

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122222\  
 Data File : BF131785.D  
 Acq On : 22 Dec 2022 19:39  
 Operator : CG\JU  
 Sample : N6178-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

Quant Time: Dec 23 03:33:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 23 03:03:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 78369    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 285061   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 166287   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 322752   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 191414   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 159177   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 615081   | 132.160 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.492  | 99   | 806466   | 128.742 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 567542   | 80.825  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 242708   | 133.351 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 964752   | 81.272  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1091033  | 88.834  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 99757    | 45.868  | ng    | 97       |
| 3) Pyridine                   | 3.422  | 79   | 272458   | 43.934  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.398  | 42   | 137880   | 49.142  | ng    | # 91     |
| 6) Aniline                    | 6.522  | 93   | 219716   | 28.411  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.639  | 128  | 244817   | 48.975  | ng    | 98       |
| 9) Benzaldehyde               | 6.404  | 77   | 190898   | 53.734  | ng    | 98       |
| 10) Phenol                    | 6.504  | 94   | 347758   | 46.497  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 262786   | 49.100  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 272325   | 48.194  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 274180   | 47.469  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 258888   | 47.872  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 271010   | 48.437  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134  | 45   | 340087   | 49.834  | ng    | 99       |
| 17) 2-Methylphenol            | 7.116  | 107  | 220799   | 46.789  | ng    | 95       |
| 18) Hexachloroethane          | 7.369  | 117  | 111436   | 48.670  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 213990   | 47.366  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 280713   | 46.219  | ng    | 96       |
| 22) Acetophenone              | 7.269  | 105  | 398994   | 47.963  | ng    | # 91     |
| 24) Nitrobenzene              | 7.445  | 77   | 329756   | 46.194  | ng    | 96       |
| 25) Isophorone                | 7.686  | 82   | 588884   | 49.383  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.763  | 139  | 133918   | 48.002  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.798  | 122  | 222854   | 56.085  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 329869   | 52.092  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 220806   | 46.031  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.086  | 180  | 260866   | 46.259  | ng    | 100      |
| 31) Naphthalene               | 8.169  | 128  | 701929   | 45.088  | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 144830   | 45.534  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 45376    | 7.474   | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 171452   | 45.189  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 37668    | 26.042  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 261554   | 47.731  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 483204   | 45.502  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 444583   | 43.226  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 276880   | 48.668  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 323817   | 125.632 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 173866   | 46.783  | ng    | 97       |

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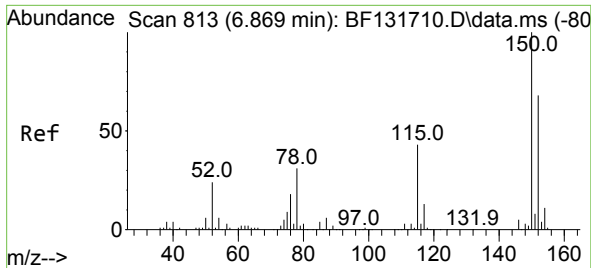
Quant Time: Dec 23 03:33:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 23 03:03:57 2022  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 183933   | 45.717  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 606855   | 48.517  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 487557   | 47.603  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 171601   | 46.484  | ng    | 95       |
| 49) Acenaphthylene            | 9.775  | 152  | 732831   | 47.704  | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 592305   | 47.338  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 129265   | 48.046  | ng    | 92       |
| 52) Acenaphthene              | 9.945  | 154  | 432878   | 45.999  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 58526    | 21.260  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 154148   | 95.621  | ng    | 100      |
| 55) Dibenzofuran              | 10.116 | 168  | 672687   | 46.615  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 189664   | 96.261  | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 174842   | 48.362  | ng    | 91       |
| 58) Fluorene                  | 10.463 | 166  | 534391   | 45.803  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 152684   | 45.458  | ng    | 96       |
| 60) Diethylphthalate          | 10.339 | 149  | 566040   | 46.950  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 295587   | 47.667  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 122772   | 44.313  | ng    | 93       |
| 63) Azobenzene                | 10.616 | 77   | 641201   | 48.431  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 101722   | 45.906  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 465678   | 46.527  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 179094   | 46.983  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 193546   | 46.166  | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 181027   | 54.259  | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 213678   | 96.029  | ng    | 98       |
| 71) Phenanthrene              | 11.427 | 178  | 789886   | 44.882  | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 811101   | 47.069  | ng    | 98       |
| 73) Carbazole                 | 11.639 | 167  | 706443   | 47.385  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 882902   | 47.560  | ng    | 100      |
| 75) Fluoranthene              | 12.621 | 202  | 862276   | 43.993  | ng    | 98       |
| 77) Benzidine                 | 12.745 | 184  | 362799   | 103.364 | ng    | 100      |
| 78) Pyrene                    | 12.851 | 202  | 887570   | 51.001  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 343760   | 56.005  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 650329   | 47.174  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 106198   | 27.592  | ng    | 98       |
| 83) Chrysene                  | 14.080 | 228  | 602904   | 46.336  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 443998   | 60.663  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 626381   | 61.308  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 556610   | 52.060  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 505552   | 44.892  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 502045   | 45.686  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 435572   | 48.829  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 454103   | 51.395  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 463641   | 53.090  | ng    | 100      |

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

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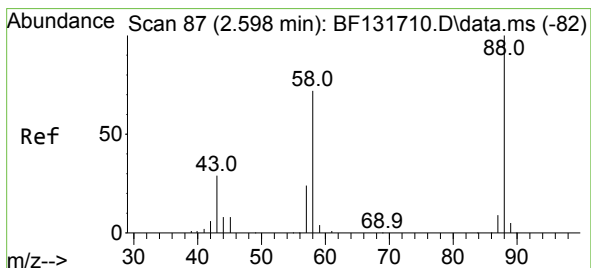
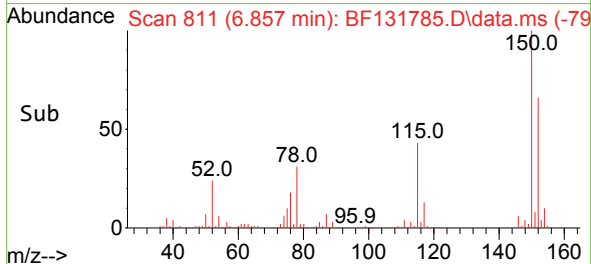
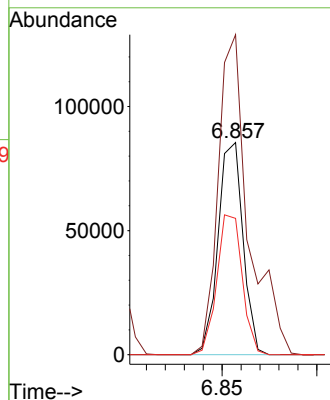
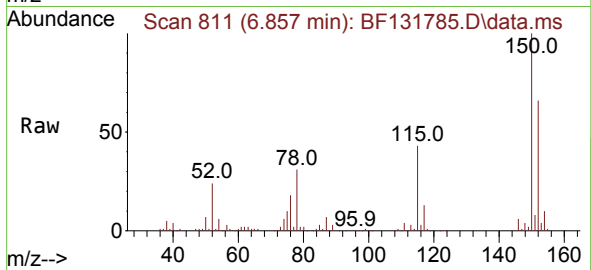




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

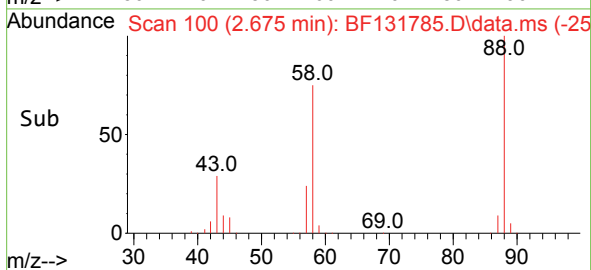
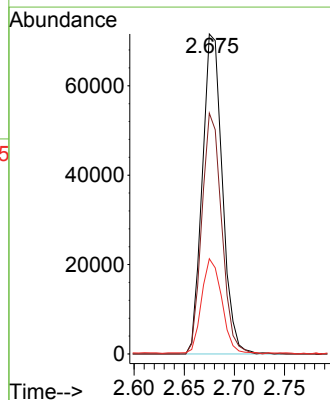
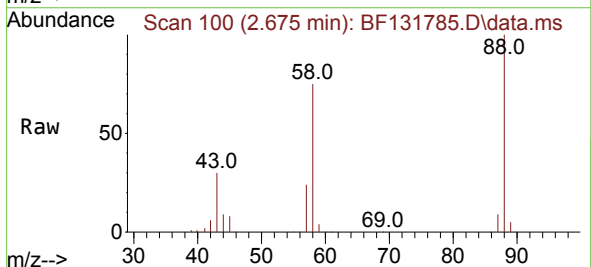
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

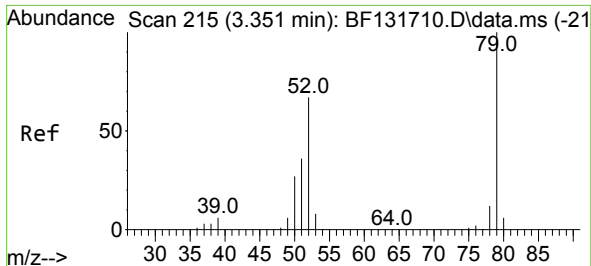
Tgt Ion:152 Resp: 78369  
 Ion Ratio Lower Upper  
 152 100  
 150 150.8 117.4 176.0  
 115 64.2 50.2 75.4



#2  
 1,4-Dioxane  
 Concen: 45.868 ng  
 RT: 2.675 min Scan# 100  
 Delta R.T. 0.094 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

Tgt Ion: 88 Resp: 99757  
 Ion Ratio Lower Upper  
 88 100  
 58 74.2 57.5 86.3  
 43 30.5 23.3 34.9

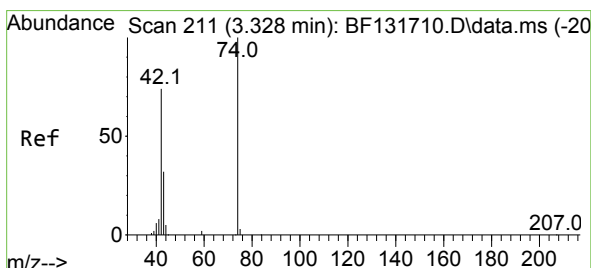
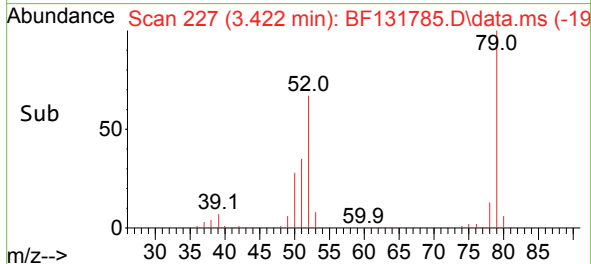
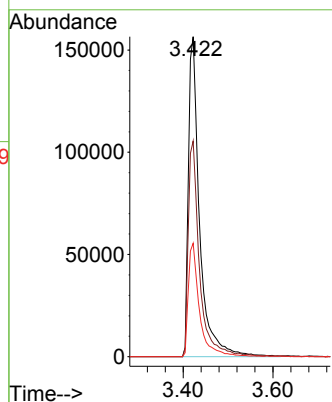
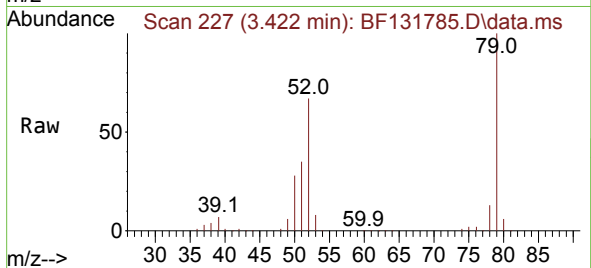




#3  
Pyridine  
Concen: 43.934 ng  
RT: 3.422 min Scan# 215  
Delta R.T. 0.094 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

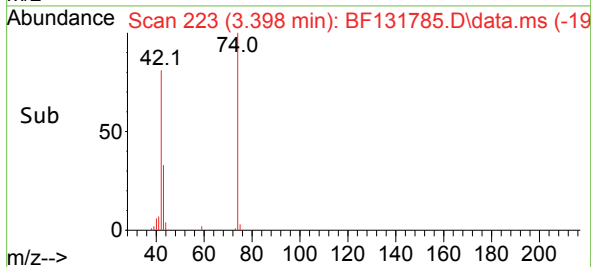
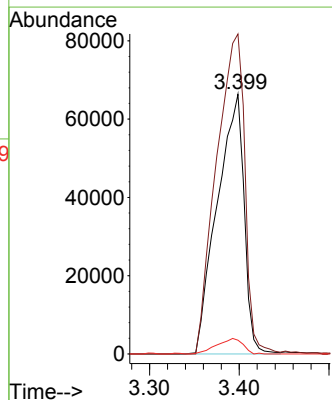
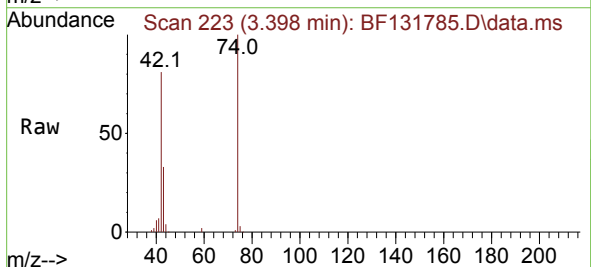
Instrument :  
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ClientSampleId :  
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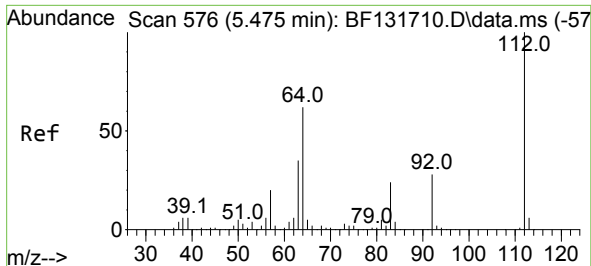
Tgt Ion: 79 Resp: 272458  
Ion Ratio Lower Upper  
79 100  
52 67.4 53.7 80.5  
51 35.5 28.6 42.8



#4  
n-Nitrosodimethylamine  
Concen: 49.142 ng  
RT: 3.398 min Scan# 223  
Delta R.T. 0.094 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion: 42 Resp: 137880  
Ion Ratio Lower Upper  
42 100  
74 123.2 107.8 161.8  
44 5.3 5.5 8.3

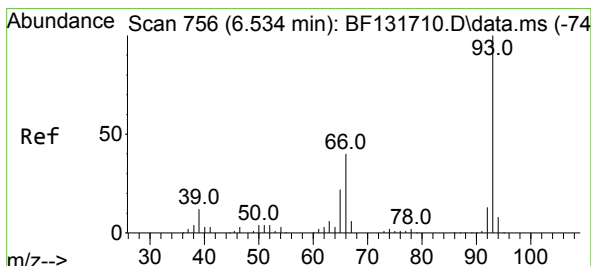
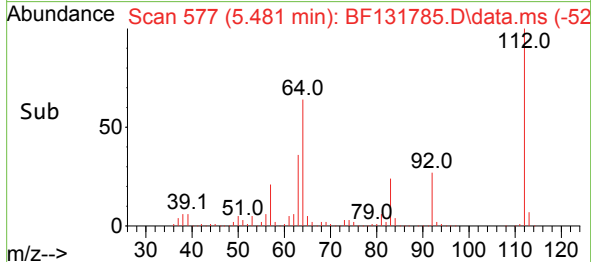
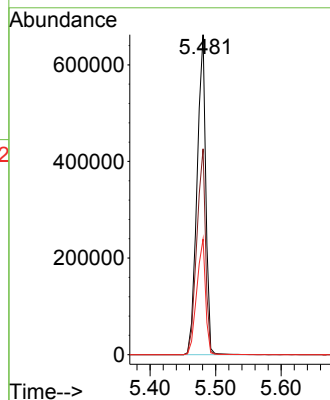
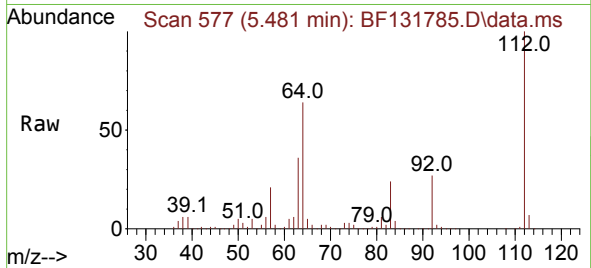




#5  
2-Fluorophenol  
Concen: 132.160 ng  
RT: 5.481 min Scan# 51  
Delta R.T. 0.023 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

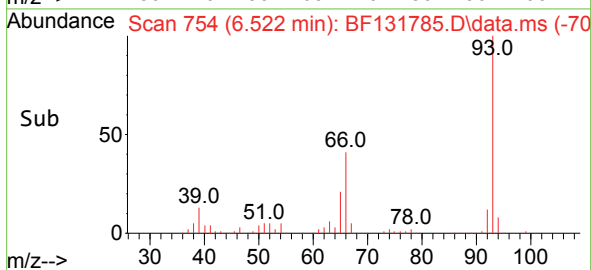
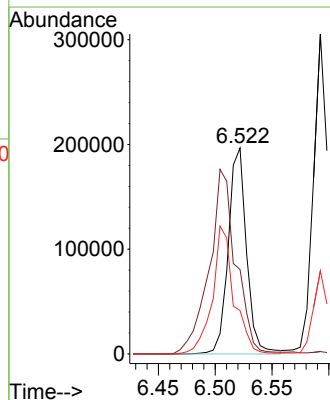
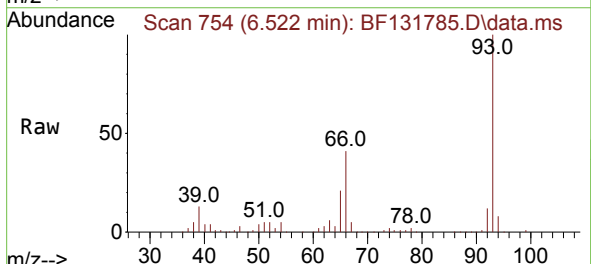
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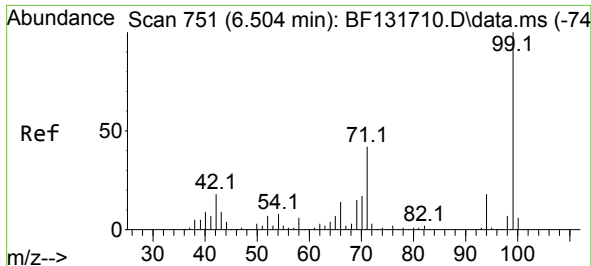
Tgt Ion:112 Resp: 615081  
Ion Ratio Lower Upper  
112 100  
64 64.4 49.5 74.3  
63 36.1 28.2 42.2



#6  
Aniline  
Concen: 28.411 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion: 93 Resp: 219716  
Ion Ratio Lower Upper  
93 100  
66 41.1 32.8 49.2  
65 21.0 17.4 26.2

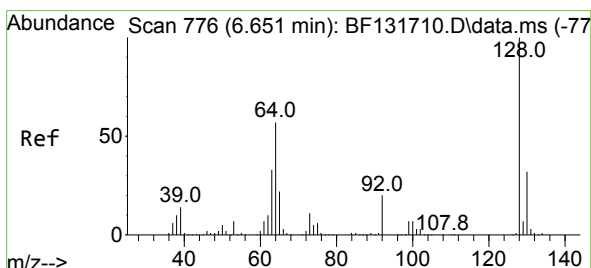
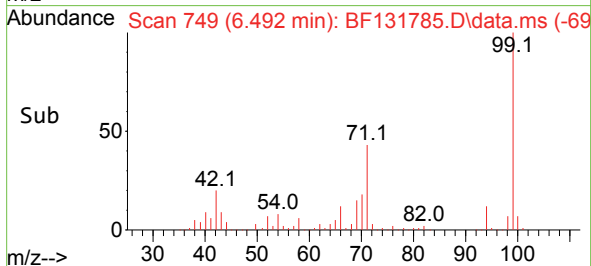
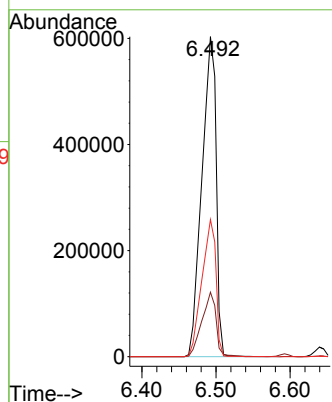
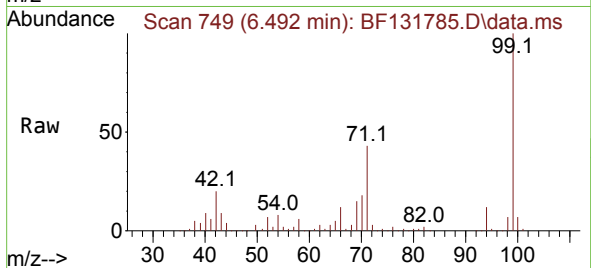




#7  
Phenol-d6  
Concen: 128.742 ng  
RT: 6.492 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

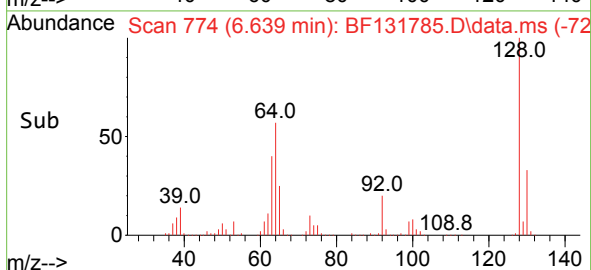
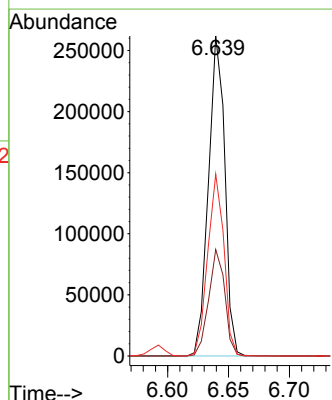
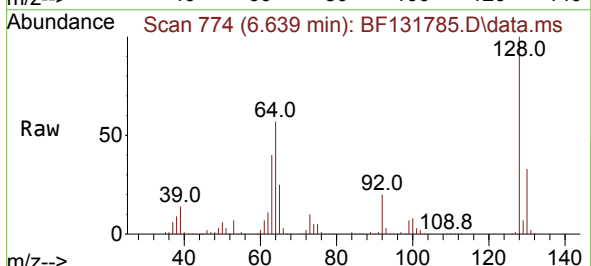
Instrument :  
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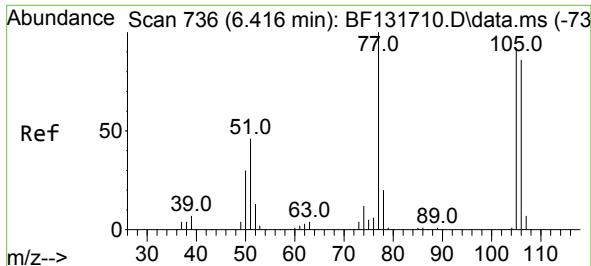
Tgt Ion: 99 Resp: 806466  
Ion Ratio Lower Upper  
99 100  
42 20.2 14.8 22.2  
71 42.9 33.8 50.6



#8  
2-Chlorophenol  
Concen: 48.975 ng  
RT: 6.639 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
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Tgt Ion:128 Resp: 244817  
Ion Ratio Lower Upper  
128 100  
130 33.2 12.0 52.0  
64 56.8 37.7 77.7

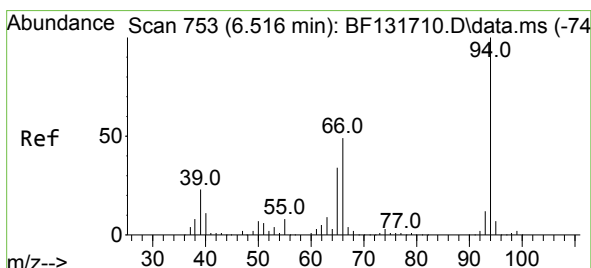
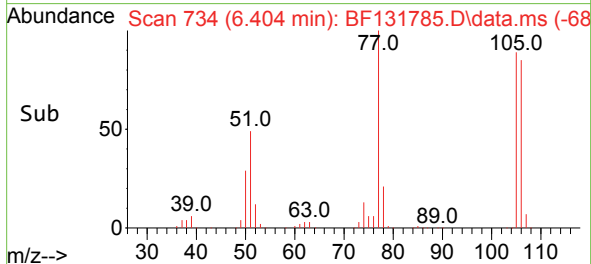
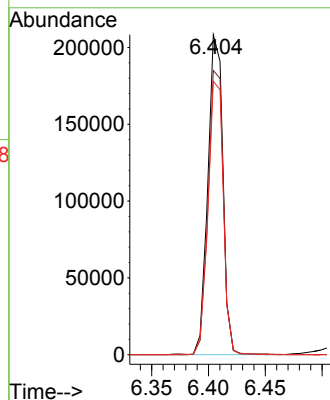
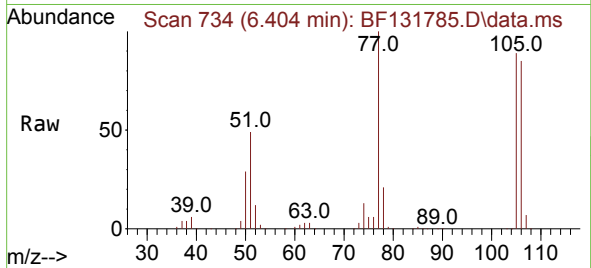




#9  
Benzaldehyde  
Concen: 53.734 ng  
RT: 6.404 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

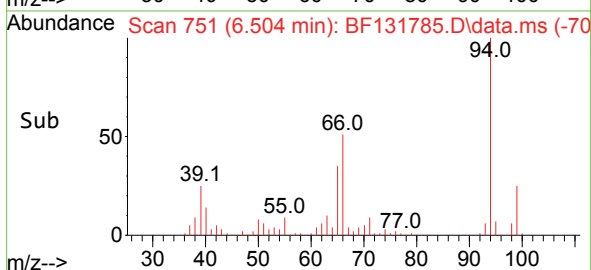
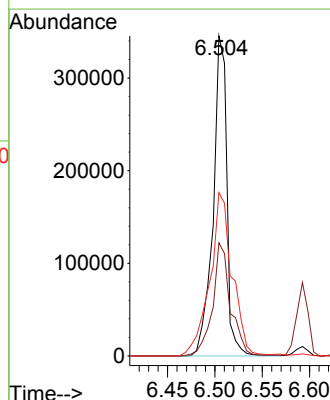
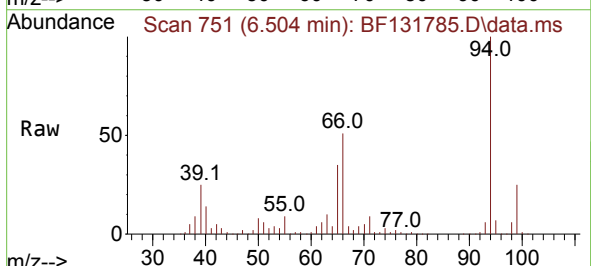
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

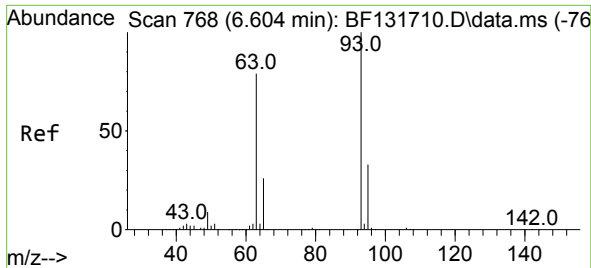
Tgt Ion: 77 Resp: 190898  
Ion Ratio Lower Upper  
77 100  
105 88.8 72.4 112.4  
106 85.5 66.5 106.5



#10  
Phenol  
Concen: 46.497 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion: 94 Resp: 347758  
Ion Ratio Lower Upper  
94 100  
65 35.3 14.0 54.0  
66 51.0 28.8 68.8

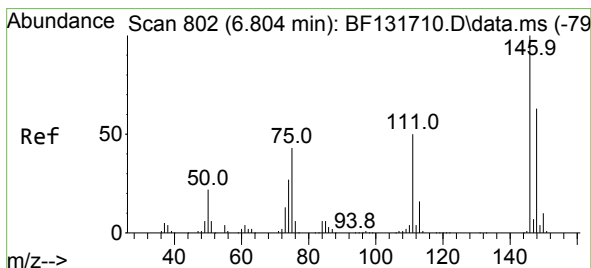
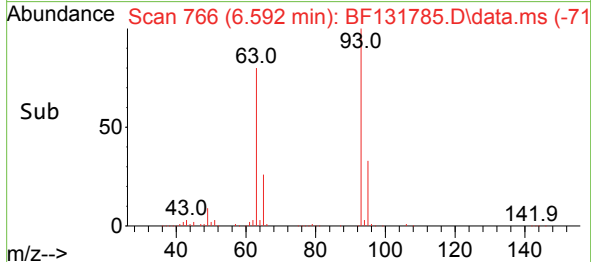
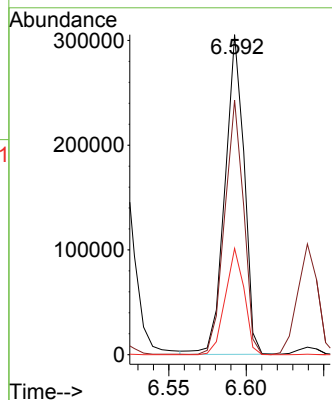
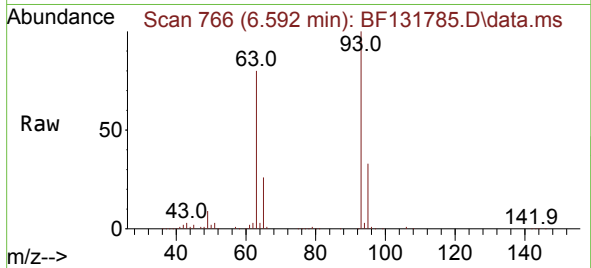




#11  
bis(2-Chloroethyl)ether  
Concen: 49.100 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

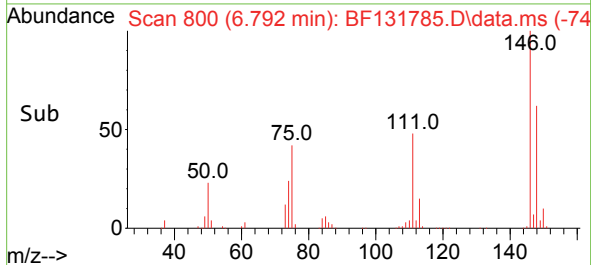
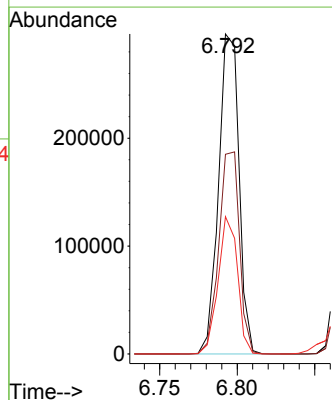
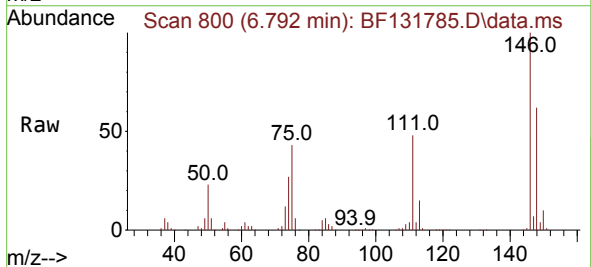
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

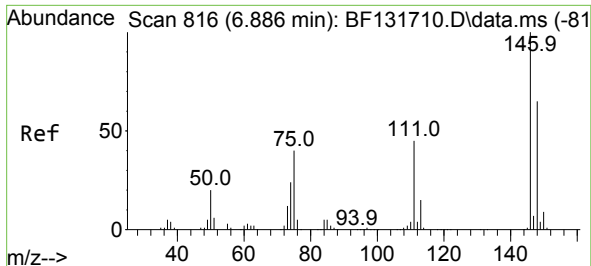
Tgt Ion: 93 Resp: 262786  
Ion Ratio Lower Upper  
93 100  
63 79.5 59.0 99.0  
95 33.2 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 48.194 ng  
RT: 6.792 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion: 146 Resp: 272325  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.6 76.0  
75 42.9 34.3 51.5

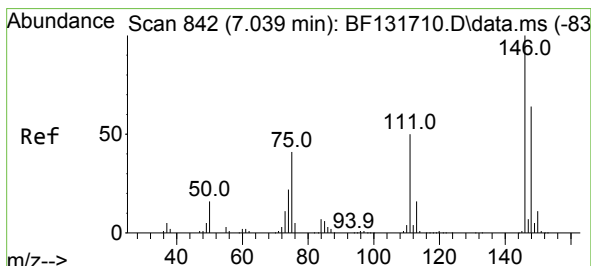
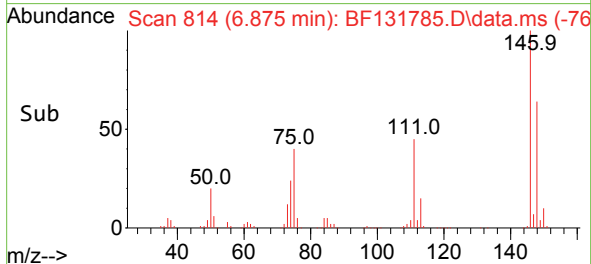
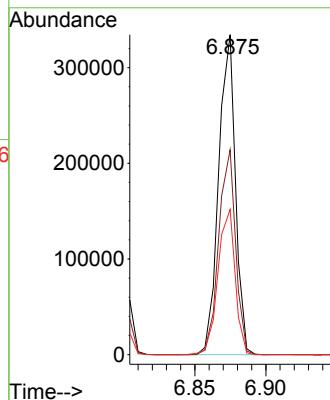
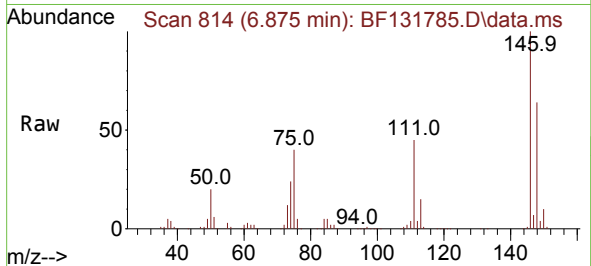




#13  
1,4-Dichlorobenzene  
Concen: 47.469 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

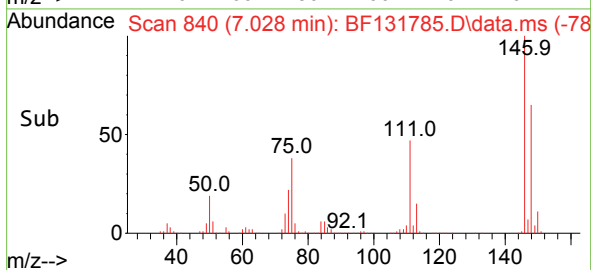
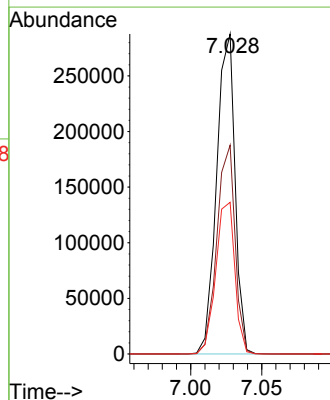
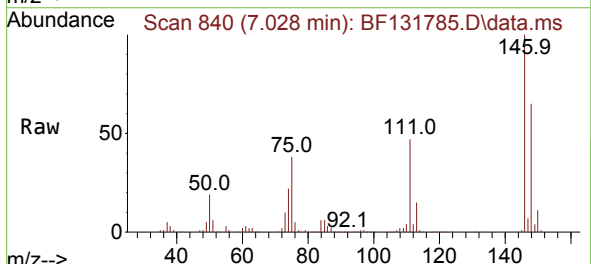
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

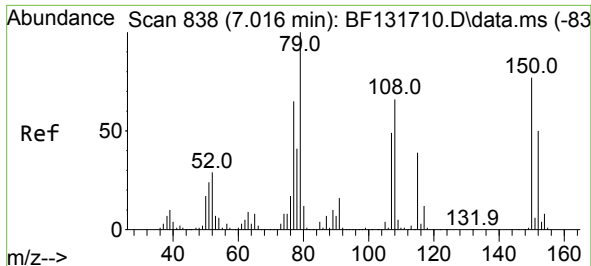
Tgt Ion:146 Resp: 274180  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.2 78.4  
111 45.4 36.4 54.6



#14  
1,2-Dichlorobenzene  
Concen: 47.872 ng  
RT: 7.028 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:146 Resp: 258888  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.4 77.0  
111 47.4 39.8 59.6





#15

Benzyl Alcohol

Concen: 48.437 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

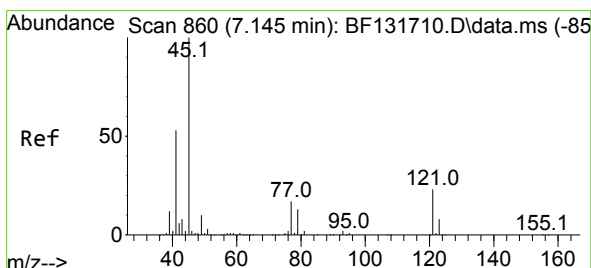
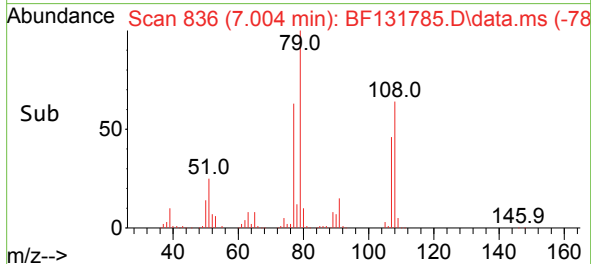
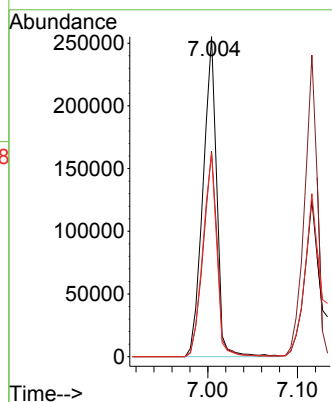
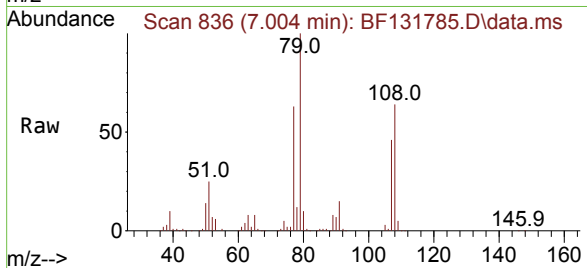
Tgt Ion: 79 Resp: 271010

Ion Ratio Lower Upper

79 100

108 64.2 52.6 78.8

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.834 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

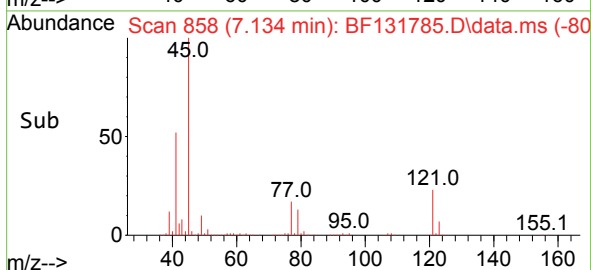
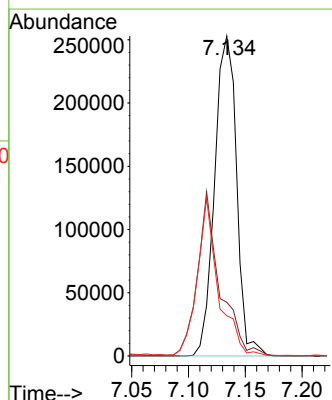
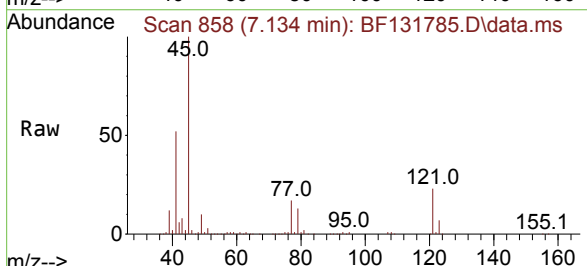
Tgt Ion: 45 Resp: 340087

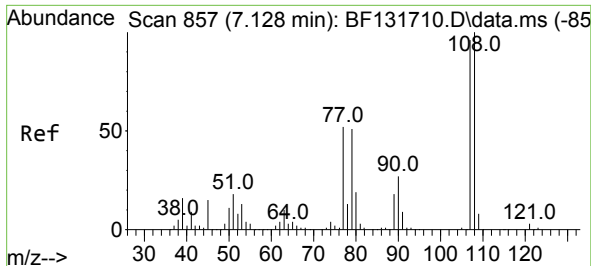
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.8

79 12.5 0.0 33.1

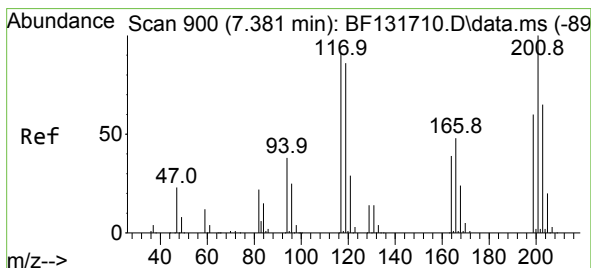
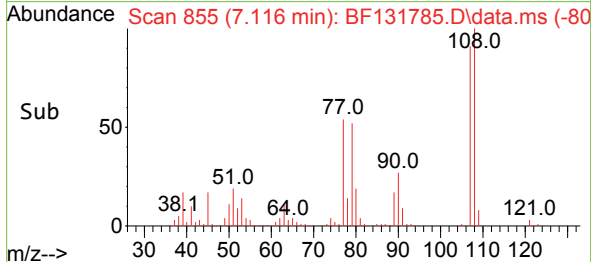
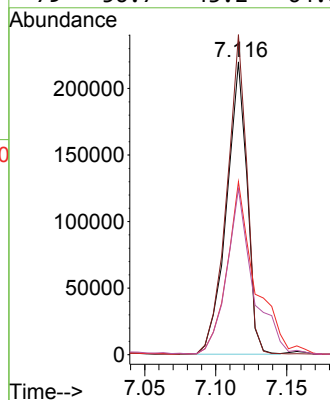
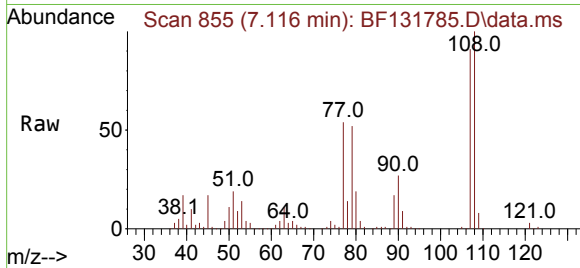




#17  
2-Methylphenol  
Concen: 46.789 ng  
RT: 7.116 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

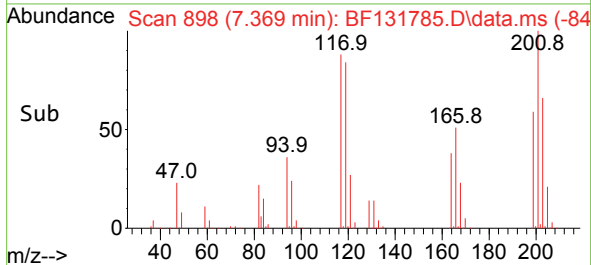
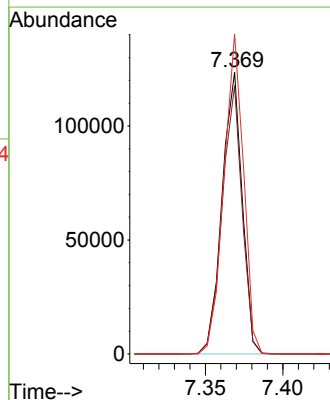
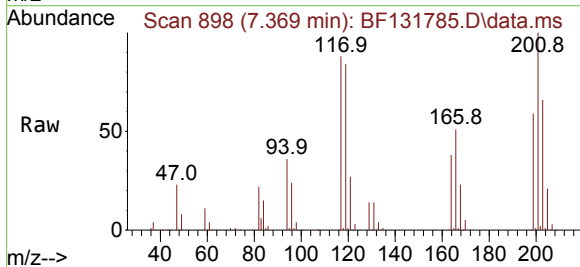
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

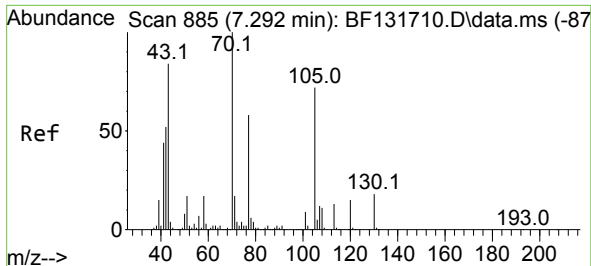
Tgt Ion:107 Resp: 220799  
Ion Ratio Lower Upper  
107 100  
108 109.3 83.8 125.6  
77 59.1 43.8 65.8  
79 56.7 43.2 64.8



#18  
Hexachloroethane  
Concen: 48.670 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:117 Resp: 111436  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.8 113.8  
201 113.5 88.2 132.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.366 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF131785.D

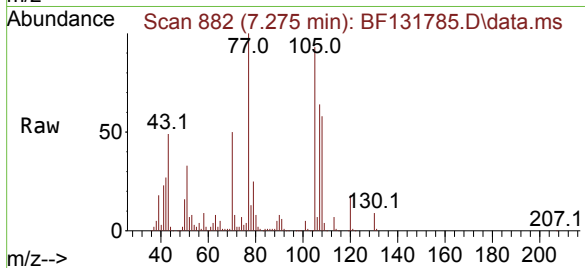
Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD



Tgt Ion: 70 Resp: 213990

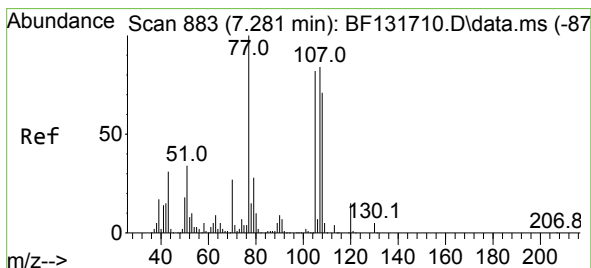
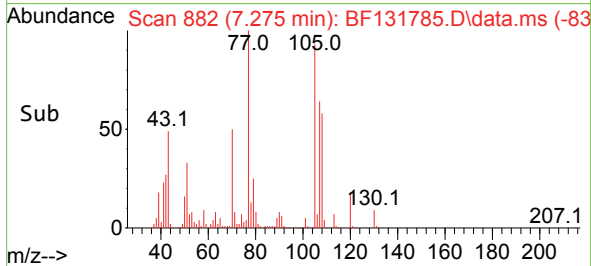
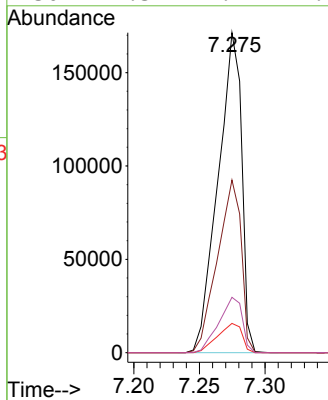
Ion Ratio Lower Upper

70 100

42 54.0 41.5 62.3

101 9.2 7.3 10.9

130 17.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 46.219 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Tgt Ion: 107 Resp: 280713

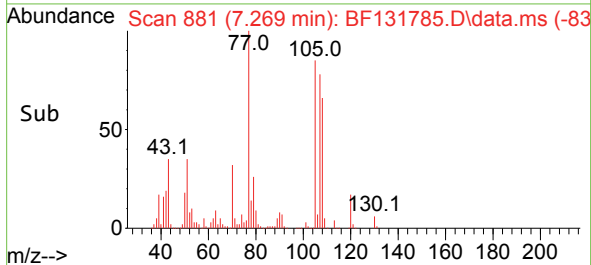
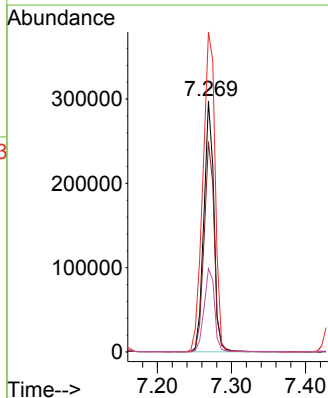
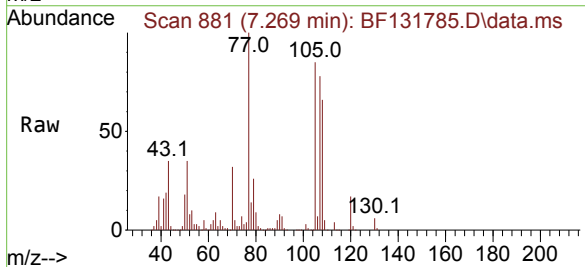
Ion Ratio Lower Upper

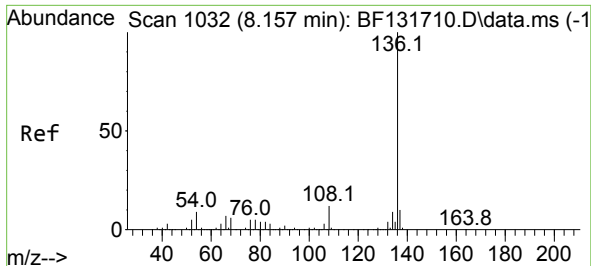
107 100

108 83.8 65.2 105.2

77 127.6 99.6 139.6

79 33.3 13.5 53.5

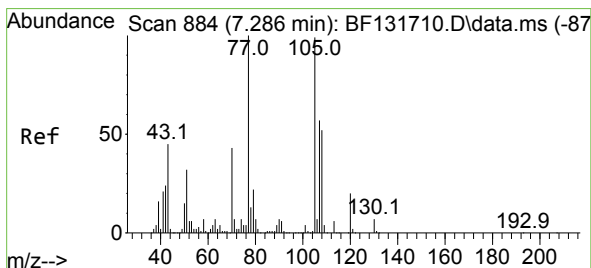
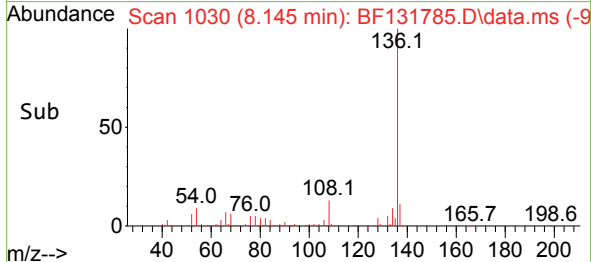
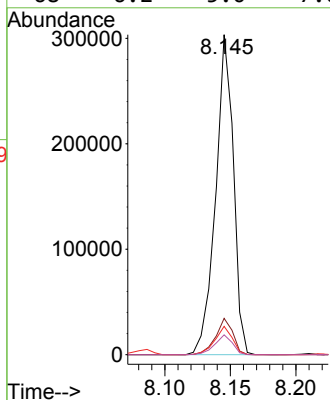
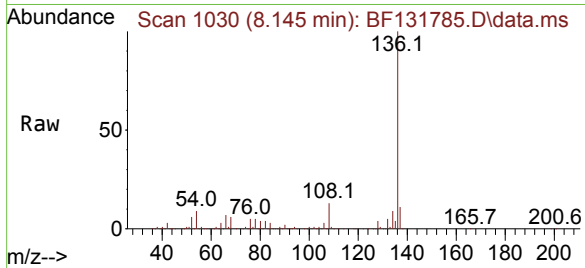




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

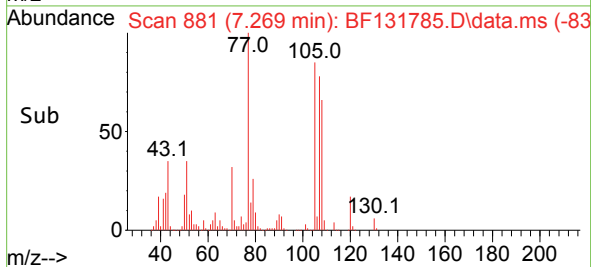
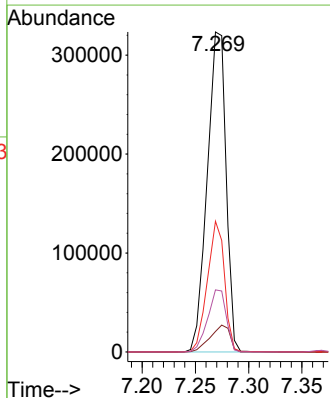
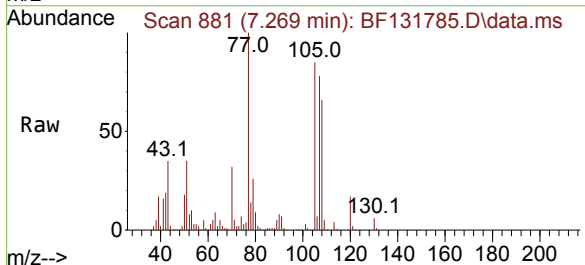
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

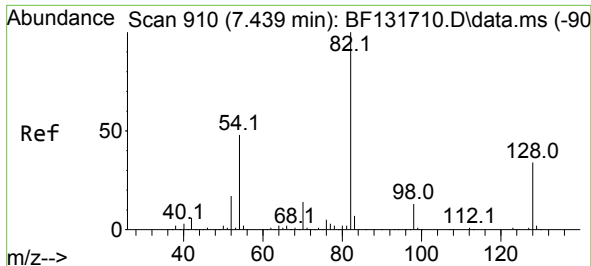
Tgt Ion:136 Resp: 285061  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.4 12.6  
54 8.8 7.2 10.8  
68 6.2 5.0 7.6



#22  
Acetophenone  
Concen: 47.963 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:105 Resp: 398994  
Ion Ratio Lower Upper  
105 100  
71 6.4 5.5 8.3  
51 40.8 25.5 38.3#  
120 19.4 15.9 23.9





#23

Nitrobenzene-d5

Concen: 80.825 ng

RT: 7.428 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

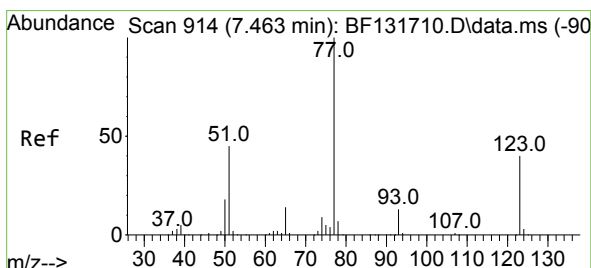
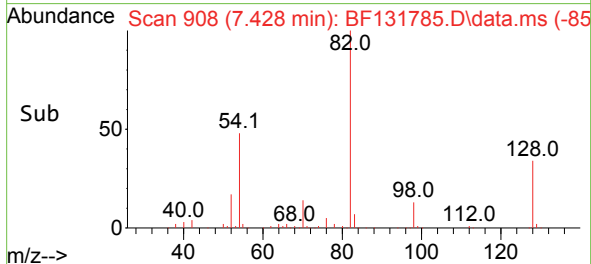
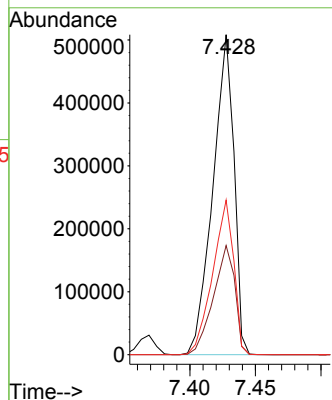
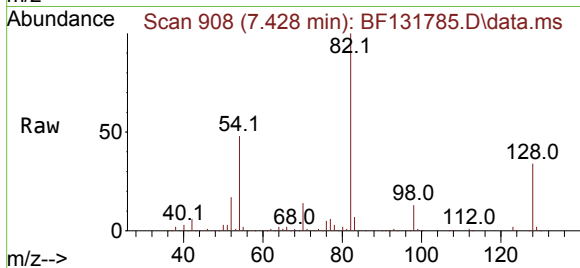
Tgt Ion: 82 Resp: 567542

Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 48.3 38.2 57.2



#24

Nitrobenzene

Concen: 46.194 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

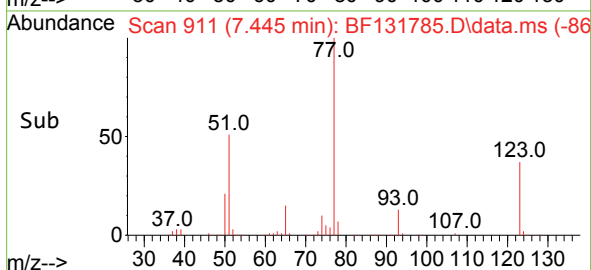
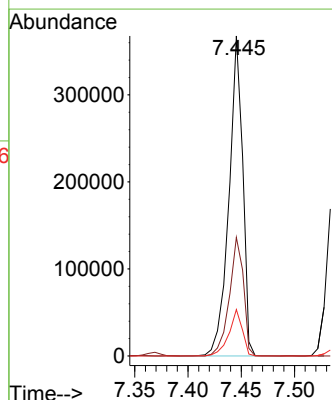
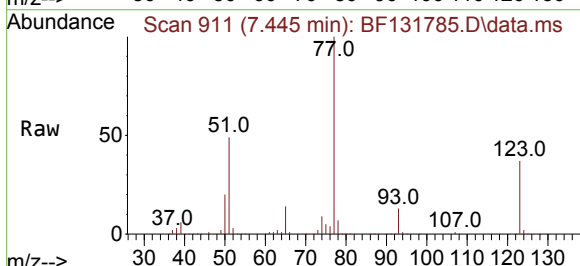
Tgt Ion: 77 Resp: 329756

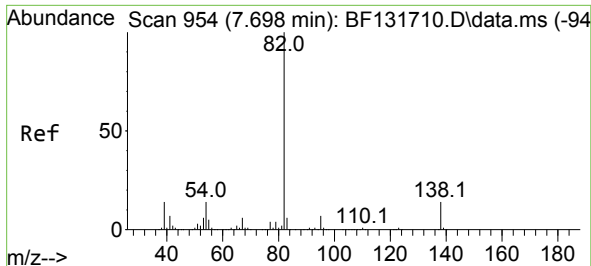
Ion Ratio Lower Upper

77 100

123 37.1 31.8 47.6

65 14.5 10.9 16.3

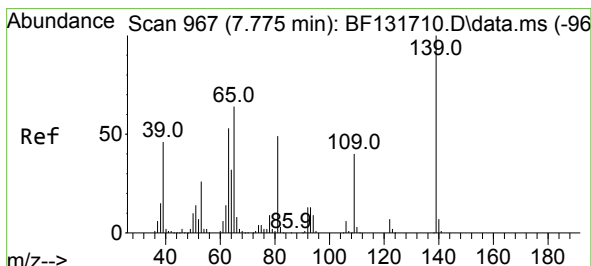
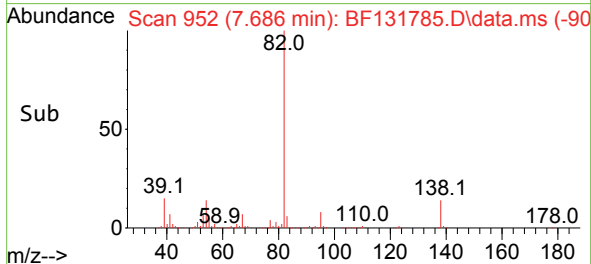
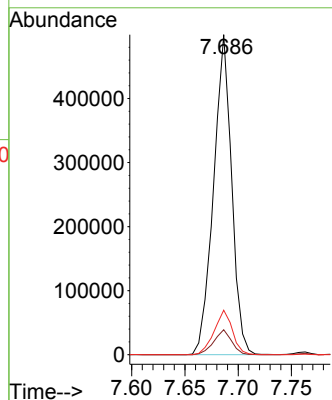
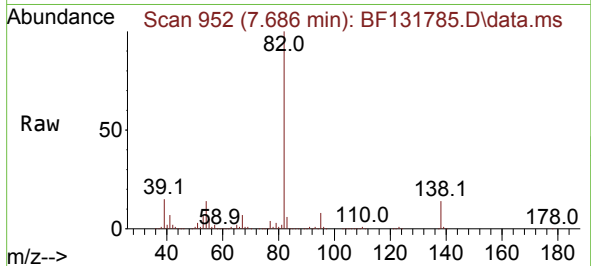




#25  
Isophorone  
Concen: 49.383 ng  
RT: 7.686 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

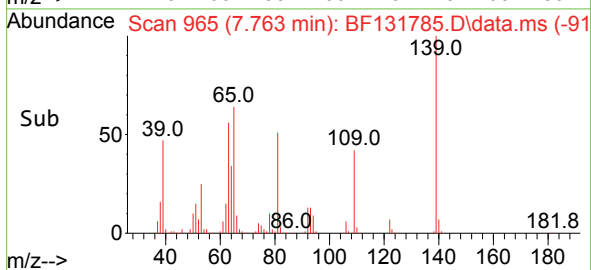
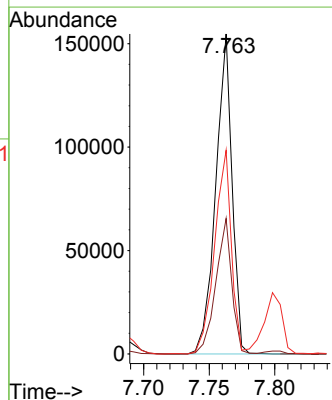
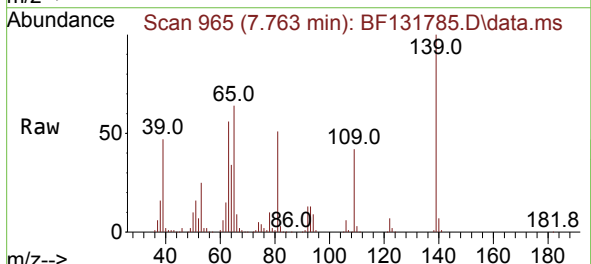
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

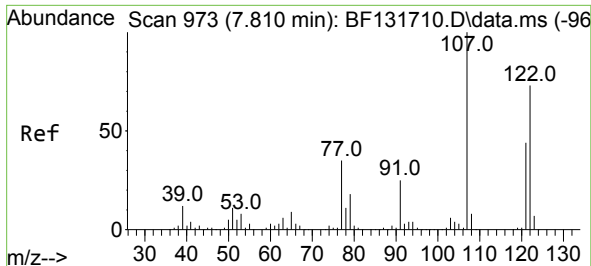
Tgt Ion: 82 Resp: 588884  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.8 8.6  
138 13.9 11.6 17.4



#26  
2-Nitrophenol  
Concen: 48.002 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:139 Resp: 133918  
Ion Ratio Lower Upper  
139 100  
109 42.3 31.8 47.6  
65 63.7 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 56.085 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

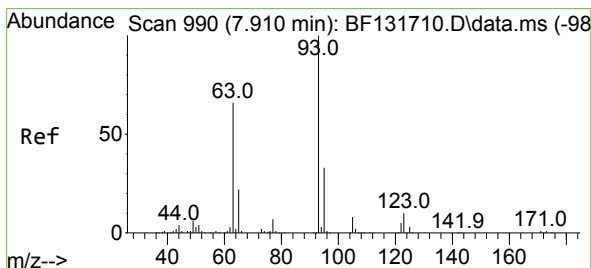
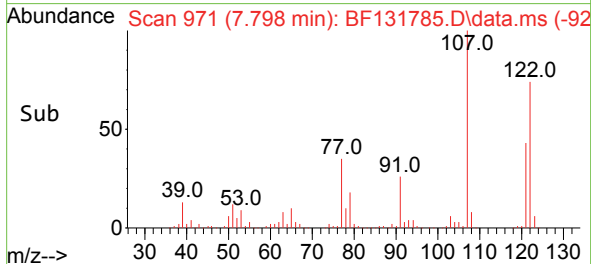
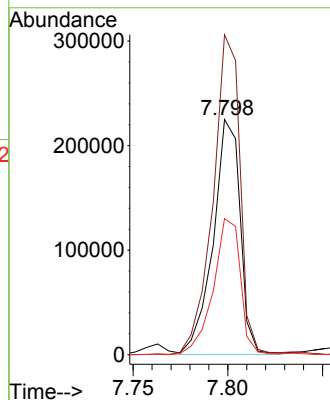
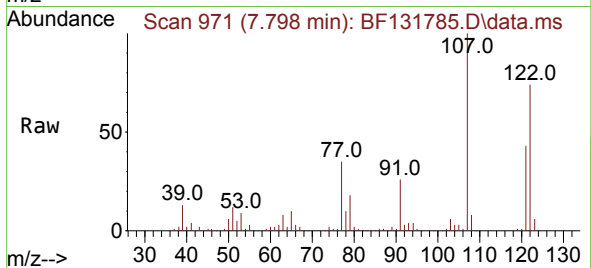
Tgt Ion:122 Resp: 222854

Ion Ratio Lower Upper

122 100

107 136.0 110.1 165.1

121 57.9 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 52.092 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

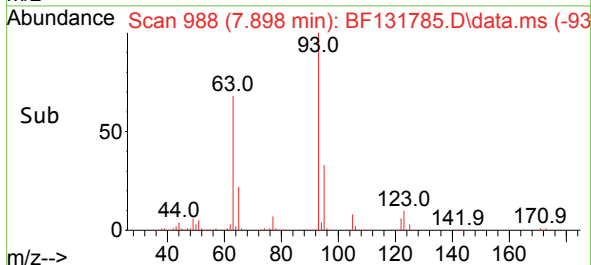
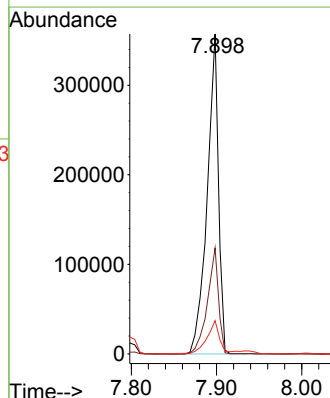
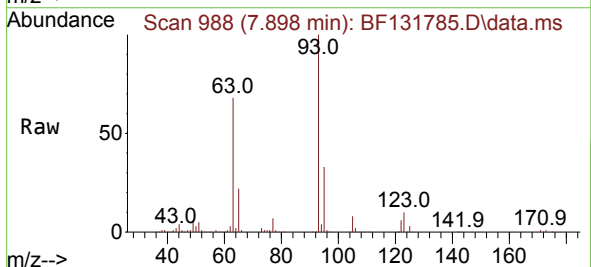
Tgt Ion: 93 Resp: 329869

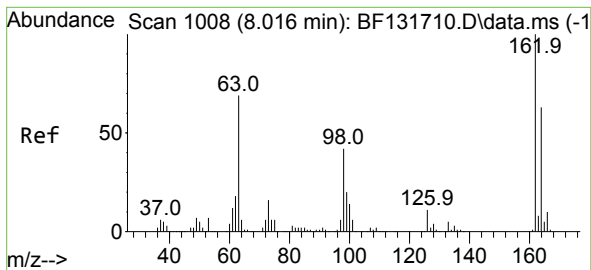
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 10.4 8.2 12.2

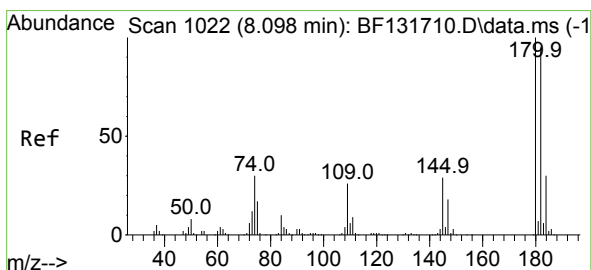
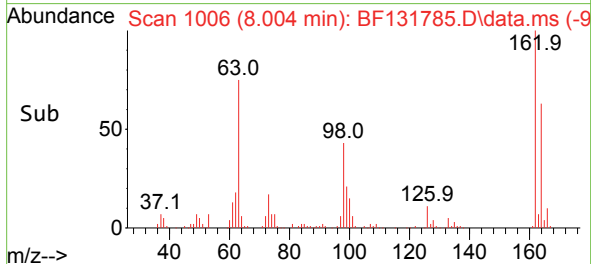
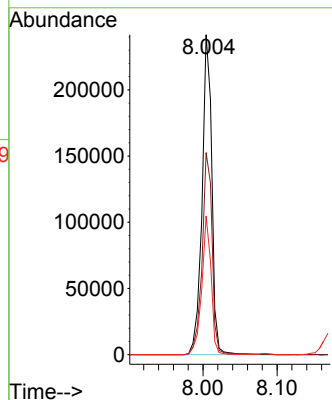
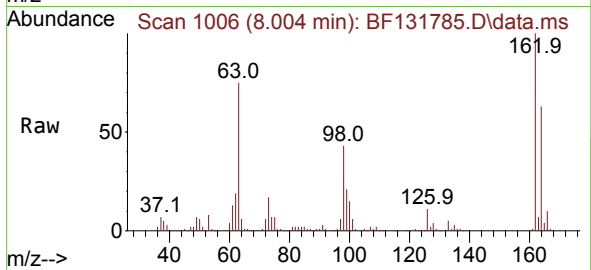




#29  
2,4-Dichlorophenol  
Concen: 46.031 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

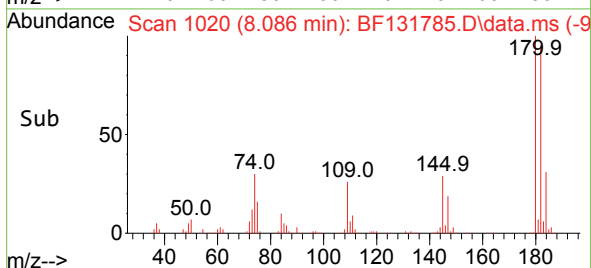
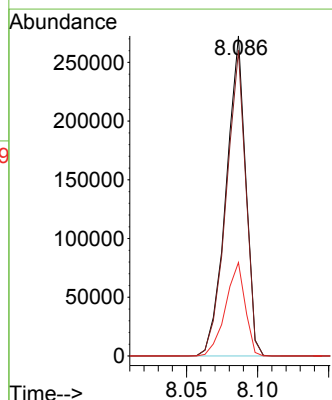
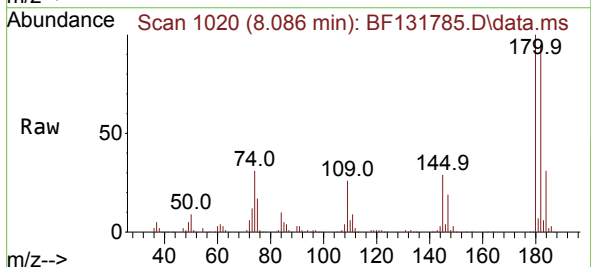
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BNA\_F  
ClientSampleId :  
COMP-1MSD

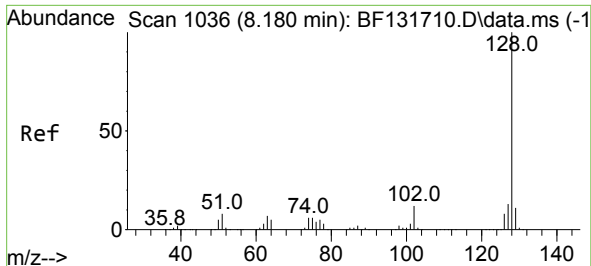
Tgt Ion:162 Resp: 220806  
Ion Ratio Lower Upper  
162 100  
164 63.2 42.9 82.9  
98 43.3 21.9 61.9



#30  
1,2,4-Trichlorobenzene  
Concen: 46.259 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:180 Resp: 260866  
Ion Ratio Lower Upper  
180 100  
182 95.5 76.1 114.1  
145 29.2 23.4 35.0

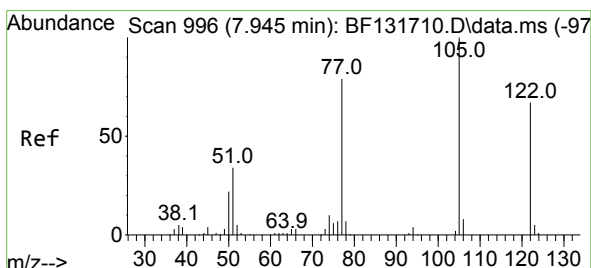
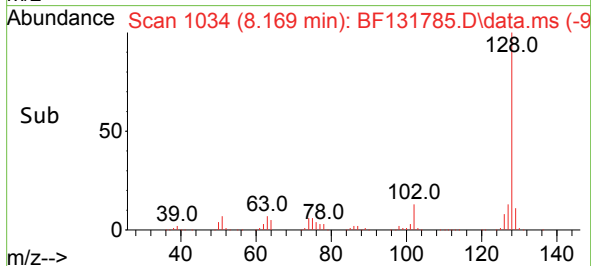
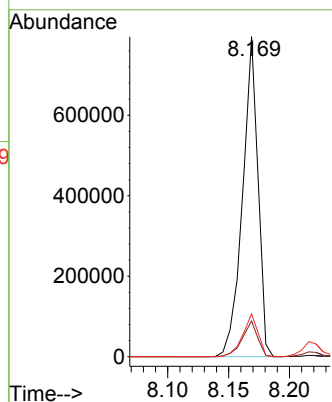
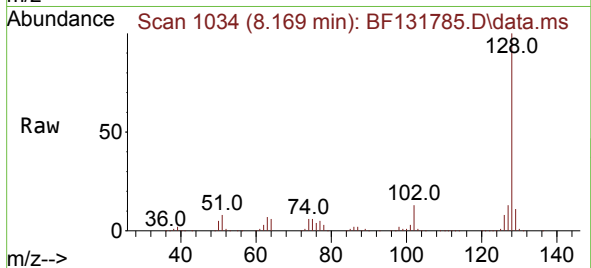




#31  
Naphthalene  
Concen: 45.088 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

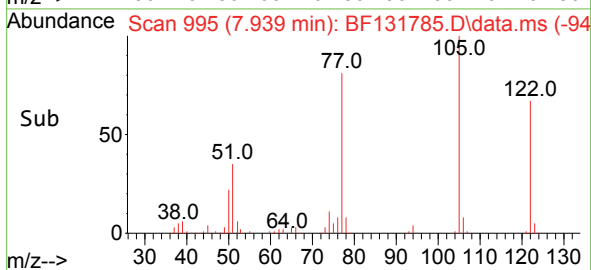
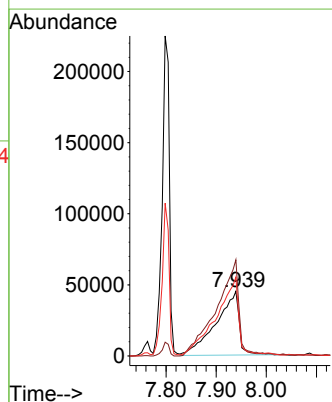
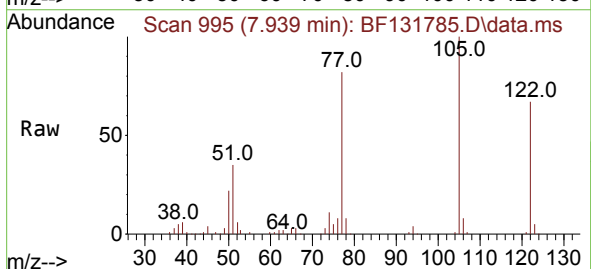
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

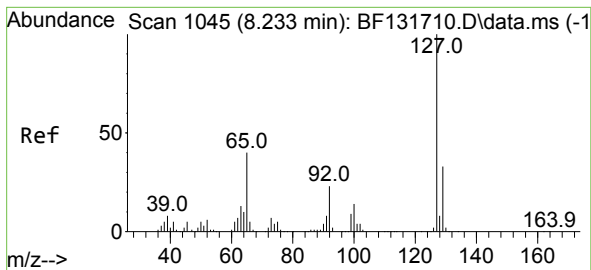
Tgt Ion:128 Resp: 701929  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.4 10.6 15.8



#32  
Benzoic acid  
Concen: 45.534 ng  
RT: 7.939 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

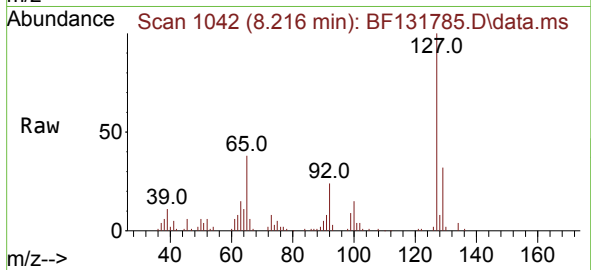
Tgt Ion:122 Resp: 144830  
Ion Ratio Lower Upper  
122 100  
105 148.8 125.1 165.1  
77 122.0 95.3 135.3



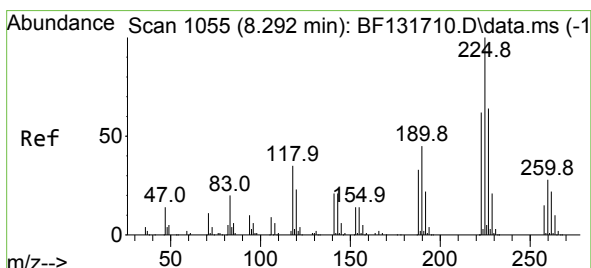
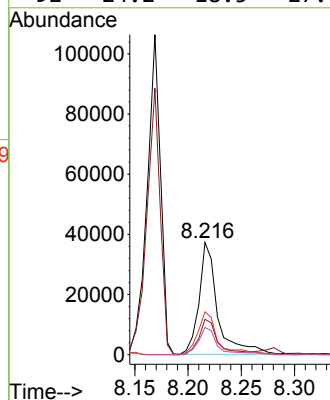
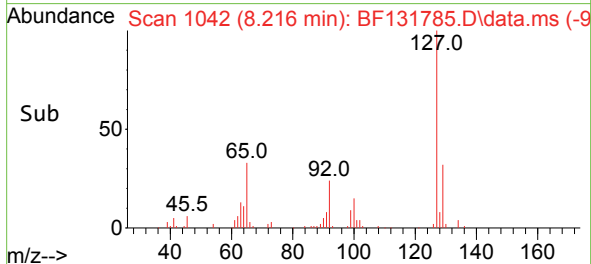


#33  
4-Chloroaniline  
Concen: 7.474 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

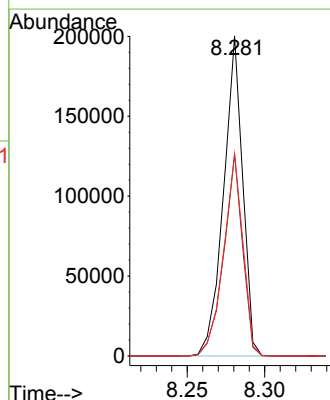
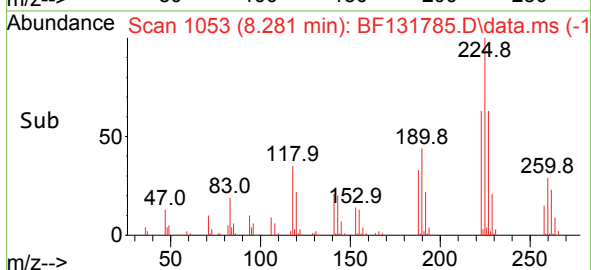
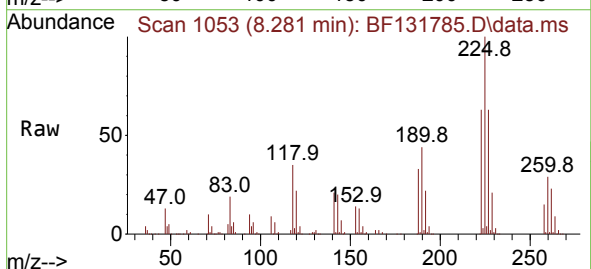


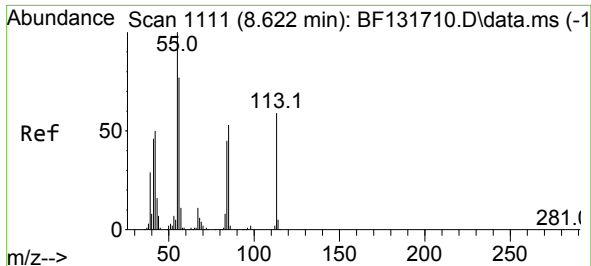
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 45376 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.6  | 26.1  | 39.1  |
| 65        | 38.2  | 31.8  | 47.6  |
| 92        | 24.2  | 18.5  | 27.7  |



#34  
Hexachlorobutadiene  
Concen: 45.189 ng  
RT: 8.281 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 171452 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.1  | 49.5  | 74.3   |
| 227       | 63.3  | 51.0  | 76.4   |

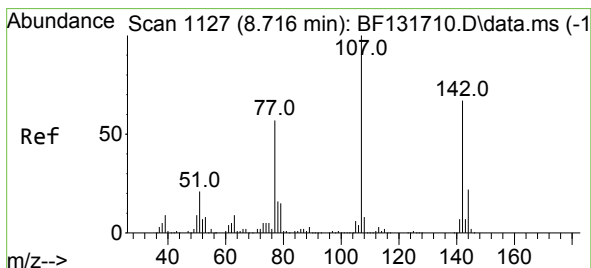
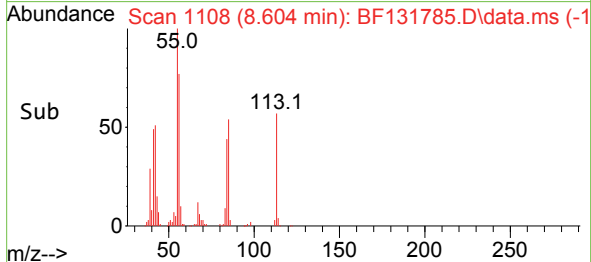
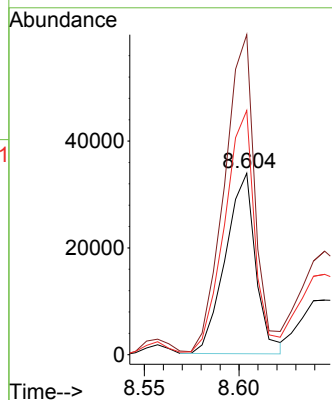
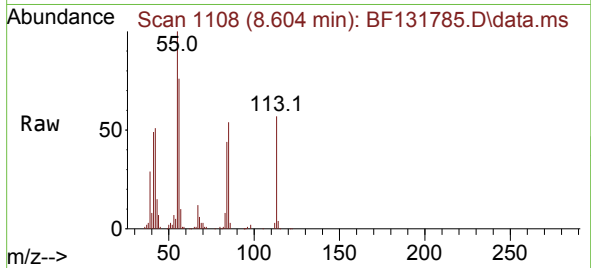




#35  
Caprolactam  
Concen: 26.042 ng  
RT: 8.604 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

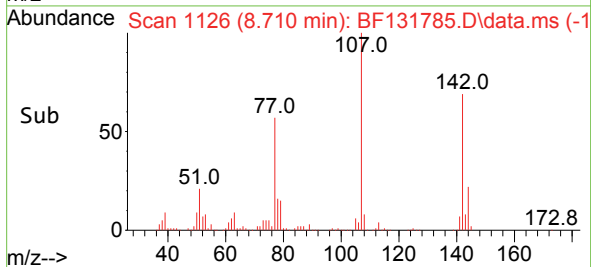
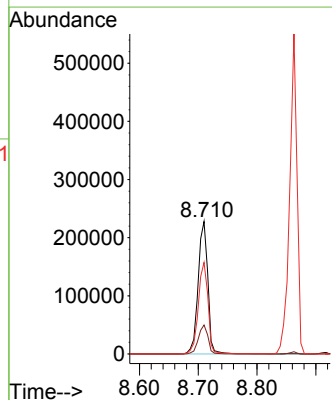
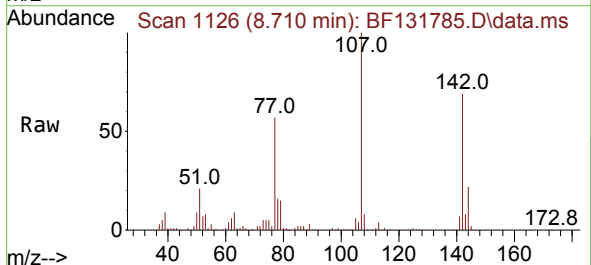
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

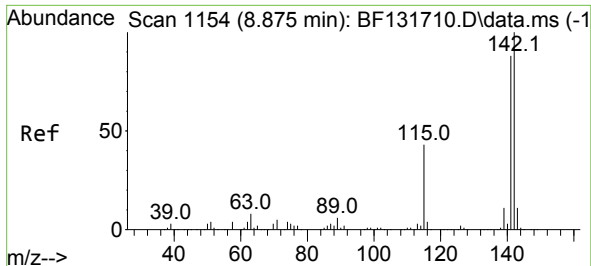
Tgt Ion:113 Resp: 37668  
Ion Ratio Lower Upper  
113 100  
55 176.4 149.0 189.0  
56 134.6 109.5 149.5



#36  
4-Chloro-3-methylphenol  
Concen: 47.731 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:107 Resp: 261554  
Ion Ratio Lower Upper  
107 100  
144 21.8 17.5 26.3  
142 69.1 53.4 80.0

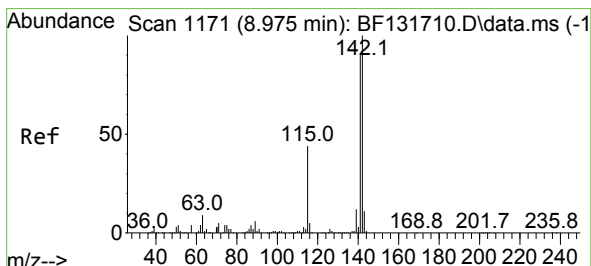
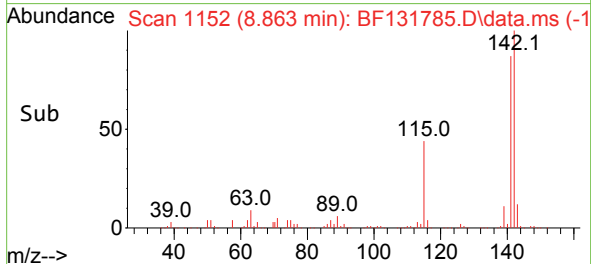
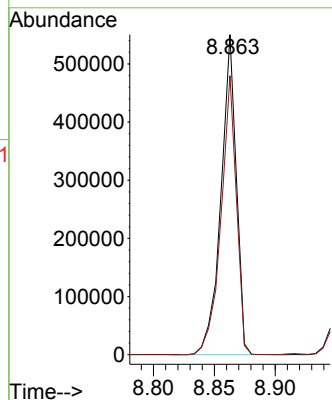
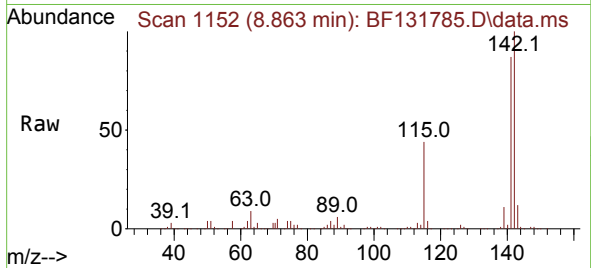




#37  
2-Methylnaphthalene  
Concen: 45.502 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

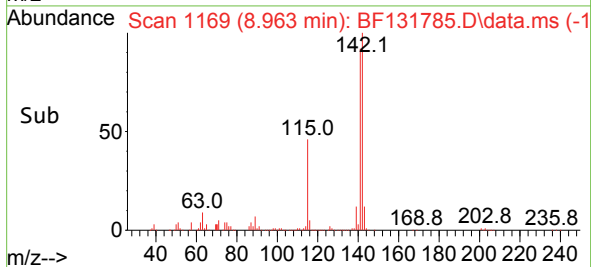
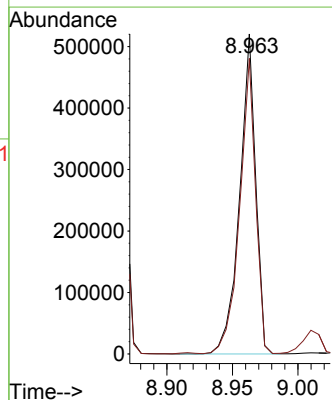
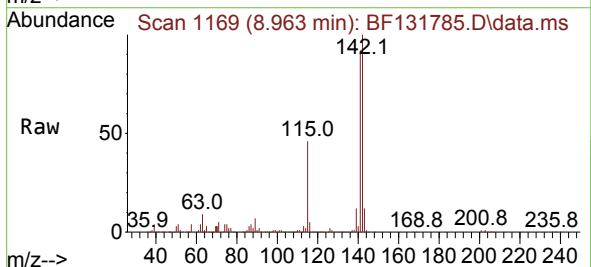
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

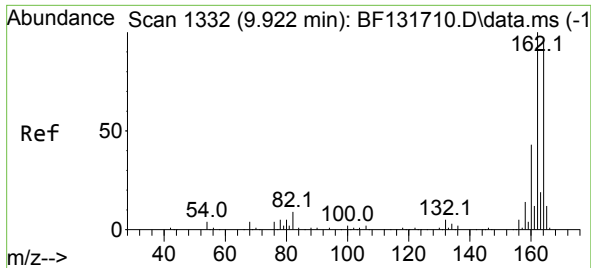
Tgt Ion:142 Resp: 483204  
Ion Ratio Lower Upper  
142 100  
141 87.2 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 43.226 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:142 Resp: 444583  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.0 109.6

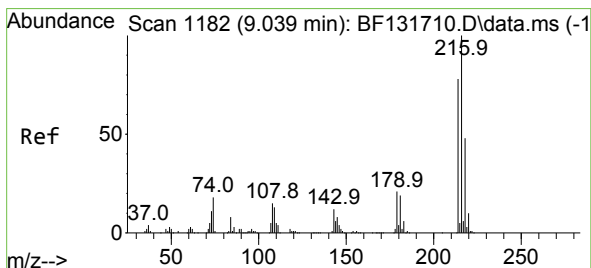
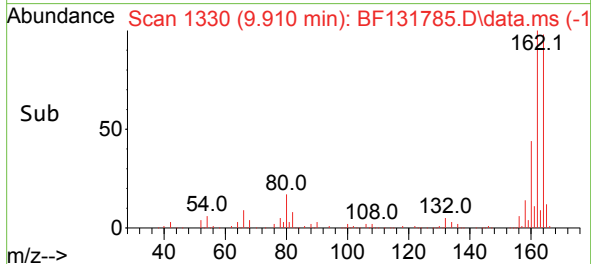
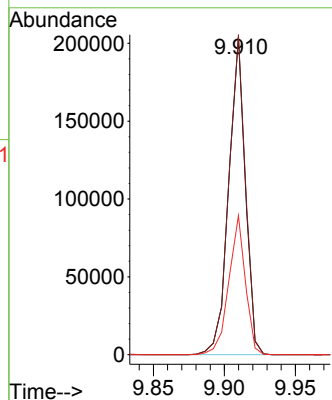
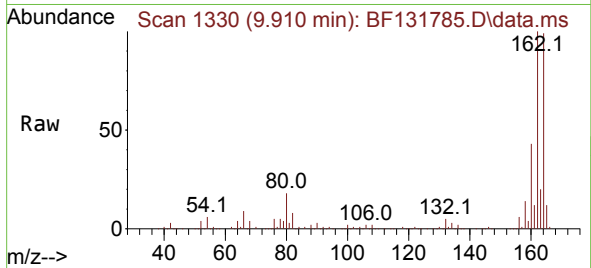




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

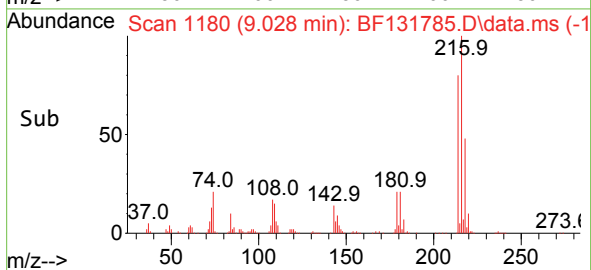
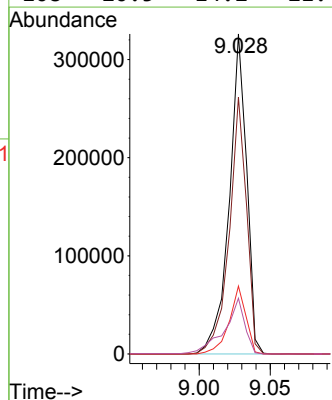
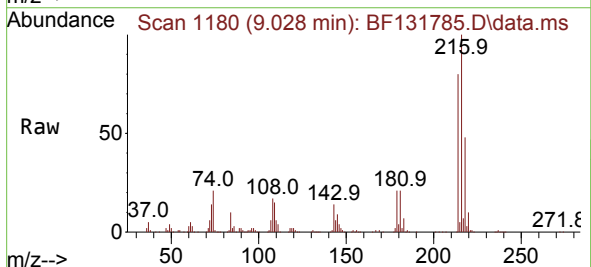
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

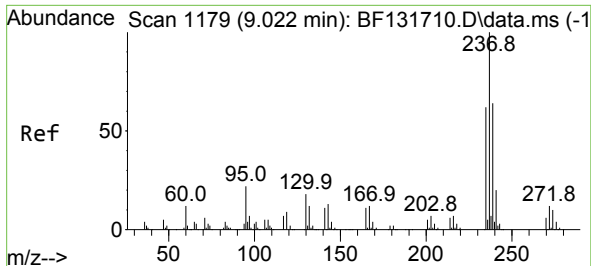
Tgt Ion:164 Resp: 166287  
Ion Ratio Lower Upper  
164 100  
162 100.7 83.7 125.5  
160 43.7 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.668 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:216 Resp: 276880  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.9 94.3  
179 20.5 16.3 24.5  
108 20.5 14.2 21.4

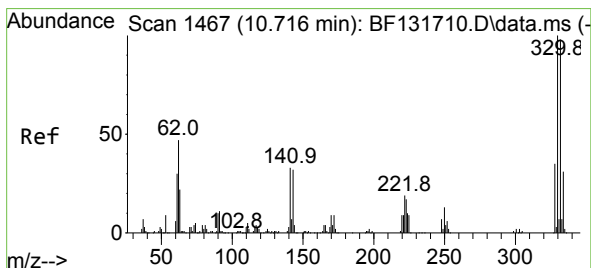
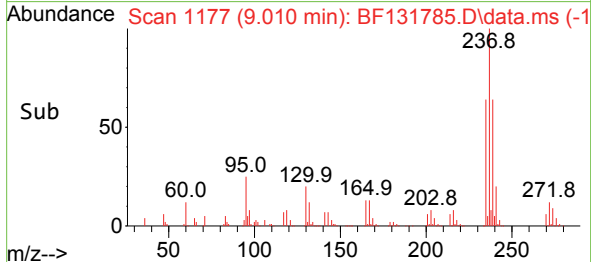
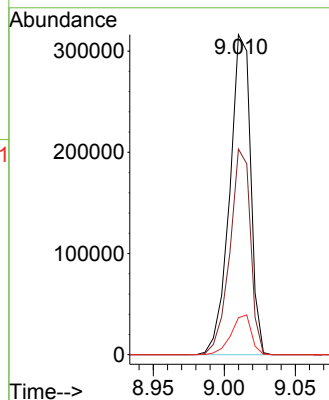
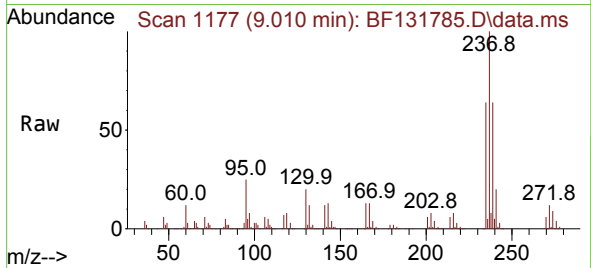




#41  
Hexachlorocyclopentadiene  
Concen: 125.632 ng  
RT: 9.010 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

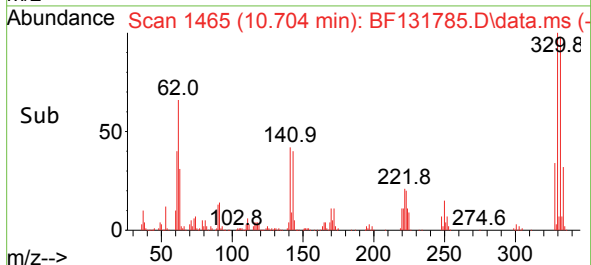
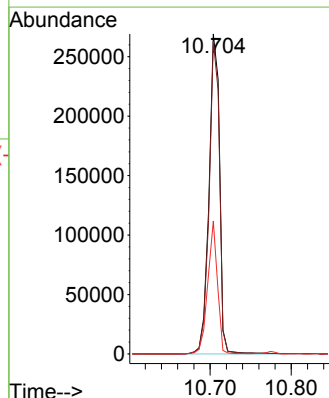
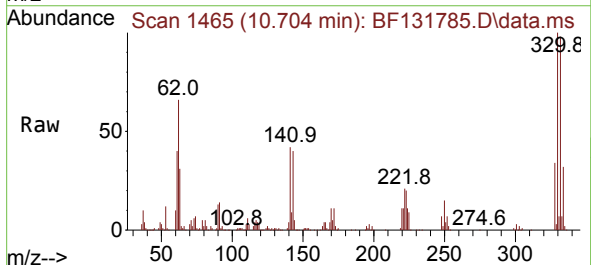
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BNA\_F  
ClientSampleId :  
COMP-1MSD

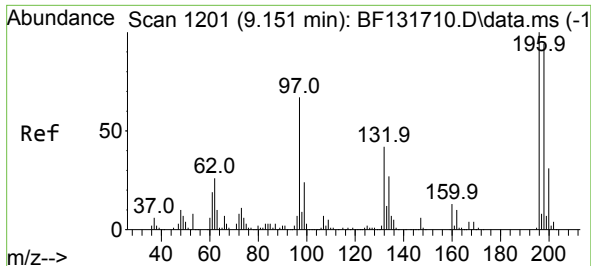
Tgt Ion:237 Resp: 323817  
Ion Ratio Lower Upper  
237 100  
235 64.2 42.2 82.2  
272 11.6 0.0 31.7



#42  
2,4,6-Tribromophenol  
Concen: 133.351 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:330 Resp: 242708  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.1 115.7  
141 38.2 30.4 45.6

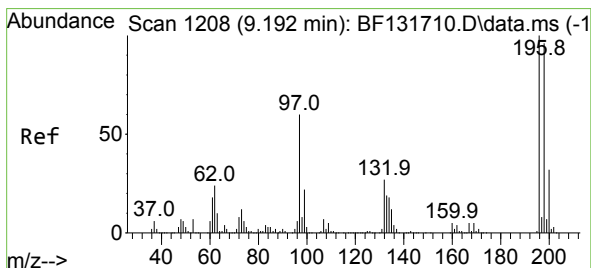
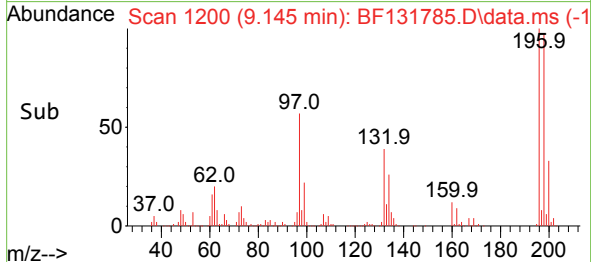
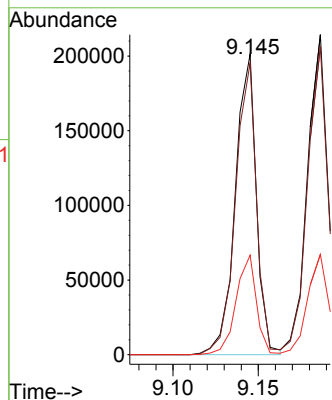
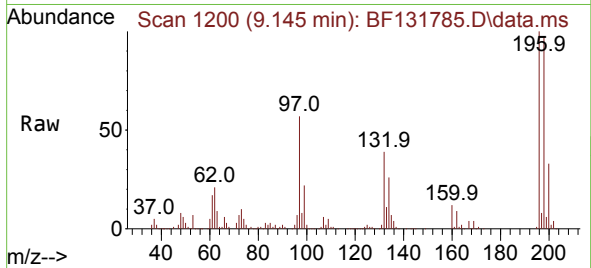




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.783 ng  
 RT: 9.145 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

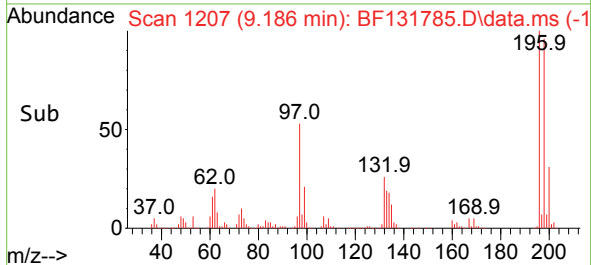
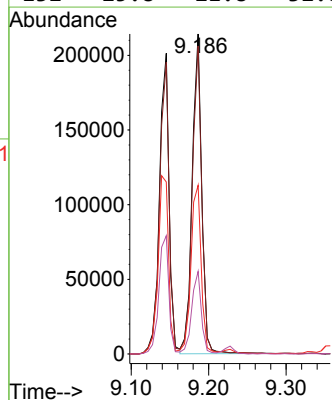
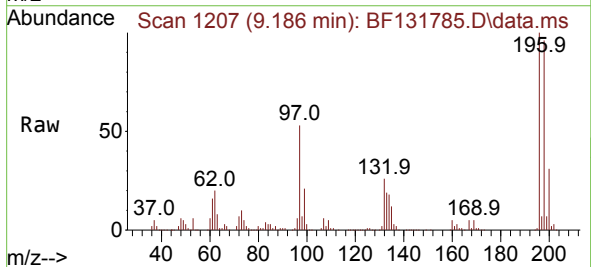
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

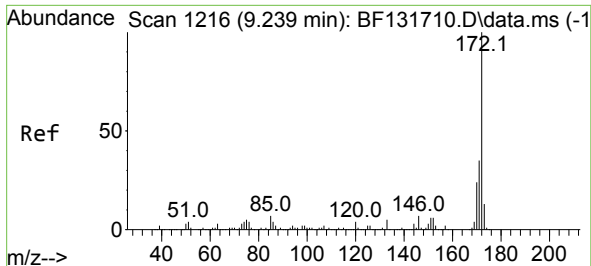
Tgt Ion:196 Resp: 173866  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 75.5 113.3  
 200 33.1 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.717 ng  
 RT: 9.186 min Scan# 1207  
 Delta R.T. 0.006 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

Tgt Ion:196 Resp: 183933  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 76.6 114.8  
 97 52.7 47.7 71.5  
 132 25.8 21.8 32.8

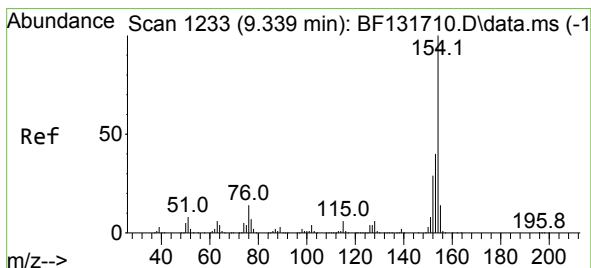
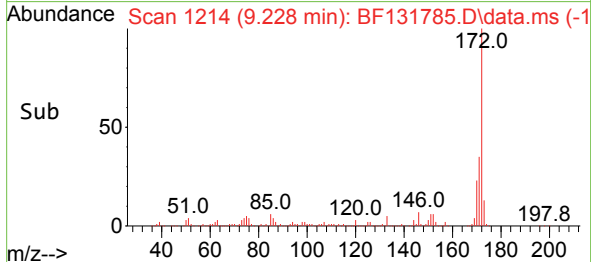
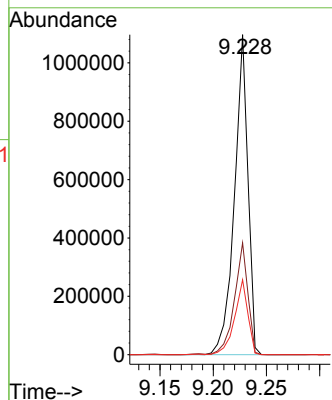
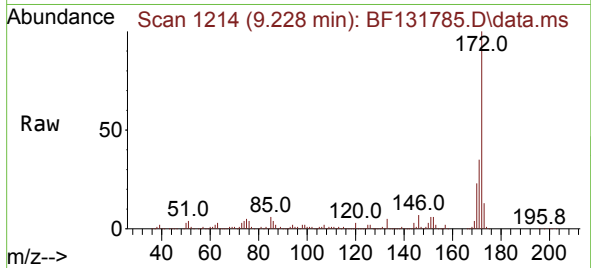




#45  
2-Fluorobiphenyl  
Concen: 81.272 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

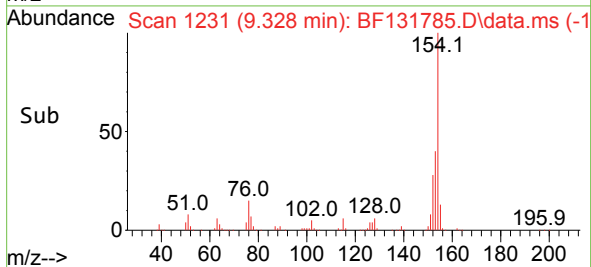
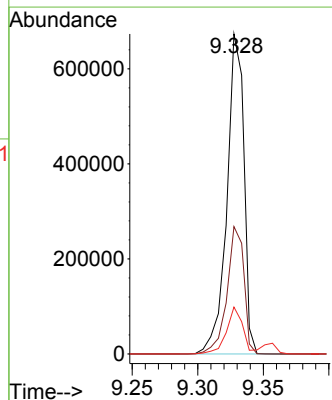
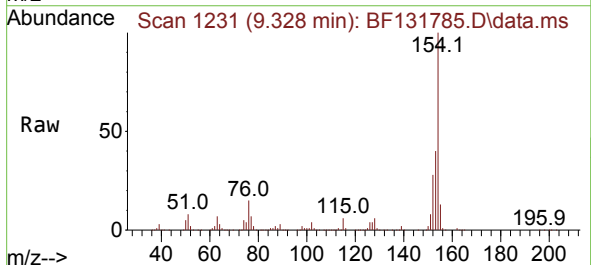
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

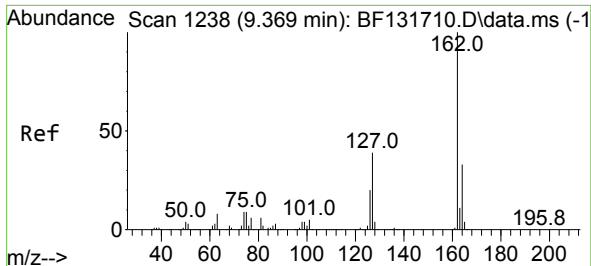
Tgt Ion:172 Resp: 964752  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 48.517 ng  
RT: 9.328 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:154 Resp: 606855  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.1 60.1  
76 14.7 0.0 33.6

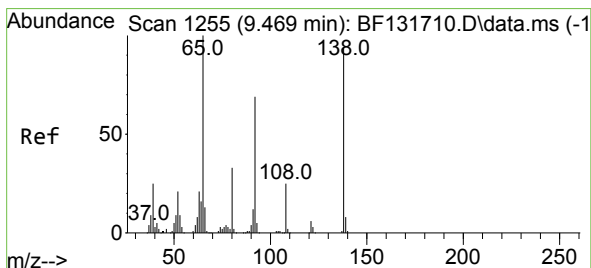
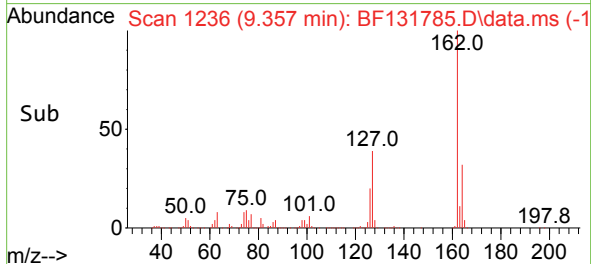
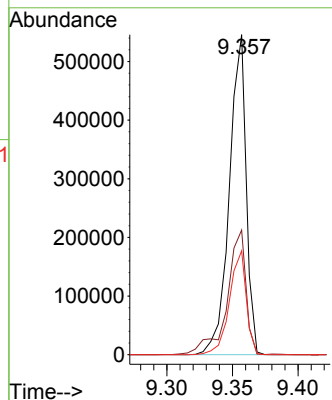
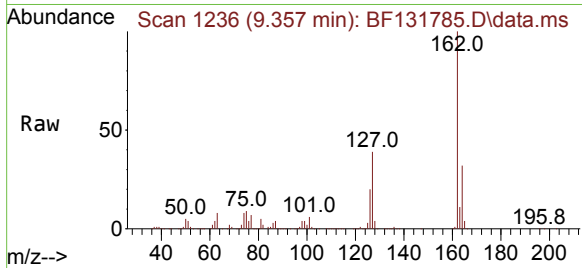




#47  
2-Chloronaphthalene  
Concen: 47.603 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

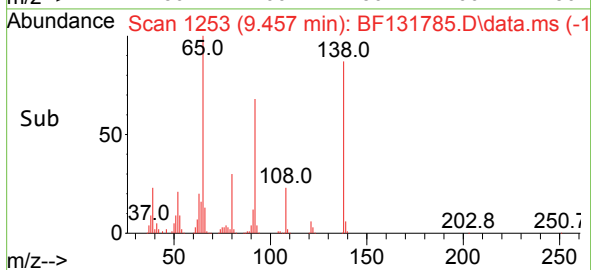
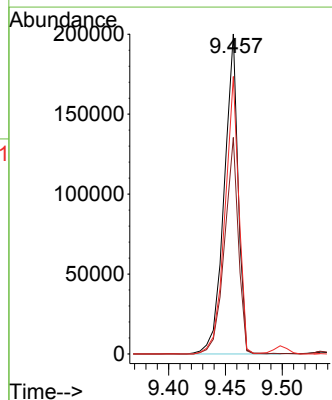
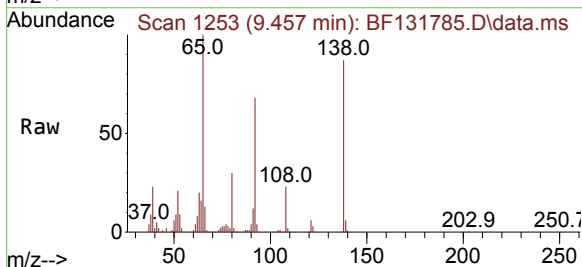
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

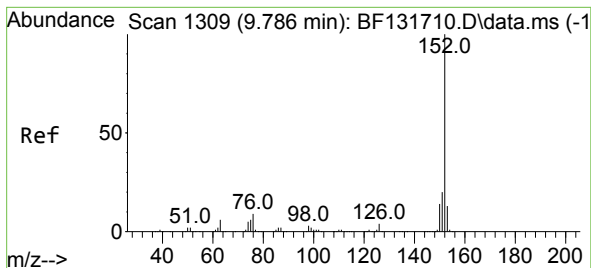
Tgt Ion:162 Resp: 487557  
Ion Ratio Lower Upper  
162 100  
127 38.9 31.4 47.2  
164 32.5 26.6 39.8



#48  
2-Nitroaniline  
Concen: 46.484 ng  
RT: 9.457 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion: 65 Resp: 171601  
Ion Ratio Lower Upper  
65 100  
92 67.6 55.5 83.3  
138 86.7 74.8 112.2





#49

Acenaphthylene

Concen: 47.704 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

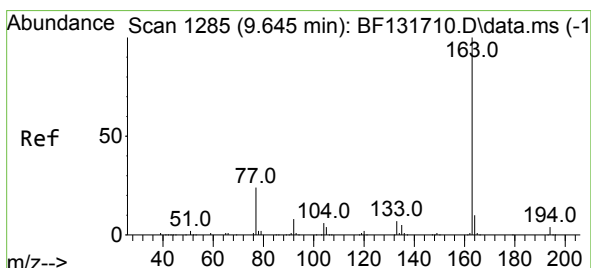
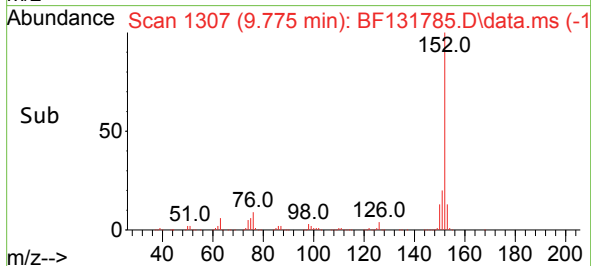
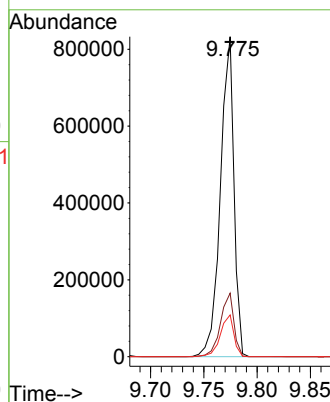
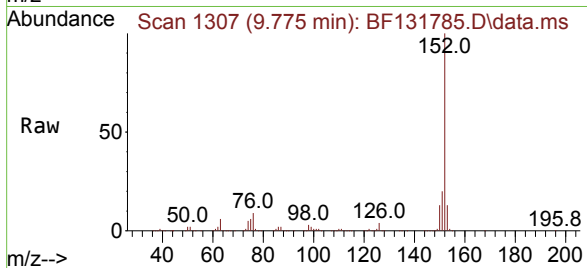
Tgt Ion:152 Resp: 732831

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 47.338 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

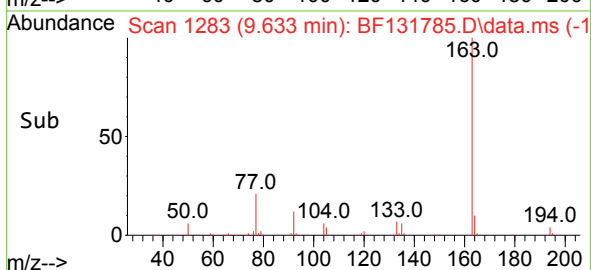
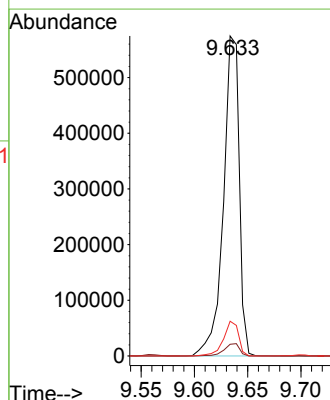
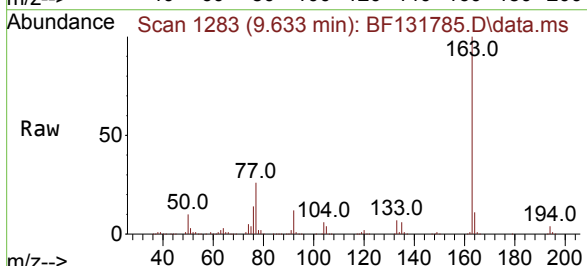
Tgt Ion:163 Resp: 592305

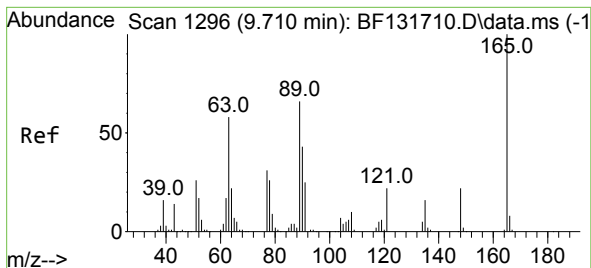
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.8 8.2 12.4

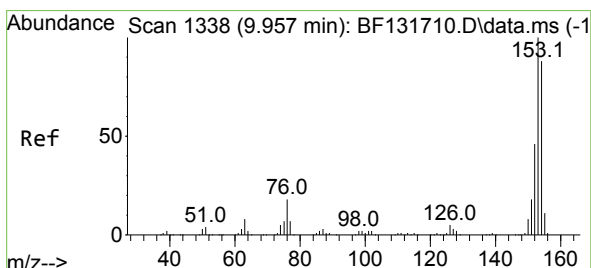
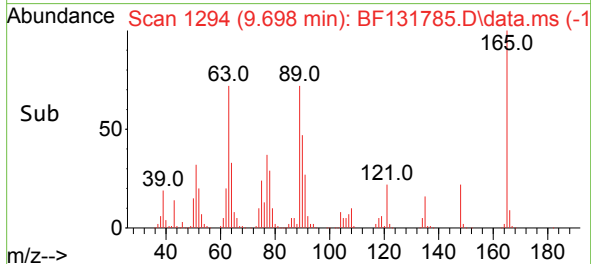
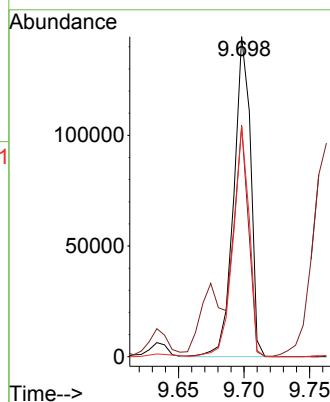
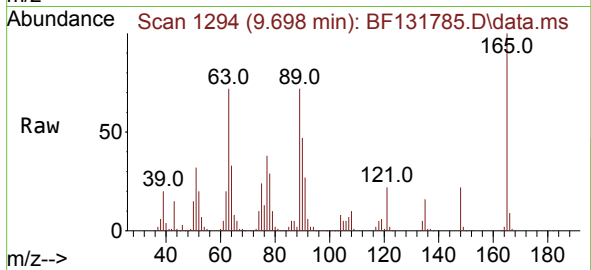




#51  
2,6-Dinitrotoluene  
Concen: 48.046 ng  
RT: 9.698 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

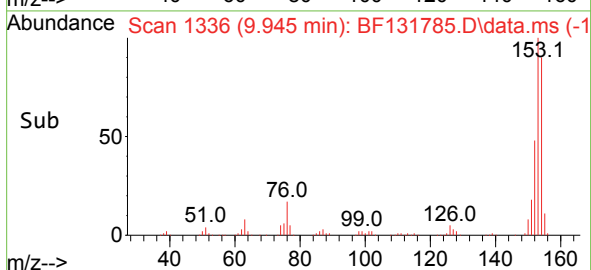
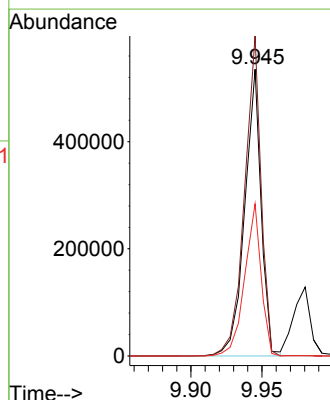
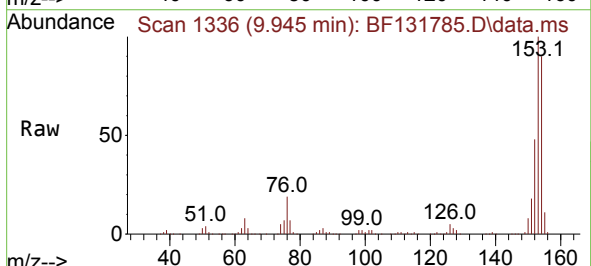
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

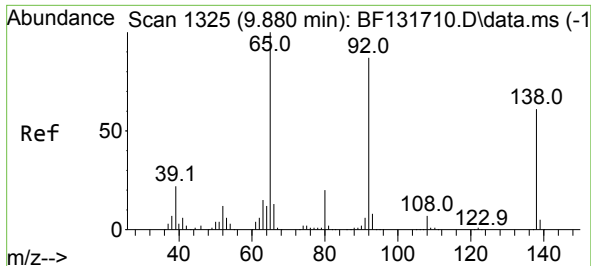
Tgt Ion:165 Resp: 129265  
Ion Ratio Lower Upper  
165 100  
63 72.3 51.8 77.8  
89 72.0 53.2 79.8



#52  
Acenaphthene  
Concen: 45.999 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:154 Resp: 432878  
Ion Ratio Lower Upper  
154 100  
153 111.6 90.4 135.6  
152 53.1 42.0 63.0

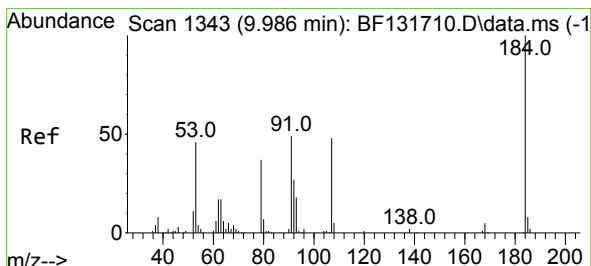
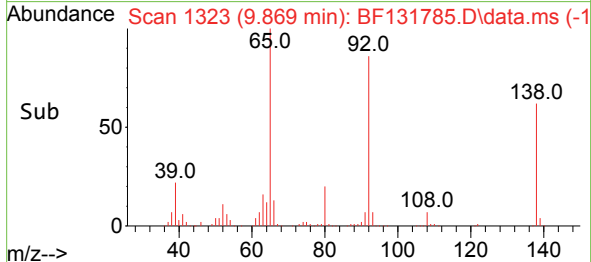
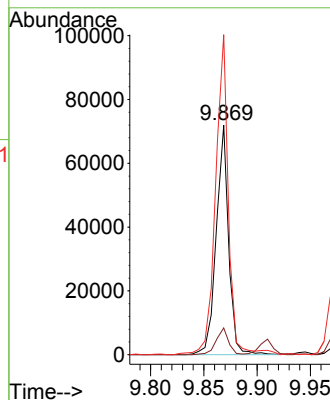
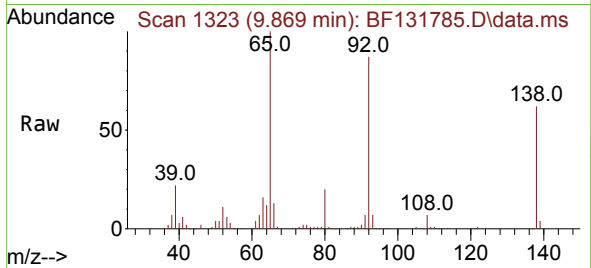




#53  
3-Nitroaniline  
Concen: 21.260 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

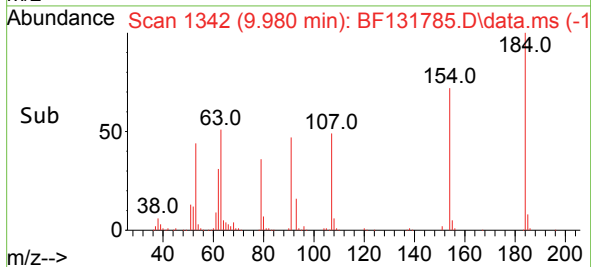
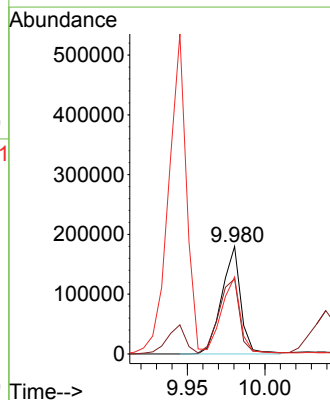
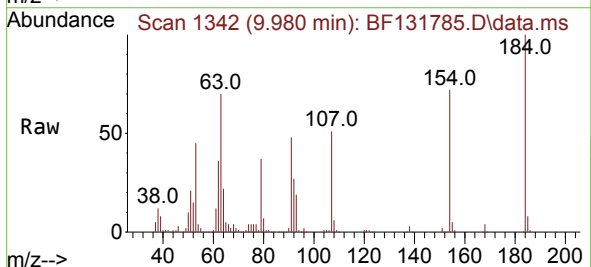
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

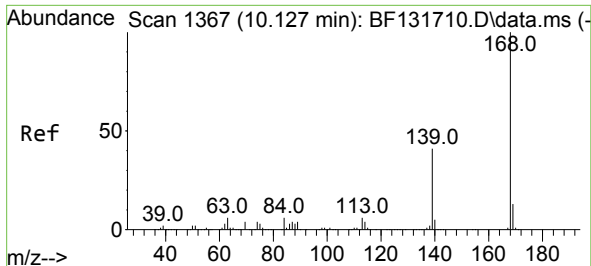
Tgt Ion:138 Resp: 58526  
Ion Ratio Lower Upper  
138 100  
108 11.6 9.2 13.8  
92 139.4 114.6 171.8



#54  
2,4-Dinitrophenol  
Concen: 95.621 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:184 Resp: 154148  
Ion Ratio Lower Upper  
184 100  
63 69.8 55.8 83.8  
154 71.6 57.1 85.7

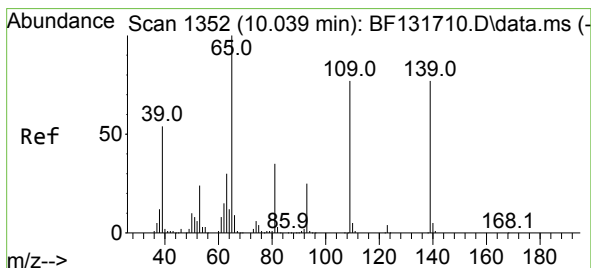
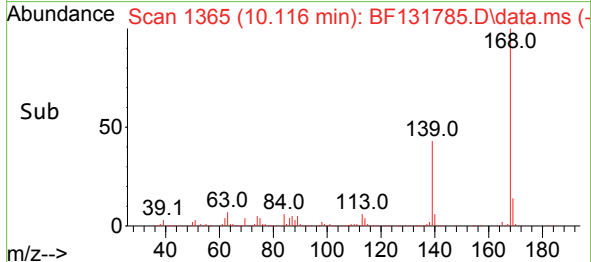
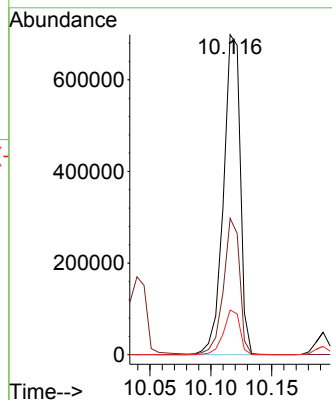
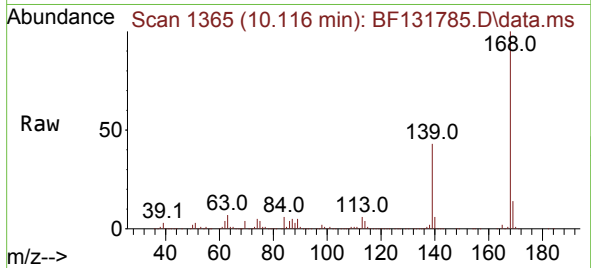




#55  
Dibenzenofuran  
Concen: 46.615 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

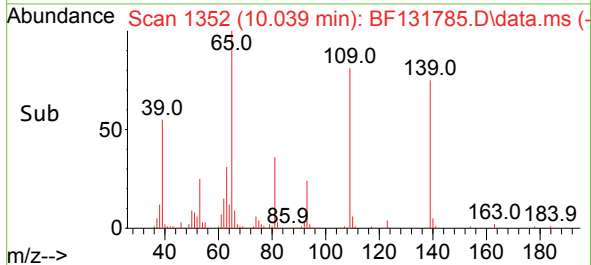
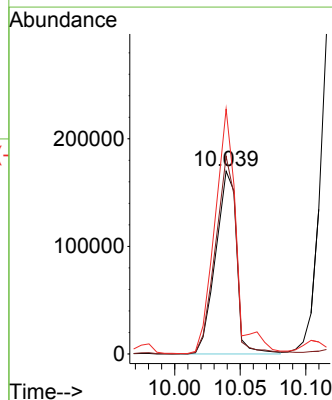
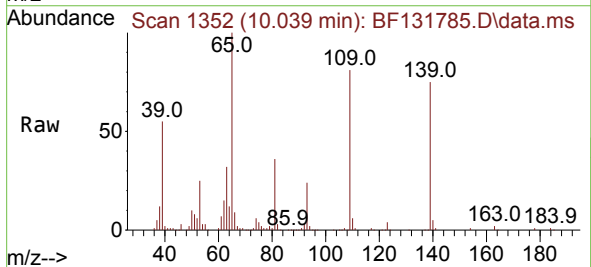
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

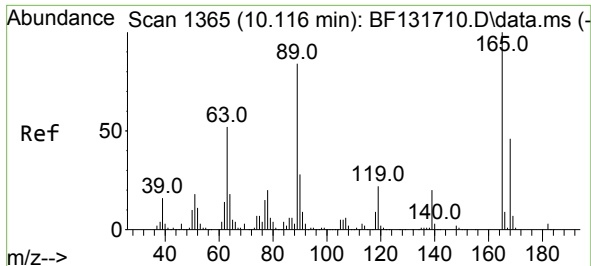
Tgt Ion:168 Resp: 672687  
Ion Ratio Lower Upper  
168 100  
139 42.6 32.7 49.1  
169 14.0 10.6 16.0



#56  
4-Nitrophenol  
Concen: 96.261 ng  
RT: 10.039 min Scan# 1352  
Delta R.T. 0.012 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:139 Resp: 189664  
Ion Ratio Lower Upper  
139 100  
109 108.1 79.9 119.9  
65 134.0 110.2 150.2

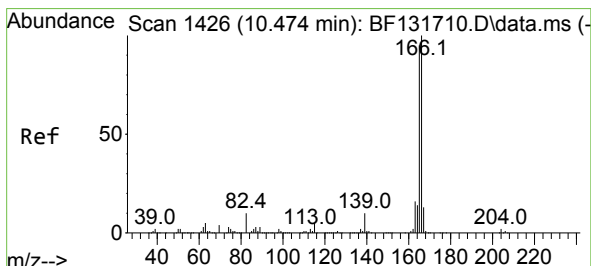
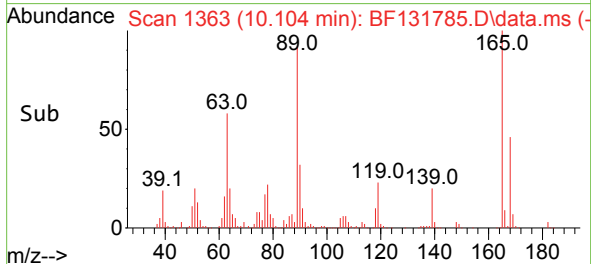
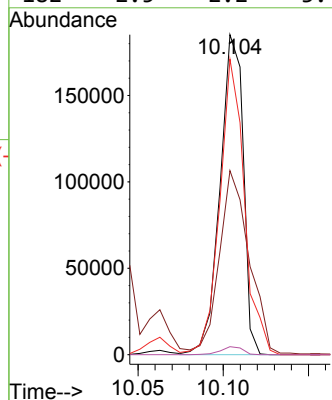
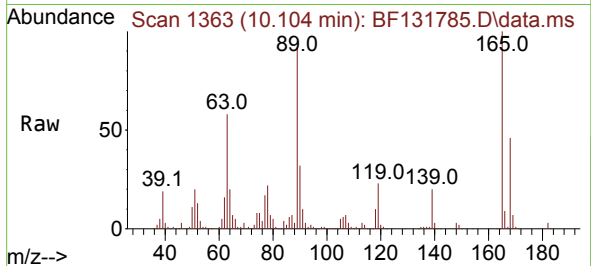




#57  
2,4-Dinitrotoluene  
Concen: 48.362 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

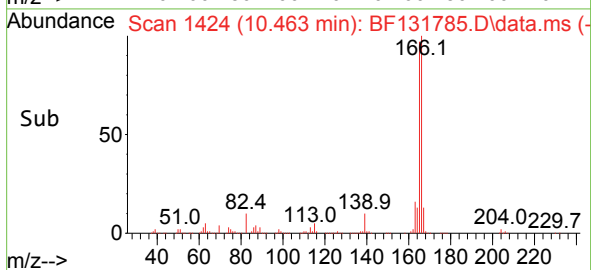
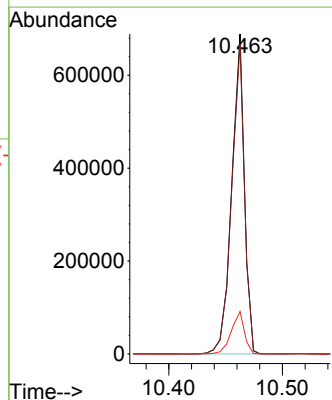
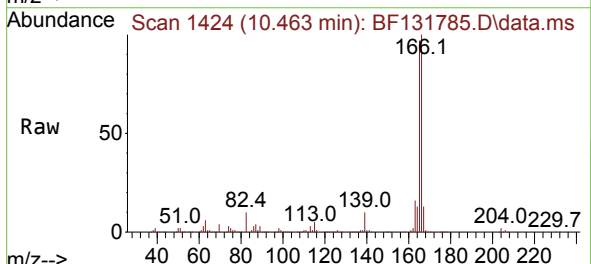
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

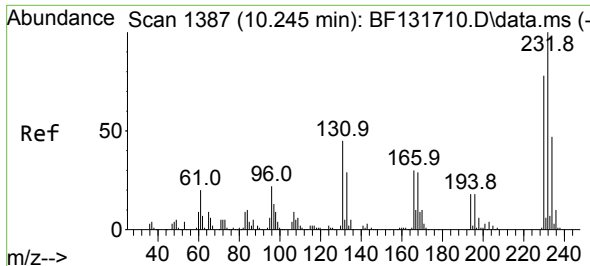
Tgt Ion:165 Resp: 174842  
Ion Ratio Lower Upper  
165 100  
63 57.5 41.5 62.3  
89 92.4 67.0 100.4  
182 2.5 2.2 3.4



#58  
Fluorene  
Concen: 45.803 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:166 Resp: 534391  
Ion Ratio Lower Upper  
166 100  
165 96.8 75.8 113.8  
167 13.2 10.6 15.8

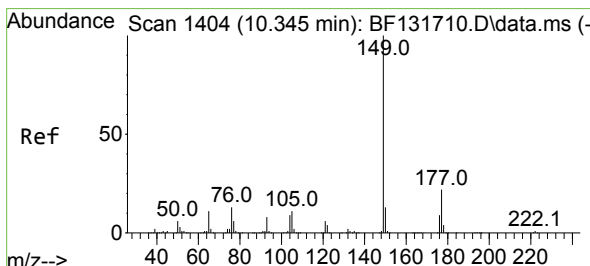
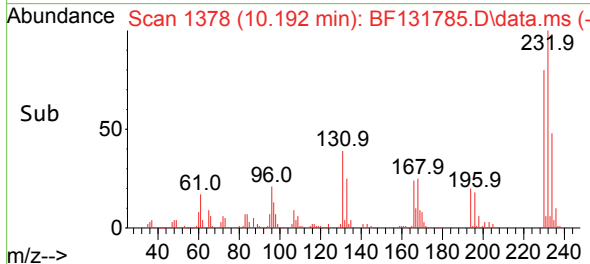
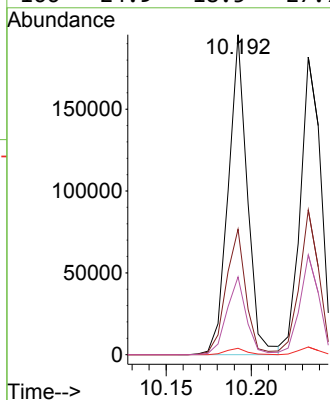
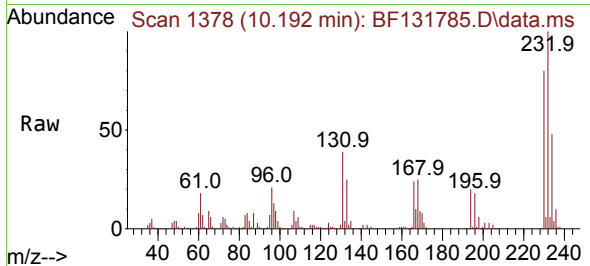




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.458 ng  
RT: 10.192 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

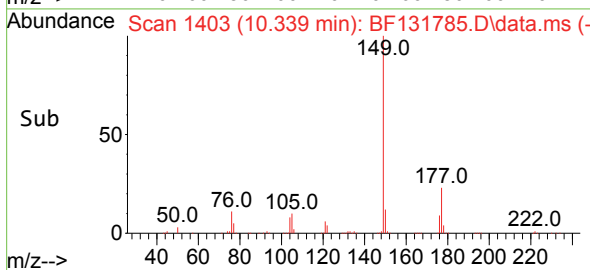
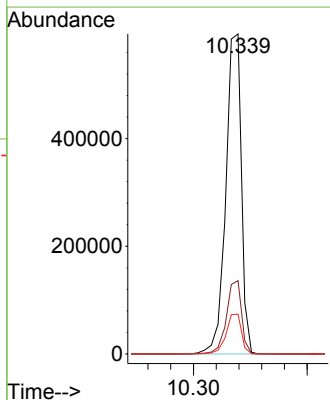
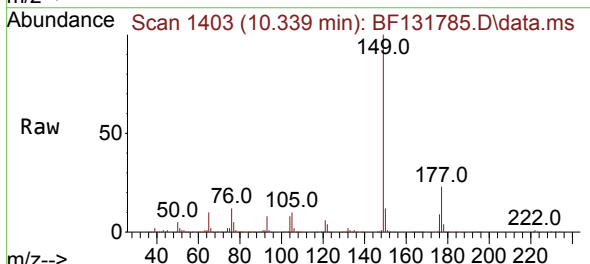
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

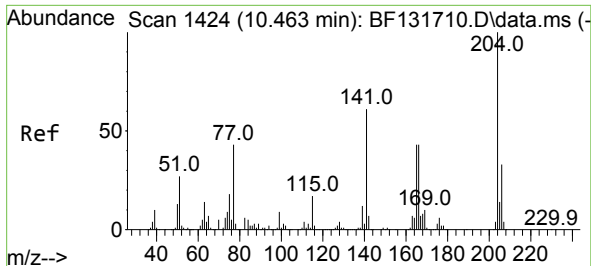
Tgt Ion:232 Resp: 152684  
Ion Ratio Lower Upper  
232 100  
131 40.4 29.9 44.9  
130 2.2 1.7 2.5  
166 24.9 18.5 27.7



#60  
Diethylphthalate  
Concen: 46.950 ng  
RT: 10.339 min Scan# 1403  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:149 Resp: 566040  
Ion Ratio Lower Upper  
149 100  
177 22.9 17.4 26.0  
150 12.5 10.2 15.2

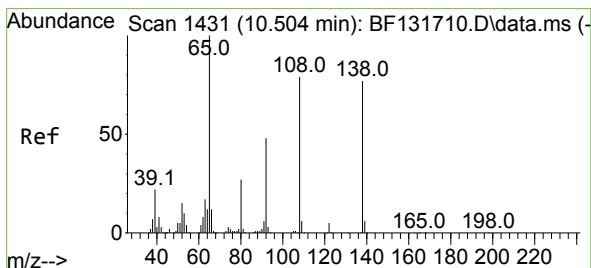
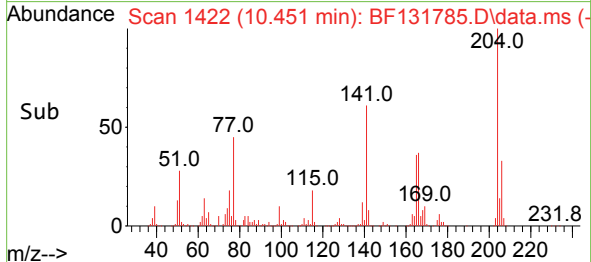
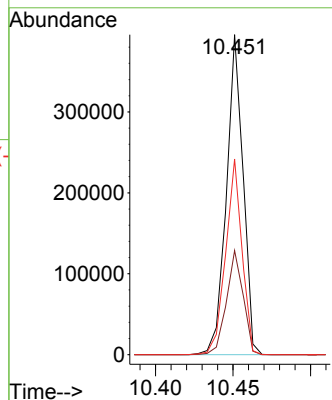
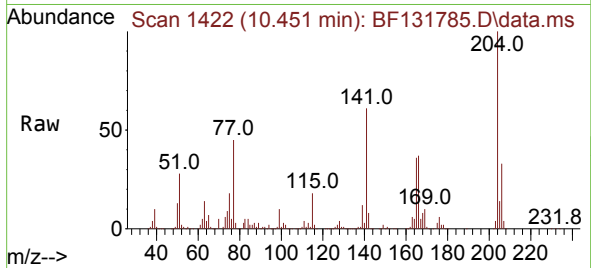




#61  
4-Chlorophenyl-phenylether  
Concen: 47.667 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

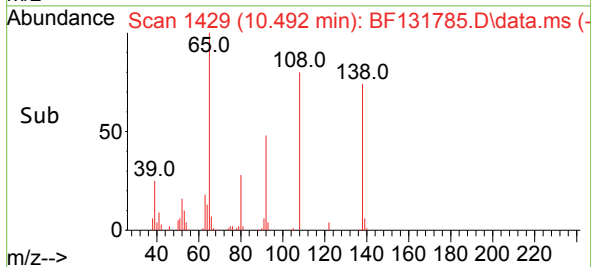
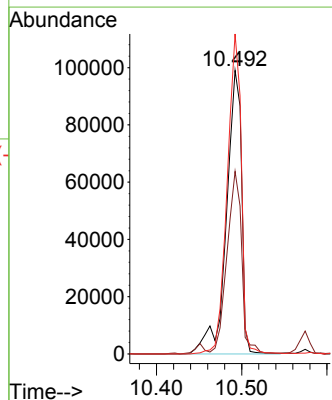
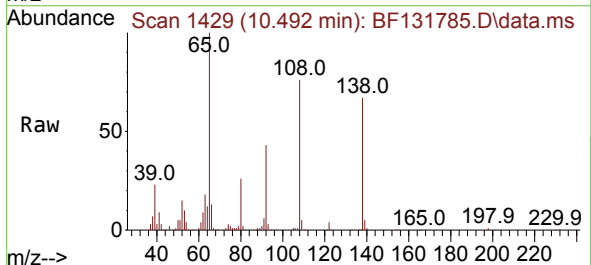
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

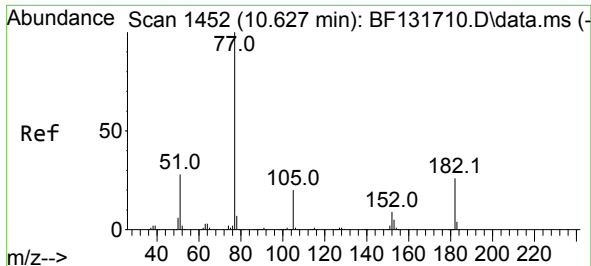
Tgt Ion:204 Resp: 295587  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 40.0  
141 61.1 48.6 72.8



#62  
4-Nitroaniline  
Concen: 44.313 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:138 Resp: 122772  
Ion Ratio Lower Upper  
138 100  
92 64.4 42.1 82.1  
108 112.9 83.1 123.1

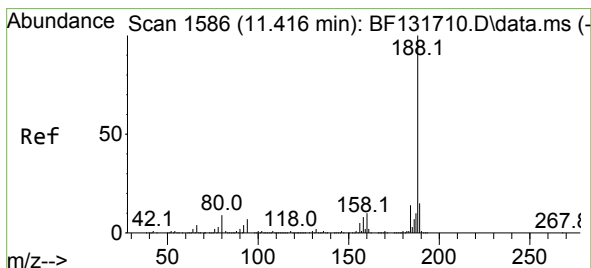
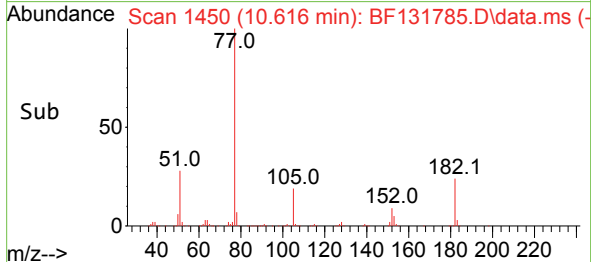
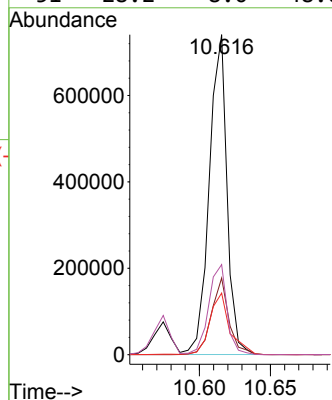
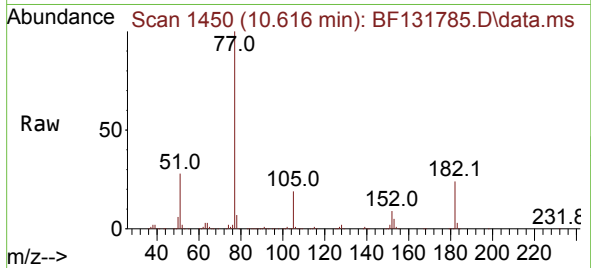




#63  
Azobenzene  
Concen: 48.431 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

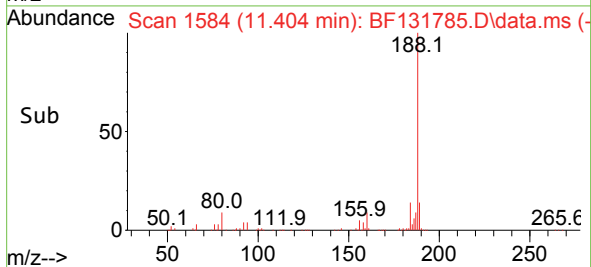
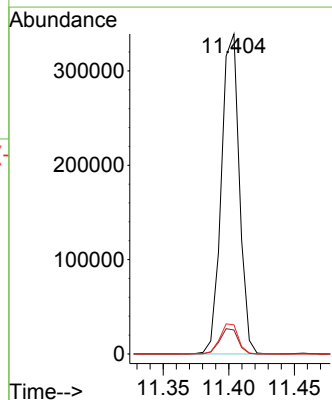
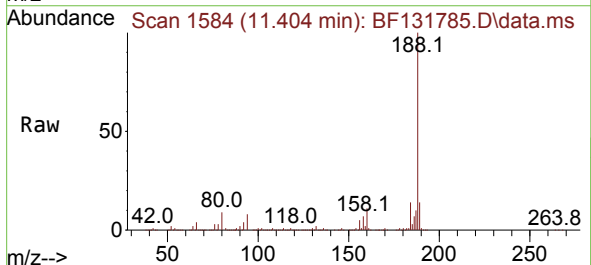
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

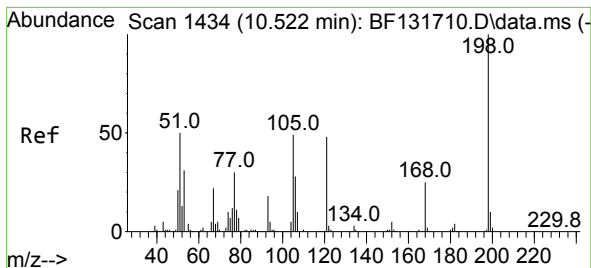
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 641201 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 23.9  | 5.8   | 45.8   |
| 105      | 19.2  | 0.0   | 39.7   |
| 51       | 28.2  | 8.0   | 48.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 322752 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 7.5   | 5.9   | 8.9    |
| 80       | 9.1   | 7.0   | 10.6   |

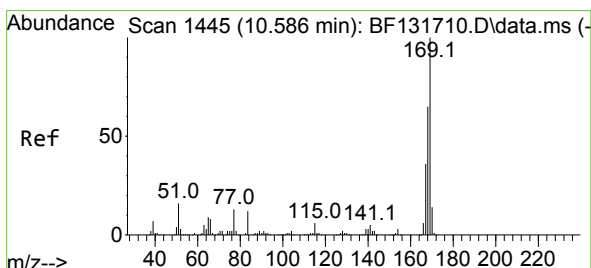
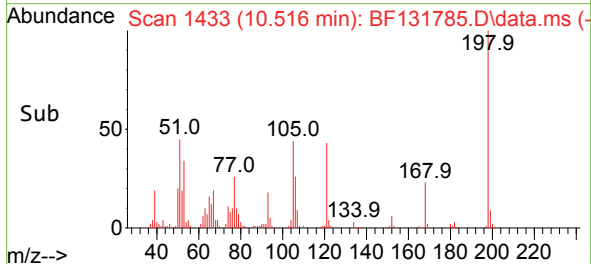
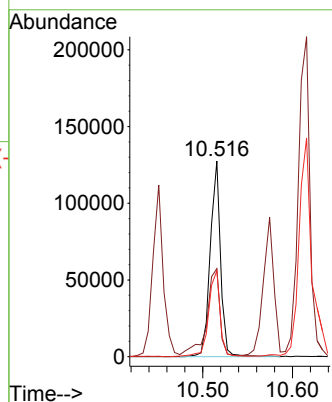
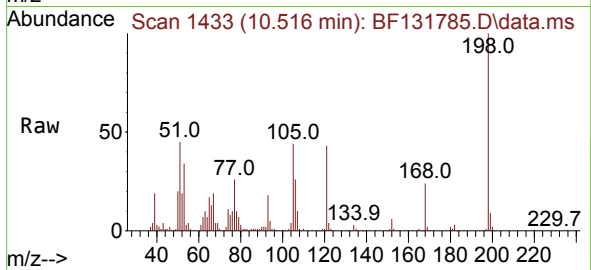




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 45.906 ng  
 RT: 10.516 min Scan# 1433  
 Delta R.T. 0.006 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

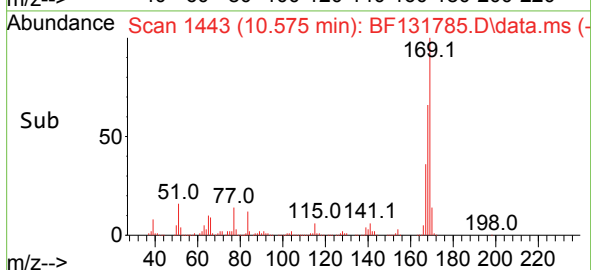
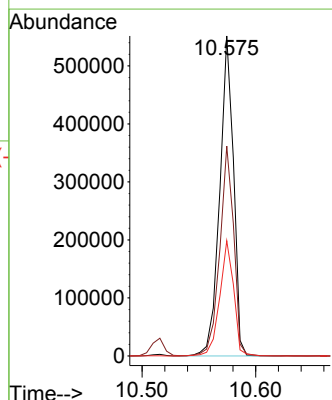
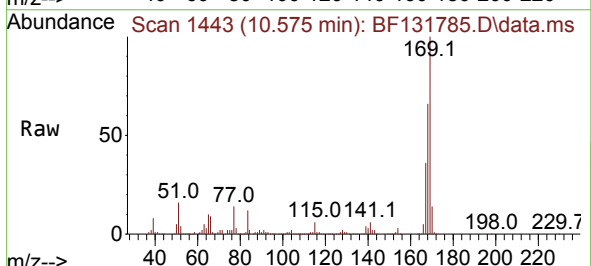
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

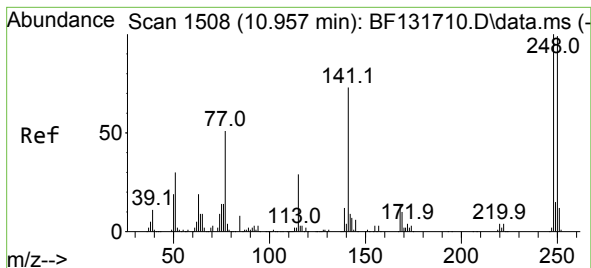
Tgt Ion:198 Resp: 101722  
 Ion Ratio Lower Upper  
 198 100  
 51 45.0 34.1 74.1  
 105 44.0 29.7 69.7



#66  
 n-Nitrosodiphenylamine  
 Concen: 46.527 ng  
 RT: 10.575 min Scan# 1443  
 Delta R.T. -0.000 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

Tgt Ion:169 Resp: 465678  
 Ion Ratio Lower Upper  
 169 100  
 168 65.6 52.4 78.6  
 167 36.0 28.6 42.8

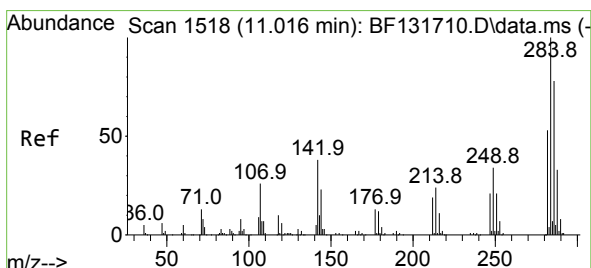
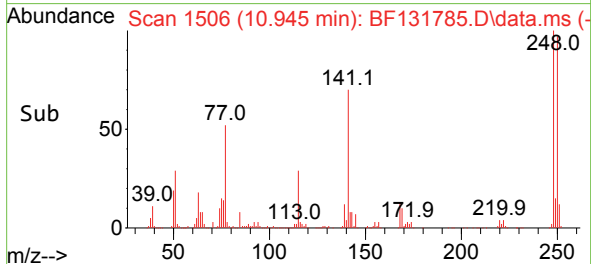
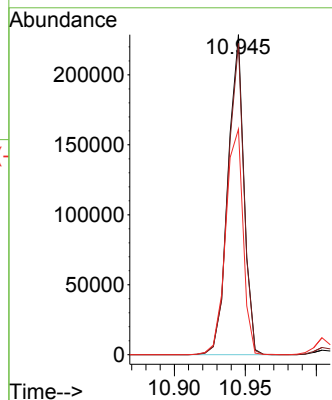
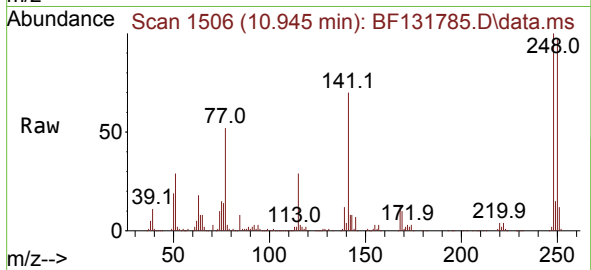




#67  
4-Bromophenyl-phenylether  
Concen: 46.983 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

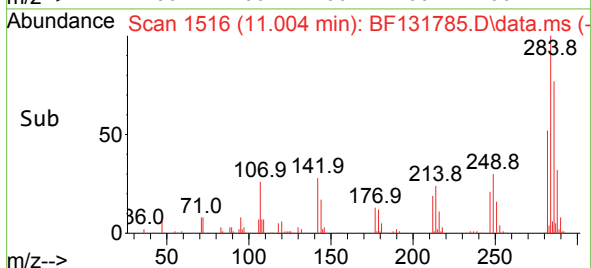
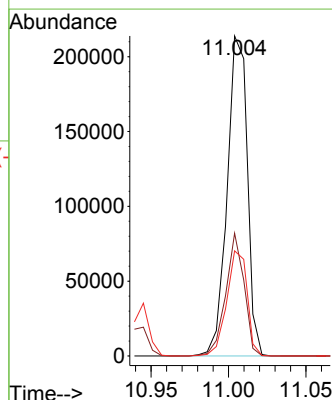
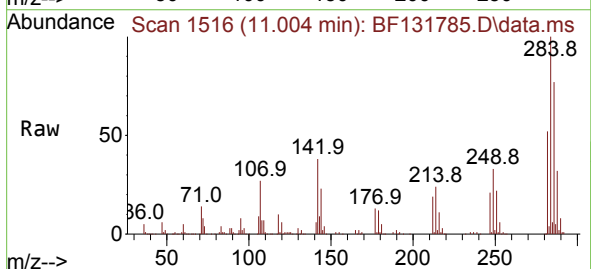
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

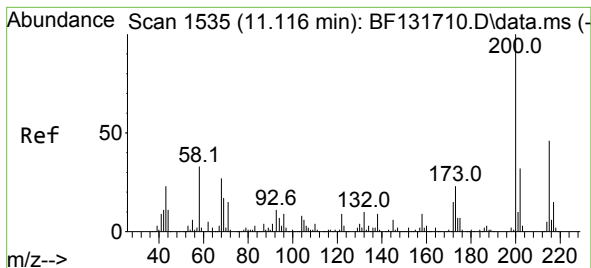
Tgt Ion:248 Resp: 179094  
Ion Ratio Lower Upper  
248 100  
250 97.2 79.4 119.0  
141 70.5 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 46.166 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:284 Resp: 193546  
Ion Ratio Lower Upper  
284 100  
142 38.3 30.2 45.4  
249 32.9 27.2 40.8





#69

Atrazine

Concen: 54.259 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

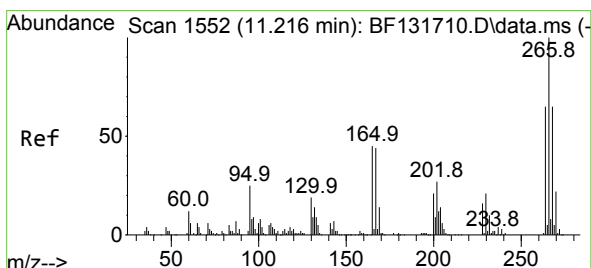
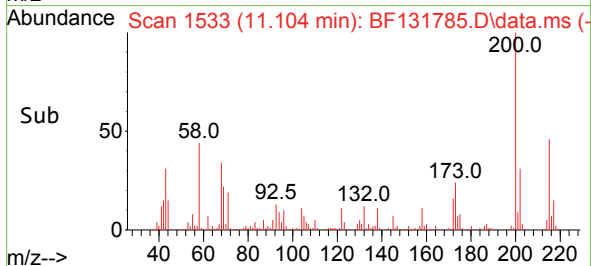
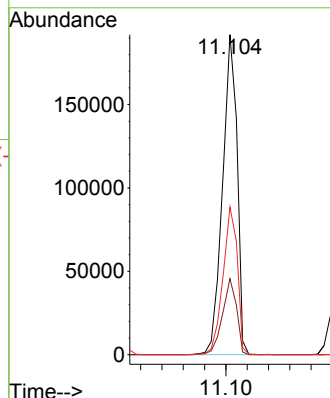
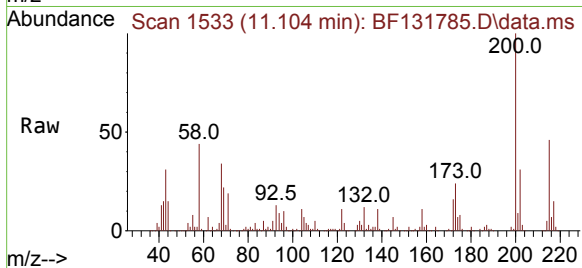
Tgt Ion:200 Resp: 181027

Ion Ratio Lower Upper

200 100

173 23.8 2.7 42.7

215 46.1 26.4 66.4



#70

Pentachlorophenol

Concen: 96.029 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

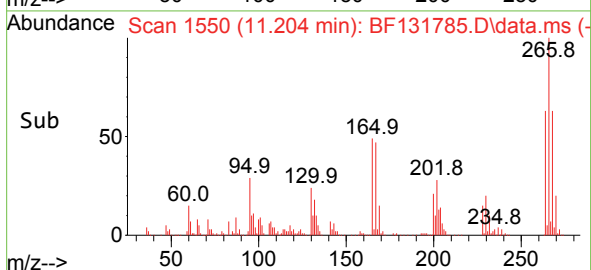
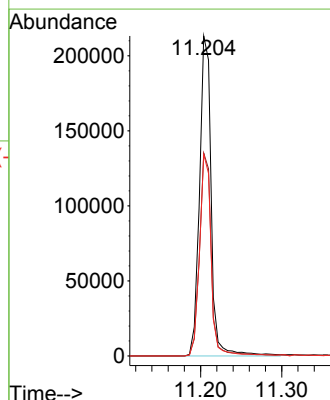
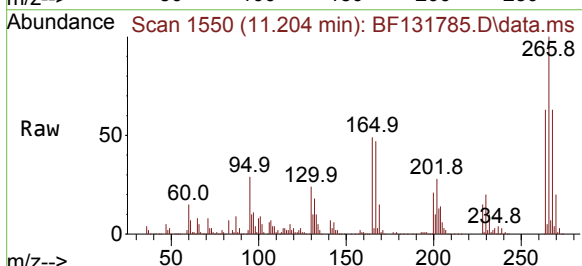
Tgt Ion:266 Resp: 213678

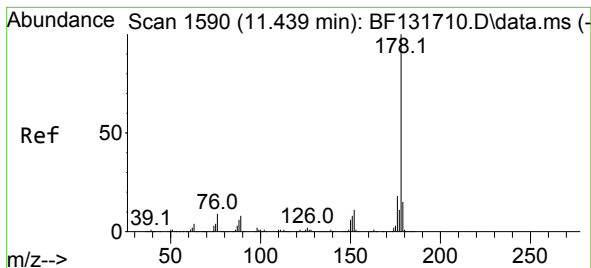
Ion Ratio Lower Upper

266 100

268 63.4 52.2 78.4

264 63.0 52.0 78.0





#71

Phenanthrene

Concen: 44.882 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

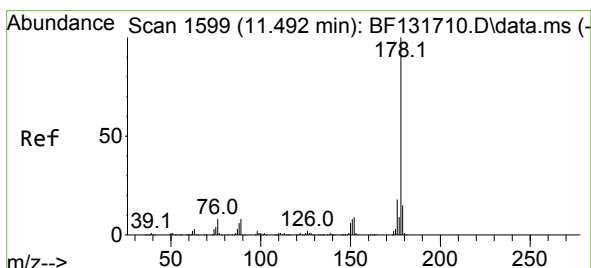
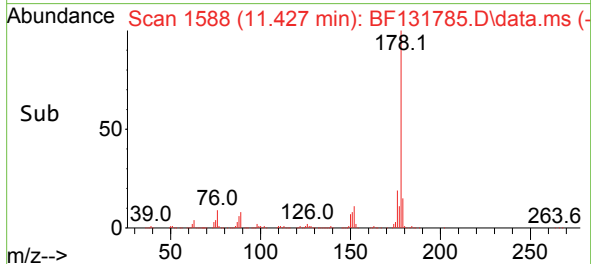
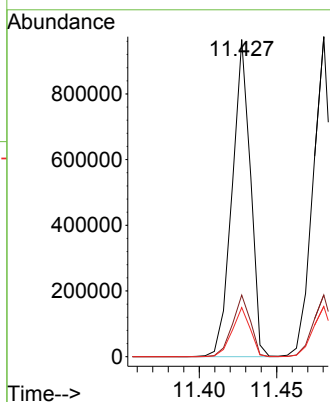
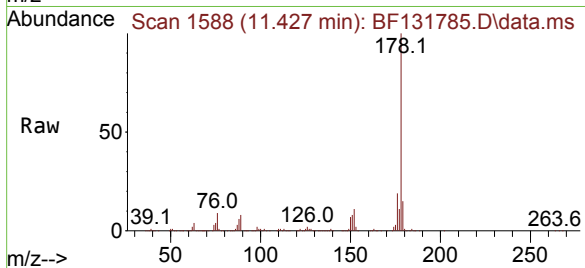
Tgt Ion:178 Resp: 789886

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 47.069 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

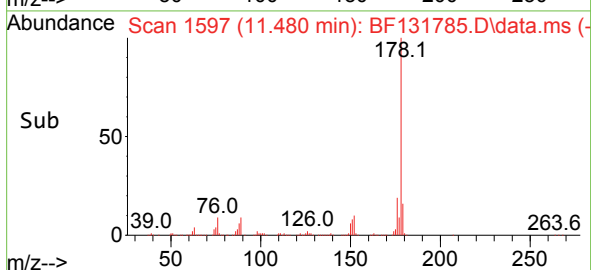
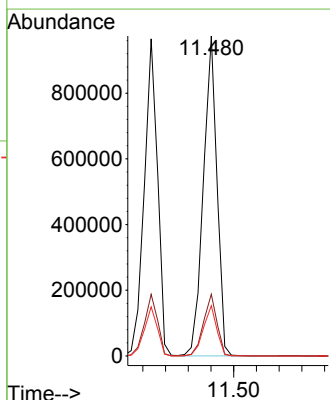
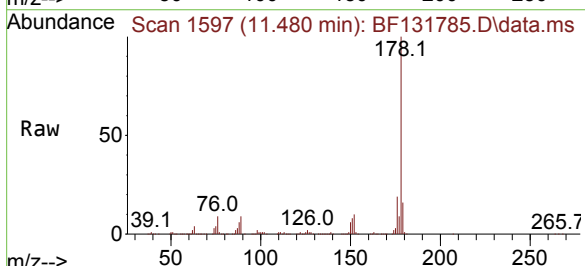
Tgt Ion:178 Resp: 811101

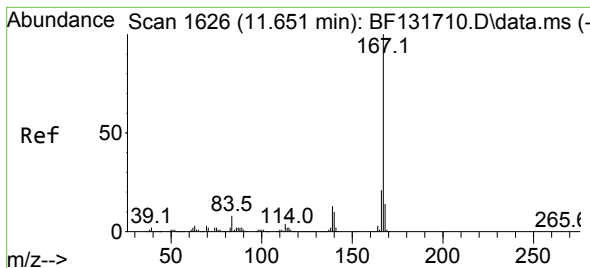
Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

179 15.7 12.2 18.4





#73

Carbazole

Concen: 47.385 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

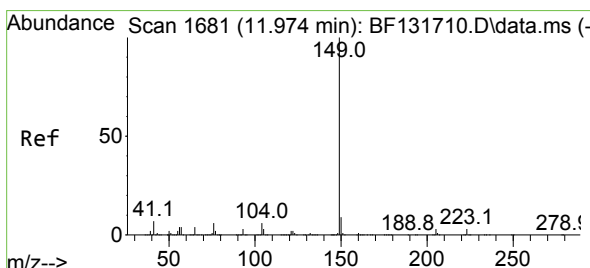
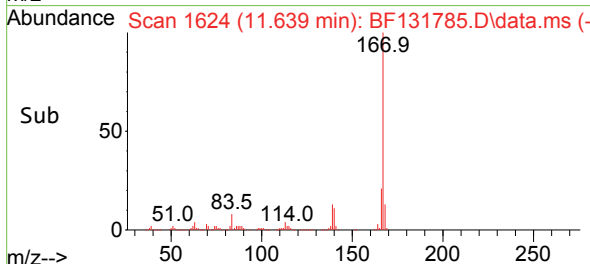
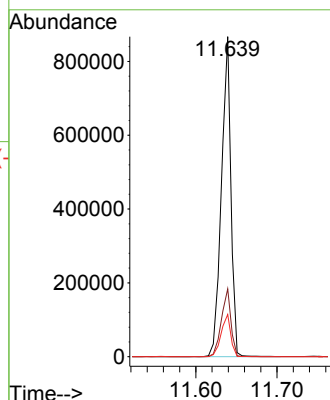
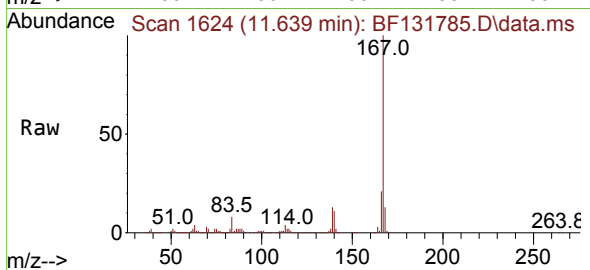
Tgt Ion:167 Resp: 706443

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 47.560 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

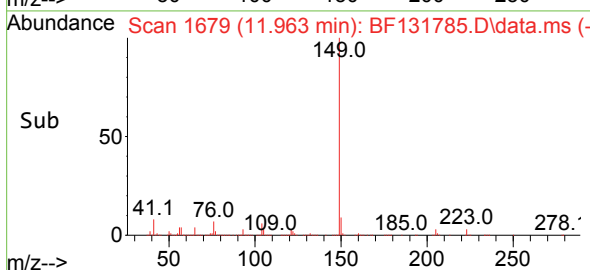
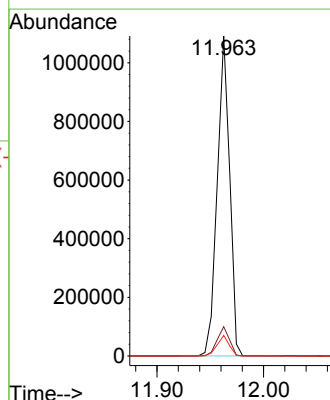
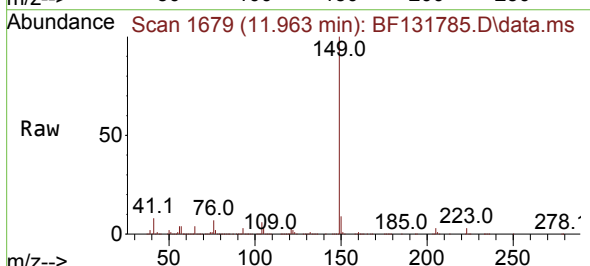
Tgt Ion:149 Resp: 882902

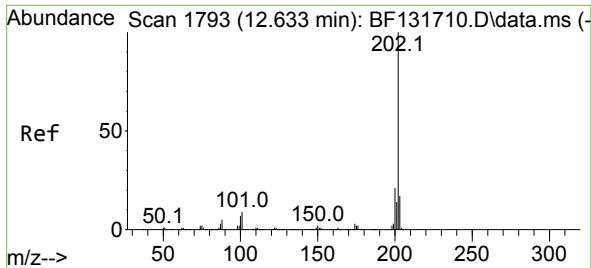
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 6.4 5.0 7.4

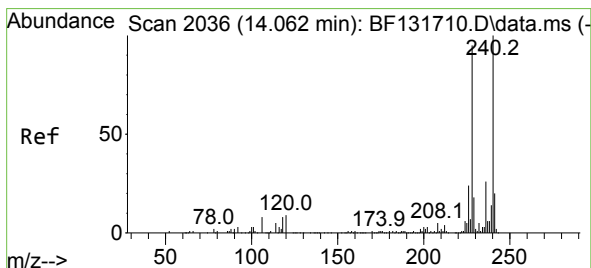
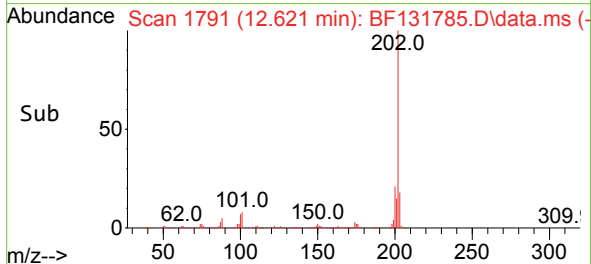
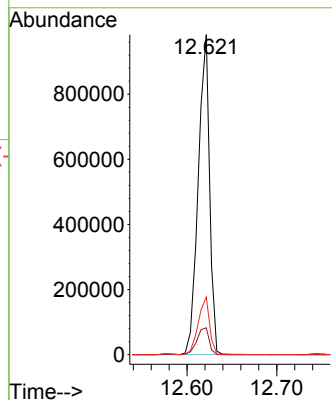
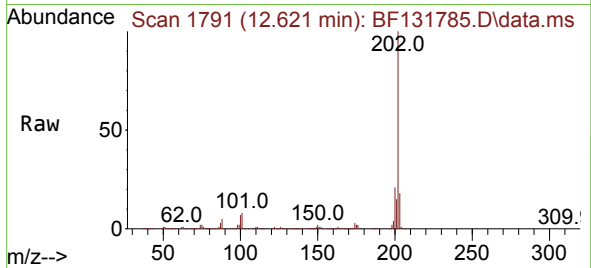




#75  
Fluoranthene  
Concen: 43.993 ng  
RT: 12.621 min Scan# 1791  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

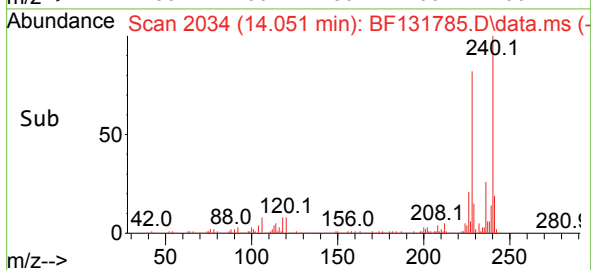
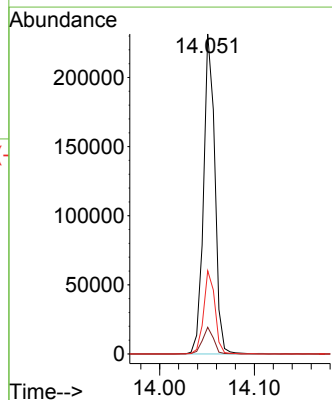
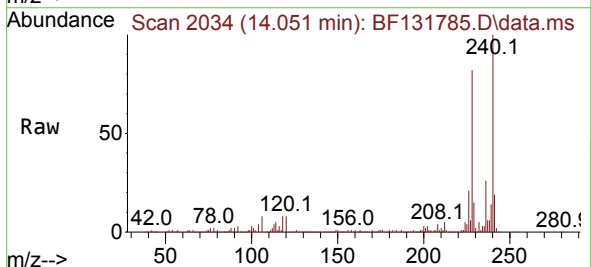
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1MSD

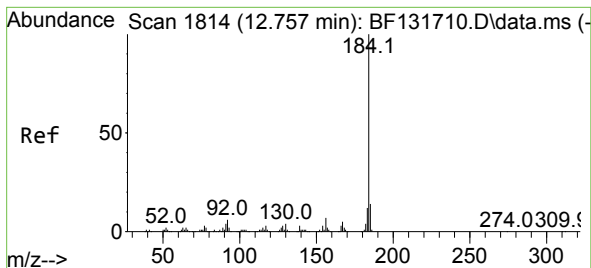
Tgt Ion:202 Resp: 862276  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 28.8  
203 18.0 0.0 37.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:240 Resp: 191414  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.6 11.4  
236 26.0 21.2 31.8





#77

Benzidine

Concen: 103.364 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

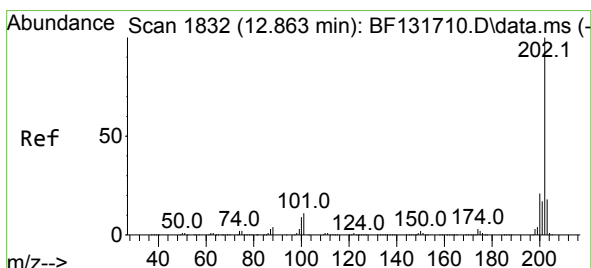
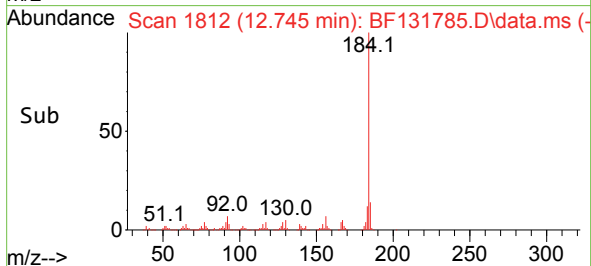
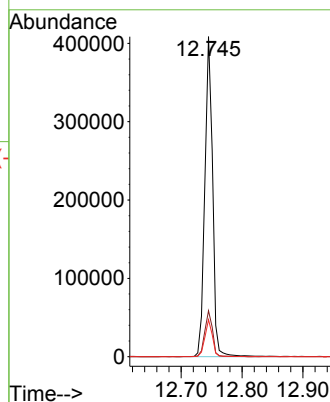
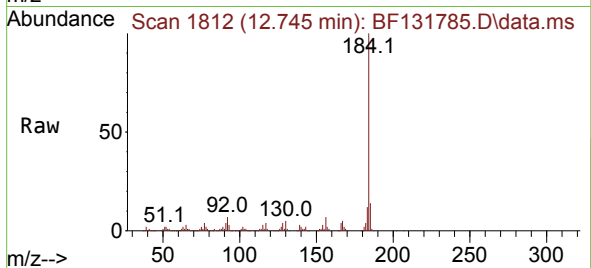
Tgt Ion:184 Resp: 362799

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.6 9.3 13.9



#78

Pyrene

Concen: 51.001 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

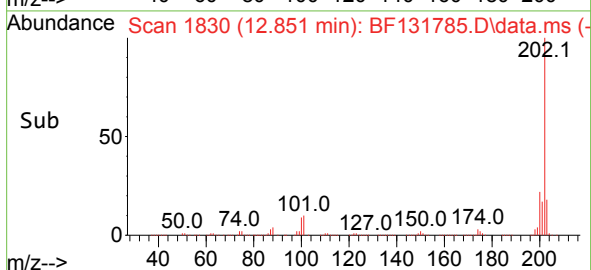
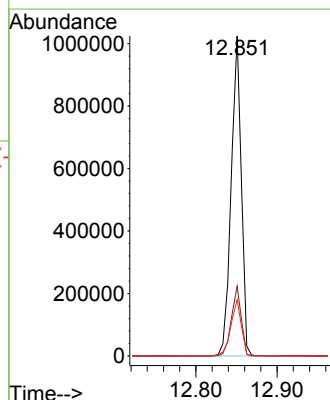
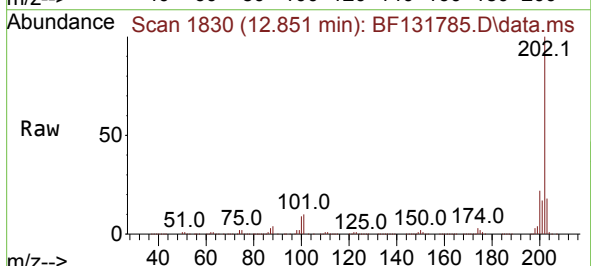
Tgt Ion:202 Resp: 887570

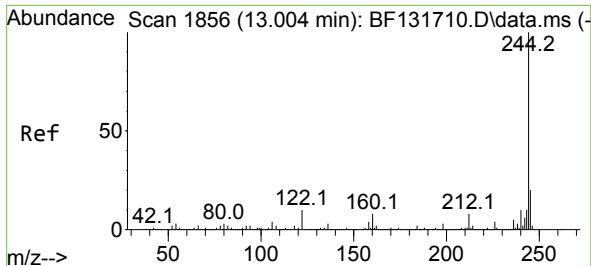
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

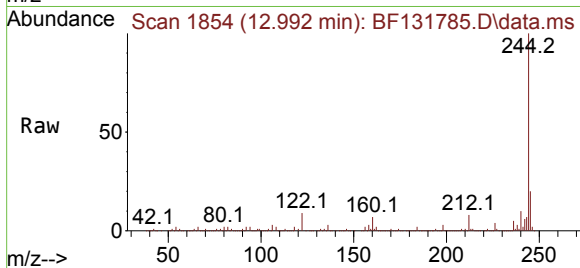
203 17.5 14.1 21.1



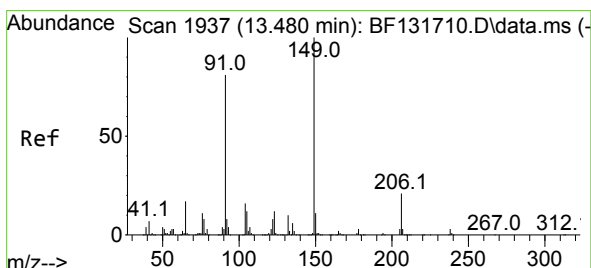
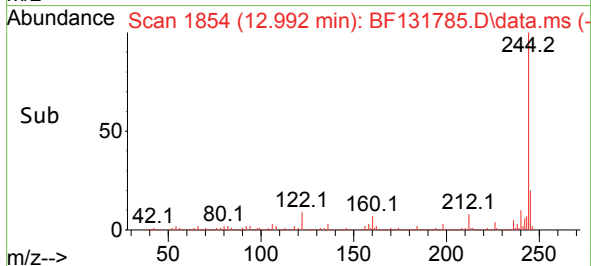
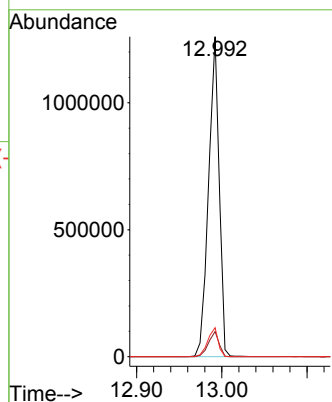


#79  
 Terphenyl-d14  
 Concen: 88.834 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

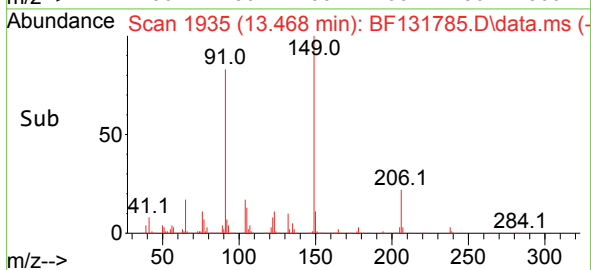
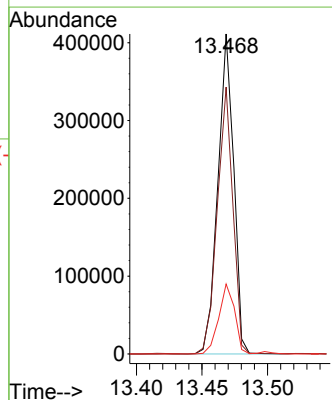
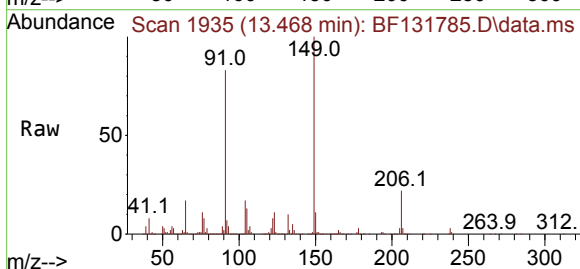


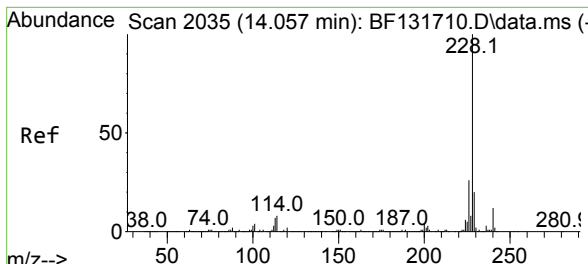
Tgt Ion:244 Resp: 1091033  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.5 9.7  
 122 9.0 7.7 11.5



#80  
 Butylbenzylphthalate  
 Concen: 56.005 ng  
 RT: 13.468 min Scan# 1935  
 Delta R.T. 0.006 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

Tgt Ion:149 Resp: 343760  
 Ion Ratio Lower Upper  
 149 100  
 91 83.4 64.9 97.3  
 206 21.8 17.0 25.4

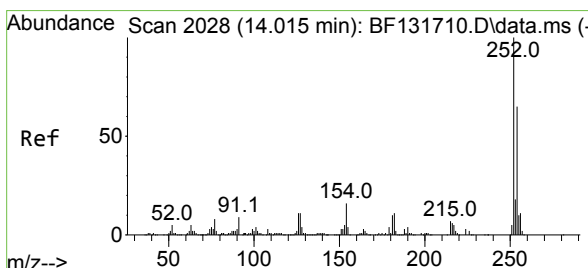
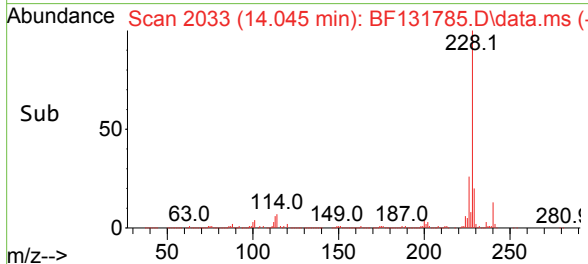
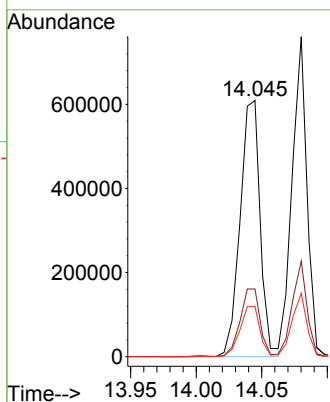
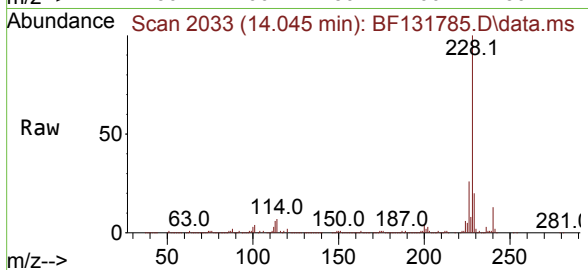




#81  
 Benzo(a)anthracene  
 Concen: 47.174 ng  
 RT: 14.045 min Scan# 2033  
 Delta R.T. 0.006 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

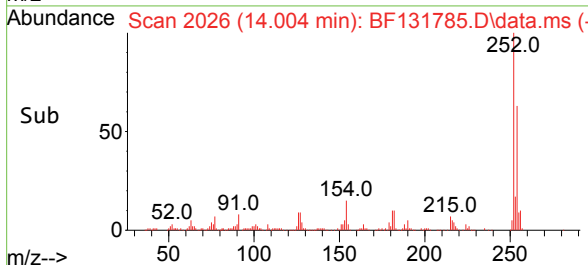
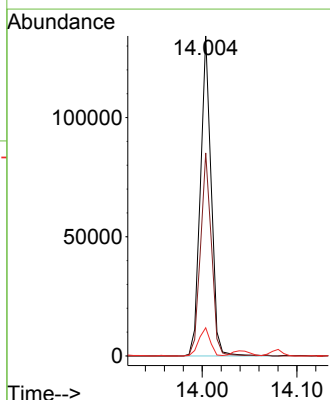
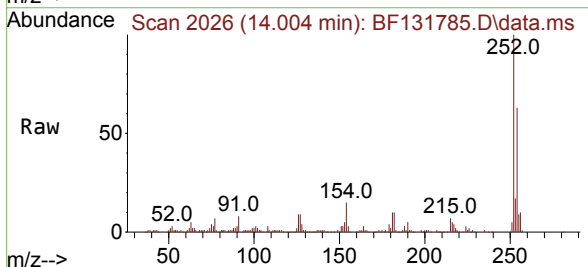
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1MSD

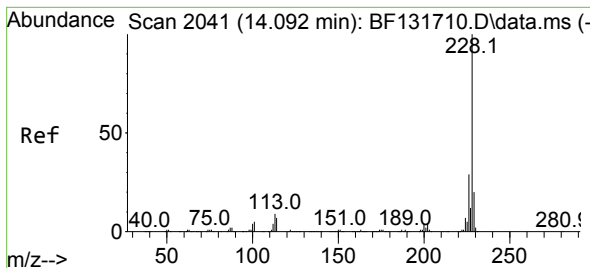
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 650329 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 26.4  | 21.0  | 31.4   |
| 229      | 19.6  | 15.8  | 23.8   |



#82  
 3,3'-Dichlorobenzidine  
 Concen: 27.592 ng  
 RT: 14.004 min Scan# 2026  
 Delta R.T. -0.000 min  
 Lab File: BF131785.D  
 Acq: 22 Dec 2022 19:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 106198 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 63.5  | 52.1  | 78.1   |
| 126      | 8.8   | 8.4   | 12.6   |





#83

Chrysene

Concen: 46.336 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

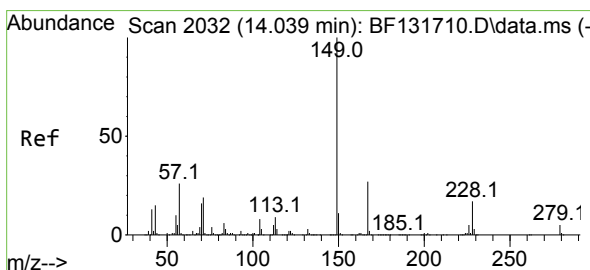
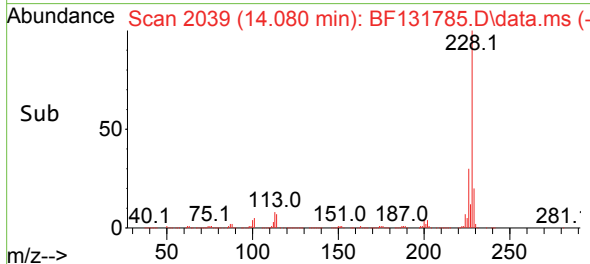
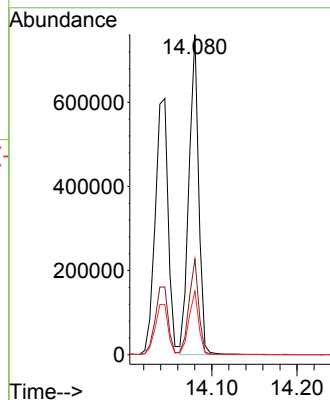
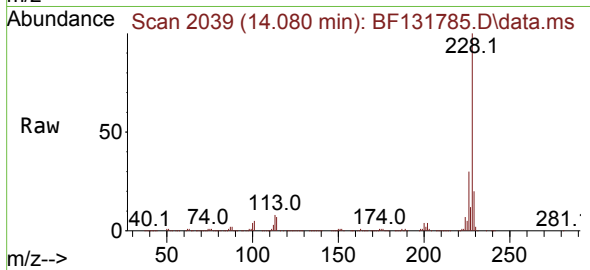
Tgt Ion:228 Resp: 602904

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.663 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

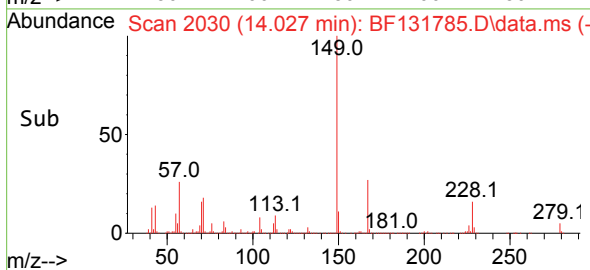
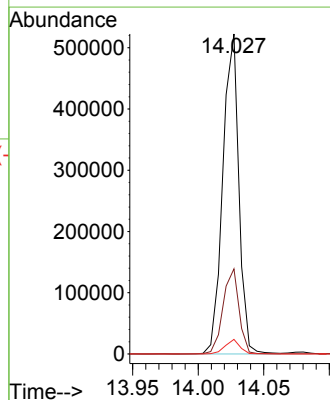
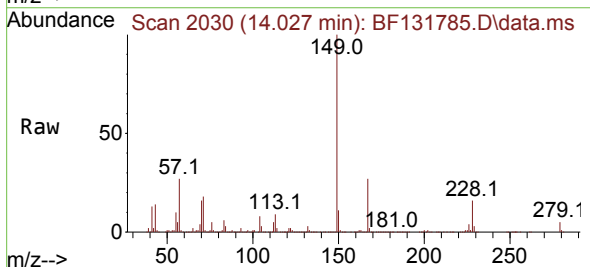
Tgt Ion:149 Resp: 443998

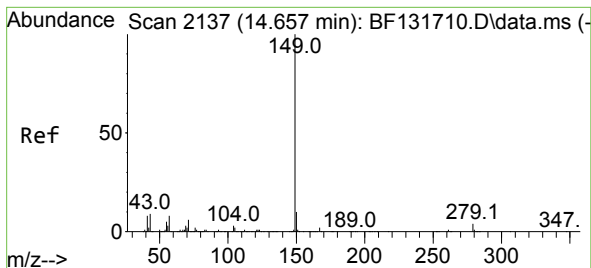
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 61.308 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

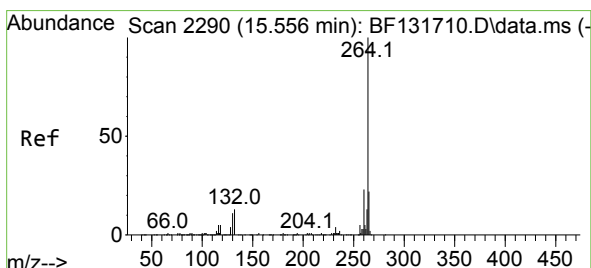
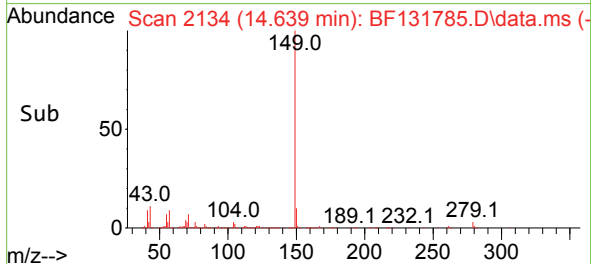
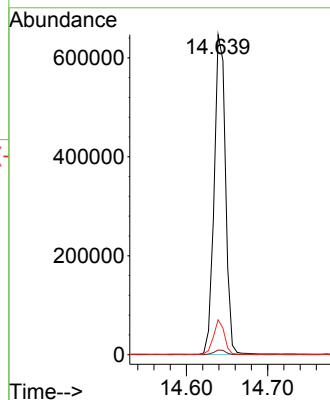
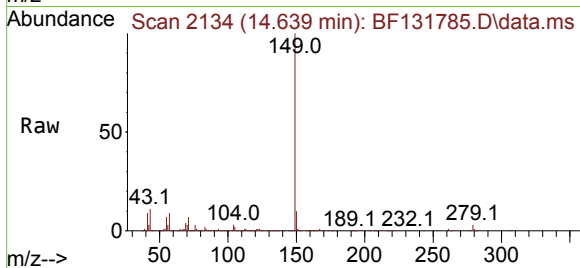
Tgt Ion:149 Resp: 626381

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

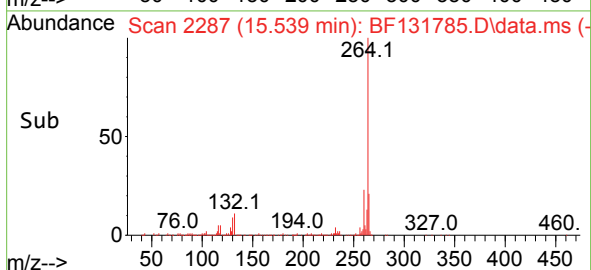
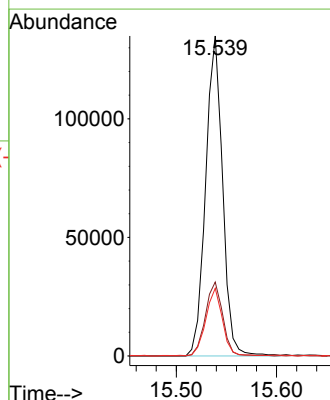
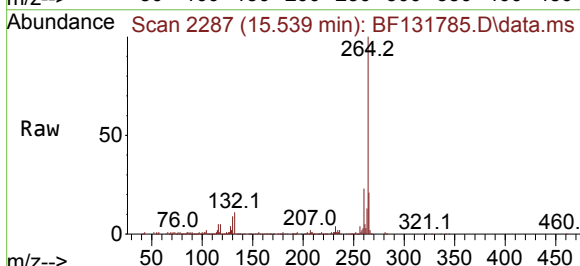
Tgt Ion:264 Resp: 159177

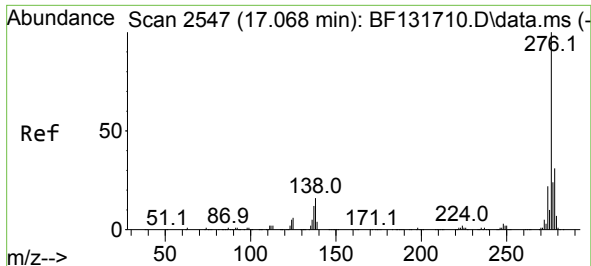
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.1 17.4 26.2

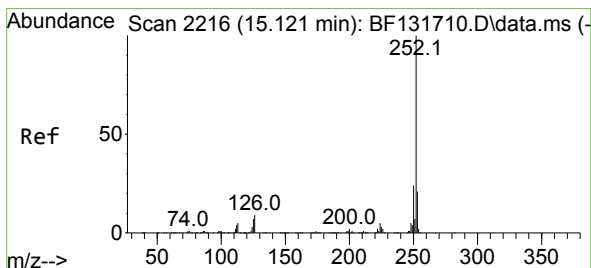
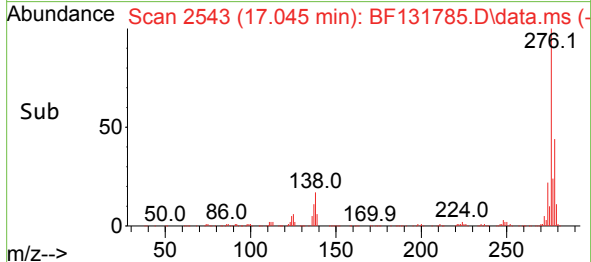
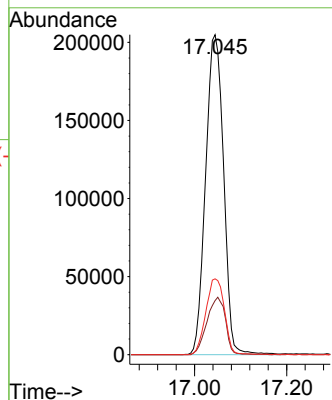
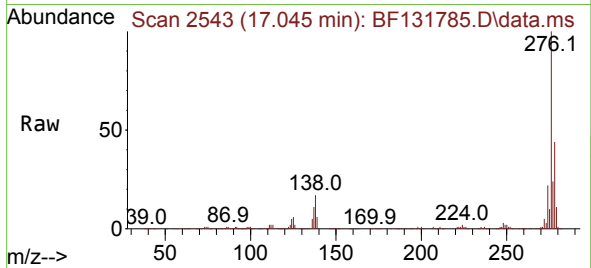




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.060 ng  
RT: 17.045 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

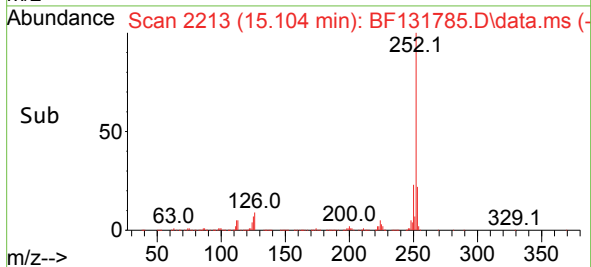
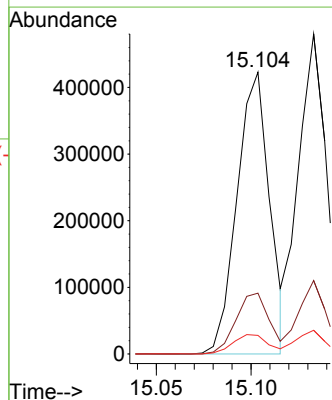
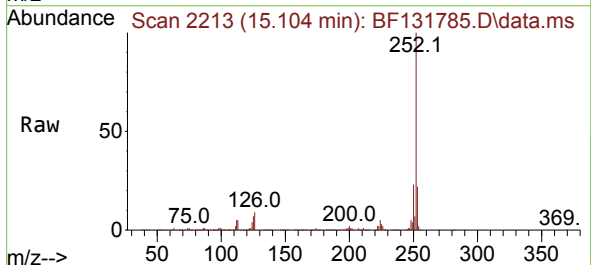
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ClientSampleId :  
COMP-1MSD

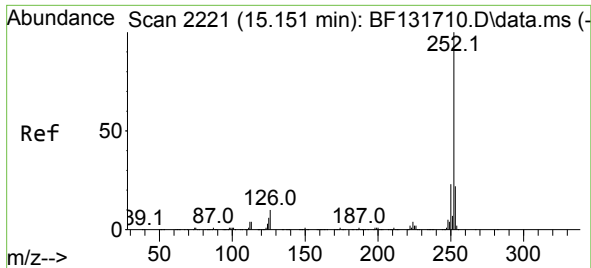
Tgt Ion:276 Resp: 556610  
Ion Ratio Lower Upper  
276 100  
138 18.5 14.4 21.6  
277 24.5 19.8 29.8



#88  
Benzo(b)fluoranthene  
Concen: 44.892 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:252 Resp: 505552  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.2 25.8  
125 6.6 5.5 8.3

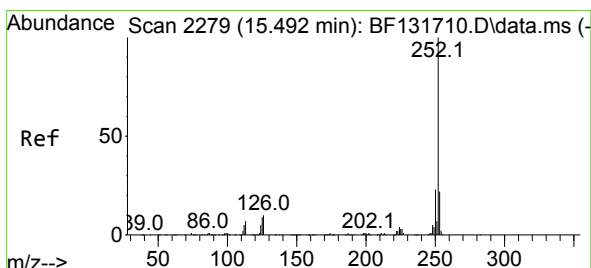
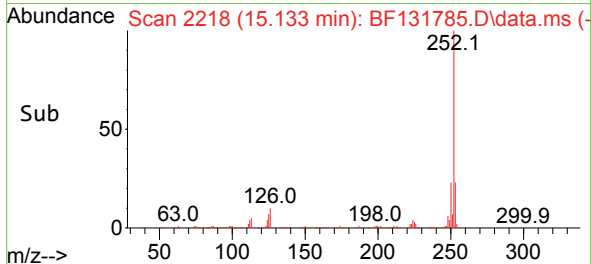
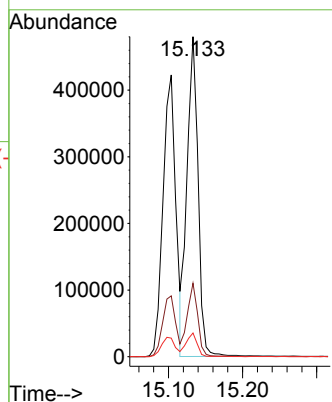
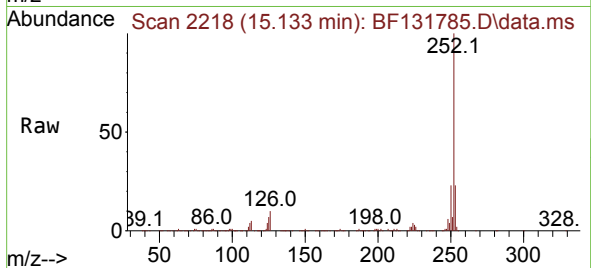




#89  
Benzo(k)fluoranthene  
Concen: 45.686 ng  
RT: 15.133 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

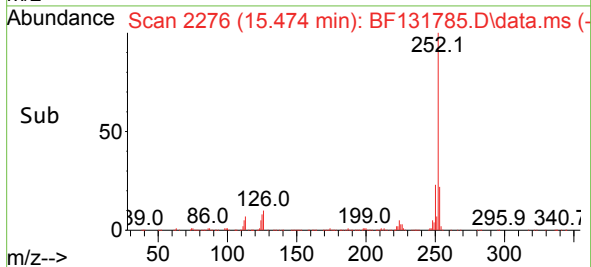
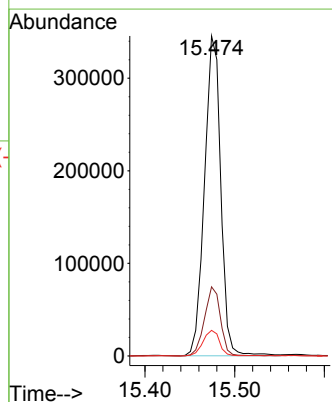
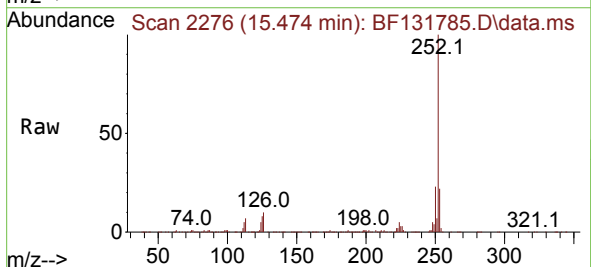
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BNA\_F  
ClientSampleId :  
COMP-1MSD

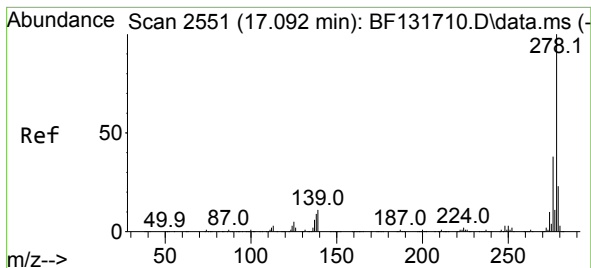
Tgt Ion:252 Resp: 502045  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 7.4 5.2 7.8



#90  
Benzo(a)pyrene  
Concen: 48.829 ng  
RT: 15.474 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: BF131785.D  
Acq: 22 Dec 2022 19:39

Tgt Ion:252 Resp: 435572  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 8.0 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 51.395 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Instrument :

BNA\_F

ClientSampleId :

COMP-1MSD

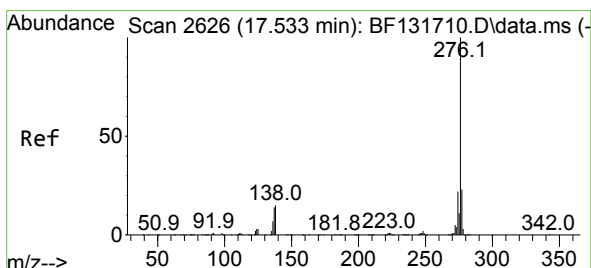
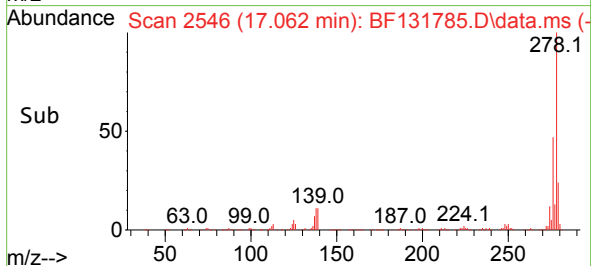
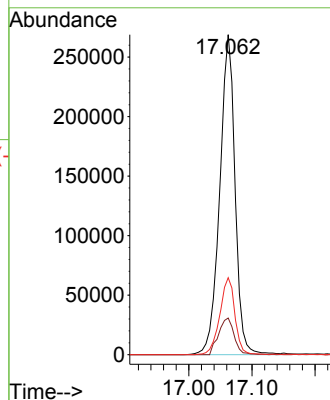
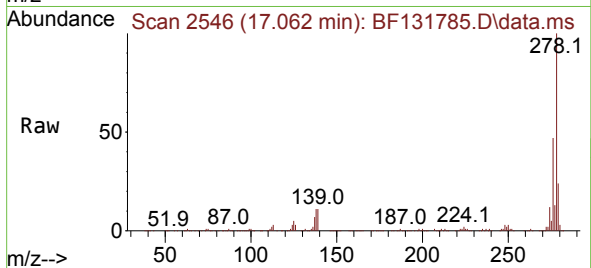
Tgt Ion:278 Resp: 454103

Ion Ratio Lower Upper

278 100

139 11.4 8.7 13.1

279 24.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 53.090 ng

RT: 17.498 min Scan# 2620

Delta R.T. -0.000 min

Lab File: BF131785.D

Acq: 22 Dec 2022 19:39

Tgt Ion:276 Resp: 463641

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 15.2 12.3 18.5

