

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111524\  
 Data File : BF140391.D  
 Acq On : 15 Nov 2024 09:42  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 15 10:44:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 137586   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 510501   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 282269   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 532450   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 316907   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 15.574 | 264  | 286665   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 645906   | 80.154 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.522  | 99   | 842168   | 77.138 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 777839   | 79.388 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 223500   | 79.624 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 1383177  | 78.773 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1467568  | 80.383 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 142524   | 39.683 | ng    | 99       |
| 3) Pyridine                   | 3.410  | 79   | 355585   | 40.272 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 175089   | 39.235 | ng    | 100      |
| 6) Aniline                    | 6.545  | 93   | 345718   | 36.401 | ng    | # 48     |
| 8) 2-Chlorophenol             | 6.669  | 128  | 341050   | 39.400 | ng    | 99       |
| 9) Benzaldehyde               | 6.428  | 77   | 238171   | 36.399 | ng    | 100      |
| 10) Phenol                    | 6.539  | 94   | 443150   | 38.489 | ng    | # 73     |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 336686   | 38.594 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 378509   | 39.632 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 387724   | 40.037 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 358382   | 39.863 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 305050   | 38.782 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 435241   | 36.120 | ng    | 62       |
| 17) 2-Methylphenol            | 7.139  | 107  | 273053   | 38.346 | ng    | # 93     |
| 18) Hexachloroethane          | 7.386  | 117  | 139622   | 38.999 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 242899   | 36.837 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 348503   | 39.135 | ng    | 98       |
| 22) Acetophenone              | 7.286  | 105  | 471910   | 39.746 | ng    | 98       |
| 24) Nitrobenzene              | 7.463  | 77   | 404843   | 39.685 | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 659463   | 37.977 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 183342   | 40.500 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 211785   | 36.542 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 402489   | 37.800 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 285923   | 39.919 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 315622   | 39.579 | ng    | 100      |
| 31) Naphthalene               | 8.181  | 128  | 1028026  | 39.697 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 214457   | 42.052 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 340749   | 37.835 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 200748   | 39.511 | ng    | 98       |
| 35) Caprolactam               | 8.598  | 113  | 96224    | 40.419 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 316665   | 39.894 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 646451   | 38.930 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 631921   | 38.862 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 307958   | 39.453 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 68792    | 34.325 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 207526   | 40.512 | ng    | 99       |

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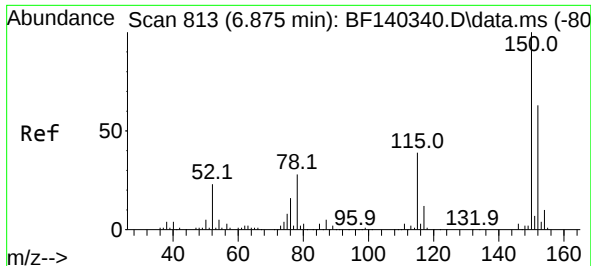
Quant Time: Nov 15 10:44:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 227545   | 40.628 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 811589   | 39.522 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 618193   | 39.519 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 209611   | 40.405 | ng    | 97       |
| 49) Acenaphthylene            | 9.780  | 152  | 946507   | 39.992 | ng    | 100      |
| 50) Dimethylphthalate         | 9.633  | 163  | 718203   | 39.036 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 170409   | 40.628 | ng    | 99       |
| 52) Acenaphthene              | 9.951  | 154  | 634430   | 39.688 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 176253   | 40.013 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 83401    | 38.558 | ng    | 97       |
| 55) Dibenzofuran              | 10.122 | 168  | 900455   | 39.791 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.045 | 139  | 133026   | 41.402 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 226868   | 41.097 | ng    | 99       |
| 58) Fluorene                  | 10.469 | 166  | 709723   | 39.701 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 176290   | 39.865 | ng    | 99       |
| 60) Diethylphthalate          | 10.333 | 149  | 729288   | 38.764 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 345585   | 39.157 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 189032   | 41.970 | ng    | 99       |
| 63) Azobenzene                | 10.616 | 77   | 710719   | 38.234 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 123344   | 43.056 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 602930   | 39.191 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 205033   | 38.522 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 239911   | 40.062 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 165528   | 35.563 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 125086   | 38.777 | ng    | 99       |
| 71) Phenanthrene              | 11.427 | 178  | 973993   | 38.941 | ng    | 100      |
| 72) Anthracene                | 11.480 | 178  | 973208   | 39.701 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 979587   | 40.471 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1094325  | 37.669 | ng    | 100      |
| 75) Fluoranthene              | 12.621 | 202  | 1106665  | 39.437 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 417263   | 34.306 | ng    | 98       |
| 78) Pyrene                    | 12.851 | 202  | 1134803  | 41.863 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 427850   | 41.087 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 810541   | 38.916 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 269418   | 40.697 | ng    | 100      |
| 83) Chrysene                  | 14.092 | 228  | 757510   | 39.861 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 545578   | 39.252 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 737911   | 37.695 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.086 | 276  | 716330   | 40.452 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 684079   | 36.480 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.168 | 252  | 615340   | 40.168 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.509 | 252  | 576074   | 39.559 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.103 | 278  | 586986   | 40.102 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.545 | 276  | 615070   | 41.103 | ng    | 100      |

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

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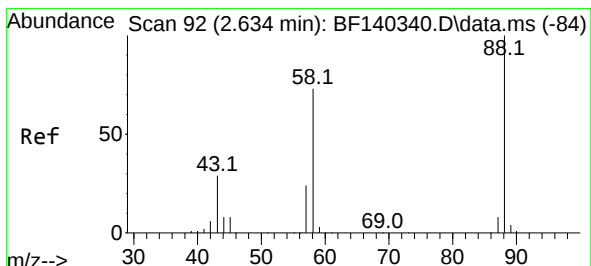
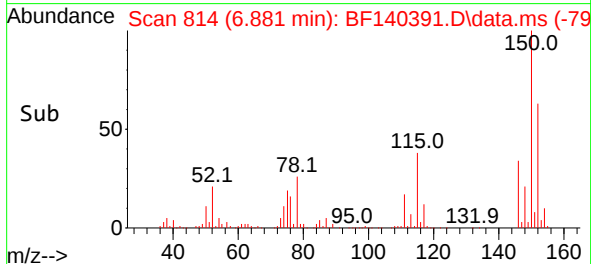
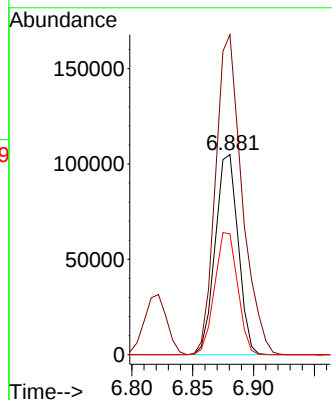
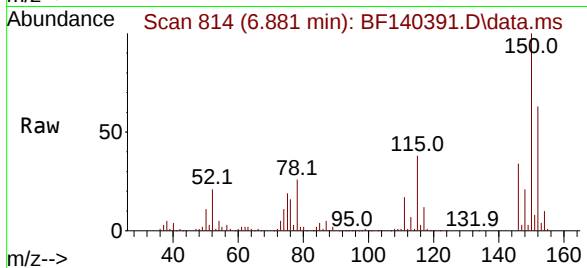




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
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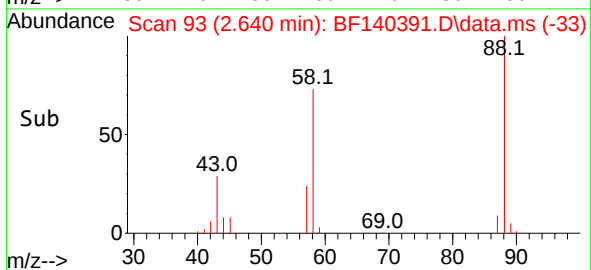
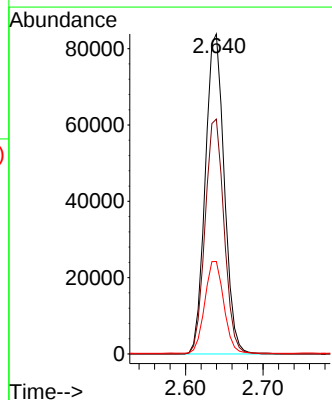
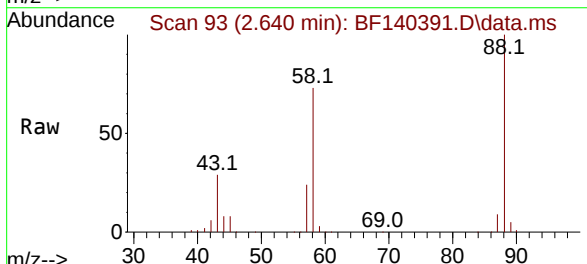
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

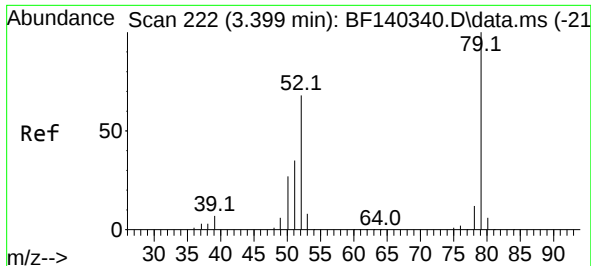
Tgt Ion:152 Resp: 137586  
Ion Ratio Lower Upper  
152 100  
150 159.8 127.4 191.0  
115 60.4 47.4 71.2



#2  
1,4-Dioxane  
Concen: 39.683 ng  
RT: 2.640 min Scan# 93  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 88 Resp: 142524  
Ion Ratio Lower Upper  
88 100  
58 73.4 59.5 89.3  
43 28.7 23.4 35.2

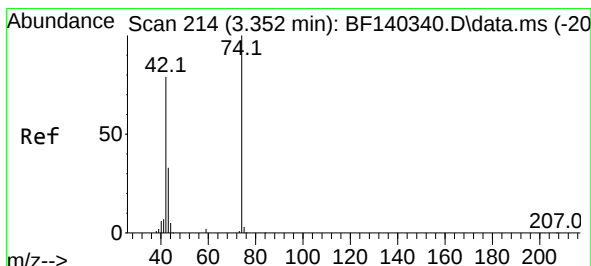
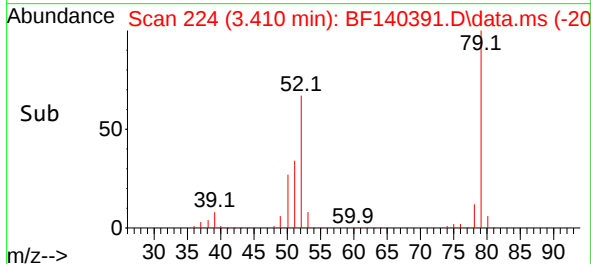
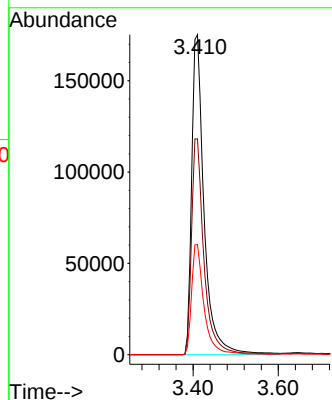
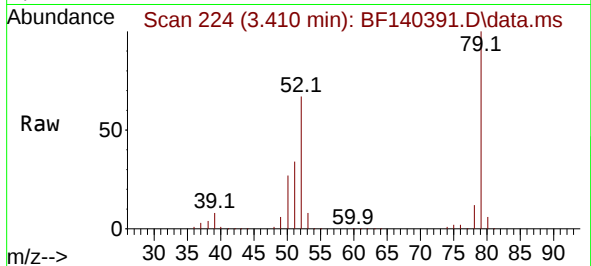




#3  
Pyridine  
Concen: 40.272 ng  
RT: 3.410 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

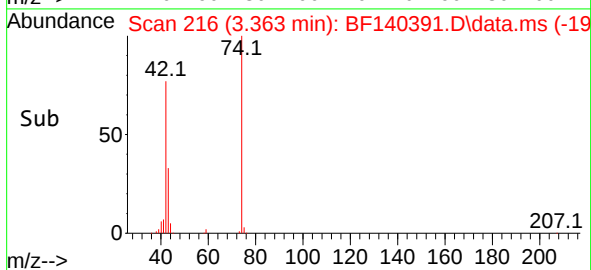
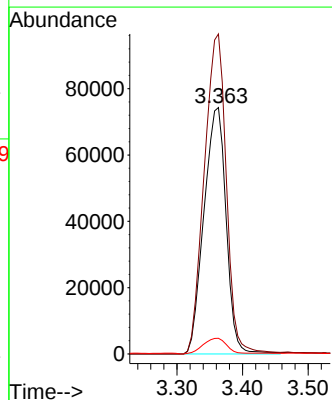
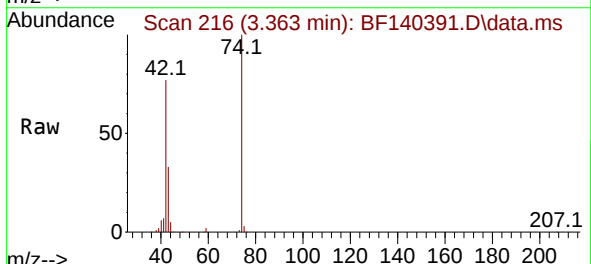
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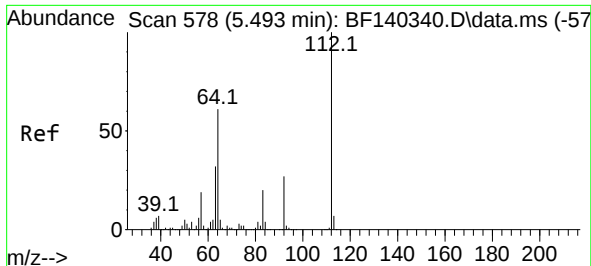
Tgt Ion: 79 Resp: 355585  
Ion Ratio Lower Upper  
79 100  
52 67.5 53.8 80.6  
51 34.4 27.3 40.9



#4  
n-Nitrosodimethylamine  
Concen: 39.235 ng  
RT: 3.363 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 42 Resp: 175089  
Ion Ratio Lower Upper  
42 100  
74 129.8 103.5 155.3  
44 6.3 5.1 7.7

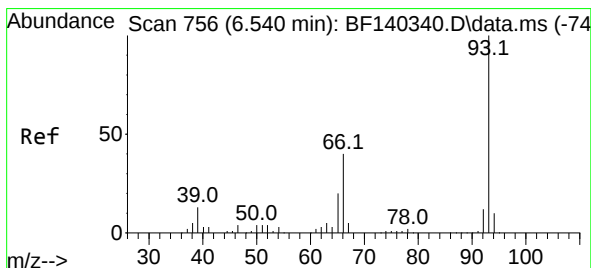
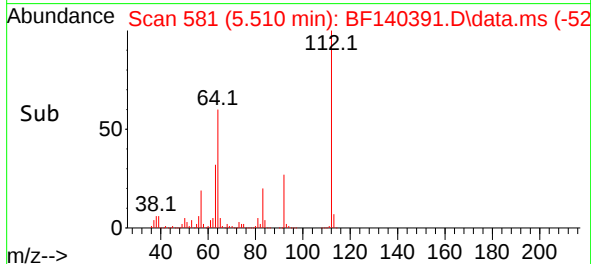
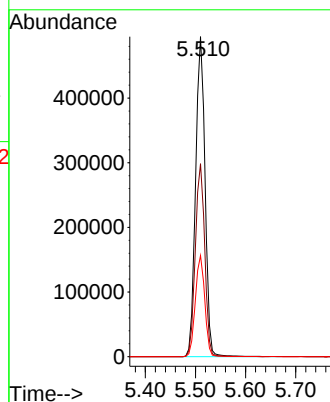
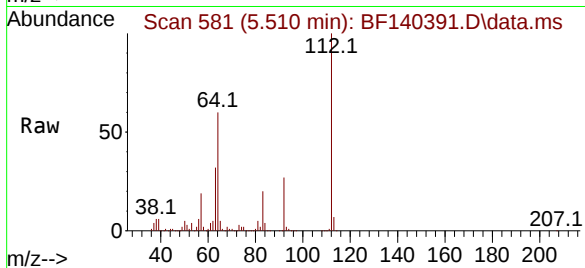




#5  
2-Fluorophenol  
Concen: 80.154 ng  
RT: 5.510 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

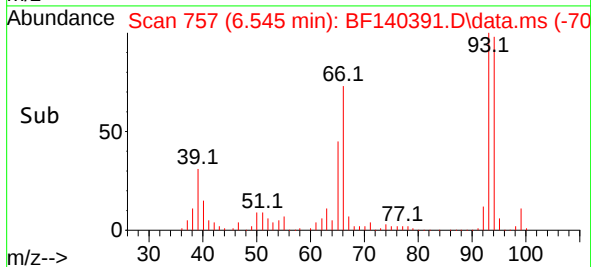
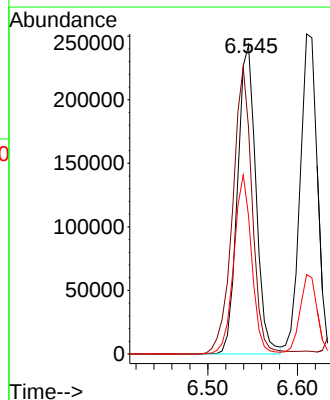
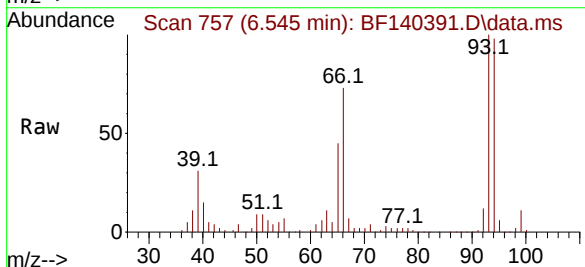
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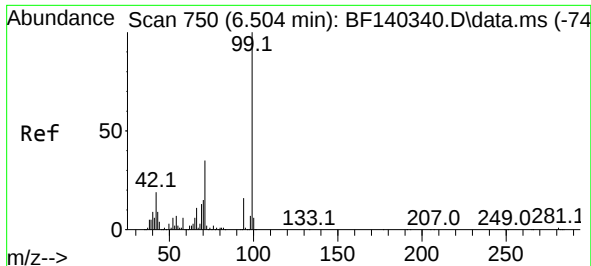
Tgt Ion:112 Resp: 645906  
Ion Ratio Lower Upper  
112 100  
64 60.3 49.2 73.8  
63 31.6 25.6 38.4



#6  
Aniline  
Concen: 36.401 ng  
RT: 6.545 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 93 Resp: 345718  
Ion Ratio Lower Upper  
93 100  
66 73.4 32.8 49.2#  
65 44.8 16.6 25.0#





#7

Phenol-d6

Concen: 77.138 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

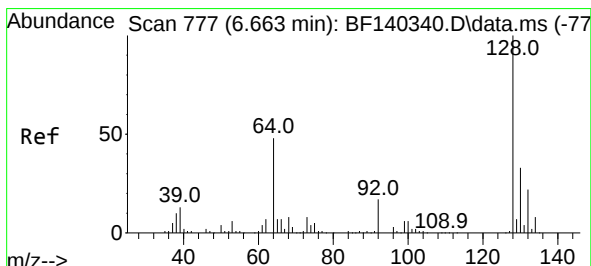
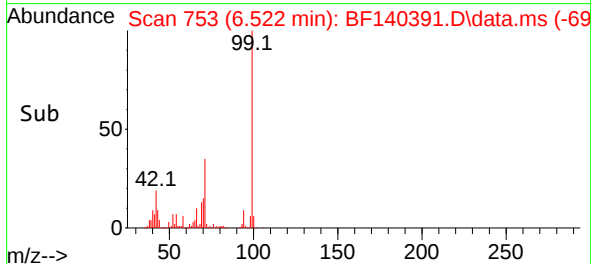
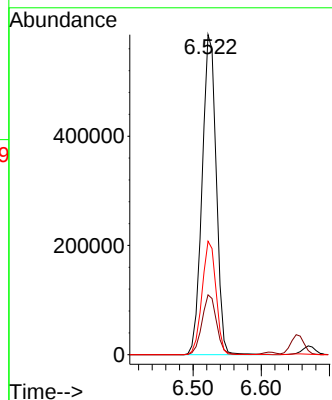
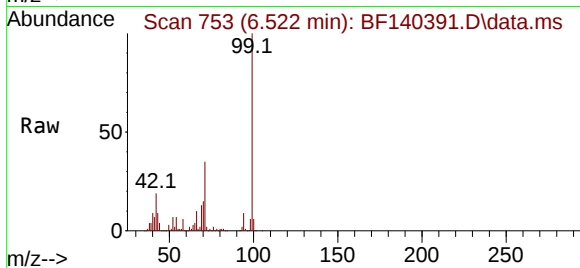
Tgt Ion: 99 Resp: 842168

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.5 27.9 41.9



#8

2-Chlorophenol

Concen: 39.400 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

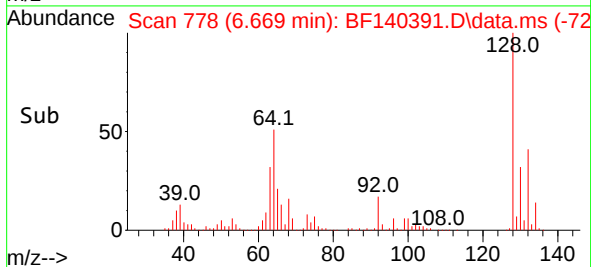
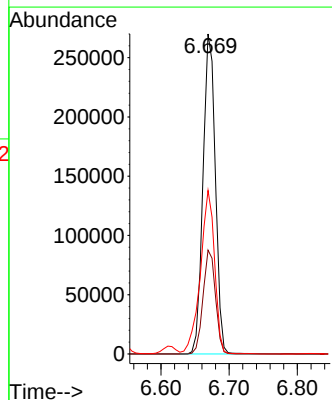
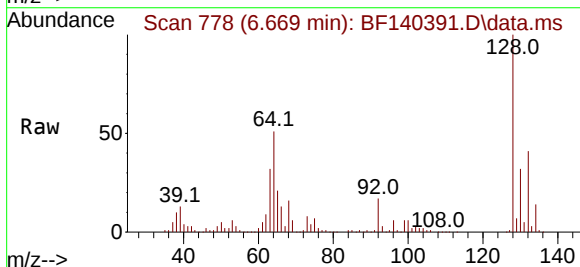
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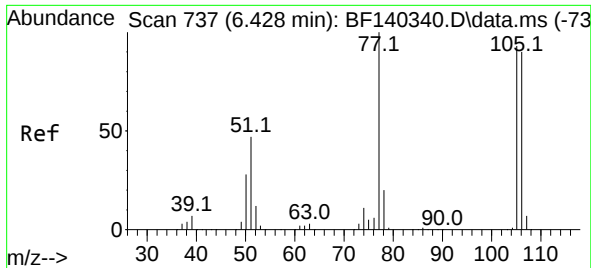
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 51.1 30.2 70.2





#9

Benzaldehyde

Concen: 36.399 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

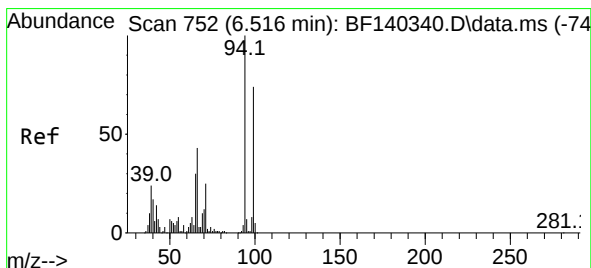
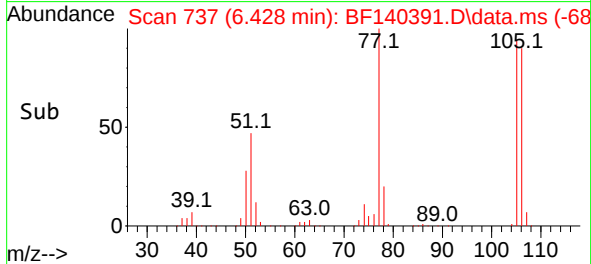
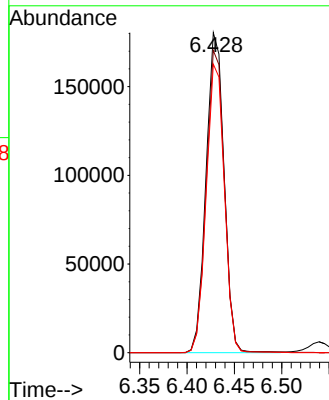
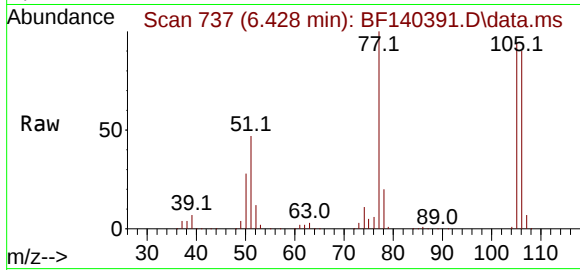
Tgt Ion: 77 Resp: 238171

Ion Ratio Lower Upper

77 100

105 94.4 74.4 114.4

106 90.1 69.9 109.9



#10

Phenol

Concen: 38.489 ng

RT: 6.539 min Scan# 756

Delta R.T. 0.018 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

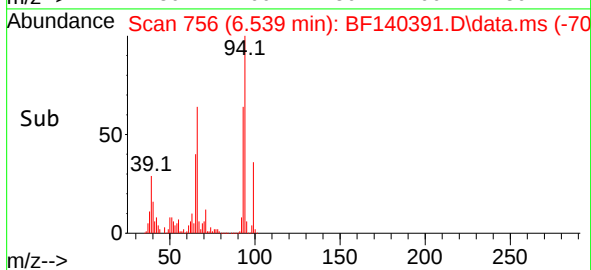
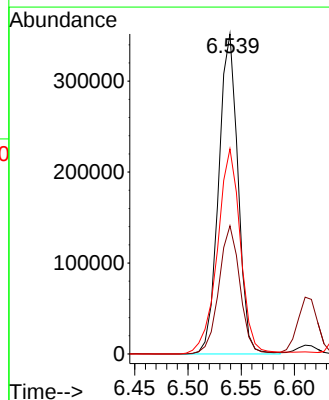
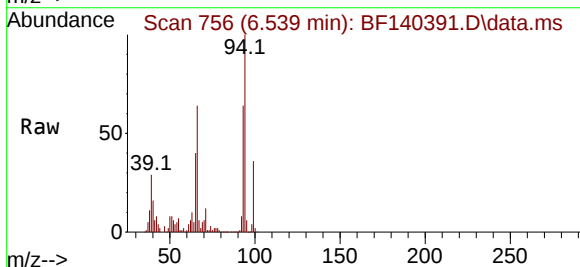
Tgt Ion: 94 Resp: 443150

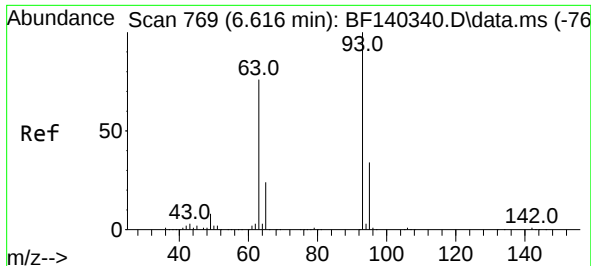
Ion Ratio Lower Upper

94 100

65 40.1 10.4 50.4

66 64.1 22.9 62.9#

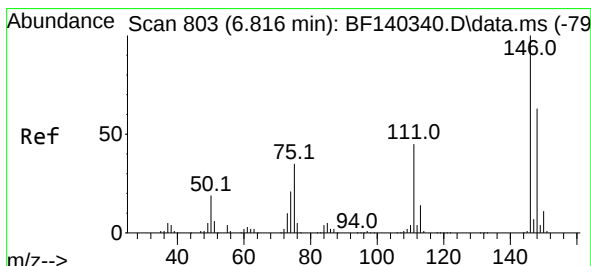
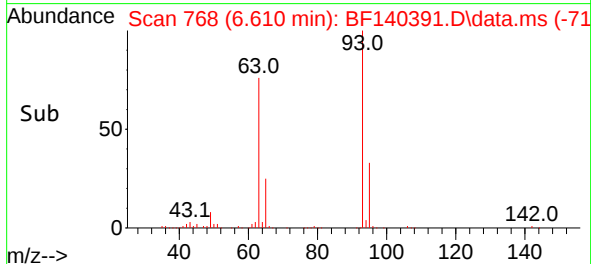
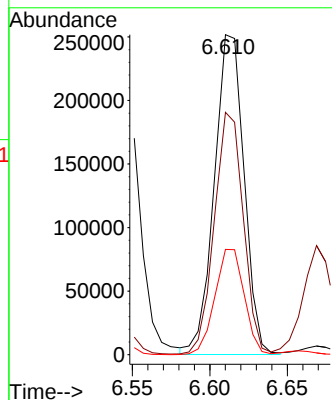
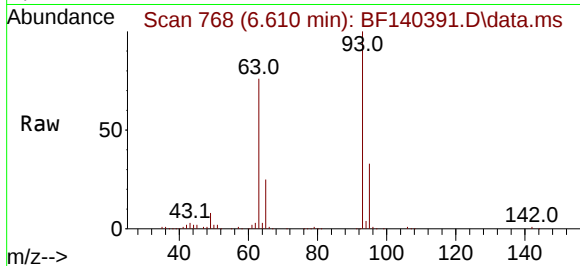




#11  
bis(2-Chloroethyl)ether  
Concen: 38.594 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

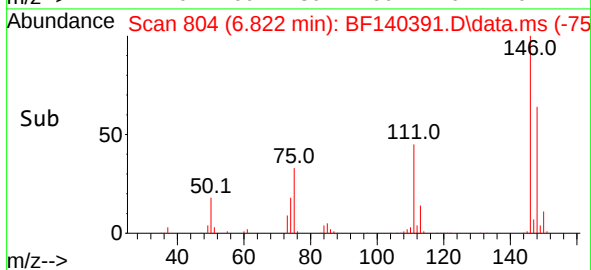
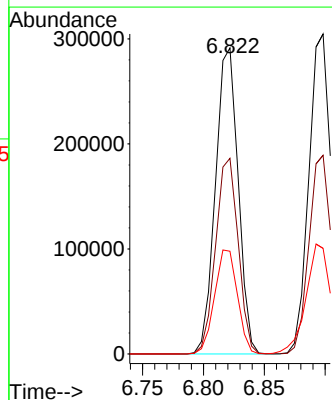
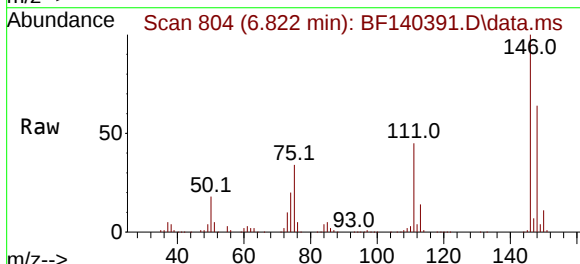
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

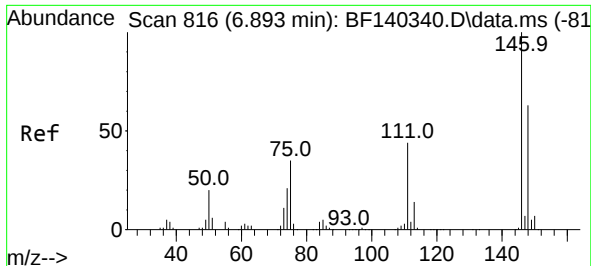
Tgt Ion: 93 Resp: 336686  
Ion Ratio Lower Upper  
93 100  
63 75.8 54.0 94.0  
95 32.9 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 39.632 ng  
RT: 6.822 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 146 Resp: 378509  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.7 76.1  
75 33.6 26.4 39.6

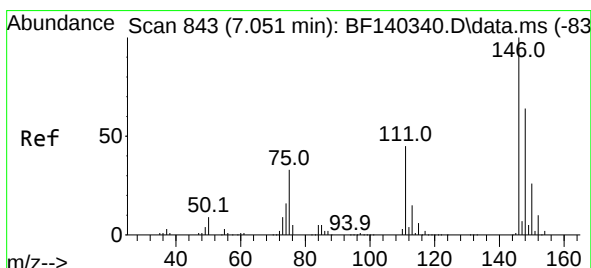
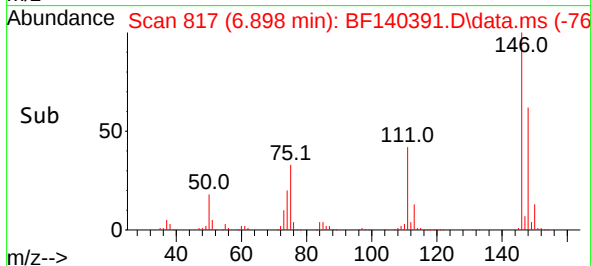
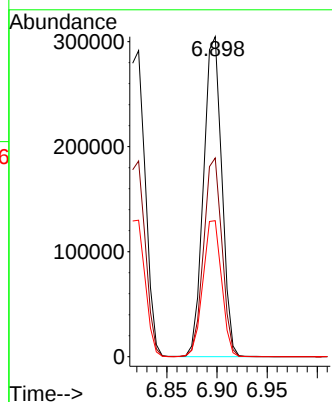
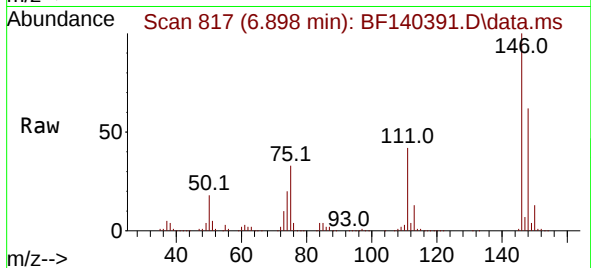




#13  
1,4-Dichlorobenzene  
Concen: 40.037 ng  
RT: 6.898 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

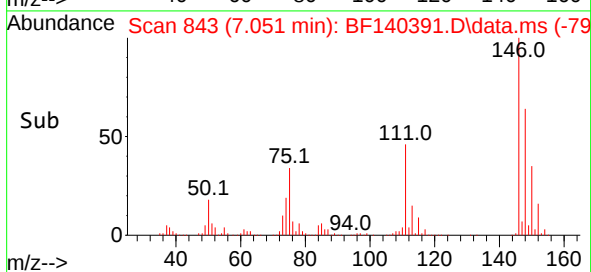
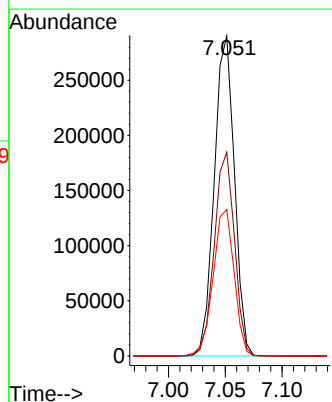
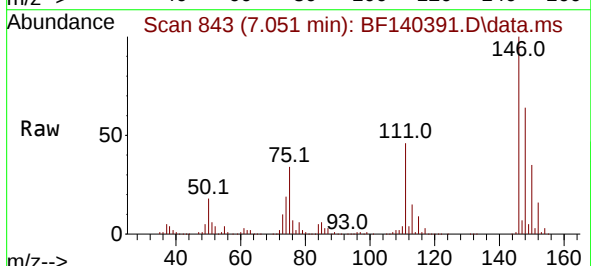
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

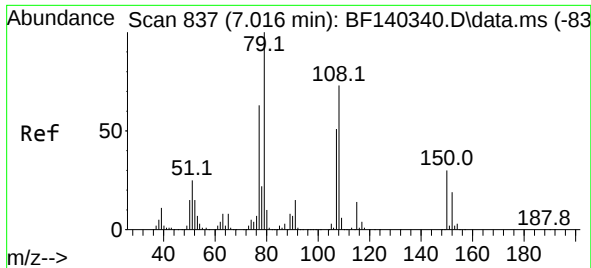
Tgt Ion:146 Resp: 387724  
Ion Ratio Lower Upper  
146 100  
148 62.1 50.8 76.2  
111 42.5 34.2 51.2



#14  
1,2-Dichlorobenzene  
Concen: 39.863 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:146 Resp: 358382  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.2 76.8  
111 45.8 36.5 54.7

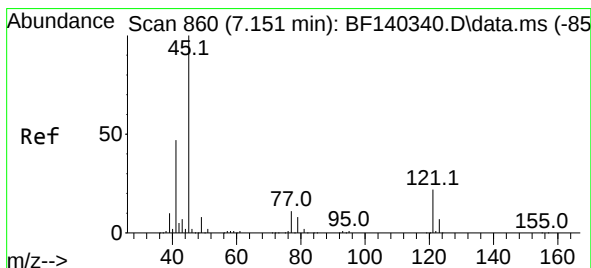
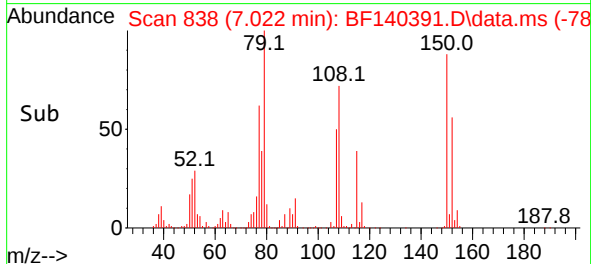
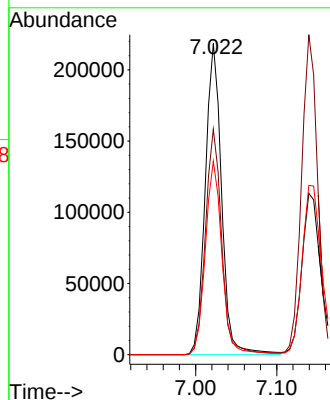
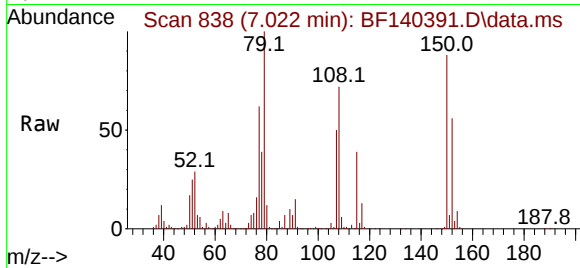




#15  
Benzyl Alcohol  
Concen: 38.782 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

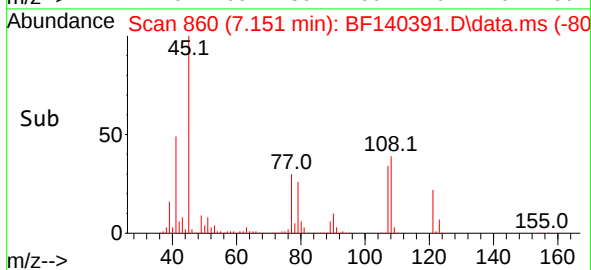
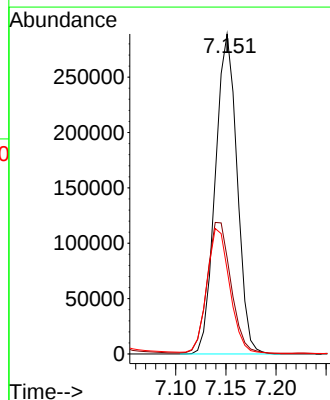
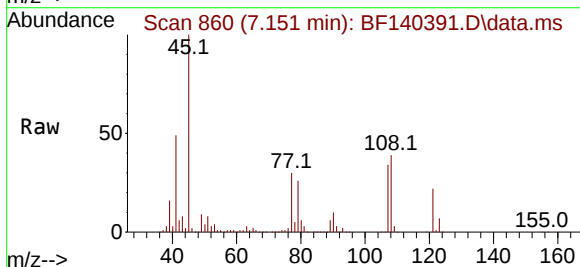
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

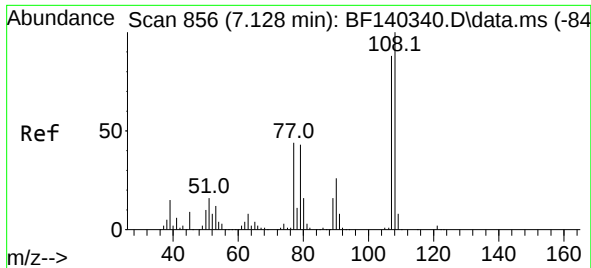
Tgt Ion: 79 Resp: 305050  
Ion Ratio Lower Upper  
79 100  
108 72.4 57.8 86.6  
77 62.1 49.8 74.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.120 ng  
RT: 7.151 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 45 Resp: 435241  
Ion Ratio Lower Upper  
45 100  
77 30.2 0.0 34.8  
79 26.4 0.0 31.4



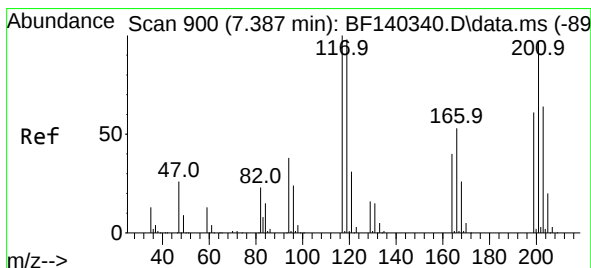
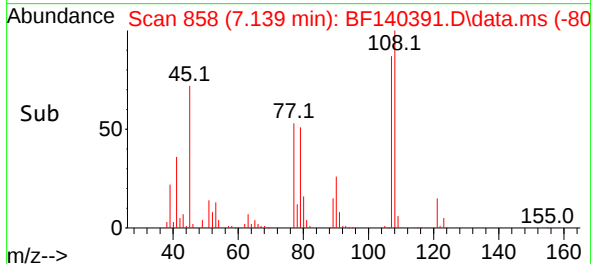
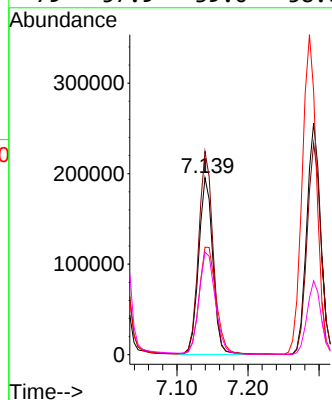
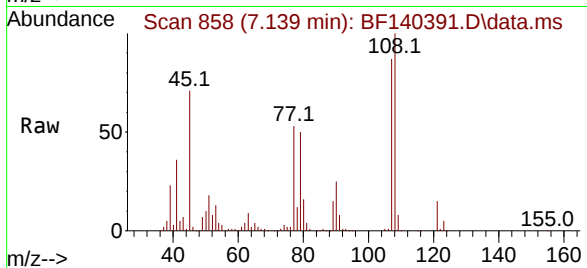


#17  
2-Methylphenol  
Concen: 38.346 ng  
RT: 7.139 min Scan# 856  
Delta R.T. 0.012 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 273053

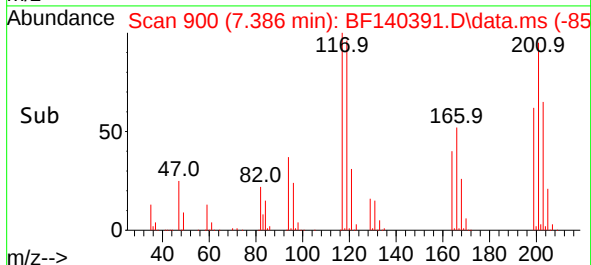
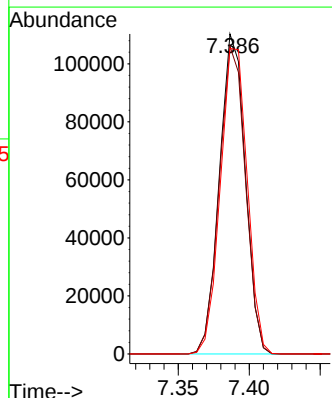
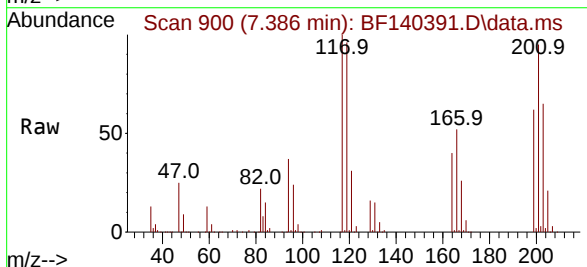
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 114.9 | 91.9  | 137.9 |
| 77  | 60.8  | 39.7  | 59.5# |
| 79  | 57.9  | 39.0  | 58.6  |

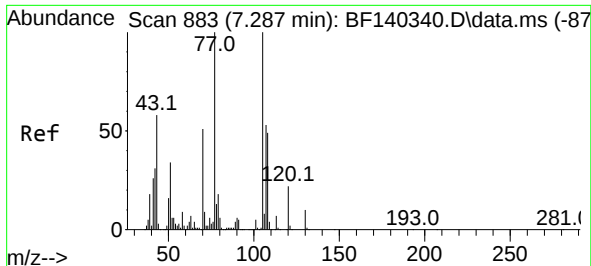


#18  
Hexachloroethane  
Concen: 38.999 ng  
RT: 7.386 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:117 Resp: 139622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.1  | 76.9  | 115.3 |
| 201 | 95.5  | 80.2  | 120.4 |



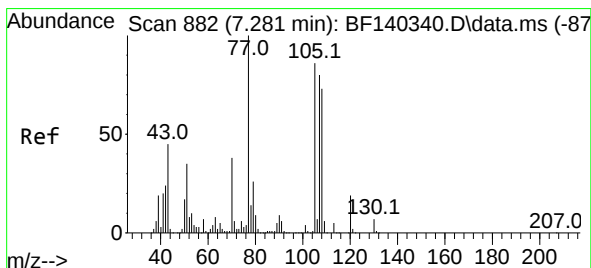
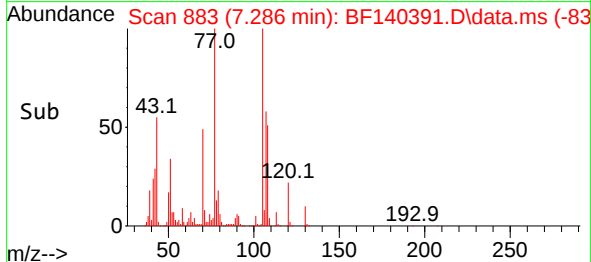
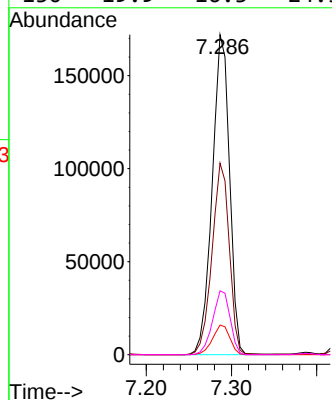
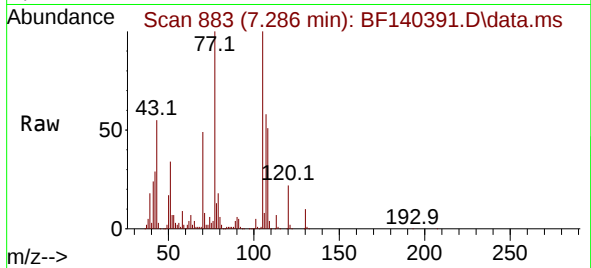


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.837 ng  
RT: 7.286 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 242899

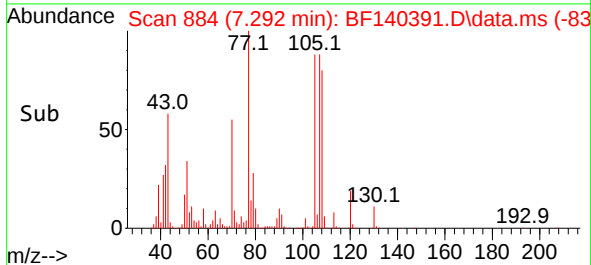
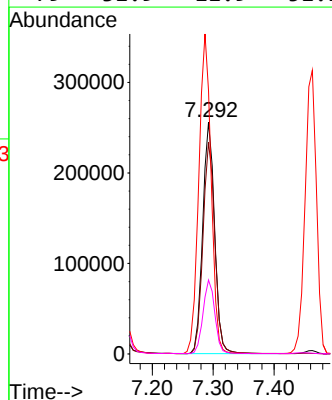
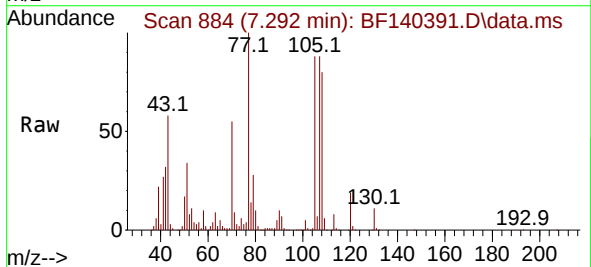
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.9  | 46.8  | 70.2  |
| 101 | 9.3   | 7.5   | 11.3  |
| 130 | 19.9  | 16.3  | 24.5  |

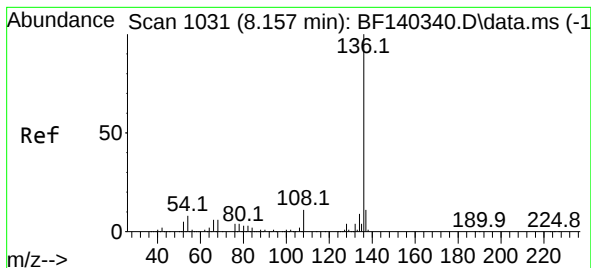


#20  
3+4-Methylphenols  
Concen: 39.135 ng  
RT: 7.292 min Scan# 884  
Delta R.T. 0.012 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 107 Resp: 348503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.4  | 71.4  | 111.4 |
| 77  | 113.7 | 97.0  | 137.0 |
| 79  | 31.9  | 11.9  | 51.9  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 510501

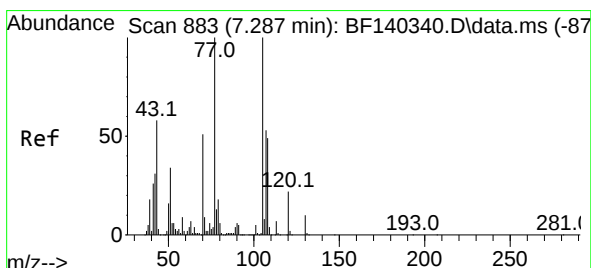
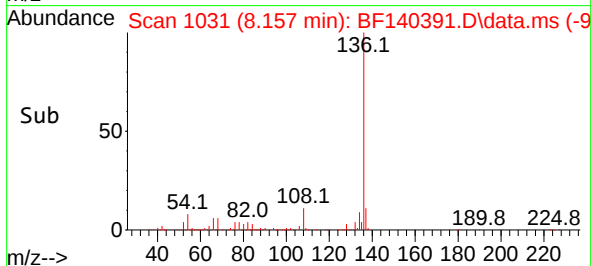
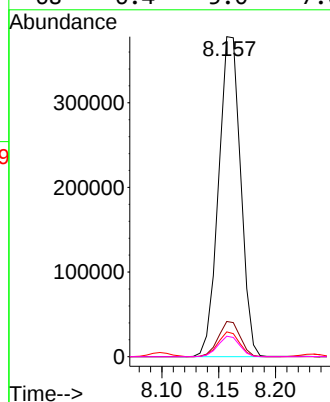
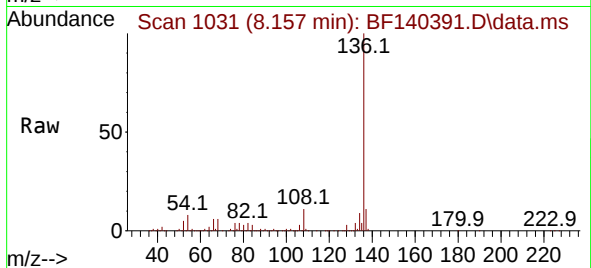
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 6.5 9.7

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 39.746 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Tgt Ion:105 Resp: 471910

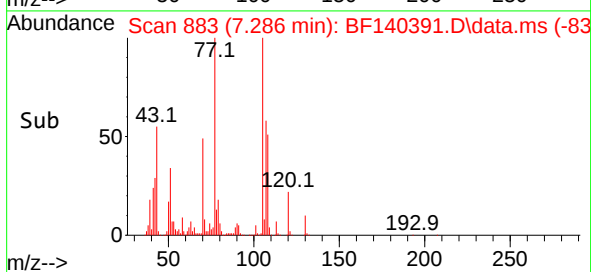
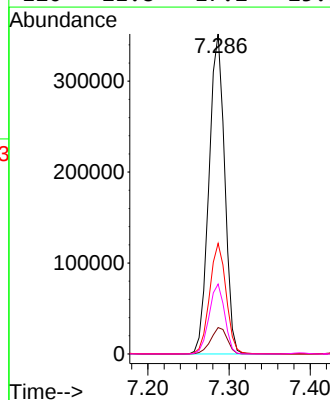
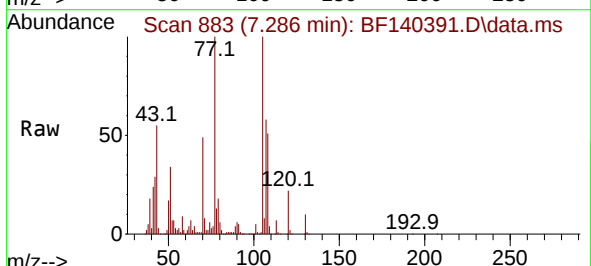
Ion Ratio Lower Upper

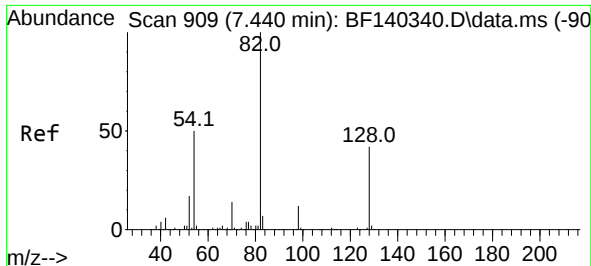
105 100

71 8.3 6.9 10.3

51 34.6 28.6 43.0

120 21.8 17.2 25.8

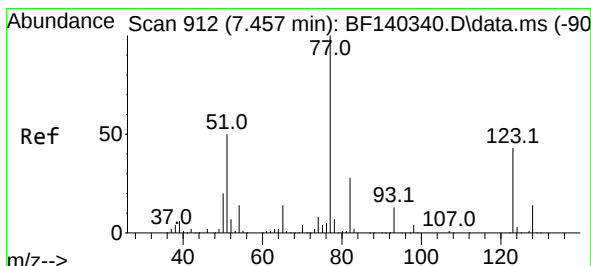
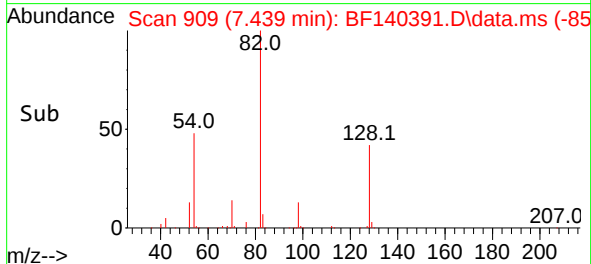
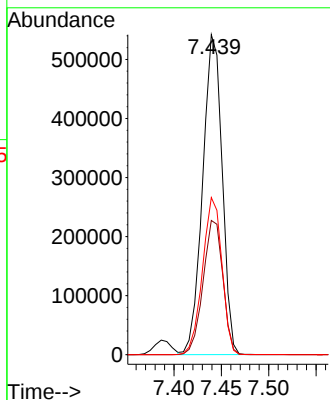
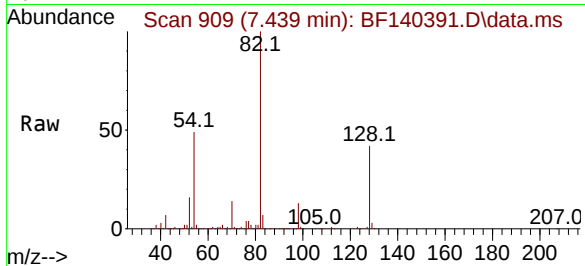




#23  
 Nitrobenzene-d5  
 Concen: 79.388 ng  
 RT: 7.439 min Scan# 909  
 Delta R.T. -0.000 min  
 Lab File: BF140391.D  
 Acq: 15 Nov 2024 09:42

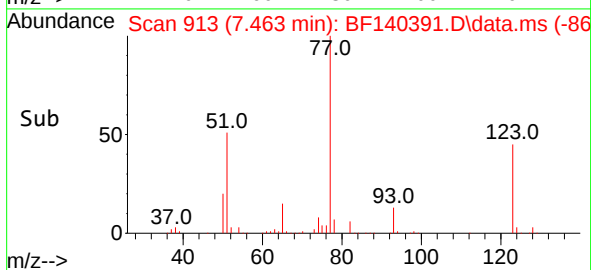
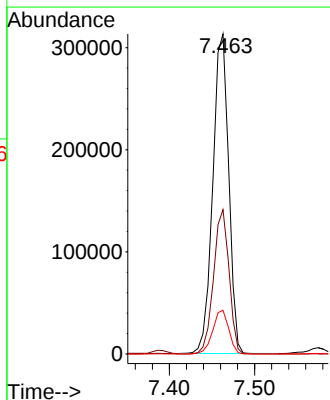
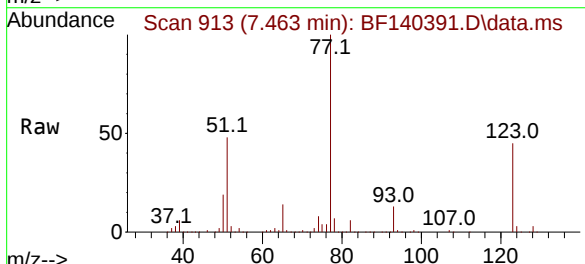
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

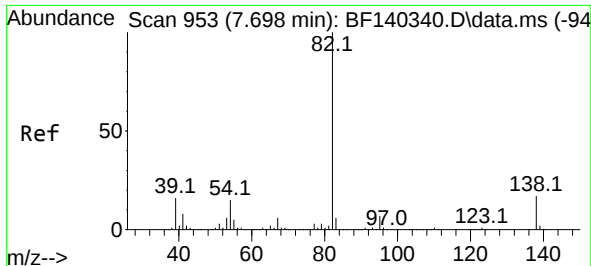
Tgt Ion: 82 Resp: 777839  
 Ion Ratio Lower Upper  
 82 100  
 128 42.0 33.3 49.9  
 54 49.1 39.8 59.8



#24  
 Nitrobenzene  
 Concen: 39.685 ng  
 RT: 7.463 min Scan# 913  
 Delta R.T. -0.000 min  
 Lab File: BF140391.D  
 Acq: 15 Nov 2024 09:42

Tgt Ion: 77 Resp: 404843  
 Ion Ratio Lower Upper  
 77 100  
 123 45.1 35.4 53.0  
 65 13.7 11.1 16.7

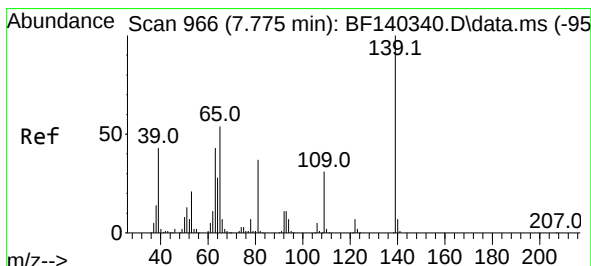
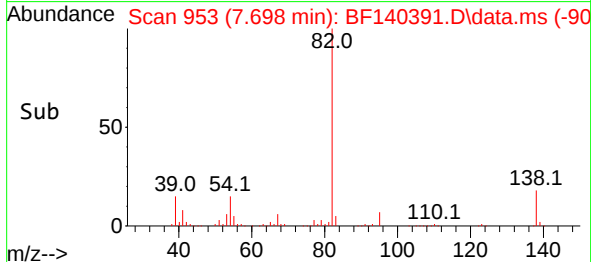
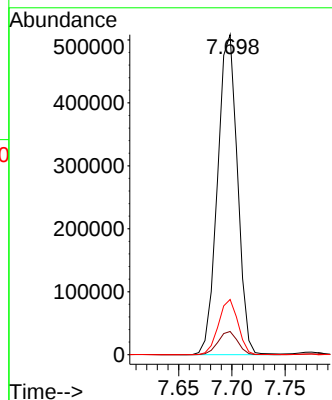
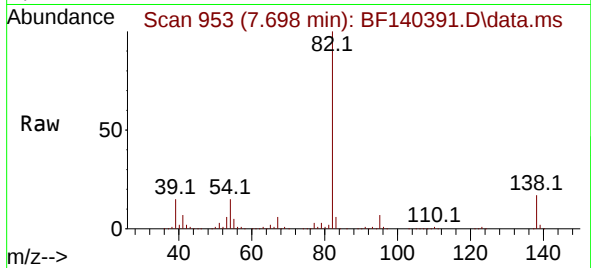




#25  
Isophorone  
Concen: 37.977 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

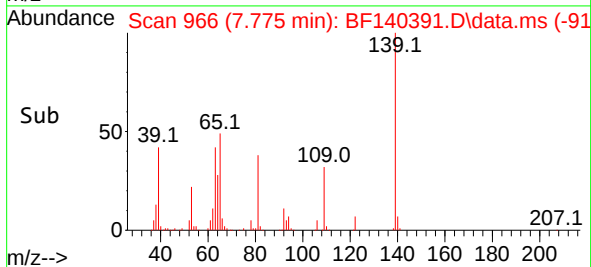
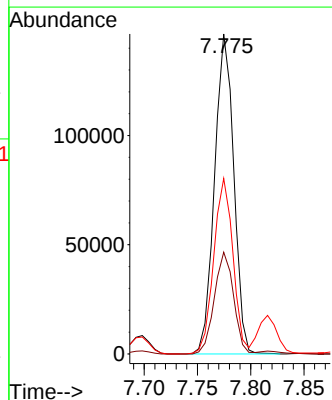
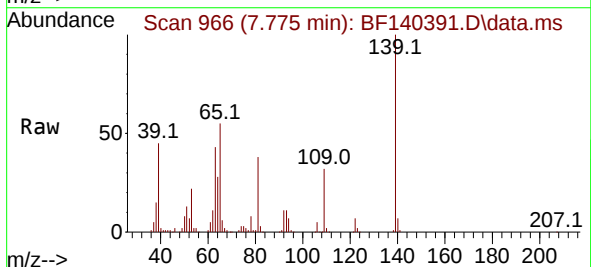
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

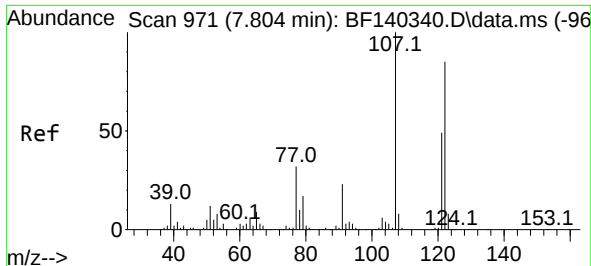
Tgt Ion: 82 Resp: 659463  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.9 8.9  
138 17.2 13.4 20.2



#26  
2-Nitrophenol  
Concen: 40.500 ng  
RT: 7.775 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:139 Resp: 183342  
Ion Ratio Lower Upper  
139 100  
109 31.8 24.4 36.6  
65 54.9 42.8 64.2

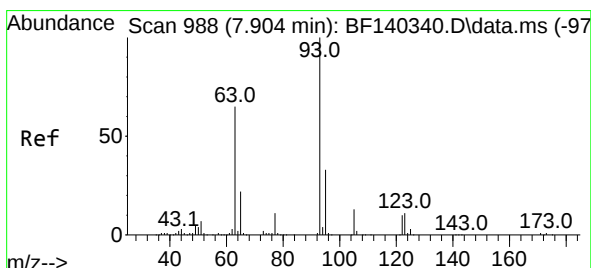
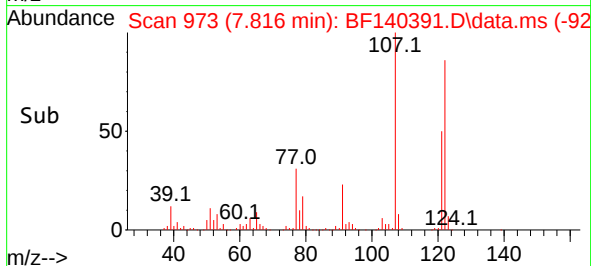
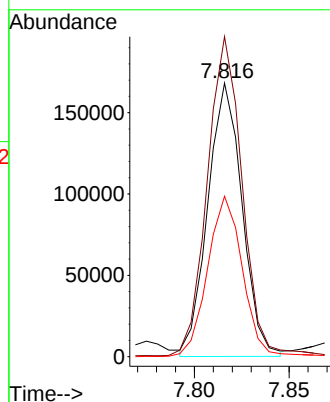
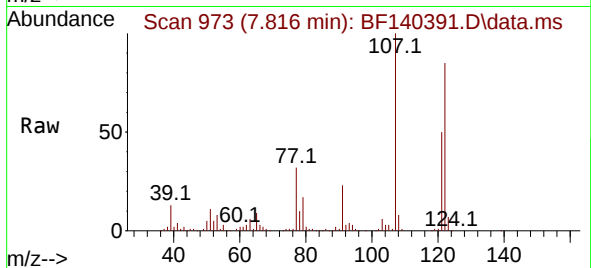




#27  
2,4-Dimethylphenol  
Concen: 36.542 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

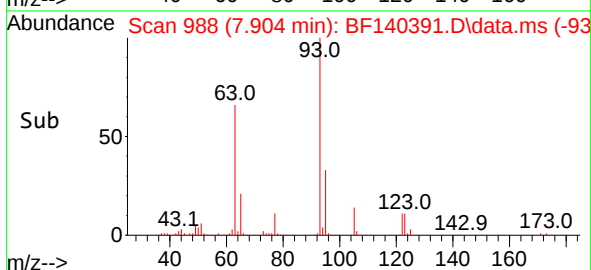
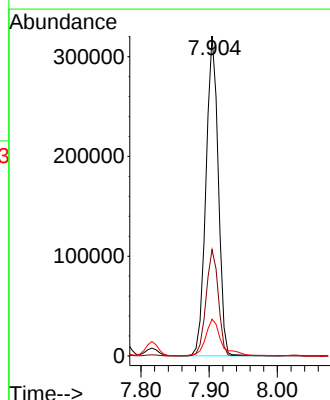
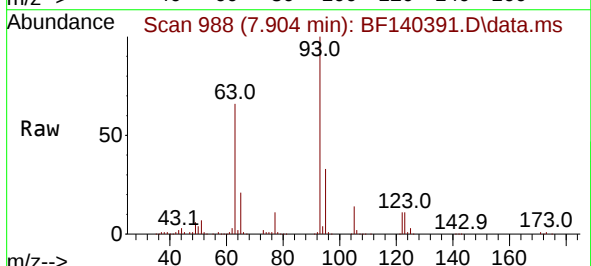
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

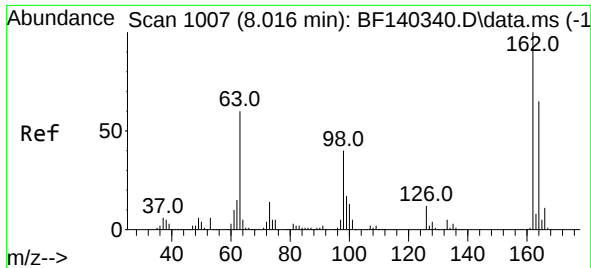
Tgt Ion:122 Resp: 211785  
Ion Ratio Lower Upper  
122 100  
107 117.0 91.3 136.9  
121 58.7 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.800 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 93 Resp: 402489  
Ion Ratio Lower Upper  
93 100  
95 33.2 25.9 38.9  
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.919 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

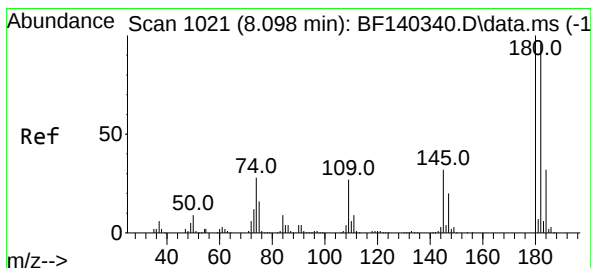
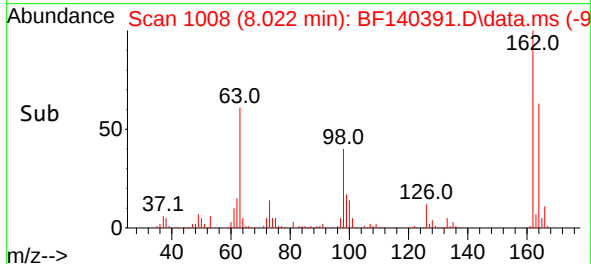
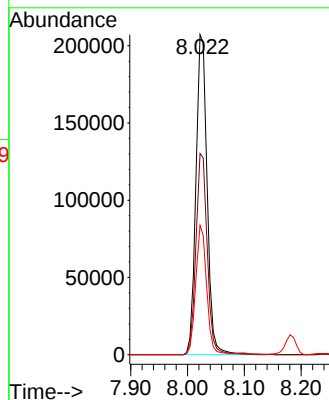
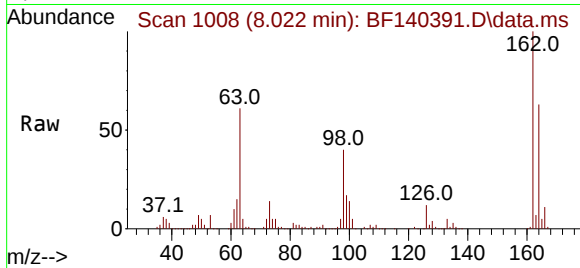
Tgt Ion:162 Resp: 285923

Ion Ratio Lower Upper

162 100

164 62.9 45.4 85.4

98 40.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 39.579 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

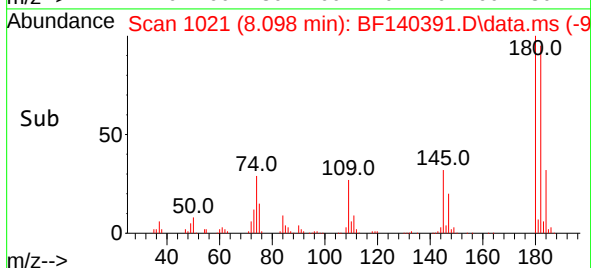
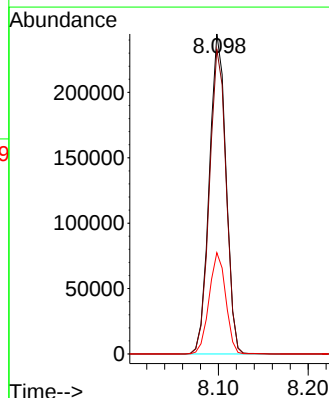
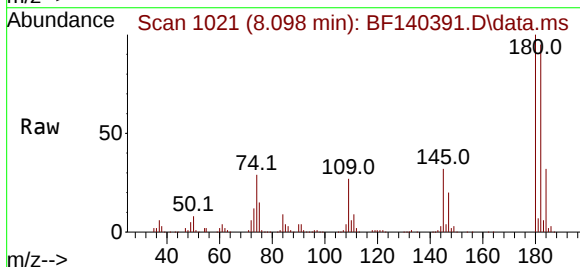
Tgt Ion:180 Resp: 315622

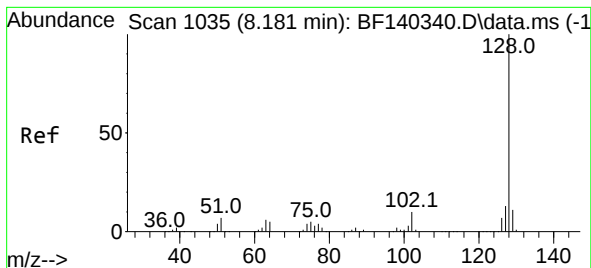
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 31.7 25.3 37.9





#31

Naphthalene

Concen: 39.697 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

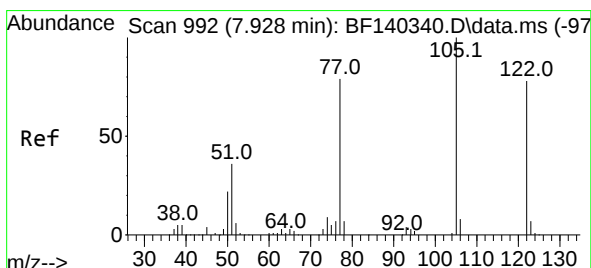
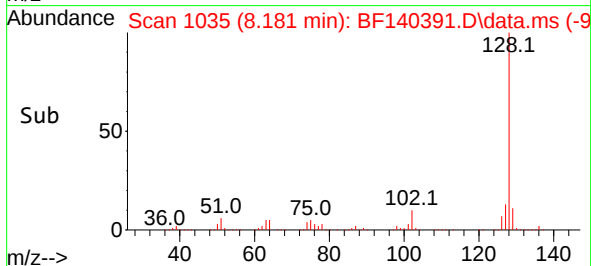
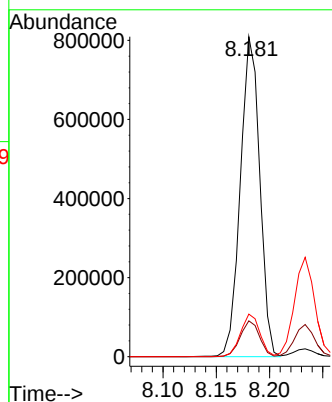
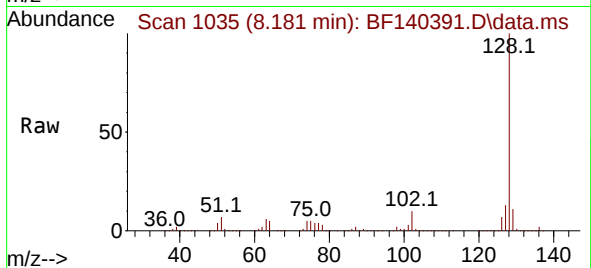
Tgt Ion:128 Resp: 1028026

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 42.052 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

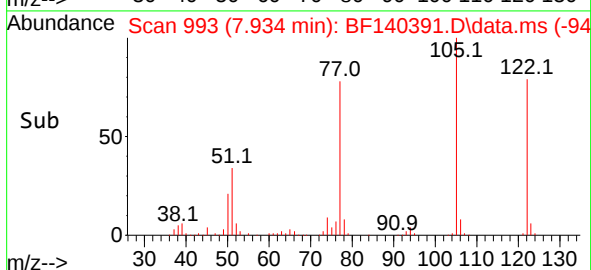
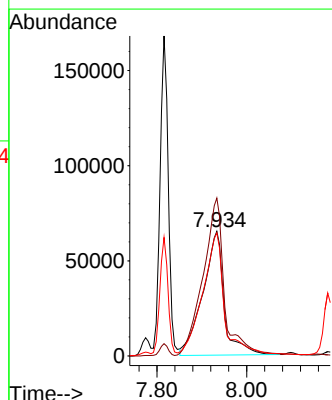
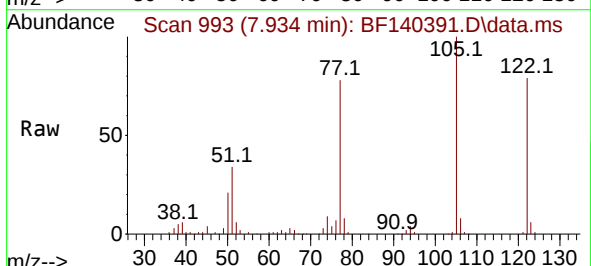
Tgt Ion:122 Resp: 214457

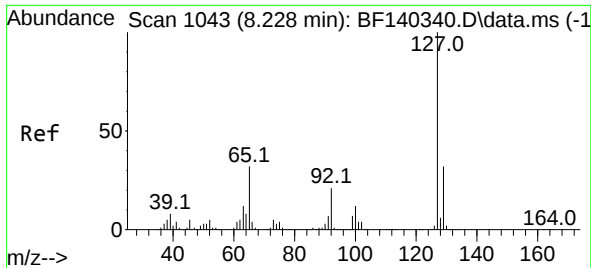
Ion Ratio Lower Upper

122 100

105 126.8 100.9 140.9

77 98.8 76.0 116.0

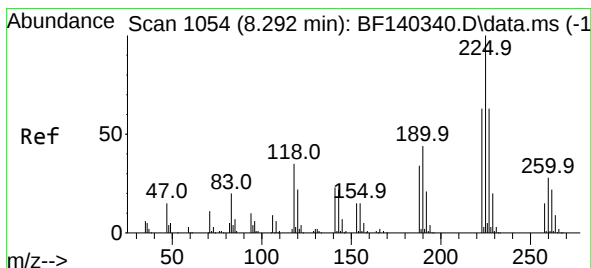
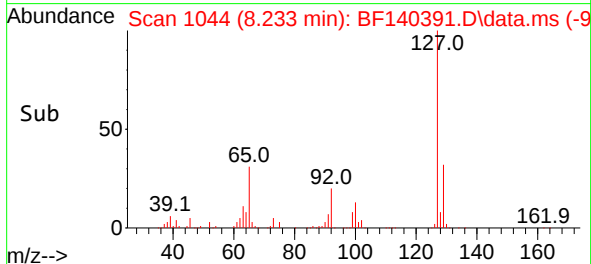
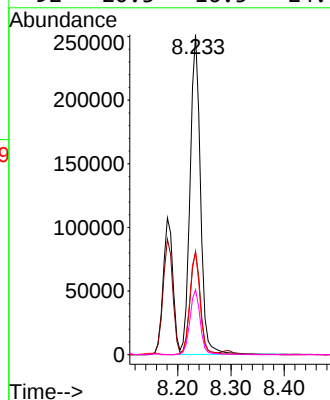
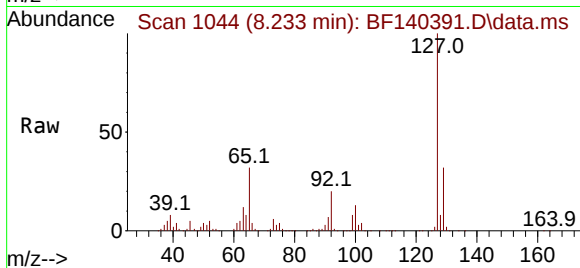




#33  
4-Chloroaniline  
Concen: 37.835 ng  
RT: 8.233 min Scan# 1044  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

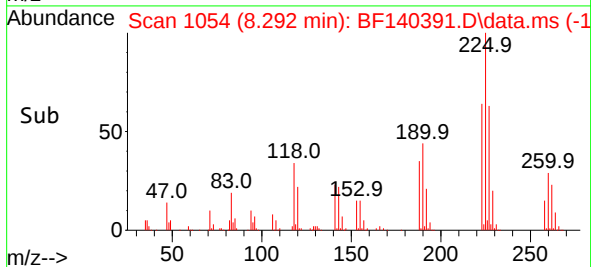
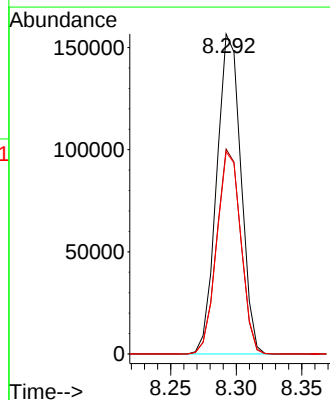
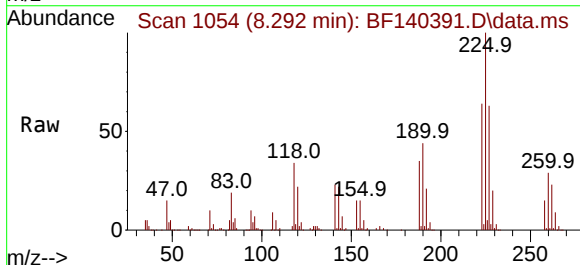
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

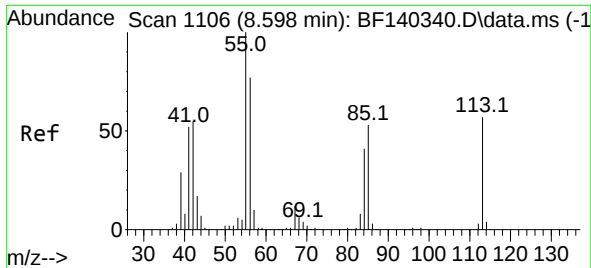
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 340749 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.3  | 26.2  | 39.4   |
| 65        | 32.0  | 25.8  | 38.6   |
| 92        | 20.3  | 16.5  | 24.7   |



#34  
Hexachlorobutadiene  
Concen: 39.511 ng  
RT: 8.292 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 200748 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.1  | 50.1  | 75.1   |
| 227       | 63.2  | 51.3  | 76.9   |

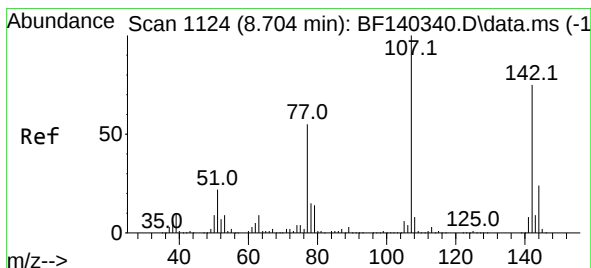
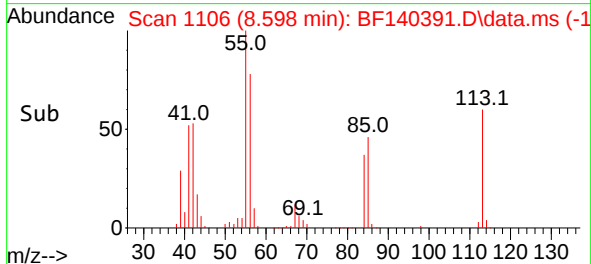
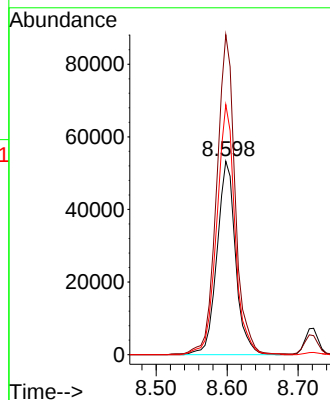
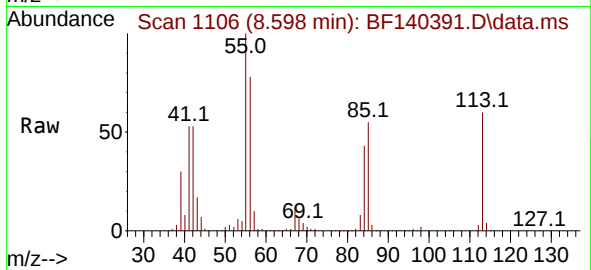




#35  
Caprolactam  
Concen: 40.419 ng  
RT: 8.598 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

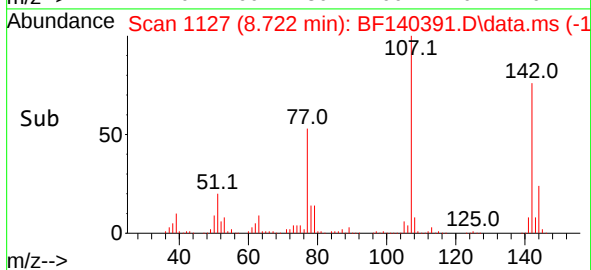
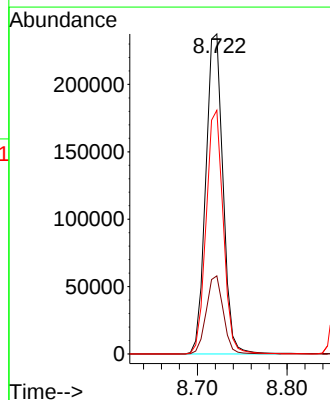
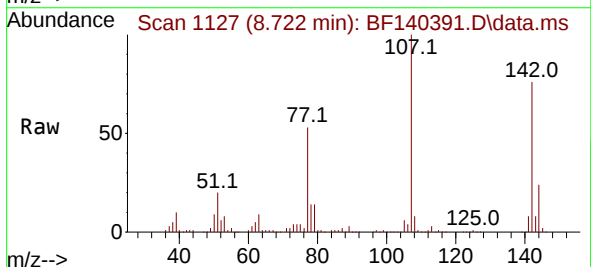
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

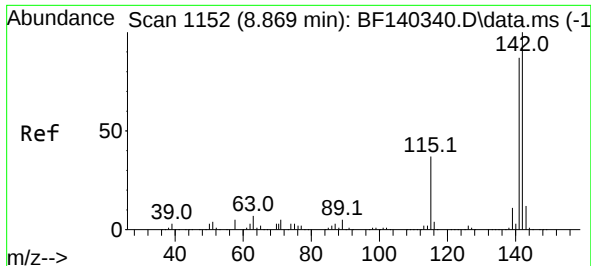
Tgt Ion:113 Resp: 96224  
Ion Ratio Lower Upper  
113 100  
55 165.4 150.0 190.0  
56 129.2 111.1 151.1



#36  
4-Chloro-3-methylphenol  
Concen: 39.894 ng  
RT: 8.722 min Scan# 1127  
Delta R.T. 0.018 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:107 Resp: 316665  
Ion Ratio Lower Upper  
107 100  
144 24.4 19.3 28.9  
142 76.2 59.4 89.0

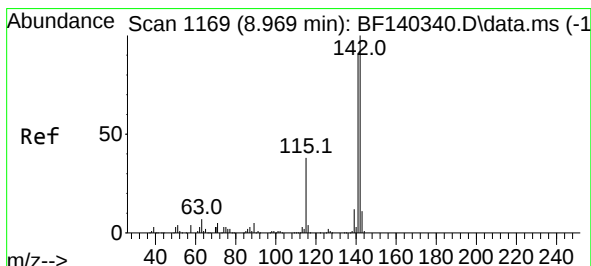
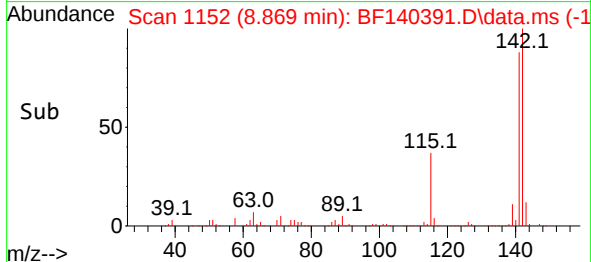
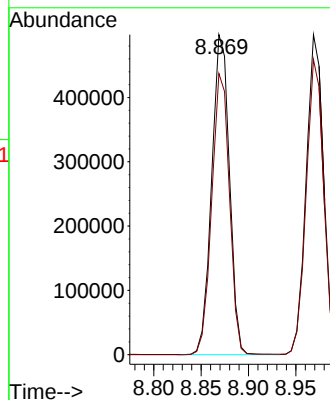
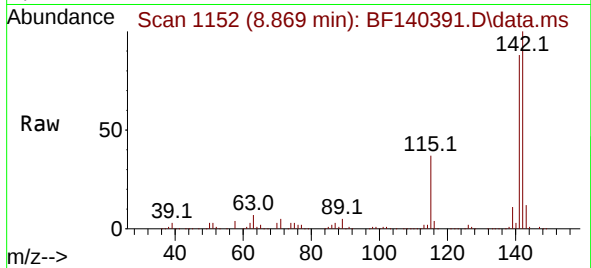




#37  
2-Methylnaphthalene  
Concen: 38.930 ng  
RT: 8.869 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

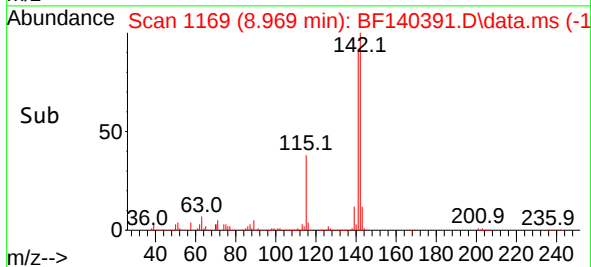
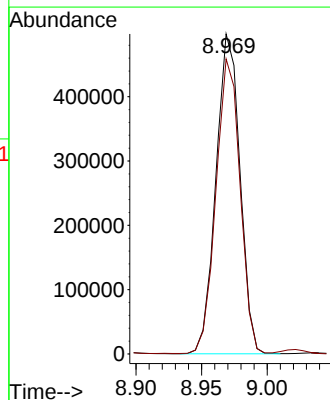
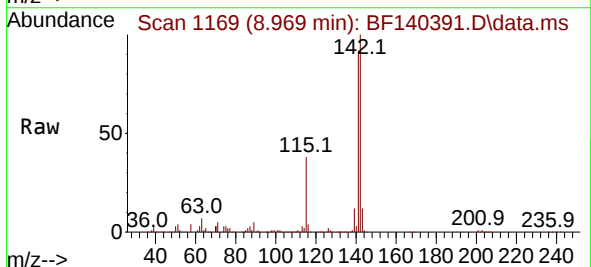
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

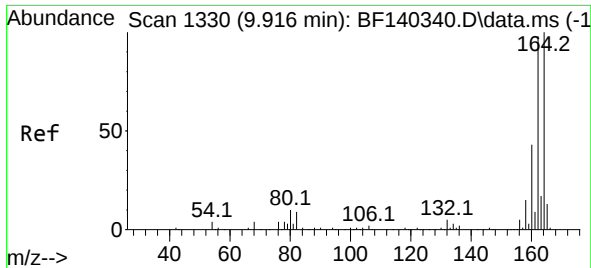
Tgt Ion:142 Resp: 646451  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 38.862 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:142 Resp: 631921  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.6 110.4

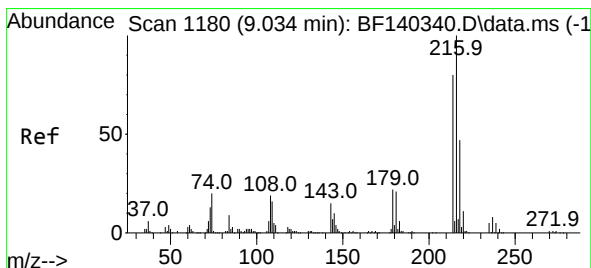
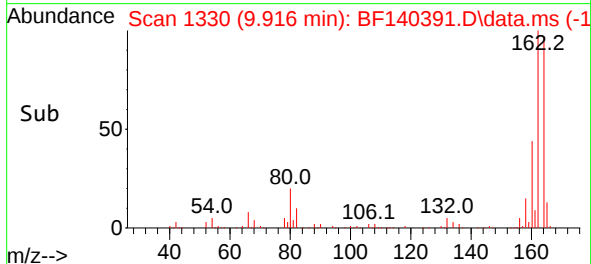
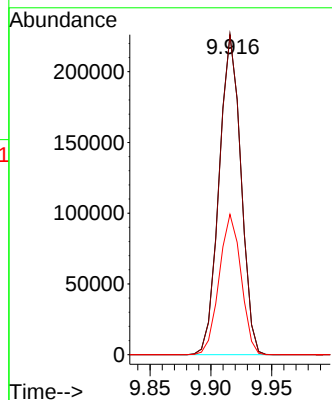
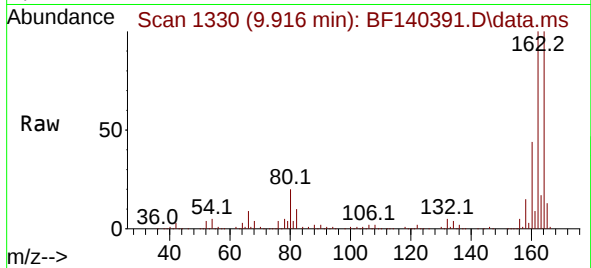




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

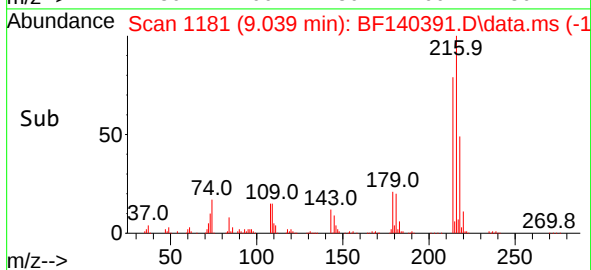
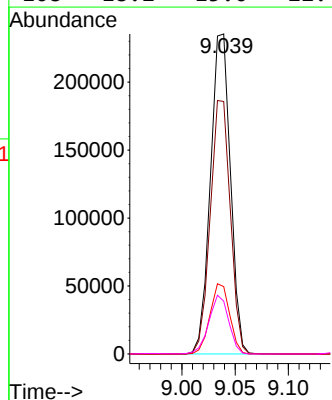
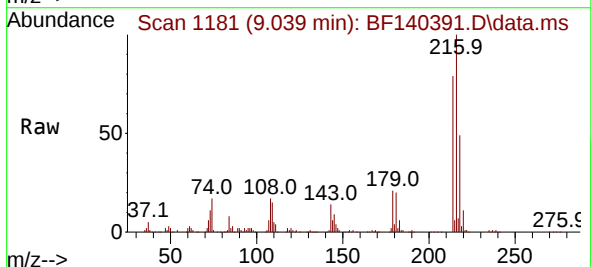
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BNA\_F  
ClientSampleId :  
SSTDCCC040

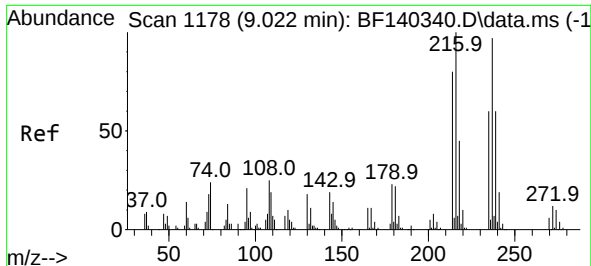
Tgt Ion:164 Resp: 282269  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.8 119.8  
160 43.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.453 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:216 Resp: 307958  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.2 94.8  
179 21.6 17.2 25.8  
108 18.2 15.0 22.4

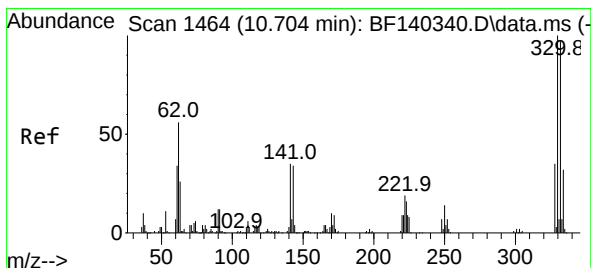
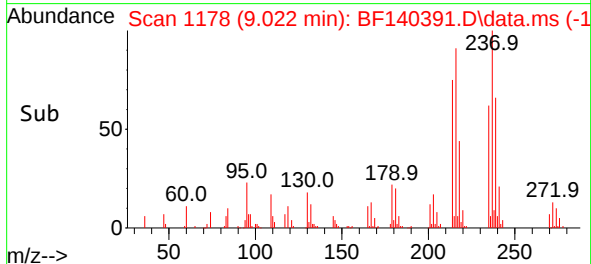
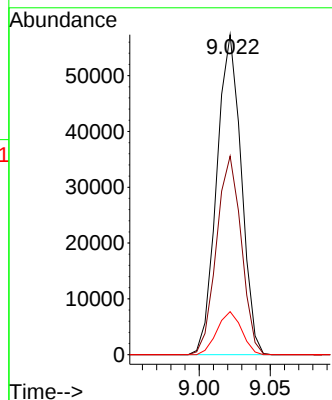
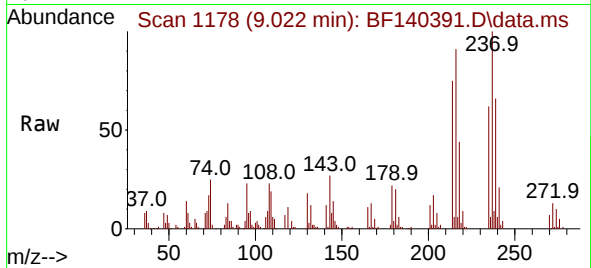




#41  
Hexachlorocyclopentadiene  
Concen: 34.325 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

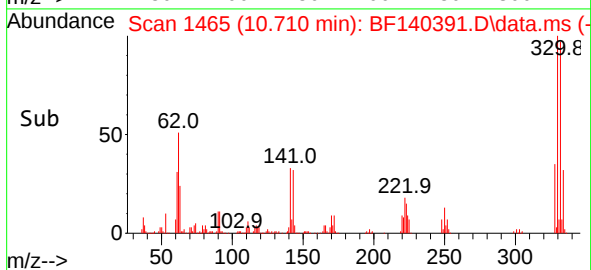
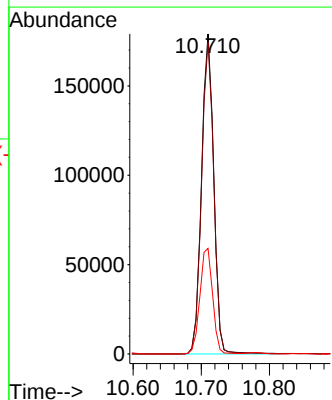
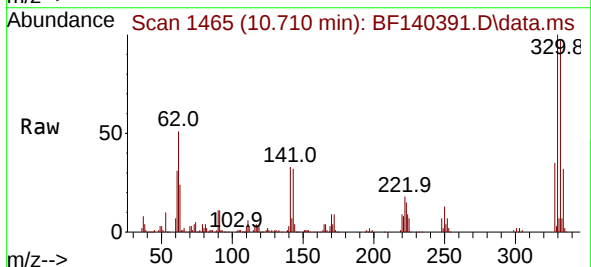
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

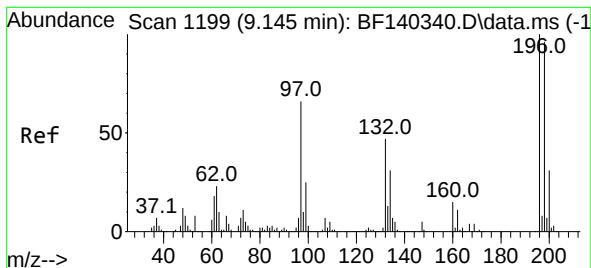
Tgt Ion: 237 Resp: 68792  
Ion Ratio Lower Upper  
237 100  
235 62.1 42.8 82.8  
272 13.4 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 79.624 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion: 330 Resp: 223500  
Ion Ratio Lower Upper  
330 100  
332 97.4 75.9 113.9  
141 34.3 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 40.512 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

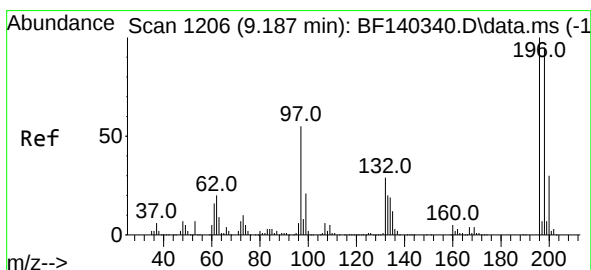
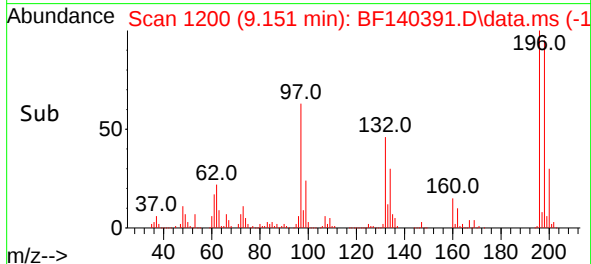
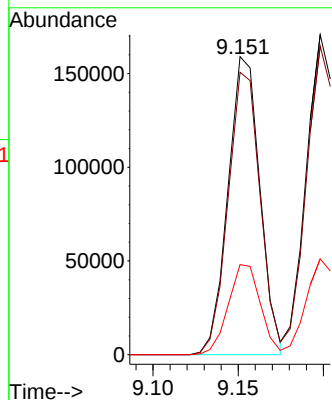
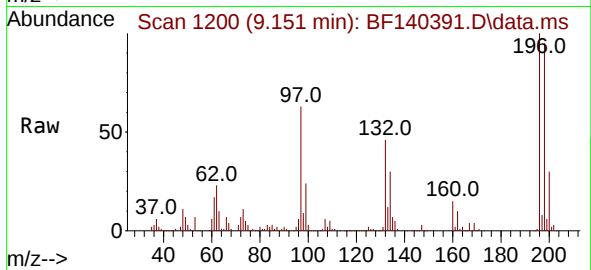
Tgt Ion:196 Resp: 207526

Ion Ratio Lower Upper

196 100

198 94.7 77.0 115.4

200 30.2 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 40.628 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Tgt Ion:196 Resp: 227545

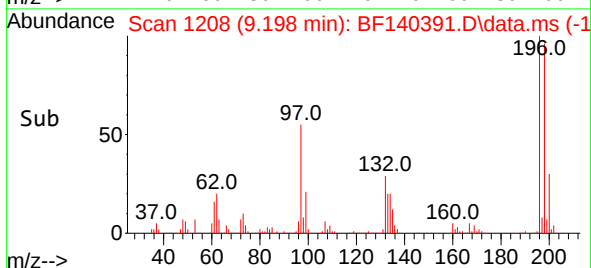
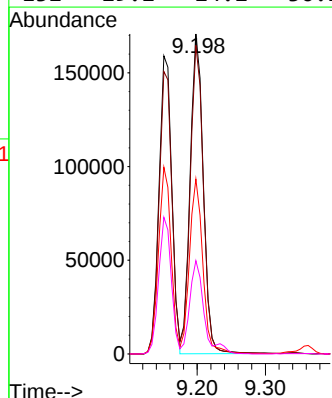
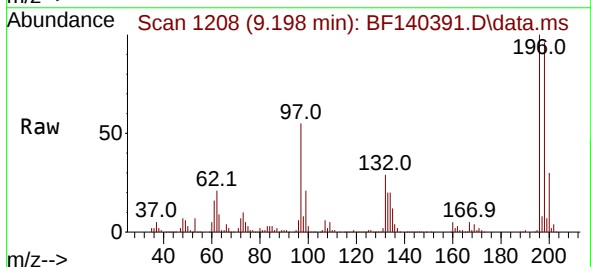
Ion Ratio Lower Upper

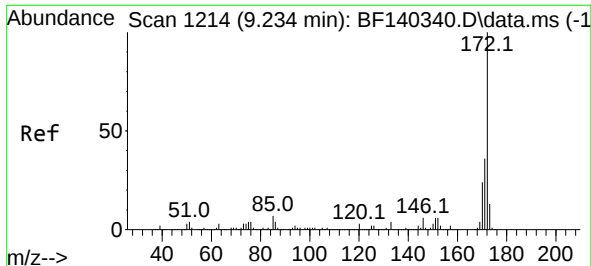
196 100

198 96.4 77.6 116.4

97 54.7 45.4 68.2

132 29.2 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 78.773 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

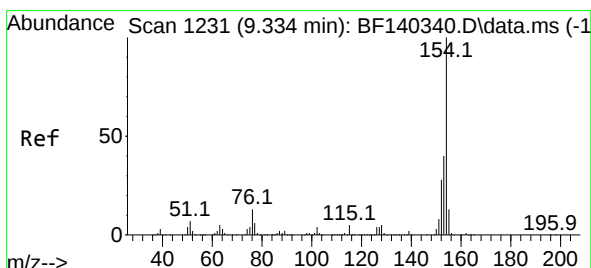
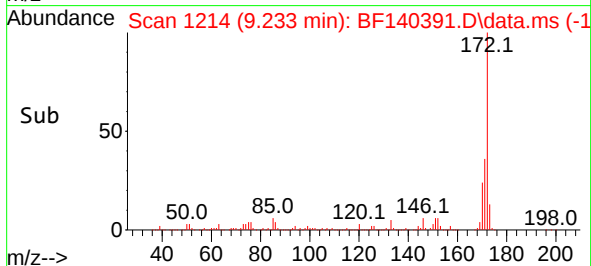
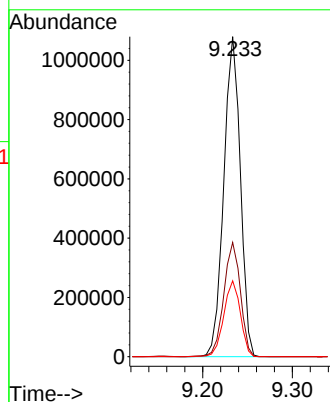
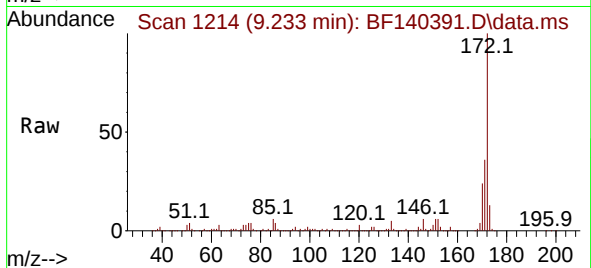
Tgt Ion:172 Resp: 1383177

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.522 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

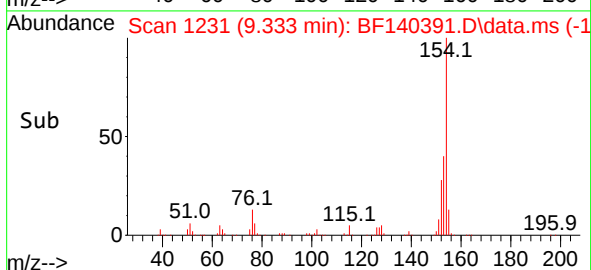
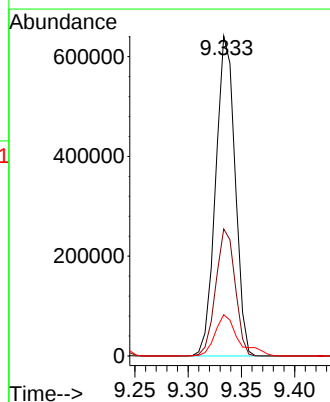
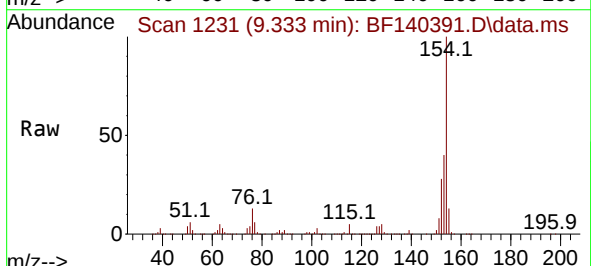
Tgt Ion:154 Resp: 811589

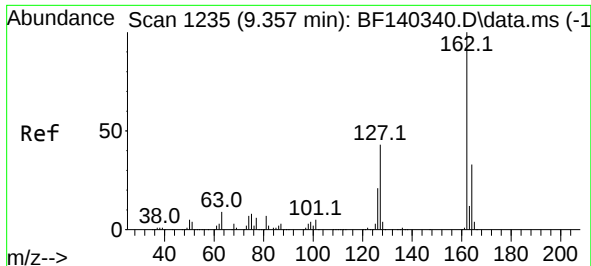
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 12.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.519 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

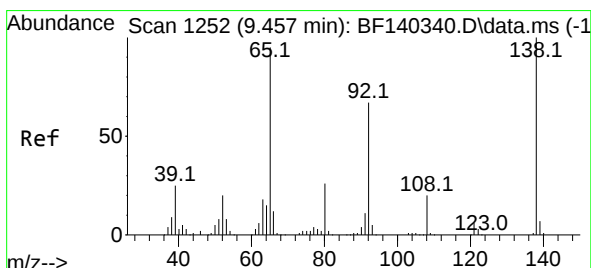
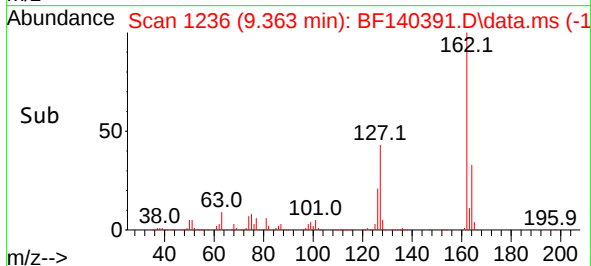
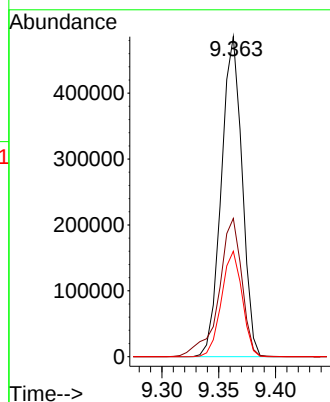
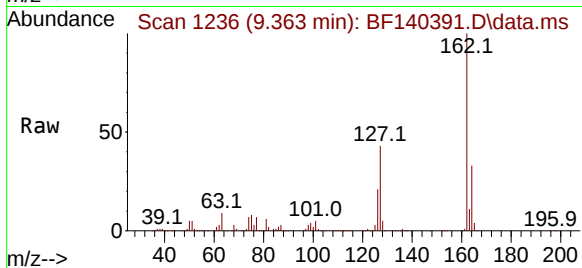
Tgt Ion:162 Resp: 618193

Ion Ratio Lower Upper

162 100

127 43.2 34.0 51.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 40.405 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

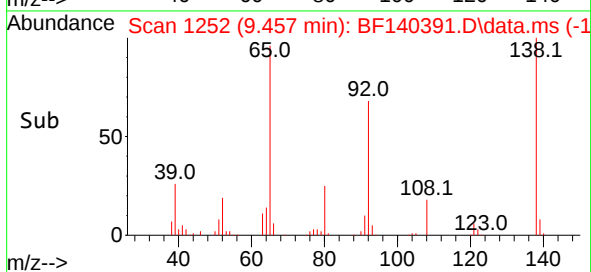
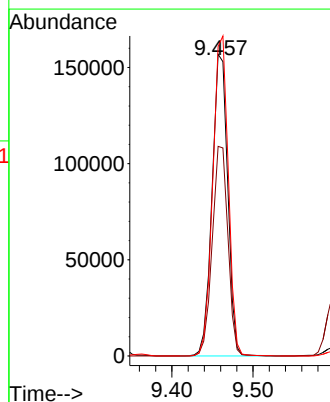
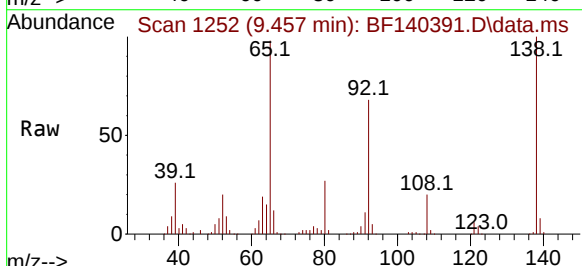
Tgt Ion: 65 Resp: 209611

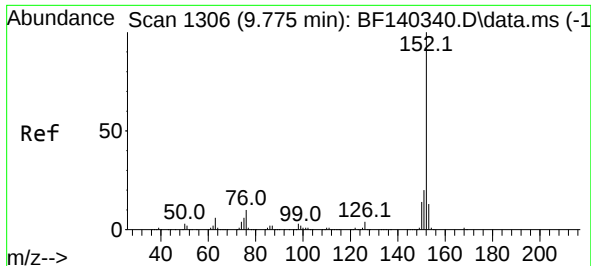
Ion Ratio Lower Upper

65 100

92 69.5 56.4 84.6

138 102.5 84.8 127.2





#49

Acenaphthylene

Concen: 39.992 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

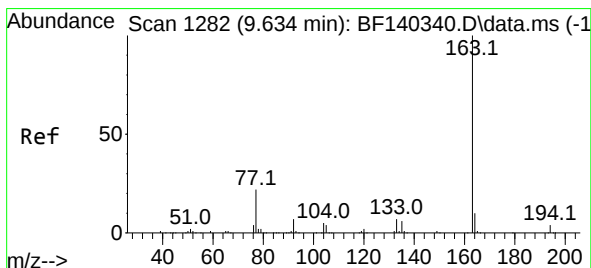
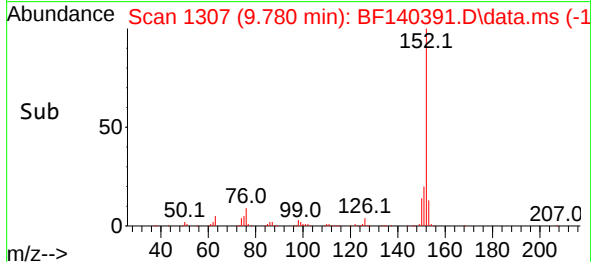
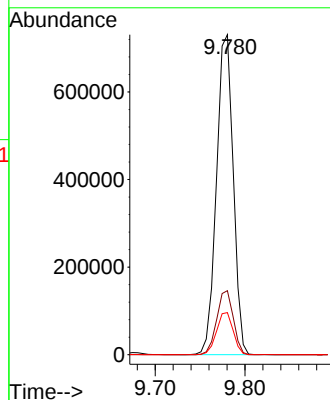
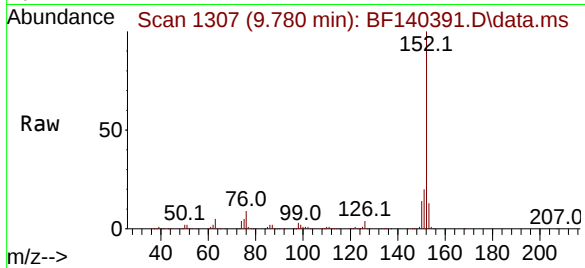
Tgt Ion:152 Resp: 946507

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 39.036 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

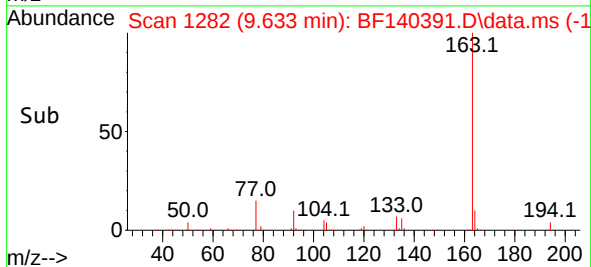
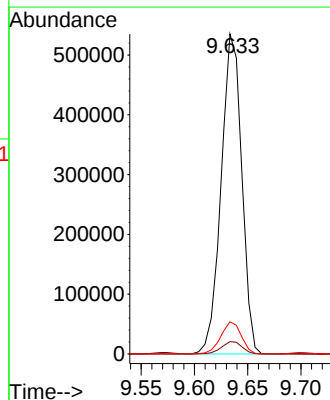
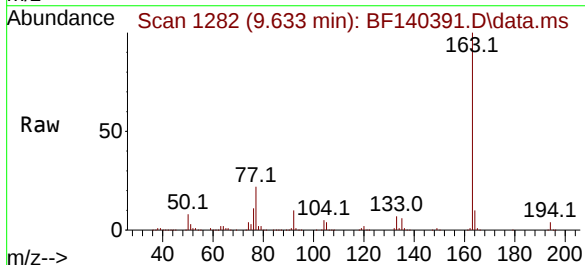
Tgt Ion:163 Resp: 718203

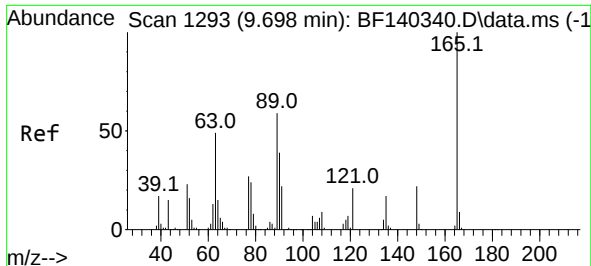
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.0 8.2 12.4

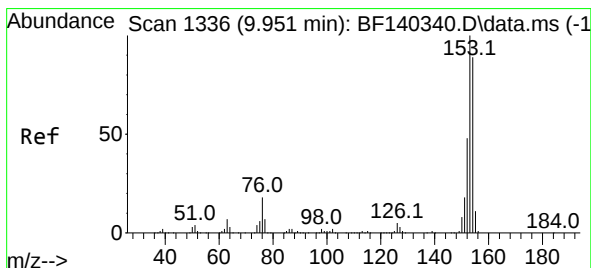
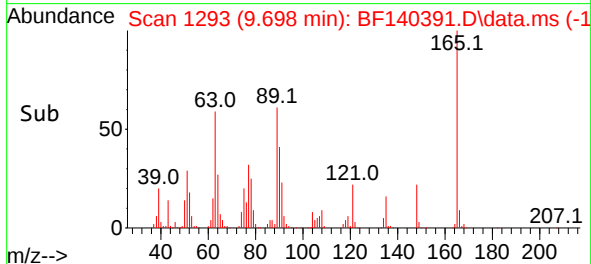
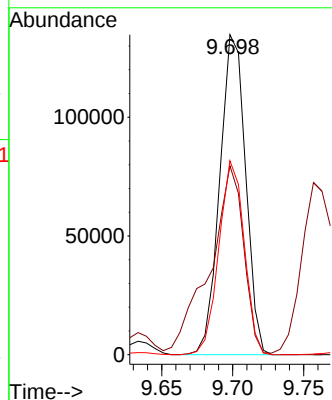
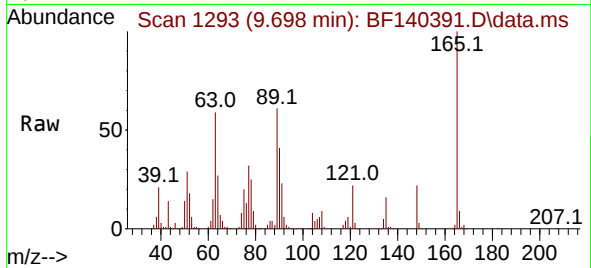




#51  
2,6-Dinitrotoluene  
Concen: 40.628 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

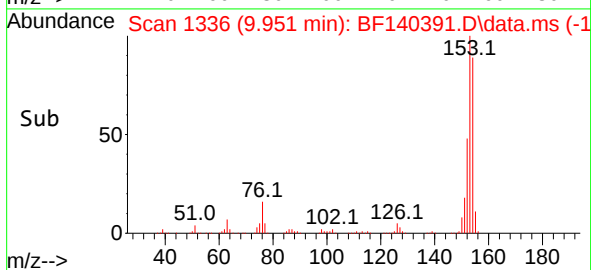
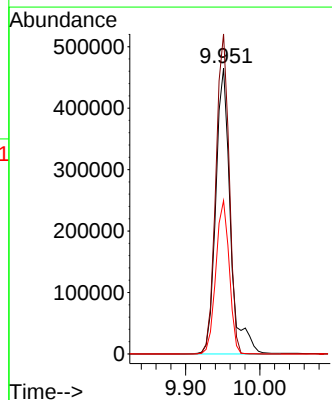
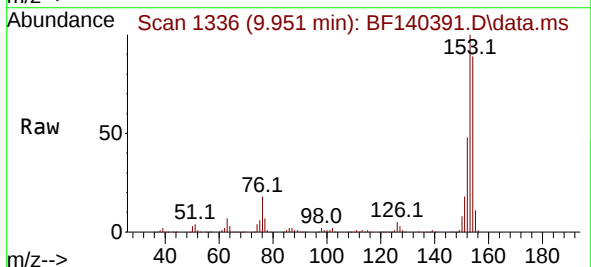
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

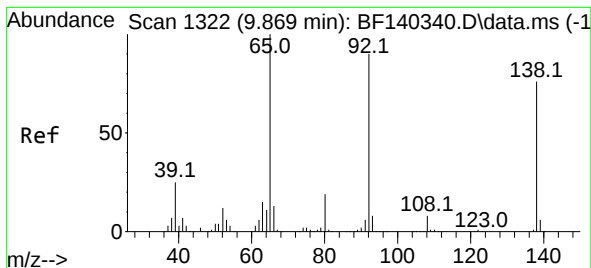
Tgt Ion:165 Resp: 170409  
Ion Ratio Lower Upper  
165 100  
63 59.0 47.6 71.4  
89 60.6 48.1 72.1



#52  
Acenaphthene  
Concen: 39.688 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:154 Resp: 634430  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.8 134.8  
152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 40.013 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

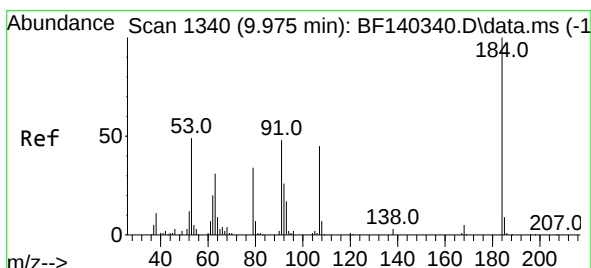
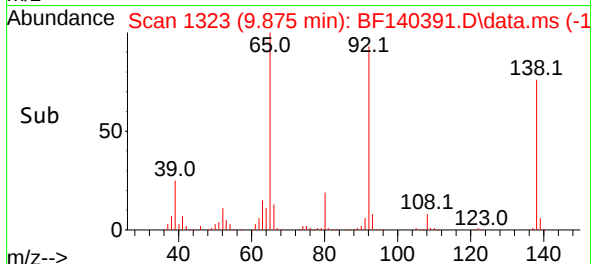
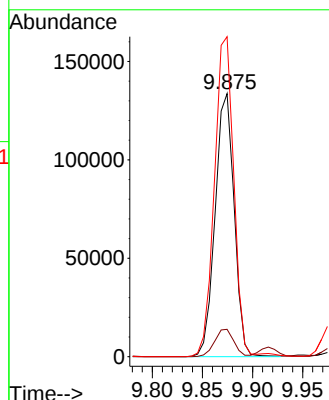
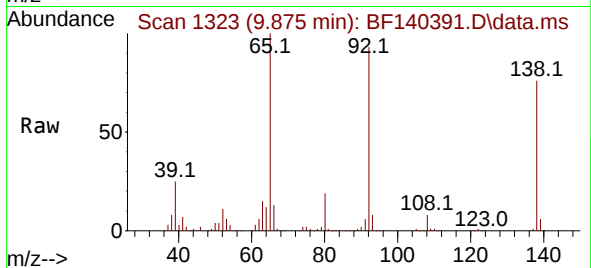
Tgt Ion:138 Resp: 176253

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

92 121.6 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 38.558 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

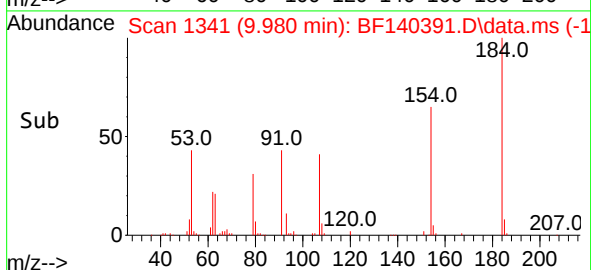
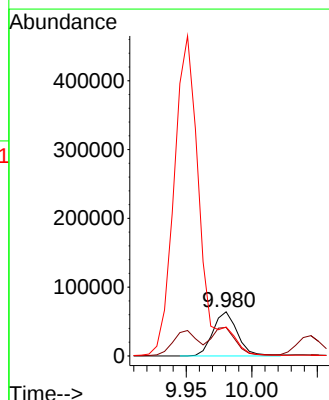
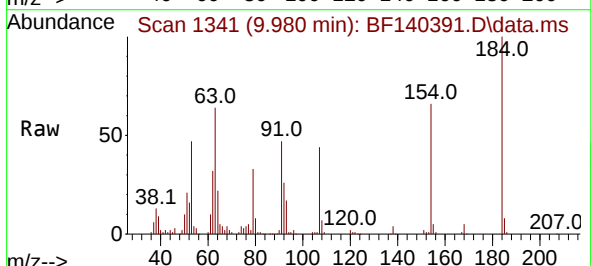
Tgt Ion:184 Resp: 83401

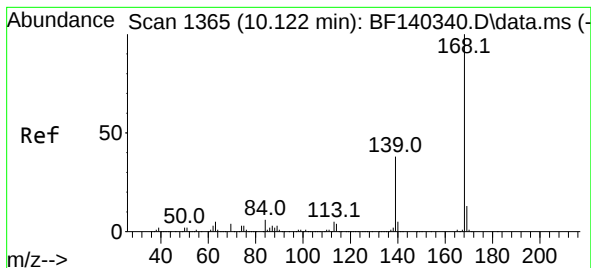
Ion Ratio Lower Upper

184 100

63 64.4 53.5 80.3

154 65.7 51.3 76.9





#55

Dibenzenofuran

Concen: 39.791 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

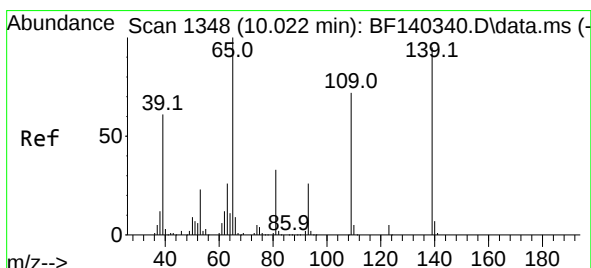
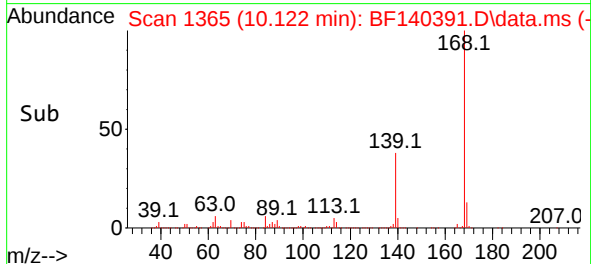
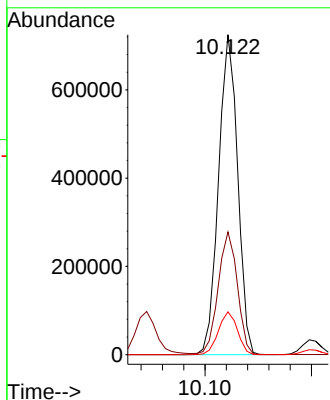
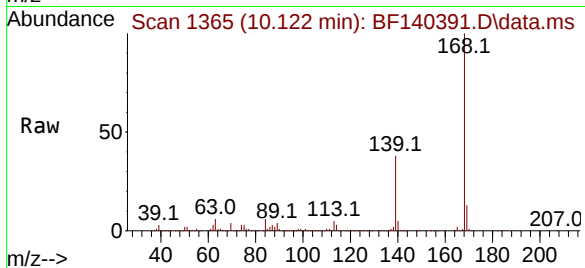
Tgt Ion:168 Resp: 900455

Ion Ratio Lower Upper

168 100

139 38.4 30.8 46.2

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 41.402 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.023 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

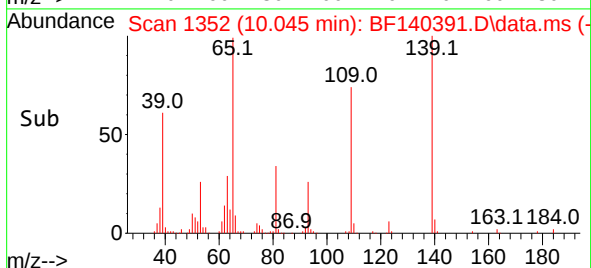
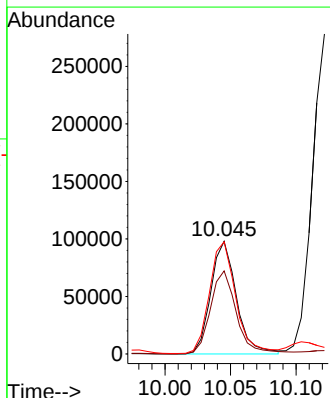
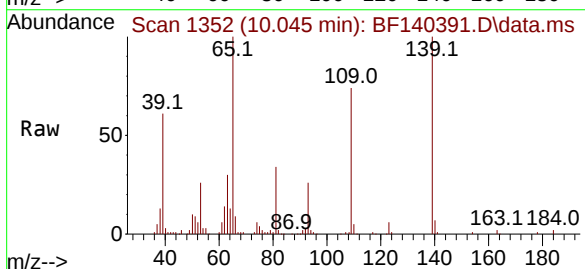
Tgt Ion:139 Resp: 133026

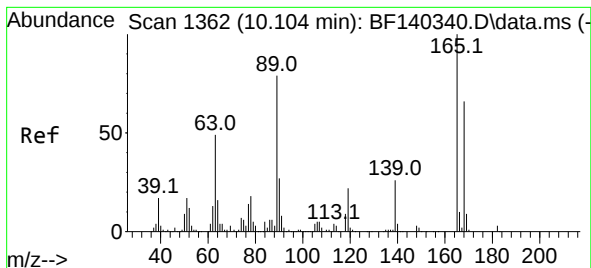
Ion Ratio Lower Upper

139 100

109 73.8 54.5 94.5

65 99.6 84.4 124.4

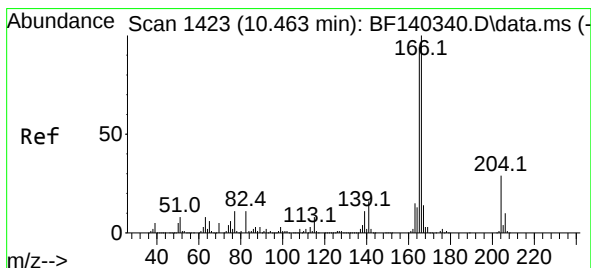
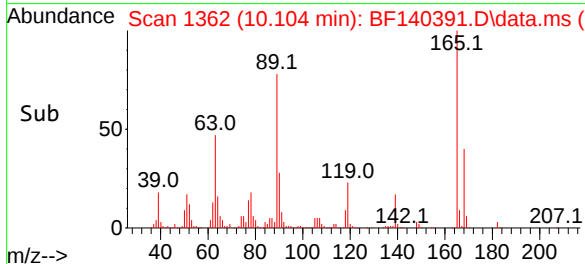
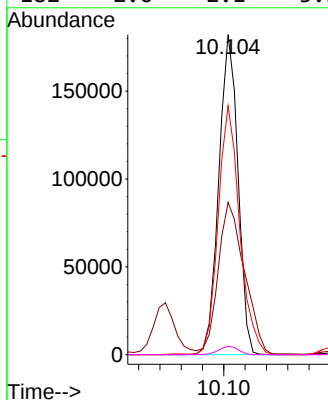
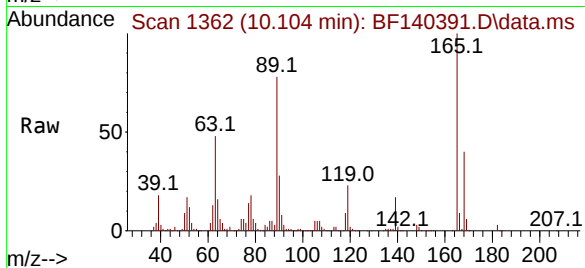




#57  
2,4-Dinitrotoluene  
Concen: 41.097 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

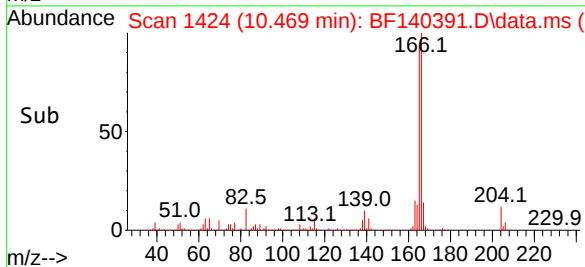
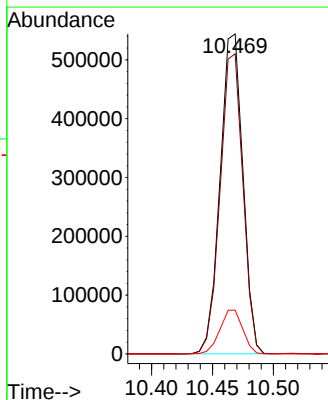
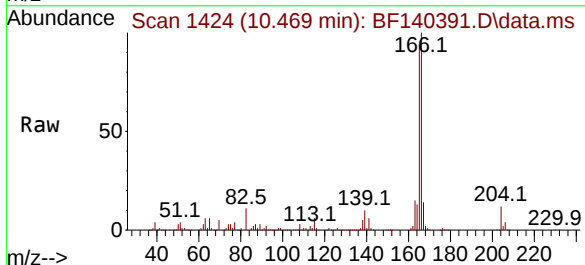
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

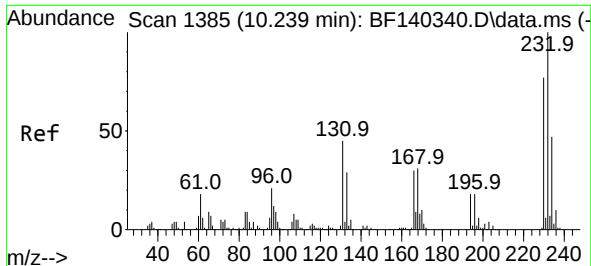
Tgt Ion:165 Resp: 226868  
Ion Ratio Lower Upper  
165 100  
63 47.6 39.4 59.0  
89 77.8 62.4 93.6  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 39.701 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:166 Resp: 709723  
Ion Ratio Lower Upper  
166 100  
165 93.8 73.9 110.9  
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.865 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 176290

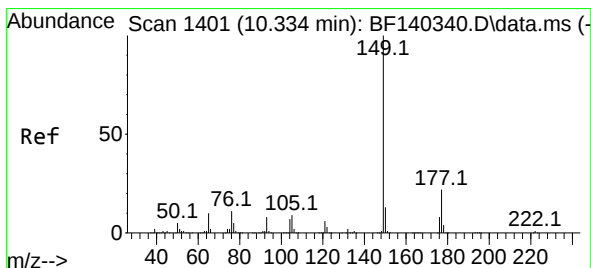
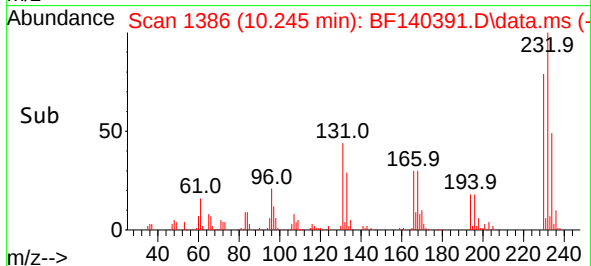
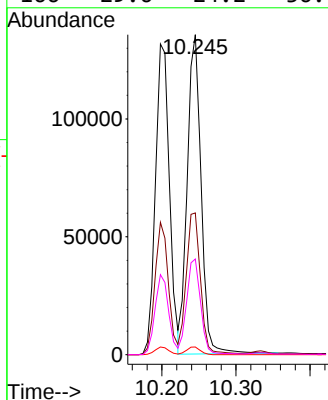
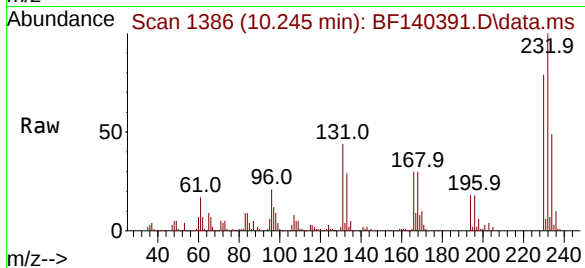
Ion Ratio Lower Upper

232 100

131 45.4 36.8 55.2

130 2.4 1.9 2.9

166 29.6 24.2 36.4



#60

Diethylphthalate

Concen: 38.764 ng

RT: 10.333 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

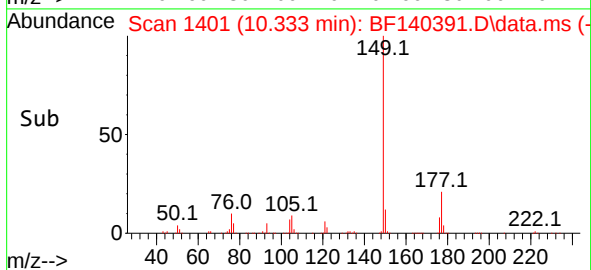
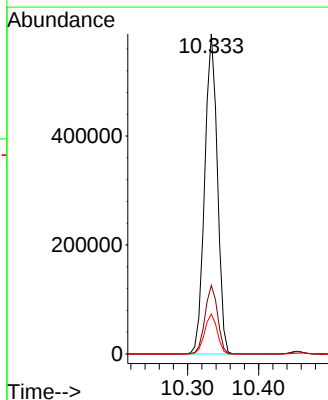
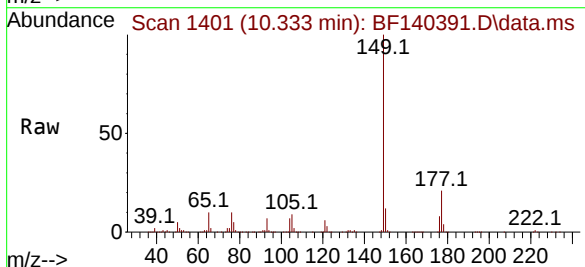
Tgt Ion:149 Resp: 729288

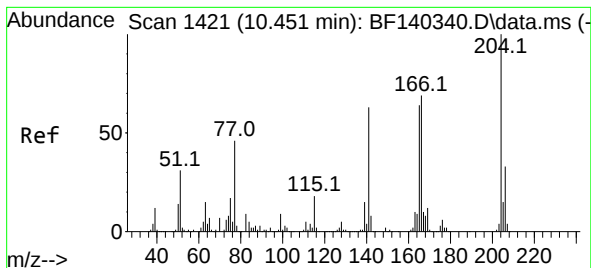
Ion Ratio Lower Upper

149 100

177 21.4 17.5 26.3

150 12.4 10.1 15.1

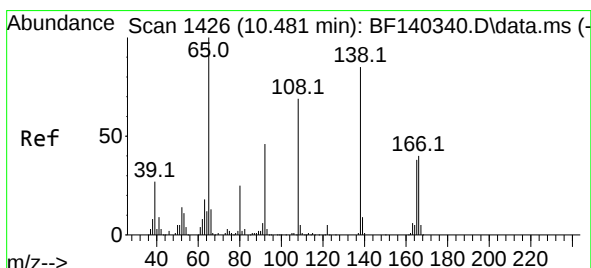
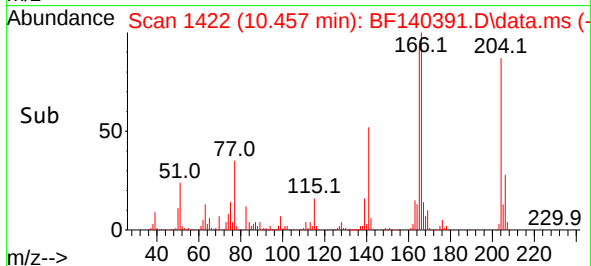
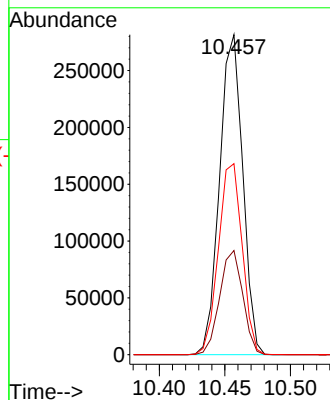
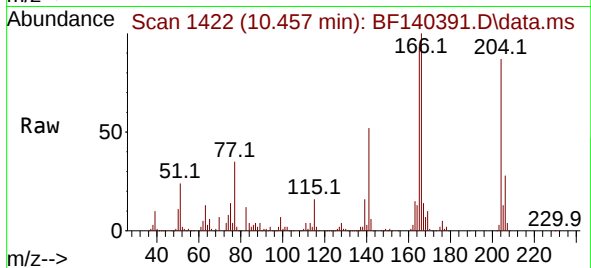




#61  
4-Chlorophenyl-phenylether  
Concen: 39.157 ng  
RT: 10.457 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

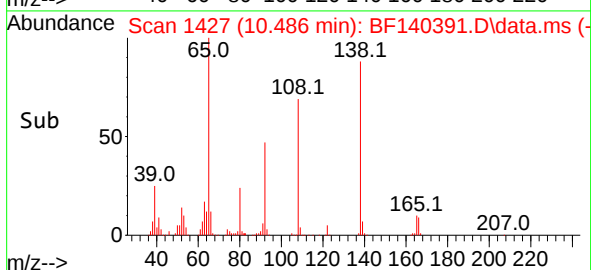
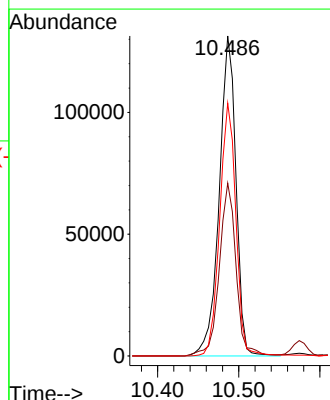
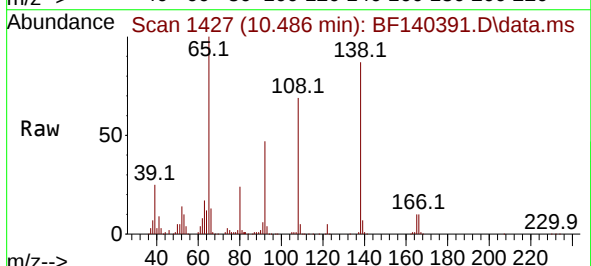
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

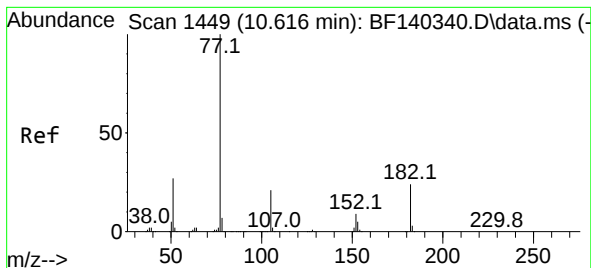
Tgt Ion:204 Resp: 345585  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.0 39.0  
141 59.7 49.8 74.8



#62  
4-Nitroaniline  
Concen: 41.970 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:138 Resp: 189032  
Ion Ratio Lower Upper  
138 100  
92 54.0 33.8 73.8  
108 79.0 59.9 99.9





#63

Azobenzene

Concen: 38.234 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 710719

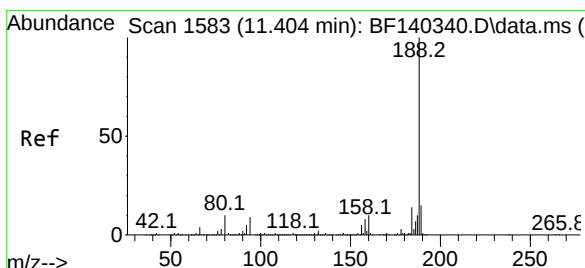
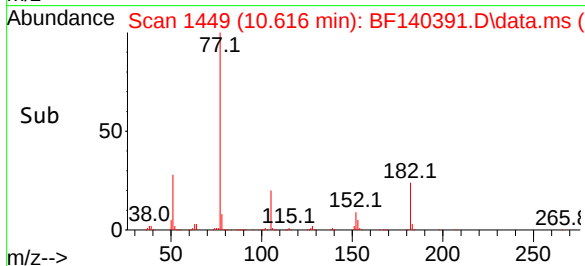
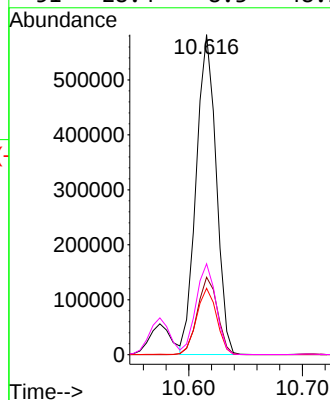
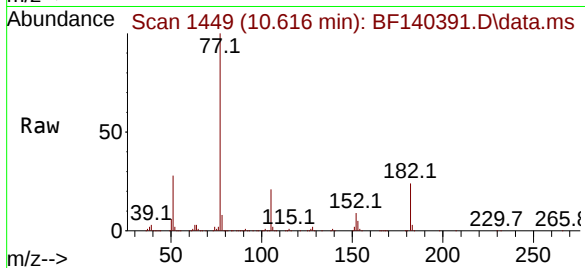
Ion Ratio Lower Upper

77 100

182 24.2 4.6 44.6

105 20.8 0.9 40.9

51 28.4 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

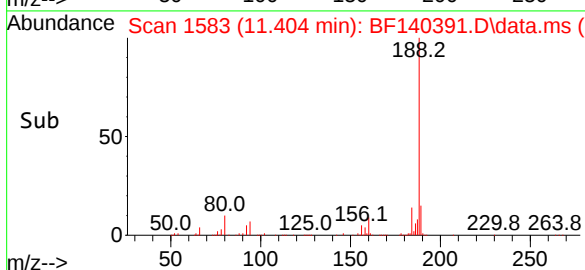
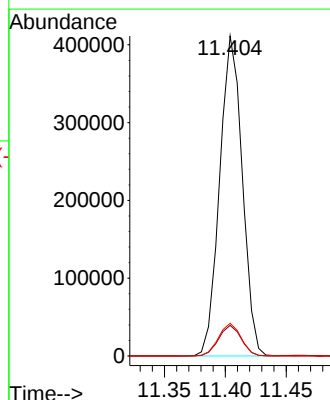
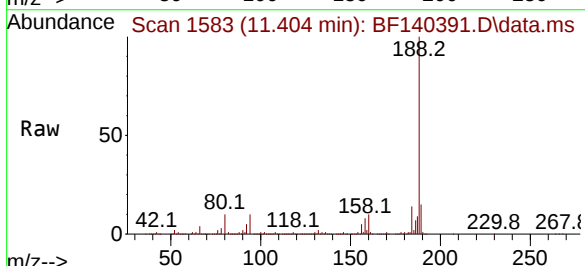
Tgt Ion: 188 Resp: 532450

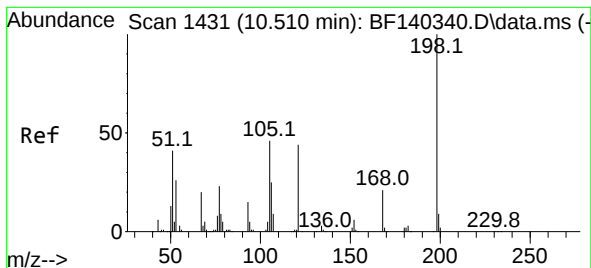
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.2 8.0 12.0

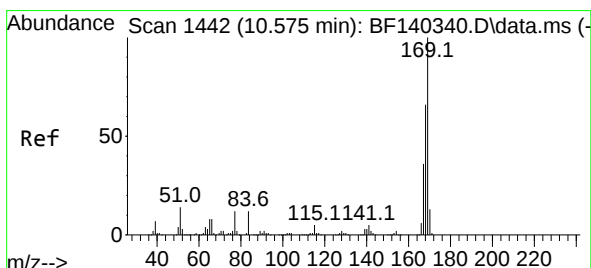
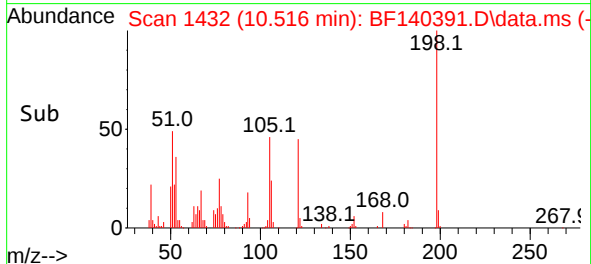
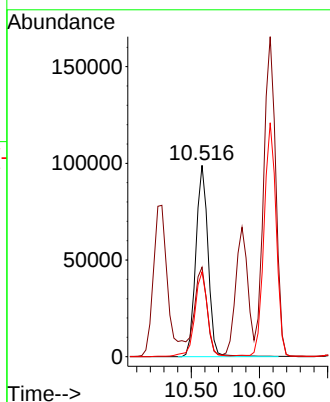
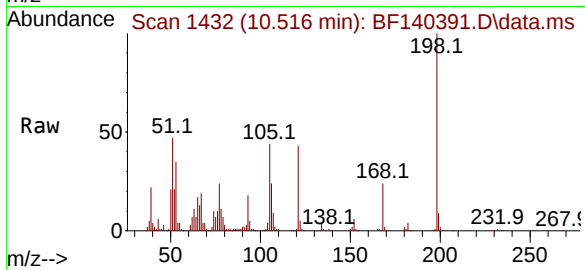




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.056 ng  
RT: 10.516 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

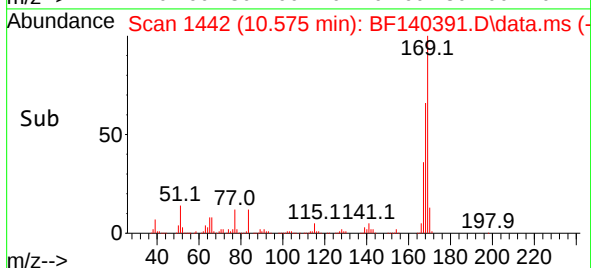
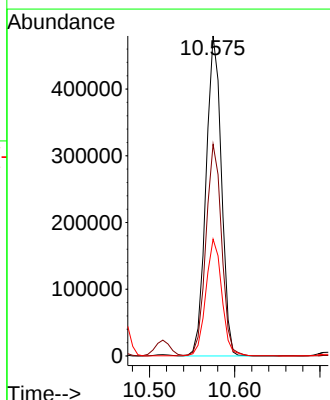
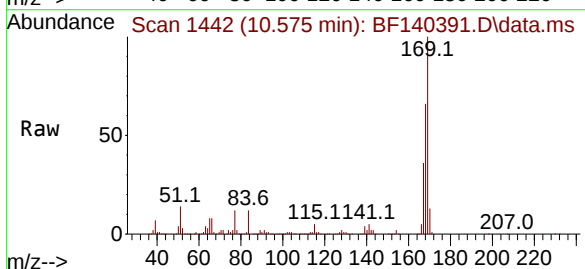
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

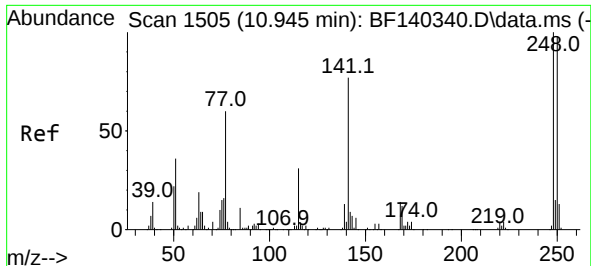
Tgt Ion:198 Resp: 123344  
Ion Ratio Lower Upper  
198 100  
51 46.8 29.7 69.7  
105 44.3 26.3 66.3



#66  
n-Nitrosodiphenylamine  
Concen: 39.191 ng  
RT: 10.575 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:169 Resp: 602930  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.7 79.1  
167 36.5 29.3 43.9

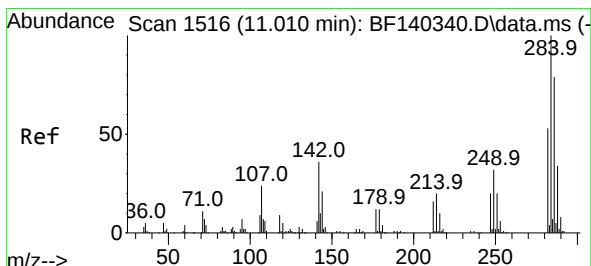
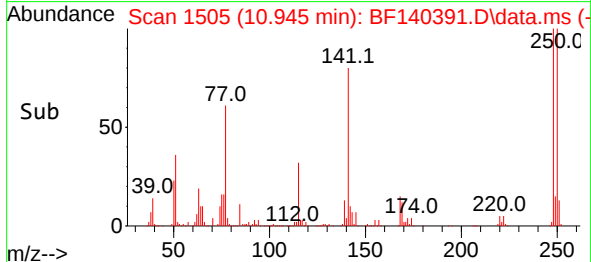
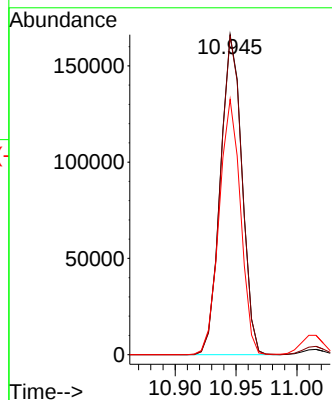
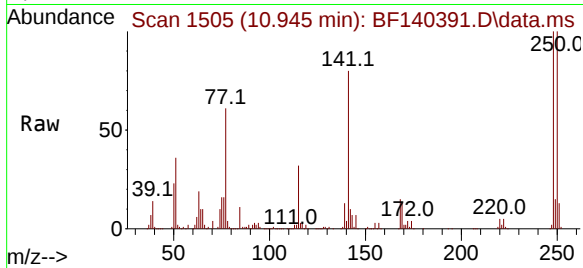




#67  
4-Bromophenyl-phenylether  
Concen: 38.522 ng  
RT: 10.945 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

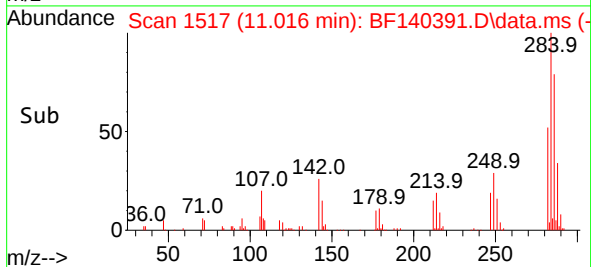
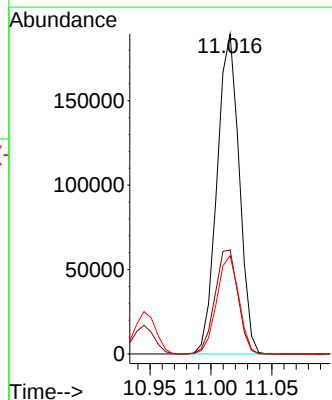
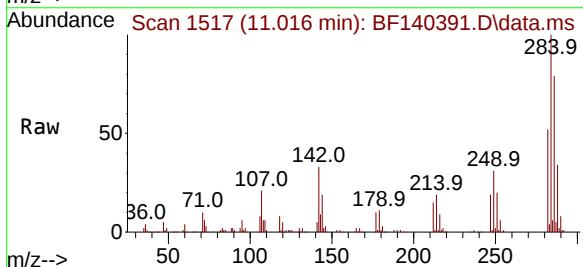
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

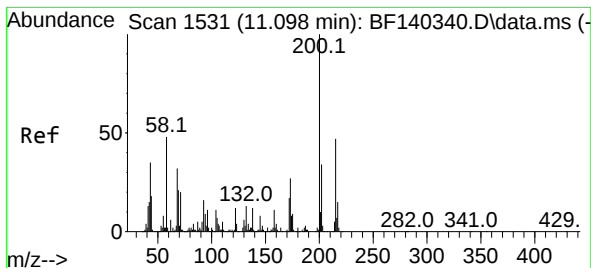
Tgt Ion:248 Resp: 205033  
Ion Ratio Lower Upper  
248 100  
250 99.5 77.9 116.9  
141 79.8 61.8 92.6



#68  
Hexachlorobenzene  
Concen: 40.062 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:284 Resp: 239911  
Ion Ratio Lower Upper  
284 100  
142 32.5 28.1 42.1  
249 30.7 24.9 37.3





#69

Atrazine

Concen: 35.563 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

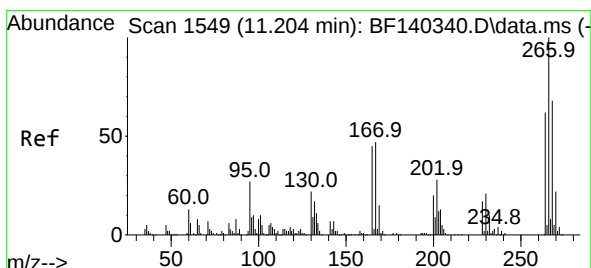
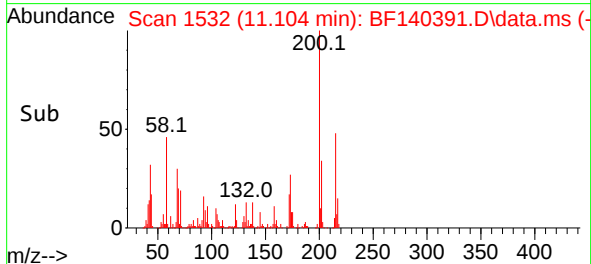
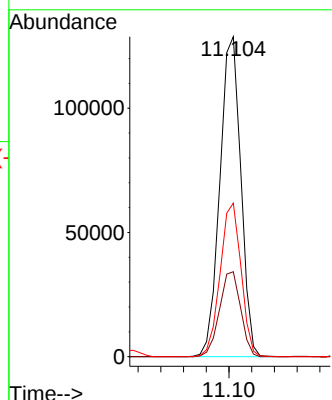
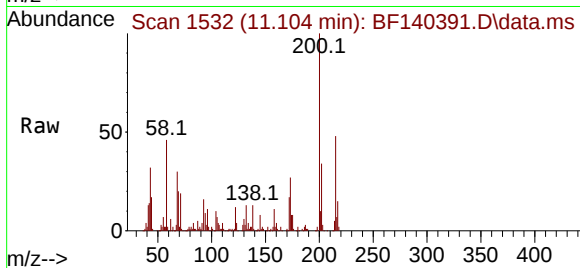
Tgt Ion:200 Resp: 165528

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 48.0 27.2 67.2



#70

Pentachlorophenol

Concen: 38.777 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

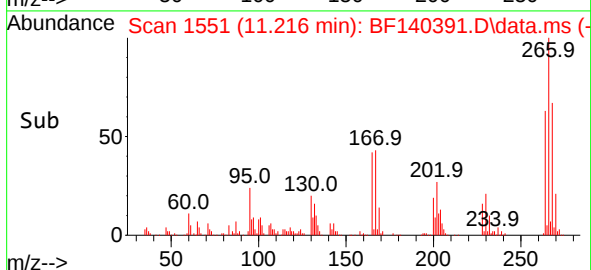
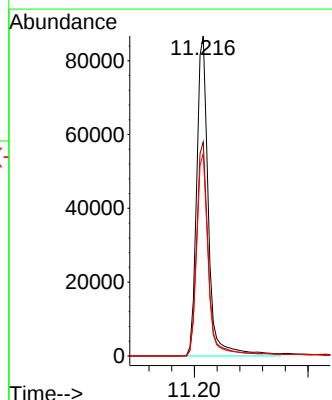
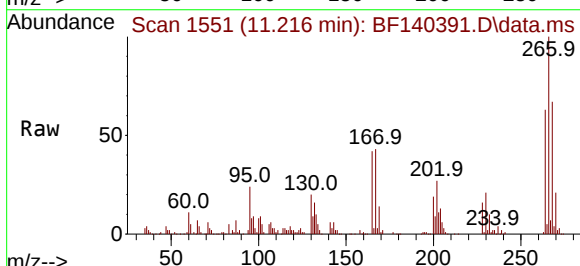
Tgt Ion:266 Resp: 125086

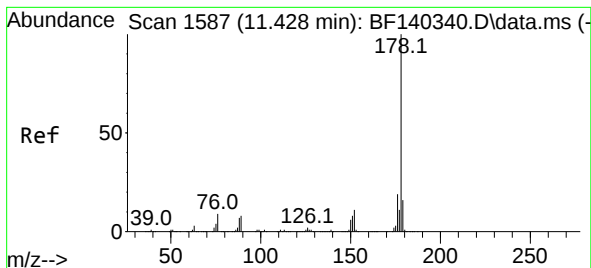
Ion Ratio Lower Upper

266 100

268 66.8 52.9 79.3

264 63.2 50.3 75.5





#71

Phenanthrene

Concen: 38.941 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

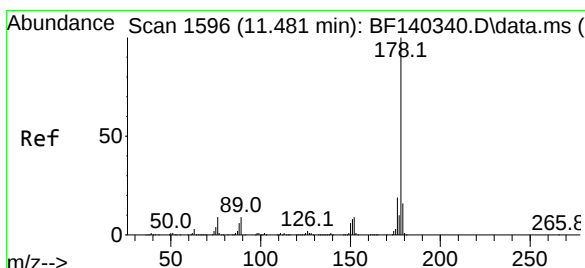
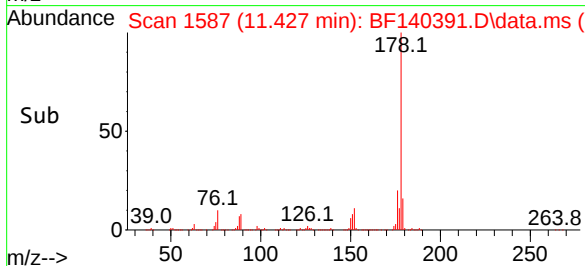
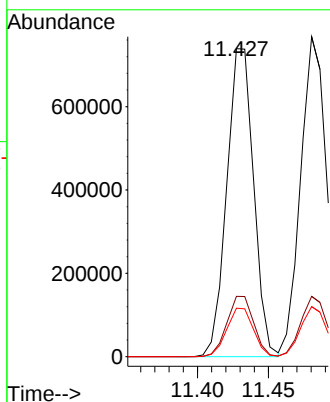
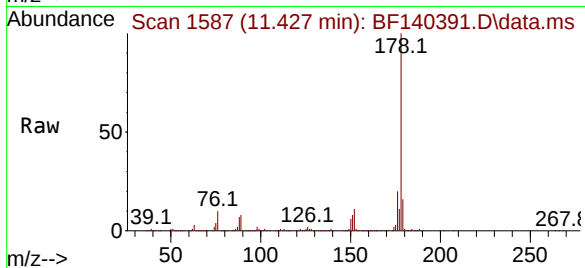
Tgt Ion:178 Resp: 973993

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 39.701 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

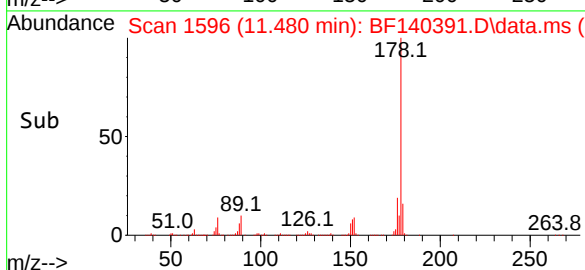
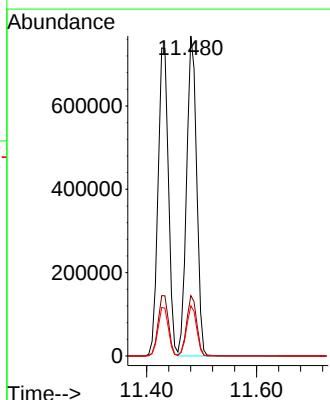
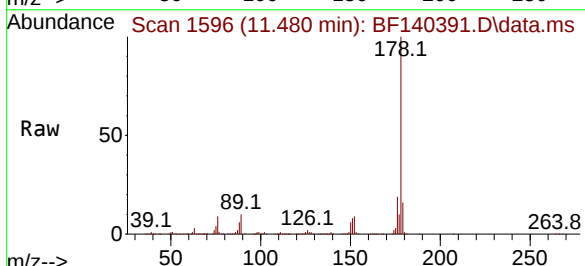
Tgt Ion:178 Resp: 973208

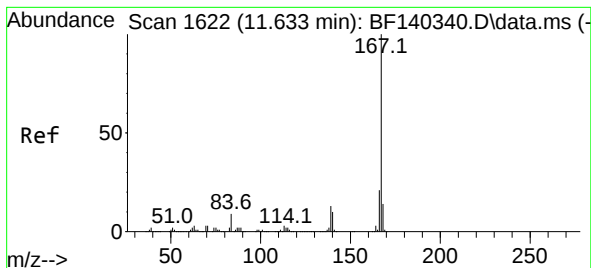
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.471 ng

RT: 11.639 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

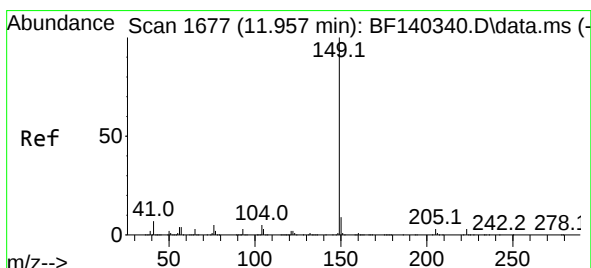
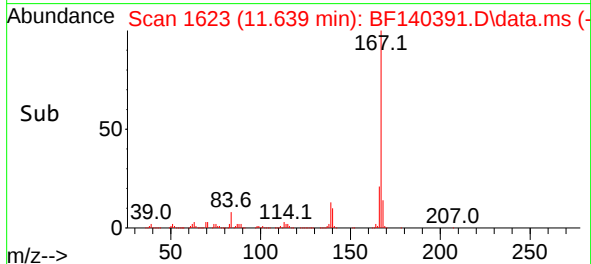
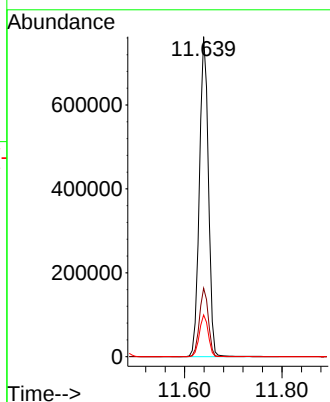
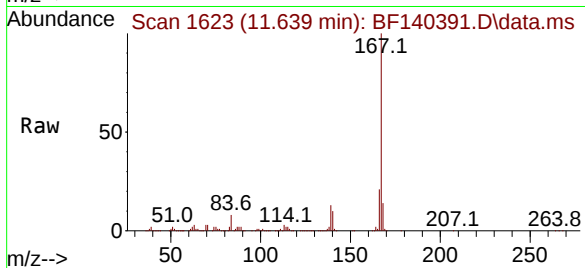
Tgt Ion:167 Resp: 979587

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 37.669 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

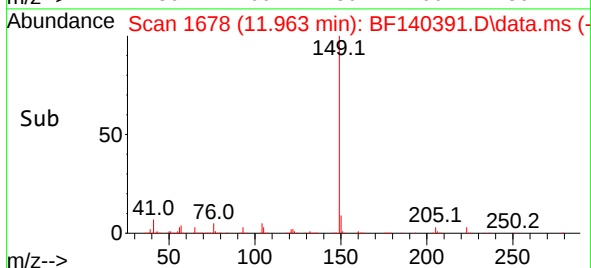
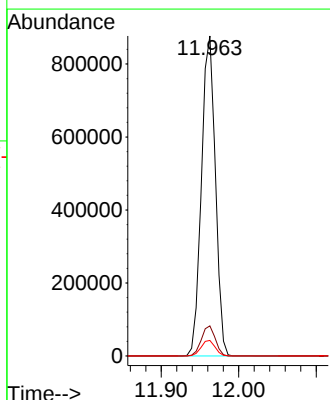
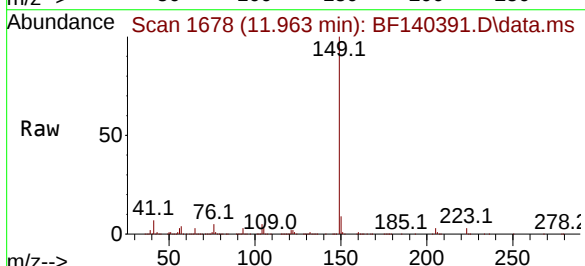
Tgt Ion:149 Resp: 1094325

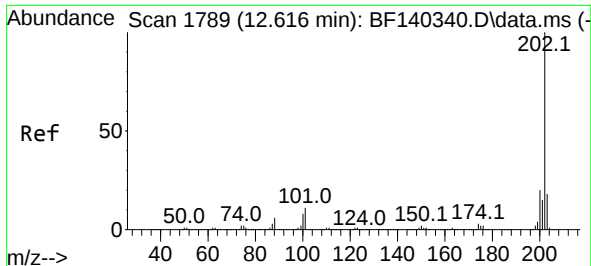
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 4.0 6.0

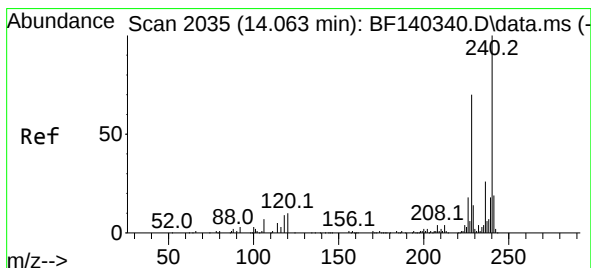
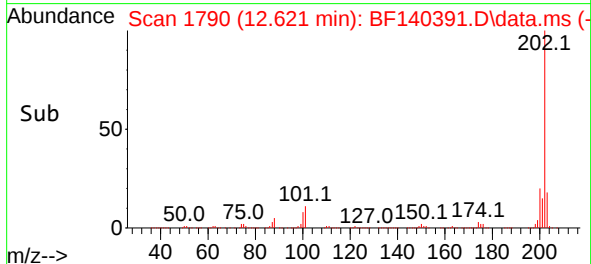
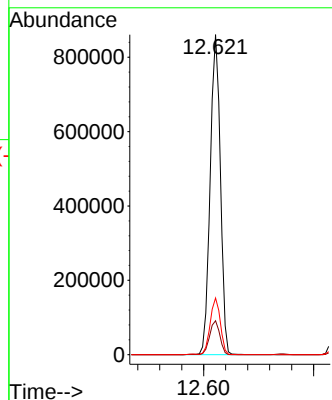
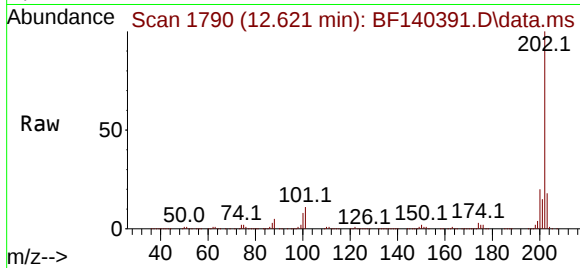




#75  
Fluoranthene  
Concen: 39.437 ng  
RT: 12.621 min Scan# 1790  
Delta R.T. 0.006 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

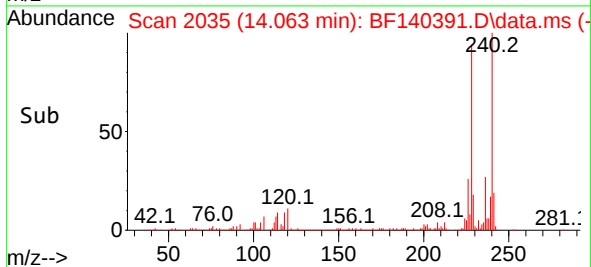
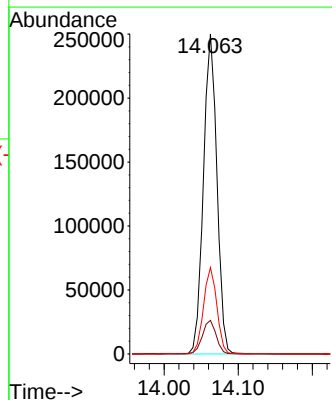
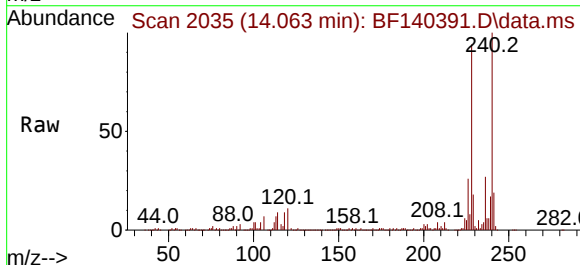
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

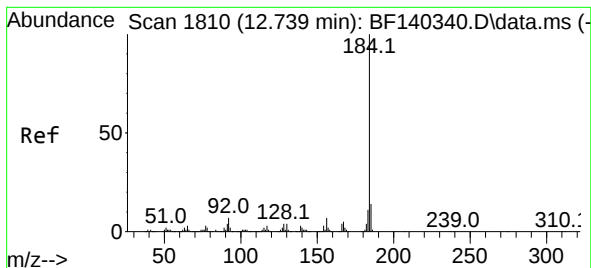
Tgt Ion:202 Resp: 1106665  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.7  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2035  
Delta R.T. 0.012 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:240 Resp: 316907  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.8 13.2  
236 27.0 20.9 31.3





#77

Benzidine

Concen: 34.306 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

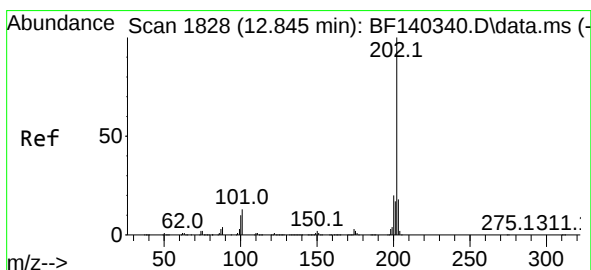
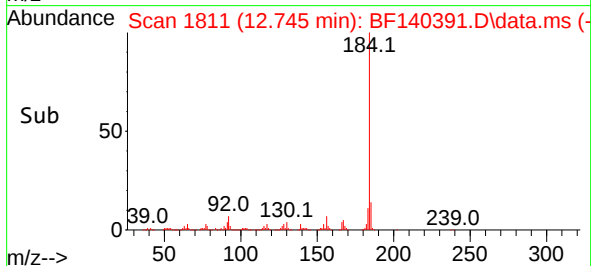
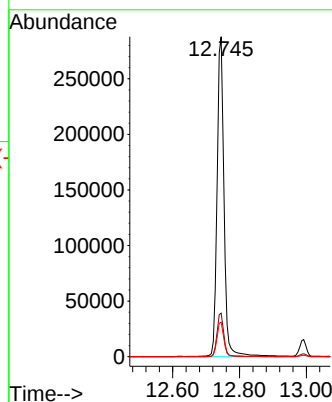
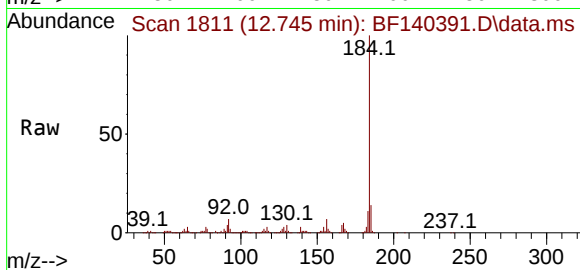
Tgt Ion:184 Resp: 417263

Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

183 10.8 8.6 13.0



#78

Pyrene

Concen: 41.863 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

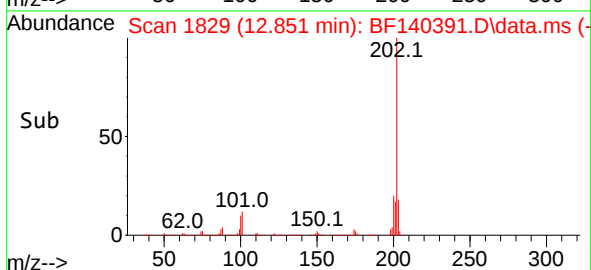
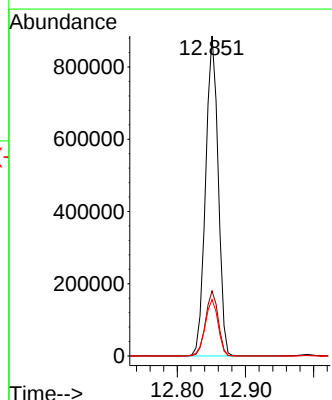
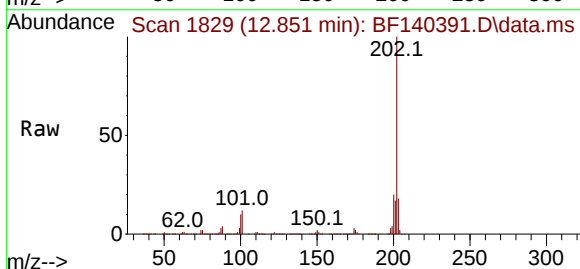
Tgt Ion:202 Resp: 1134803

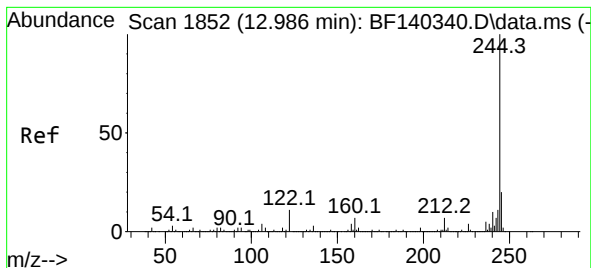
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 80.383 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

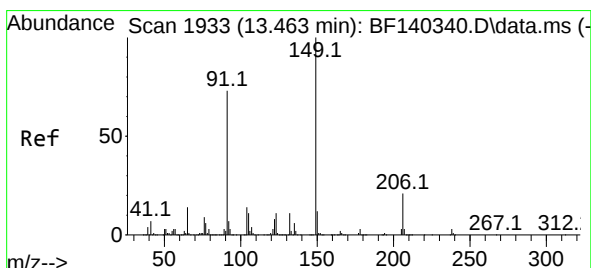
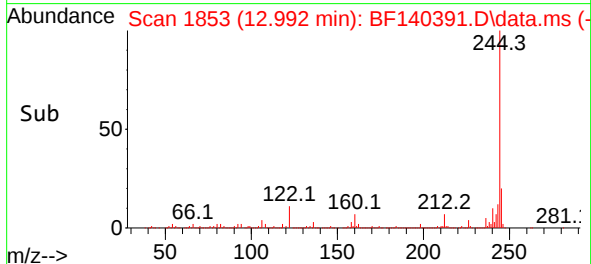
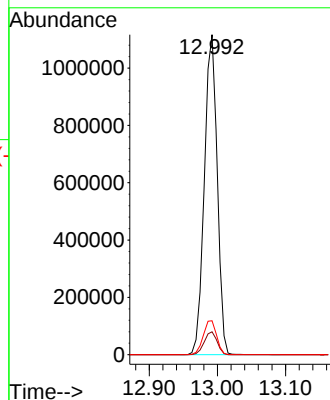
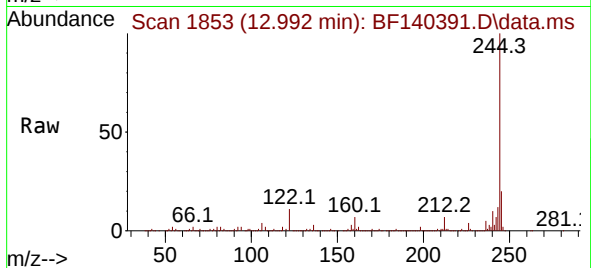
Tgt Ion:244 Resp: 1467568

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 41.087 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

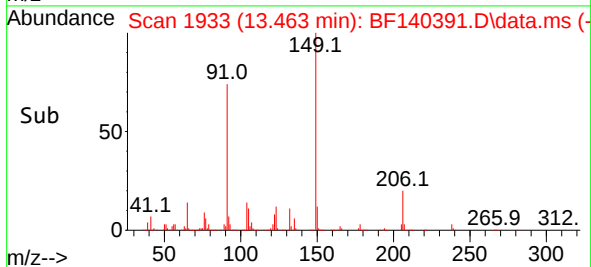
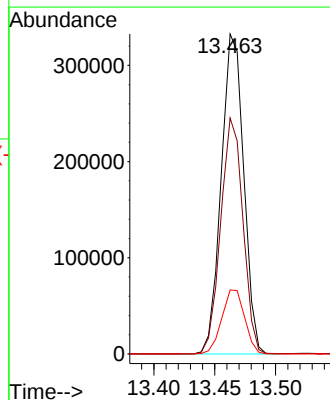
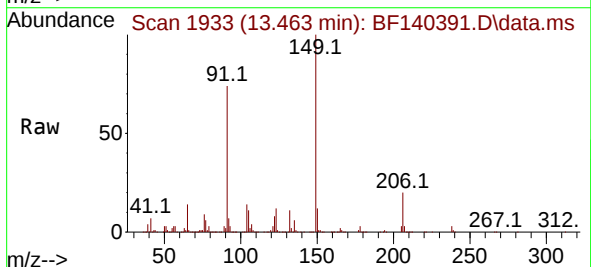
Tgt Ion:149 Resp: 427850

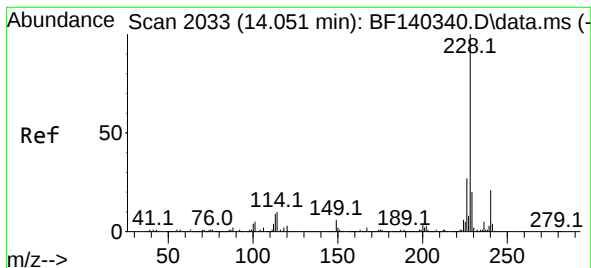
Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

206 20.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 38.916 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

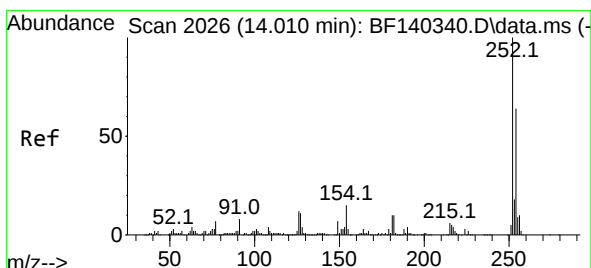
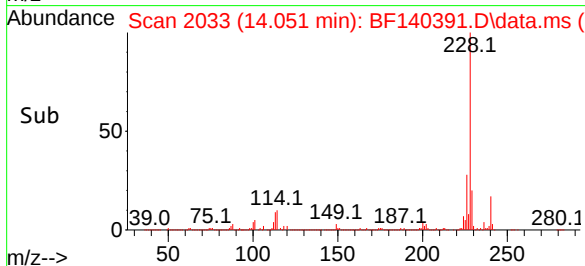
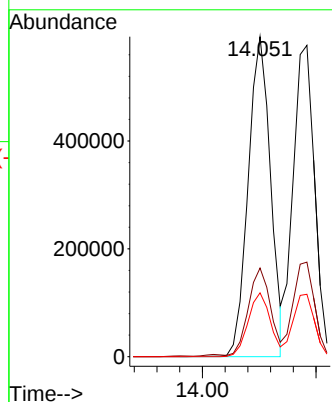
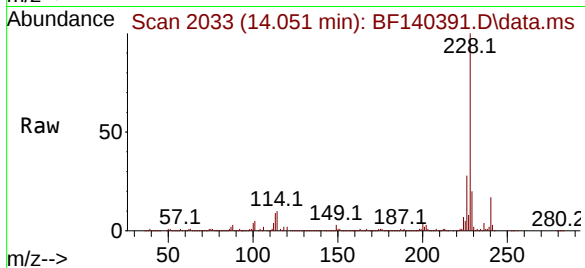
Tgt Ion:228 Resp: 810541

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.697 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

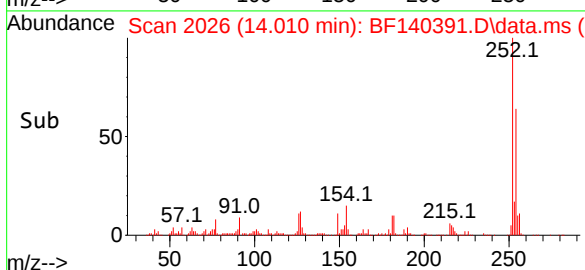
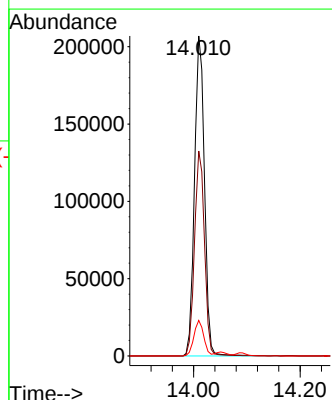
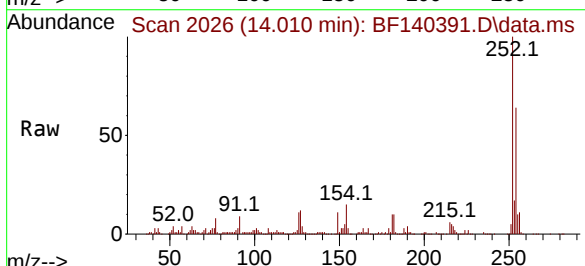
Tgt Ion:252 Resp: 269418

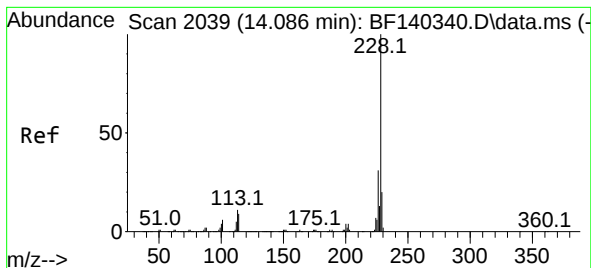
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 11.1 9.4 14.0





#83

Chrysene

Concen: 39.861 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

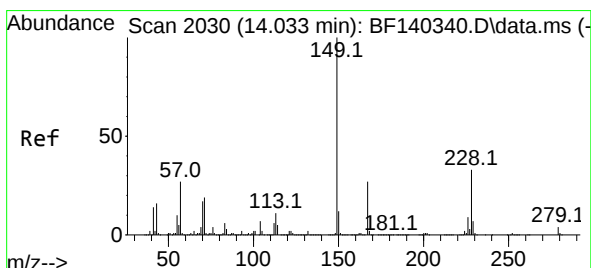
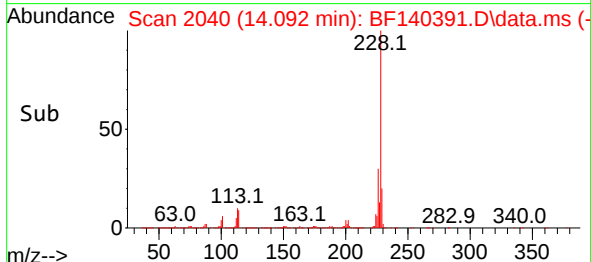
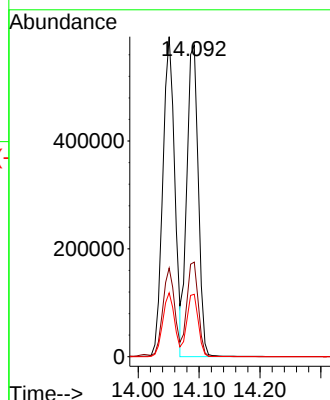
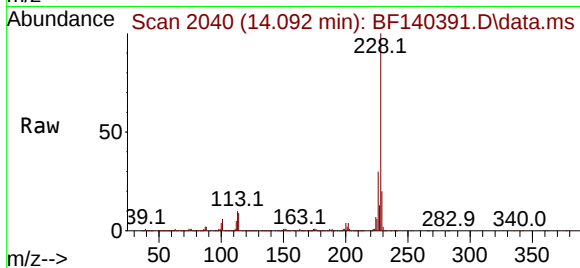
Tgt Ion:228 Resp: 757510

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.252 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

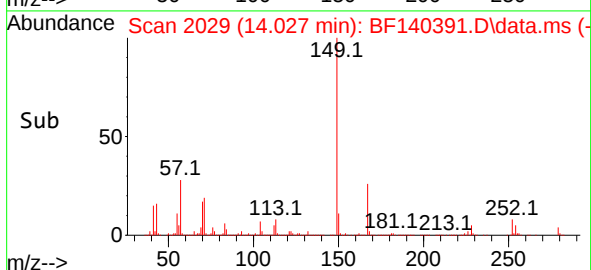
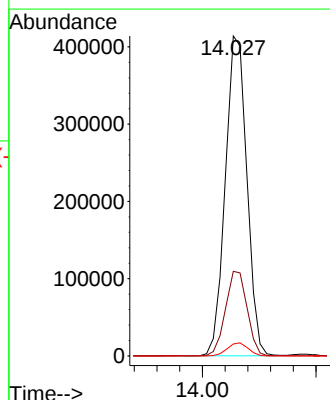
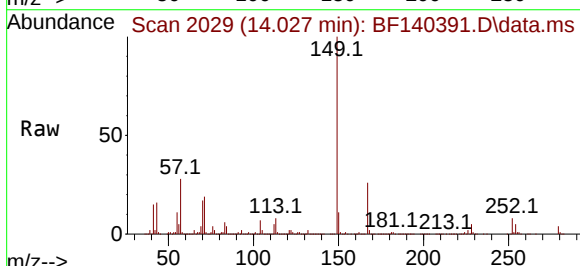
Tgt Ion:149 Resp: 545578

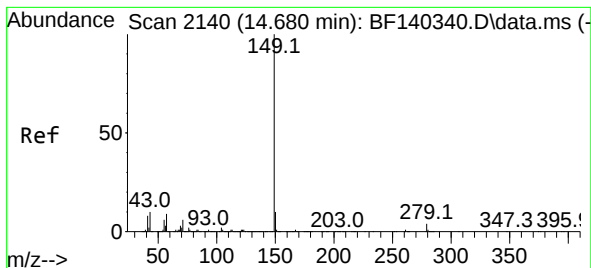
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 37.695 ng

RT: 14.674 min Scan# 2140

Delta R.T. 0.012 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

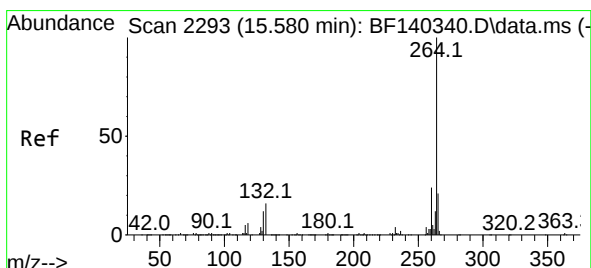
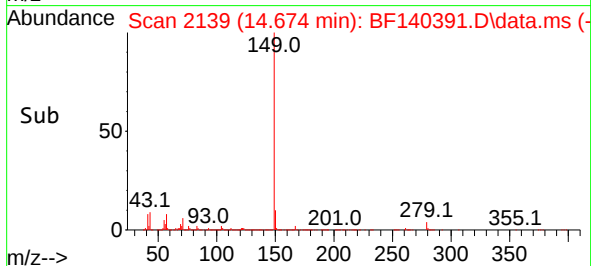
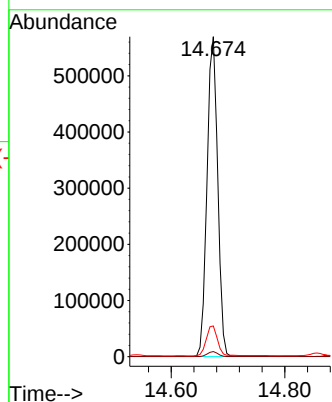
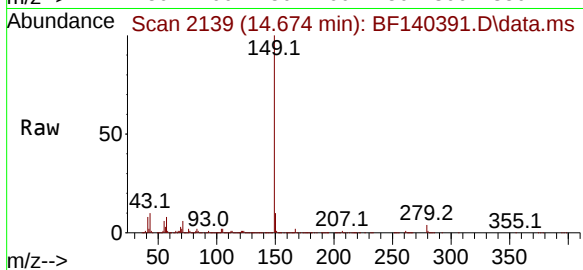
Tgt Ion:149 Resp: 737911

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.018 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

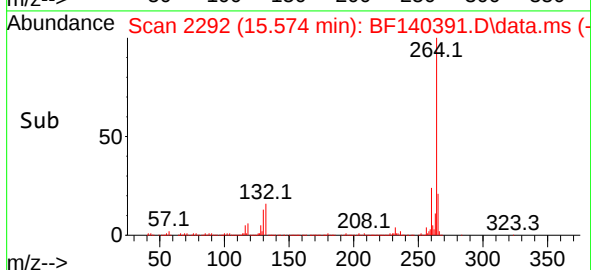
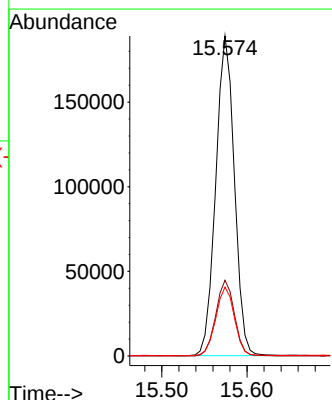
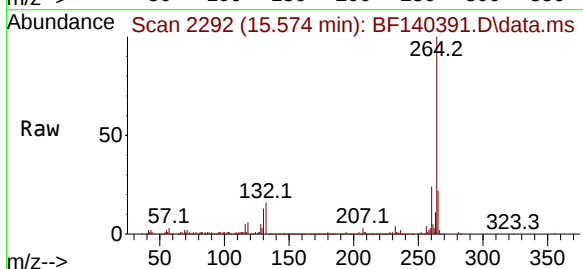
Tgt Ion:264 Resp: 286665

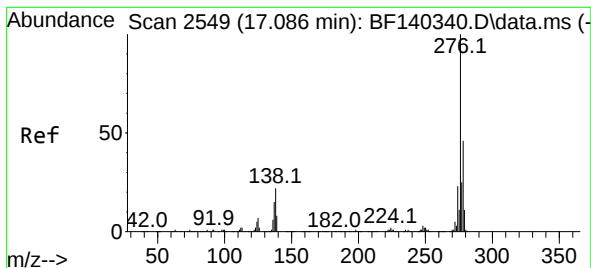
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.452 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

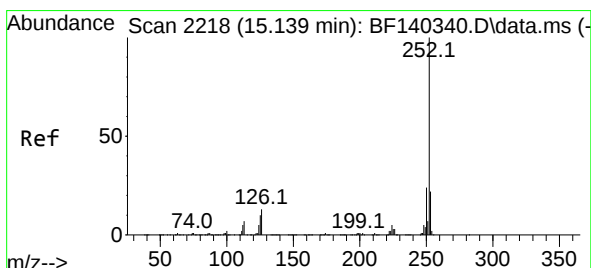
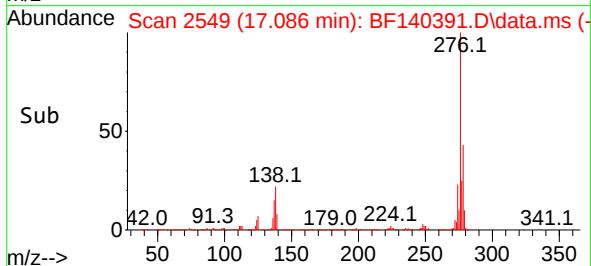
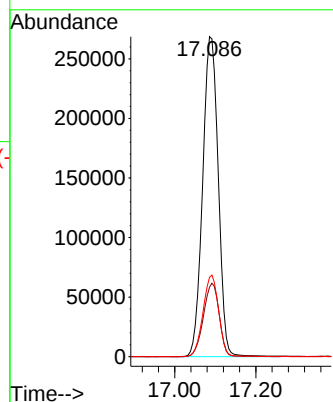
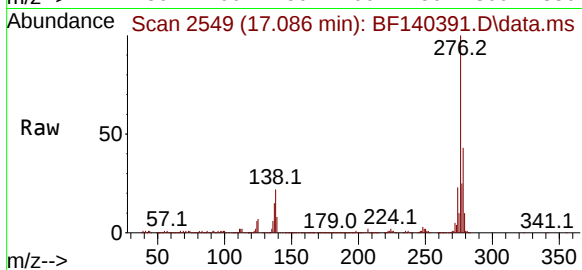
Tgt Ion:276 Resp: 716330

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.480 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.023 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

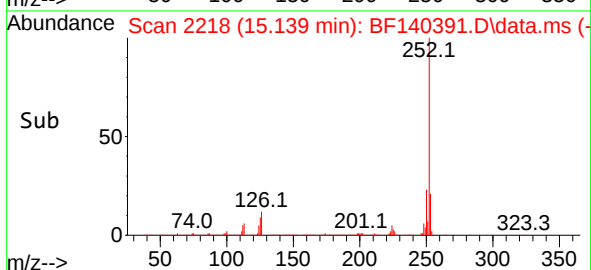
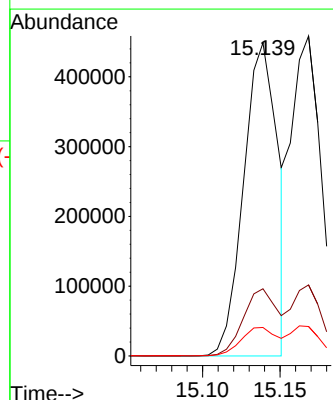
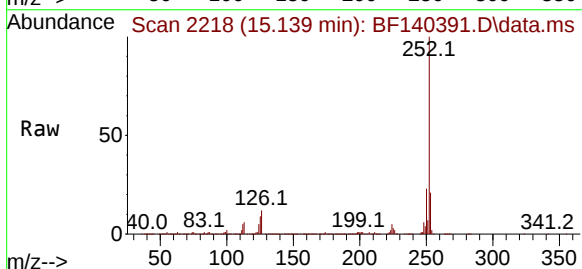
Tgt Ion:252 Resp: 684079

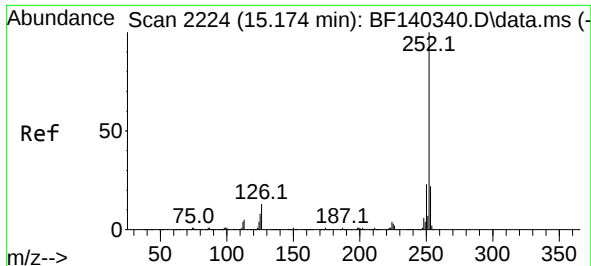
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.1 8.0 12.0

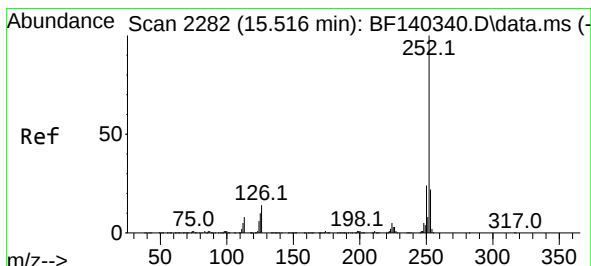
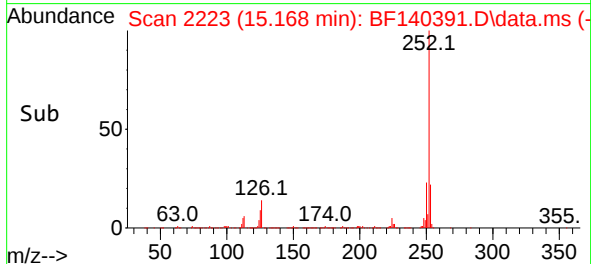
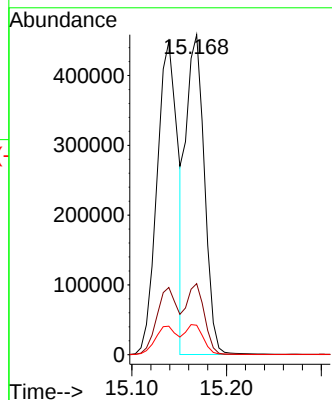
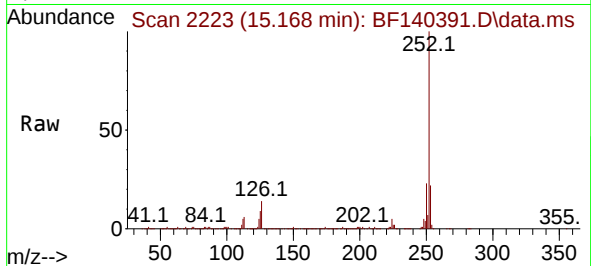




#89  
Benzo(k)fluoranthene  
Concen: 40.168 ng  
RT: 15.168 min Scan# 2223  
Delta R.T. 0.017 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

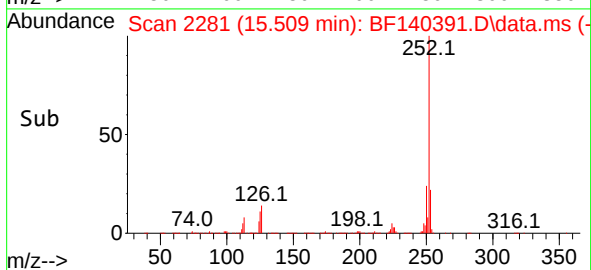
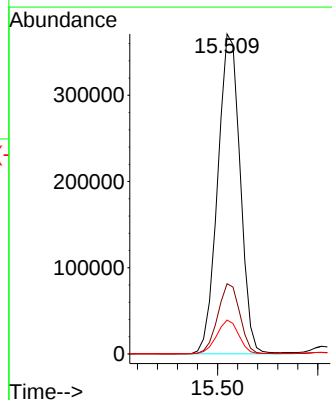
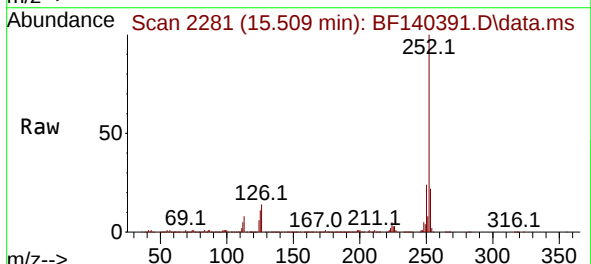
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

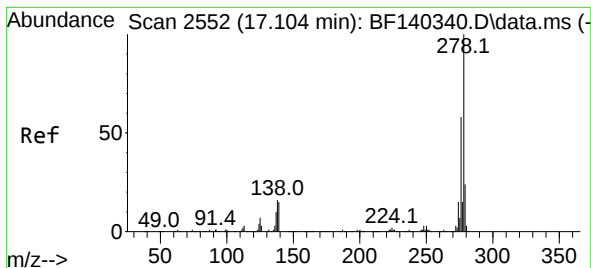
Tgt Ion:252 Resp: 615340  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 9.2 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 39.559 ng  
RT: 15.509 min Scan# 2281  
Delta R.T. 0.018 min  
Lab File: BF140391.D  
Acq: 15 Nov 2024 09:42

Tgt Ion:252 Resp: 576074  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 10.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 40.102 ng

RT: 17.103 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

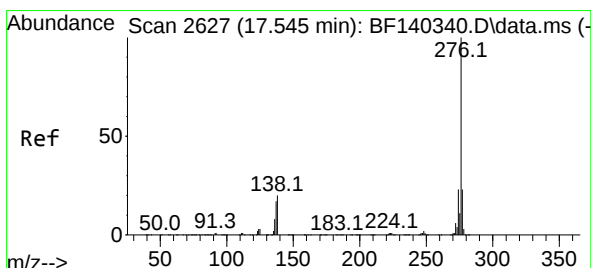
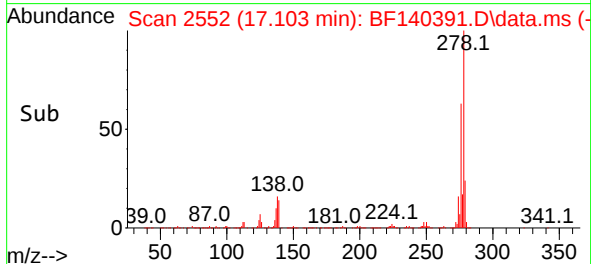
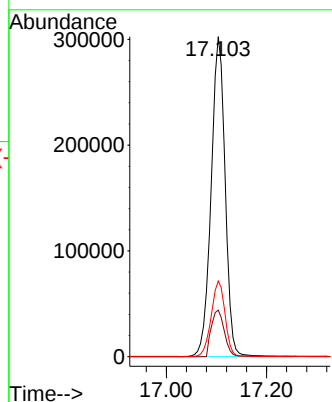
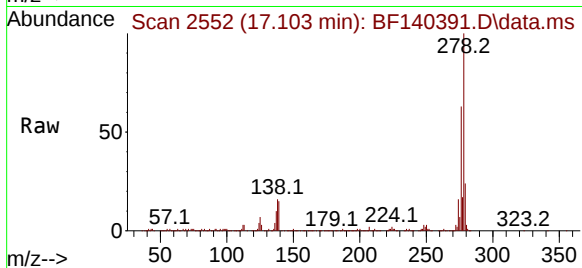
Tgt Ion:278 Resp: 586986

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.8

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.103 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.029 min

Lab File: BF140391.D

Acq: 15 Nov 2024 09:42

Tgt Ion:276 Resp: 615070

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.0 16.0 24.0

