

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081925\  
 Data File : BF143445.D  
 Acq On : 19 Aug 2025 09:36  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 19 12:03:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 18 04:40:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 123862   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 470823   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.963  | 164  | 251926   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 374076   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 210363   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 285369   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 565004   | 79.295 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 692796   | 77.152 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 641151   | 80.806 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 175109   | 78.092 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1151496  | 76.880 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 902887   | 72.100 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.728  | 88   | 131336   | 38.293 | ng    | 100      |
| 3) Pyridine                   | 3.510  | 79   | 384990   | 42.798 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.452  | 42   | 168820   | 40.376 | ng    | 97       |
| 6) Aniline                    | 6.592  | 93   | 471259   | 38.658 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 308249   | 39.185 | ng    | 100      |
| 9) Benzaldehyde               | 6.475  | 77   | 170980   | 35.792 | ng    | 99       |
| 10) Phenol                    | 6.575  | 94   | 413806   | 39.491 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 295147   | 37.999 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.869  | 146  | 343593   | 38.991 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.945  | 146  | 346825   | 39.423 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 327027   | 38.919 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.069  | 79   | 260456   | 39.331 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 498135   | 37.514 | ng    | 88       |
| 17) 2-Methylphenol            | 7.181  | 107  | 248774   | 38.760 | ng    | 98       |
| 18) Hexachloroethane          | 7.439  | 117  | 118857   | 39.692 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 205941   | 37.046 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.334  | 107  | 301872   | 39.344 | ng    | 99       |
| 22) Acetophenone              | 7.334  | 105  | 390316   | 38.557 | ng    | 99       |
| 24) Nitrobenzene              | 7.504  | 77   | 331755   | 40.006 | ng    | 99       |
| 25) Isophorone                | 7.745  | 82   | 573979   | 37.797 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.822  | 139  | 165419   | 43.029 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.857  | 122  | 250041   | 38.468 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 354531   | 37.982 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 266068   | 40.155 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 268161   | 39.498 | ng    | 98       |
| 31) Naphthalene               | 8.234  | 128  | 864979   | 38.697 | ng    | 100      |
| 32) Benzoic acid              | 7.975  | 122  | 126267   | 37.352 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.275  | 127  | 309199   | 38.323 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 170898   | 39.475 | ng    | 99       |
| 35) Caprolactam               | 8.639  | 113  | 71754    | 37.614 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.757  | 107  | 263029   | 38.544 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.922  | 142  | 578915   | 38.423 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.022  | 142  | 550089   | 38.107 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.086  | 216  | 277447   | 39.489 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 81116    | 35.643 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.198  | 196  | 174471   | 39.809 | ng    | 99       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

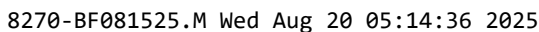
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

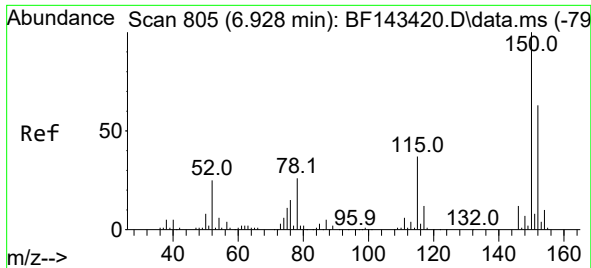
Quant Time: Aug 19 12:03:30 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 18 04:40:19 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.245  | 196  | 188711   | 40.168 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.381  | 154  | 687835   | 38.859 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.410  | 162  | 541591   | 38.762 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 167018   | 40.168 | ng    | 100      |
| 49) Acenaphthylene            | 9.822  | 152  | 783068   | 38.817 | ng    | 100      |
| 50) Dimethylphthalate         | 9.675  | 163  | 596061   | 37.950 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 127119   | 41.056 | ng    | 97       |
| 52) Acenaphthene              | 9.998  | 154  | 526415   | 38.798 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.910  | 138  | 136688   | 39.632 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 10.022 | 184  | 51176    | 38.759 | ng    | 93       |
| 55) Dibenzofuran              | 10.169 | 168  | 735002   | 37.552 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.075 | 139  | 80665    | 37.201 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 168551   | 40.831 | ng    | 98       |
| 58) Fluorene                  | 10.510 | 166  | 564896   | 37.568 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232  | 140842   | 39.604 | ng    | 97       |
| 60) Diethylphthalate          | 10.375 | 149  | 535646   | 36.905 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.498 | 204  | 285860   | 38.452 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.522 | 138  | 124720   | 38.667 | ng    | 99       |
| 63) Azobenzene                | 10.657 | 77   | 552945   | 37.693 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 81840    | 42.402 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 477290   | 39.240 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 173167   | 39.202 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 184987   | 39.392 | ng    | 99       |
| 69) Atrazine                  | 11.139 | 200  | 137115   | 38.541 | ng    | 99       |
| 70) Pentachlorophenol         | 11.257 | 266  | 83629    | 40.495 | ng    | 99       |
| 71) Phenanthrene              | 11.475 | 178  | 778725   | 38.443 | ng    | 100      |
| 72) Anthracene                | 11.522 | 178  | 788478   | 38.538 | ng    | 99       |
| 73) Carbazole                 | 11.675 | 167  | 648190   | 37.459 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.004 | 149  | 647836   | 37.595 | ng    | 100      |
| 75) Fluoranthene              | 12.663 | 202  | 658646   | 36.593 | ng    | 99       |
| 77) Benzidine                 | 12.780 | 184  | 210512   | 33.511 | ng    | 99       |
| 78) Pyrene                    | 12.892 | 202  | 666629   | 36.459 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 199021   | 43.946 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.074 | 228  | 507706   | 37.909 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 166049   | 42.346 | ng    | 100      |
| 83) Chrysene                  | 14.110 | 228  | 486654   | 39.305 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 309633   | 48.143 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 592119   | 45.391 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.104 | 276  | 802095   | 37.481 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 566849   | 37.062 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.168 | 252  | 591511   | 39.211 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.515 | 252  | 563854   | 38.707 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.109 | 278  | 646395   | 37.613 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.556 | 276  | 632768   | 36.858 | ng    | 100      |

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

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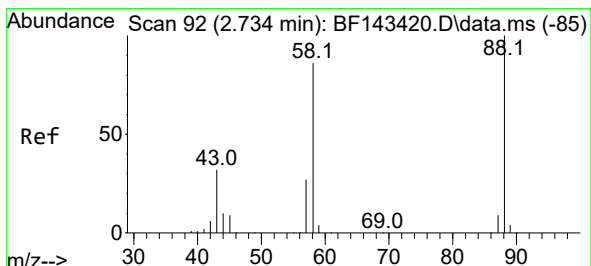
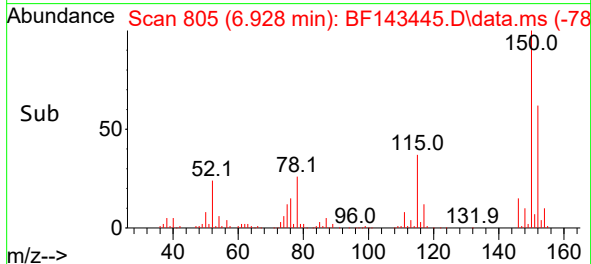
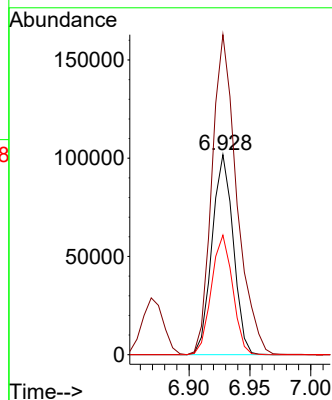
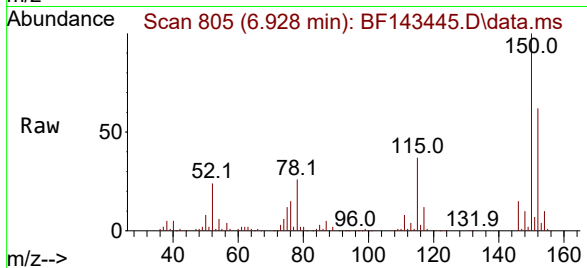




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.928 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

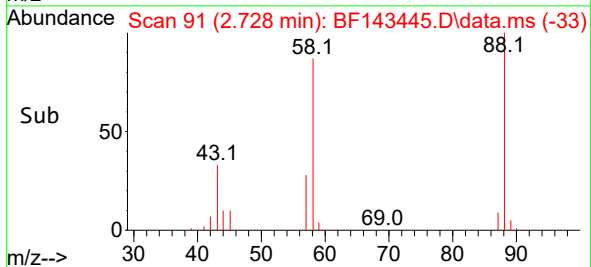
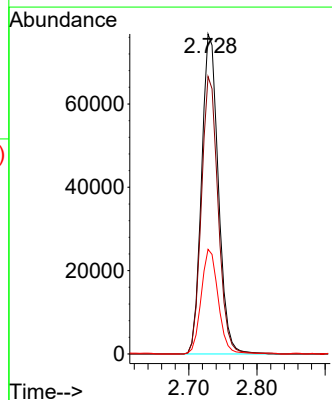
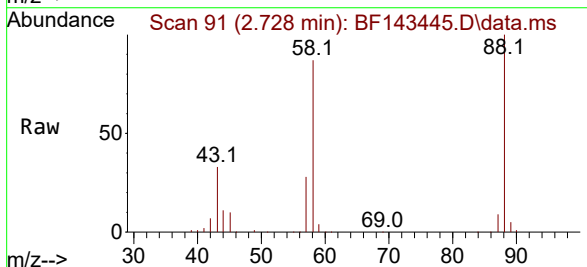
Instrument :  
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 SSTDCCC040

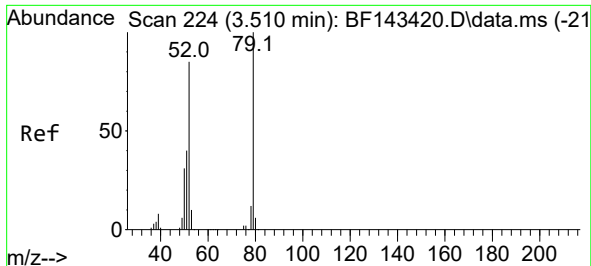
Tgt Ion:152 Resp: 123862  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 127.4 191.2  
 115 59.8 47.5 71.3



#2  
 1,4-Dioxane  
 Concen: 38.293 ng  
 RT: 2.728 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Tgt Ion: 88 Resp: 131336  
 Ion Ratio Lower Upper  
 88 100  
 58 86.2 68.7 103.1  
 43 33.1 26.1 39.1





#3

Pyridine

Concen: 42.798 ng

RT: 3.510 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

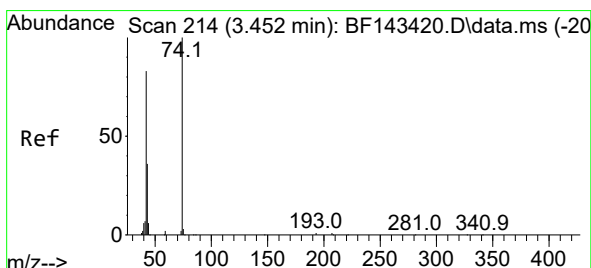
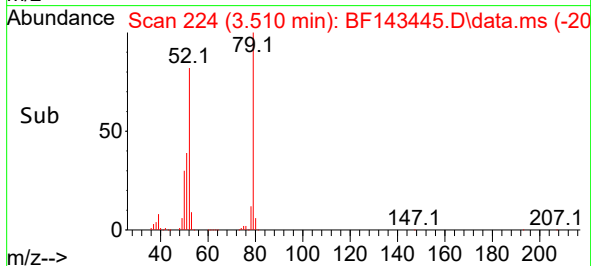
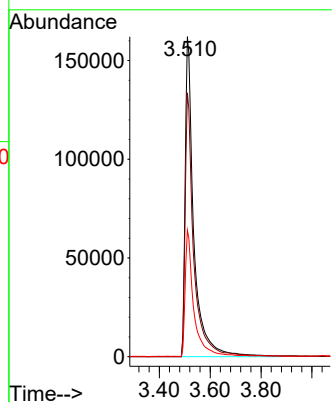
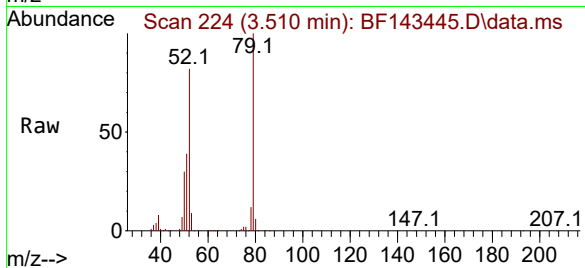
Tgt Ion: 79 Resp: 384990

Ion Ratio Lower Upper

79 100

52 82.5 67.7 101.5

51 39.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.376 ng

RT: 3.452 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

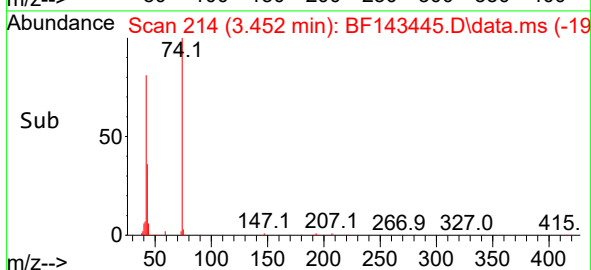
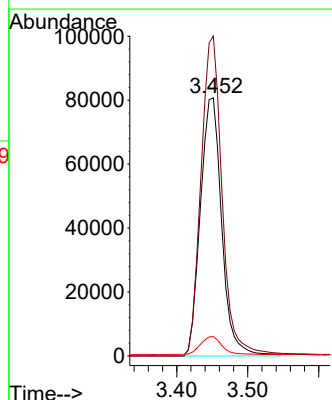
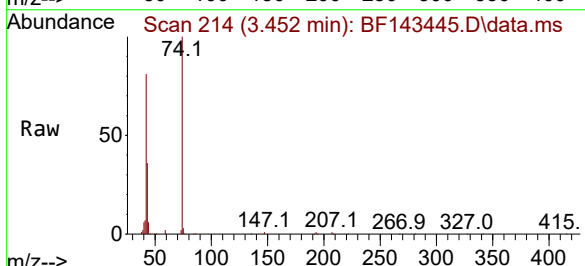
Tgt Ion: 42 Resp: 168820

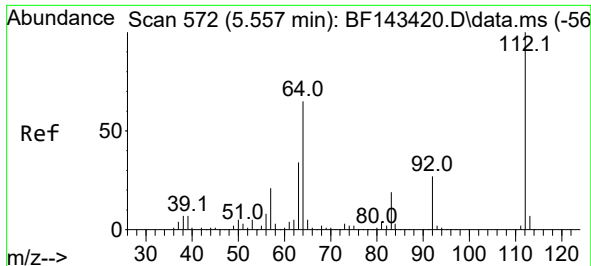
Ion Ratio Lower Upper

42 100

74 124.0 96.2 144.4

44 7.5 5.9 8.9

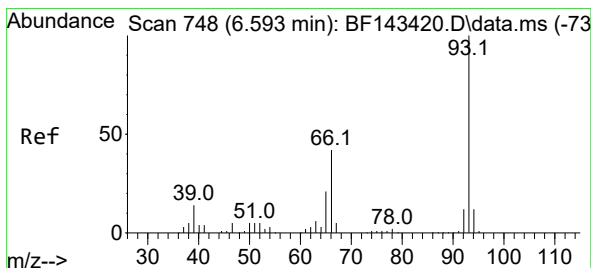
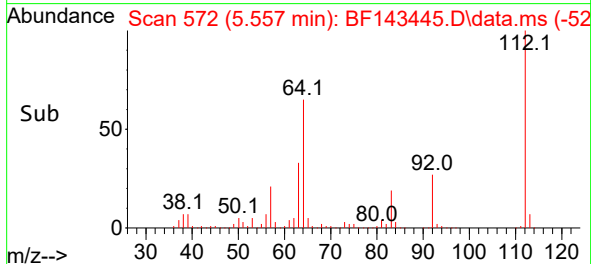
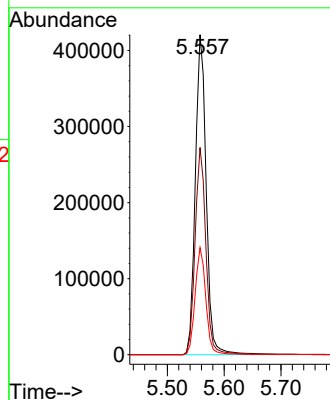
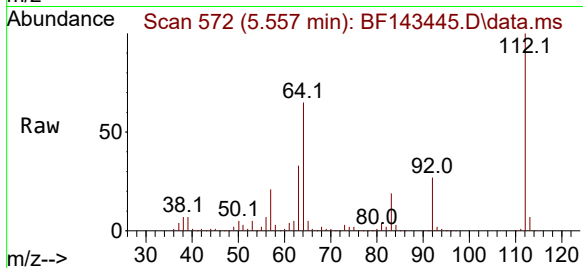




#5  
2-Fluorophenol  
Concen: 79.295 ng  
RT: 5.557 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

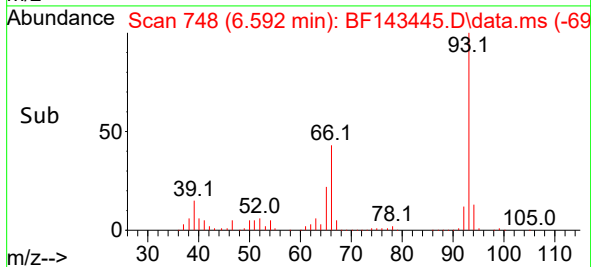
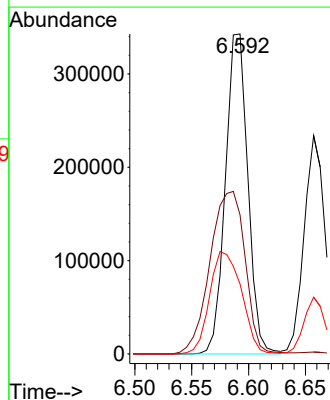
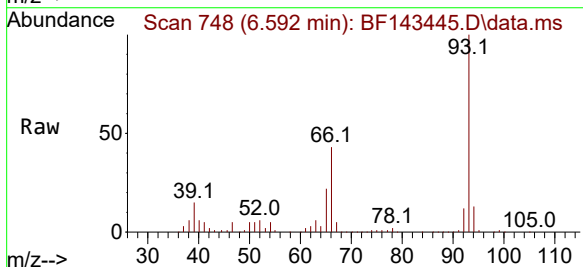
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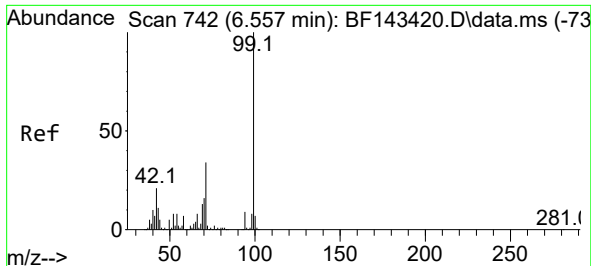
Tgt Ion:112 Resp: 565004  
Ion Ratio Lower Upper  
112 100  
64 64.7 52.2 78.2  
63 33.5 27.0 40.6



#6  
Aniline  
Concen: 38.658 ng  
RT: 6.592 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 93 Resp: 471259  
Ion Ratio Lower Upper  
93 100  
66 43.4 33.8 50.8  
65 21.8 17.2 25.8

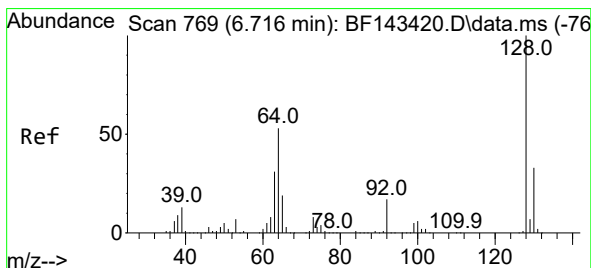
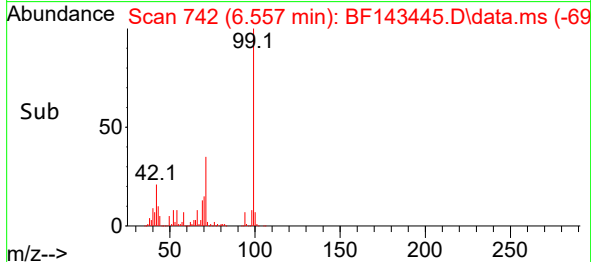
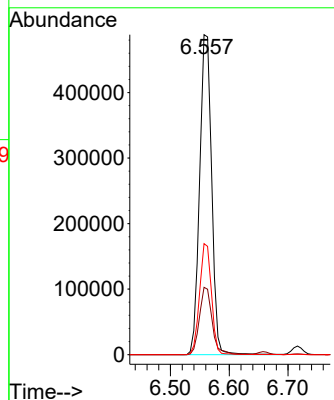
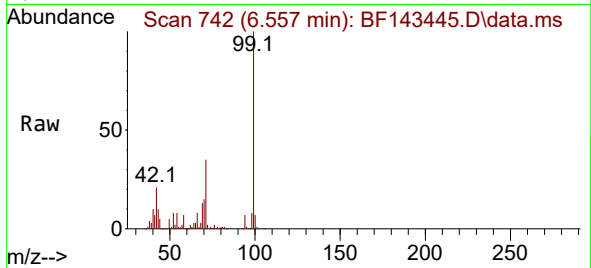




#7  
Phenol-d6  
Concen: 77.152 ng  
RT: 6.557 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

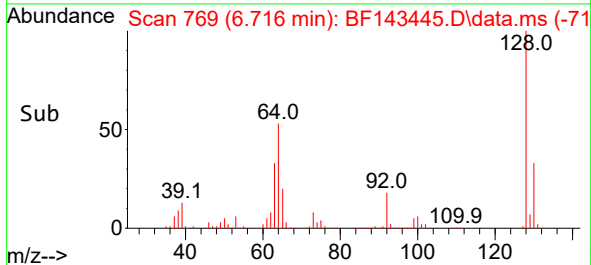
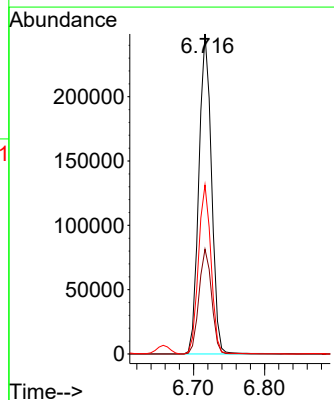
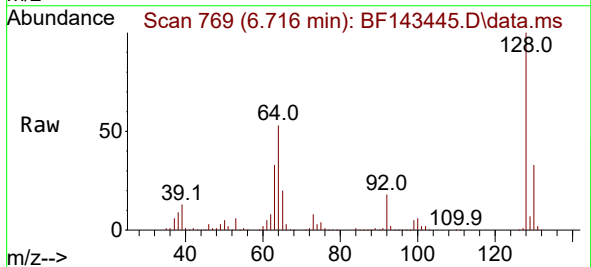
Instrument :  
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ClientSampleId :  
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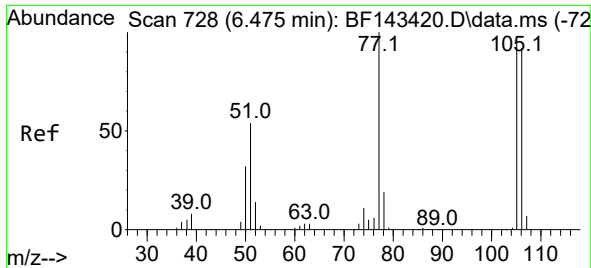
Tgt Ion: 99 Resp: 692796  
Ion Ratio Lower Upper  
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42 21.1 17.0 25.6  
71 34.7 27.4 41.2



#8  
2-Chlorophenol  
Concen: 39.185 ng  
RT: 6.716 min Scan# 769  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 128 Resp: 308249  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.9 52.9  
64 52.8 33.1 73.1





#9

Benzaldehyde

Concen: 35.792 ng

RT: 6.475 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

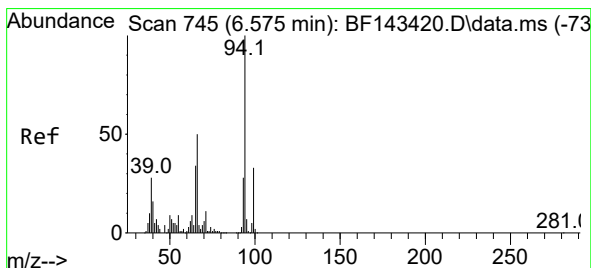
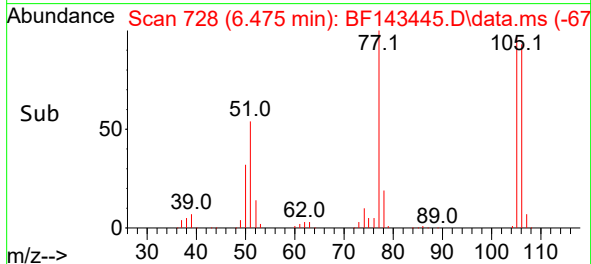
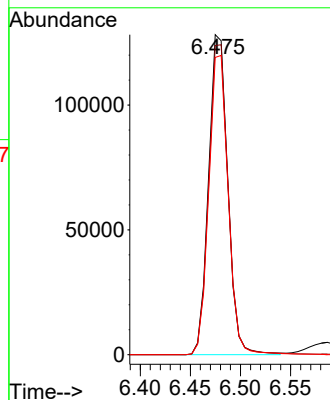
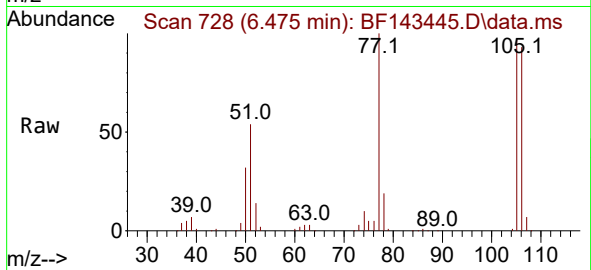
Tgt Ion: 77 Resp: 170980

Ion Ratio Lower Upper

77 100

105 96.6 75.5 115.5

106 92.9 72.0 112.0



#10

Phenol

Concen: 39.491 ng

RT: 6.575 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

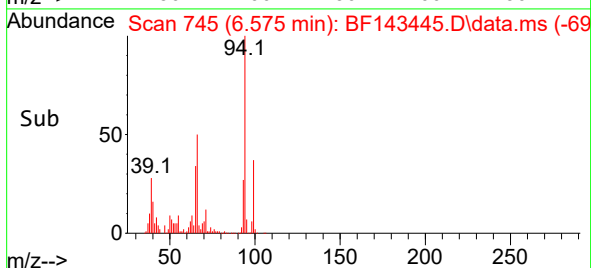
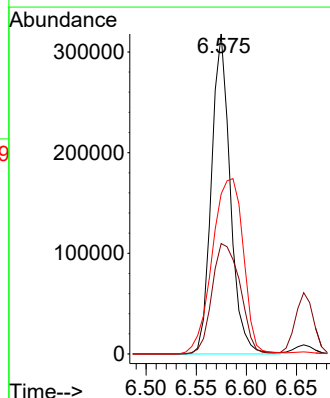
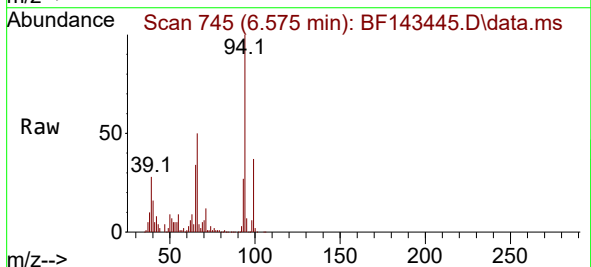
Tgt Ion: 94 Resp: 413806

Ion Ratio Lower Upper

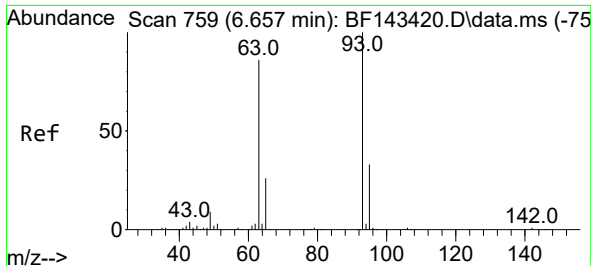
94 100

65 34.5 13.7 53.7

66 50.0 30.3 70.3







#11

bis(2-Chloroethyl)ether

Concen: 37.999 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

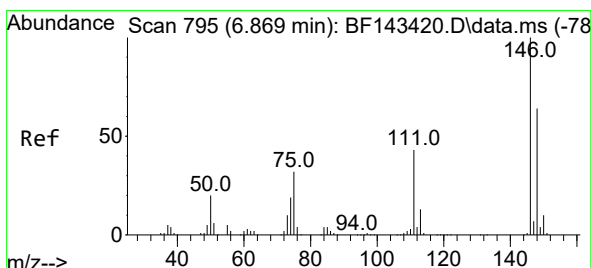
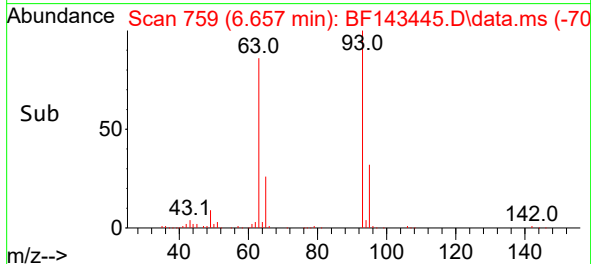
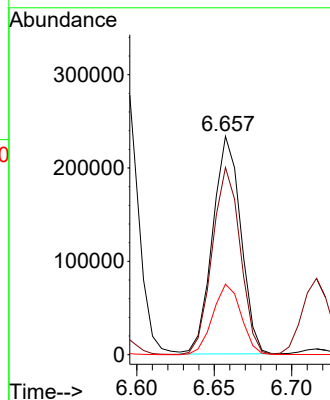
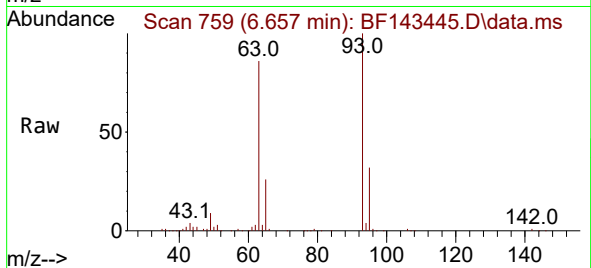
Tgt Ion: 93 Resp: 295147

Ion Ratio Lower Upper

93 100

63 85.7 65.4 105.4

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.991 ng

RT: 6.869 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

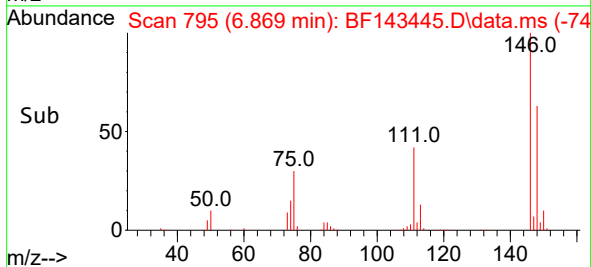
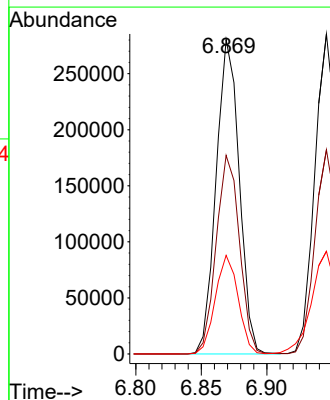
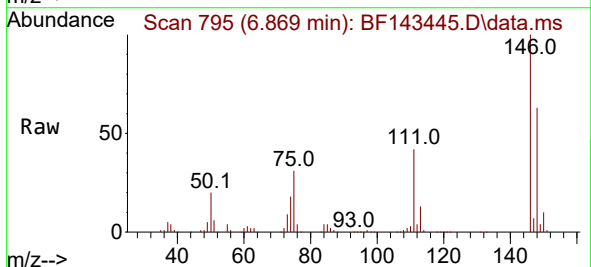
Tgt Ion: 146 Resp: 343593

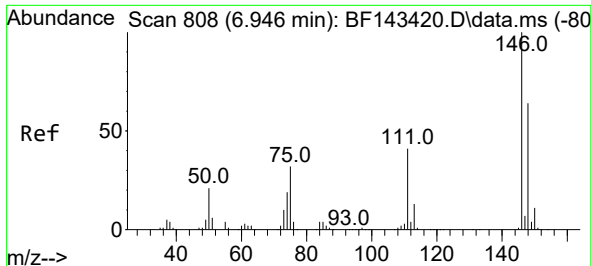
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

75 31.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.423 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

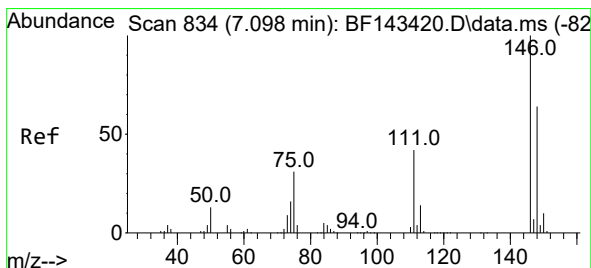
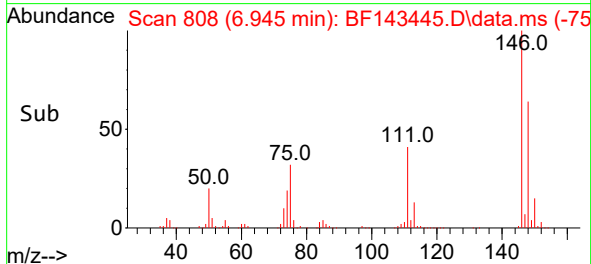
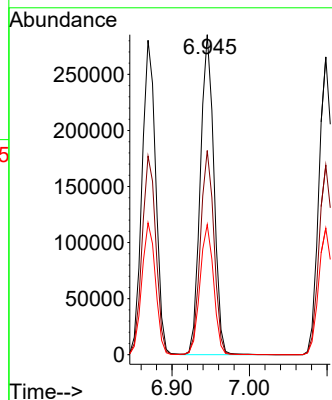
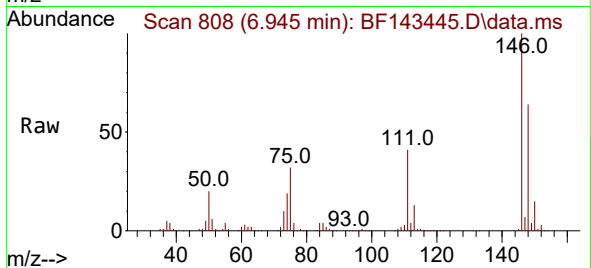
Tgt Ion:146 Resp: 346825

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 40.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 38.919 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

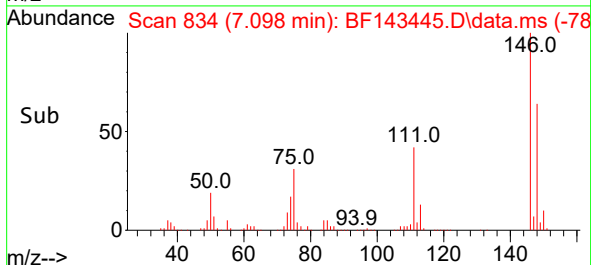
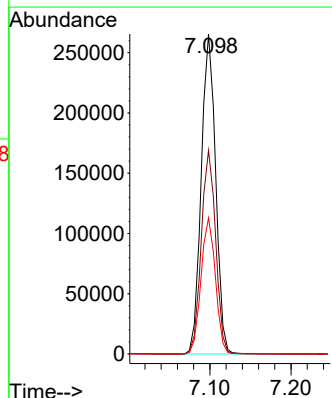
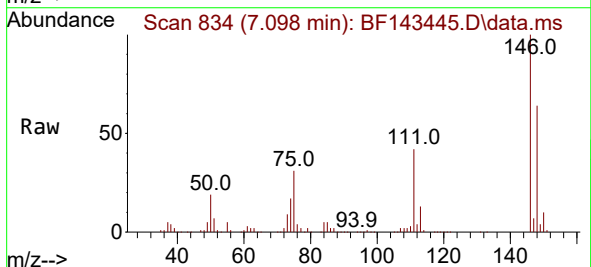
Tgt Ion:146 Resp: 327027

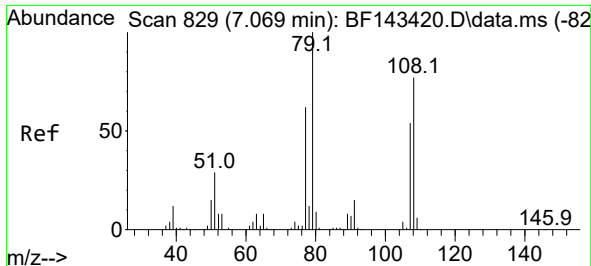
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 42.5 33.9 50.9

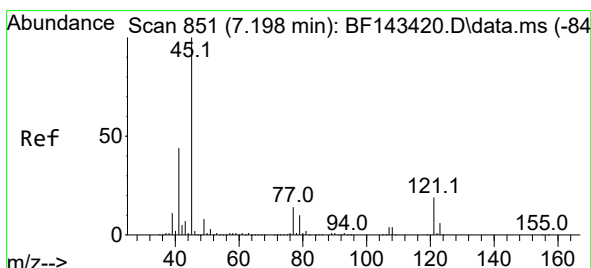
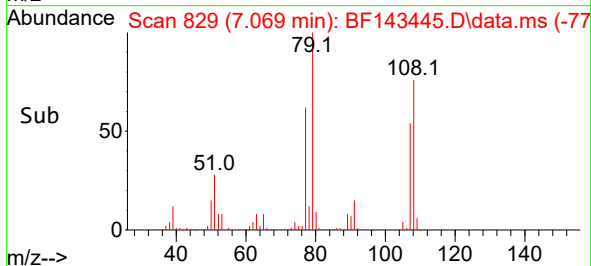
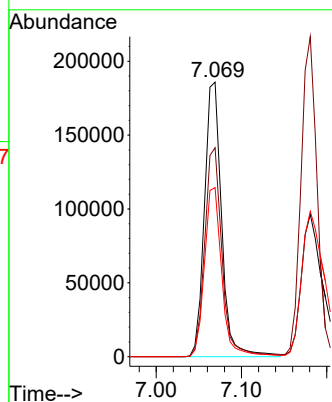
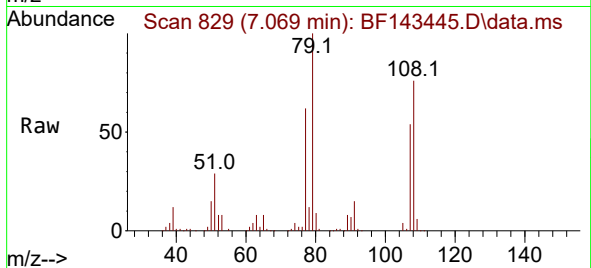




#15  
Benzyl Alcohol  
Concen: 39.331 ng  
RT: 7.069 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

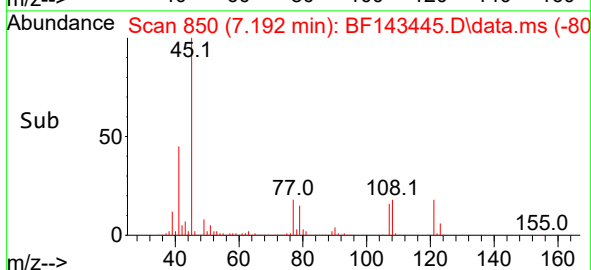
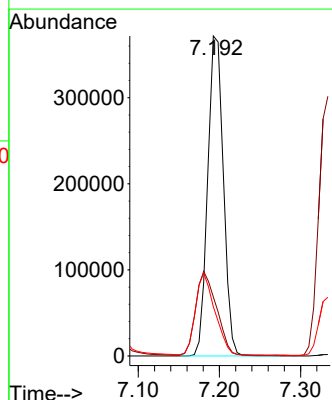
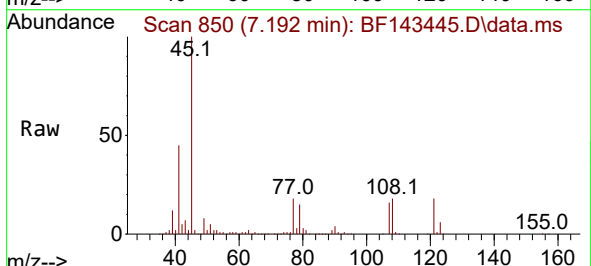
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

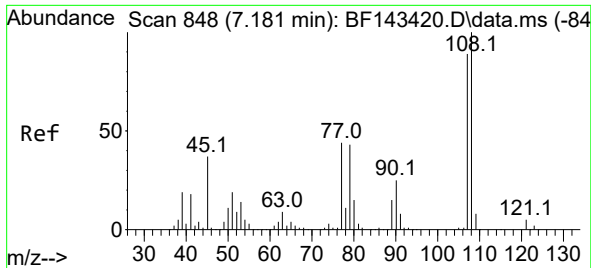
Tgt Ion: 79 Resp: 260456  
Ion Ratio Lower Upper  
79 100  
108 76.1 61.9 92.9  
77 61.6 49.2 73.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.514 ng  
RT: 7.192 min Scan# 850  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 45 Resp: 498135  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 33.9  
79 15.4 0.0 30.7

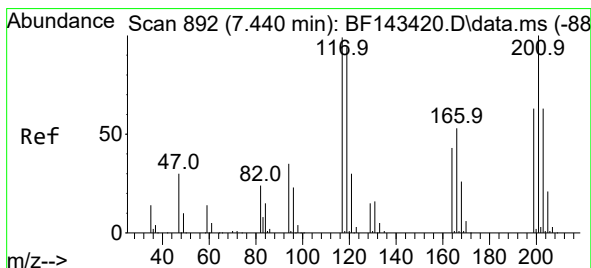
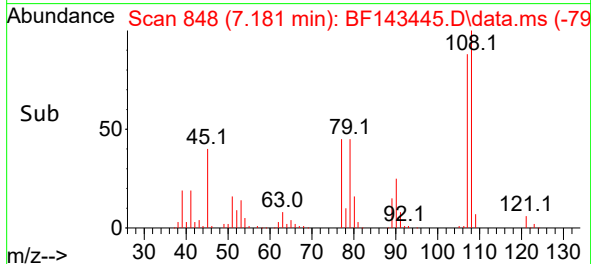
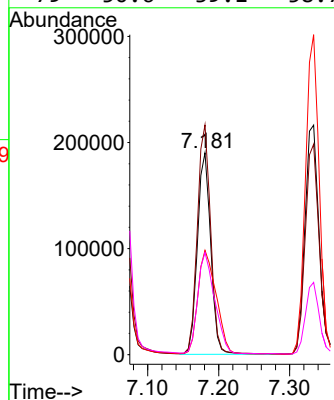
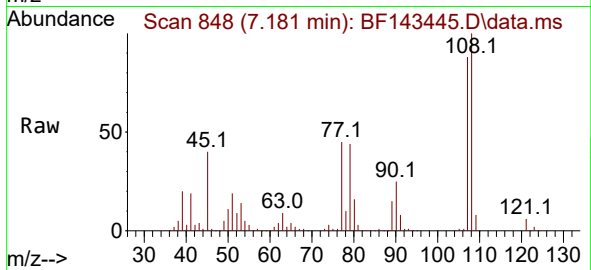




#17  
2-Methylphenol  
Concen: 38.760 ng  
RT: 7.181 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

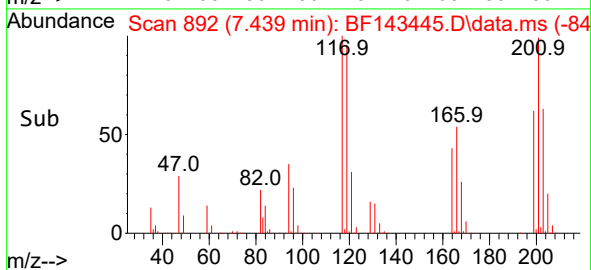
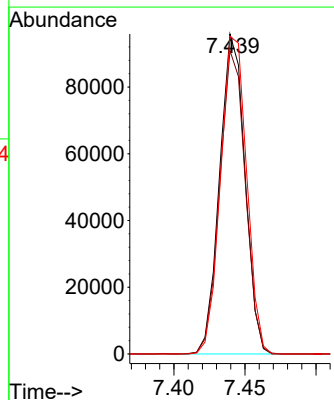
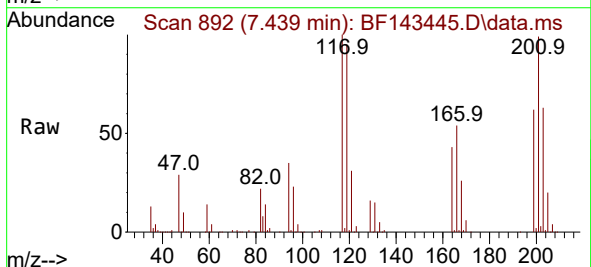
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

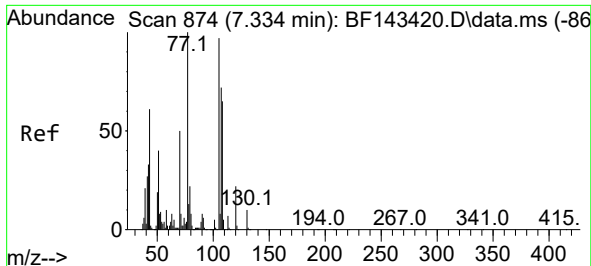
Tgt Ion:107 Resp: 248774  
Ion Ratio Lower Upper  
107 100  
108 113.8 90.1 135.1  
77 51.7 39.9 59.9  
79 50.6 39.1 58.7



#18  
Hexachloroethane  
Concen: 39.692 ng  
RT: 7.439 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:117 Resp: 118857  
Ion Ratio Lower Upper  
117 100  
119 94.8 76.6 114.8  
201 99.2 81.0 121.4

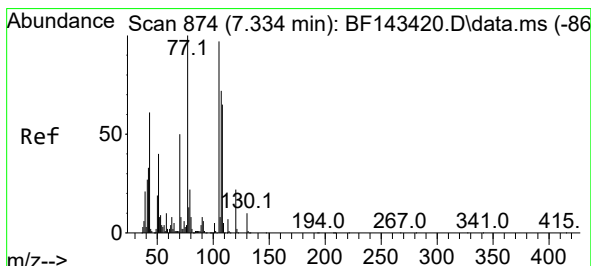
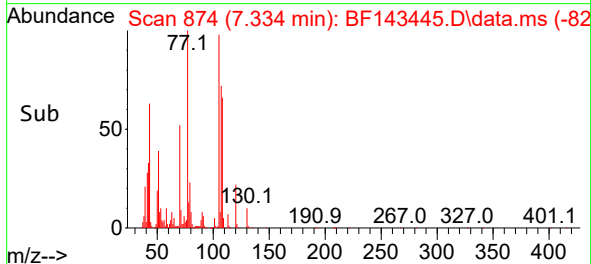
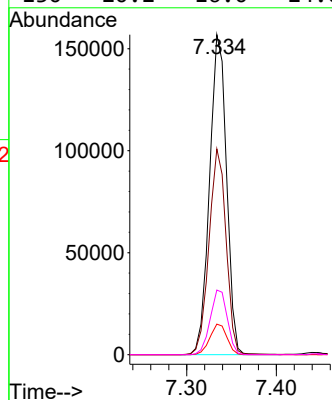
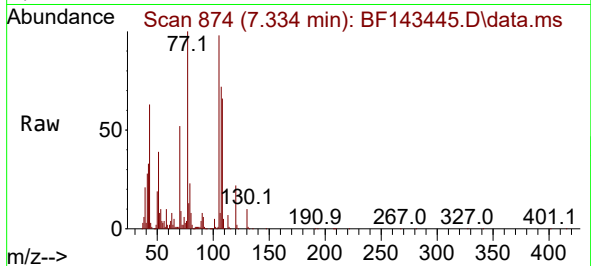




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.046 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

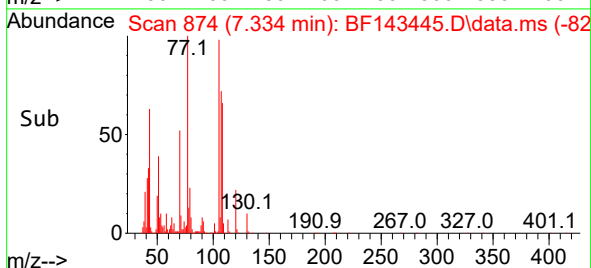
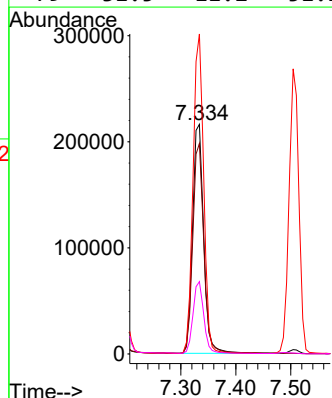
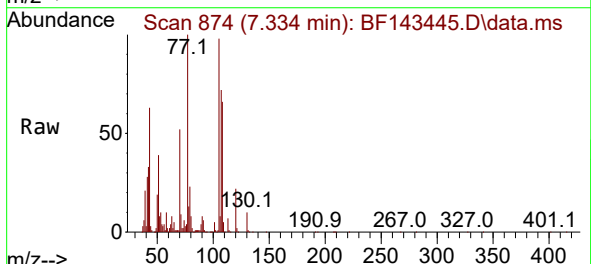
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

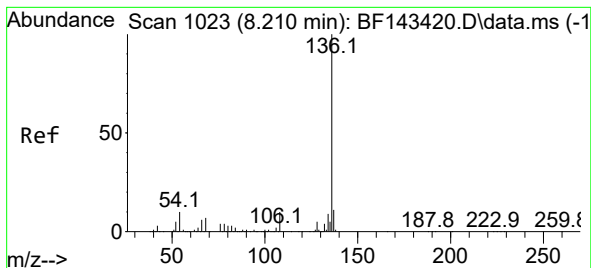
Tgt Ion: 70 Resp: 205941  
Ion Ratio Lower Upper  
70 100  
42 64.3 52.5 78.7  
101 9.6 7.9 11.9  
130 20.2 16.0 24.0



#20  
3+4-Methylphenols  
Concen: 39.344 ng  
RT: 7.334 min Scan# 874  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 107 Resp: 301872  
Ion Ratio Lower Upper  
107 100  
108 91.7 70.8 110.8  
77 139.4 119.1 159.1  
79 31.5 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 470823

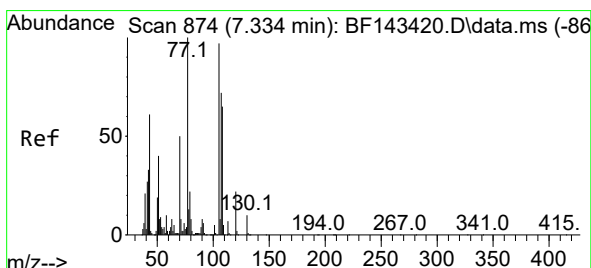
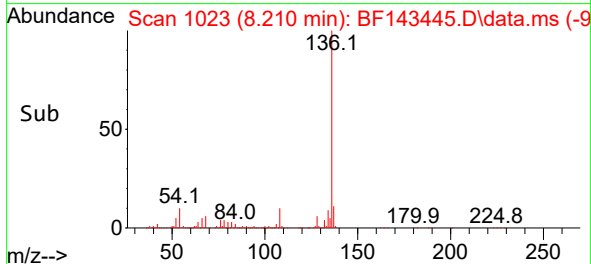
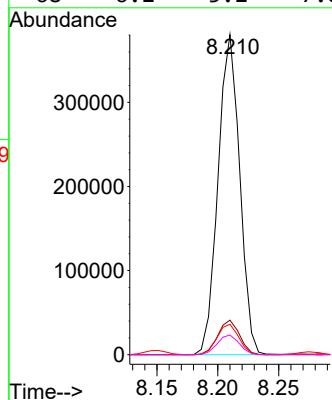
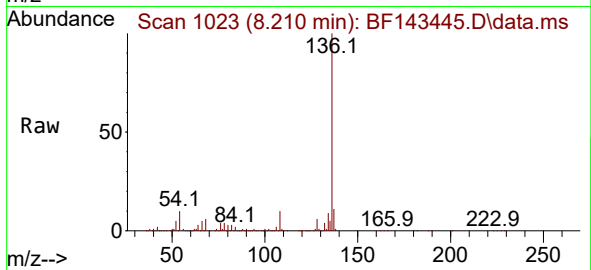
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 7.8 11.8

68 6.2 5.2 7.8



#22

Acetophenone

Concen: 38.557 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Tgt Ion:105 Resp: 390316

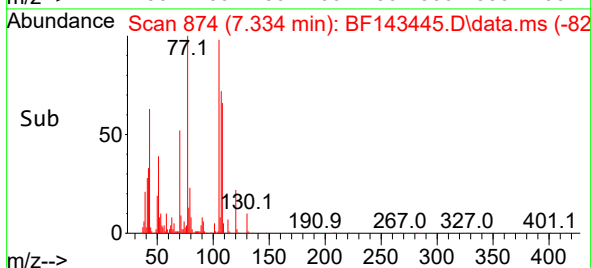
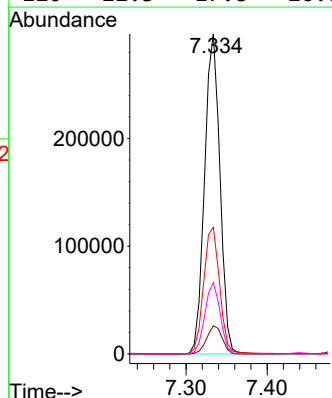
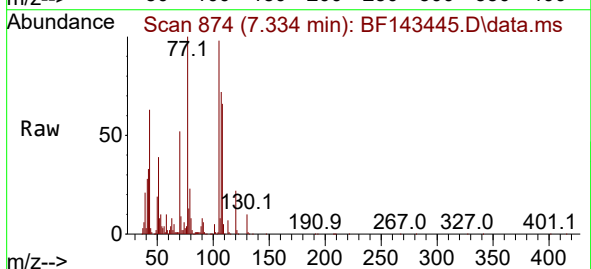
Ion Ratio Lower Upper

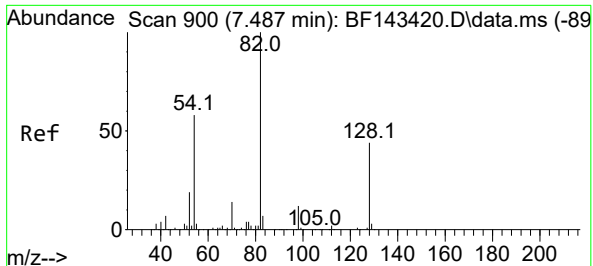
105 100

71 8.8 7.0 10.4

51 39.6 32.7 49.1

120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 80.806 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

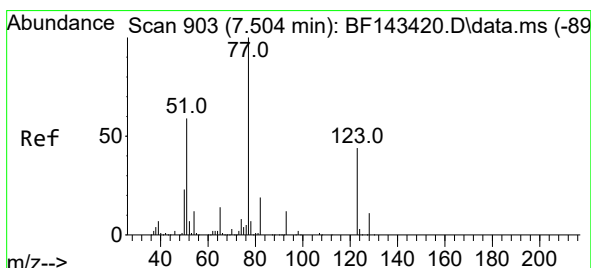
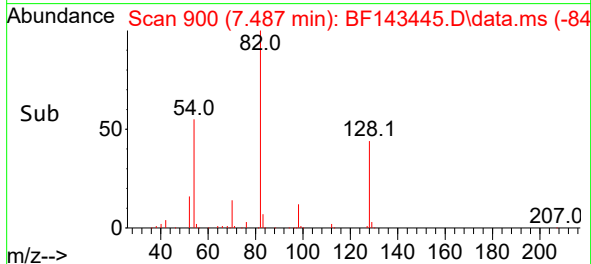
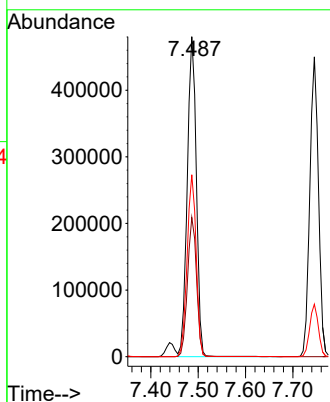
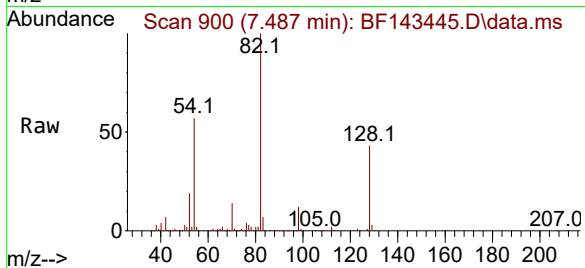
Tgt Ion: 82 Resp: 641151

Ion Ratio Lower Upper

82 100

128 43.5 34.6 52.0

54 56.8 46.0 69.0



#24

Nitrobenzene

Concen: 40.006 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

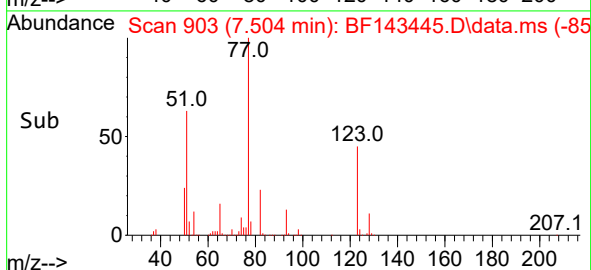
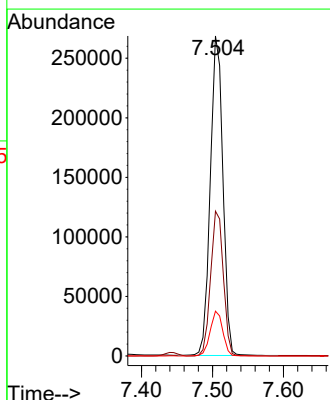
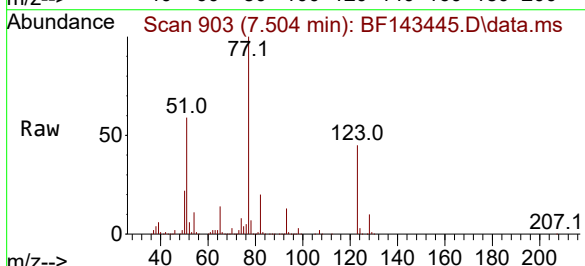
Tgt Ion: 77 Resp: 331755

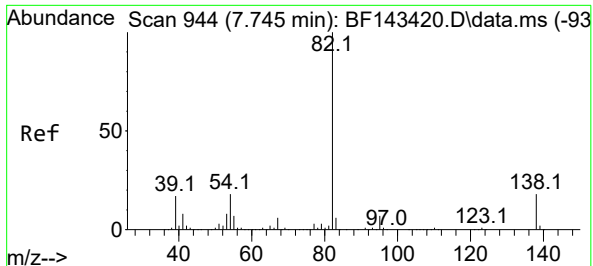
Ion Ratio Lower Upper

77 100

123 45.3 35.4 53.0

65 14.0 11.2 16.8

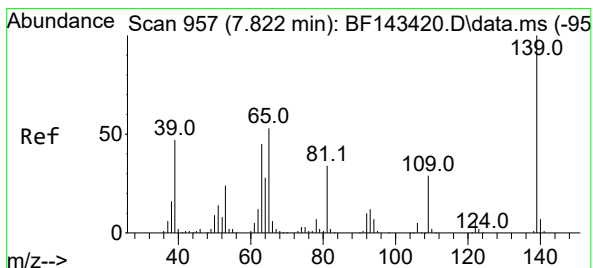
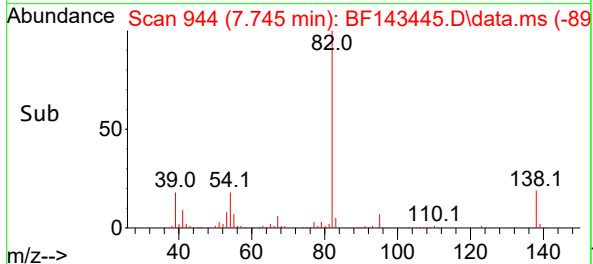
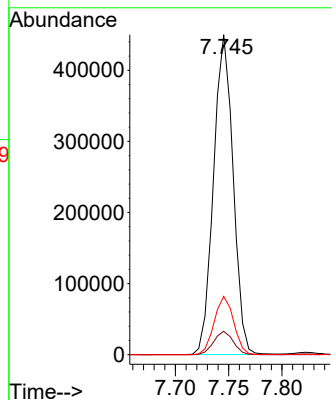
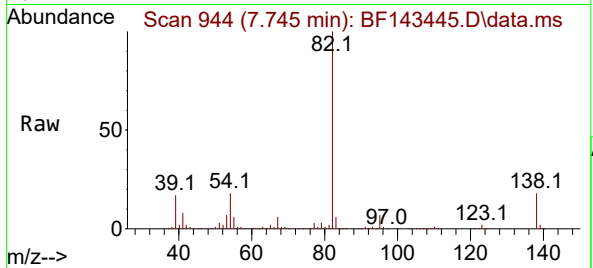




#25  
Isophorone  
Concen: 37.797 ng  
RT: 7.745 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

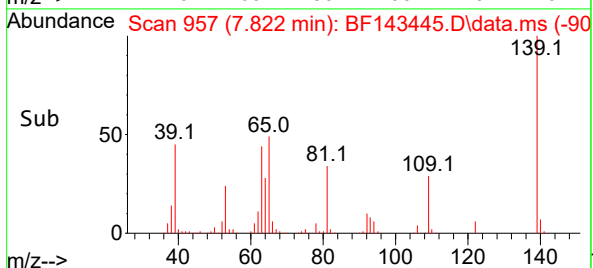
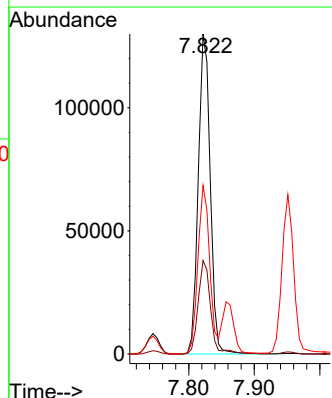
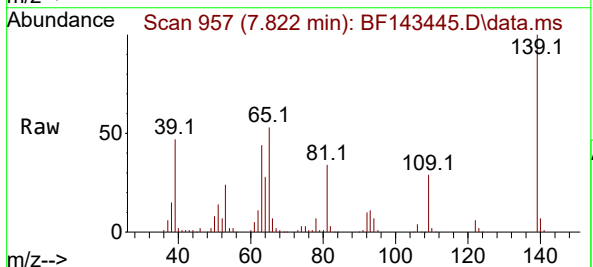
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 573979  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.6 8.4  
138 18.2 14.3 21.5

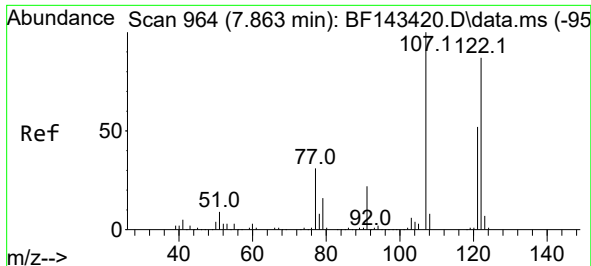


#26  
2-Nitrophenol  
Concen: 43.029 ng  
RT: 7.822 min Scan# 957  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:139 Resp: 165419  
Ion Ratio Lower Upper  
139 100  
109 29.2 23.0 34.4  
65 52.7 42.5 63.7



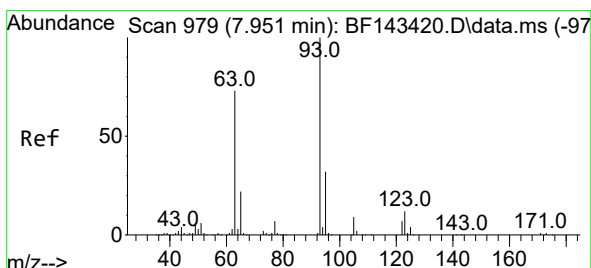
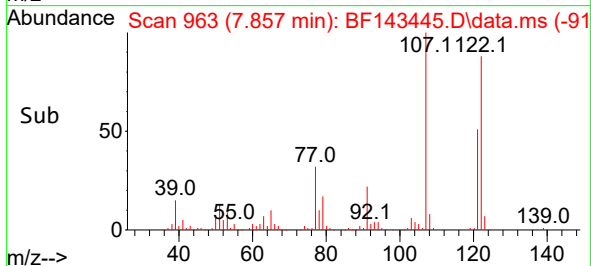
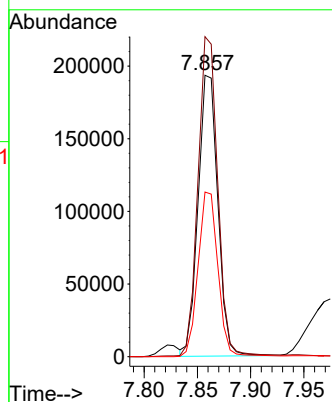
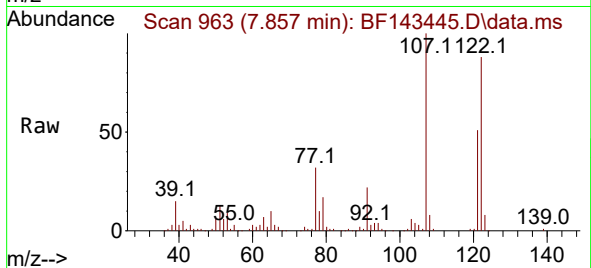




#27  
2,4-Dimethylphenol  
Concen: 38.468 ng  
RT: 7.857 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

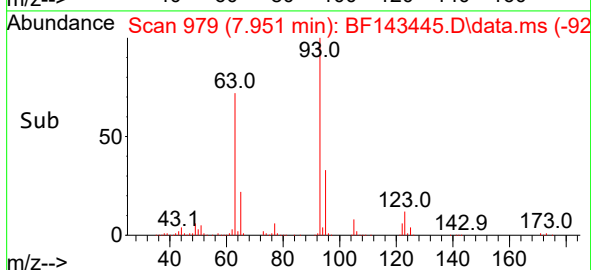
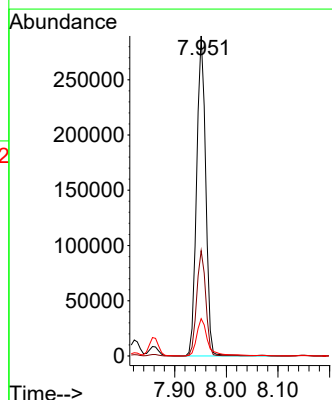
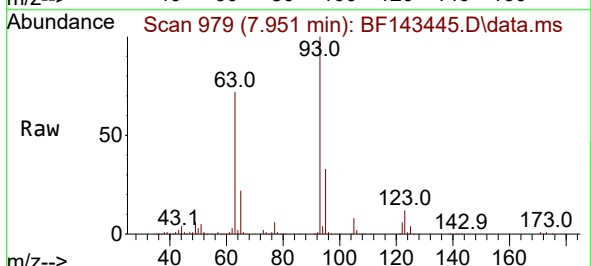
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BNA\_F  
ClientSampleId :  
SSTDCCC040

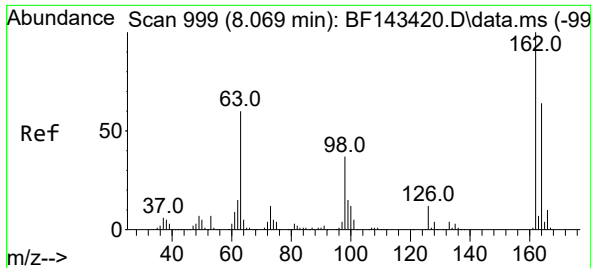
Tgt Ion:122 Resp: 250041  
Ion Ratio Lower Upper  
122 100  
107 113.7 90.4 135.6  
121 58.5 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.982 ng  
RT: 7.951 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 93 Resp: 354531  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.0 39.0  
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.155 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

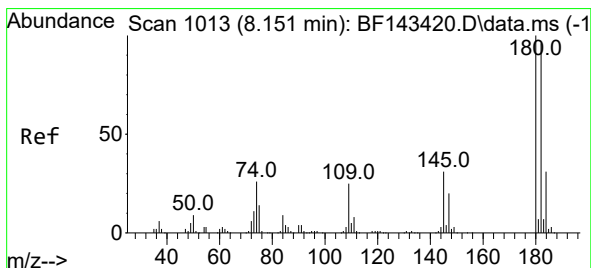
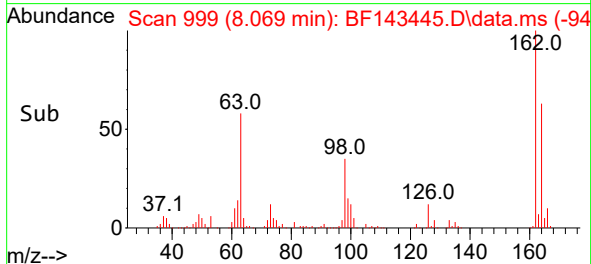
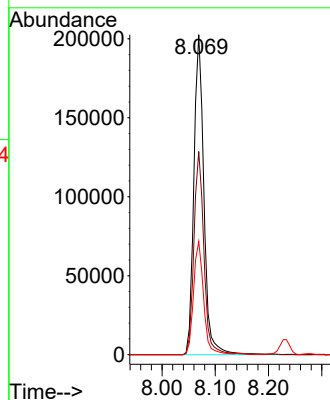
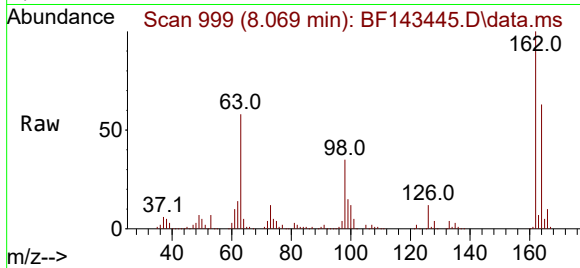
Tgt Ion:162 Resp: 266068

Ion Ratio Lower Upper

162 100

164 63.5 44.3 84.3

98 35.4 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.498 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

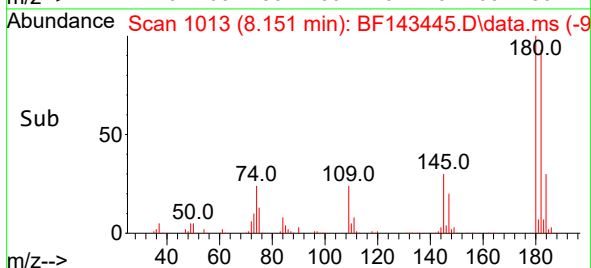
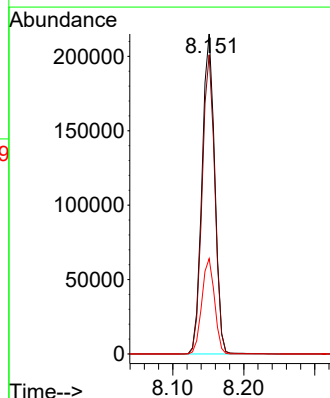
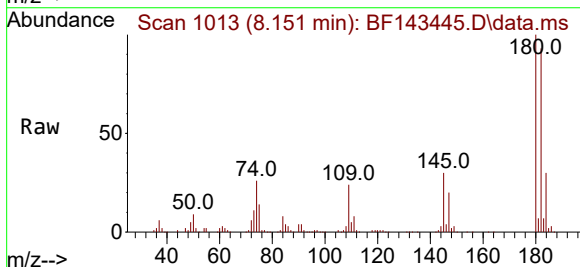
Tgt Ion:180 Resp: 268161

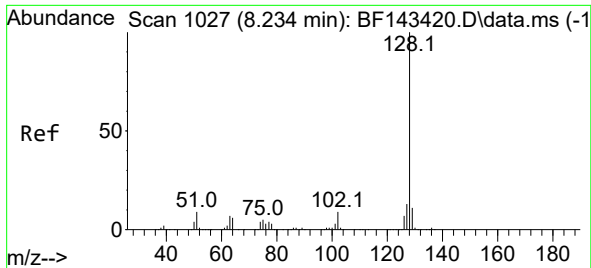
Ion Ratio Lower Upper

180 100

182 93.5 76.7 115.1

145 29.8 24.5 36.7

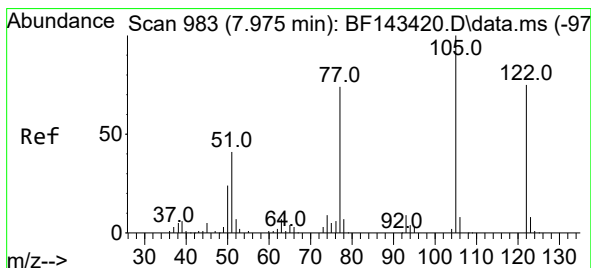
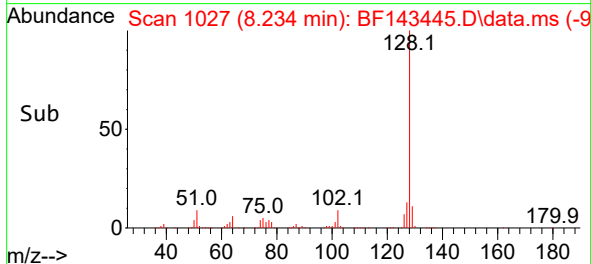
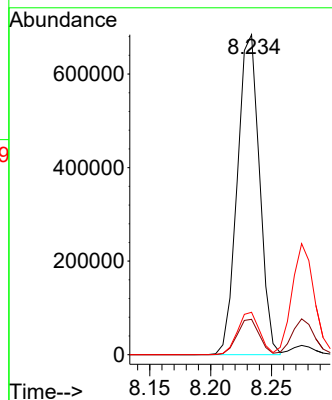
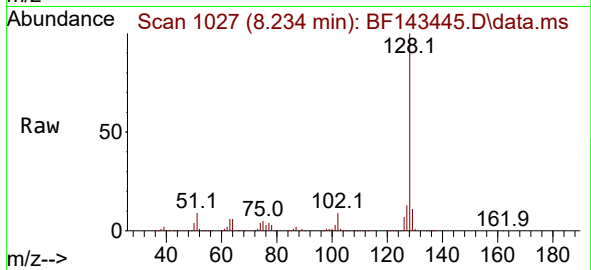




#31  
Naphthalene  
Concen: 38.697 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

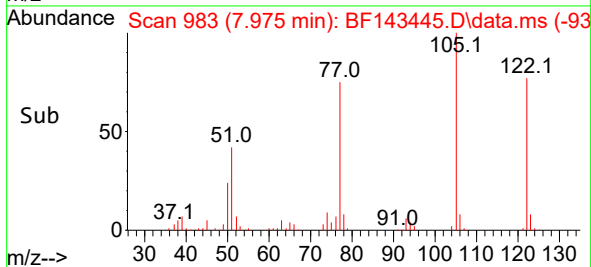
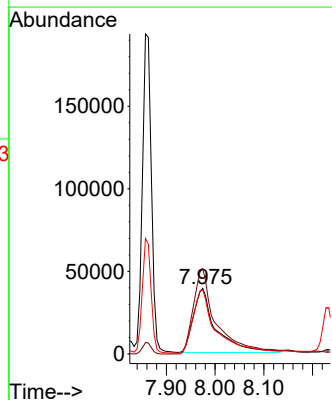
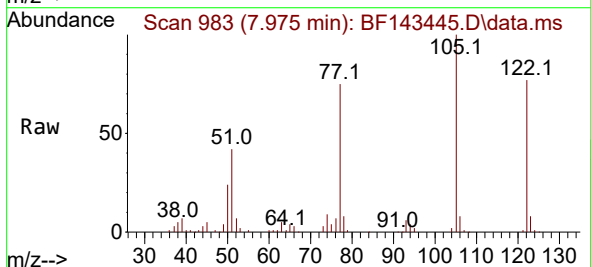
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

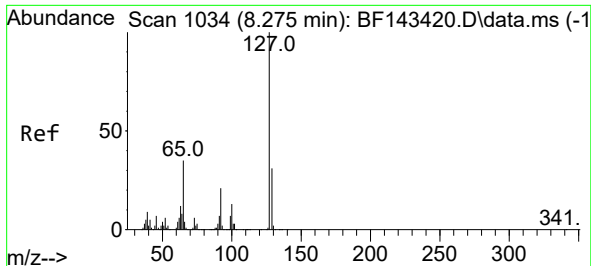
Tgt Ion:128 Resp: 864979  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 37.352 ng  
RT: 7.975 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:122 Resp: 126267  
Ion Ratio Lower Upper  
122 100  
105 130.0 108.4 148.4  
77 98.0 75.9 115.9

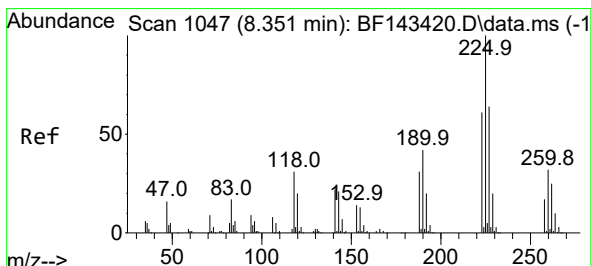
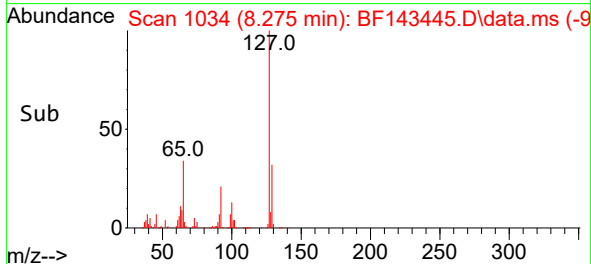
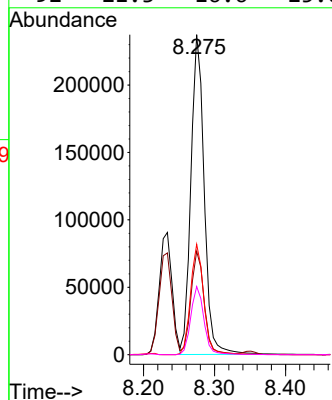
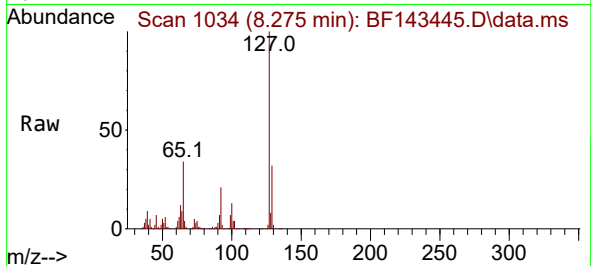




#33  
4-Chloroaniline  
Concen: 38.323 ng  
RT: 8.275 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

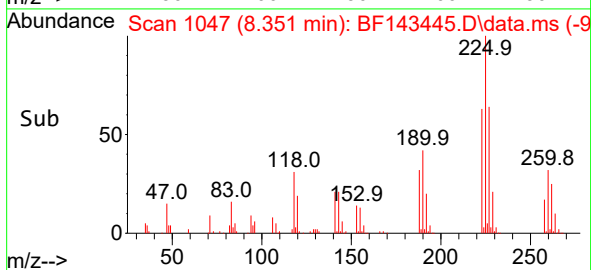
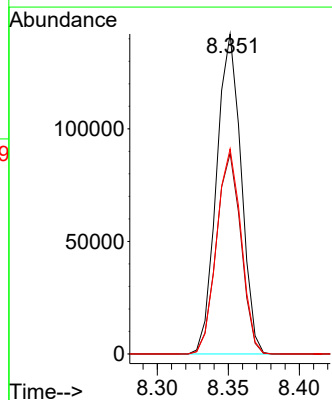
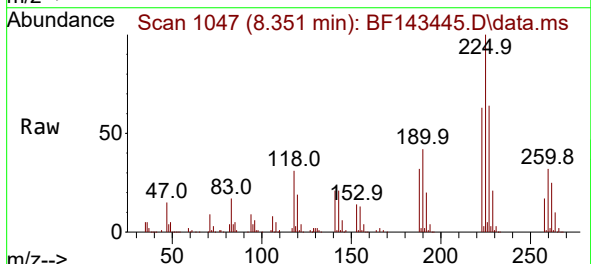
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

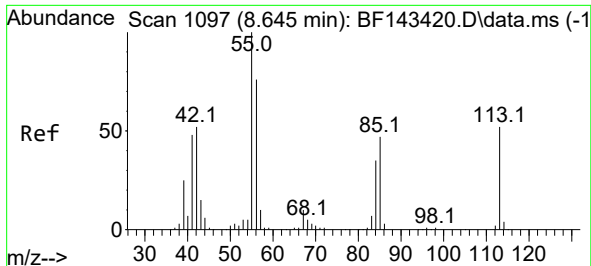
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 309199 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.8   |
| 65       | 34.5  | 27.2  | 40.8   |
| 92       | 21.3  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 39.475 ng  
RT: 8.351 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 170898 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.0  | 73.6   |
| 227      | 64.1  | 51.1  | 76.7   |

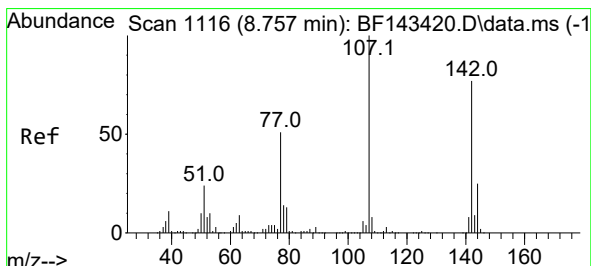
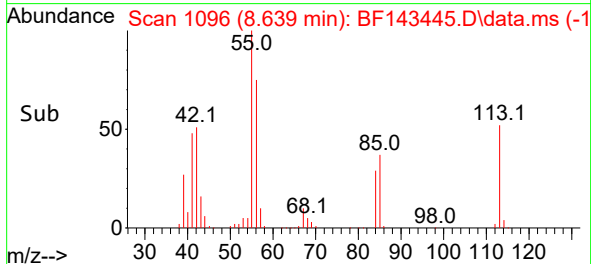
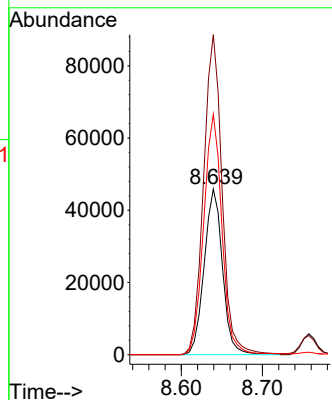
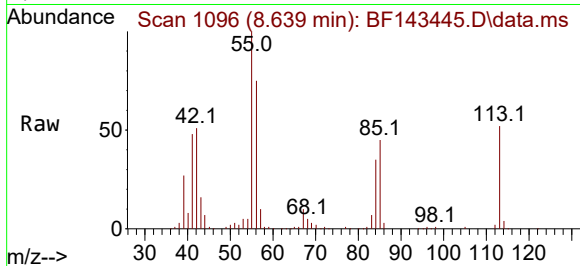




#35  
Caprolactam  
Concen: 37.614 ng  
RT: 8.639 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

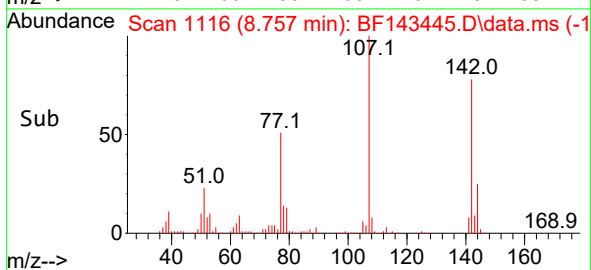
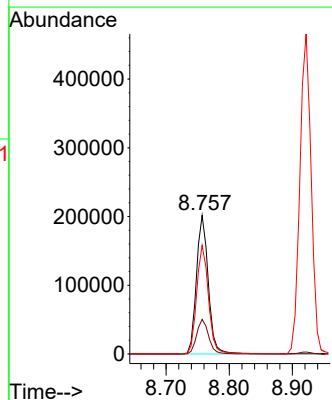
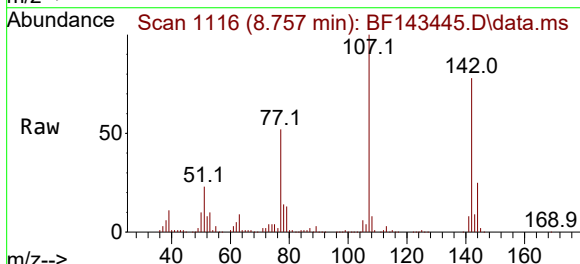
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

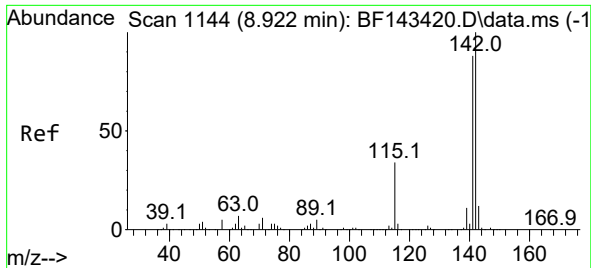
Tgt Ion:113 Resp: 71754  
Ion Ratio Lower Upper  
113 100  
55 193.1 174.7 214.7  
56 145.1 127.0 167.0



#36  
4-Chloro-3-methylphenol  
Concen: 38.544 ng  
RT: 8.757 min Scan# 1116  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:107 Resp: 263029  
Ion Ratio Lower Upper  
107 100  
144 25.0 20.2 30.2  
142 78.4 62.0 93.0

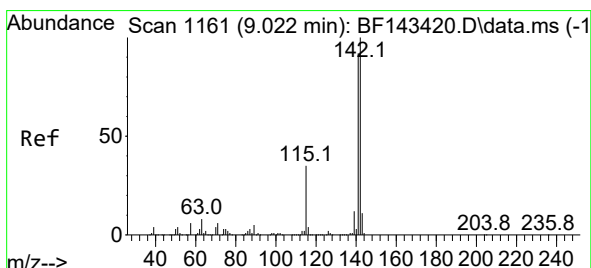
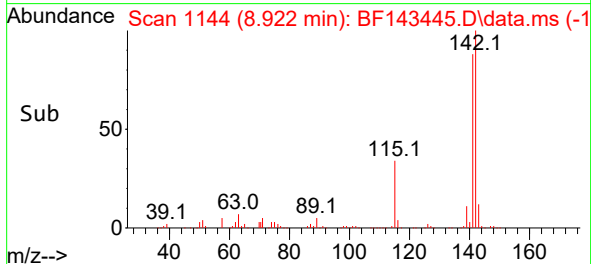
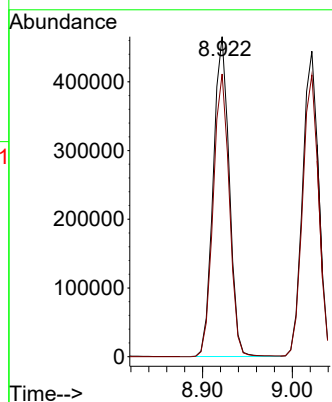
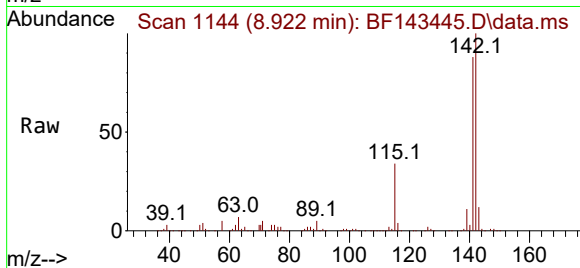




#37  
2-Methylnaphthalene  
Concen: 38.423 ng  
RT: 8.922 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

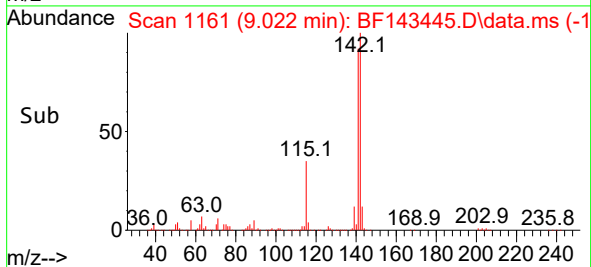
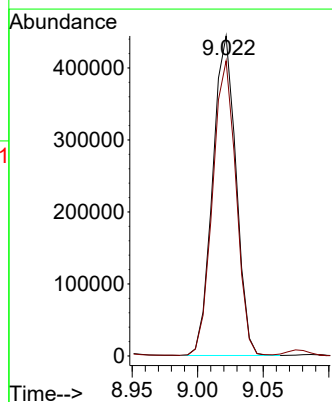
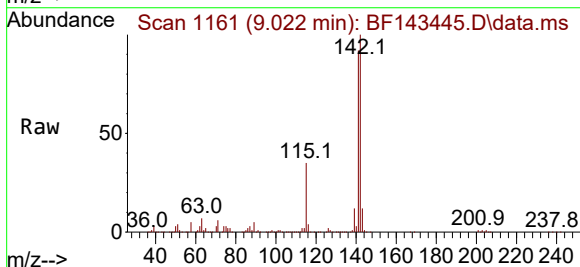
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

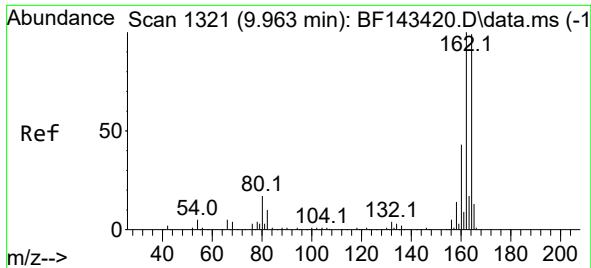
Tgt Ion:142 Resp: 578915  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.3 105.5



#38  
1-Methylnaphthalene  
Concen: 38.107 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:142 Resp: 550089  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.8 110.6

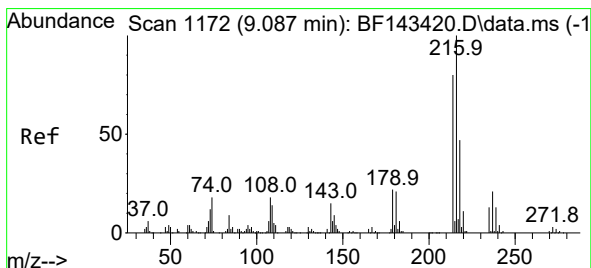
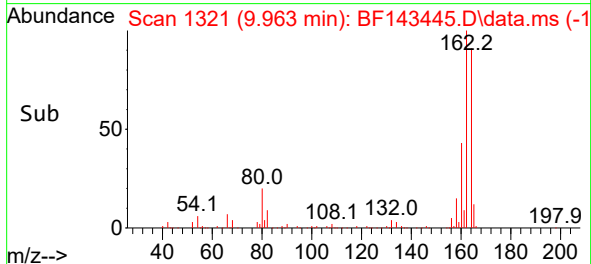
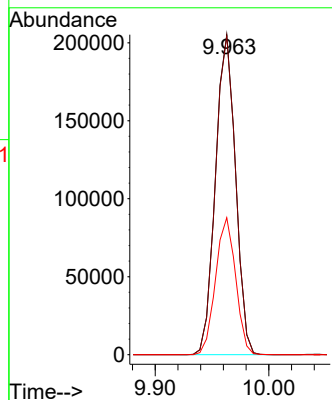
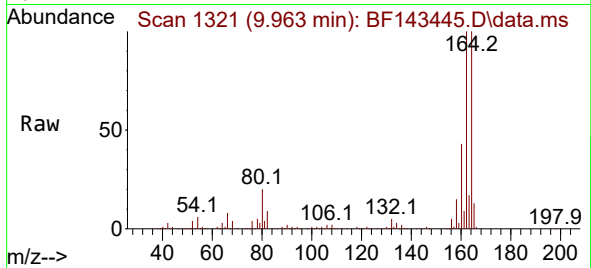




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

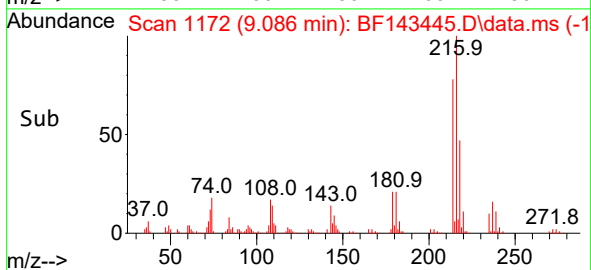
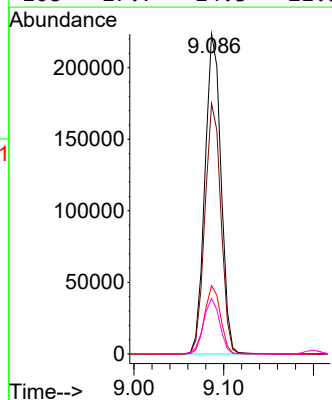
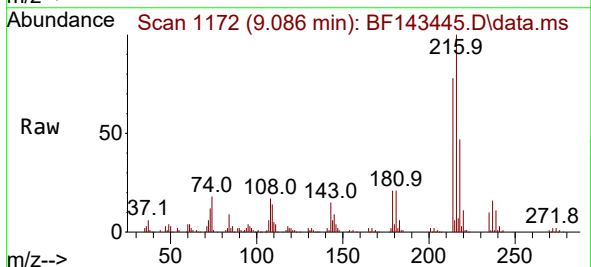
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BNA\_F  
ClientSampleId :  
SSTDCCC040

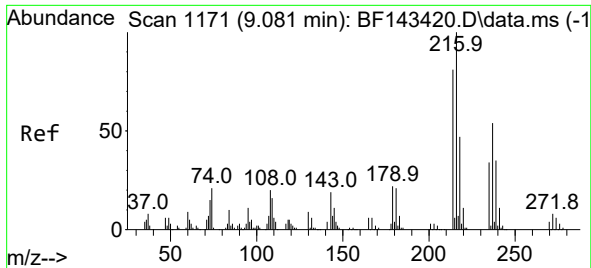
Tgt Ion:164 Resp: 251926  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 121.0  
160 42.8 34.6 51.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.489 ng  
RT: 9.086 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:216 Resp: 277447  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.7 95.5  
179 21.1 17.0 25.4  
108 17.7 14.3 21.5

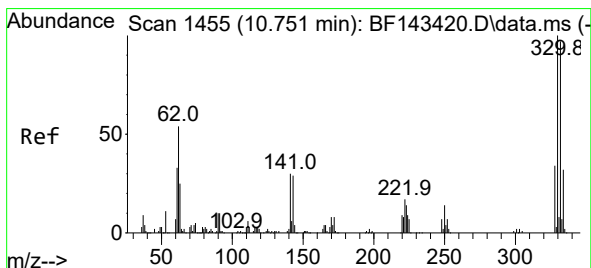
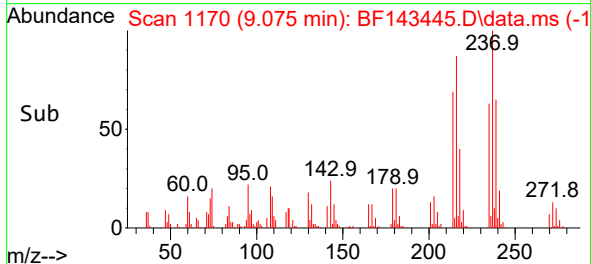
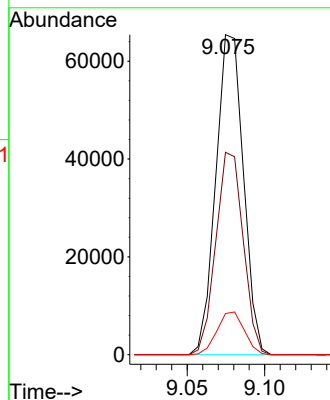
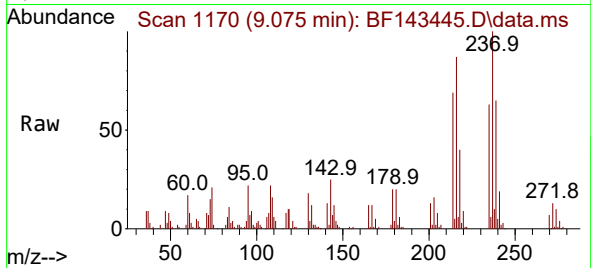




#41  
Hexachlorocyclopentadiene  
Concen: 35.643 ng  
RT: 9.075 min Scan# 1171  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

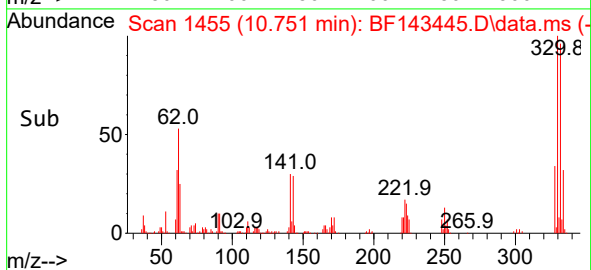
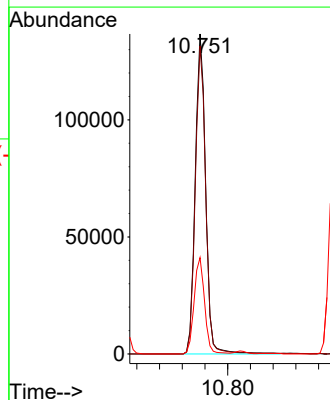
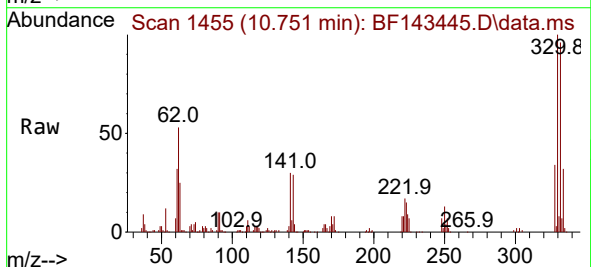
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 237 Resp: 81116  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.6 81.6  
272 12.9 0.0 33.8

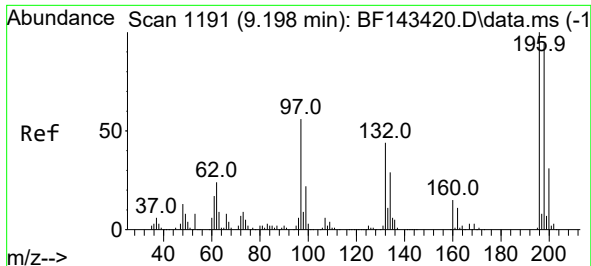


#42  
2,4,6-Tribromophenol  
Concen: 78.092 ng  
RT: 10.751 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 330 Resp: 175109  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.4 116.2  
141 30.3 24.1 36.1







#43

2,4,6-Trichlorophenol

Concen: 39.809 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

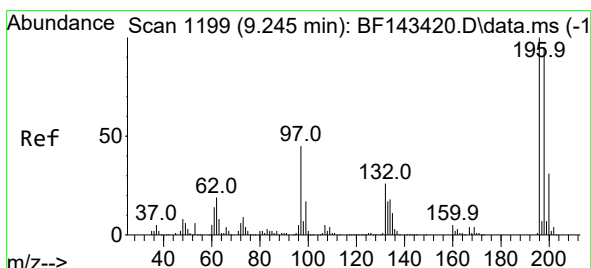
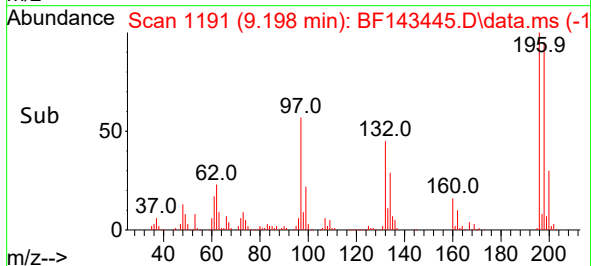
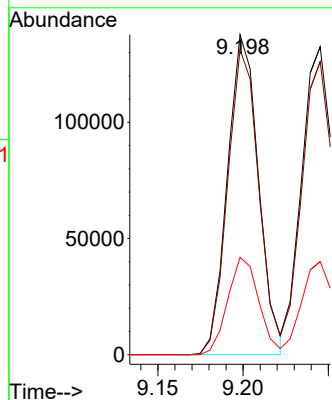
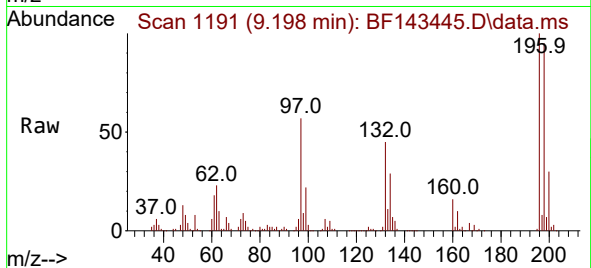
Tgt Ion:196 Resp: 174471

Ion Ratio Lower Upper

196 100

198 95.4 75.4 113.2

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.168 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Tgt Ion:196 Resp: 188711

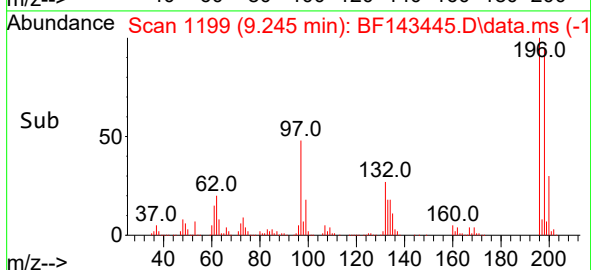
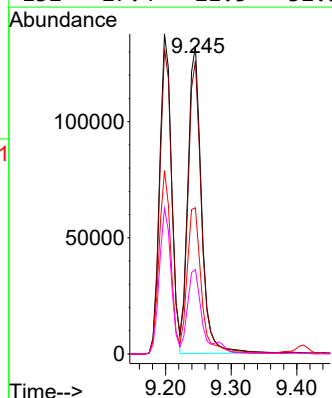
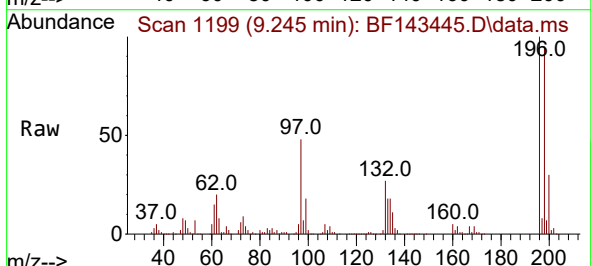
Ion Ratio Lower Upper

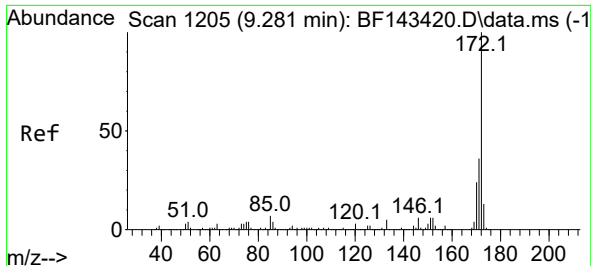
196 100

198 95.2 76.2 114.4

97 47.5 36.6 55.0

132 27.4 21.5 32.3

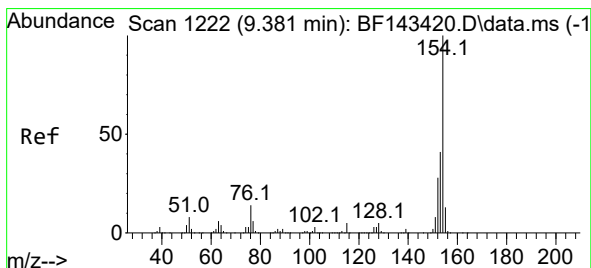
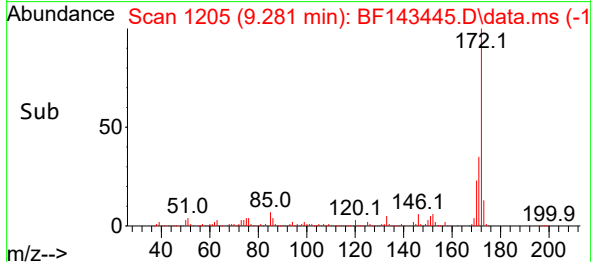
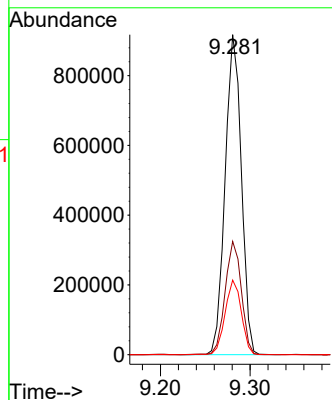
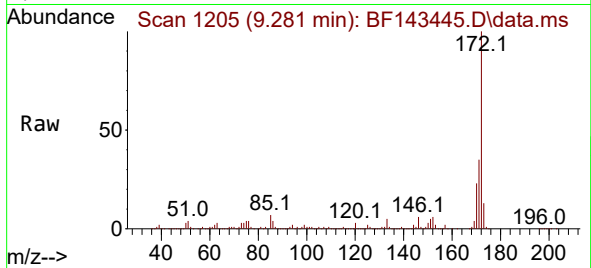




#45  
2-Fluorobiphenyl  
Concen: 76.880 ng  
RT: 9.281 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

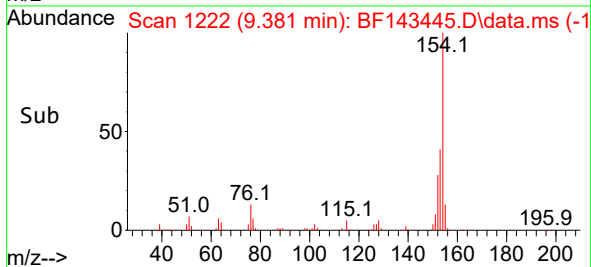
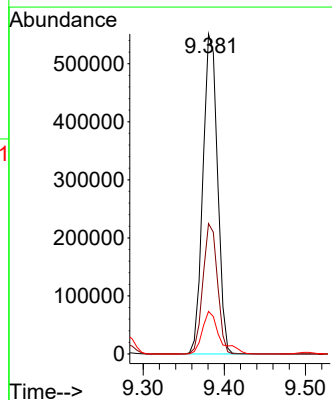
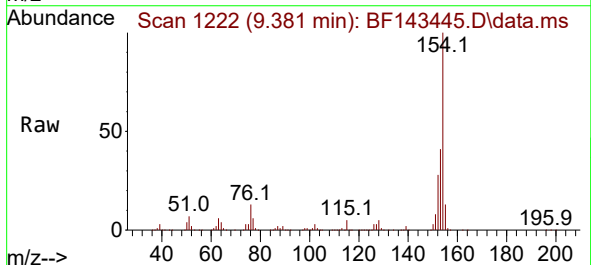
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

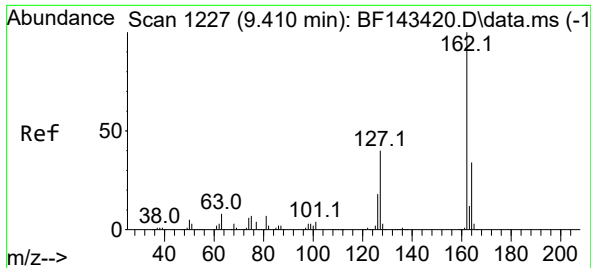
Tgt Ion:172 Resp: 1151496  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.3 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 38.859 ng  
RT: 9.381 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:154 Resp: 687835  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.6 60.6  
76 13.3 0.0 33.8

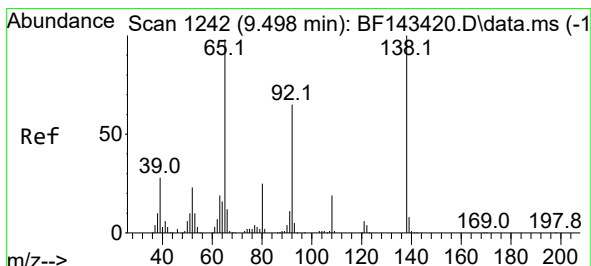
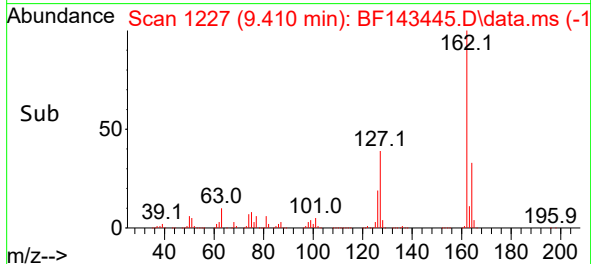
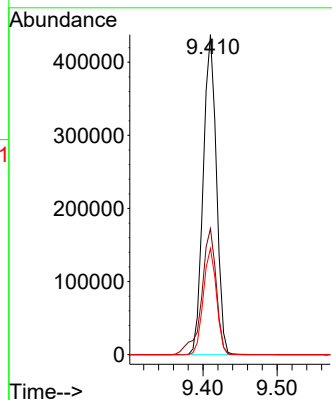
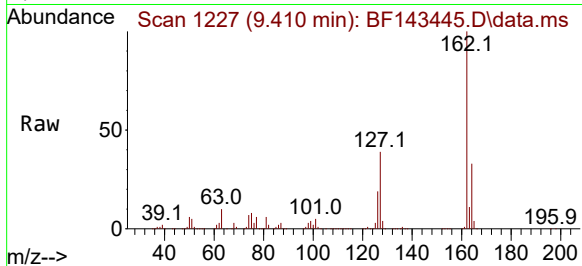




#47  
2-Chloronaphthalene  
Concen: 38.762 ng  
RT: 9.410 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

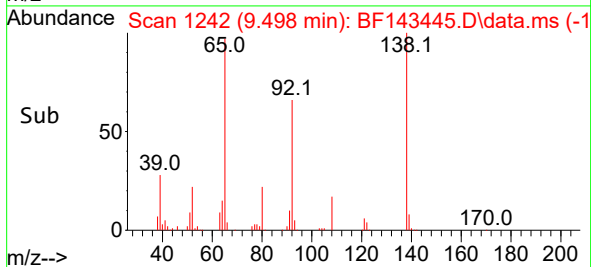
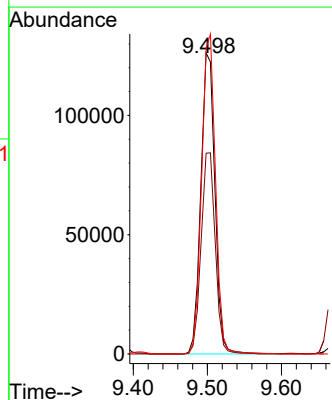
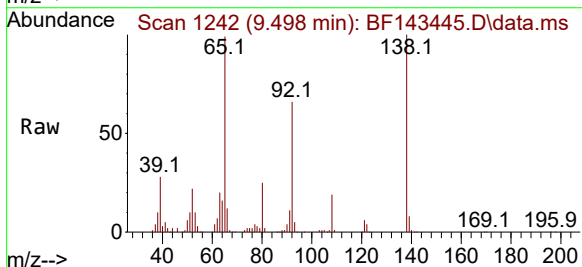
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

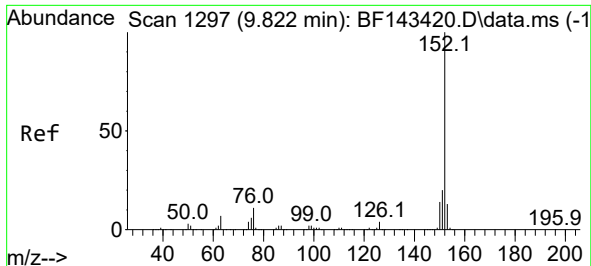
Tgt Ion:162 Resp: 541591  
Ion Ratio Lower Upper  
162 100  
127 39.4 32.3 48.5  
164 33.2 26.9 40.3



#48  
2-Nitroaniline  
Concen: 40.168 ng  
RT: 9.498 min Scan# 1242  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion: 65 Resp: 167018  
Ion Ratio Lower Upper  
65 100  
92 66.7 52.9 79.3  
138 101.5 81.3 121.9

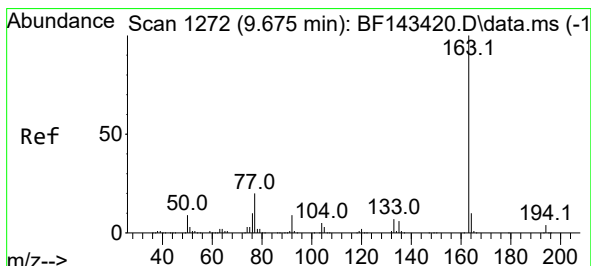
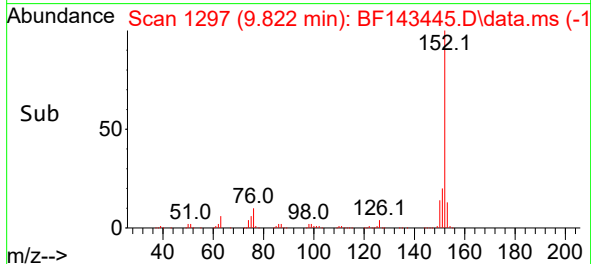
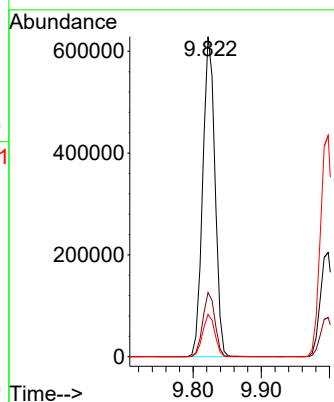
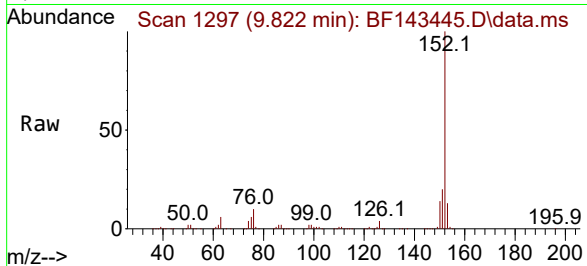




#49  
Acenaphthylene  
Concen: 38.817 ng  
RT: 9.822 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

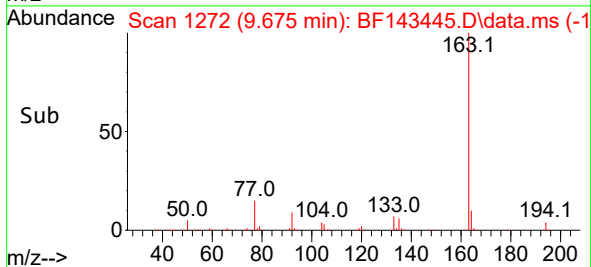
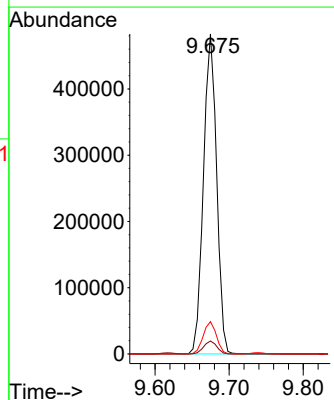
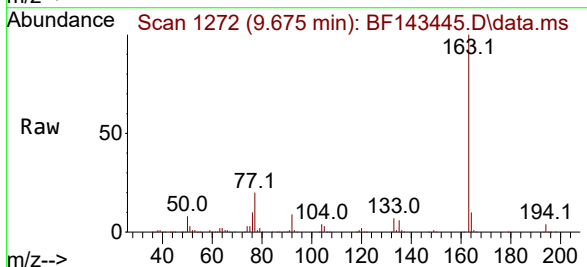
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

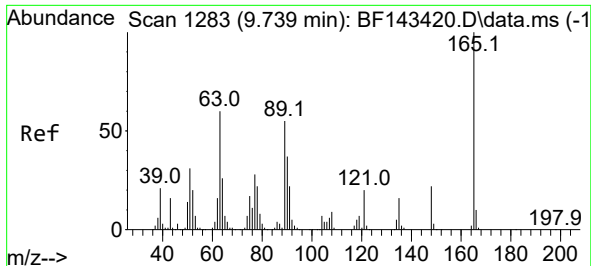
Tgt Ion:152 Resp: 783068  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.2 10.8 16.2



#50  
Dimethylphthalate  
Concen: 37.950 ng  
RT: 9.675 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:163 Resp: 596061  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.1 8.2 12.4

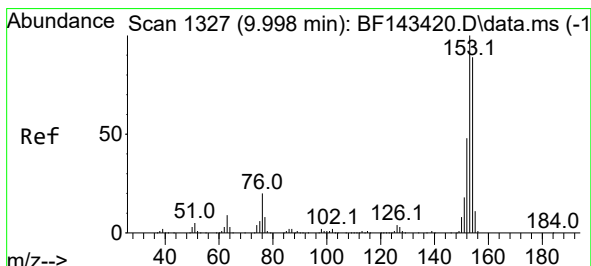
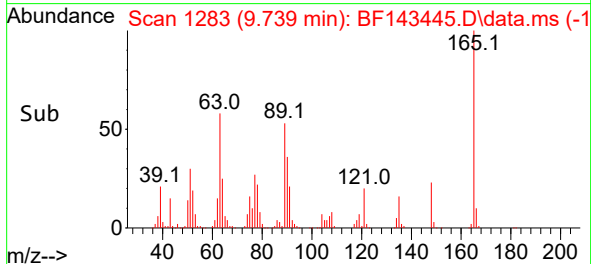
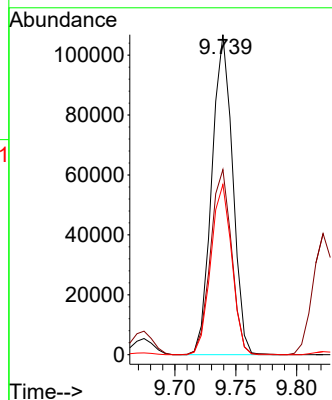
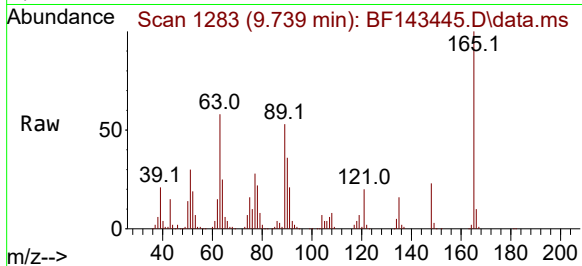




#51  
2,6-Dinitrotoluene  
Concen: 41.056 ng  
RT: 9.739 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

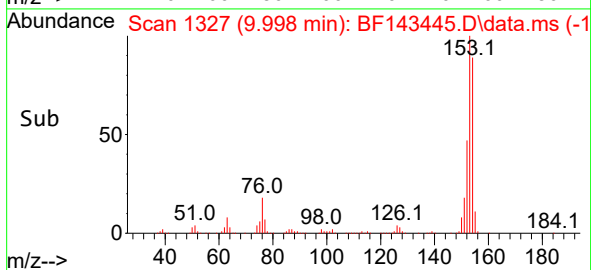
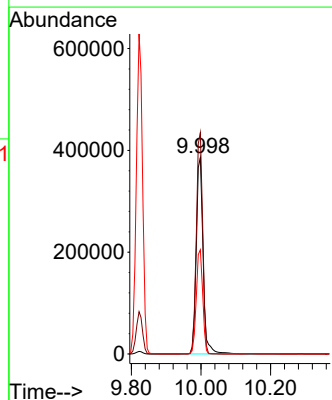
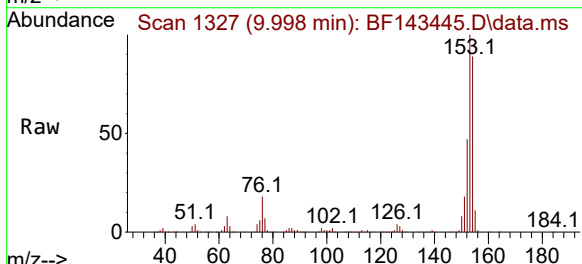
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

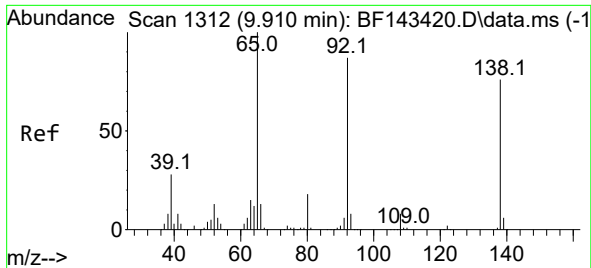
Tgt Ion:165 Resp: 127119  
Ion Ratio Lower Upper  
165 100  
63 57.9 48.2 72.2  
89 53.2 44.2 66.2



#52  
Acenaphthene  
Concen: 38.798 ng  
RT: 9.998 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:154 Resp: 526415  
Ion Ratio Lower Upper  
154 100  
153 112.7 89.5 134.3  
152 53.0 42.6 64.0

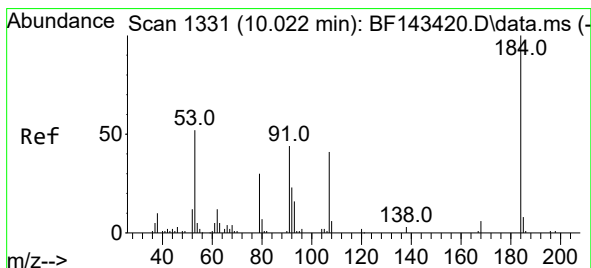
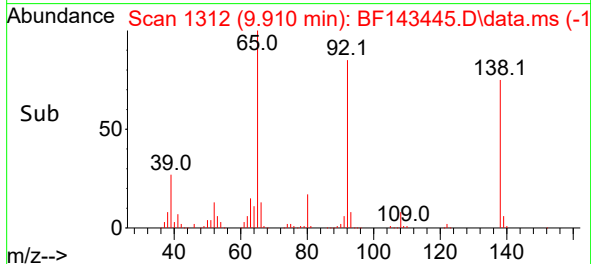
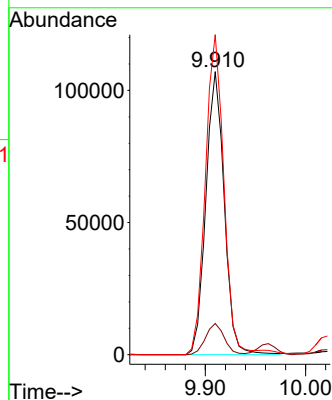
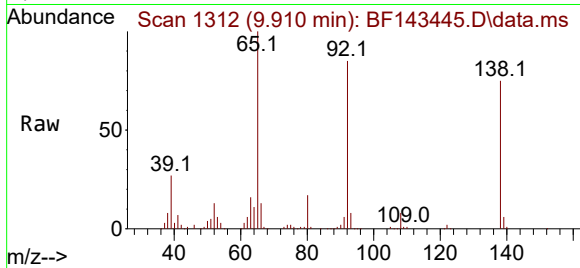




#53  
3-Nitroaniline  
Concen: 39.632 ng  
RT: 9.910 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

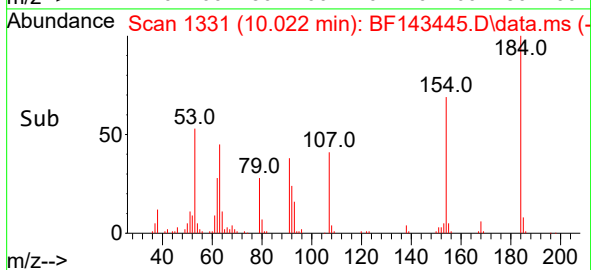
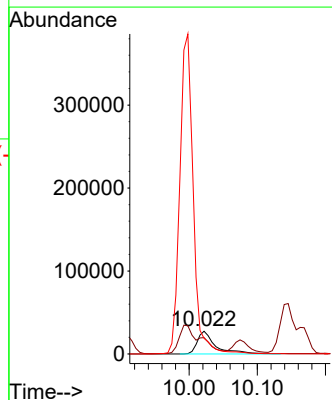
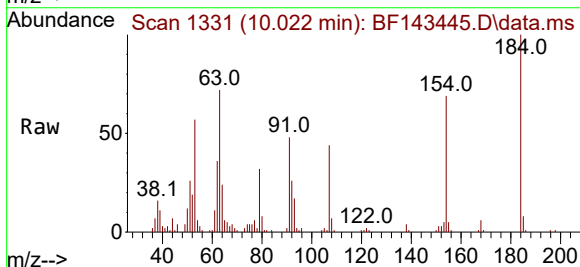
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

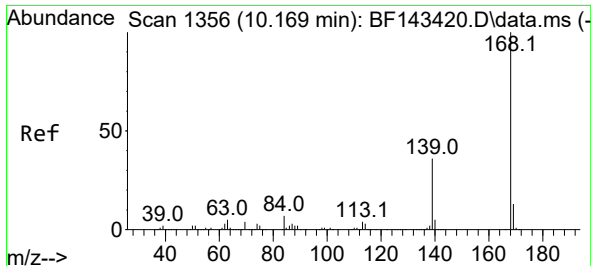
Tgt Ion:138 Resp: 136688  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.7 13.1  
92 113.1 91.4 137.2



#54  
2,4-Dinitrophenol  
Concen: 38.759 ng  
RT: 10.022 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:184 Resp: 51176  
Ion Ratio Lower Upper  
184 100  
63 72.2 53.2 79.8  
154 69.1 51.3 76.9

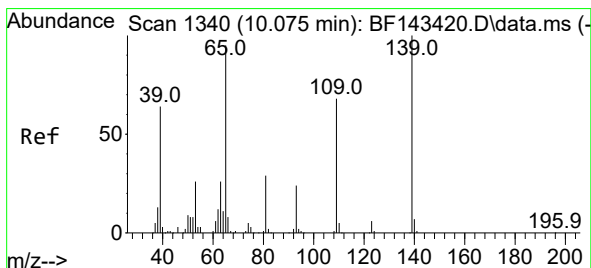
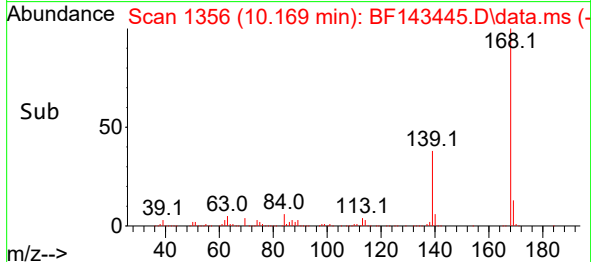
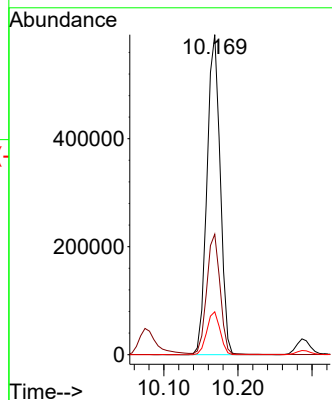
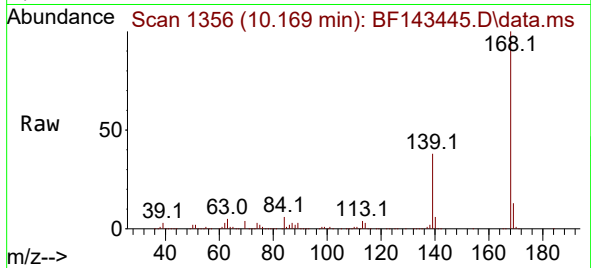




#55  
Dibenzofuran  
Concen: 37.552 ng  
RT: 10.169 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

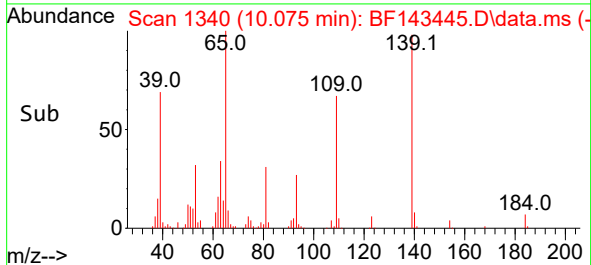
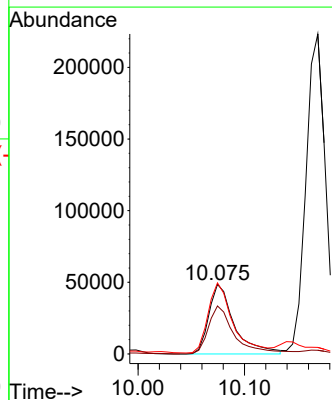
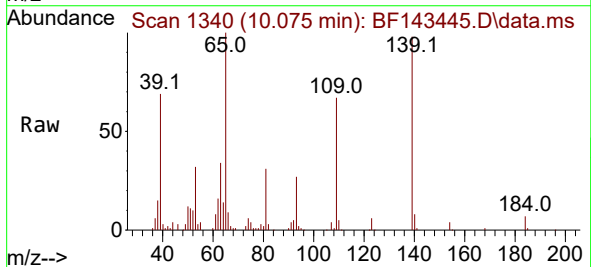
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

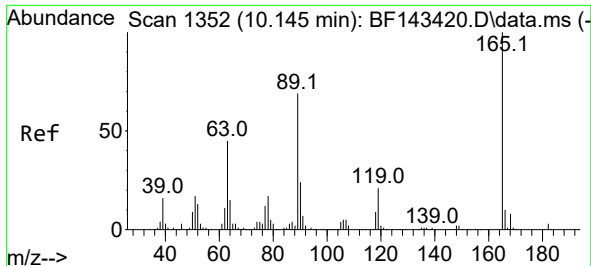
Tgt Ion:168 Resp: 735002  
Ion Ratio Lower Upper  
168 100  
139 37.7 29.3 43.9  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 37.201 ng  
RT: 10.075 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:139 Resp: 80665  
Ion Ratio Lower Upper  
139 100  
109 69.0 47.7 87.7  
65 102.2 76.4 116.4

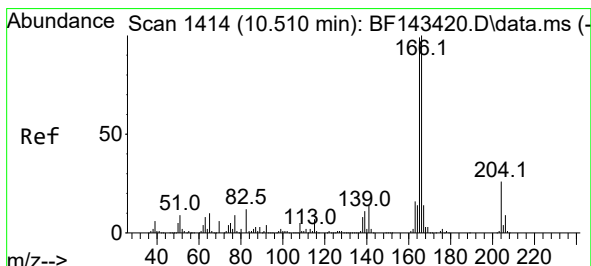
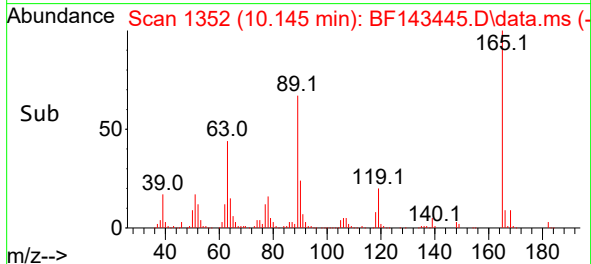
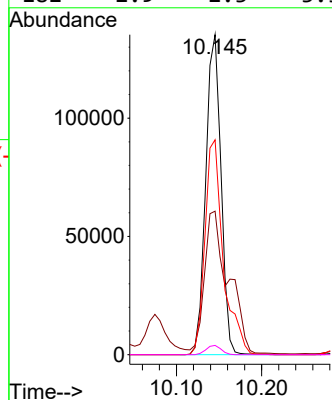
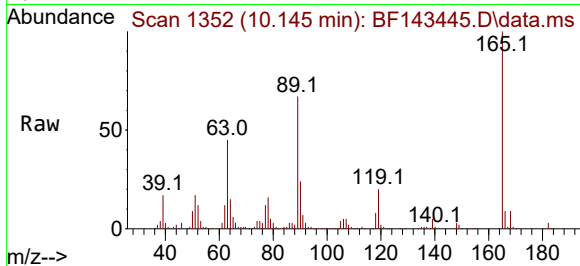




#57  
2,4-Dinitrotoluene  
Concen: 40.831 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

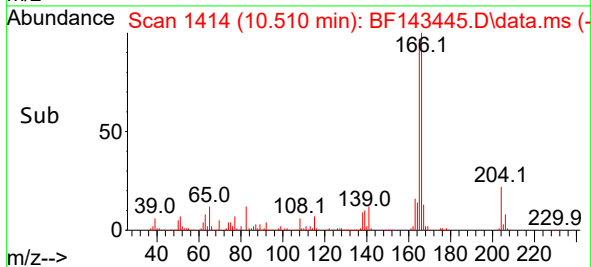
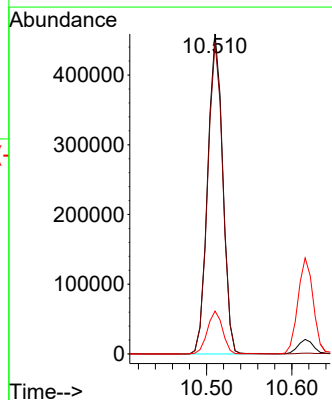
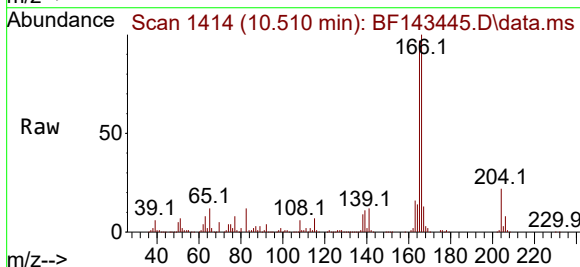
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 168551  
Ion Ratio Lower Upper  
165 100  
63 44.8 37.0 55.6  
89 67.1 55.4 83.0  
182 2.9 2.3 3.5

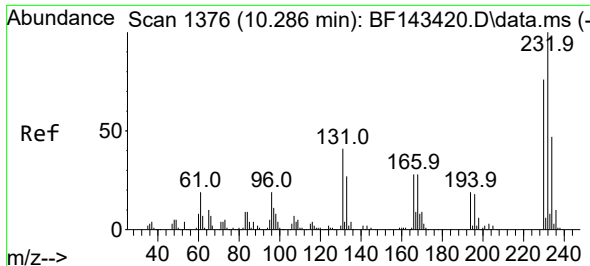


#58  
Fluorene  
Concen: 37.568 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:166 Resp: 564896  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.0 118.6  
167 13.4 10.9 16.3





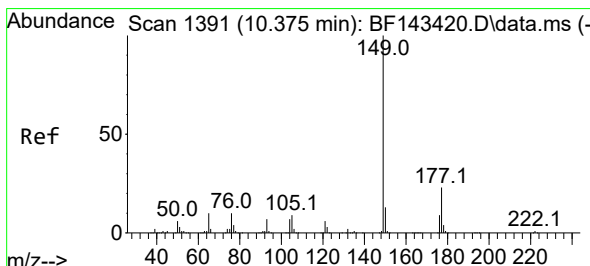
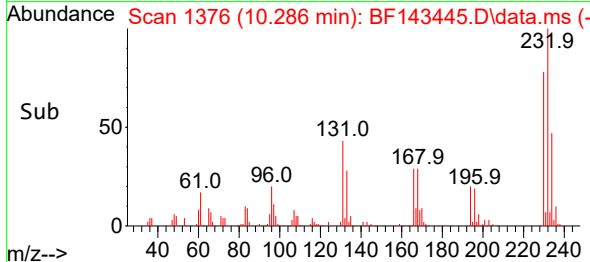
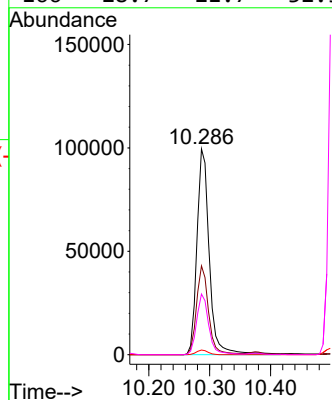
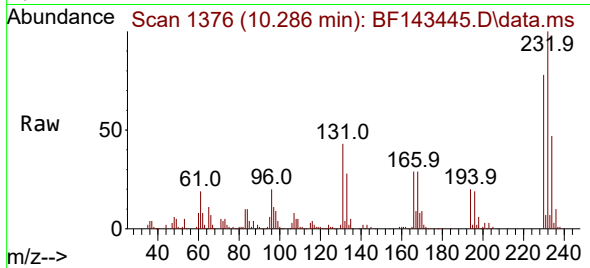


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.604 ng  
RT: 10.286 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 140842

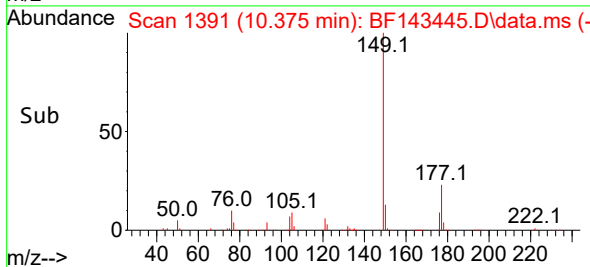
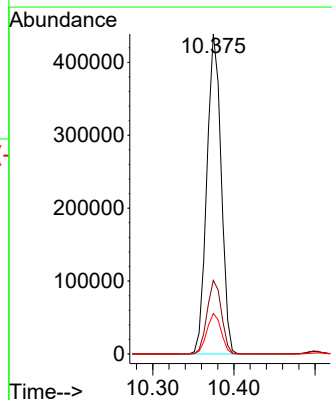
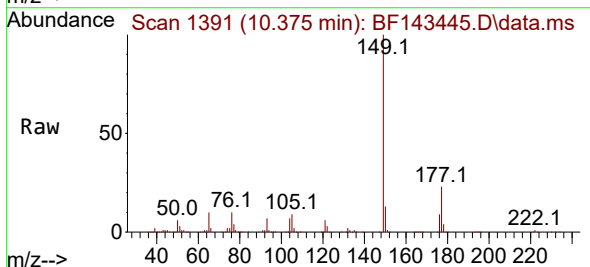
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 41.7  | 32.0  | 48.0  |
| 130 | 2.1   | 1.7   | 2.5   |
| 166 | 28.7  | 21.7  | 32.5  |

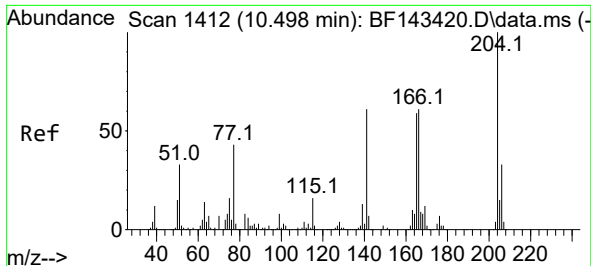


#60  
Diethylphthalate  
Concen: 36.905 ng  
RT: 10.375 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:149 Resp: 535646

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.0  | 18.2  | 27.4  |
| 150 | 12.7  | 10.1  | 15.1  |

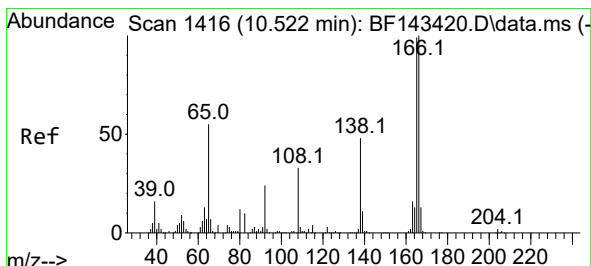
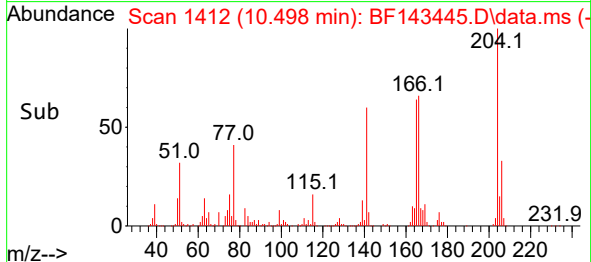
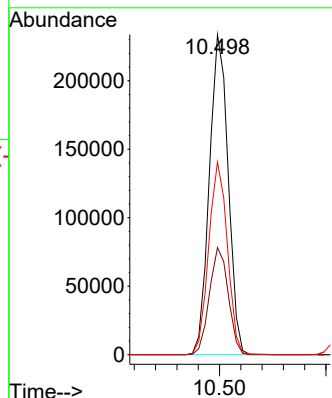
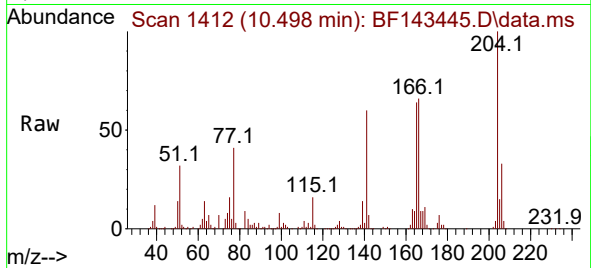




#61  
4-Chlorophenyl-phenylether  
Concen: 38.452 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

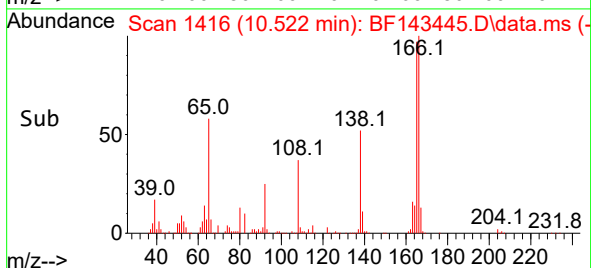
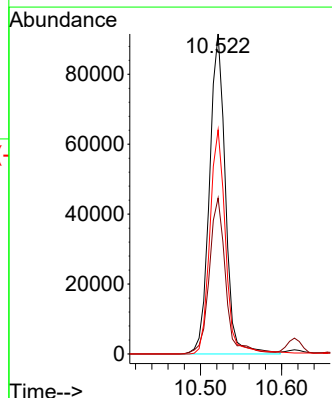
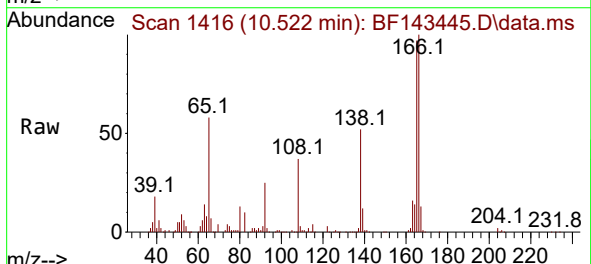
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

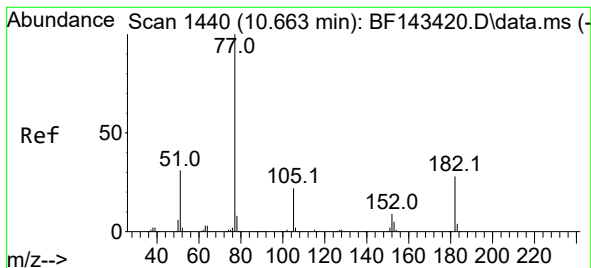
Tgt Ion:204 Resp: 285860  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.5 39.7  
141 60.2 49.0 73.4



#62  
4-Nitroaniline  
Concen: 38.667 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:138 Resp: 124720  
Ion Ratio Lower Upper  
138 100  
92 48.8 29.4 69.4  
108 70.0 48.6 88.6

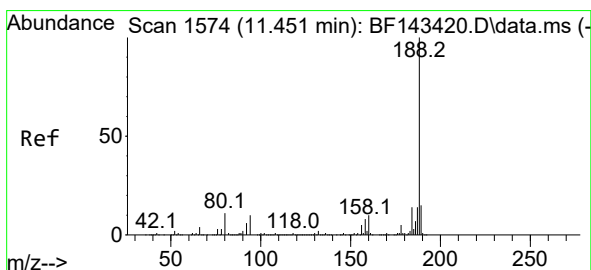
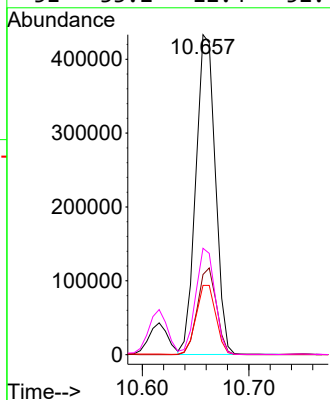
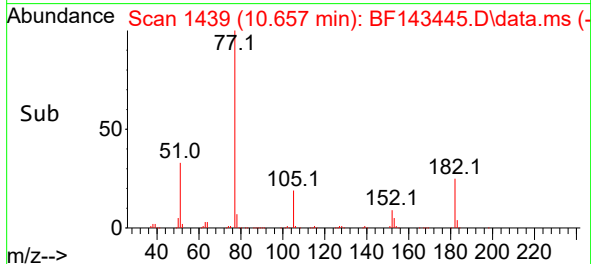
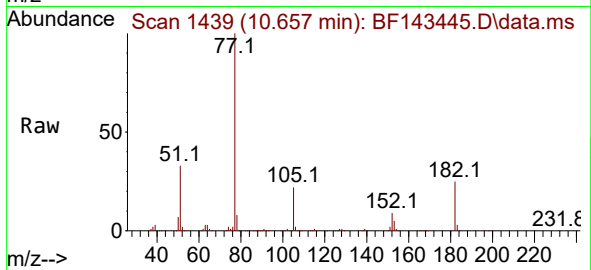




#63  
Azobenzene  
Concen: 37.693 ng  
RT: 10.657 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

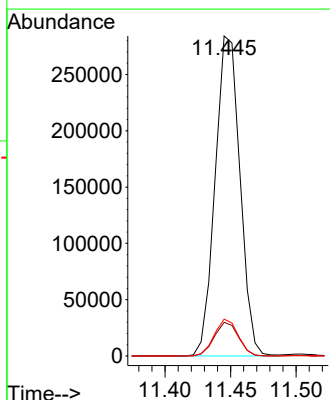
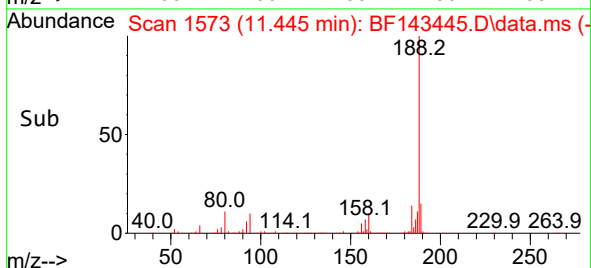
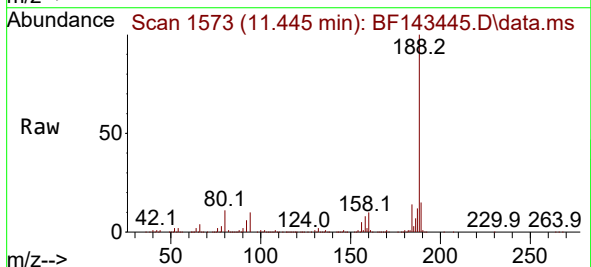
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

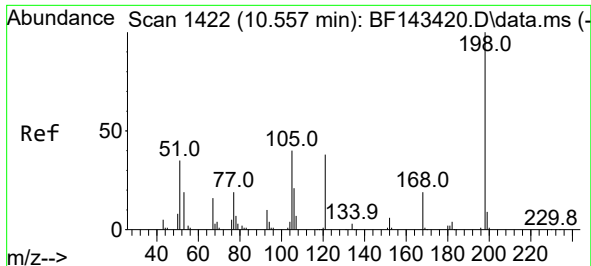
Tgt Ion: 77 Resp: 552945  
Ion Ratio Lower Upper  
77 100  
182 25.0 7.4 47.4  
105 21.7 1.7 41.7  
51 33.2 12.4 52.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:188 Resp: 374076  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.0 12.0  
80 11.5 8.6 12.8

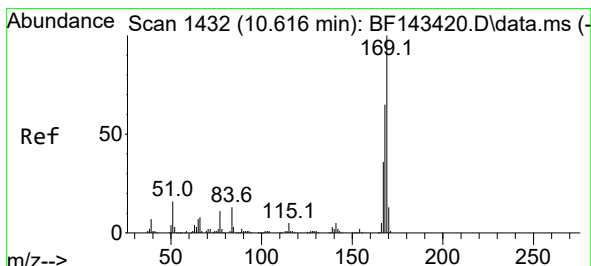
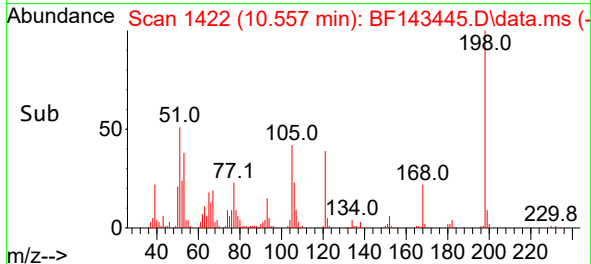
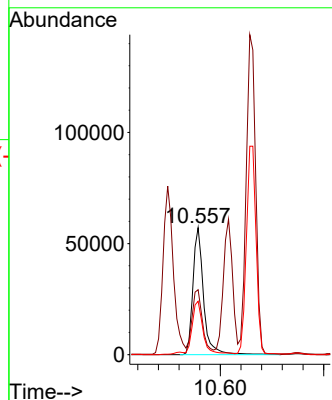
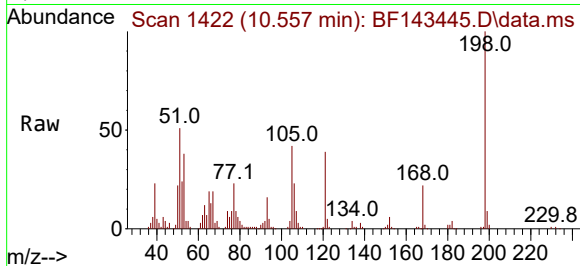




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.402 ng  
RT: 10.557 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

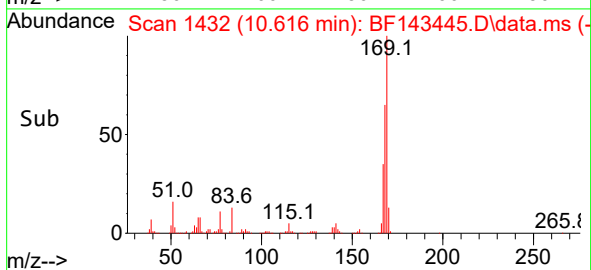
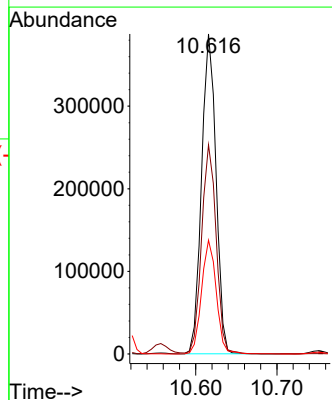
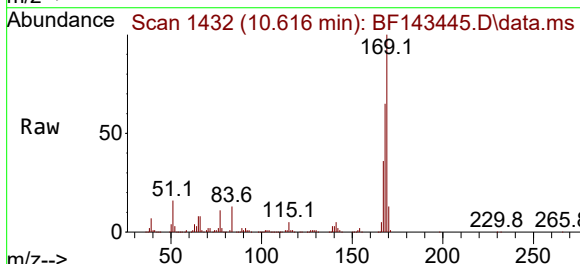
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

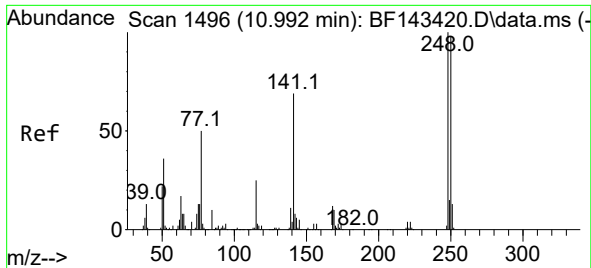
Tgt Ion:198 Resp: 81840  
Ion Ratio Lower Upper  
198 100  
51 51.1 31.2 71.2  
105 42.0 21.7 61.7



#66  
n-Nitrosodiphenylamine  
Concen: 39.240 ng  
RT: 10.616 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:169 Resp: 477290  
Ion Ratio Lower Upper  
169 100  
168 65.4 52.5 78.7  
167 35.5 28.6 42.8

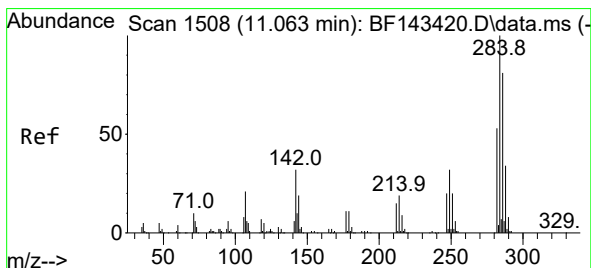
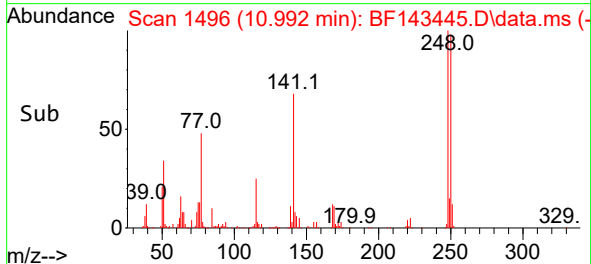
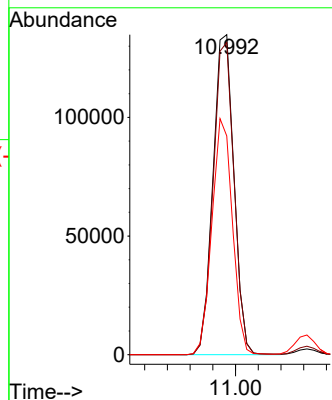
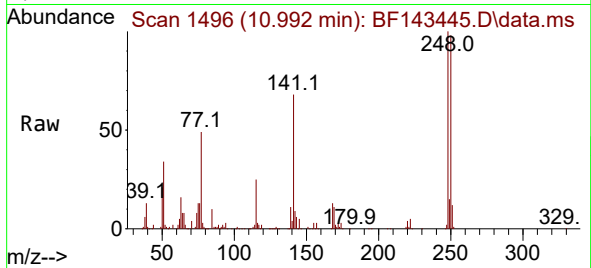




#67  
4-Bromophenyl-phenylether  
Concen: 39.202 ng  
RT: 10.992 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

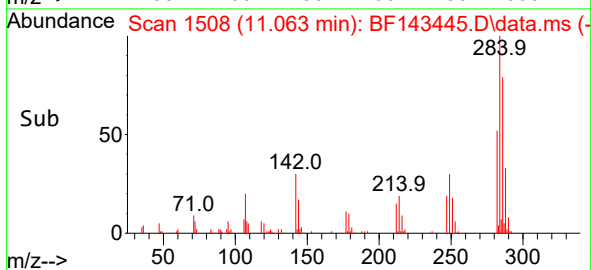
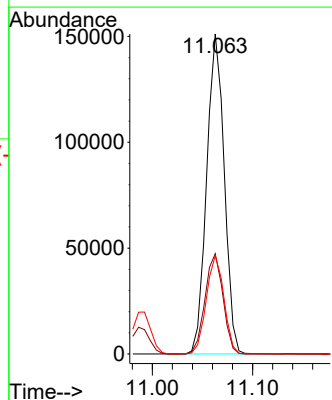
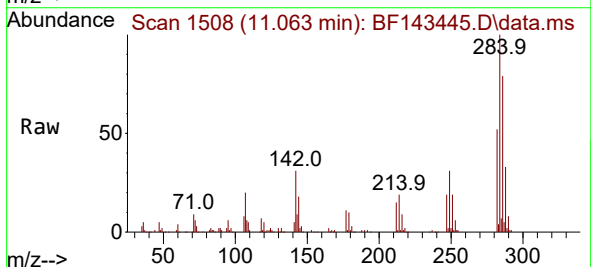
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

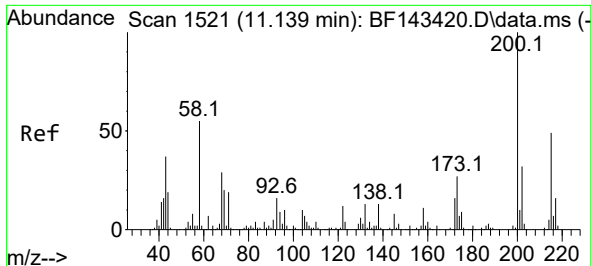
Tgt Ion:248 Resp: 173167  
Ion Ratio Lower Upper  
248 100  
250 97.5 78.6 118.0  
141 68.3 54.9 82.3



#68  
Hexachlorobenzene  
Concen: 39.392 ng  
RT: 11.063 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:284 Resp: 184987  
Ion Ratio Lower Upper  
284 100  
142 31.4 25.4 38.2  
249 30.7 25.4 38.0

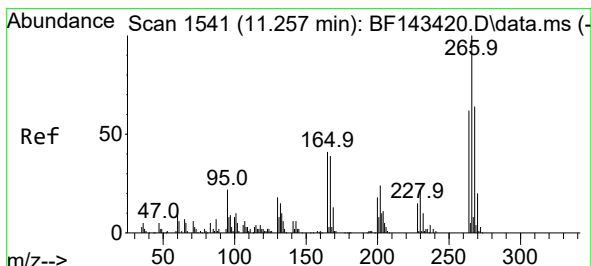
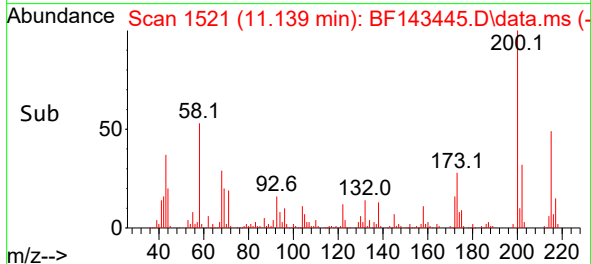
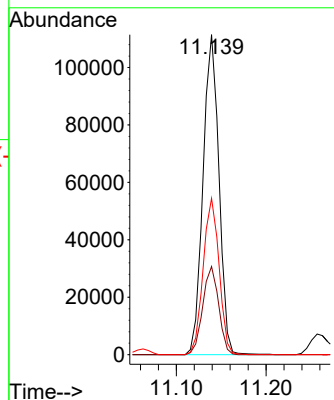
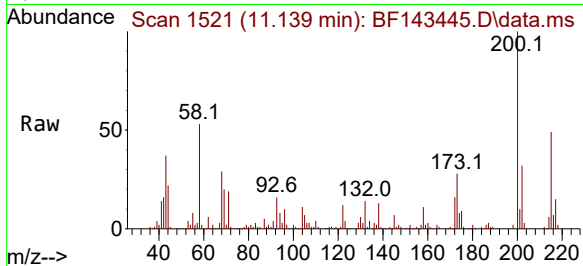




#69  
 Atrazine  
 Concen: 38.541 ng  
 RT: 11.139 min Scan# 1521  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

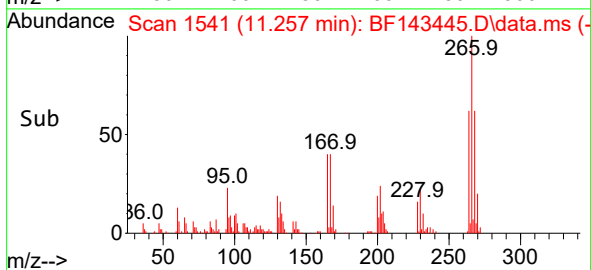
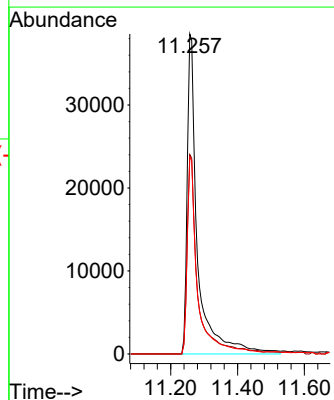
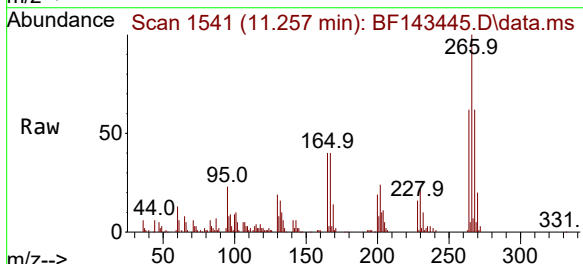
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

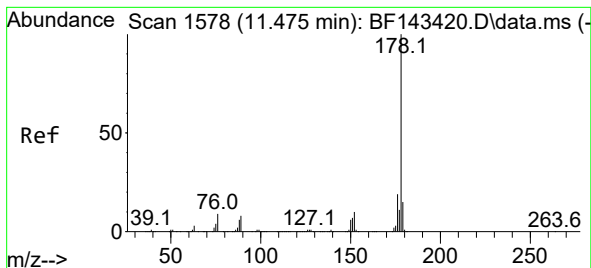
Tgt Ion:200 Resp: 137115  
 Ion Ratio Lower Upper  
 200 100  
 173 27.6 6.6 46.6  
 215 48.8 29.5 69.5



#70  
 Pentachlorophenol  
 Concen: 40.495 ng  
 RT: 11.257 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Tgt Ion:266 Resp: 83629  
 Ion Ratio Lower Upper  
 266 100  
 268 62.3 51.0 76.6  
 264 61.6 49.3 73.9





#71

Phenanthrene

Concen: 38.443 ng

RT: 11.475 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

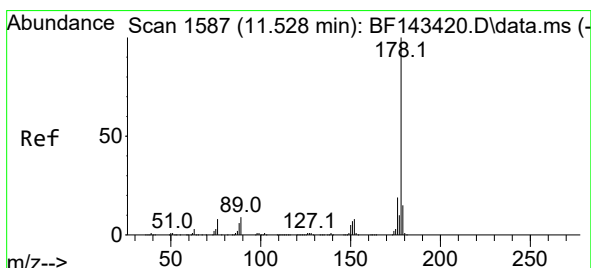
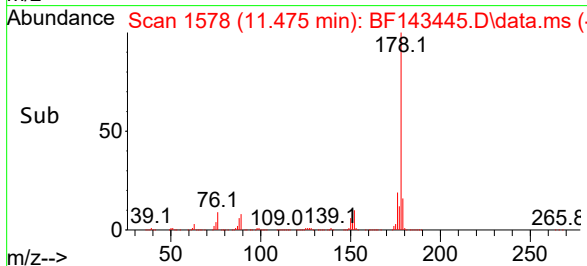
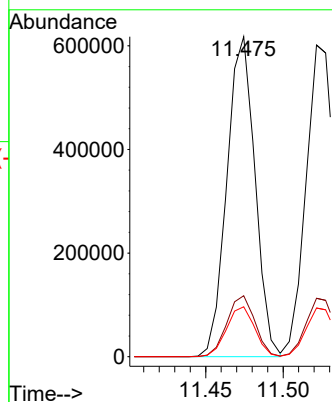
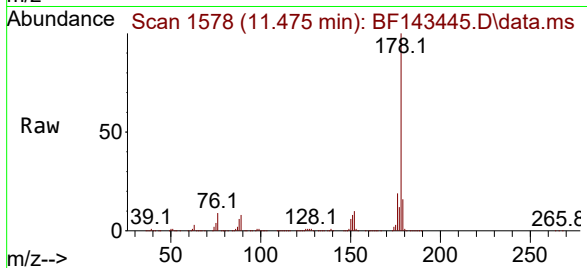
Tgt Ion:178 Resp: 778725

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 38.538 ng

RT: 11.522 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

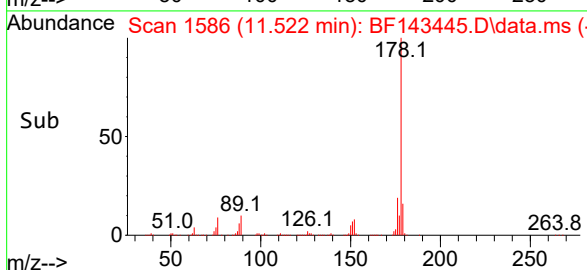
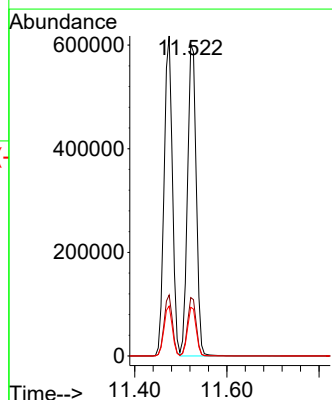
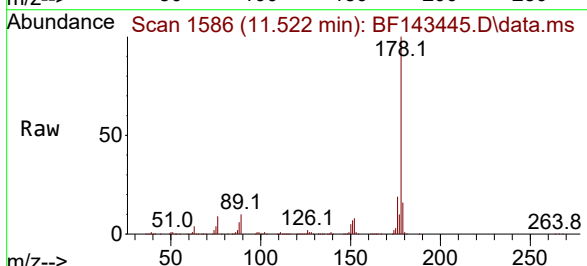
Tgt Ion:178 Resp: 788478

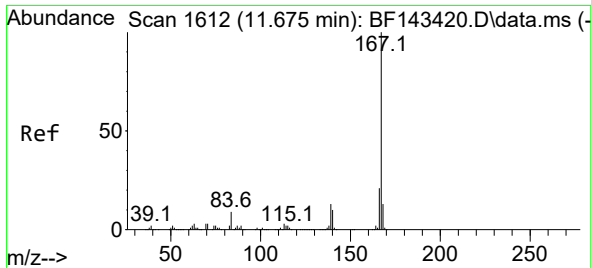
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.6 12.2 18.4

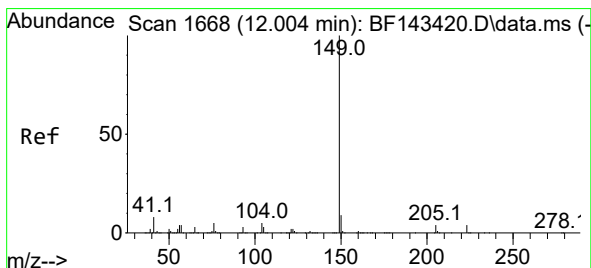
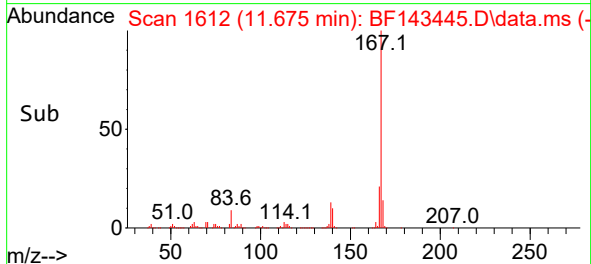
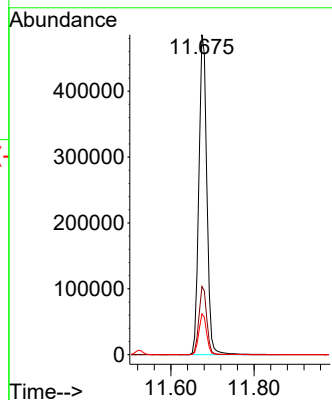
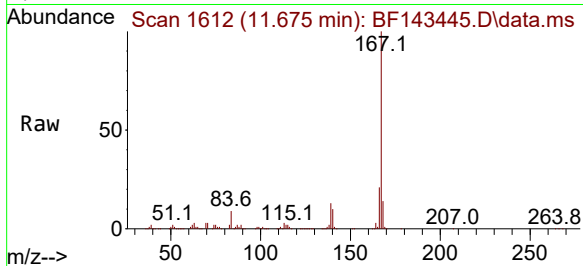




#73  
 Carbazole  
 Concen: 37.459 ng  
 RT: 11.675 min Scan# 1612  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

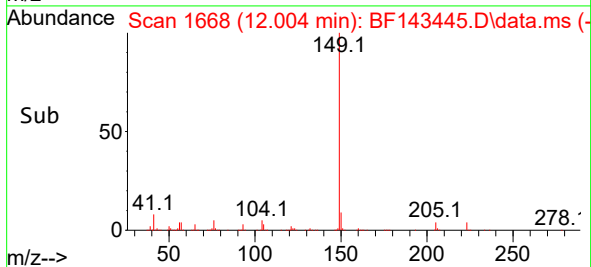
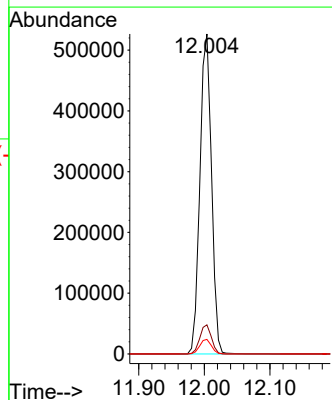
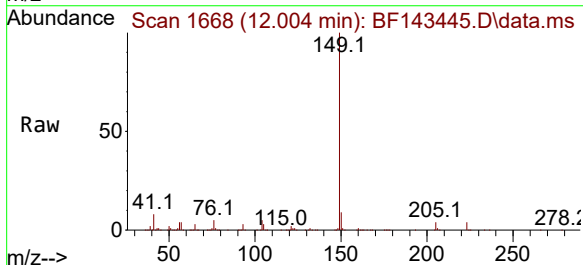
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 648190  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.2 25.8  
 139 12.8 10.1 15.1

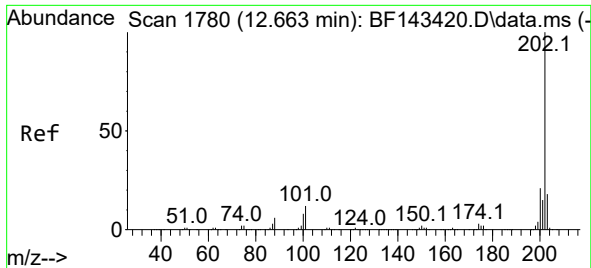


#74  
 Di-n-butylphthalate  
 Concen: 37.595 ng  
 RT: 12.004 min Scan# 1668  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Tgt Ion:149 Resp: 647836  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 4.5 3.8 5.6



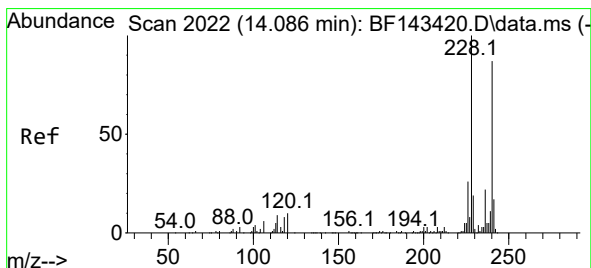
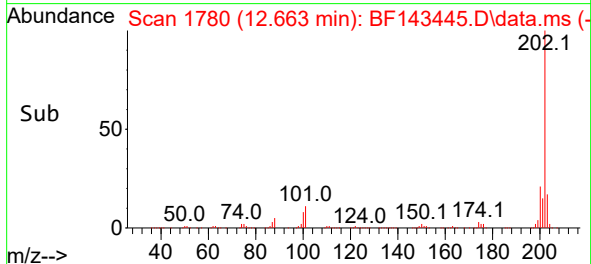
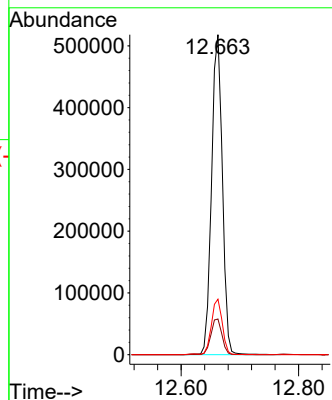
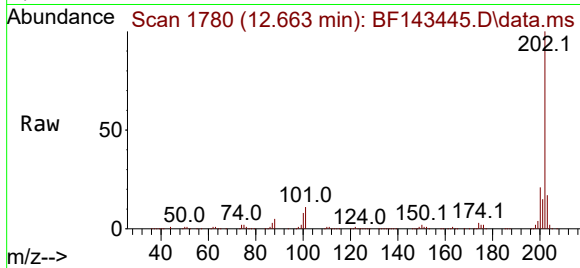




#75  
Fluoranthene  
Concen: 36.593 ng  
RT: 12.663 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

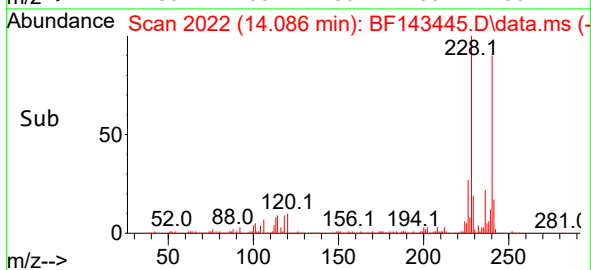
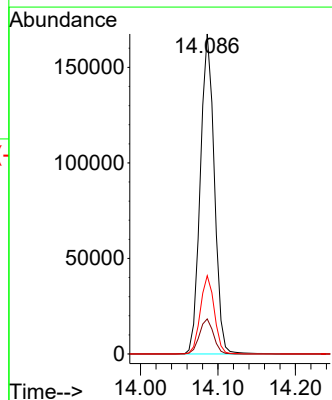
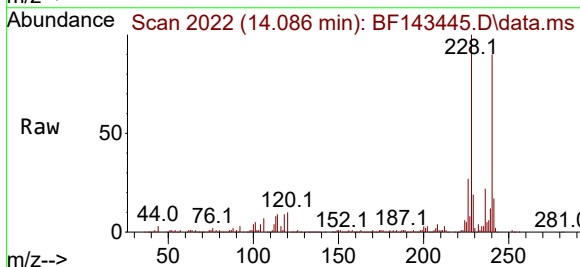
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

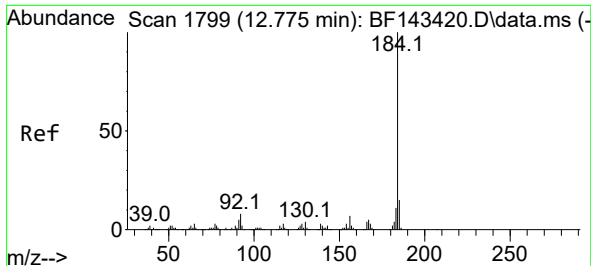
Tgt Ion:202 Resp: 658646  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.5  
203 17.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:240 Resp: 210363  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.0 13.4  
236 24.4 20.2 30.2

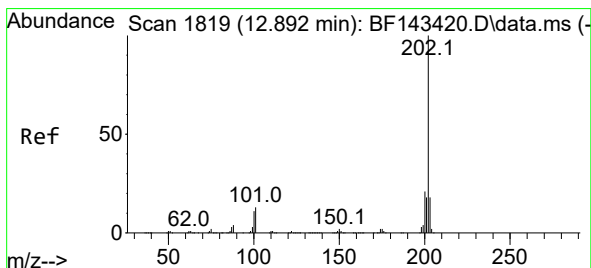
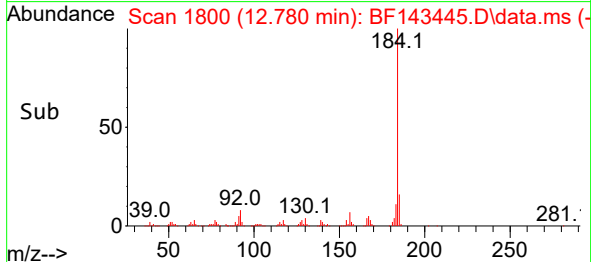
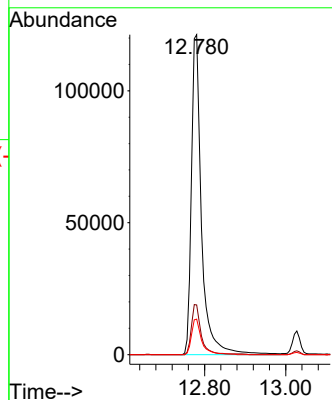
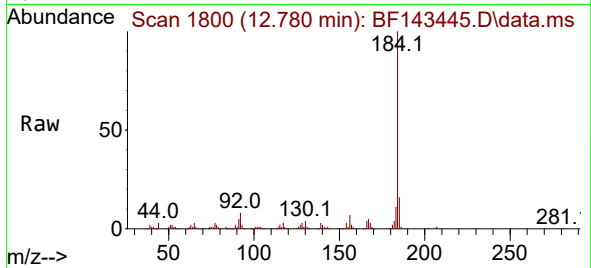




#77  
Benzidine  
Concen: 33.511 ng  
RT: 12.780 min Scan# 1800  
Delta R.T. 0.005 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

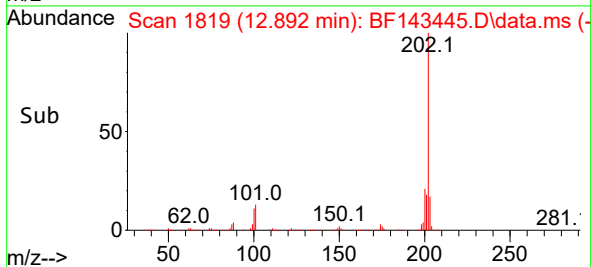
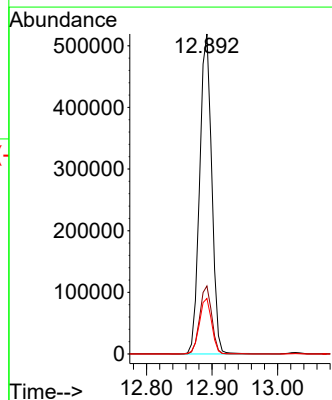
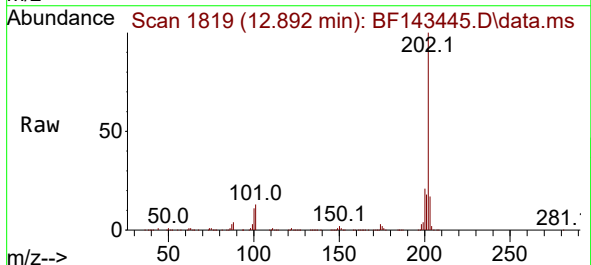
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

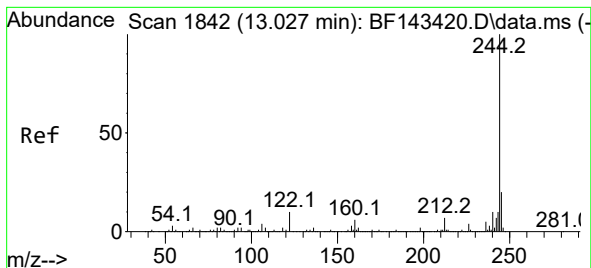
Tgt Ion:184 Resp: 210512  
Ion Ratio Lower Upper  
184 100  
185 15.5 12.2 18.2  
183 11.1 9.2 13.8



#78  
Pyrene  
Concen: 36.459 ng  
RT: 12.892 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:202 Resp: 666629  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.1 25.7  
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 72.100 ng

RT: 13.027 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

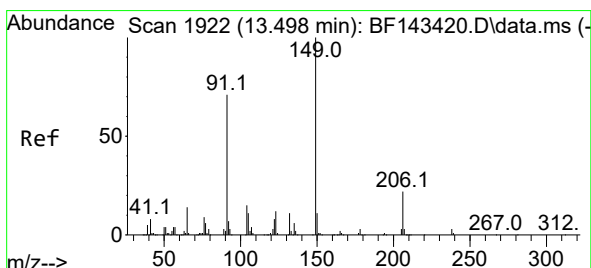
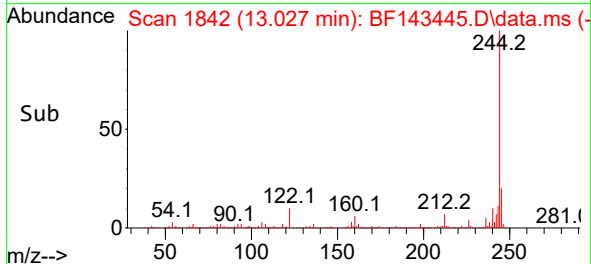
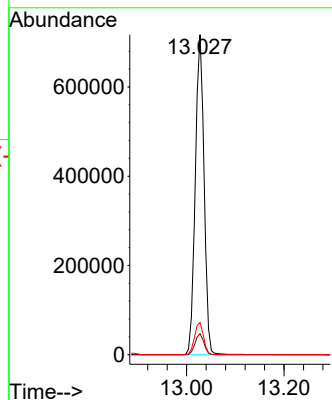
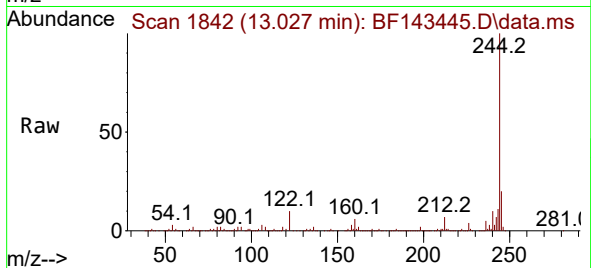
Tgt Ion:244 Resp: 902887

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 43.946 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

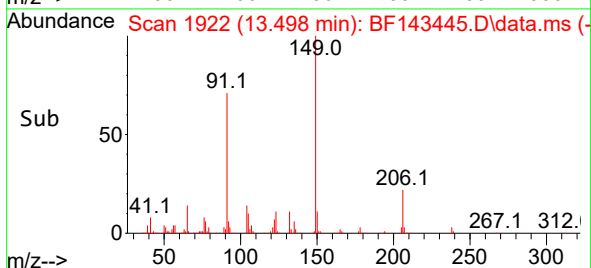
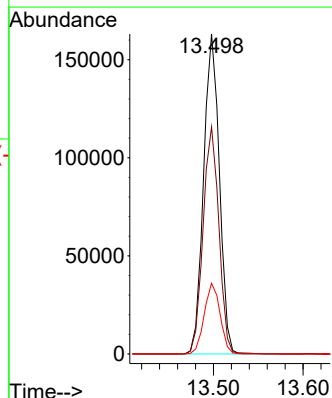
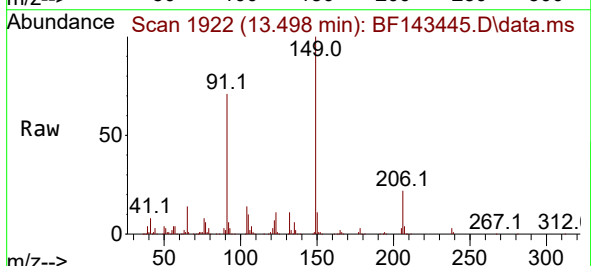
Tgt Ion:149 Resp: 199021

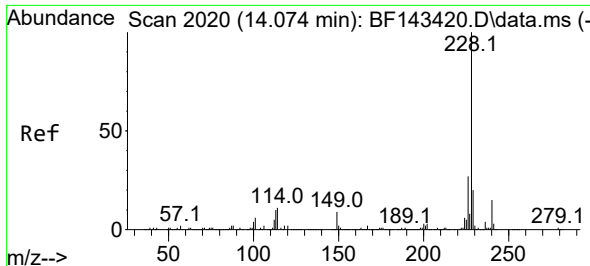
Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

206 22.1 17.6 26.4

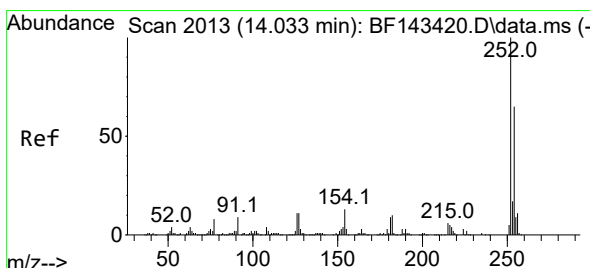
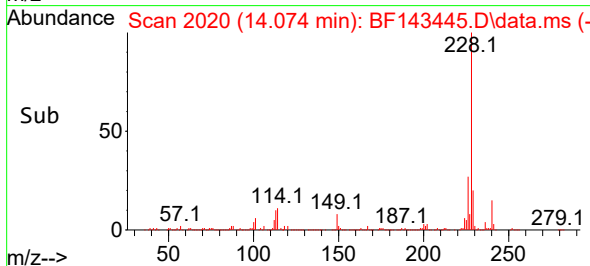
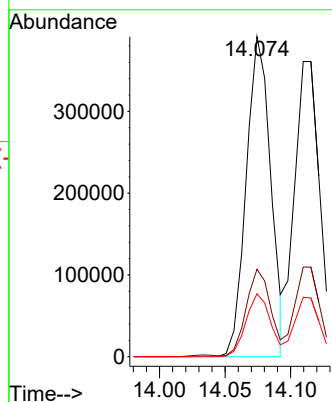
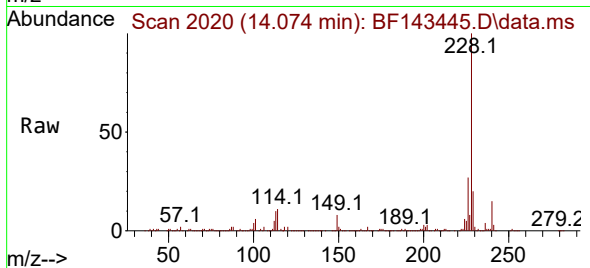




#81  
Benzo(a)anthracene  
Concen: 37.909 ng  
RT: 14.074 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

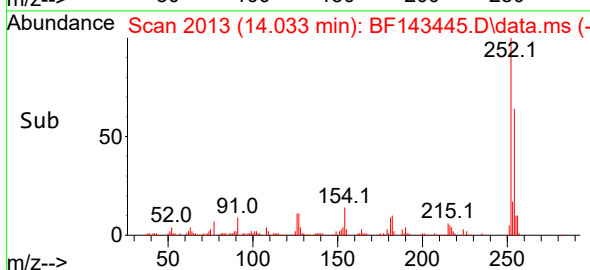
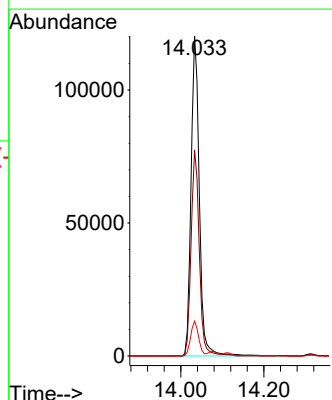
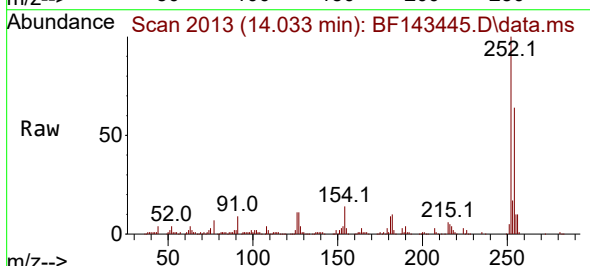
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

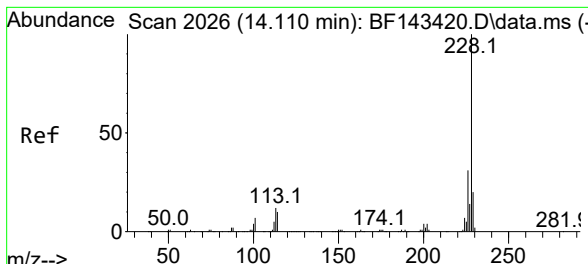
Tgt Ion:228 Resp: 507706  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.5 32.3  
229 19.7 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 42.346 ng  
RT: 14.033 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:252 Resp: 166049  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.6 77.4  
126 10.9 8.8 13.2



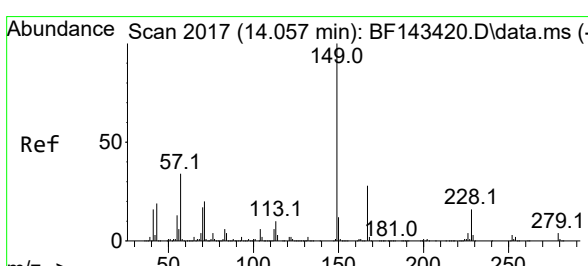
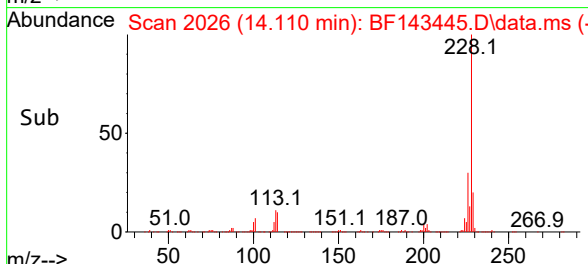
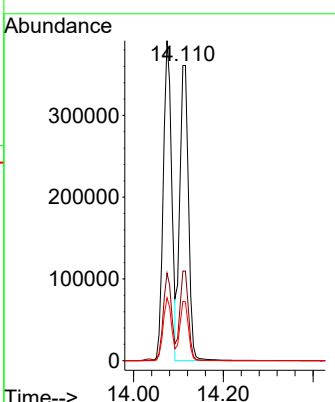
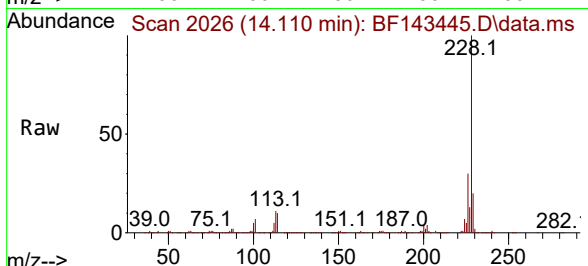


#83  
 Chrysene  
 Concen: 39.305 ng  
 RT: 14.110 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 228 Resp: 486654

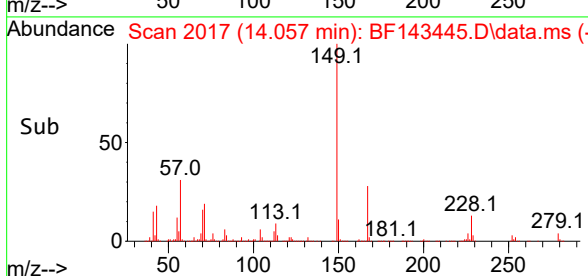
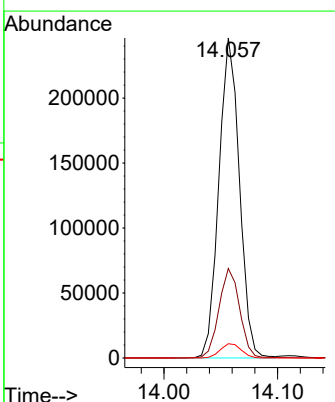
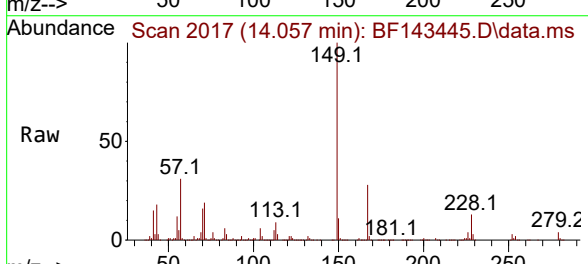
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.4  | 24.3  | 36.5  |
| 229 | 20.1  | 16.1  | 24.1  |

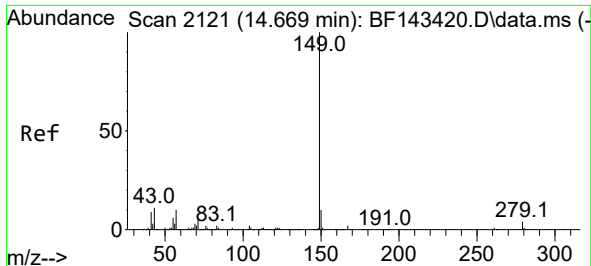


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.143 ng  
 RT: 14.057 min Scan# 2017  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Tgt Ion: 149 Resp: 309633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.9  | 22.6  | 33.8  |
| 279 | 4.5   | 3.5   | 5.3   |

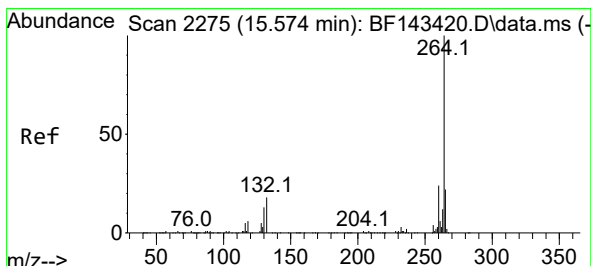
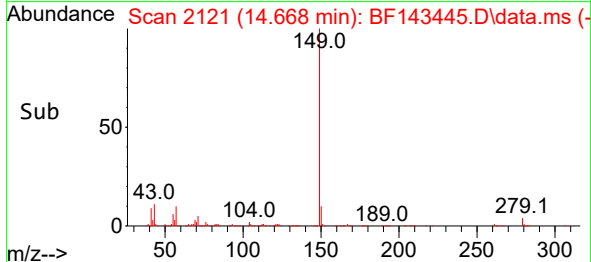
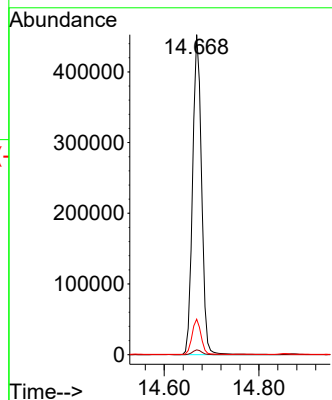
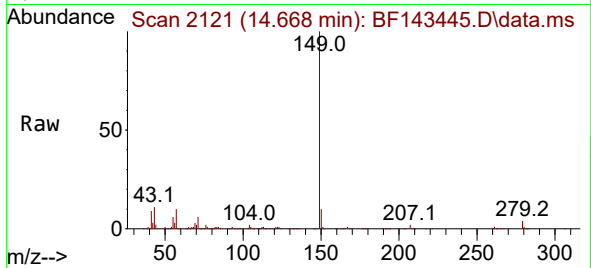




#85  
Di-n-octyl phthalate  
Concen: 45.391 ng  
RT: 14.668 min Scan# 2121  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

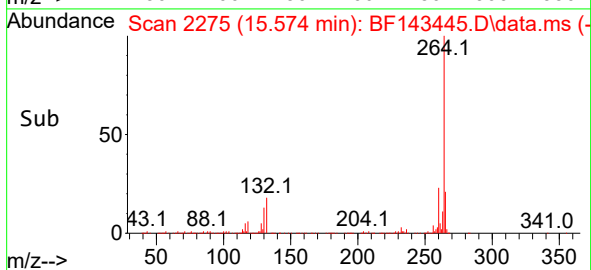
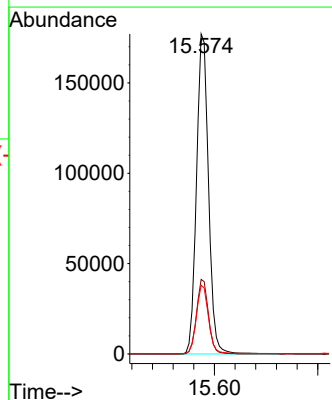
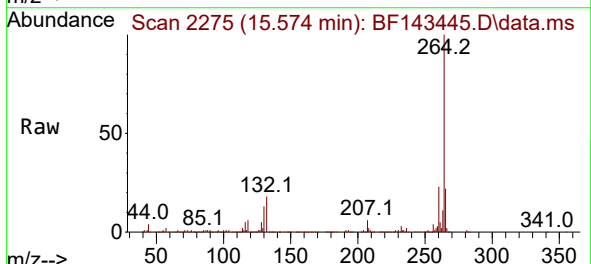
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

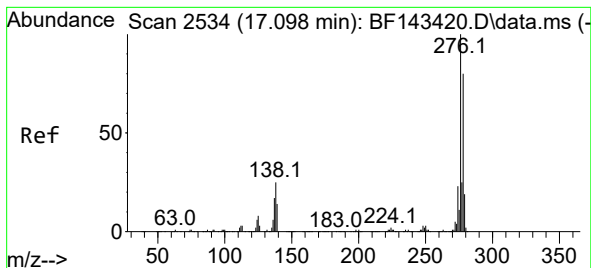
Tgt Ion:149 Resp: 592119  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.0 9.0 13.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:264 Resp: 285369  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.8 28.2  
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.481 ng

RT: 17.104 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

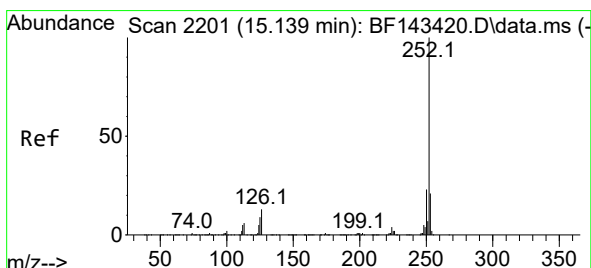
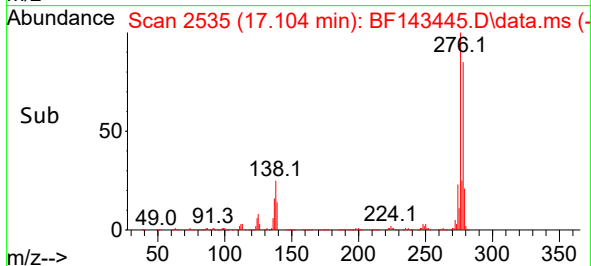
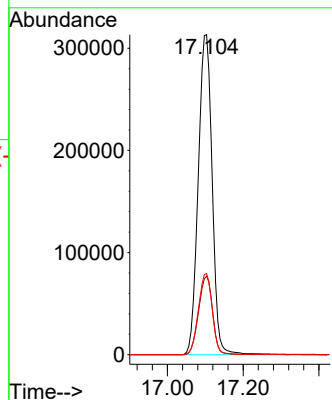
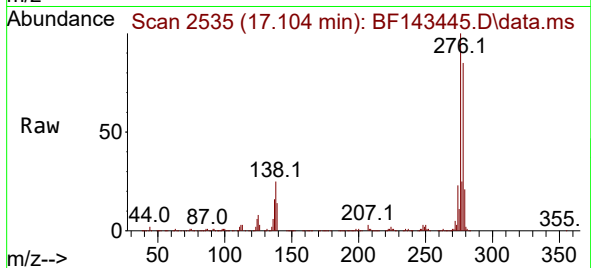
Tgt Ion:276 Resp: 802095

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.062 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143445.D

Acq: 19 Aug 2025 09:36

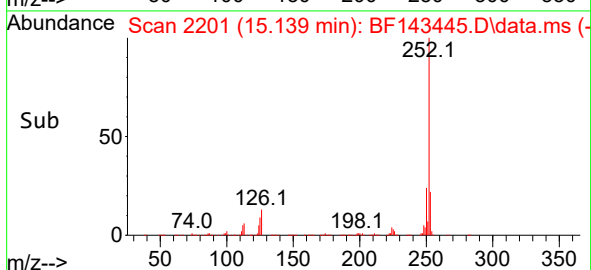
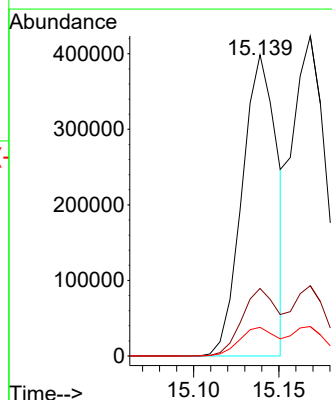
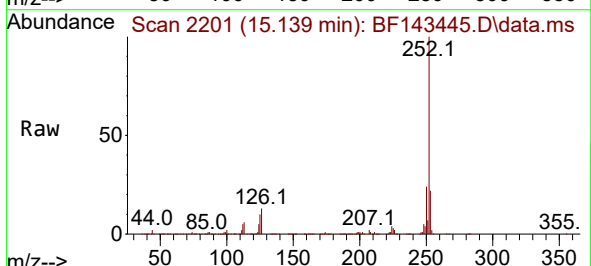
Tgt Ion:252 Resp: 566849

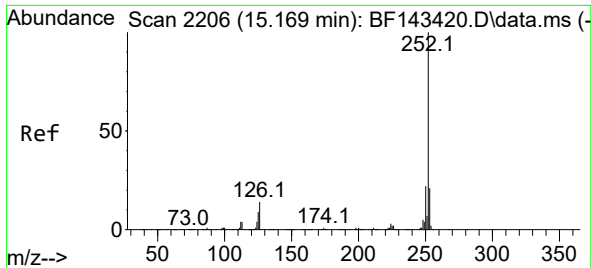
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 9.5 7.5 11.3

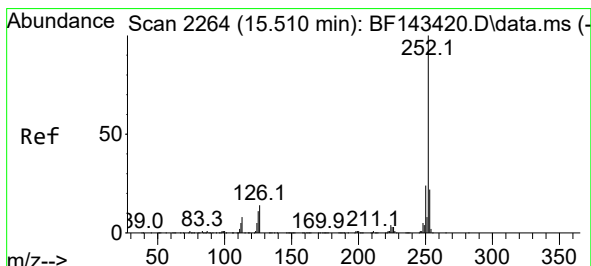
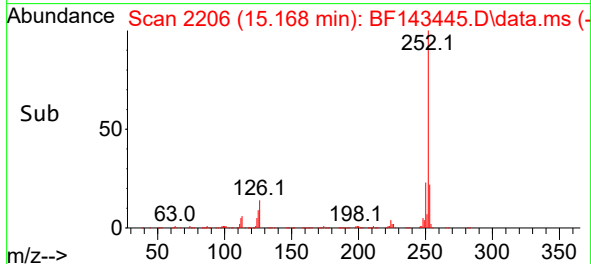
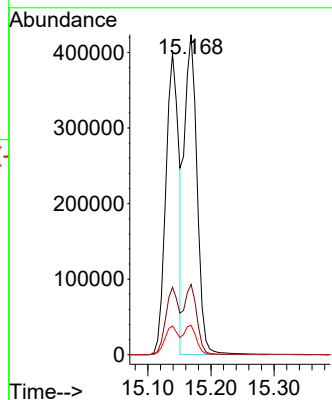
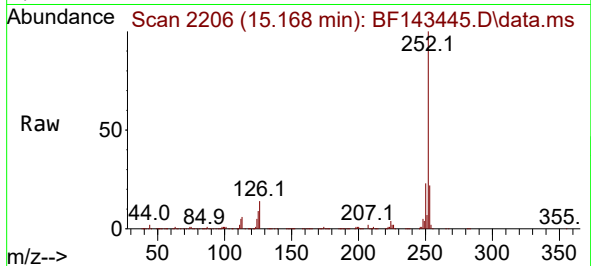




#89  
Benzo(k)fluoranthene  
Concen: 39.211 ng  
RT: 15.168 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

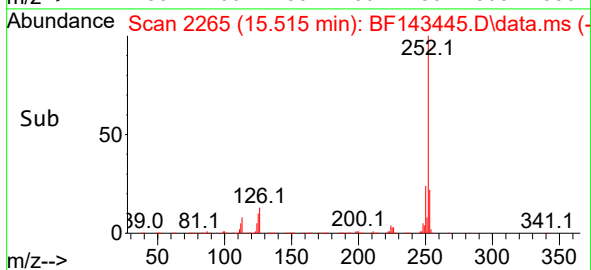
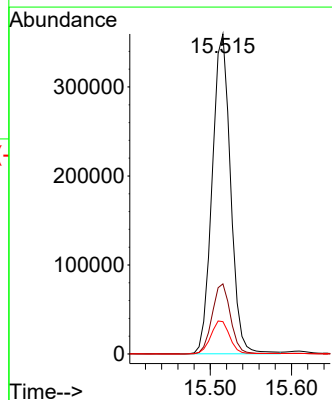
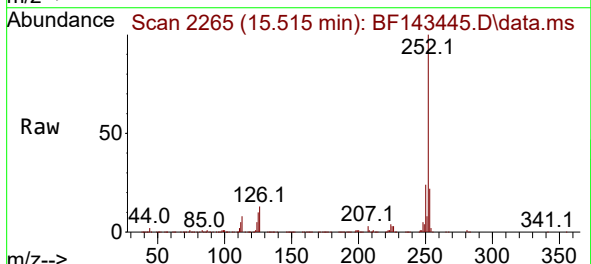
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 591511  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 9.2 7.4 11.2

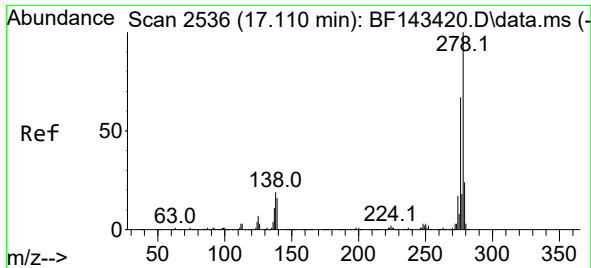


#90  
Benzo(a)pyrene  
Concen: 38.707 ng  
RT: 15.515 min Scan# 2265  
Delta R.T. 0.006 min  
Lab File: BF143445.D  
Acq: 19 Aug 2025 09:36

Tgt Ion:252 Resp: 563854  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 10.1 8.6 12.8



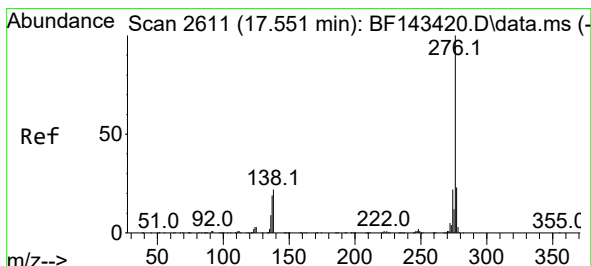
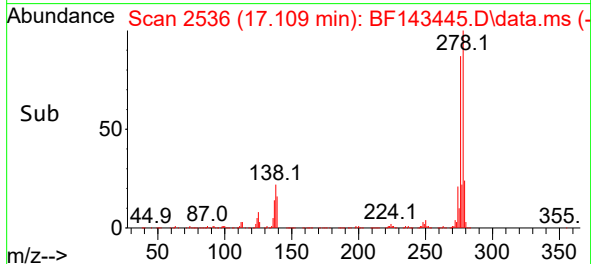
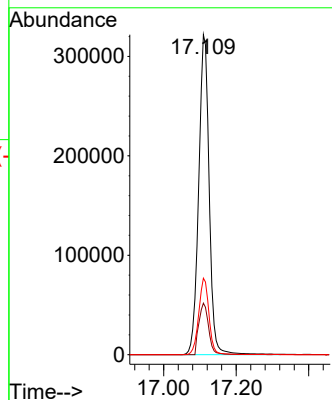
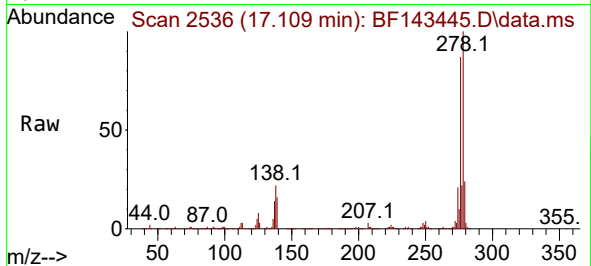




#91  
 Dibenzo(a,h)anthracene  
 Concen: 37.613 ng  
 RT: 17.109 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:278 Resp: 646395  
 Ion Ratio Lower Upper  
 278 100  
 139 16.1 12.9 19.3  
 279 23.9 19.0 28.4



#92  
 Benzo(g,h,i)perylene  
 Concen: 36.858 ng  
 RT: 17.556 min Scan# 2612  
 Delta R.T. 0.006 min  
 Lab File: BF143445.D  
 Acq: 19 Aug 2025 09:36

Tgt Ion:276 Resp: 632768  
 Ion Ratio Lower Upper  
 276 100  
 277 23.4 18.7 28.1  
 138 21.7 17.5 26.3

