

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030224\  
 Data File : BF137469.D  
 Acq On : 02 Mar 2024 12:54  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 04 00:27:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 220619   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.133  | 136  | 863990   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 493077   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 842009   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 458781   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 416103   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1192239  | 81.847 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1657045  | 78.807 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 1473430  | 79.239 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 356684   | 82.374 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 2326276  | 73.852 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2595186  | 77.786 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 317436   | 39.854 | ng    | 100      |
| 3) Pyridine                   | 3.463  | 79   | 826296   | 43.015 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 314778   | 41.051 | ng    | 95       |
| 6) Aniline                    | 6.534  | 93   | 1067095  | 41.533 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 618647   | 40.266 | ng    | 97       |
| 9) Benzaldehyde               | 6.422  | 77   | 446004   | 43.296 | ng    | 98       |
| 10) Phenol                    | 6.516  | 94   | 921017   | 40.696 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 684183   | 41.255 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.804  | 146  | 654113   | 39.842 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 662610   | 39.446 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 600783   | 38.966 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.004  | 79   | 545224   | 41.651 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 1112129  | 39.012 | ng    | 99       |
| 17) 2-Methylphenol            | 7.116  | 107  | 581351   | 40.437 | ng    | 99       |
| 18) Hexachloroethane          | 7.363  | 117  | 226500   | 40.950 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 498781   | 38.414 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 649530   | 39.448 | ng    | 97       |
| 22) Acetophenone              | 7.269  | 105  | 823609   | 39.399 | ng    | # 94     |
| 24) Nitrobenzene              | 7.445  | 77   | 773452   | 41.407 | ng    | 96       |
| 25) Isophorone                | 7.681  | 82   | 1408392  | 39.867 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.757  | 139  | 320635   | 43.236 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 560524   | 40.451 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.892  | 93   | 844653   | 40.750 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 529932   | 41.669 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 539591   | 40.318 | ng    | 99       |
| 31) Naphthalene               | 8.157  | 128  | 1825706  | 39.384 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 245293   | 33.004 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.210  | 127  | 774490   | 42.608 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.275  | 225  | 315362   | 39.913 | ng    | 99       |
| 35) Caprolactam               | 8.592  | 113  | 184432   | 42.768 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 590165   | 41.515 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 1169663  | 39.580 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 1098931  | 39.487 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 533508   | 38.757 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 302020   | 56.466 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.127  | 196  | 364711   | 40.685 | ng    | 99       |

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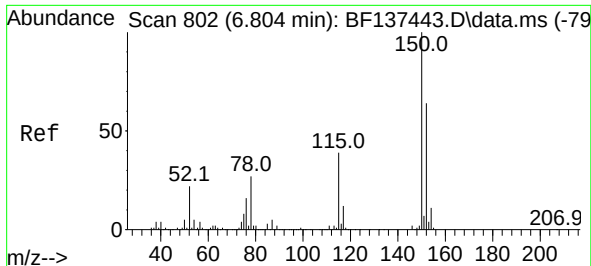
Quant Time: Mar 04 00:27:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 418818   | 40.559 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 1394376  | 38.637 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.339  | 162  | 1072018  | 38.961 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 406665   | 43.484 | ng    | 91       |
| 49) Acenaphthylene            | 9.757  | 152  | 1724476  | 39.163 | ng    | 100      |
| 50) Dimethylphthalate         | 9.627  | 163  | 1346787  | 39.238 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 290421   | 40.453 | ng    | 98       |
| 52) Acenaphthene              | 9.927  | 154  | 1014074  | 38.575 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 325201   | 42.825 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 121112   | 39.256 | ng    | 97       |
| 55) Dibenzofuran              | 10.104 | 168  | 1543169  | 38.542 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 211038   | 41.379 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 372071   | 42.184 | ng    | 99       |
| 58) Fluorene                  | 10.445 | 166  | 1141255  | 37.115 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232  | 342316   | 41.339 | ng    | 99       |
| 60) Diethylphthalate          | 10.327 | 149  | 1272894  | 39.271 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 562492   | 37.326 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.474 | 138  | 287454   | 44.043 | ng    | 99       |
| 63) Azobenzene                | 10.604 | 77   | 1465490  | 39.265 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 202915   | 43.239 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 1068462  | 39.407 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 368583   | 40.190 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.992 | 284  | 368205   | 39.751 | ng    | 98       |
| 69) Atrazine                  | 11.098 | 200  | 337771   | 40.979 | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 235206   | 42.004 | ng    | 100      |
| 71) Phenanthrene              | 11.416 | 178  | 1769549  | 38.616 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 1860026  | 39.521 | ng    | 99       |
| 73) Carbazole                 | 11.621 | 167  | 1609530  | 39.926 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1910409  | 39.830 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 1758853  | 39.267 | ng    | 98       |
| 77) Benzidine                 | 12.739 | 184  | 483752   | 43.087 | ng    | 98       |
| 78) Pyrene                    | 12.839 | 202  | 1787945  | 39.717 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 510504   | 44.405 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 1273890  | 39.617 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 386498   | 45.136 | ng    | 99       |
| 83) Chrysene                  | 14.074 | 228  | 1305907  | 40.183 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 619184   | 42.373 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 14.662 | 149  | 1064678  | 38.996 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.156 | 276  | 1160407  | 42.378 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1001485  | 40.687 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 1049692  | 39.704 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 997522   | 41.125 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.180 | 278  | 958569   | 43.154 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.639 | 276  | 976704   | 42.815 | ng    | 100      |

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

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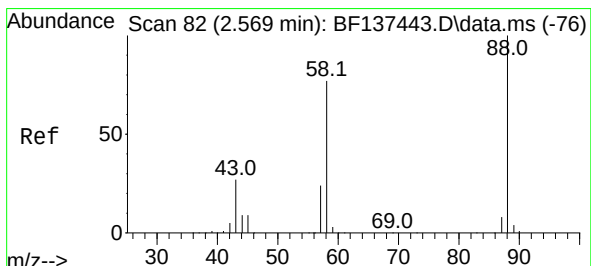
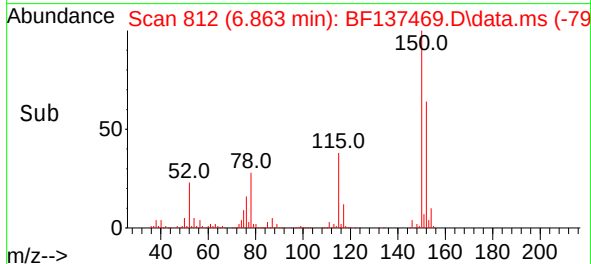
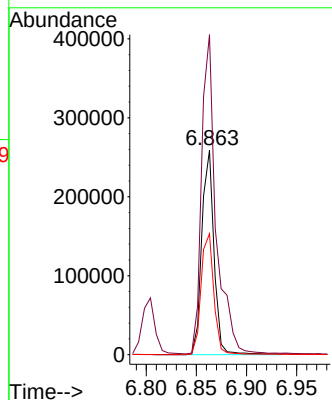
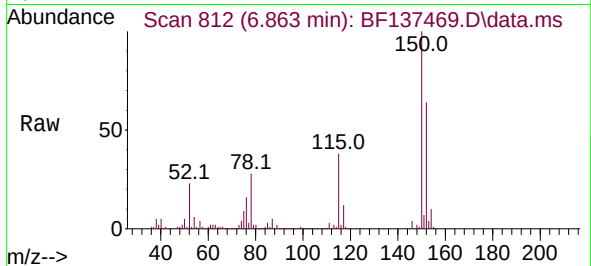




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

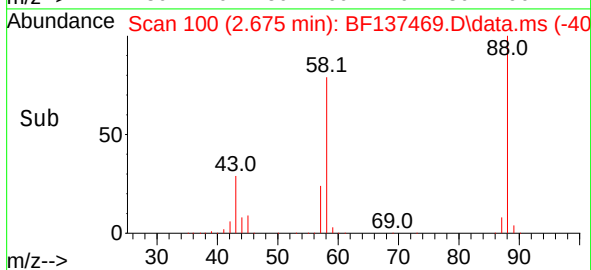
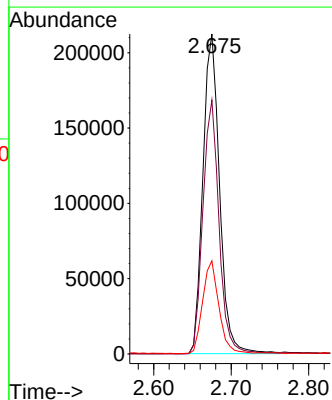
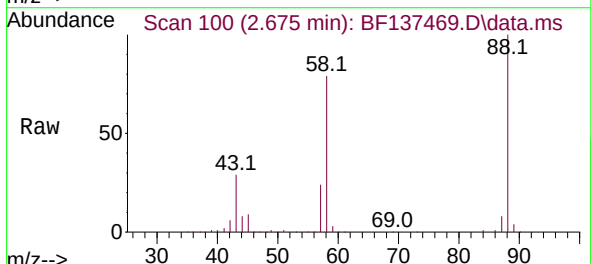
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

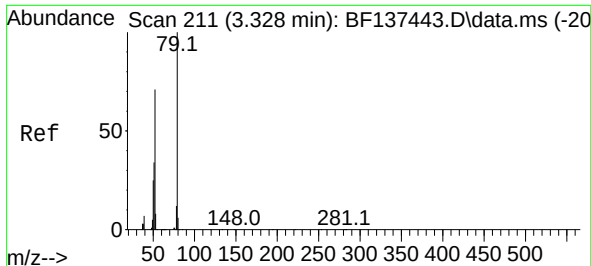
Tgt Ion:152 Resp: 220619  
Ion Ratio Lower Upper  
152 100  
150 156.6 125.8 188.6  
115 59.2 48.8 73.2



#2  
1,4-Dioxane  
Concen: 39.854 ng  
RT: 2.675 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 88 Resp: 317436  
Ion Ratio Lower Upper  
88 100  
58 77.2 61.8 92.8  
43 28.4 22.2 33.4

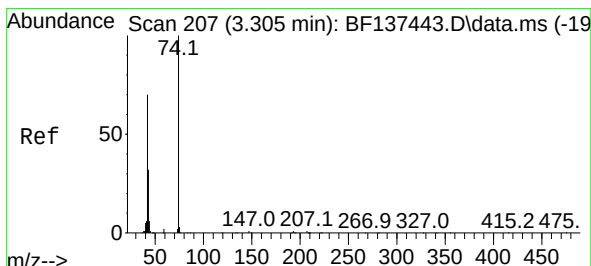
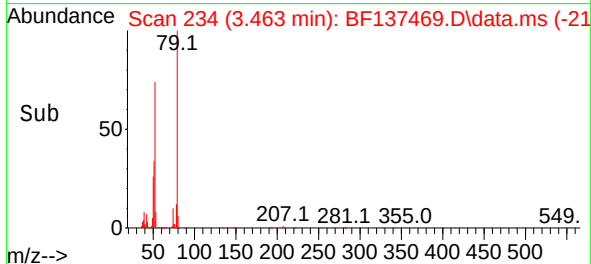
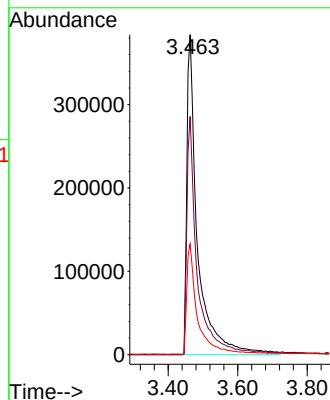
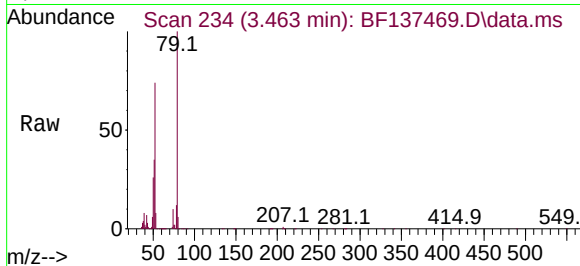




#3  
Pyridine  
Concen: 43.015 ng  
RT: 3.463 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

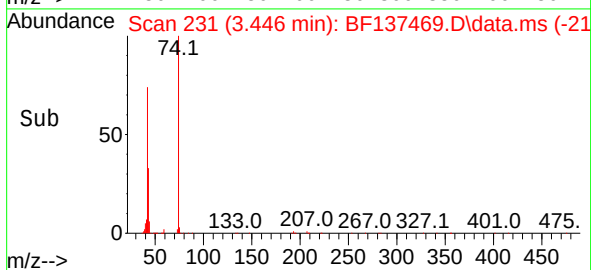
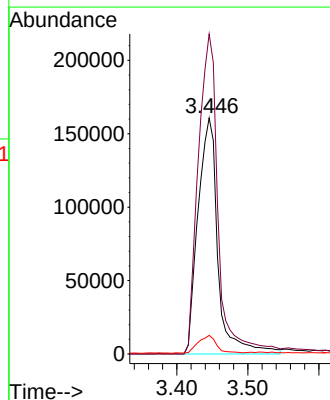
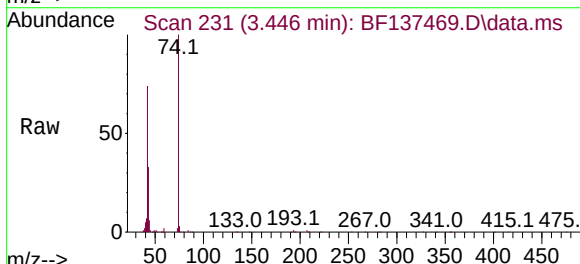
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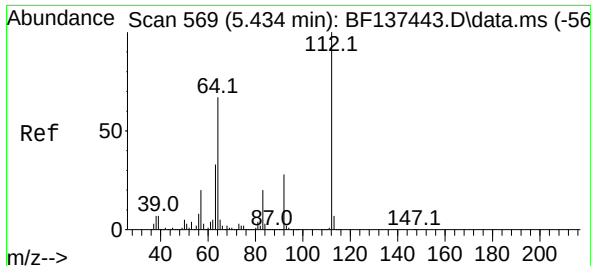
Tgt Ion: 79 Resp: 826296  
Ion Ratio Lower Upper  
79 100  
52 74.4 57.0 85.4  
51 34.6 27.5 41.3



#4  
n-Nitrosodimethylamine  
Concen: 41.051 ng  
RT: 3.446 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 42 Resp: 314778  
Ion Ratio Lower Upper  
42 100  
74 135.6 114.0 171.0  
44 7.9 7.0 10.4

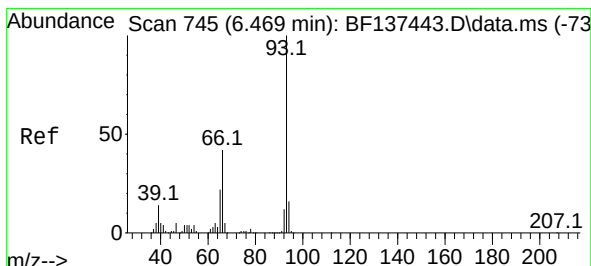
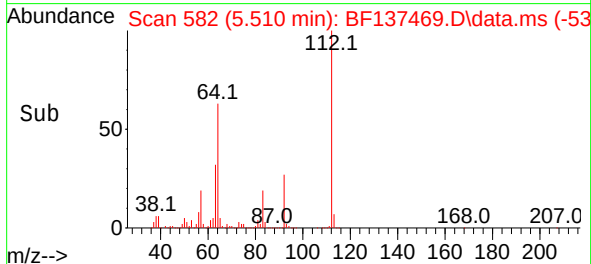
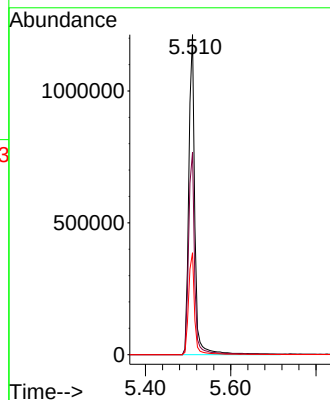
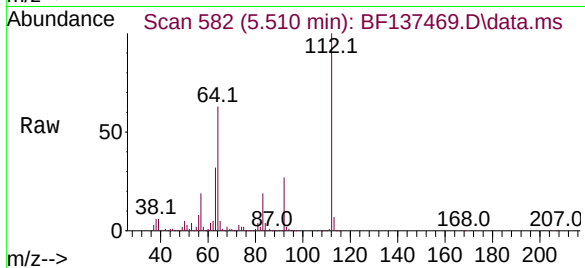




#5  
2-Fluorophenol  
Concen: 81.847 ng  
RT: 5.510 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

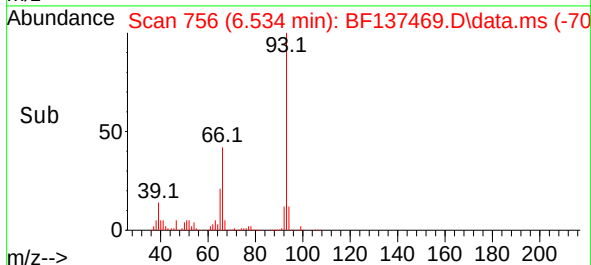
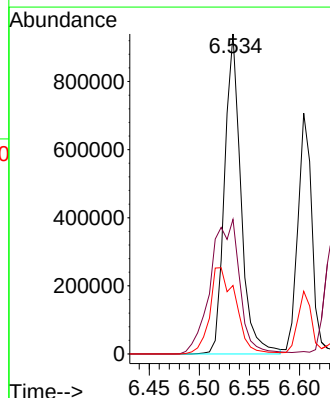
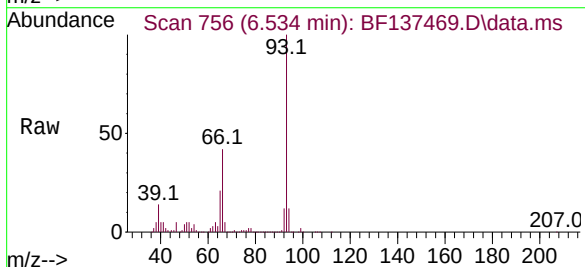
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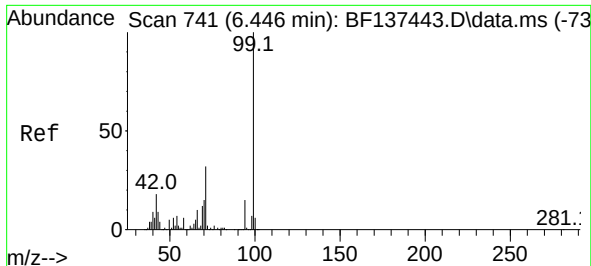
Tgt Ion:112 Resp: 1192239  
Ion Ratio Lower Upper  
112 100  
64 63.2 53.4 80.2  
63 31.8 26.2 39.2



#6  
Aniline  
Concen: 41.533 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
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Tgt Ion: 93 Resp: 1067095  
Ion Ratio Lower Upper  
93 100  
66 42.1 34.0 51.0  
65 21.4 17.8 26.8





#7

Phenol-d6

Concen: 78.807 ng

RT: 6.504 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

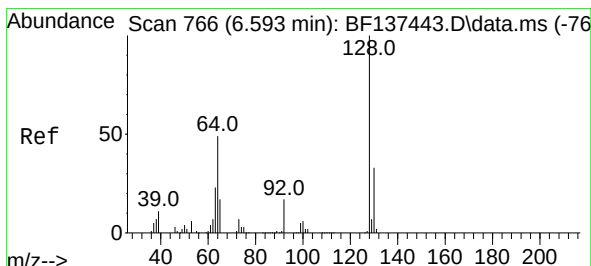
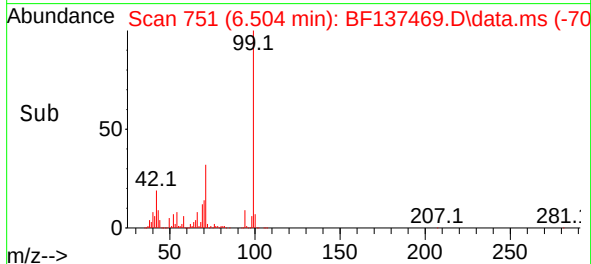
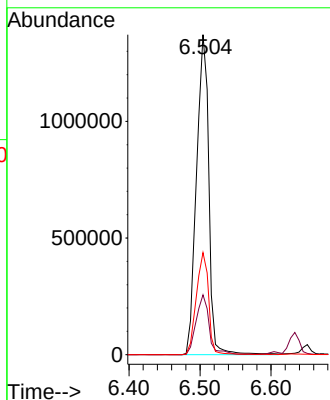
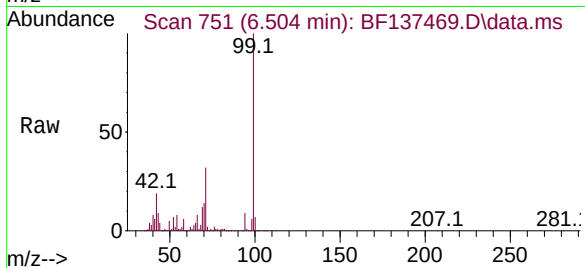
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1657045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 14.6  | 21.8  |
| 71  | 31.9  | 25.3  | 37.9  |



#8

2-Chlorophenol

Concen: 40.266 ng

RT: 6.651 min Scan# 776

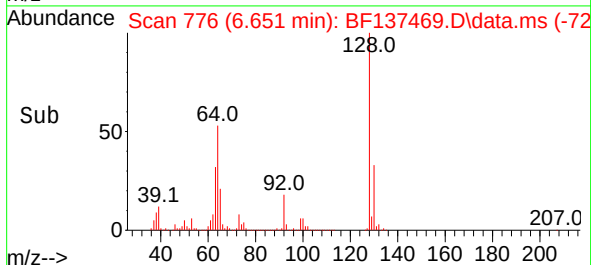
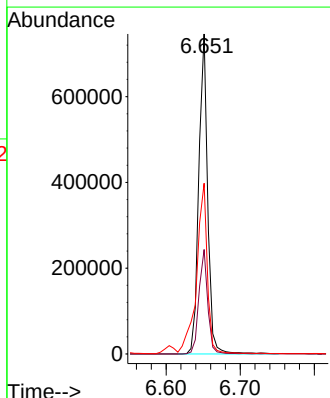
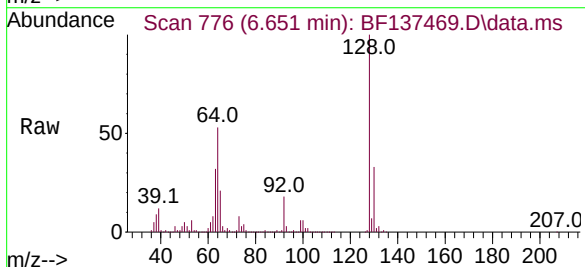
Delta R.T. 0.000 min

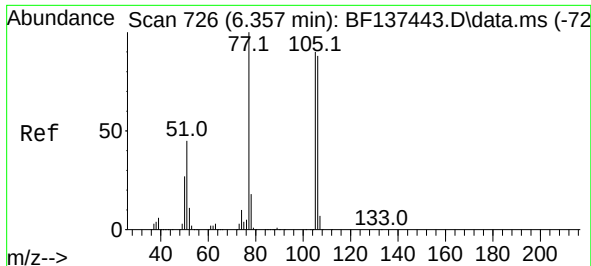
Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Tgt Ion: 128 Resp: 618647

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 13.4  | 53.4  |
| 64  | 53.3  | 30.0  | 70.0  |





#9

Benzaldehyde

Concen: 43.296 ng

RT: 6.422 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137469.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

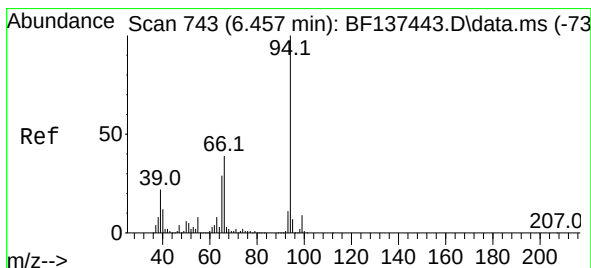
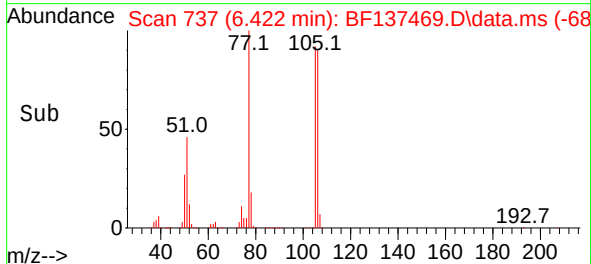
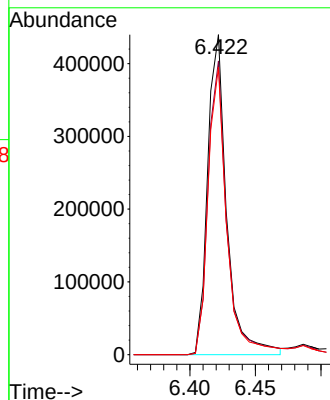
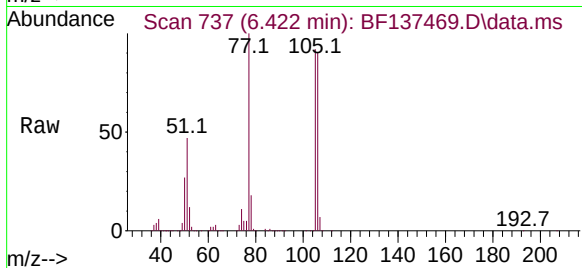
Tgt Ion: 77 Resp: 446004

Ion Ratio Lower Upper

77 100

105 91.8 69.8 109.8

106 89.8 67.8 107.8



#10

Phenol

Concen: 40.696 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

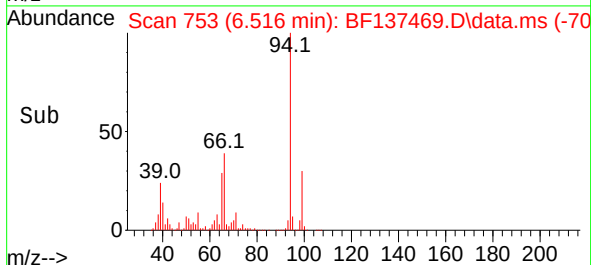
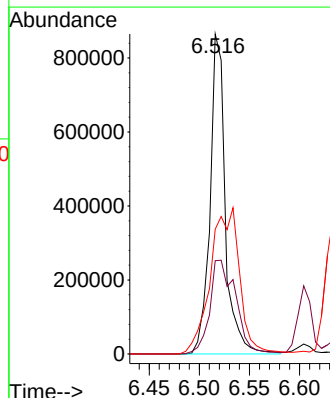
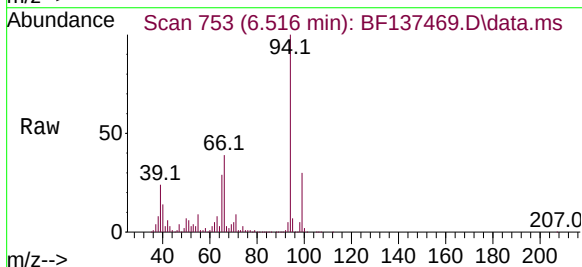
Tgt Ion: 94 Resp: 921017

Ion Ratio Lower Upper

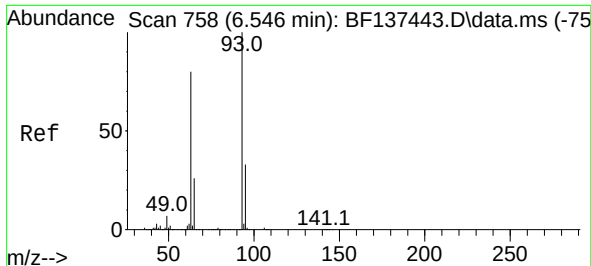
94 100

65 29.2 8.7 48.7

66 39.0 18.6 58.6



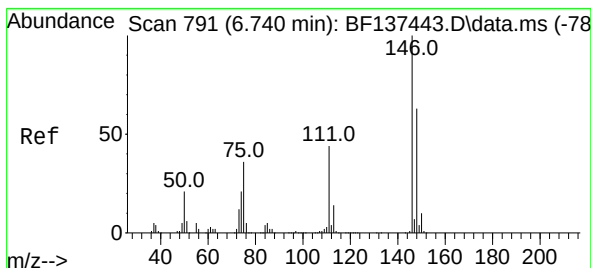
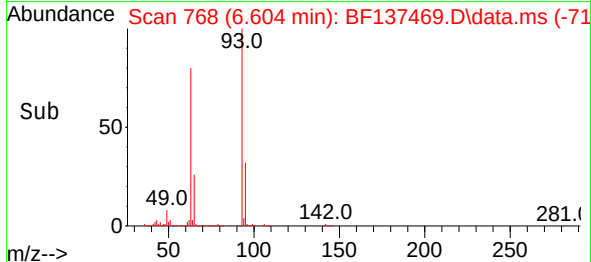
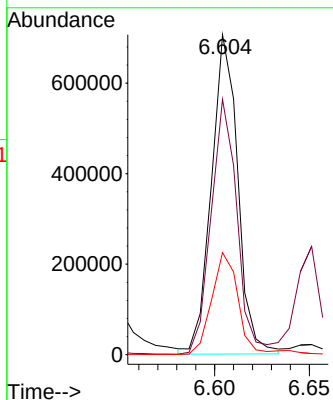
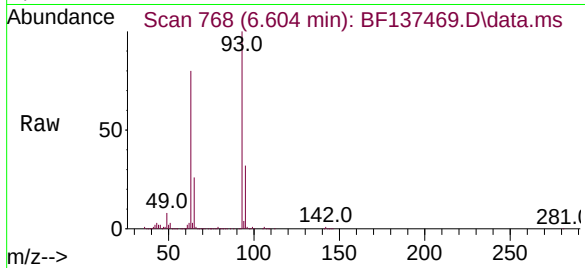




#11  
bis(2-Chloroethyl)ether  
Concen: 41.255 ng  
RT: 6.604 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

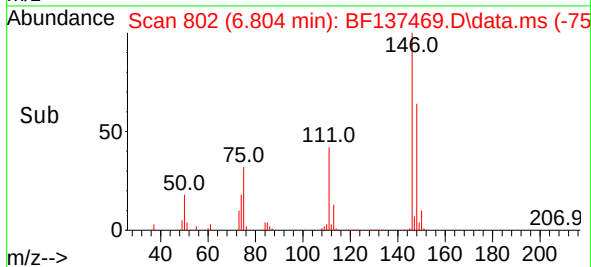
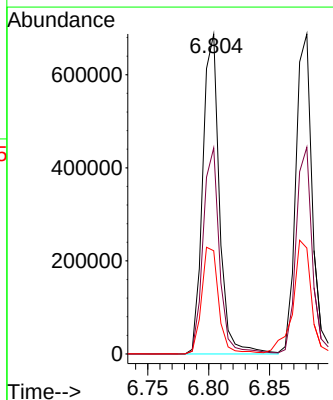
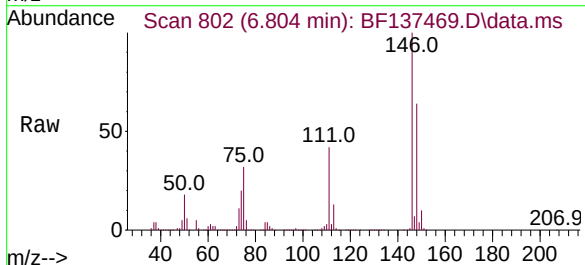
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

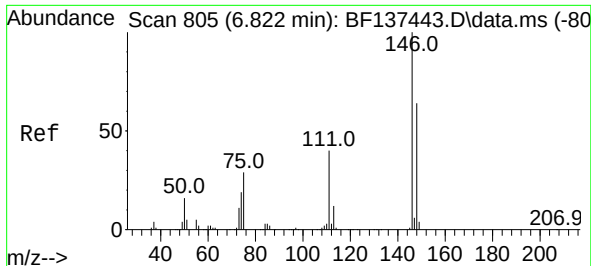
Tgt Ion: 93 Resp: 684183  
Ion Ratio Lower Upper  
93 100  
63 79.8 58.9 98.9  
95 31.9 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 39.842 ng  
RT: 6.804 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:146 Resp: 654113  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.3 75.5  
75 32.3 29.0 43.4

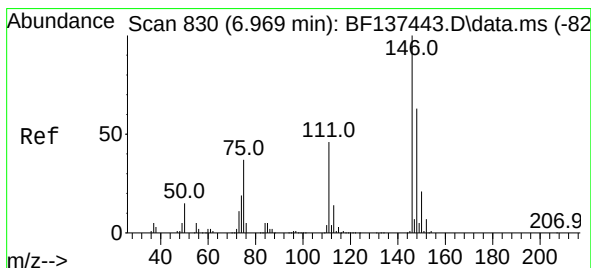
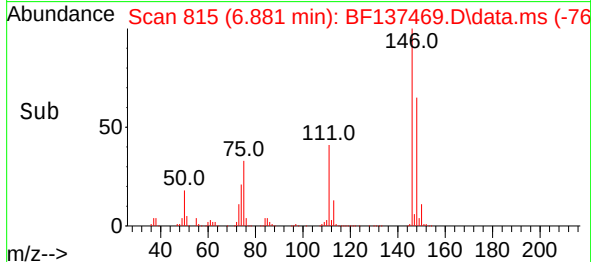
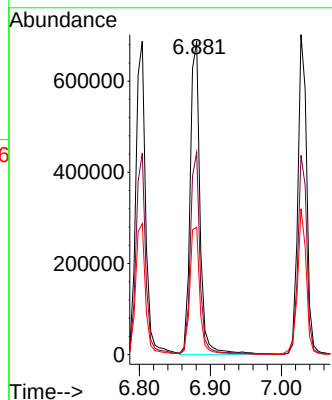
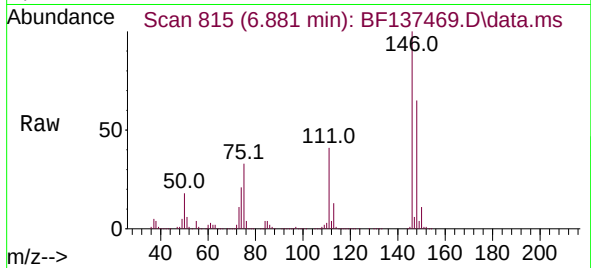




#13  
1,4-Dichlorobenzene  
Concen: 39.446 ng  
RT: 6.881 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

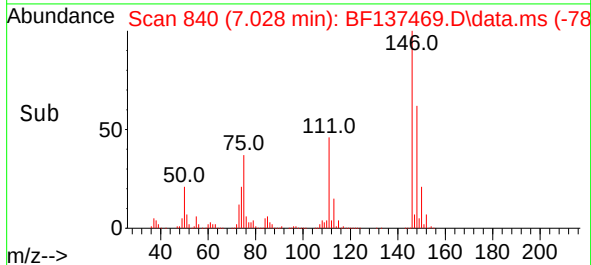
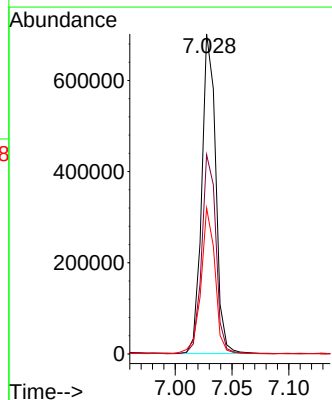
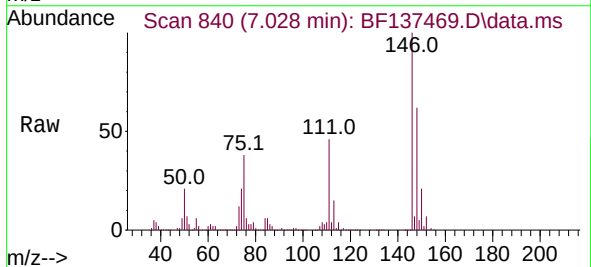
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

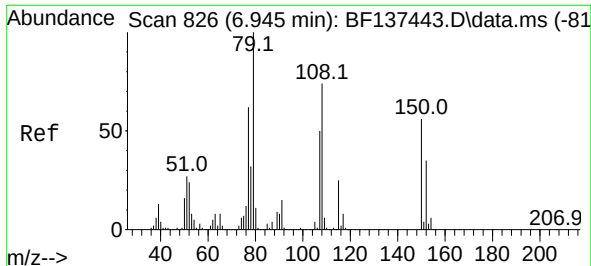
Tgt Ion:146 Resp: 662610  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.2 76.8  
111 40.7 32.4 48.6



#14  
1,2-Dichlorobenzene  
Concen: 38.966 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:146 Resp: 600783  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.0 75.0  
111 45.6 36.8 55.2

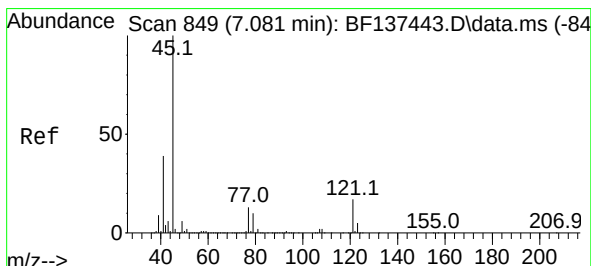
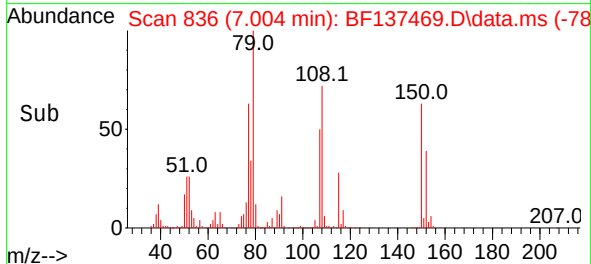
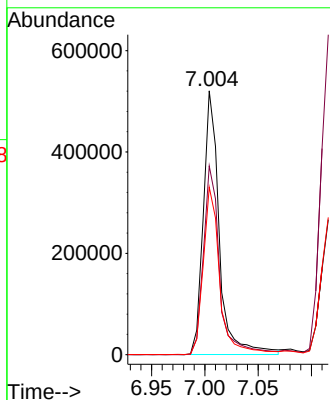
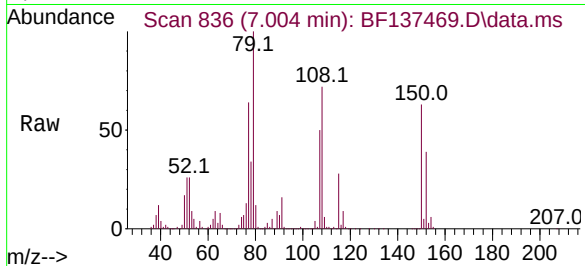




#15  
Benzyl Alcohol  
Concen: 41.651 ng  
RT: 7.004 min Scan# 841  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

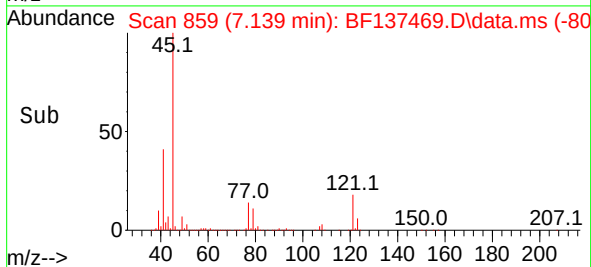
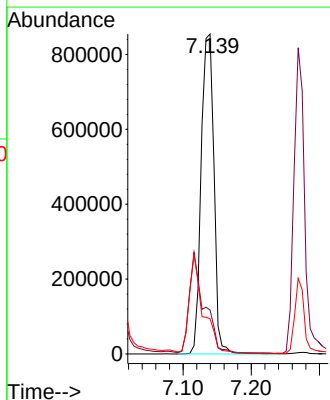
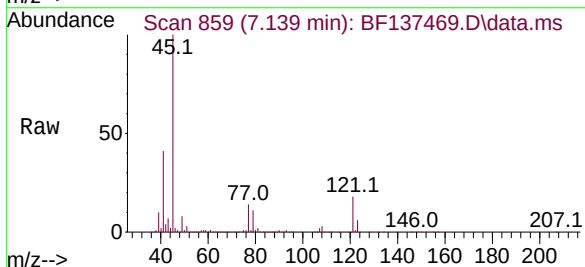
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

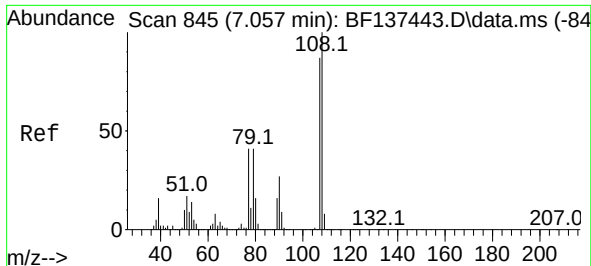
Tgt Ion: 79 Resp: 545224  
Ion Ratio Lower Upper  
79 100  
108 71.5 59.5 89.3  
77 63.5 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.012 ng  
RT: 7.139 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 45 Resp: 1112129  
Ion Ratio Lower Upper  
45 100  
77 13.8 0.0 33.4  
79 11.1 0.0 30.9

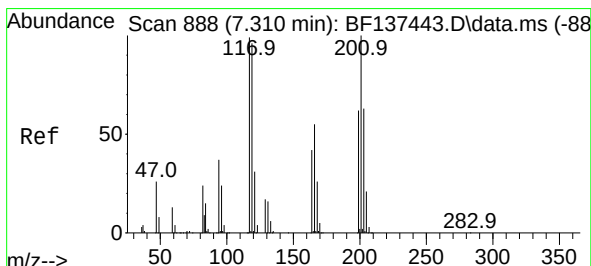
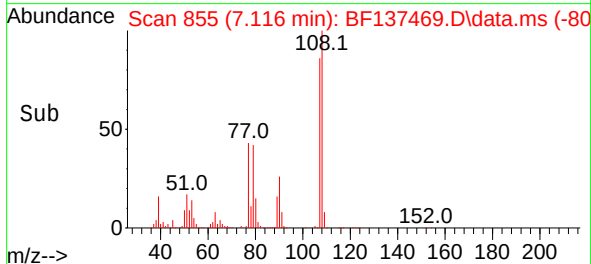
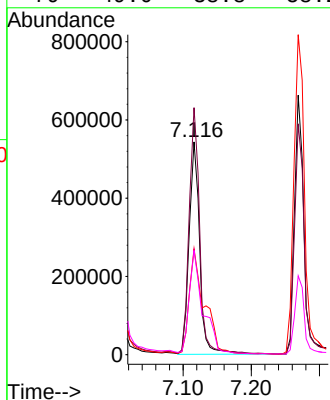
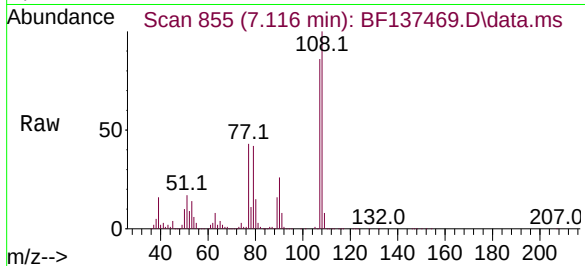




#17  
2-Methylphenol  
Concen: 40.437 ng  
RT: 7.116 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

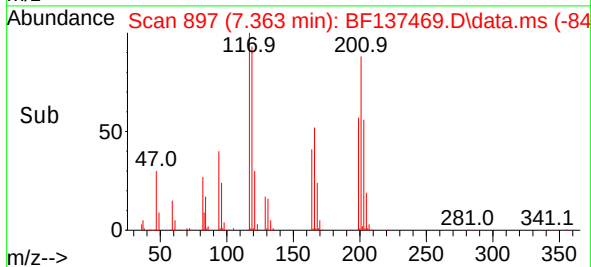
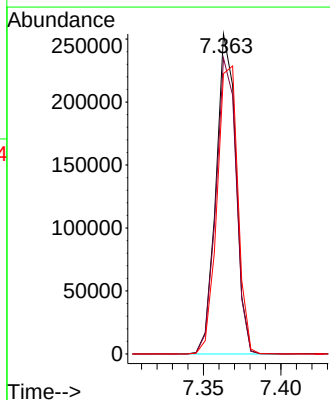
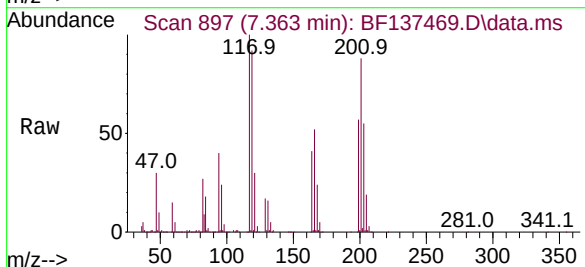
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

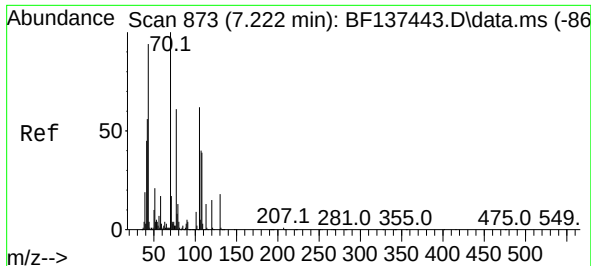
Tgt Ion:107 Resp: 581351  
Ion Ratio Lower Upper  
107 100  
108 116.1 92.2 138.4  
77 49.8 38.6 57.8  
79 49.0 38.8 58.2



#18  
Hexachloroethane  
Concen: 40.950 ng  
RT: 7.363 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:117 Resp: 226500  
Ion Ratio Lower Upper  
117 100  
119 92.4 77.5 116.3  
201 87.6 80.6 121.0

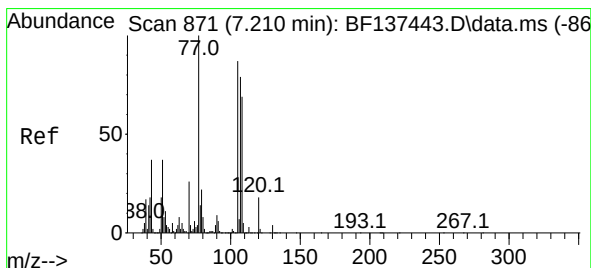
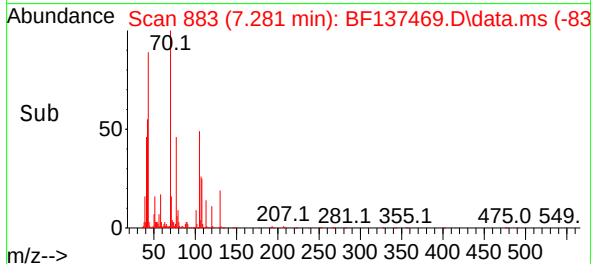
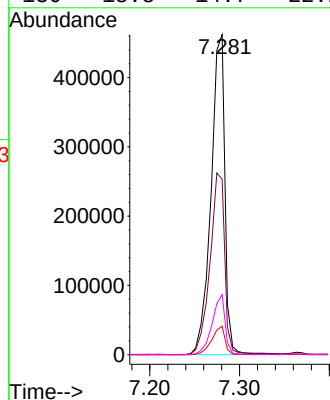
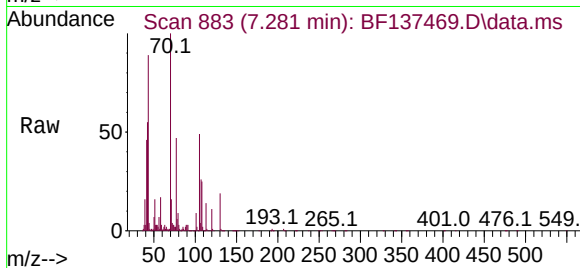




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.414 ng  
RT: 7.281 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

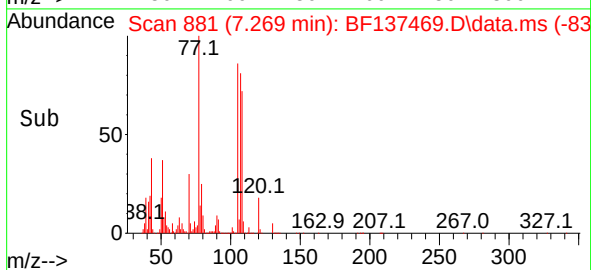
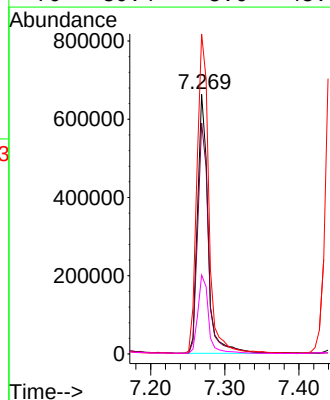
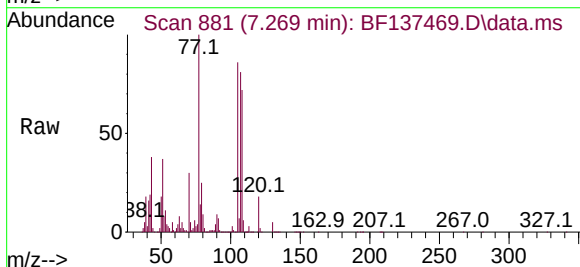
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

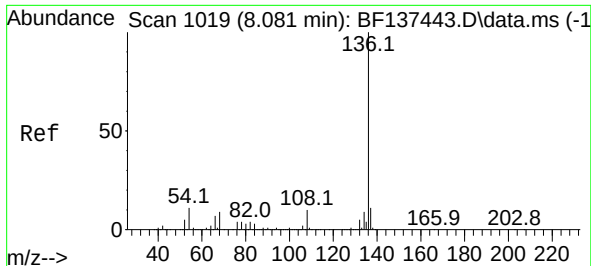
Tgt Ion: 70 Resp: 498781  
Ion Ratio Lower Upper  
70 100  
42 54.8 45.2 67.8  
101 8.9 7.3 10.9  
130 18.8 14.7 22.1



#20  
3+4-Methylphenols  
Concen: 39.448 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 107 Resp: 649530  
Ion Ratio Lower Upper  
107 100  
108 89.0 67.6 107.6  
77 123.3 107.1 147.1  
79 30.4 8.6 48.6

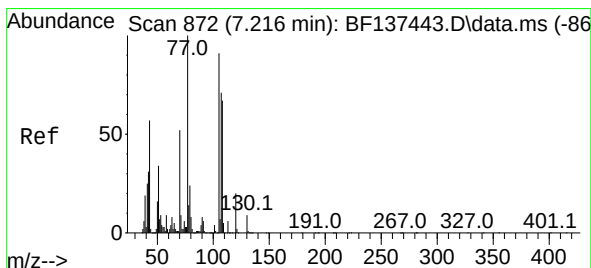
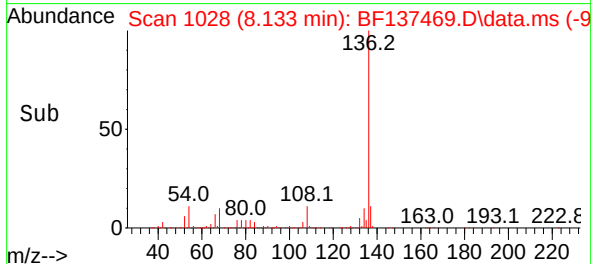
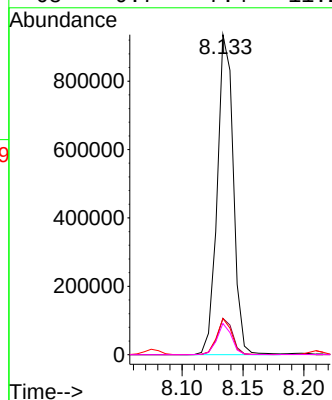
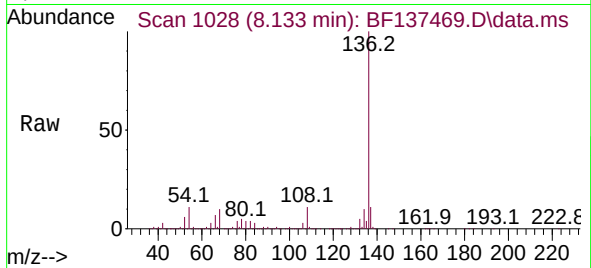




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.133 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

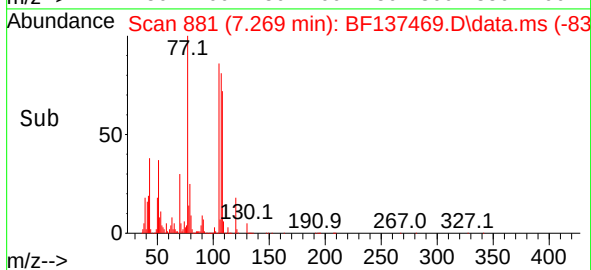
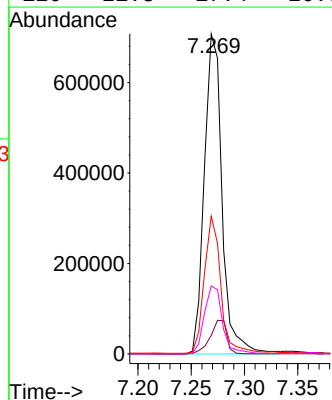
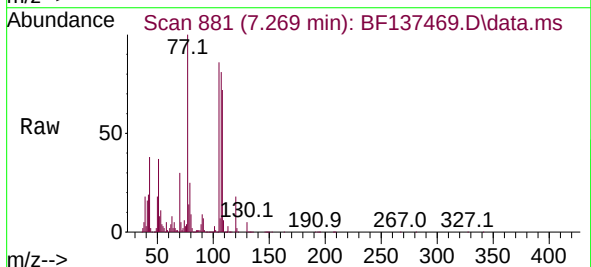
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

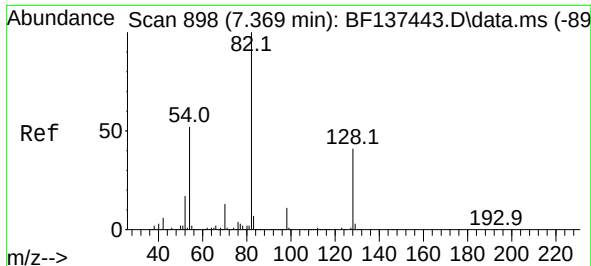
Tgt Ion:136 Resp: 863990  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 11.3 8.5 12.7  
68 9.7 7.4 11.2



#22  
Acetophenone  
Concen: 39.399 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:105 Resp: 823609  
Ion Ratio Lower Upper  
105 100  
71 5.8 7.7 11.5#  
51 43.1 30.4 45.6  
120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 79.239 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

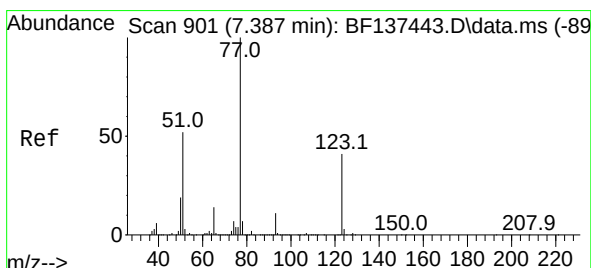
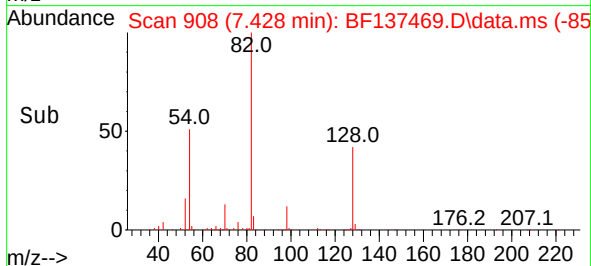
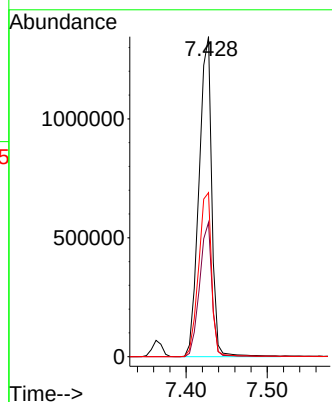
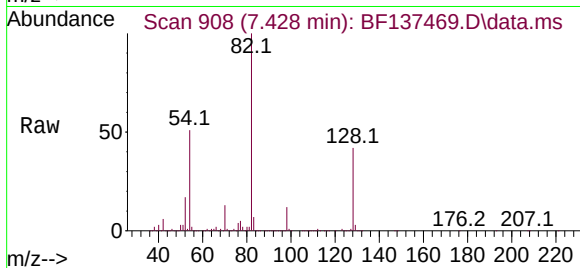
Tgt Ion: 82 Resp: 1473430

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

54 51.2 41.5 62.3



#24

Nitrobenzene

Concen: 41.407 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

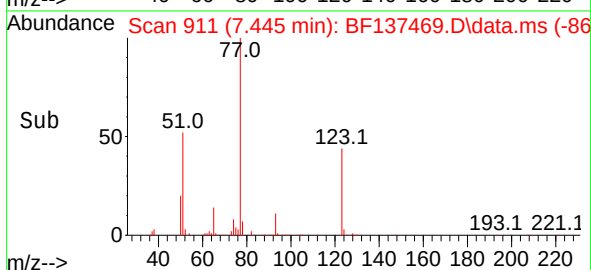
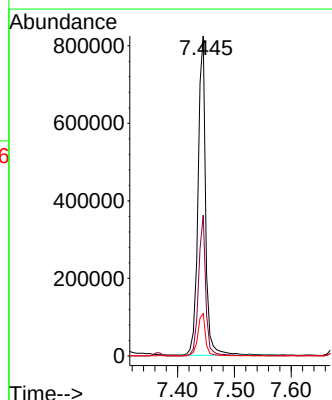
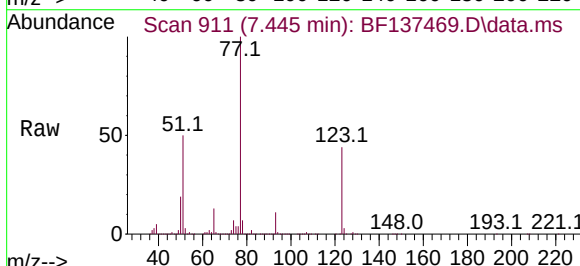
Tgt Ion: 77 Resp: 773452

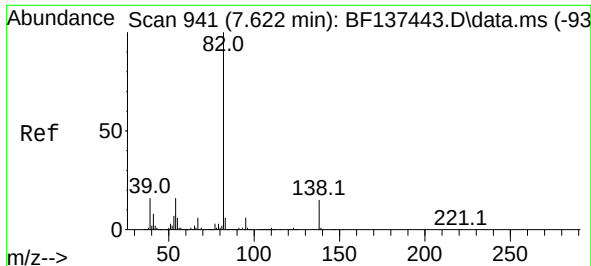
Ion Ratio Lower Upper

77 100

123 44.1 33.0 49.6

65 13.3 10.9 16.3

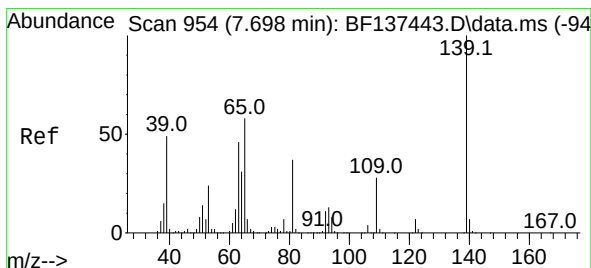
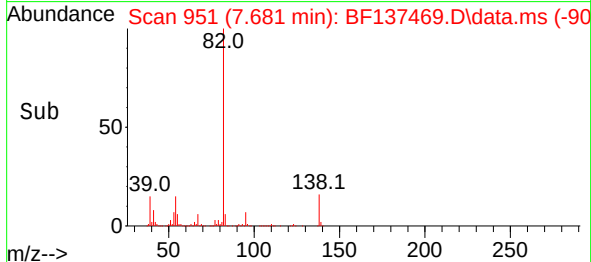
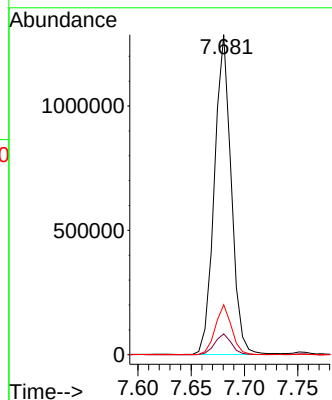
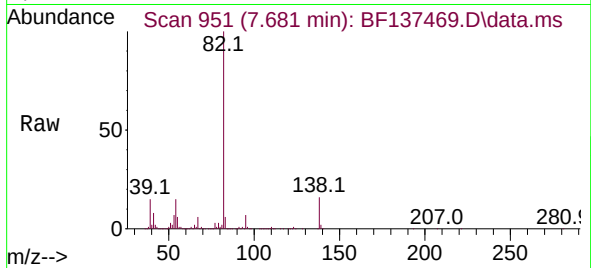




#25  
Isophorone  
Concen: 39.867 ng  
RT: 7.681 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

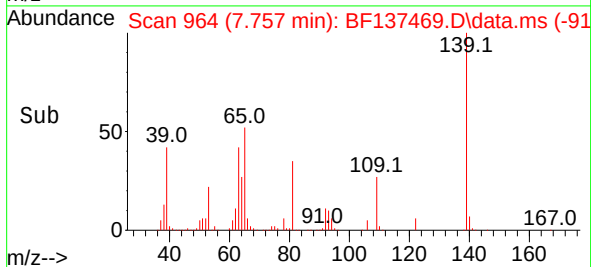
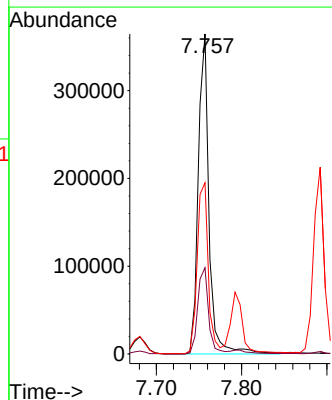
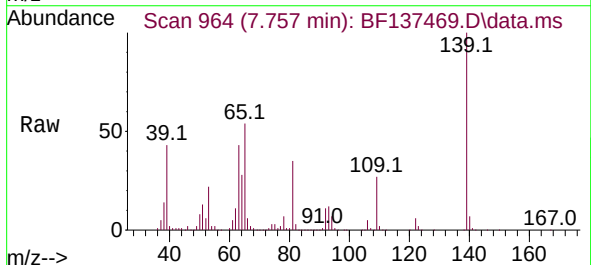
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1408392  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.1 7.7  
138 15.6 11.8 17.8

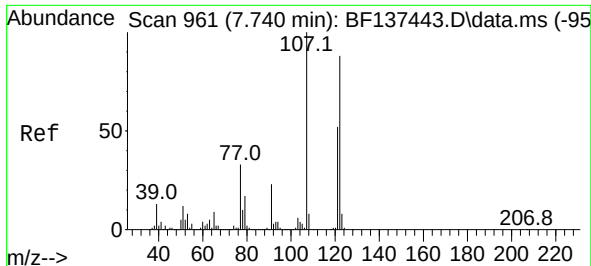


#26  
2-Nitrophenol  
Concen: 43.236 ng  
RT: 7.757 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 139 Resp: 320635  
Ion Ratio Lower Upper  
139 100  
109 26.9 22.2 33.4  
65 53.5 46.2 69.2



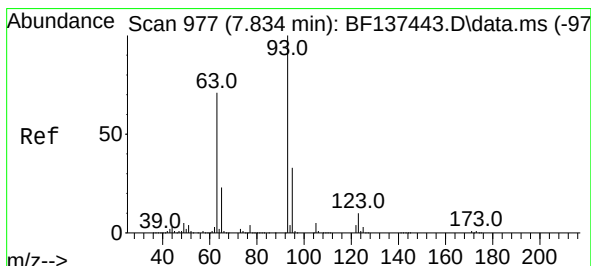
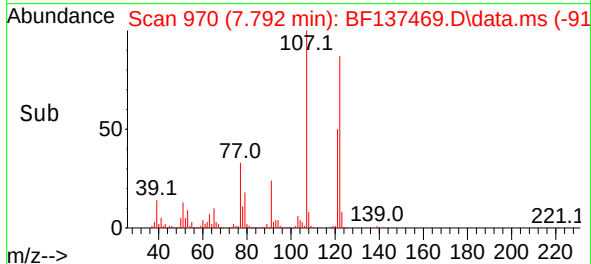
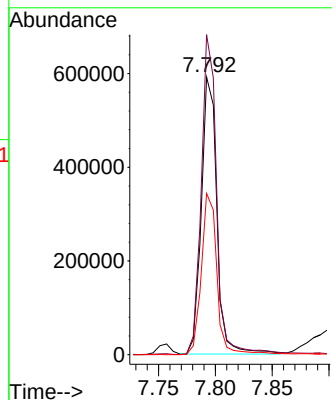
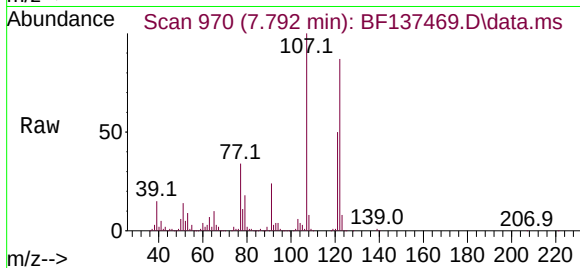




#27  
2,4-Dimethylphenol  
Concen: 40.451 ng  
RT: 7.792 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

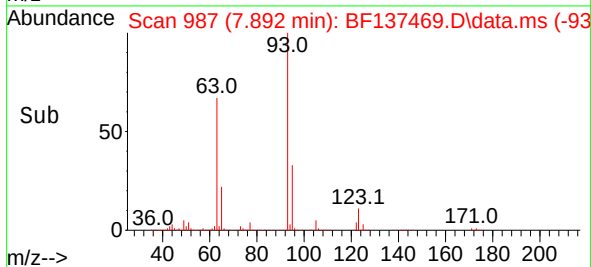
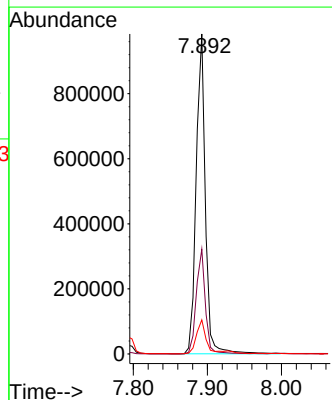
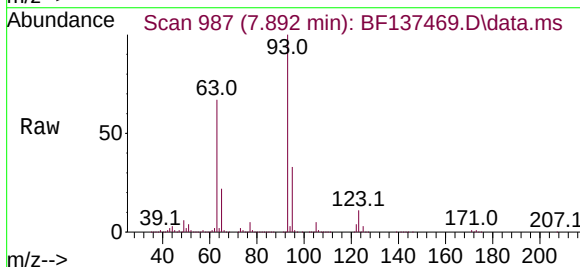
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

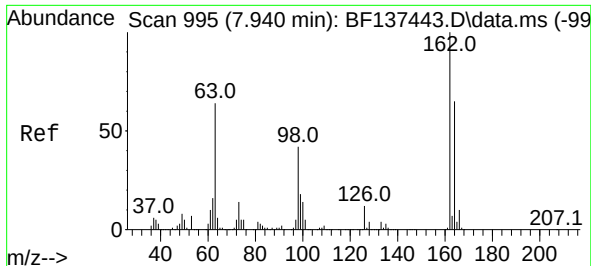
Tgt Ion:122 Resp: 560524  
Ion Ratio Lower Upper  
122 100  
107 115.3 90.9 136.3  
121 58.1 47.0 70.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.750 ng  
RT: 7.892 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion: 93 Resp: 844653  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.5 39.7  
123 10.6 8.0 12.0

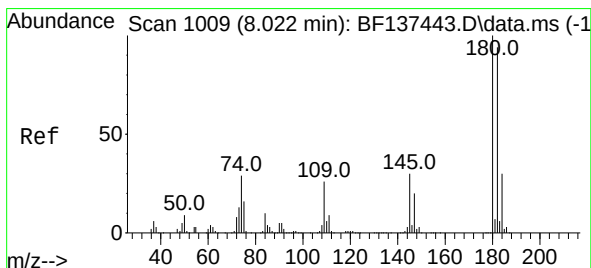
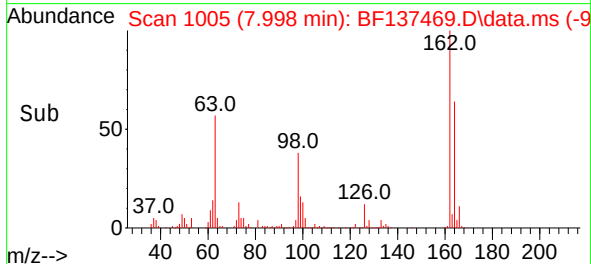
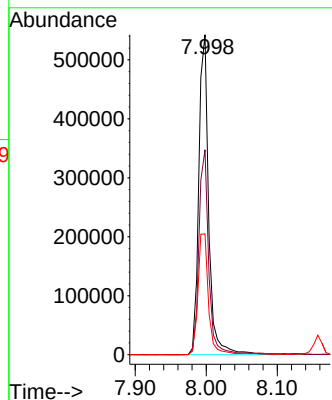
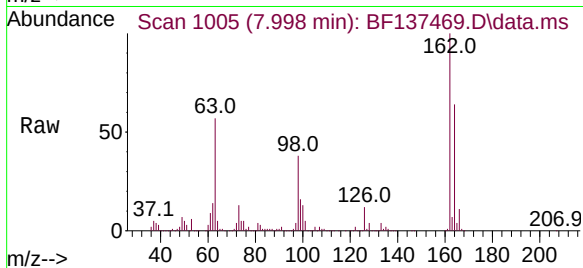




#29  
2,4-Dichlorophenol  
Concen: 41.669 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

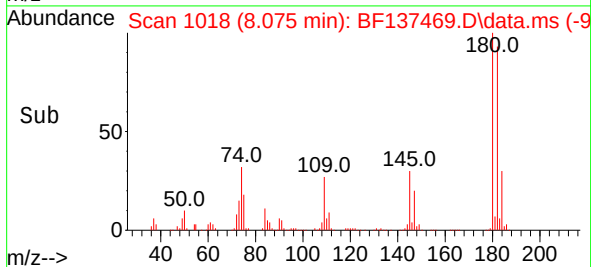
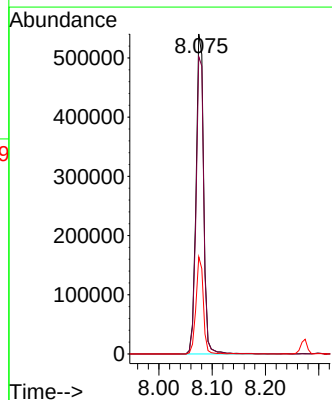
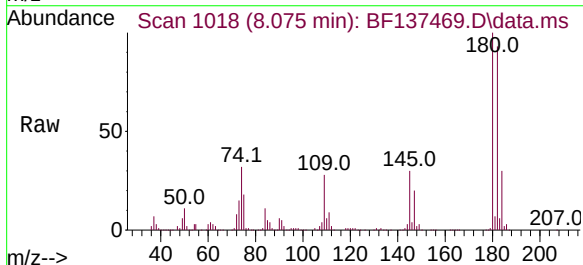
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

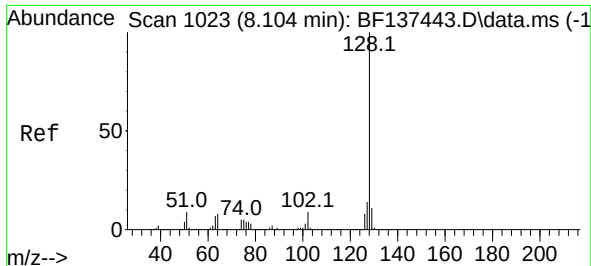
Tgt Ion:162 Resp: 529932  
Ion Ratio Lower Upper  
162 100  
164 64.1 44.7 84.7  
98 37.8 22.0 62.0



#30  
1,2,4-Trichlorobenzene  
Concen: 40.318 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:180 Resp: 539591  
Ion Ratio Lower Upper  
180 100  
182 92.9 75.0 112.6  
145 30.3 23.7 35.5





#31

Naphthalene

Concen: 39.384 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

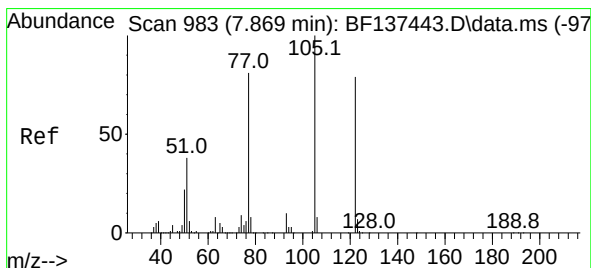
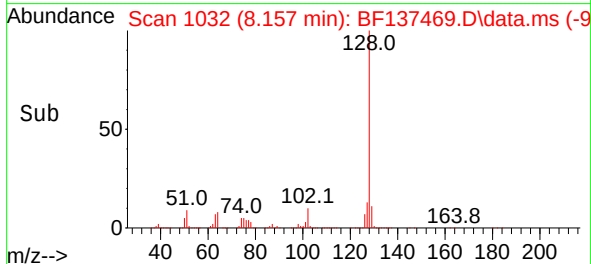
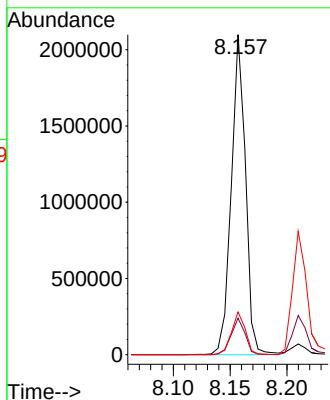
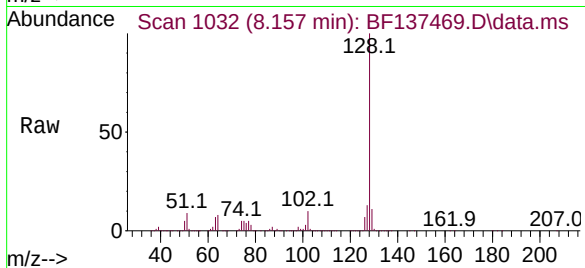
Tgt Ion:128 Resp: 1825706

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 33.004 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

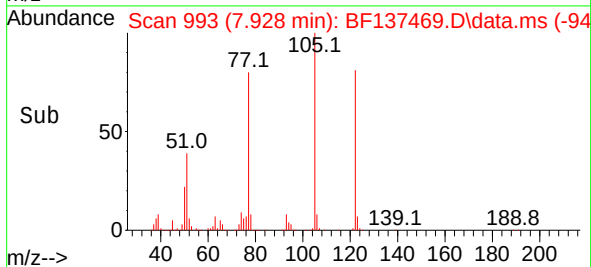
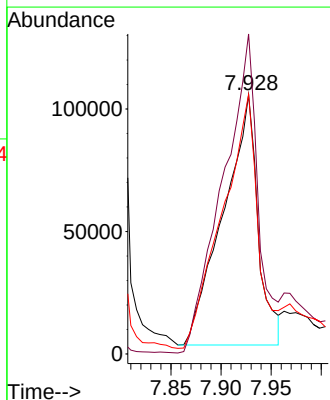
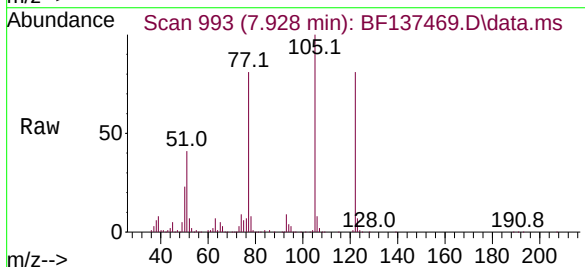
Tgt Ion:122 Resp: 245293

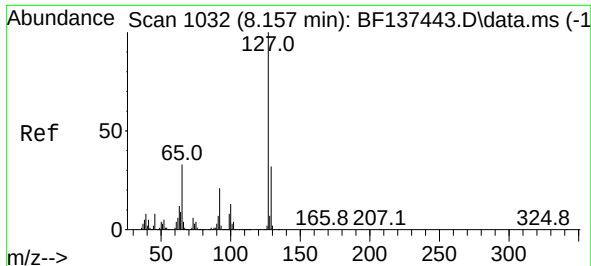
Ion Ratio Lower Upper

122 100

105 123.4 102.4 142.4

77 100.1 81.1 121.1





#33

4-Chloroaniline

Concen: 42.608 ng

RT: 8.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 774490

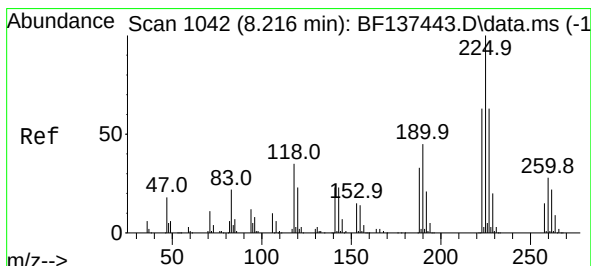
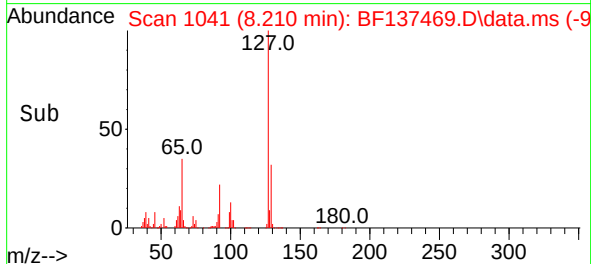
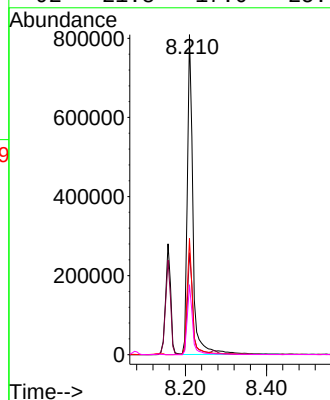
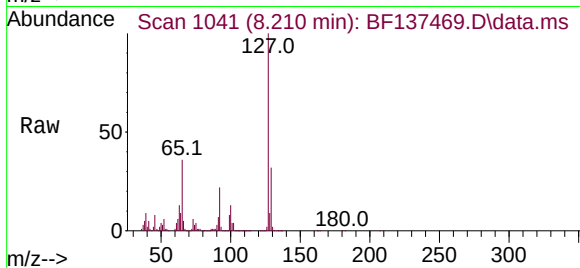
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 36.3 26.8 40.2

92 21.8 17.0 25.6



#34

Hexachlorobutadiene

Concen: 39.913 ng

RT: 8.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

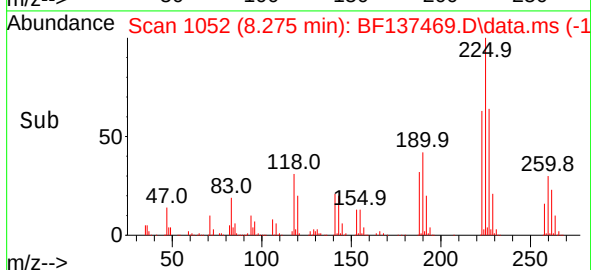
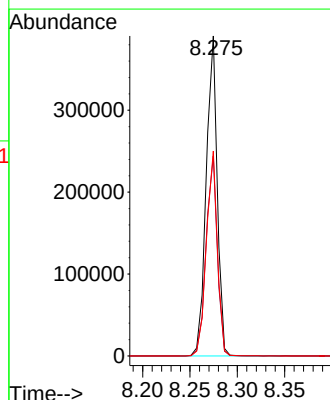
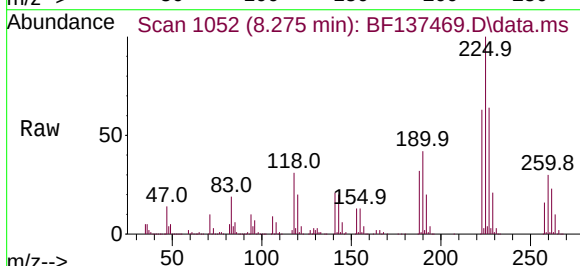
Tgt Ion:225 Resp: 315362

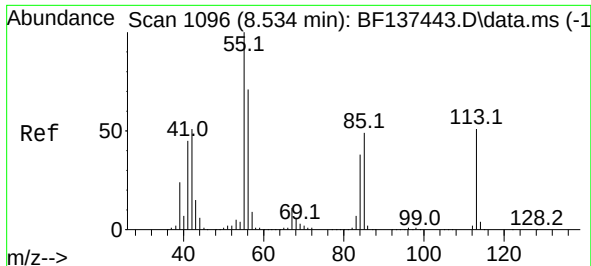
Ion Ratio Lower Upper

225 100

223 62.5 50.7 76.1

227 64.1 50.6 75.8





#35

Caprolactam

Concen: 42.768 ng

RT: 8.592 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

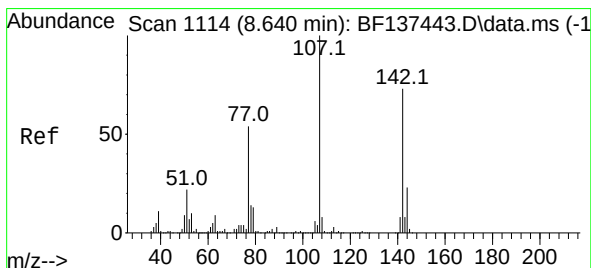
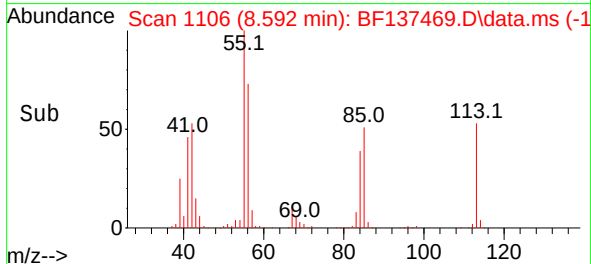
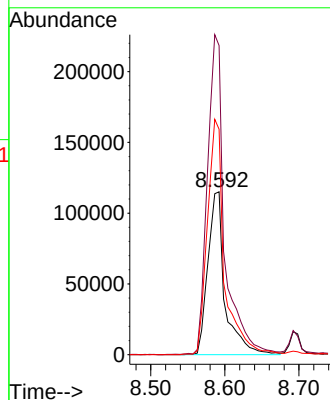
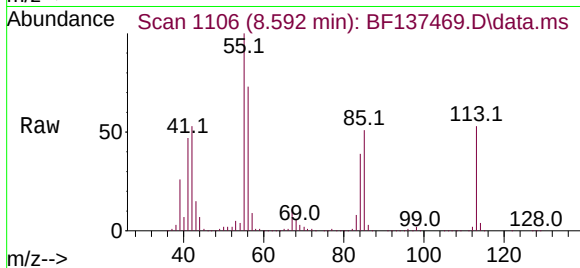
Tgt Ion:113 Resp: 184432

Ion Ratio Lower Upper

113 100

55 189.8 176.7 216.7

56 138.4 120.6 160.6



#36

4-Chloro-3-methylphenol

Concen: 41.515 ng

RT: 8.692 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

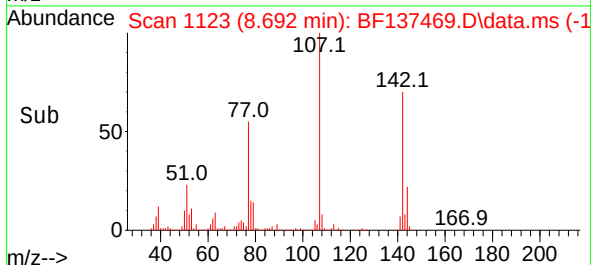
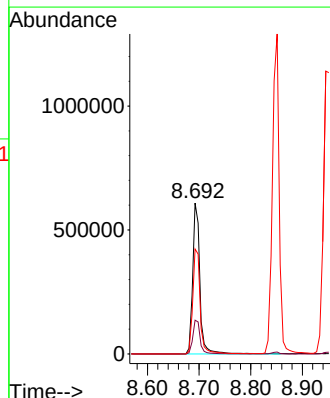
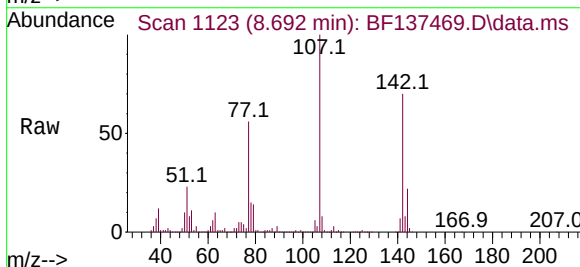
Tgt Ion:107 Resp: 590165

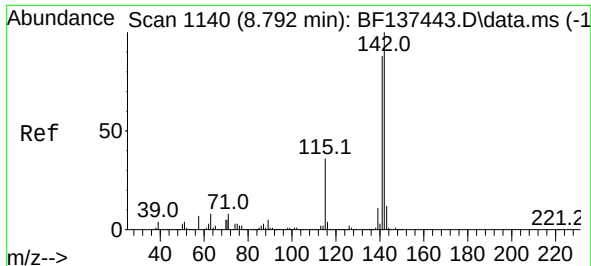
Ion Ratio Lower Upper

107 100

144 22.4 18.7 28.1

142 69.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.580 ng

RT: 8.851 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

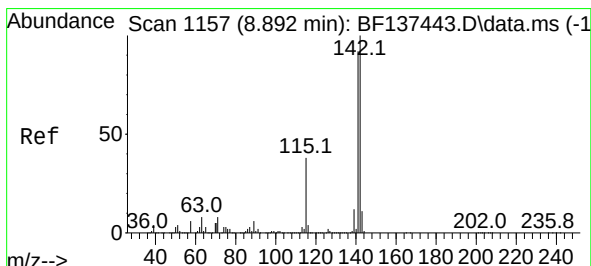
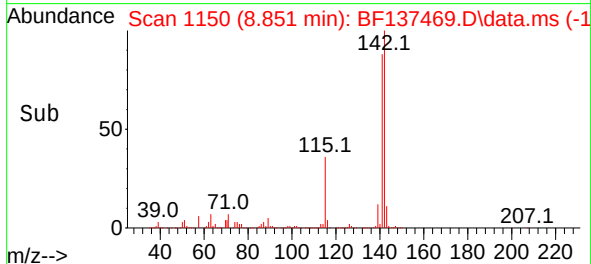
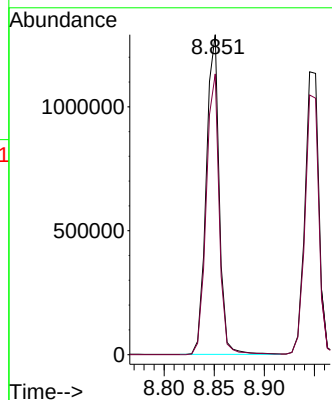
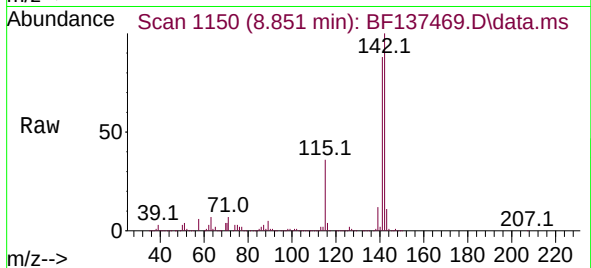
SSTDCCC040

Tgt Ion:142 Resp: 1169663

Ion Ratio Lower Upper

142 100

141 87.7 70.4 105.6



#38

1-Methylnaphthalene

Concen: 39.487 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137469.D

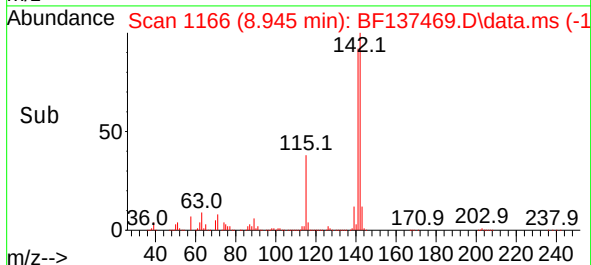
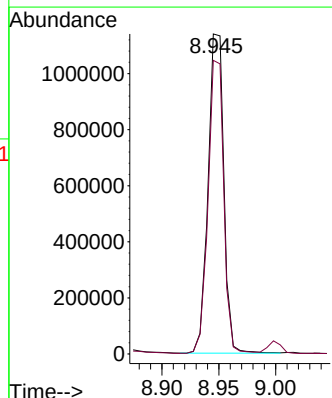
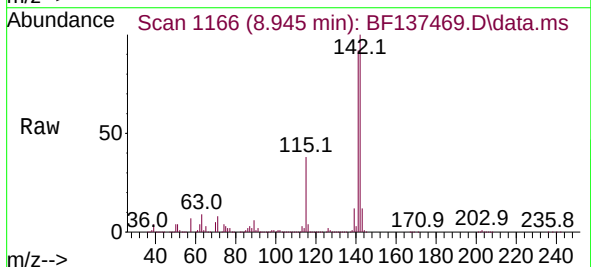
Acq: 02 Mar 2024 12:54

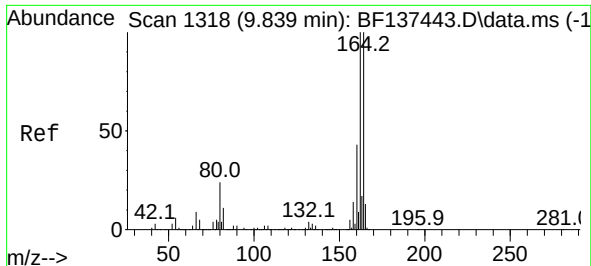
Tgt Ion:142 Resp: 1098931

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

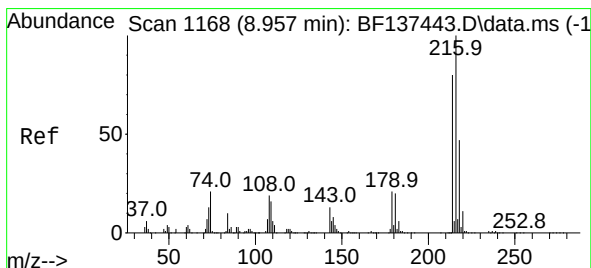
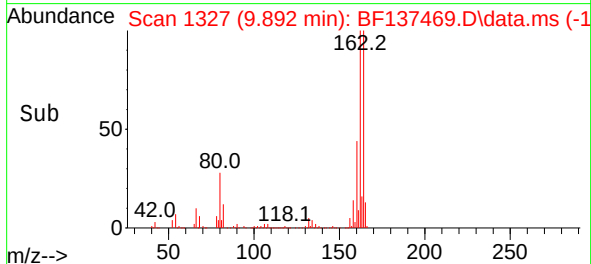
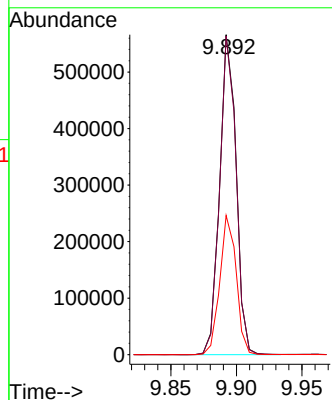
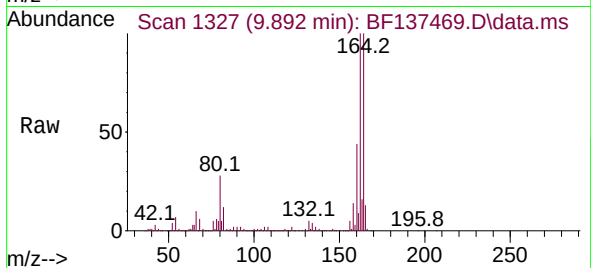
Tgt Ion:164 Resp: 493077

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.757 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Tgt Ion:216 Resp: 533508

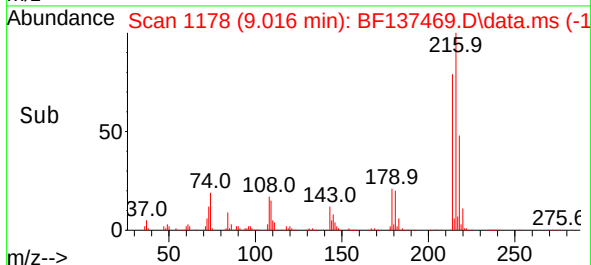
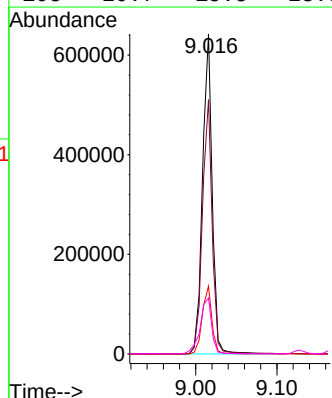
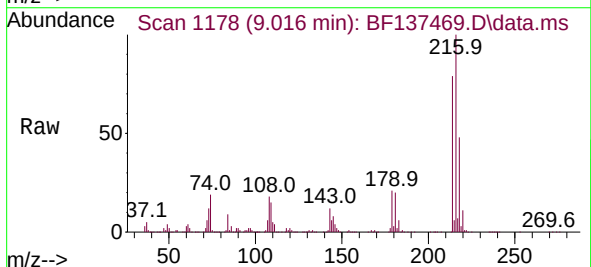
Ion Ratio Lower Upper

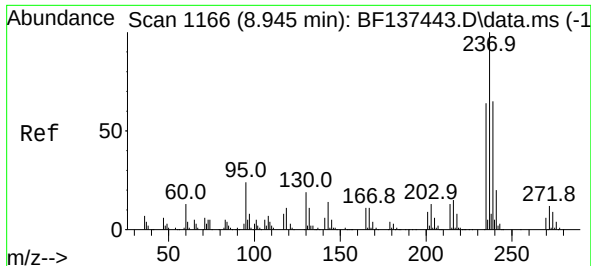
216 100

214 80.1 63.5 95.3

179 21.2 16.6 25.0

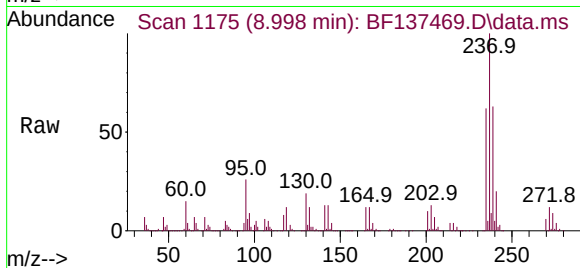
108 20.7 15.5 23.3



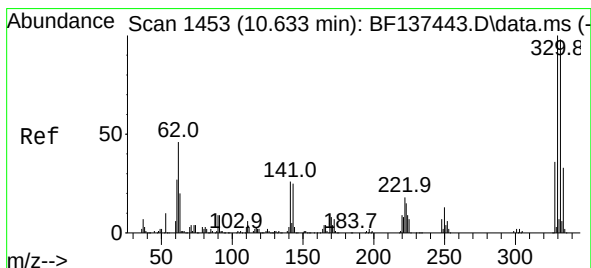
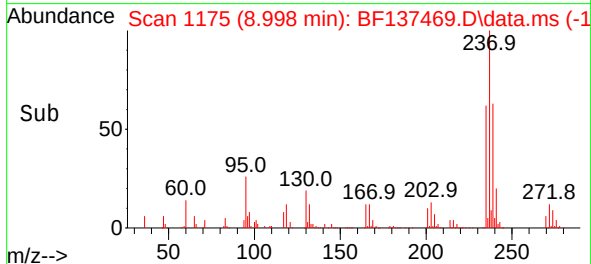
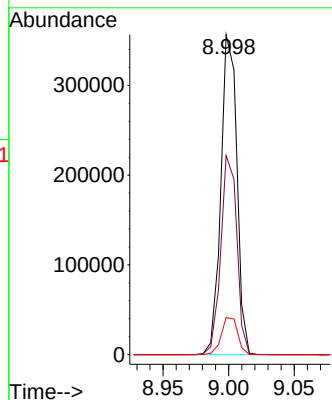


#41  
Hexachlorocyclopentadiene  
Concen: 56.466 ng  
RT: 8.998 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

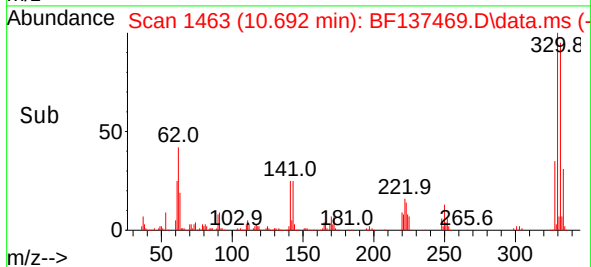
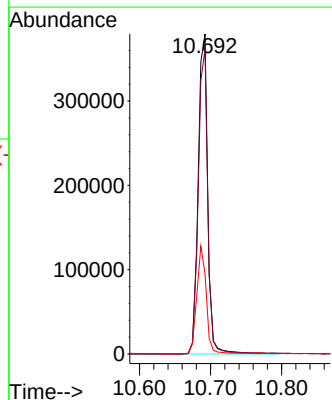
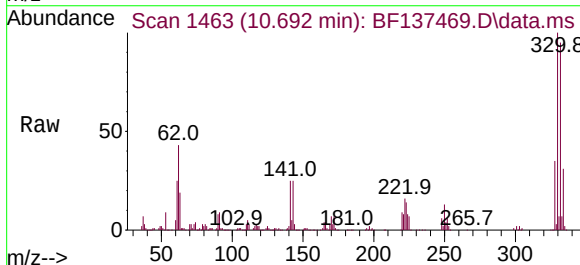


Tgt Ion:237 Resp: 302020  
Ion Ratio Lower Upper  
237 100  
235 62.2 43.6 83.6  
272 11.6 0.0 31.9

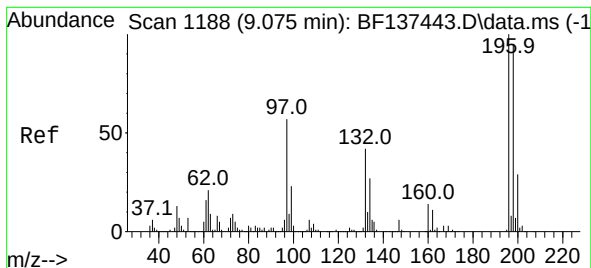


#42  
2,4,6-Tribromophenol  
Concen: 82.374 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:330 Resp: 356684  
Ion Ratio Lower Upper  
330 100  
332 94.4 78.0 117.0  
141 33.4 27.3 40.9







#43

2,4,6-Trichlorophenol

Concen: 40.685 ng

RT: 9.127 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

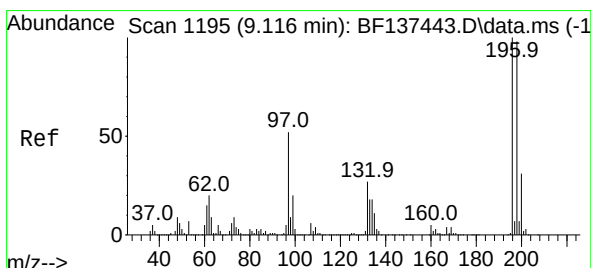
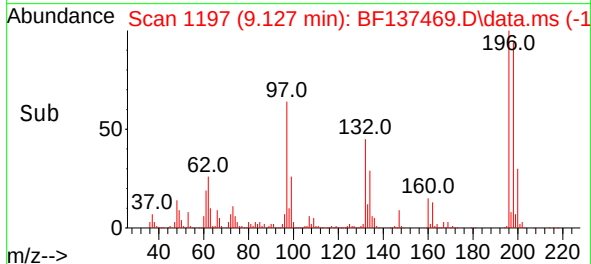
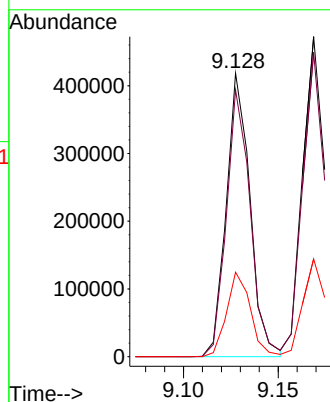
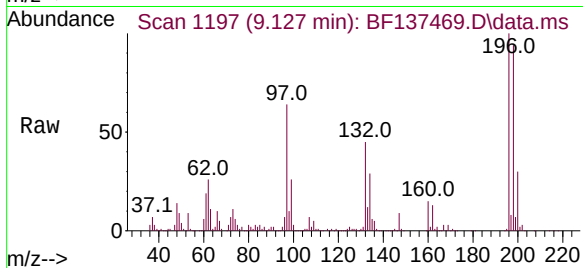
Tgt Ion:196 Resp: 364711

Ion Ratio Lower Upper

196 100

198 94.1 75.8 113.8

200 29.8 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 40.559 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Tgt Ion:196 Resp: 418818

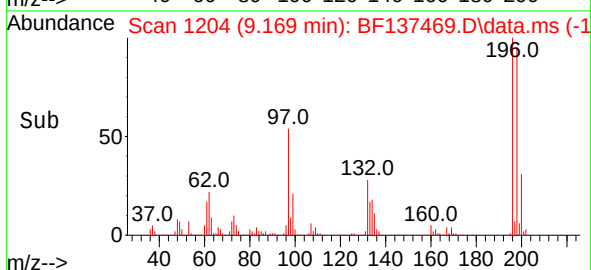
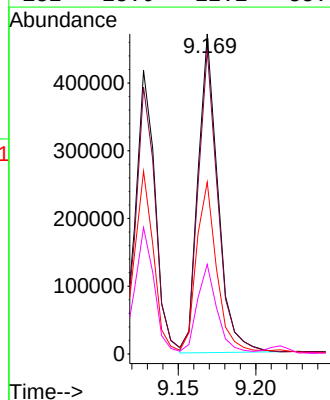
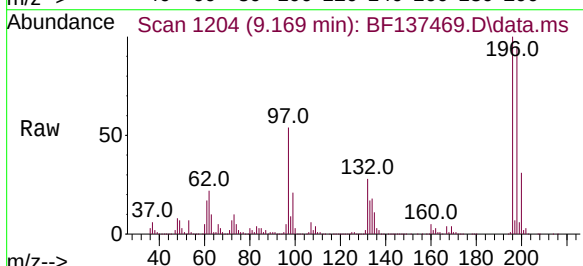
Ion Ratio Lower Upper

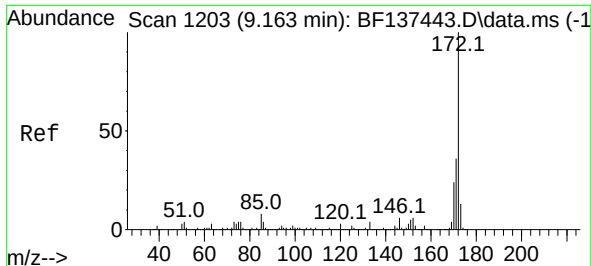
196 100

198 95.0 78.6 117.8

97 53.7 41.8 62.8

132 28.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 73.852 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

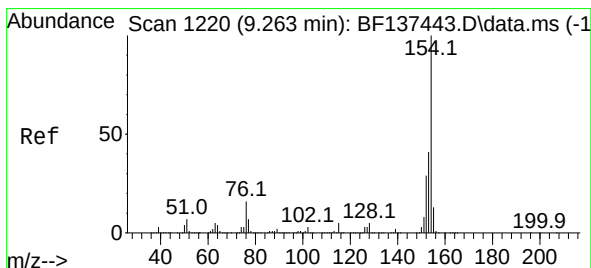
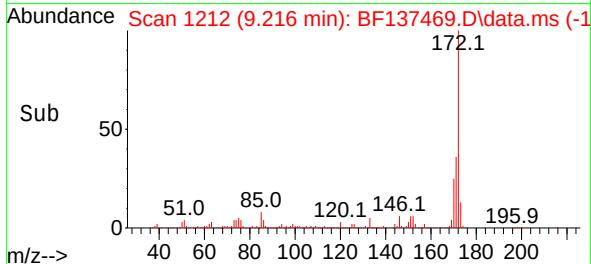
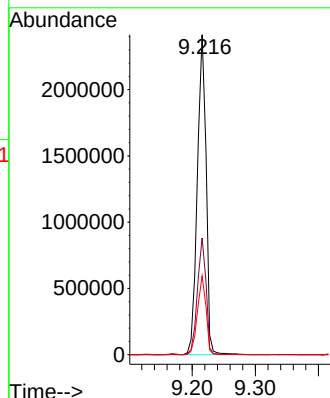
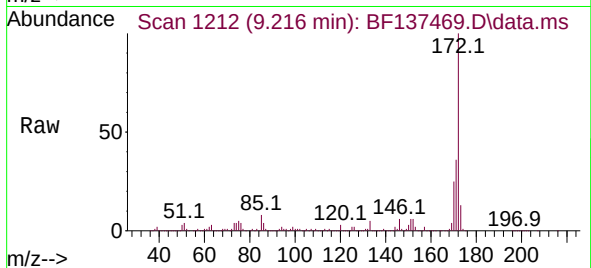
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 2326276

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.5  | 28.5  | 42.7  |
| 170 | 24.6  | 19.0  | 28.6  |



#46

1,1'-Biphenyl

Concen: 38.637 ng

RT: 9.316 min Scan# 1229

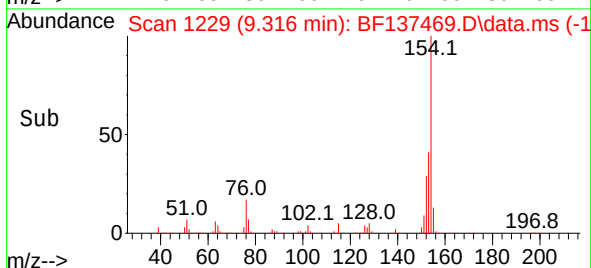
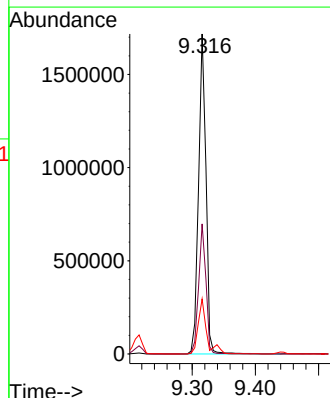
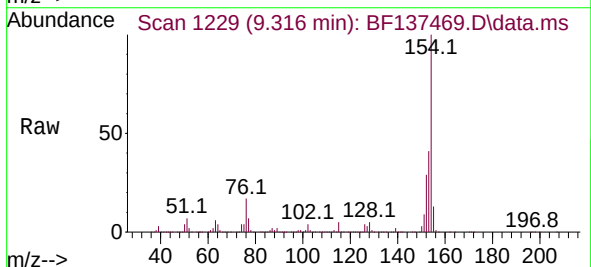
Delta R.T. 0.000 min

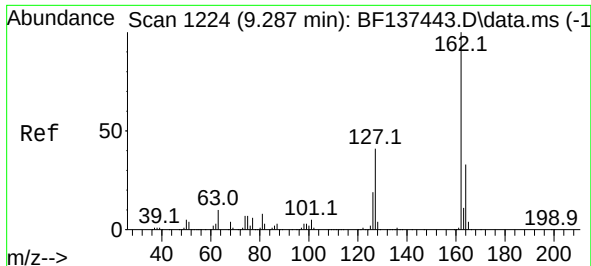
Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Tgt Ion:154 Resp: 1394376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.7  | 21.0  | 61.0  |
| 76  | 17.2  | 0.0   | 35.8  |





#47

2-Chloronaphthalene

Concen: 38.961 ng

RT: 9.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

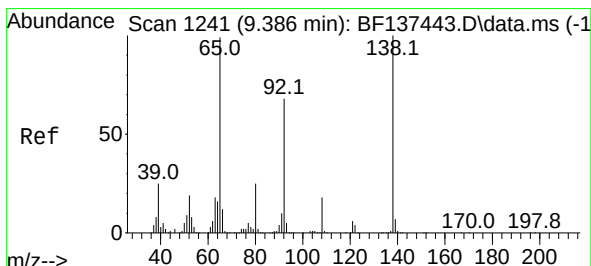
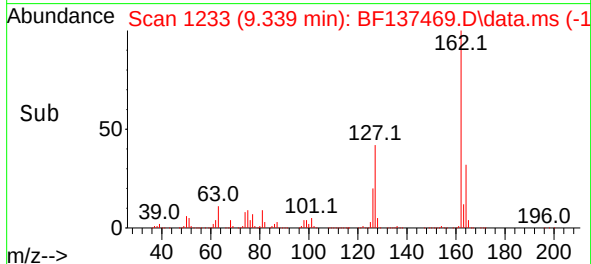
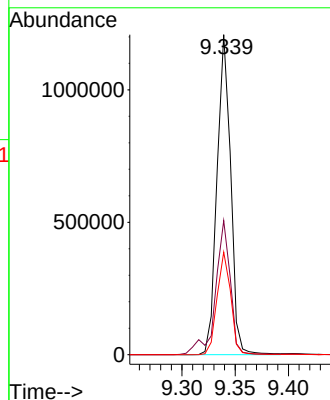
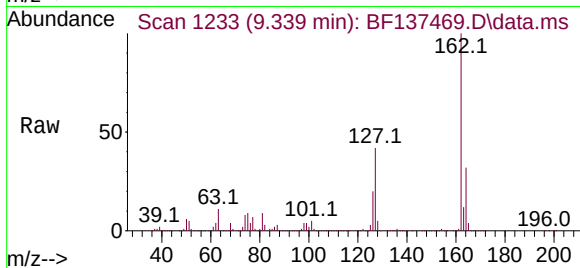
Tgt Ion:162 Resp: 1072018

Ion Ratio Lower Upper

162 100

127 41.9 32.6 49.0

164 32.0 26.5 39.7



#48

2-Nitroaniline

Concen: 43.484 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

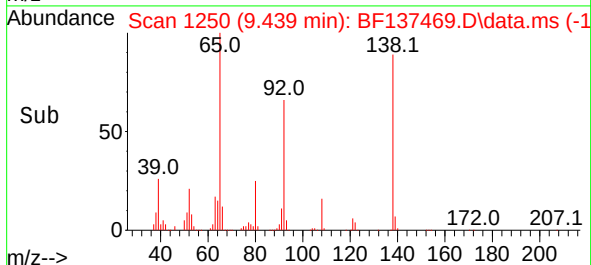
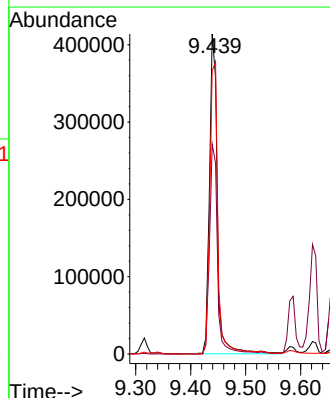
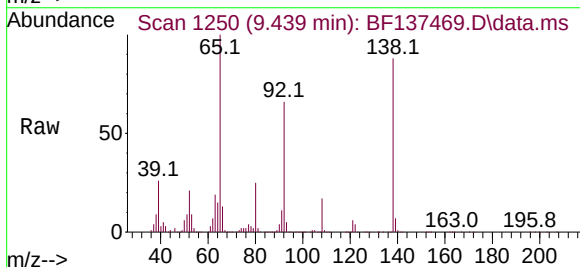
Tgt Ion: 65 Resp: 406665

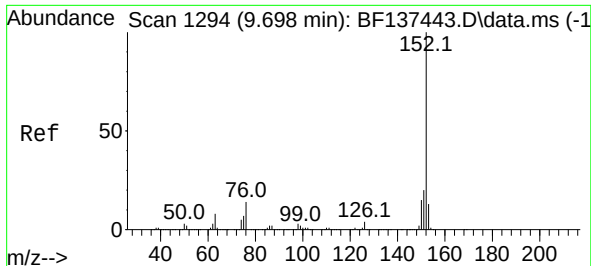
Ion Ratio Lower Upper

65 100

92 65.5 55.4 83.2

138 88.5 81.0 121.6





#49

Acenaphthylene

Concen: 39.163 ng

RT: 9.757 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

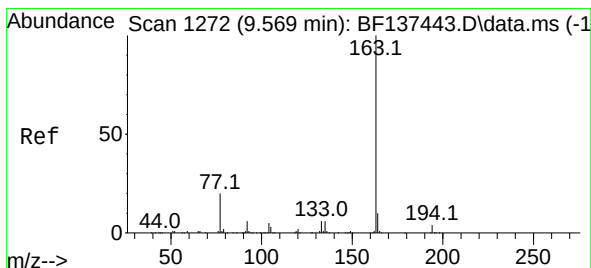
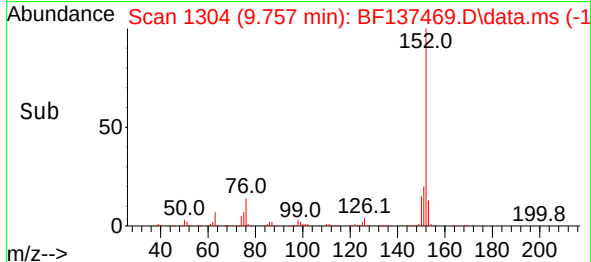
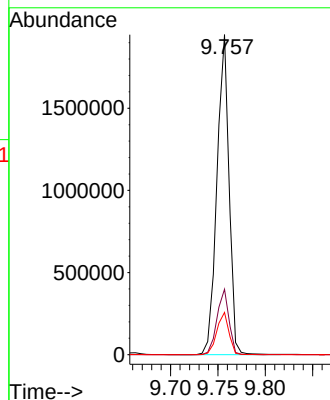
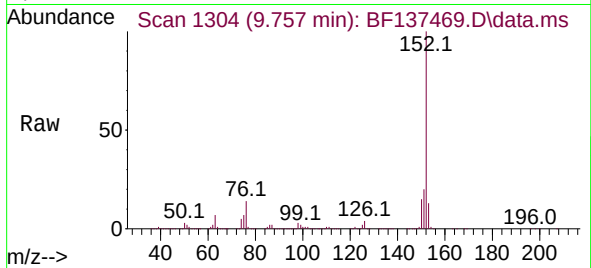
Tgt Ion:152 Resp: 1724476

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 39.238 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

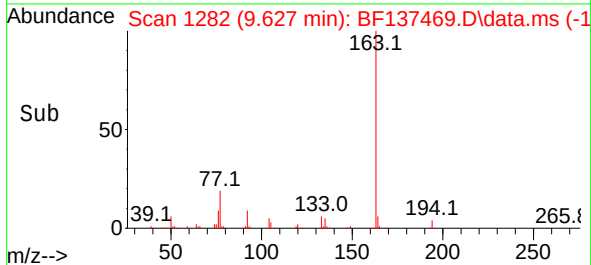
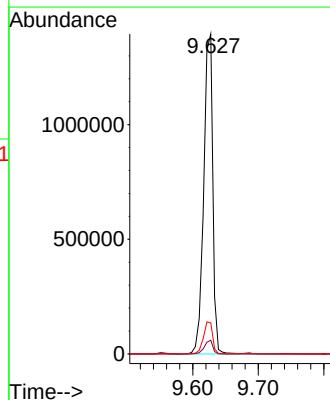
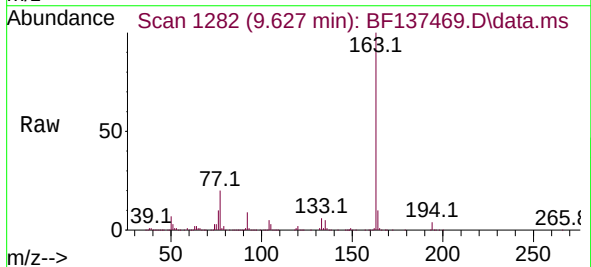
Tgt Ion:163 Resp: 1346787

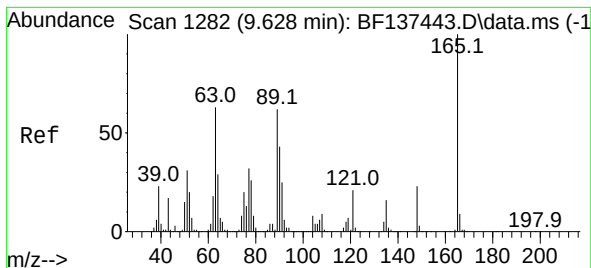
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.453 ng

RT: 9.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

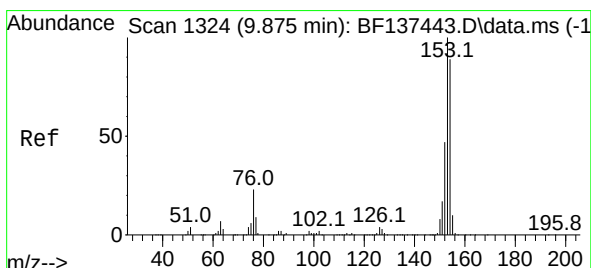
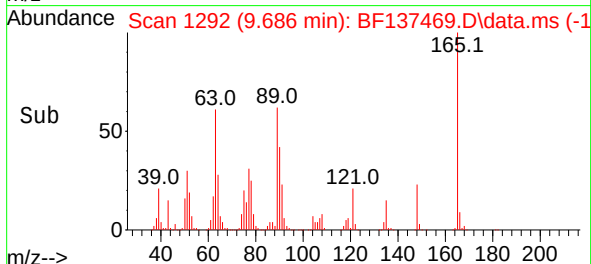
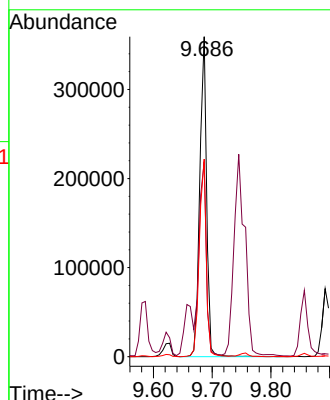
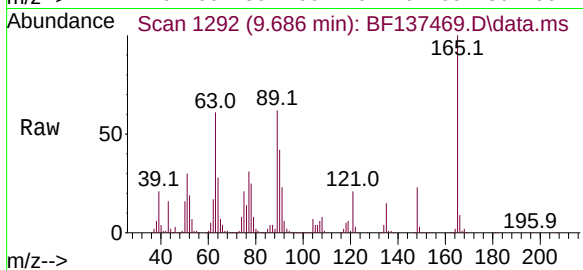
Tgt Ion:165 Resp: 290421

Ion Ratio Lower Upper

165 100

63 60.9 50.7 76.1

89 61.7 50.0 75.0



#52

Acenaphthene

Concen: 38.575 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

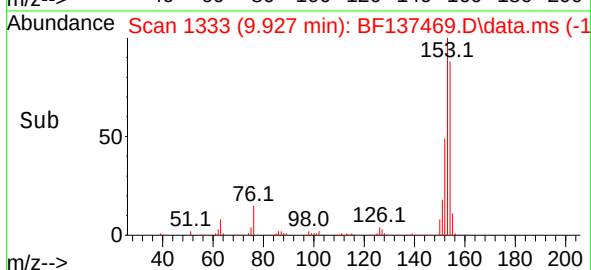
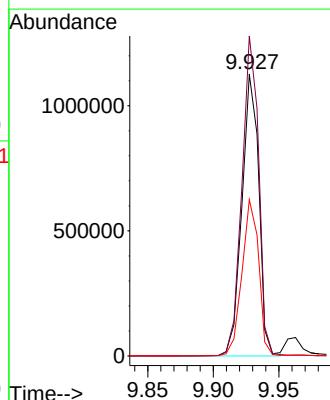
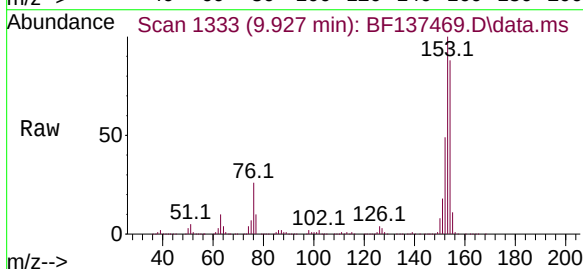
Tgt Ion:154 Resp: 1014074

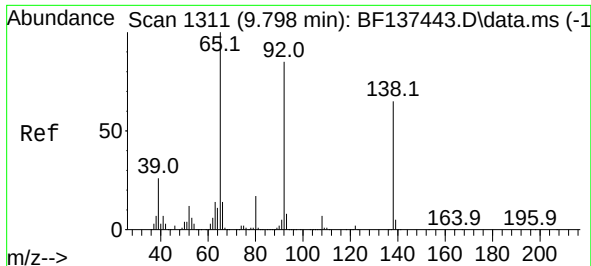
Ion Ratio Lower Upper

154 100

153 113.5 90.3 135.5

152 55.5 42.7 64.1

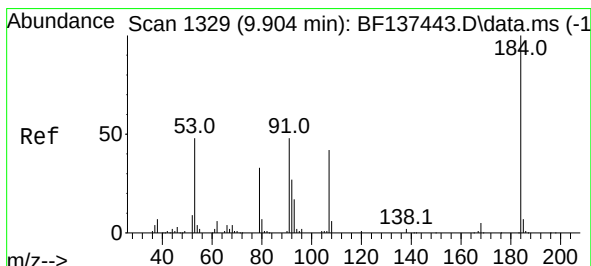
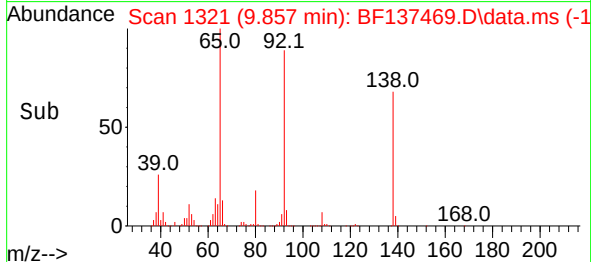
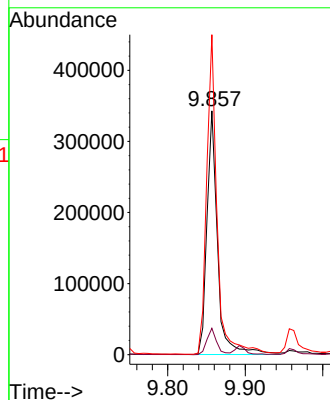
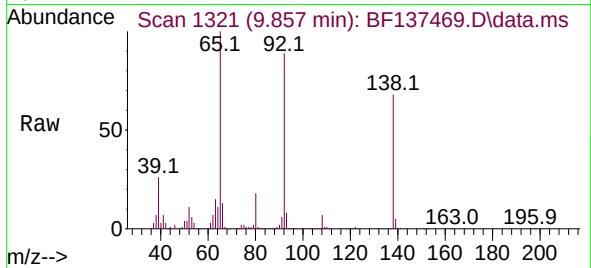




#53  
3-Nitroaniline  
Concen: 42.825 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

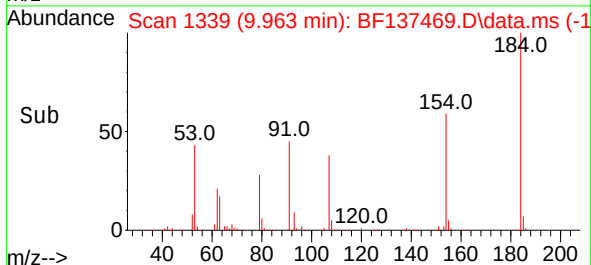
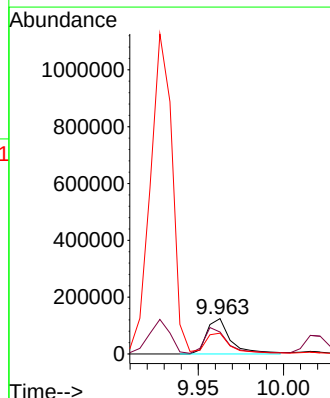
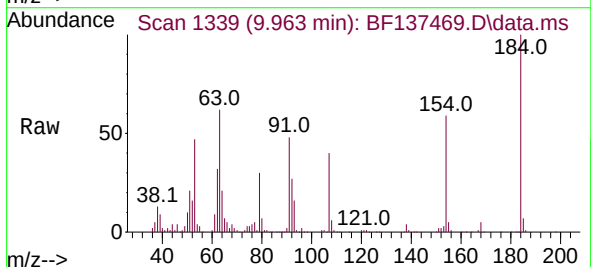
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

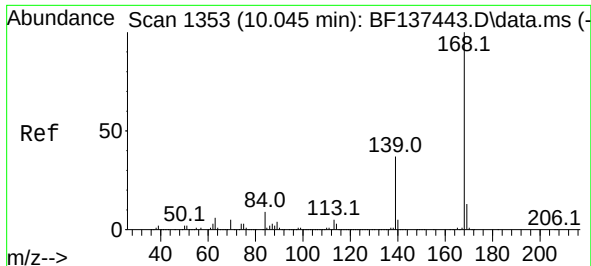
Tgt Ion:138 Resp: 325201  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.1 13.7  
92 131.2 104.6 157.0



#54  
2,4-Dinitrophenol  
Concen: 39.256 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:184 Resp: 121112  
Ion Ratio Lower Upper  
184 100  
63 62.2 53.3 79.9  
154 58.9 47.4 71.0





#55

Dibenzofuran

Concen: 38.542 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

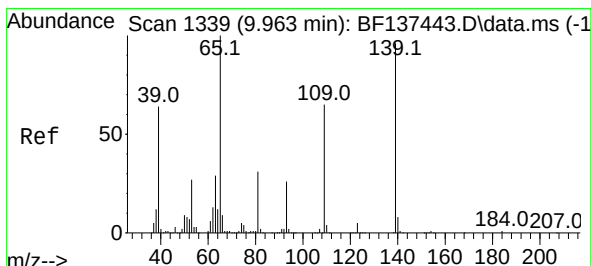
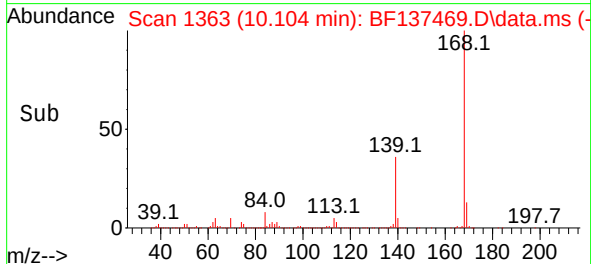
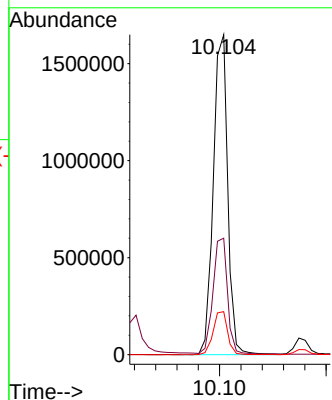
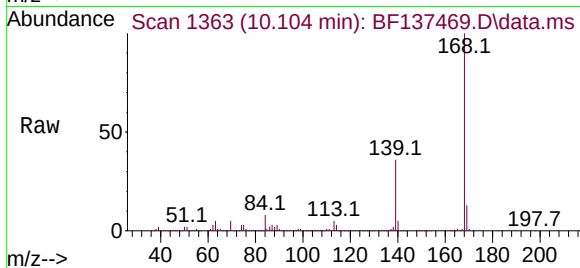
Tgt Ion:168 Resp: 1543169

Ion Ratio Lower Upper

168 100

139 36.4 29.8 44.6

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 41.379 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

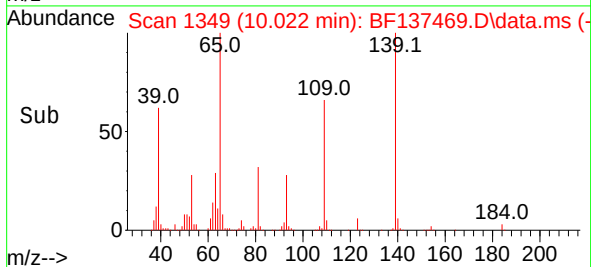
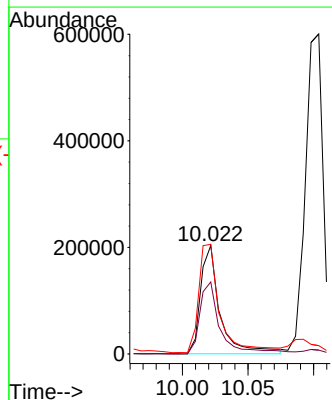
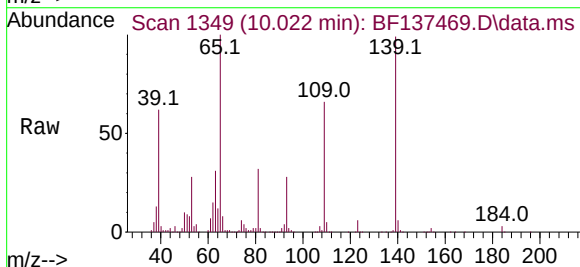
Tgt Ion:139 Resp: 211038

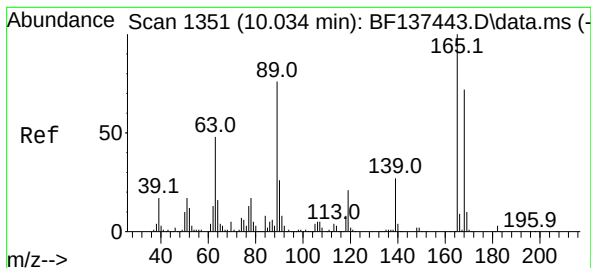
Ion Ratio Lower Upper

139 100

109 66.3 47.1 87.1

65 101.0 85.1 125.1

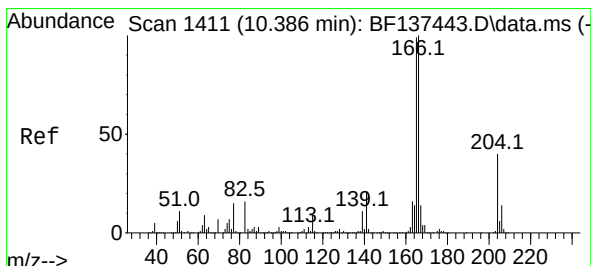
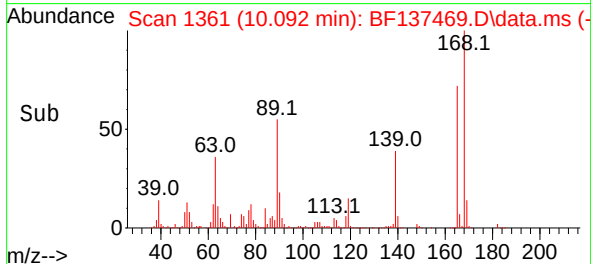
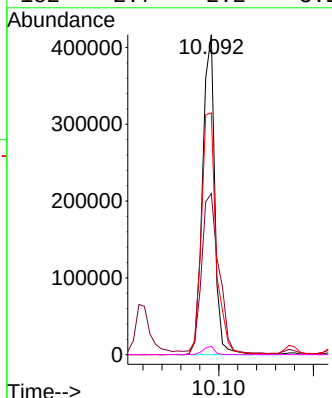
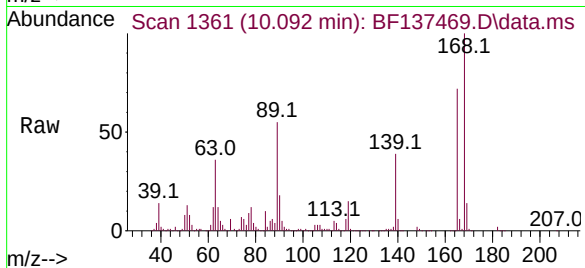




#57  
2,4-Dinitrotoluene  
Concen: 42.184 ng  
RT: 10.092 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

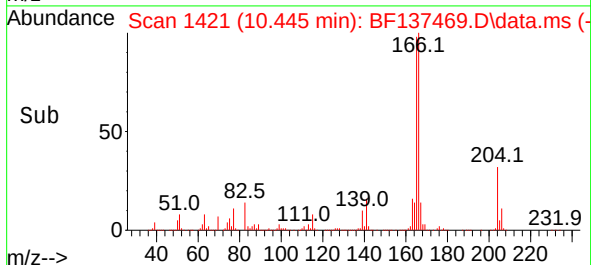
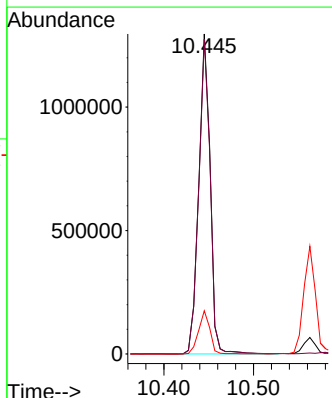
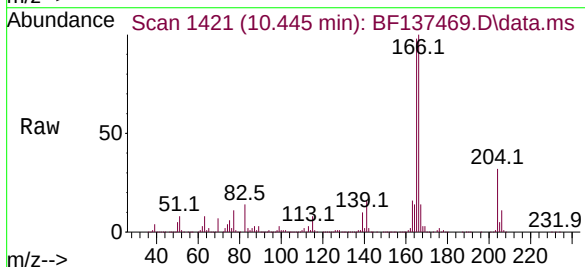
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 372071  
Ion Ratio Lower Upper  
165 100  
63 50.3 39.0 58.6  
89 75.6 60.9 91.3  
182 2.7 2.2 3.2

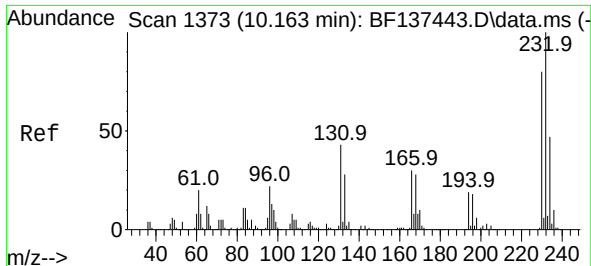


#58  
Fluorene  
Concen: 37.115 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:166 Resp: 1141255  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.2 118.8  
167 13.5 11.0 16.6







#59

2,3,4,6-Tetrachlorophenol

Concen: 41.339 ng

RT: 10.180 min Scan# 1401

Delta R.T. -0.041 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 342316

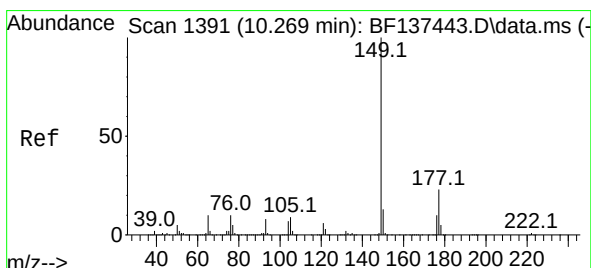
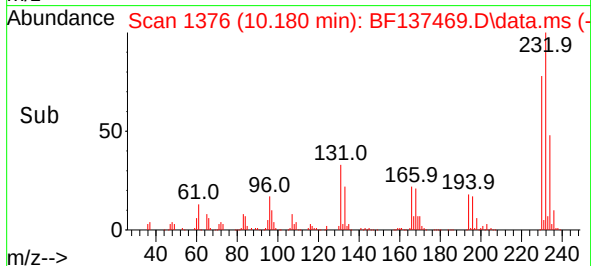
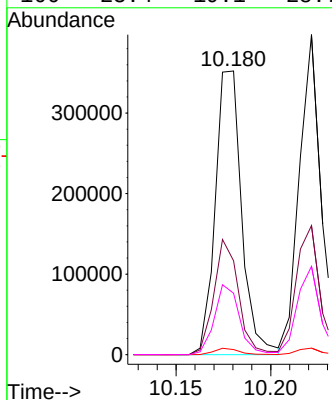
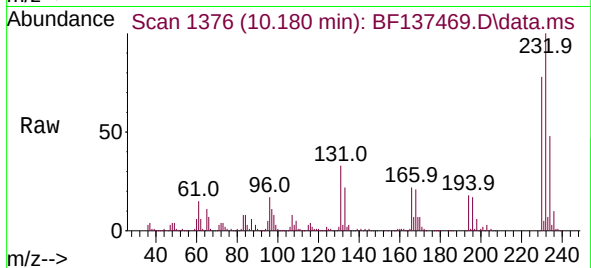
Ion Ratio Lower Upper

232 100

131 38.0 31.2 46.8

130 2.1 1.8 2.6

166 23.4 19.1 28.7



#60

Diethylphthalate

Concen: 39.271 ng

RT: 10.327 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

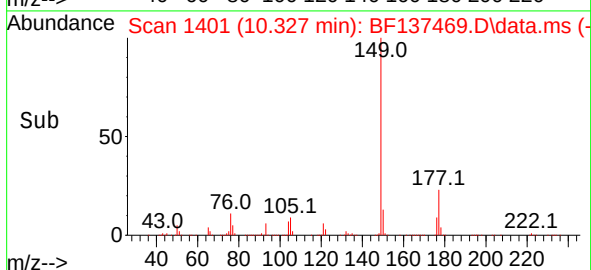
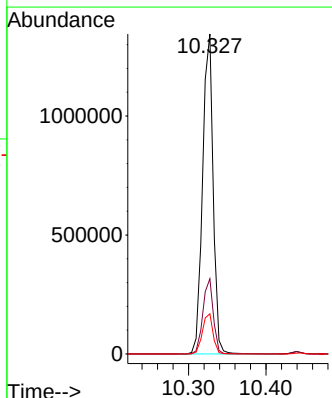
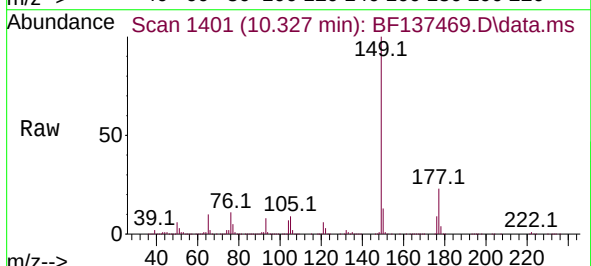
Tgt Ion:149 Resp: 1272894

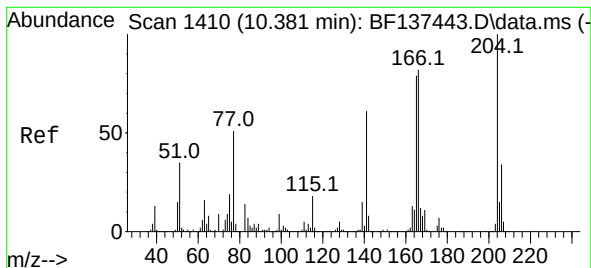
Ion Ratio Lower Upper

149 100

177 23.5 18.7 28.1

150 12.6 10.2 15.4

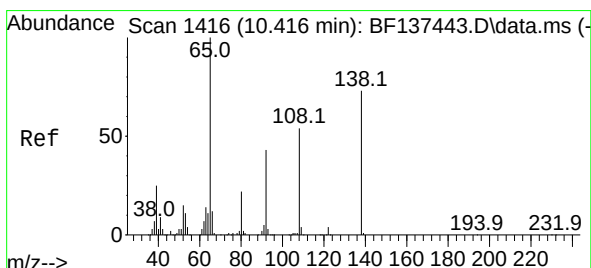
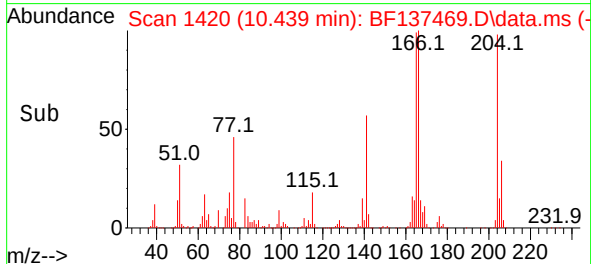
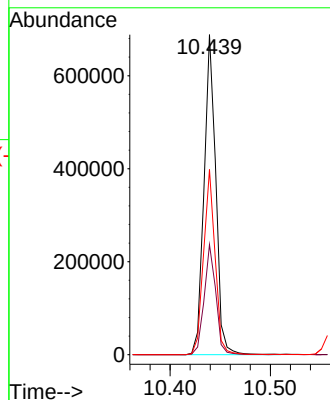
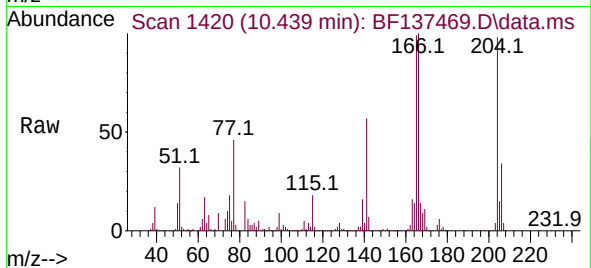




#61  
4-Chlorophenyl-phenylether  
Concen: 37.326 ng  
RT: 10.439 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

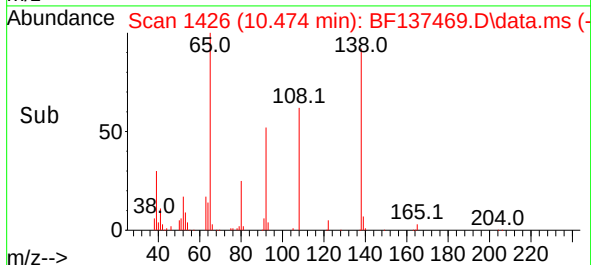
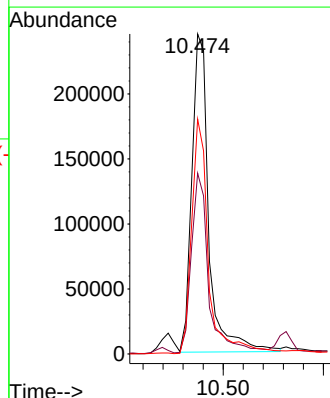
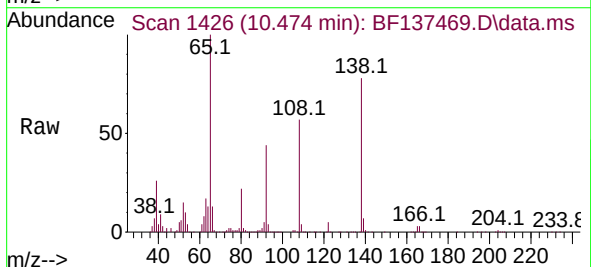
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

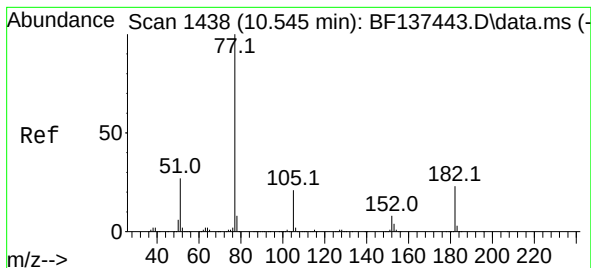
Tgt Ion:204 Resp: 562492  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.4 41.0  
141 57.9 48.4 72.6



#62  
4-Nitroaniline  
Concen: 44.043 ng  
RT: 10.474 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:138 Resp: 287454  
Ion Ratio Lower Upper  
138 100  
92 56.5 37.9 77.9  
108 73.4 53.2 93.2





#63

Azobenzene

Concen: 39.265 ng

RT: 10.604 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1465490

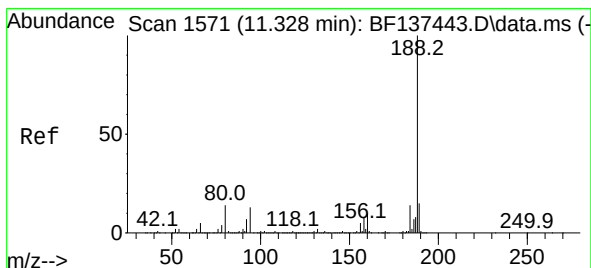
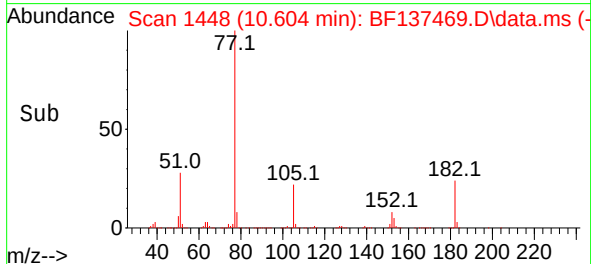
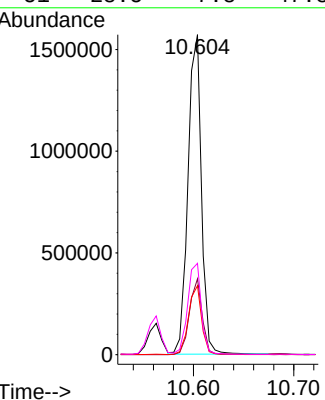
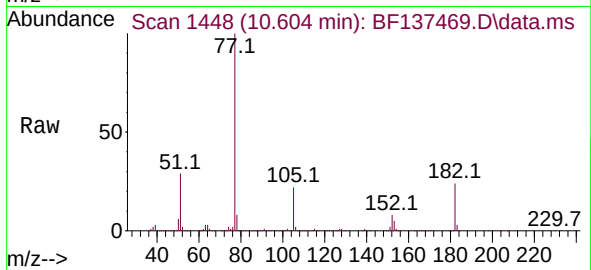
Ion Ratio Lower Upper

77 100

182 23.7 3.2 43.2

105 21.6 1.2 41.2

51 28.5 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

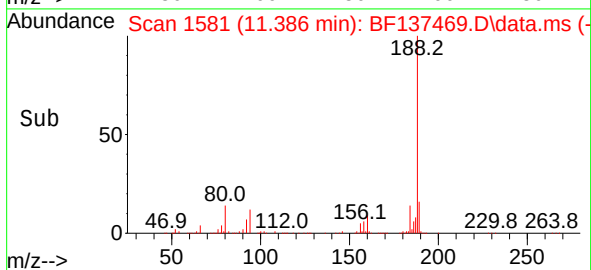
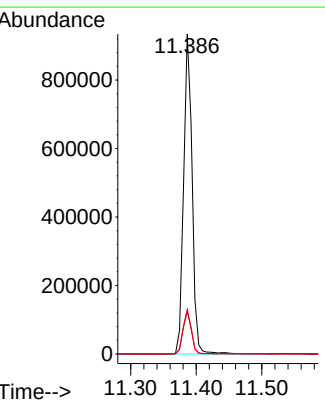
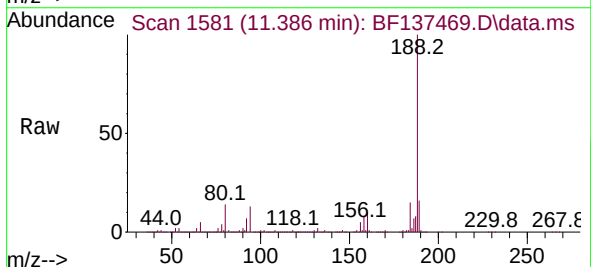
Tgt Ion: 188 Resp: 842009

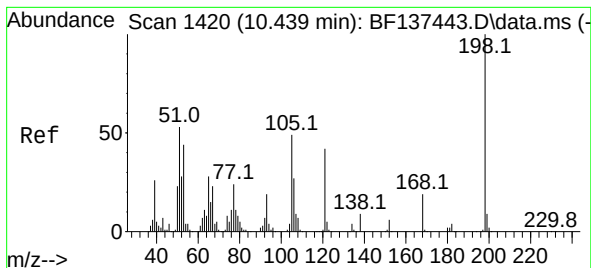
Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 13.9 11.5 17.3

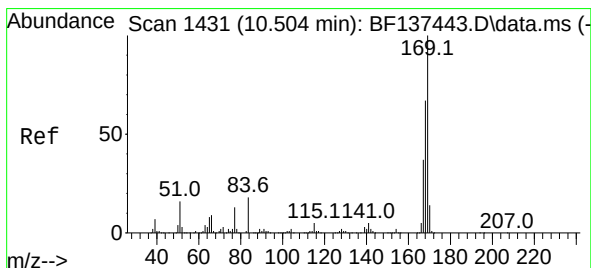
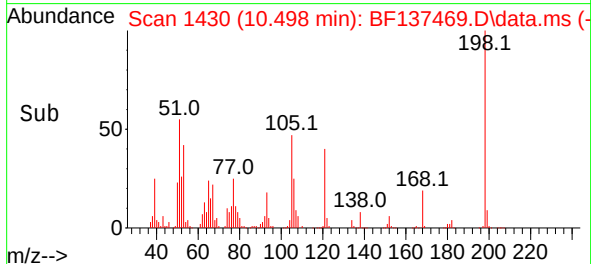
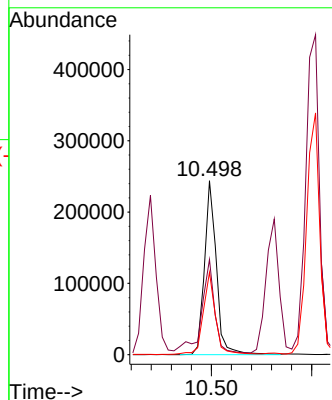
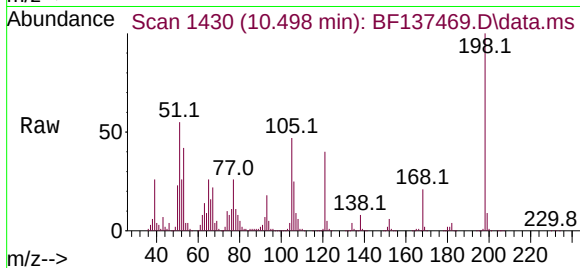




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.239 ng  
RT: 10.498 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

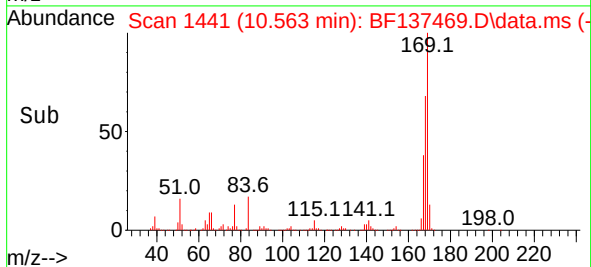
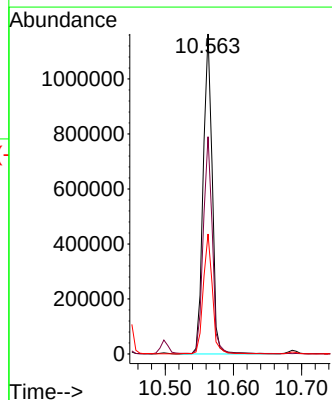
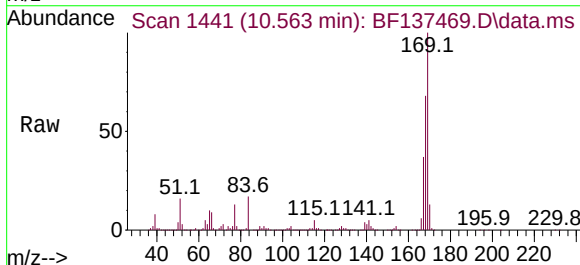
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

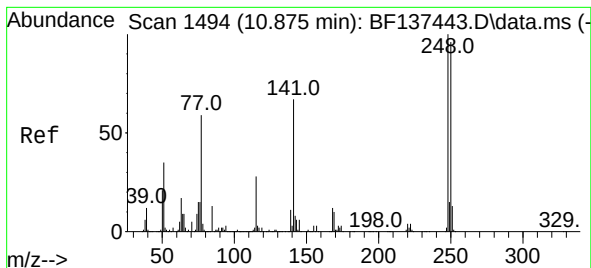
Tgt Ion:198 Resp: 202915  
Ion Ratio Lower Upper  
198 100  
51 54.7 37.2 77.2  
105 47.4 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 39.407 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:169 Resp: 1068462  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.8 80.6  
167 37.5 29.6 44.4

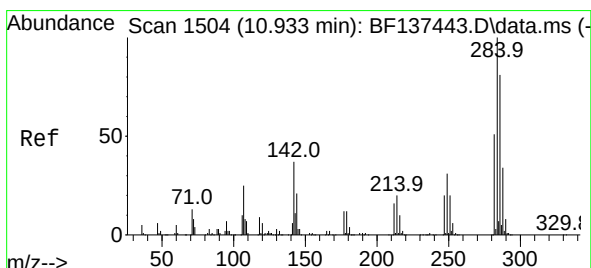
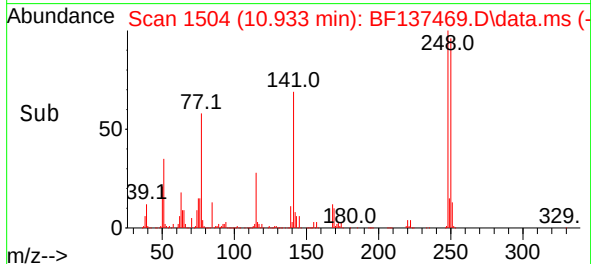
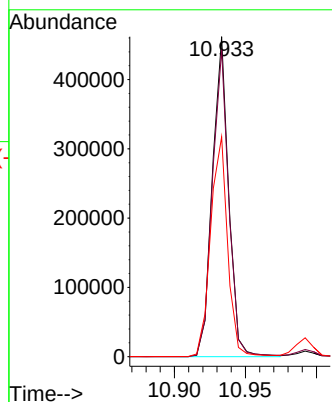
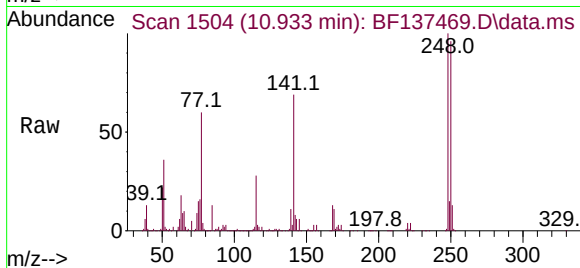




#67  
4-Bromophenyl-phenylether  
Concen: 40.190 ng  
RT: 10.933 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

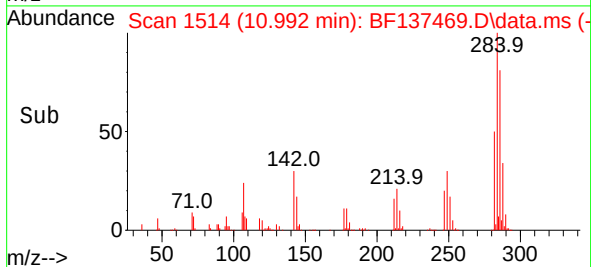
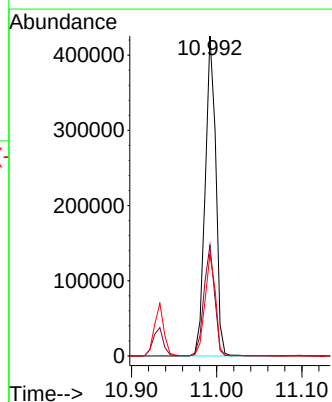
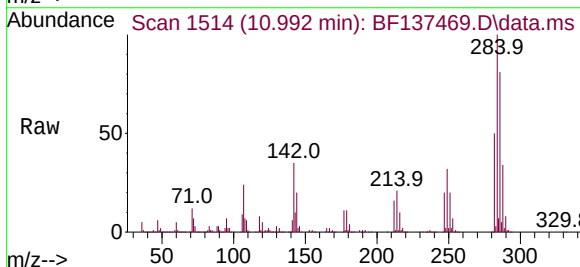
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

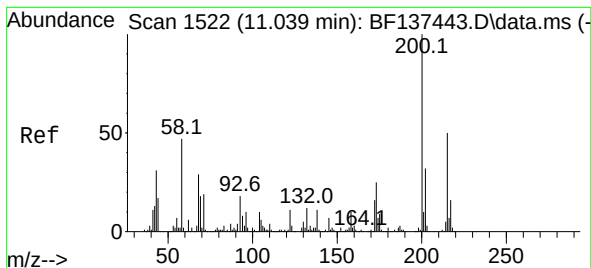
Tgt Ion:248 Resp: 368583  
Ion Ratio Lower Upper  
248 100  
250 95.9 76.8 115.2  
141 68.7 53.4 80.0



#68  
Hexachlorobenzene  
Concen: 39.751 ng  
RT: 10.992 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:284 Resp: 368205  
Ion Ratio Lower Upper  
284 100  
142 34.6 29.4 44.0  
249 31.8 25.0 37.4





#69

Atrazine

Concen: 40.979 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

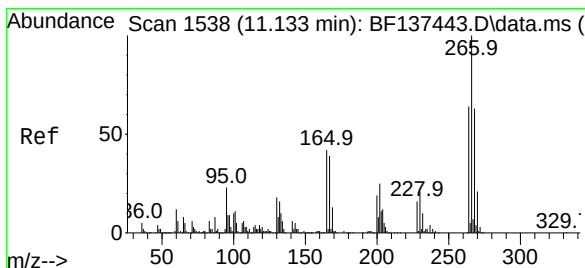
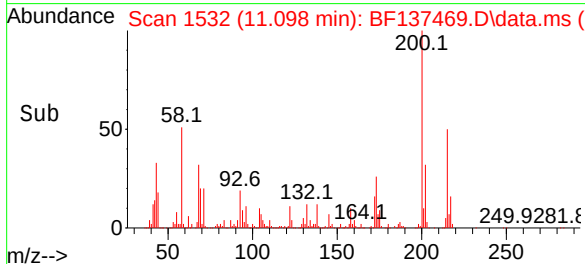
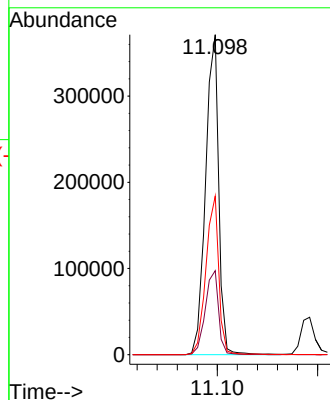
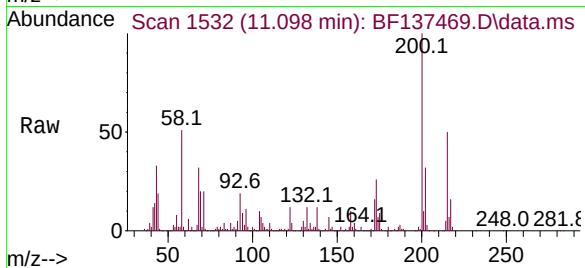
Tgt Ion:200 Resp: 337771

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

215 49.6 30.4 70.4



#70

Pentachlorophenol

Concen: 42.004 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

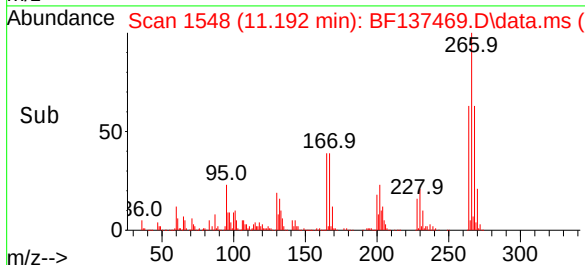
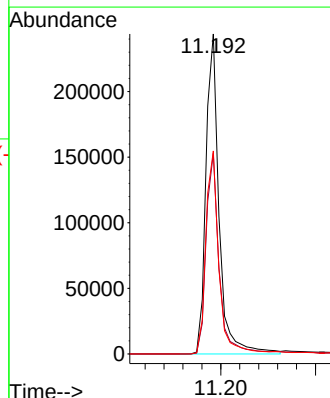
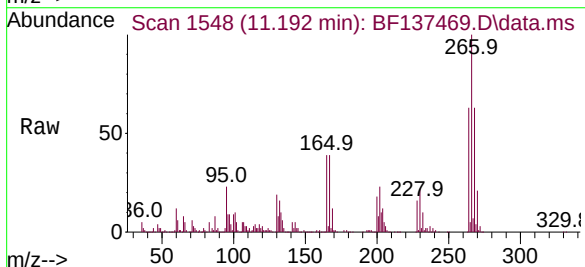
Tgt Ion:266 Resp: 235206

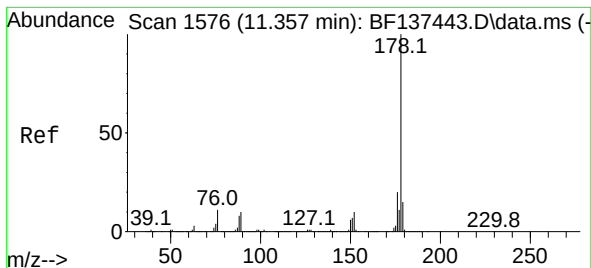
Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.2

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 38.616 ng

RT: 11.416 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

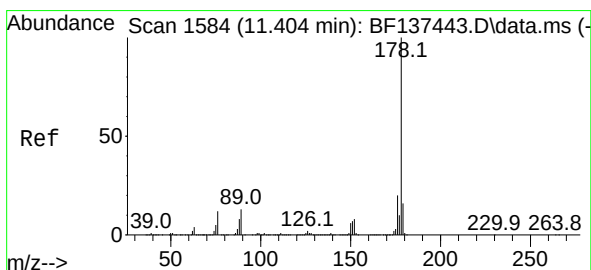
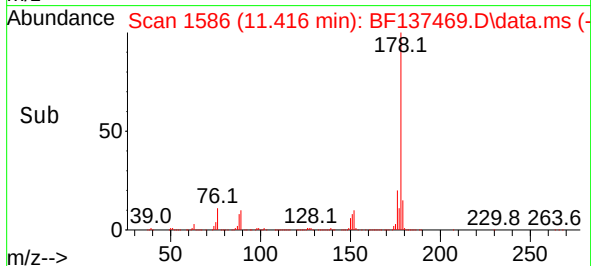
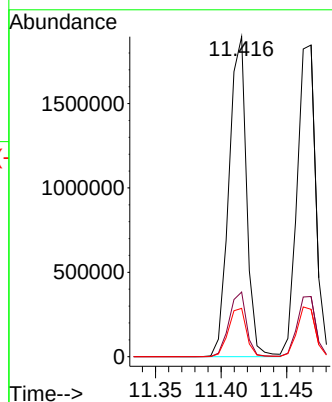
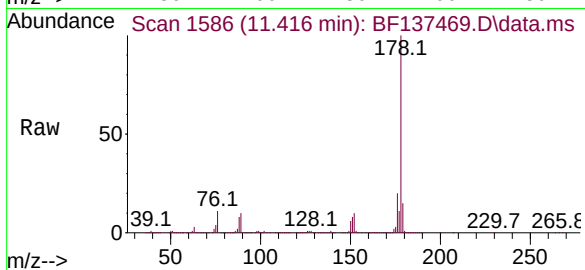
Tgt Ion:178 Resp: 1769549

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.1 12.2 18.2



#72

Anthracene

Concen: 39.521 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

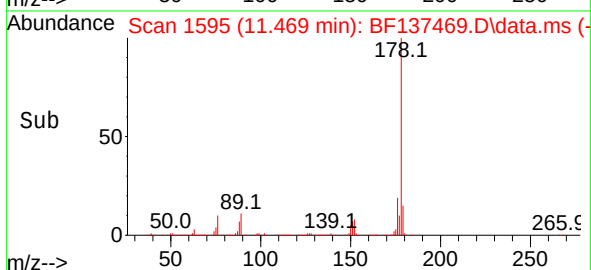
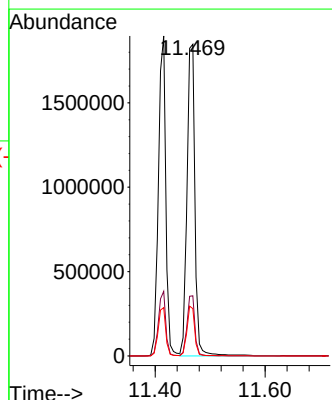
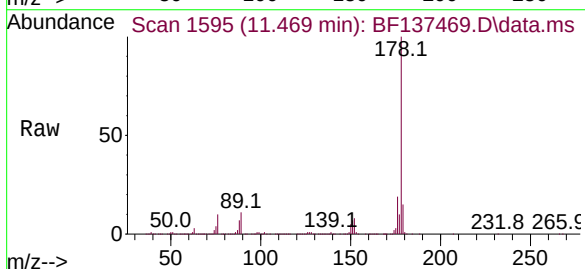
Tgt Ion:178 Resp: 1860026

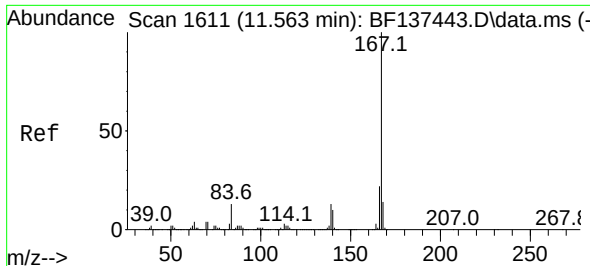
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

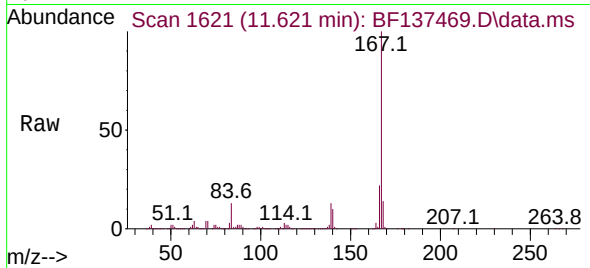
179 15.2 12.7 19.1



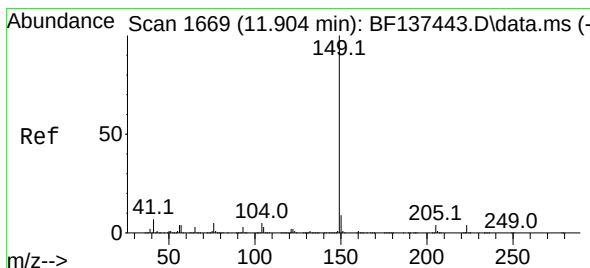
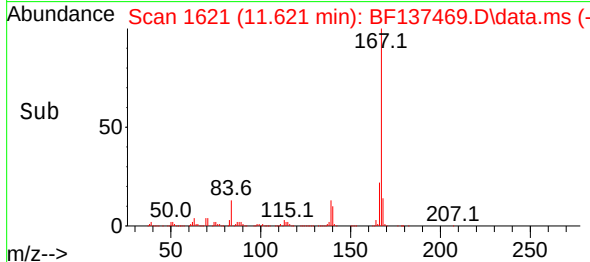
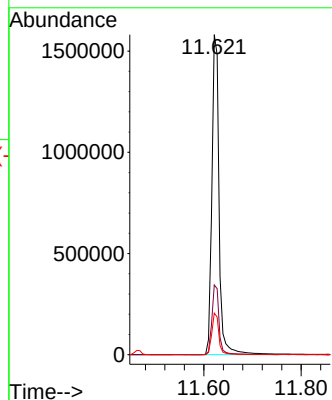


#73  
Carbazole  
Concen: 39.926 ng  
RT: 11.621 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

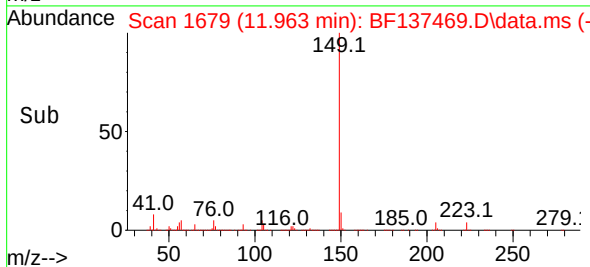
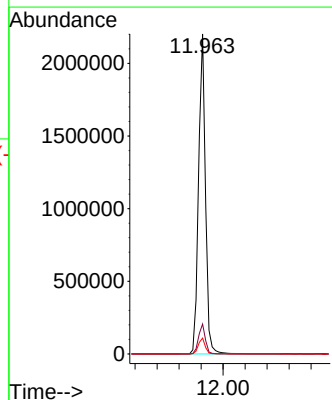
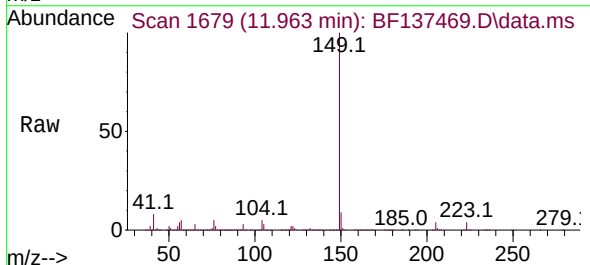


Tgt Ion:167 Resp: 1609530  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.8 26.8  
139 13.0 10.5 15.7

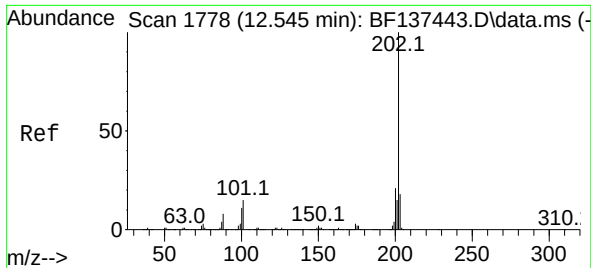


#74  
Di-n-butylphthalate  
Concen: 39.830 ng  
RT: 11.963 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:149 Resp: 1910409  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 5.0 3.8 5.6



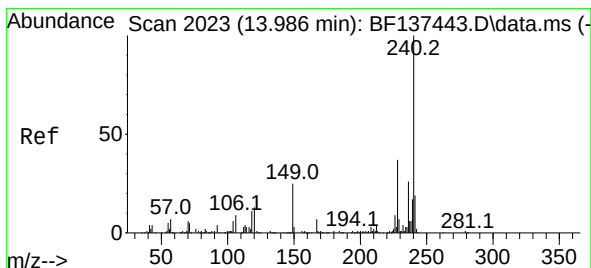
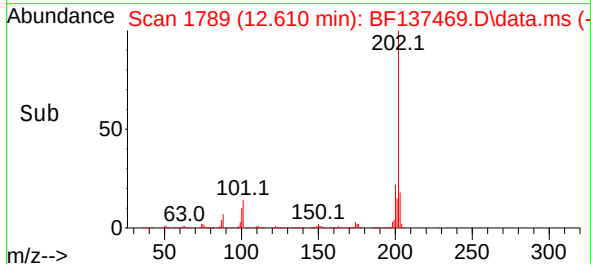
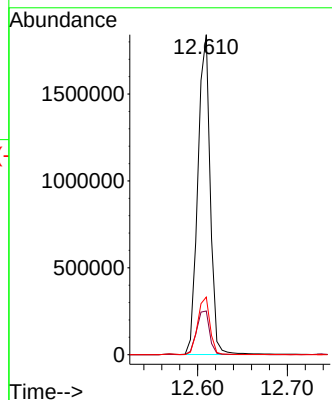
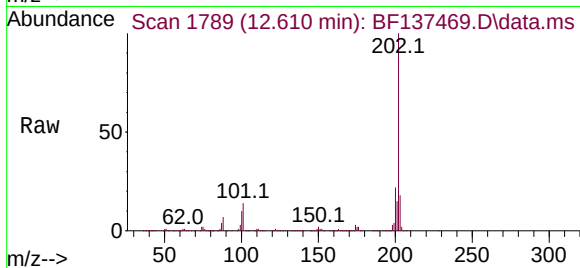




#75  
Fluoranthene  
Concen: 39.267 ng  
RT: 12.610 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

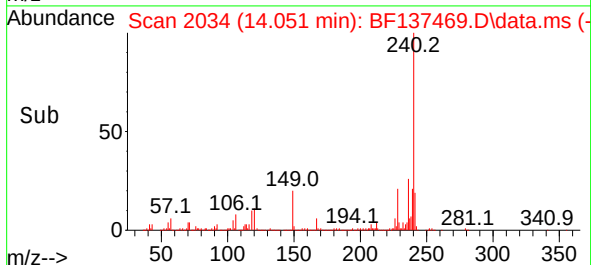
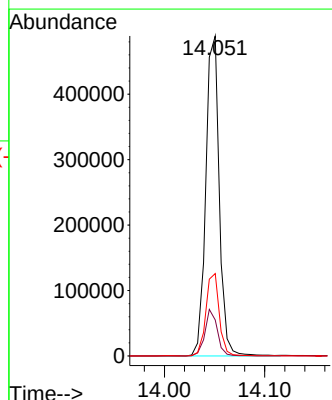
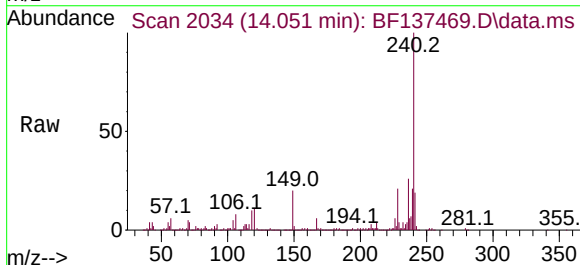
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

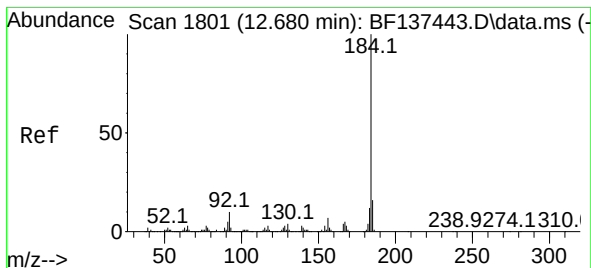
Tgt Ion:202 Resp: 1758853  
Ion Ratio Lower Upper  
202 100  
101 13.7 0.0 35.0  
203 18.0 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BF137469.D  
Acq: 02 Mar 2024 12:54

Tgt Ion:240 Resp: 458781  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.4 15.6  
236 25.7 20.9 31.3





#77

Benzidine

Concen: 43.087 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

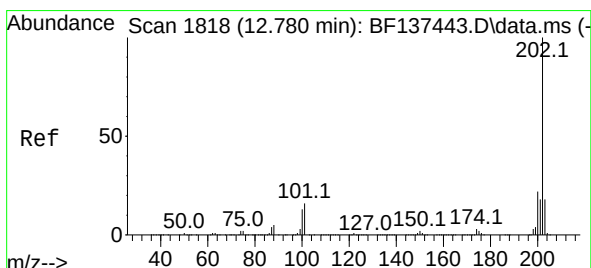
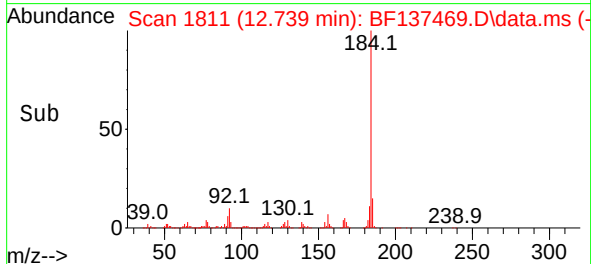
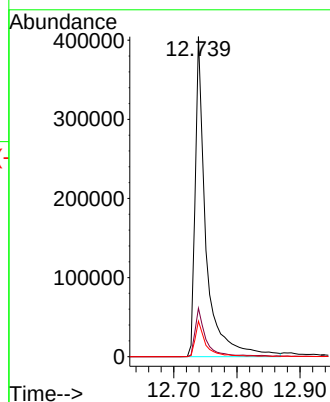
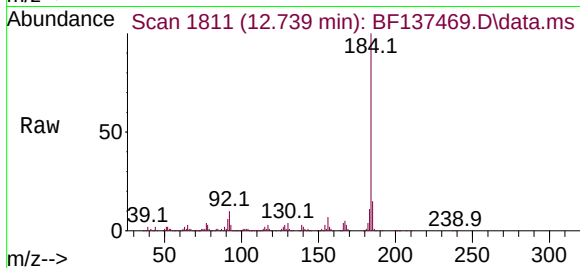
Tgt Ion:184 Resp: 483752

Ion Ratio Lower Upper

184 100

185 15.2 13.2 19.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 39.717 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

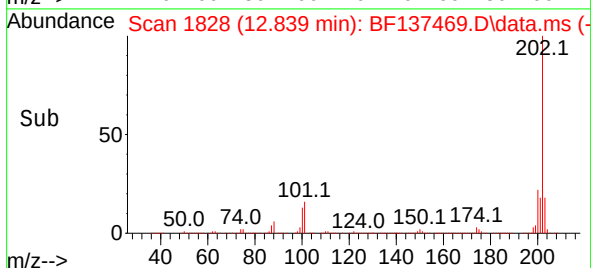
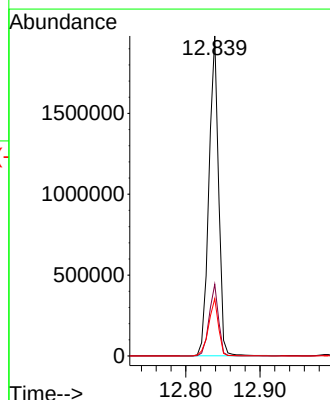
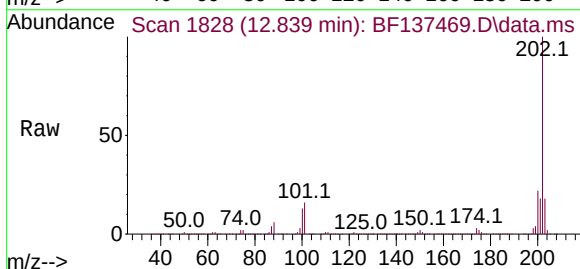
Tgt Ion:202 Resp: 1787945

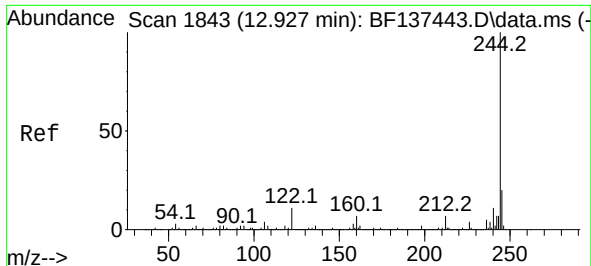
Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

203 17.9 14.1 21.1

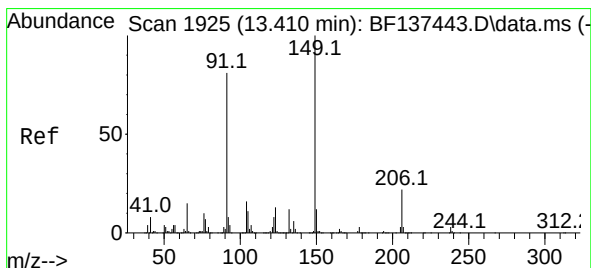
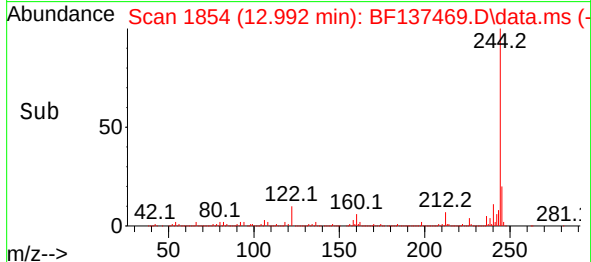
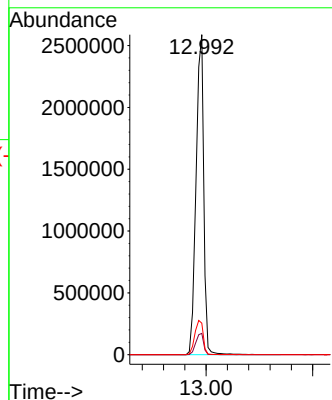
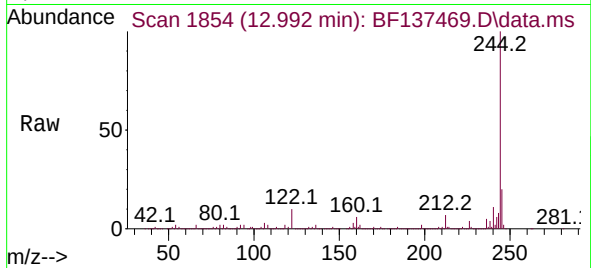




#79  
 Terphenyl-d14  
 Concen: 77.786 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: BF137469.D  
 Acq: 02 Mar 2024 12:54

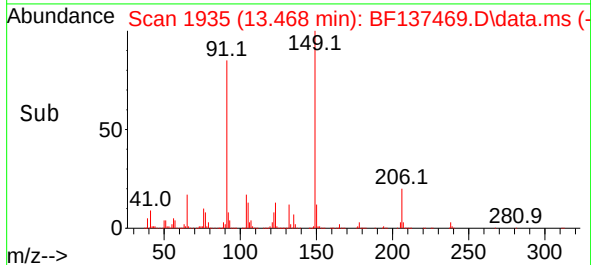
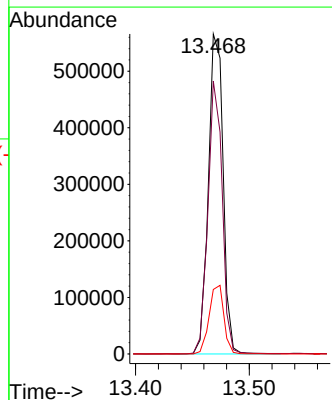
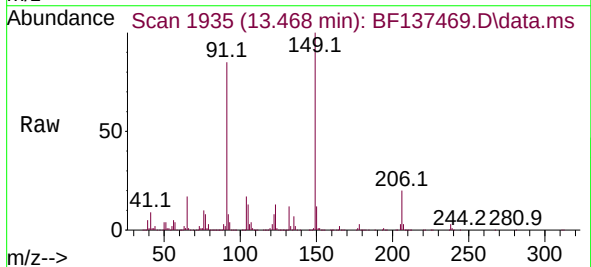
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

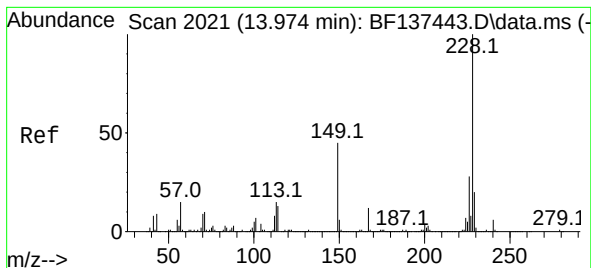
Tgt Ion:244 Resp: 2595186  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.2  
 122 9.8 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 44.405 ng  
 RT: 13.468 min Scan# 1935  
 Delta R.T. 0.000 min  
 Lab File: BF137469.D  
 Acq: 02 Mar 2024 12:54

Tgt Ion:149 Resp: 510504  
 Ion Ratio Lower Upper  
 149 100  
 91 85.3 64.7 97.1  
 206 20.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 39.617 ng

RT: 14.039 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

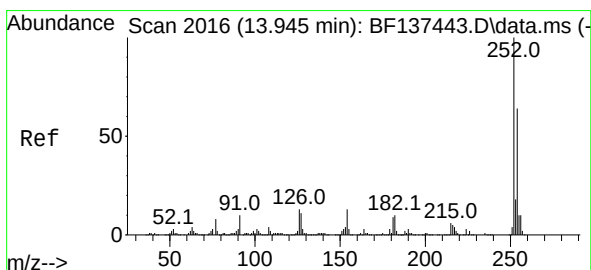
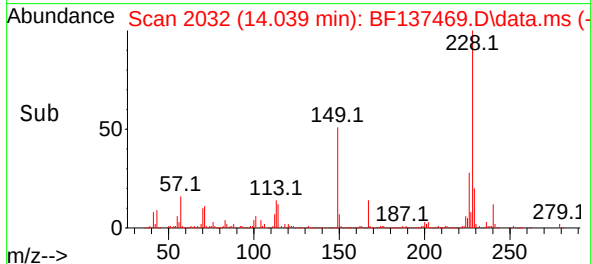
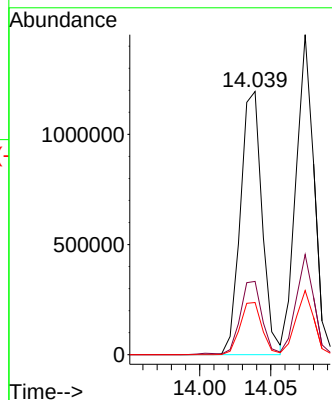
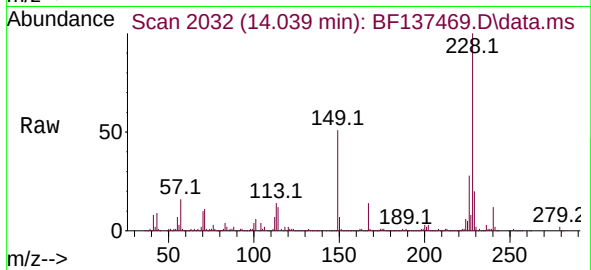
Tgt Ion:228 Resp: 1273890

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 45.136 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

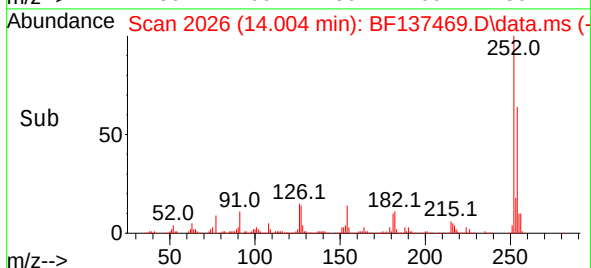
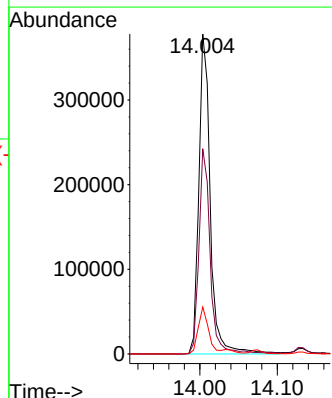
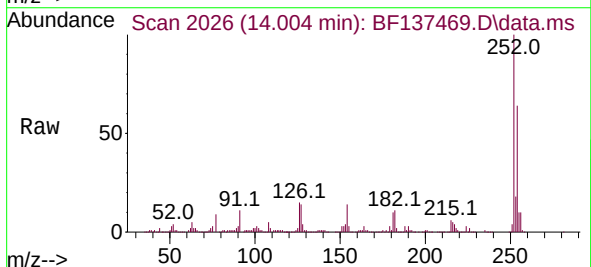
Tgt Ion:252 Resp: 386498

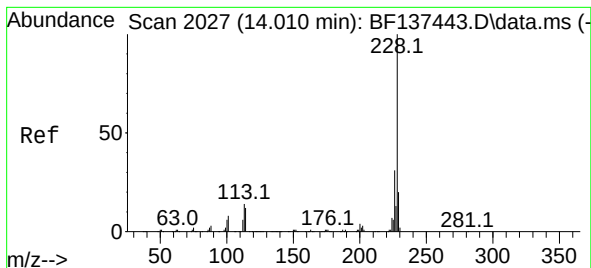
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 14.7 10.4 15.6





#83

Chrysene

Concen: 40.183 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

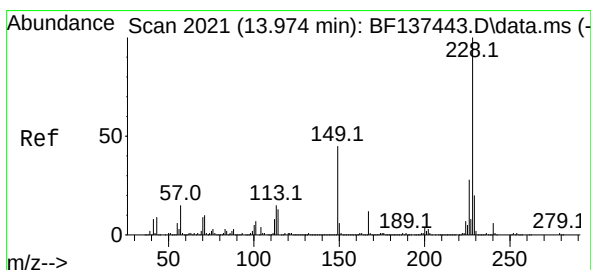
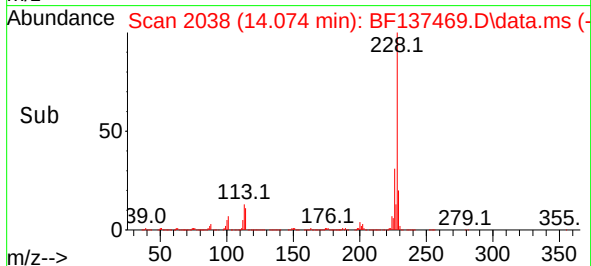
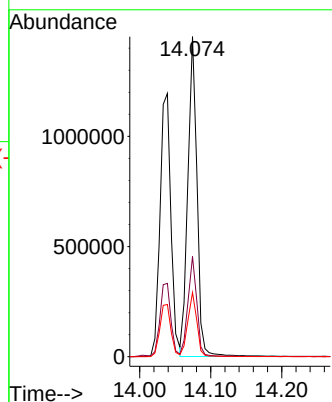
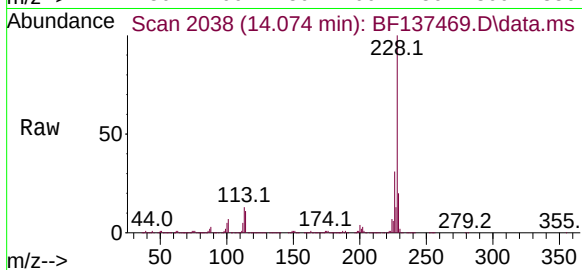
Tgt Ion:228 Resp: 1305907

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.373 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

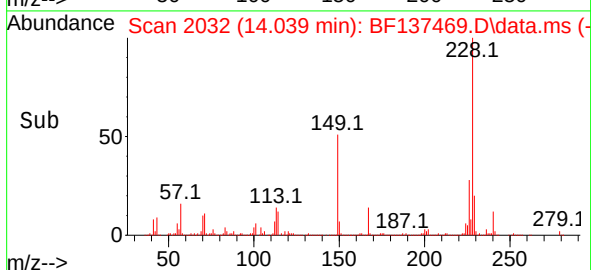
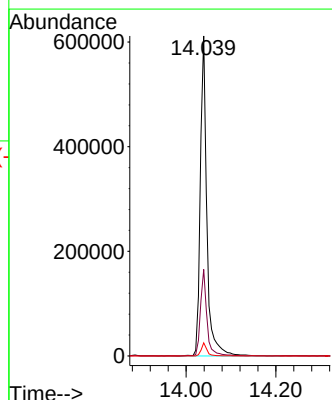
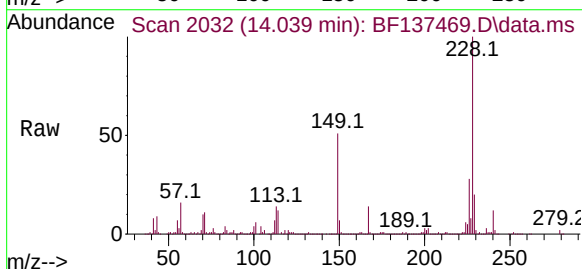
Tgt Ion:149 Resp: 619184

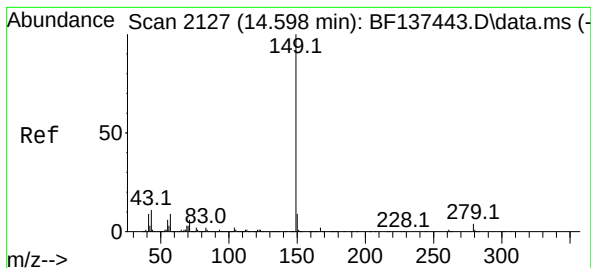
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 4.1 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 38.996 ng

RT: 14.662 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

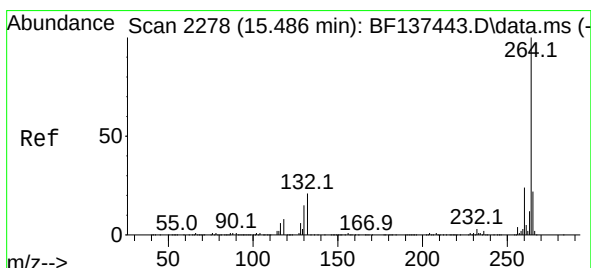
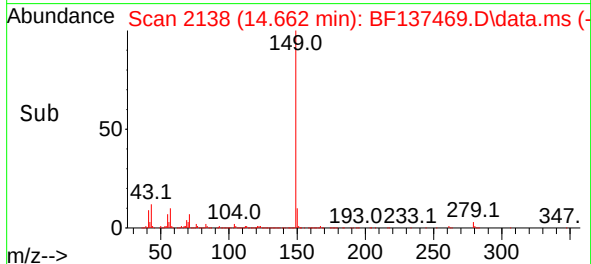
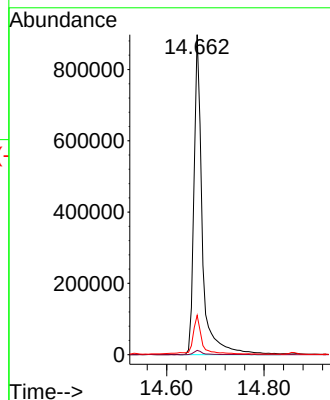
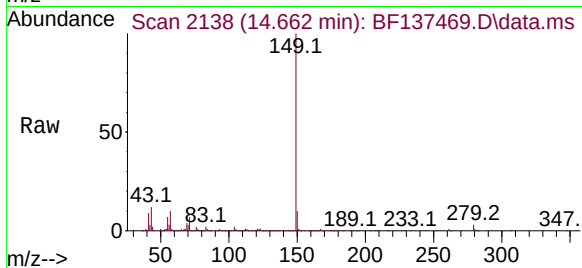
Tgt Ion:149 Resp: 1064678

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

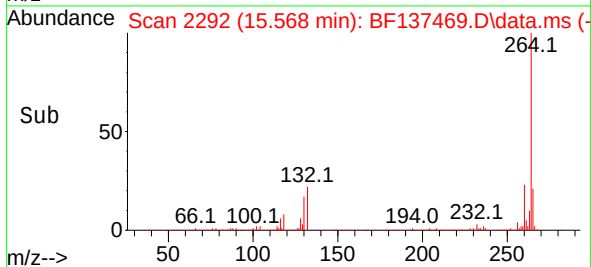
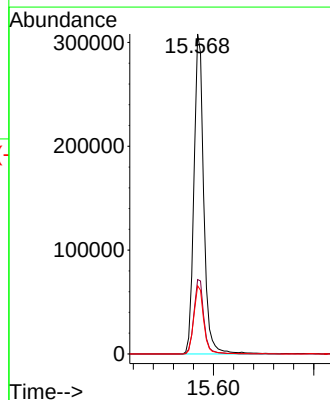
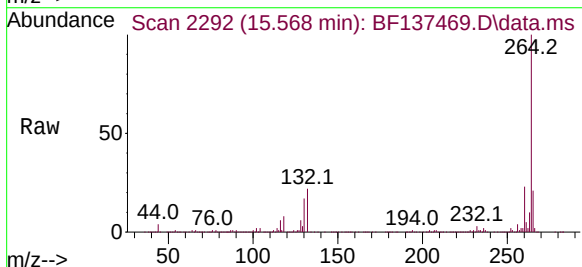
Tgt Ion:264 Resp: 416103

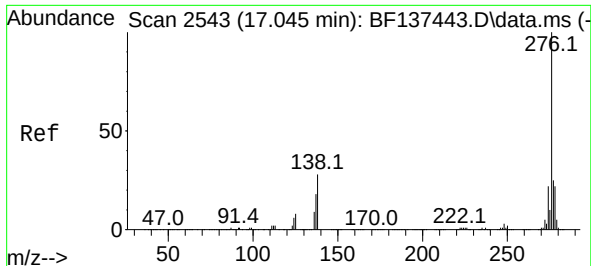
Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.3 17.4 26.0

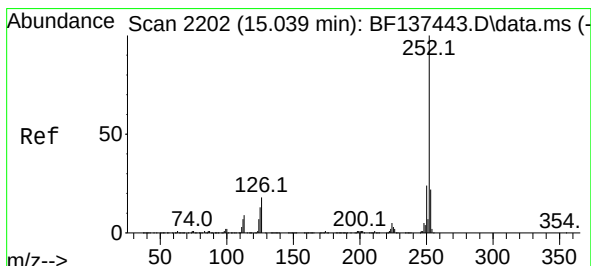
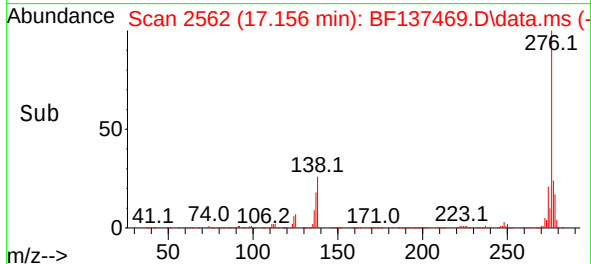
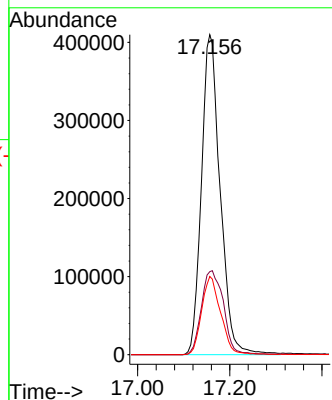
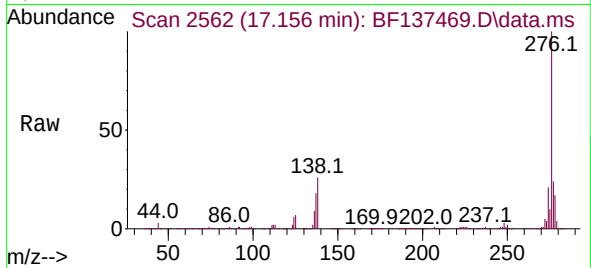




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.378 ng  
 RT: 17.156 min Scan# 2115  
 Delta R.T. 0.000 min  
 Lab File: BF137469.D  
 Acq: 02 Mar 2024 12:54

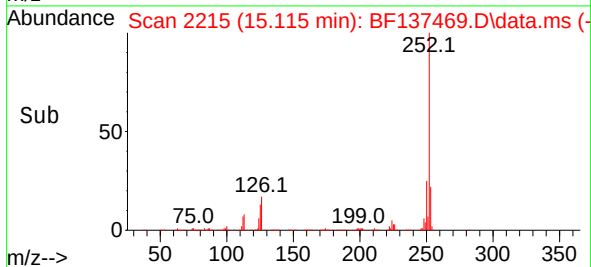
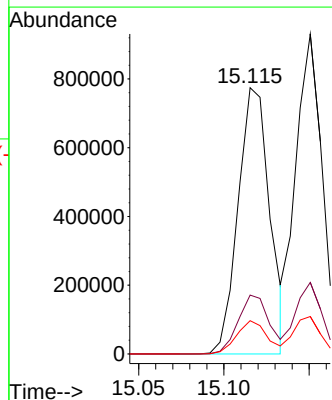
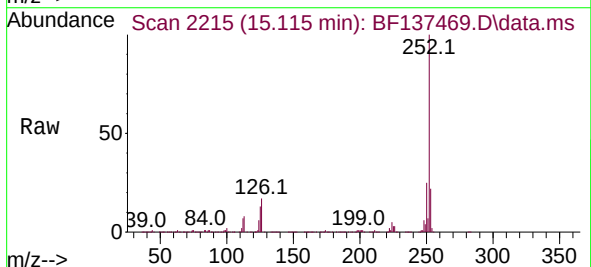
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

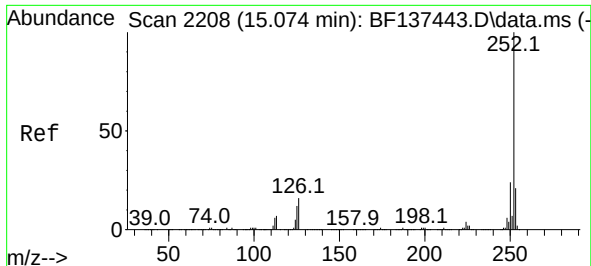
Tgt Ion:276 Resp: 1160407  
 Ion Ratio Lower Upper  
 276 100  
 138 30.9 25.8 38.8  
 277 24.9 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 40.687 ng  
 RT: 15.115 min Scan# 2215  
 Delta R.T. 0.000 min  
 Lab File: BF137469.D  
 Acq: 02 Mar 2024 12:54

Tgt Ion:252 Resp: 1001485  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.8 26.8  
 125 12.5 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.704 ng

RT: 15.151 min Scan# 221

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

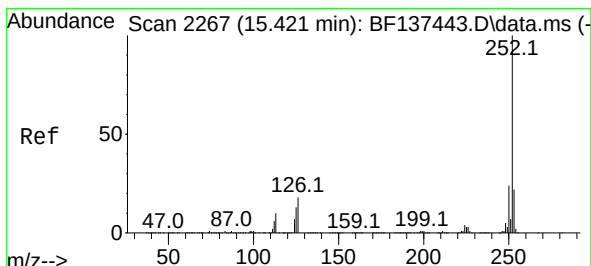
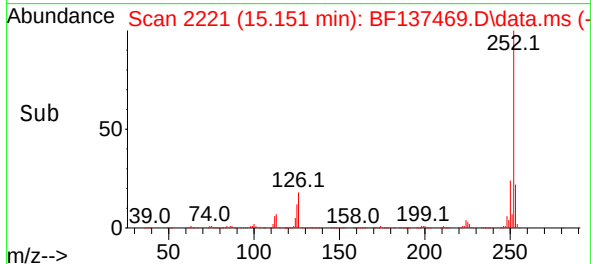
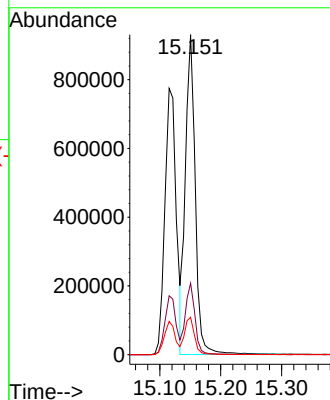
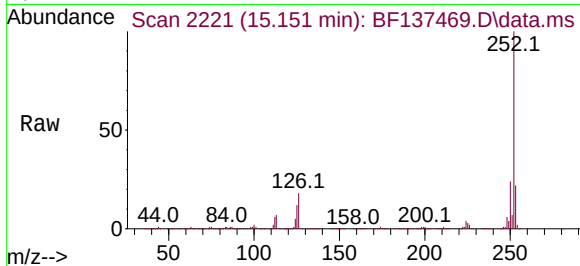
Tgt Ion:252 Resp: 1049692

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 11.7 9.6 14.4



#90

Benzo(a)pyrene

Concen: 41.125 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

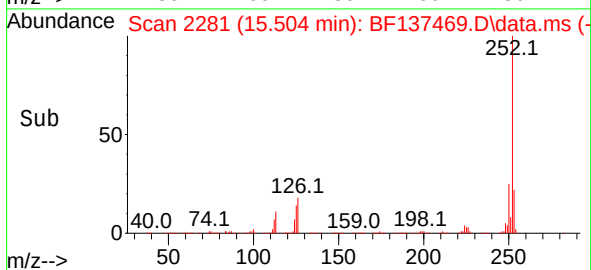
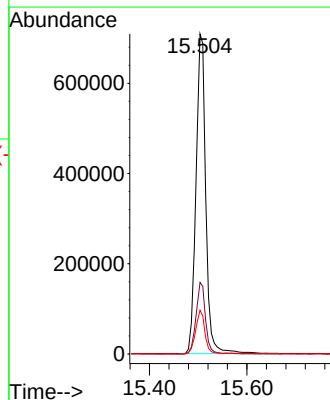
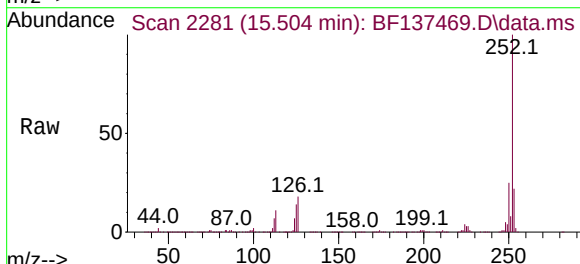
Tgt Ion:252 Resp: 997522

Ion Ratio Lower Upper

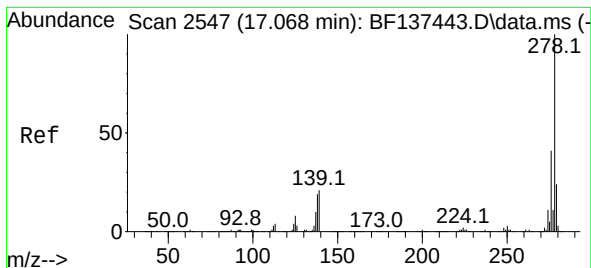
252 100

253 22.4 17.4 26.2

125 13.6 10.4 15.6







#91

Dibenzo(a,h)anthracene

Concen: 43.154 ng

RT: 17.180 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

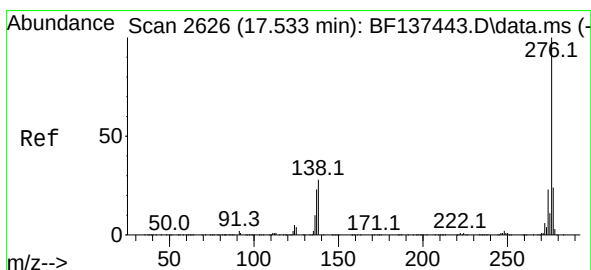
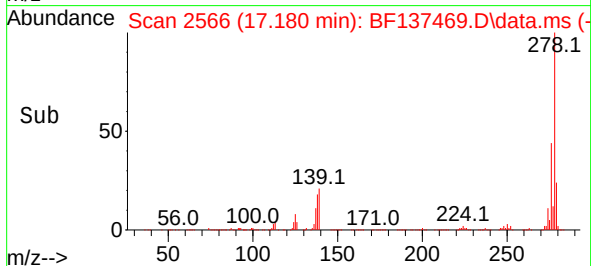
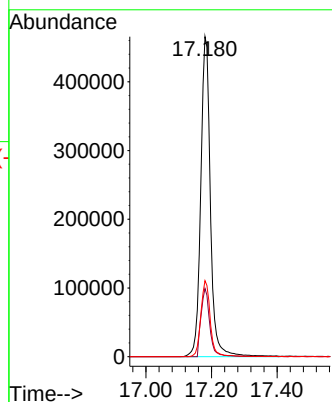
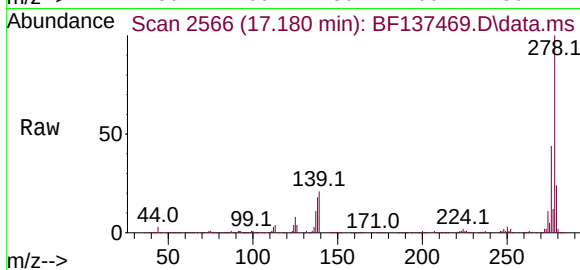
Tgt Ion:278 Resp: 958569

Ion Ratio Lower Upper

278 100

139 21.3 17.0 25.6

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.815 ng

RT: 17.639 min Scan# 2644

Delta R.T. 0.000 min

Lab File: BF137469.D

Acq: 02 Mar 2024 12:54

Tgt Ion:276 Resp: 976704

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 27.6 22.2 33.2

