

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090424\  
 Data File : BF139242.D  
 Acq On : 04 Sep 2024 16:17  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF090424

Quant Time: Sep 04 17:14:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.892  | 152  | 122715   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.175  | 136  | 447360   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.927  | 164  | 238718   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.416 | 188  | 440188   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.051 | 240  | 206743   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.527 | 264  | 226148   | 20.000 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.498  | 112 | 575312  | 78.427 | ng | 0.00 |
| 7) Phenol-d6                | 6.516  | 99  | 764878  | 78.105 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.451  | 82  | 690124  | 80.253 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330 | 169796  | 82.371 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.251  | 172 | 1194714 | 77.255 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.998 | 244 | 1015384 | 79.297 | ng | 0.00 |

|                               |       |     |        |        |        |
|-------------------------------|-------|-----|--------|--------|--------|
| Target Compounds              |       |     |        |        | Qvalue |
| 2) 1,4-Dioxane                | 2.675 | 88  | 130769 | 38.280 | ng 97  |
| 3) Pyridine                   | 3.422 | 79  | 326413 | 39.585 | ng 99  |
| 4) n-Nitrosodimethylamine     | 3.381 | 42  | 211792 | 39.552 | ng 99  |
| 6) Aniline                    | 6.551 | 93  | 355640 | 39.492 | ng 99  |
| 8) 2-Chlorophenol             | 6.675 | 128 | 295661 | 38.890 | ng 98  |
| 9) Benzaldehyde               | 6.439 | 77  | 231757 | 39.096 | ng 99  |
| 10) Phenol                    | 6.528 | 94  | 410192 | 39.711 | ng 99  |
| 11) bis(2-Chloroethyl)ether   | 6.628 | 93  | 284496 | 38.444 | ng 99  |
| 12) 1,3-Dichlorobenzene       | 6.828 | 146 | 337086 | 39.173 | ng 98  |
| 13) 1,4-Dichlorobenzene       | 6.910 | 146 | 336090 | 39.022 | ng 100 |
| 14) 1,2-Dichlorobenzene       | 7.063 | 146 | 314213 | 39.116 | ng 99  |
| 15) Benzyl Alcohol            | 7.028 | 79  | 283581 | 39.708 | ng 99  |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45  | 552214 | 39.199 | ng 100 |
| 17) 2-Methylphenol            | 7.139 | 107 | 242843 | 39.105 | ng 99  |
| 18) Hexachloroethane          | 7.404 | 117 | 122536 | 39.834 | ng 99  |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70  | 219037 | 38.836 | ng 100 |
| 20) 3+4-Methylphenols         | 7.292 | 107 | 306193 | 39.122 | ng 97  |
| 22) Acetophenone              | 7.298 | 105 | 416842 | 39.112 | ng 99  |
| 24) Nitrobenzene              | 7.475 | 77  | 355703 | 38.972 | ng 99  |
| 25) Isophorone                | 7.710 | 82  | 579916 | 39.445 | ng 99  |
| 26) 2-Nitrophenol             | 7.786 | 139 | 151885 | 42.369 | ng 99  |
| 27) 2,4-Dimethylphenol        | 7.822 | 122 | 205241 | 40.144 | ng 99  |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93  | 342856 | 39.142 | ng 99  |
| 29) 2,4-Dichlorophenol        | 8.028 | 162 | 242517 | 39.617 | ng 99  |
| 30) 1,2,4-Trichlorobenzene    | 8.110 | 180 | 274685 | 39.289 | ng 99  |
| 31) Naphthalene               | 8.198 | 128 | 885739 | 39.097 | ng 100 |
| 32) Benzoic acid              | 7.928 | 122 | 193496 | 41.551 | ng 99  |
| 33) 4-Chloroaniline           | 8.239 | 127 | 311241 | 39.677 | ng 99  |
| 34) Hexachlorobutadiene       | 8.310 | 225 | 173065 | 39.065 | ng 99  |
| 35) Caprolactam               | 8.610 | 113 | 76701  | 40.473 | ng 97  |
| 36) 4-Chloro-3-methylphenol   | 8.716 | 107 | 263893 | 39.560 | ng 99  |
| 37) 2-Methylnaphthalene       | 8.886 | 142 | 552556 | 38.984 | ng 99  |
| 38) 1-Methylnaphthalene       | 8.986 | 142 | 541182 | 38.822 | ng 99  |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 266045 | 39.391 | ng 98  |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 89045  | 41.024 | ng 99  |
| 43) 2,4,6-Trichlorophenol     | 9.163 | 196 | 179733 | 40.672 | ng 99  |

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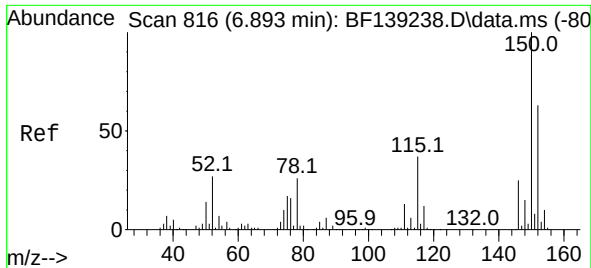
Quant Time: Sep 04 17:14:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 04 16:11:43 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 185951   | 40.155 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 692644   | 39.162 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 529997   | 39.685 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 190246   | 41.358 | ng    | 99       |
| 49) Acenaphthylene            | 9.792  | 152  | 796683   | 39.607 | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 572932   | 39.598 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 133095   | 40.548 | ng    | 98       |
| 52) Acenaphthene              | 9.963  | 154  | 528580   | 39.620 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 143416   | 41.009 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 60803    | 39.555 | ng    | 96       |
| 55) Dibenzofuran              | 10.133 | 168  | 754486   | 39.445 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.027 | 139  | 109441   | 42.399 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 178309   | 42.680 | ng    | 100      |
| 58) Fluorene                  | 10.475 | 166  | 586335   | 39.538 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 150844   | 41.382 | ng    | 98       |
| 60) Diethylphthalate          | 10.351 | 149  | 574862   | 40.373 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 281211   | 39.321 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 140281   | 42.140 | ng    | 98       |
| 63) Azobenzene                | 10.627 | 77   | 595485   | 39.680 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 83846    | 41.224 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 493204   | 38.492 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 167586   | 39.239 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 188782   | 38.612 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 110343   | 37.326 | ng    | 97       |
| 70) Pentachlorophenol         | 11.216 | 266  | 118514   | 41.963 | ng    | 97       |
| 71) Phenanthrene              | 11.439 | 178  | 796405   | 38.729 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 779933   | 38.826 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 740150   | 39.422 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 783892   | 40.777 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 803269   | 38.963 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 200831   | 48.244 | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 795285   | 39.821 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 202169   | 43.001 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 536785   | 40.661 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 153837   | 43.879 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 476777   | 38.696 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 236907   | 42.931 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 444297   | 42.053 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 554954   | 39.281 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 513472   | 39.426 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 470676   | 40.306 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 440770   | 39.856 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 457713   | 39.313 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 461872   | 38.432 | ng    | 99       |

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

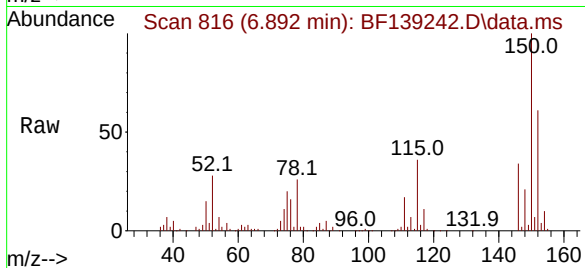
Quant Time: Sep 04 17:14:24 2024  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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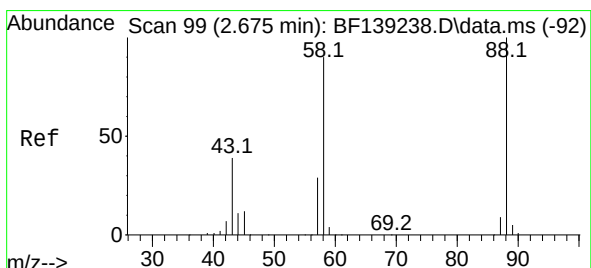
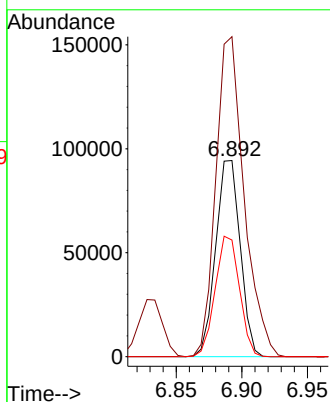
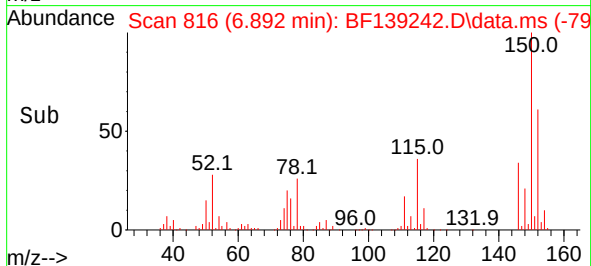


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 816  
Delta R.T. -0.001 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

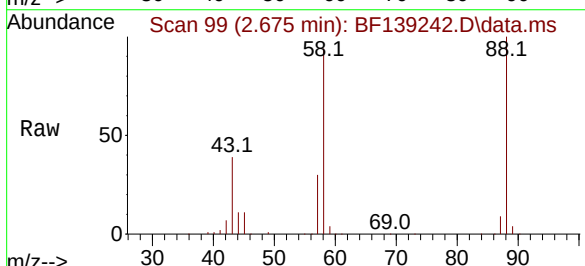
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424



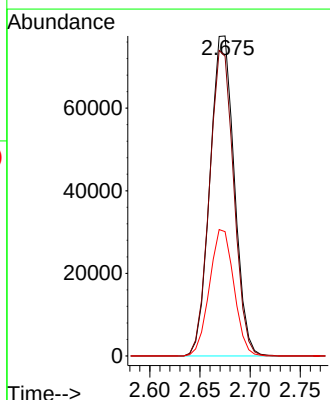
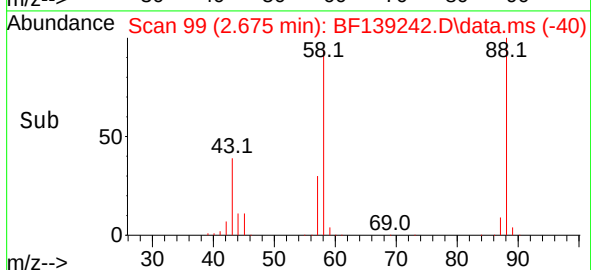
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Ion Ratio Lower Upper  
152 100  
150 163.1 127.0 190.4  
115 59.4 46.9 70.3

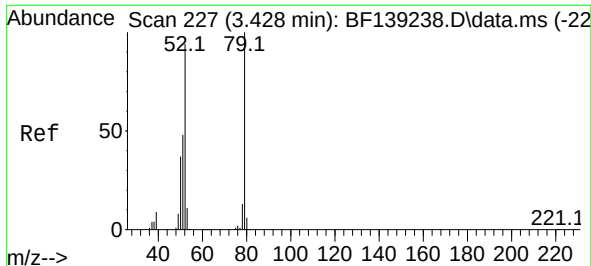


#2  
1,4-Dioxane  
Concen: 38.280 ng  
RT: 2.675 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17



Tgt Ion: 88 Resp: 130769  
Ion Ratio Lower Upper  
88 100  
58 95.0 72.5 108.7  
43 39.6 31.4 47.2





#3

Pyridine

Concen: 39.585 ng

RT: 3.422 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

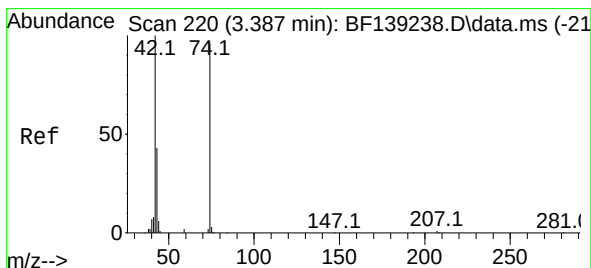
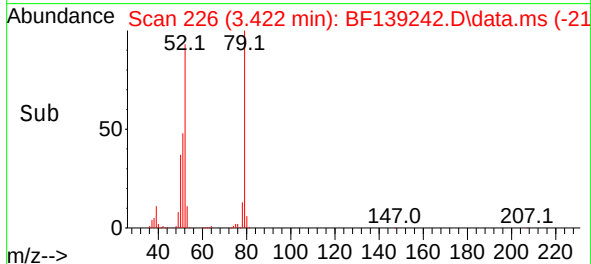
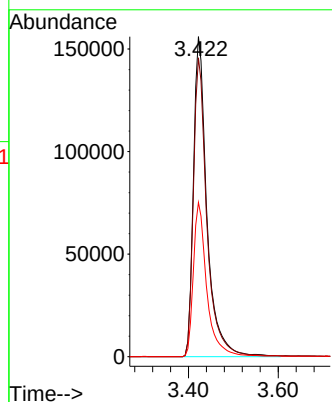
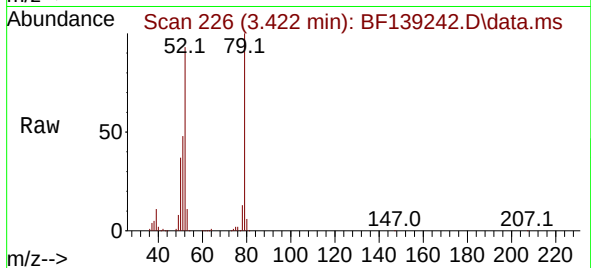
Tgt Ion: 79 Resp: 326413

Ion Ratio Lower Upper

79 100

52 93.4 75.3 112.9

51 48.2 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 39.552 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.006 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

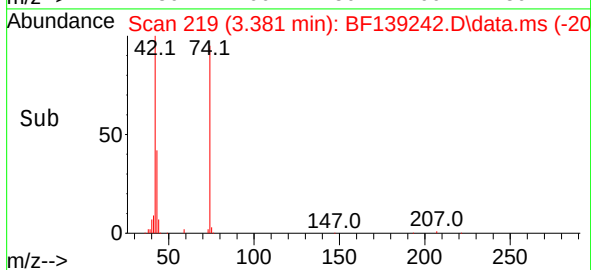
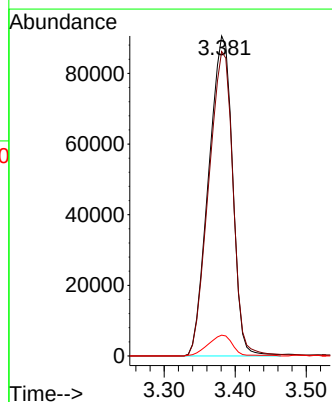
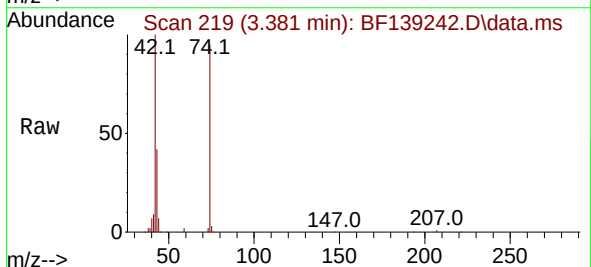
Tgt Ion: 42 Resp: 211792

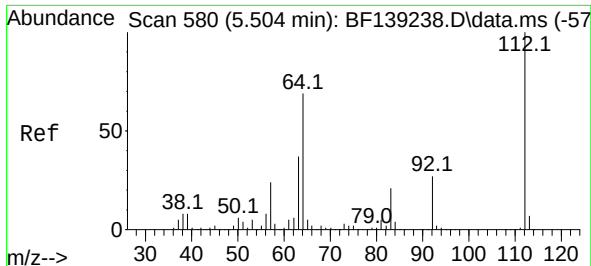
Ion Ratio Lower Upper

42 100

74 95.1 77.2 115.8

44 6.5 5.1 7.7

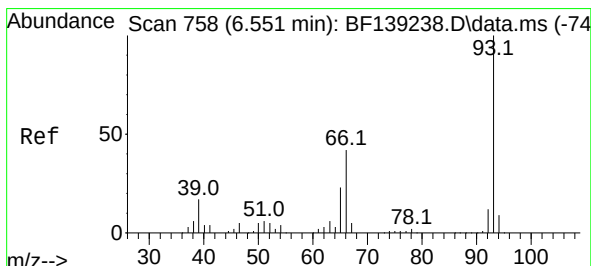
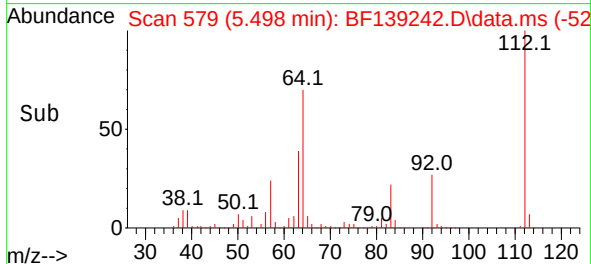
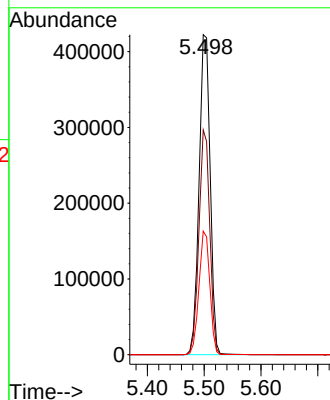
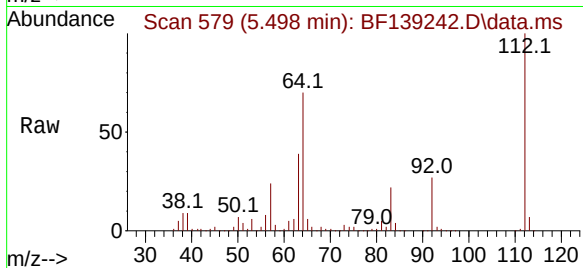




#5  
2-Fluorophenol  
Concen: 78.427 ng  
RT: 5.498 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

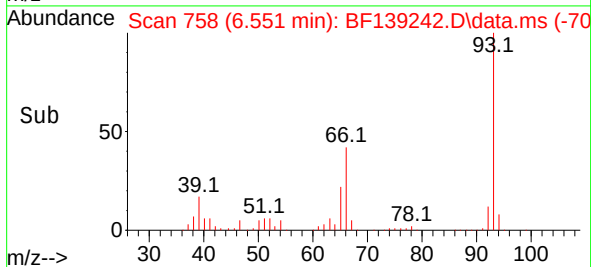
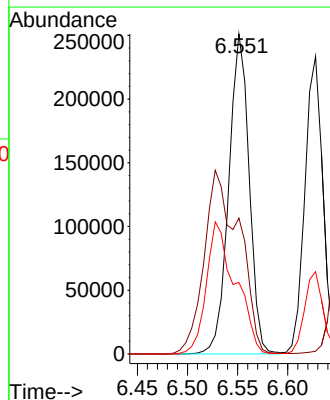
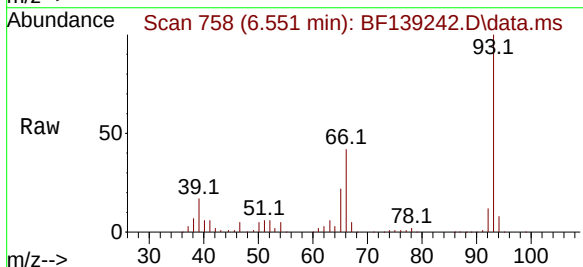
Instrument :  
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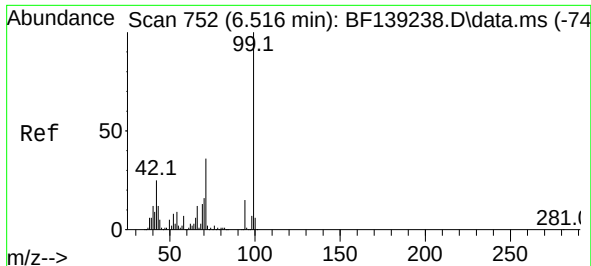
Tgt Ion:112 Resp: 575312  
Ion Ratio Lower Upper  
112 100  
64 70.2 55.0 82.4  
63 38.6 29.9 44.9



#6  
Aniline  
Concen: 39.492 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion: 93 Resp: 355640  
Ion Ratio Lower Upper  
93 100  
66 42.5 34.4 51.6  
65 22.3 18.2 27.4





#7

Phenol-d6

Concen: 78.105 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

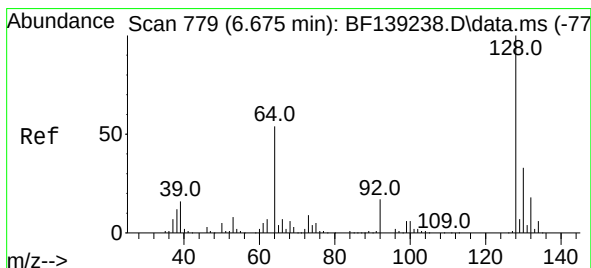
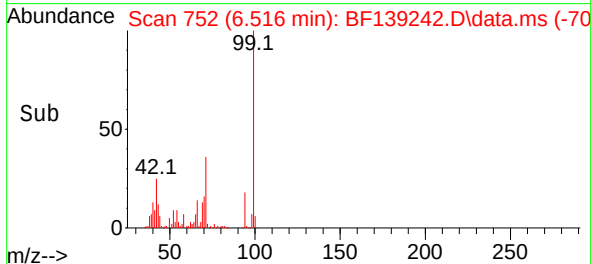
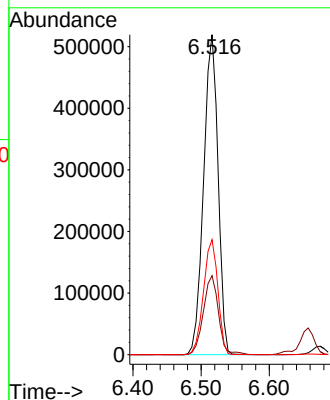
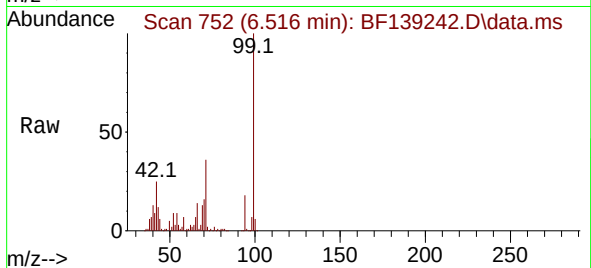
Tgt Ion: 99 Resp: 764878

Ion Ratio Lower Upper

99 100

42 24.7 19.8 29.6

71 35.9 28.8 43.2



#8

2-Chlorophenol

Concen: 38.890 ng

RT: 6.675 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

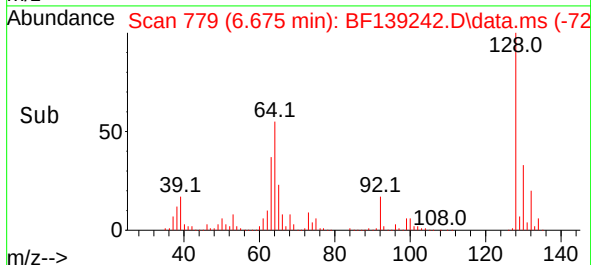
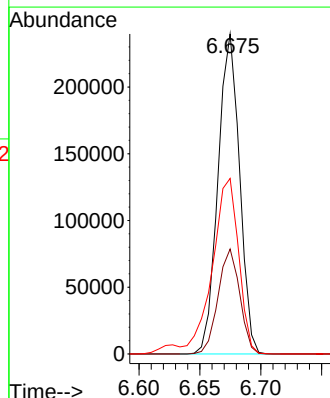
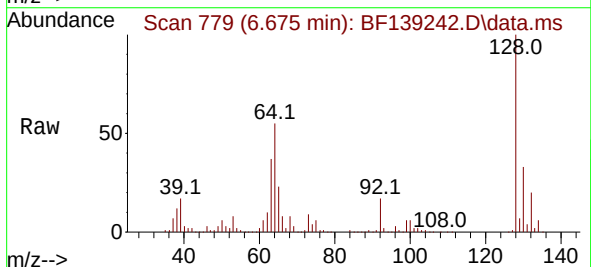
Tgt Ion: 128 Resp: 295661

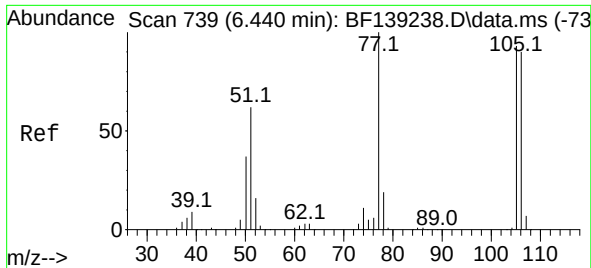
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 54.9 36.6 76.6





#9

Benzaldehyde

Concen: 39.096 ng

RT: 6.439 min Scan# 739

Delta R.T. -0.001 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

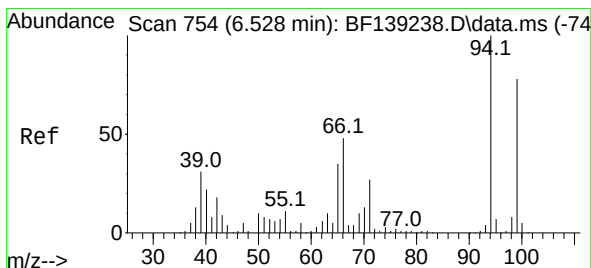
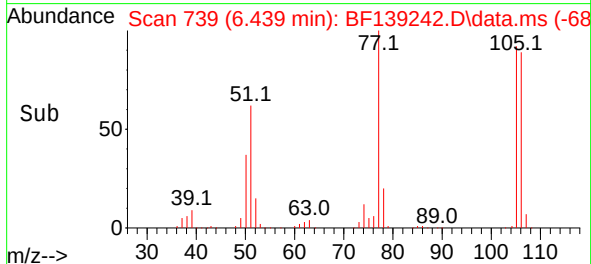
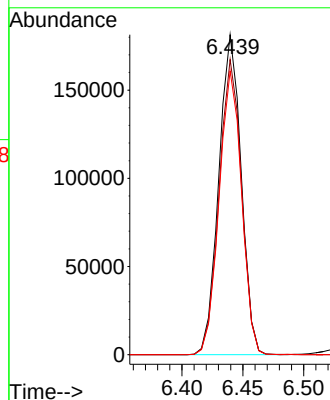
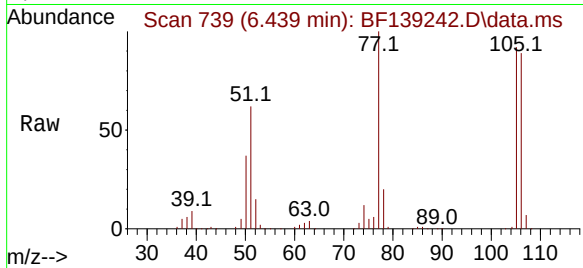
Tgt Ion: 77 Resp: 231757

Ion Ratio Lower Upper

77 100

105 92.2 72.9 112.9

106 88.6 69.6 109.6



#10

Phenol

Concen: 39.711 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

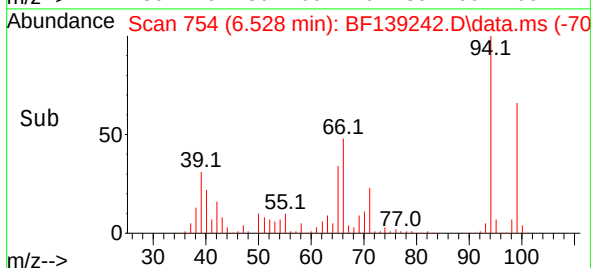
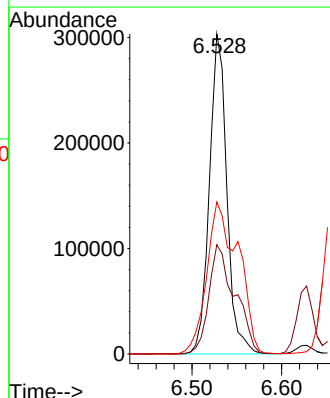
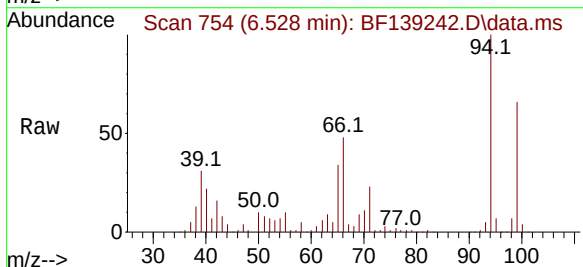
Tgt Ion: 94 Resp: 410192

Ion Ratio Lower Upper

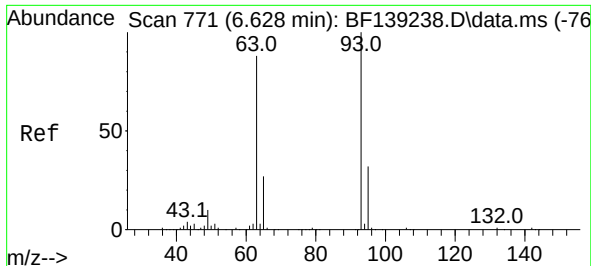
94 100

65 34.2 14.7 54.7

66 47.5 28.5 68.5



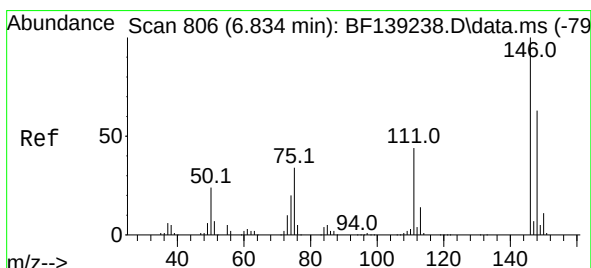
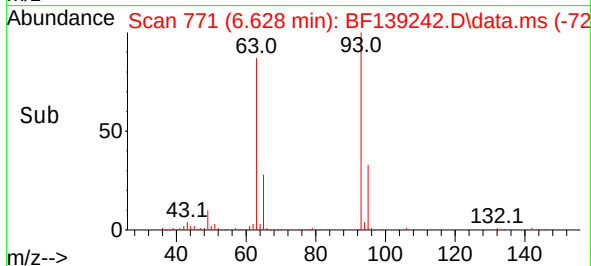
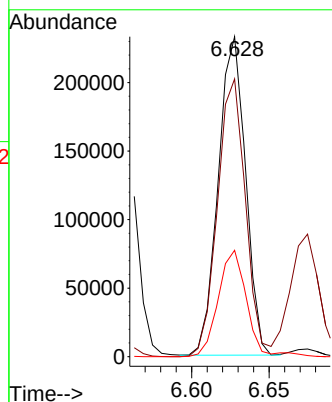
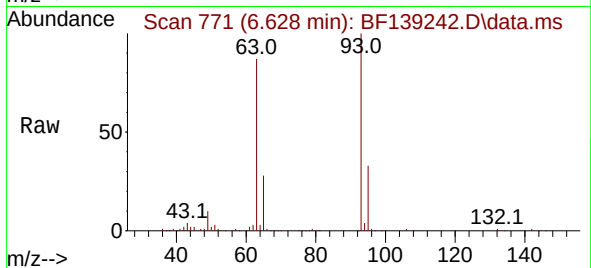




#11  
bis(2-Chloroethyl)ether  
Concen: 38.444 ng  
RT: 6.628 min Scan# 771  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

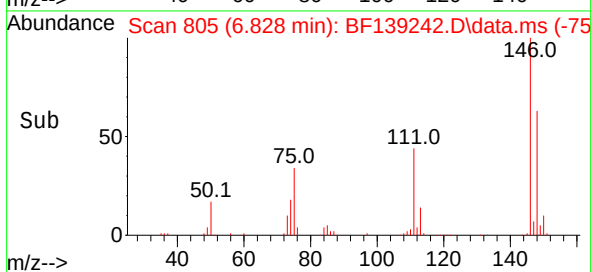
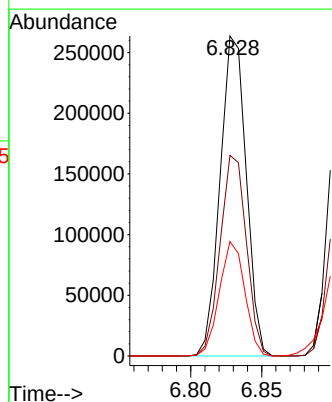
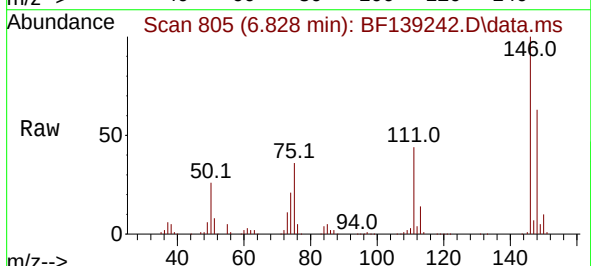
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

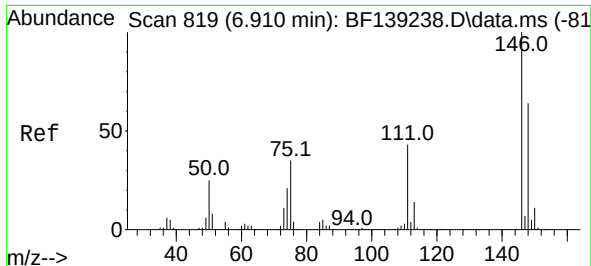
Tgt Ion: 93 Resp: 284496  
Ion Ratio Lower Upper  
93 100  
63 86.8 67.1 107.1  
95 33.2 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 39.173 ng  
RT: 6.828 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:146 Resp: 337086  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.8 76.2  
75 35.7 27.3 40.9

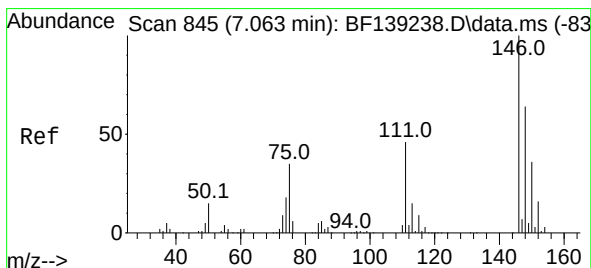
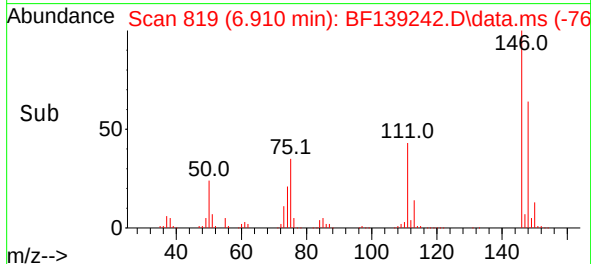
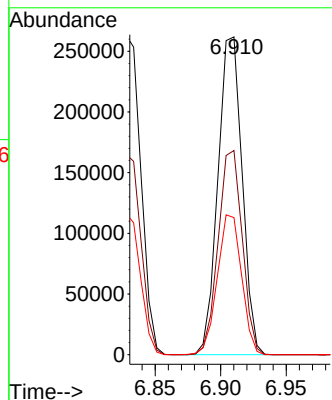
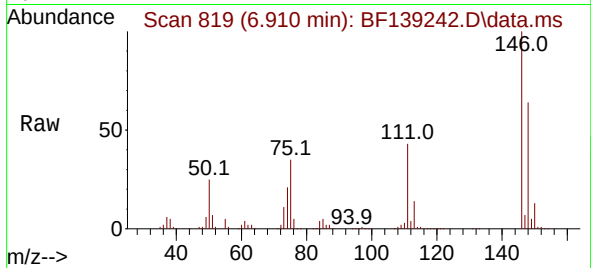




#13  
1,4-Dichlorobenzene  
Concen: 39.022 ng  
RT: 6.910 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

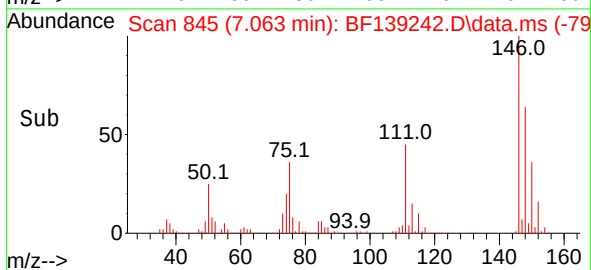
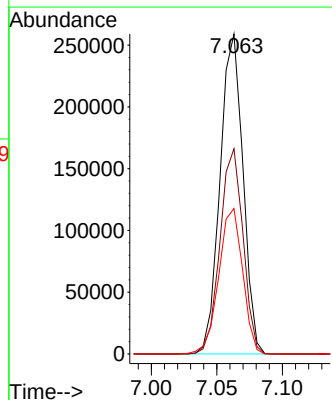
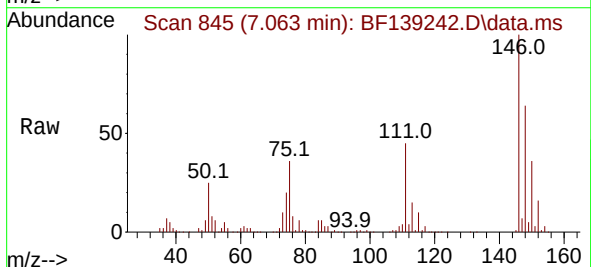
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

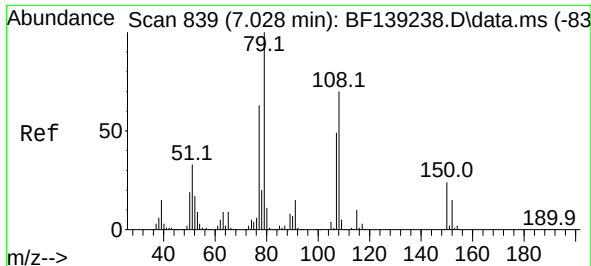
Tgt Ion:146 Resp: 336090  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.2 76.8  
111 43.1 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 39.116 ng  
RT: 7.063 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:146 Resp: 314213  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.9 76.3  
111 45.4 36.6 55.0

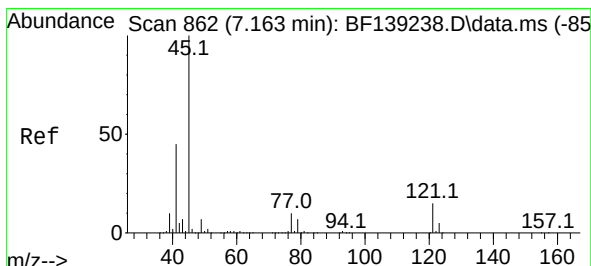
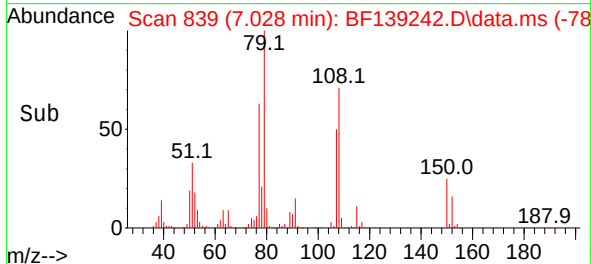
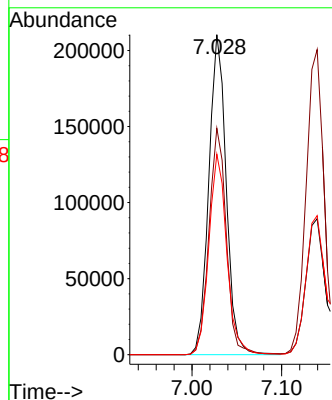
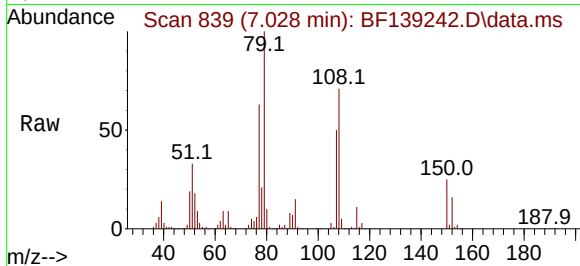




#15  
Benzyl Alcohol  
Concen: 39.708 ng  
RT: 7.028 min Scan# 839  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

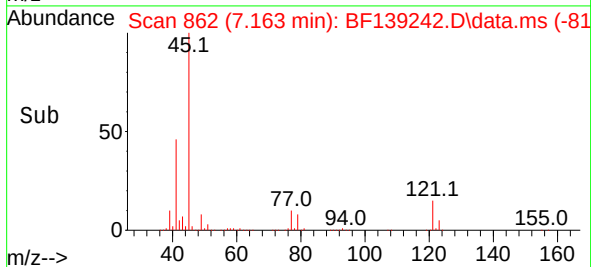
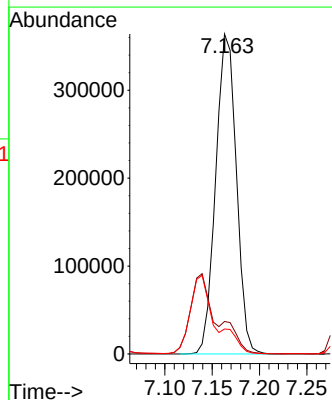
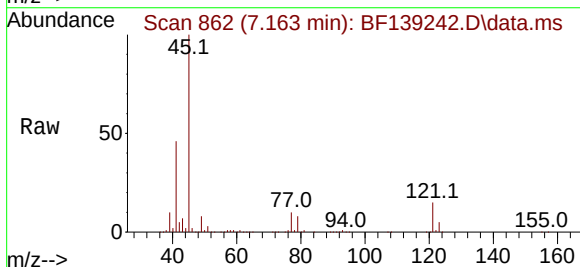
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

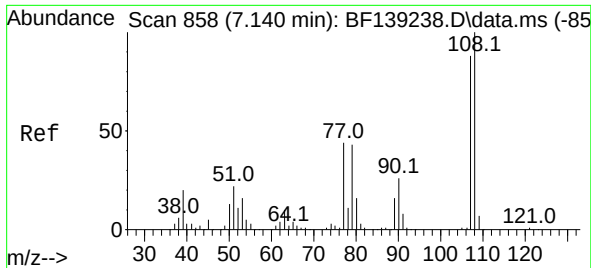
Tgt Ion: 79 Resp: 283581  
Ion Ratio Lower Upper  
79 100  
108 70.7 56.1 84.1  
77 62.7 50.6 76.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.199 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion: 45 Resp: 552214  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 30.0  
79 7.8 0.0 27.6

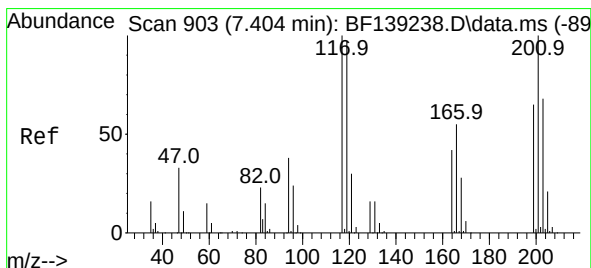
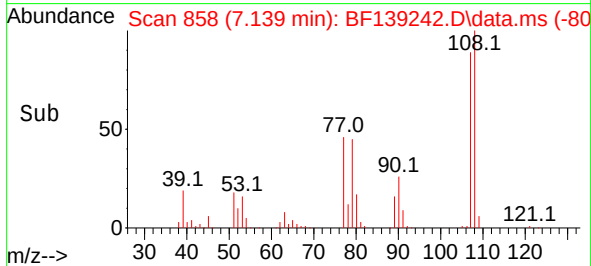
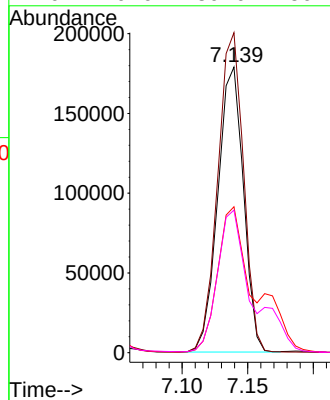
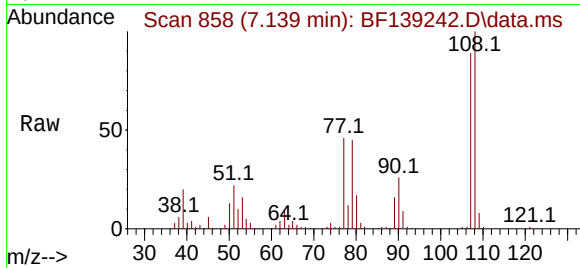




#17  
2-Methylphenol  
Concen: 39.105 ng  
RT: 7.139 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

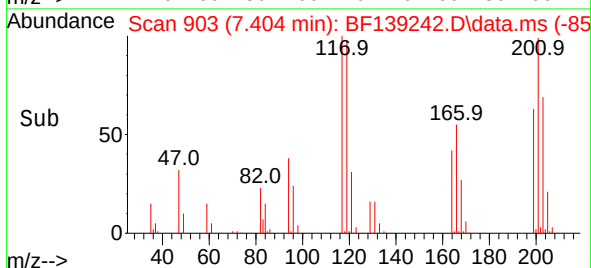
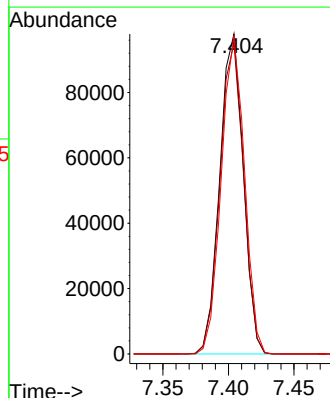
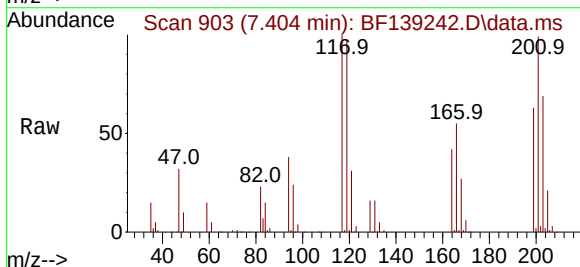
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

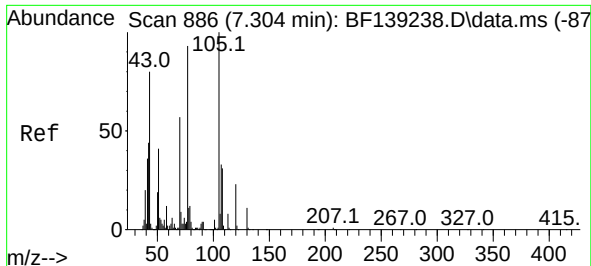
Tgt Ion:107 Resp: 242843  
Ion Ratio Lower Upper  
107 100  
108 112.0 91.4 137.2  
77 51.1 40.1 60.1  
79 49.9 39.9 59.9



#18  
Hexachloroethane  
Concen: 39.834 ng  
RT: 7.404 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:117 Resp: 122536  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.4 116.2  
201 99.2 80.0 120.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.836 ng

RT: 7.304 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF139242.D

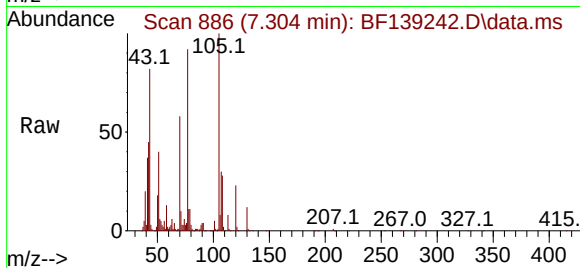
Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424



Tgt Ion: 70 Resp: 219037

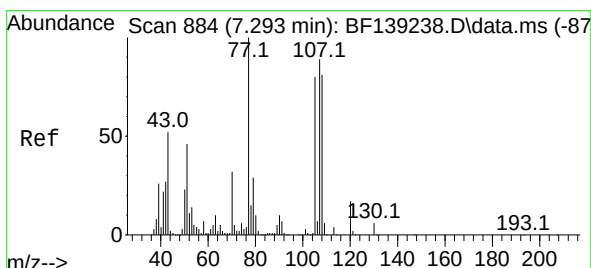
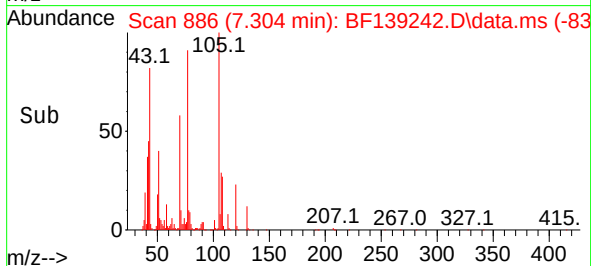
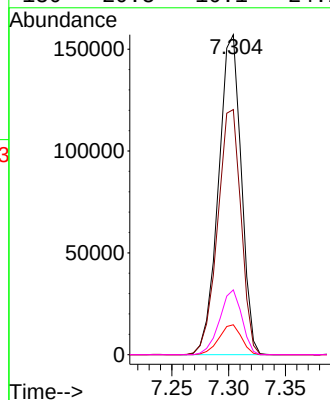
Ion Ratio Lower Upper

70 100

42 76.6 61.0 91.6

101 9.4 7.2 10.8

130 20.3 16.1 24.1



#20

3+4-Methylphenols

Concen: 39.122 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Tgt Ion:107 Resp: 306193

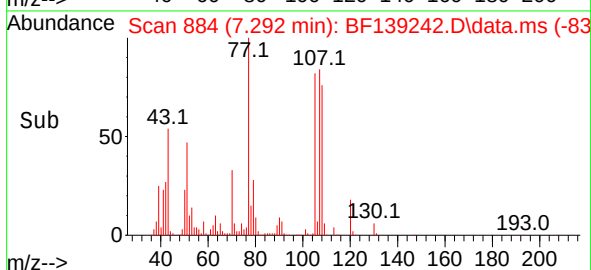
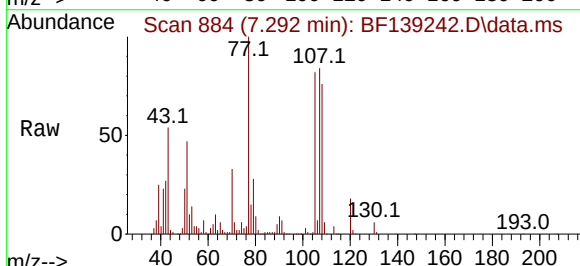
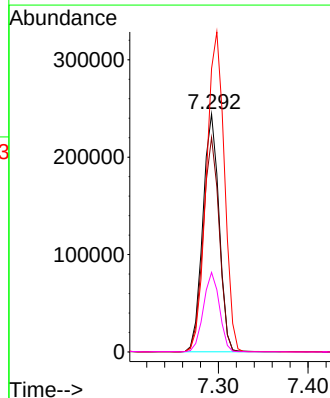
Ion Ratio Lower Upper

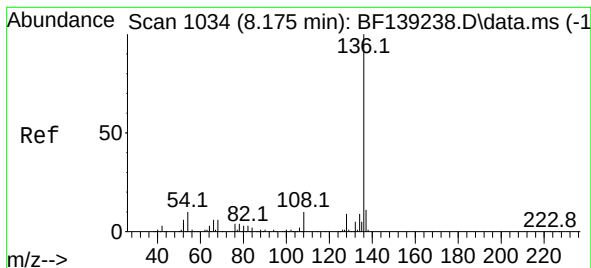
107 100

108 90.1 70.4 110.4

77 119.1 92.2 132.2

79 33.4 12.8 52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

Tgt Ion:136 Resp: 447360

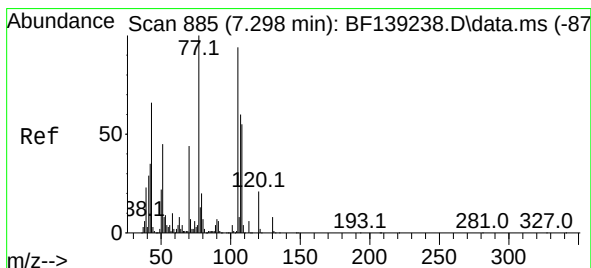
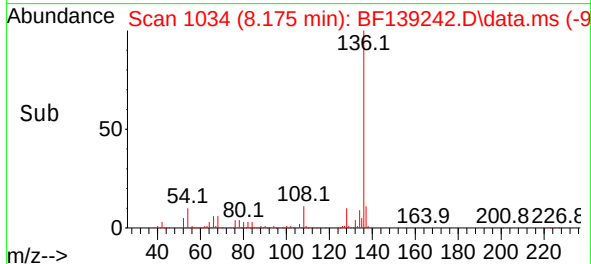
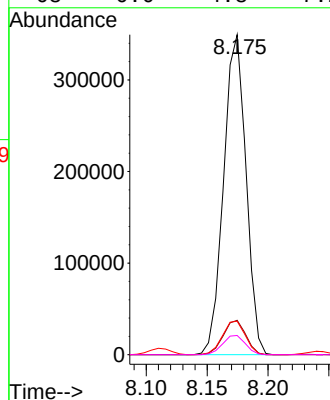
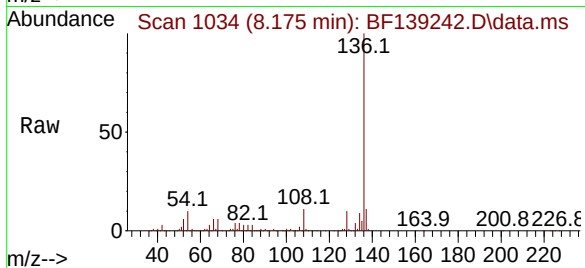
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 10.4 8.4 12.6

68 6.0 4.8 7.2



#22

Acetophenone

Concen: 39.112 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Tgt Ion:105 Resp: 416842

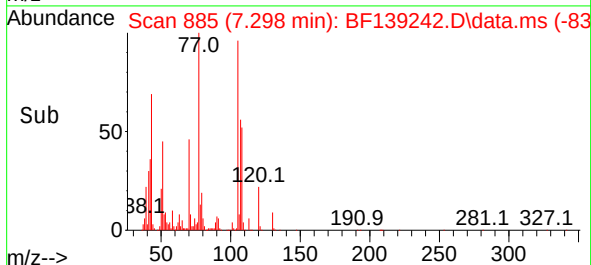
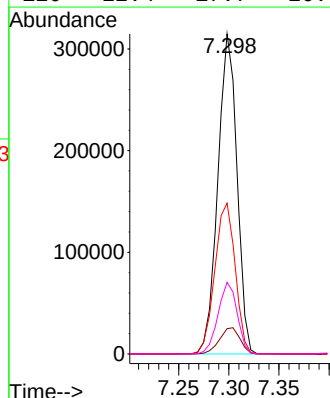
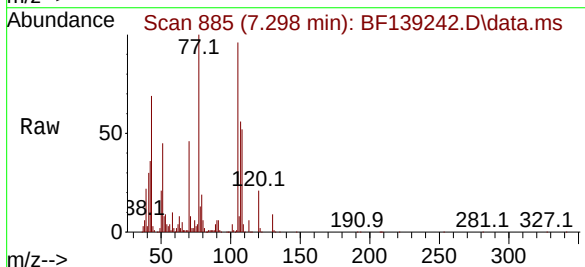
Ion Ratio Lower Upper

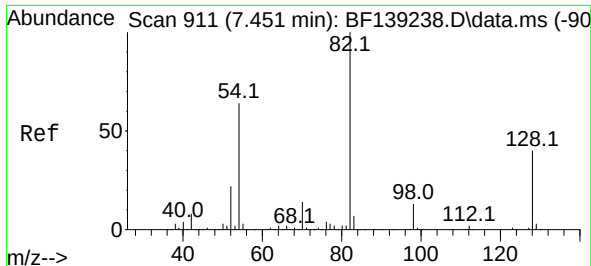
105 100

71 7.9 6.2 9.2

51 47.1 38.2 57.2

120 22.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 80.253 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

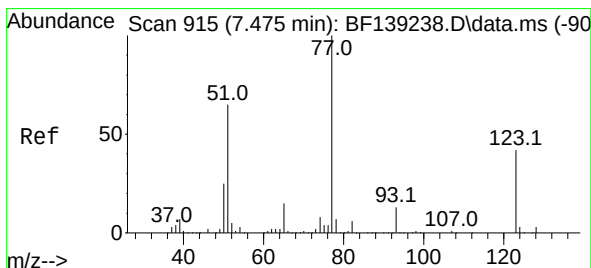
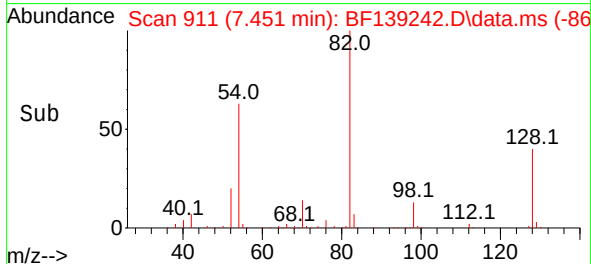
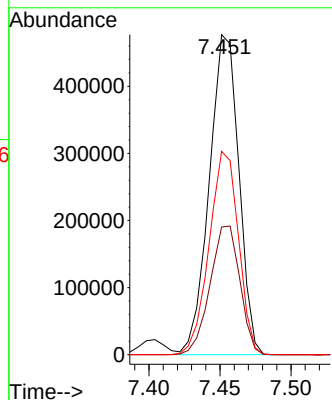
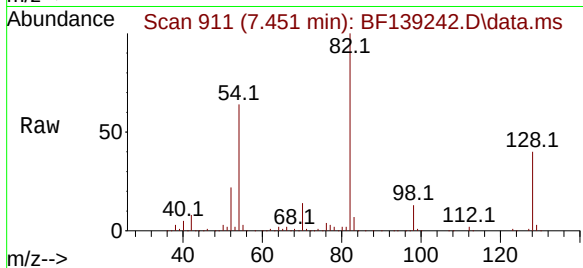
Tgt Ion: 82 Resp: 690124

Ion Ratio Lower Upper

82 100

128 39.9 32.3 48.5

54 63.5 51.2 76.8



#24

Nitrobenzene

Concen: 38.972 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

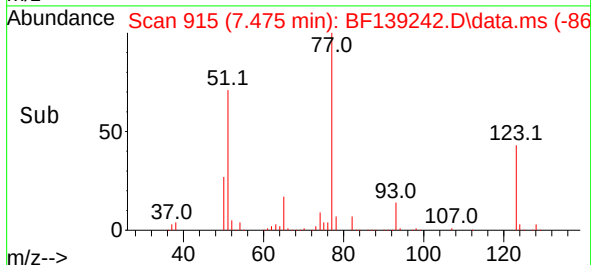
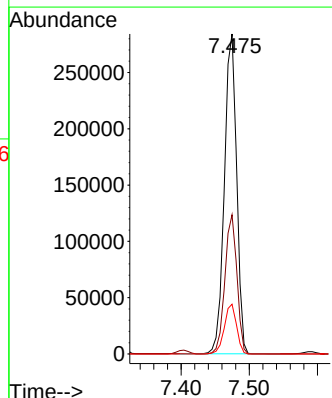
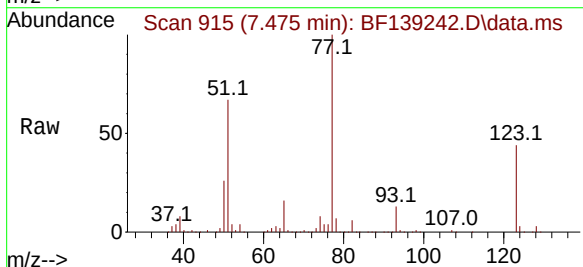
Tgt Ion: 77 Resp: 355703

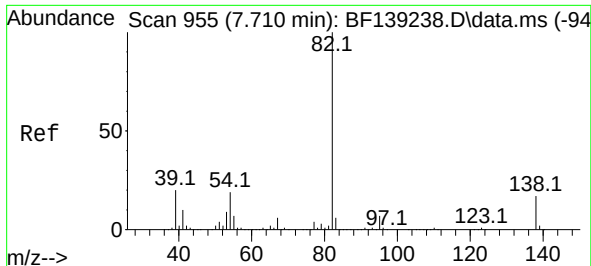
Ion Ratio Lower Upper

77 100

123 43.5 34.0 51.0

65 15.5 12.1 18.1

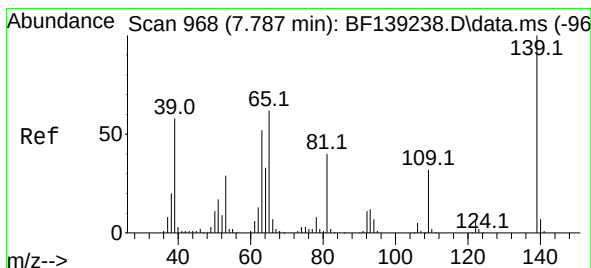
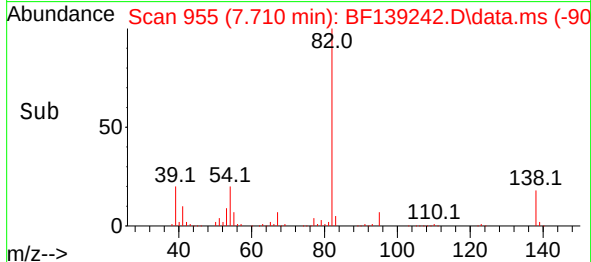
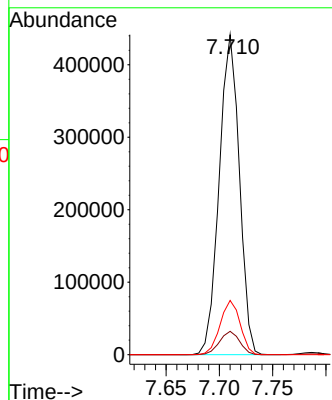
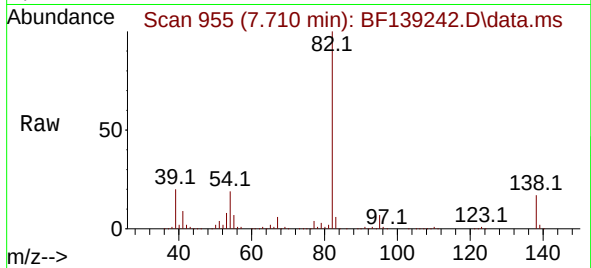




#25  
Isophorone  
Concen: 39.445 ng  
RT: 7.710 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

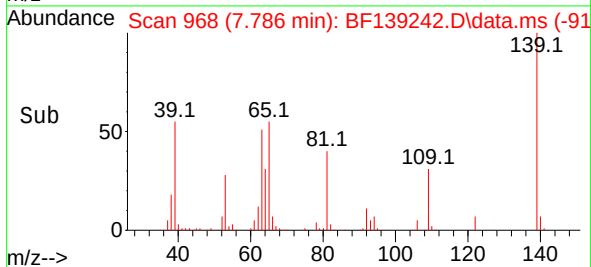
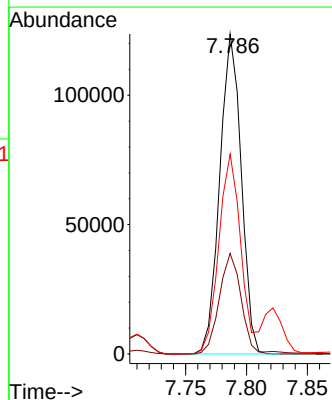
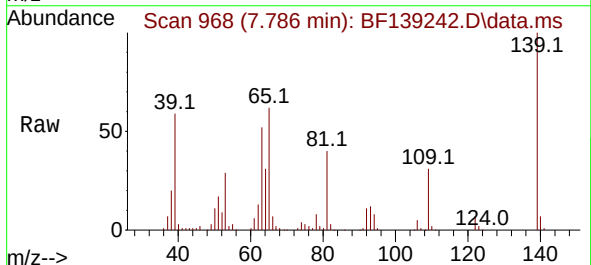
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

Tgt Ion: 82 Resp: 579916  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.0 9.0  
138 17.0 13.4 20.0

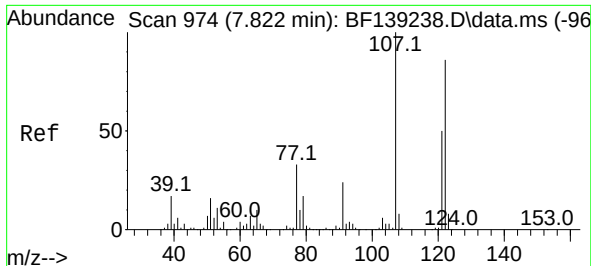


#26  
2-Nitrophenol  
Concen: 42.369 ng  
RT: 7.786 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:139 Resp: 151885  
Ion Ratio Lower Upper  
139 100  
109 31.4 25.4 38.2  
65 62.4 49.4 74.2



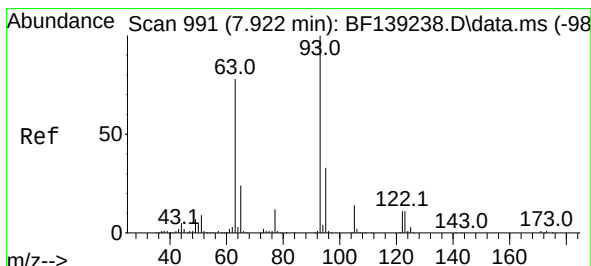
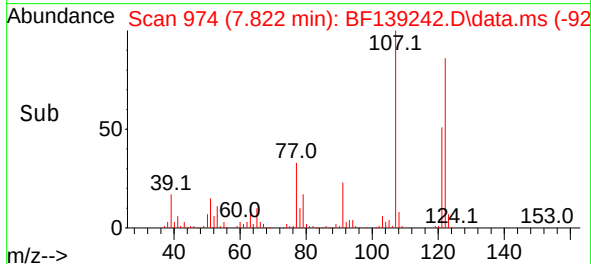
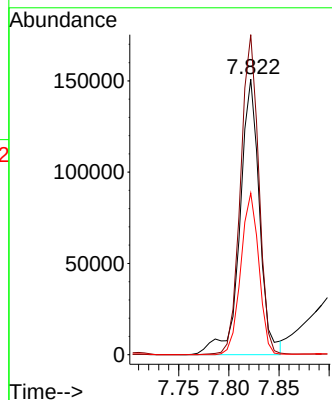
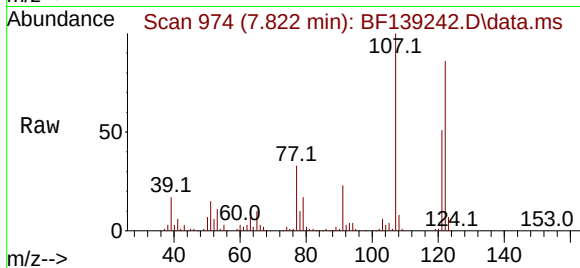




#27  
2,4-Dimethylphenol  
Concen: 40.144 ng  
RT: 7.822 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

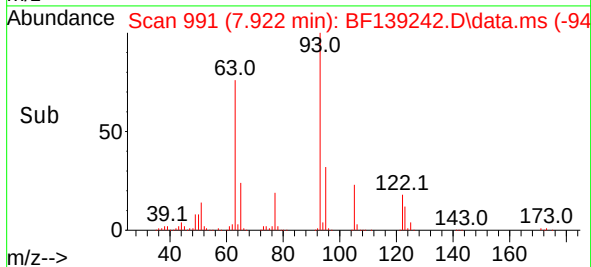
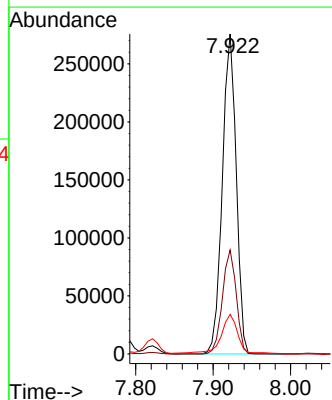
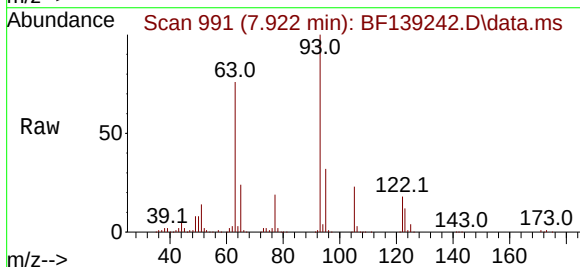
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

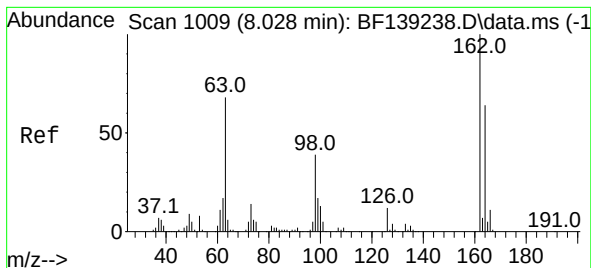
Tgt Ion:122 Resp: 205241  
Ion Ratio Lower Upper  
122 100  
107 116.2 93.4 140.2  
121 58.7 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.142 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion: 93 Resp: 342856  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.6 40.0  
123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.617 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

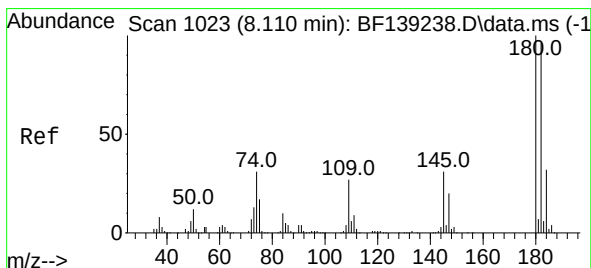
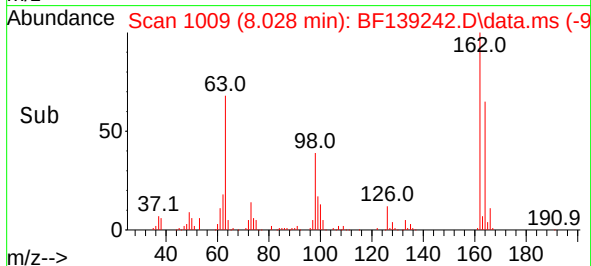
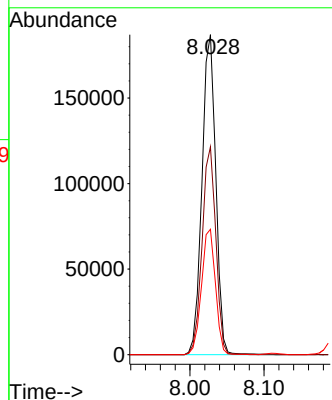
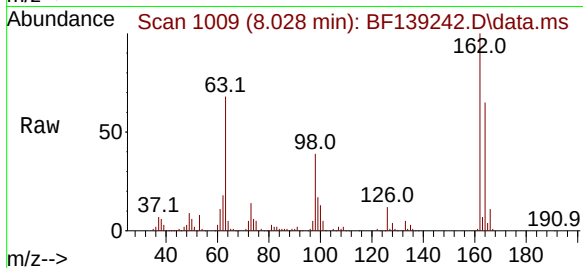
Tgt Ion:162 Resp: 242517

Ion Ratio Lower Upper

162 100

164 65.0 43.6 83.6

98 39.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.289 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

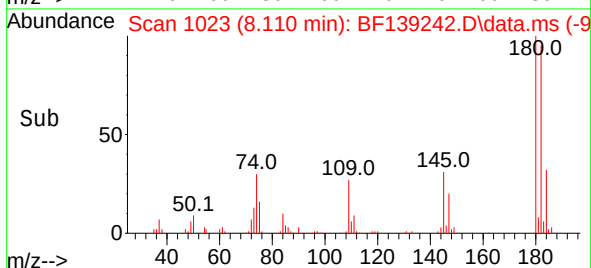
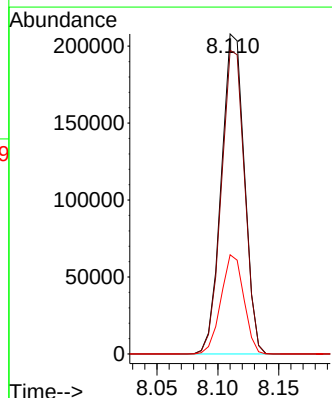
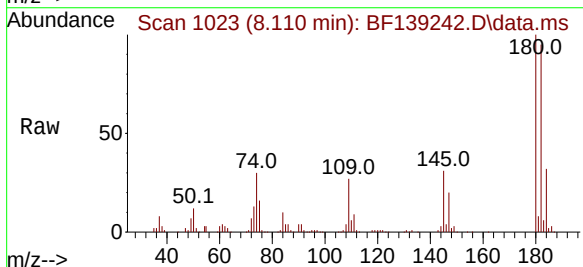
Tgt Ion:180 Resp: 274685

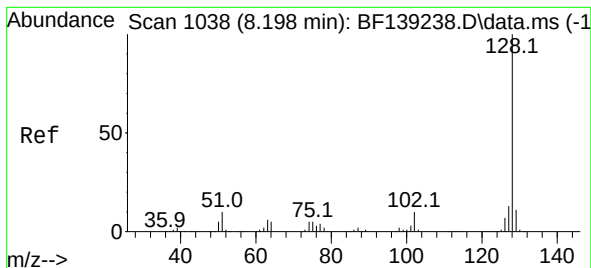
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 31.0 25.1 37.7





#31

Naphthalene

Concen: 39.097 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

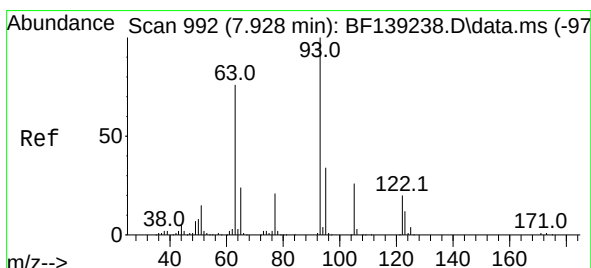
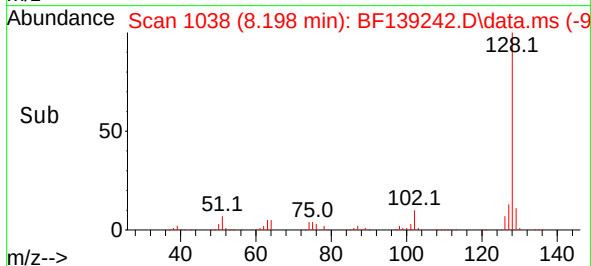
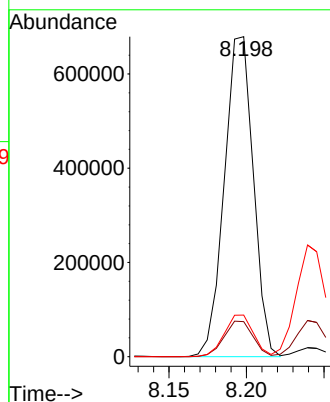
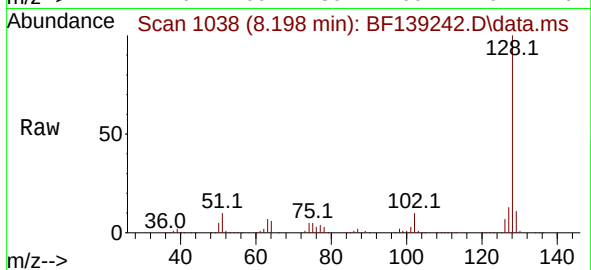
Tgt Ion:128 Resp: 885739

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.6 15.8



#32

Benzoic acid

Concen: 41.551 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

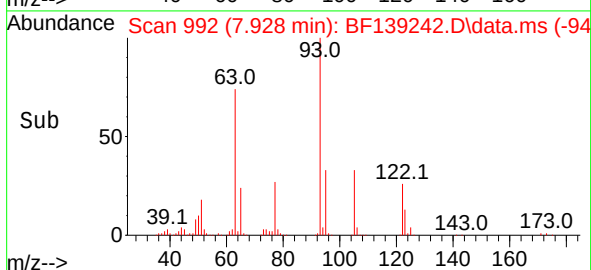
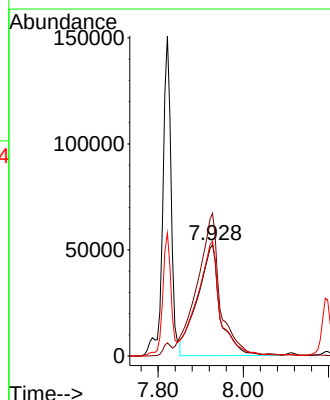
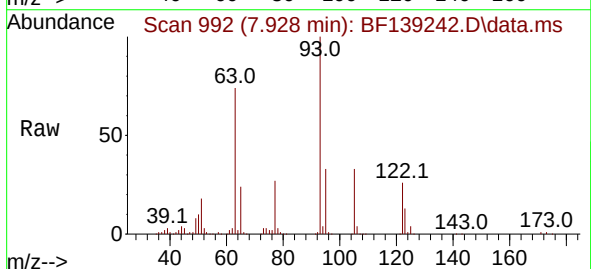
Tgt Ion:122 Resp: 193496

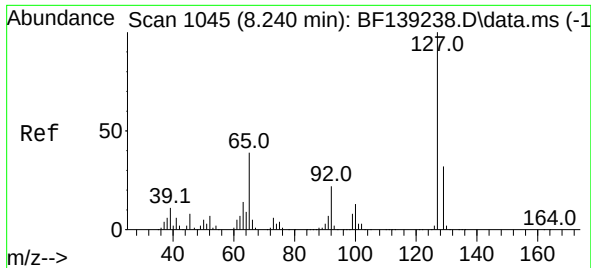
Ion Ratio Lower Upper

122 100

105 128.2 106.3 146.3

77 103.2 84.1 124.1

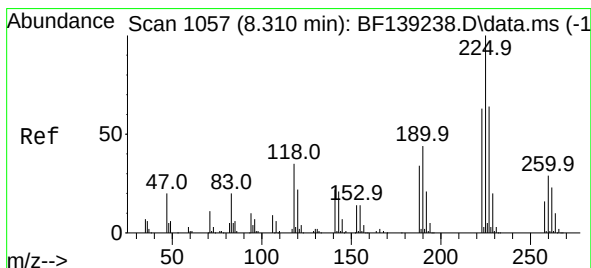
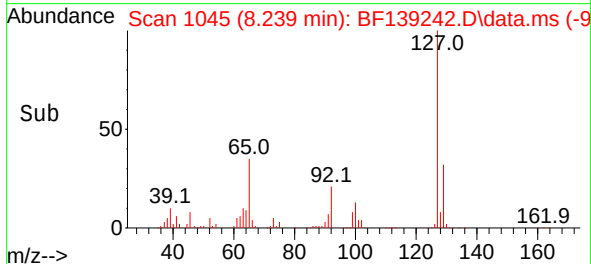
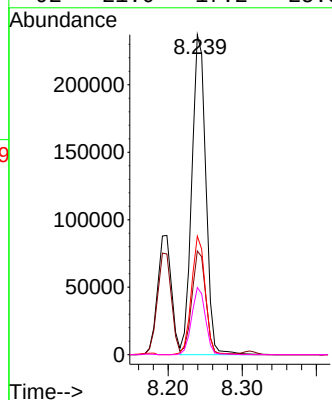
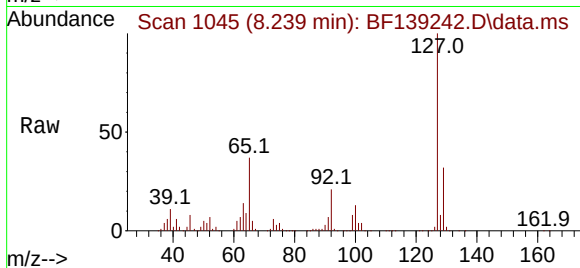




#33  
4-Chloroaniline  
Concen: 39.677 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

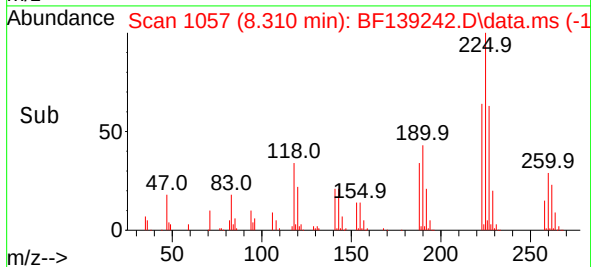
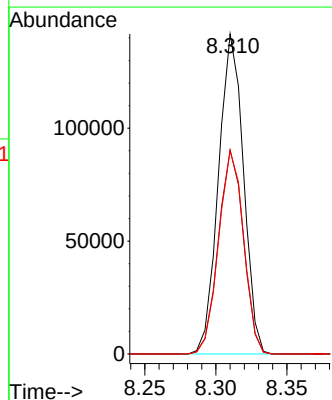
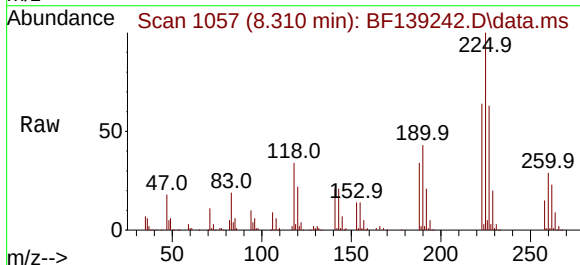
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

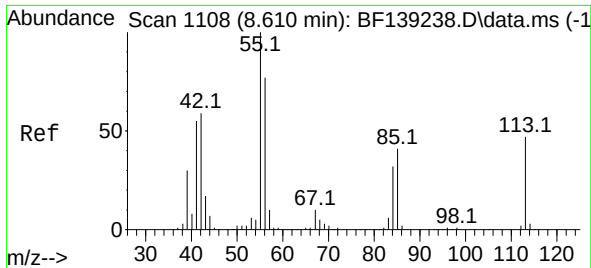
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 311241 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.4    | 25.8 38.6    |
| 65 37.1     | 30.6 45.8    |
| 92 21.0     | 17.2 25.8    |



#34  
Hexachlorobutadiene  
Concen: 39.065 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 173065 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 63.7    | 50.7 76.1    |
| 227 63.5    | 51.5 77.3    |





#35

Caprolactam

Concen: 40.473 ng

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

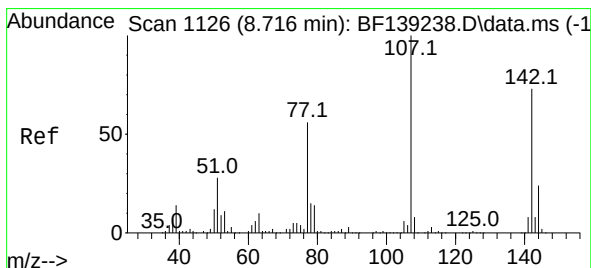
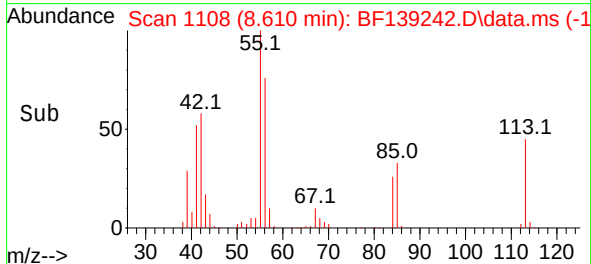
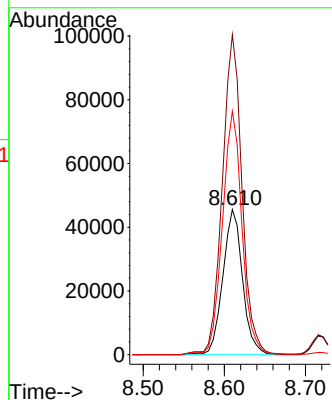
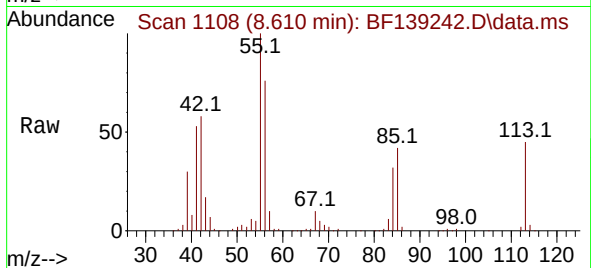
Tgt Ion:113 Resp: 76701

Ion Ratio Lower Upper

113 100

55 220.6 193.7 233.7

56 167.9 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 39.560 ng

RT: 8.716 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

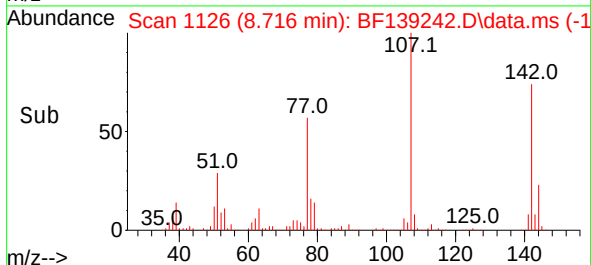
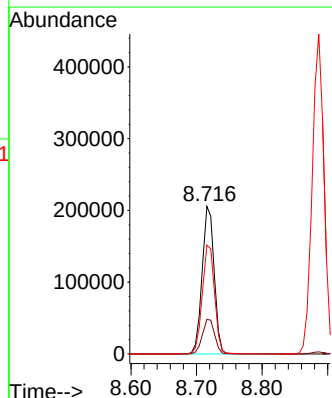
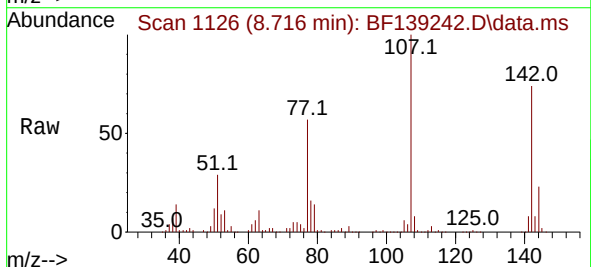
Tgt Ion:107 Resp: 263893

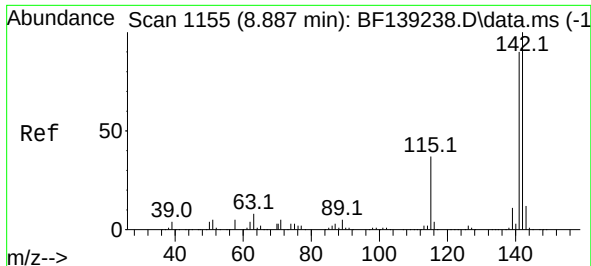
Ion Ratio Lower Upper

107 100

144 23.5 19.1 28.7

142 73.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 38.984 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

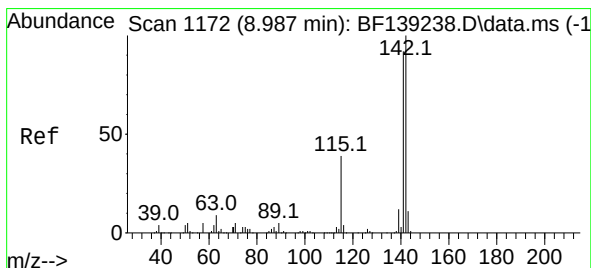
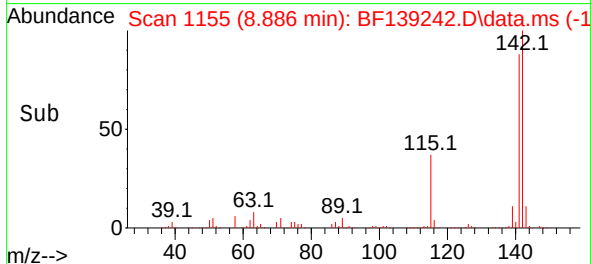
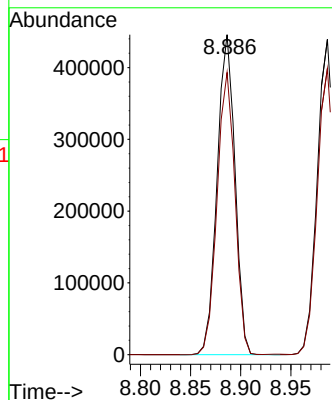
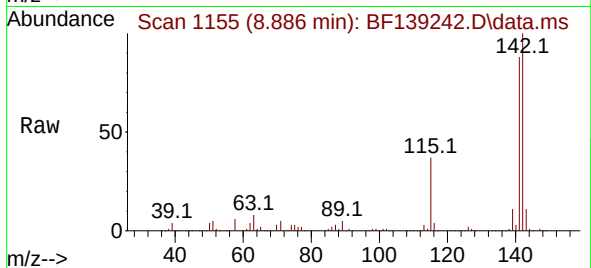
ICVBF090424

Tgt Ion:142 Resp: 552556

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 38.822 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139242.D

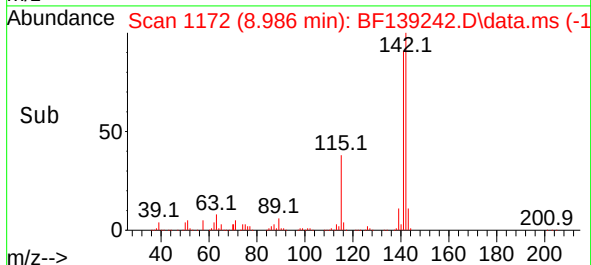
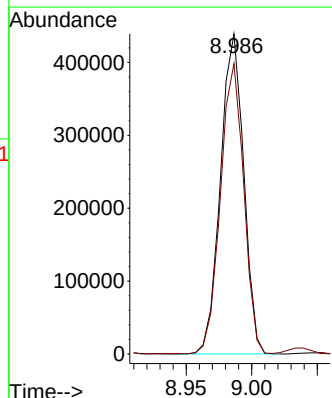
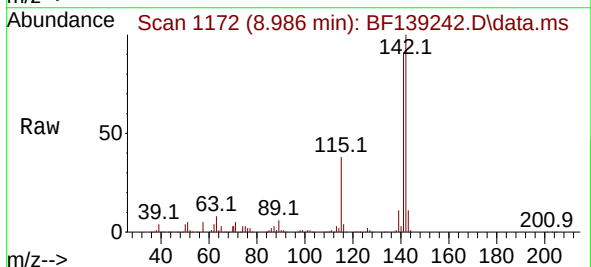
Acq: 04 Sep 2024 16:17

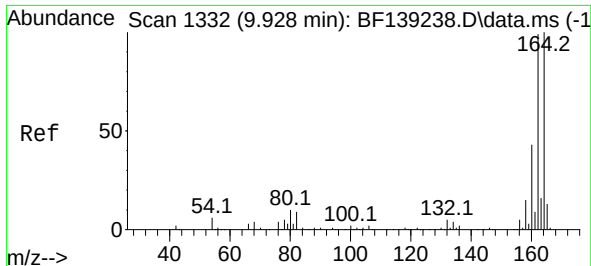
Tgt Ion:142 Resp: 541182

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

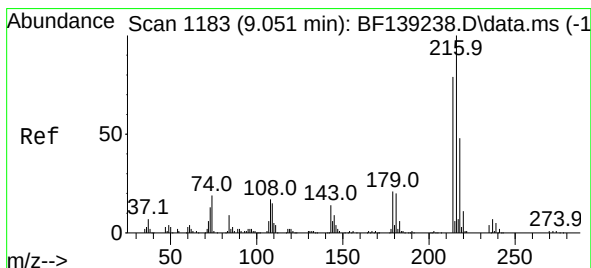
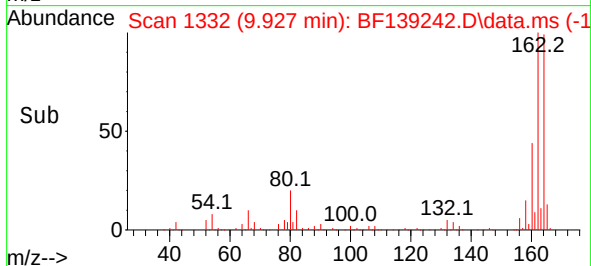
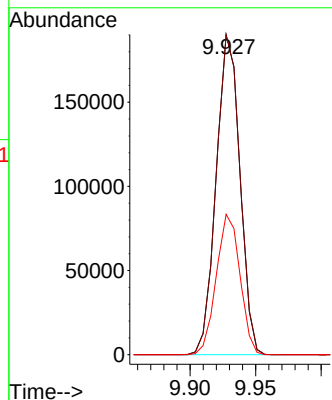
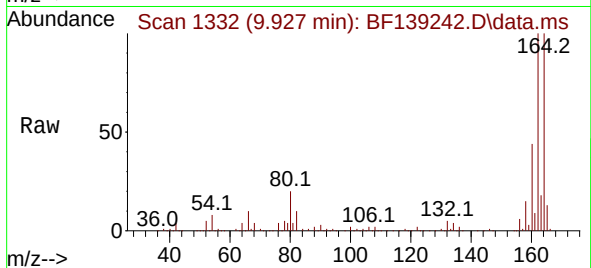
Tgt Ion:164 Resp: 238718

Ion Ratio Lower Upper

164 100

162 99.9 79.2 118.8

160 43.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.391 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Tgt Ion:216 Resp: 266045

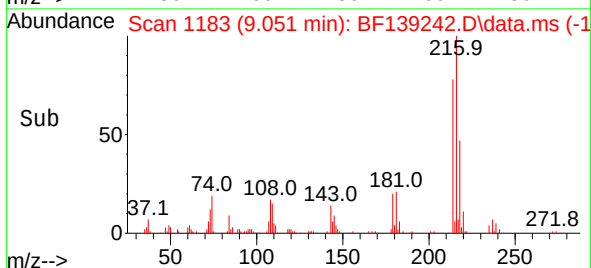
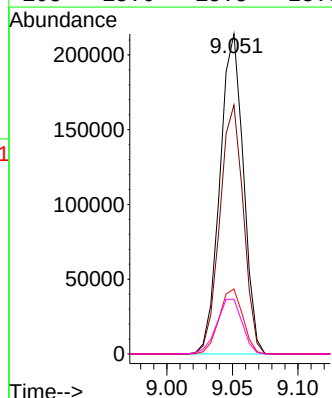
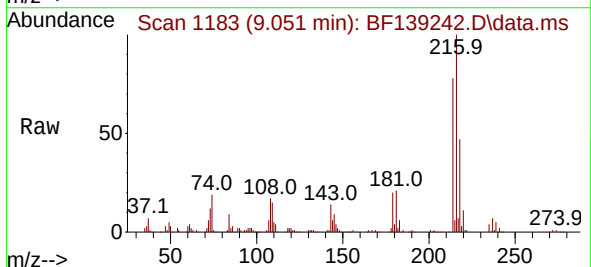
Ion Ratio Lower Upper

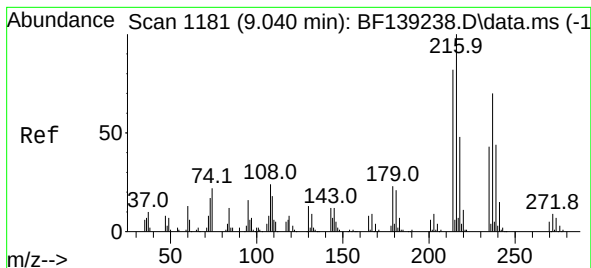
216 100

214 78.0 63.8 95.8

179 20.5 16.9 25.3

108 18.6 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 41.024 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

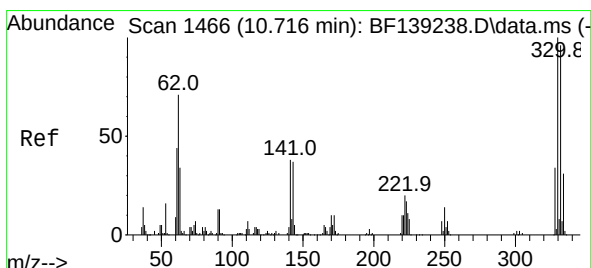
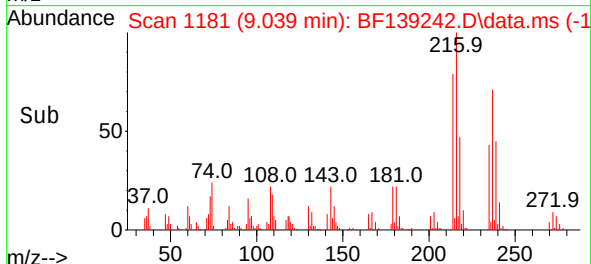
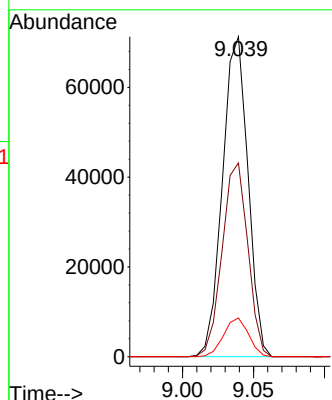
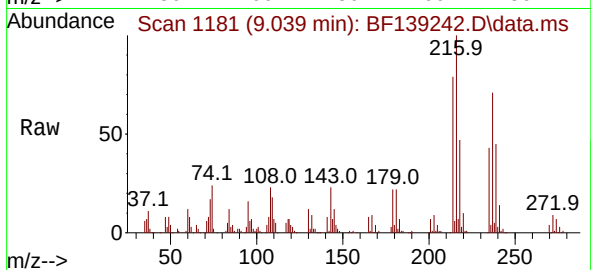
Tgt Ion:237 Resp: 89045

Ion Ratio Lower Upper

237 100

235 60.6 41.4 81.4

272 12.1 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 82.371 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

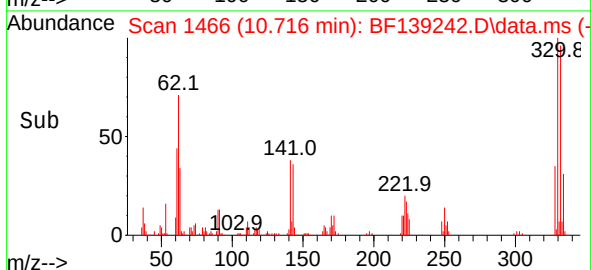
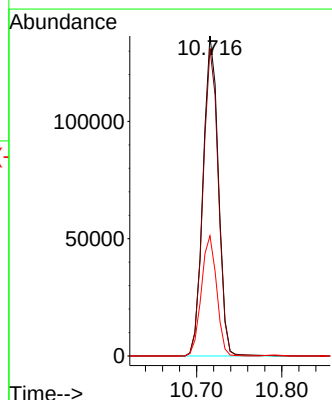
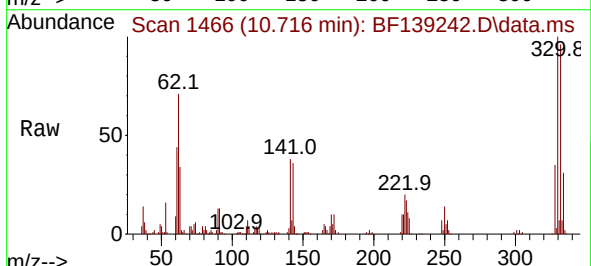
Tgt Ion:330 Resp: 169796

Ion Ratio Lower Upper

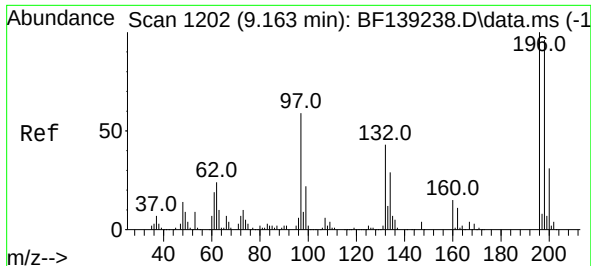
330 100

332 96.2 76.6 115.0

141 37.4 30.1 45.1







#43

2,4,6-Trichlorophenol

Concen: 40.672 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

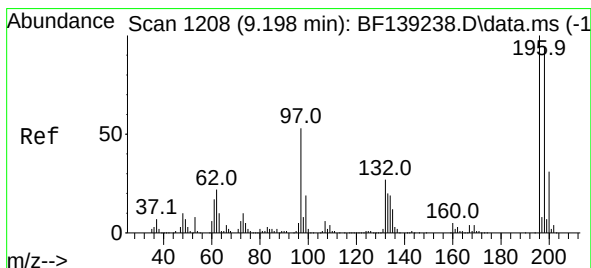
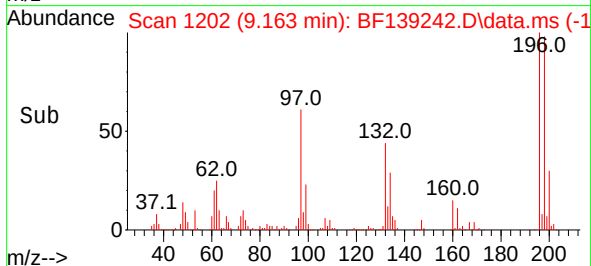
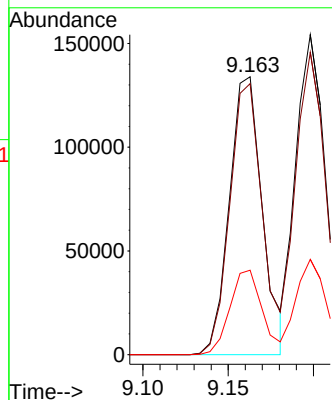
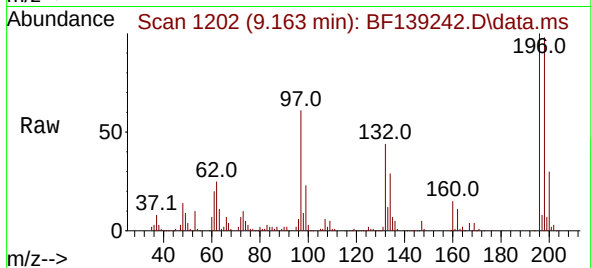
Tgt Ion:196 Resp: 179733

Ion Ratio Lower Upper

196 100

198 97.6 77.0 115.4

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.155 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Tgt Ion:196 Resp: 185951

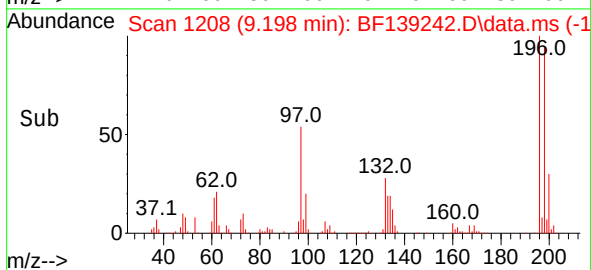
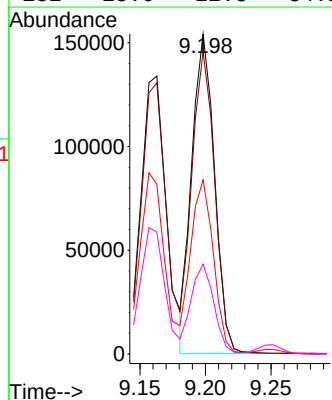
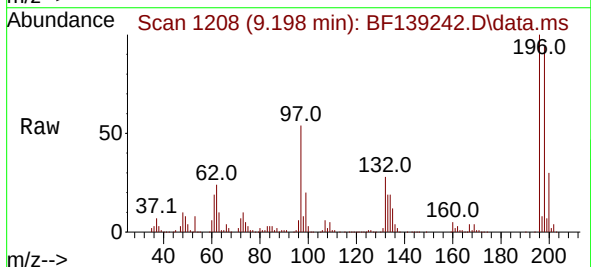
Ion Ratio Lower Upper

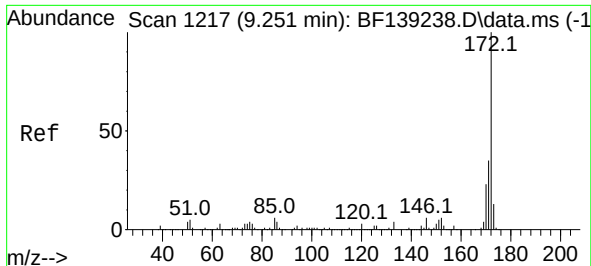
196 100

198 94.5 75.6 113.4

97 54.4 43.6 65.4

132 28.0 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 77.255 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

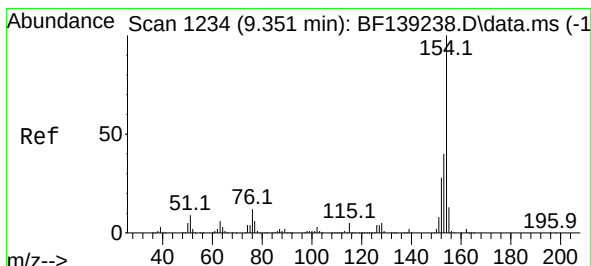
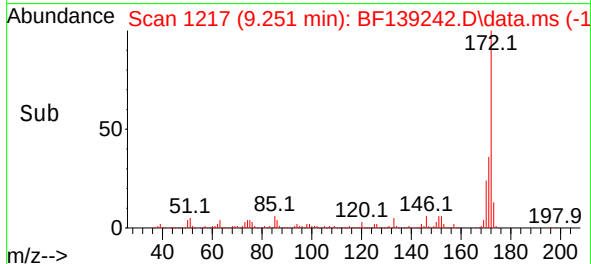
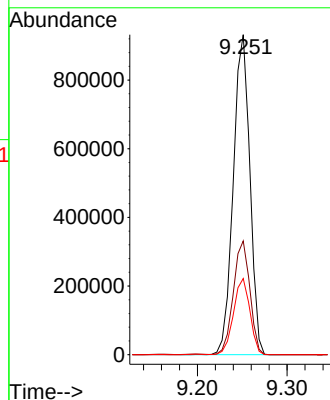
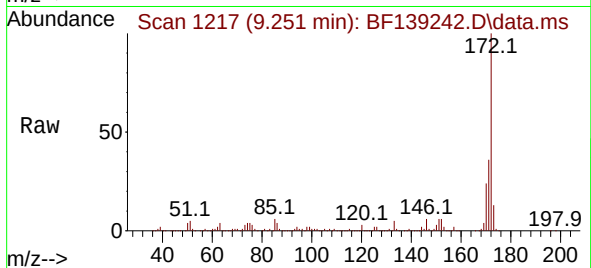
Tgt Ion:172 Resp: 1194714

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 39.162 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

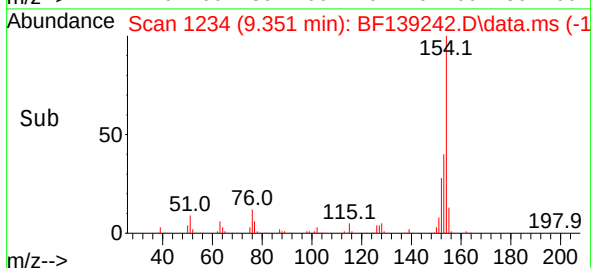
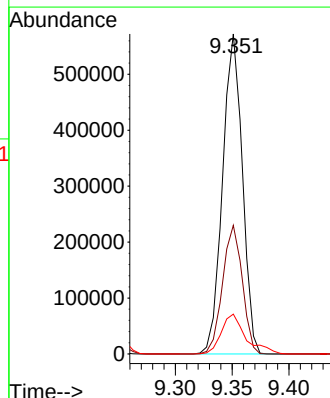
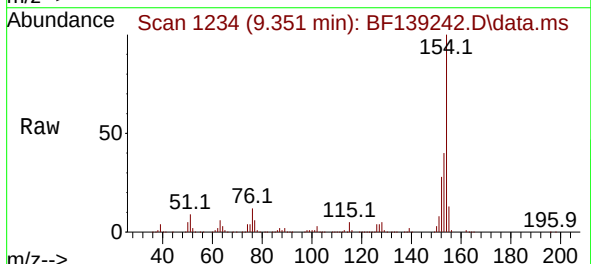
Tgt Ion:154 Resp: 692644

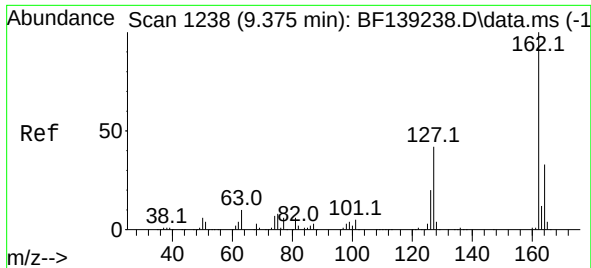
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.5 0.0 32.3





#47

2-Chloronaphthalene

Concen: 39.685 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

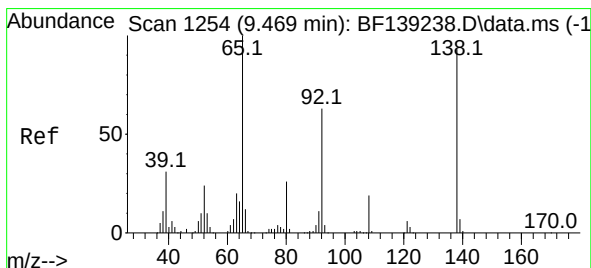
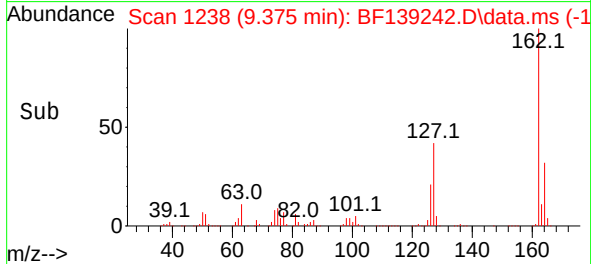
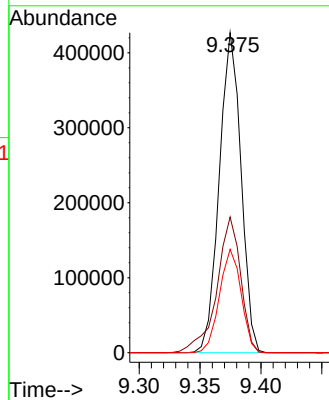
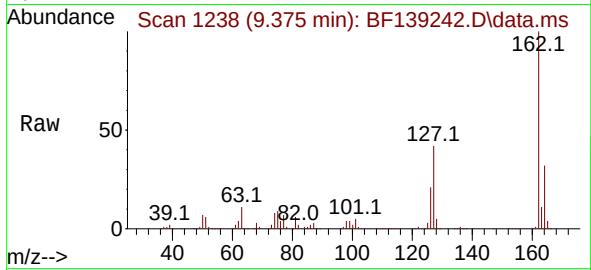
Tgt Ion:162 Resp: 529997

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 41.358 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

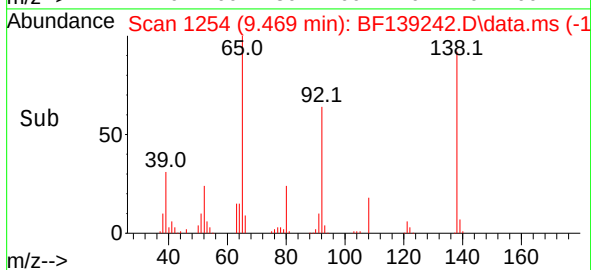
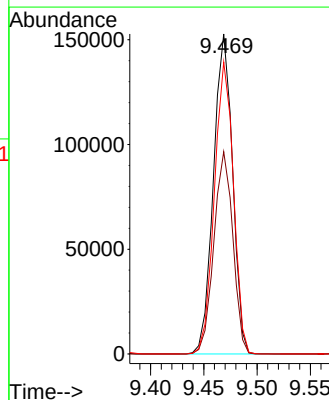
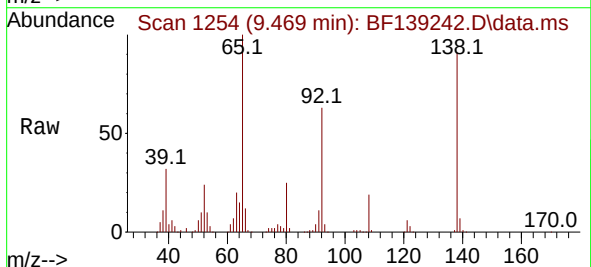
Tgt Ion: 65 Resp: 190246

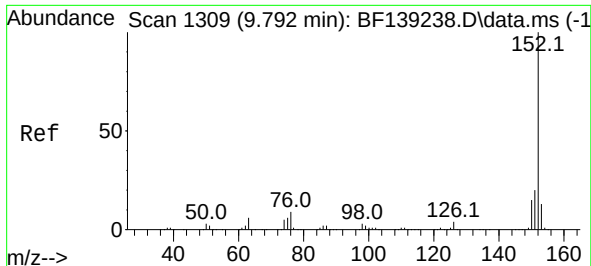
Ion Ratio Lower Upper

65 100

92 63.2 50.4 75.6

138 91.2 74.2 111.4





#49

Acenaphthylene

Concen: 39.607 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

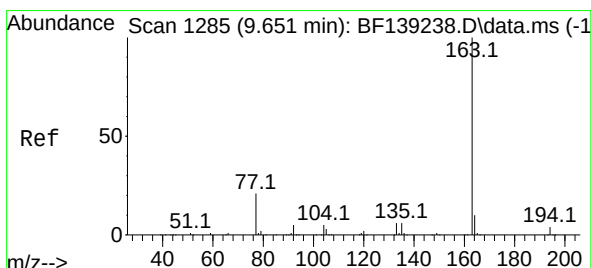
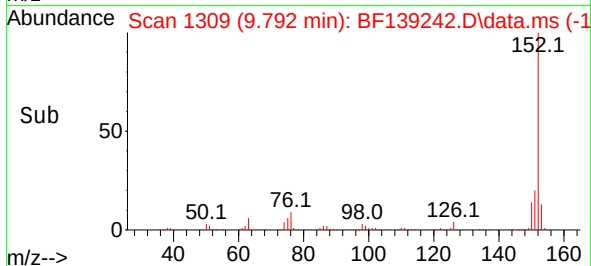
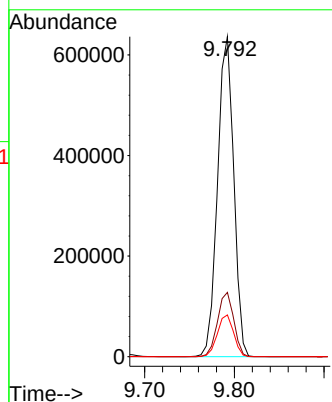
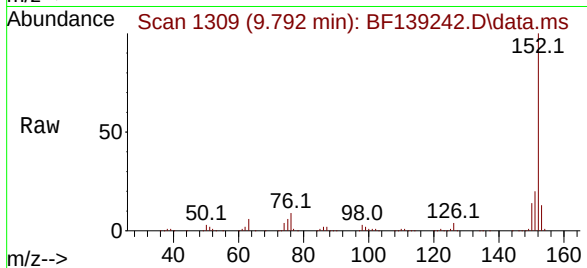
Tgt Ion:152 Resp: 796683

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 39.598 ng

RT: 9.651 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

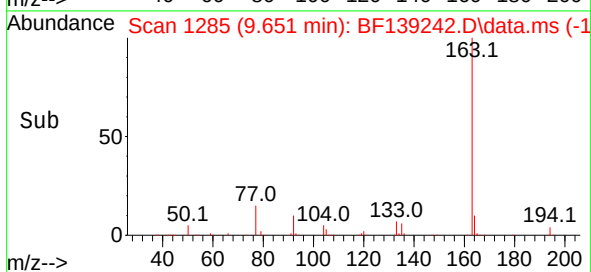
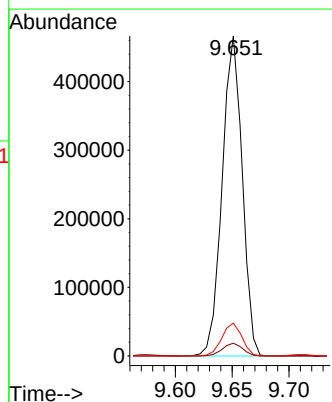
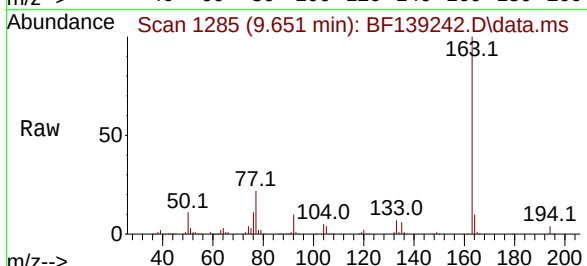
Tgt Ion:163 Resp: 572932

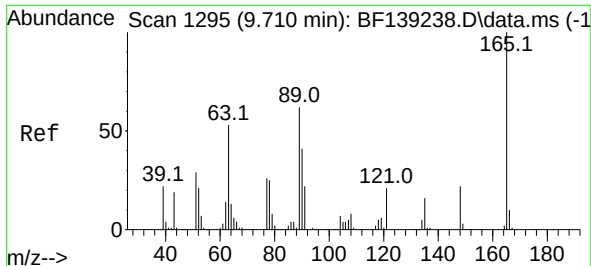
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 7.9 11.9

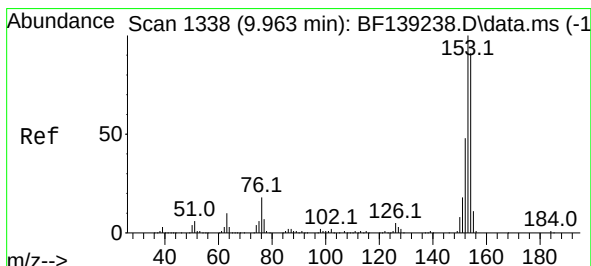
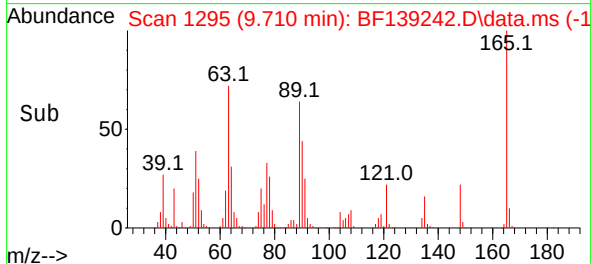
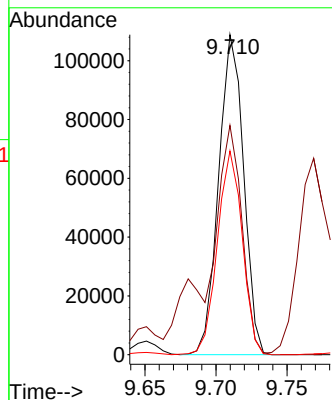
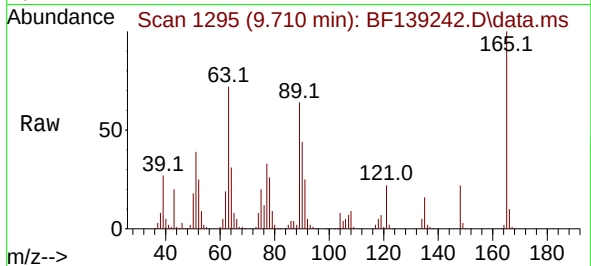




#51  
2,6-Dinitrotoluene  
Concen: 40.548 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

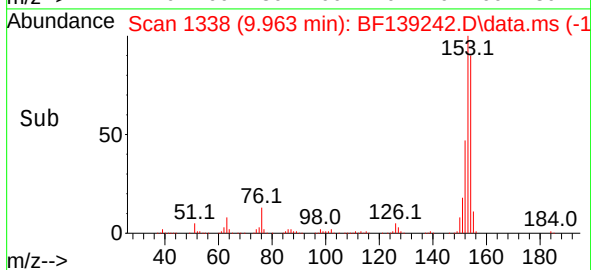
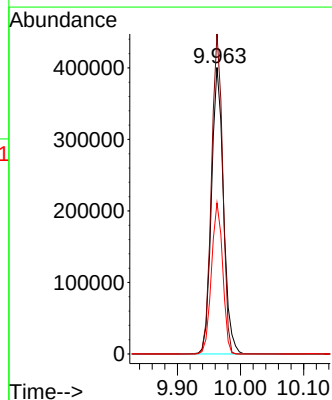
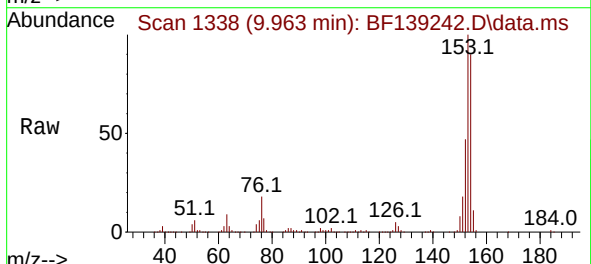
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

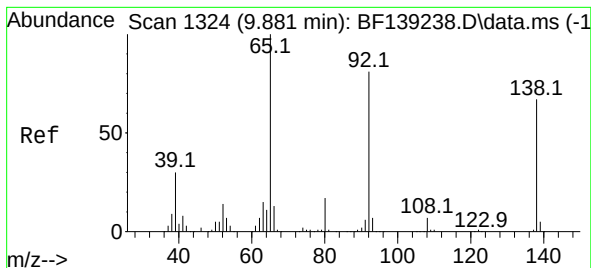
Tgt Ion:165 Resp: 133095  
Ion Ratio Lower Upper  
165 100  
63 71.7 56.1 84.1  
89 63.7 49.7 74.5



#52  
Acenaphthene  
Concen: 39.620 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:154 Resp: 528580  
Ion Ratio Lower Upper  
154 100  
153 111.7 87.8 131.6  
152 52.7 41.7 62.5





#53

3-Nitroaniline

Concen: 41.009 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

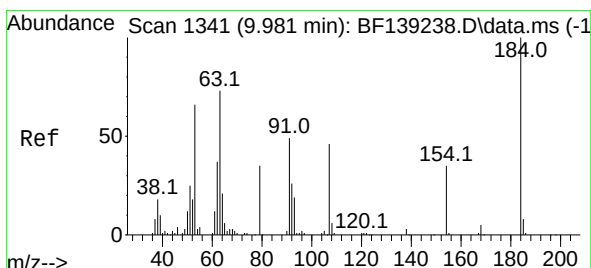
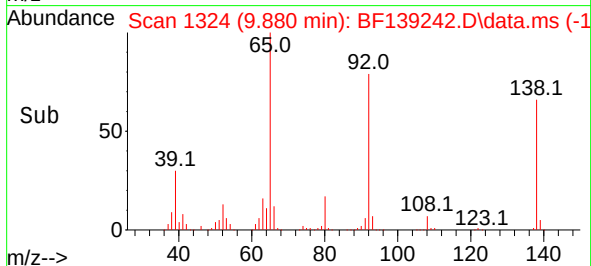
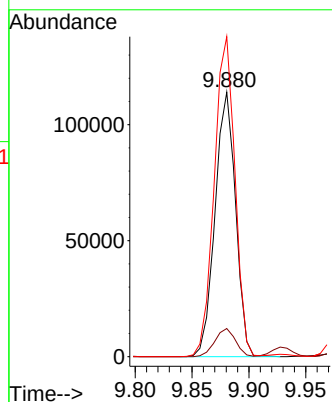
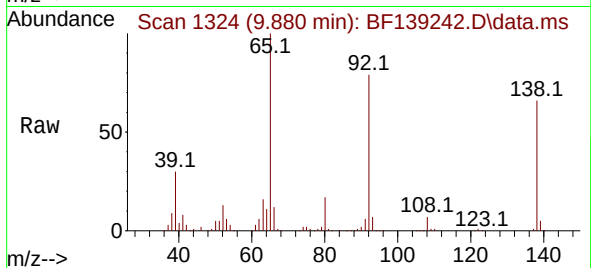
Tgt Ion:138 Resp: 143416

Ion Ratio Lower Upper

138 100

108 10.6 8.6 13.0

92 121.0 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 39.555 ng

RT: 9.980 min Scan# 1341

Delta R.T. -0.001 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

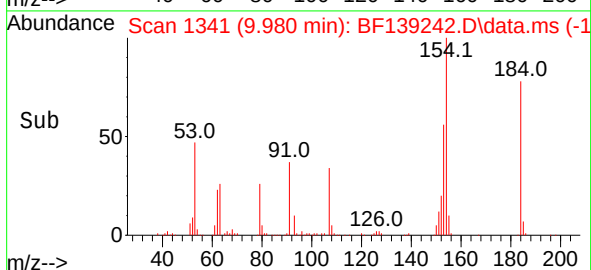
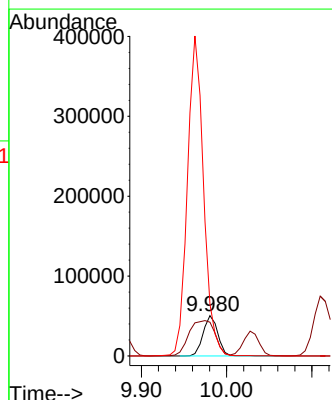
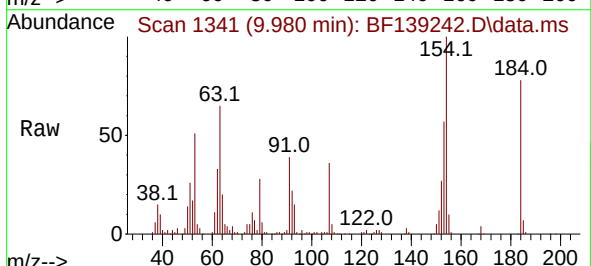
Tgt Ion:184 Resp: 60803

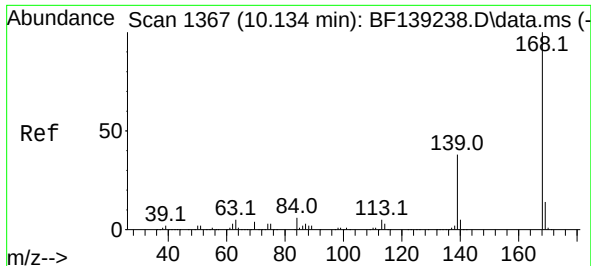
Ion Ratio Lower Upper

184 100

63 83.9 66.4 99.6

154 128.4 97.0 145.6

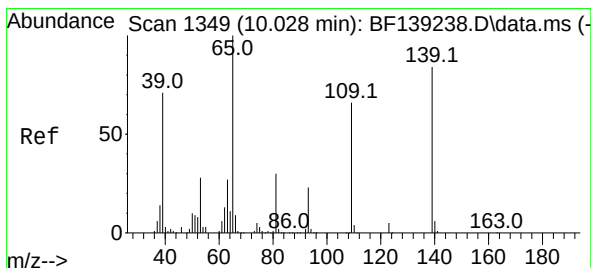
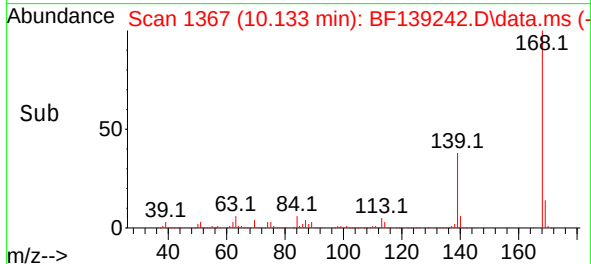
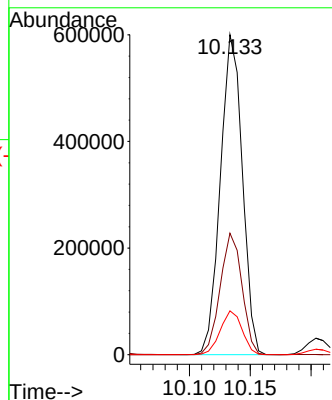
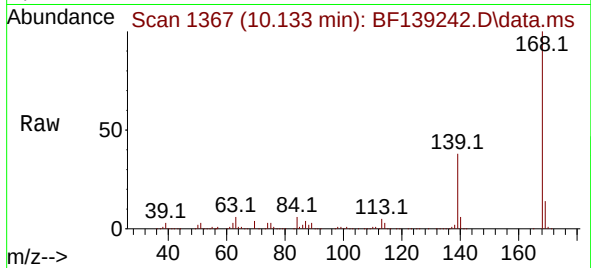




#55  
Dibenzenofuran  
Concen: 39.445 ng  
RT: 10.133 min Scan# 1367  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

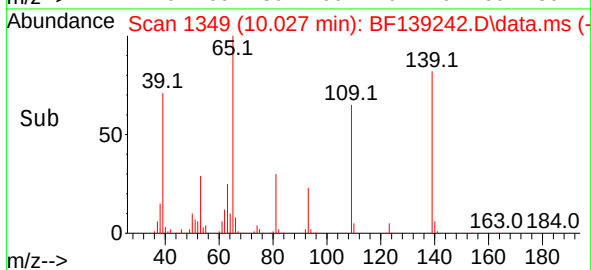
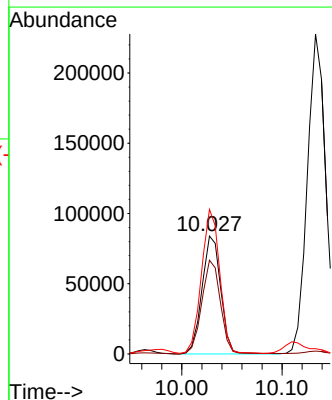
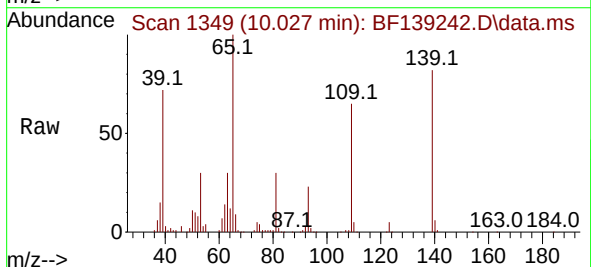
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

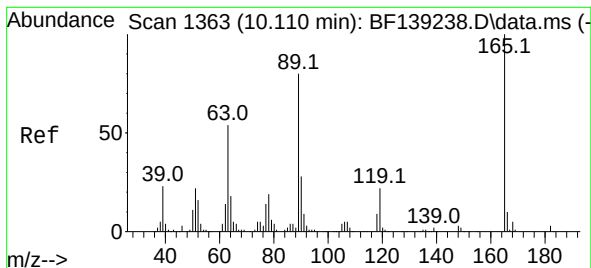
Tgt Ion:168 Resp: 754486  
Ion Ratio Lower Upper  
168 100  
139 37.9 30.2 45.4  
169 13.7 10.8 16.2



#56  
4-Nitrophenol  
Concen: 42.399 ng  
RT: 10.027 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:139 Resp: 109441  
Ion Ratio Lower Upper  
139 100  
109 79.5 58.7 98.7  
65 122.7 100.3 140.3

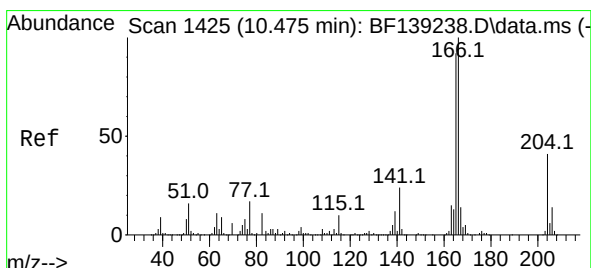
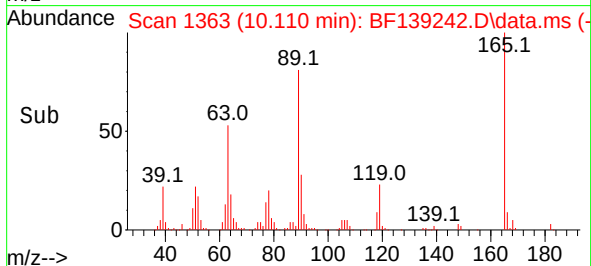
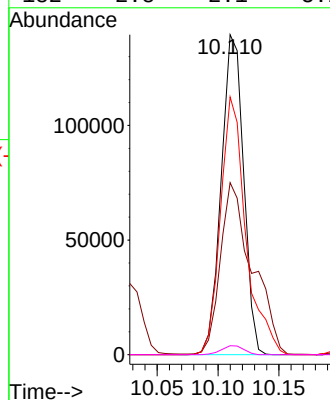
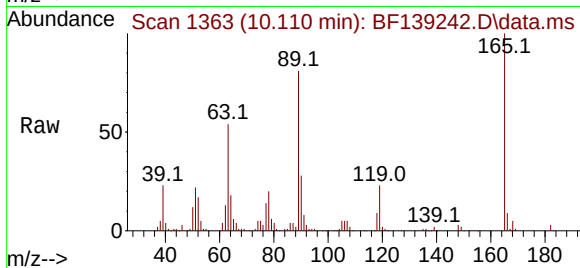




#57  
2,4-Dinitrotoluene  
Concen: 42.680 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

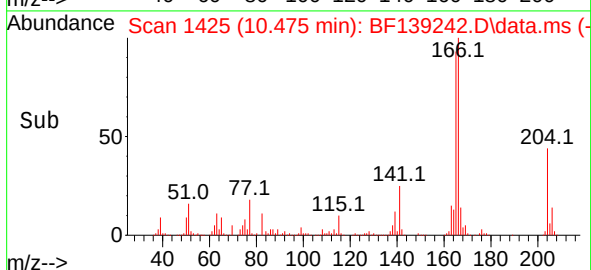
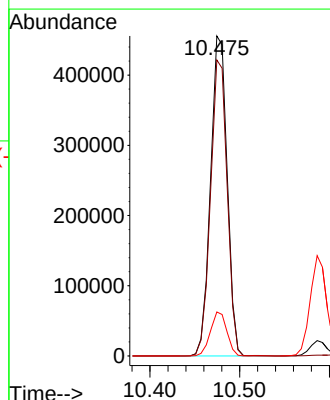
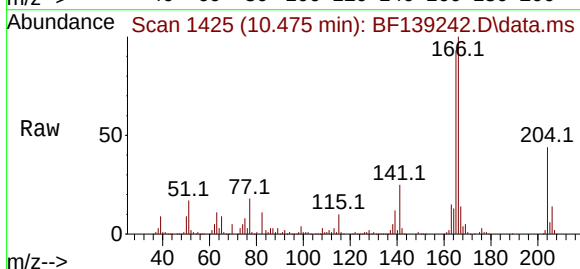
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

Tgt Ion:165 Resp: 178309  
Ion Ratio Lower Upper  
165 100  
63 53.7 43.4 65.0  
89 80.6 64.2 96.4  
182 2.8 2.1 3.1

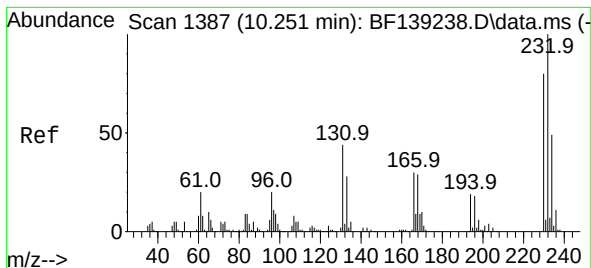


#58  
Fluorene  
Concen: 39.538 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:166 Resp: 586335  
Ion Ratio Lower Upper  
166 100  
165 92.5 73.7 110.5  
167 13.7 10.9 16.3



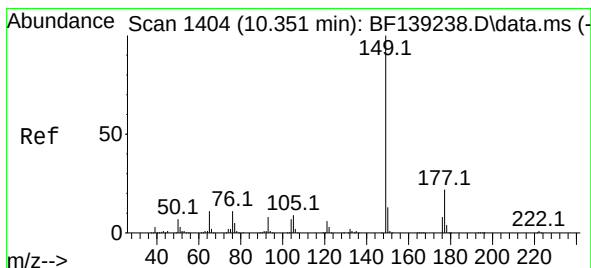
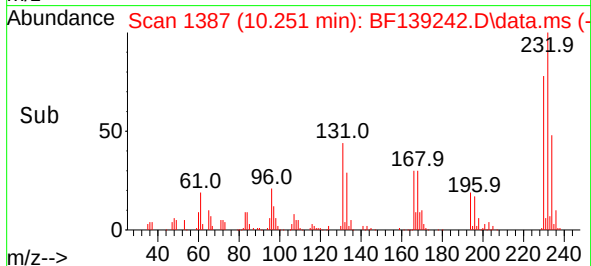
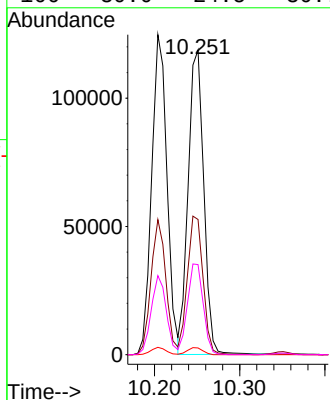
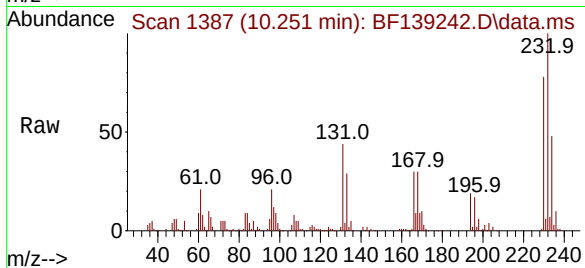




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.382 ng  
RT: 10.251 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

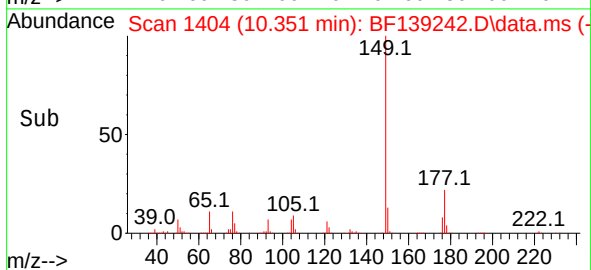
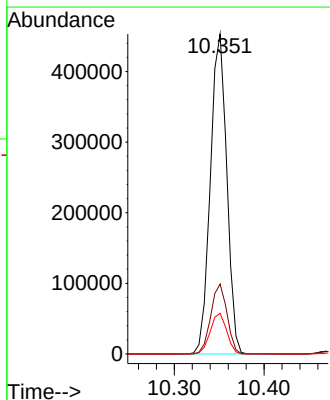
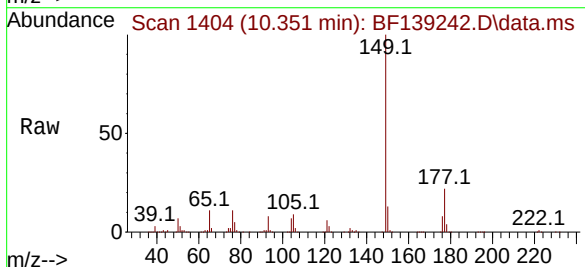
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

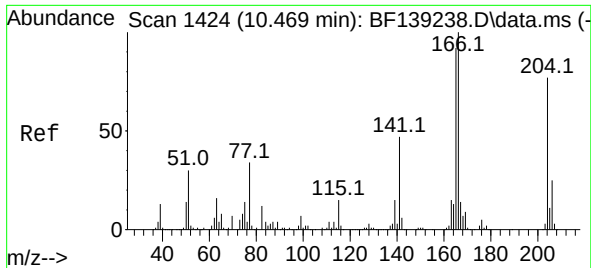
Tgt Ion:232 Resp: 150844  
Ion Ratio Lower Upper  
232 100  
131 45.7 37.7 56.5  
130 2.3 1.9 2.9  
166 30.0 24.5 36.7



#60  
Diethylphthalate  
Concen: 40.373 ng  
RT: 10.351 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:149 Resp: 574862  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.7 26.5  
150 12.7 10.2 15.2

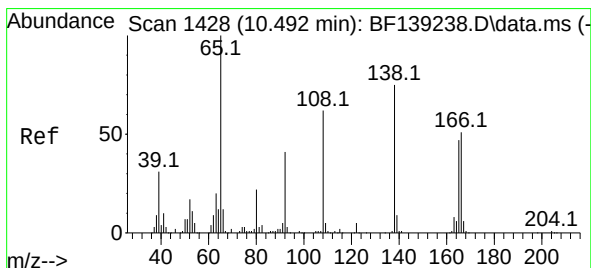
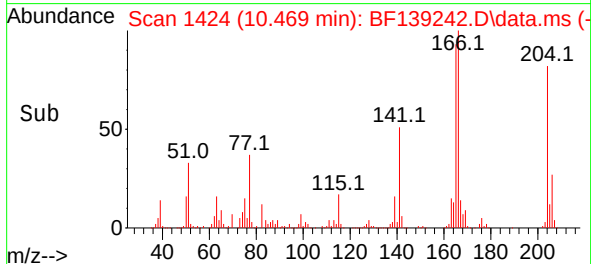
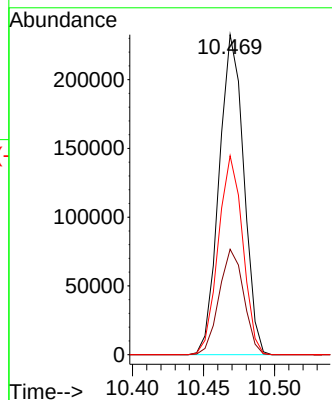
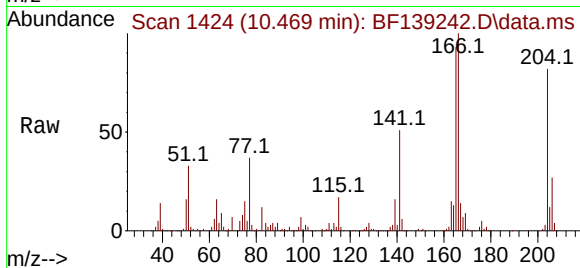




#61  
4-Chlorophenyl-phenylether  
Concen: 39.321 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

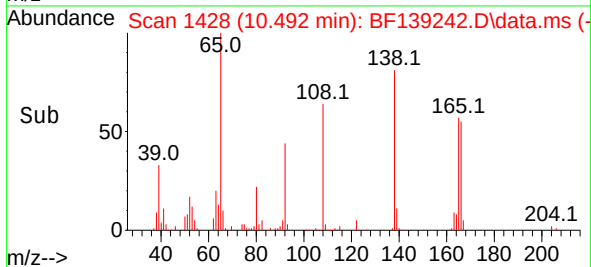
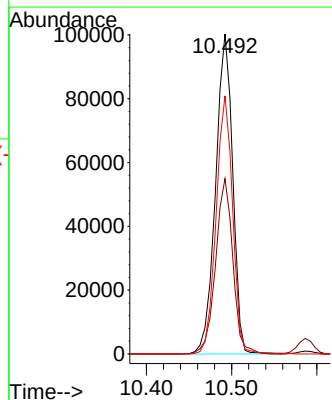
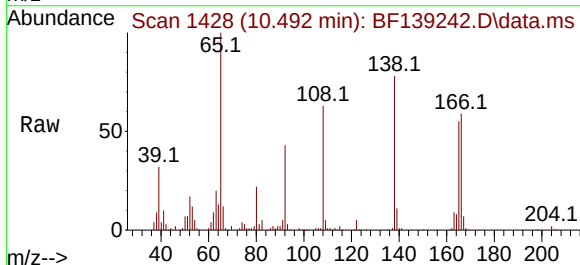
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

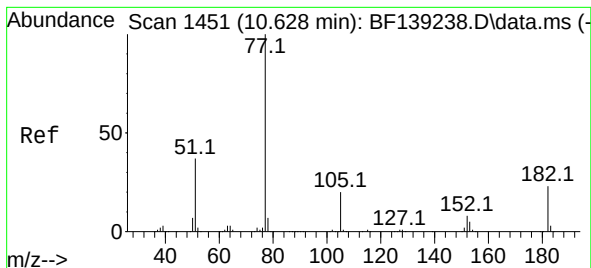
Tgt Ion:204 Resp: 281211  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.8 38.8  
141 62.2 48.6 72.8



#62  
4-Nitroaniline  
Concen: 42.140 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:138 Resp: 140281  
Ion Ratio Lower Upper  
138 100  
92 54.8 34.4 74.4  
108 80.7 62.7 102.7





#63

Azobenzene

Concen: 39.680 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

Tgt Ion: 77 Resp: 595485

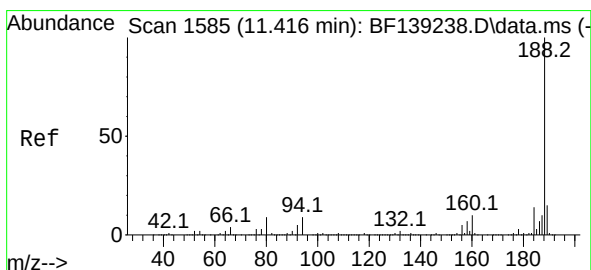
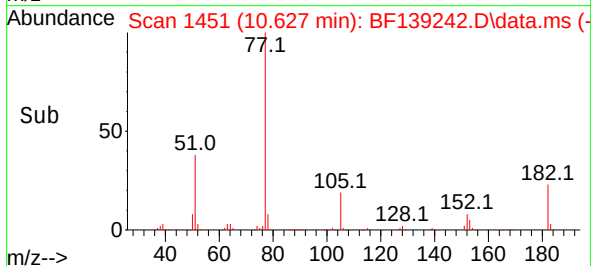
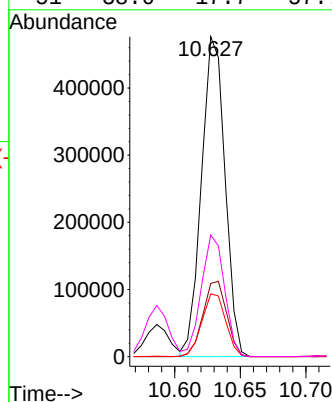
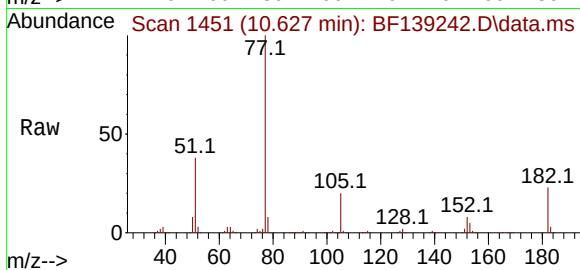
Ion Ratio Lower Upper

77 100

182 22.9 3.0 43.0

105 19.6 0.0 39.4

51 38.0 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

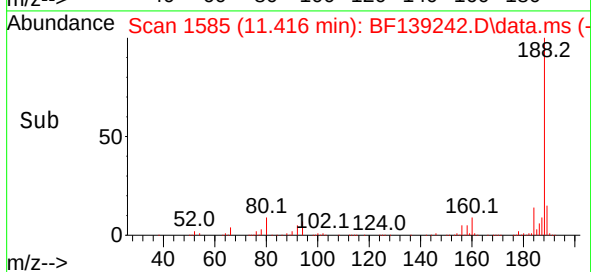
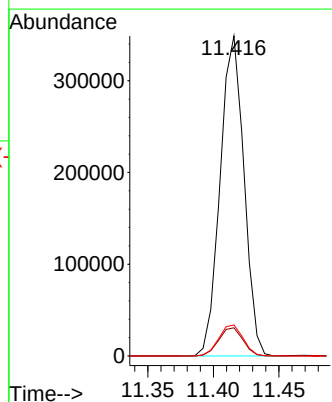
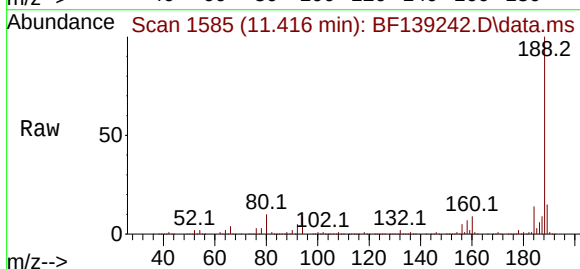
Tgt Ion:188 Resp: 440188

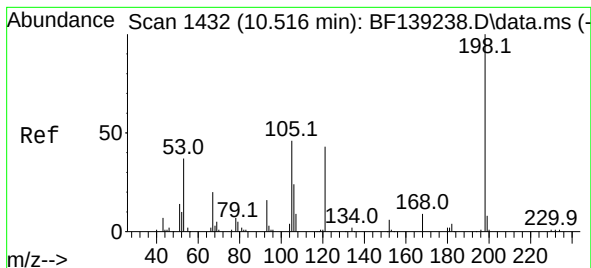
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.7 7.3 10.9

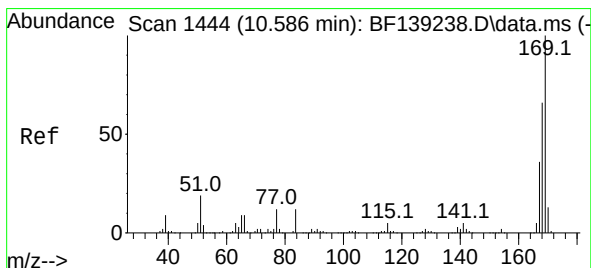
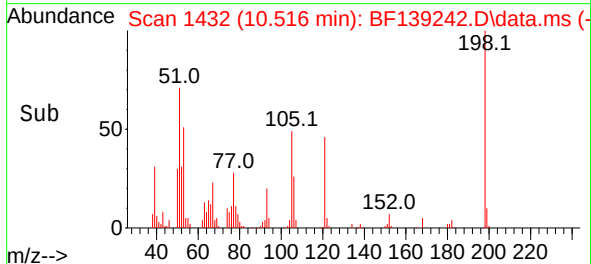
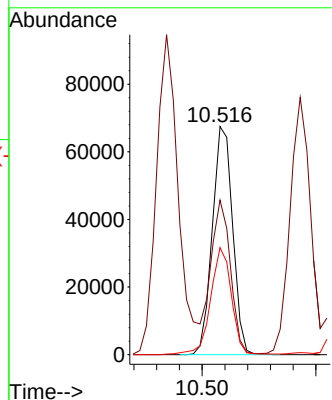
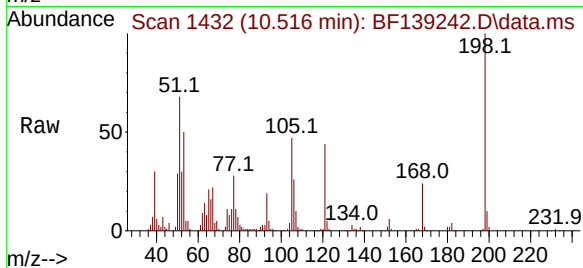




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.224 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

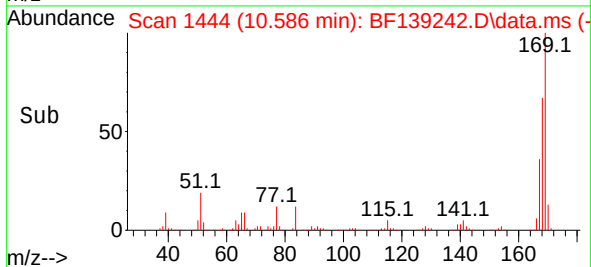
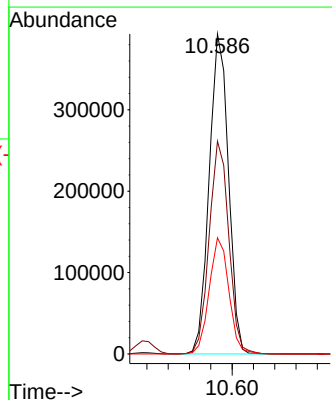
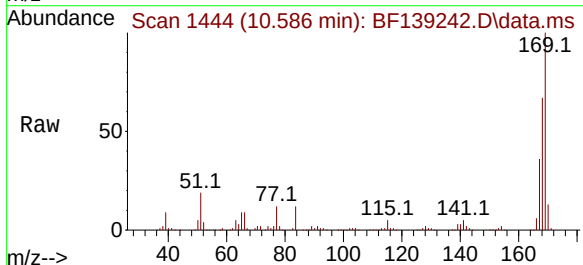
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

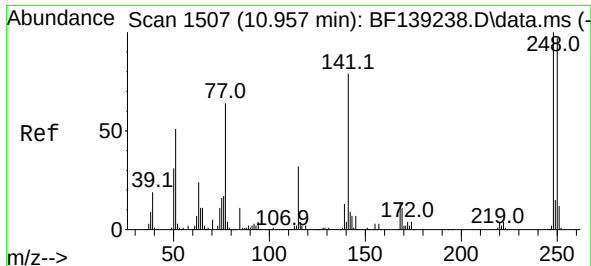
Tgt Ion:198 Resp: 83846  
Ion Ratio Lower Upper  
198 100  
51 67.8 47.2 87.2  
105 46.9 27.1 67.1



#66  
n-Nitrosodiphenylamine  
Concen: 38.492 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:169 Resp: 493204  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.0 79.6  
167 36.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 39.239 ng

RT: 10.963 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

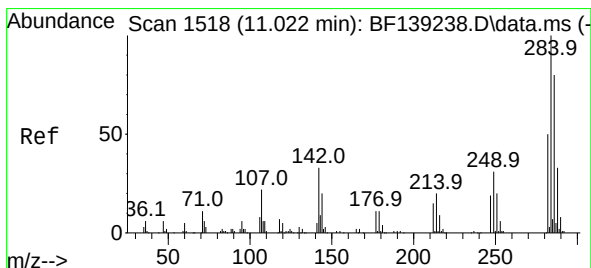
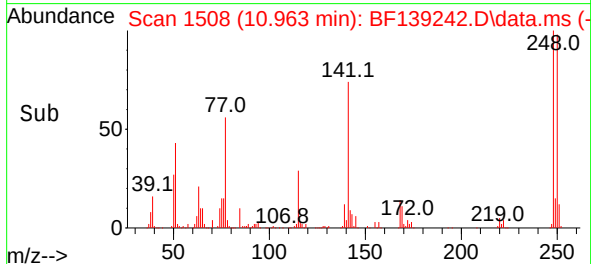
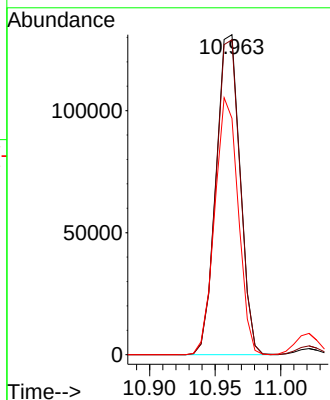
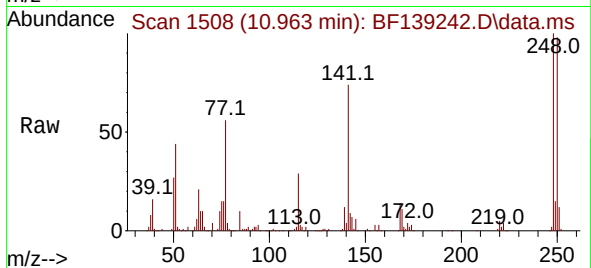
Tgt Ion:248 Resp: 167586

Ion Ratio Lower Upper

248 100

250 98.4 77.2 115.8

141 73.9 63.6 95.4



#68

Hexachlorobenzene

Concen: 38.612 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

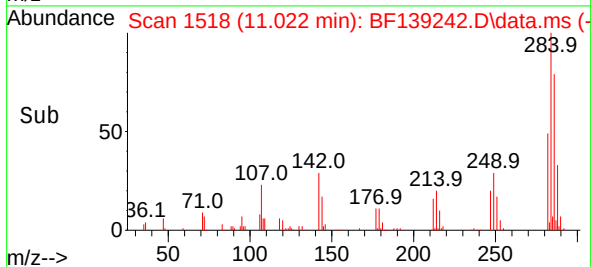
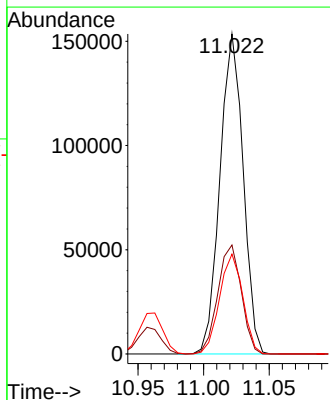
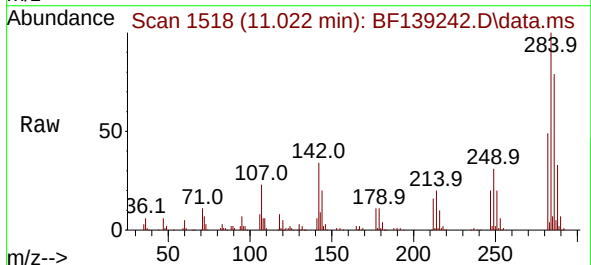
Tgt Ion:284 Resp: 188782

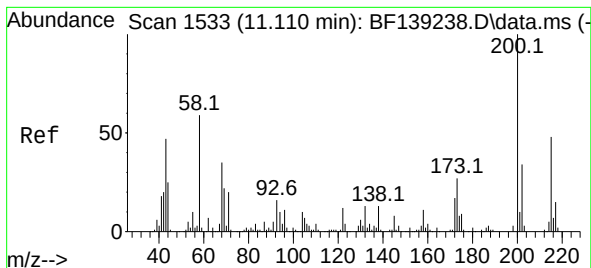
Ion Ratio Lower Upper

284 100

142 34.1 26.5 39.7

249 31.2 24.8 37.2





#69

Atrazine

Concen: 37.326 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

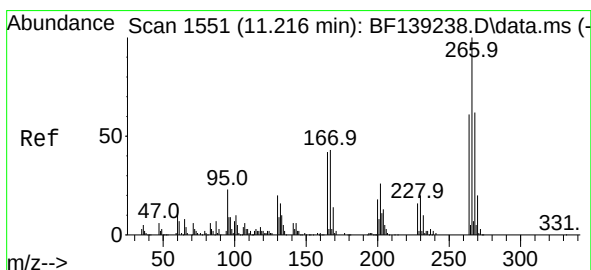
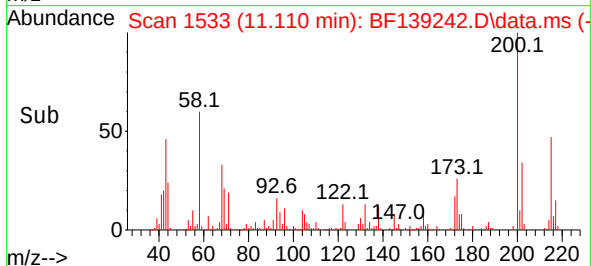
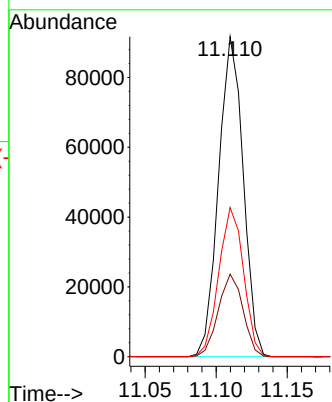
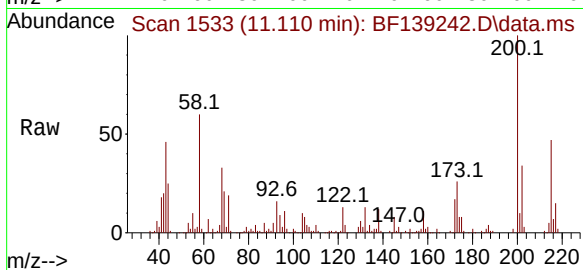
Tgt Ion:200 Resp: 110343

Ion Ratio Lower Upper

200 100

173 25.8 7.1 47.1

215 46.6 28.5 68.5



#70

Pentachlorophenol

Concen: 41.963 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

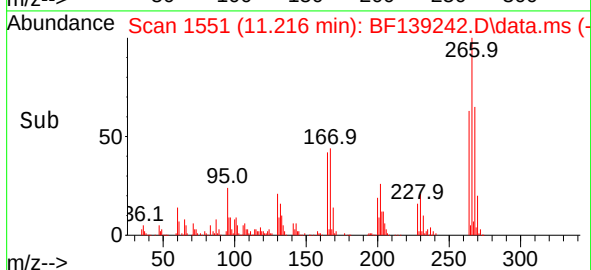
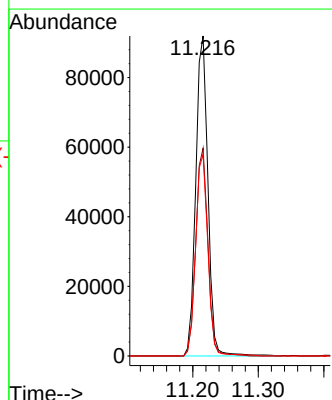
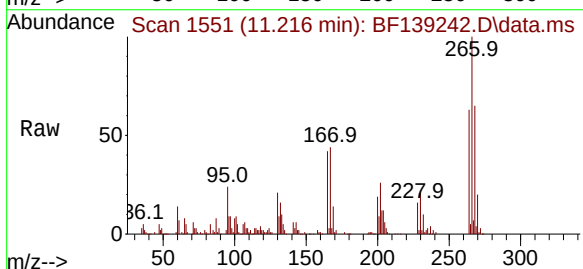
Tgt Ion:266 Resp: 118514

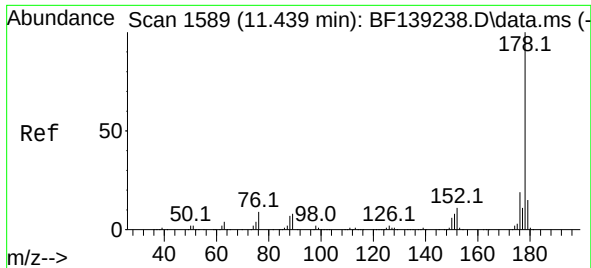
Ion Ratio Lower Upper

266 100

268 64.9 49.7 74.5

264 63.0 49.2 73.8

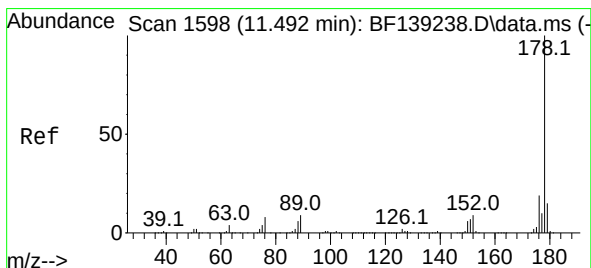
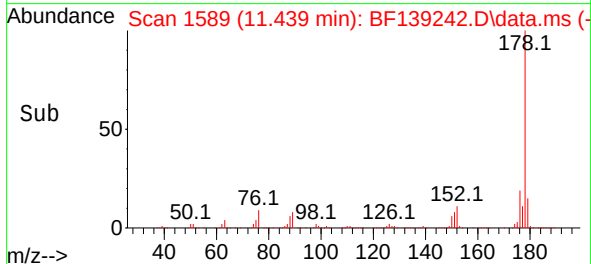
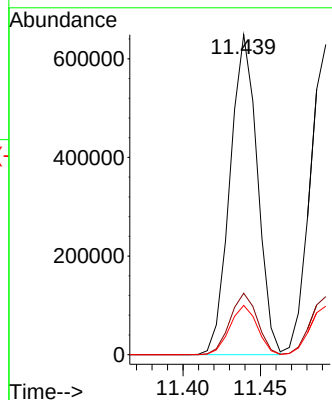
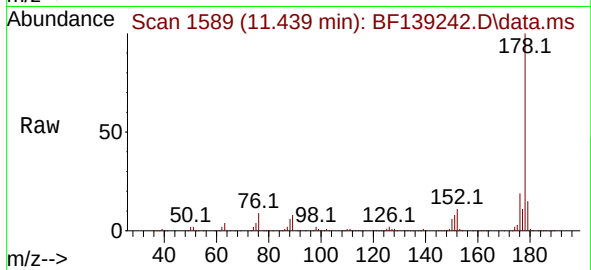




#71  
Phenanthrene  
Concen: 38.729 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

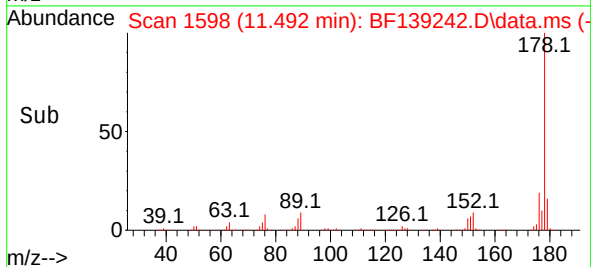
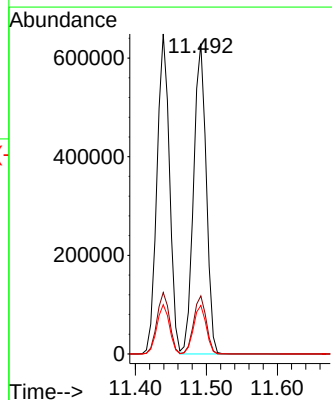
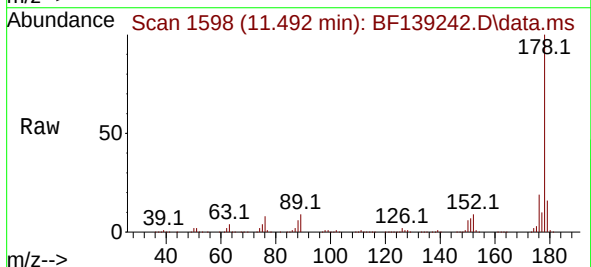
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

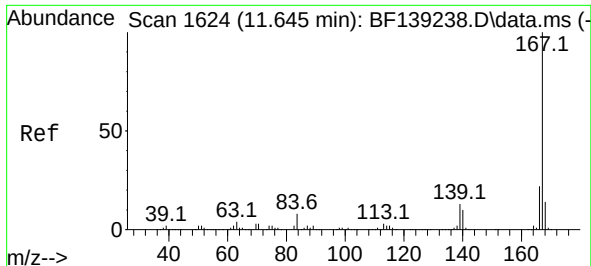
Tgt Ion:178 Resp: 796405  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.4 12.3 18.5



#72  
Anthracene  
Concen: 38.826 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

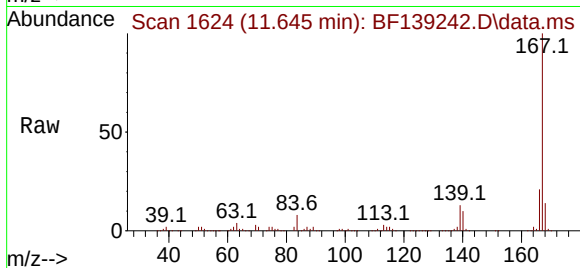
Tgt Ion:178 Resp: 779933  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.6 12.3 18.5



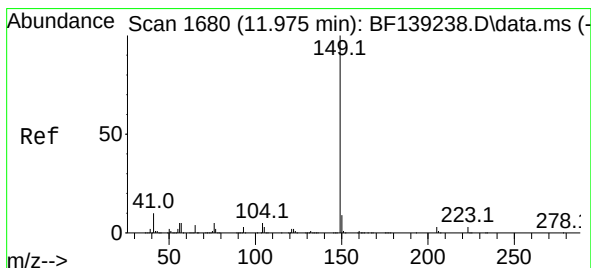
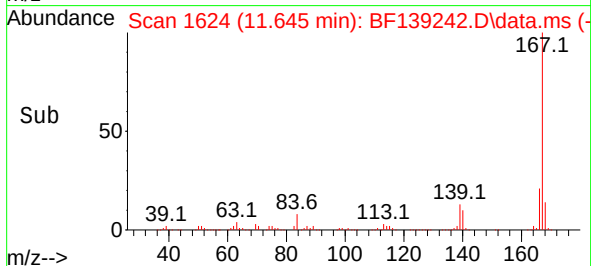
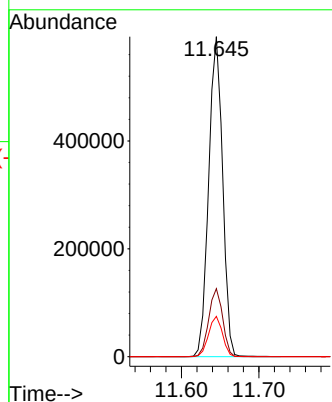


#73  
 Carbazole  
 Concen: 39.422 ng  
 RT: 11.645 min Scan# 1624  
 Delta R.T. -0.000 min  
 Lab File: BF139242.D  
 Acq: 04 Sep 2024 16:17

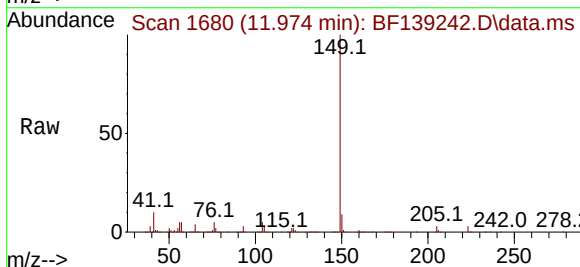
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF090424



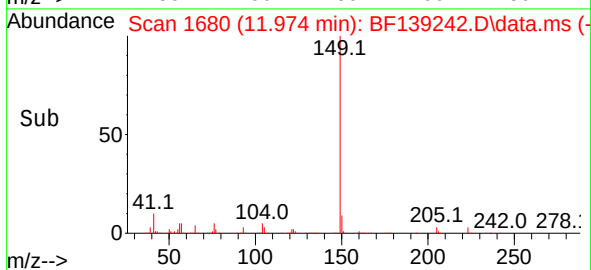
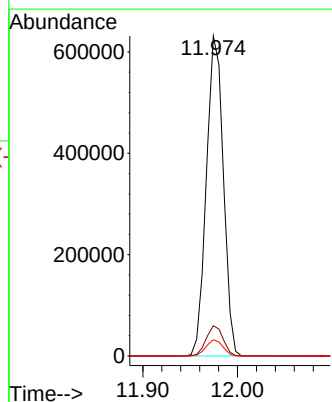
Tgt Ion:167 Resp: 740150  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.2 25.8  
 139 12.6 10.2 15.4



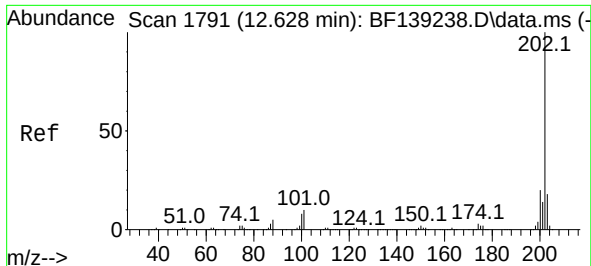
#74  
 Di-n-butylphthalate  
 Concen: 40.777 ng  
 RT: 11.974 min Scan# 1680  
 Delta R.T. -0.000 min  
 Lab File: BF139242.D  
 Acq: 04 Sep 2024 16:17



Tgt Ion:149 Resp: 783892  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 5.1 3.9 5.9



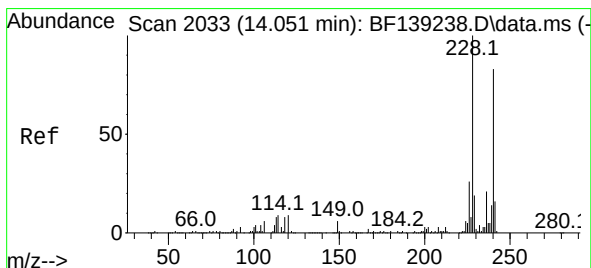
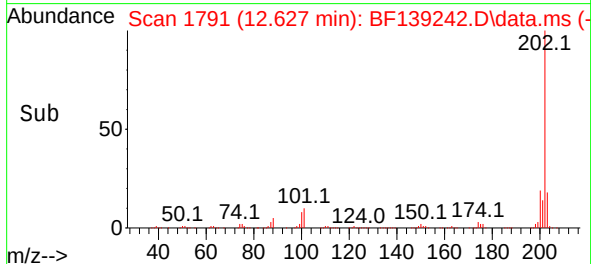
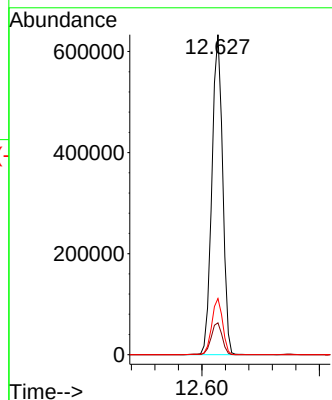
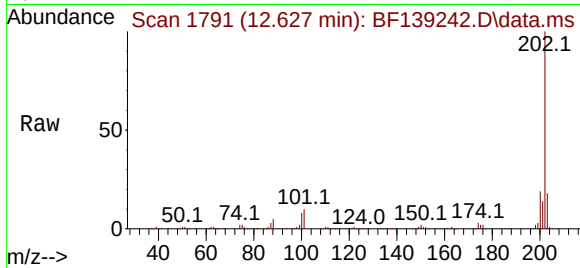




#75  
Fluoranthene  
Concen: 38.963 ng  
RT: 12.627 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

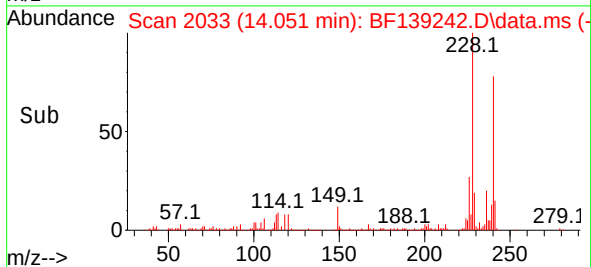
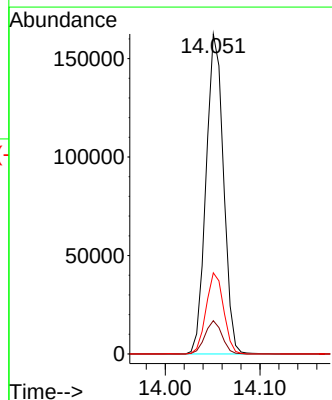
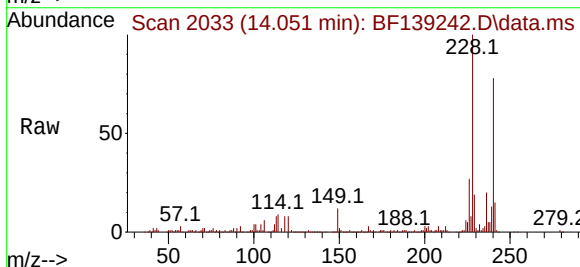
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

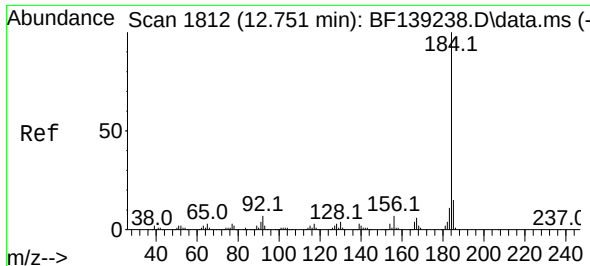
Tgt Ion:202 Resp: 803269  
Ion Ratio Lower Upper  
202 100  
101 10.0 0.0 29.9  
203 17.6 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:240 Resp: 206743  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 12.8  
236 25.4 20.7 31.1

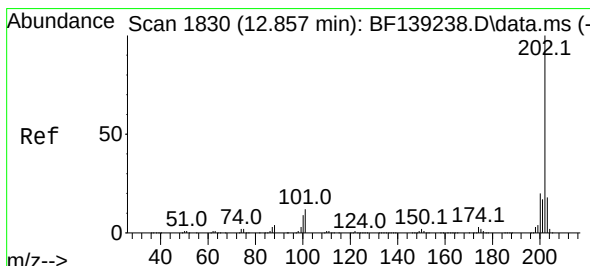
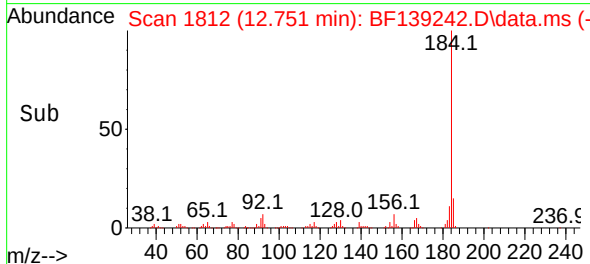
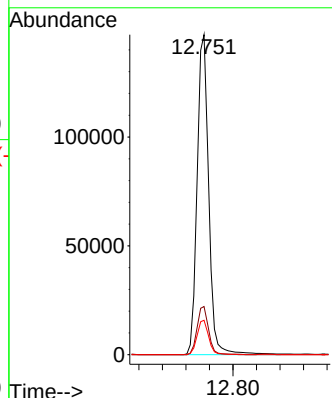
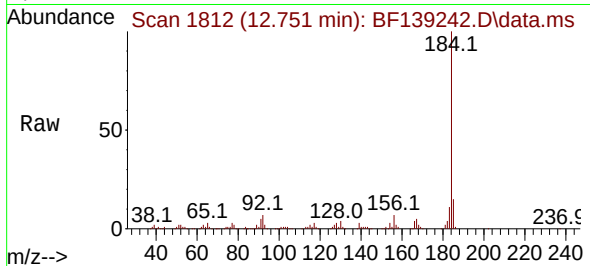




#77  
Benzidine  
Concen: 48.244 ng  
RT: 12.751 min Scan# 1812  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

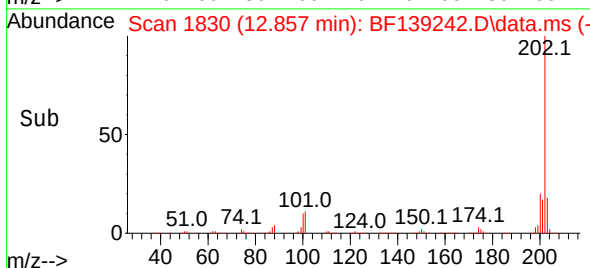
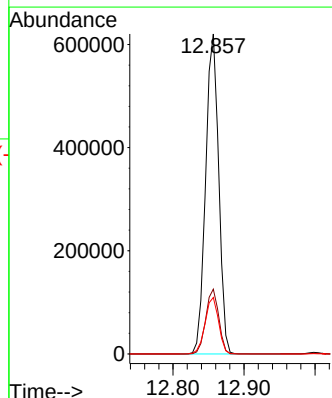
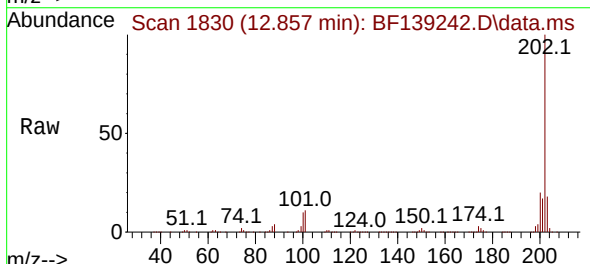
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

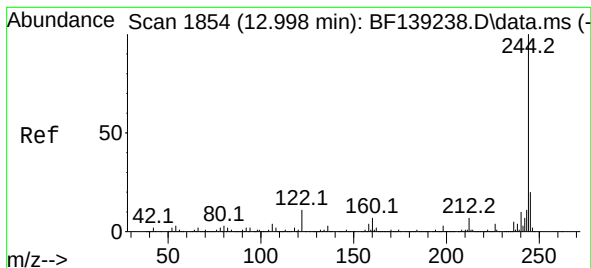
Tgt Ion:184 Resp: 200831  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.9 17.9  
183 10.8 8.8 13.2



#78  
Pyrene  
Concen: 39.821 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:202 Resp: 795285  
Ion Ratio Lower Upper  
202 100  
200 20.3 15.8 23.8  
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 79.297 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

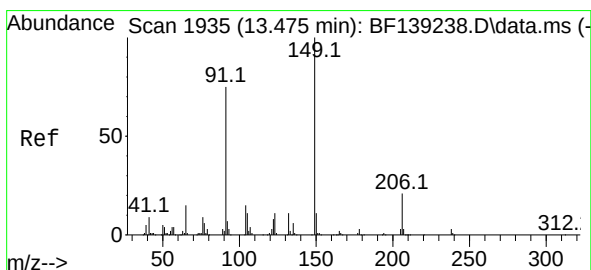
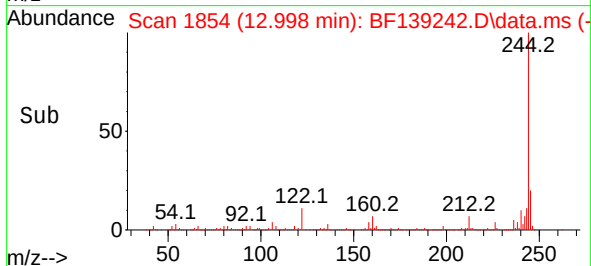
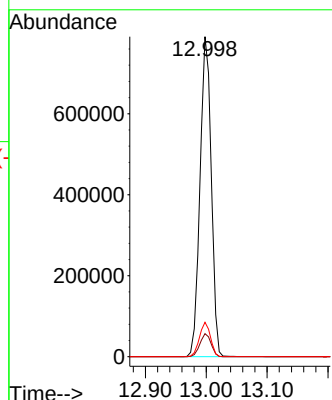
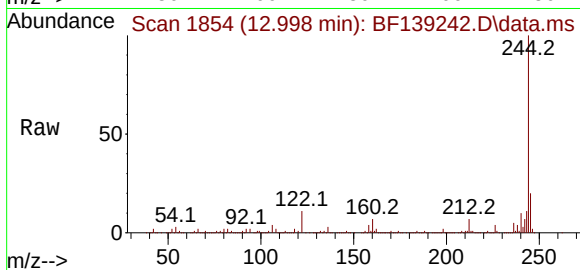
Tgt Ion:244 Resp: 1015384

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.7 8.7 13.1



#80

Butylbenzylphthalate

Concen: 43.001 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

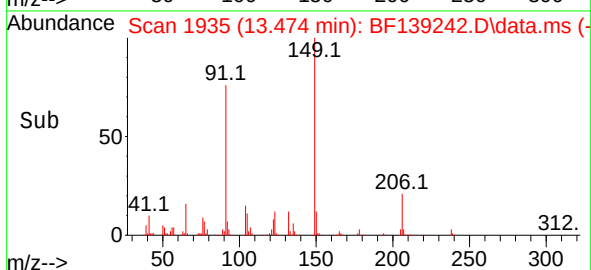
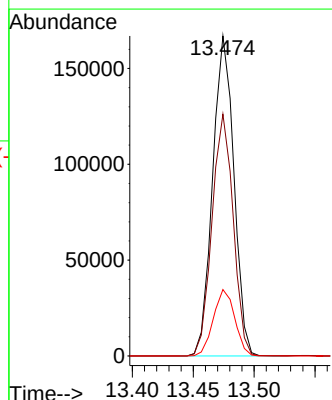
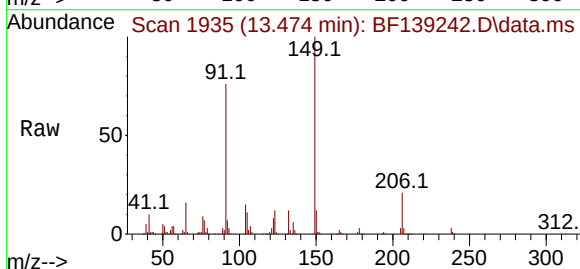
Tgt Ion:149 Resp: 202169

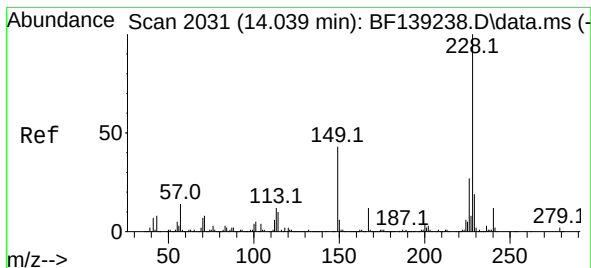
Ion Ratio Lower Upper

149 100

91 75.5 60.3 90.5

206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 40.661 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

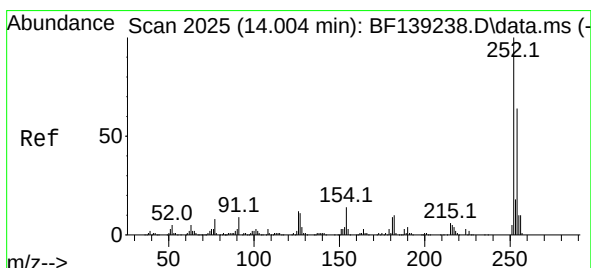
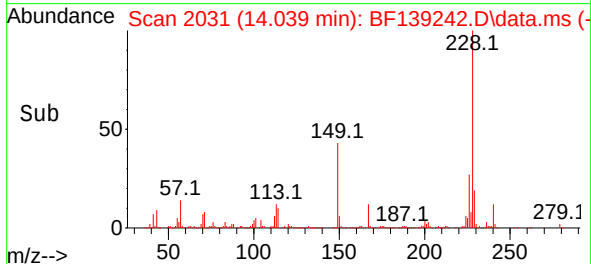
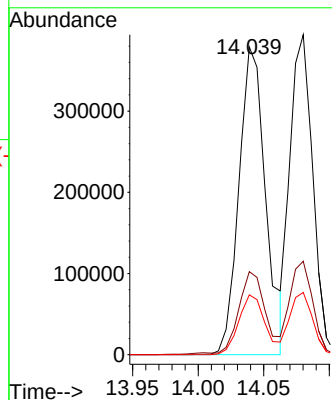
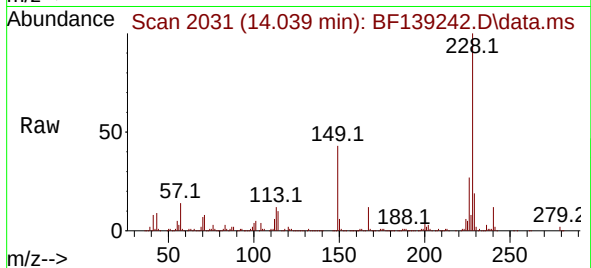
Tgt Ion:228 Resp: 536785

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.879 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

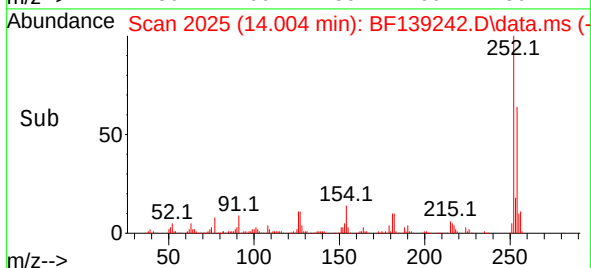
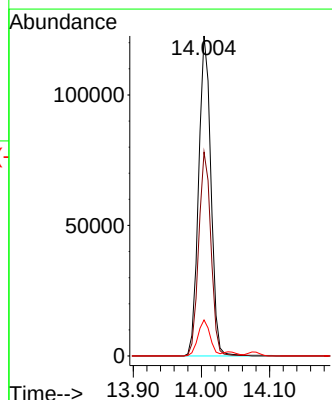
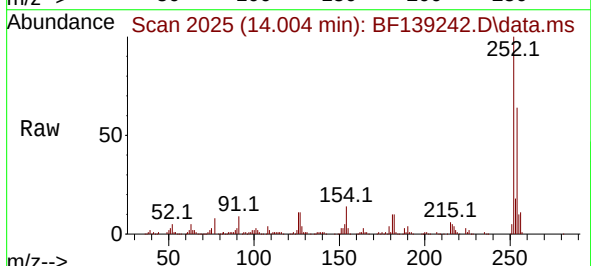
Tgt Ion:252 Resp: 153837

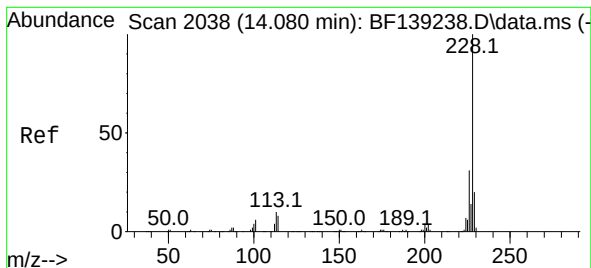
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 11.3 9.2 13.8





#83

Chrysene

Concen: 38.696 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

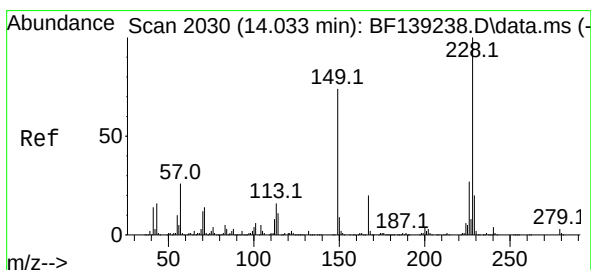
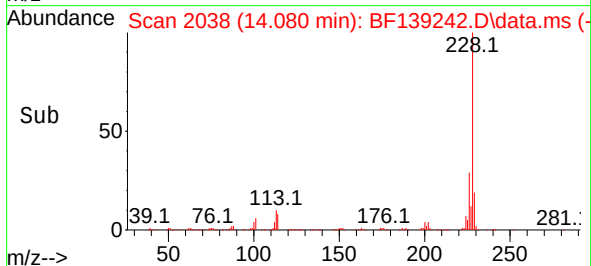
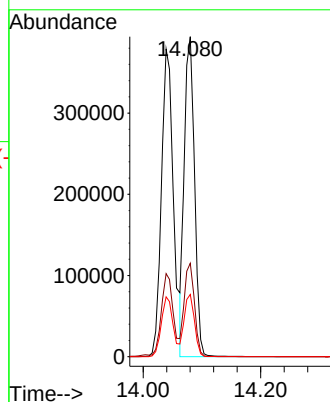
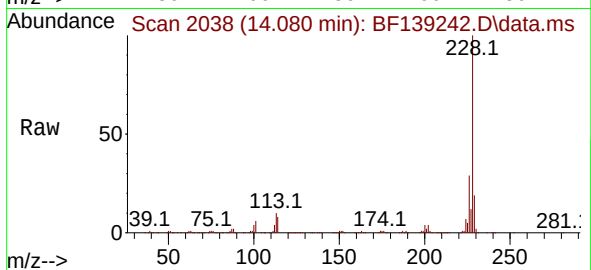
Tgt Ion:228 Resp: 476777

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.931 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

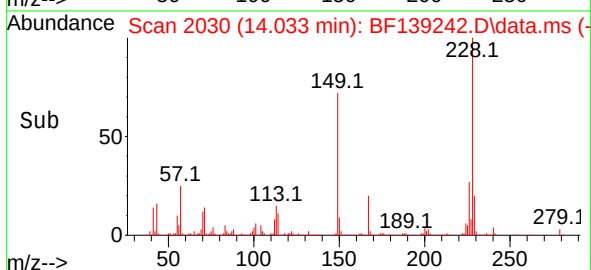
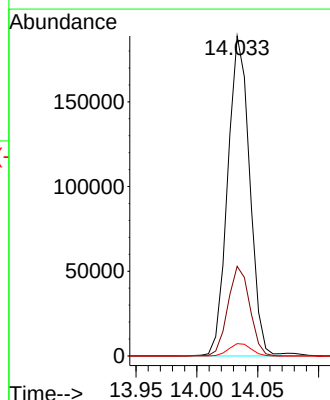
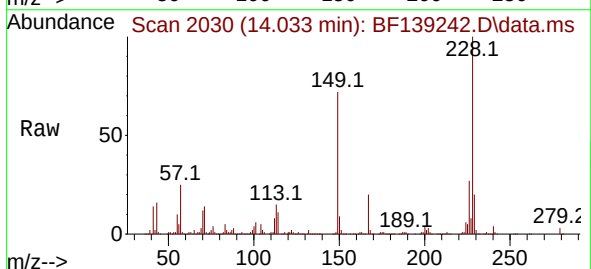
Tgt Ion:149 Resp: 236907

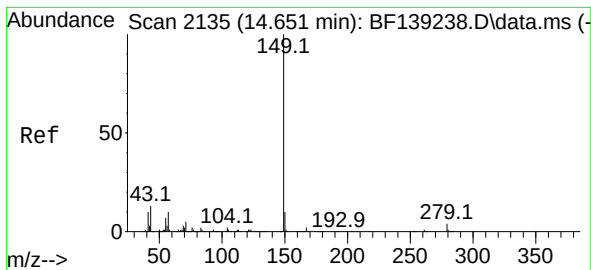
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.053 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

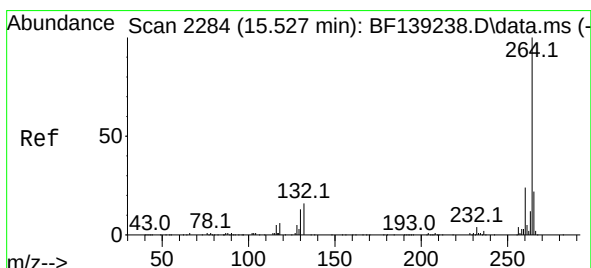
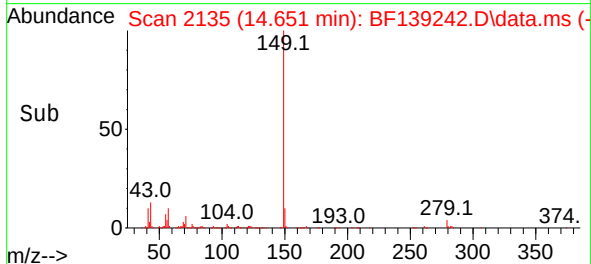
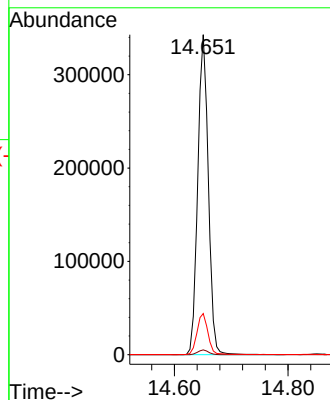
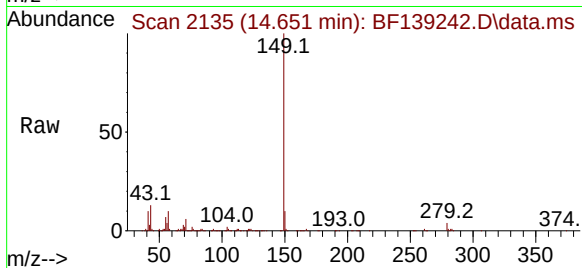
Tgt Ion:149 Resp: 444297

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 13.5 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

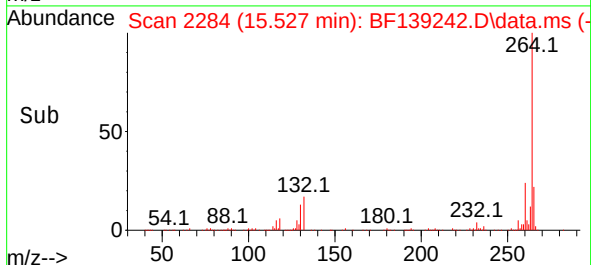
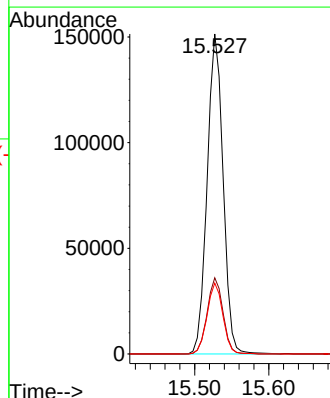
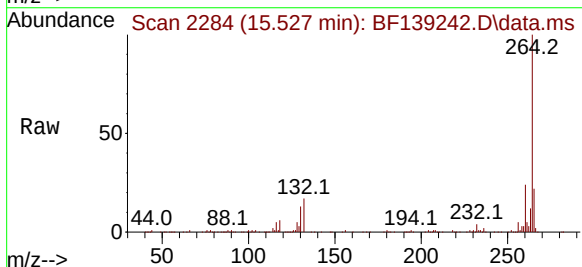
Tgt Ion:264 Resp: 226148

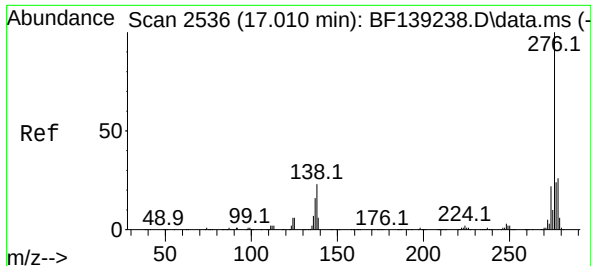
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.281 ng

RT: 17.015 min Scan# 2537

Delta R.T. 0.006 min

Lab File: BF139242.D

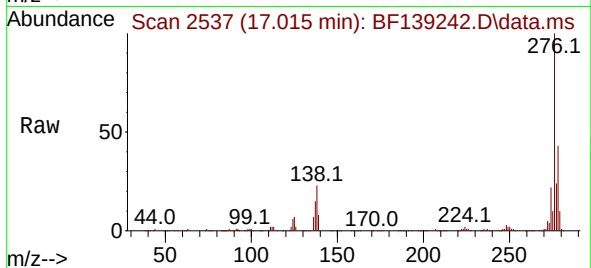
Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424



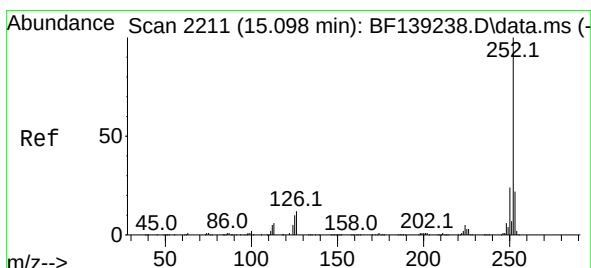
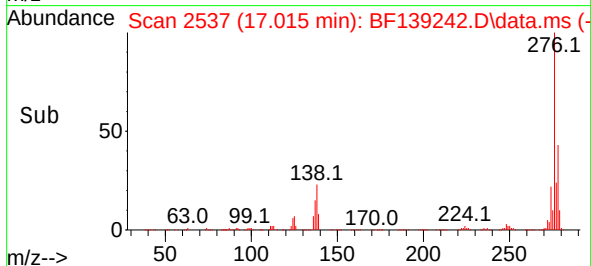
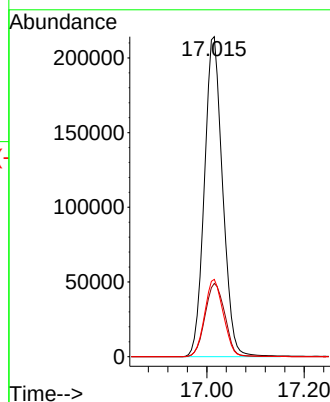
Tgt Ion:276 Resp: 554954

Ion Ratio Lower Upper

276 100

138 24.9 20.4 30.6

277 25.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.426 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

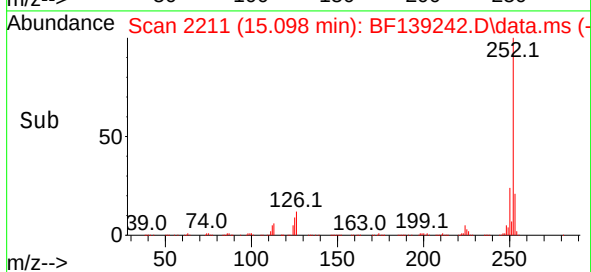
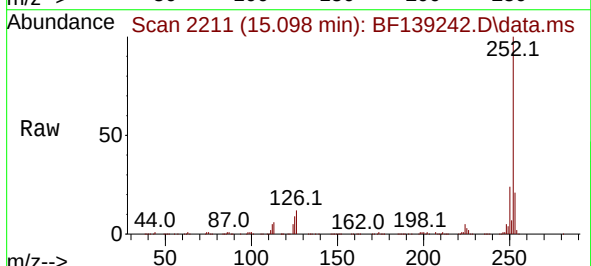
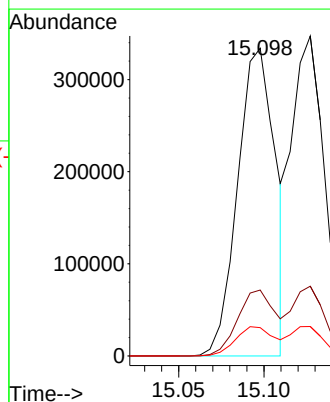
Tgt Ion:252 Resp: 513472

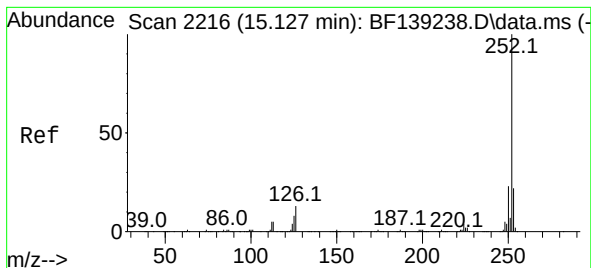
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 9.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 40.306 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

Instrument :

BNA\_F

ClientSampleId :

ICVBF090424

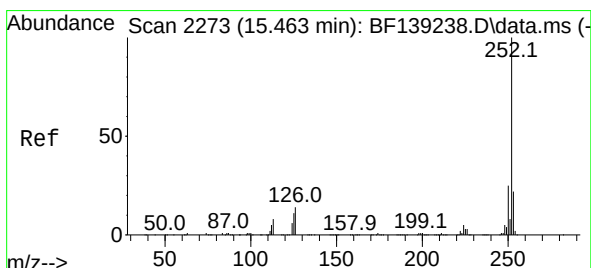
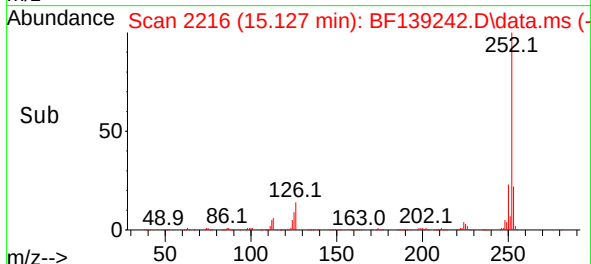
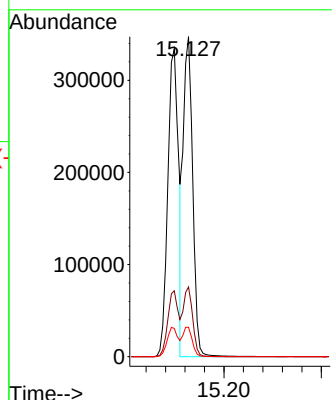
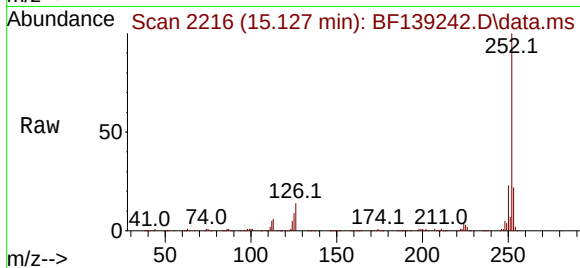
Tgt Ion:252 Resp: 470676

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.856 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF139242.D

Acq: 04 Sep 2024 16:17

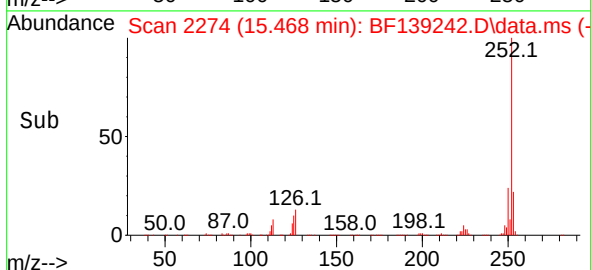
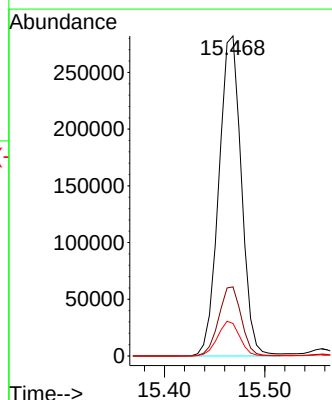
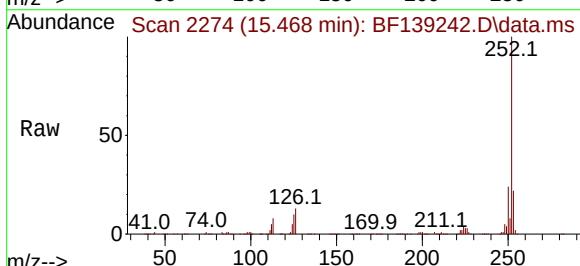
Tgt Ion:252 Resp: 440770

Ion Ratio Lower Upper

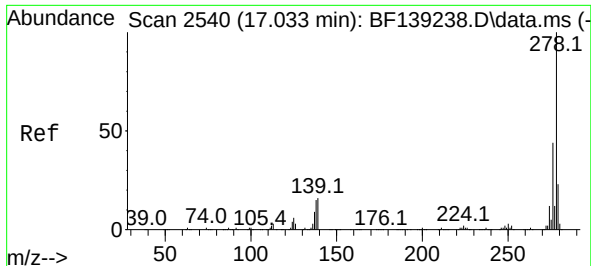
252 100

253 21.6 17.5 26.3

125 10.1 8.6 13.0



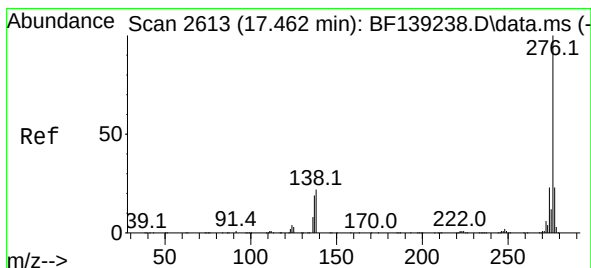
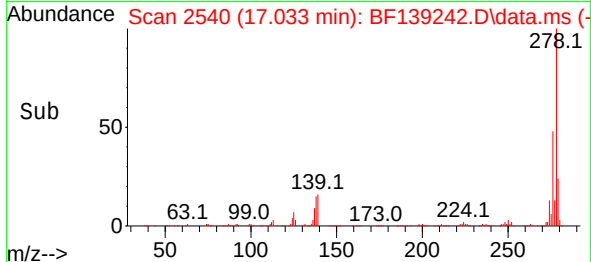
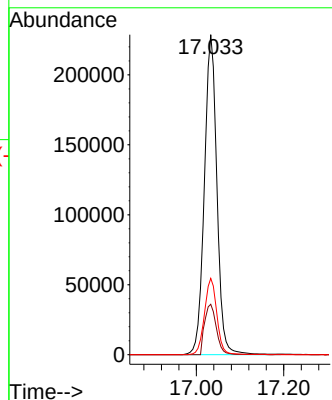
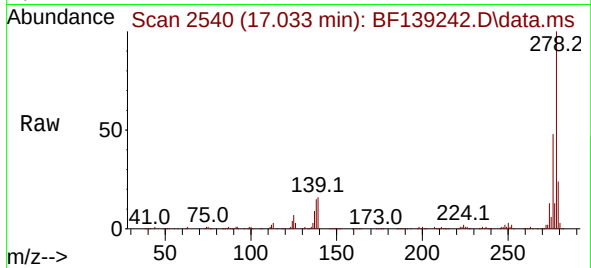




#91  
Dibenzo(a,h)anthracene  
Concen: 39.313 ng  
RT: 17.033 min Scan# 2540  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF090424

Tgt Ion:278 Resp: 457713  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.6 19.0  
279 23.9 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 38.432 ng  
RT: 17.462 min Scan# 2613  
Delta R.T. -0.000 min  
Lab File: BF139242.D  
Acq: 04 Sep 2024 16:17

Tgt Ion:276 Resp: 461872  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.6 27.8  
138 21.2 17.4 26.0

