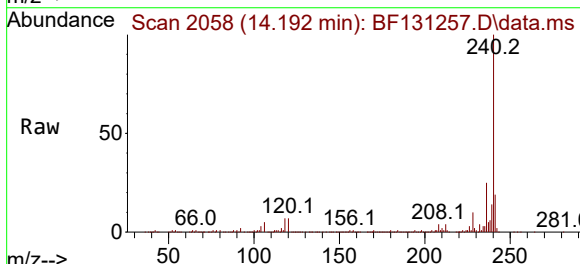
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

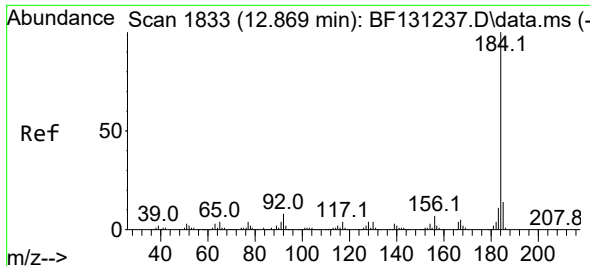
Tgt Ion:202 Resp: 956020  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 29.4  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.192 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:240 Resp: 270671  
Ion Ratio Lower Upper  
240 100  
120 7.2 7.8 11.6#  
236 24.7 20.6 31.0

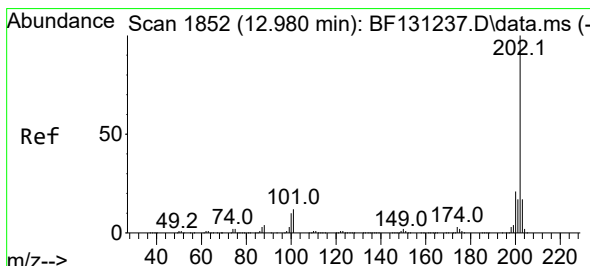
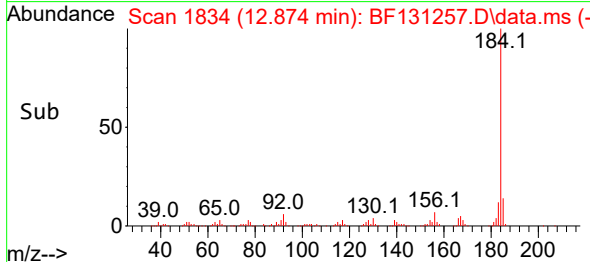
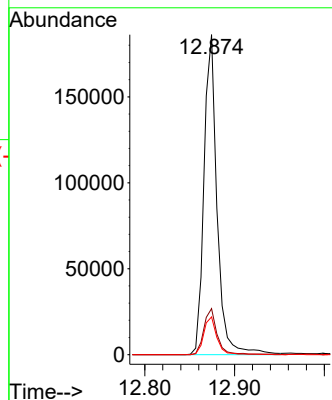
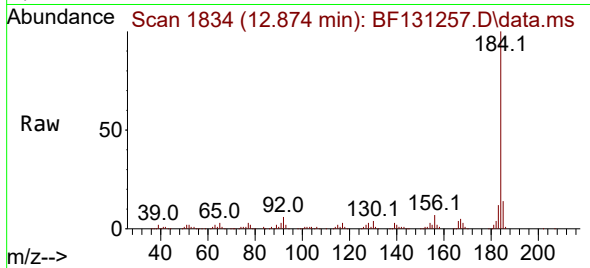




#77  
Benzidine  
Concen: 32.544 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. 0.005 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

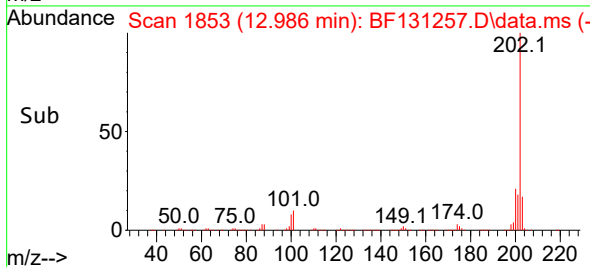
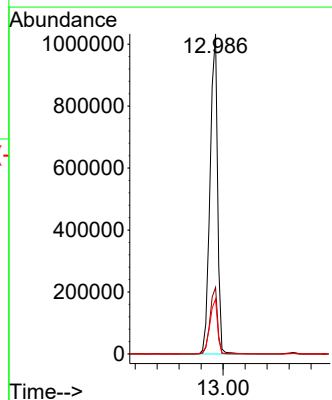
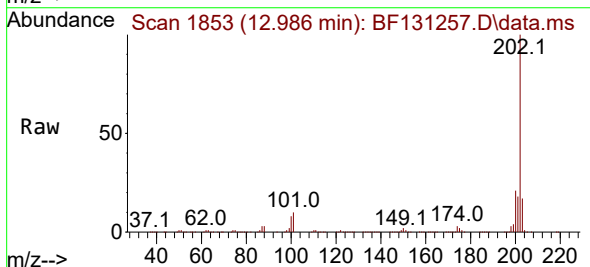
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

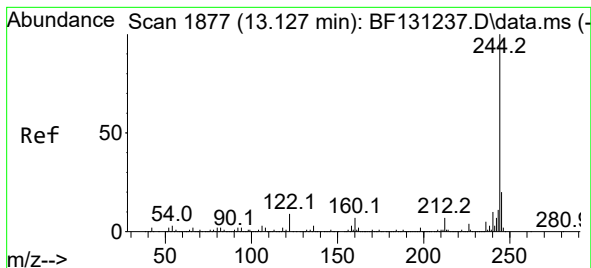
Tgt Ion:184 Resp: 188766  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.4 17.2  
183 11.8 9.0 13.4



#78  
Pyrene  
Concen: 41.615 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:202 Resp: 970973  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.4 24.6  
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 90.535 ng

RT: 13.127 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

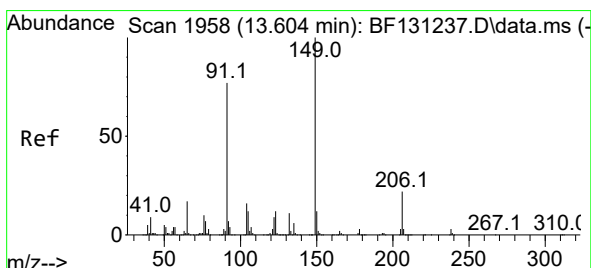
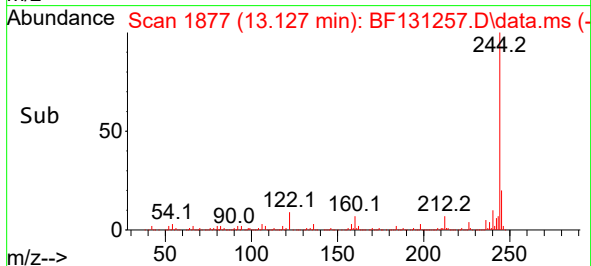
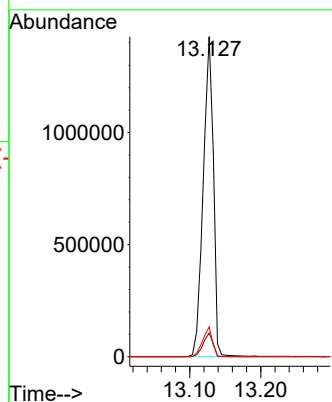
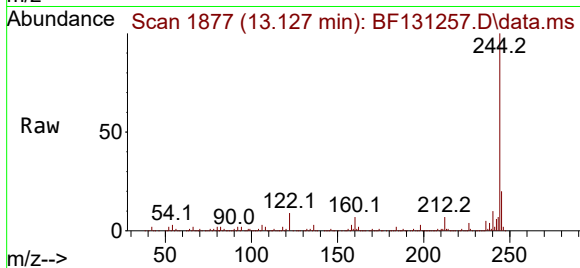
Tgt Ion:244 Resp: 1426989

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 45.699 ng

RT: 13.604 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

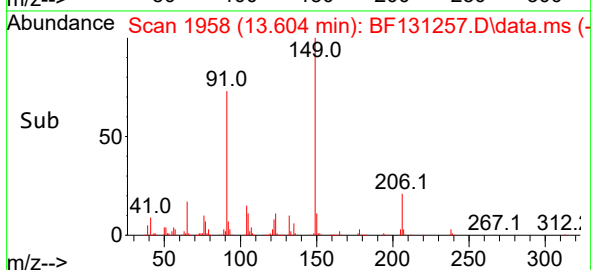
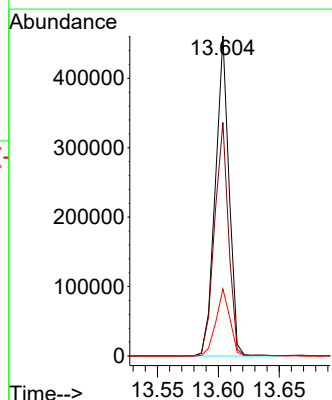
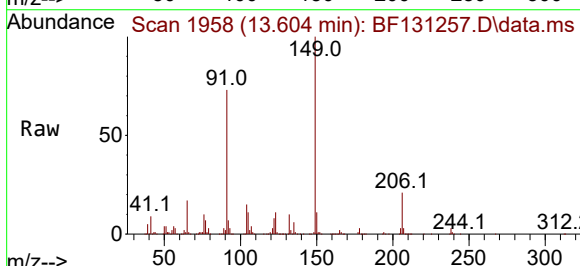
Tgt Ion:149 Resp: 361360

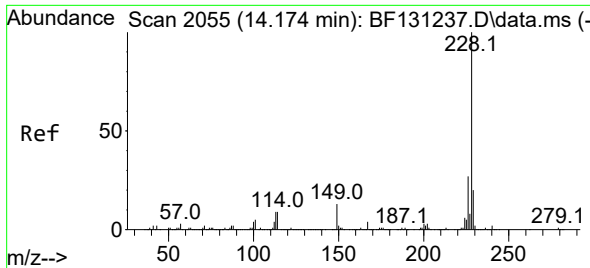
Ion Ratio Lower Upper

149 100

91 72.9 61.5 92.3

206 20.9 17.4 26.2

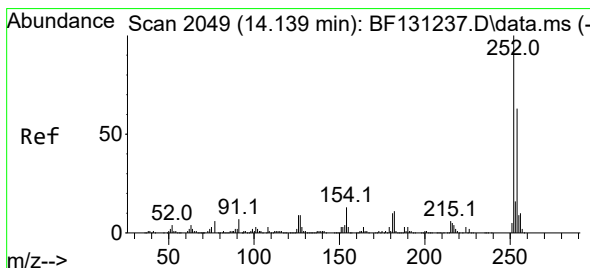
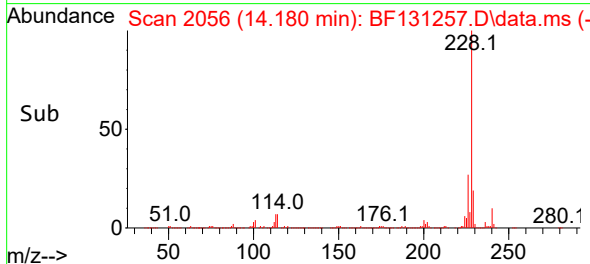
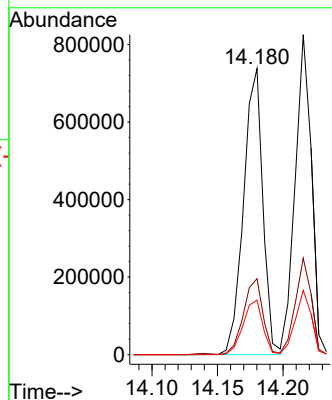
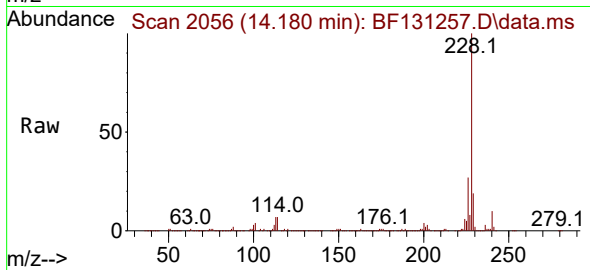




#81  
Benzo(a)anthracene  
Concen: 40.141 ng  
RT: 14.180 min Scan# 2056  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

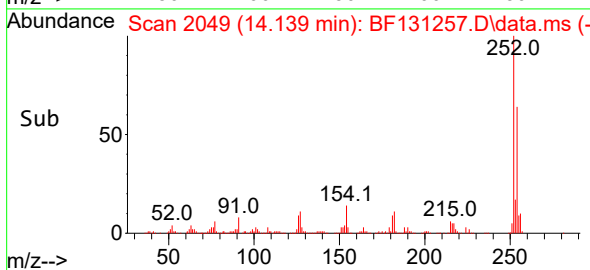
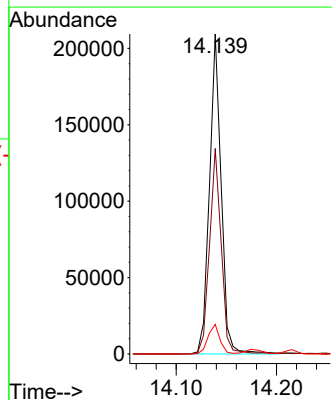
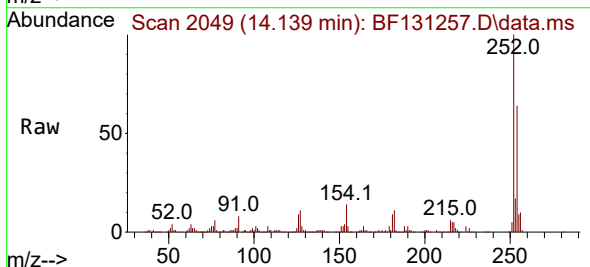
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

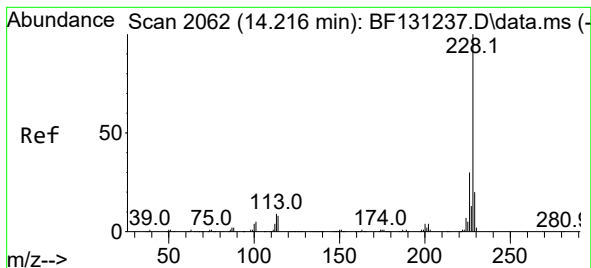
Tgt Ion:228 Resp: 755097  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.3 31.9  
229 19.1 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 31.111 ng  
RT: 14.139 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:252 Resp: 171246  
Ion Ratio Lower Upper  
252 100  
254 64.2 50.2 75.4  
126 9.2 7.4 11.2





#83

Chrysene

Concen: 38.888 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

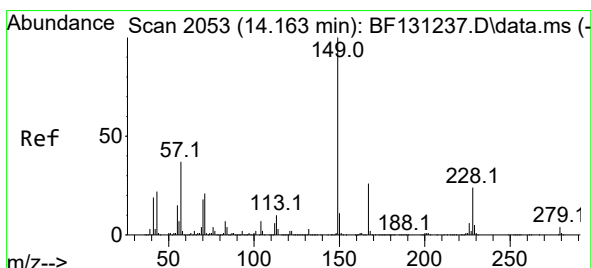
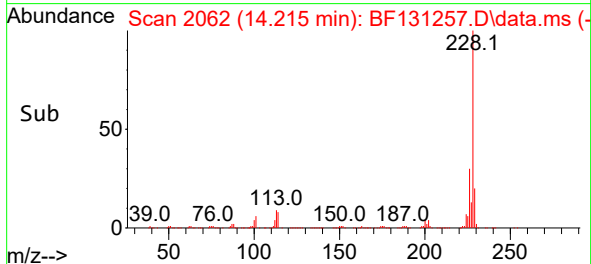
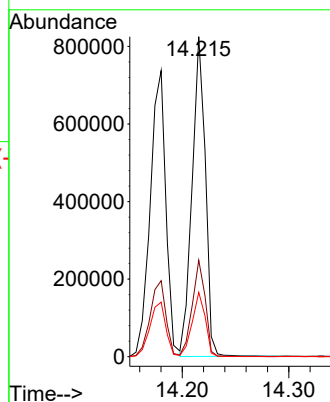
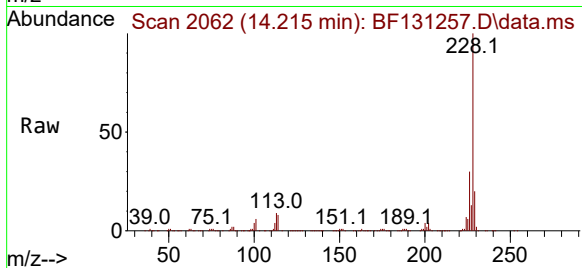
Tgt Ion:228 Resp: 712641

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.610 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

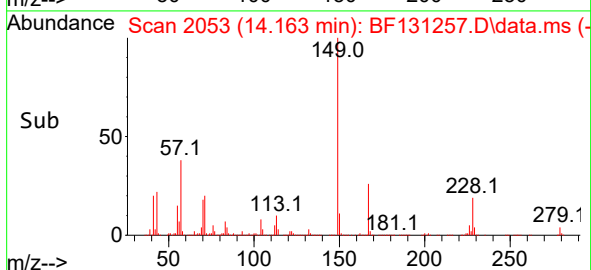
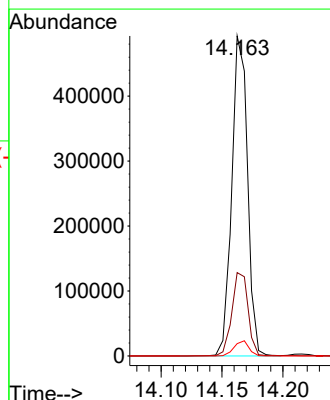
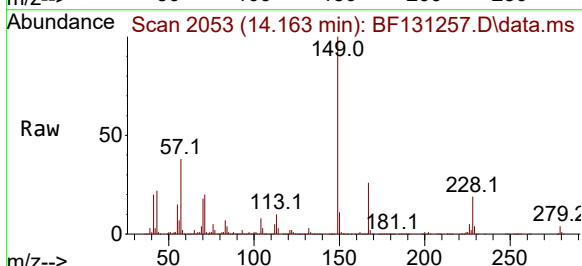
Tgt Ion:149 Resp: 443639

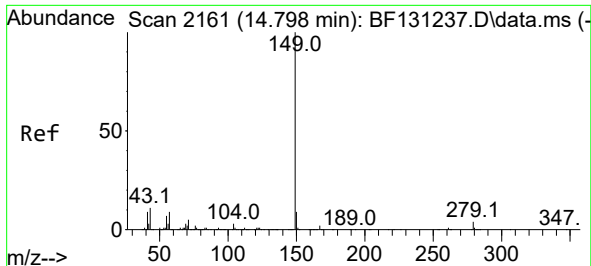
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

279 3.9 3.1 4.7

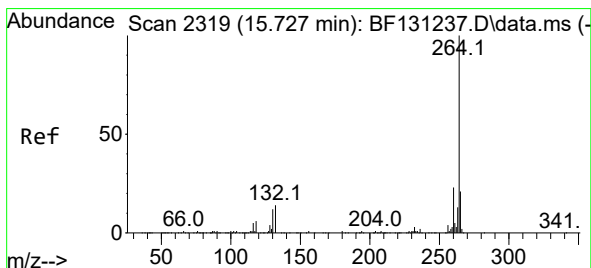
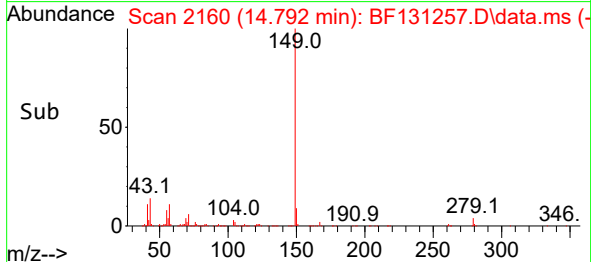
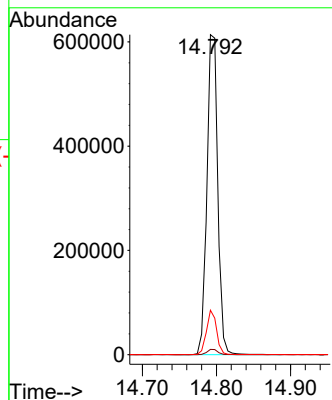
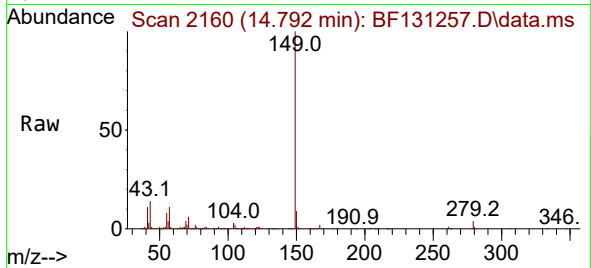




#85  
Di-n-octyl phthalate  
Concen: 44.603 ng  
RT: 14.792 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

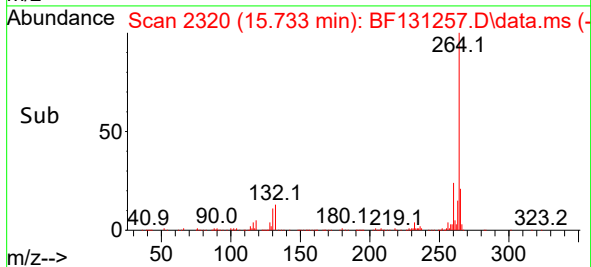
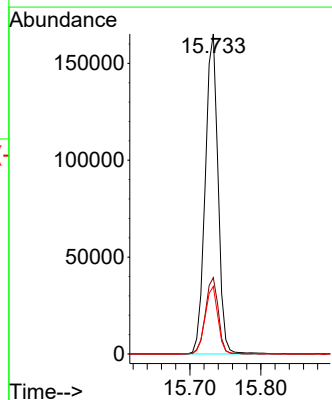
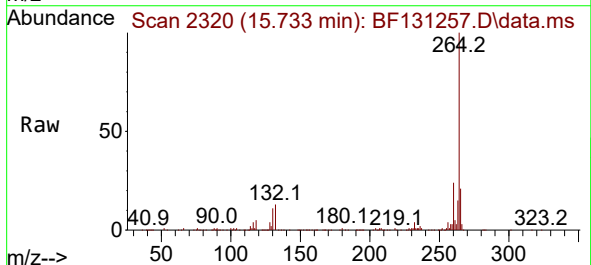
Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

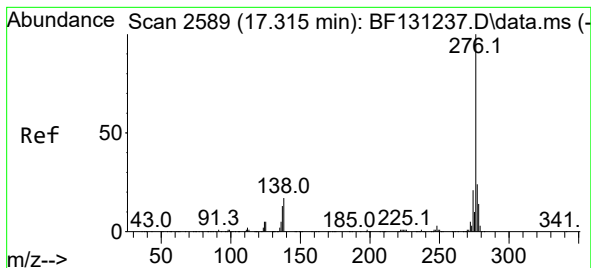
Tgt Ion:149 Resp: 626830  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 13.1 10.1 15.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.733 min Scan# 2320  
Delta R.T. 0.006 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:264 Resp: 207466  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 27.8  
265 21.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.791 ng

RT: 17.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

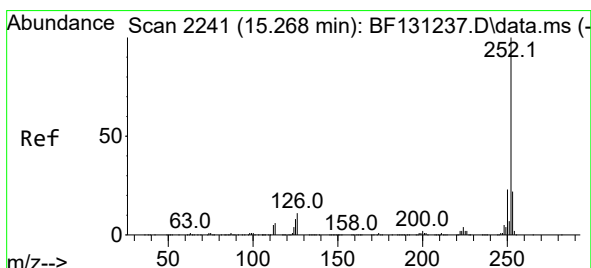
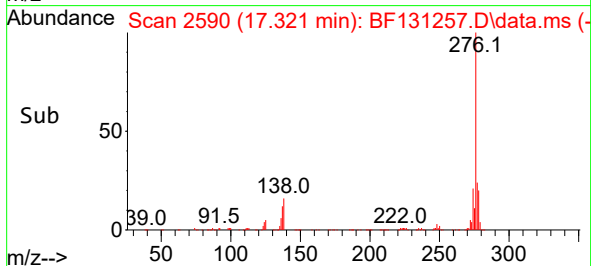
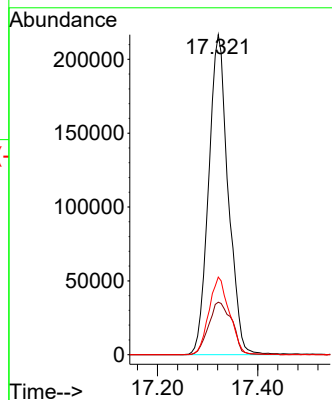
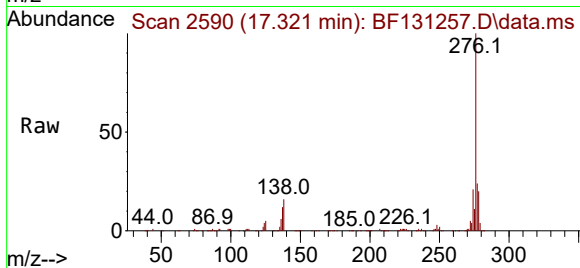
Tgt Ion:276 Resp: 586489

Ion Ratio Lower Upper

276 100

138 19.7 16.6 24.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.431 ng

RT: 15.274 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

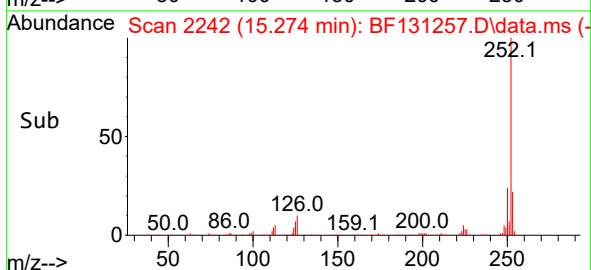
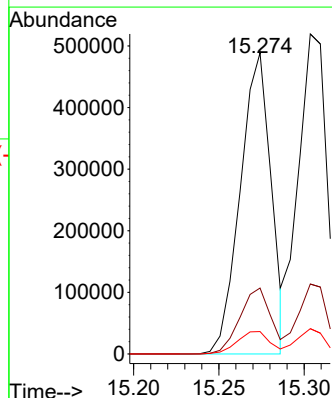
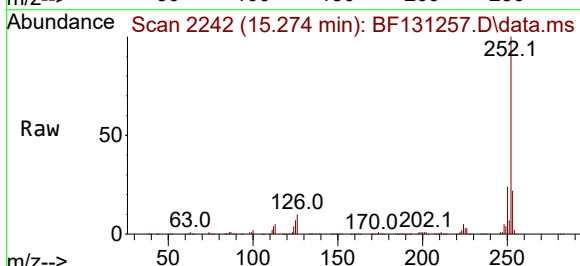
Tgt Ion:252 Resp: 614618

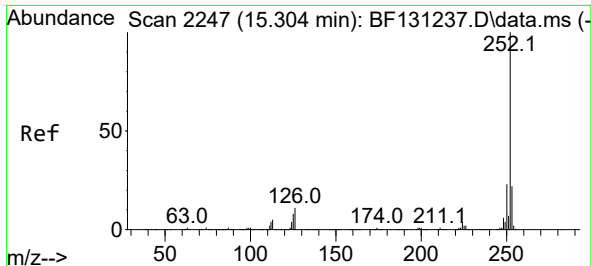
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 7.5 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 42.566 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA\_F

ClientSampleId :

PB148855BS

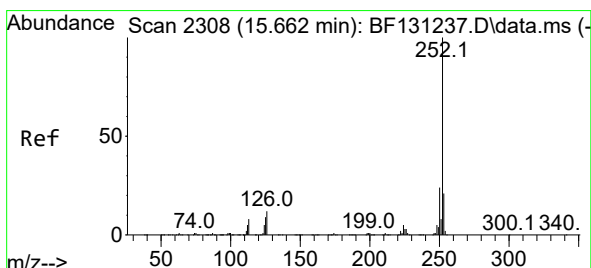
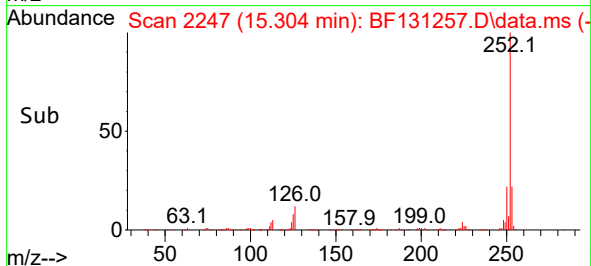
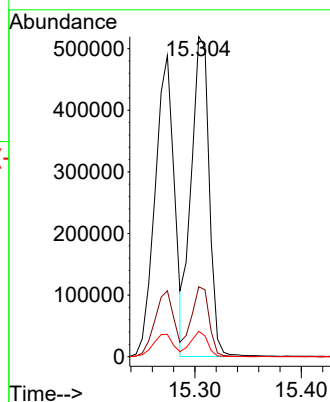
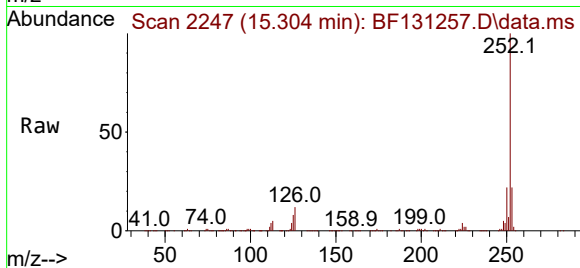
Tgt Ion:252 Resp: 611234

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.9 6.6 9.8



#90

Benzo(a)pyrene

Concen: 45.452 ng

RT: 15.668 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

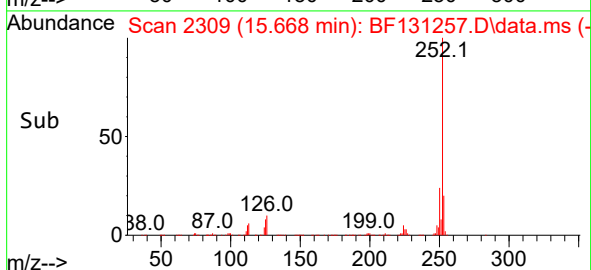
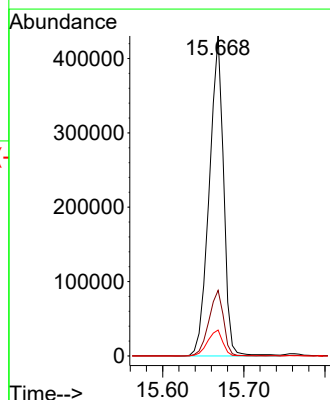
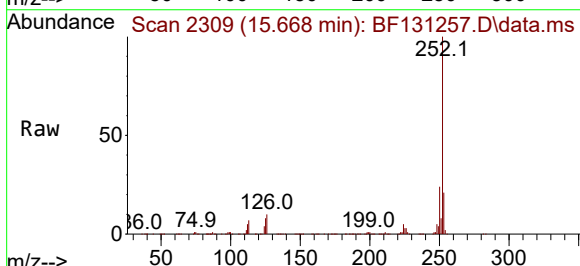
Tgt Ion:252 Resp: 526287

Ion Ratio Lower Upper

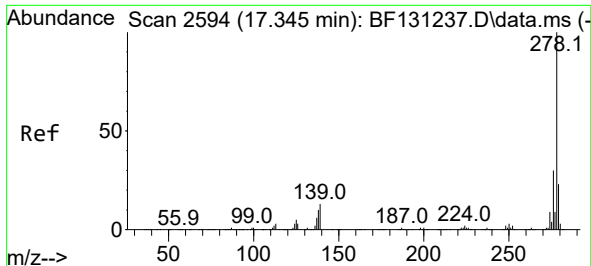
252 100

253 20.5 16.9 25.3

125 8.1 7.0 10.4



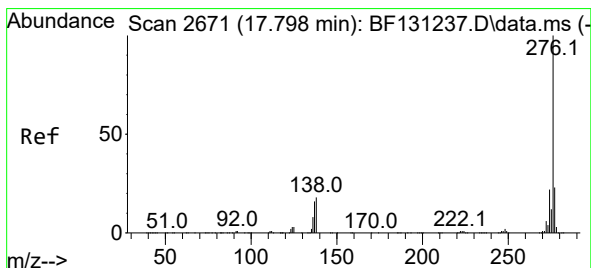
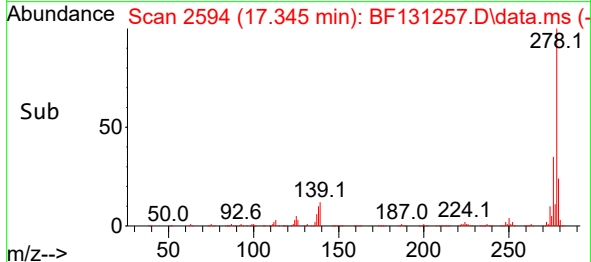
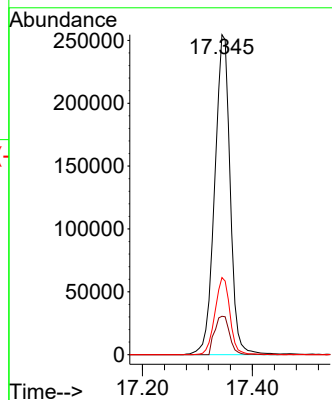
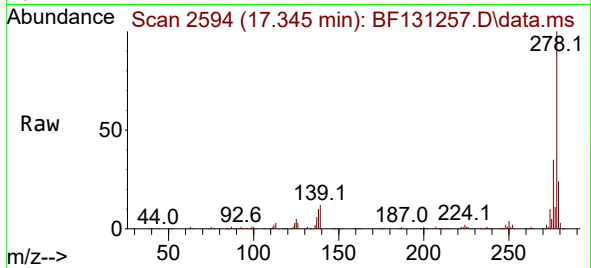




#91  
Dibenzo(a,h)anthracene  
Concen: 44.224 ng  
RT: 17.345 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Instrument :  
BNA\_F  
ClientSampleId :  
PB148855BS

Tgt Ion:278 Resp: 497286  
Ion Ratio Lower Upper  
278 100  
139 12.0 10.1 15.1  
279 24.1 18.2 27.4



#92  
Benzo(g,h,i)perylene  
Concen: 38.944 ng  
RT: 17.809 min Scan# 2673  
Delta R.T. 0.011 min  
Lab File: BF131257.D  
Acq: 16 Nov 2022 10:51

Tgt Ion:276 Resp: 480924  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.6 27.8  
138 17.0 14.5 21.7

