

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090424\  
 Data File : BF139244.D  
 Acq On : 04 Sep 2024 17:18  
 Operator : RC/JU  
 Sample : IDOC-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

Quant Time: Sep 04 18:26:21 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     | 6.887  | 152  | 141866   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 545071   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 291531   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 536683   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 258768   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 247673   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1060272  | 125.026 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 1400087  | 123.670 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 892259   | 85.159  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 327157   | 129.957 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1552287  | 82.193  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1407592  | 87.827  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 135423   | 34.291  | ng    | 99       |
| 3) Pyridine                   | 3.528  | 79   | 322791   | 33.861  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.487  | 42   | 273517   | 44.184  | ng    | 98       |
| 6) Aniline                    | 6.551  | 93   | 307437   | 29.531  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 408104   | 46.434  | ng    | 96       |
| 10) Phenol                    | 6.534  | 94   | 520276   | 43.569  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 385865   | 45.103  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 415473   | 41.765  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 426553   | 42.839  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 405733   | 43.690  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 373655   | 45.257  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 738796   | 45.364  | ng    | 93       |
| 17) 2-Methylphenol            | 7.139  | 107  | 318487   | 44.362  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 155943   | 43.851  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 293382   | 44.995  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 396471   | 43.818  | ng    | 96       |
| 22) Acetophenone              | 7.298  | 105  | 548087   | 42.208  | ng    | 98       |
| 24) Nitrobenzene              | 7.475  | 77   | 449166   | 40.390  | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 789840   | 44.093  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.786  | 139  | 201899   | 46.224  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 292091   | 46.890  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 456764   | 42.799  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 321469   | 43.101  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 355362   | 41.717  | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1139512  | 41.282  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 233834   | 41.211  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 225803   | 23.625  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 216642   | 40.136  | ng    | 100      |
| 35) Caprolactam               | 8.610  | 113  | 63711    | 27.592  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 348706   | 42.903  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 726268   | 42.054  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 667186   | 39.281  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 342912   | 41.574  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 313124   | 118.126 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 236542   | 43.831  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 245911   | 43.483  | ng    | 97       |

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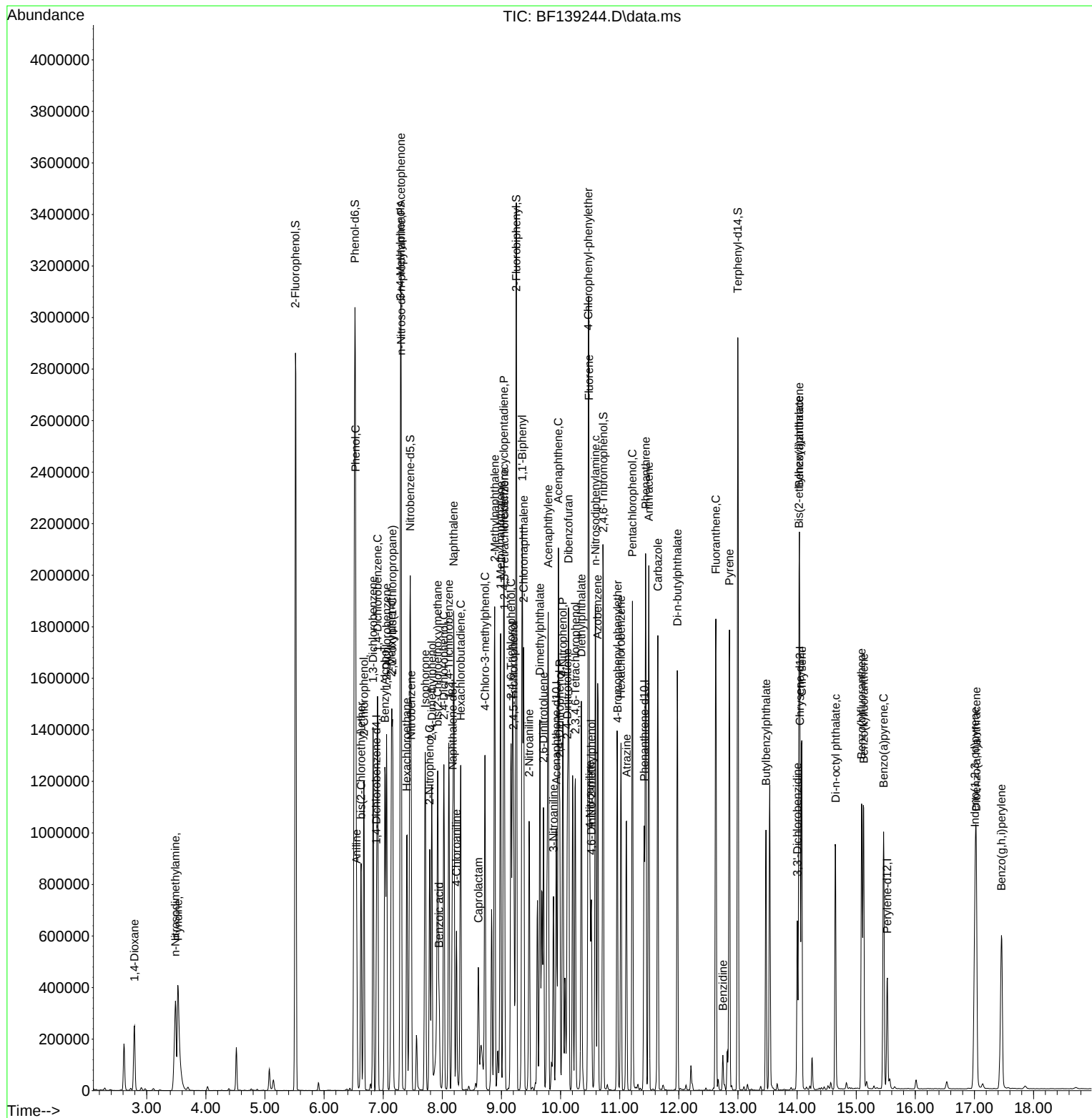
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 900456   | 41.688 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 675775   | 41.434 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.469  | 65   | 257482   | 45.834 | ng    | 98       |
| 49) Acenaphthylene            | 9.792  | 152  | 1112346  | 45.282 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 781564   | 44.232 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 173385   | 43.254 | ng    | 98       |
| 52) Acenaphthene              | 9.963  | 154  | 748374   | 45.933 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 138947   | 32.533 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 180774   | 85.502 | ng    | # 68     |
| 55) Dibenzofuran              | 10.133 | 168  | 1007478  | 43.130 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 292786   | 92.880 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 233701   | 45.805 | ng    | 98       |
| 58) Fluorene                  | 10.480 | 166  | 766935   | 42.347 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 204150   | 45.860 | ng    | 99       |
| 60) Diethylphthalate          | 10.351 | 149  | 770371   | 44.303 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 364360   | 41.718 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 177462   | 43.651 | ng    | 99       |
| 63) Azobenzene                | 10.627 | 77   | 810505   | 44.224 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 118365   | 47.732 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 668491   | 42.791 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 221056   | 42.453 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 247668   | 41.548 | ng    | 99       |
| 69) Atrazine                  | 11.116 | 200  | 166970   | 46.326 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 290800   | 84.453 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1074176  | 42.844 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1074867  | 43.887 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 985847   | 43.068 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 1100479  | 46.953 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1068944  | 42.528 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 74081    | 14.218 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 1055051  | 42.207 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 303266   | 51.536 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 712755   | 43.136 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 185442   | 42.260 | ng    | 98       |
| 83) Chrysene                  | 14.080 | 228  | 695623   | 45.107 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 342008   | 49.517 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 620405   | 46.916 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 733312   | 47.395 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 704629   | 49.401 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 610705   | 47.753 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.462 | 252  | 620984   | 51.272 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 608642   | 47.734 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.456 | 276  | 569017   | 43.233 | ng    | 99       |

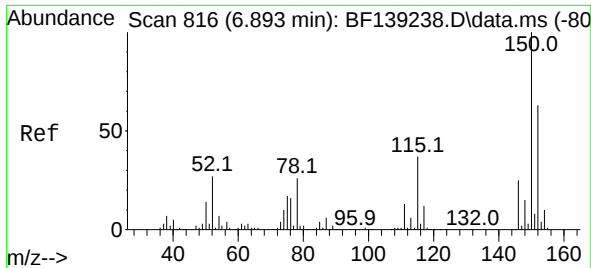
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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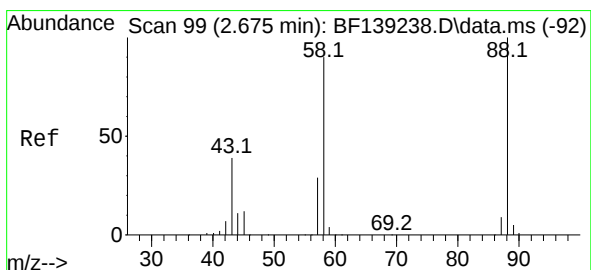
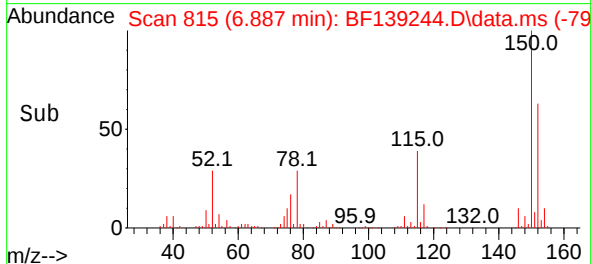
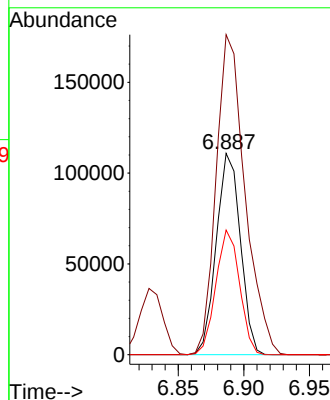
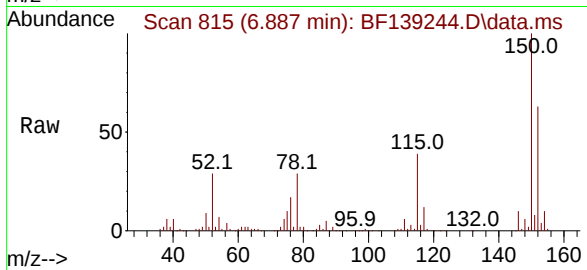




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

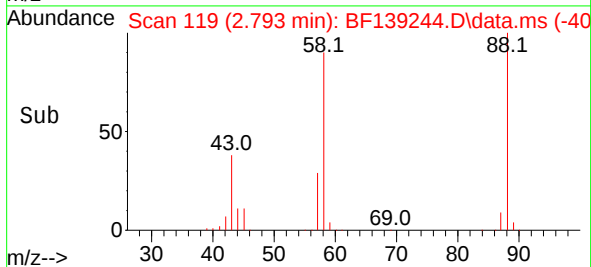
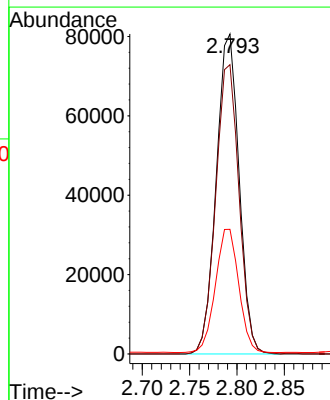
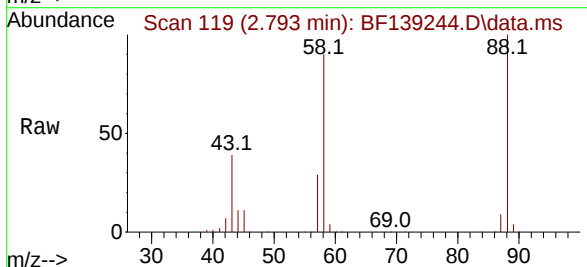
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

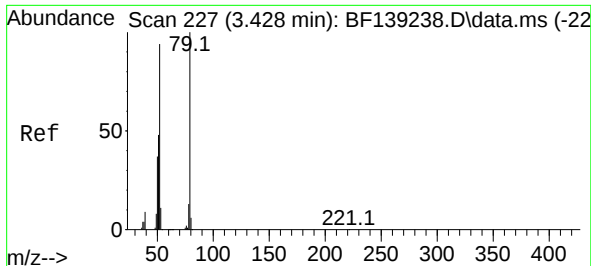
Tgt Ion:152 Resp: 141866  
Ion Ratio Lower Upper  
152 100  
150 159.0 127.0 190.4  
115 61.9 46.9 70.3



#2  
1,4-Dioxane  
Concen: 34.291 ng  
RT: 2.793 min Scan# 119  
Delta R.T. 0.117 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion: 88 Resp: 135423  
Ion Ratio Lower Upper  
88 100  
58 92.3 72.5 108.7  
43 39.4 31.4 47.2





#3

Pyridine

Concen: 33.861 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.100 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

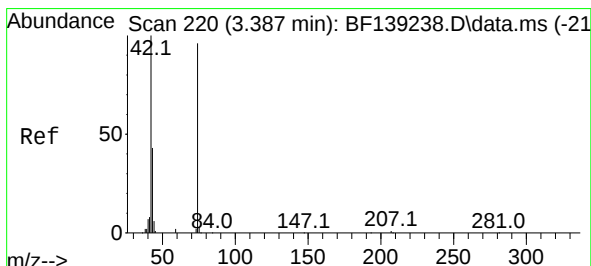
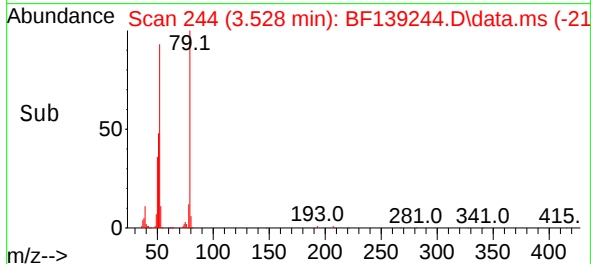
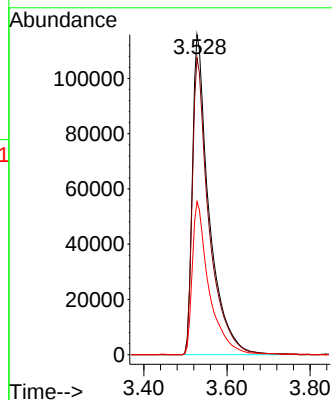
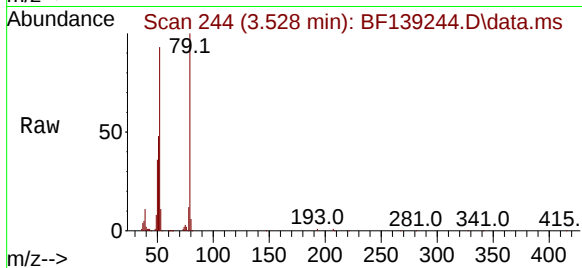
Tgt Ion: 79 Resp: 322791

Ion Ratio Lower Upper

79 100

52 92.8 75.3 112.9

51 47.9 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 44.184 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.100 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

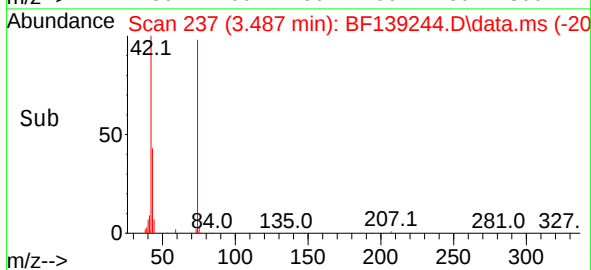
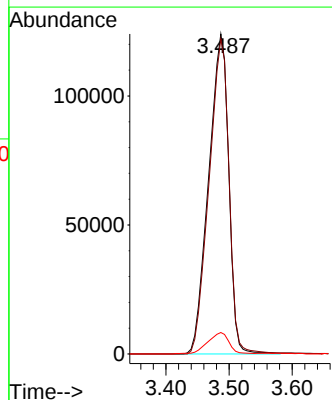
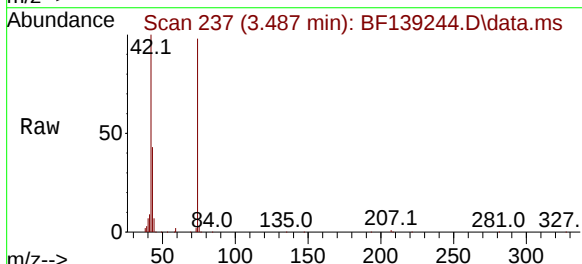
Tgt Ion: 42 Resp: 273517

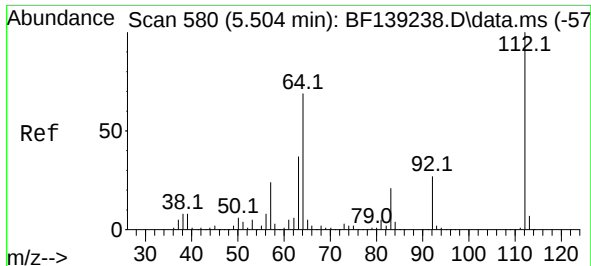
Ion Ratio Lower Upper

42 100

74 98.5 77.2 115.8

44 6.7 5.1 7.7

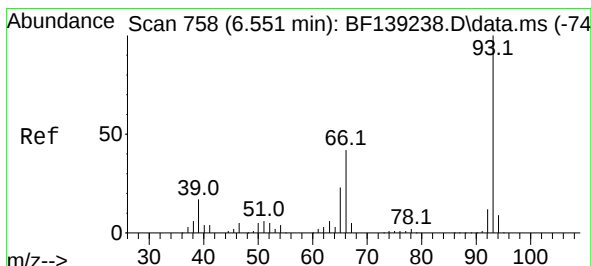
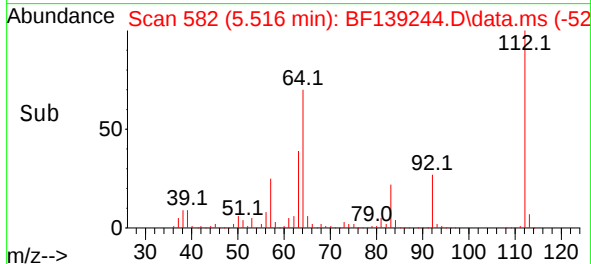
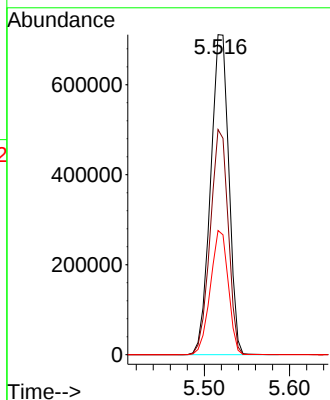
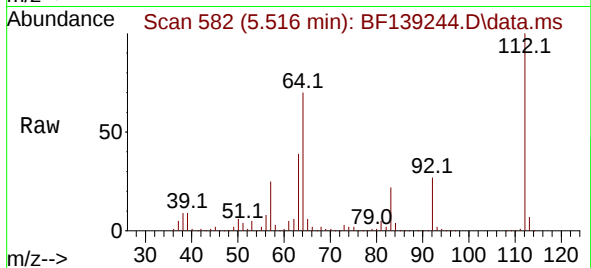




#5  
2-Fluorophenol  
Concen: 125.026 ng  
RT: 5.516 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

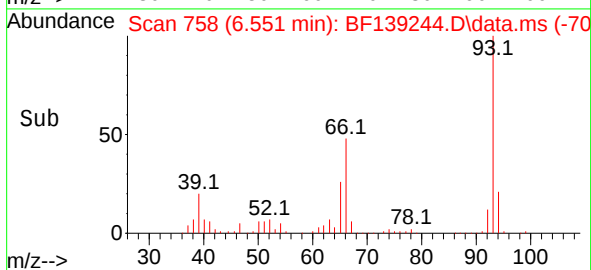
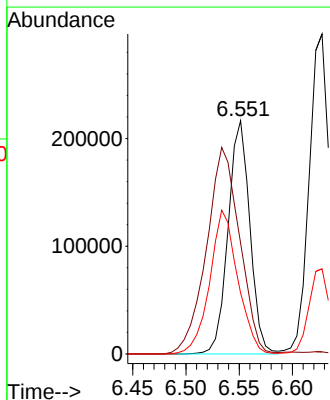
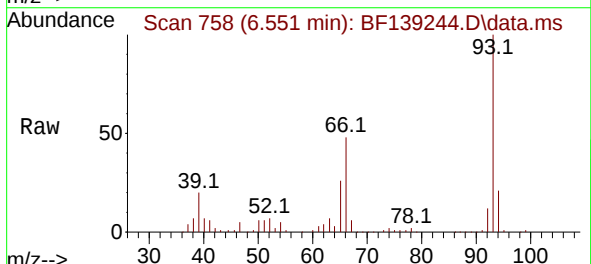
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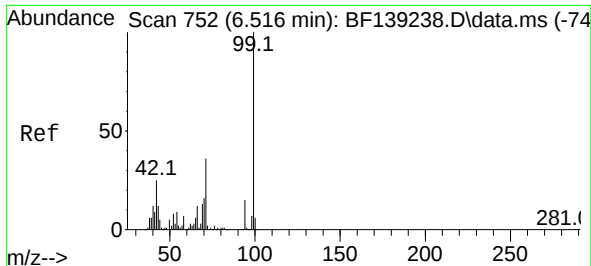
Tgt Ion:112 Resp: 1060272  
Ion Ratio Lower Upper  
112 100  
64 70.3 55.0 82.4  
63 38.8 29.9 44.9



#6  
Aniline  
Concen: 29.531 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion: 93 Resp: 307437  
Ion Ratio Lower Upper  
93 100  
66 47.5 34.4 51.6  
65 26.1 18.2 27.4

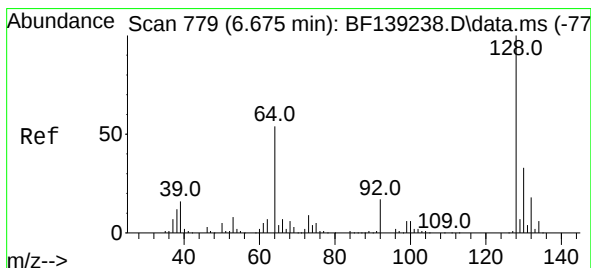
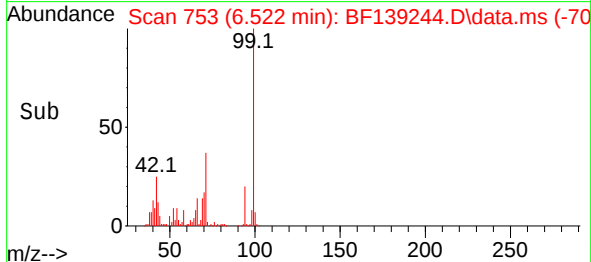
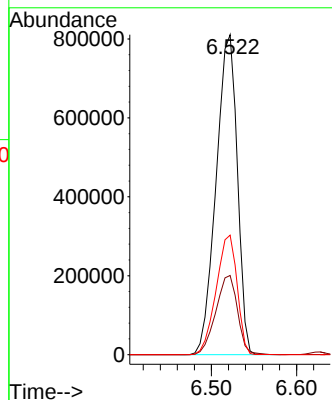
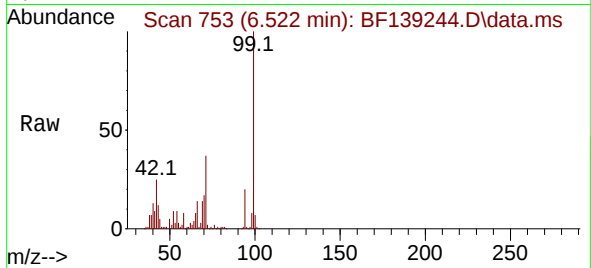




#7  
Phenol-d6  
Concen: 123.670 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.006 min  
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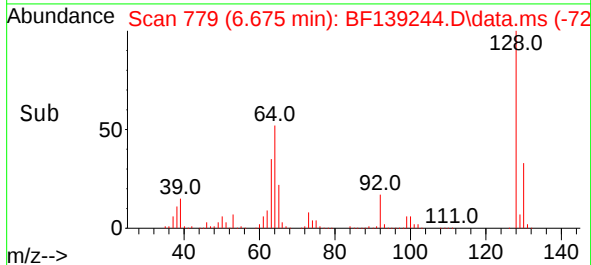
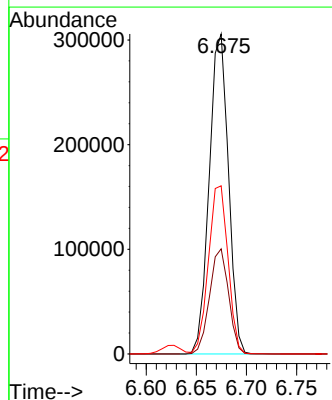
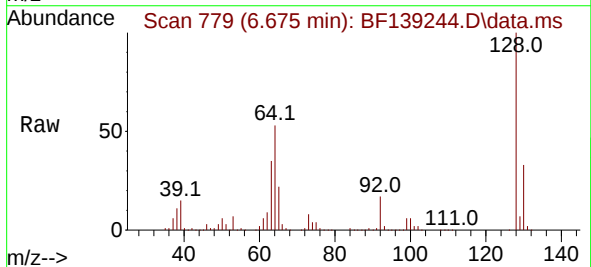
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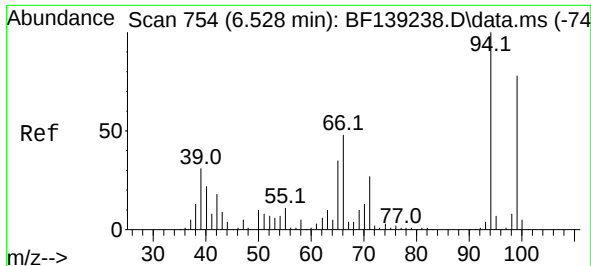
Tgt Ion: 99 Resp: 1400087  
Ion Ratio Lower Upper  
99 100  
42 24.8 19.8 29.6  
71 37.3 28.8 43.2



#8  
2-Chlorophenol  
Concen: 46.434 ng  
RT: 6.675 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion: 128 Resp: 408104  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.7 52.7  
64 52.5 36.6 76.6





#10

Phenol

Concen: 43.569 ng

RT: 6.534 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

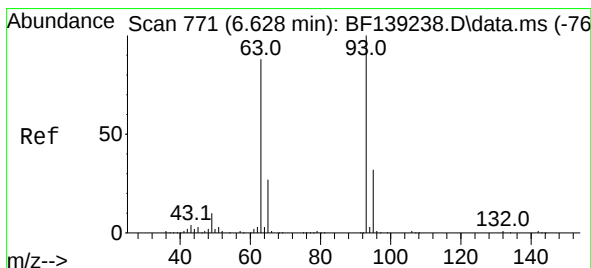
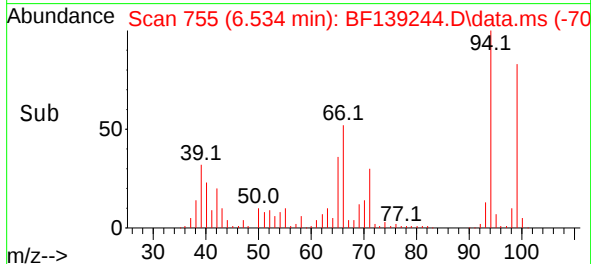
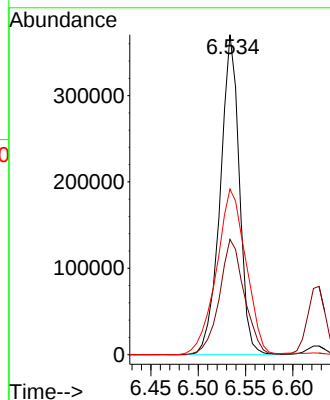
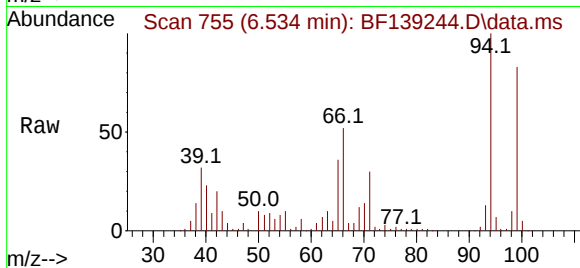
Tgt Ion: 94 Resp: 520276

Ion Ratio Lower Upper

94 100

65 36.0 14.7 54.7

66 51.8 28.5 68.5



#11

bis(2-Chloroethyl)ether

Concen: 45.103 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

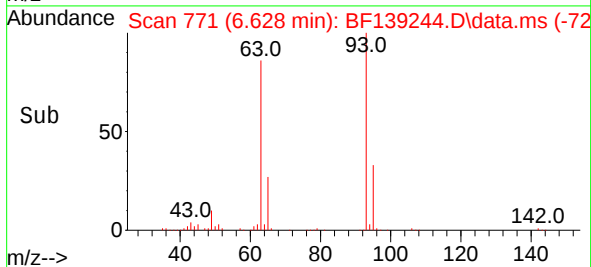
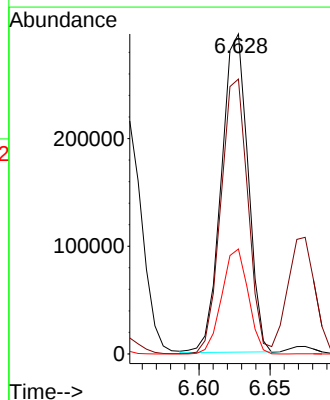
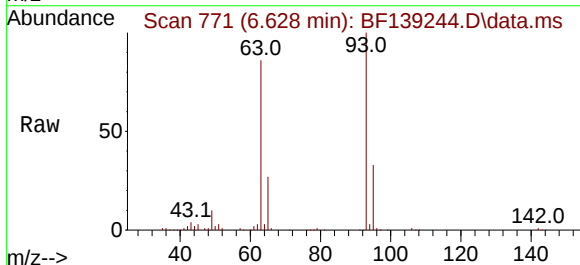
Tgt Ion: 93 Resp: 385865

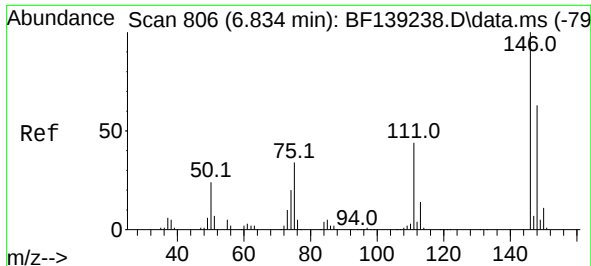
Ion Ratio Lower Upper

93 100

63 85.9 67.1 107.1

95 32.8 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 41.765 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

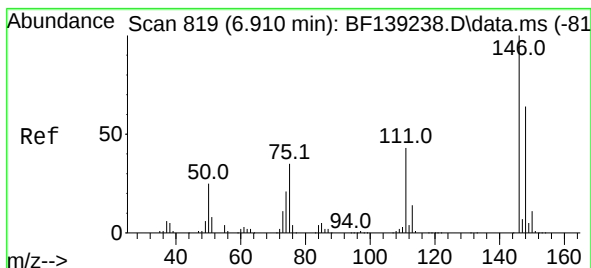
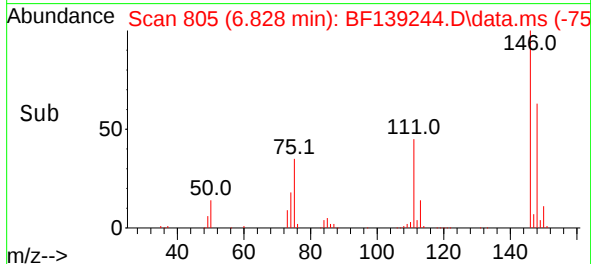
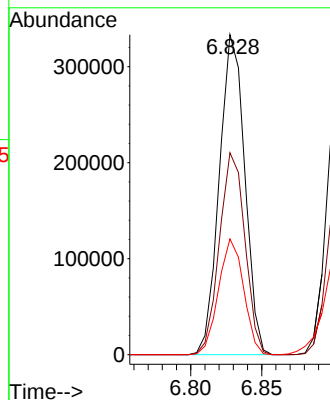
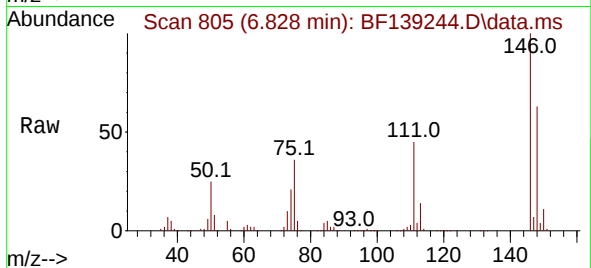
Tgt Ion:146 Resp: 415473

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

75 36.2 27.3 40.9



#13

1,4-Dichlorobenzene

Concen: 42.839 ng

RT: 6.904 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

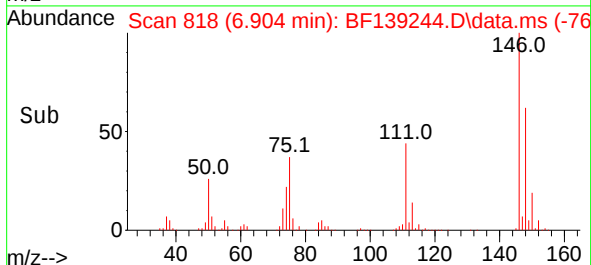
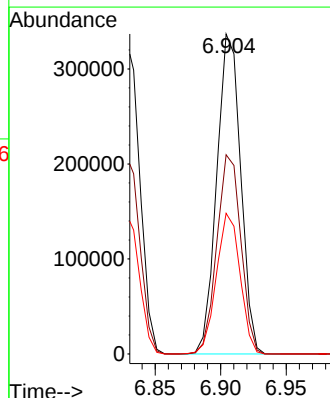
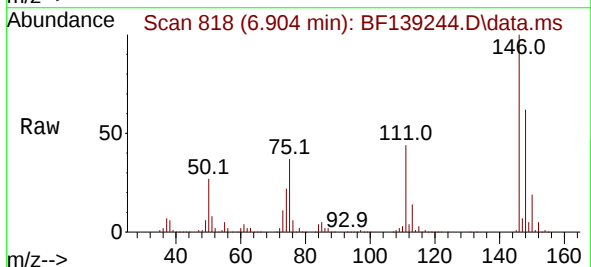
Tgt Ion:146 Resp: 426553

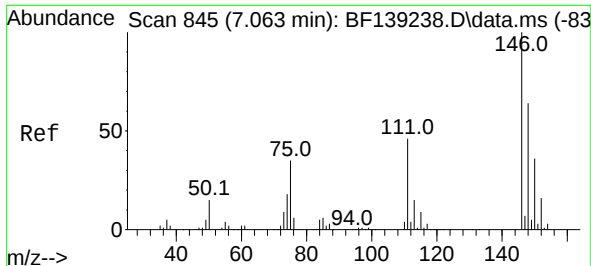
Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

111 44.0 34.6 51.8





#14

1,2-Dichlorobenzene

Concen: 43.690 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

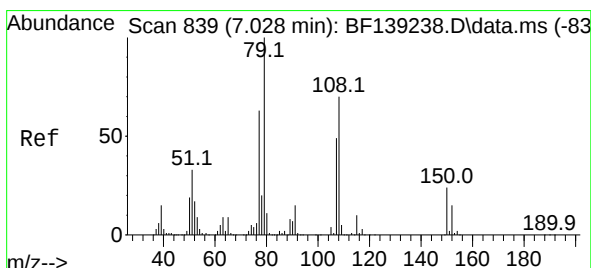
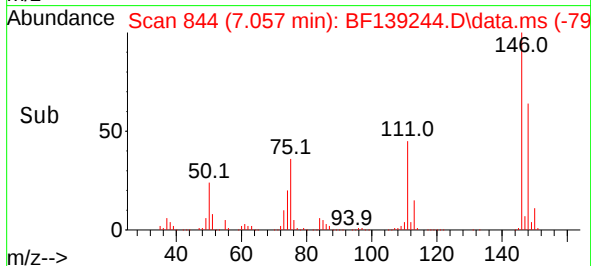
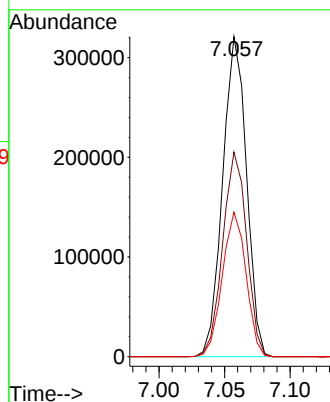
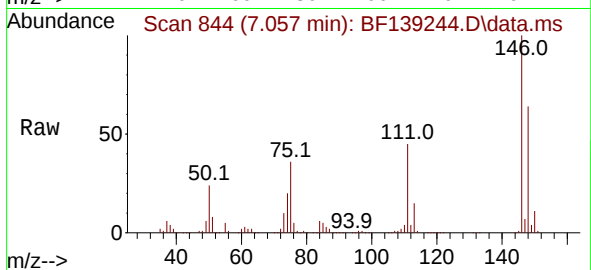
Tgt Ion:146 Resp: 405733

Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

111 45.1 36.6 55.0



#15

Benzyl Alcohol

Concen: 45.257 ng

RT: 7.028 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

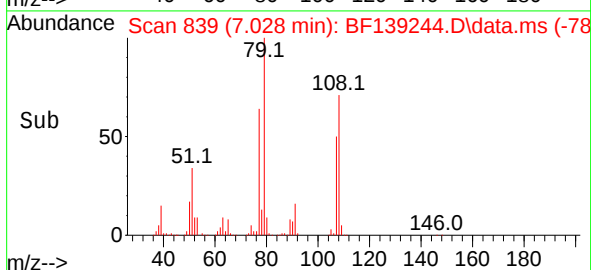
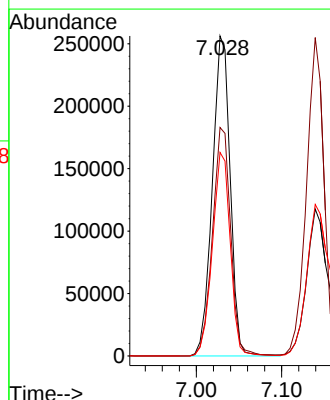
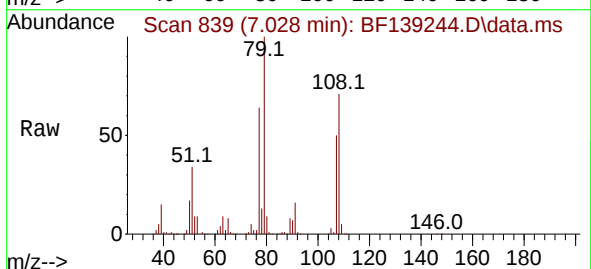
Tgt Ion: 79 Resp: 373655

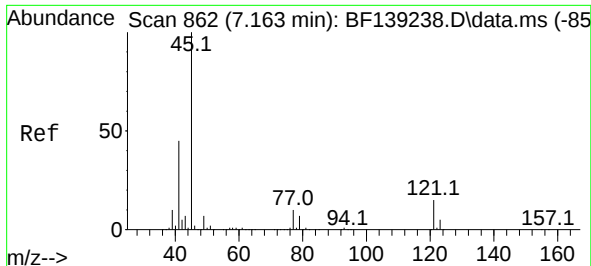
Ion Ratio Lower Upper

79 100

108 71.4 56.1 84.1

77 63.6 50.6 76.0





#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.364 ng

RT: 7.157 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

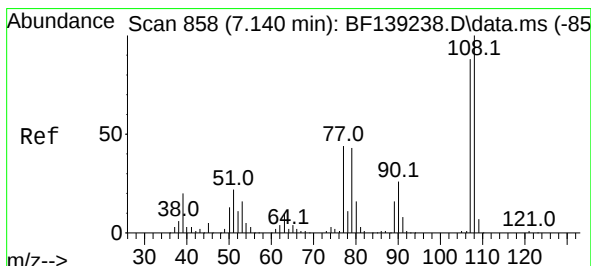
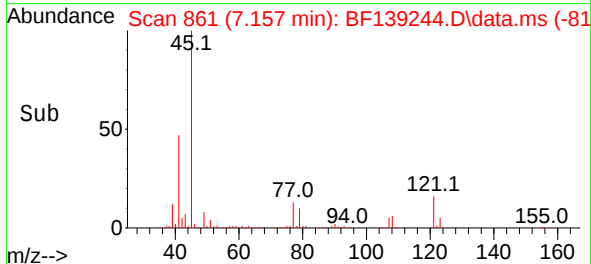
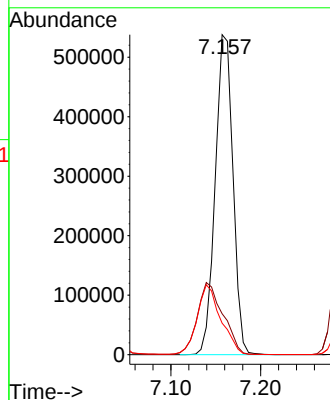
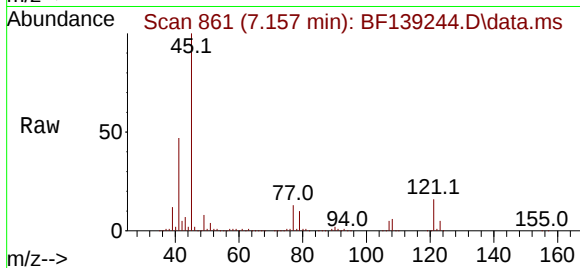
Tgt Ion: 45 Resp: 738796

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.0

79 9.9 0.0 27.6



#17

2-Methylphenol

Concen: 44.362 ng

RT: 7.139 min Scan# 858

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Tgt Ion:107 Resp: 318487

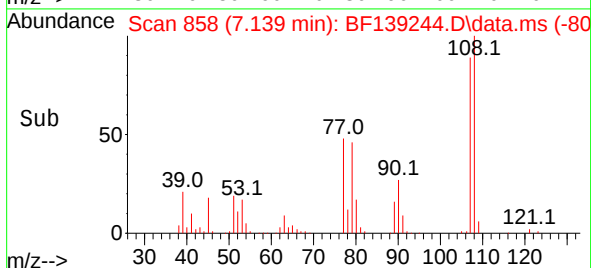
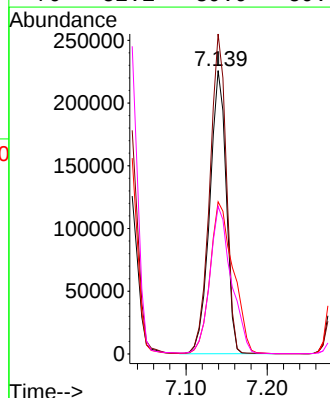
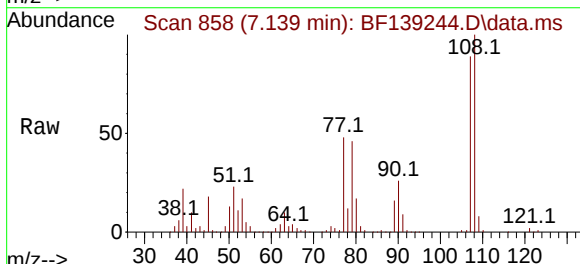
Ion Ratio Lower Upper

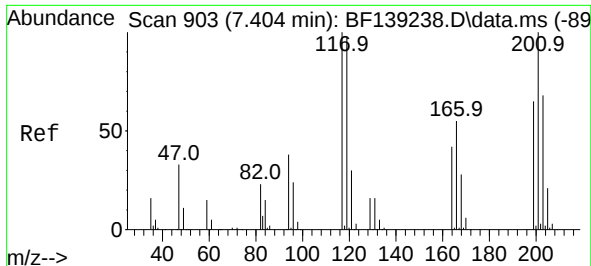
107 100

108 112.9 91.4 137.2

77 53.7 40.1 60.1

79 52.1 39.9 59.9





#18

Hexachloroethane

Concen: 43.851 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

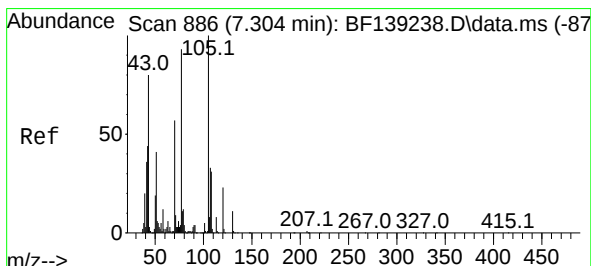
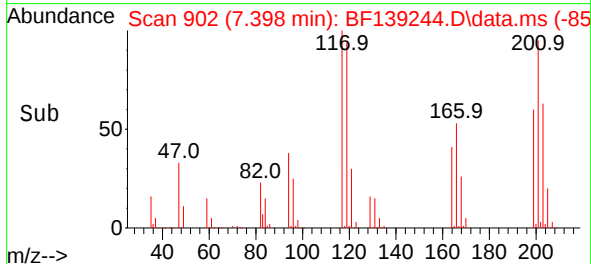
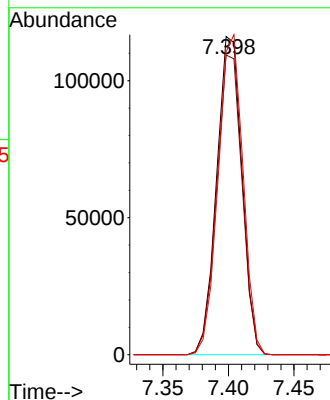
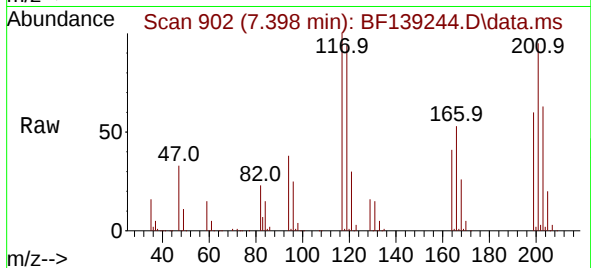
Tgt Ion:117 Resp: 155943

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.2

201 95.2 80.0 120.0



#19

n-Nitroso-di-n-propylamine

Concen: 44.995 ng

RT: 7.304 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Tgt Ion: 70 Resp: 293382

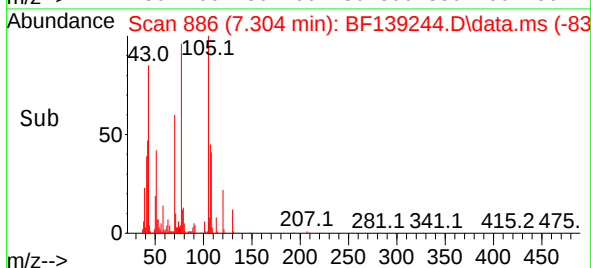
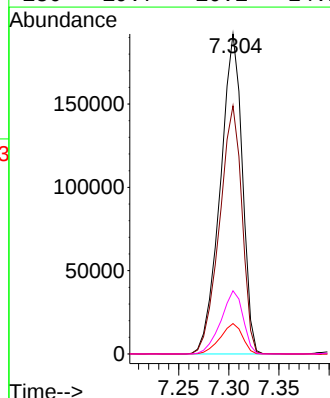
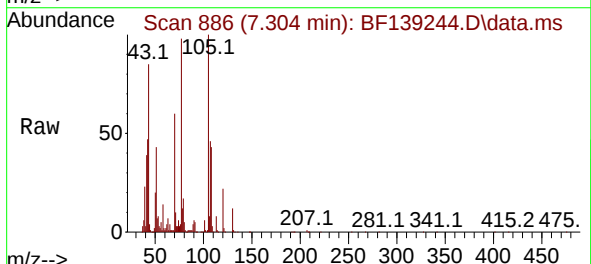
Ion Ratio Lower Upper

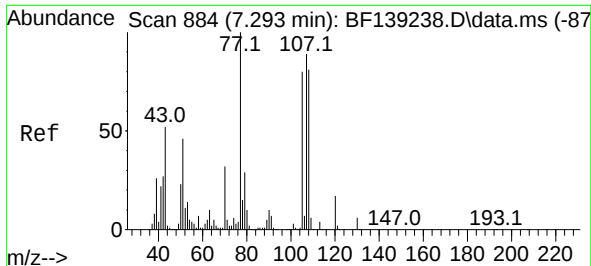
70 100

42 77.6 61.0 91.6

101 9.5 7.2 10.8

130 19.7 16.1 24.1





#20

3+4-Methylphenols

Concen: 43.818 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion:107 Resp: 396471

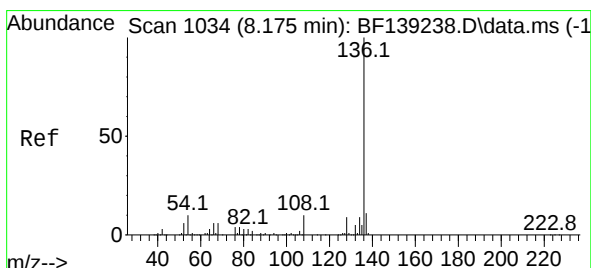
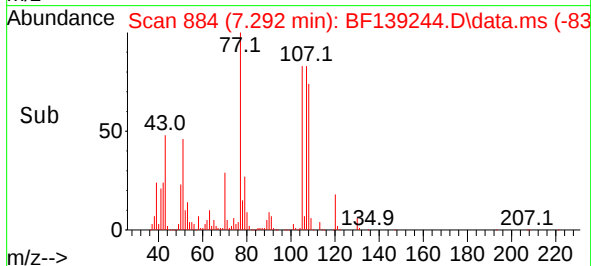
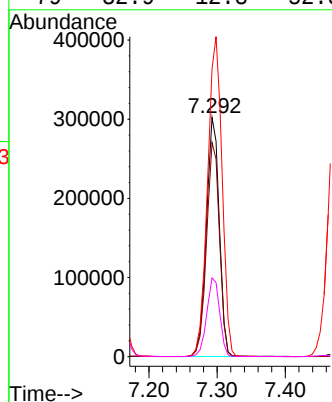
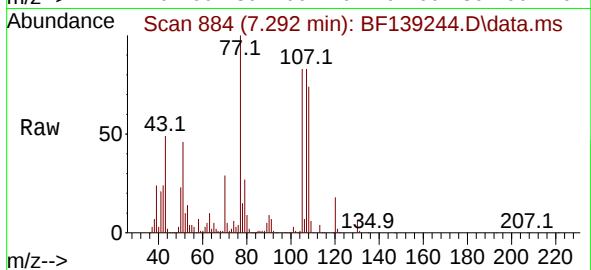
Ion Ratio Lower Upper

107 100

108 89.5 70.4 110.4

77 120.3 92.2 132.2

79 32.9 12.8 52.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Tgt Ion:136 Resp: 545071

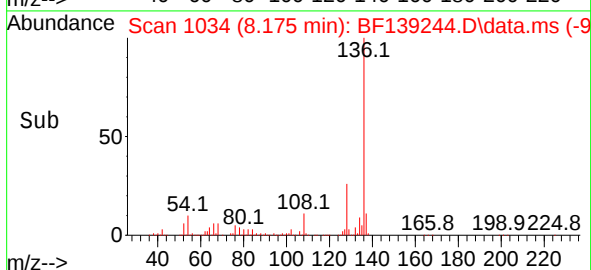
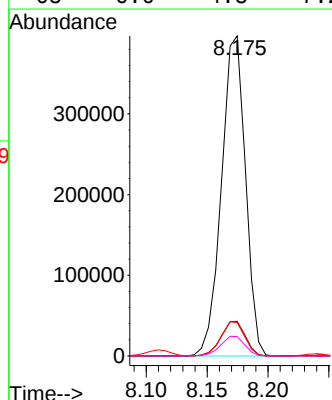
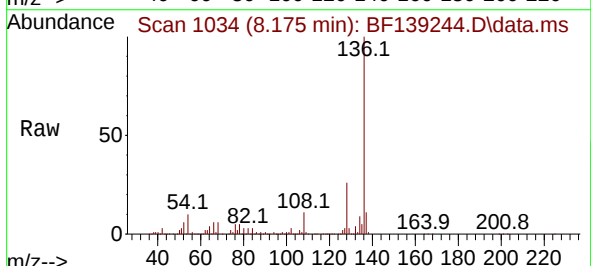
Ion Ratio Lower Upper

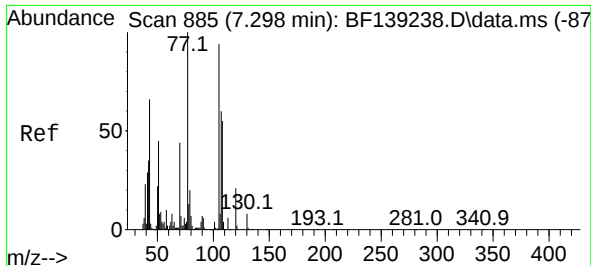
136 100

137 10.8 8.6 13.0

54 10.4 8.4 12.6

68 6.0 4.8 7.2

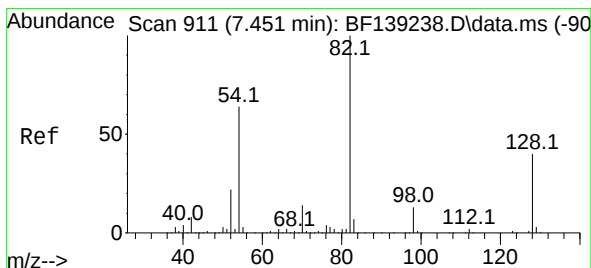
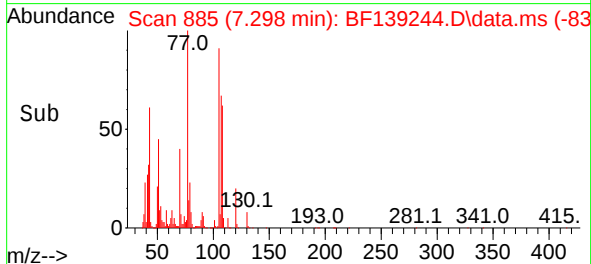
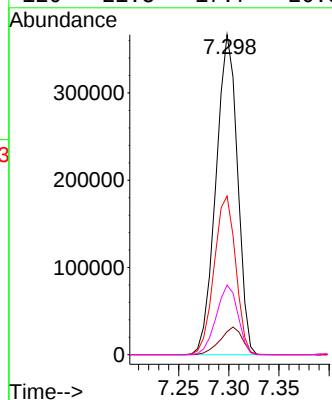
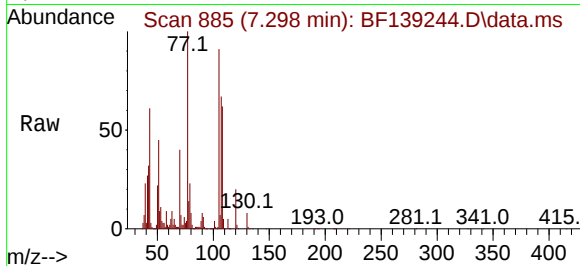




#22  
Acetophenone  
Concen: 42.208 ng  
RT: 7.298 min Scan# 885  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

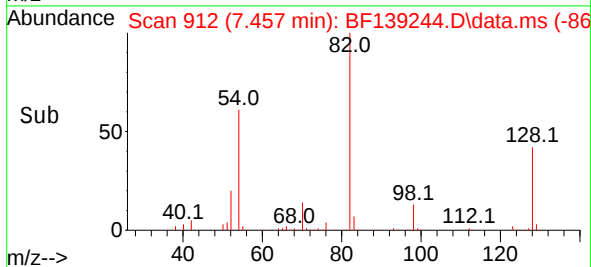
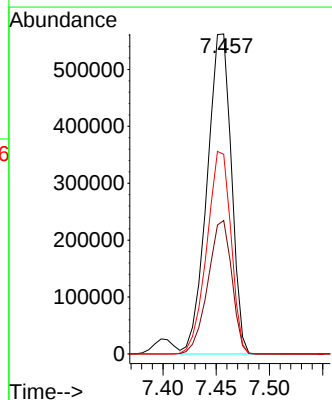
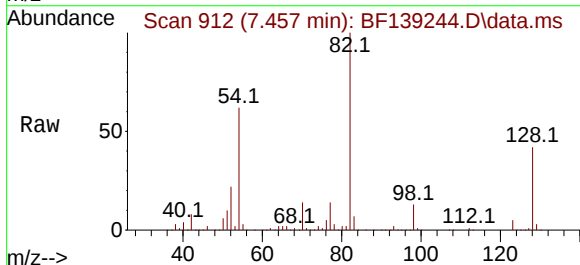
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

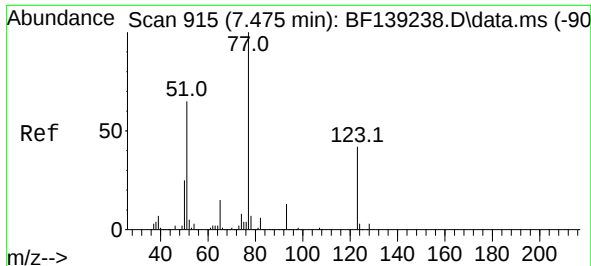
Tgt Ion:105 Resp: 548087  
Ion Ratio Lower Upper  
105 100  
71 7.2 6.2 9.2  
51 49.6 38.2 57.2  
120 21.8 17.7 26.5



#23  
Nitrobenzene-d5  
Concen: 85.159 ng  
RT: 7.457 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion: 82 Resp: 892259  
Ion Ratio Lower Upper  
82 100  
128 41.7 32.3 48.5  
54 62.4 51.2 76.8

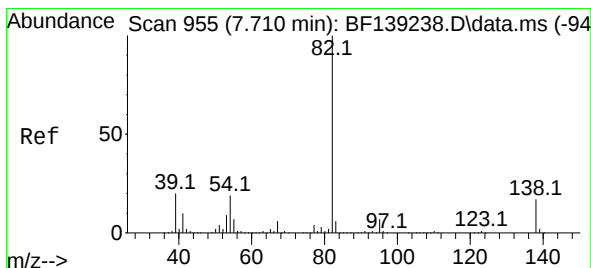
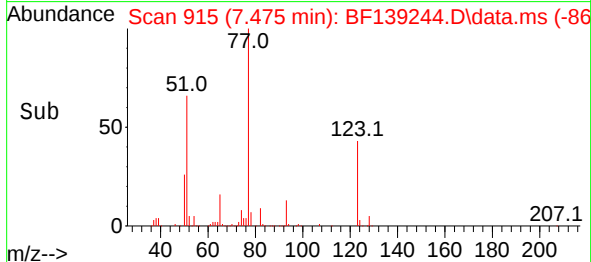
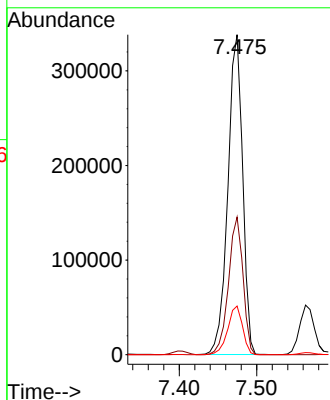
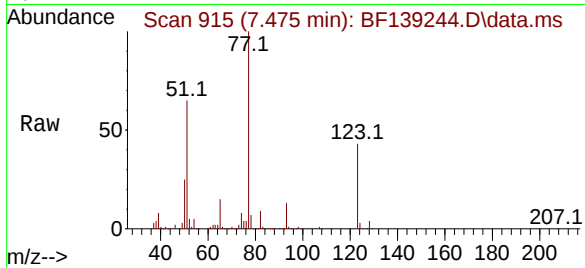




#24  
Nitrobenzene  
Concen: 40.390 ng  
RT: 7.475 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

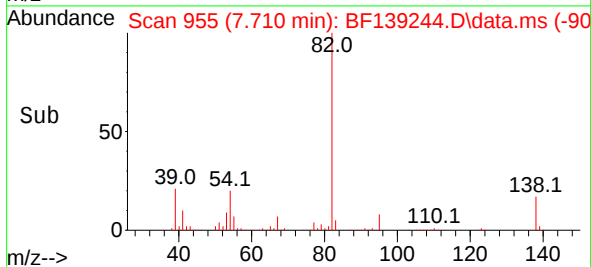
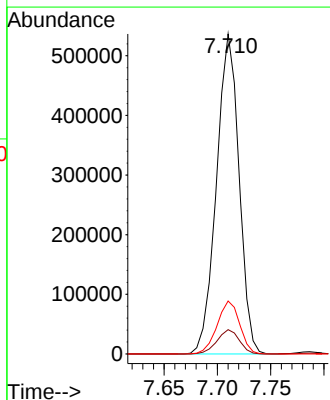
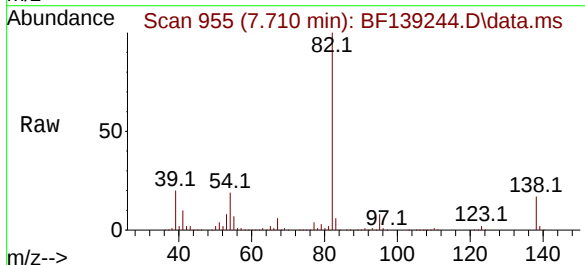
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

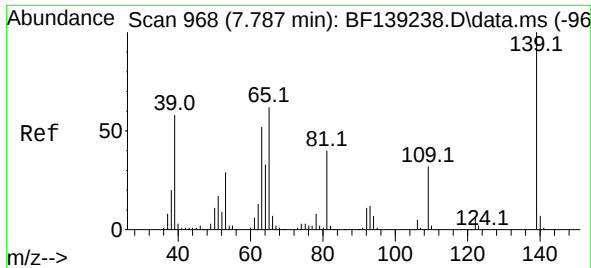
Tgt Ion: 77 Resp: 449166  
Ion Ratio Lower Upper  
77 100  
123 43.0 34.0 51.0  
65 15.2 12.1 18.1



#25  
Isophorone  
Concen: 44.093 ng  
RT: 7.710 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion: 82 Resp: 789840  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.0 9.0  
138 16.6 13.4 20.0

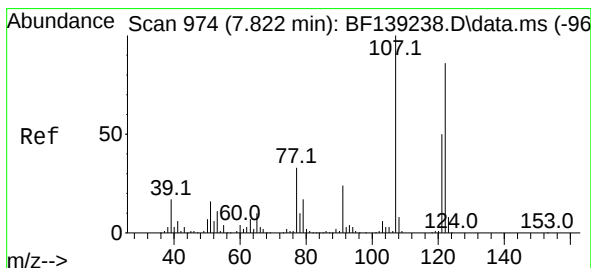
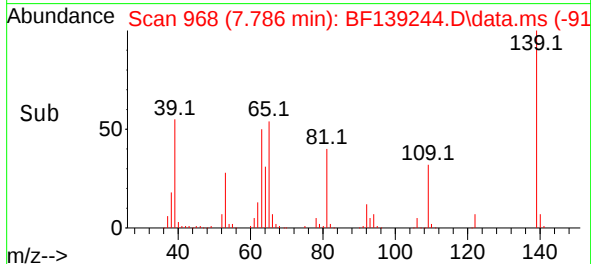
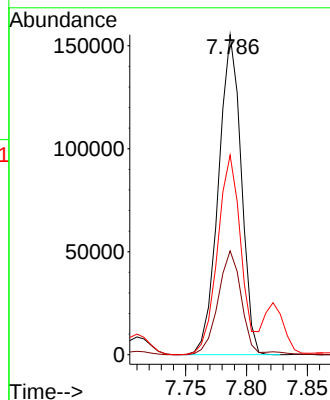
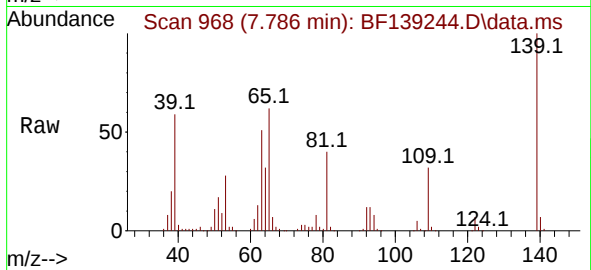




#26  
2-Nitrophenol  
Concen: 46.224 ng  
RT: 7.786 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

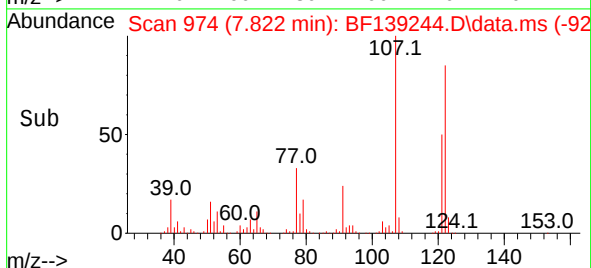
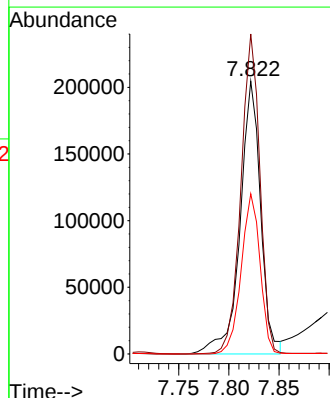
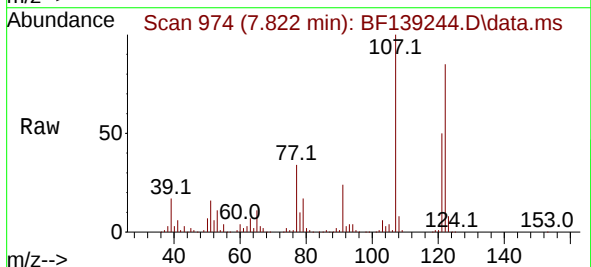
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

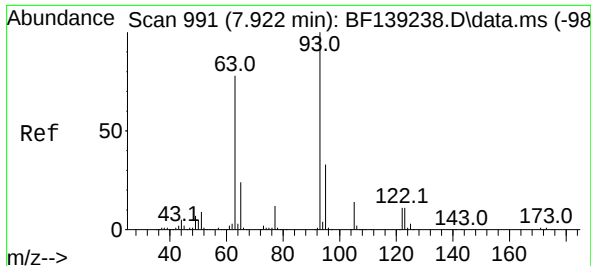
Tgt Ion:139 Resp: 201899  
Ion Ratio Lower Upper  
139 100  
109 32.4 25.4 38.2  
65 62.4 49.4 74.2



#27  
2,4-Dimethylphenol  
Concen: 46.890 ng  
RT: 7.822 min Scan# 974  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:122 Resp: 292091  
Ion Ratio Lower Upper  
122 100  
107 117.3 93.4 140.2  
121 58.7 46.6 70.0





#28

bis(2-Chloroethoxy)methane

Concen: 42.799 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

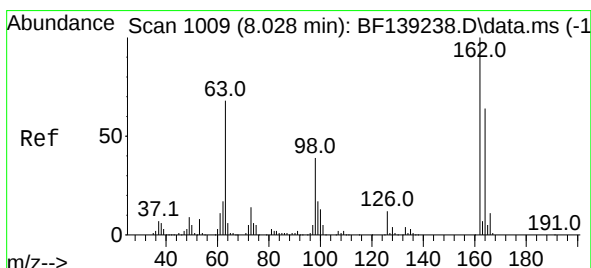
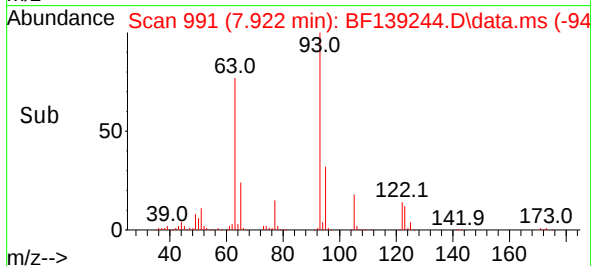
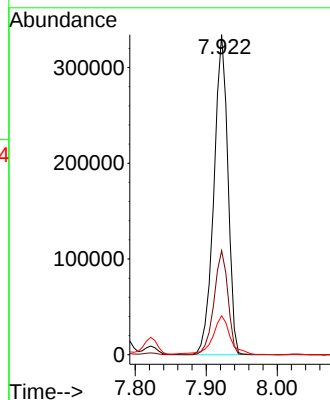
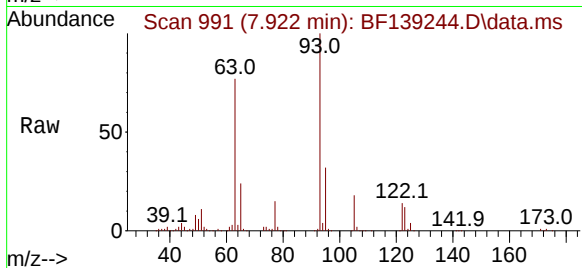
Tgt Ion: 93 Resp: 456764

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 12.1 9.6 14.4



#29

2,4-Dichlorophenol

Concen: 43.101 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

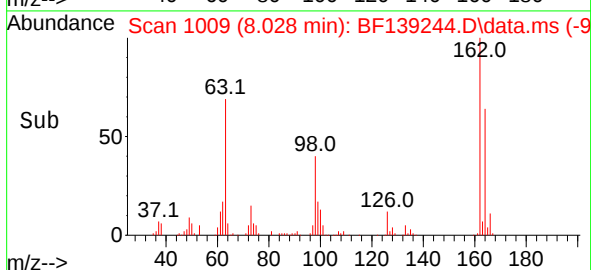
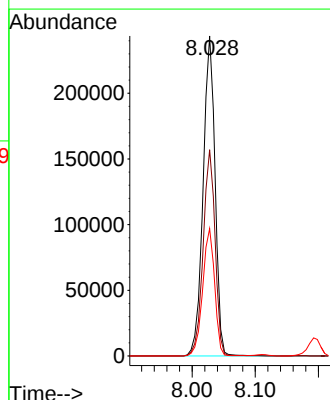
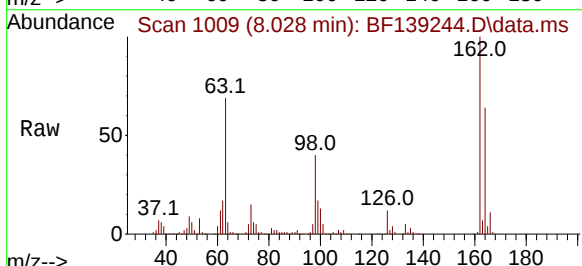
Tgt Ion:162 Resp: 321469

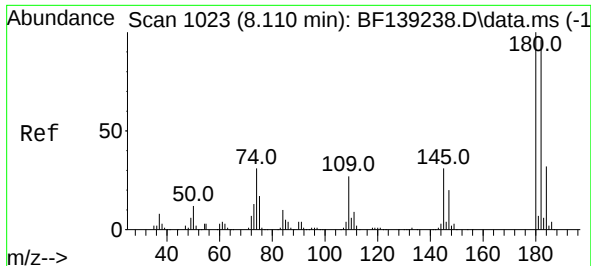
Ion Ratio Lower Upper

162 100

164 64.5 43.6 83.6

98 39.8 19.5 59.5





#30

1,2,4-Trichlorobenzene

Concen: 41.717 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

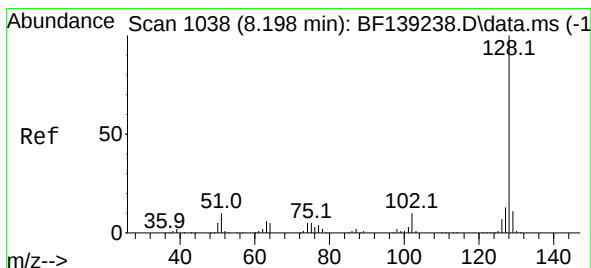
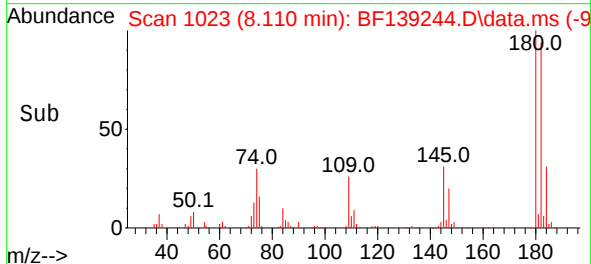
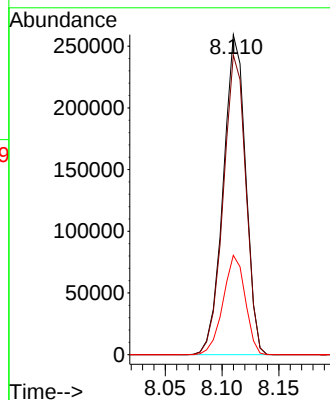
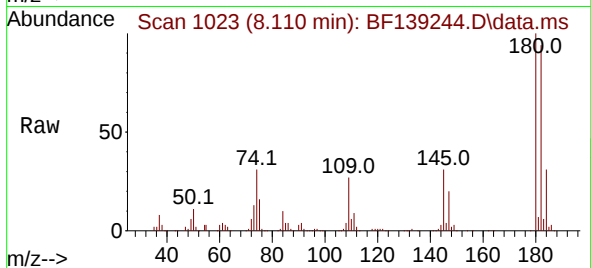
Tgt Ion:180 Resp: 355362

Ion Ratio Lower Upper

180 100

182 93.7 76.5 114.7

145 31.0 25.1 37.7



#31

Naphthalene

Concen: 41.282 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

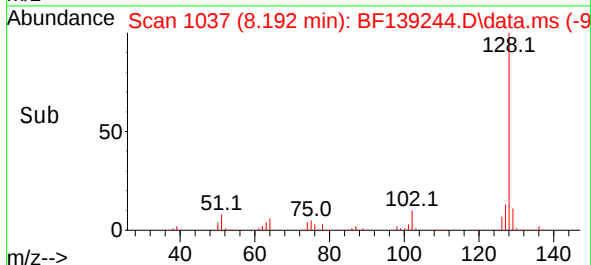
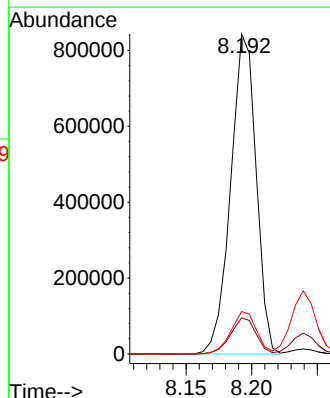
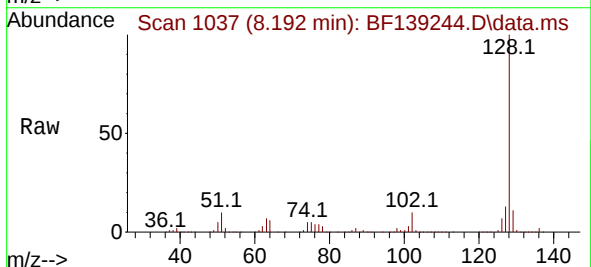
Tgt Ion:128 Resp: 1139512

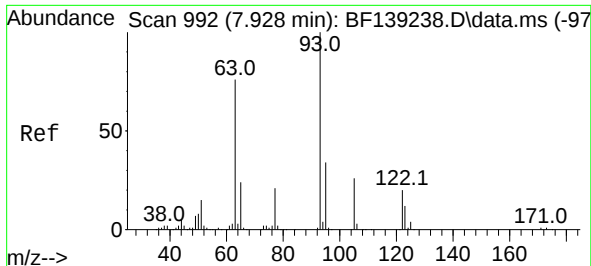
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.2 10.6 15.8

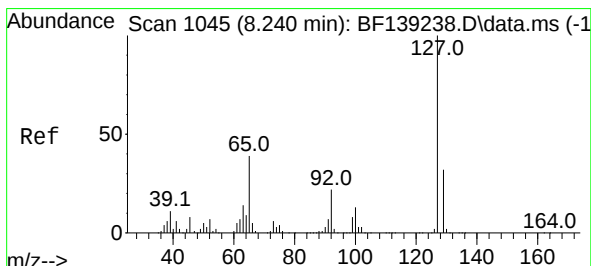
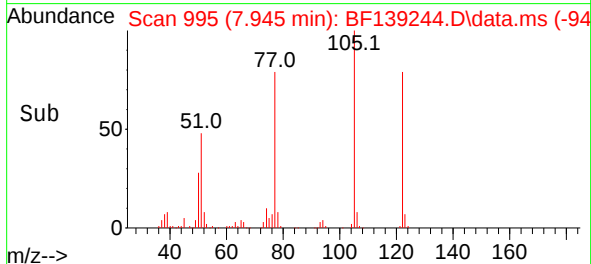
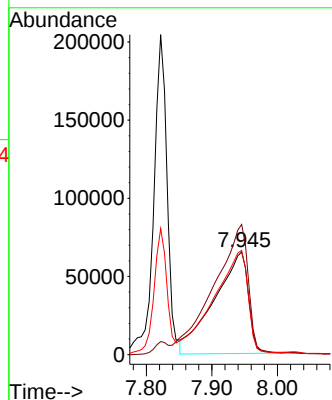
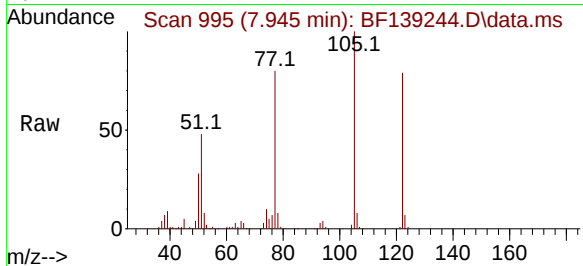




#32  
Benzoic acid  
Concen: 41.211 ng  
RT: 7.945 min Scan# 992  
Delta R.T. 0.017 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

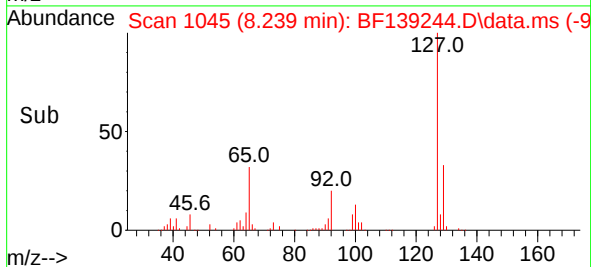
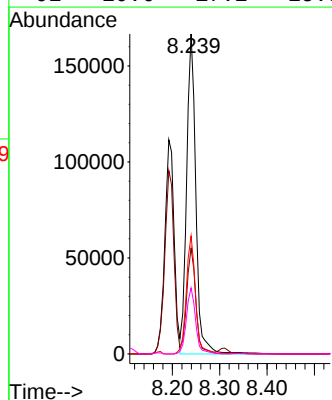
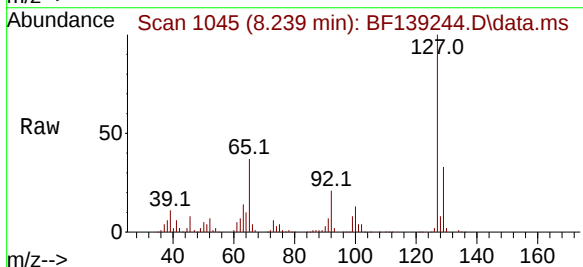
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

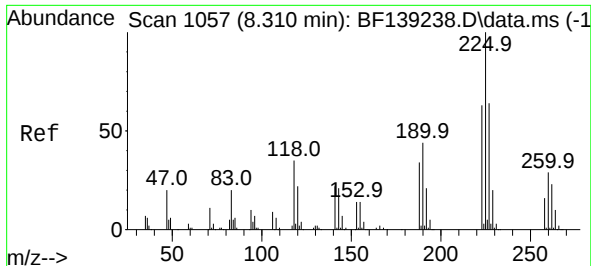
Tgt Ion:122 Resp: 233834  
Ion Ratio Lower Upper  
122 100  
105 126.9 106.3 146.3  
77 101.6 84.1 124.1



#33  
4-Chloroaniline  
Concen: 23.625 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:127 Resp: 225803  
Ion Ratio Lower Upper  
127 100  
129 33.0 25.8 38.6  
65 36.9 30.6 45.8  
92 20.6 17.2 25.8

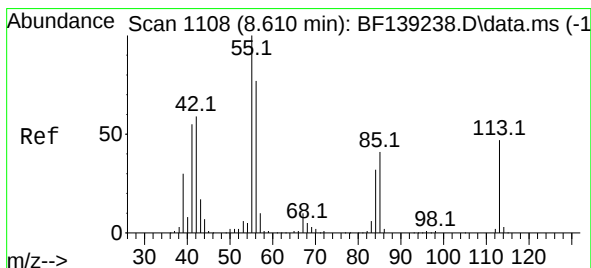
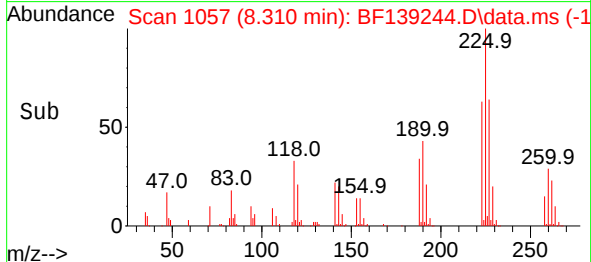
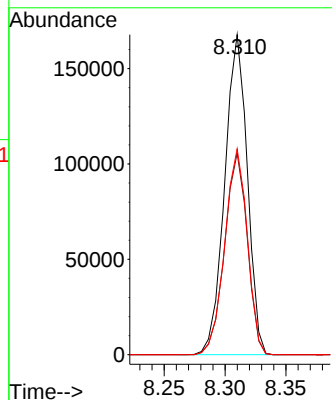
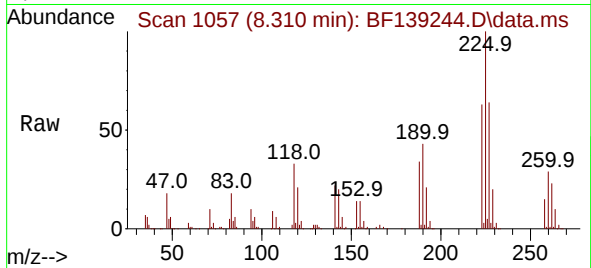




#34  
Hexachlorobutadiene  
Concen: 40.136 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

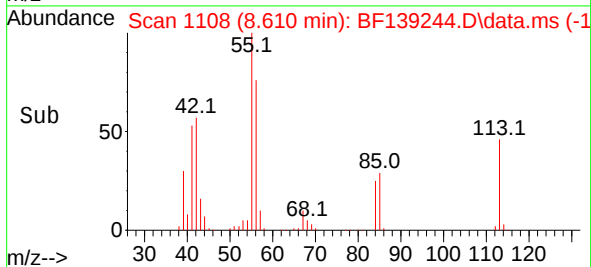
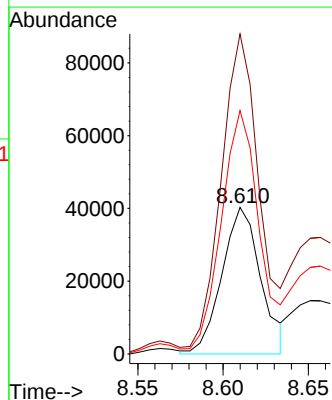
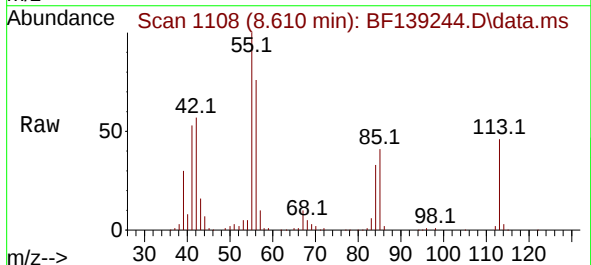
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

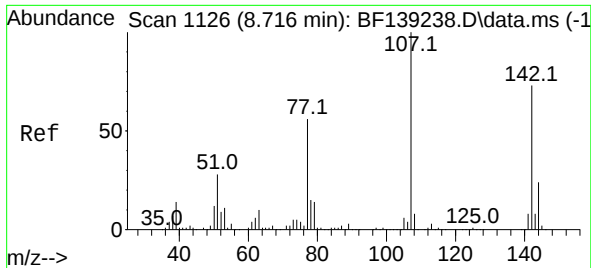
Tgt Ion:225 Resp: 216642  
Ion Ratio Lower Upper  
225 100  
223 63.0 50.7 76.1  
227 64.3 51.5 77.3



#35  
Caprolactam  
Concen: 27.592 ng  
RT: 8.610 min Scan# 1108  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:113 Resp: 63711  
Ion Ratio Lower Upper  
113 100  
55 218.4 193.7 233.7  
56 166.1 145.0 185.0





#36

4-Chloro-3-methylphenol

Concen: 42.903 ng

RT: 8.722 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

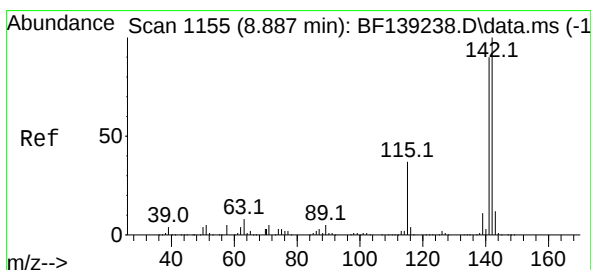
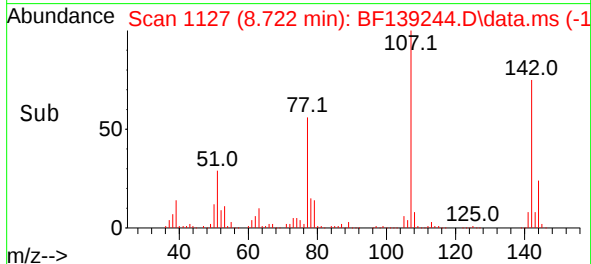
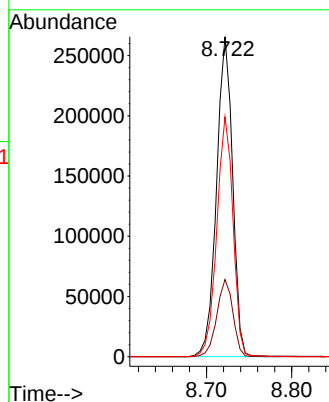
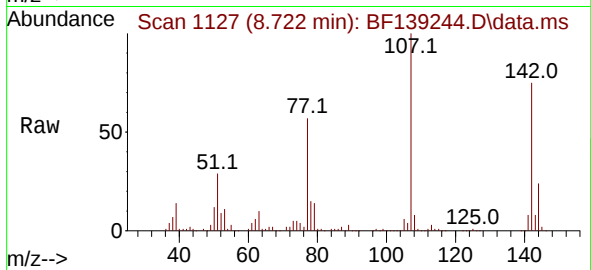
Tgt Ion:107 Resp: 348706

Ion Ratio Lower Upper

107 100

144 24.1 19.1 28.7

142 75.0 58.3 87.5



#37

2-Methylnaphthalene

Concen: 42.054 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139244.D

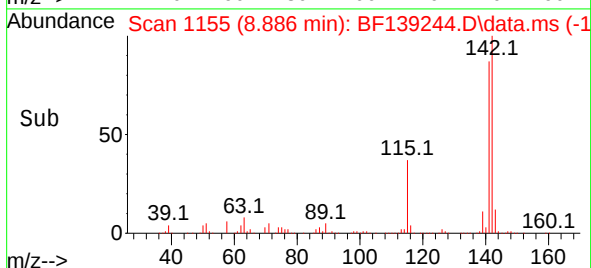
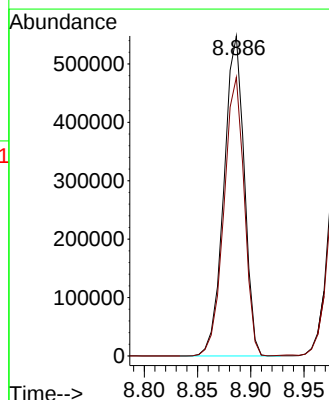
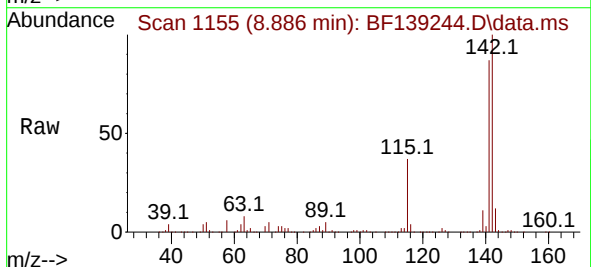
Acq: 04 Sep 2024 17:18

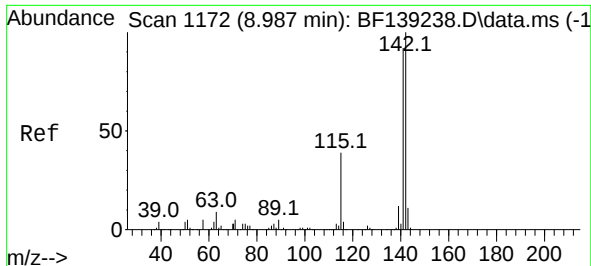
Tgt Ion:142 Resp: 726268

Ion Ratio Lower Upper

142 100

141 87.1 71.6 107.4





#38

1-Methylnaphthalene

Concen: 39.281 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

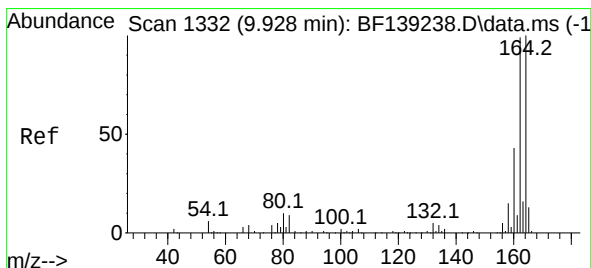
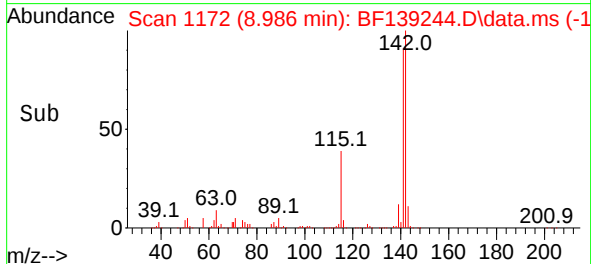
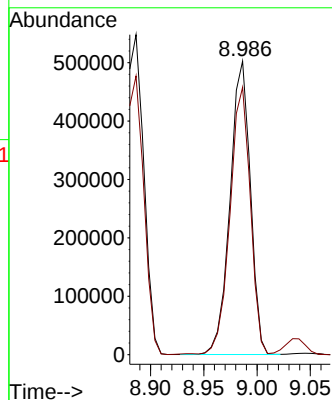
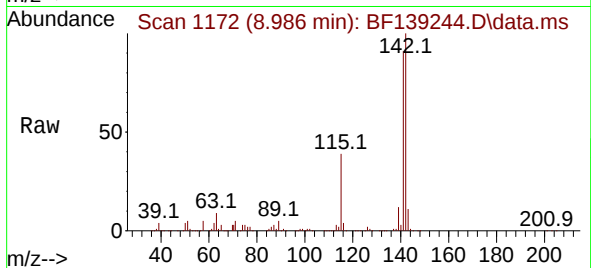
IDOC-01

Tgt Ion:142 Resp: 667186

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

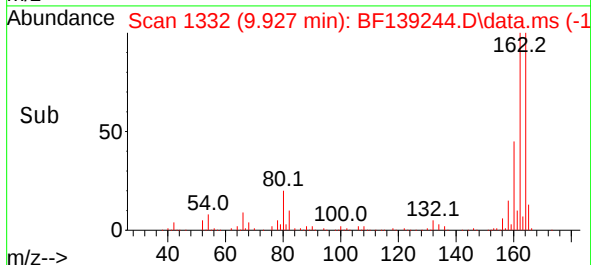
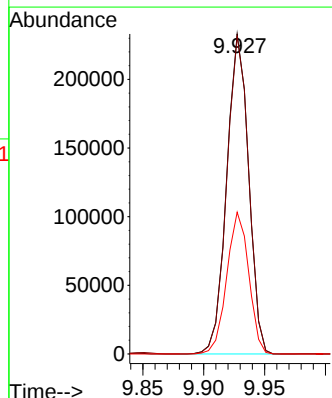
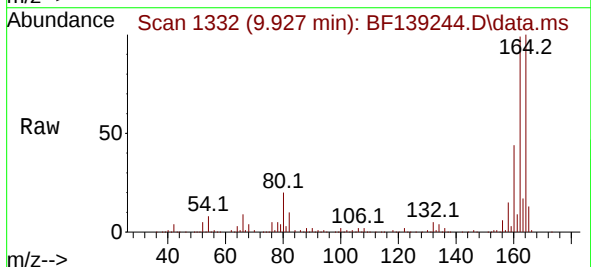
Tgt Ion:164 Resp: 291531

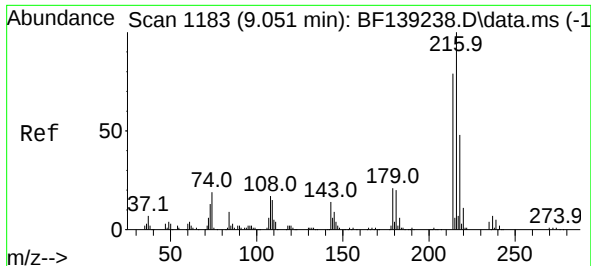
Ion Ratio Lower Upper

164 100

162 99.3 79.2 118.8

160 44.3 34.2 51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.574 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min  
Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion:216 Resp: 342912

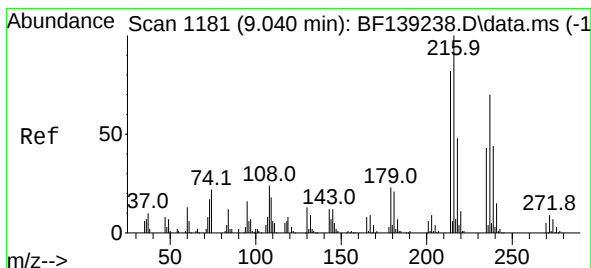
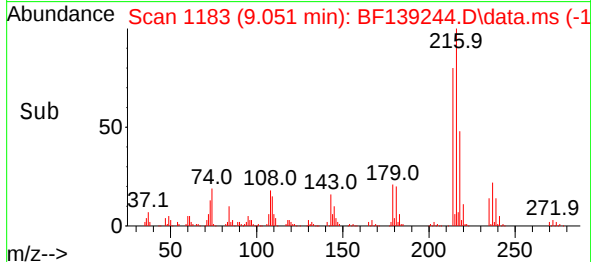
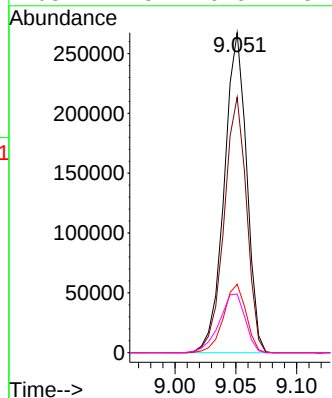
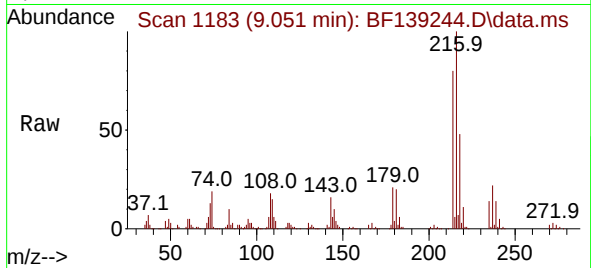
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 21.6 16.9 25.3

108 21.3 15.5 23.3



#41

Hexachlorocyclopentadiene

Concen: 118.126 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

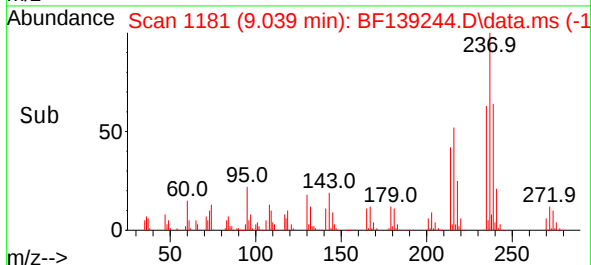
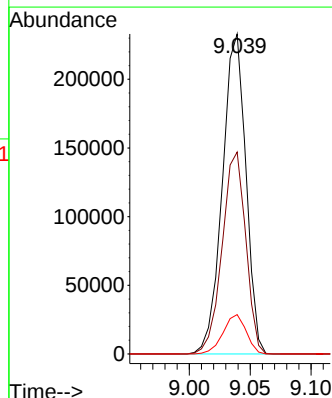
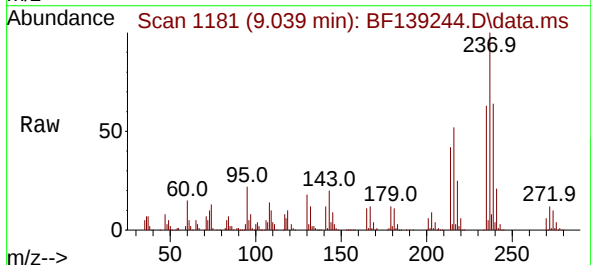
Tgt Ion:237 Resp: 313124

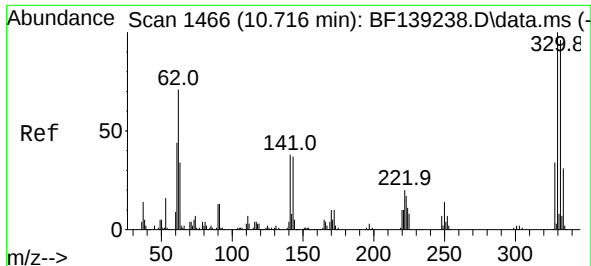
Ion Ratio Lower Upper

237 100

235 63.1 41.4 81.4

272 12.3 0.0 32.2





#42

2,4,6-Tribromophenol

Concen: 129.957 ng

RT: 10.722 min Scan# 1466

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

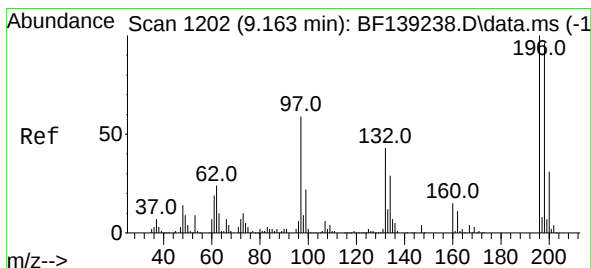
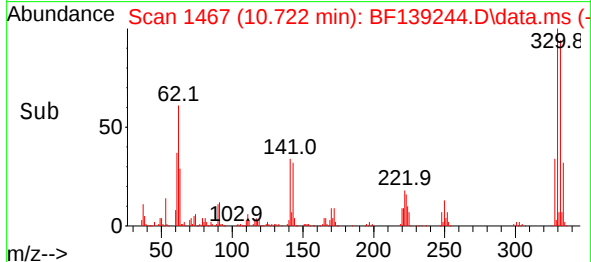
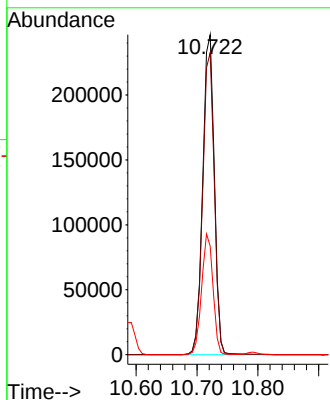
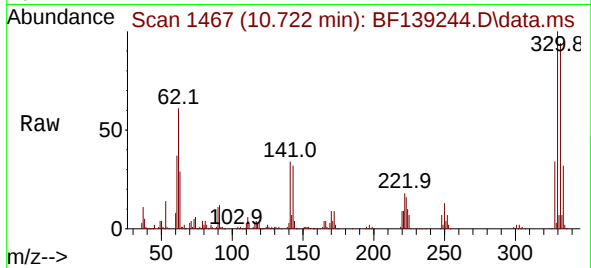
Tgt Ion:330 Resp: 327157

Ion Ratio Lower Upper

330 100

332 94.5 76.6 115.0

141 37.0 30.1 45.1



#43

2,4,6-Trichlorophenol

Concen: 43.831 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

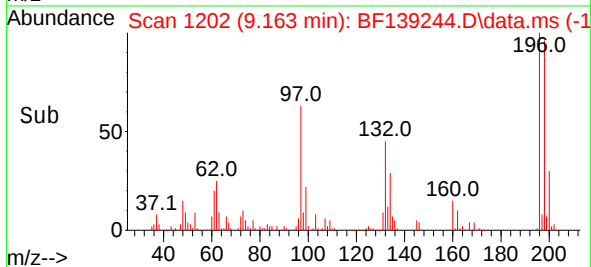
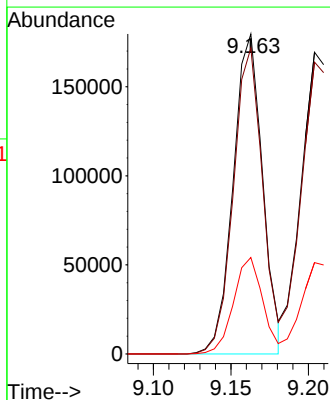
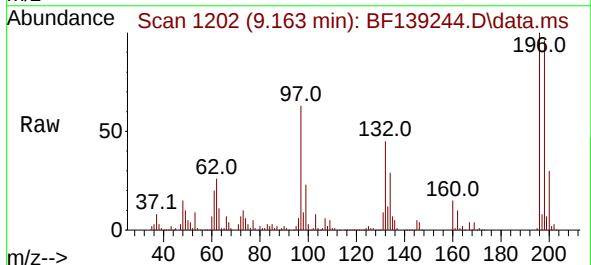
Tgt Ion:196 Resp: 236542

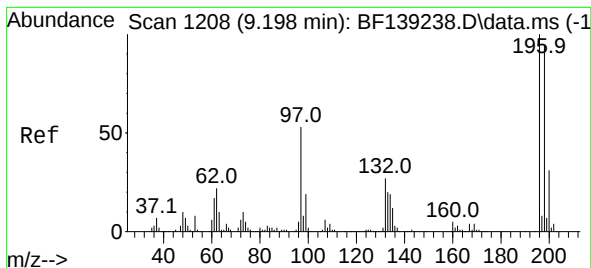
Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.4

200 30.2 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 43.483 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

Tgt Ion:196 Resp: 245911

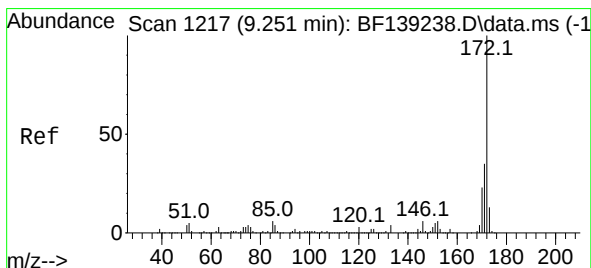
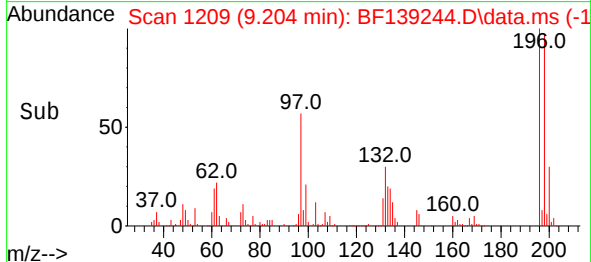
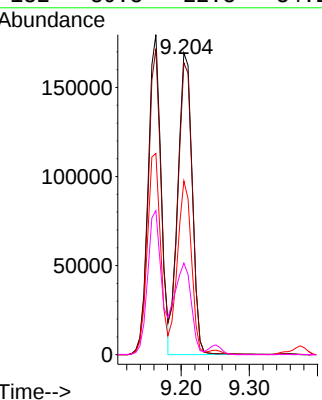
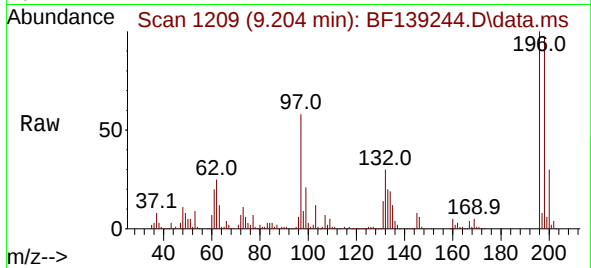
Ion Ratio Lower Upper

196 100

198 96.7 75.6 113.4

97 57.6 43.6 65.4

132 30.3 22.8 34.2



#45

2-Fluorobiphenyl

Concen: 82.193 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

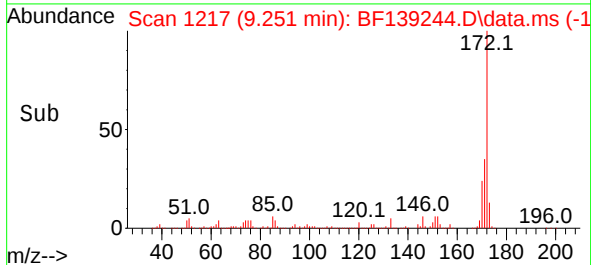
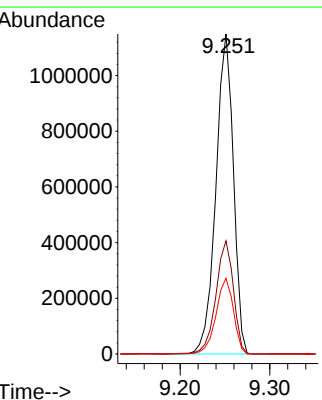
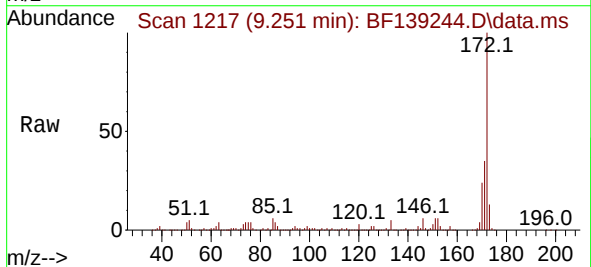
Tgt Ion:172 Resp: 1552287

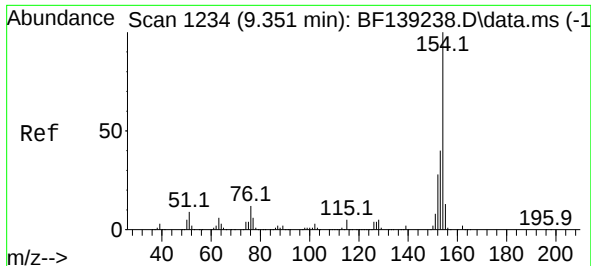
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 18.7 28.1





#46

1,1'-Biphenyl

Concen: 41.688 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

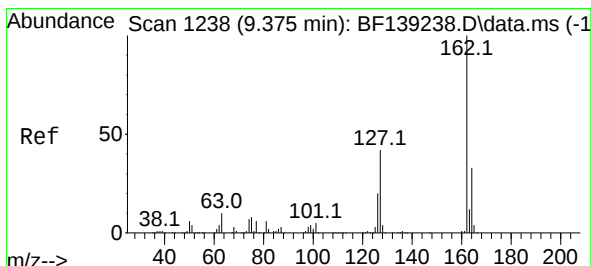
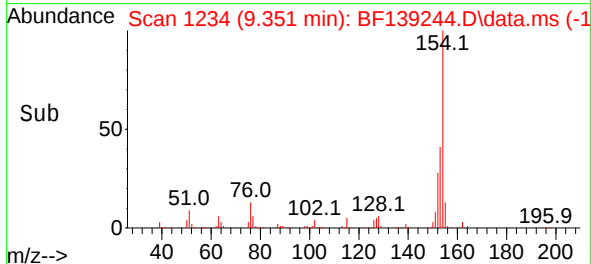
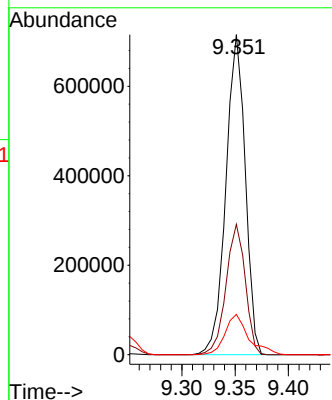
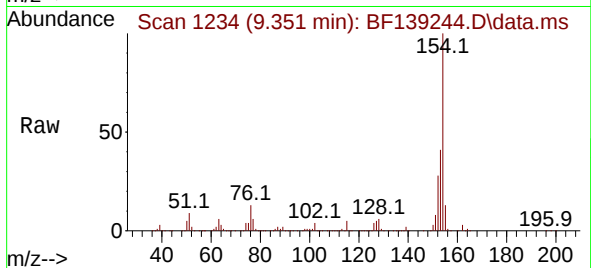
Tgt Ion:154 Resp: 900456

Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 12.6 0.0 32.3



#47

2-Chloronaphthalene

Concen: 41.434 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

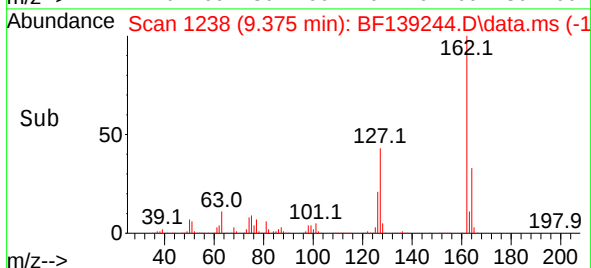
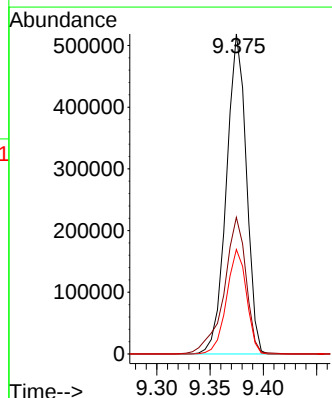
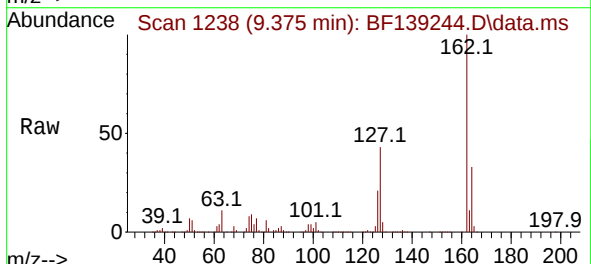
Tgt Ion:162 Resp: 675775

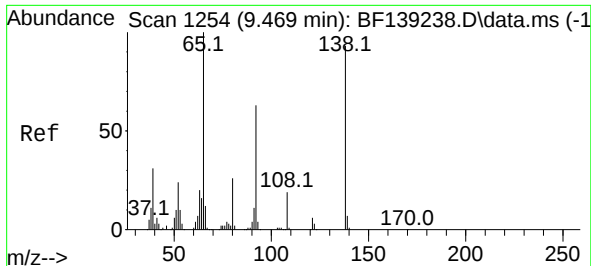
Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 32.7 26.2 39.2





#48

2-Nitroaniline

Concen: 45.834 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

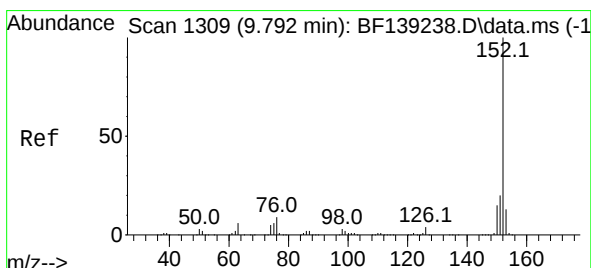
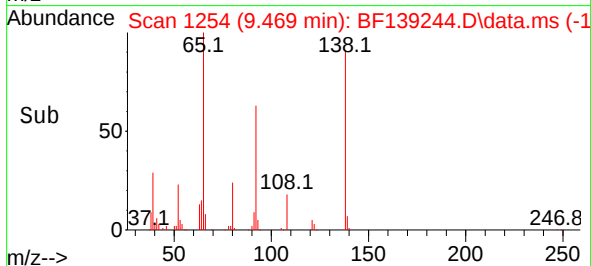
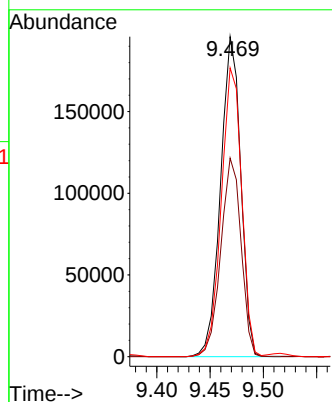
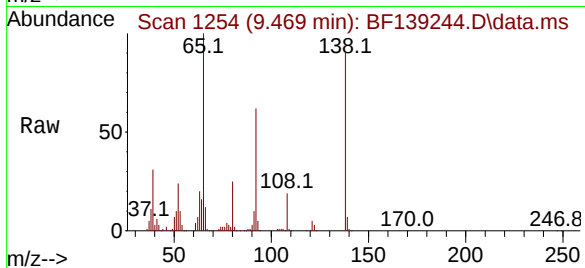
Tgt Ion: 65 Resp: 257482

Ion Ratio Lower Upper

65 100

92 62.0 50.4 75.6

138 90.3 74.2 111.4



#49

Acenaphthylene

Concen: 45.282 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

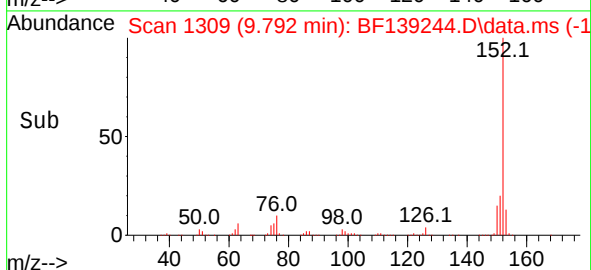
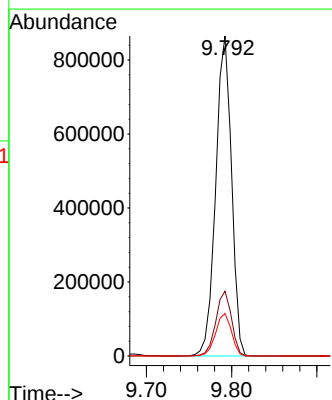
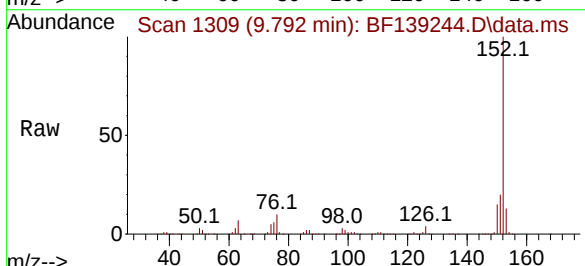
Tgt Ion:152 Resp: 1112346

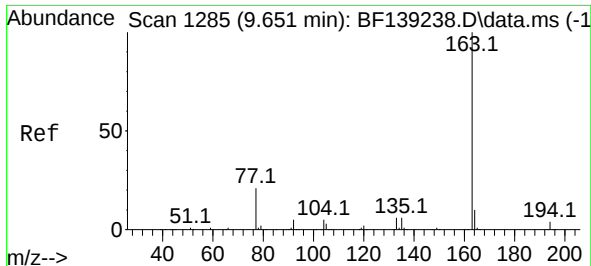
Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.4 15.6





#50

Dimethylphthalate

Concen: 44.232 ng

RT: 9.651 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

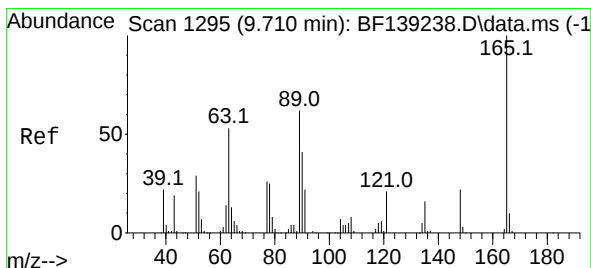
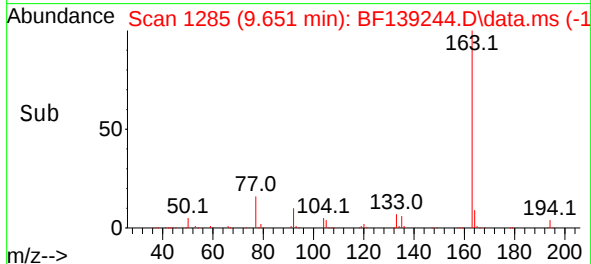
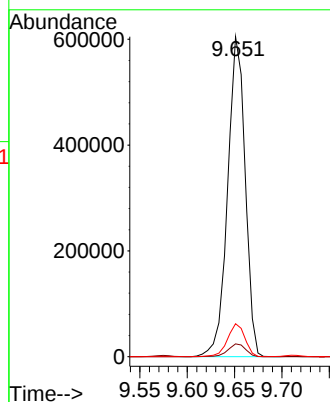
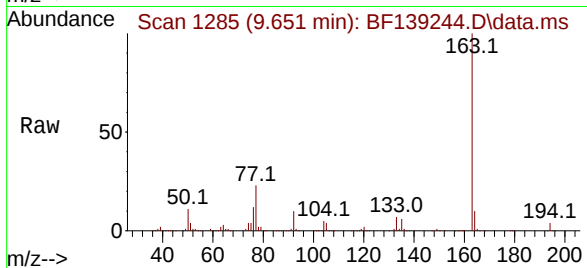
Tgt Ion:163 Resp: 781564

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: 43.254 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

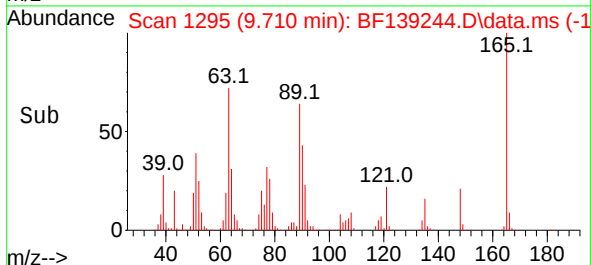
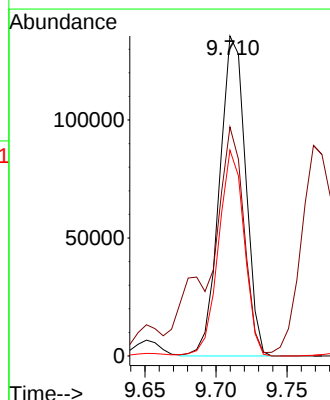
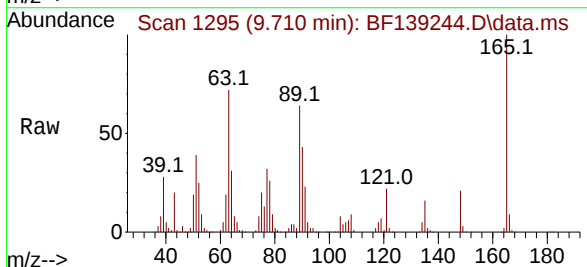
Tgt Ion:165 Resp: 173385

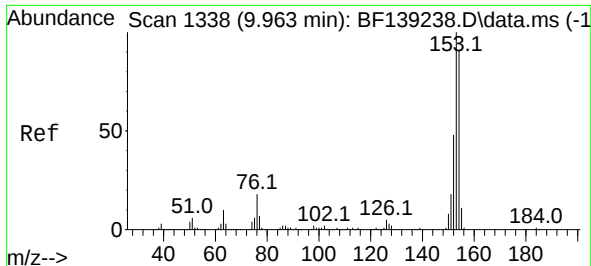
Ion Ratio Lower Upper

165 100

63 71.5 56.1 84.1

89 64.3 49.7 74.5





#52

Acenaphthene

Concen: 45.933 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

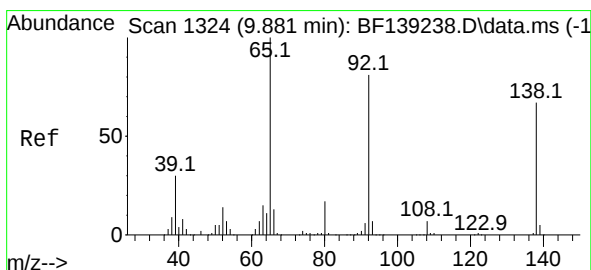
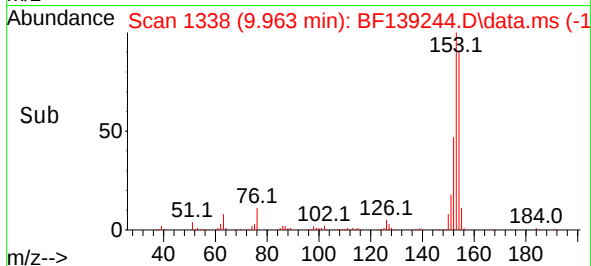
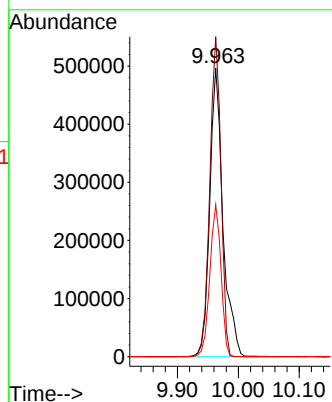
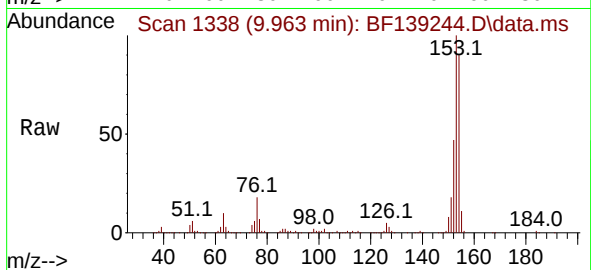
Tgt Ion:154 Resp: 748374

Ion Ratio Lower Upper

154 100

153 110.9 87.8 131.6

152 52.6 41.7 62.5



#53

3-Nitroaniline

Concen: 32.533 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

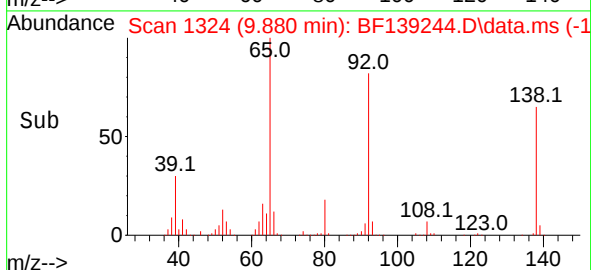
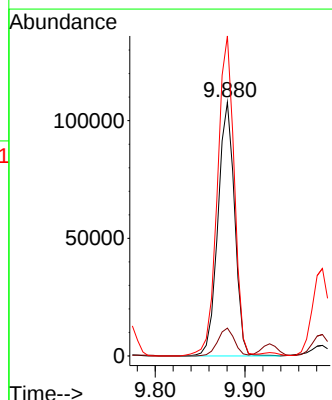
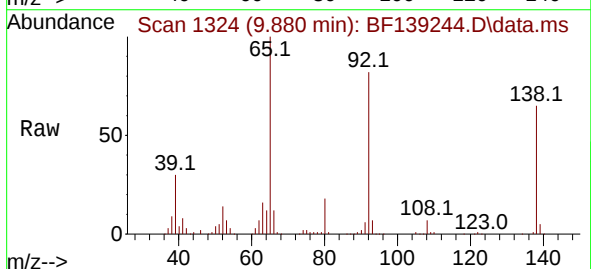
Tgt Ion:138 Resp: 138947

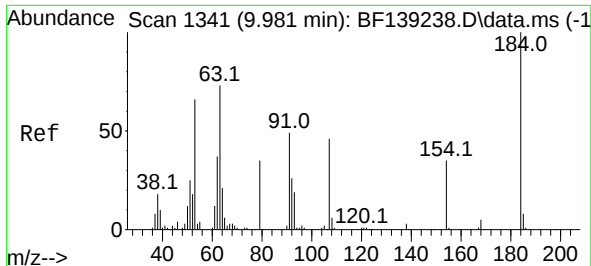
Ion Ratio Lower Upper

138 100

108 11.0 8.6 13.0

92 126.1 96.4 144.6

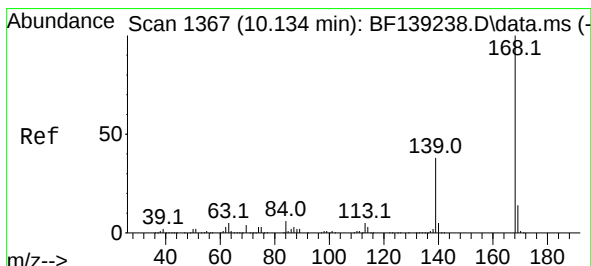
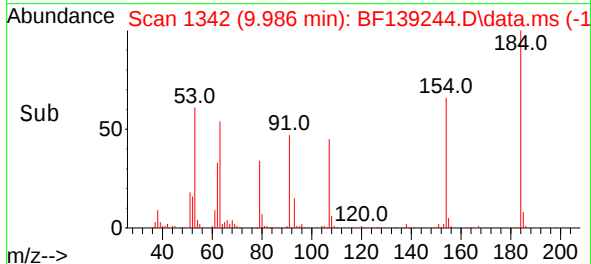
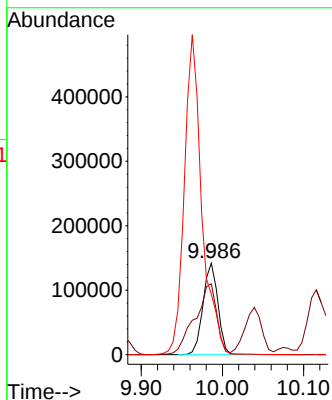
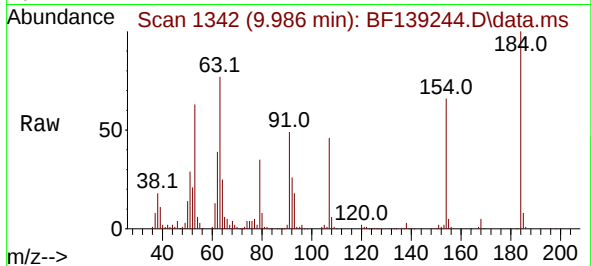




#54  
2,4-Dinitrophenol  
Concen: 85.502 ng  
RT: 9.986 min Scan# 1341  
Delta R.T. 0.005 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

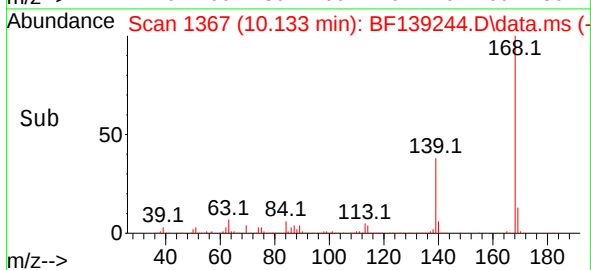
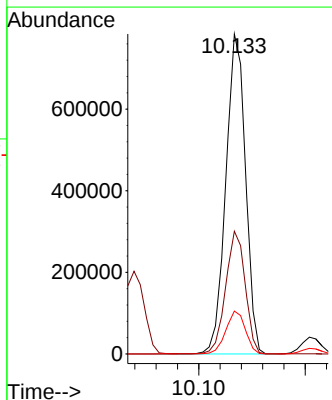
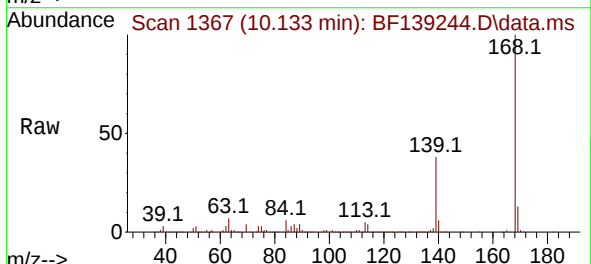
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

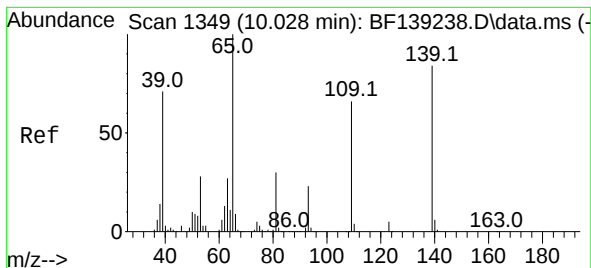
Tgt Ion:184 Resp: 180774  
Ion Ratio Lower Upper  
184 100  
63 77.4 66.4 99.6  
154 66.4 97.0 145.6#



#55  
Dibenzofuran  
Concen: 43.130 ng  
RT: 10.133 min Scan# 1367  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:168 Resp: 1007478  
Ion Ratio Lower Upper  
168 100  
139 38.4 30.2 45.4  
169 13.4 10.8 16.2

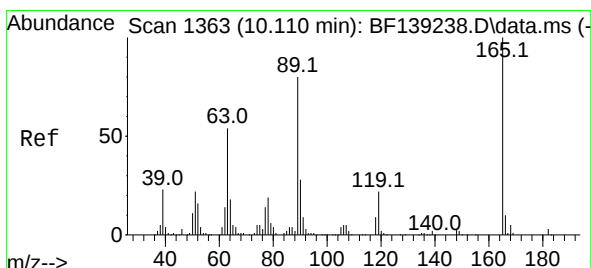
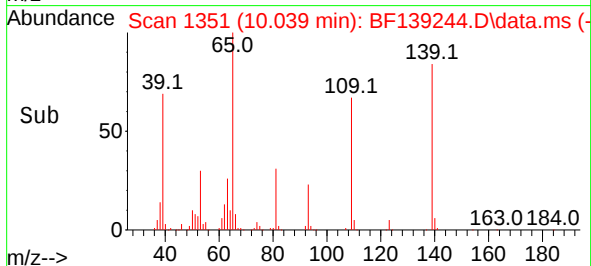
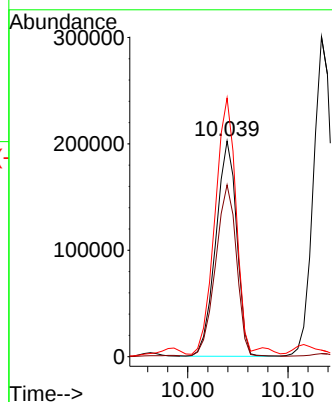
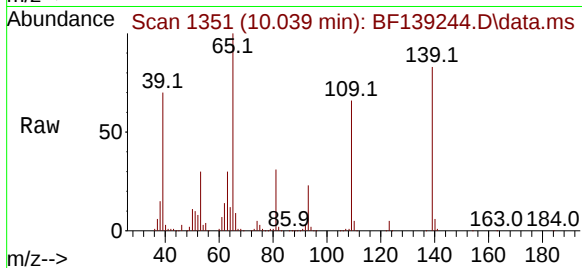




#56  
4-Nitrophenol  
Concen: 92.880 ng  
RT: 10.039 min Scan# 1351  
Delta R.T. 0.012 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

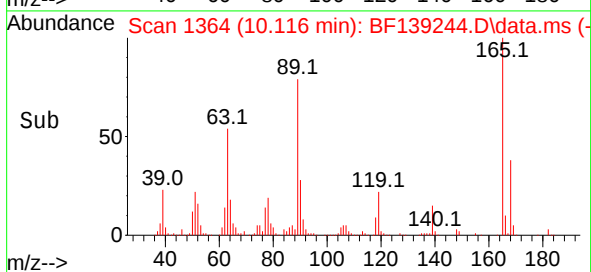
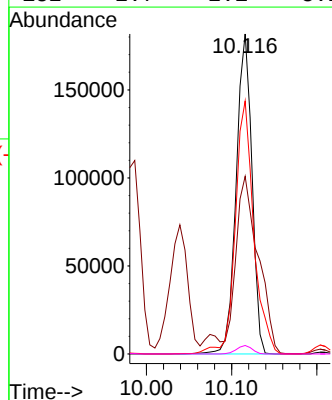
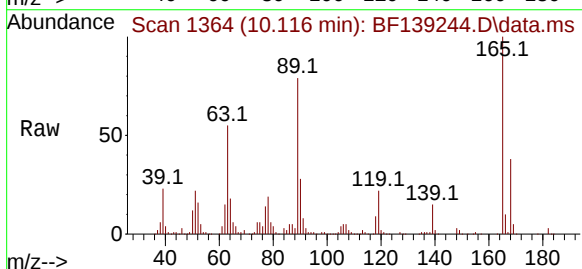
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

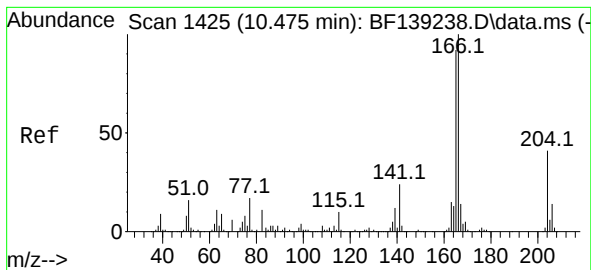
Tgt Ion:139 Resp: 292786  
Ion Ratio Lower Upper  
139 100  
109 79.7 58.7 98.7  
65 120.0 100.3 140.3



#57  
2,4-Dinitrotoluene  
Concen: 45.805 ng  
RT: 10.116 min Scan# 1364  
Delta R.T. 0.006 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:165 Resp: 233701  
Ion Ratio Lower Upper  
165 100  
63 55.5 43.4 65.0  
89 79.0 64.2 96.4  
182 2.7 2.1 3.1





#58

Fluorene

Concen: 42.347 ng

RT: 10.480 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

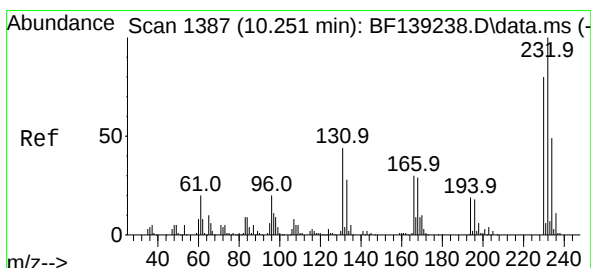
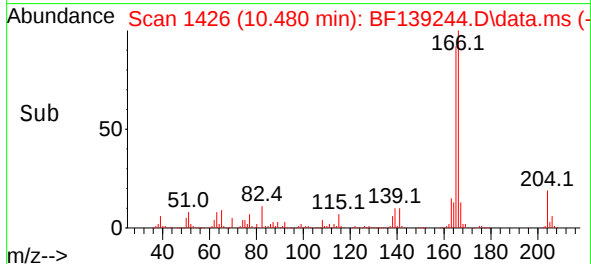
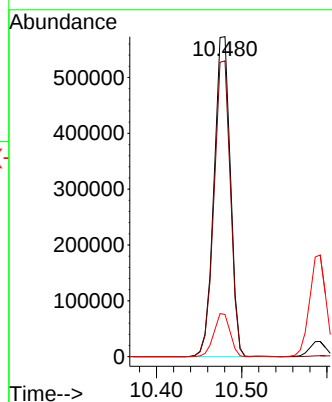
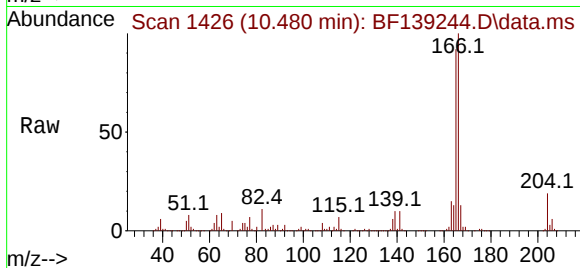
Tgt Ion:166 Resp: 766935

Ion Ratio Lower Upper

166 100

165 92.5 73.7 110.5

167 13.2 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.860 ng

RT: 10.251 min Scan# 1387

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Tgt Ion:232 Resp: 204150

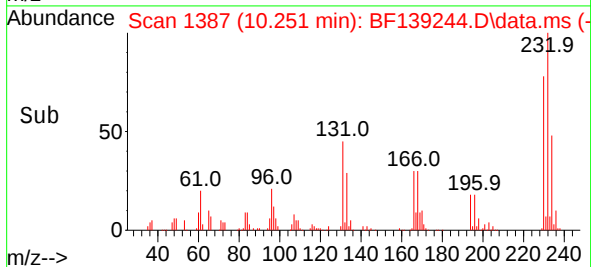
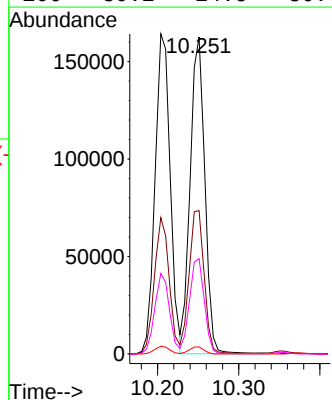
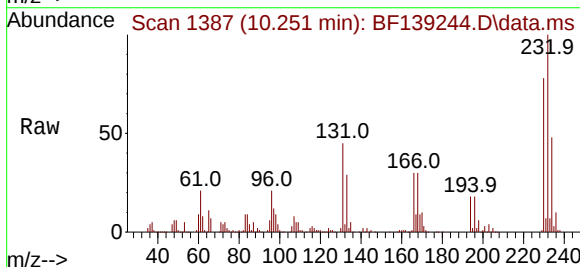
Ion Ratio Lower Upper

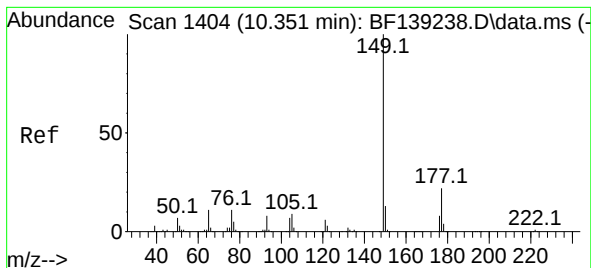
232 100

131 46.6 37.7 56.5

130 2.2 1.9 2.9

166 30.2 24.5 36.7





#60

Diethylphthalate

Concen: 44.303 ng

RT: 10.351 min Scan# 1404

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

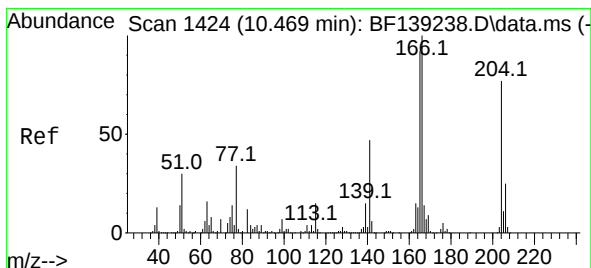
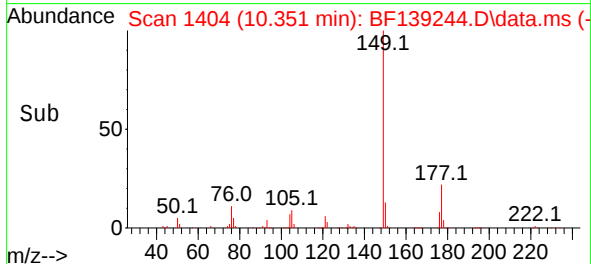
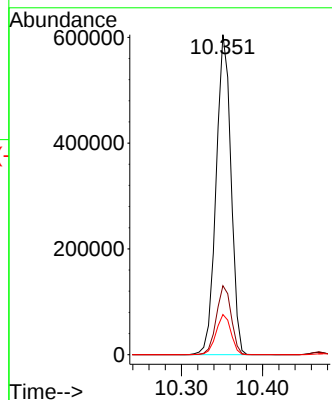
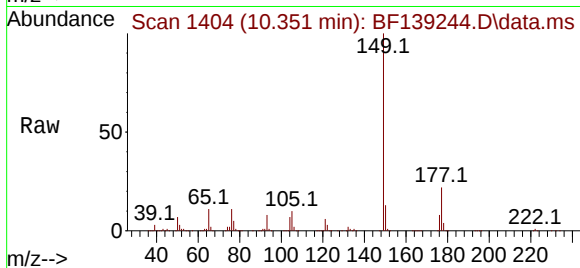
Tgt Ion:149 Resp: 770371

Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

150 12.6 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 41.718 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

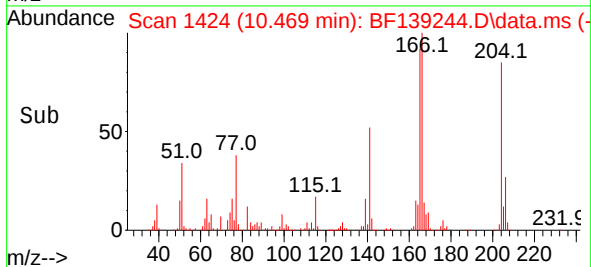
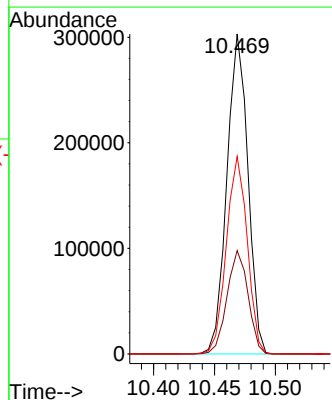
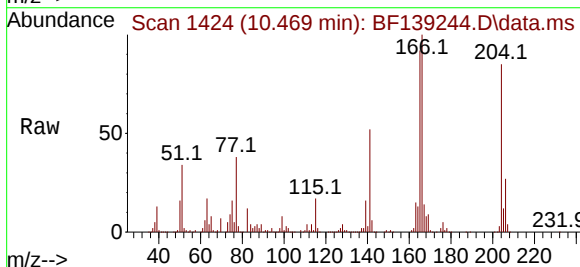
Tgt Ion:204 Resp: 364360

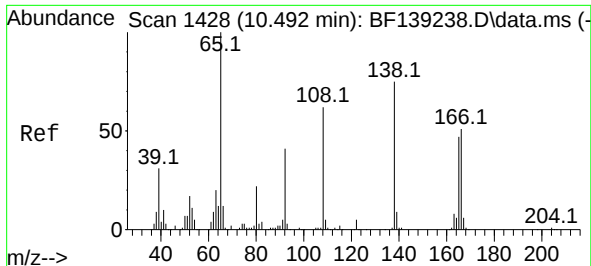
Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.8

141 61.7 48.6 72.8





#62

4-Nitroaniline

Concen: 43.651 ng

RT: 10.498 min Scan# 1428

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

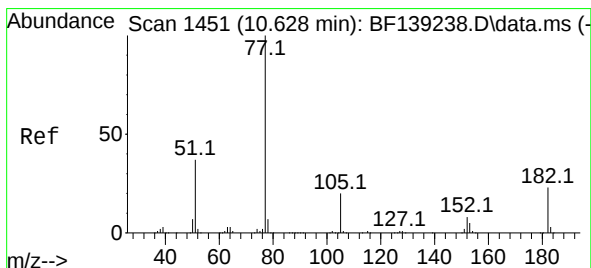
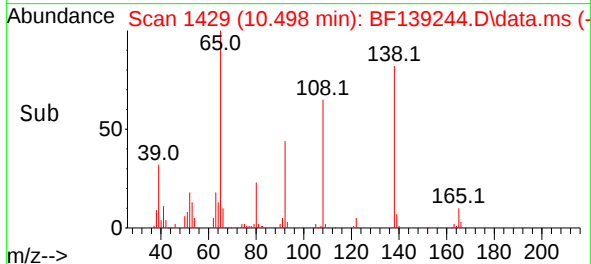
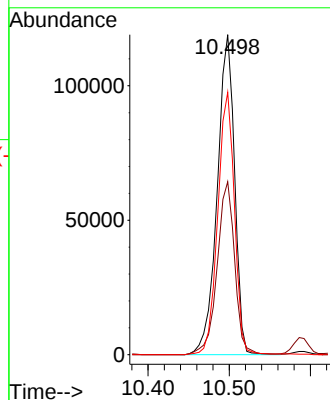
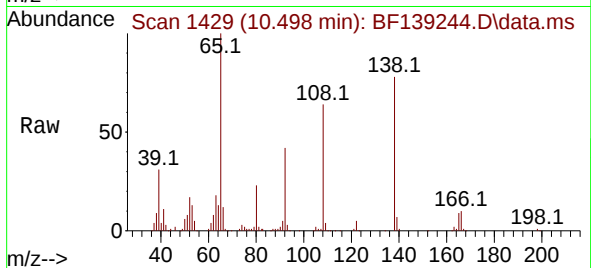
Tgt Ion:138 Resp: 177462

Ion Ratio Lower Upper

138 100

92 54.1 34.4 74.4

108 82.0 62.7 102.7



#63

Azobenzene

Concen: 44.224 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Tgt Ion: 77 Resp: 810505

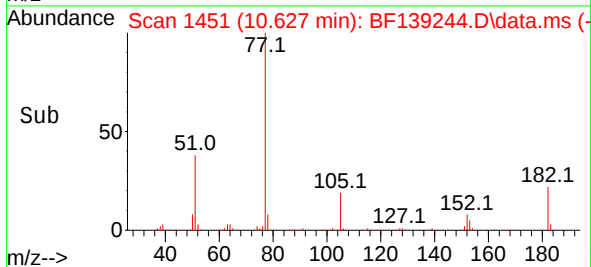
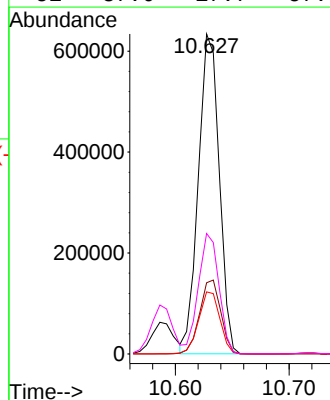
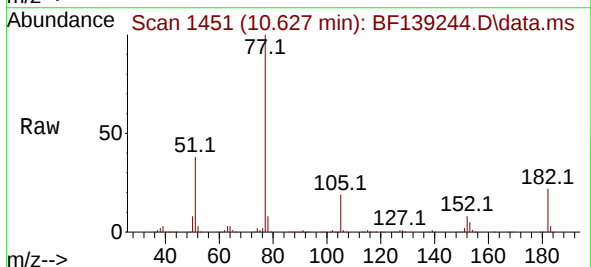
Ion Ratio Lower Upper

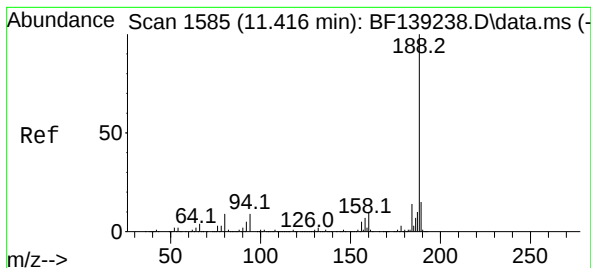
77 100

182 22.3 3.0 43.0

105 19.4 0.0 39.4

51 37.6 17.7 57.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

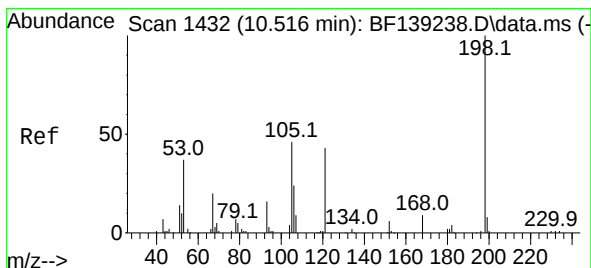
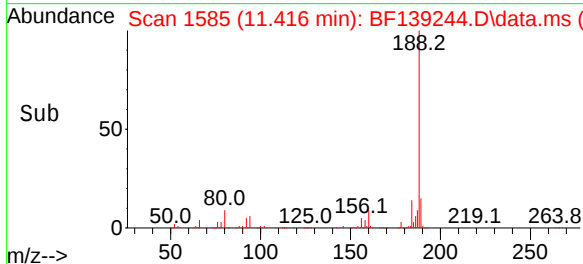
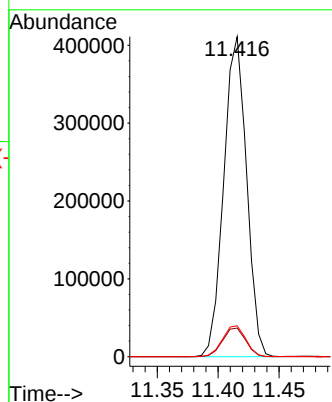
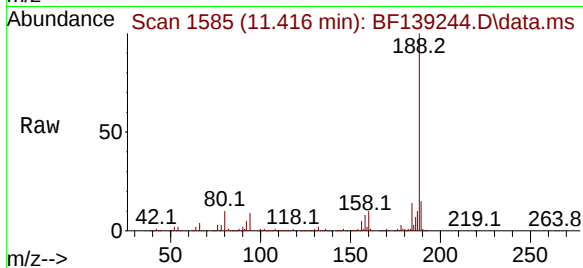
Tgt Ion:188 Resp: 536683

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.7 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 47.732 ng

RT: 10.522 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

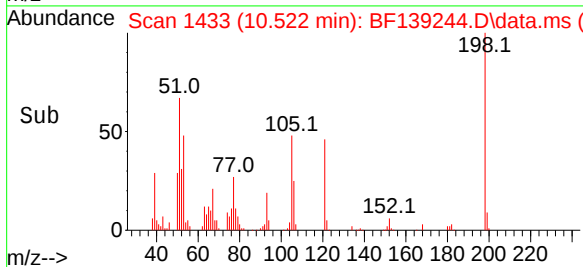
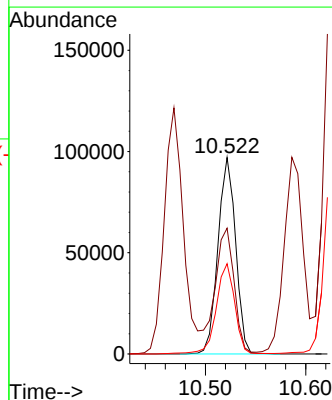
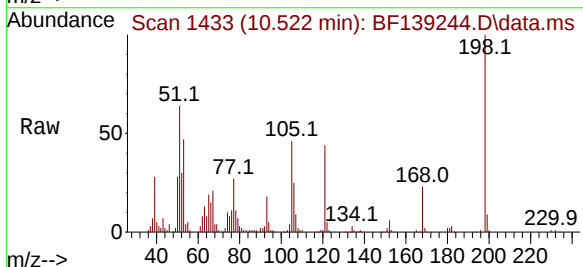
Tgt Ion:198 Resp: 118365

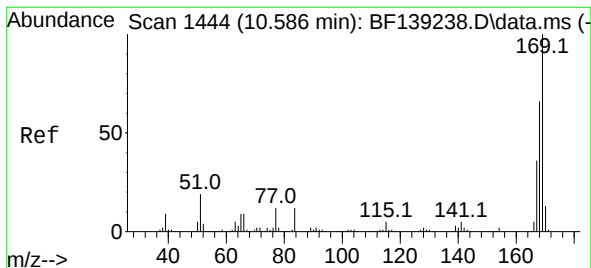
Ion Ratio Lower Upper

198 100

51 64.0 47.2 87.2

105 45.9 27.1 67.1





#66

n-Nitrosodiphenylamine

Concen: 42.791 ng

RT: 10.592 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

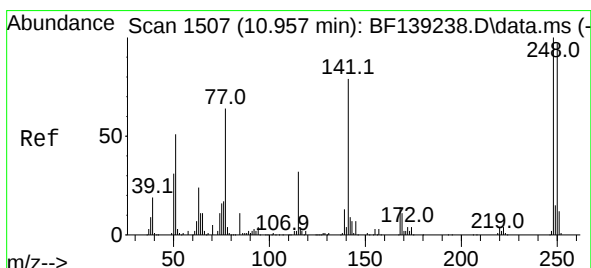
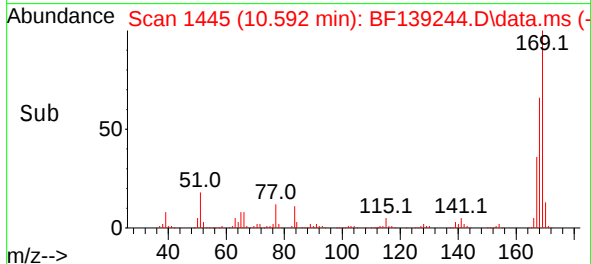
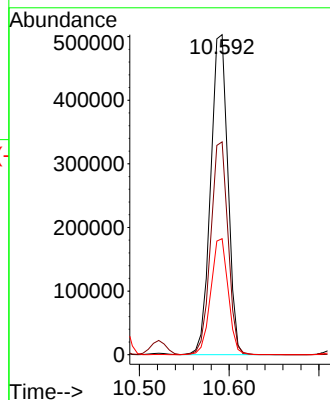
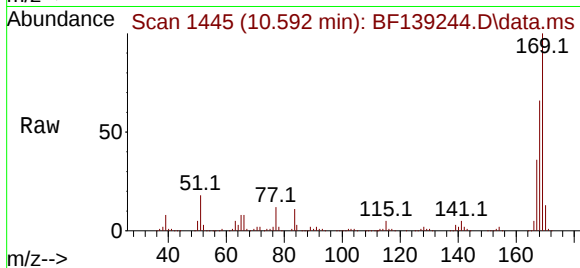
Tgt Ion:169 Resp: 668491

Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

167 36.2 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 42.453 ng

RT: 10.963 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

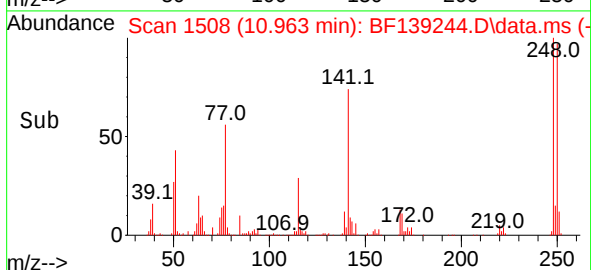
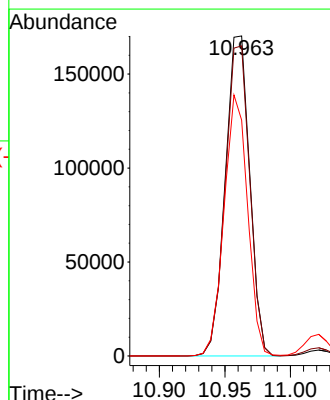
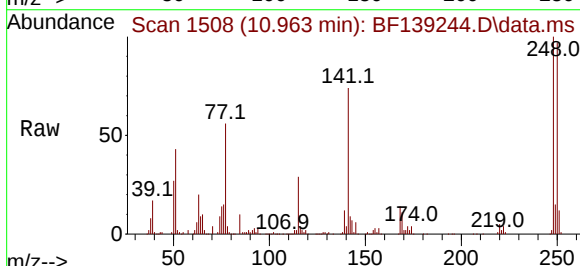
Tgt Ion:248 Resp: 221056

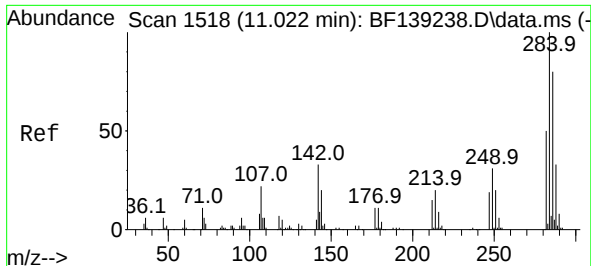
Ion Ratio Lower Upper

248 100

250 96.9 77.2 115.8

141 73.7 63.6 95.4

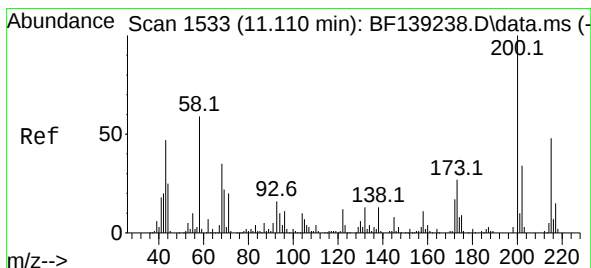
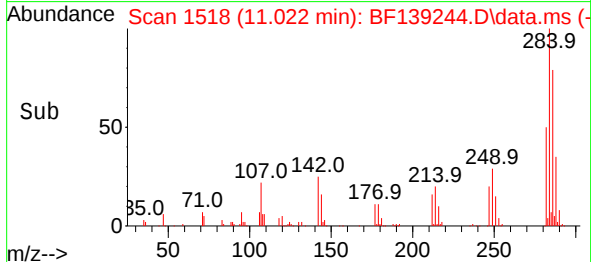
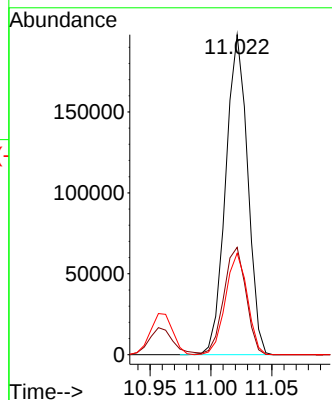
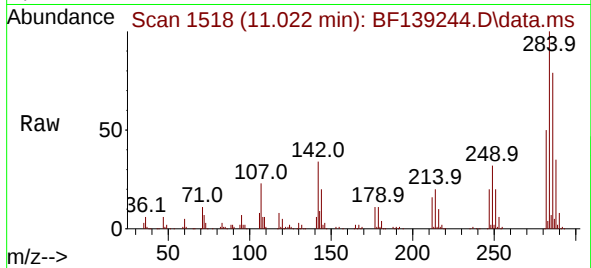




#68  
Hexachlorobenzene  
Concen: 41.548 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

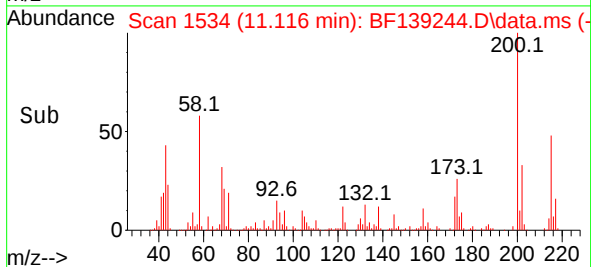
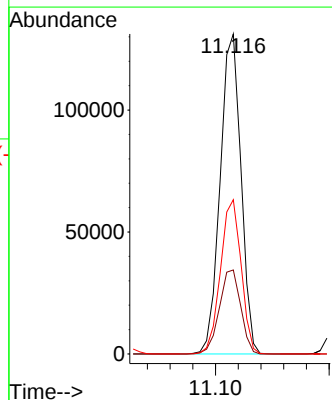
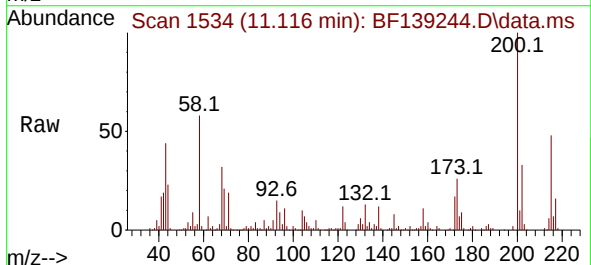
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

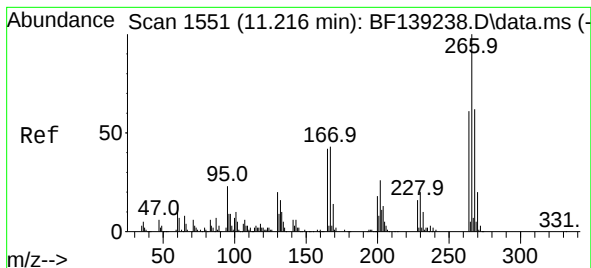
Tgt Ion:284 Resp: 247668  
Ion Ratio Lower Upper  
284 100  
142 33.5 26.5 39.7  
249 31.7 24.8 37.2



#69  
Atrazine  
Concen: 46.326 ng  
RT: 11.116 min Scan# 1534  
Delta R.T. 0.006 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:200 Resp: 166970  
Ion Ratio Lower Upper  
200 100  
173 26.2 7.1 47.1  
215 48.2 28.5 68.5





#70

Pentachlorophenol

Concen: 84.453 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

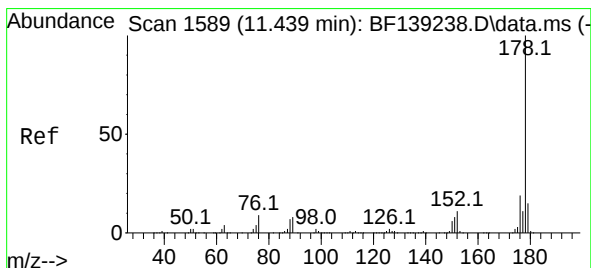
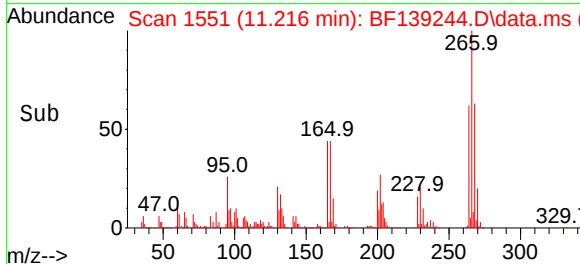
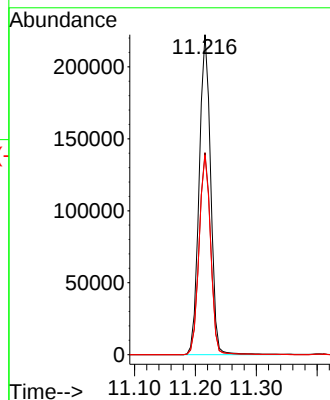
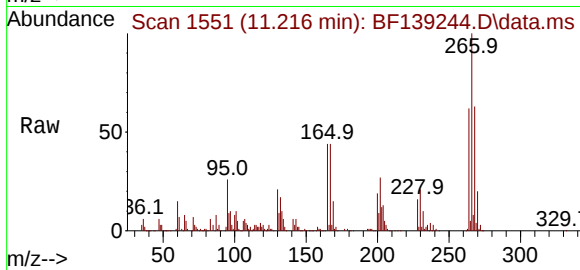
Tgt Ion:266 Resp: 290800

Ion Ratio Lower Upper

266 100

268 63.2 49.7 74.5

264 62.3 49.2 73.8



#71

Phenanthrene

Concen: 42.844 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

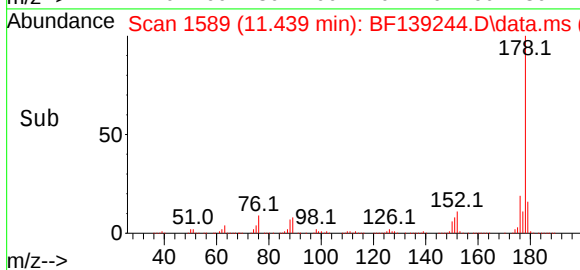
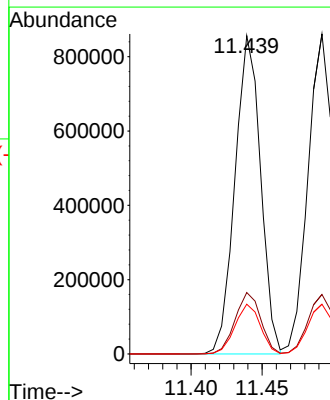
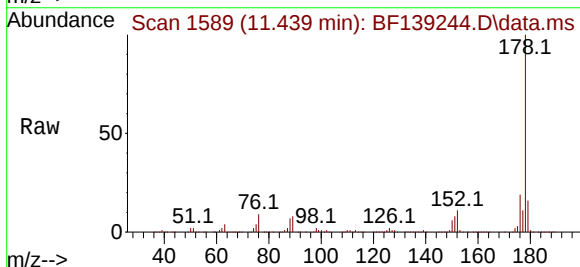
Tgt Ion:178 Resp: 1074176

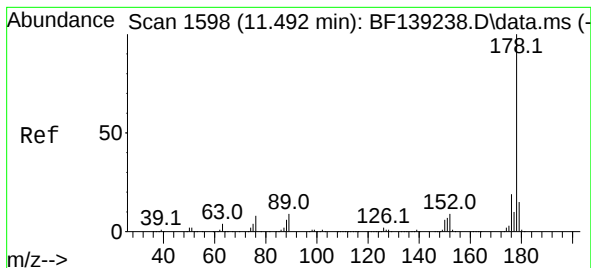
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.3 18.5





#72

Anthracene

Concen: 43.887 ng

RT: 11.492 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

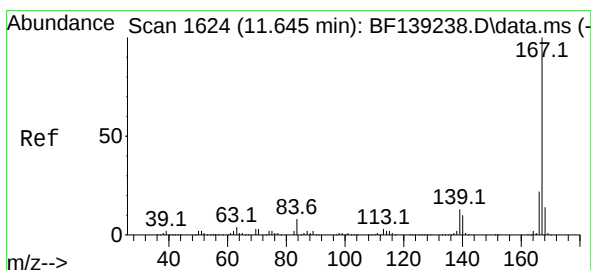
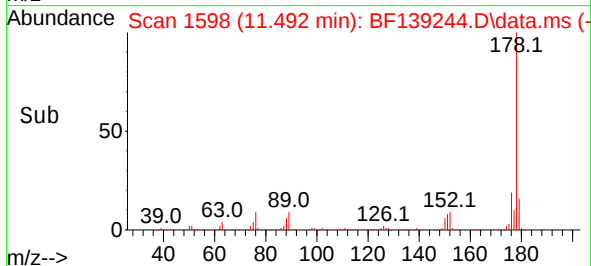
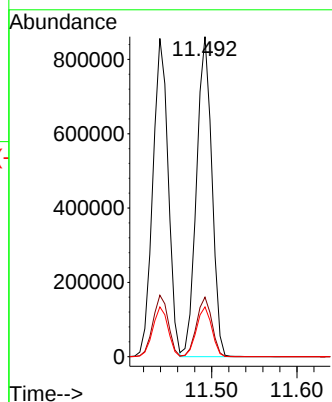
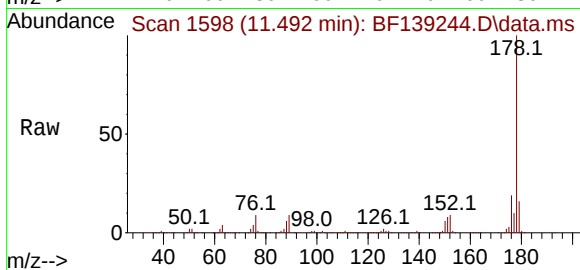
Tgt Ion:178 Resp: 1074867

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.3 18.5



#73

Carbazole

Concen: 43.068 ng

RT: 11.645 min Scan# 1624

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

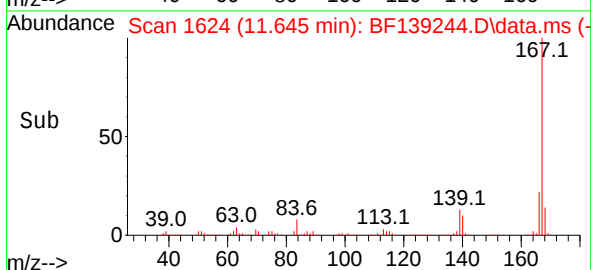
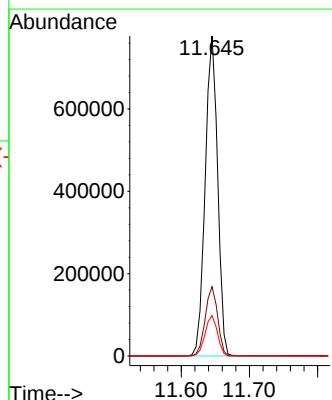
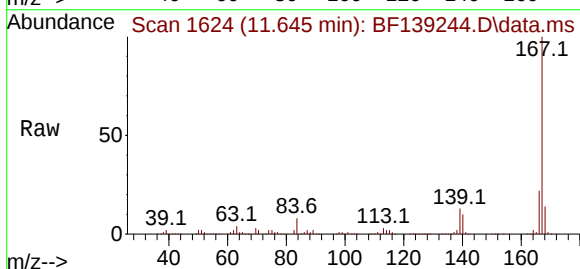
Tgt Ion:167 Resp: 985847

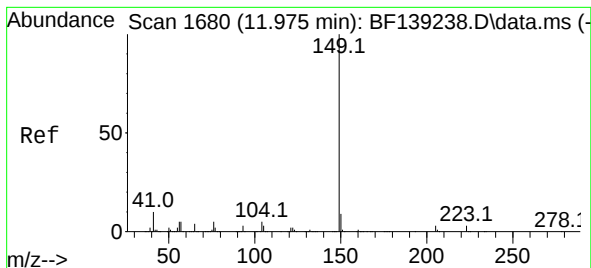
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.6 10.2 15.4

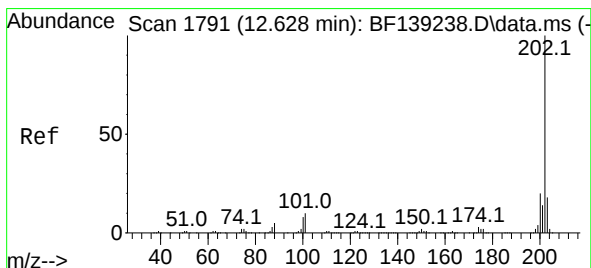
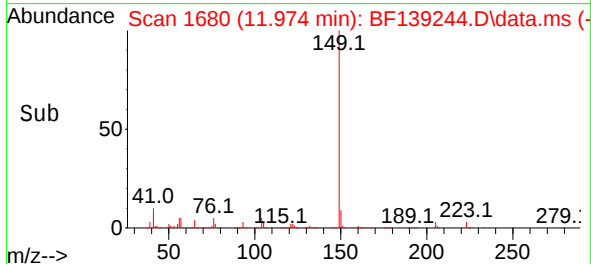
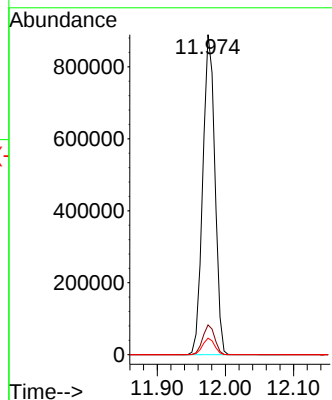
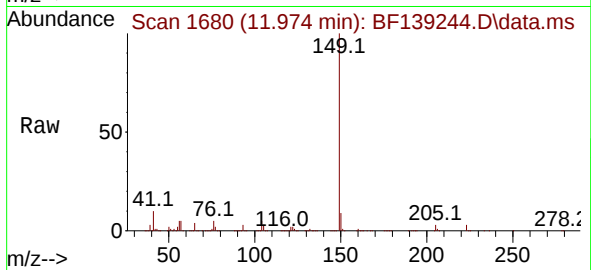




#74  
Di-n-butylphthalate  
Concen: 46.953 ng  
RT: 11.974 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

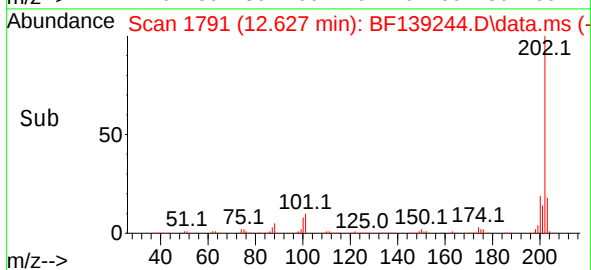
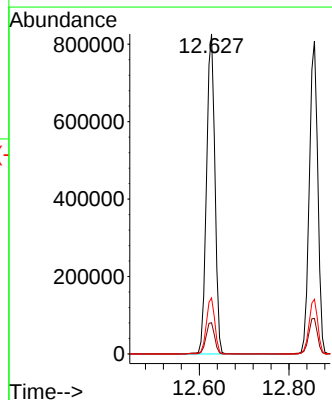
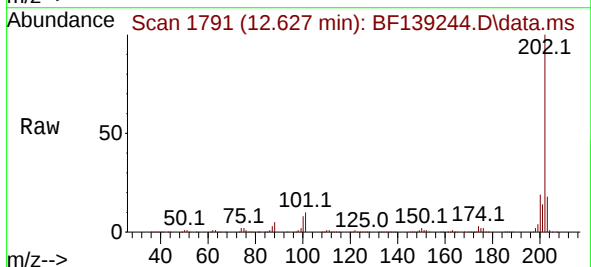
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

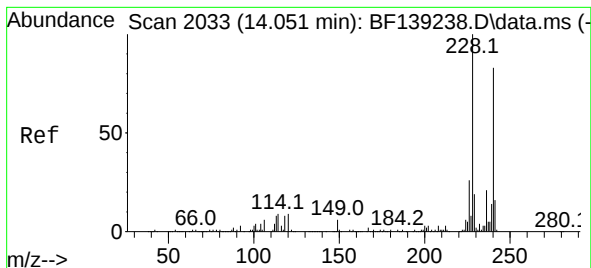
Tgt Ion:149 Resp: 1100479  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 5.2 3.9 5.9



#75  
Fluoranthene  
Concen: 42.528 ng  
RT: 12.627 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:202 Resp: 1068944  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 29.9  
203 17.5 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: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

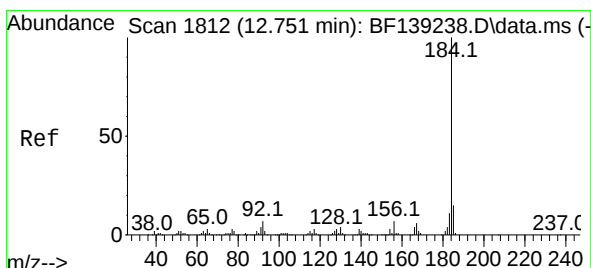
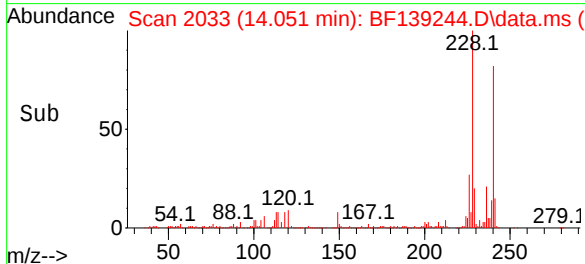
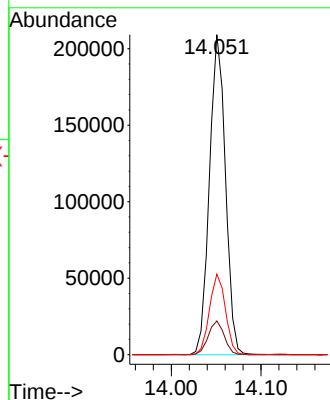
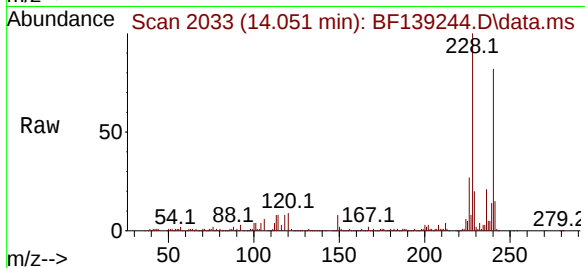
Tgt Ion:240 Resp: 258768

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.2 20.7 31.1



#77

Benzidine

Concen: 14.218 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

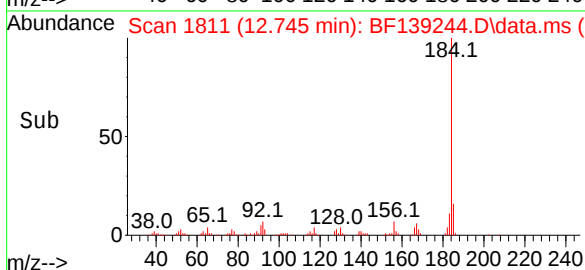
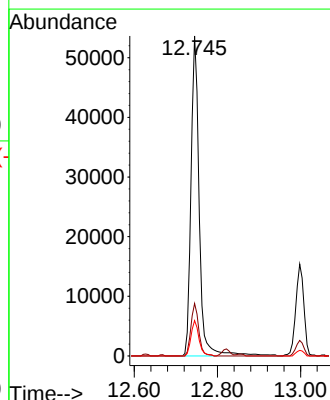
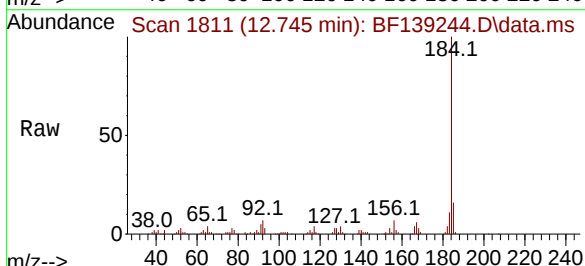
Tgt Ion:184 Resp: 74081

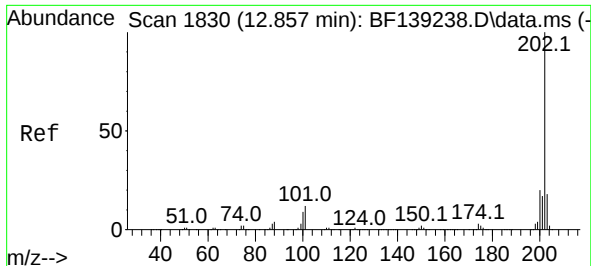
Ion Ratio Lower Upper

184 100

185 16.4 11.9 17.9

183 11.0 8.8 13.2

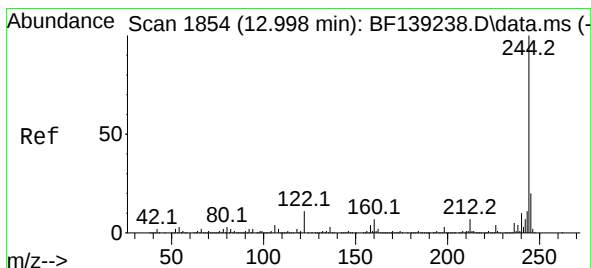
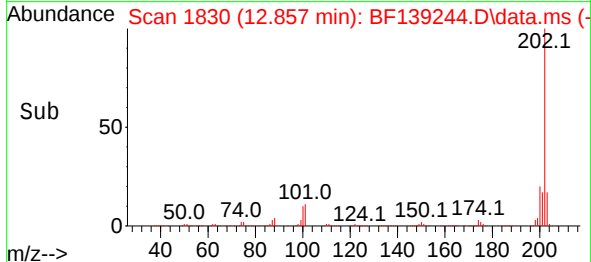
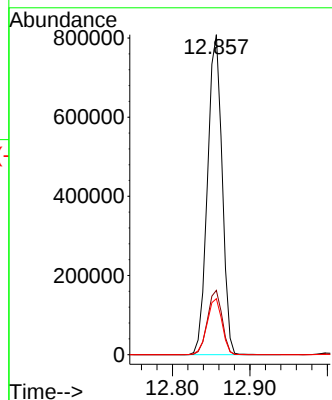
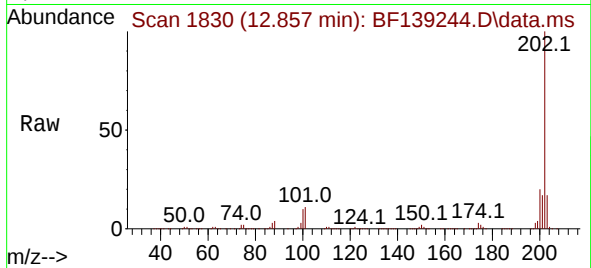




#78  
Pyrene  
Concen: 42.207 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

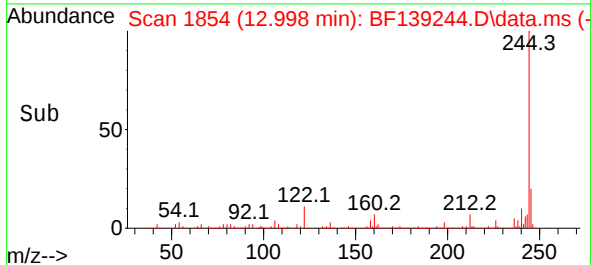
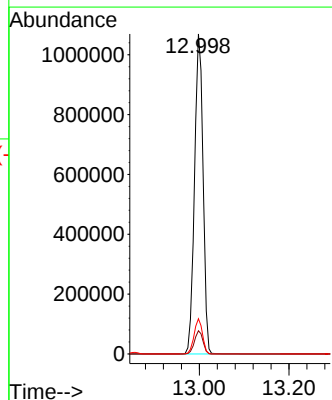
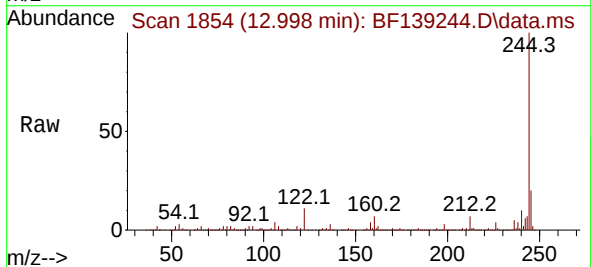
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01

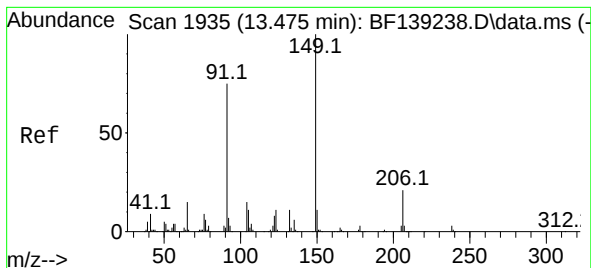
Tgt Ion:202 Resp: 1055051  
Ion Ratio Lower Upper  
202 100  
200 20.1 15.8 23.8  
203 17.5 14.1 21.1



#79  
Terphenyl-d14  
Concen: 87.827 ng  
RT: 12.998 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: BF139244.D  
Acq: 04 Sep 2024 17:18

Tgt Ion:244 Resp: 1407592  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.9 8.9  
122 11.0 8.7 13.1





#80

Butylbenzylphthalate

Concen: 51.536 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

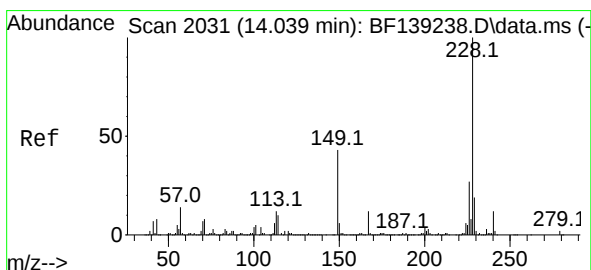
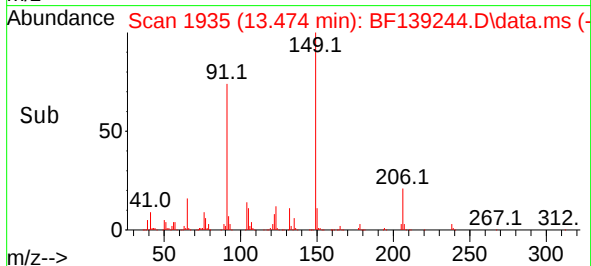
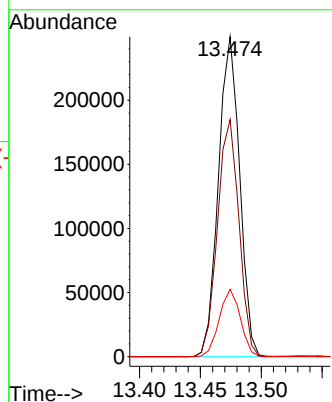
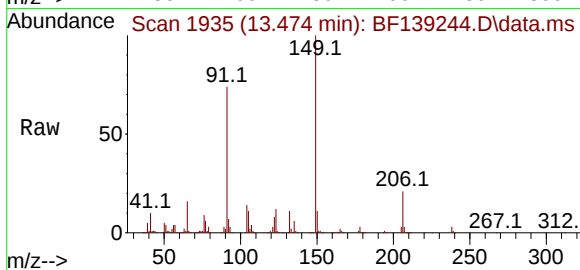
Tgt Ion:149 Resp: 303266

Ion Ratio Lower Upper

149 100

91 74.1 60.3 90.5

206 21.1 16.7 25.1



#81

Benzo(a)anthracene

Concen: 43.136 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

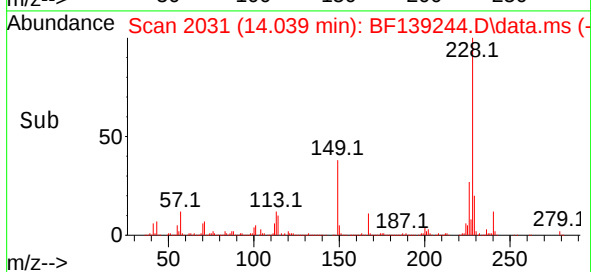
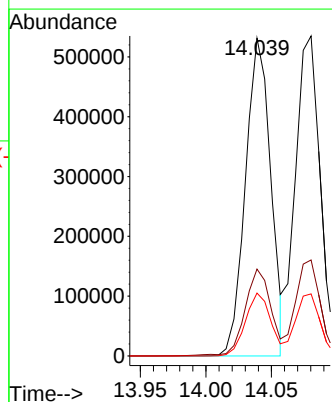
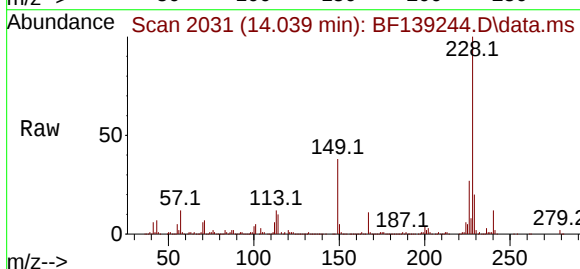
Tgt Ion:228 Resp: 712755

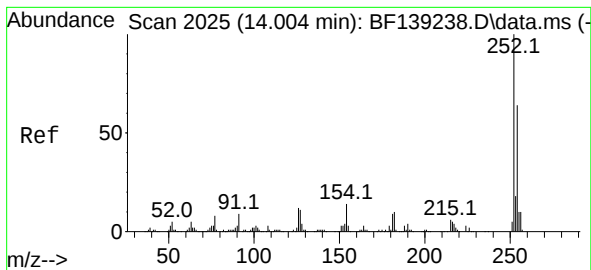
Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.8 15.6 23.4

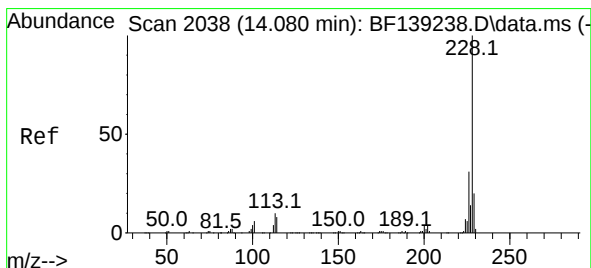
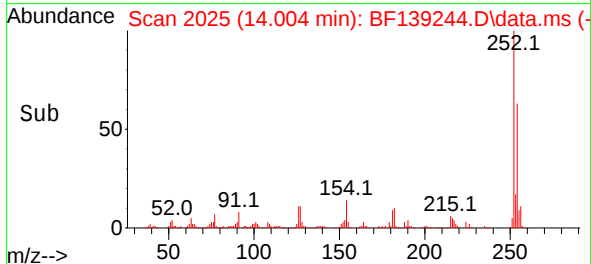
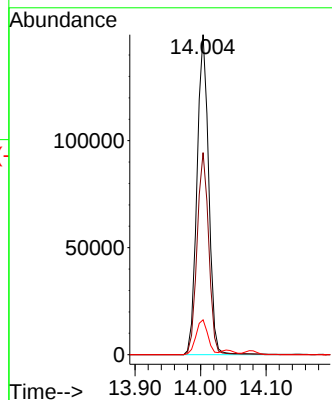
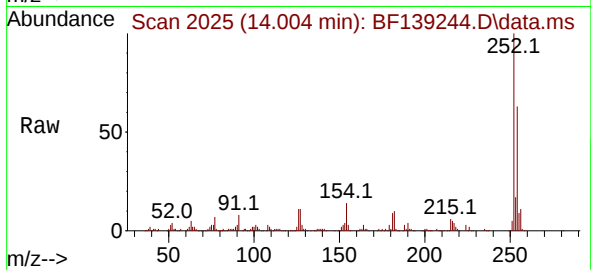




#82  
 3,3'-Dichlorobenzidine  
 Concen: 42.260 ng  
 RT: 14.004 min Scan# 2025  
 Delta R.T. -0.000 min  
 Lab File: BF139244.D  
 Acq: 04 Sep 2024 17:18

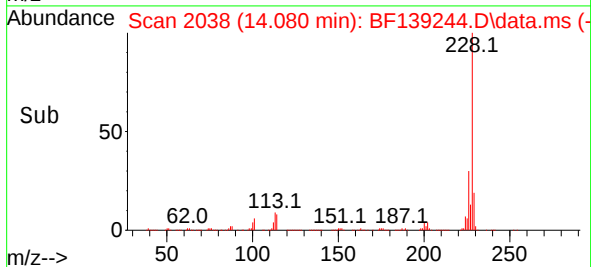
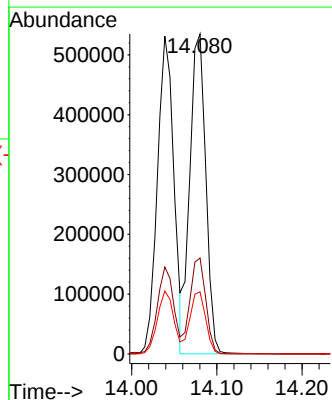
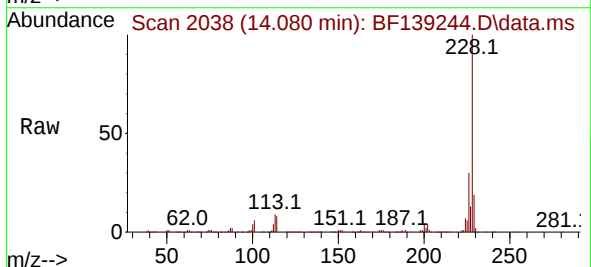
Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

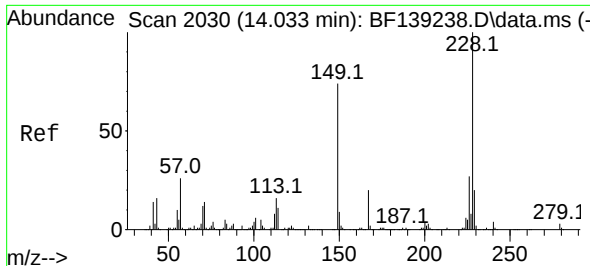
Tgt Ion:252 Resp: 185442  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 51.5 77.3  
 126 10.9 9.2 13.8



#83  
 Chrysene  
 Concen: 45.107 ng  
 RT: 14.080 min Scan# 2038  
 Delta R.T. -0.000 min  
 Lab File: BF139244.D  
 Acq: 04 Sep 2024 17:18

Tgt Ion:228 Resp: 695623  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 23.8 35.8  
 229 19.4 15.8 23.6

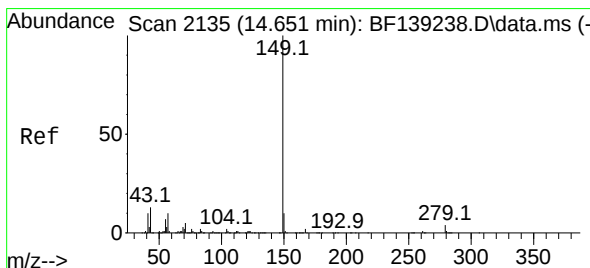
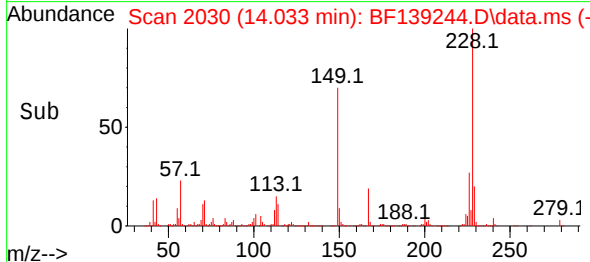
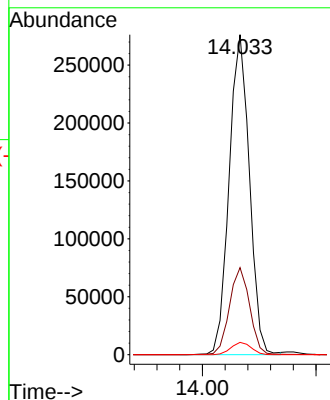
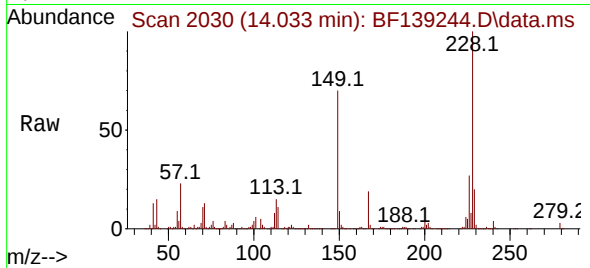




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.517 ng  
 RT: 14.033 min Scan# 2030  
 Delta R.T. -0.000 min  
 Lab File: BF139244.D  
 Acq: 04 Sep 2024 17:18

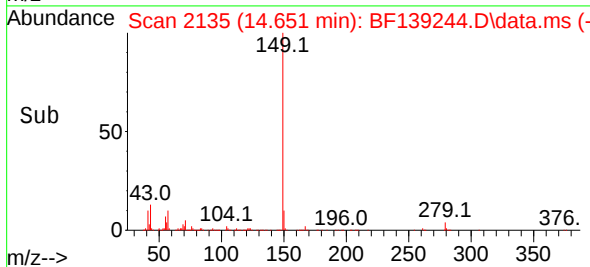
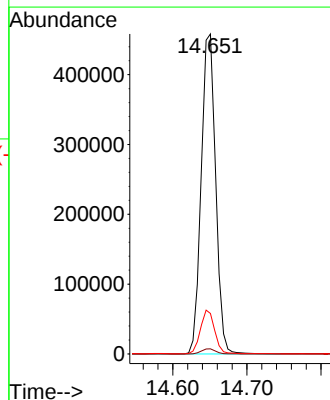
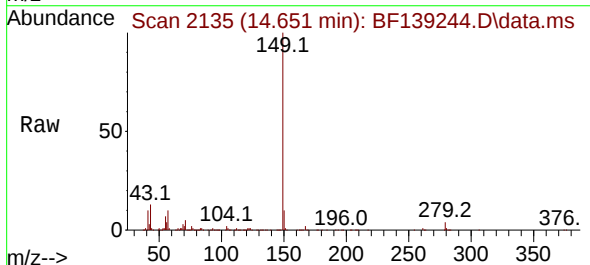
Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

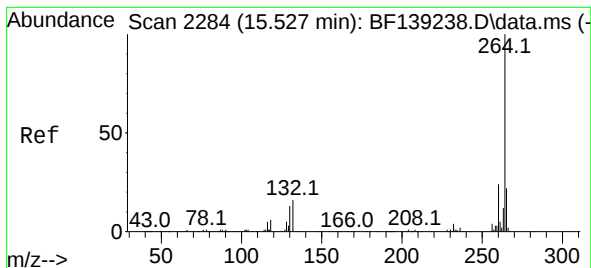
Tgt Ion:149 Resp: 342008  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 21.8 32.6  
 279 3.8 3.0 4.6



#85  
 Di-n-octyl phthalate  
 Concen: 46.916 ng  
 RT: 14.651 min Scan# 2135  
 Delta R.T. -0.000 min  
 Lab File: BF139244.D  
 Acq: 04 Sep 2024 17:18

Tgt Ion:149 Resp: 620405  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 13.5 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

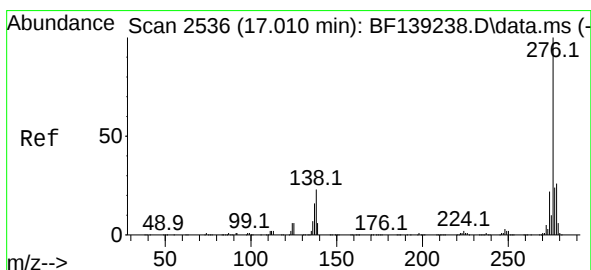
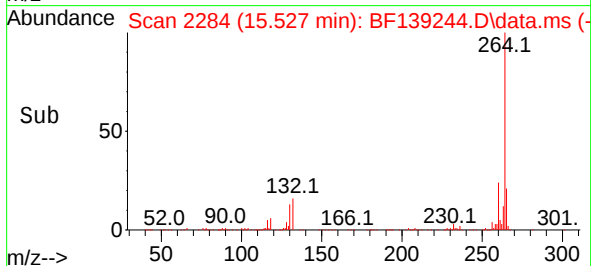
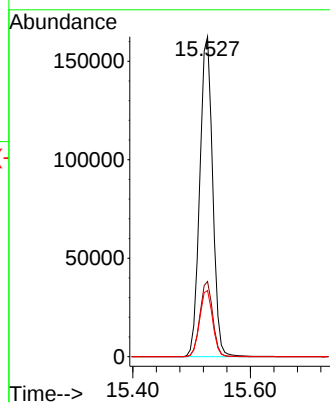
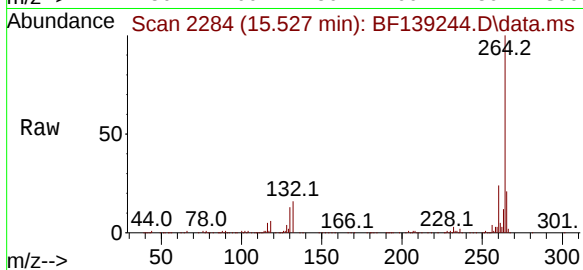
Tgt Ion:264 Resp: 247673

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 20.7 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.395 ng

RT: 17.009 min Scan# 2536

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

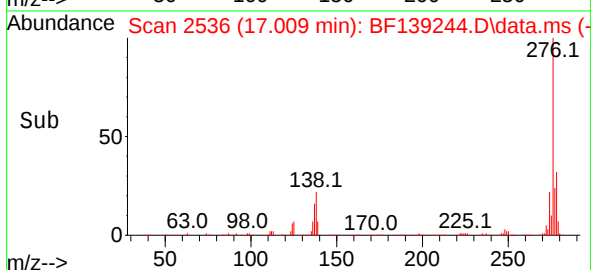
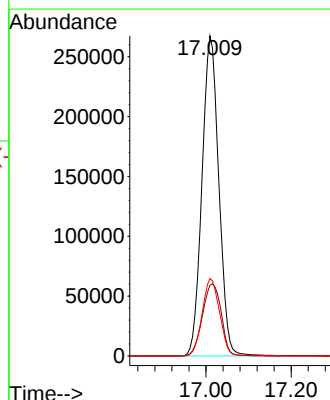
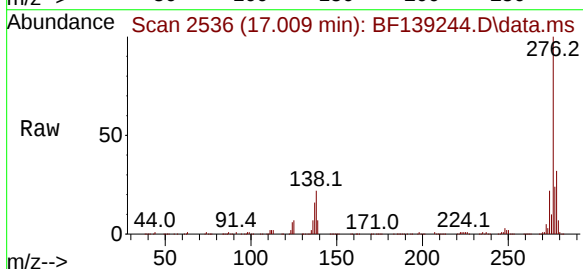
Tgt Ion:276 Resp: 733312

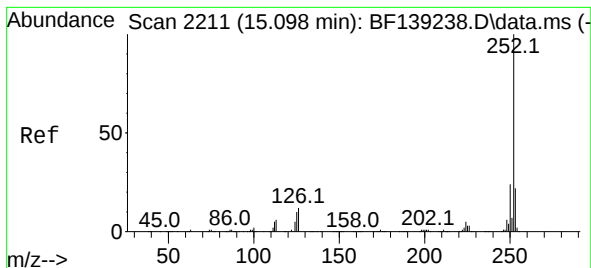
Ion Ratio Lower Upper

276 100

138 25.2 20.4 30.6

277 25.0 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 49.401 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

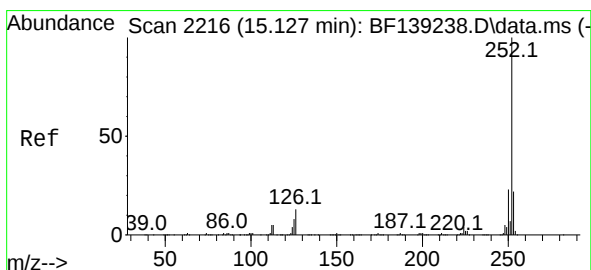
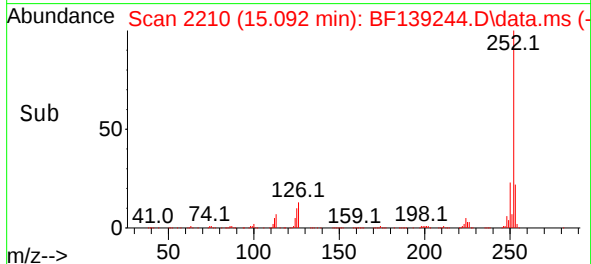
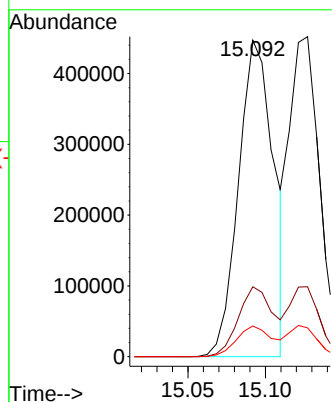
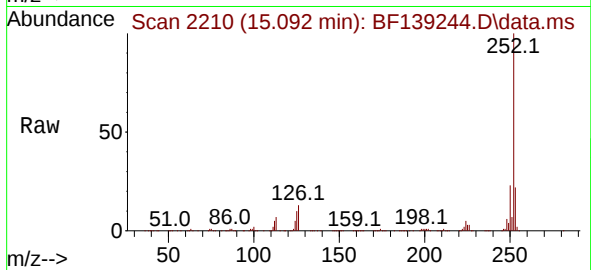
Tgt Ion:252 Resp: 704629

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.6 11.4



#89

Benzo(k)fluoranthene

Concen: 47.753 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

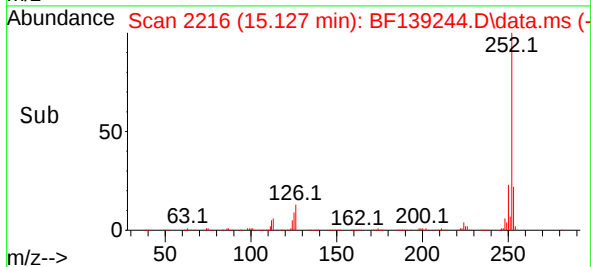
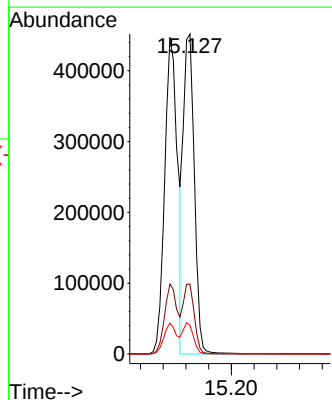
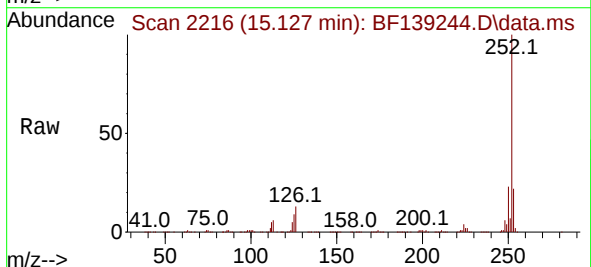
Tgt Ion:252 Resp: 610705

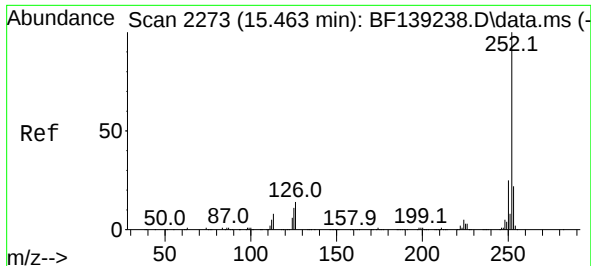
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.0 7.2 10.8





#90

Benzo(a)pyrene

Concen: 51.272 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

Instrument :

BNA\_F

ClientSampleId :

IDOC-01

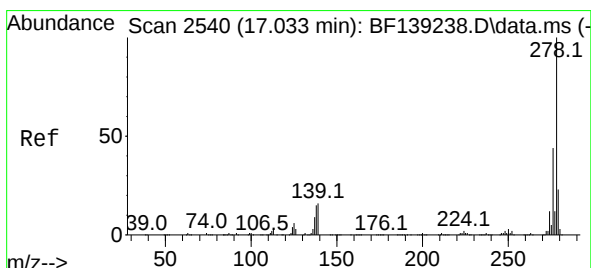
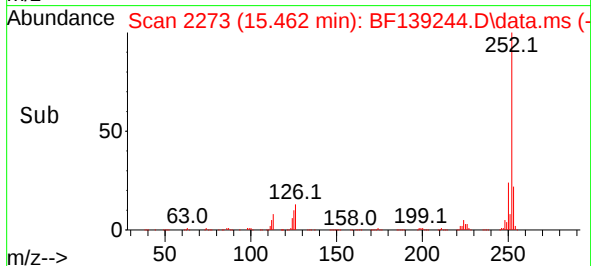
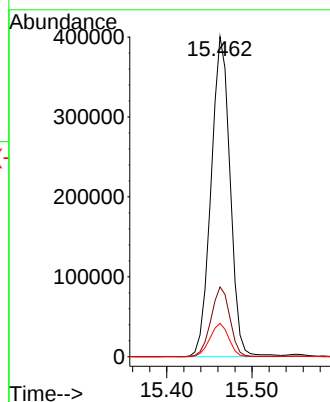
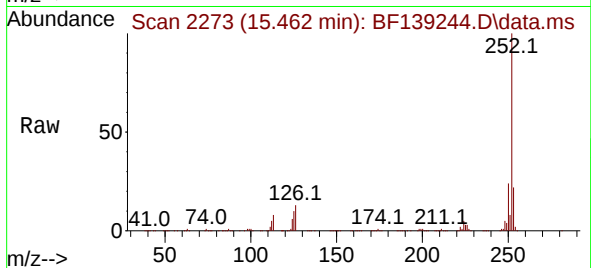
Tgt Ion:252 Resp: 620984

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.6 13.0



#91

Dibenzo(a,h)anthracene

Concen: 47.734 ng

RT: 17.033 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BF139244.D

Acq: 04 Sep 2024 17:18

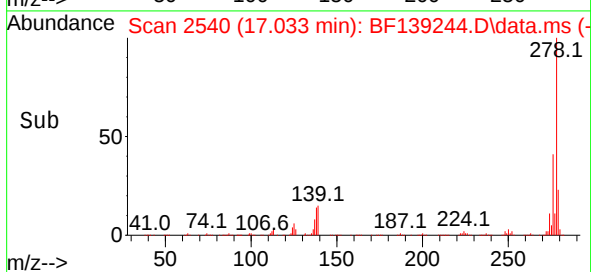
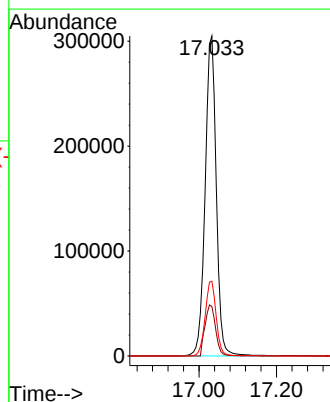
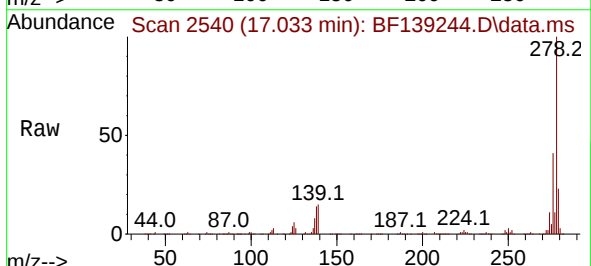
Tgt Ion:278 Resp: 608642

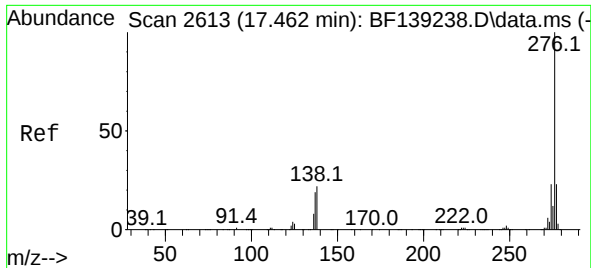
Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

279 23.3 18.6 28.0





#92  
 Benzo(g,h,i)perylene  
 Concen: 43.233 ng  
 RT: 17.456 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: BF139244.D  
 Acq: 04 Sep 2024 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01

Tgt Ion:276 Resp: 569017  
 Ion Ratio Lower Upper  
 276 100  
 277 23.8 18.6 27.8  
 138 22.4 17.4 26.0

