

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082724\  
 Data File : BF139171.D  
 Acq On : 26 Aug 2024 19:08  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Aug 27 01:45:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 01:37:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 108304   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 379289   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 209165   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 342507   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 168409   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 208569   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1021677  | 145.135 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.534  | 99   | 1350567  | 148.480 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 1254120  | 192.670 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 305987   | 161.595 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1916481  | 145.374 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1478501  | 145.673 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 232429   | 76.981  | ng    | 99       |
| 3) Pyridine                   | 3.440  | 79   | 523198   | 68.191  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 347479   | 74.970  | ng    | 100      |
| 6) Aniline                    | 6.557  | 93   | 141008   | 17.172  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.687  | 128  | 494266   | 72.999  | ng    | 99       |
| 9) Benzaldehyde               | 6.445  | 77   | 320677   | 60.112  | ng    | 98       |
| 10) Phenol                    | 6.545  | 94   | 675991   | 71.426  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.639  | 93   | 902391   | 118.562 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 591677   | 72.681  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 593815   | 72.955  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 546592   | 73.478  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 526873   | 73.288  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 736441   | 68.689  | ng    | 98       |
| 17) 2-Methylphenol            | 7.151  | 107  | 434315   | 74.979  | ng    | 99       |
| 18) Hexachloroethane          | 7.410  | 117  | 209510   | 73.404  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 407250   | 68.178  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.310  | 107  | 532139   | 70.905  | ng    | 95       |
| 22) Acetophenone              | 7.310  | 105  | 724449   | 74.806  | ng    | # 94     |
| 24) Nitrobenzene              | 7.486  | 77   | 653533   | 90.328  | ng    | 98       |
| 25) Isophorone                | 7.722  | 82   | 1054226  | 76.200  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.798  | 139  | 226310   | 108.953 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.833  | 122  | 331273   | 75.510  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 591743   | 73.200  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 419869   | 76.820  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 483670   | 75.575  | ng    | 100      |
| 31) Naphthalene               | 8.204  | 128  | 1437155  | 74.772  | ng    | 99       |
| 32) Benzoic acid              | 7.975  | 122  | 309986   | 97.864  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.269  | 127  | 510196   | 77.507  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 315794   | 75.537  | ng    | 99       |
| 35) Caprolactam               | 8.639  | 113  | 127959   | 73.844  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 467724   | 77.288  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 900000   | 73.002  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 874471   | 73.494  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 461350   | 72.428  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 171665   | 77.999  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 312775   | 80.938  | ng    | 100      |

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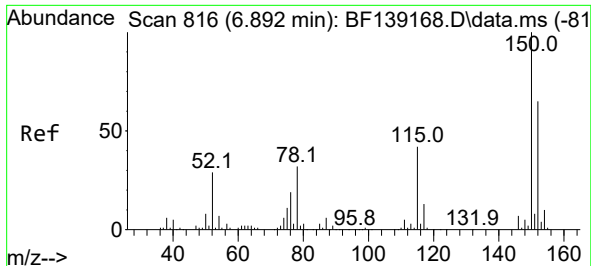
Quant Time: Aug 27 01:45:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 01:37:31 2024  
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|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 310628   | 78.310  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1110442  | 77.500  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 890443   | 76.484  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.475  | 65   | 301571   | 110.073 | ng    | 99       |
| 49) Acenaphthylene            | 9.798  | 152  | 1252510  | 75.102  | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 952484   | 73.761  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 216175   | 100.564 | ng    | 93       |
| 52) Acenaphthene              | 9.969  | 154  | 848427   | 77.014  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.886  | 138  | 216672   | 97.246  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 97467    | 126.515 | ng    | # 78     |
| 55) Dibenzofuran              | 10.139 | 168  | 1183616  | 73.970  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 173427   | 88.851  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 277121   | 106.057 | ng    | 97       |
| 58) Fluorene                  | 10.480 | 166  | 933394   | 72.991  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 253928   | 79.729  | ng    | 98       |
| 60) Diethylphthalate          | 10.357 | 149  | 892806   | 69.780  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 454989   | 71.240  | ng    | 100      |
| 62) 4-Nitroaniline            | 10.504 | 138  | 211678   | 92.222  | ng    | 99       |
| 63) Azobenzene                | 10.633 | 77   | 1030308  | 72.463  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 130658   | 119.795 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 778629   | 76.830  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 284742   | 78.456  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 305907   | 78.566  | ng    | 99       |
| 69) Atrazine                  | 11.116 | 200  | 141723   | 45.789  | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 204155   | 82.083  | ng    | 98       |
| 71) Phenanthrene              | 11.445 | 178  | 1273504  | 73.152  | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1251250  | 73.493  | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1088775  | 68.485  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1047041  | 56.799  | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 1134279  | 61.045  | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 359654   | 103.387 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1112478  | 79.157  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 272596   | 56.065  | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 875623   | 79.095  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 256454   | 82.876  | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 765097   | 76.247  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 328738   | 51.000  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 674318   | 74.536  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 1118712  | 91.648  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 923679   | 67.931  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 844155   | 74.539  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 822204   | 76.525  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.039 | 278  | 907667   | 90.584  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 926678   | 91.736  | ng    | 100      |

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

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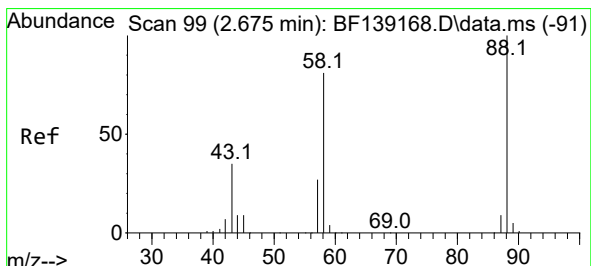
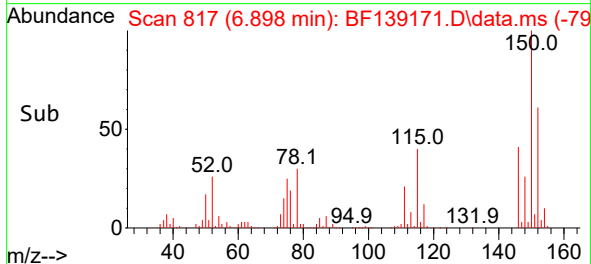
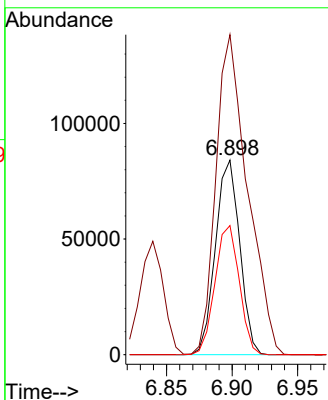
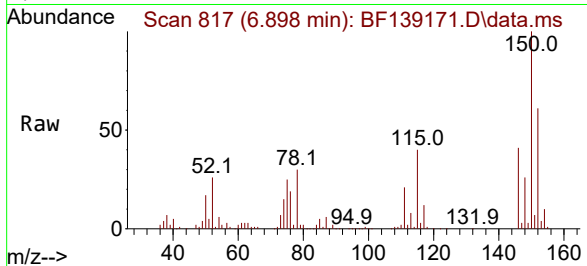




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

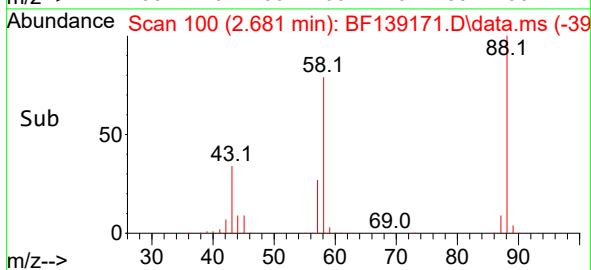
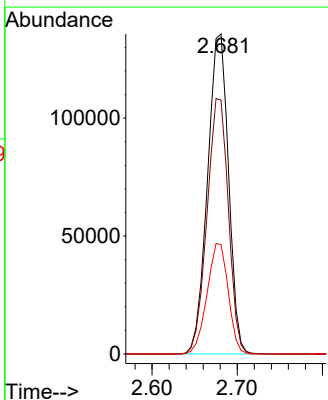
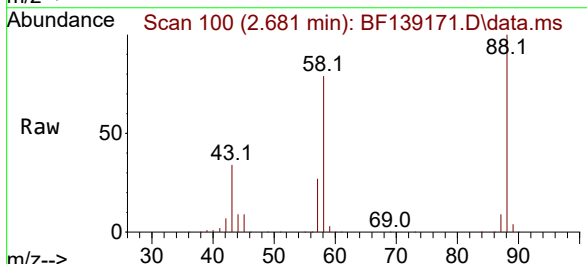
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

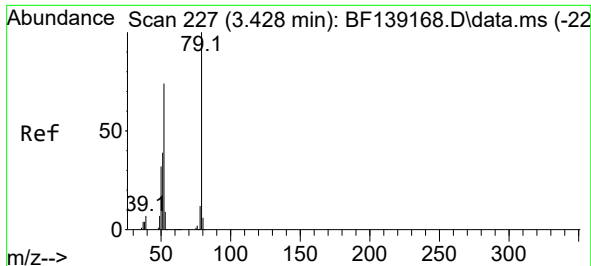
Tgt Ion:152 Resp: 108304  
Ion Ratio Lower Upper  
152 100  
150 164.5 123.7 185.5  
115 66.4 51.8 77.8



#2  
1,4-Dioxane  
Concen: 76.981 ng  
RT: 2.681 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion: 88 Resp: 232429  
Ion Ratio Lower Upper  
88 100  
58 81.0 65.0 97.6  
43 34.8 28.4 42.6





#3

Pyridine

Concen: 68.191 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

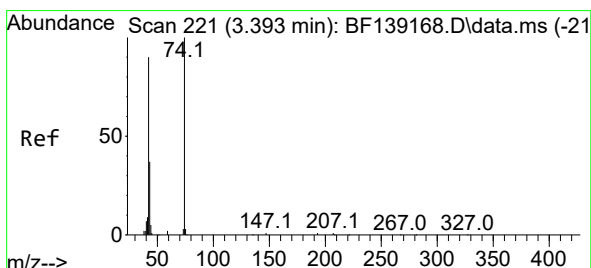
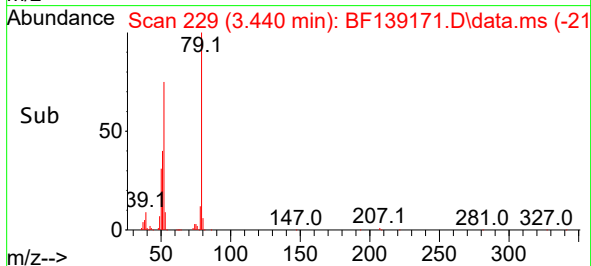
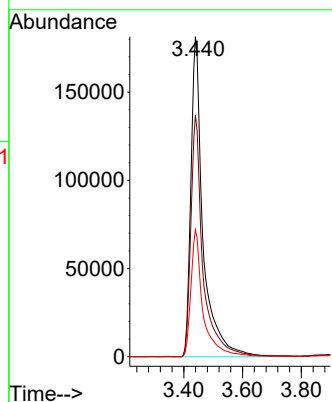
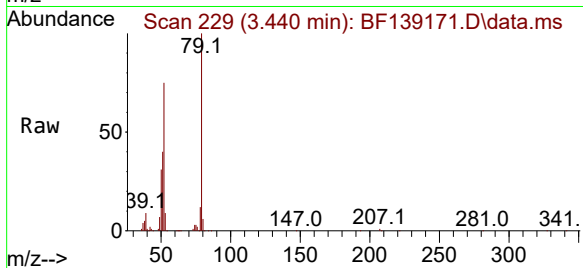
Tgt Ion: 79 Resp: 523198

Ion Ratio Lower Upper

79 100

52 75.5 59.5 89.3

51 39.6 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 74.970 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.023 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

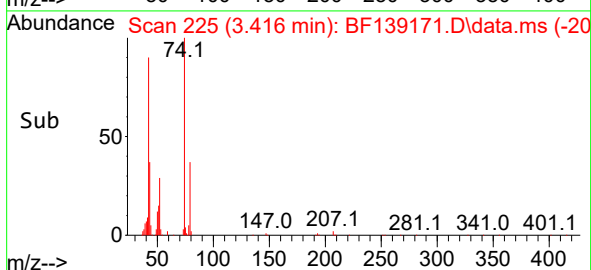
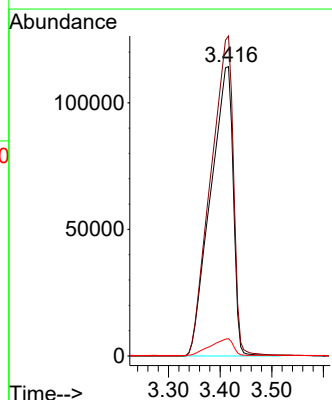
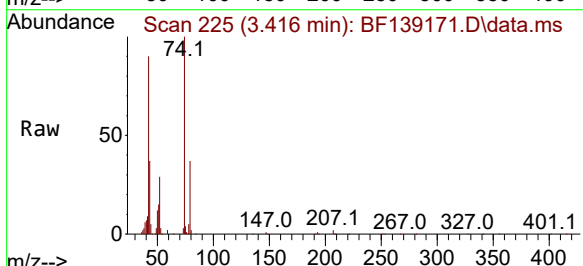
Tgt Ion: 42 Resp: 347479

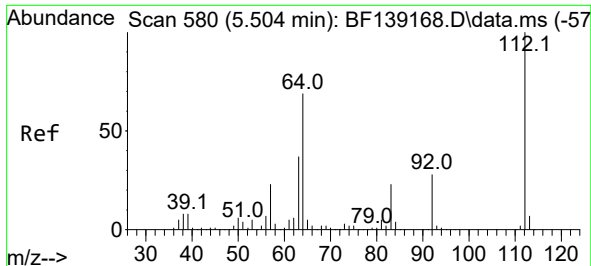
Ion Ratio Lower Upper

42 100

74 110.6 88.6 132.8

44 6.0 5.0 7.4

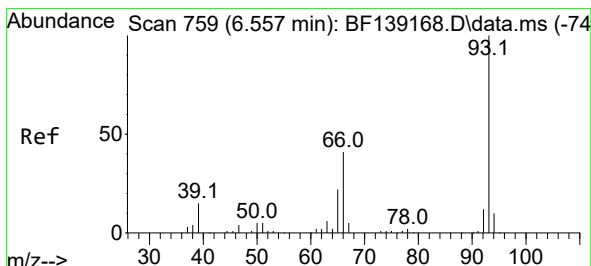
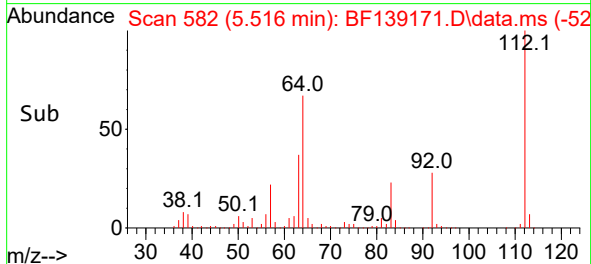
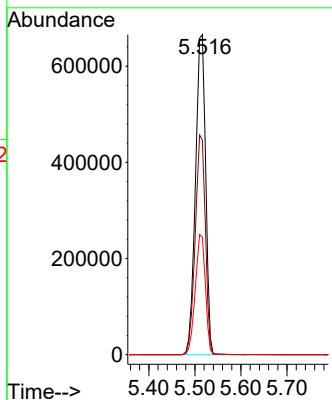
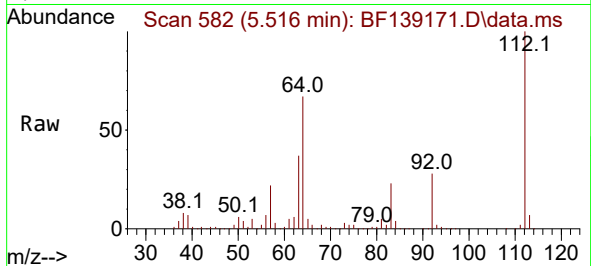




#5  
2-Fluorophenol  
Concen: 145.135 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

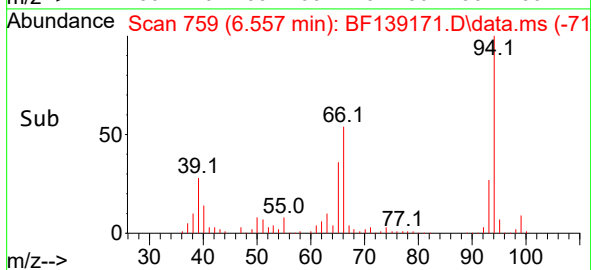
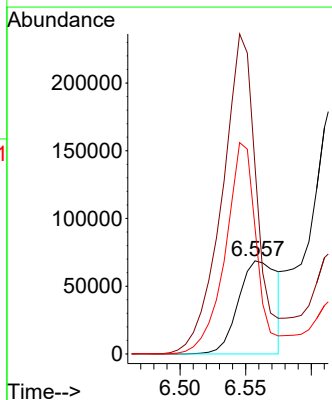
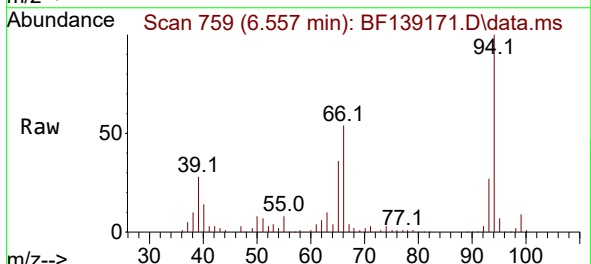
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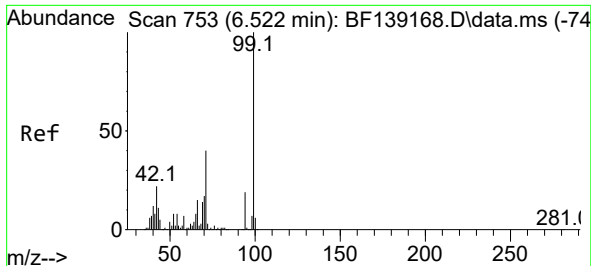
Tgt Ion:112 Resp: 1021677  
Ion Ratio Lower Upper  
112 100  
64 67.1 55.5 83.3  
63 36.8 29.8 44.6



#6  
Aniline  
Concen: 17.172 ng  
RT: 6.557 min Scan# 759  
Delta R.T. -0.029 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion: 93 Resp: 141008  
Ion Ratio Lower Upper  
93 100  
66 201.8 35.0 52.4#  
65 135.7 17.2 25.8#





#7

Phenol-d6

Concen: 148.480 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

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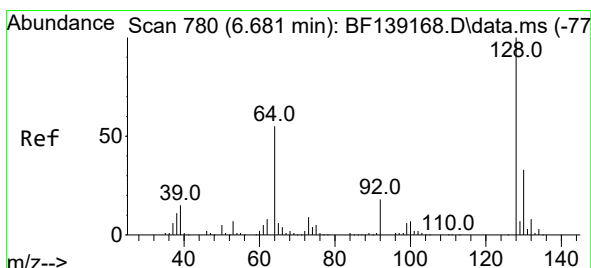
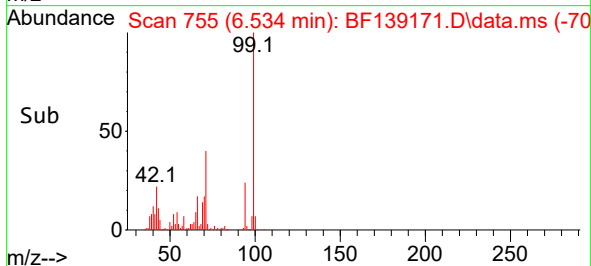
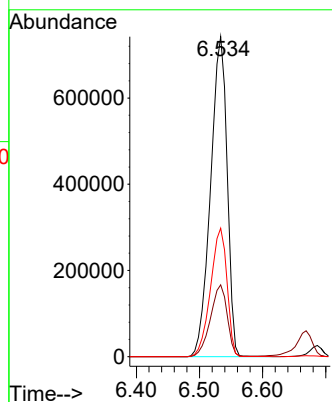
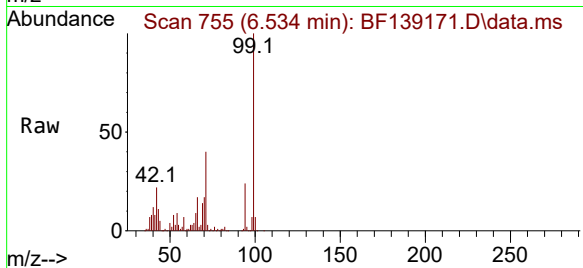
Tgt Ion: 99 Resp: 1350567

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 40.2 31.7 47.5



#8

2-Chlorophenol

Concen: 72.999 ng

RT: 6.687 min Scan# 781

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

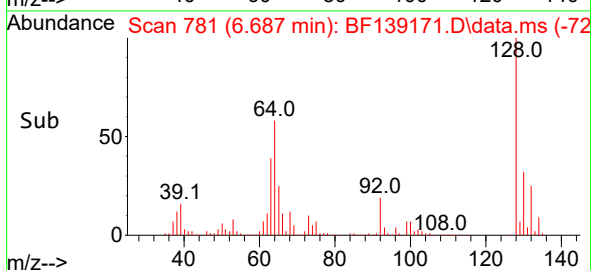
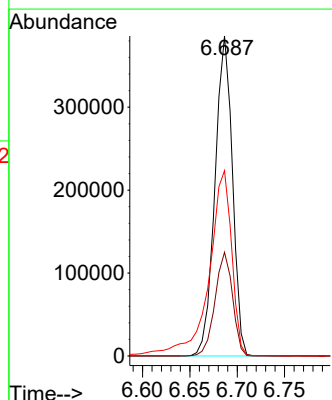
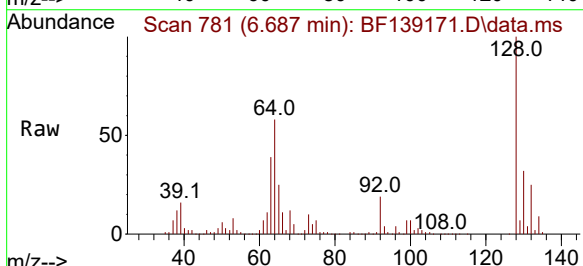
Tgt Ion:128 Resp: 494266

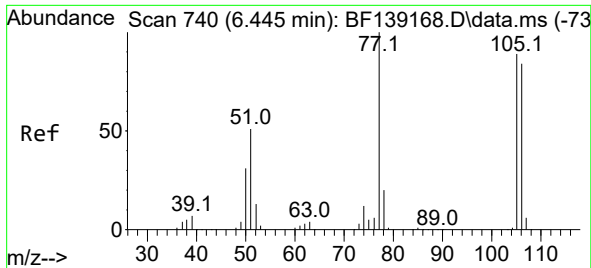
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 57.9 37.3 77.3





#9

Benzaldehyde

Concen: 60.112 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

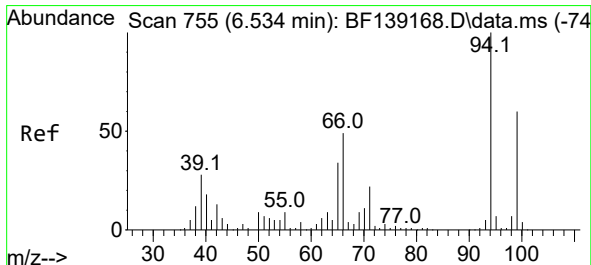
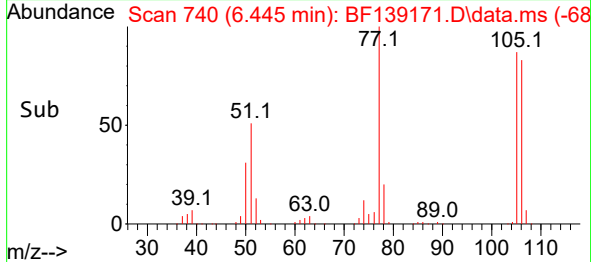
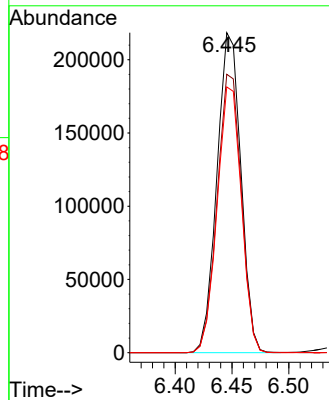
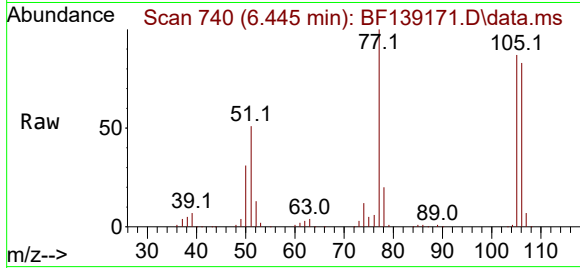
Tgt Ion: 77 Resp: 320677

Ion Ratio Lower Upper

77 100

105 87.0 68.7 108.7

106 83.0 64.2 104.2



#10

Phenol

Concen: 71.426 ng

RT: 6.545 min Scan# 757

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

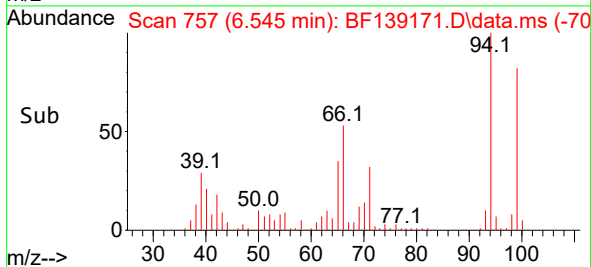
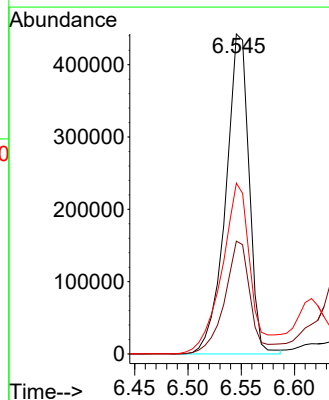
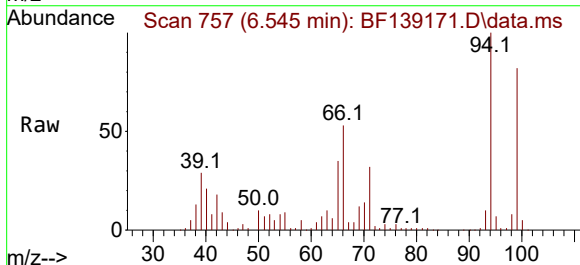
Tgt Ion: 94 Resp: 675991

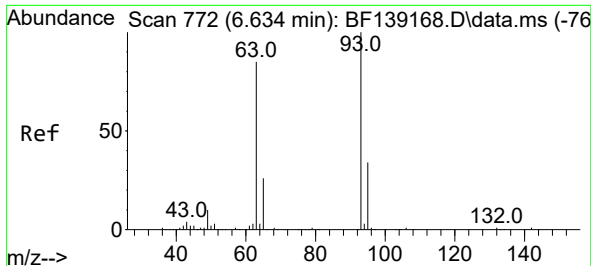
Ion Ratio Lower Upper

94 100

65 35.3 14.1 54.1

66 53.4 29.8 69.8

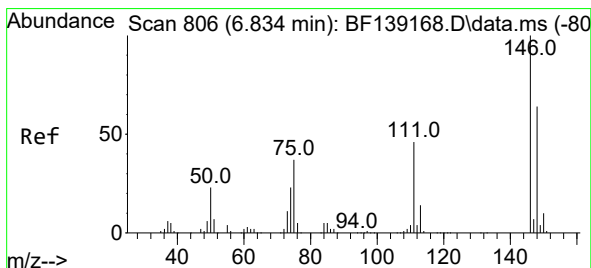
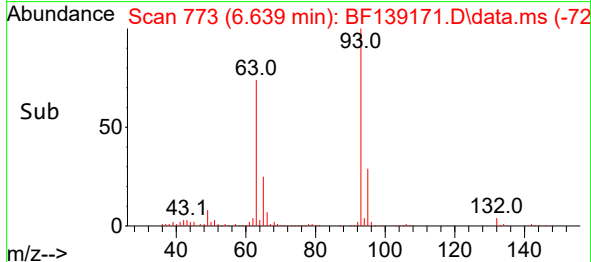
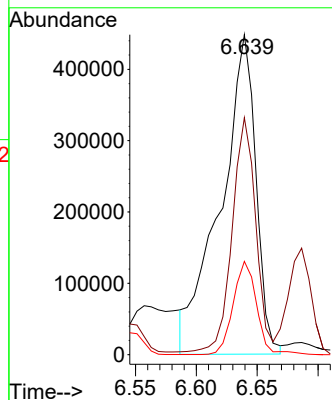
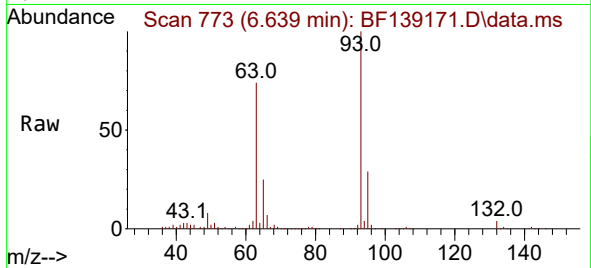




#11  
bis(2-Chloroethyl)ether  
Concen: 118.562 ng  
RT: 6.639 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

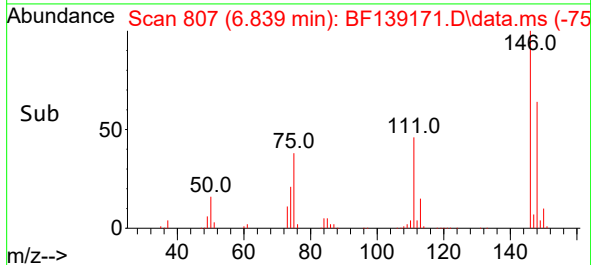
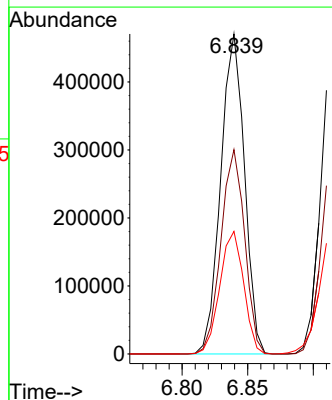
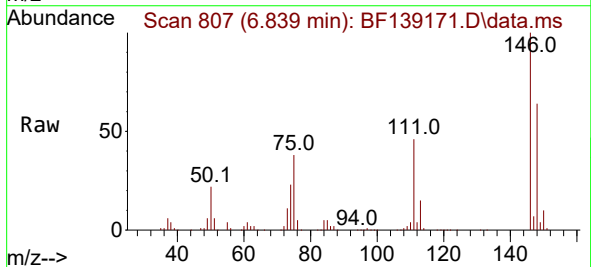
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

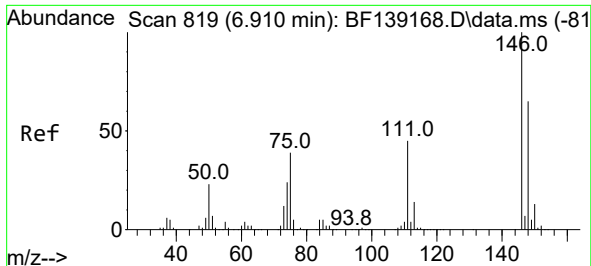
Tgt Ion: 93 Resp: 902391  
Ion Ratio Lower Upper  
93 100  
63 74.1 62.4 102.4  
95 29.2 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 72.681 ng  
RT: 6.839 min Scan# 807  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:146 Resp: 591677  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.2 76.8  
75 38.3 29.9 44.9

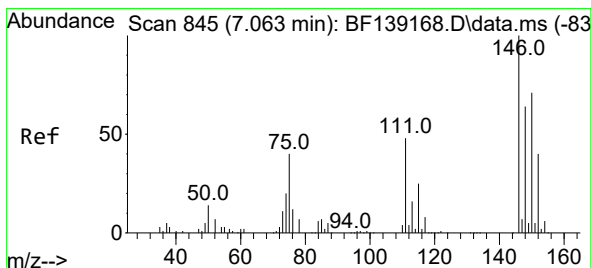
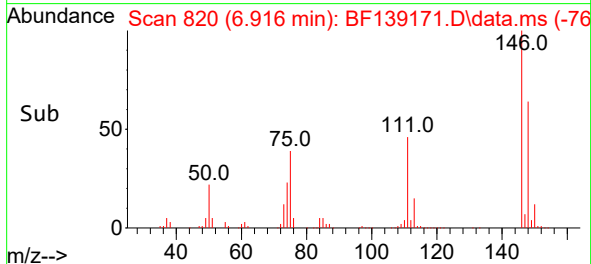
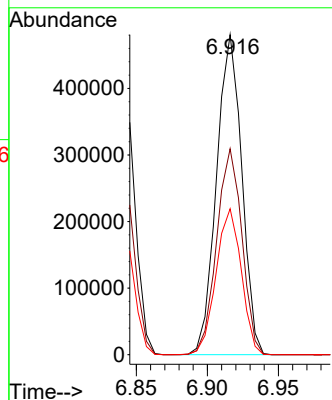
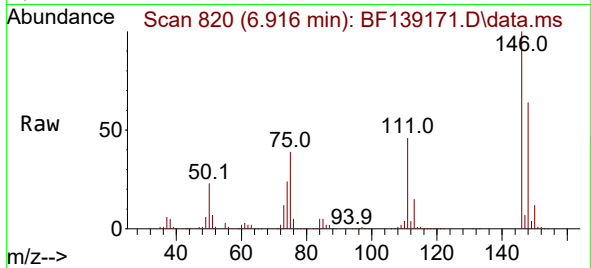




#13  
1,4-Dichlorobenzene  
Concen: 72.955 ng  
RT: 6.916 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

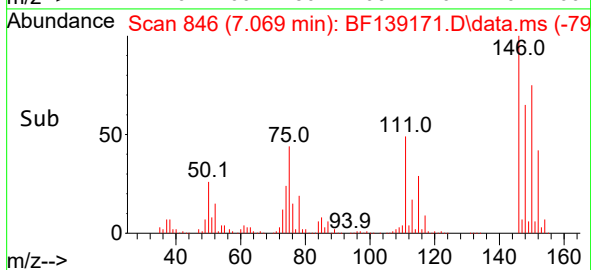
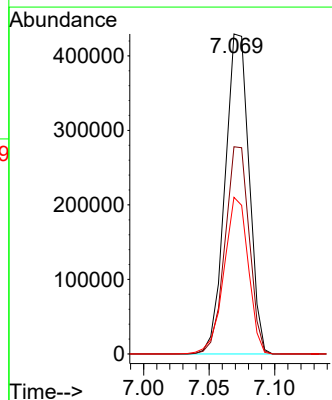
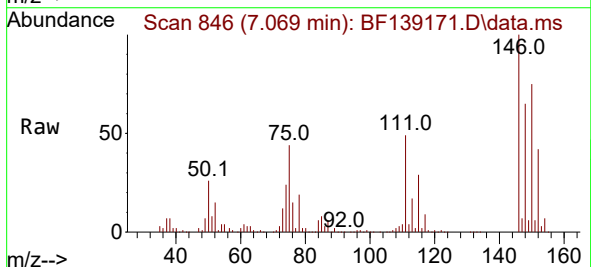
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

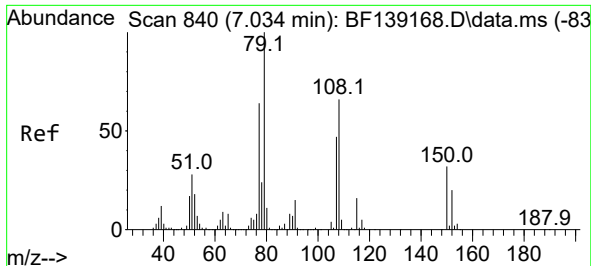
Tgt Ion:146 Resp: 593815  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
111 45.6 35.8 53.8



#14  
1,2-Dichlorobenzene  
Concen: 73.478 ng  
RT: 7.069 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:146 Resp: 546592  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.4 77.2  
111 48.9 38.6 58.0

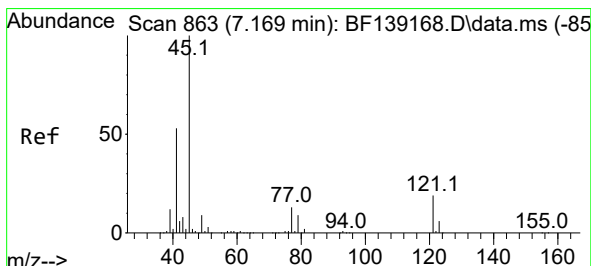
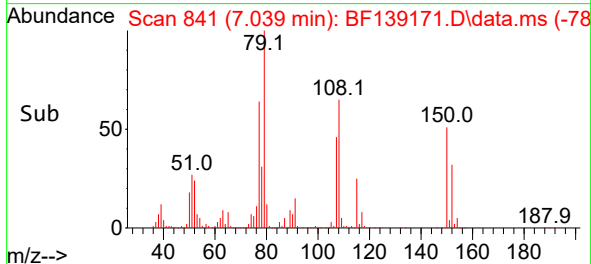
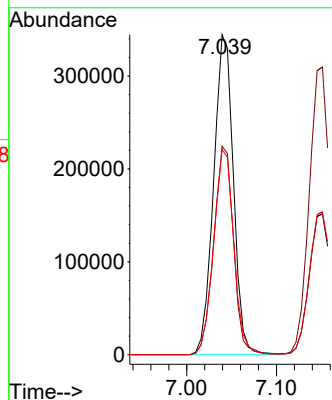
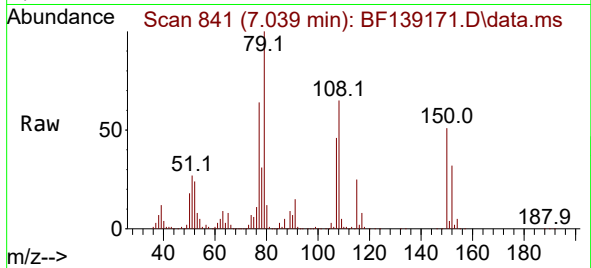




#15  
Benzyl Alcohol  
Concen: 73.288 ng  
RT: 7.039 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

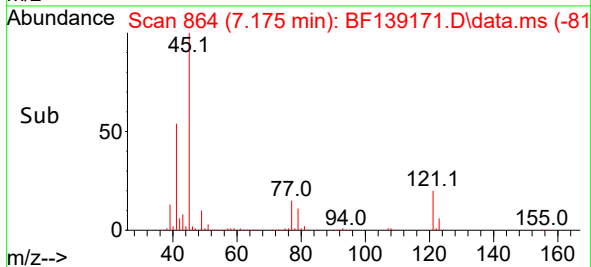
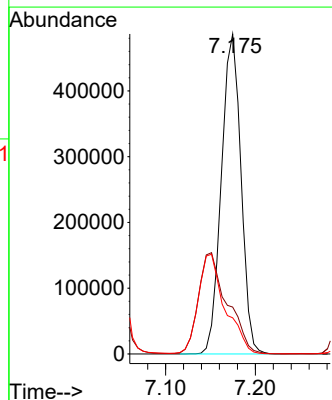
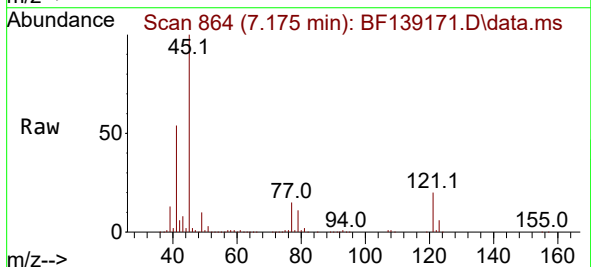
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

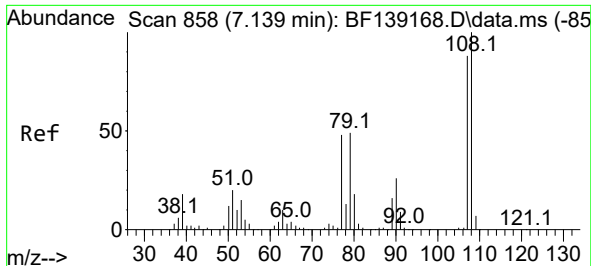
Tgt Ion: 79 Resp: 526873  
Ion Ratio Lower Upper  
79 100  
108 65.1 52.7 79.1  
77 64.1 51.2 76.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 68.689 ng  
RT: 7.175 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion: 45 Resp: 736441  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 33.9  
79 11.3 0.0 30.5

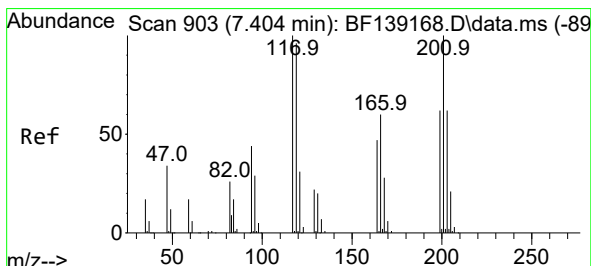
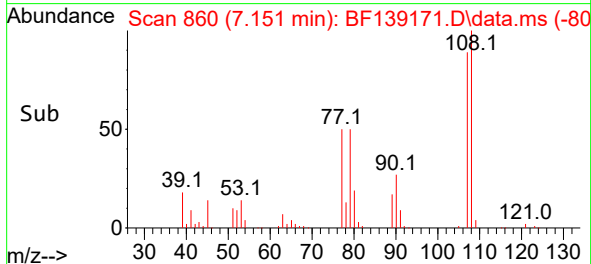
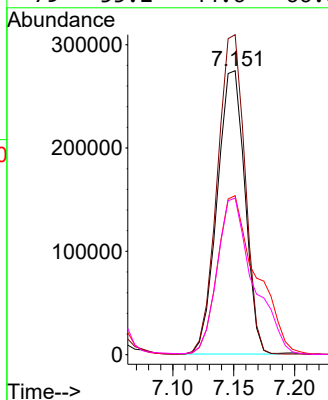
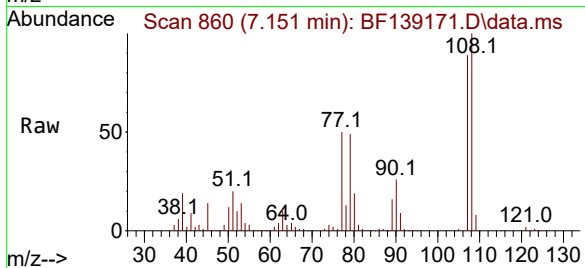




#17  
2-Methylphenol  
Concen: 74.979 ng  
RT: 7.151 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

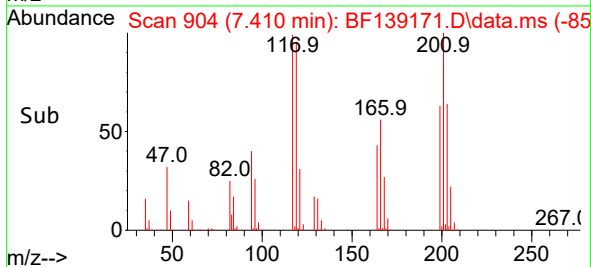
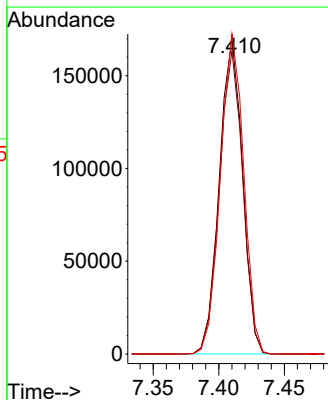
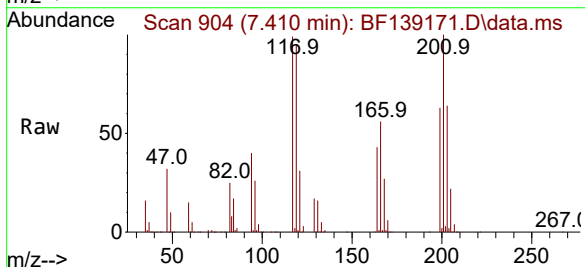
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

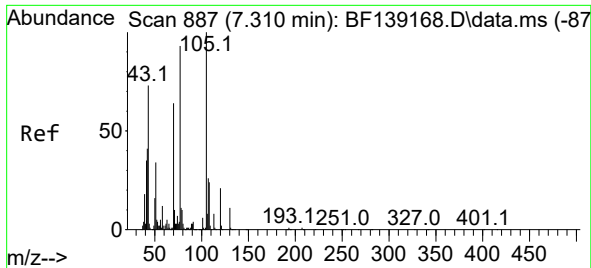
Tgt Ion:107 Resp: 434315  
Ion Ratio Lower Upper  
107 100  
108 112.7 91.4 137.0  
77 56.0 44.3 66.5  
79 55.2 44.6 66.8



#18  
Hexachloroethane  
Concen: 73.404 ng  
RT: 7.410 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:117 Resp: 209510  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.1 115.7  
201 101.4 79.7 119.5



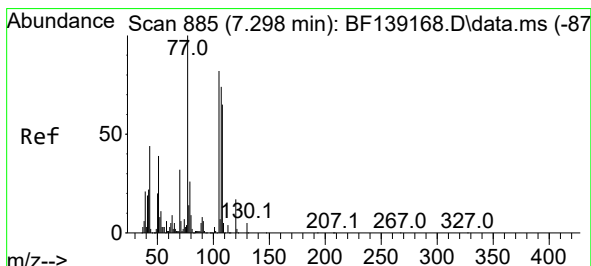
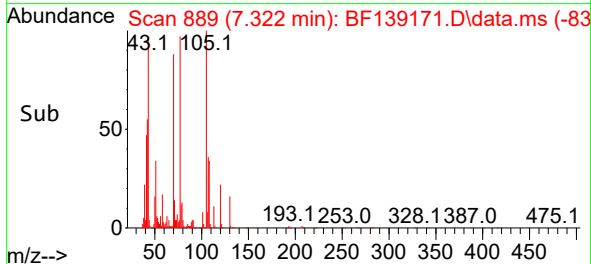
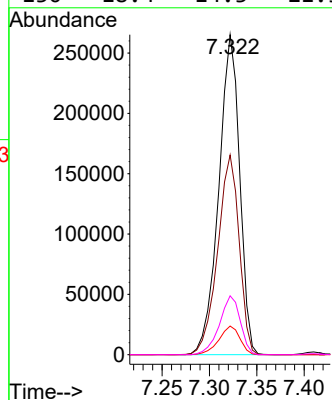
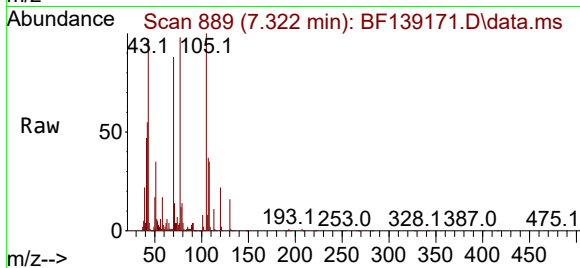


#19  
n-Nitroso-di-n-propylamine  
Concen: 68.178 ng  
RT: 7.322 min Scan# 889  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 70 Resp: 407250

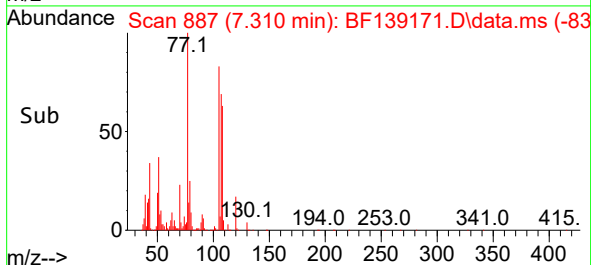
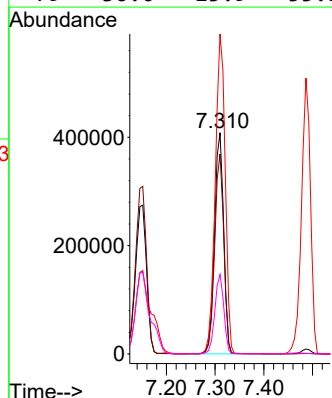
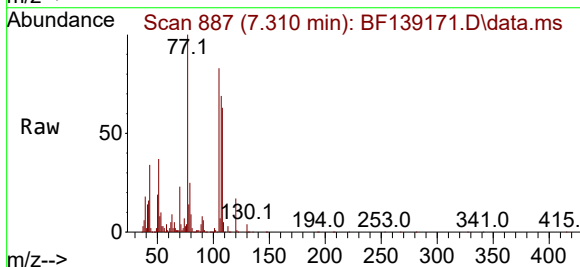
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 62.4  | 50.8  | 76.2  |
| 101 | 9.0   | 7.4   | 11.0  |
| 130 | 18.4  | 14.3  | 21.5  |

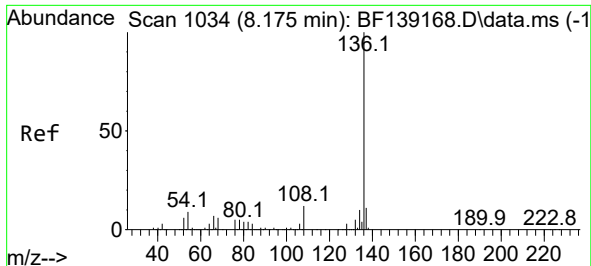


#20  
3+4-Methylphenols  
Concen: 70.905 ng  
RT: 7.310 min Scan# 887  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion: 107 Resp: 532139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.4  | 68.5  | 108.5 |
| 77  | 144.7 | 115.7 | 155.7 |
| 79  | 36.0  | 15.9  | 55.9  |

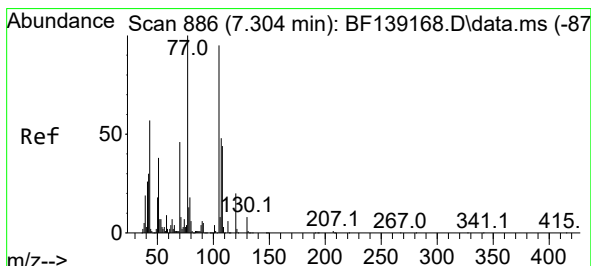
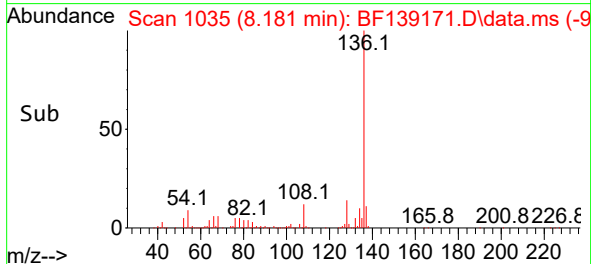
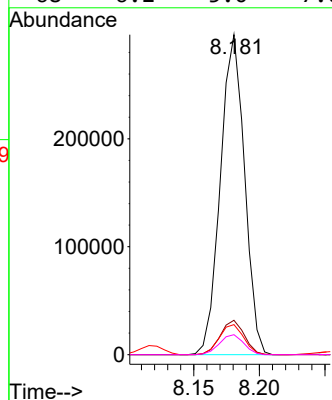
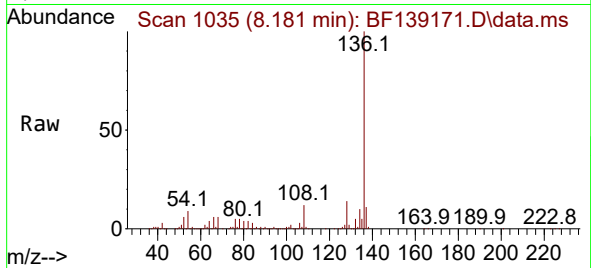




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1035  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

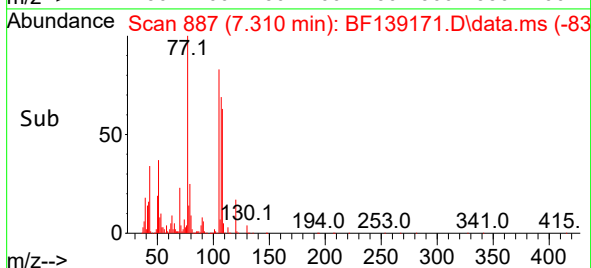
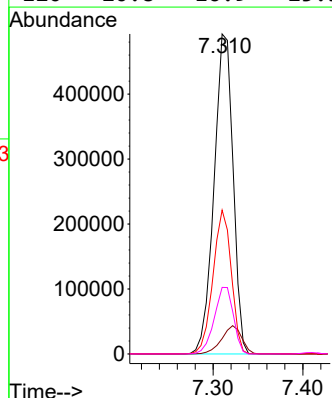
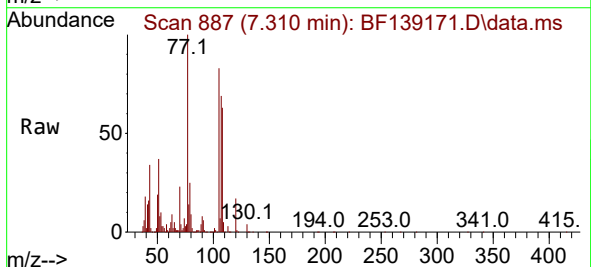
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

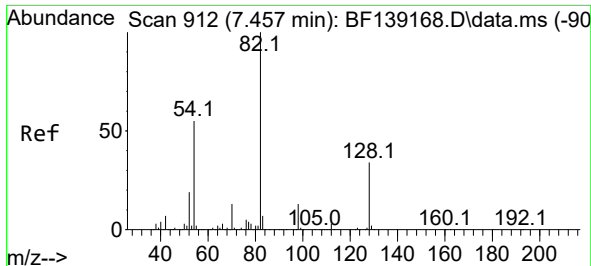
Tgt Ion:136 Resp: 379289  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 9.4 7.6 11.4  
68 6.2 5.0 7.6



#22  
Acetophenone  
Concen: 74.806 ng  
RT: 7.310 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:105 Resp: 724449  
Ion Ratio Lower Upper  
105 100  
71 4.8 6.5 9.7#  
51 45.0 31.8 47.6  
120 20.8 16.9 25.3





#23

Nitrobenzene-d5

Concen: 192.670 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

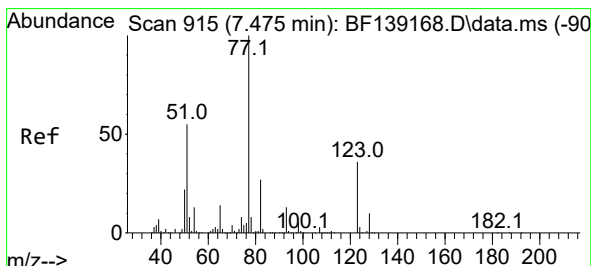
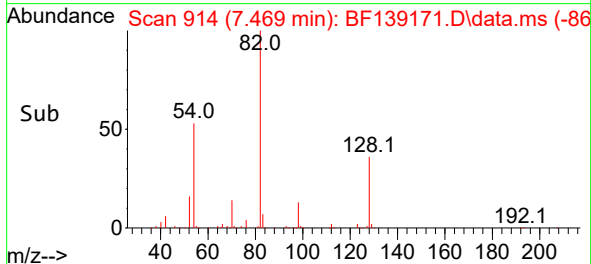
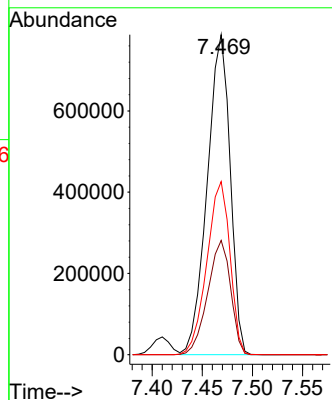
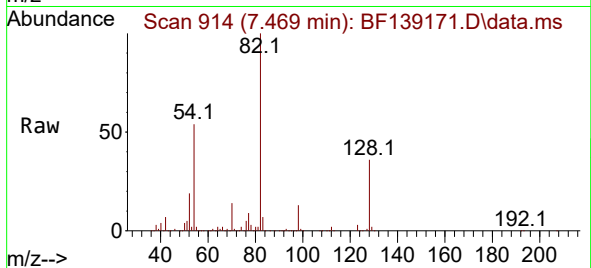
Tgt Ion: 82 Resp: 1254120

Ion Ratio Lower Upper

82 100

128 35.7 27.1 40.7

54 54.1 44.2 66.4



#24

Nitrobenzene

Concen: 90.328 ng

RT: 7.486 min Scan# 917

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

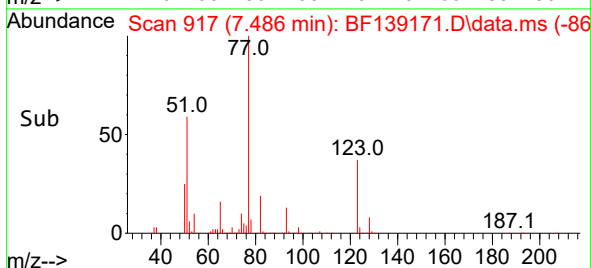
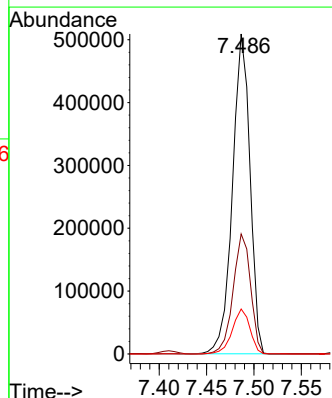
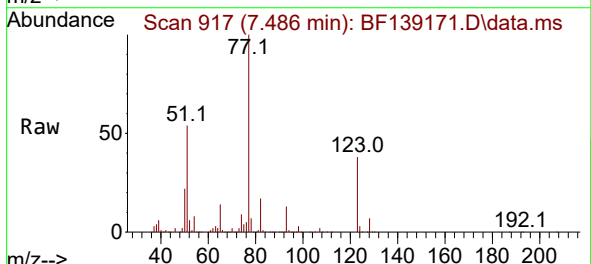
Tgt Ion: 77 Resp: 653533

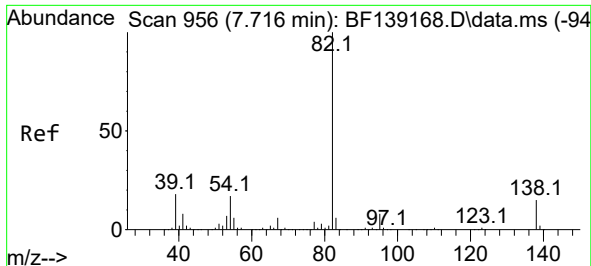
Ion Ratio Lower Upper

77 100

123 37.5 28.7 43.1

65 14.0 10.9 16.3

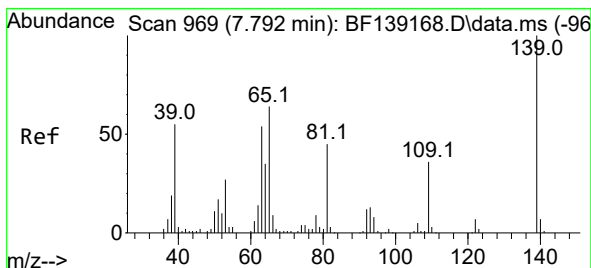
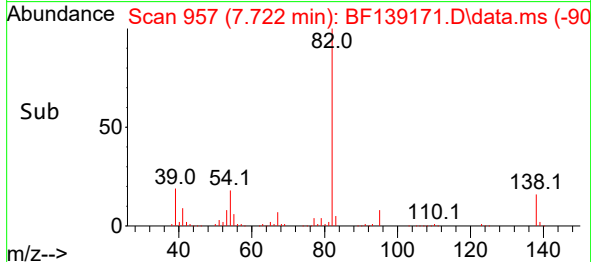
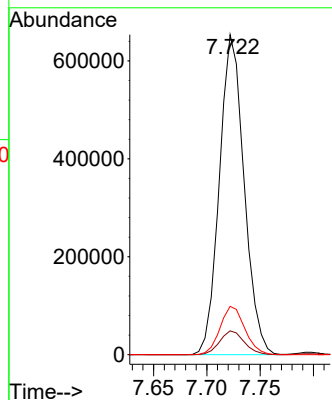
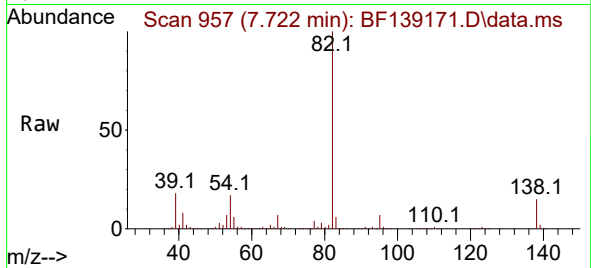




#25  
Isophorone  
Concen: 76.200 ng  
RT: 7.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

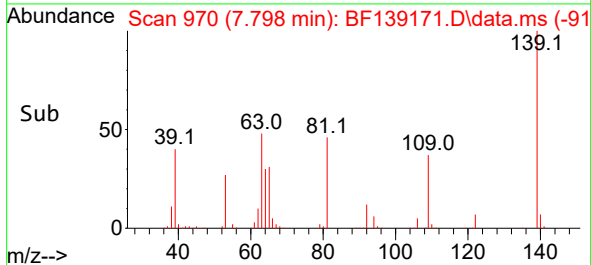
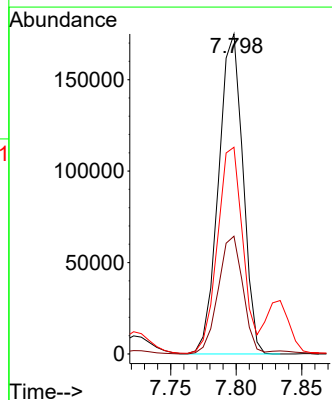
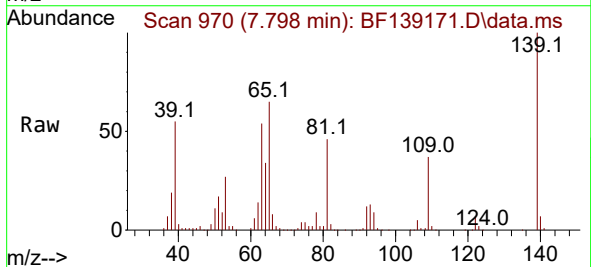
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

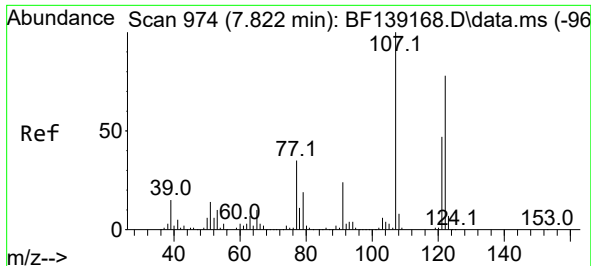
Tgt Ion: 82 Resp: 1054226  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.1 9.1  
138 15.1 12.2 18.4



#26  
2-Nitrophenol  
Concen: 108.953 ng  
RT: 7.798 min Scan# 970  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:139 Resp: 226310  
Ion Ratio Lower Upper  
139 100  
109 36.8 28.9 43.3  
65 64.6 51.1 76.7

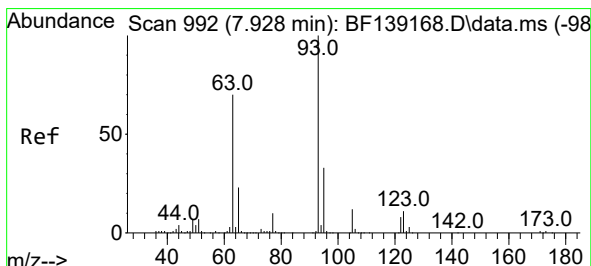
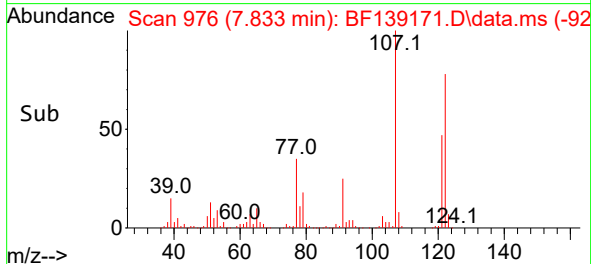
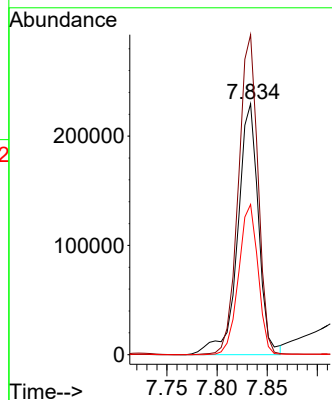
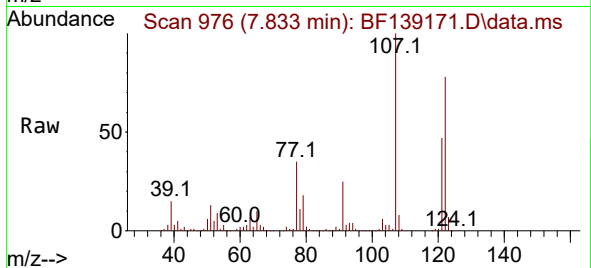




#27  
2,4-Dimethylphenol  
Concen: 75.510 ng  
RT: 7.833 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

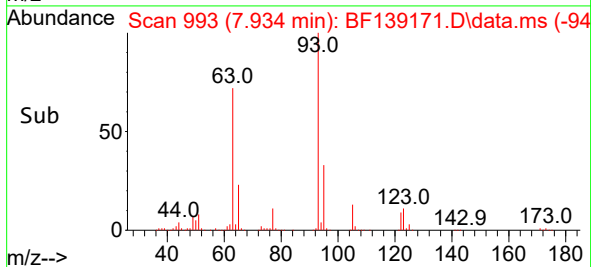
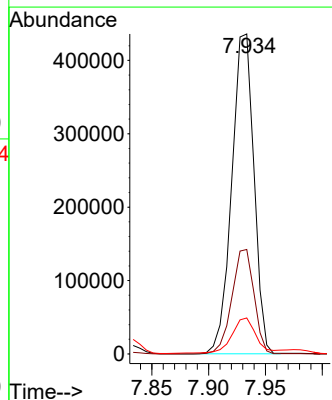
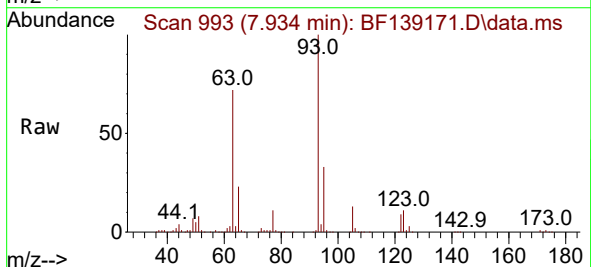
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

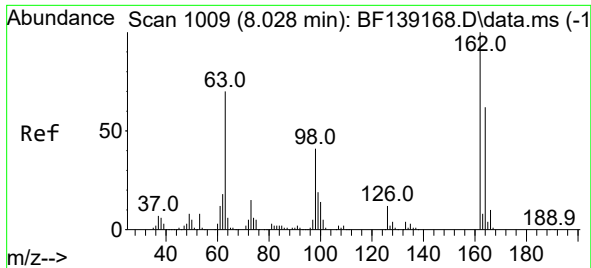
Tgt Ion:122 Resp: 331273  
Ion Ratio Lower Upper  
122 100  
107 127.5 102.1 153.1  
121 59.9 47.8 71.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 73.200 ng  
RT: 7.934 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion: 93 Resp: 591743  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.2 39.2  
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 76.820 ng

RT: 8.039 min Scan# 1011

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

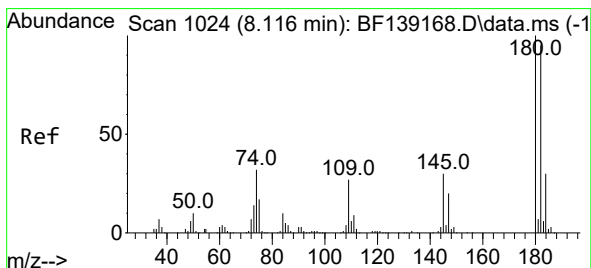
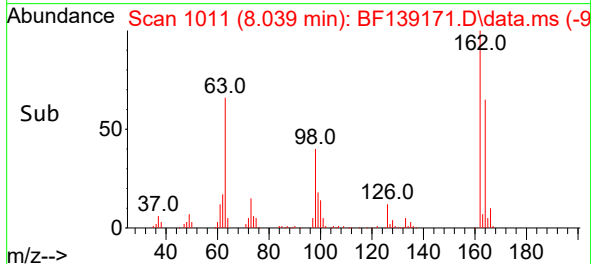
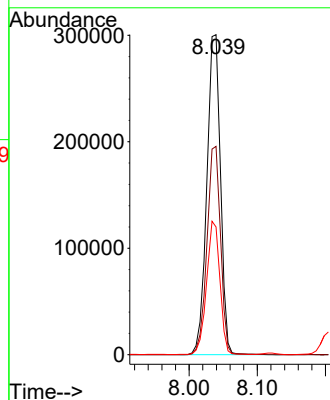
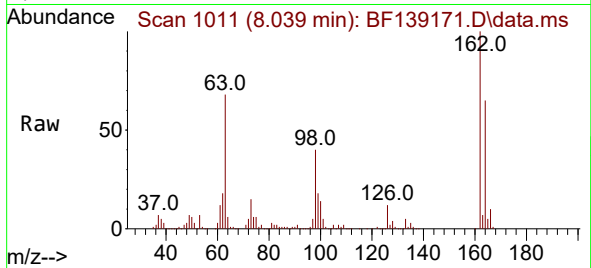
Tgt Ion:162 Resp: 419869

Ion Ratio Lower Upper

162 100

164 65.1 42.3 82.3

98 39.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 75.575 ng

RT: 8.122 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

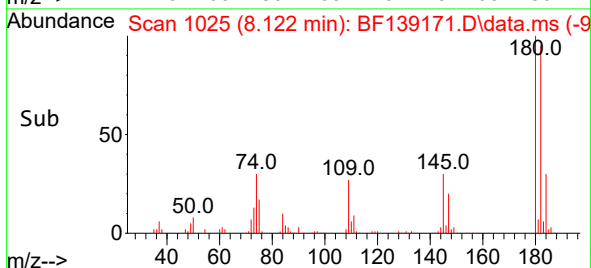
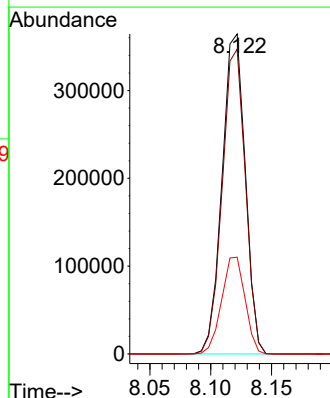
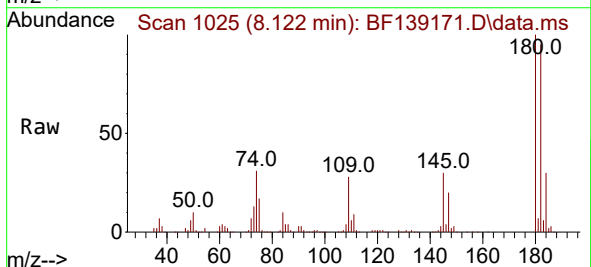
Tgt Ion:180 Resp: 483670

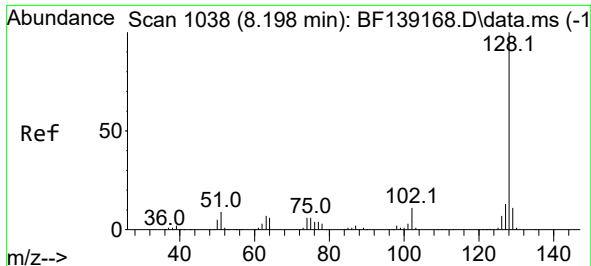
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 30.3 23.6 35.4

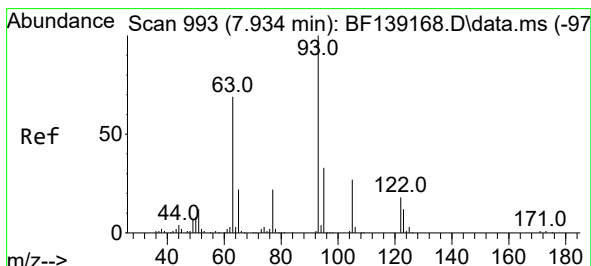
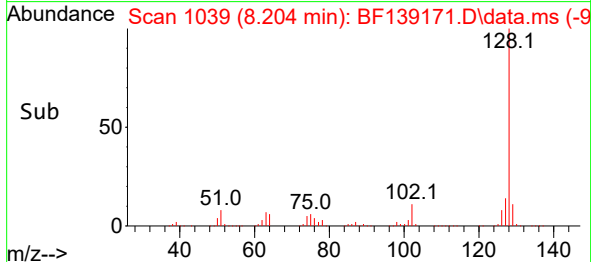
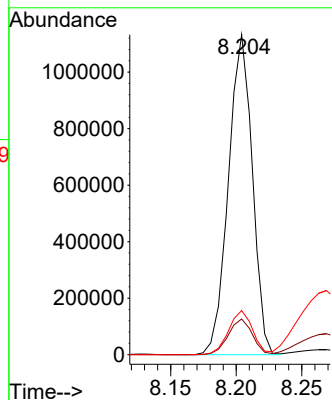
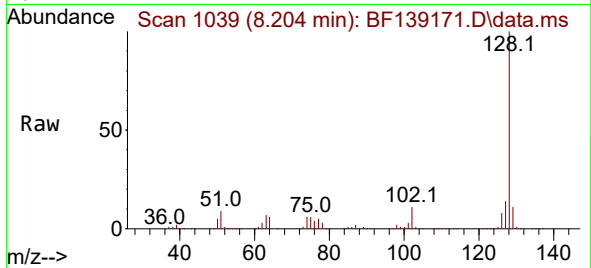




#31  
Naphthalene  
Concen: 74.772 ng  
RT: 8.204 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

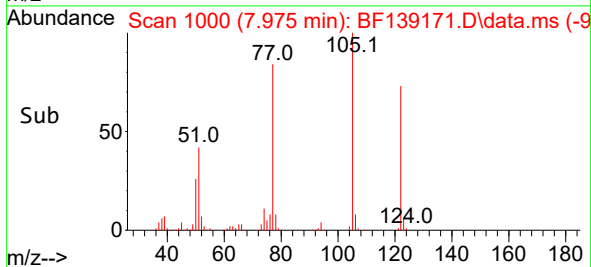
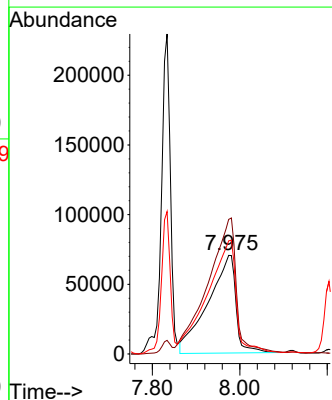
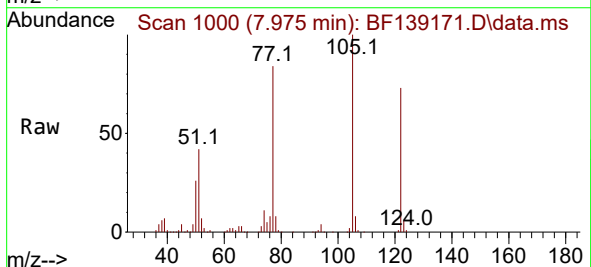
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

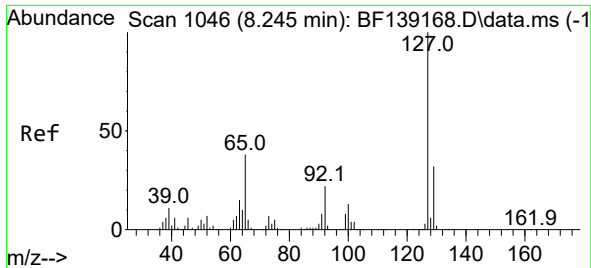
Tgt Ion:128 Resp: 1437155  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.8 10.7 16.1



#32  
Benzoic acid  
Concen: 97.864 ng  
RT: 7.975 min Scan# 1000  
Delta R.T. 0.041 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:122 Resp: 309986  
Ion Ratio Lower Upper  
122 100  
105 136.5 118.9 158.9  
77 114.6 96.4 136.4

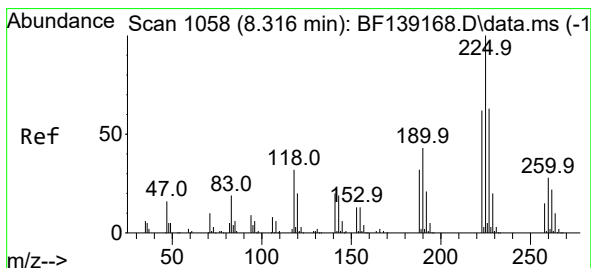
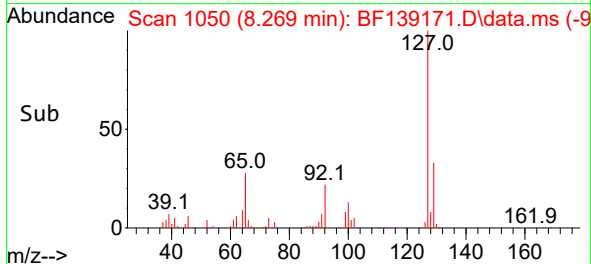
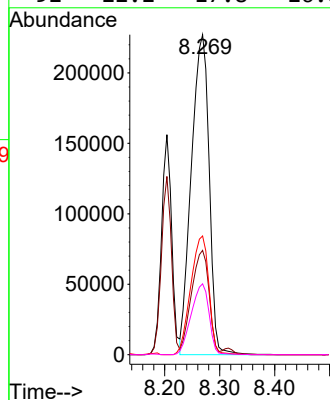
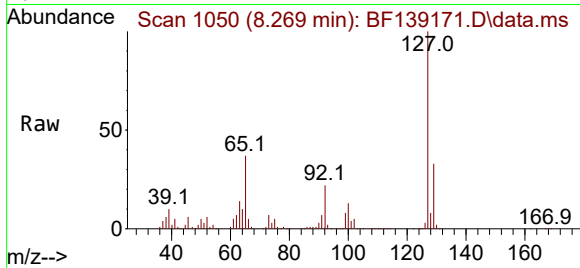




#33  
4-Chloroaniline  
Concen: 77.507 ng  
RT: 8.269 min Scan# 1050  
Delta R.T. 0.024 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

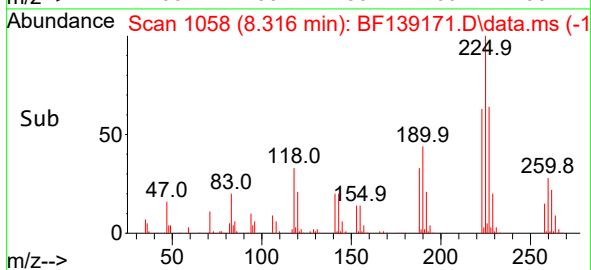
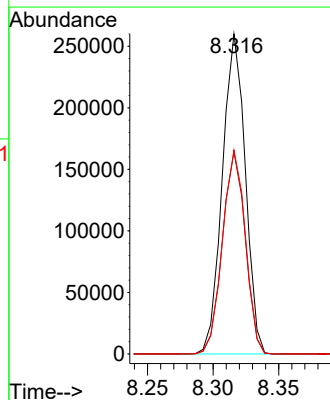
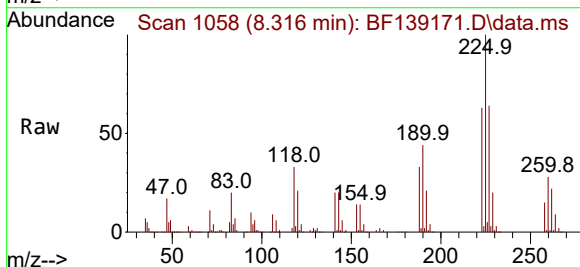
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

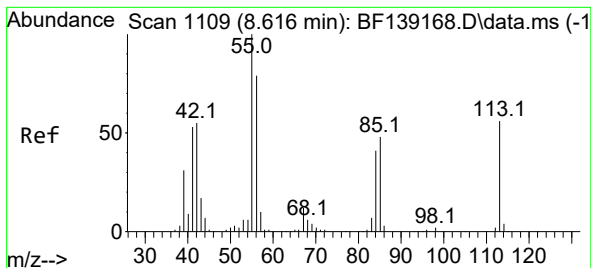
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 510196 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.7  | 38.5   |
| 65       | 37.1  | 30.8  | 46.2   |
| 92       | 22.2  | 17.8  | 26.8   |



#34  
Hexachlorobutadiene  
Concen: 75.537 ng  
RT: 8.316 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 315794 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.7  | 74.5   |
| 227      | 63.7  | 50.3  | 75.5   |





#35

Caprolactam

Concen: 73.844 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.024 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

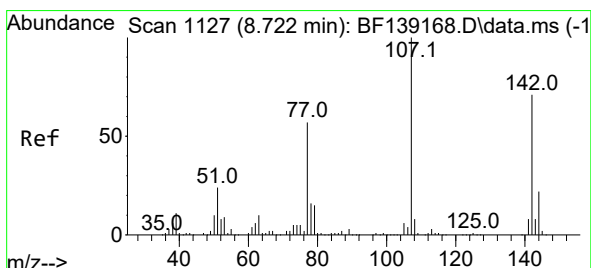
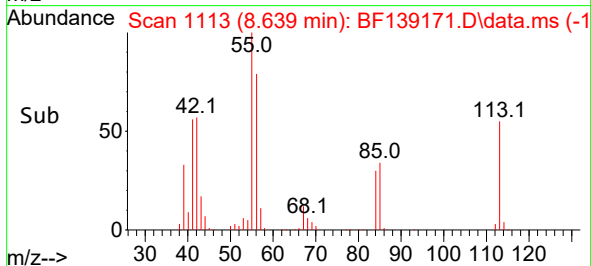
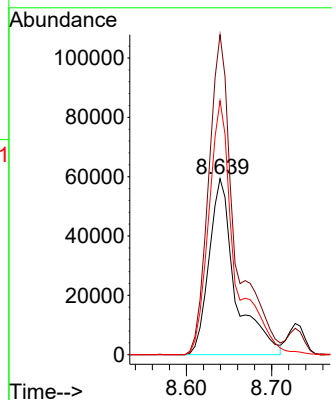
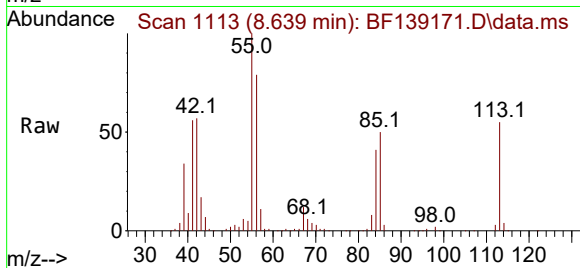
Tgt Ion:113 Resp: 127959

Ion Ratio Lower Upper

113 100

55 181.9 158.0 198.0

56 144.3 119.6 159.6



#36

4-Chloro-3-methylphenol

Concen: 77.288 ng

RT: 8.728 min Scan# 1128

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

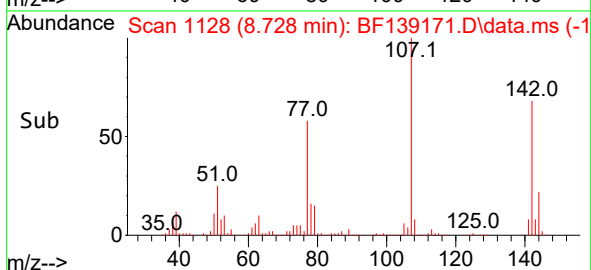
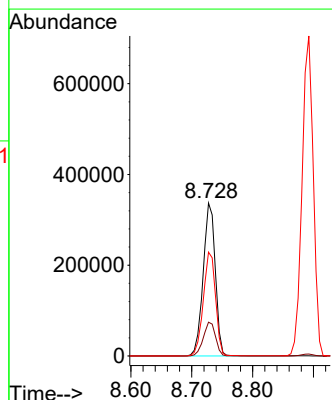
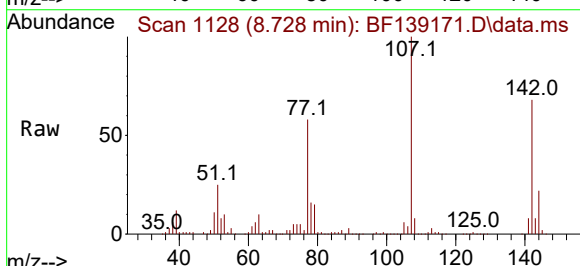
Tgt Ion:107 Resp: 467724

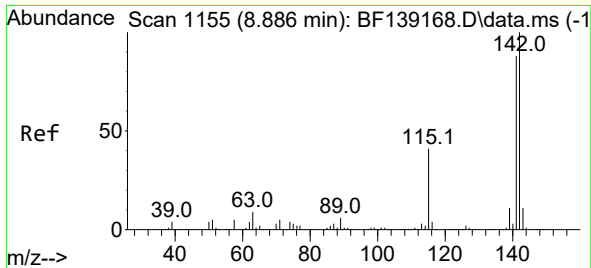
Ion Ratio Lower Upper

107 100

144 22.1 17.8 26.8

142 67.9 56.6 84.8

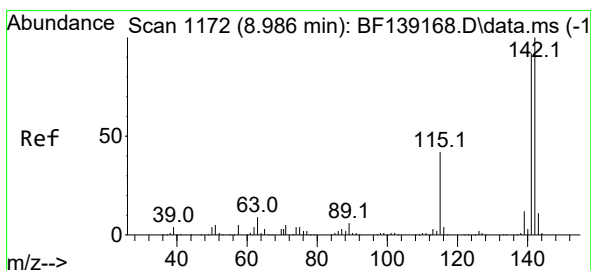
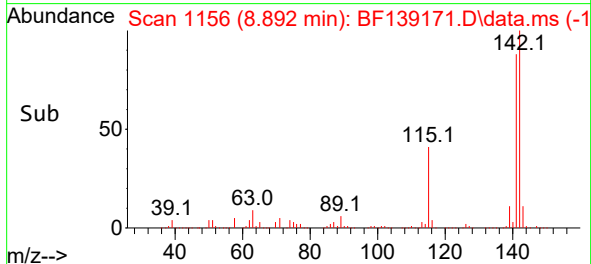
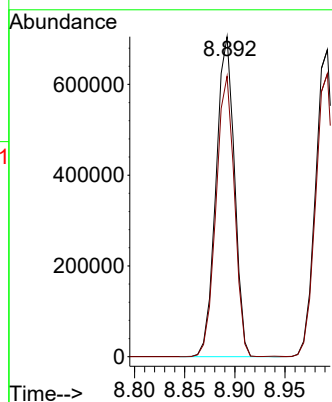
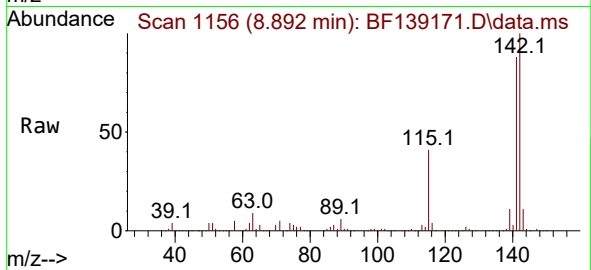




#37  
2-Methylnaphthalene  
Concen: 73.002 ng  
RT: 8.892 min Scan# 1155  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

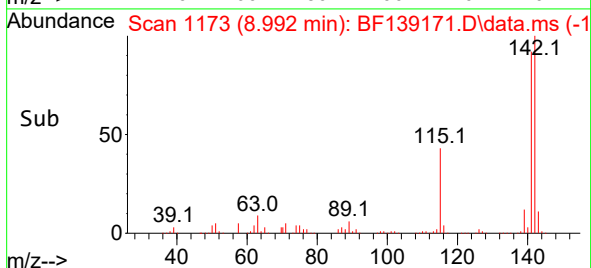
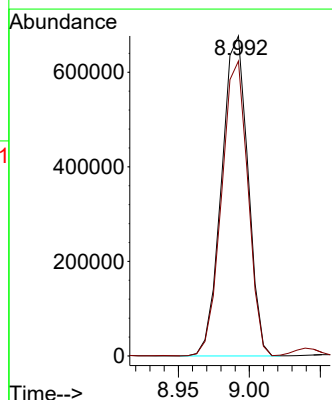
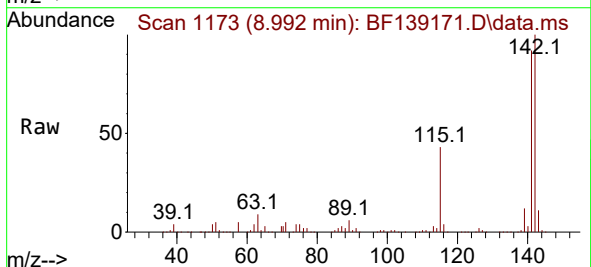
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

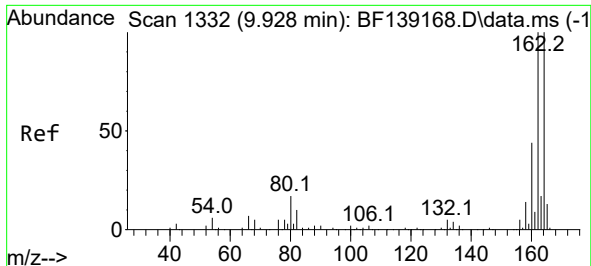
Tgt Ion:142 Resp: 900000  
Ion Ratio Lower Upper  
142 100  
141 87.7 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 73.494 ng  
RT: 8.992 min Scan# 1173  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:142 Resp: 874471  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

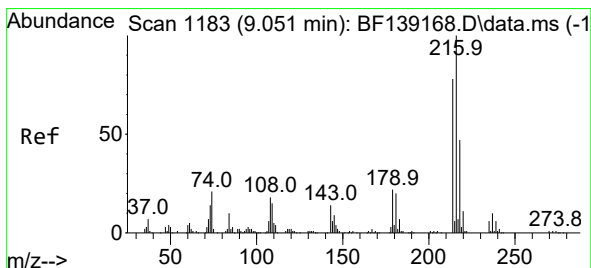
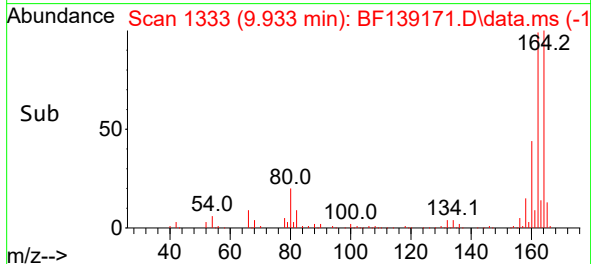
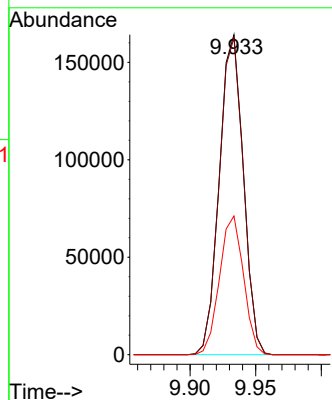
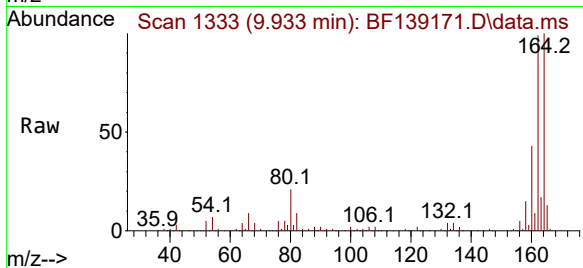
Tgt Ion:164 Resp: 209165

Ion Ratio Lower Upper

164 100

162 99.0 80.0 120.0

160 43.3 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 72.428 ng

RT: 9.057 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Tgt Ion:216 Resp: 461350

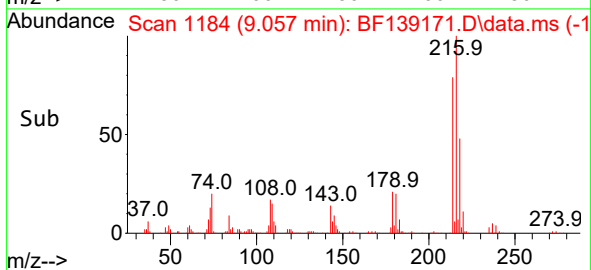
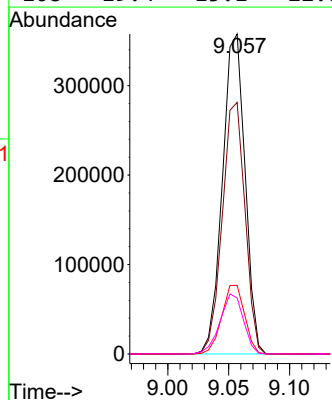
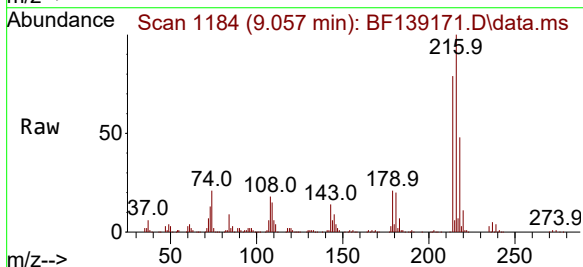
Ion Ratio Lower Upper

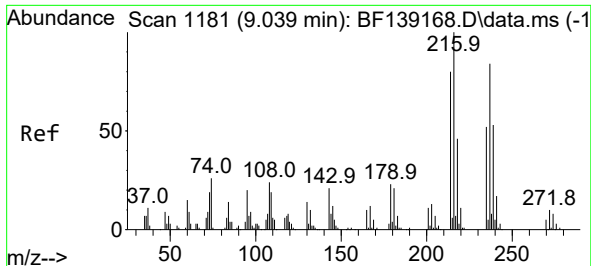
216 100

214 79.1 62.5 93.7

179 21.8 17.5 26.3

108 19.4 15.1 22.7

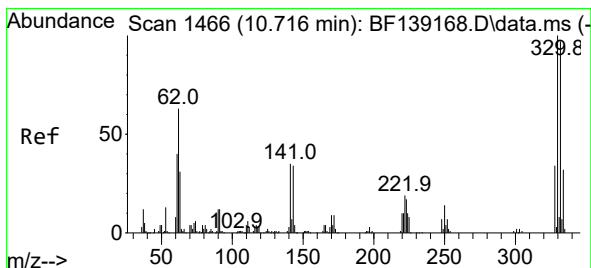
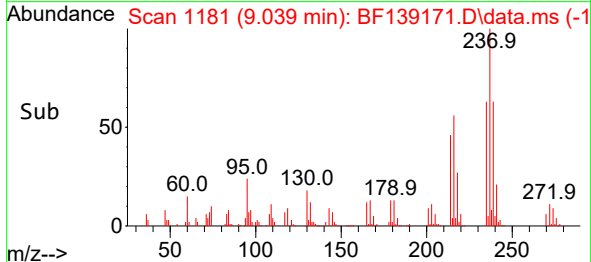
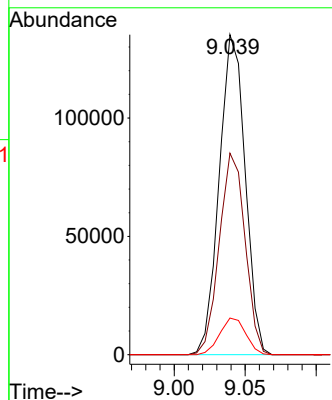
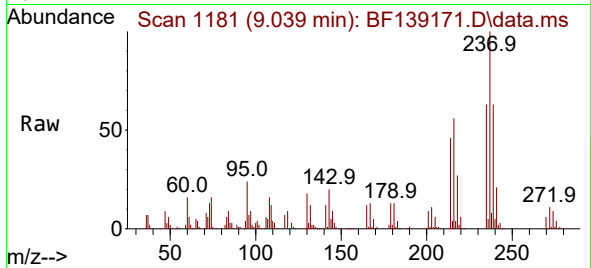




#41  
Hexachlorocyclopentadiene  
Concen: 77.999 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

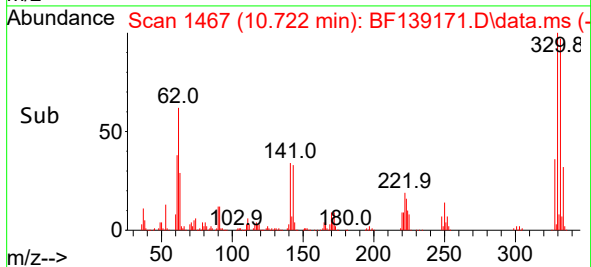
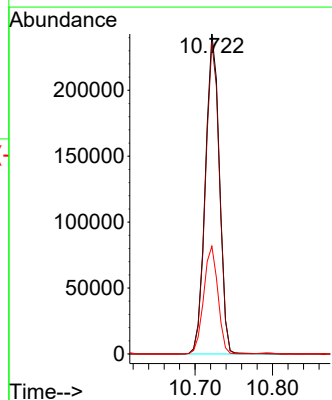
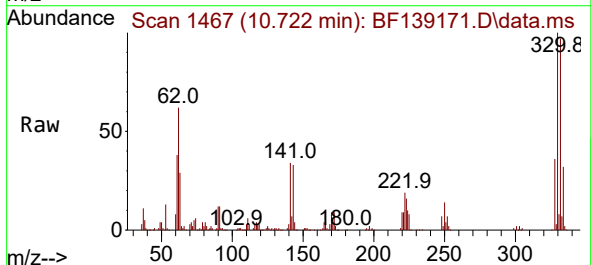
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

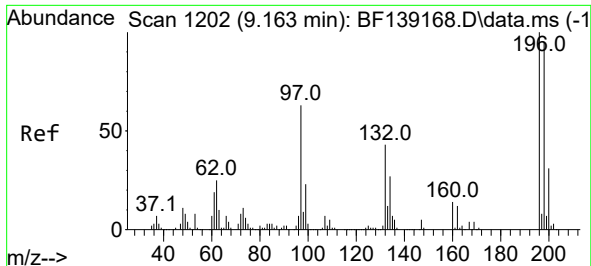
Tgt Ion:237 Resp: 171665  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.1 82.1  
272 11.5 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 161.595 ng  
RT: 10.722 min Scan# 1467  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:330 Resp: 305987  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.3 115.9  
141 33.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 80.938 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

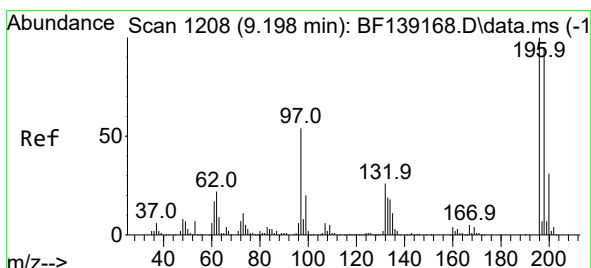
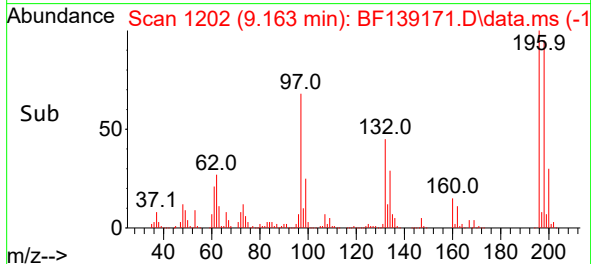
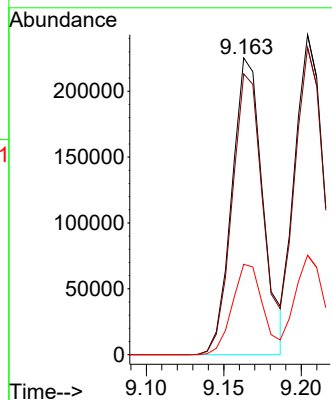
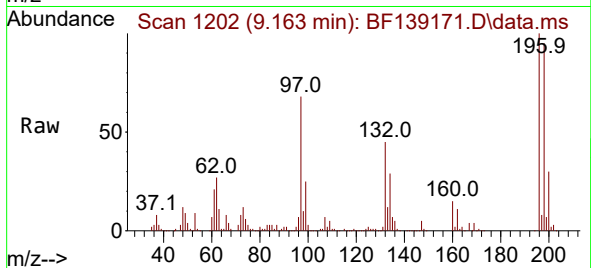
Tgt Ion:196 Resp: 312775

Ion Ratio Lower Upper

196 100

198 94.6 75.8 113.8

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 78.310 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Tgt Ion:196 Resp: 310628

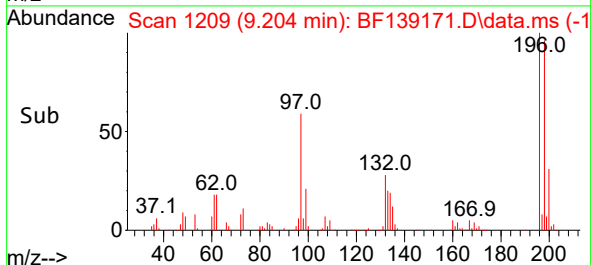
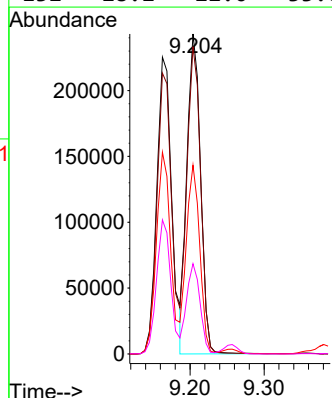
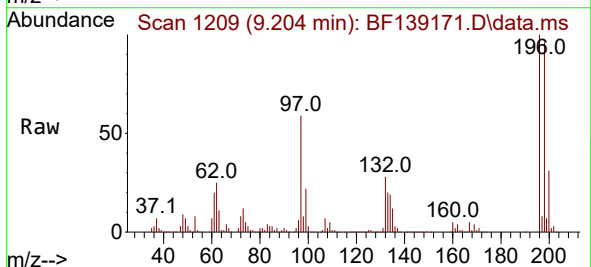
Ion Ratio Lower Upper

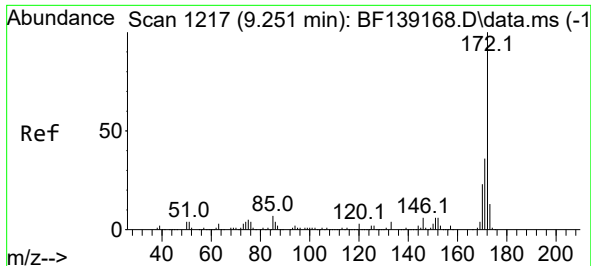
196 100

198 96.1 75.7 113.5

97 59.0 44.9 67.3

132 28.2 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 145.374 ng

RT: 9.257 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

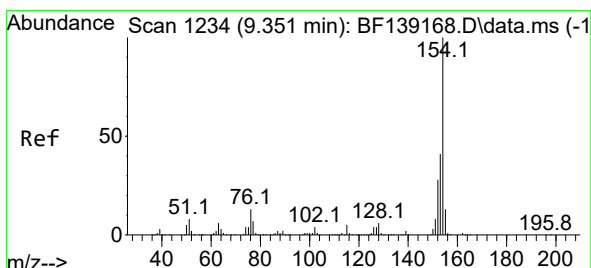
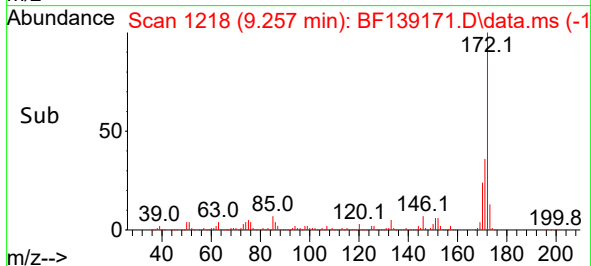
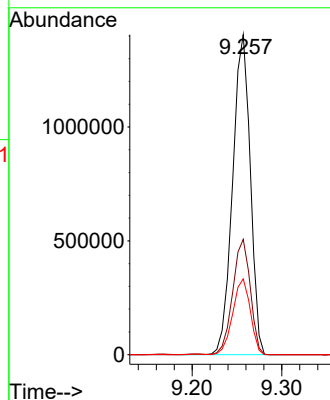
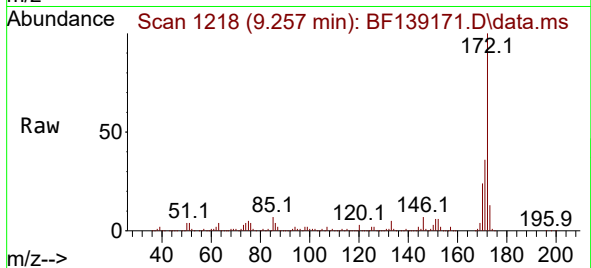
Tgt Ion:172 Resp: 1916481

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 77.500 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

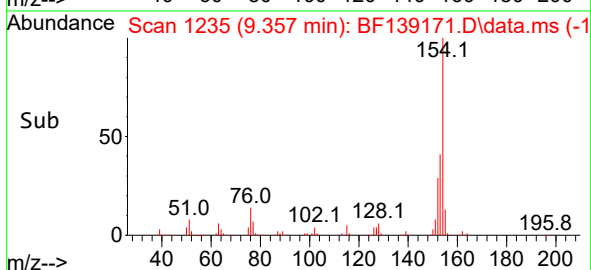
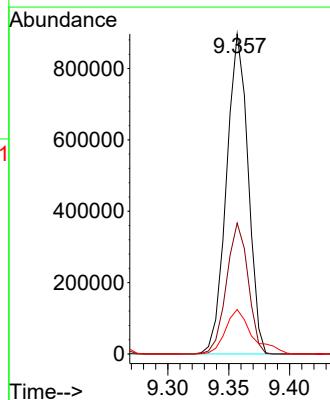
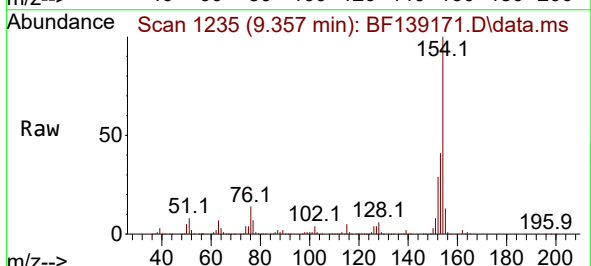
Tgt Ion:154 Resp: 1110442

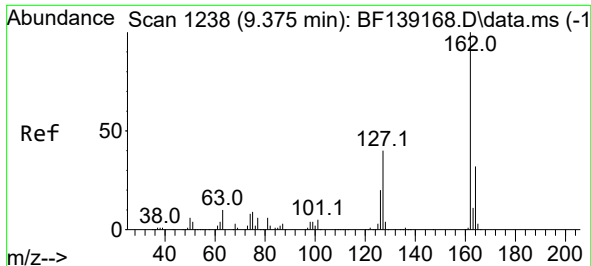
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 13.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 76.484 ng

RT: 9.380 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

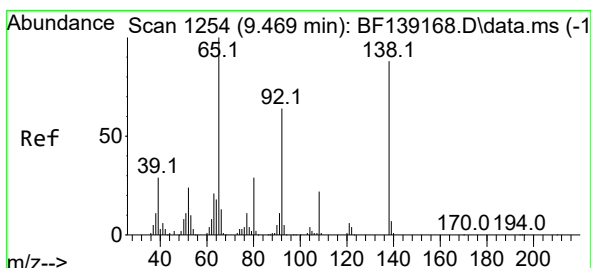
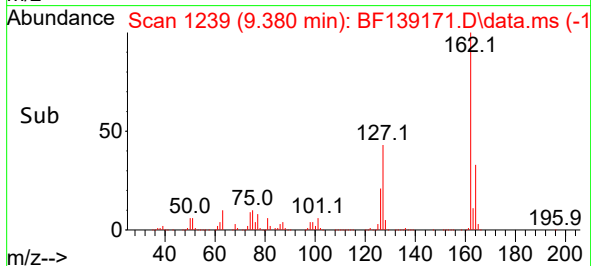
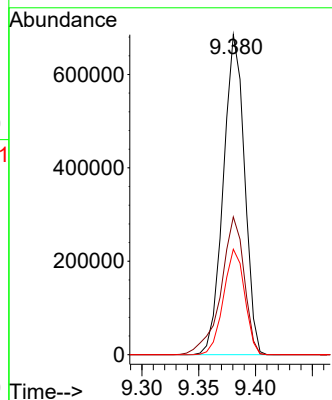
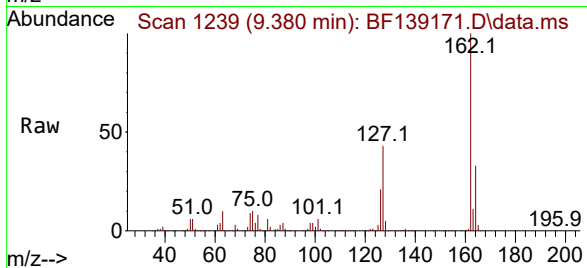
Tgt Ion:162 Resp: 890443

Ion Ratio Lower Upper

162 100

127 43.0 32.4 48.6

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 110.073 ng

RT: 9.475 min Scan# 1255

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

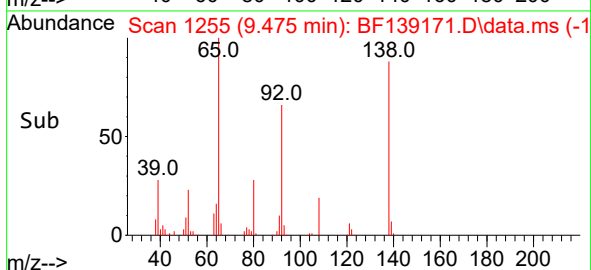
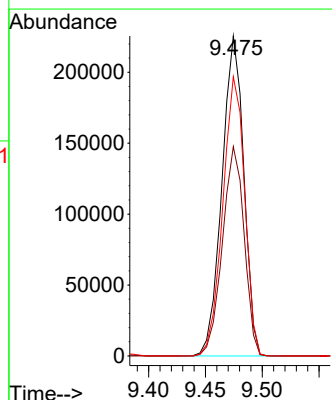
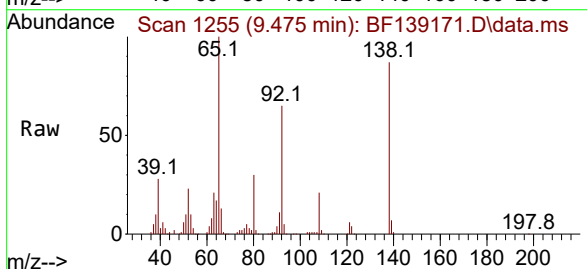
Tgt Ion: 65 Resp: 301571

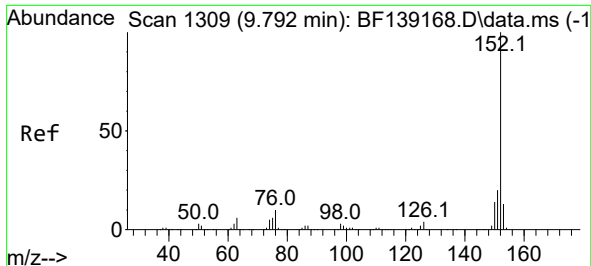
Ion Ratio Lower Upper

65 100

92 65.4 51.2 76.8

138 87.2 70.0 105.0

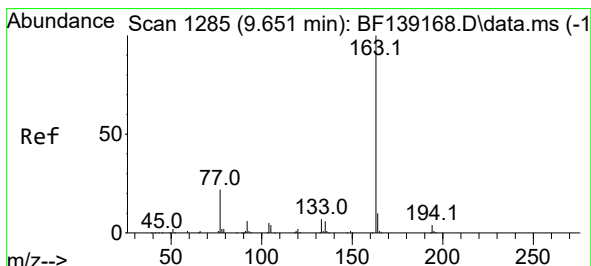
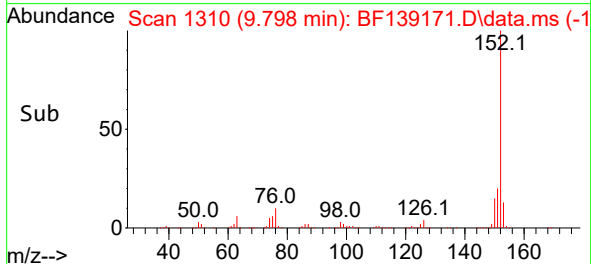
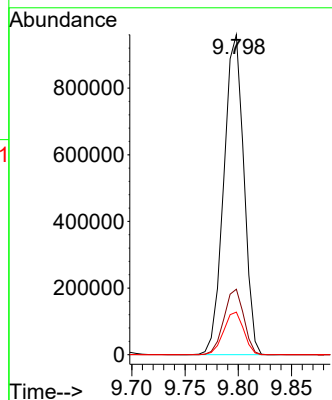
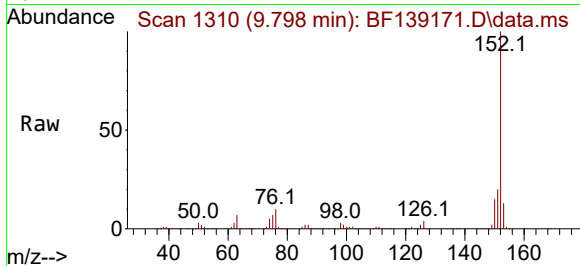




#49  
Acenaphthylene  
Concen: 75.102 ng  
RT: 9.798 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

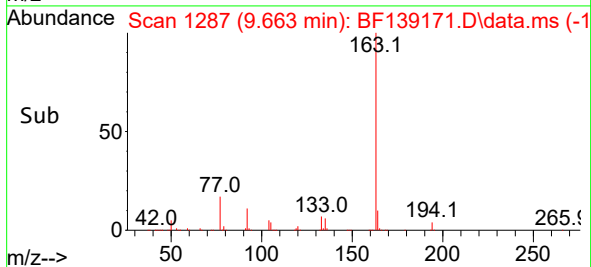
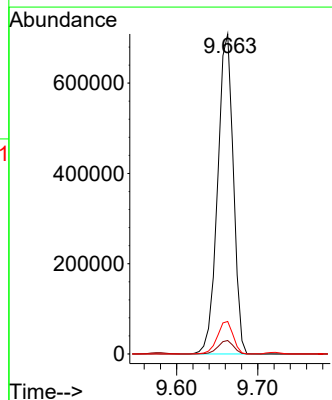
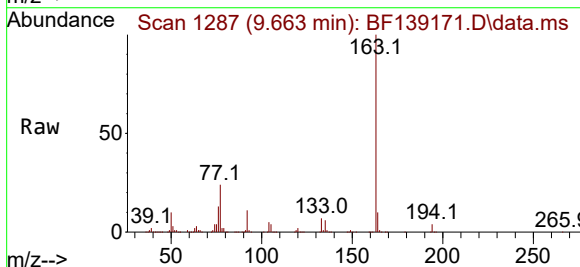
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

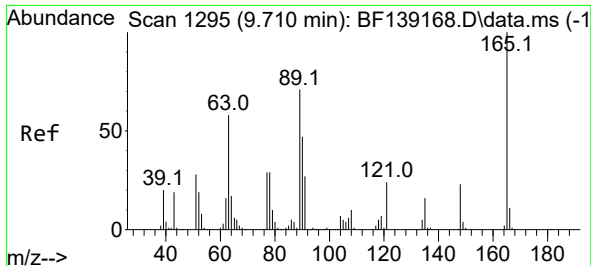
Tgt Ion:152 Resp: 1252510  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.3 10.5 15.7



#50  
Dimethylphthalate  
Concen: 73.761 ng  
RT: 9.663 min Scan# 1287  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:163 Resp: 952484  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 100.564 ng

RT: 9.722 min Scan# 1297

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

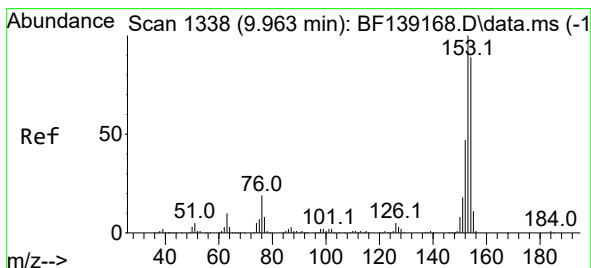
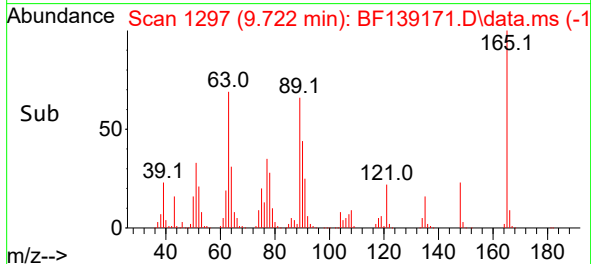
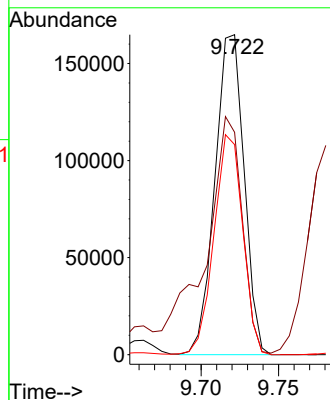
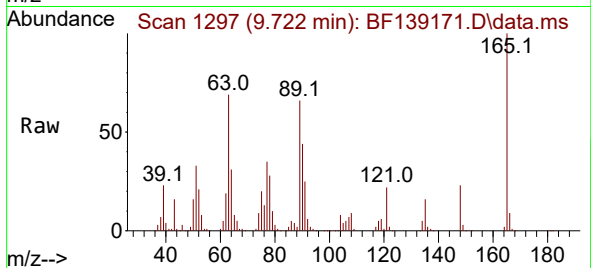
Tgt Ion:165 Resp: 216175

Ion Ratio Lower Upper

165 100

63 69.5 60.1 90.1

89 65.6 57.0 85.6



#52

Acenaphthene

Concen: 77.014 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

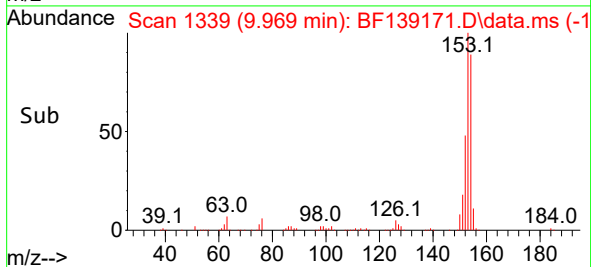
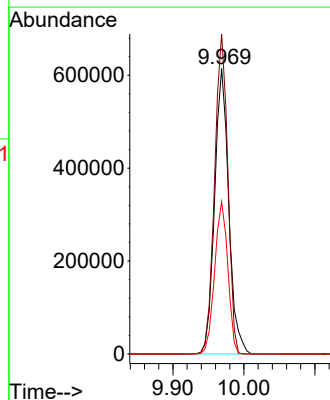
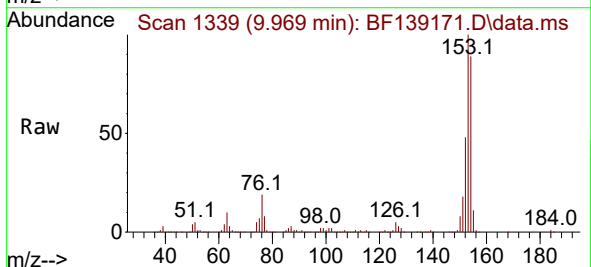
Tgt Ion:154 Resp: 848427

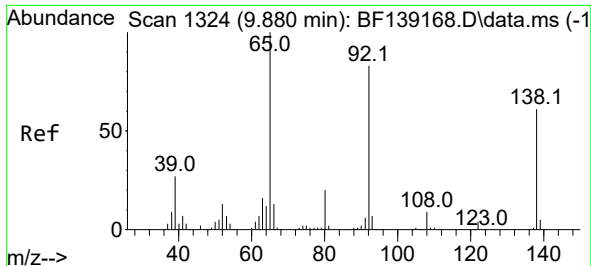
Ion Ratio Lower Upper

154 100

153 112.1 90.0 135.0

152 53.3 42.4 63.6

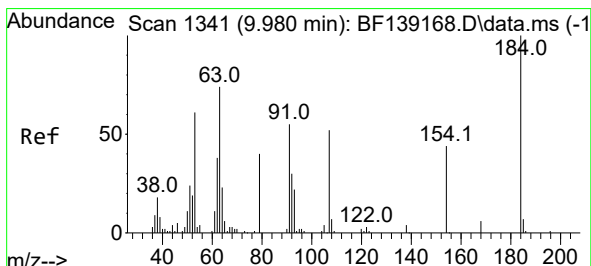
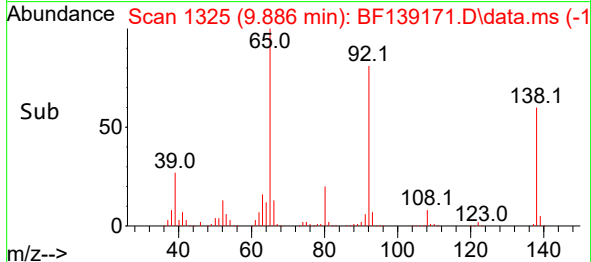
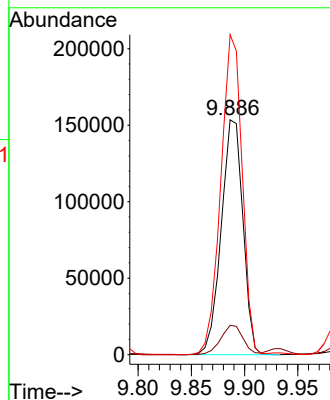
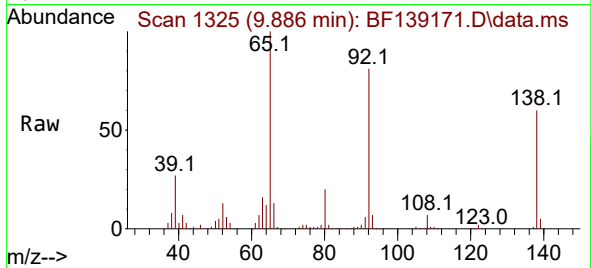




#53  
3-Nitroaniline  
Concen: 97.246 ng  
RT: 9.886 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

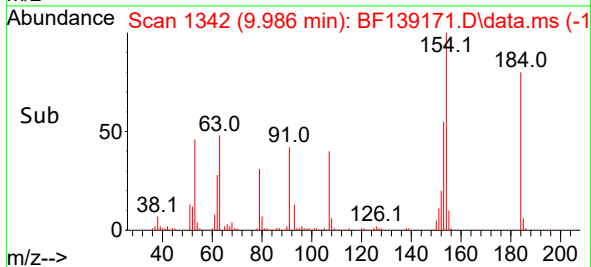
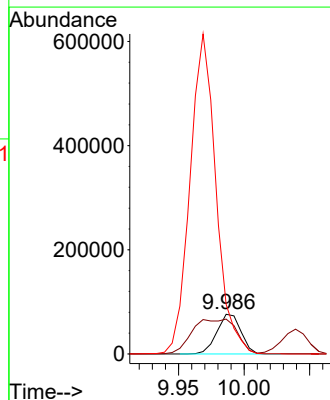
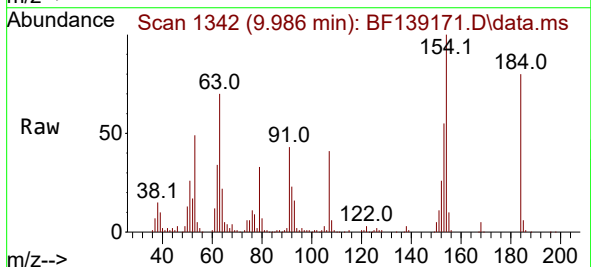
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

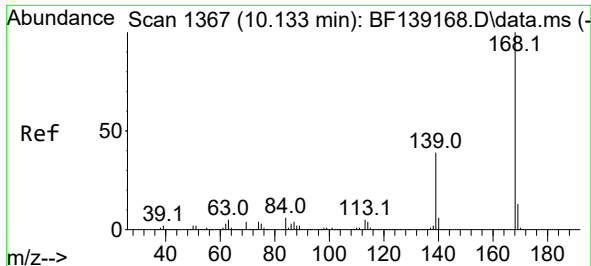
Tgt Ion:138 Resp: 216672  
Ion Ratio Lower Upper  
138 100  
108 12.6 11.8 17.6  
92 136.2 108.2 162.2



#54  
2,4-Dinitrophenol  
Concen: 126.515 ng  
RT: 9.986 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:184 Resp: 97467  
Ion Ratio Lower Upper  
184 100  
63 88.0 72.1 108.1  
154 125.0 135.3 202.9#

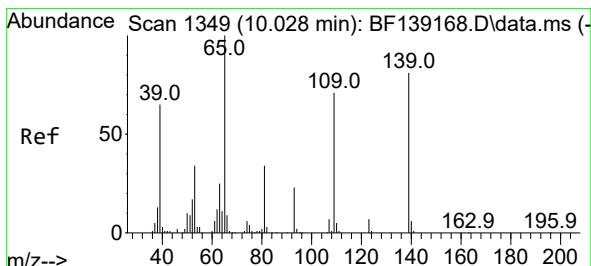
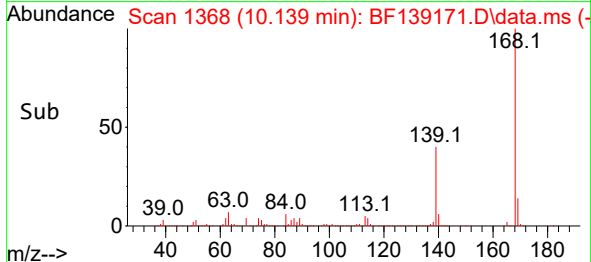
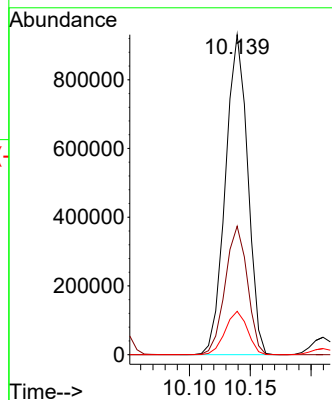
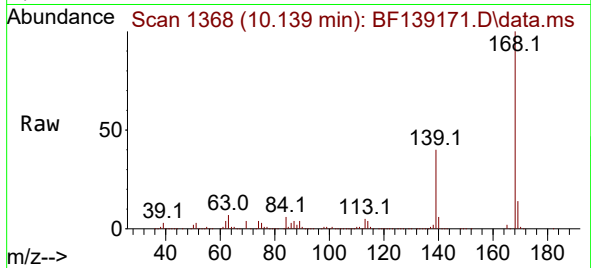




#55  
Dibenzofuran  
Concen: 73.970 ng  
RT: 10.139 min Scan# 1367  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

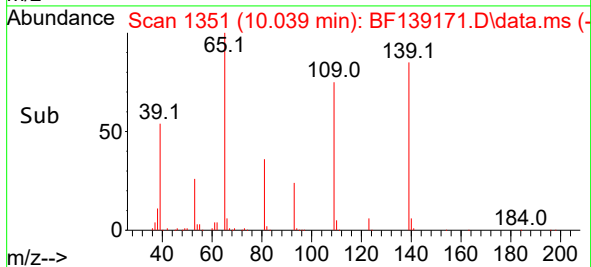
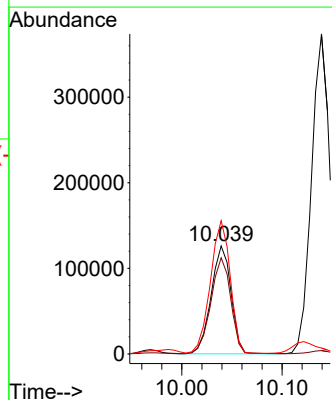
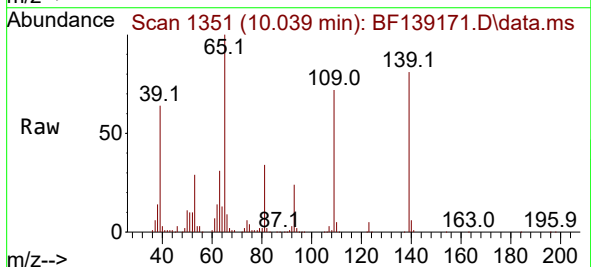
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

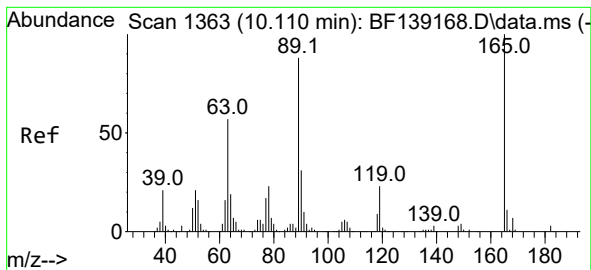
Tgt Ion:168 Resp: 1183616  
Ion Ratio Lower Upper  
168 100  
139 40.2 31.5 47.3  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 88.851 ng  
RT: 10.039 min Scan# 1351  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:139 Resp: 173427  
Ion Ratio Lower Upper  
139 100  
109 89.1 68.2 108.2  
65 123.5 104.7 144.7

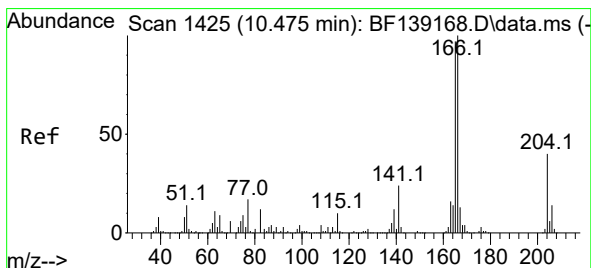
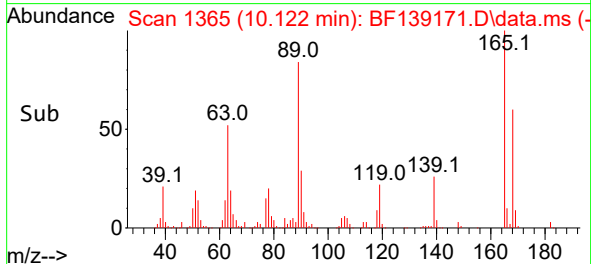
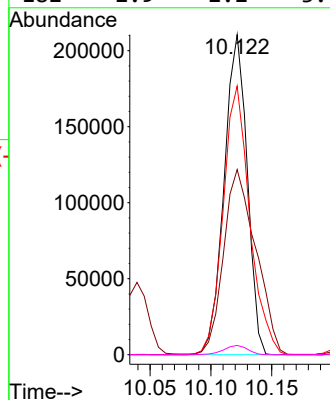
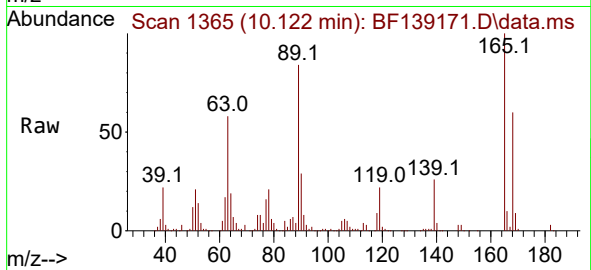




#57  
2,4-Dinitrotoluene  
Concen: 106.057 ng  
RT: 10.122 min Scan# 1365  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

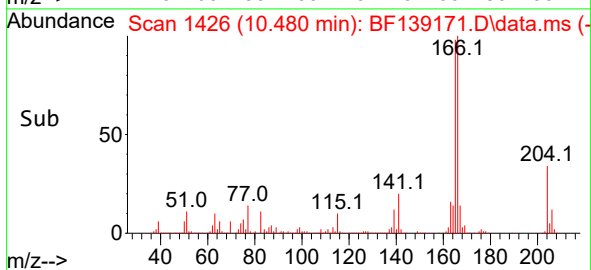
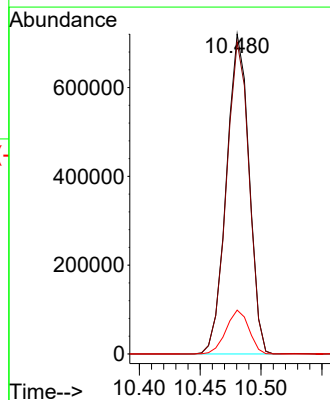
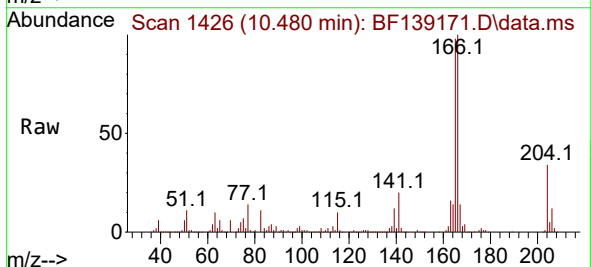
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

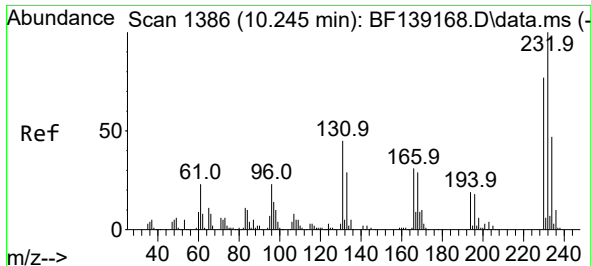
Tgt Ion:165 Resp: 277121  
Ion Ratio Lower Upper  
165 100  
63 57.8 46.2 69.2  
89 84.0 70.2 105.4  
182 2.9 2.2 3.4



#58  
Fluorene  
Concen: 72.991 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:166 Resp: 933394  
Ion Ratio Lower Upper  
166 100  
165 97.5 77.8 116.8  
167 13.7 10.8 16.2

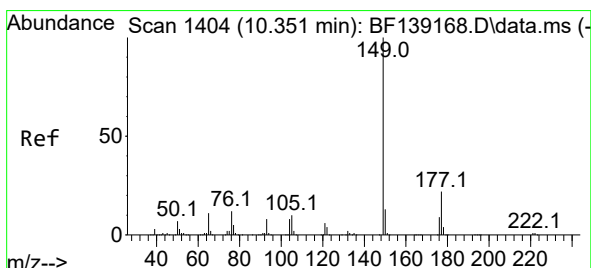
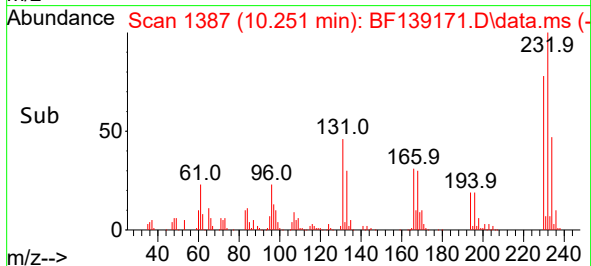
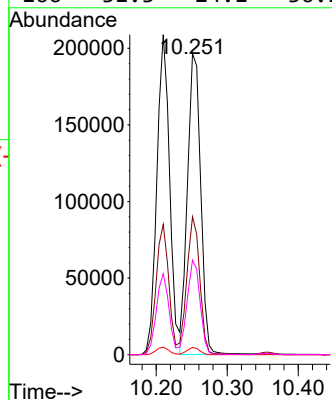
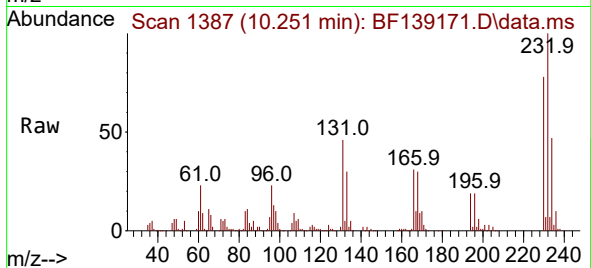




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 79.729 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

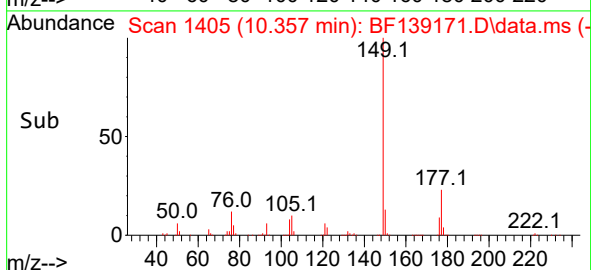
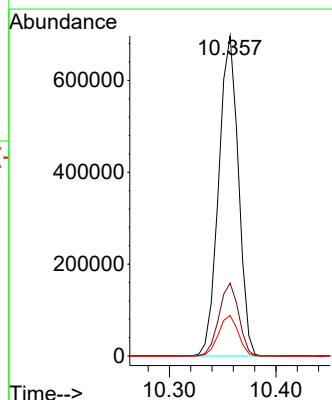
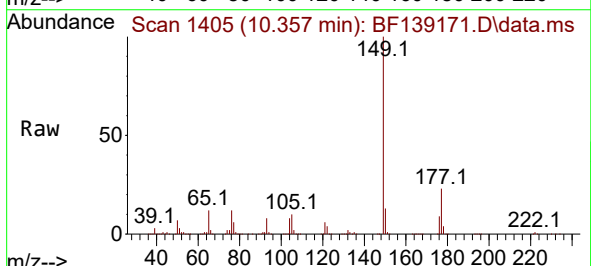
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

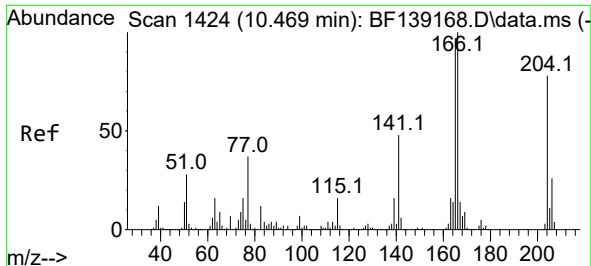
Tgt Ion:232 Resp: 253928  
Ion Ratio Lower Upper  
232 100  
131 44.9 34.9 52.3  
130 2.3 1.9 2.9  
166 31.3 24.1 36.1



#60  
Diethylphthalate  
Concen: 69.780 ng  
RT: 10.357 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:149 Resp: 892806  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.0 27.0  
150 12.7 10.0 15.0

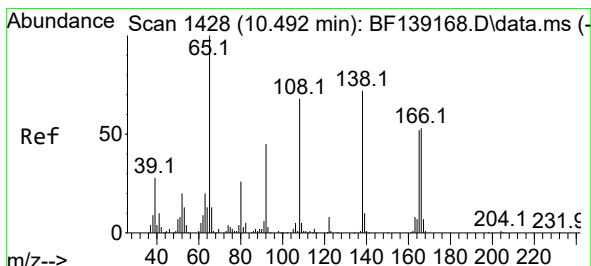
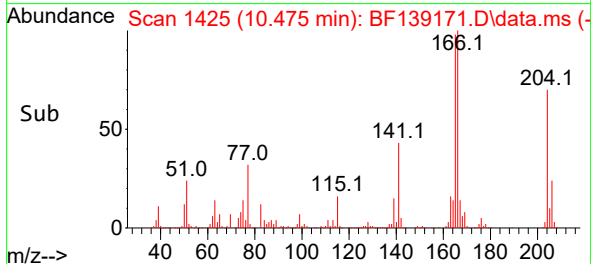
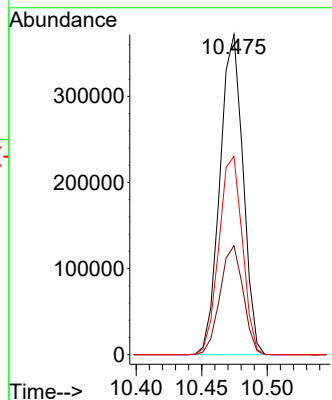
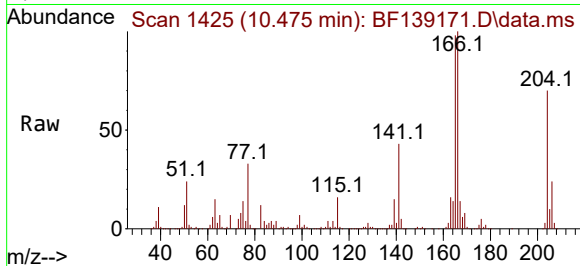




#61  
4-Chlorophenyl-phenylether  
Concen: 71.240 ng  
RT: 10.475 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

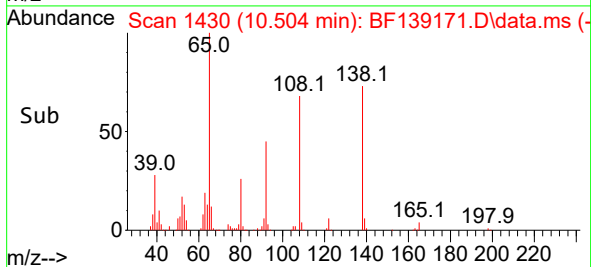
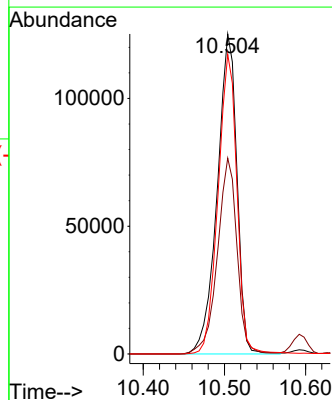
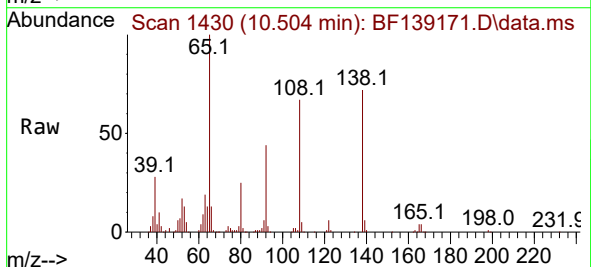
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

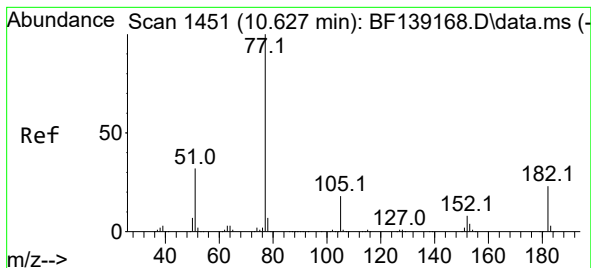
Tgt Ion:204 Resp: 454989  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.0 40.4  
141 62.0 49.6 74.4



#62  
4-Nitroaniline  
Concen: 92.222 ng  
RT: 10.504 min Scan# 1430  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:138 Resp: 211678  
Ion Ratio Lower Upper  
138 100  
92 61.2 42.4 82.4  
108 93.6 74.0 114.0





#63

Azobenzene

Concen: 72.463 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1030308

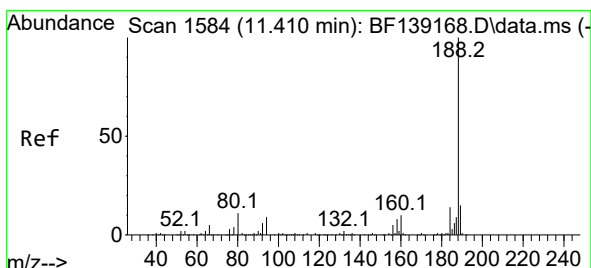
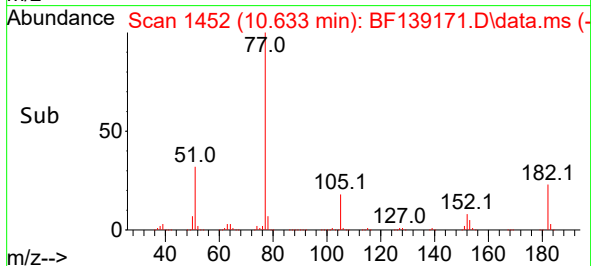
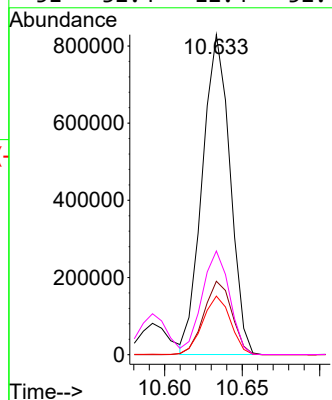
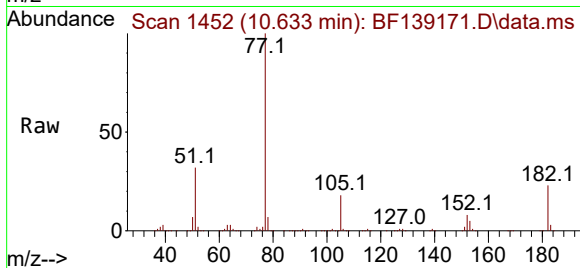
Ion Ratio Lower Upper

77 100

182 22.9 2.4 42.4

105 18.3 0.0 38.2

51 32.4 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

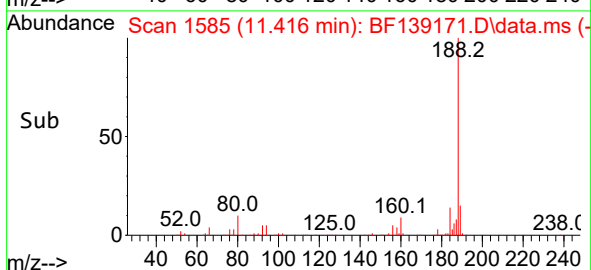
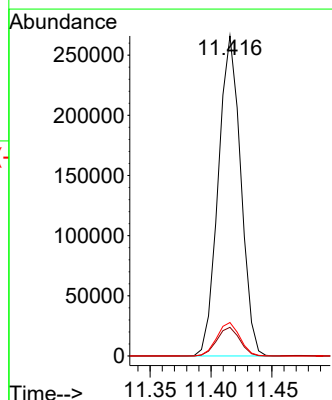
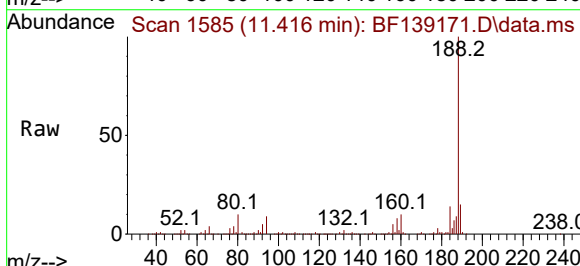
Tgt Ion:188 Resp: 342507

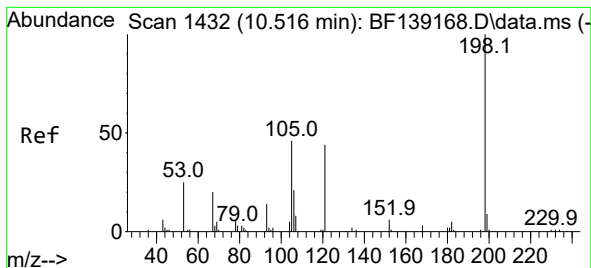
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.4 8.9 13.3

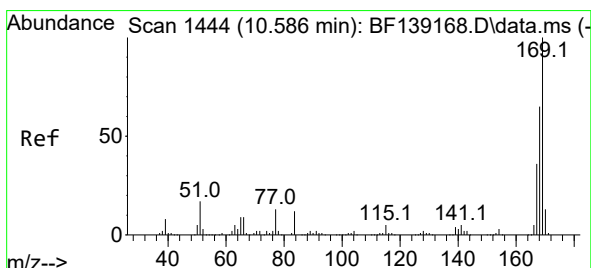
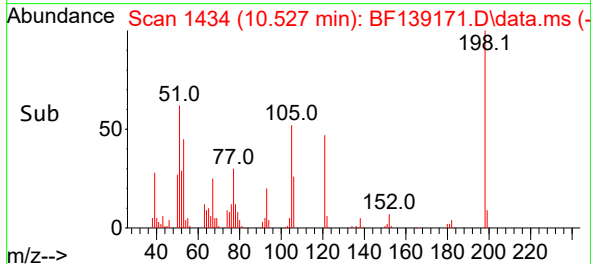
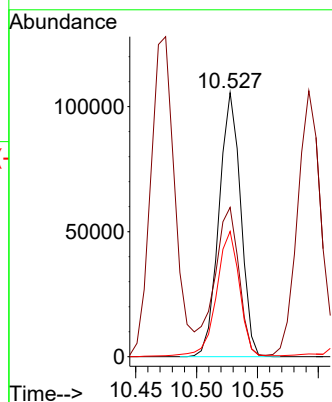
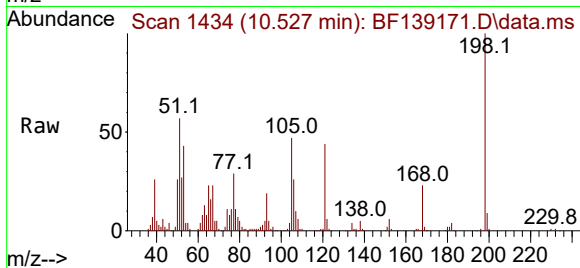




#65  
4,6-Dinitro-2-methylphenol  
Concen: 119.795 ng  
RT: 10.527 min Scan# 1434  
Delta R.T. 0.012 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

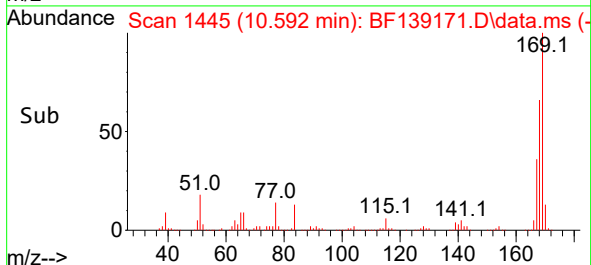
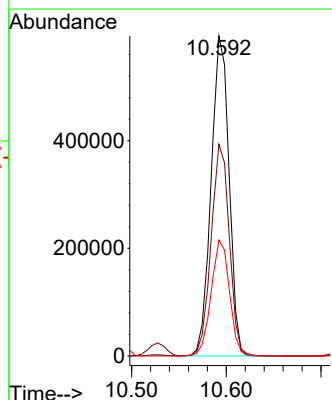
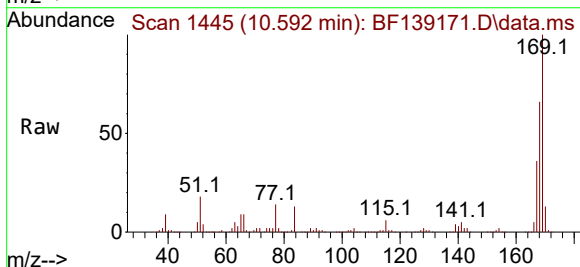
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

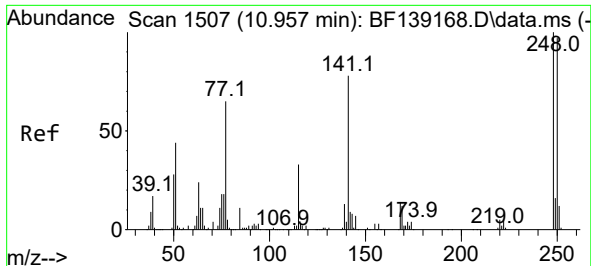
Tgt Ion:198 Resp: 130658  
Ion Ratio Lower Upper  
198 100  
51 56.5 39.2 79.2  
105 47.5 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 76.830 ng  
RT: 10.592 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:169 Resp: 778629  
Ion Ratio Lower Upper  
169 100  
168 66.1 52.3 78.5  
167 36.2 29.0 43.4

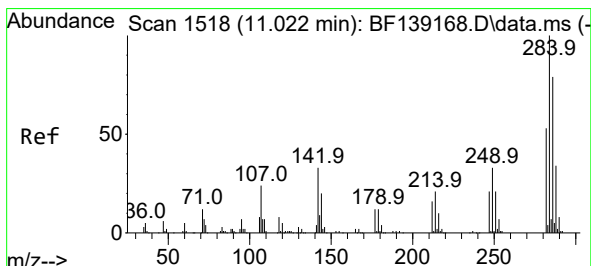
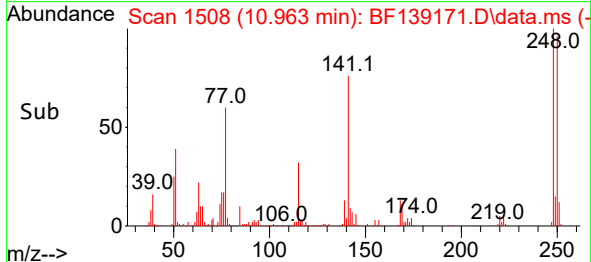
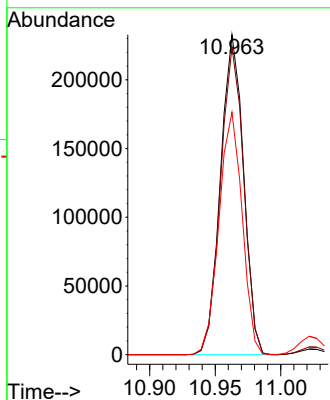
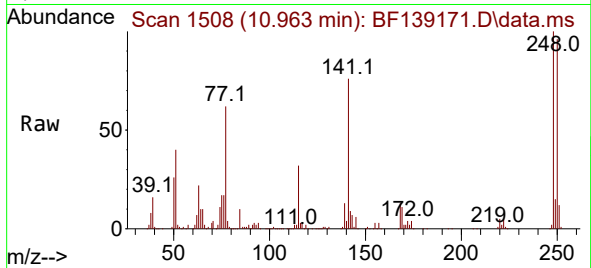




#67  
4-Bromophenyl-phenylether  
Concen: 78.456 ng  
RT: 10.963 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

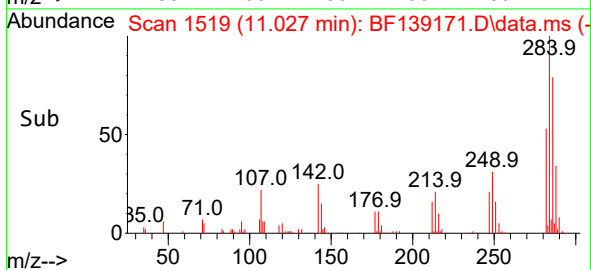
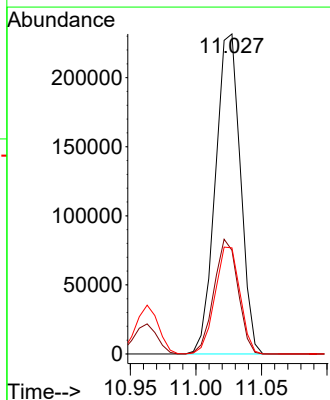
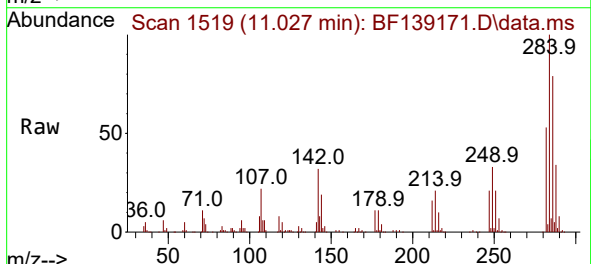
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

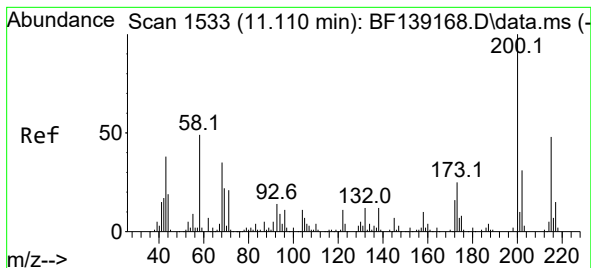
Tgt Ion:248 Resp: 284742  
Ion Ratio Lower Upper  
248 100  
250 96.1 78.0 117.0  
141 75.8 62.6 94.0



#68  
Hexachlorobenzene  
Concen: 78.566 ng  
RT: 11.027 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:284 Resp: 305907  
Ion Ratio Lower Upper  
284 100  
142 32.4 26.6 40.0  
249 33.2 26.5 39.7





#69

Atrazine

Concen: 45.789 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

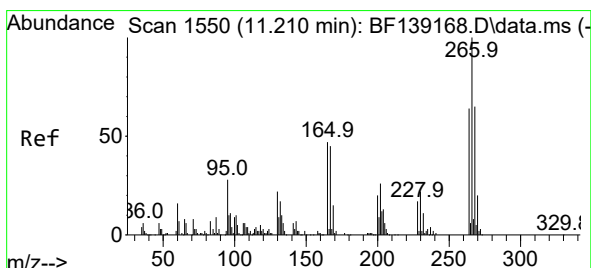
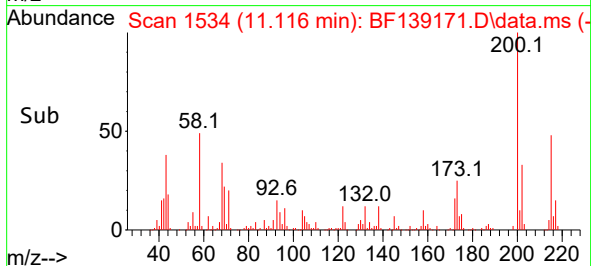
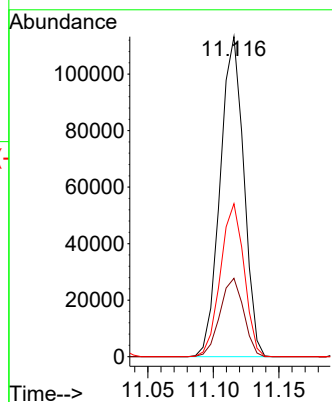
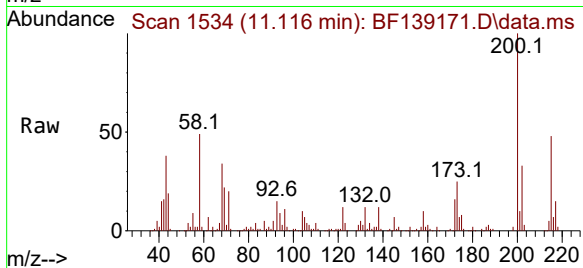
Tgt Ion:200 Resp: 141723

Ion Ratio Lower Upper

200 100

173 24.5 4.7 44.7

215 47.8 28.2 68.2



#70

Pentachlorophenol

Concen: 82.083 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

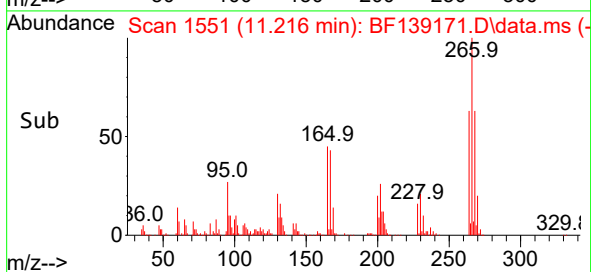
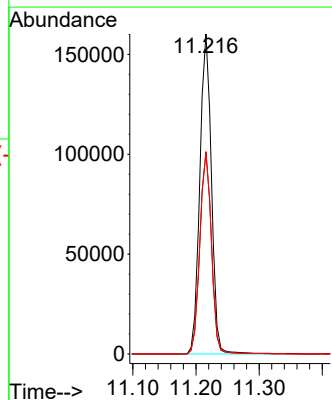
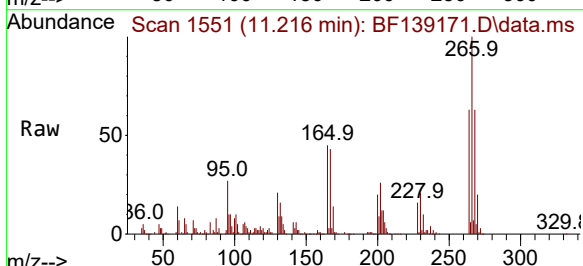
Tgt Ion:266 Resp: 204155

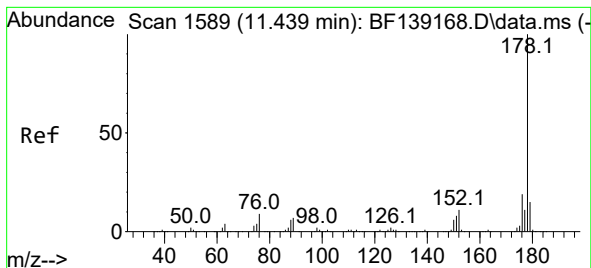
Ion Ratio Lower Upper

266 100

268 63.0 51.8 77.8

264 63.3 51.0 76.6





#71

Phenanthrene

Concen: 73.152 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

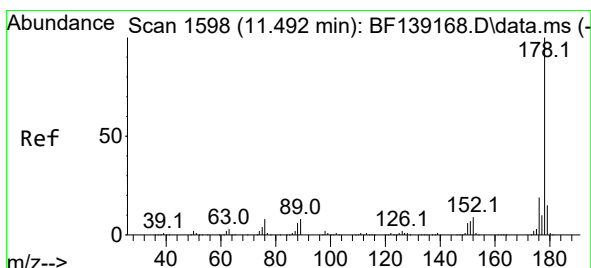
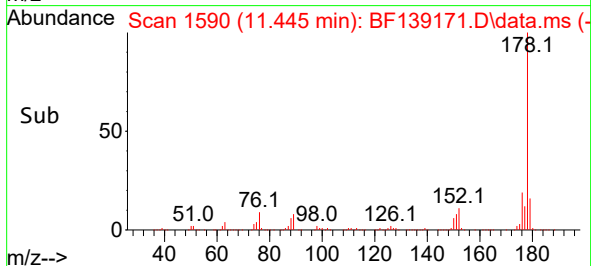
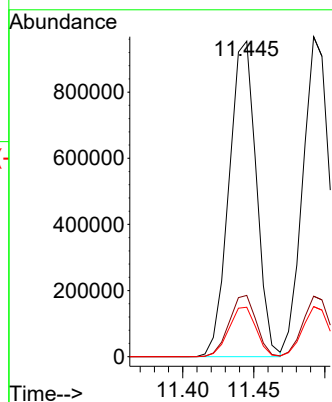
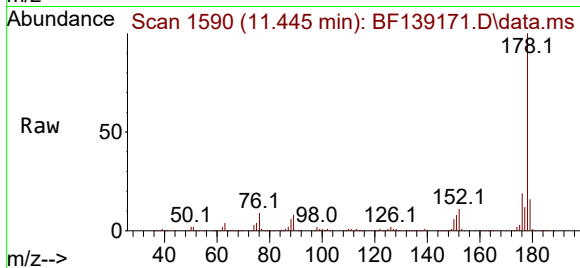
Tgt Ion:178 Resp: 1273504

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.7 12.2 18.4



#72

Anthracene

Concen: 73.493 ng

RT: 11.492 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

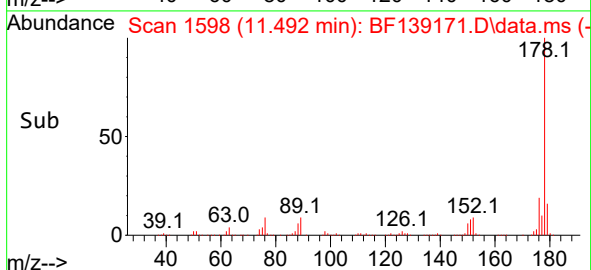
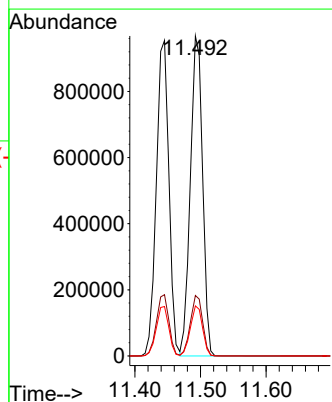
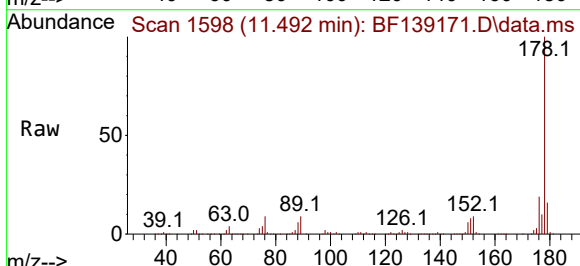
Tgt Ion:178 Resp: 1251250

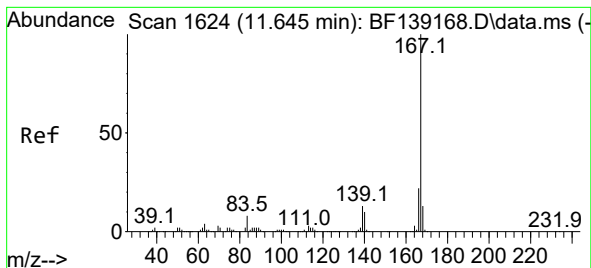
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.3 18.5





#73

Carbazole

Concen: 68.485 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

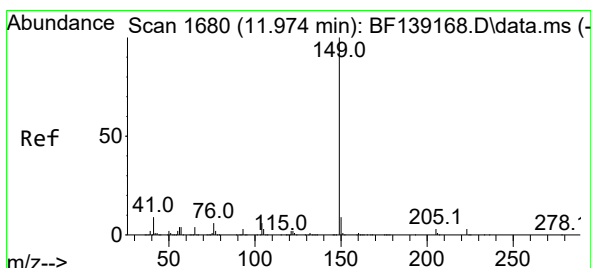
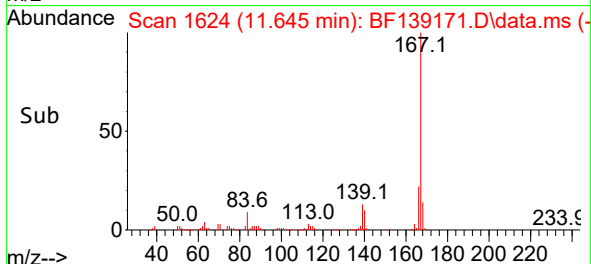
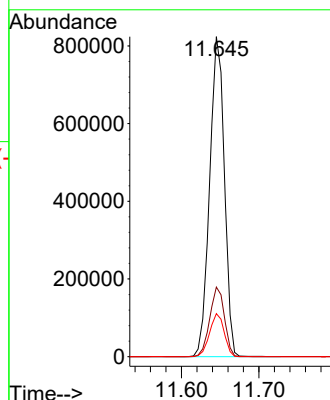
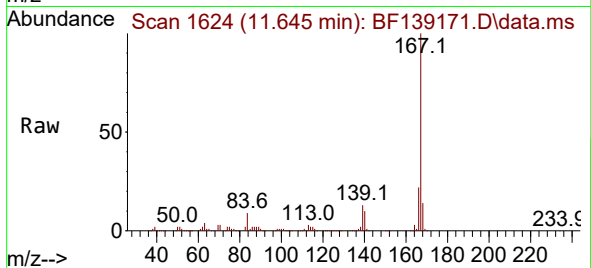
Tgt Ion:167 Resp: 1088775

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 56.799 ng

RT: 11.974 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

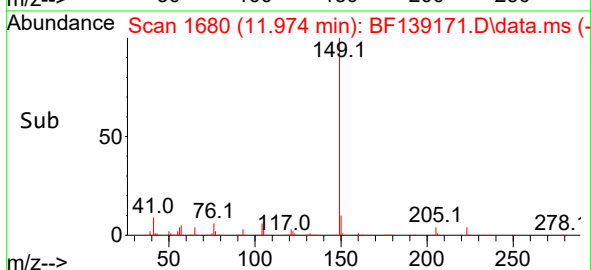
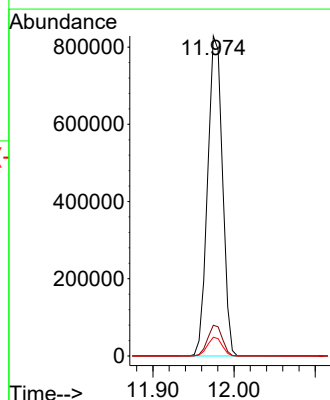
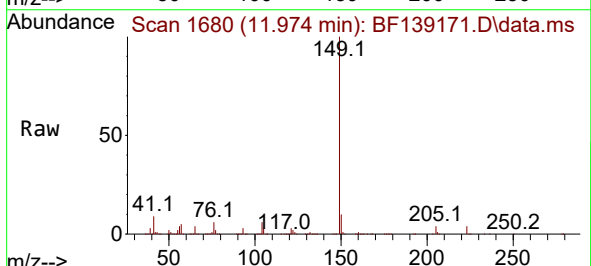
Tgt Ion:149 Resp: 1047041

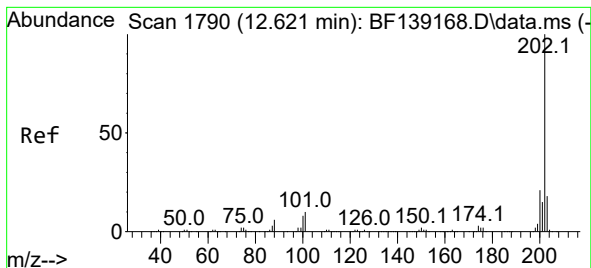
Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 5.9 4.4 6.6





#75

Fluoranthene

Concen: 61.045 ng

RT: 12.627 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

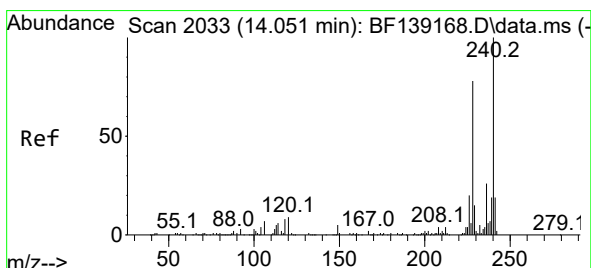
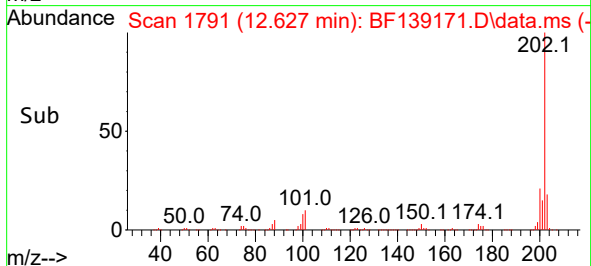
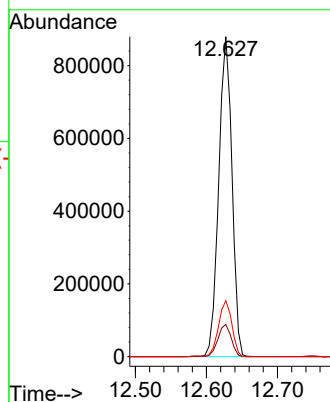
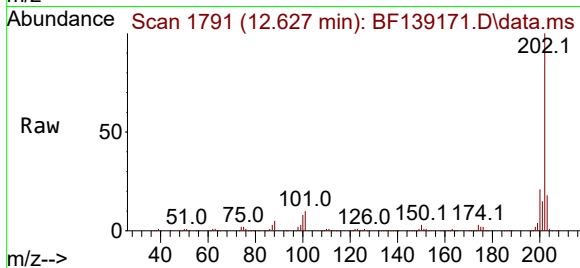
Tgt Ion:202 Resp: 1134279

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.1

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

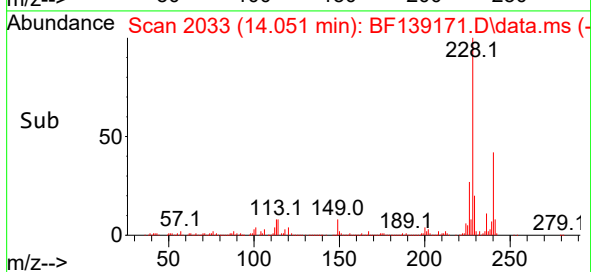
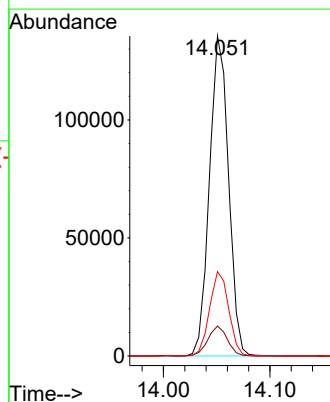
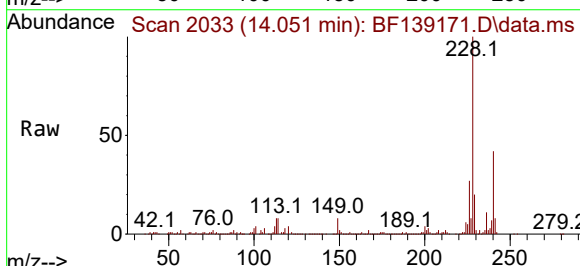
Tgt Ion:240 Resp: 168409

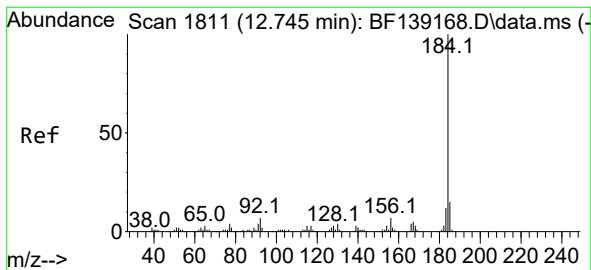
Ion Ratio Lower Upper

240 100

120 9.4 6.9 10.3

236 26.4 20.9 31.3





#77

Benzidine

Concen: 103.387 ng

RT: 12.751 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

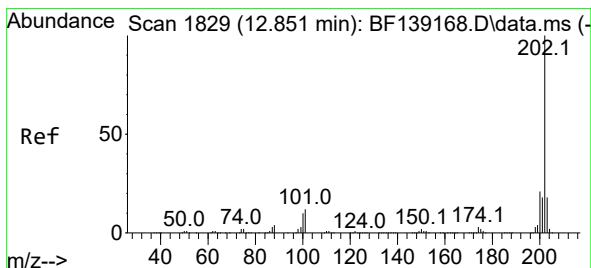
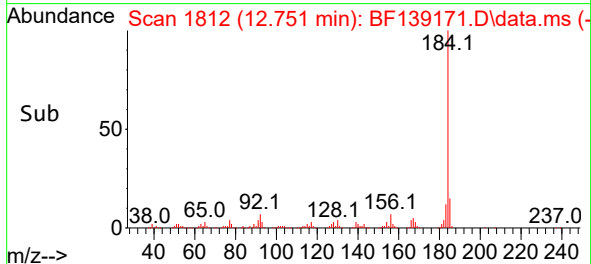
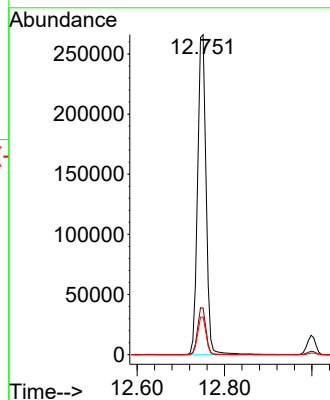
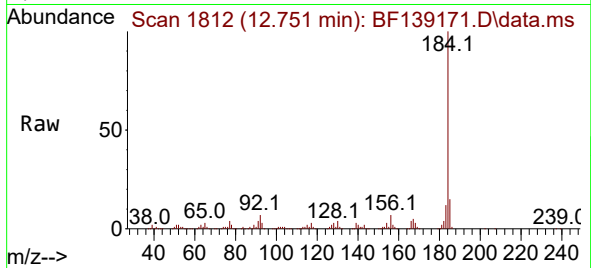
Tgt Ion:184 Resp: 359654

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

183 11.8 9.4 14.0



#78

Pyrene

Concen: 79.157 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

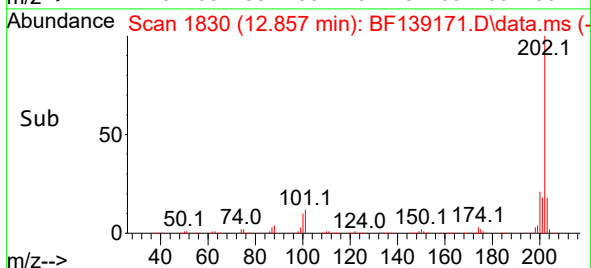
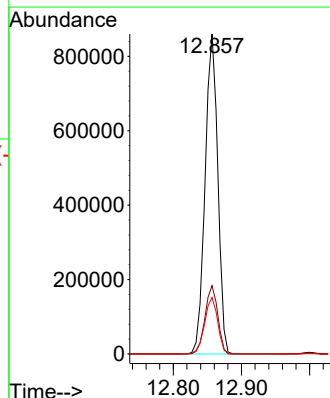
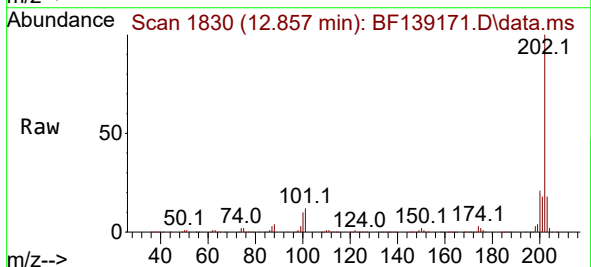
Tgt Ion:202 Resp: 1112478

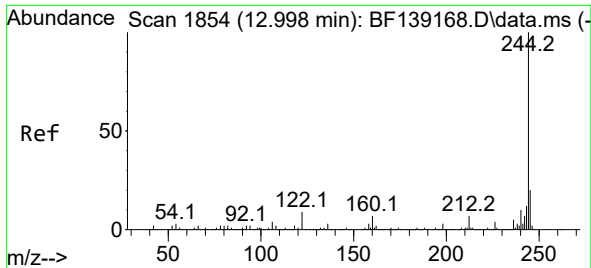
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

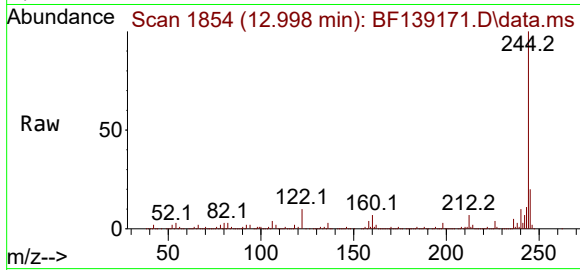
203 17.6 14.1 21.1





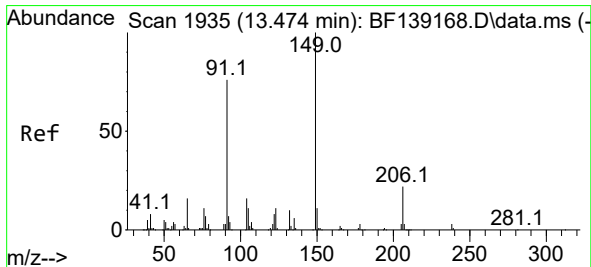
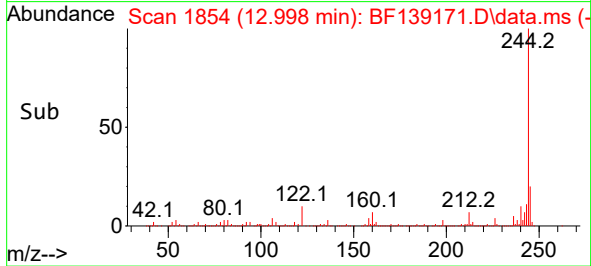
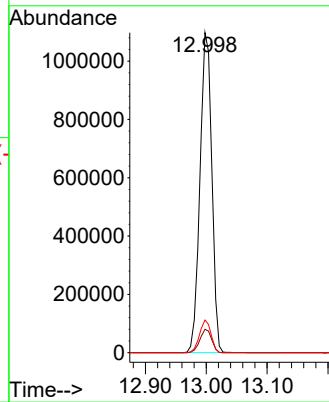
#79  
 Terphenyl-d14  
 Concen: 145.673 ng  
 RT: 12.998 min Scan# 1854  
 Delta R.T. -0.000 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080



Tgt Ion:244 Resp: 1478501  

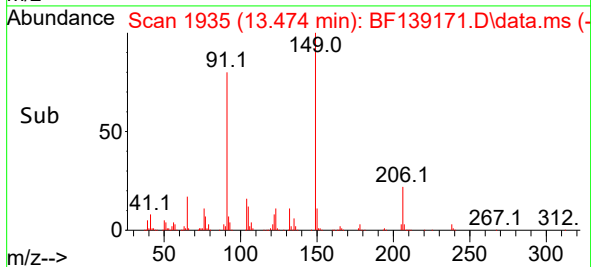
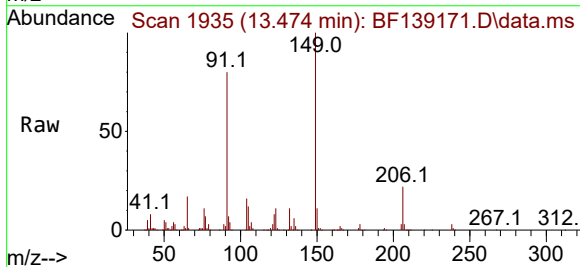
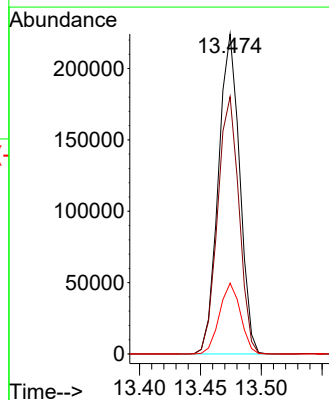
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 5.8   | 8.6   |
| 122 | 10.2  | 7.6   | 11.4  |

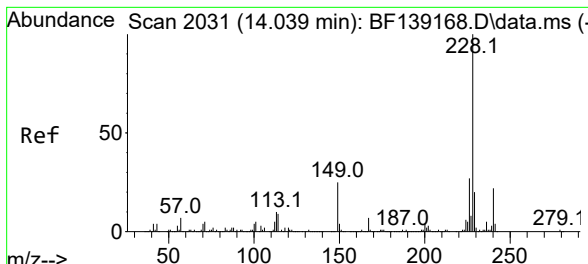


#80  
 Butylbenzylphthalate  
 Concen: 56.065 ng  
 RT: 13.474 min Scan# 1935  
 Delta R.T. -0.000 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

Tgt Ion:149 Resp: 272596  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 80.4  | 60.9  | 91.3  |
| 206 | 22.1  | 17.7  | 26.5  |



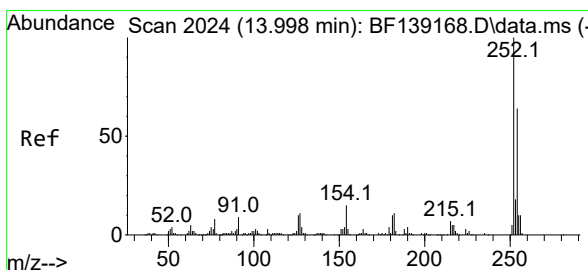
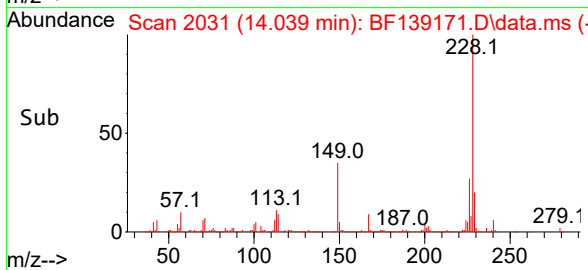
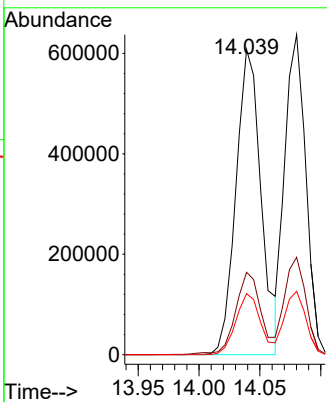
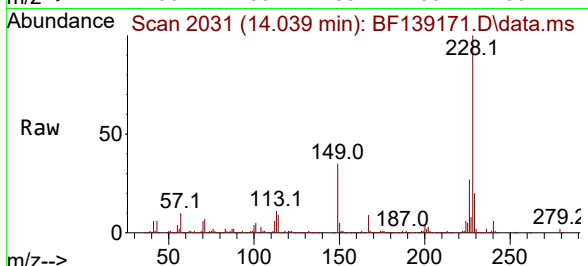


#81  
 Benzo(a)anthracene  
 Concen: 79.095 ng  
 RT: 14.039 min Scan# 2031  
 Delta R.T. -0.000 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:228 Resp: 875623

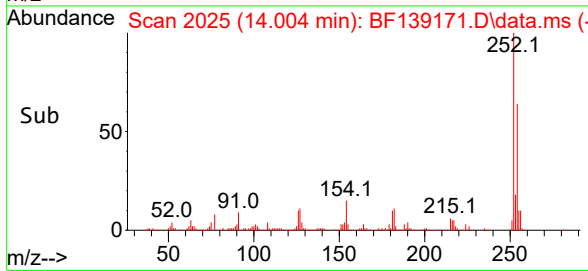
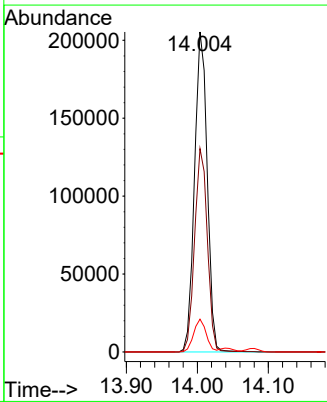
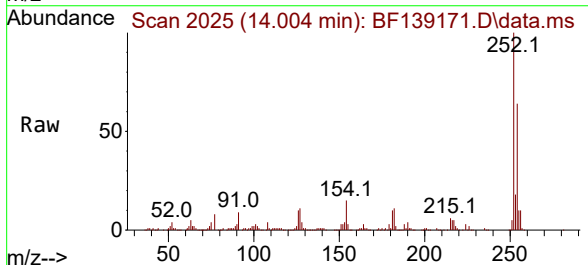
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.0  | 21.4  | 32.2  |
| 229 | 20.0  | 15.7  | 23.5  |

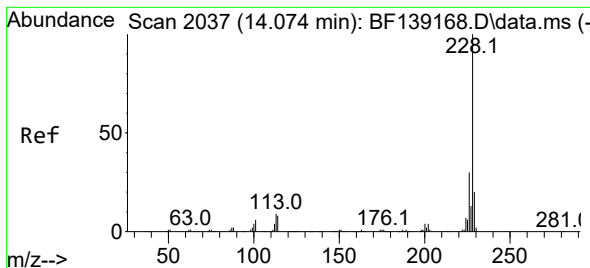


#82  
 3,3'-Dichlorobenzidine  
 Concen: 82.876 ng  
 RT: 14.004 min Scan# 2025  
 Delta R.T. 0.006 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

Tgt Ion:252 Resp: 256454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.5  | 51.4  | 77.0  |
| 126 | 10.2  | 8.2   | 12.2  |





#83

Chrysene

Concen: 76.247 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

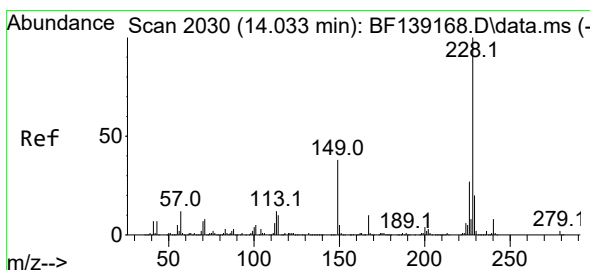
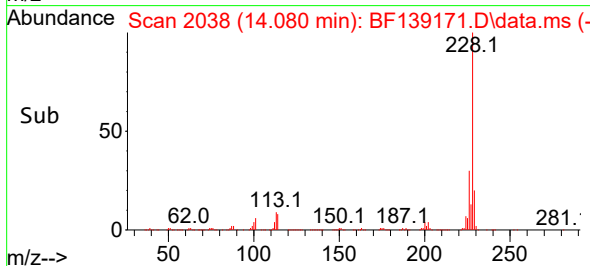
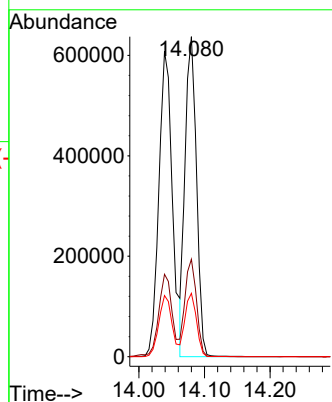
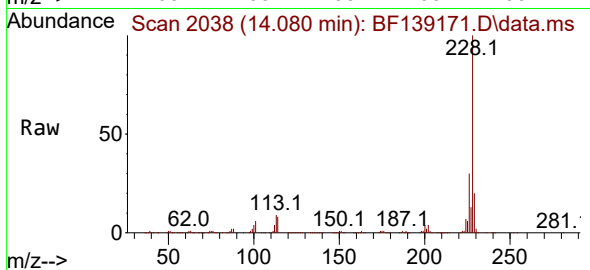
Tgt Ion:228 Resp: 765097

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

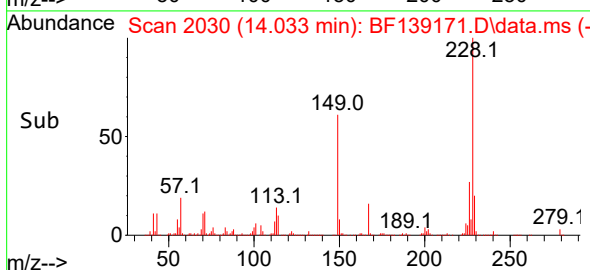
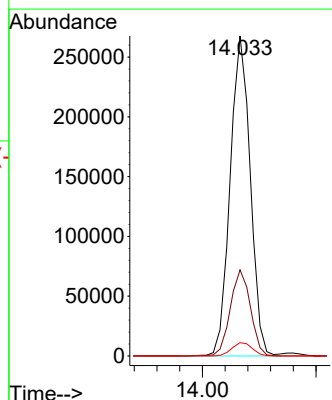
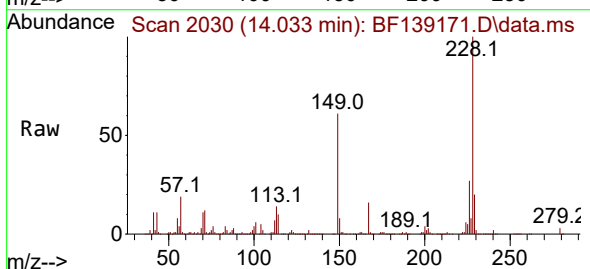
Tgt Ion:149 Resp: 328738

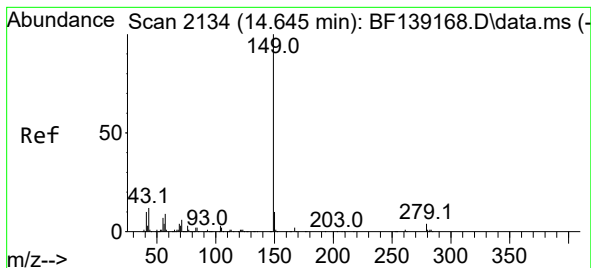
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 74.536 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

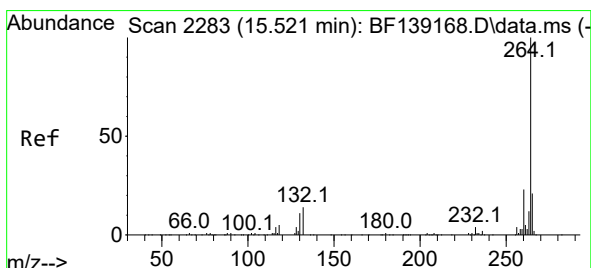
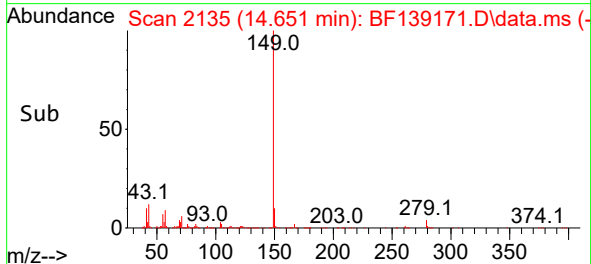
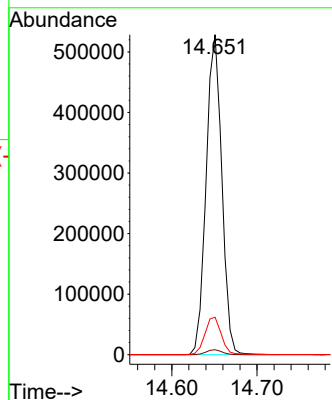
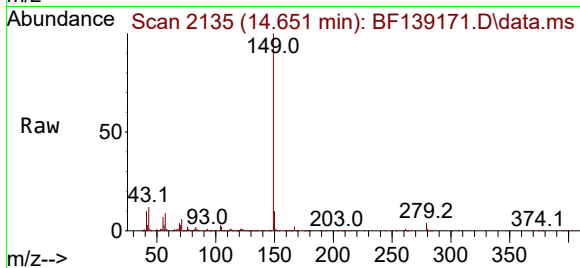
Tgt Ion:149 Resp: 674318

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

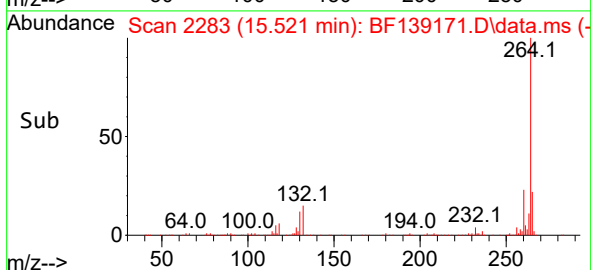
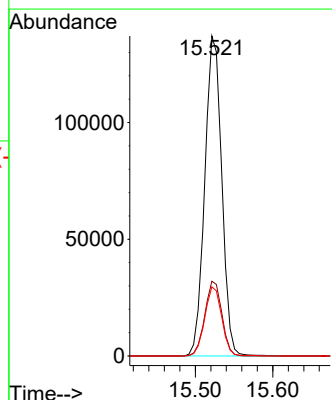
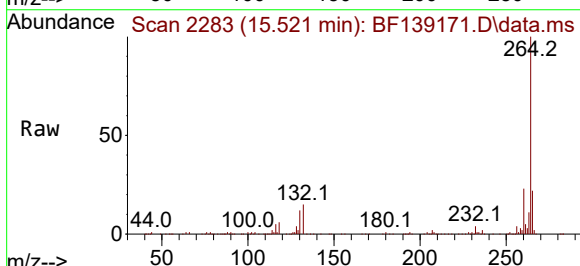
Tgt Ion:264 Resp: 208569

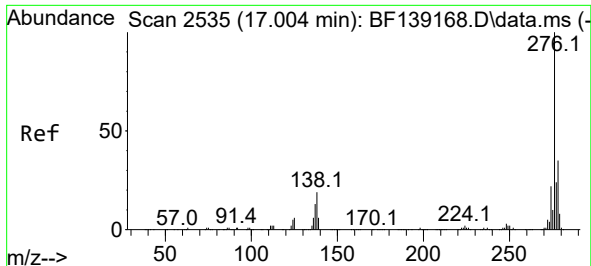
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.6 17.0 25.6

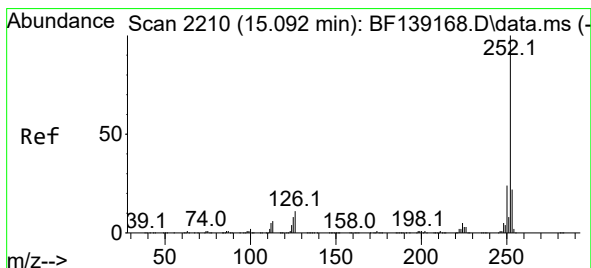
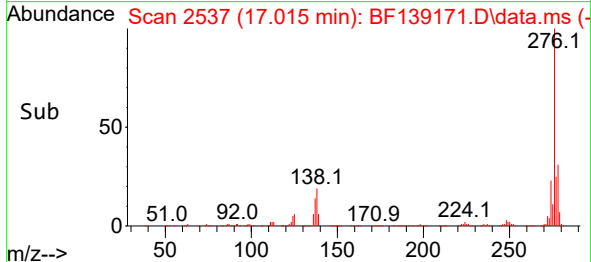
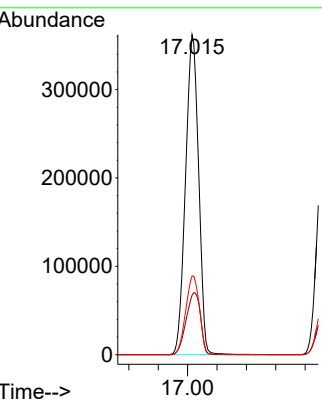
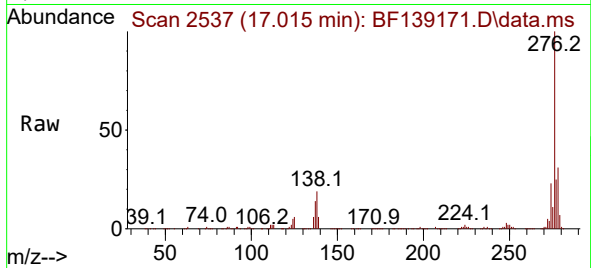




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 91.648 ng  
 RT: 17.015 min Scan# 2111  
 Delta R.T. 0.012 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

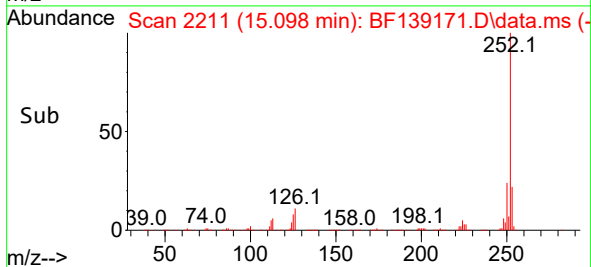
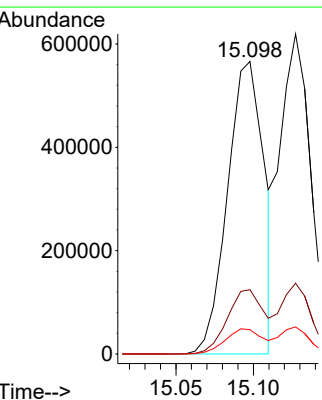
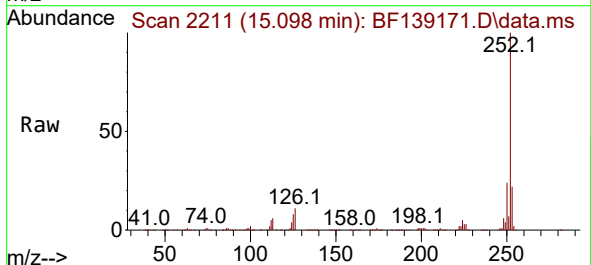
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

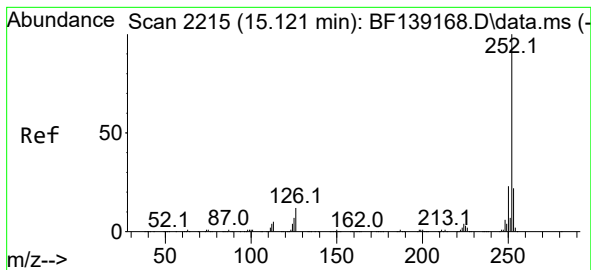
Tgt Ion:276 Resp: 1118712  
 Ion Ratio Lower Upper  
 276 100  
 138 21.2 17.4 26.2  
 277 25.8 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 67.931 ng  
 RT: 15.098 min Scan# 2211  
 Delta R.T. 0.006 min  
 Lab File: BF139171.D  
 Acq: 26 Aug 2024 19:08

Tgt Ion:252 Resp: 923679  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 18.0 27.0  
 125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 74.539 ng

RT: 15.127 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

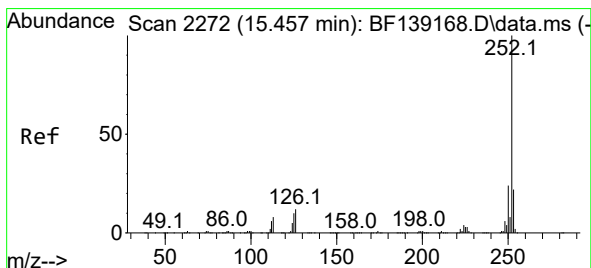
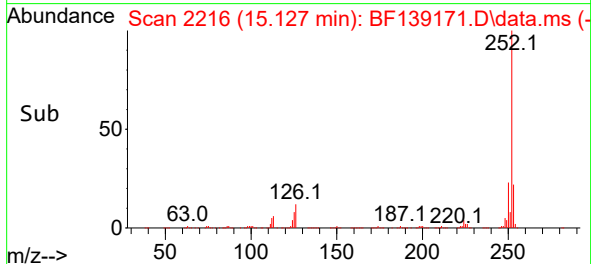
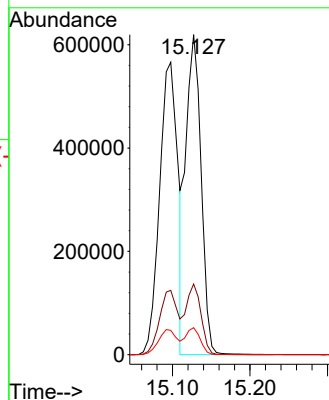
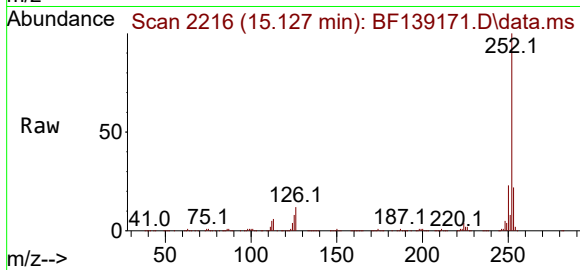
Tgt Ion:252 Resp: 844155

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.5 6.5 9.7



#90

Benzo(a)pyrene

Concen: 76.525 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.012 min

Lab File: BF139171.D

Acq: 26 Aug 2024 19:08

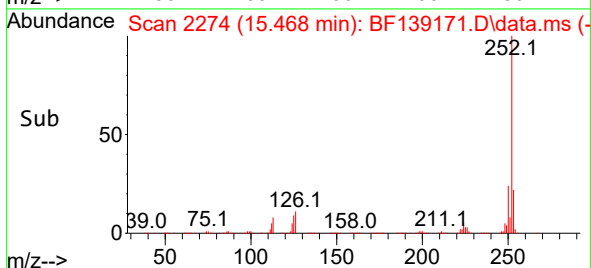
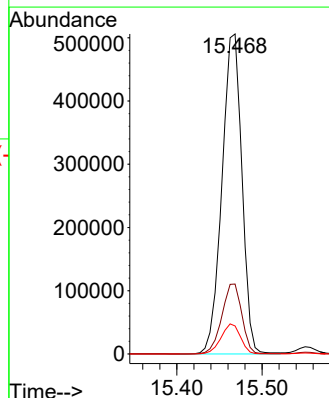
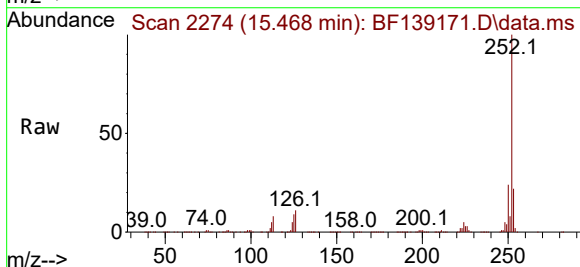
Tgt Ion:252 Resp: 822204

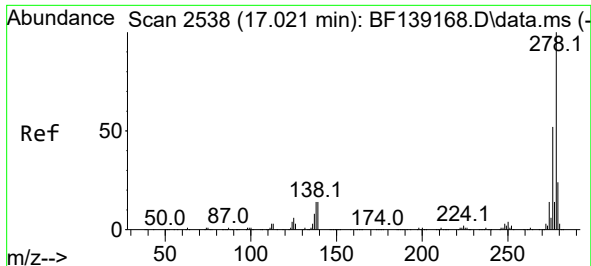
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.8 7.8 11.6

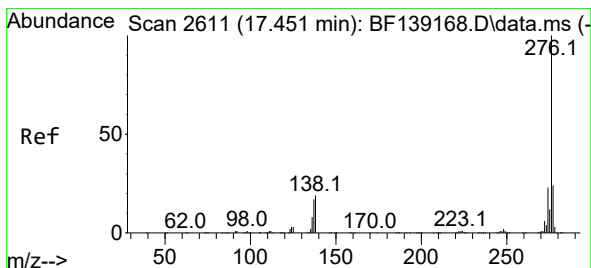
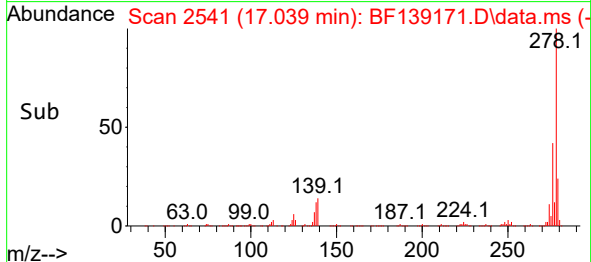
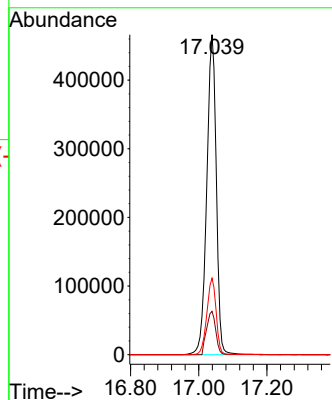
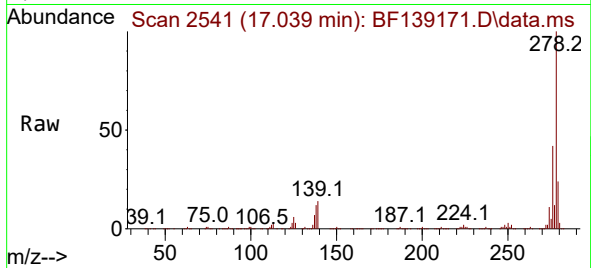




#91  
Dibenzo(a,h)anthracene  
Concen: 90.584 ng  
RT: 17.039 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:278 Resp: 907667  
Ion Ratio Lower Upper  
278 100  
139 13.5 11.2 16.8  
279 23.9 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 91.736 ng  
RT: 17.468 min Scan# 2614  
Delta R.T. 0.018 min  
Lab File: BF139171.D  
Acq: 26 Aug 2024 19:08

Tgt Ion:276 Resp: 926678  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.6  
138 19.2 15.0 22.6

