

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110723\  
 Data File : BF136171.D  
 Acq On : 07 Nov 2023 12:01  
 Operator : CG\JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Nov 08 01:54:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 08 01:48:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 89626    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.098  | 136  | 362705   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 187897   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 332807   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 158235   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.492 | 264  | 157175   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 237568   | 42.205 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 293566   | 42.383 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 269791   | 41.508 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 83569    | 42.466 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 540372   | 42.511 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 506253   | 45.414 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.563  | 88   | 46195    | 20.494 | ng    | 99       |
| 3) Pyridine                   | 3.322  | 79   | 123594   | 20.407 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.275  | 42   | 57385    | 20.657 | ng    | 95       |
| 6) Aniline                    | 6.481  | 93   | 187745   | 21.386 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 130141   | 21.477 | ng    | 95       |
| 9) Benzaldehyde               | 6.369  | 77   | 87728    | 21.907 | ng    | 97       |
| 10) Phenol                    | 6.457  | 94   | 163370   | 23.147 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.557  | 93   | 117101   | 21.063 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.757  | 146  | 134114   | 20.982 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 134409   | 20.971 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 127923   | 21.235 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 111098   | 21.446 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.092  | 45   | 153653   | 21.155 | ng    | 99       |
| 17) 2-Methylphenol            | 7.069  | 107  | 106121   | 20.990 | ng    | 98       |
| 18) Hexachloroethane          | 7.328  | 117  | 49920    | 21.343 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 85372    | 21.352 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.222  | 107  | 136294   | 21.601 | ng    | 96       |
| 22) Acetophenone              | 7.228  | 105  | 174802   | 20.874 | ng    | # 98     |
| 24) Nitrobenzene              | 7.398  | 77   | 130545   | 20.638 | ng    | 99       |
| 25) Isophorone                | 7.634  | 82   | 230951   | 20.590 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 63674    | 20.769 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 107721   | 20.918 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 142269   | 21.031 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 105327   | 20.977 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.039  | 180  | 115880   | 20.727 | ng    | 99       |
| 31) Naphthalene               | 8.122  | 128  | 374707   | 20.972 | ng    | 100      |
| 32) Benzoic acid              | 7.839  | 122  | 64917    | 20.036 | ng    | 95       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 155713   | 21.012 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 70757    | 20.819 | ng    | 99       |
| 35) Caprolactam               | 8.522  | 113  | 30264    | 20.817 | ng    | # 86     |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 110636   | 20.986 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.810  | 142  | 251853   | 21.024 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.910  | 142  | 233150   | 20.977 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.975  | 216  | 116872   | 20.754 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 58364    | 20.098 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.086  | 196  | 72725    | 20.625 | ng    | 99       |

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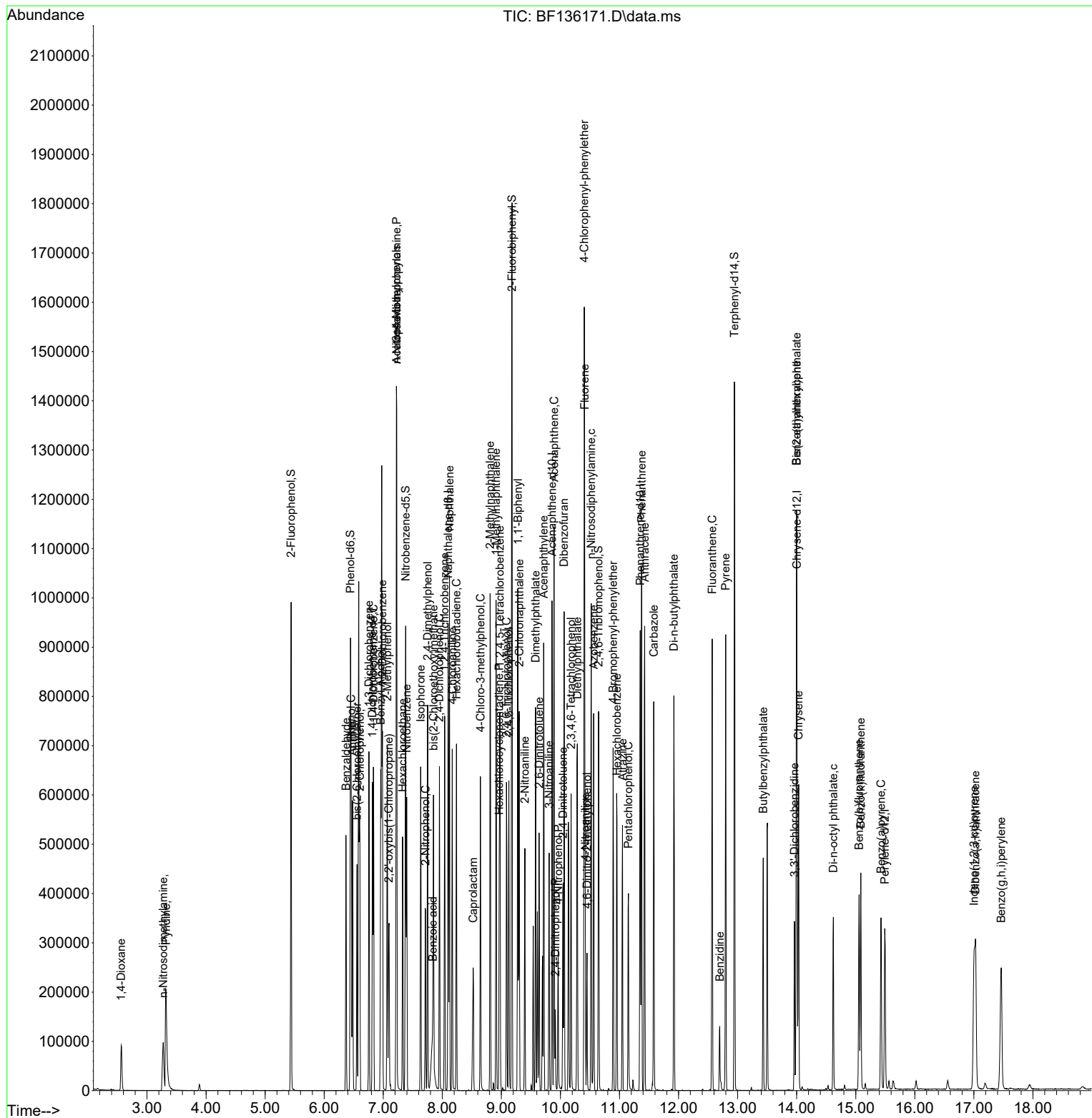
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 82295    | 20.259 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 310907   | 21.087 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 226019   | 20.973 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.398  | 65   | 68464    | 20.836 | ng    | 97       |
| 49) Acenaphthylene            | 9.716  | 152  | 348154   | 20.929 | ng    | 99       |
| 50) Dimethylphthalate         | 9.580  | 163  | 269863   | 21.257 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 57947    | 21.035 | ng    | 97       |
| 52) Acenaphthene              | 9.892  | 154  | 230946   | 22.136 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.810  | 138  | 61888    | 21.071 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 19433    | 19.800 | ng    | # 83     |
| 55) Dibenzofuran              | 10.063 | 168  | 322541   | 20.938 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 41418    | 21.220 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 74268    | 21.227 | ng    | 98       |
| 58) Fluorene                  | 10.410 | 166  | 251041   | 21.472 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 66943    | 20.859 | ng    | 97       |
| 60) Diethylphthalate          | 10.286 | 149  | 269033   | 21.124 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 129077   | 21.718 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 56223    | 21.003 | ng    | 99       |
| 63) Azobenzene                | 10.563 | 77   | 235319   | 21.117 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 33102    | 20.296 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 219819   | 20.819 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 76092    | 20.529 | ng    | 92       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 79937    | 20.314 | ng    | # 92     |
| 69) Atrazine                  | 11.051 | 200  | 58644    | 21.924 | ng    | 97       |
| 70) Pentachlorophenol         | 11.151 | 266  | 44892    | 20.397 | ng    | 97       |
| 71) Phenanthrene              | 11.374 | 178  | 359673   | 21.104 | ng    | 98       |
| 72) Anthracene                | 11.427 | 178  | 366372   | 21.060 | ng    | 98       |
| 73) Carbazole                 | 11.580 | 167  | 298376   | 21.405 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.922 | 149  | 349981   | 21.223 | ng    | 99       |
| 75) Fluoranthene              | 12.569 | 202  | 333744   | 21.444 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 60351    | 22.026 | ng    | 99       |
| 78) Pyrene                    | 12.798 | 202  | 328317   | 22.188 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 101223   | 21.468 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 219528   | 20.916 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 67519    | 20.039 | ng    | 97       |
| 83) Chrysene                  | 14.033 | 228  | 213047   | 20.748 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 116659   | 20.499 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 174186   | 18.281 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 246488   | 21.404 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 177457   | 20.450 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 187967   | 21.510 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 178802   | 20.890 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 204909   | 21.470 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 209240   | 21.624 | ng    | 96       |

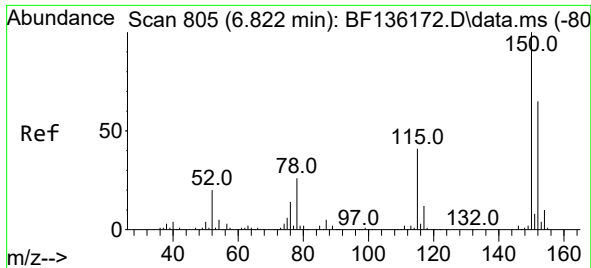
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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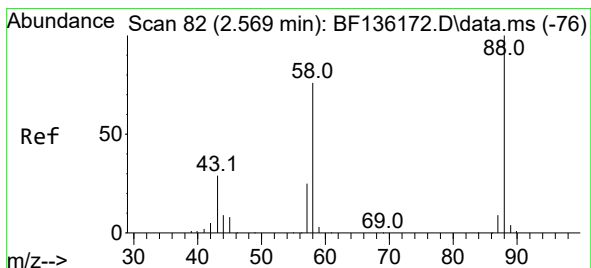
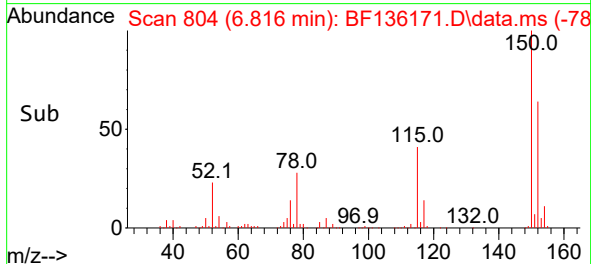
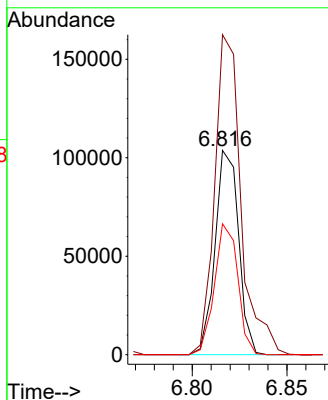
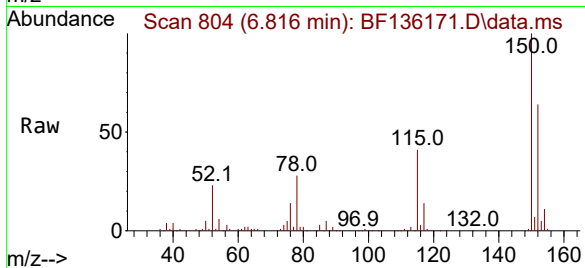




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

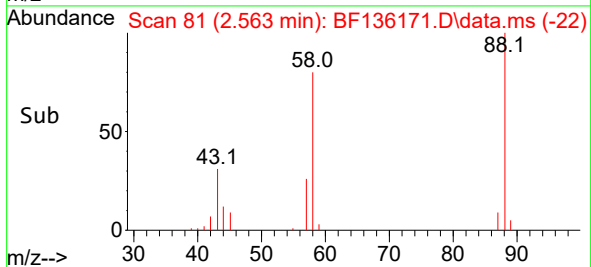
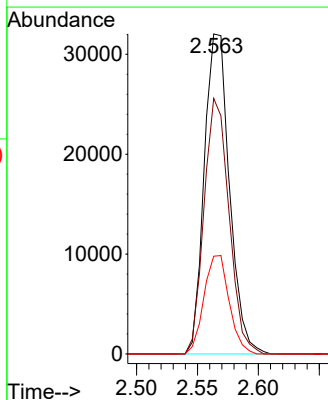
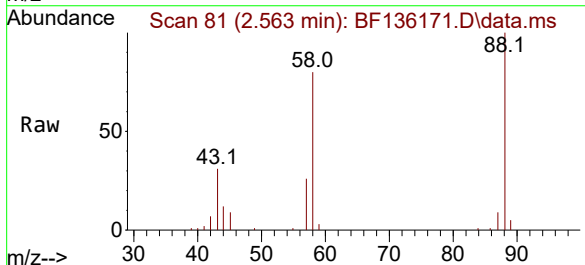
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

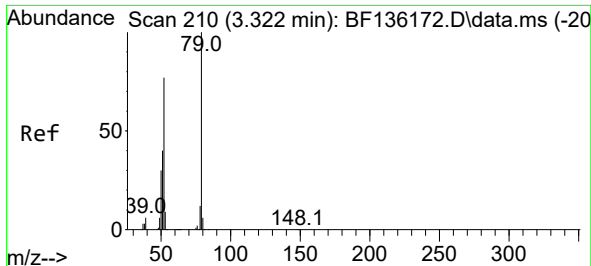
Tgt Ion:152 Resp: 89626  
Ion Ratio Lower Upper  
152 100  
150 156.7 123.1 184.7  
115 64.1 50.5 75.7



#2  
1,4-Dioxane  
Concen: 20.494 ng  
RT: 2.563 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 88 Resp: 46195  
Ion Ratio Lower Upper  
88 100  
58 79.0 62.8 94.2  
43 30.7 23.9 35.9

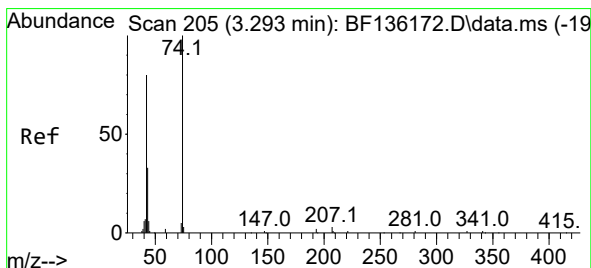
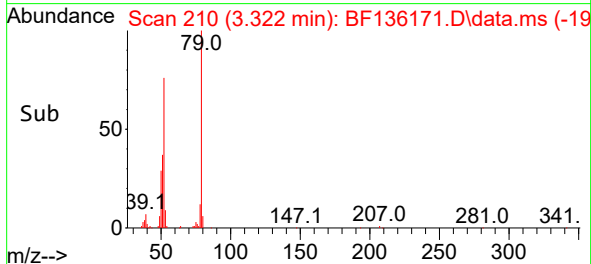
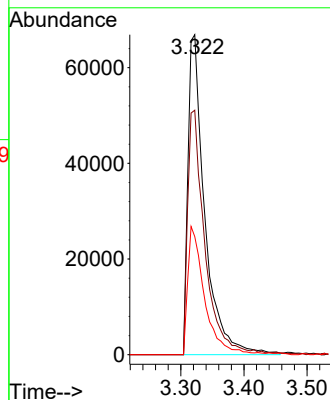
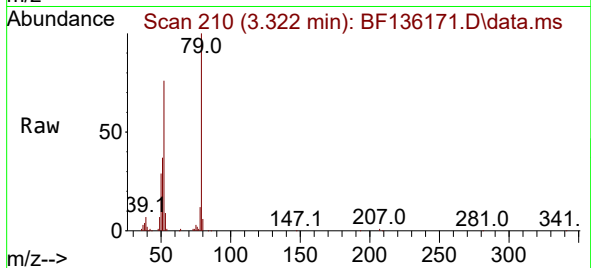




#3  
 Pyridine  
 Concen: 20.407 ng  
 RT: 3.322 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

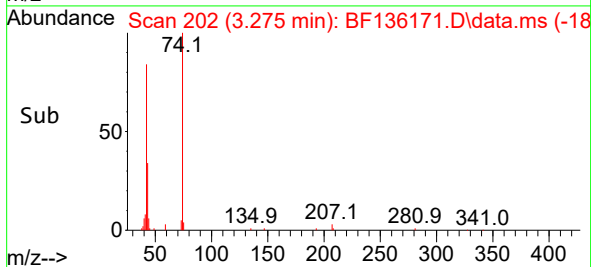
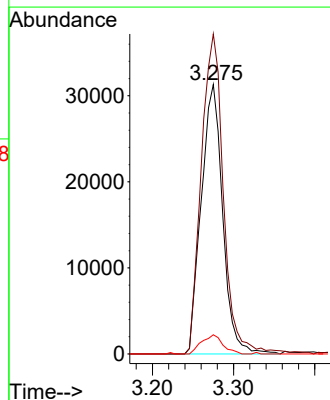
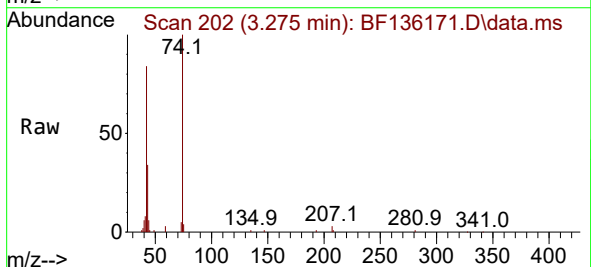
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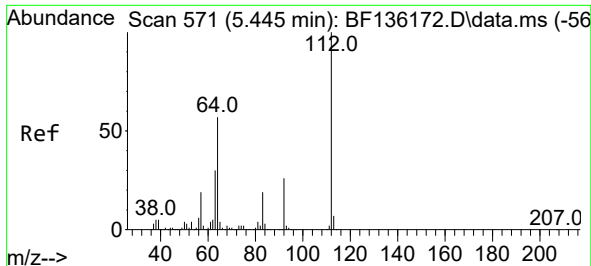
Tgt Ion: 79 Resp: 123594  
 Ion Ratio Lower Upper  
 79 100  
 52 76.4 61.8 92.6  
 51 36.9 31.6 47.4



#4  
 n-Nitrosodimethylamine  
 Concen: 20.657 ng  
 RT: 3.275 min Scan# 202  
 Delta R.T. -0.018 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

Tgt Ion: 42 Resp: 57385  
 Ion Ratio Lower Upper  
 42 100  
 74 118.8 100.2 150.2  
 44 7.1 5.6 8.4

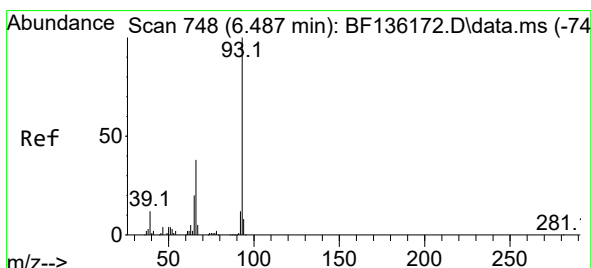
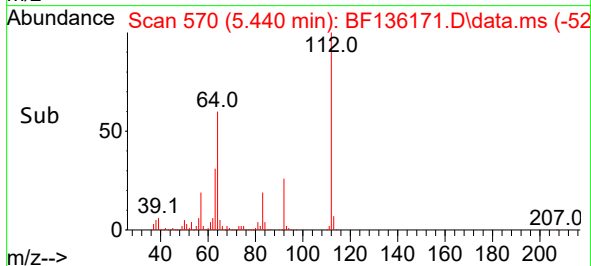
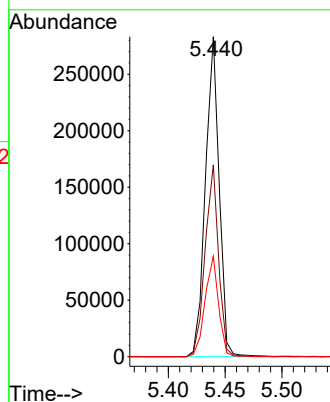
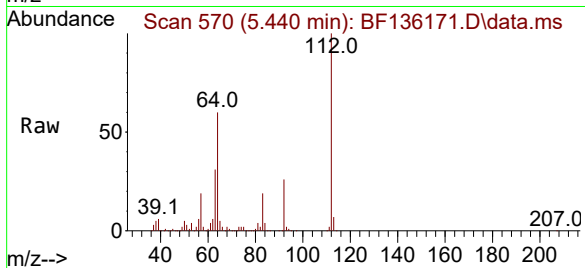




#5  
2-Fluorophenol  
Concen: 42.205 ng  
RT: 5.440 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

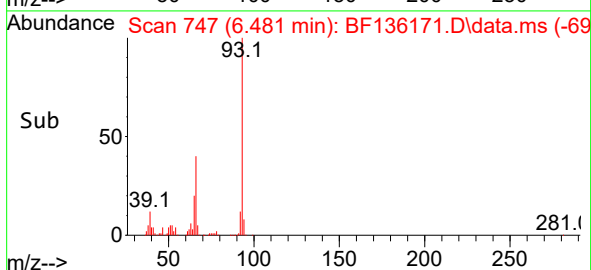
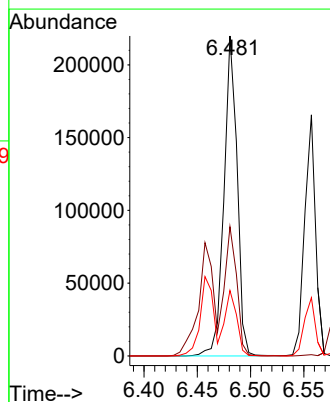
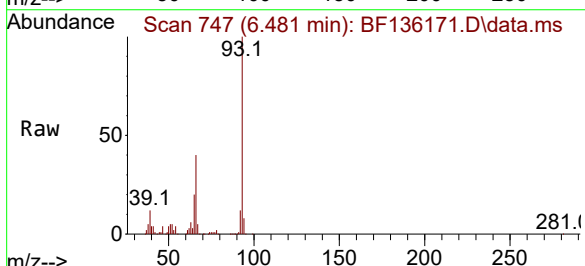
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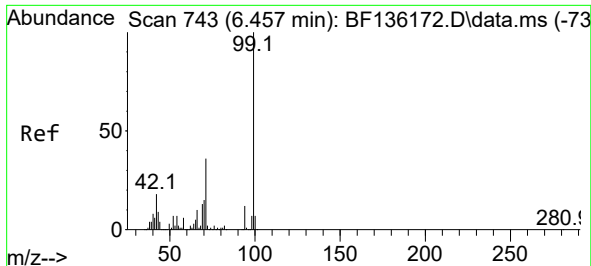
Tgt Ion: 112 Resp: 237568  
Ion Ratio Lower Upper  
112 100  
64 60.0 45.4 68.0  
63 31.4 24.4 36.6



#6  
Aniline  
Concen: 21.386 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 93 Resp: 187745  
Ion Ratio Lower Upper  
93 100  
66 40.4 31.7 47.5  
65 20.4 16.1 24.1

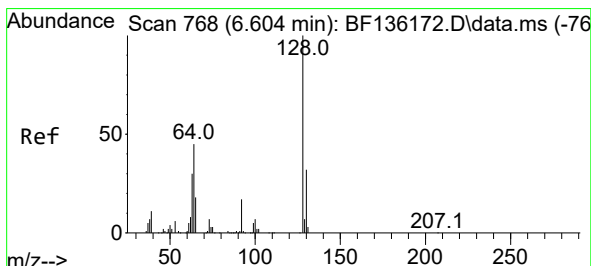
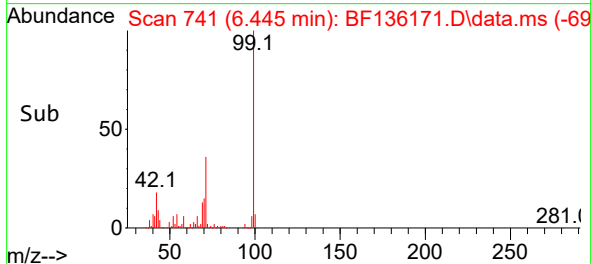
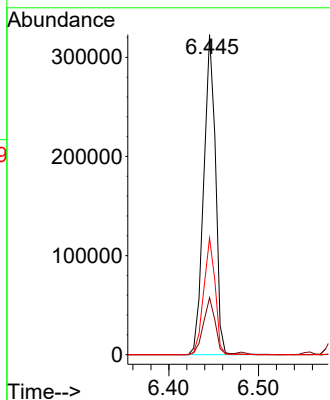
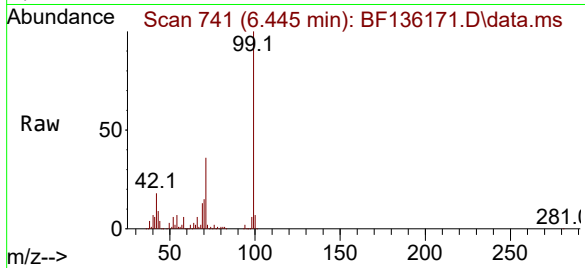




#7  
Phenol-d6  
Concen: 42.383 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

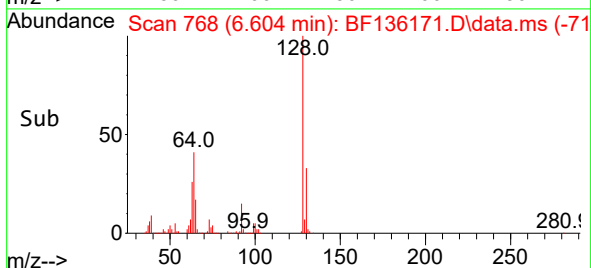
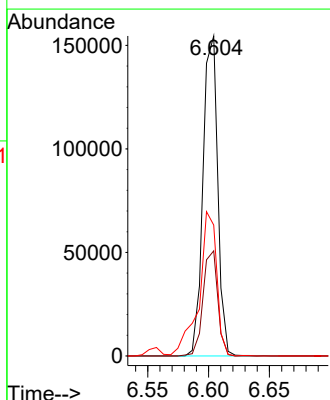
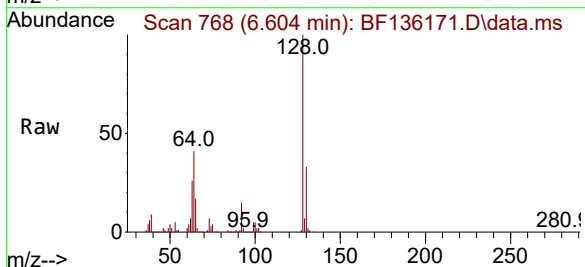
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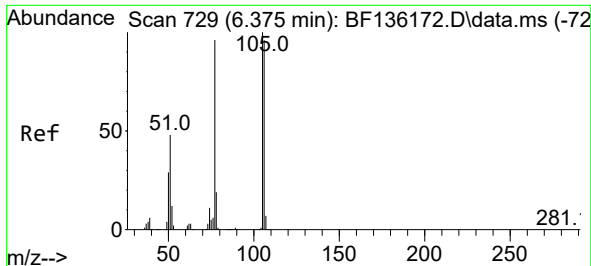
Tgt Ion: 99 Resp: 293566  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.1 21.1  
71 36.5 29.0 43.4



#8  
2-Chlorophenol  
Concen: 21.477 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 128 Resp: 130141  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.2 52.2  
64 40.9 26.5 66.5





#9

Benzaldehyde

Concen: 21.907 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

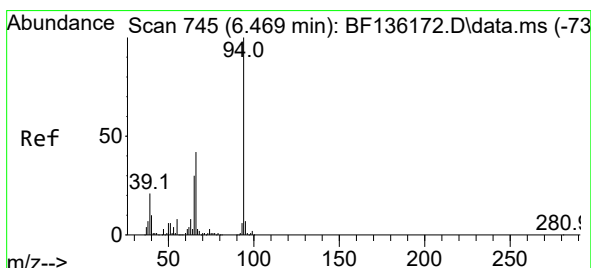
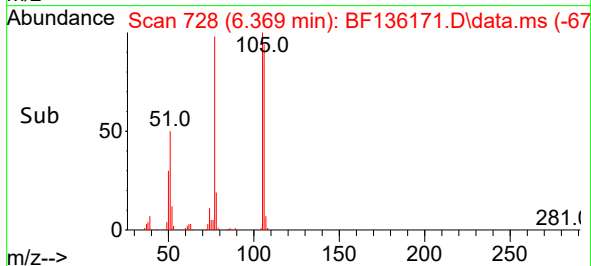
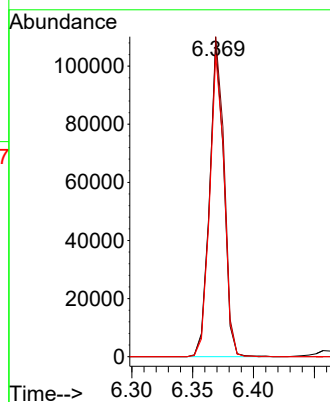
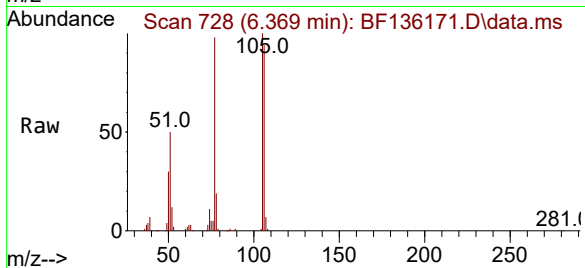
Tgt Ion: 77 Resp: 87728

Ion Ratio Lower Upper

77 100

105 102.0 83.8 123.8

106 96.3 79.8 119.8



#10

Phenol

Concen: 23.147 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.012 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

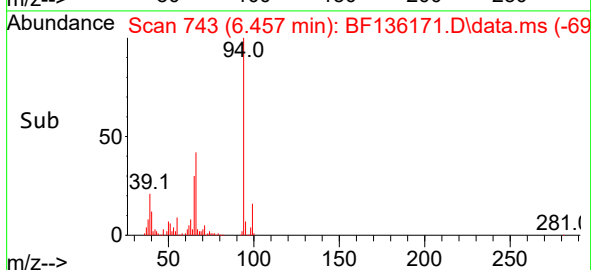
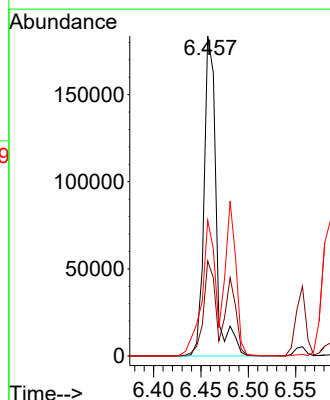
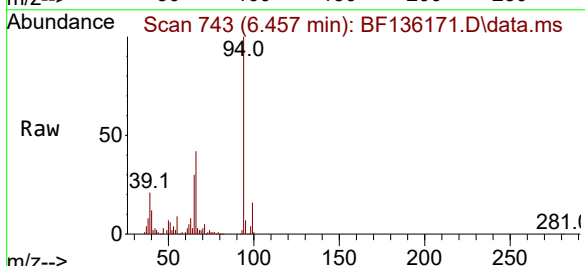
Tgt Ion: 94 Resp: 163370

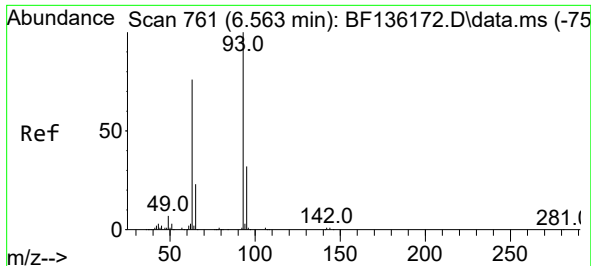
Ion Ratio Lower Upper

94 100

65 29.7 9.7 49.7

66 42.4 22.5 62.5

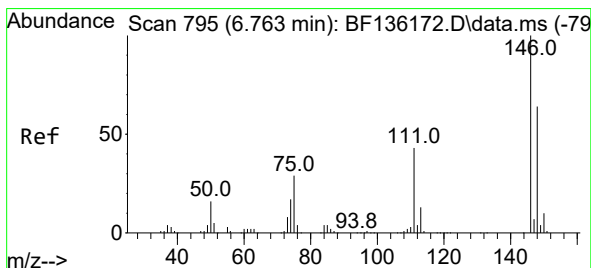
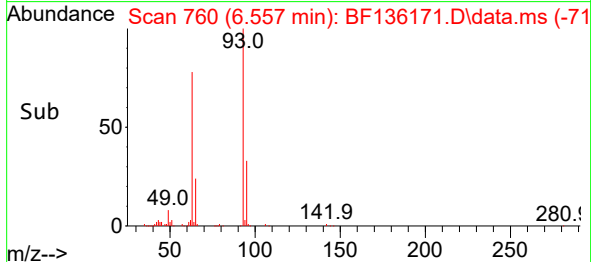
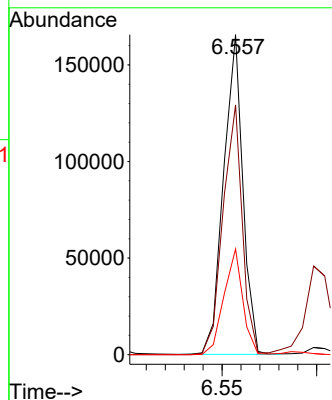
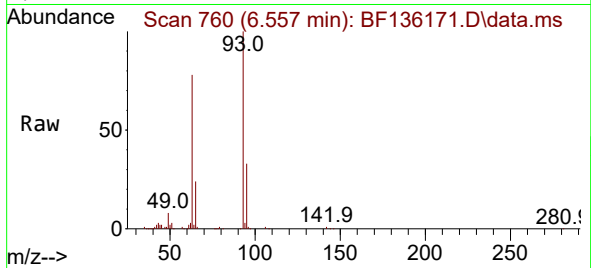




#11  
bis(2-Chloroethyl)ether  
Concen: 21.063 ng  
RT: 6.557 min Scan# 761  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

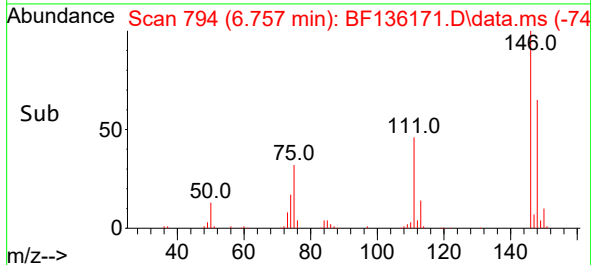
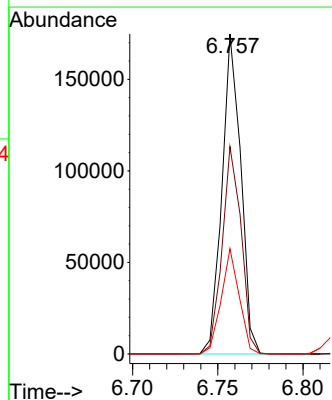
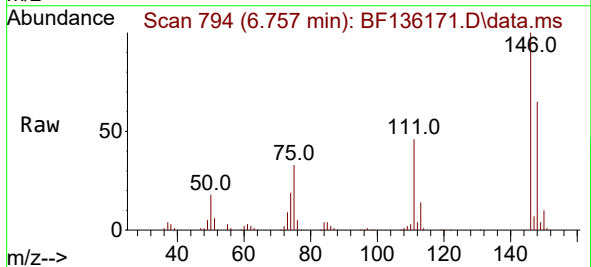
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

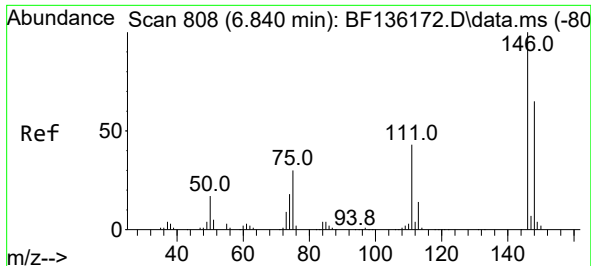
Tgt Ion: 93 Resp: 117101  
Ion Ratio Lower Upper  
93 100  
63 78.0 56.3 96.3  
95 33.1 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 20.982 ng  
RT: 6.757 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:146 Resp: 134114  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.2 76.8  
75 32.9 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 20.971 ng

RT: 6.834 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

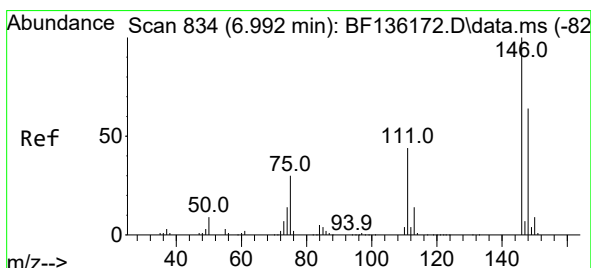
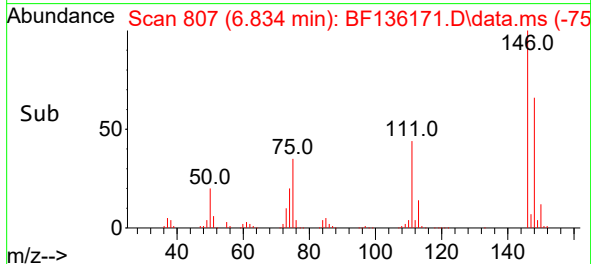
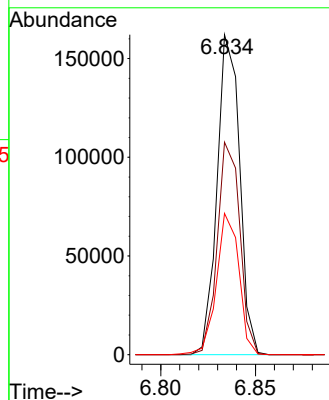
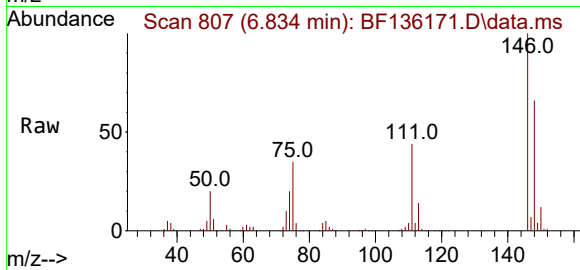
Tgt Ion:146 Resp: 134409

Ion Ratio Lower Upper

146 100

148 66.4 51.8 77.8

111 44.1 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 21.235 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

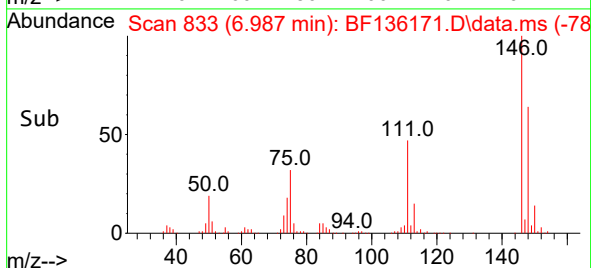
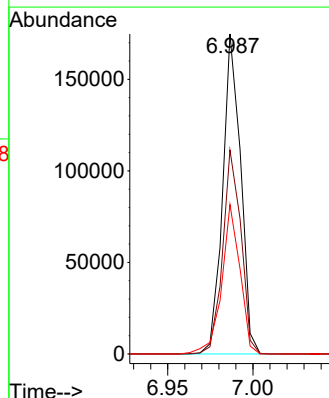
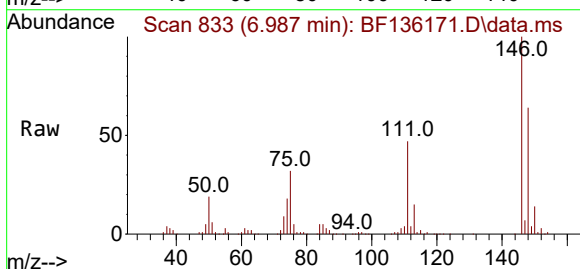
Tgt Ion:146 Resp: 127923

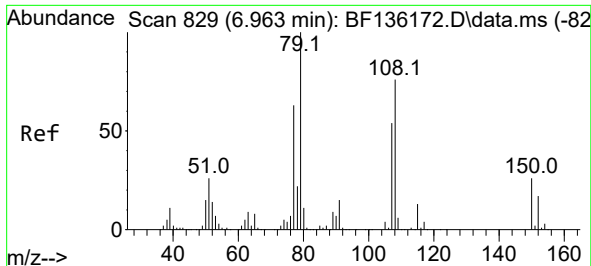
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 46.7 35.0 52.4

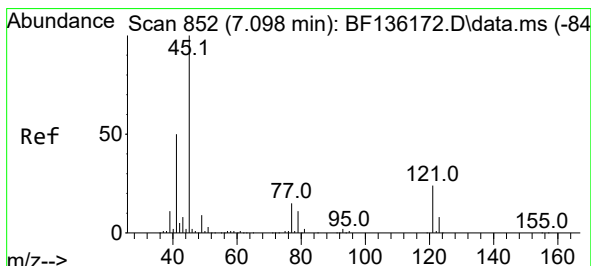
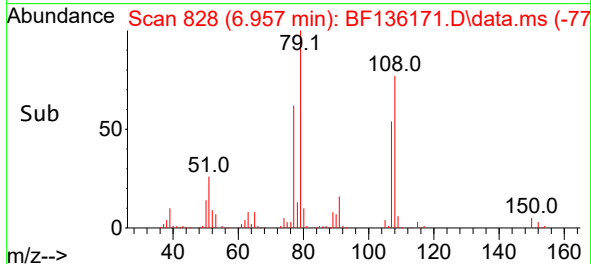
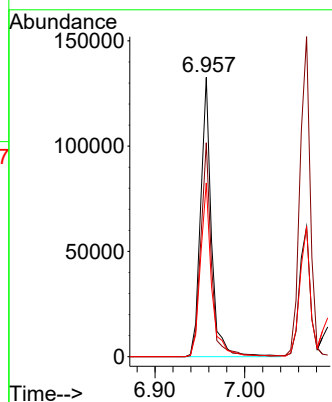
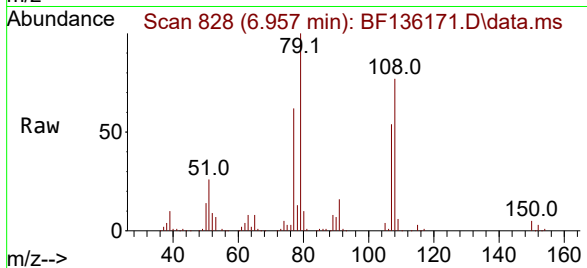




#15  
Benzyl Alcohol  
Concen: 21.446 ng  
RT: 6.957 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

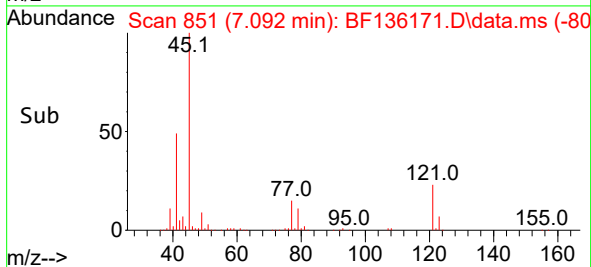
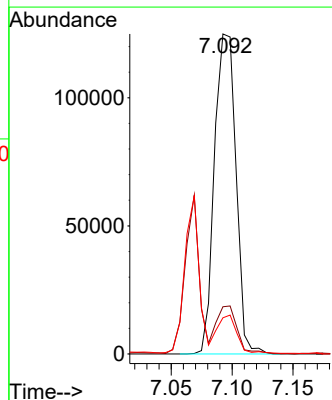
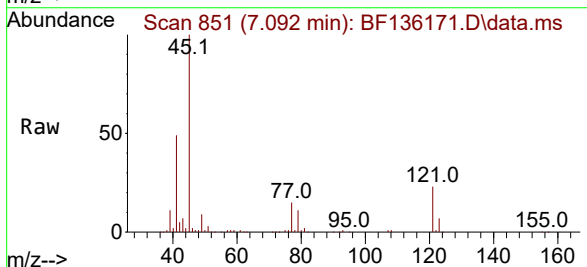
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

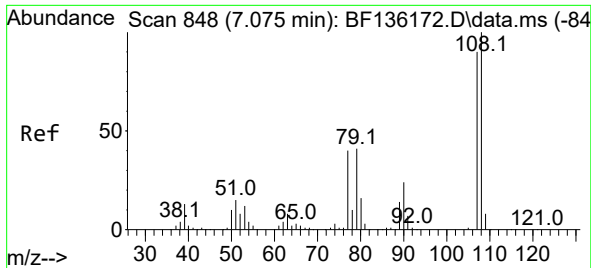
Tgt Ion: 79 Resp: 111098  
Ion Ratio Lower Upper  
79 100  
108 76.5 60.6 90.8  
77 62.2 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.155 ng  
RT: 7.092 min Scan# 851  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 45 Resp: 153653  
Ion Ratio Lower Upper  
45 100  
77 14.8 0.0 35.2  
79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 20.990 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 106121

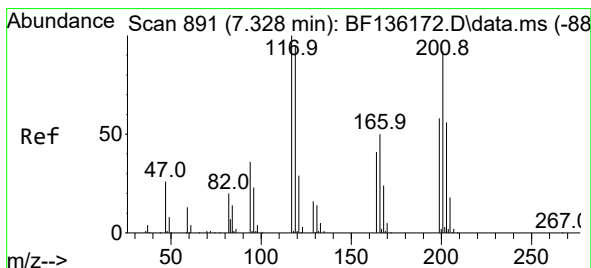
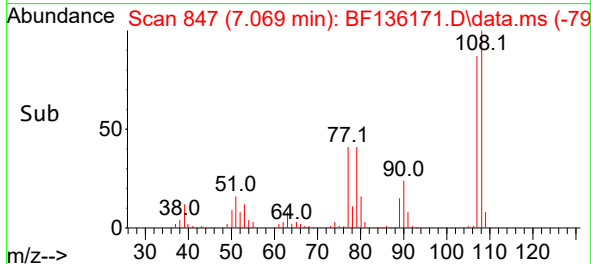
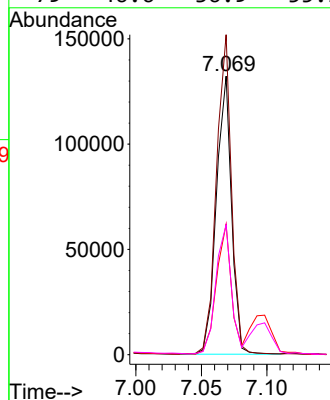
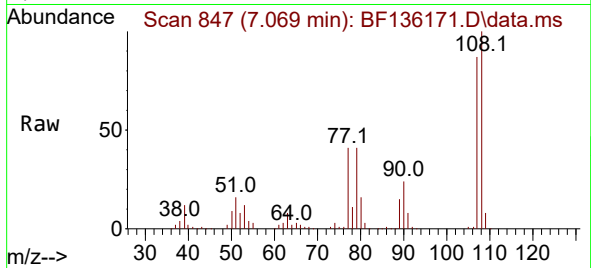
Ion Ratio Lower Upper

107 100

108 114.8 89.4 134.2

77 46.8 35.9 53.9

79 46.6 36.9 55.3



#18

Hexachloroethane

Concen: 21.343 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

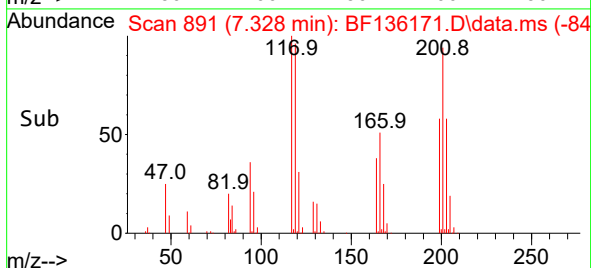
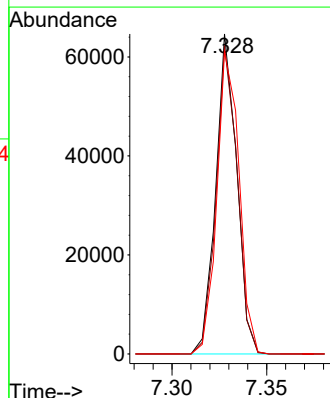
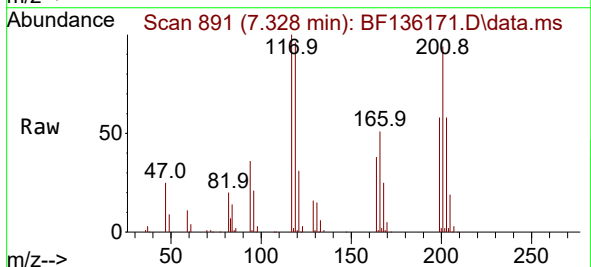
Tgt Ion:117 Resp: 49920

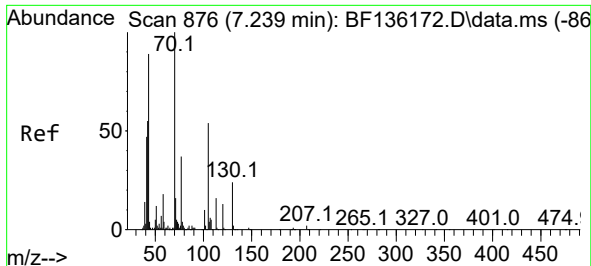
Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4

201 94.4 73.7 110.5

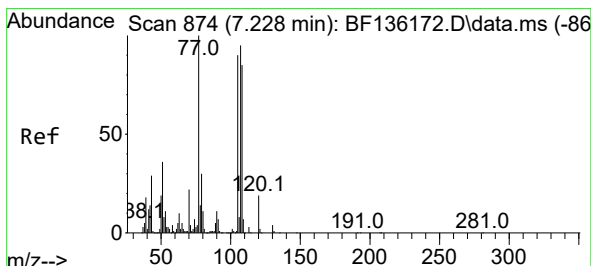
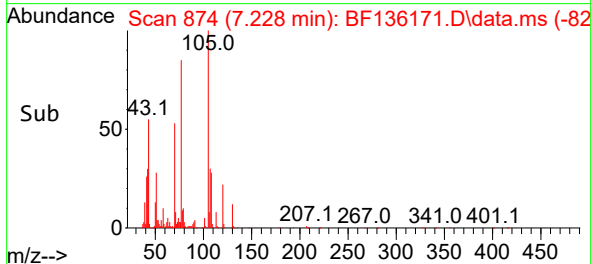
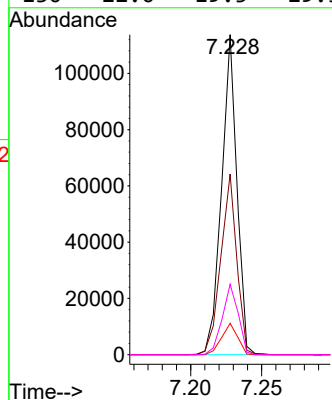
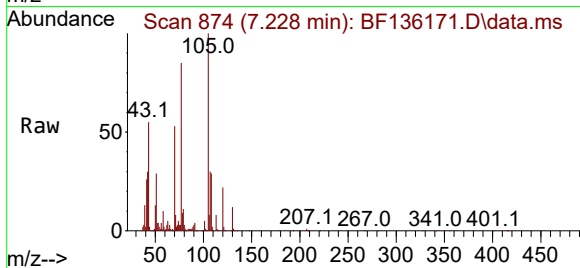




#19  
n-Nitroso-di-n-propylamine  
Concen: 21.352 ng  
RT: 7.228 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

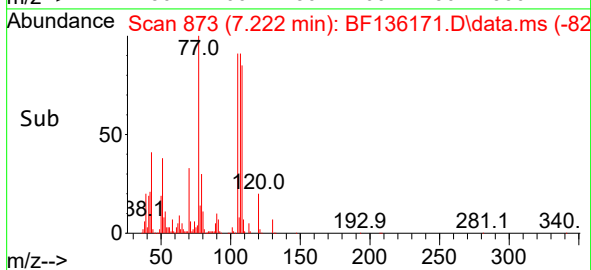
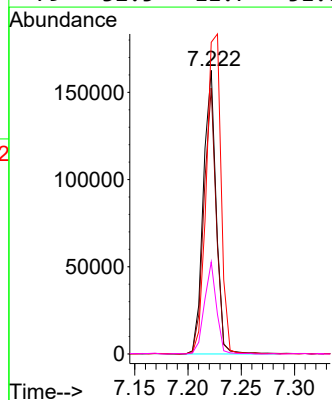
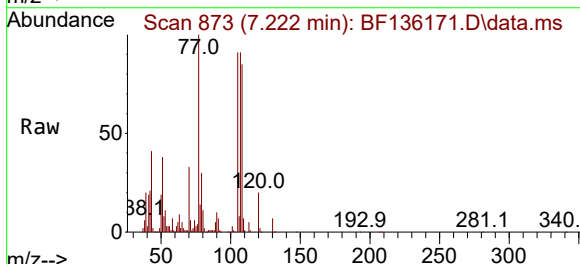
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

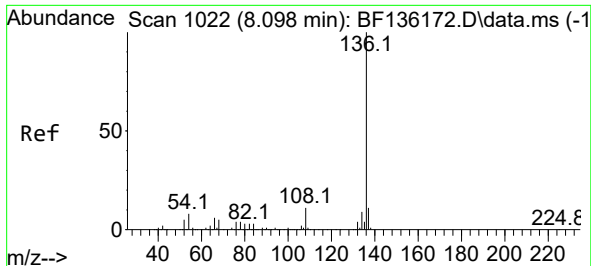
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 85372 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.5  | 43.9  | 65.9  |
| 101      | 9.8   | 8.1   | 12.1  |
| 130      | 22.0  | 19.5  | 29.3  |



#20  
3+4-Methylphenols  
Concen: 21.601 ng  
RT: 7.222 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 136294 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.8  | 70.1  | 110.1  |
| 77       | 109.9 | 85.7  | 125.7  |
| 79       | 32.5  | 11.7  | 51.7   |

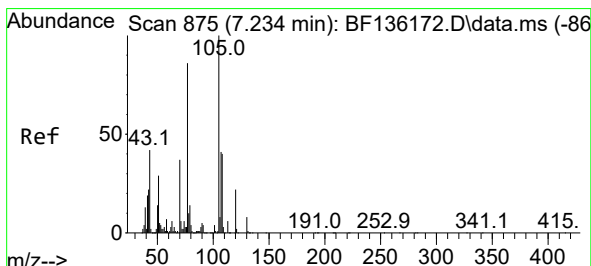
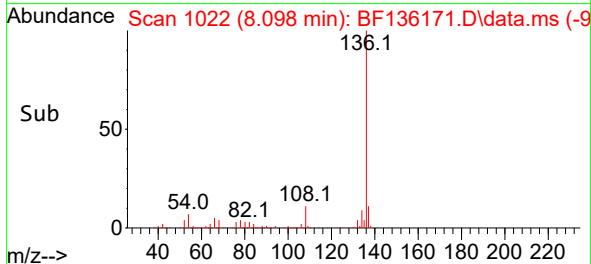
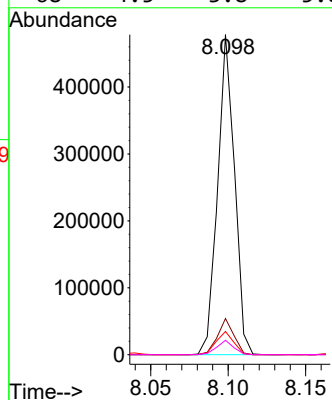
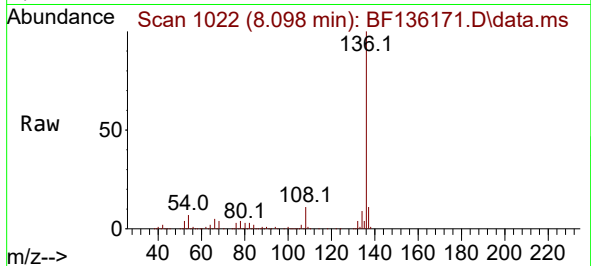




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

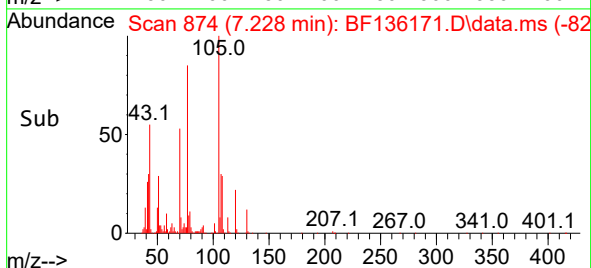
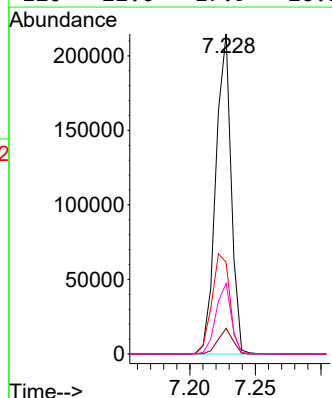
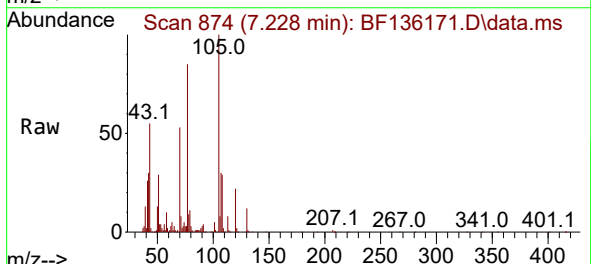
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

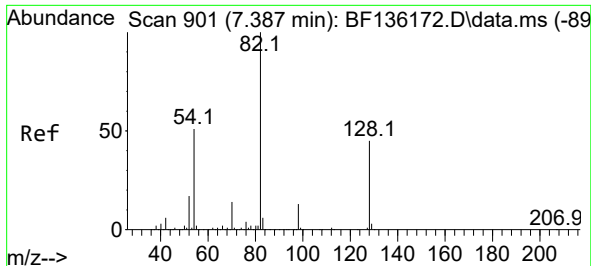
Tgt Ion:136 Resp: 362705  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 7.3 6.3 9.5  
68 4.5 3.8 5.8



#22  
Acetophenone  
Concen: 20.874 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:105 Resp: 174802  
Ion Ratio Lower Upper  
105 100  
71 8.0 5.0 7.4#  
51 28.6 23.5 35.3  
120 22.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 41.508 ng

RT: 7.381 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

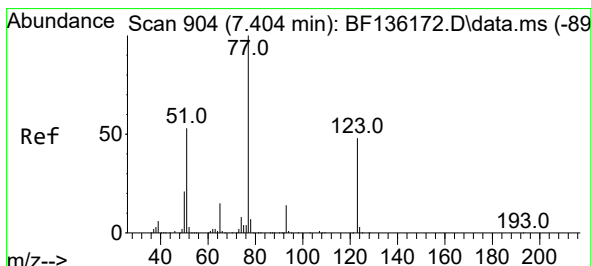
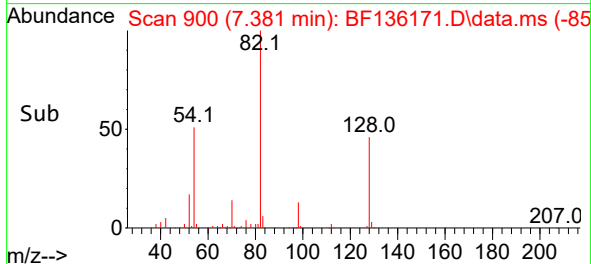
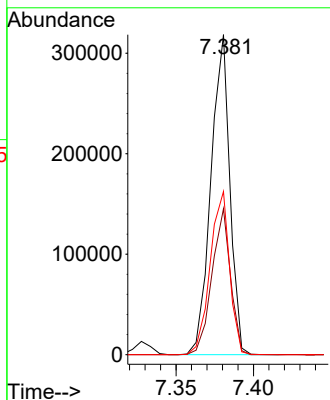
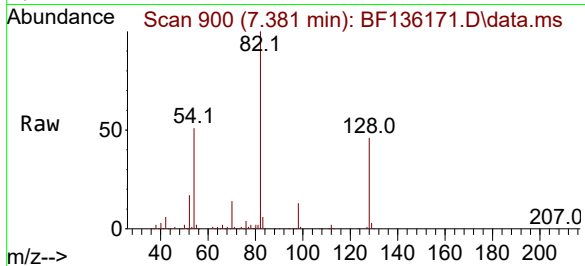
Tgt Ion: 82 Resp: 269791

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 51.0 40.6 60.8



#24

Nitrobenzene

Concen: 20.638 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

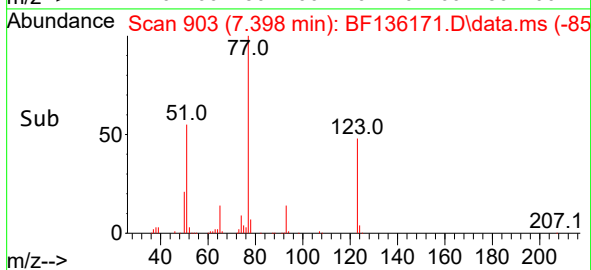
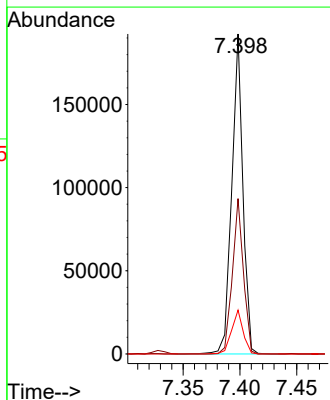
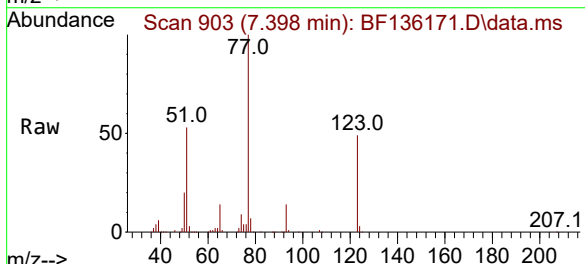
Tgt Ion: 77 Resp: 130545

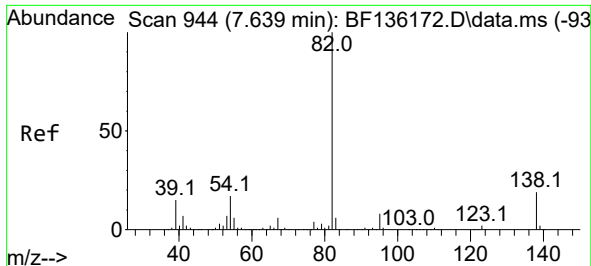
Ion Ratio Lower Upper

77 100

123 48.5 38.8 58.2

65 13.7 11.7 17.5

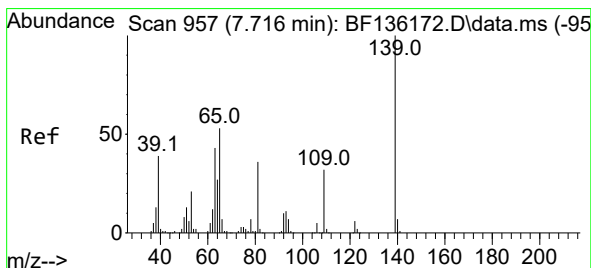
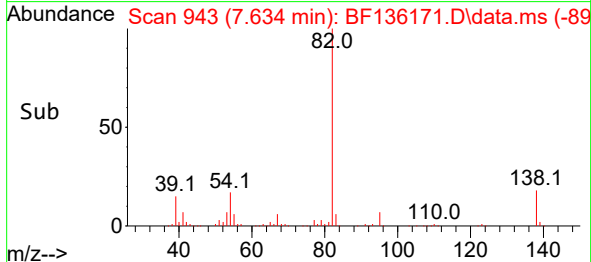
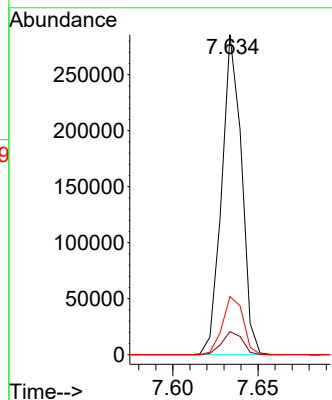
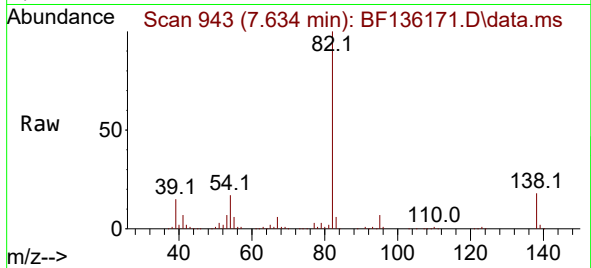




#25  
Isophorone  
Concen: 20.590 ng  
RT: 7.634 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

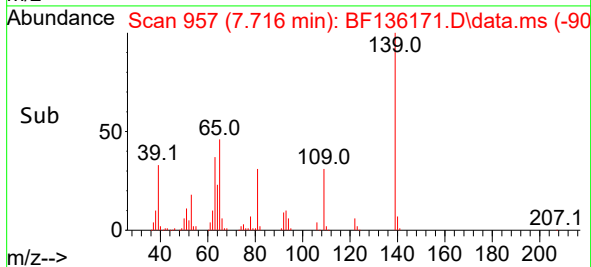
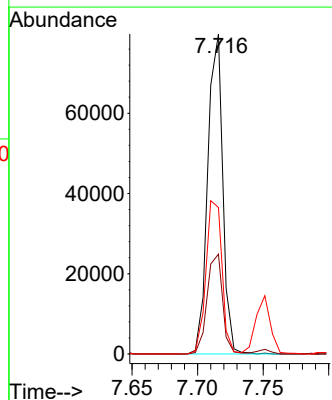
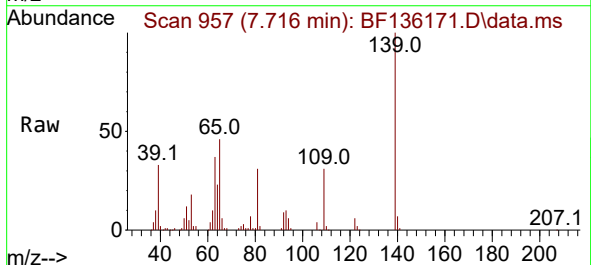
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

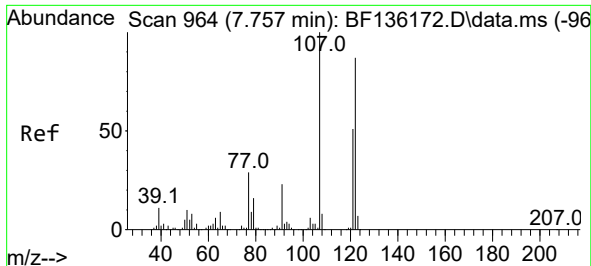
Tgt Ion: 82 Resp: 230951  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.2 9.4  
138 18.2 14.8 22.2



#26  
2-Nitrophenol  
Concen: 20.769 ng  
RT: 7.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:139 Resp: 63674  
Ion Ratio Lower Upper  
139 100  
109 31.2 25.8 38.8  
65 45.8 42.7 64.1

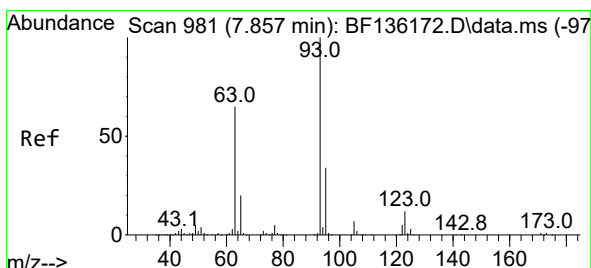
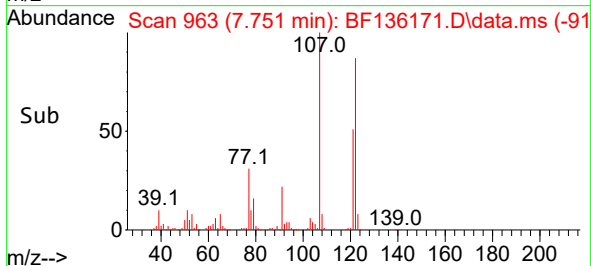
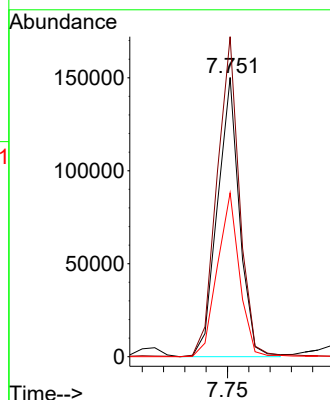
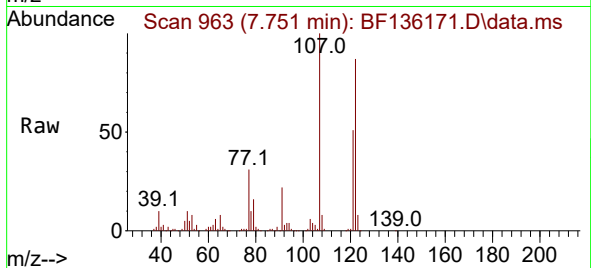




#27  
2,4-Dimethylphenol  
Concen: 20.918 ng  
RT: 7.751 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

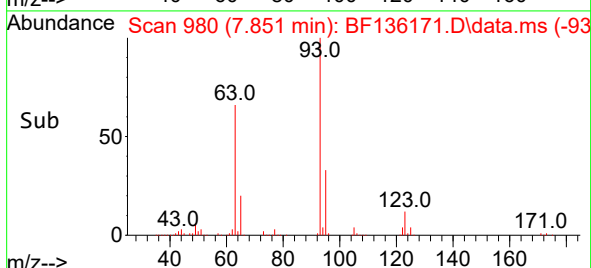
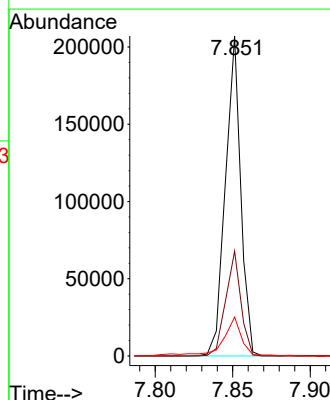
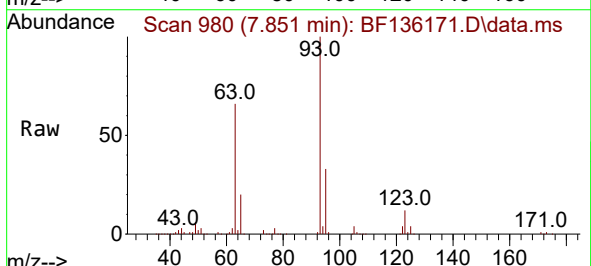
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

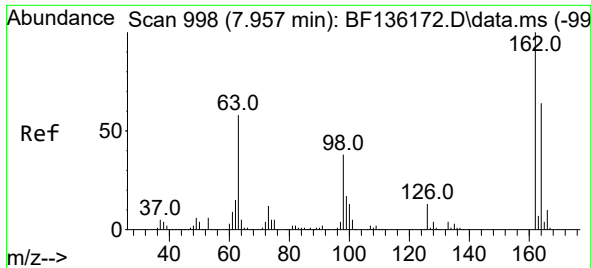
Tgt Ion:122 Resp: 107721  
Ion Ratio Lower Upper  
122 100  
107 114.6 91.8 137.8  
121 58.7 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 21.031 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 93 Resp: 142269  
Ion Ratio Lower Upper  
93 100  
95 32.8 27.2 40.8  
123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 20.977 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

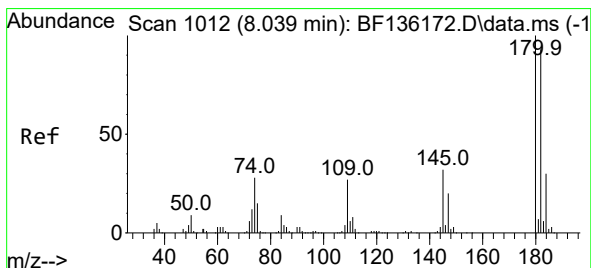
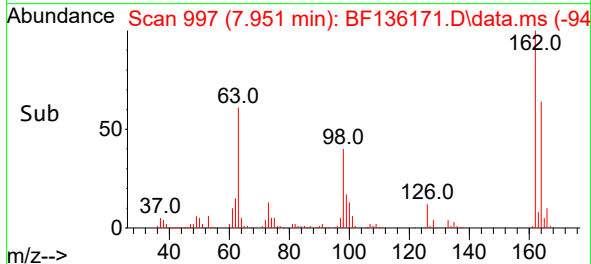
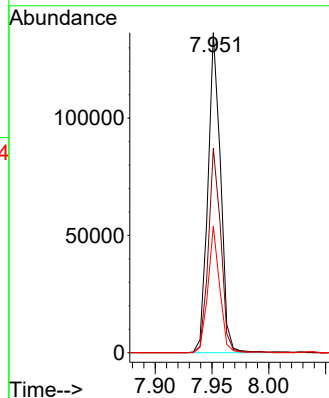
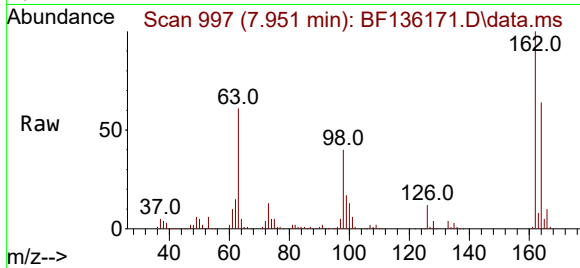
Tgt Ion:162 Resp: 105327

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 39.6 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 20.727 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

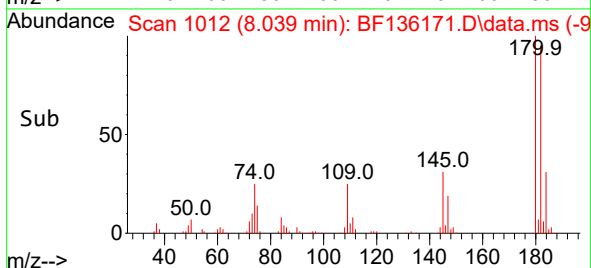
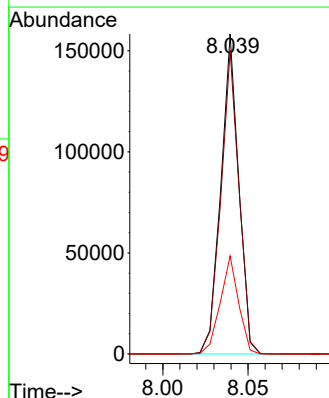
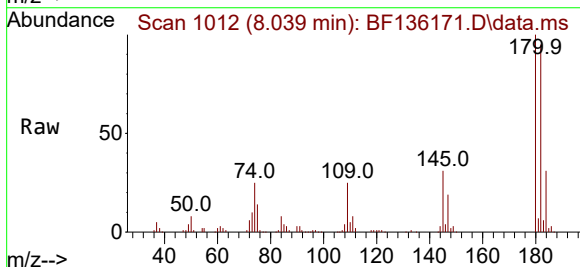
Tgt Ion:180 Resp: 115880

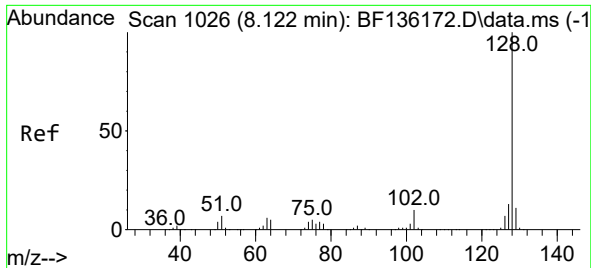
Ion Ratio Lower Upper

180 100

182 94.9 74.8 112.2

145 30.7 25.3 37.9

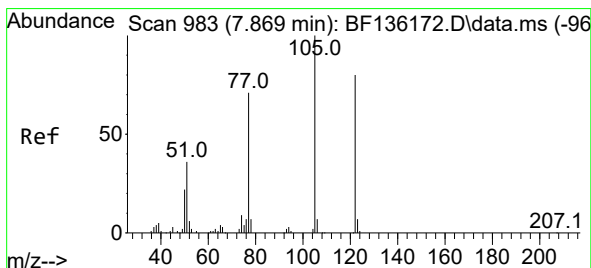
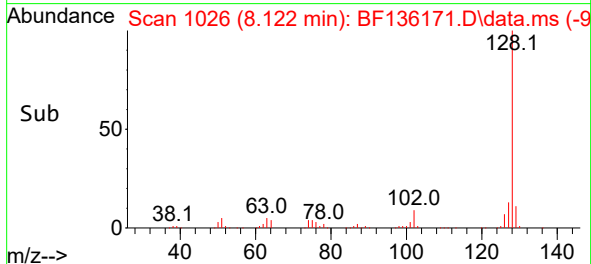
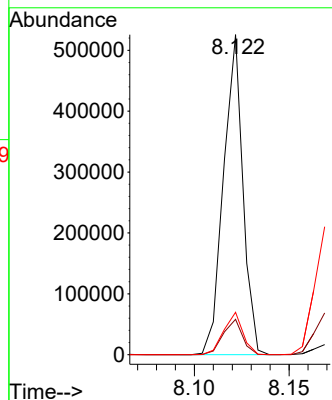
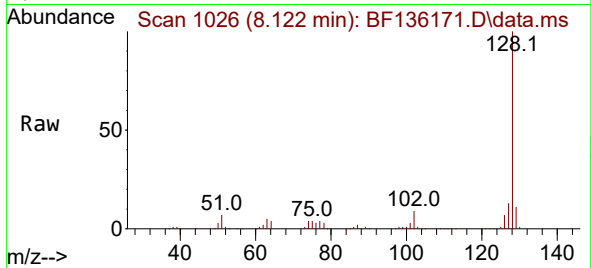




#31  
Naphthalene  
Concen: 20.972 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

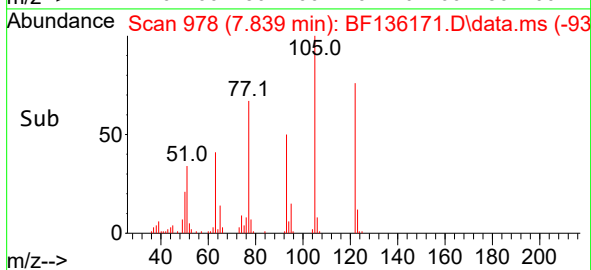
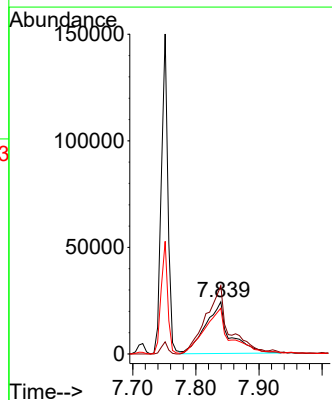
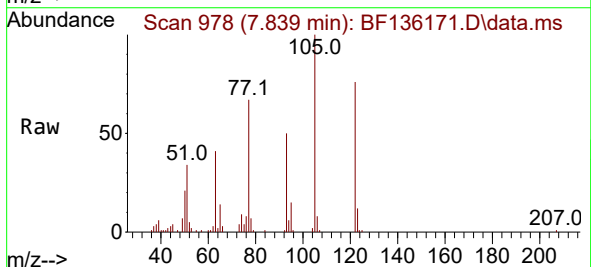
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

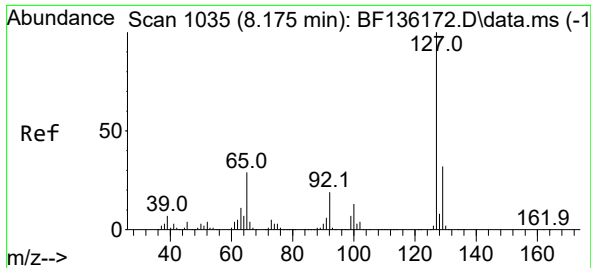
Tgt Ion:128 Resp: 374707  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 20.036 ng  
RT: 7.839 min Scan# 978  
Delta R.T. -0.029 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:122 Resp: 64917  
Ion Ratio Lower Upper  
122 100  
105 131.0 102.5 142.5  
77 87.7 68.1 108.1

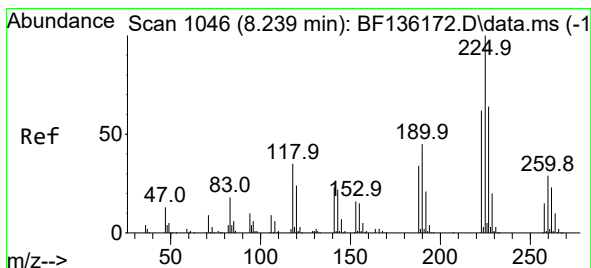
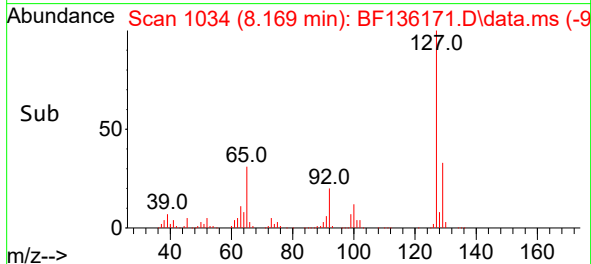
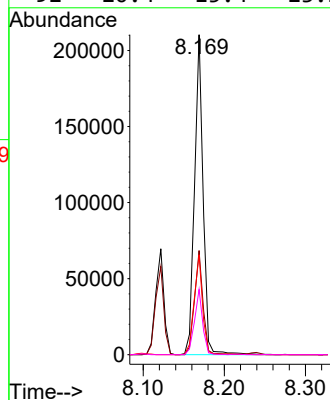
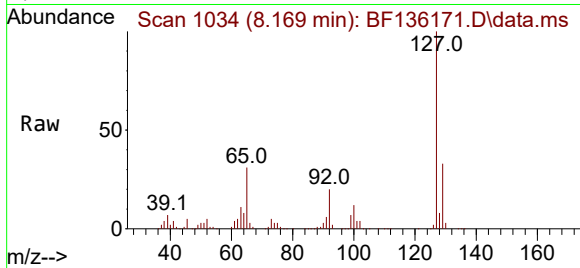




#33  
4-Chloroaniline  
Concen: 21.012 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

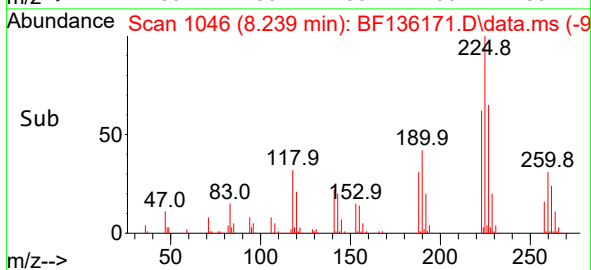
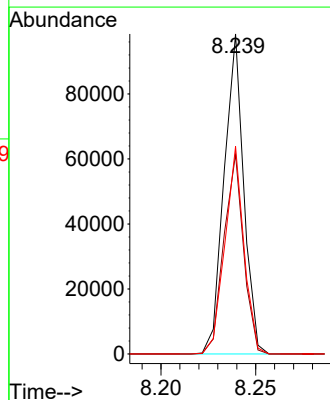
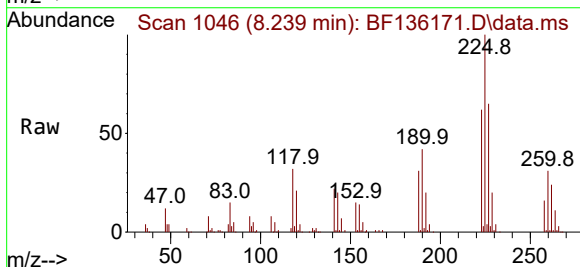
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

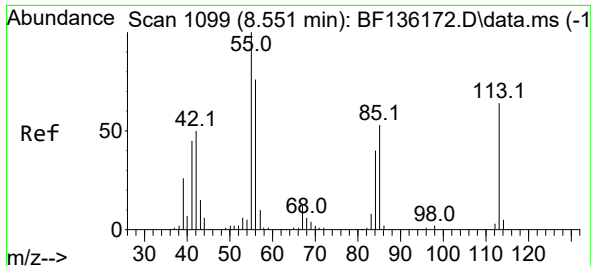
Tgt Ion:127 Resp: 155713  
Ion Ratio Lower Upper  
127 100  
129 32.6 25.7 38.5  
65 31.2 23.3 34.9  
92 20.4 15.4 23.2



#34  
Hexachlorobutadiene  
Concen: 20.819 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:225 Resp: 70757  
Ion Ratio Lower Upper  
225 100  
223 62.4 49.8 74.6  
227 64.9 51.1 76.7

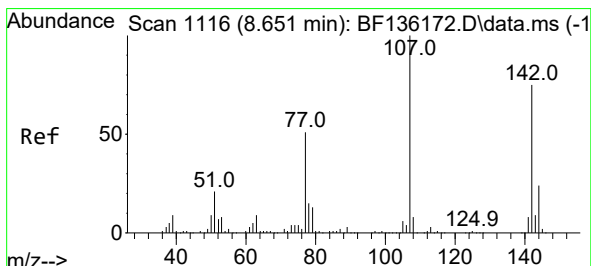
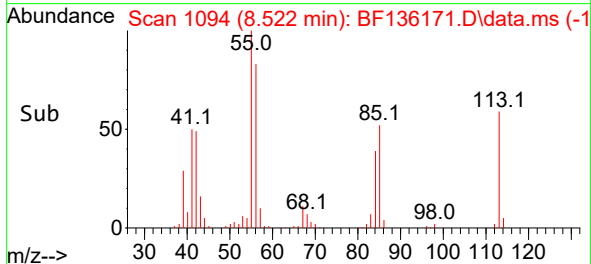
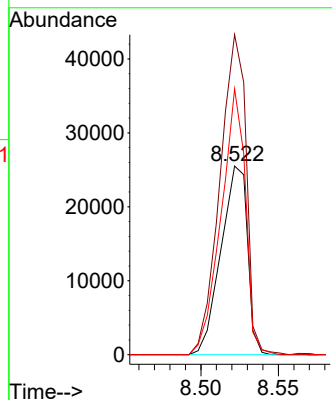
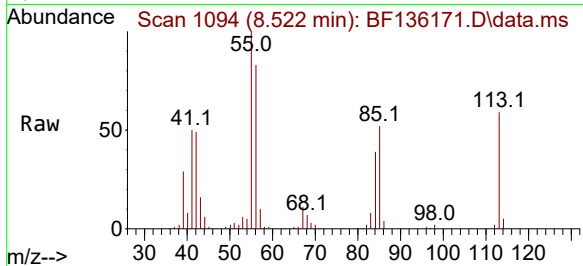




#35  
 Caprolactam  
 Concen: 20.817 ng  
 RT: 8.522 min Scan# 1109  
 Delta R.T. -0.029 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

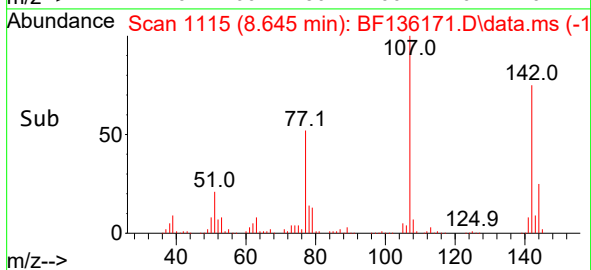
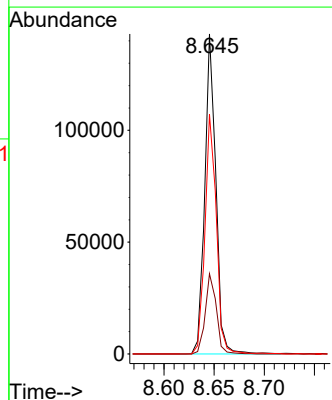
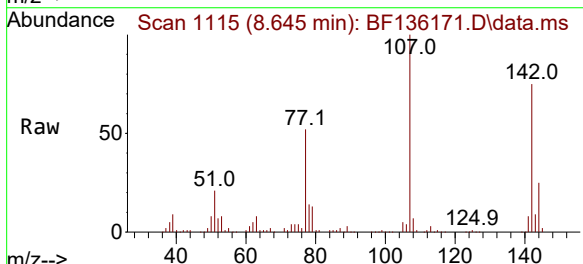
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

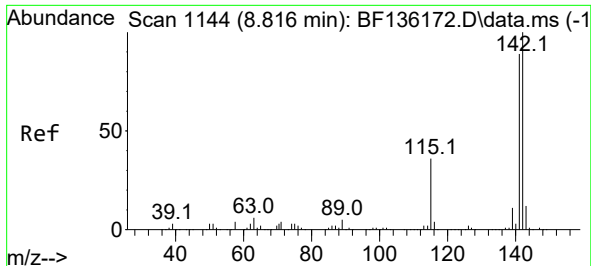
Tgt Ion:113 Resp: 30264  
 Ion Ratio Lower Upper  
 113 100  
 55 169.6 137.2 177.2  
 56 140.8 99.8 139.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 20.986 ng  
 RT: 8.645 min Scan# 1115  
 Delta R.T. -0.006 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

Tgt Ion:107 Resp: 110636  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 19.4 29.0  
 142 74.9 59.9 89.9





#37

2-Methylnaphthalene

Concen: 21.024 ng

RT: 8.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

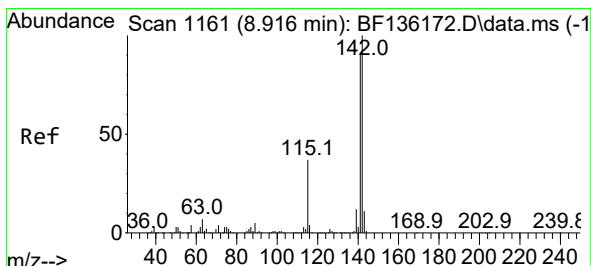
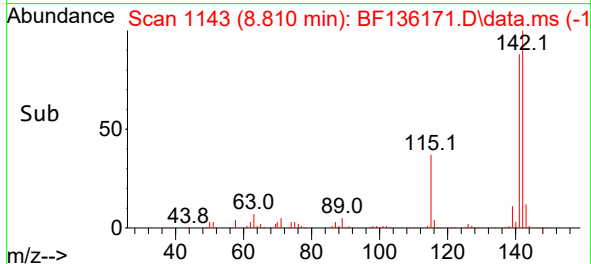
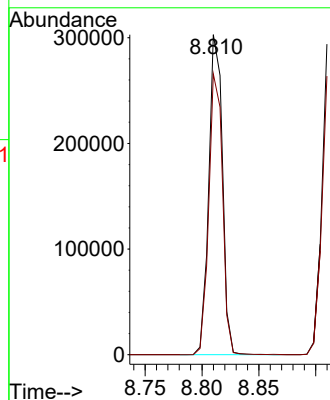
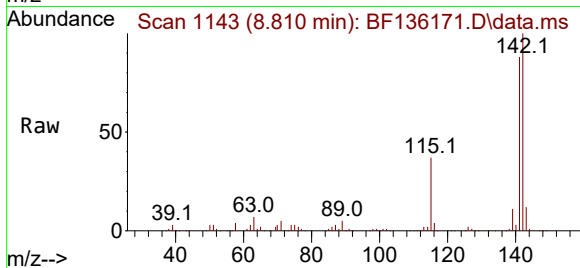
SSTDICC020

Tgt Ion:142 Resp: 251853

Ion Ratio Lower Upper

142 100

141 87.7 71.4 107.0



#38

1-Methylnaphthalene

Concen: 20.977 ng

RT: 8.910 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF136171.D

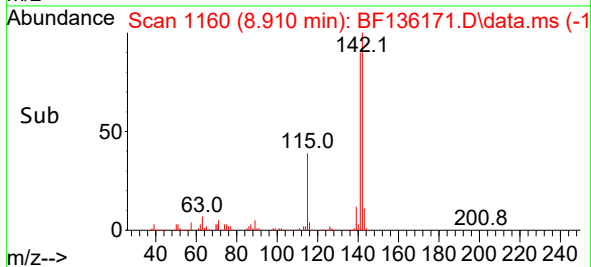
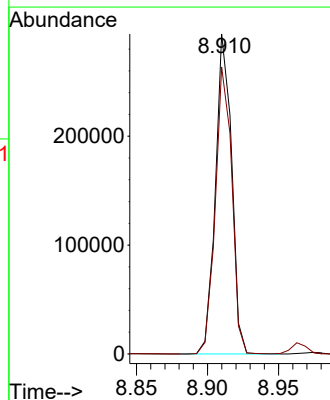
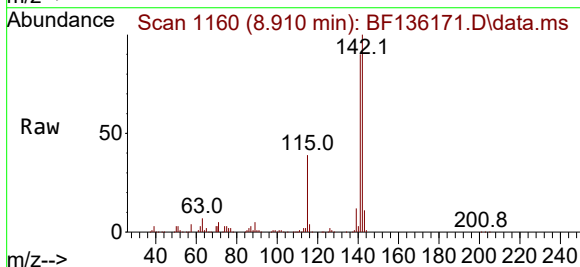
Acq: 07 Nov 2023 12:01

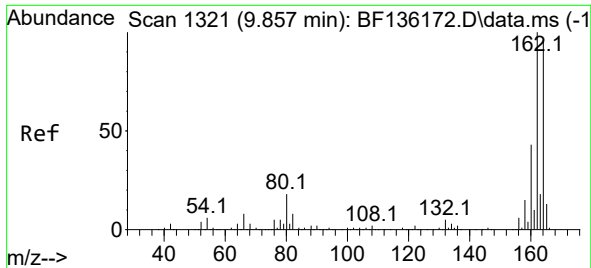
Tgt Ion:142 Resp: 233150

Ion Ratio Lower Upper

142 100

141 89.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF136171.D

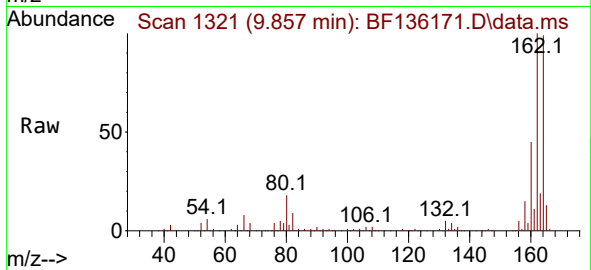
Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



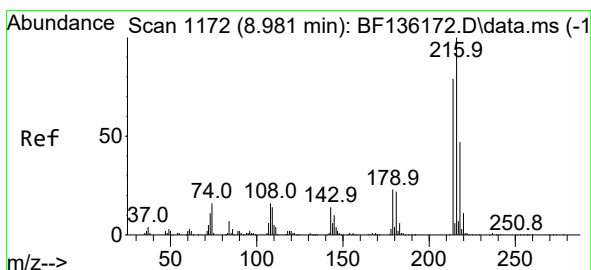
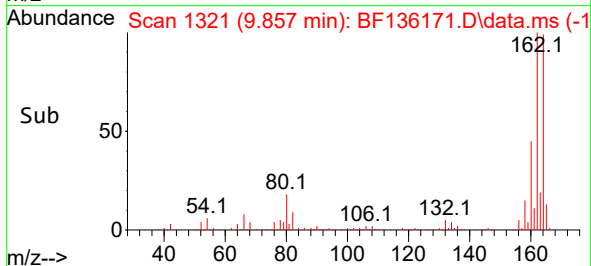
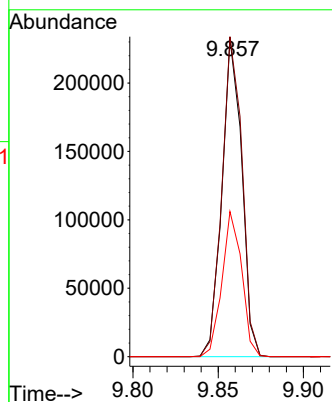
Tgt Ion:164 Resp: 187897

Ion Ratio Lower Upper

164 100

162 100.6 83.2 124.8

160 45.6 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.754 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Tgt Ion:216 Resp: 116872

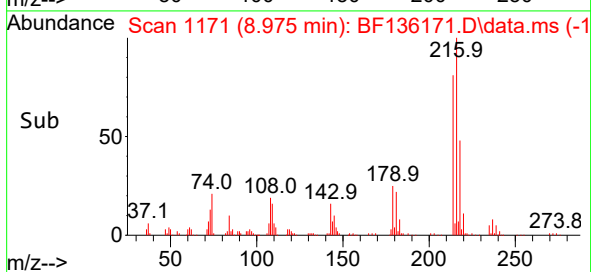
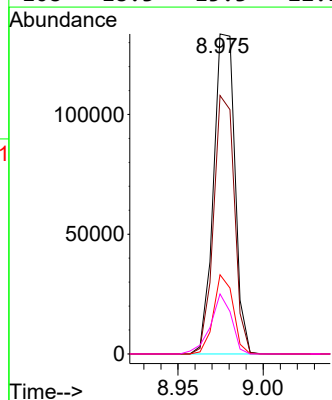
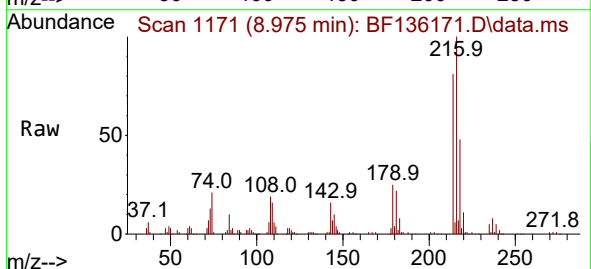
Ion Ratio Lower Upper

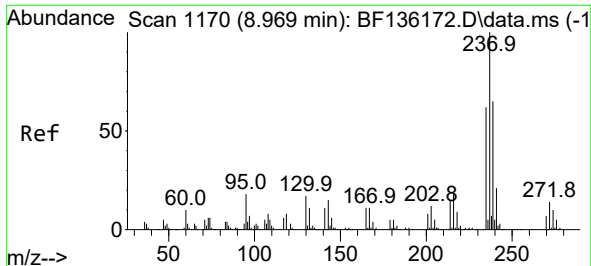
216 100

214 78.4 63.8 95.8

179 22.6 18.0 27.0

108 18.3 15.3 22.9

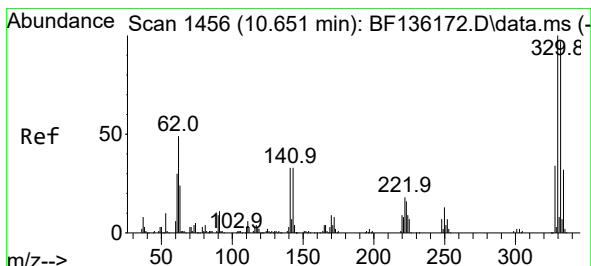
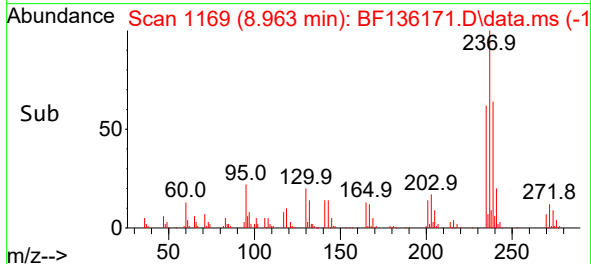
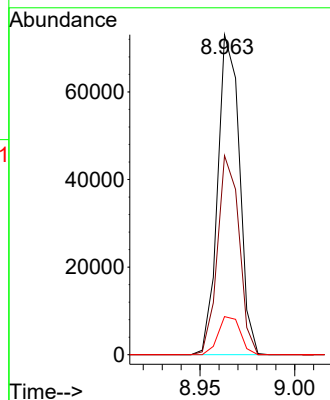
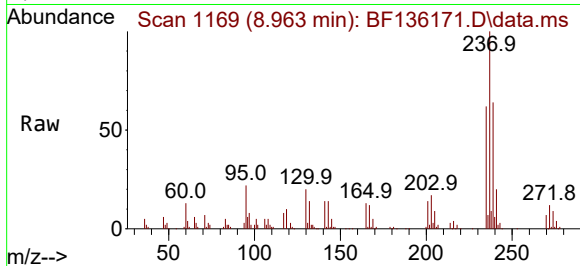




#41  
Hexachlorocyclopentadiene  
Concen: 20.098 ng  
RT: 8.963 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

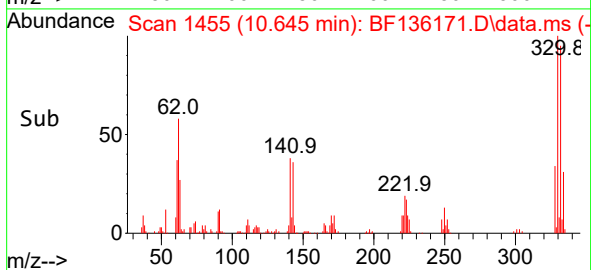
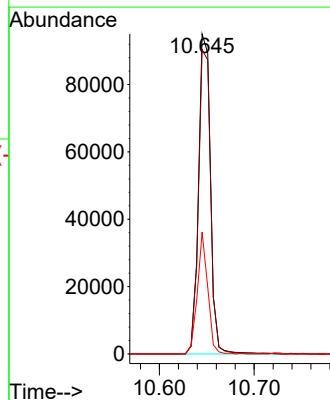
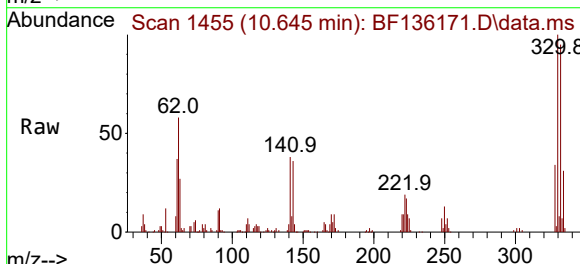
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

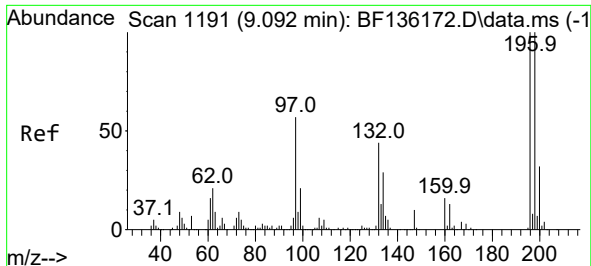
Tgt Ion:237 Resp: 58364  
Ion Ratio Lower Upper  
237 100  
235 62.2 42.3 82.3  
272 11.9 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 42.466 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:330 Resp: 83569  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.6 116.4  
141 33.0 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 20.625 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

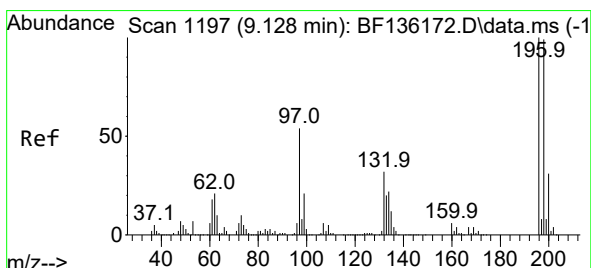
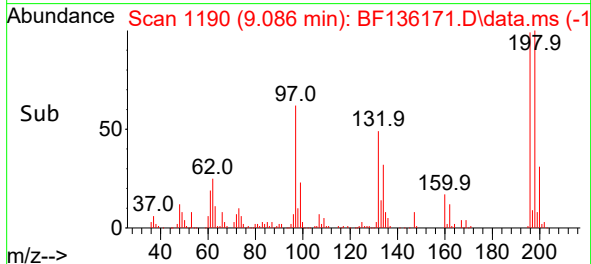
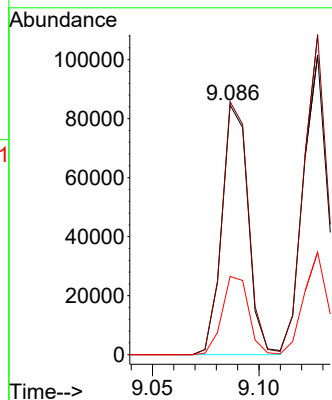
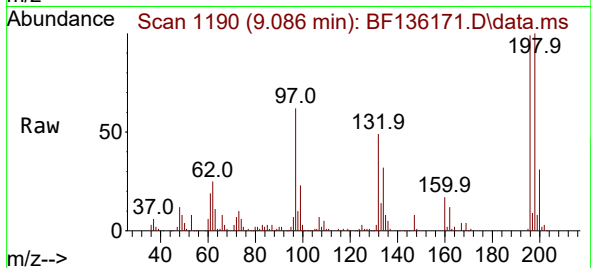
Tgt Ion:196 Resp: 72725

Ion Ratio Lower Upper

196 100

198 101.3 80.2 120.4

200 31.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 20.259 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Tgt Ion:196 Resp: 82295

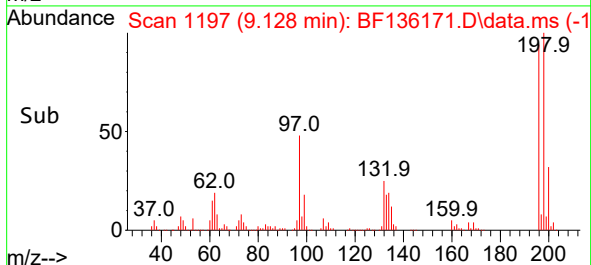
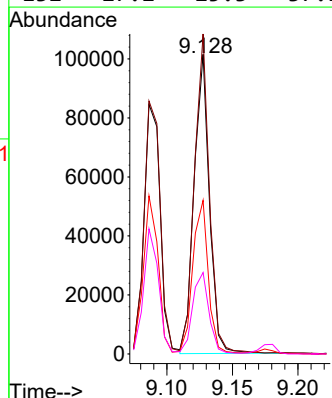
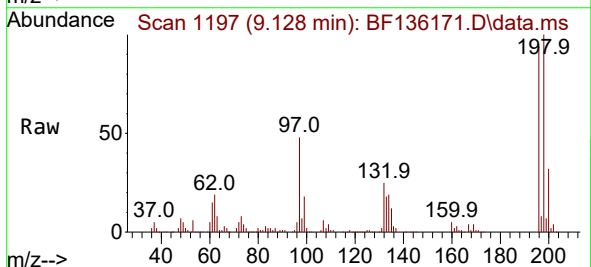
Ion Ratio Lower Upper

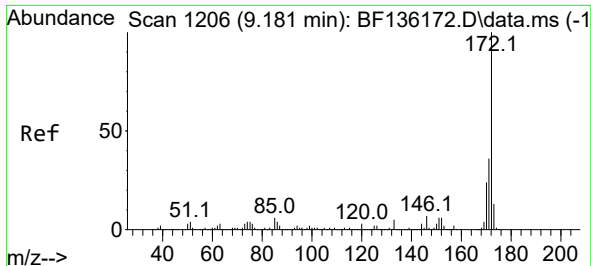
196 100

198 106.8 78.9 118.3

97 51.3 43.6 65.4

132 27.2 25.3 37.9

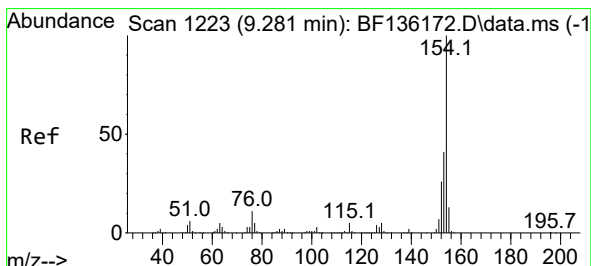
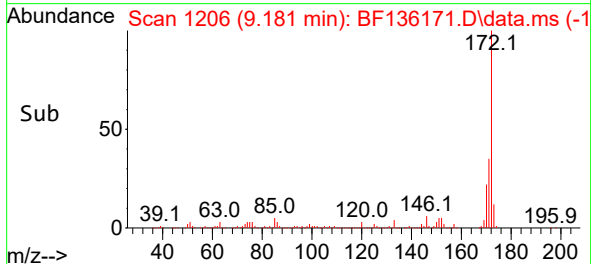
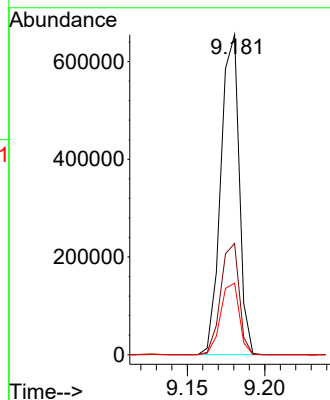
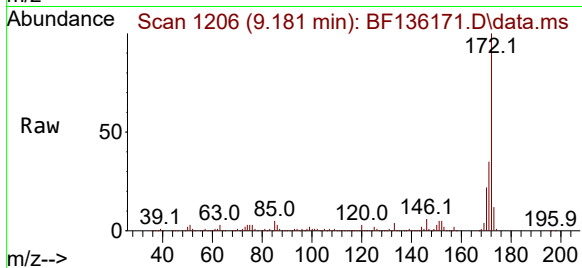




#45  
2-Fluorobiphenyl  
Concen: 42.511 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

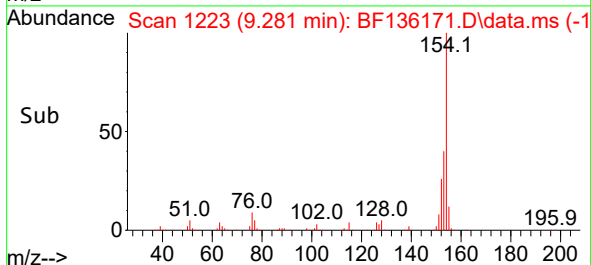
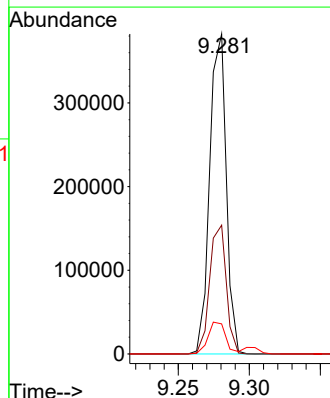
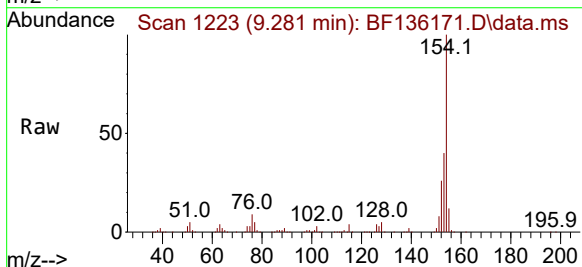
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

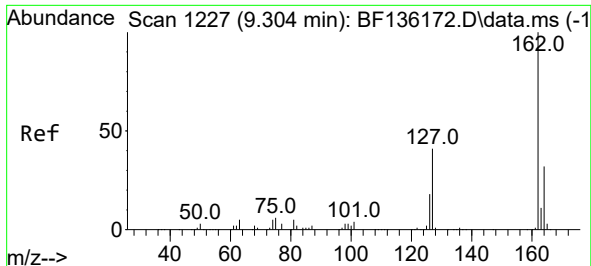
Tgt Ion:172 Resp: 540372  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.9 43.3  
170 22.3 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 21.087 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:154 Resp: 310907  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.1 61.1  
76 9.4 0.0 31.2

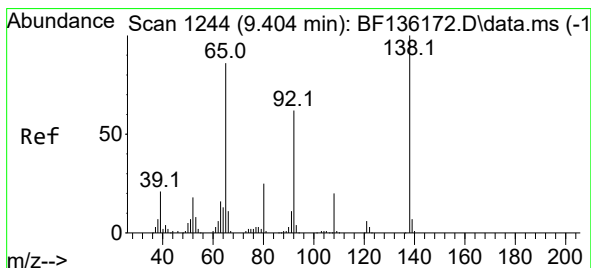
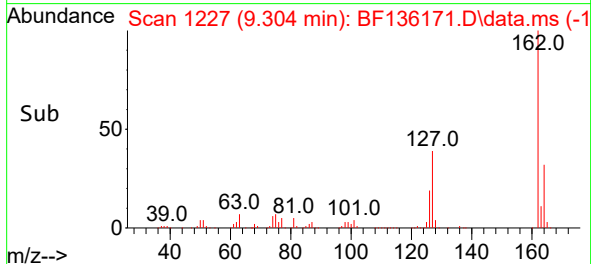
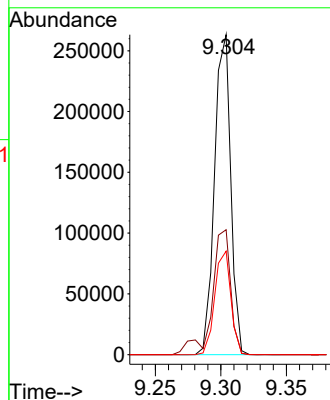
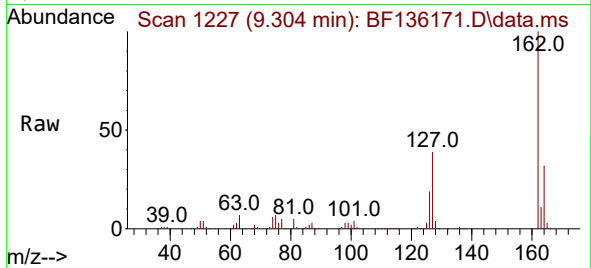




#47  
2-Chloronaphthalene  
Concen: 20.973 ng  
RT: 9.304 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

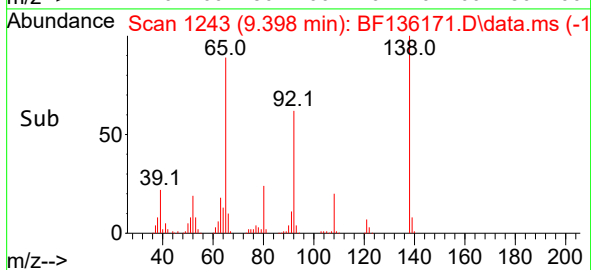
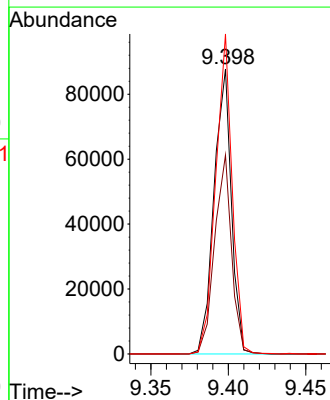
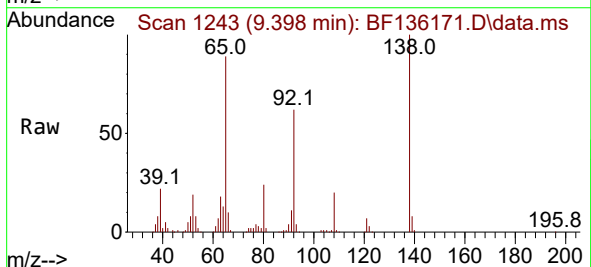
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

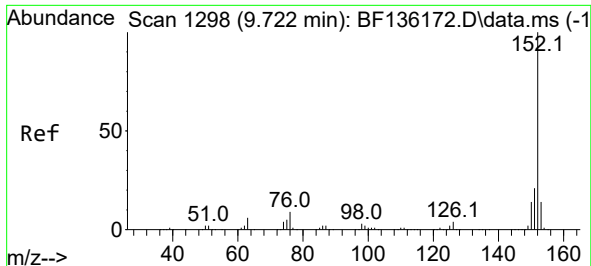
Tgt Ion:162 Resp: 226019  
Ion Ratio Lower Upper  
162 100  
127 39.1 34.2 51.4  
164 32.4 25.6 38.4



#48  
2-Nitroaniline  
Concen: 20.836 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion: 65 Resp: 68464  
Ion Ratio Lower Upper  
65 100  
92 69.8 57.5 86.3  
138 112.3 93.4 140.2





#49

Acenaphthylene

Concen: 20.929 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

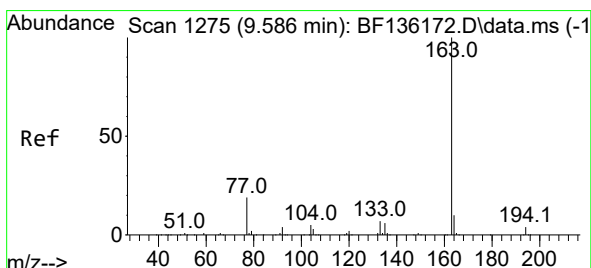
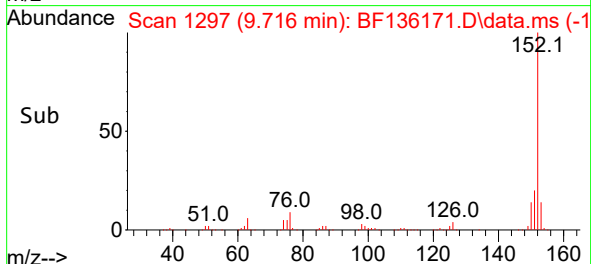
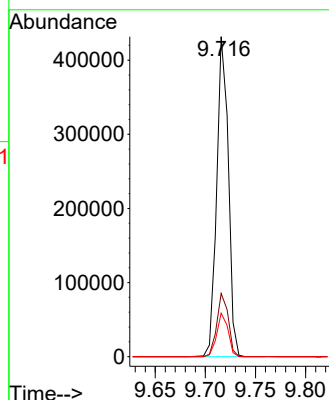
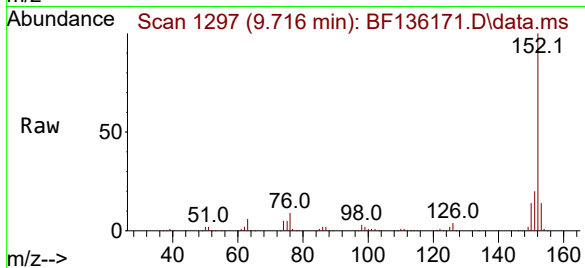
Tgt Ion:152 Resp: 348154

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 13.6 11.1 16.7



#50

Dimethylphthalate

Concen: 21.257 ng

RT: 9.580 min Scan# 1274

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

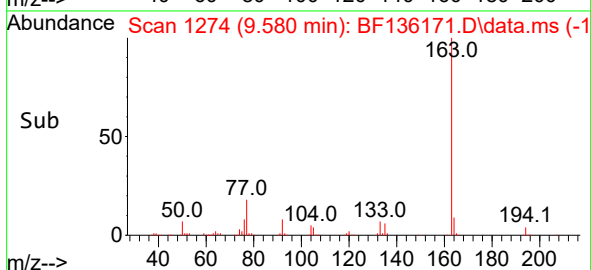
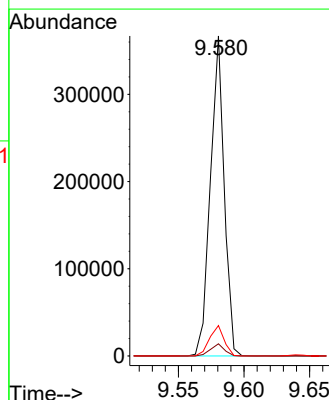
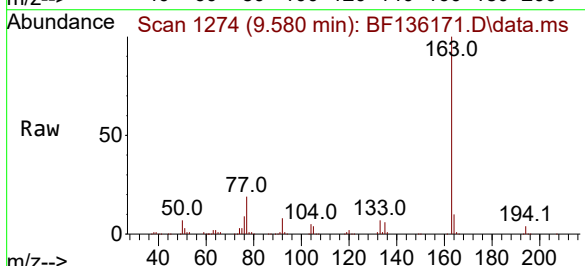
Tgt Ion:163 Resp: 269863

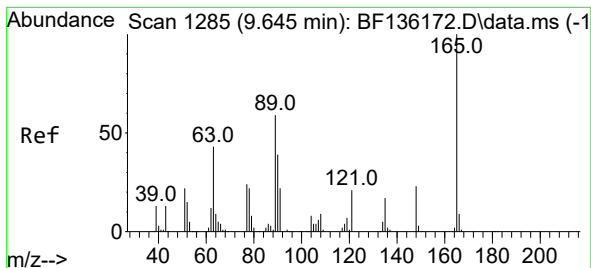
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 9.5 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 21.035 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

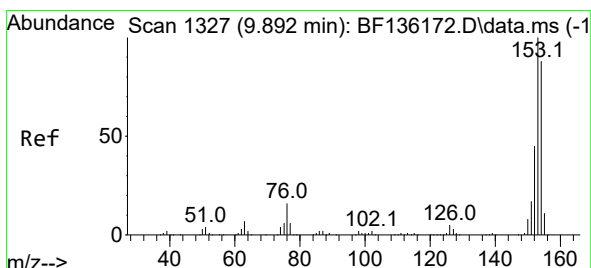
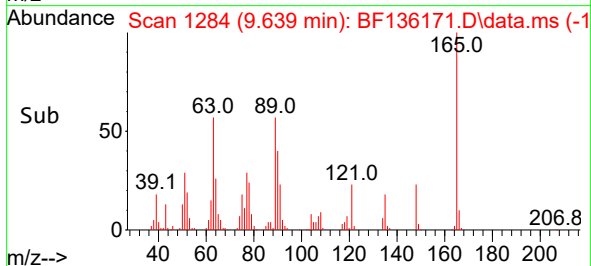
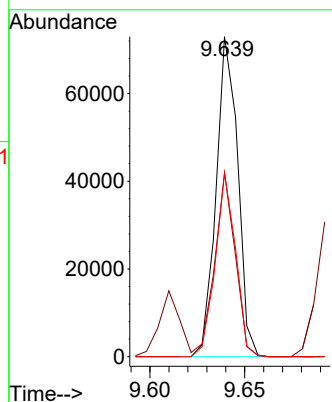
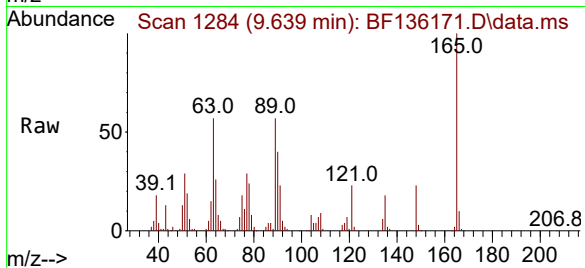
Tgt Ion:165 Resp: 57947

Ion Ratio Lower Upper

165 100

63 57.5 48.0 72.0

89 57.4 47.2 70.8



#52

Acenaphthene

Concen: 22.136 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

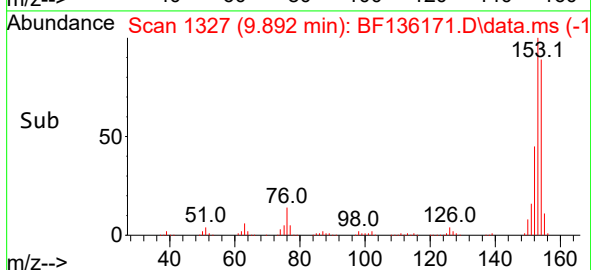
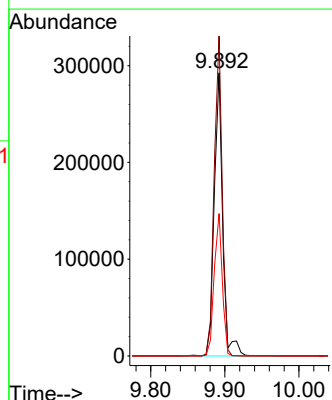
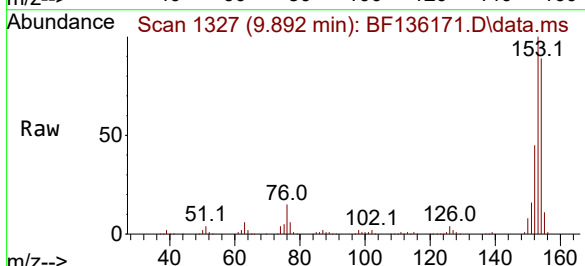
Tgt Ion:154 Resp: 230946

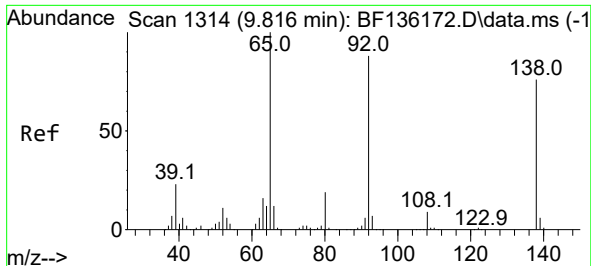
Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

152 50.3 41.1 61.7

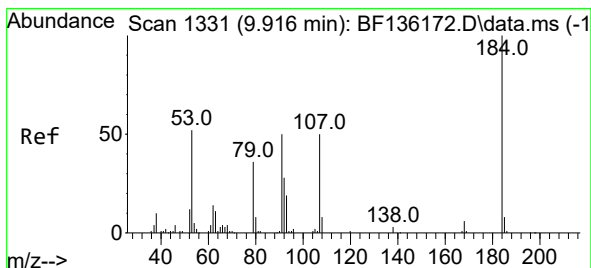
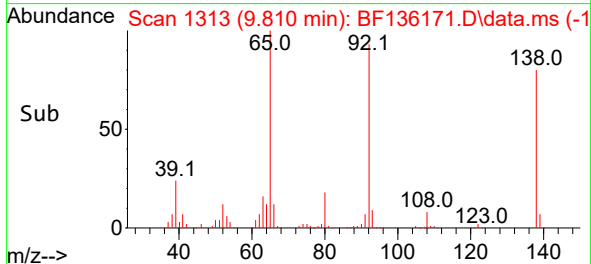
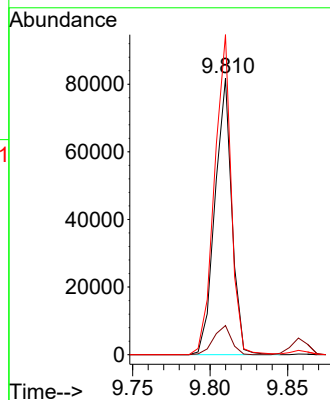
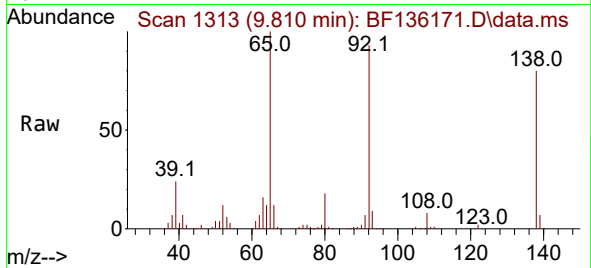




#53  
3-Nitroaniline  
Concen: 21.071 ng  
RT: 9.810 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

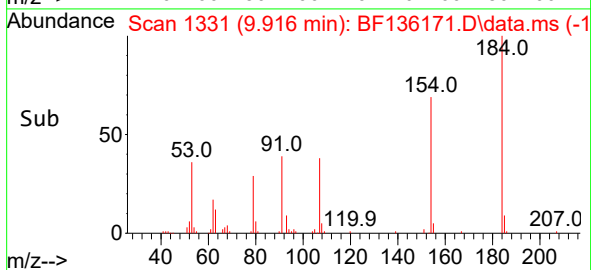
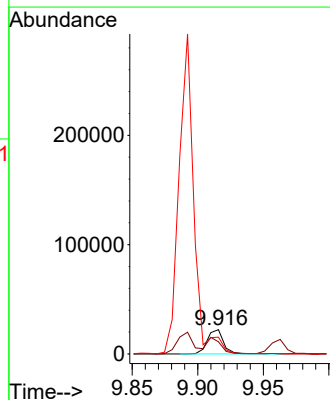
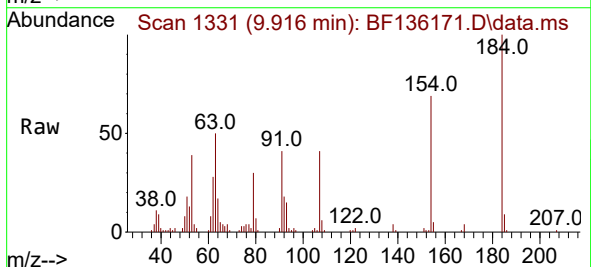
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

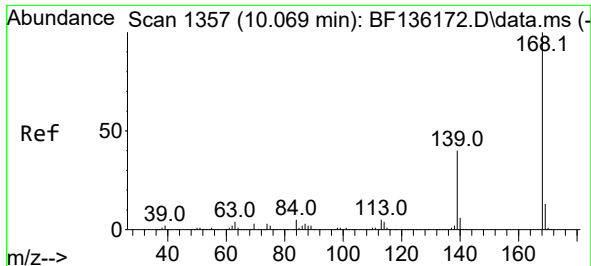
Tgt Ion:138 Resp: 61888  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.0 13.4  
92 115.8 92.2 138.2



#54  
2,4-Dinitrophenol  
Concen: 19.800 ng  
RT: 9.916 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:184 Resp: 19433  
Ion Ratio Lower Upper  
184 100  
63 49.8 59.1 88.7#  
154 69.0 58.2 87.2

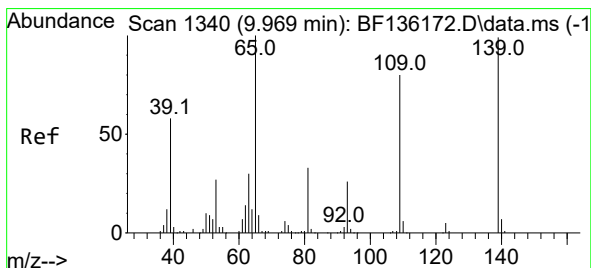
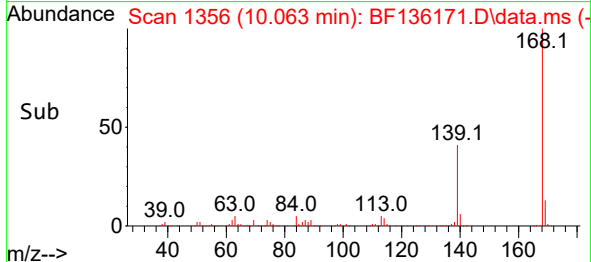
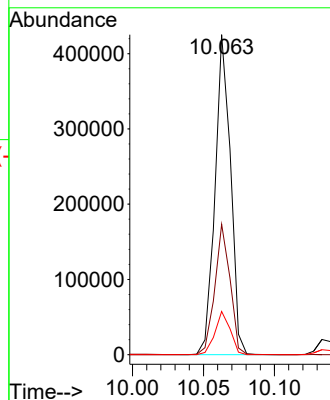
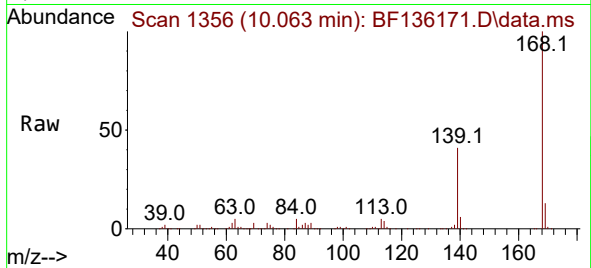




#55  
Dibenzenofuran  
Concen: 20.938 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

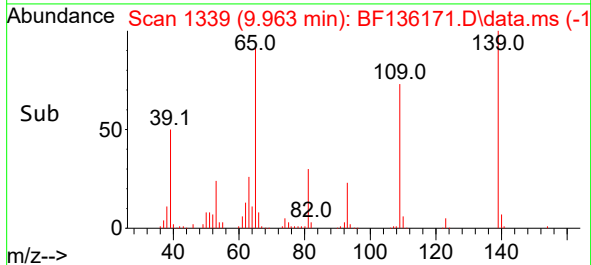
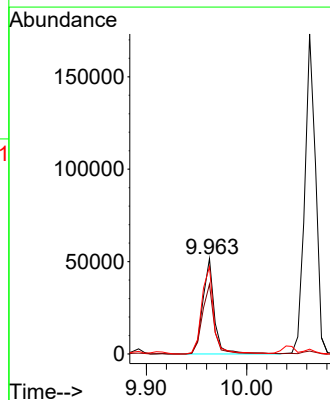
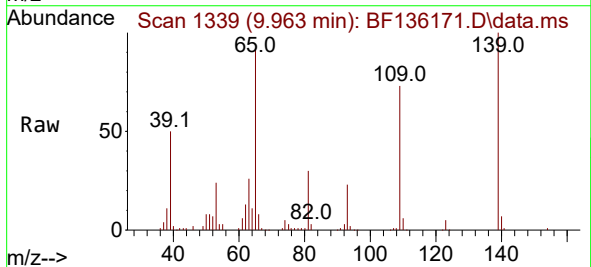
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

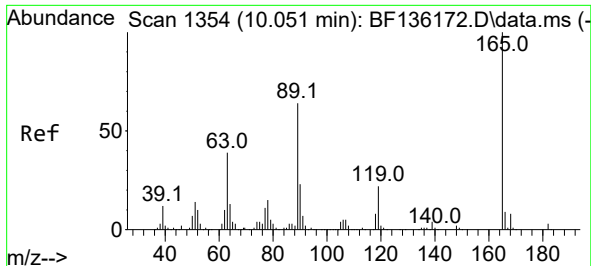
Tgt Ion:168 Resp: 322541  
Ion Ratio Lower Upper  
168 100  
139 40.7 31.9 47.9  
169 13.5 10.6 16.0



#56  
4-Nitrophenol  
Concen: 21.220 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:139 Resp: 41418  
Ion Ratio Lower Upper  
139 100  
109 73.1 60.9 100.9  
65 91.7 81.6 121.6





#57

2,4-Dinitrotoluene

Concen: 21.227 ng

RT: 10.045 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 74268

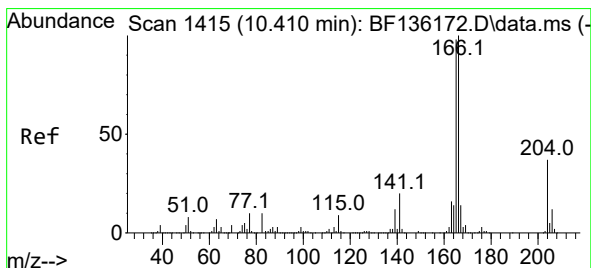
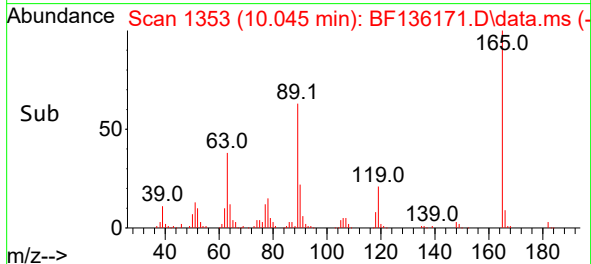
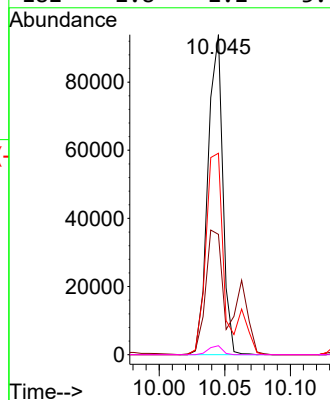
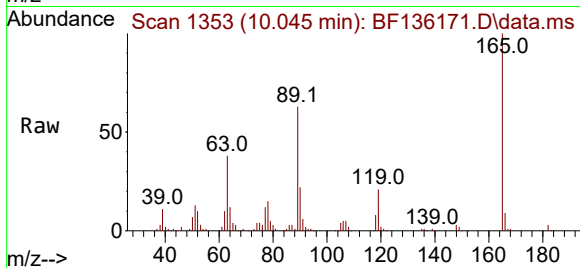
Ion Ratio Lower Upper

165 100

63 37.6 31.4 47.0

89 63.0 51.6 77.4

182 2.8 2.2 3.4



#58

Fluorene

Concen: 21.472 ng

RT: 10.410 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

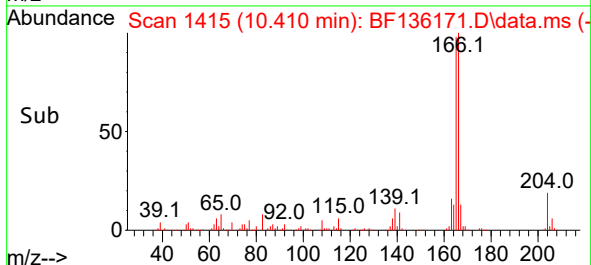
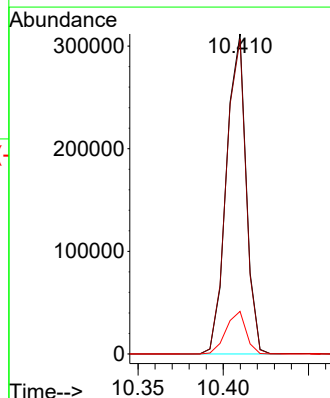
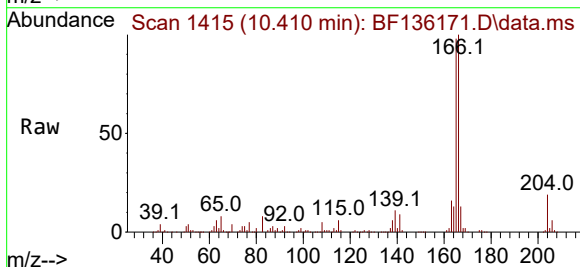
Tgt Ion:166 Resp: 251041

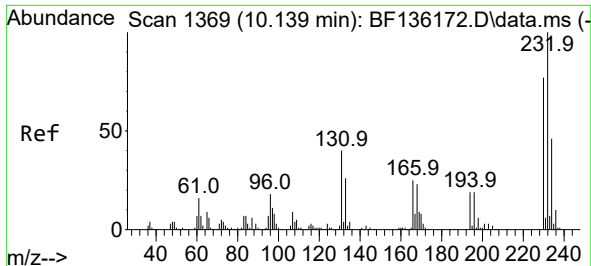
Ion Ratio Lower Upper

166 100

165 98.3 78.8 118.2

167 13.3 10.9 16.3

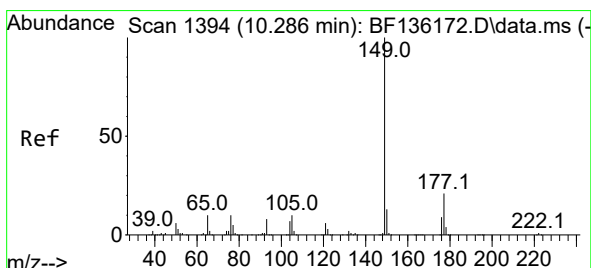
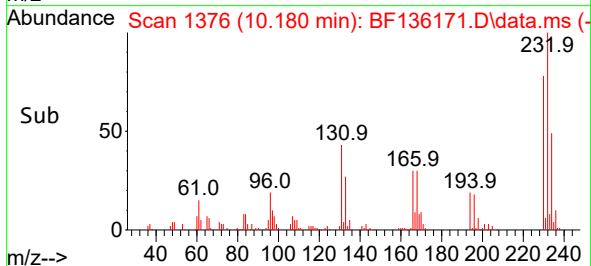
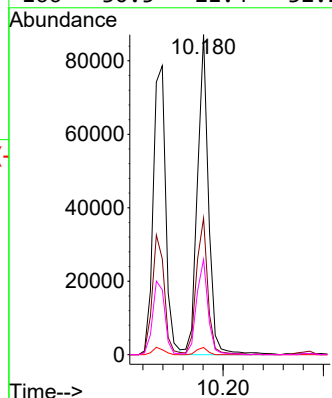
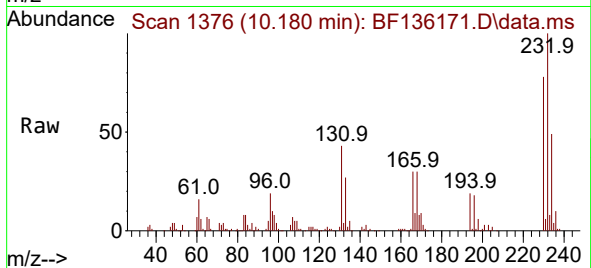




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.859 ng  
RT: 10.180 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

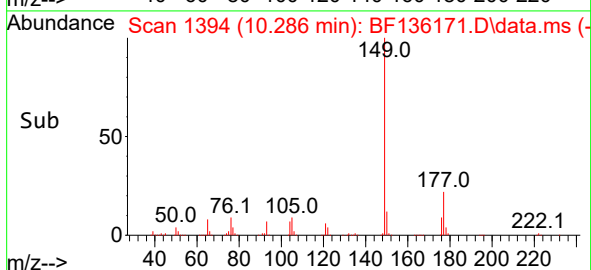
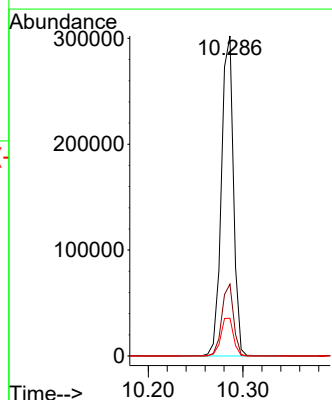
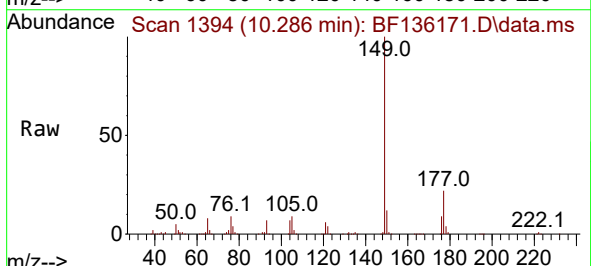
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

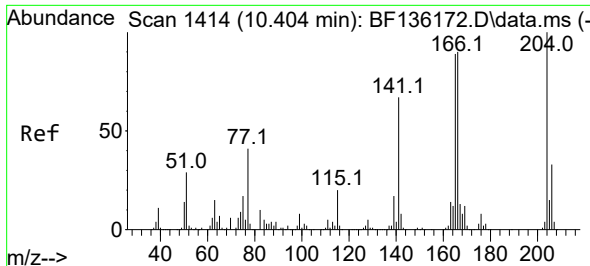
Tgt Ion:232 Resp: 66943  
Ion Ratio Lower Upper  
232 100  
131 43.7 34.6 52.0  
130 2.2 1.9 2.9  
166 30.5 21.4 32.2



#60  
Diethylphthalate  
Concen: 21.124 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:149 Resp: 269033  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.2 25.8  
150 11.8 10.3 15.5

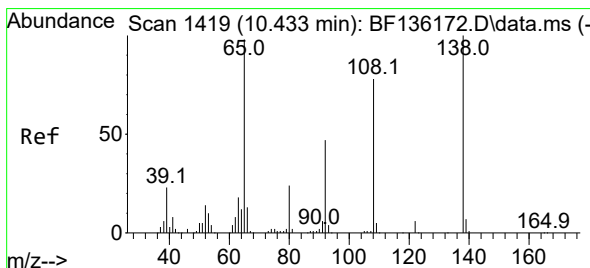
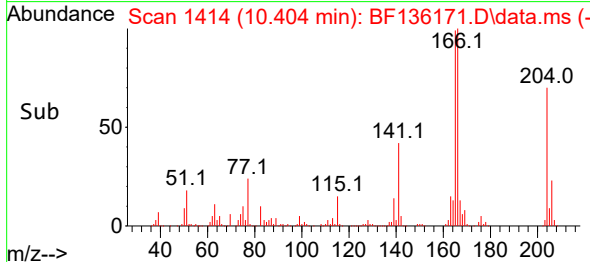
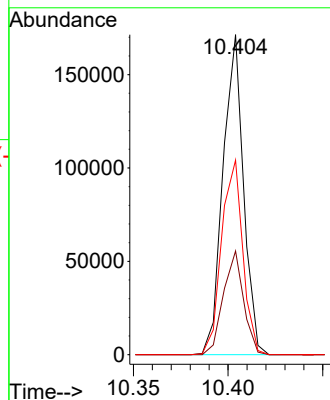
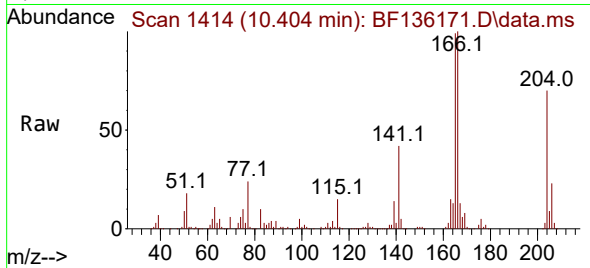




#61  
4-Chlorophenyl-phenylether  
Concen: 21.718 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

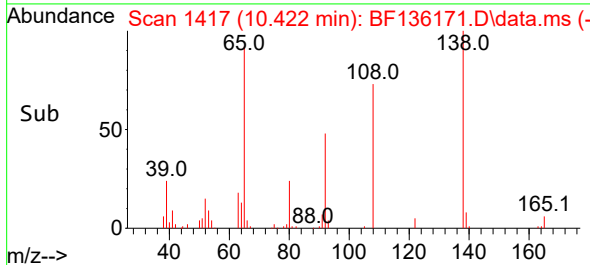
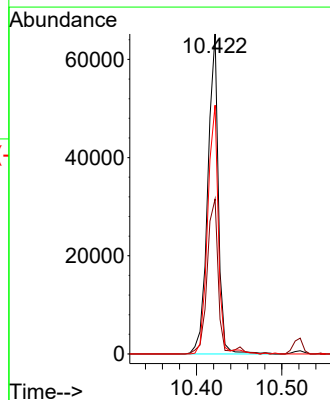
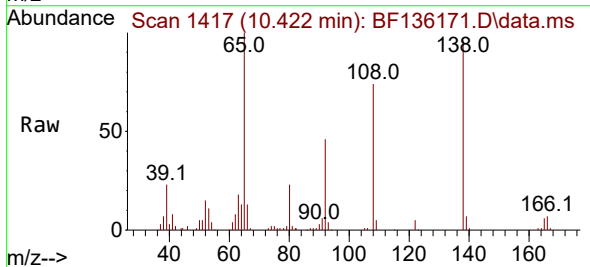
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

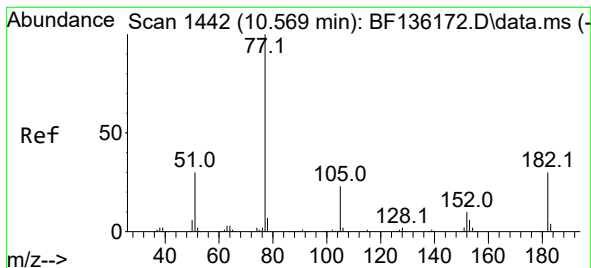
Tgt Ion:204 Resp: 129077  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.1 39.1  
141 60.8 53.9 80.9



#62  
4-Nitroaniline  
Concen: 21.003 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.012 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:138 Resp: 56223  
Ion Ratio Lower Upper  
138 100  
92 48.4 26.6 66.6  
108 77.7 58.0 98.0





#63

Azobenzene

Concen: 21.117 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 235319

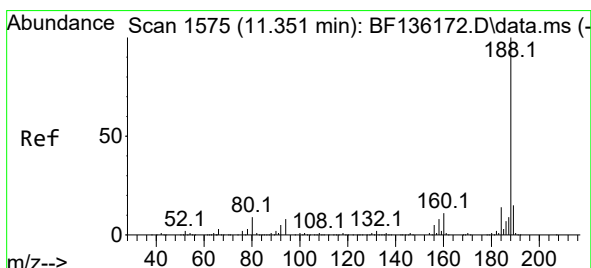
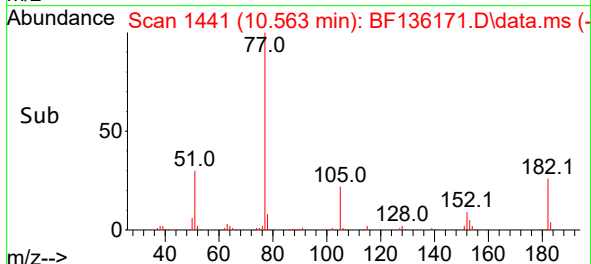
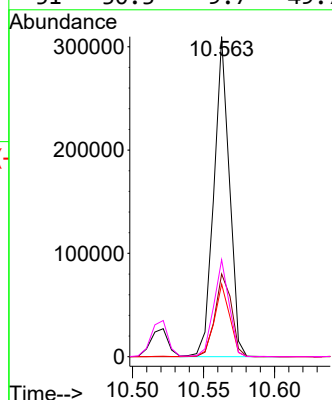
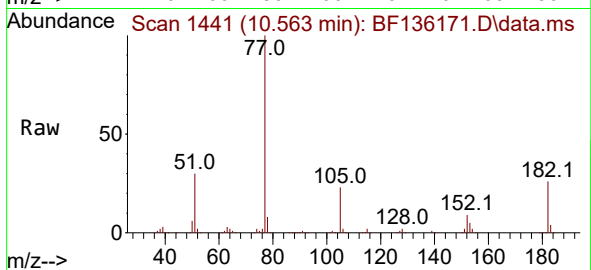
Ion Ratio Lower Upper

77 100

182 25.8 10.3 50.3

105 22.7 2.6 42.6

51 30.3 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

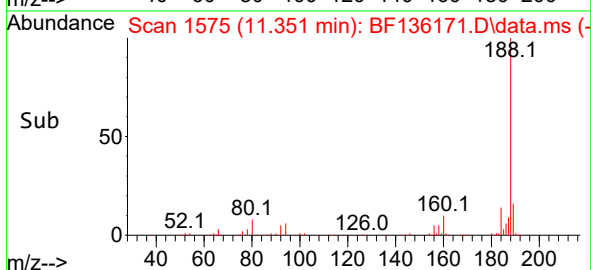
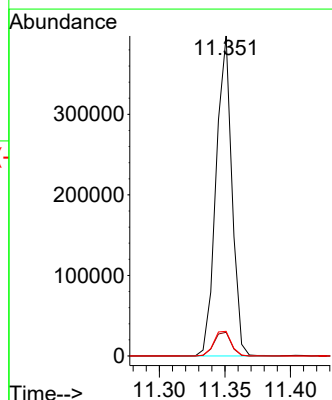
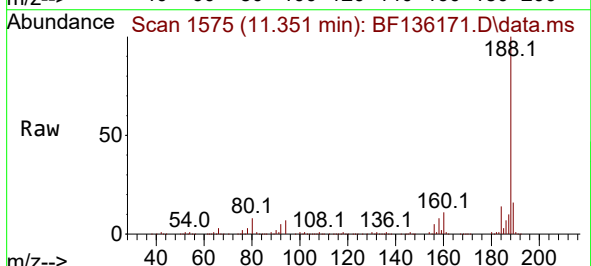
Tgt Ion:188 Resp: 332807

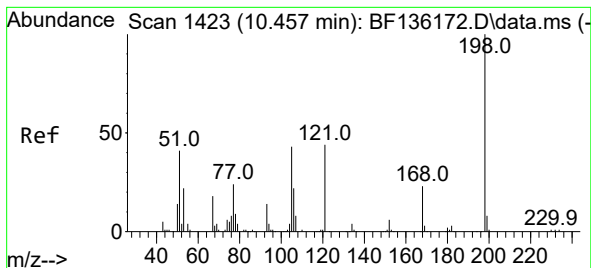
Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 7.7 7.3 10.9

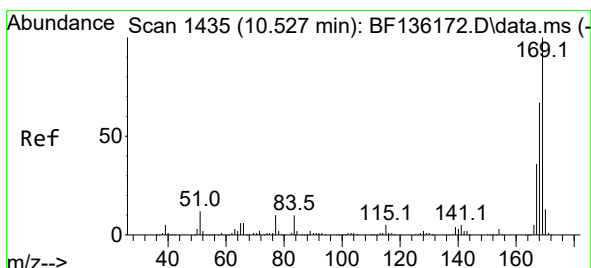
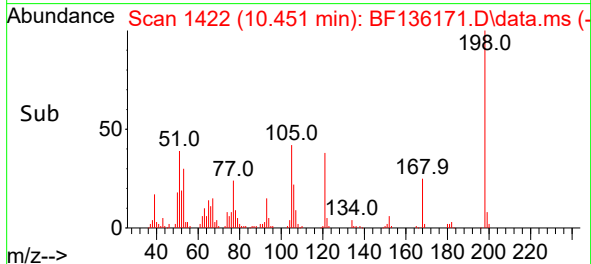
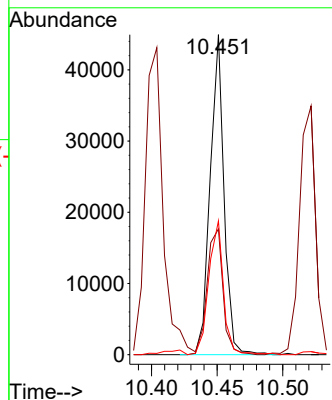
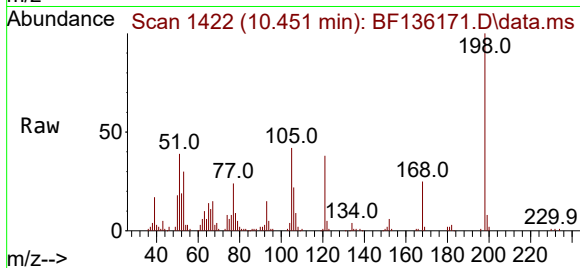




#65  
4,6-Dinitro-2-methylphenol  
Concen: 20.296 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

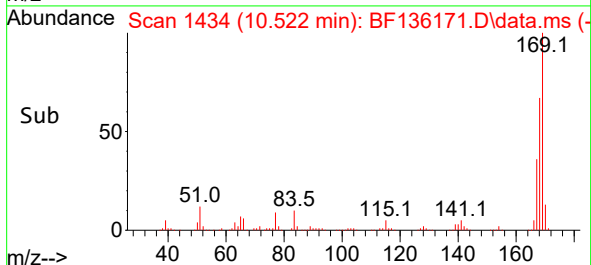
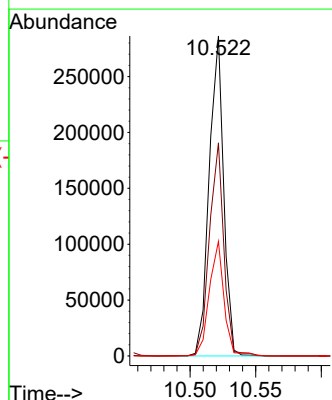
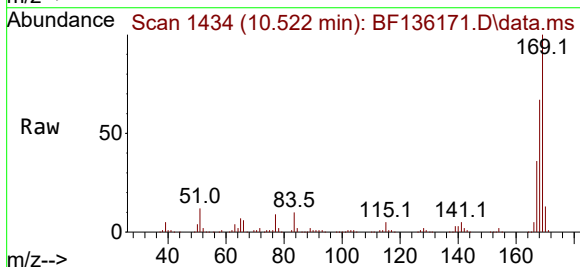
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

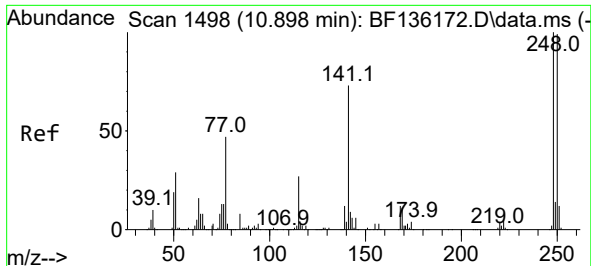
Tgt Ion:198 Resp: 33102  
Ion Ratio Lower Upper  
198 100  
51 39.3 27.3 67.3  
105 41.8 24.2 64.2



#66  
n-Nitrosodiphenylamine  
Concen: 20.819 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:169 Resp: 219819  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.9 80.9  
167 35.8 28.9 43.3

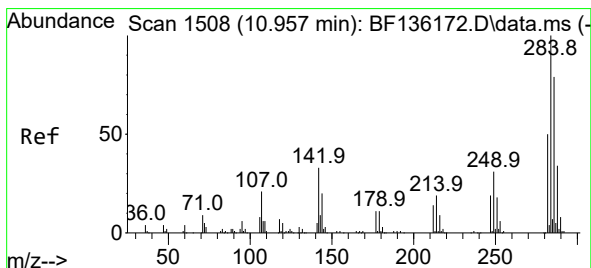
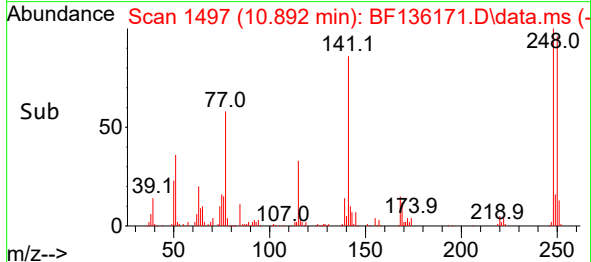
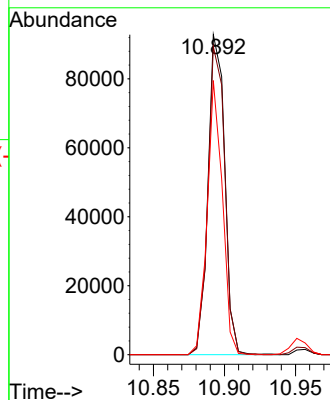
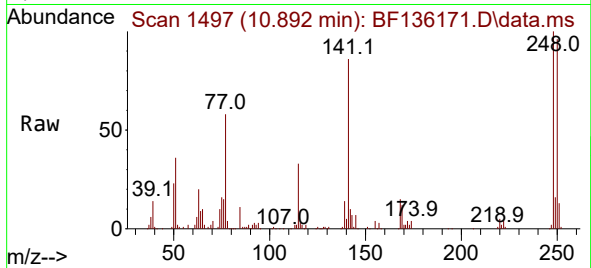




#67  
4-Bromophenyl-phenylether  
Concen: 20.529 ng  
RT: 10.892 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

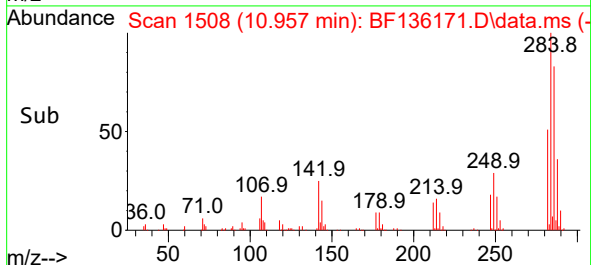
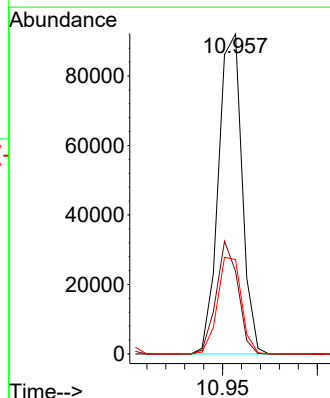
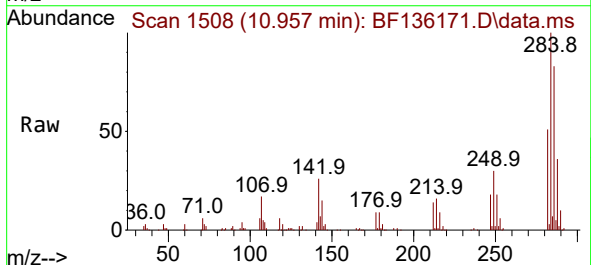
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

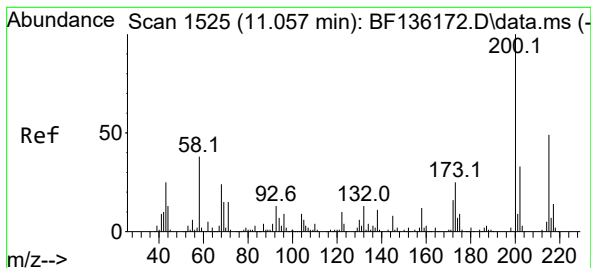
Tgt Ion:248 Resp: 76092  
Ion Ratio Lower Upper  
248 100  
250 96.3 79.0 118.4  
141 85.6 58.8 88.2



#68  
Hexachlorobenzene  
Concen: 20.314 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:284 Resp: 79937  
Ion Ratio Lower Upper  
284 100  
142 25.9 26.6 39.8#  
249 29.5 24.6 37.0





#69

Atrazine

Concen: 21.924 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

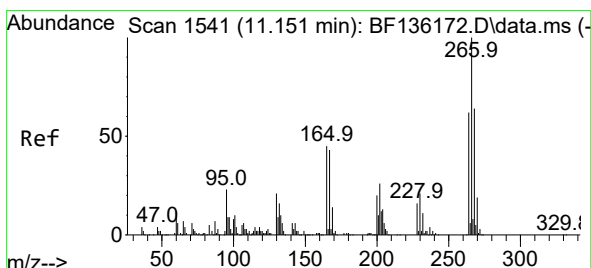
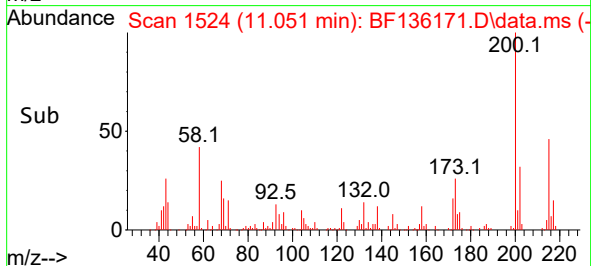
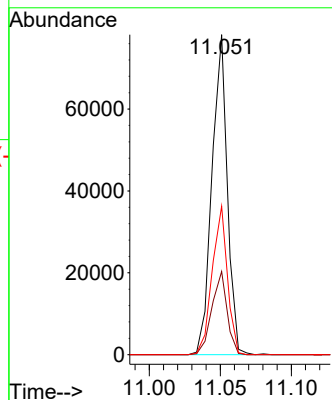
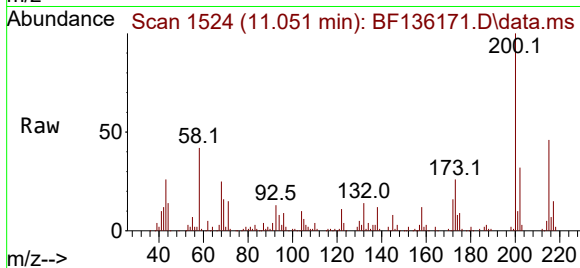
Tgt Ion:200 Resp: 58644

Ion Ratio Lower Upper

200 100

173 26.0 4.9 44.9

215 46.4 28.9 68.9



#70

Pentachlorophenol

Concen: 20.397 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

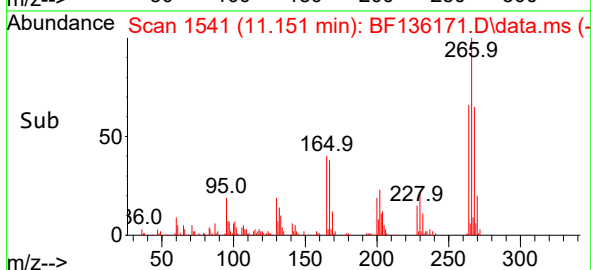
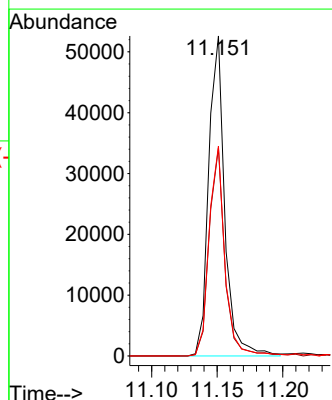
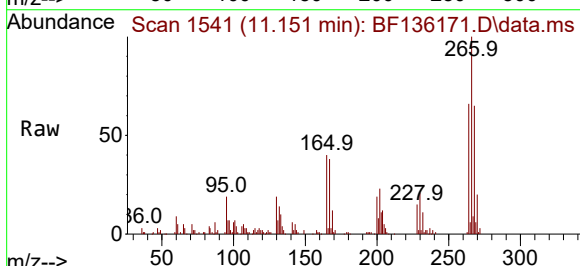
Tgt Ion:266 Resp: 44892

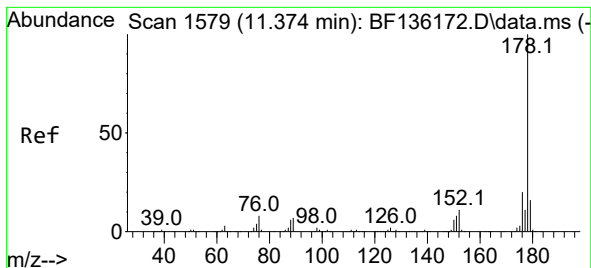
Ion Ratio Lower Upper

266 100

268 65.1 50.8 76.2

264 65.6 50.0 75.0

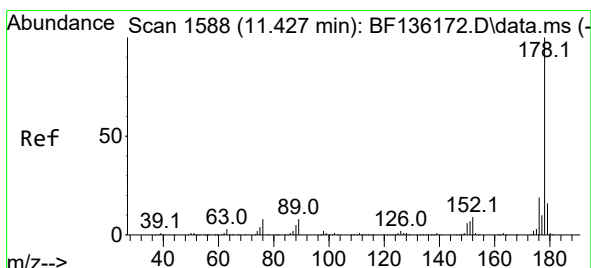
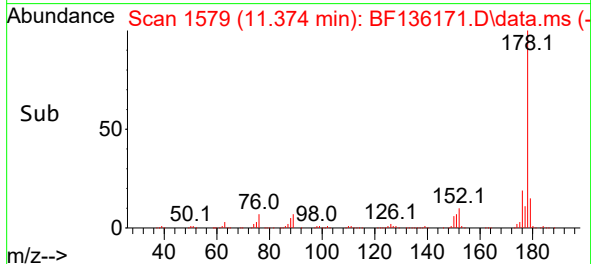
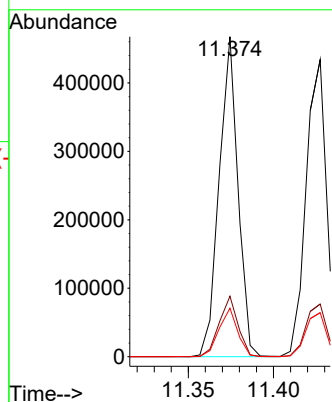
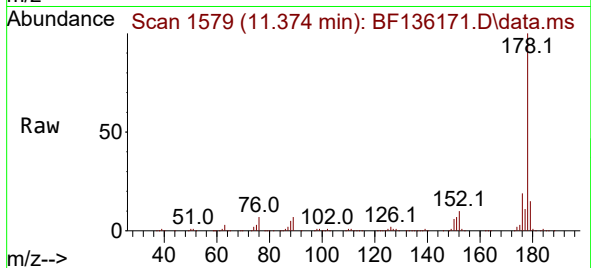




#71  
Phenanthrene  
Concen: 21.104 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

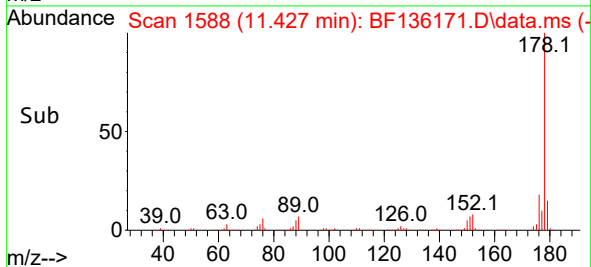
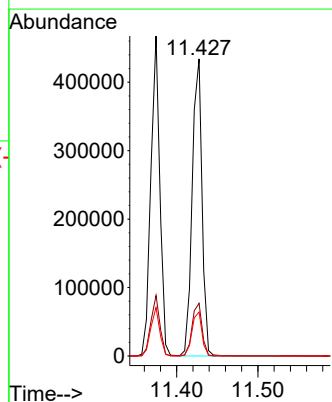
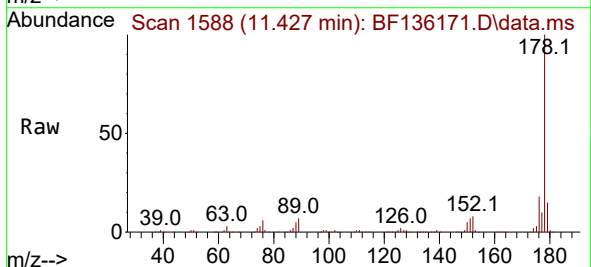
Instrument : BNA\_F  
ClientSampleId : SSTDICC020

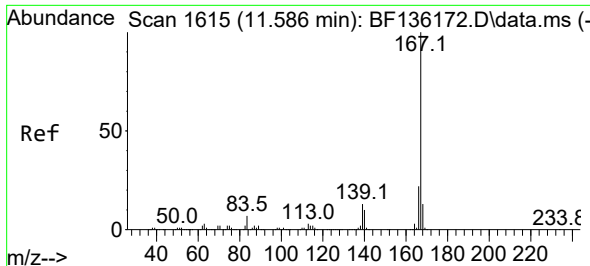
Tgt Ion:178 Resp: 359673  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.8 23.8  
179 15.1 12.7 19.1



#72  
Anthracene  
Concen: 21.060 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:178 Resp: 366372  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.0 22.4  
179 14.8 12.6 18.8

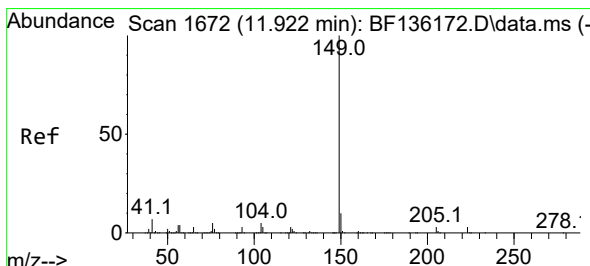
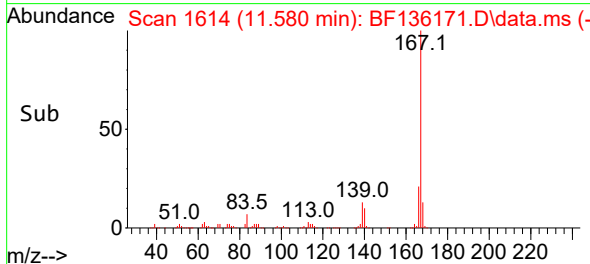
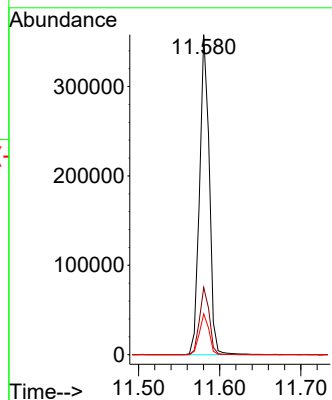
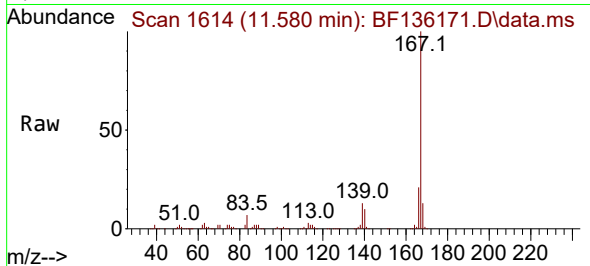




#73  
Carbazole  
Concen: 21.405 ng  
RT: 11.580 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

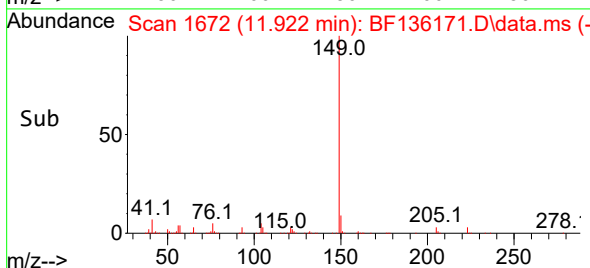
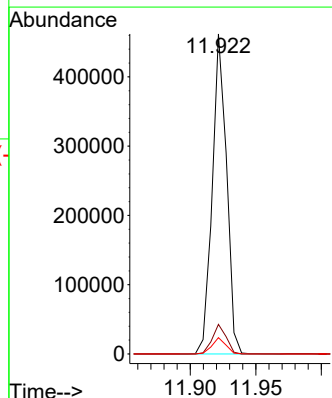
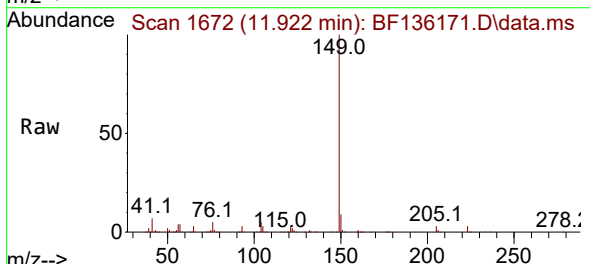
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

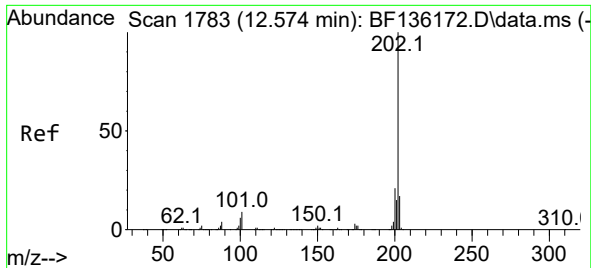
Tgt Ion:167 Resp: 298376  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.3 25.9  
139 12.7 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 21.223 ng  
RT: 11.922 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:149 Resp: 349981  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.7 11.5  
104 5.1 4.2 6.2

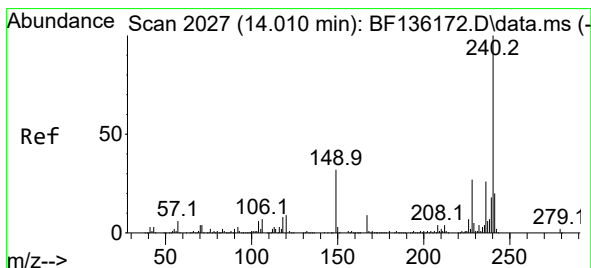
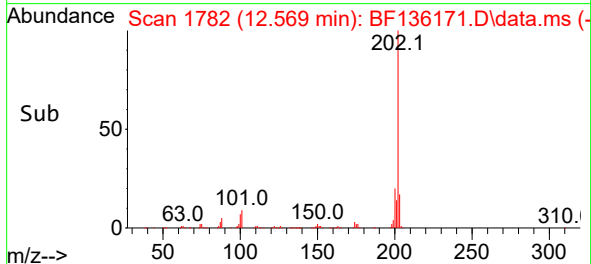
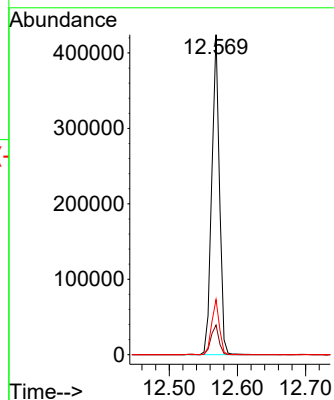
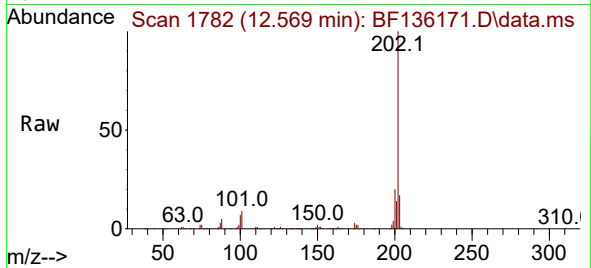




#75  
Fluoranthene  
Concen: 21.444 ng  
RT: 12.569 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

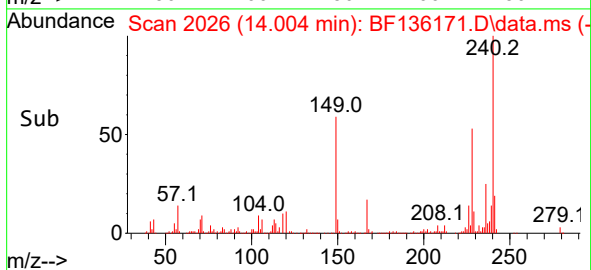
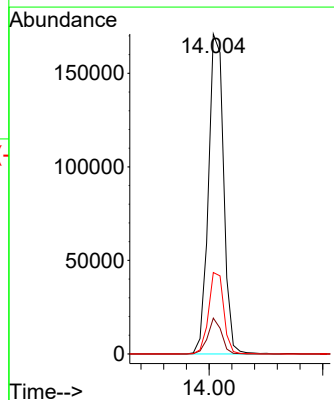
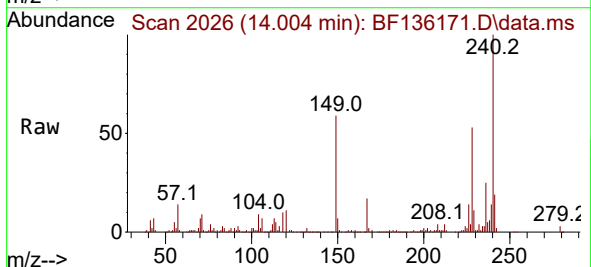
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

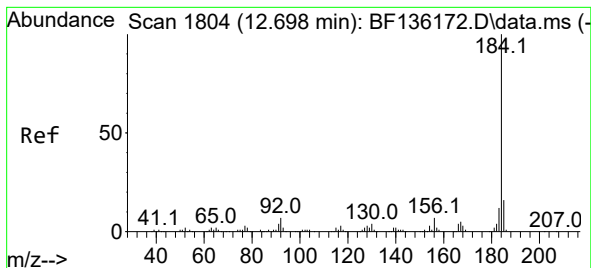
Tgt Ion:202 Resp: 333744  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 28.6  
203 17.2 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:240 Resp: 158235  
Ion Ratio Lower Upper  
240 100  
120 11.2 7.1 10.7#  
236 25.4 20.9 31.3





#77

Benzidine

Concen: 22.026 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

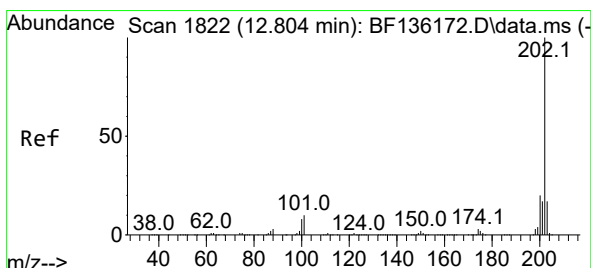
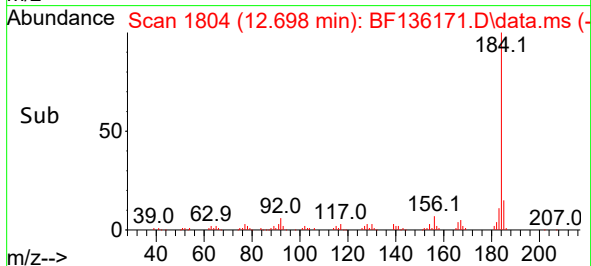
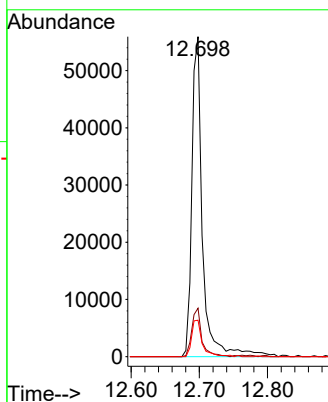
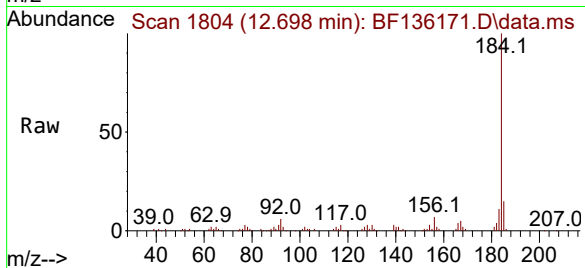
Tgt Ion:184 Resp: 60351

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

183 11.4 9.2 13.8



#78

Pyrene

Concen: 22.188 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

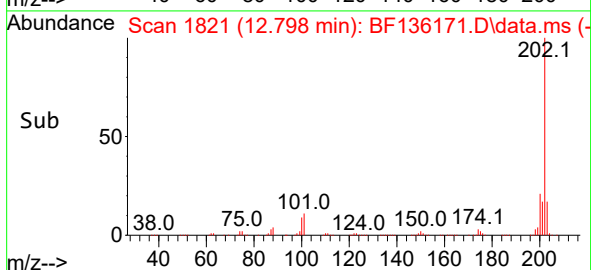
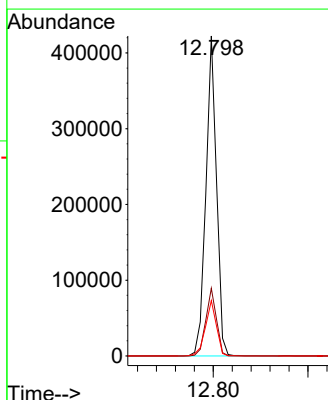
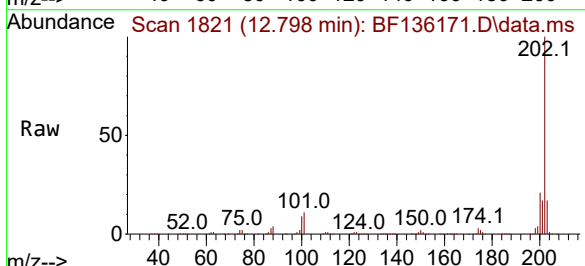
Tgt Ion:202 Resp: 328317

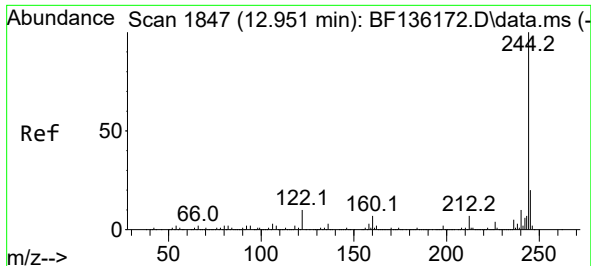
Ion Ratio Lower Upper

202 100

200 21.2 16.2 24.2

203 17.3 13.6 20.4

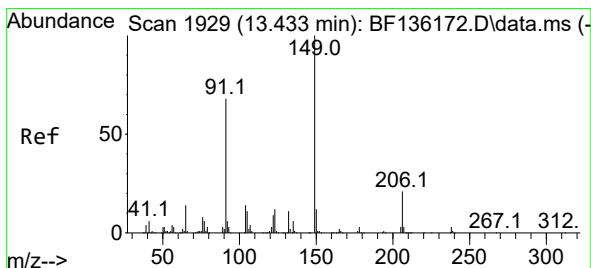
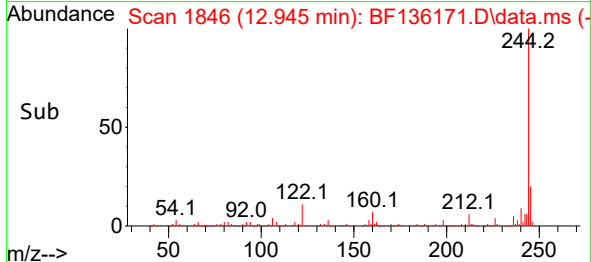
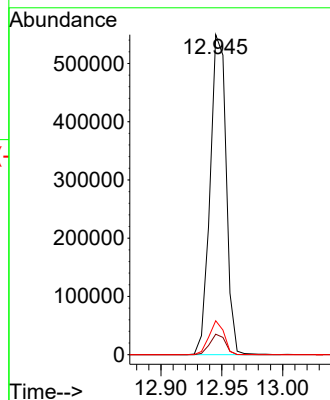
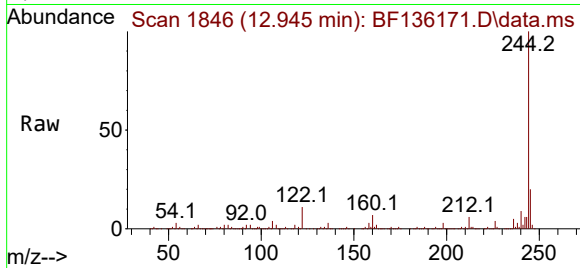




#79  
 Terphenyl-d14  
 Concen: 45.414 ng  
 RT: 12.945 min Scan# 1846  
 Delta R.T. -0.006 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

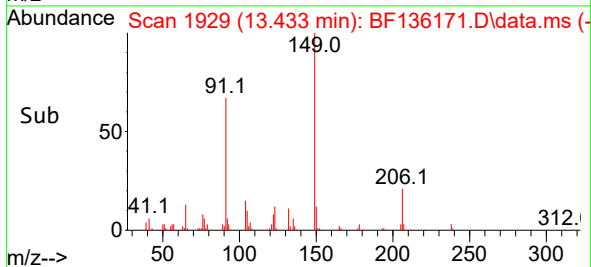
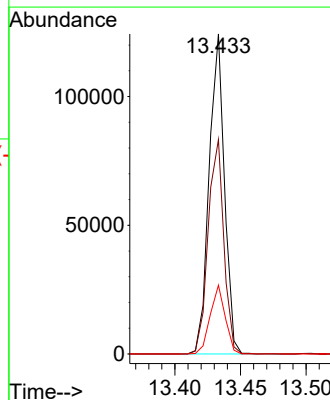
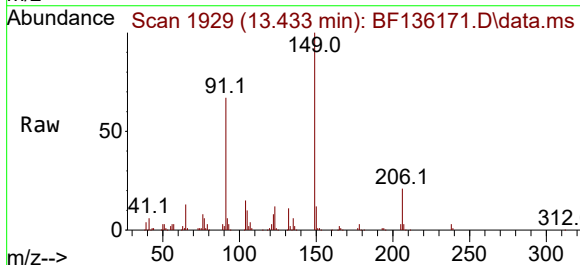
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

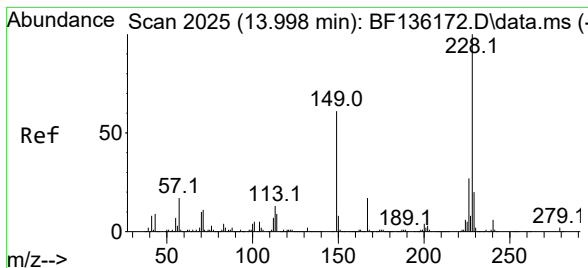
Tgt Ion:244 Resp: 506253  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.0  
 122 10.6 8.1 12.1



#80  
 Butylbenzylphthalate  
 Concen: 21.468 ng  
 RT: 13.433 min Scan# 1929  
 Delta R.T. 0.000 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

Tgt Ion:149 Resp: 101223  
 Ion Ratio Lower Upper  
 149 100  
 91 67.0 54.2 81.2  
 206 21.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 20.916 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

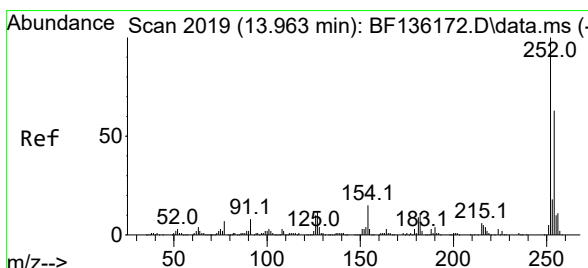
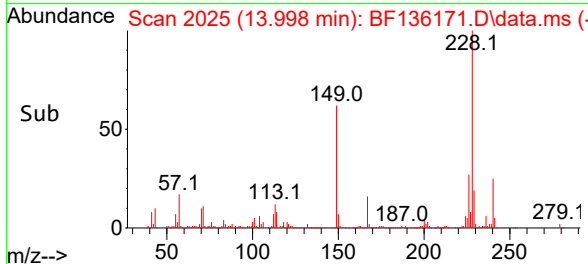
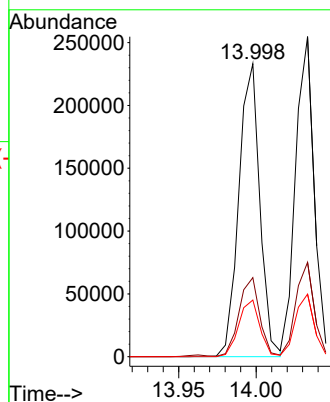
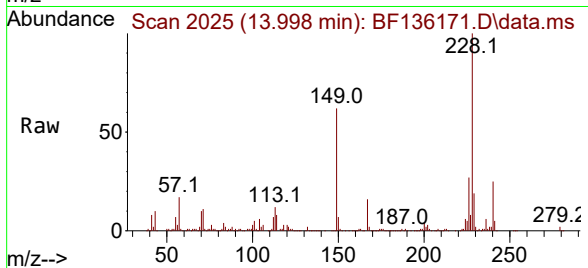
Tgt Ion:228 Resp: 219528

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 20.039 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

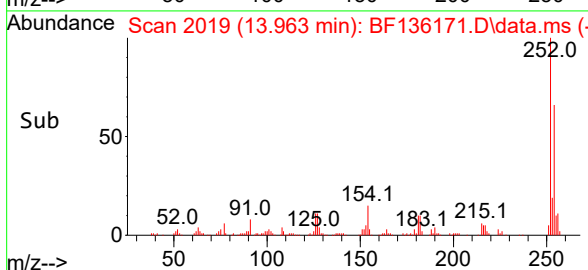
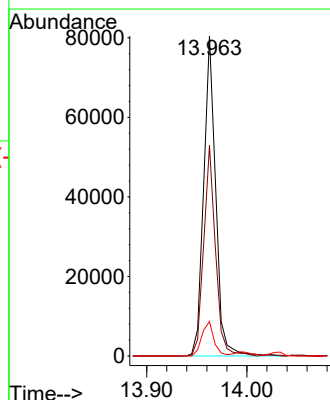
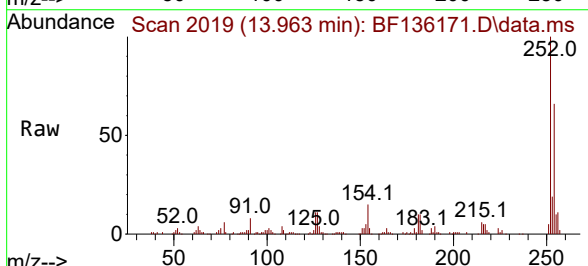
Tgt Ion:252 Resp: 67519

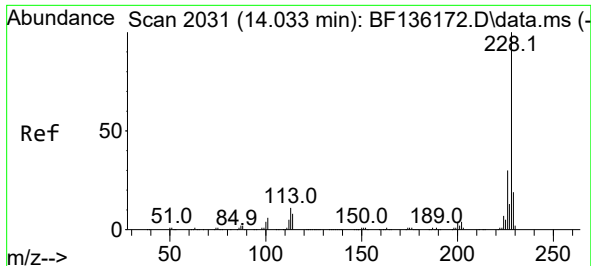
Ion Ratio Lower Upper

252 100

254 65.8 50.7 76.1

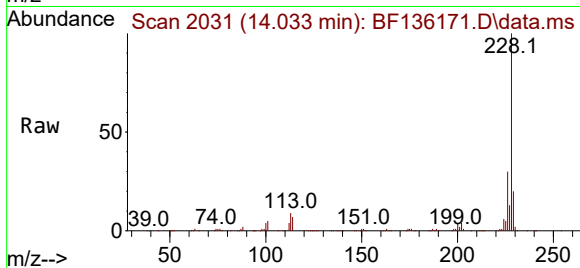
126 10.7 8.2 12.2



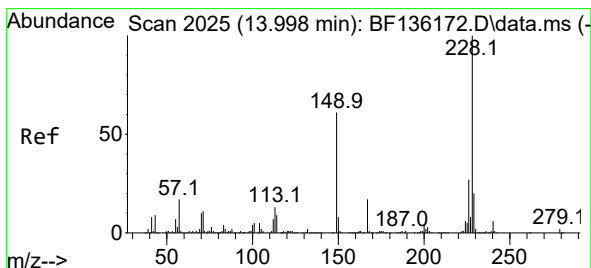
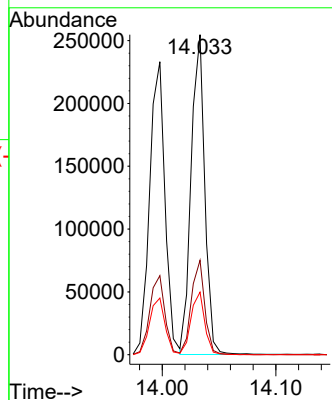
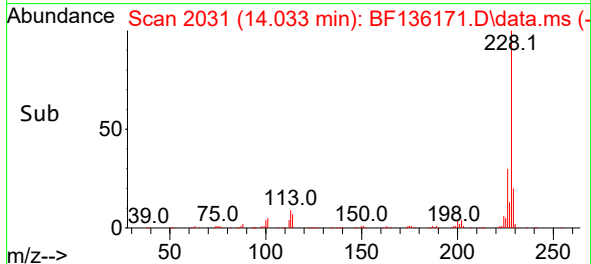


#83  
Chrysene  
Concen: 20.748 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

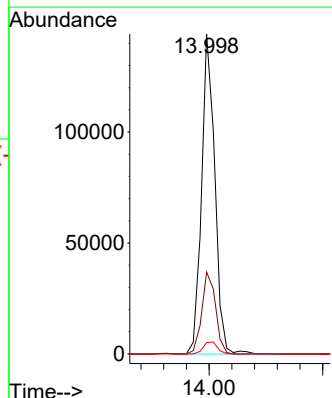
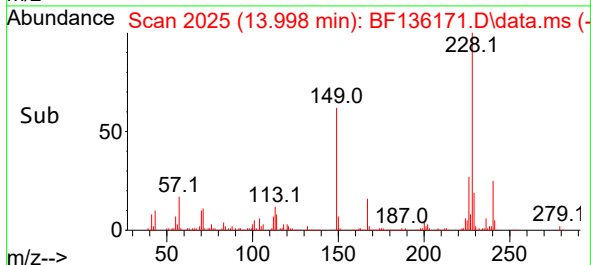
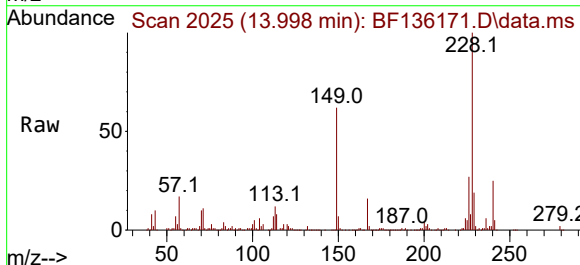


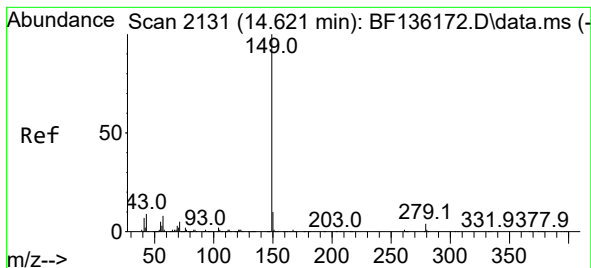
Tgt Ion:228 Resp: 213047  
Ion Ratio Lower Upper  
228 100  
226 29.5 23.8 35.6  
229 19.6 15.7 23.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.499 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:149 Resp: 116659  
Ion Ratio Lower Upper  
149 100  
167 25.6 21.8 32.8  
279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 18.281 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

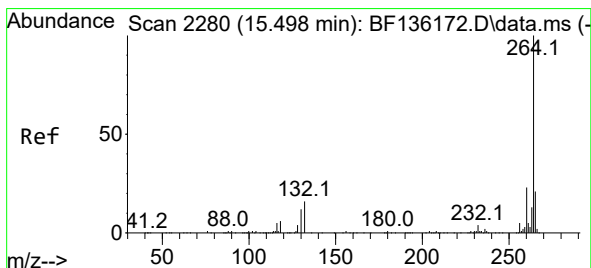
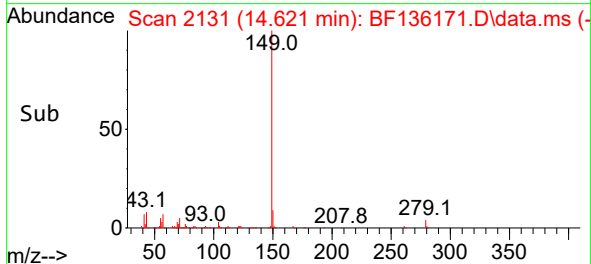
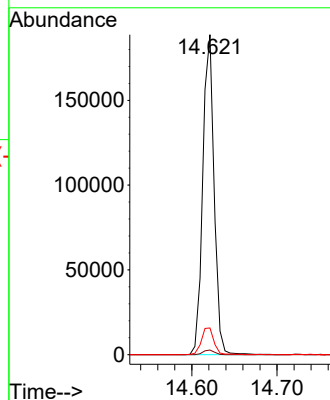
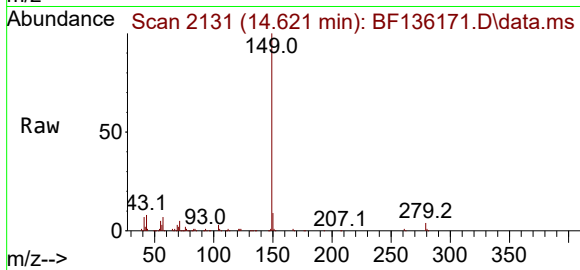
Tgt Ion:149 Resp: 174186

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 9.3 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF136171.D

Acq: 07 Nov 2023 12:01

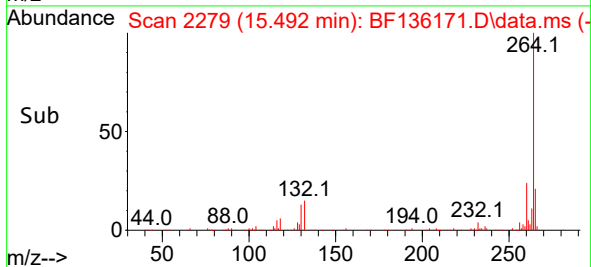
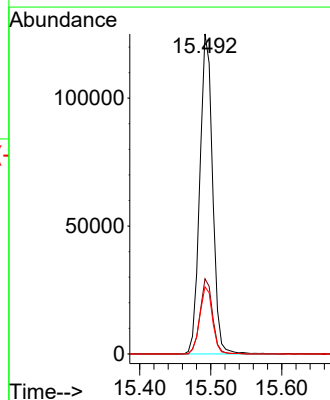
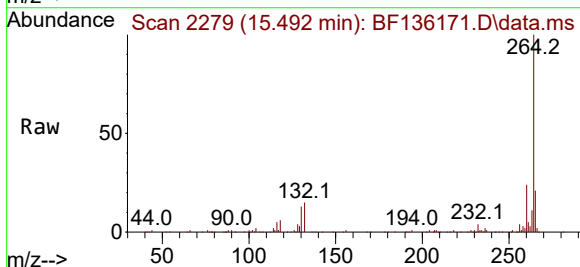
Tgt Ion:264 Resp: 157175

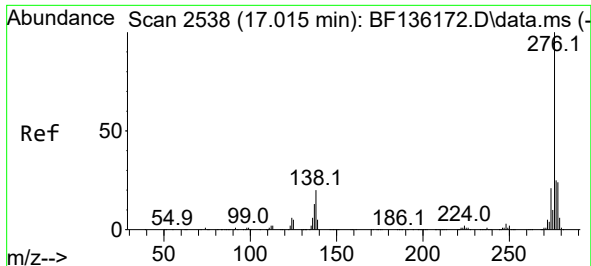
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.0 16.9 25.3

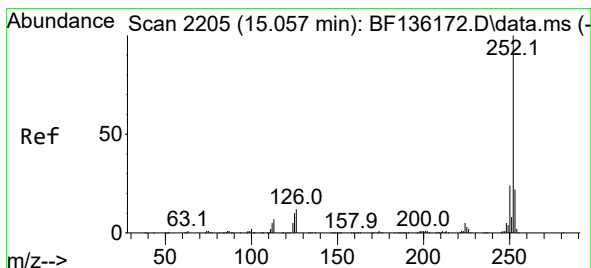
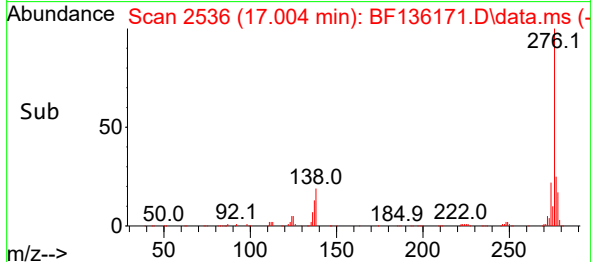
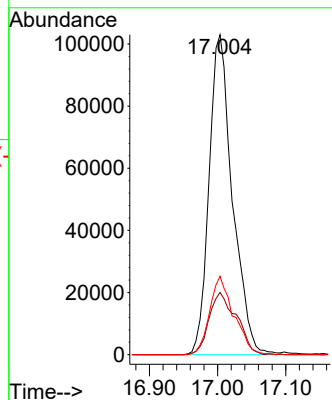
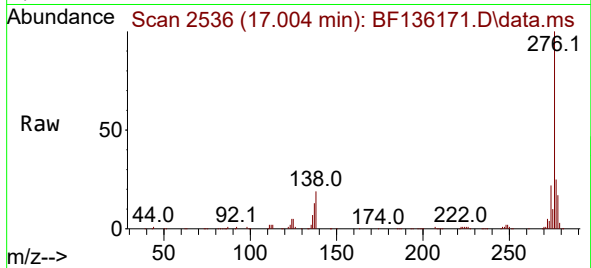




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 21.404 ng  
RT: 17.004 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

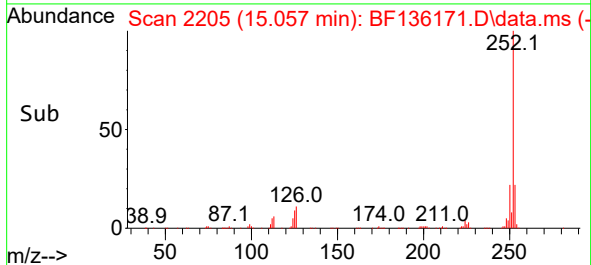
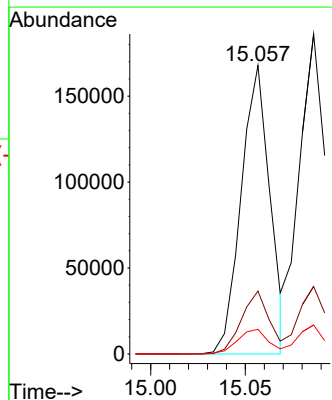
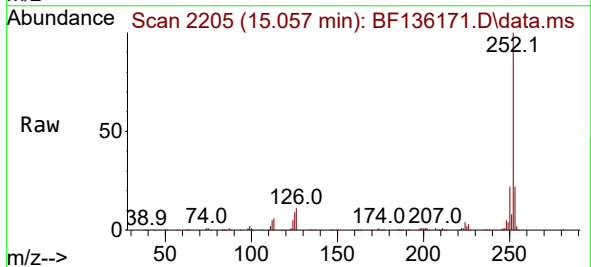
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

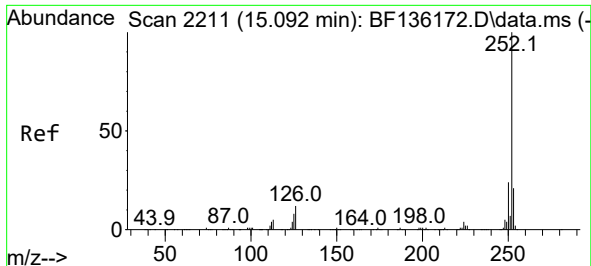
Tgt Ion:276 Resp: 246488  
Ion Ratio Lower Upper  
276 100  
138 22.8 17.7 26.5  
277 25.2 20.6 31.0



#88  
Benzo(b)fluoranthene  
Concen: 20.450 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. 0.000 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:252 Resp: 177457  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 8.5 7.8 11.8

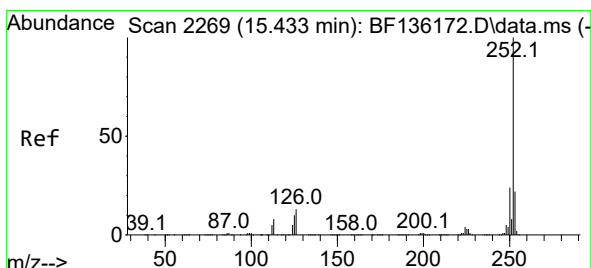
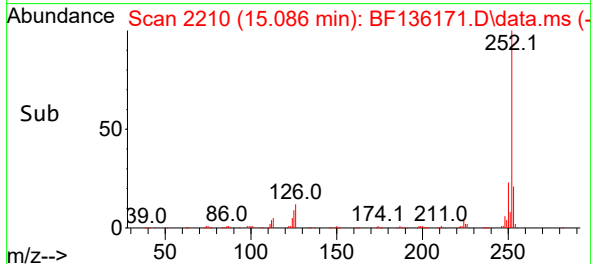
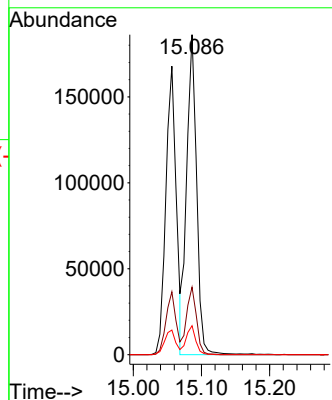
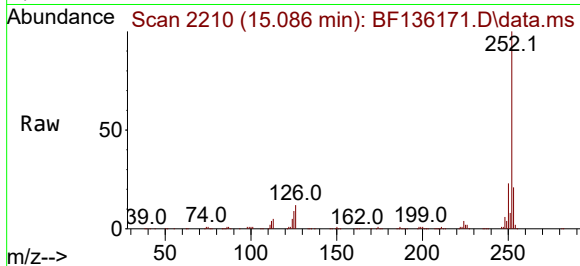




#89  
Benzo(k)fluoranthene  
Concen: 21.510 ng  
RT: 15.086 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

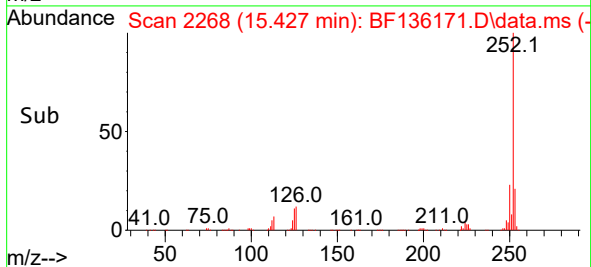
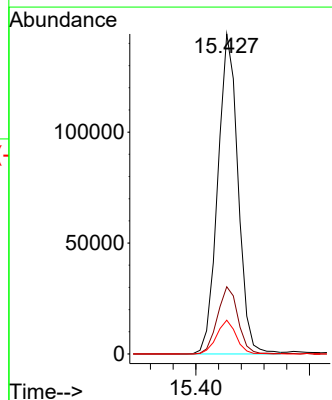
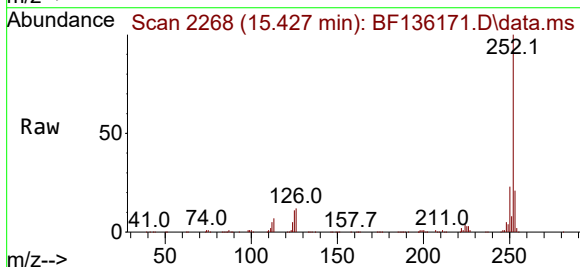
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

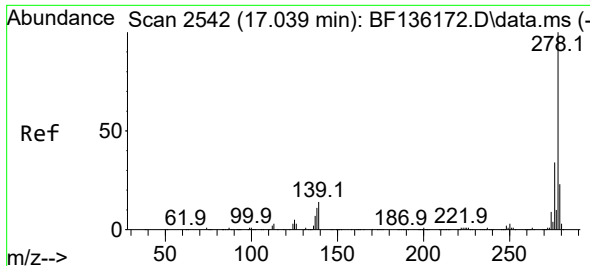
Tgt Ion:252 Resp: 187967  
Ion Ratio Lower Upper  
252 100  
253 21.1 17.3 25.9  
125 9.1 6.7 10.1



#90  
Benzo(a)pyrene  
Concen: 20.890 ng  
RT: 15.427 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: BF136171.D  
Acq: 07 Nov 2023 12:01

Tgt Ion:252 Resp: 178802  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.3 25.9  
125 10.5 7.7 11.5

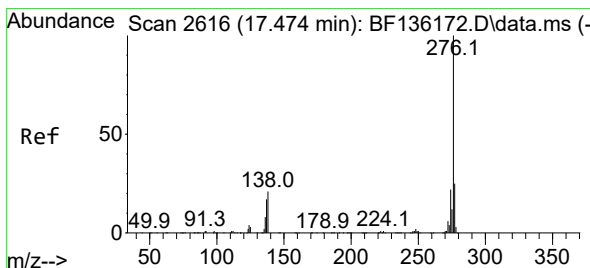
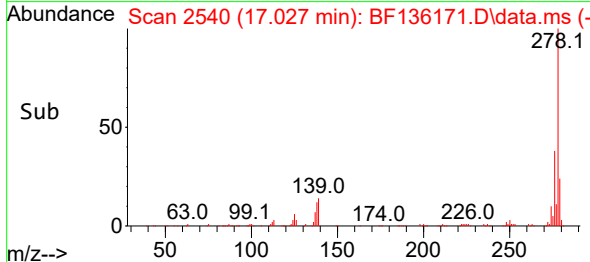
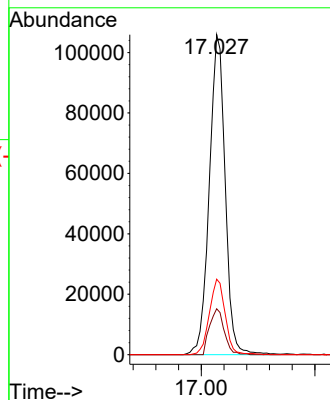
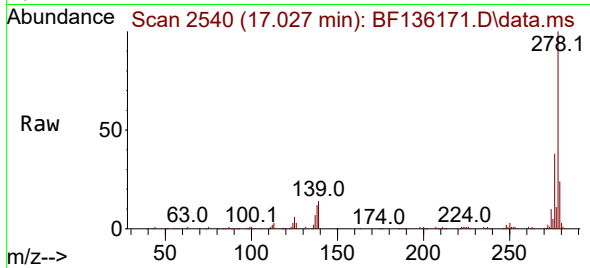




#91  
 Dibenzo(a,h)anthracene  
 Concen: 21.470 ng  
 RT: 17.027 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Tgt Ion:278 Resp: 204909  
 Ion Ratio Lower Upper  
 278 100  
 139 14.3 11.2 16.8  
 279 23.6 18.6 27.8



#92  
 Benzo(g,h,i)perylene  
 Concen: 21.624 ng  
 RT: 17.462 min Scan# 2614  
 Delta R.T. -0.012 min  
 Lab File: BF136171.D  
 Acq: 07 Nov 2023 12:01

Tgt Ion:276 Resp: 209240  
 Ion Ratio Lower Upper  
 276 100  
 277 22.9 19.8 29.6  
 138 18.2 16.4 24.6

