

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138801.D
 Acq On : 05 Aug 2024 23:40
 Operator : RC/JU
 Sample : P3362-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978MS

Quant Time: Aug 06 00:58:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	39843	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	142225	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	60768	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	98530	20.000	ng	0.00
76) Chrysene-d12	14.010	240	54741	20.000	ng	0.00
86) Perylene-d12	15.480	264	47689	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	292774	113.431	ng	0.02
7) Phenol-d6	6.492	99	369054	106.498	ng	0.00
23) Nitrobenzene-d5	7.416	82	228163	78.433	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	57860	116.238	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	363672	89.918	ng	0.00
79) Terphenyl-d14	12.951	244	332236	101.615	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	42557	37.661	ng	97
3) Pyridine	3.446	79	108067	39.478	ng	93
4) n-Nitrosodimethylamine	3.404	42	81287	49.859	ng	92
6) Aniline	6.510	93	48207	15.599	ng	# 1
8) 2-Chlorophenol	6.639	128	123543	45.494	ng	94
9) Benzaldehyde	6.398	77	7776	3.743	ng	97
10) Phenol	6.510	94	155851	42.715	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	121895	43.414	ng	99
12) 1,3-Dichlorobenzene	6.787	146	133279	43.845	ng	98
13) 1,4-Dichlorobenzene	6.863	146	140005	45.639	ng	99
14) 1,2-Dichlorobenzene	7.016	146	127338	44.416	ng	99
15) Benzyl Alcohol	6.992	79	111203	44.523	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	187702	38.845	ng	54
17) 2-Methylphenol	7.110	107	96410	42.994	ng	# 88
18) Hexachloroethane	7.351	117	45303	39.232	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	93575	44.708	ng	98
20) 3+4-Methylphenols	7.263	107	125961	43.781	ng	93
22) Acetophenone	7.257	105	165670	47.574	ng	96
24) Nitrobenzene	7.434	77	131821	44.532	ng	98
25) Isophorone	7.669	82	230066	46.317	ng	99
26) 2-Nitrophenol	7.745	139	56298	44.206	ng	94
27) 2,4-Dimethylphenol	7.786	122	76554	50.241	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	140488	46.444	ng	99
29) 2,4-Dichlorophenol	7.998	162	88103	44.996	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	102941	45.558	ng	99
31) Naphthalene	8.151	128	331401	44.268	ng	99
32) Benzoic acid	7.922	122	40186	33.550	ng	95
33) 4-Chloroaniline	8.210	127	29362	11.684	ng	99
34) Hexachlorobutadiene	8.263	225	65278	47.696	ng	99
35) Caprolactam	8.575	113	23375	40.009	ng	93
36) 4-Chloro-3-methylphenol	8.698	107	90663	40.516	ng	98
37) 2-Methylnaphthalene	8.839	142	198230	41.927	ng	97
38) 1-Methylnaphthalene	8.939	142	179081	38.653	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	84406	50.002	ng	99
41) Hexachlorocyclopentadiene	8.986	237	9729	26.844	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	52298	50.813	ng	98

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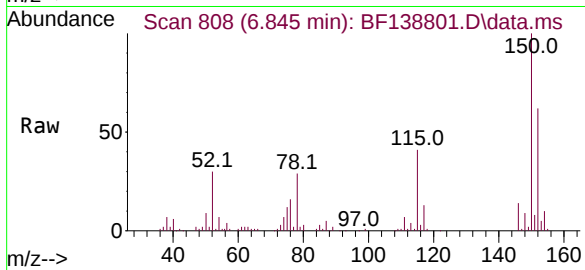
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	53252	47.328	ng	98
46) 1,1'-Biphenyl	9.304	154	223272	46.913	ng	99
47) 2-Chloronaphthalene	9.328	162	171078	48.332	ng	99
48) 2-Nitroaniline	9.433	65	58386	48.656	ng	98
49) Acenaphthylene	9.745	152	256281	51.050	ng	99
50) Dimethylphthalate	9.604	163	206803	53.223	ng	100
51) 2,6-Dinitrotoluene	9.675	165	39932	45.537	ng	98
52) Acenaphthene	9.916	154	159031	47.125	ng	99
53) 3-Nitroaniline	9.839	138	29736	32.802	ng	94
54) 2,4-Dinitrophenol	9.957	184	8333	20.643	ng	88
55) Dibenzofuran	10.086	168	231063	48.505	ng	99
56) 4-Nitrophenol	10.022	139	46819	85.885	ng	95
57) 2,4-Dinitrotoluene	10.080	165	50418	45.065	ng	# 90
58) Fluorene	10.433	166	182701	48.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	40628	47.230	ng	95
60) Diethylphthalate	10.304	149	192738	52.315	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	88503	47.436	ng	98
62) 4-Nitroaniline	10.457	138	37938	44.038	ng	93
63) Azobenzene	10.580	77	183558	44.922	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	7871	13.094	ng	95
66) n-Nitrosodiphenylamine	10.539	169	147395	47.858	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	49830	46.711	ng	98
68) Hexachlorobenzene	10.980	284	50101	45.486	ng	98
69) Atrazine	11.069	200	44163	55.579	ng	99
70) Pentachlorophenol	11.180	266	47265	95.202	ng	97
71) Phenanthrene	11.392	178	318859	62.848	ng	100
72) Anthracene	11.445	178	272595	54.540	ng	99
73) Carbazole	11.604	167	230336	53.416	ng	99
74) Di-n-butylphthalate	11.927	149	285336	58.862	ng	99
75) Fluoranthene	12.586	202	470958	99.433	ng	98
77) Benzidine	12.710	184	18132	13.849	ng	# 94
78) Pyrene	12.816	202	445405	86.419	ng	99
80) Butylbenzylphthalate	13.427	149	108191	65.552	ng	95
81) Benzo(a)anthracene	14.004	228	254356	67.476	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	39370	40.813	ng	98
83) Chrysene	14.039	228	218707	64.309	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	157516	65.175	ng	98
85) Di-n-octyl phthalate	14.592	149	227679	50.917	ng	97
87) Indeno(1,2,3-cd)pyrene	16.956	276	149820	43.838	ng	94
88) Benzo(b)fluoranthene	15.051	252	215283	72.823	ng	99
89) Benzo(k)fluoranthene	15.080	252	147730	57.717	ng	99
90) Benzo(a)pyrene	15.421	252	155395	62.492	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	111805	39.854	ng	99
92) Benzo(g,h,i)perylene	17.403	276	109159	37.497	ng	96

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

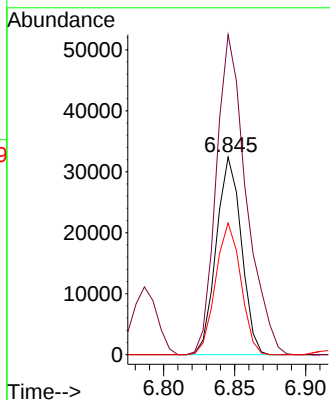
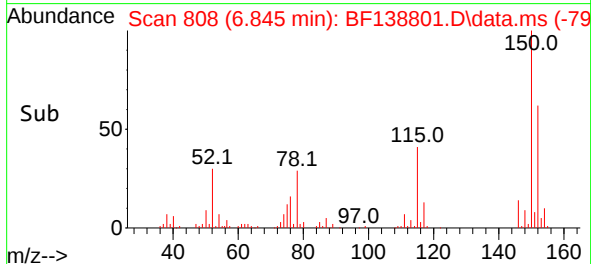


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138801.D
 Acq: 05 Aug 2024 23:40

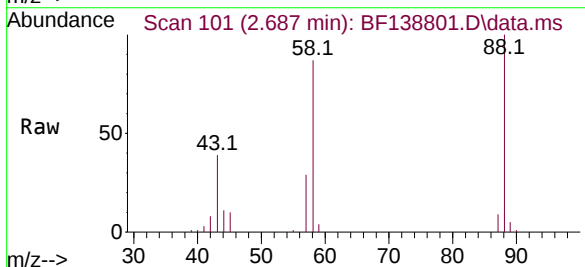
Instrument :
 BNA_F
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 72-11978MS



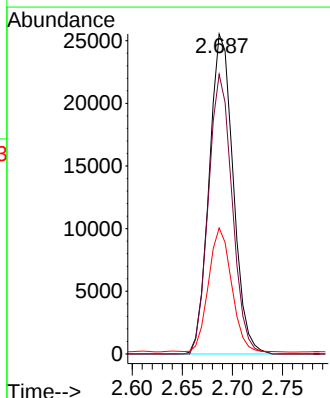
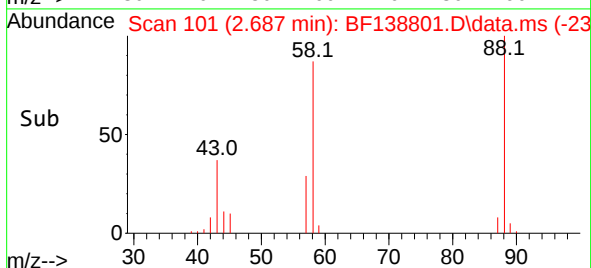
Tgt Ion:152 Resp: 39843
 Ion Ratio Lower Upper
 152 100
 150 162.0 126.0 189.0
 115 66.7 51.7 77.5

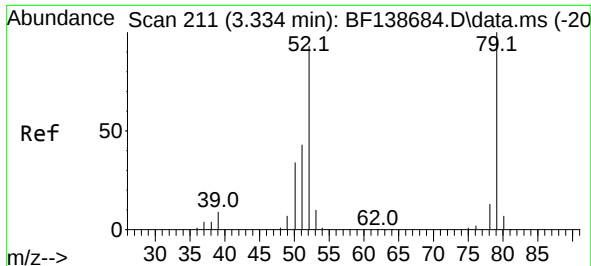


#2
 1,4-Dioxane
 Concen: 37.661 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.112 min
 Lab File: BF138801.D
 Acq: 05 Aug 2024 23:40



Tgt Ion: 88 Resp: 42557
 Ion Ratio Lower Upper
 88 100
 58 86.3 71.6 107.4
 43 37.3 28.7 43.1





#3

Pyridine

Concen: 39.478 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

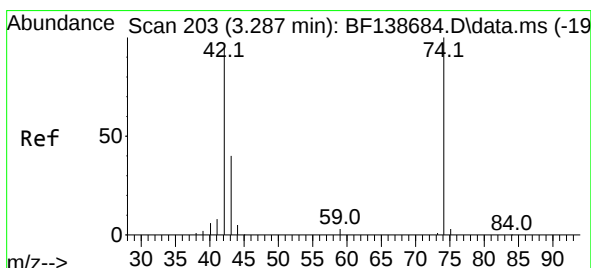
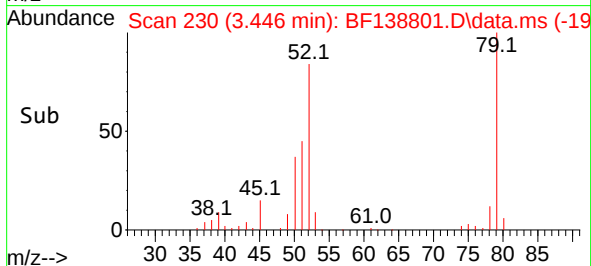
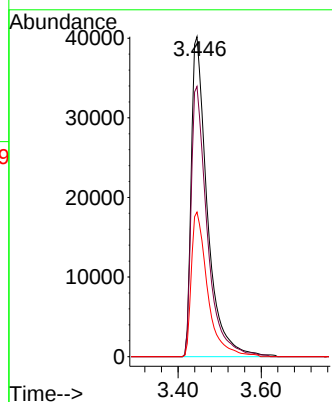
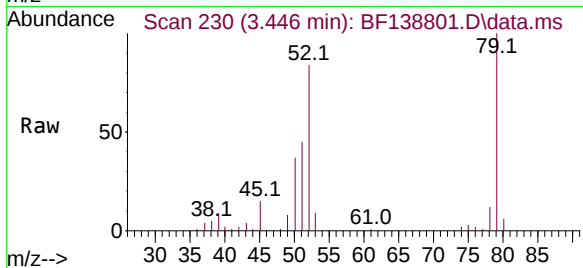
Tgt Ion: 79 Resp: 108067

Ion Ratio Lower Upper

79 100

52 84.5 74.7 112.1

51 45.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 49.859 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.118 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

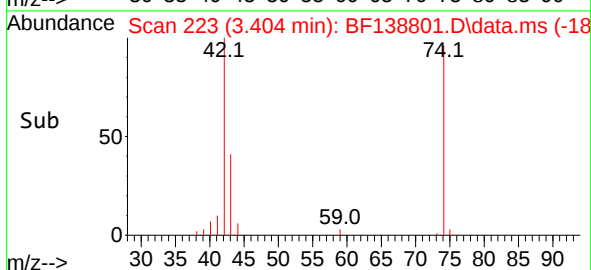
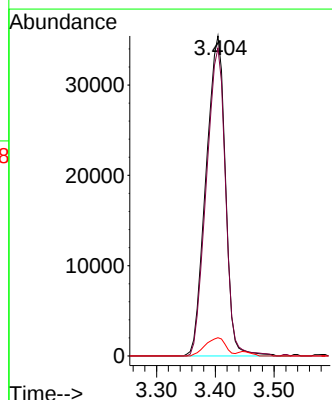
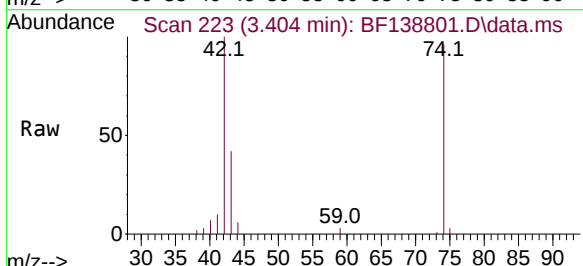
Tgt Ion: 42 Resp: 81287

Ion Ratio Lower Upper

42 100

74 96.2 84.2 126.4

44 5.7 4.9 7.3

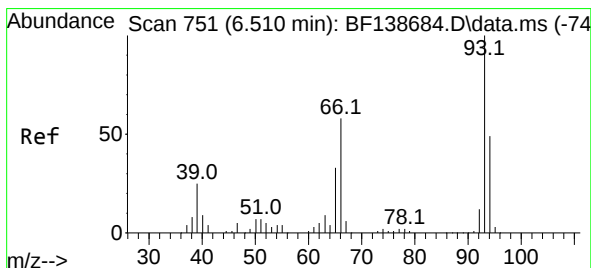
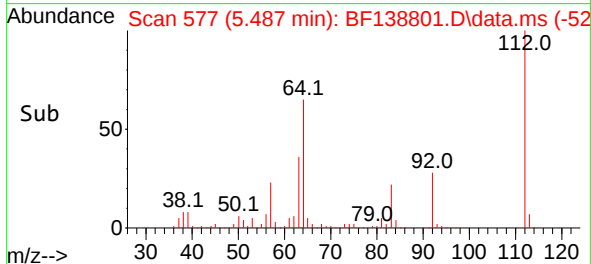
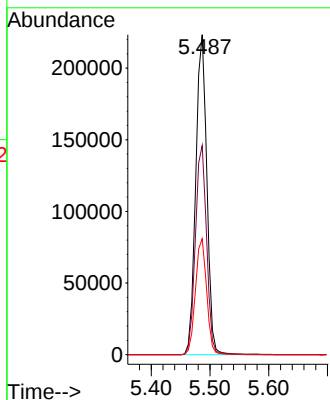
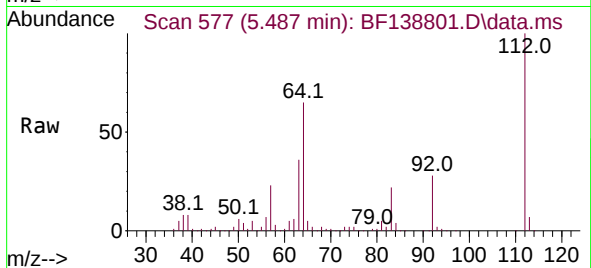




#5
2-Fluorophenol
Concen: 113.431 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

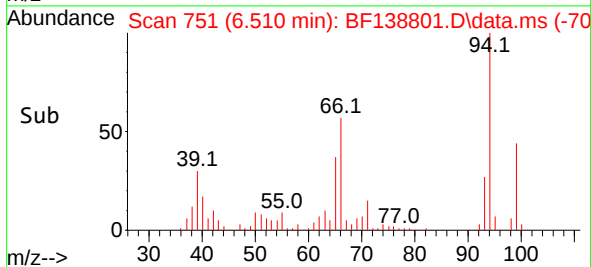
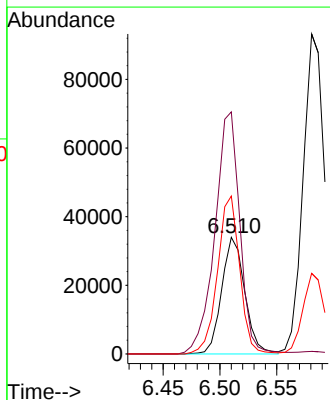
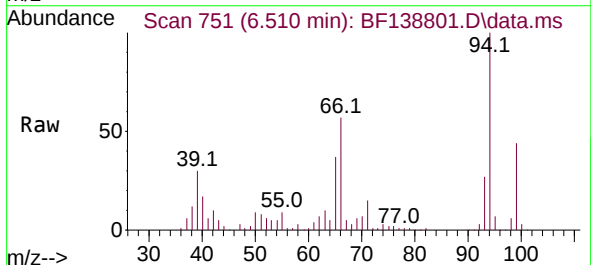
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:112 Resp: 292774
Ion Ratio Lower Upper
112 100
64 65.3 54.2 81.4
63 36.3 28.7 43.1



#6
Aniline
Concen: 15.599 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 93 Resp: 48207
Ion Ratio Lower Upper
93 100
66 207.7 46.9 70.3#
65 135.5 26.5 39.7#





#7

Phenol-d6

Concen: 106.498 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

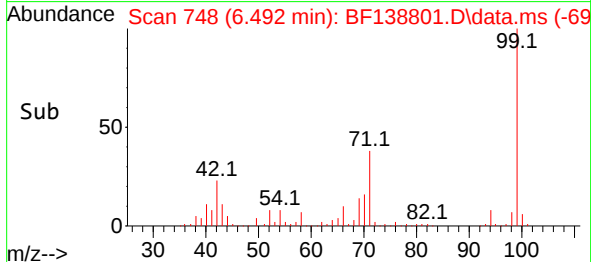
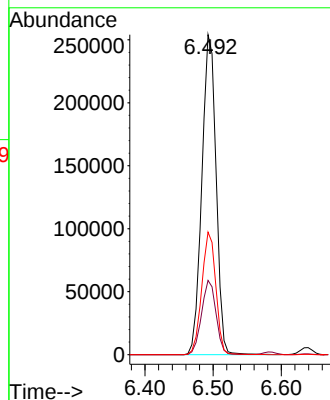
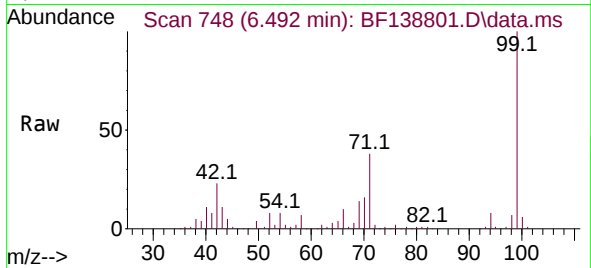
Tgt Ion: 99 Resp: 369054

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

71 38.3 28.1 42.1



#8

2-Chlorophenol

Concen: 45.494 ng

RT: 6.639 min Scan# 773

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

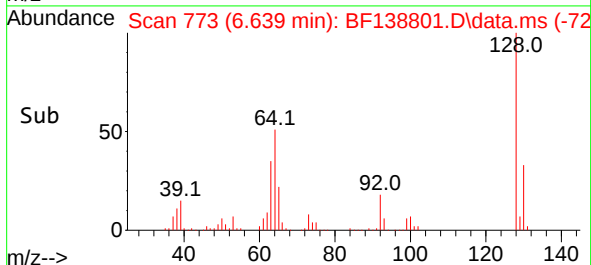
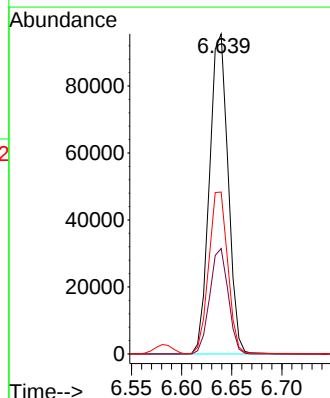
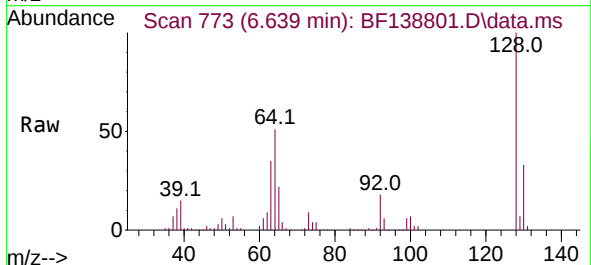
Tgt Ion:128 Resp: 123543

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 50.6 36.3 76.3





#9

Benzaldehyde

Concen: 3.743 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138801.D

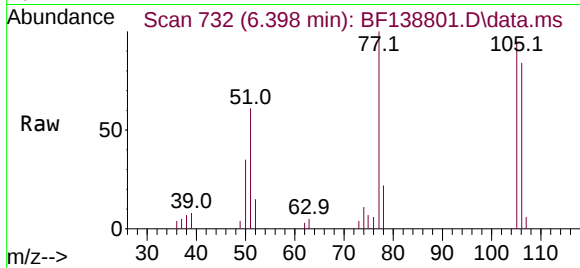
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Instrument :

BNA_F

ClientSampleId :

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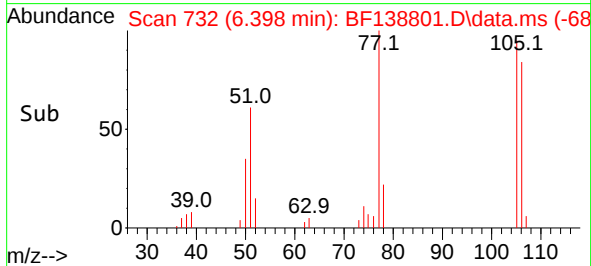
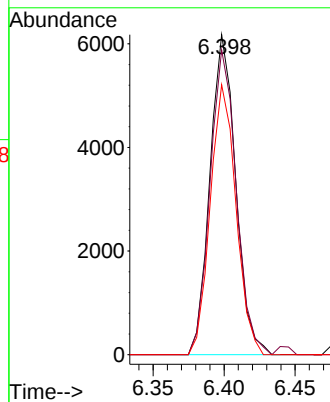
Tgt Ion: 77 Resp: 7776

Ion Ratio Lower Upper

77 100

105 95.2 72.9 112.9

106 84.3 68.4 108.4



#10

Phenol

Concen: 42.715 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

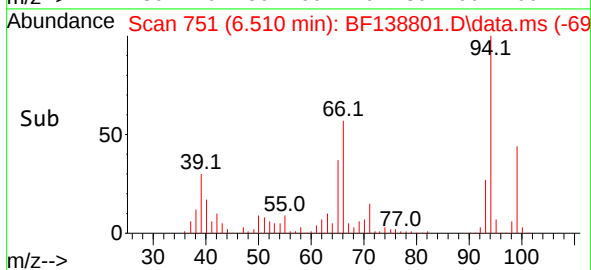
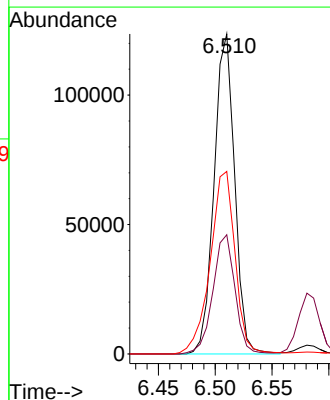
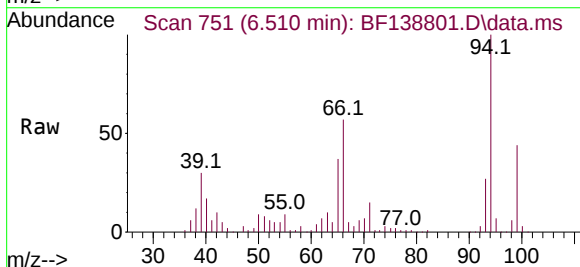
Tgt Ion: 94 Resp: 155851

Ion Ratio Lower Upper

94 100

65 37.2 16.9 56.9

66 57.1 36.5 76.5

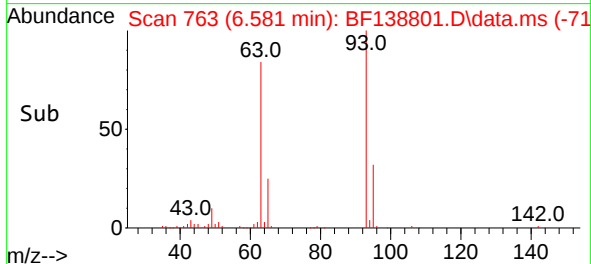
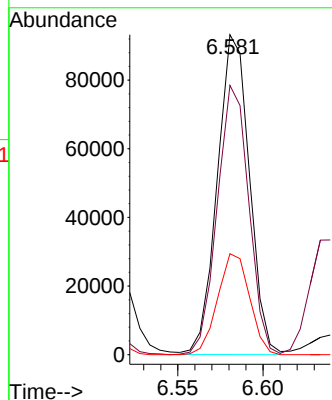
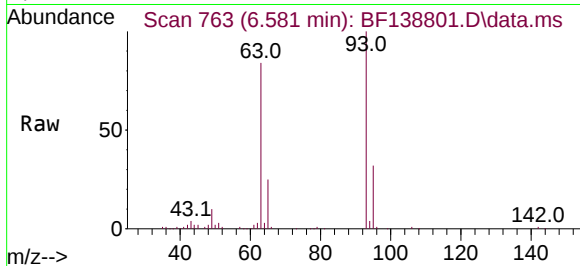




#11
bis(2-Chloroethyl)ether
Concen: 43.414 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

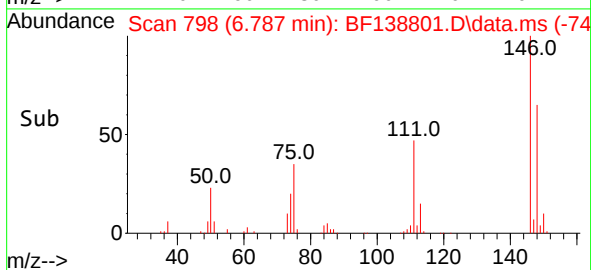
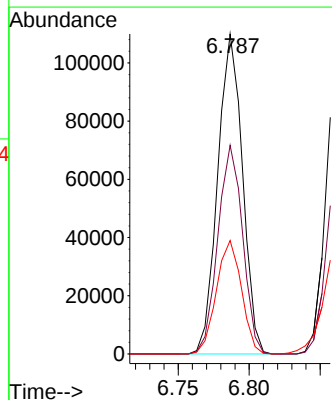
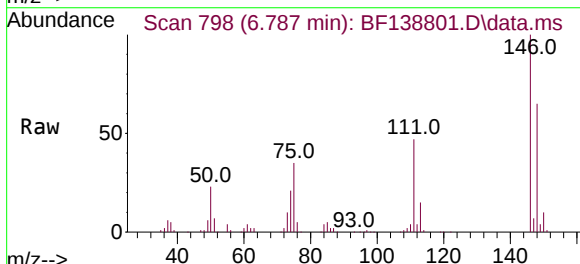
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 93 Resp: 121895
Ion Ratio Lower Upper
93 100
63 84.2 65.3 105.3
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.845 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 146 Resp: 133279
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 35.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.639 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF138801.D

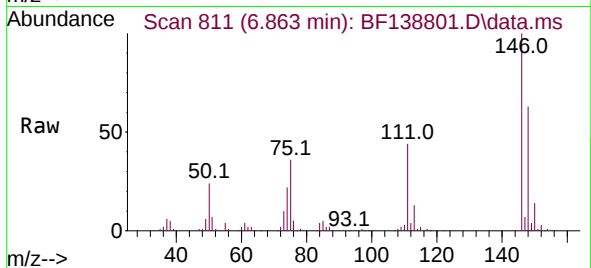
Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS



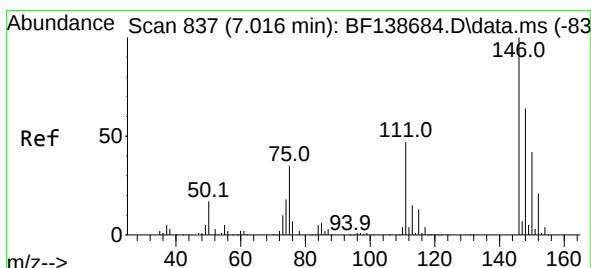
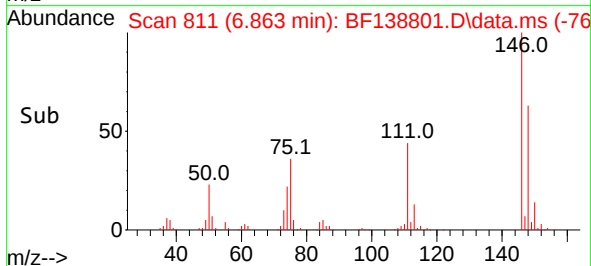
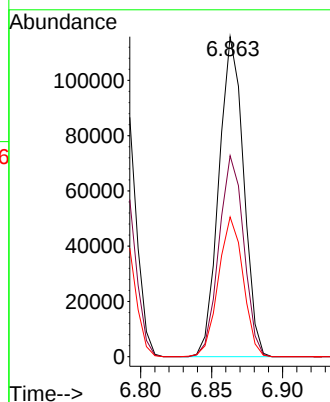
Tgt Ion:146 Resp: 140005

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.416 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

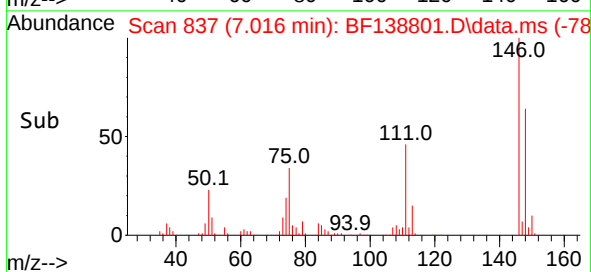
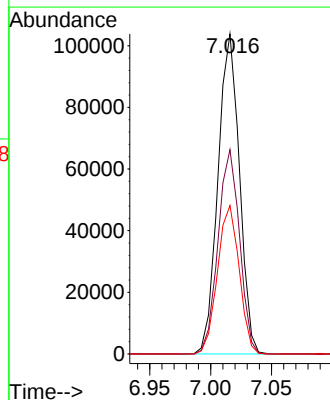
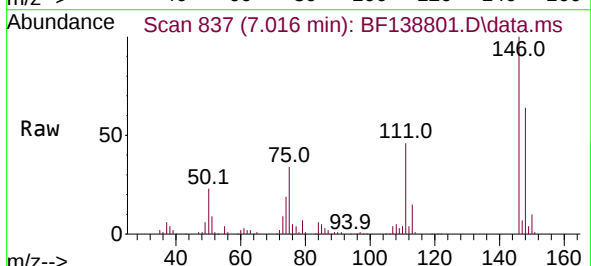
Tgt Ion:146 Resp: 127338

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 46.4 37.4 56.2

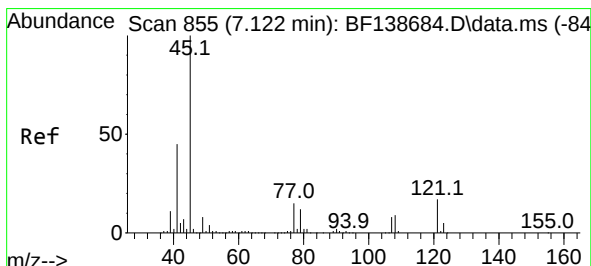
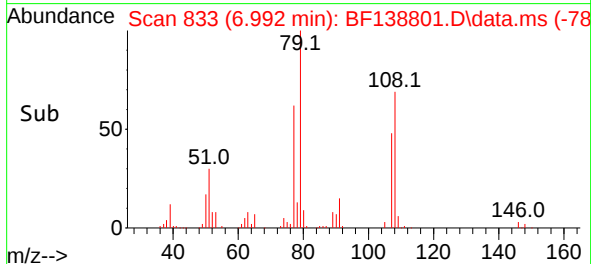
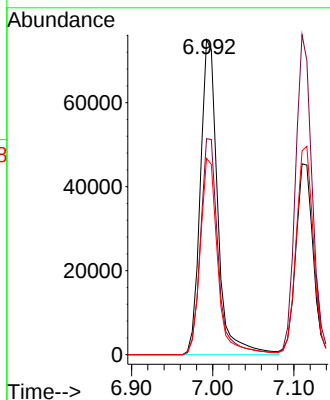
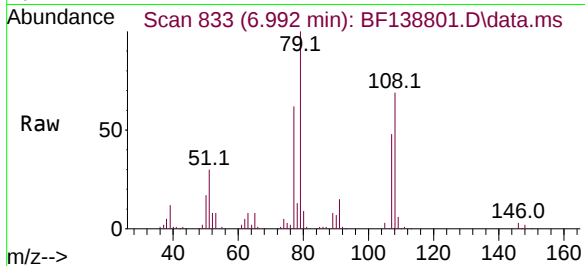




#15
Benzyl Alcohol
Concen: 44.523 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

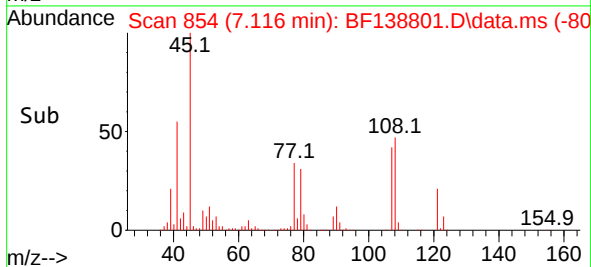
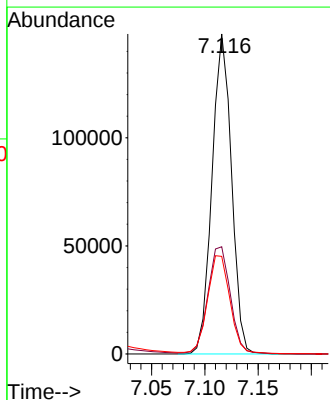
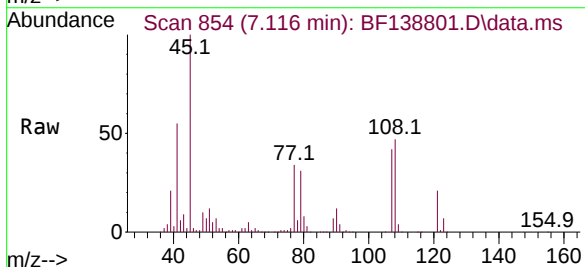
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 79 Resp: 111203
Ion Ratio Lower Upper
79 100
108 68.6 56.6 85.0
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.845 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 45 Resp: 187702
Ion Ratio Lower Upper
45 100
77 33.5 0.0 34.9
79 30.5 0.0 32.2

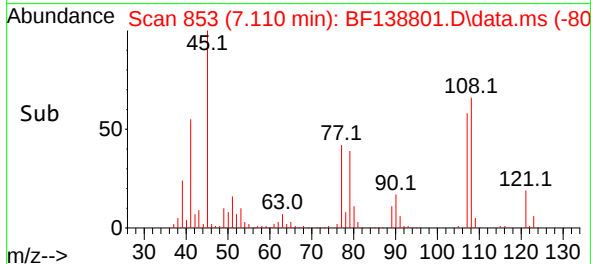
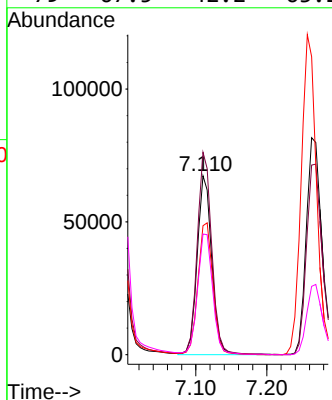
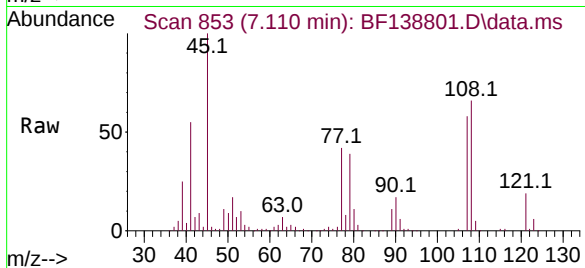




#17
2-Methylphenol
Concen: 42.994 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

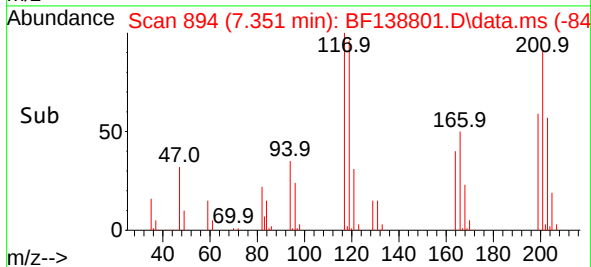
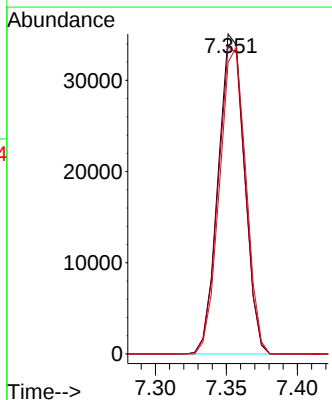
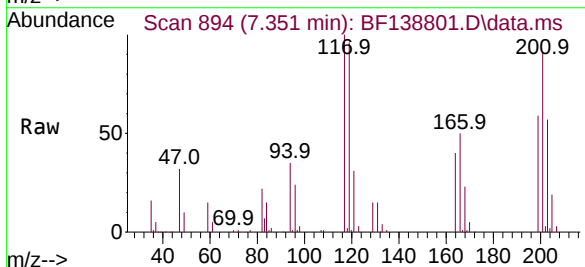
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:107 Resp: 96410
Ion Ratio Lower Upper
107 100
108 113.2 89.2 133.8
77 72.1 43.0 64.4#
79 67.5 42.2 63.2#



#18
Hexachloroethane
Concen: 39.232 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:117 Resp: 45303
Ion Ratio Lower Upper
117 100
119 96.0 74.6 111.8
201 91.2 77.2 115.8



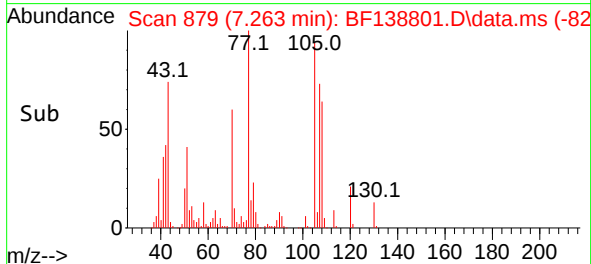
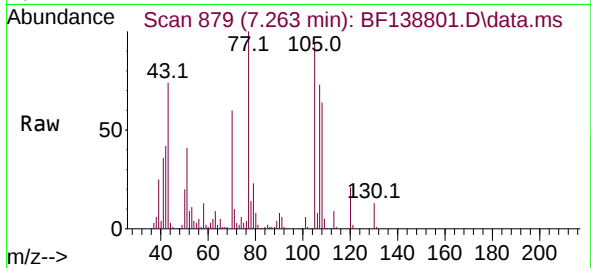
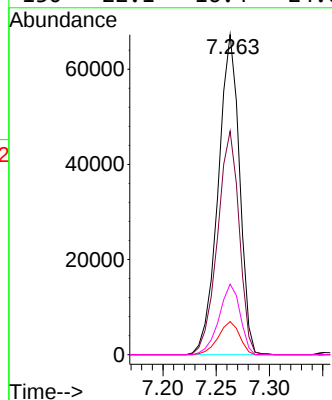


#19
n-Nitroso-di-n-propylamine
Concen: 44.708 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 70 Resp: 93575

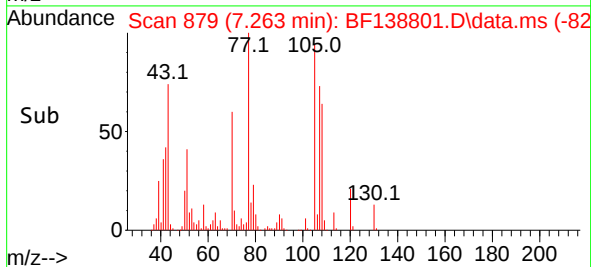
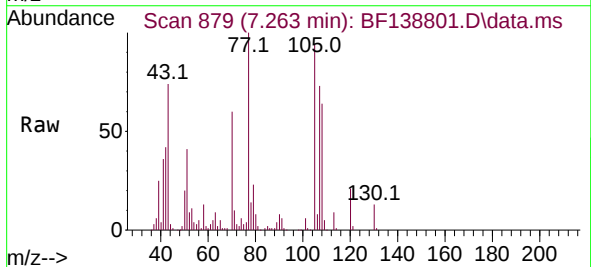
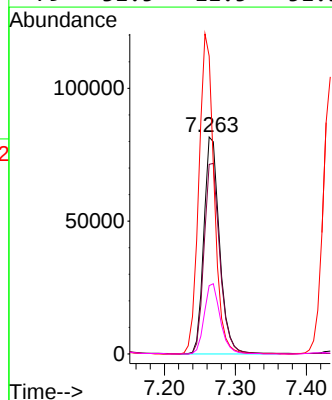
Ion	Ratio	Lower	Upper
70	100		
42	69.8	57.4	86.0
101	10.3	7.5	11.3
130	22.1	16.4	24.6

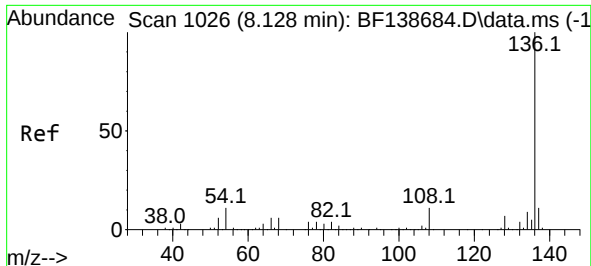


#20
3+4-Methylphenols
Concen: 43.781 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 107 Resp: 125961

Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	137.3	132.1	172.1
79	31.5	11.5	51.5

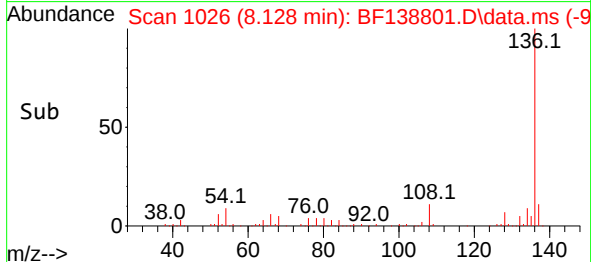
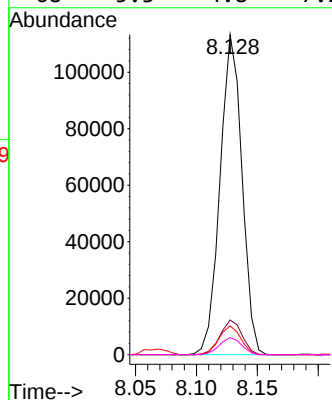
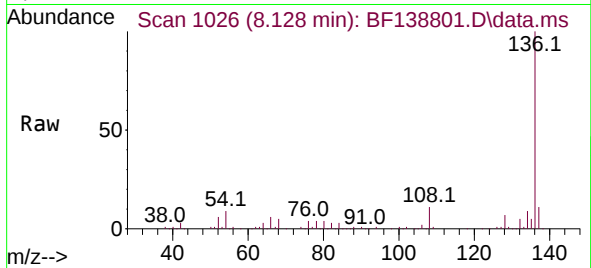




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

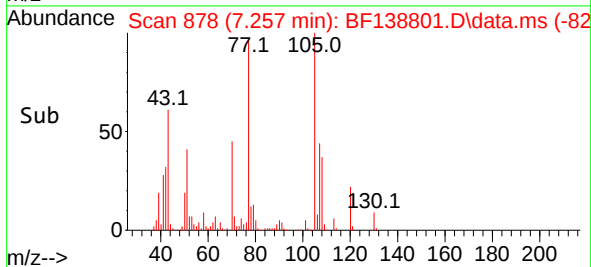
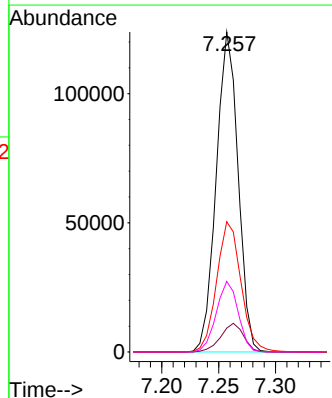
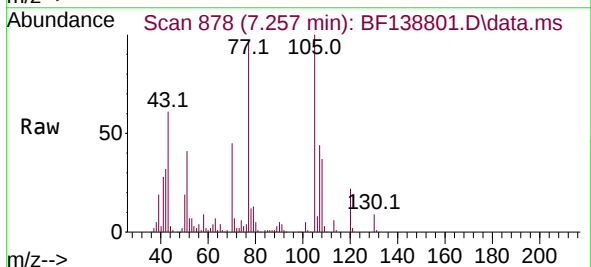
Instrument :
BNA_F
ClientSampleId :
72-11978MS

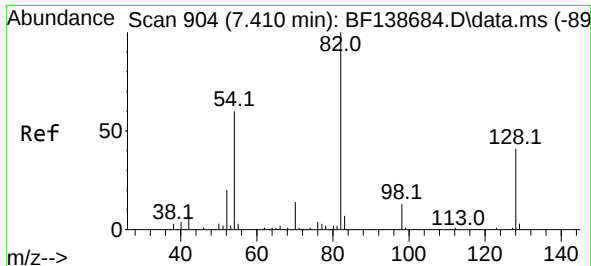
Tgt Ion:136	Resp:	142225
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	9.0	8.6 12.8
68	5.3	4.8 7.2



#22
Acetophenone
Concen: 47.574 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:105	Resp:	165670
Ion	Ratio	Lower Upper
105	100	
71	7.4	7.2 10.8
51	40.7	35.9 53.9
120	22.1	17.6 26.4





#23

Nitrobenzene-d5

Concen: 78.433 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

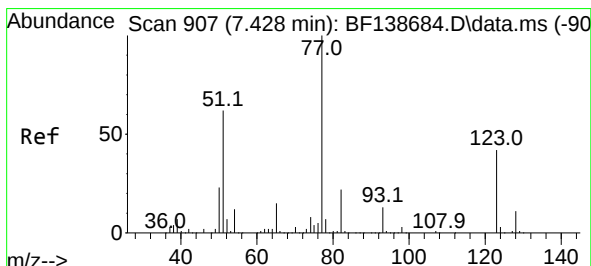
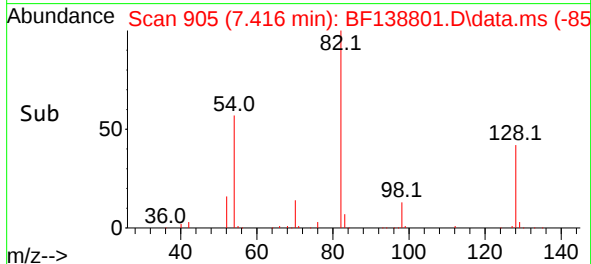
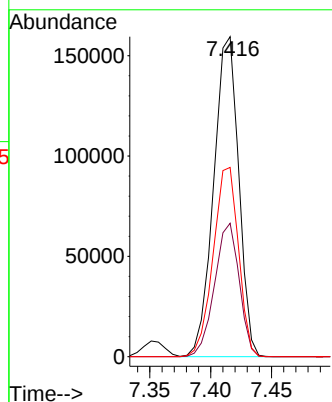
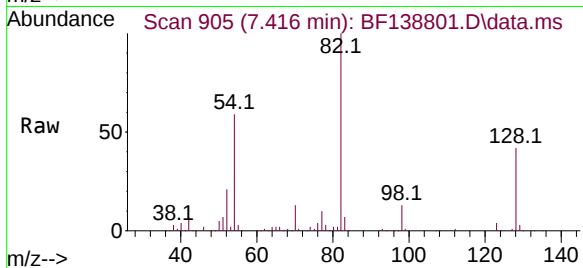
Tgt Ion: 82 Resp: 228163

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 59.2 48.3 72.5



#24

Nitrobenzene

Concen: 44.532 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

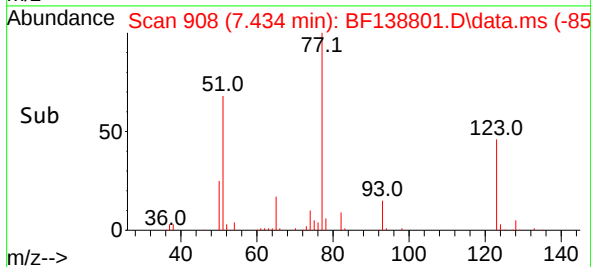
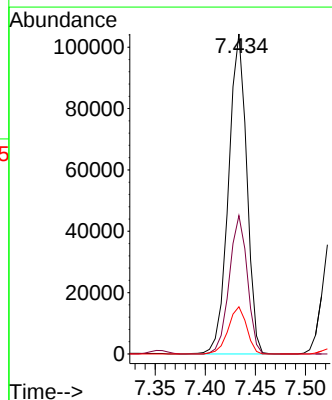
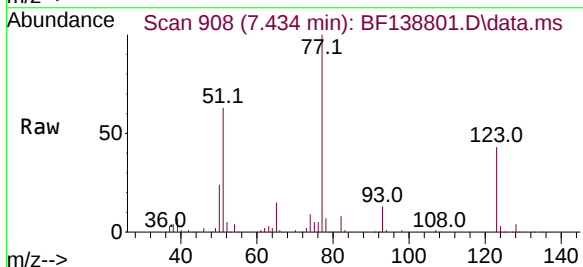
Tgt Ion: 77 Resp: 131821

Ion Ratio Lower Upper

77 100

123 43.3 33.3 49.9

65 14.7 11.9 17.9

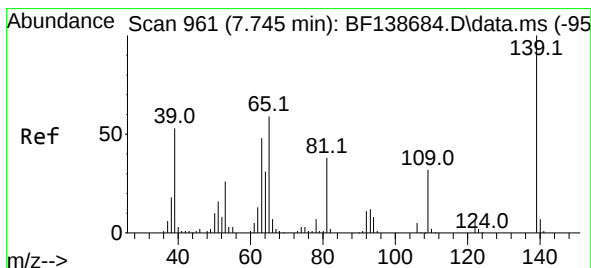
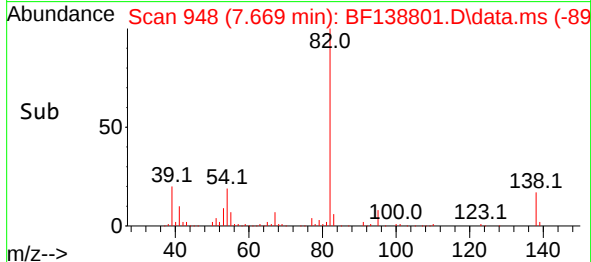
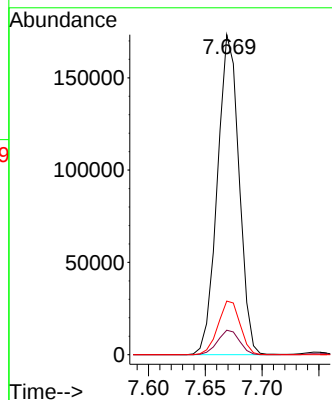
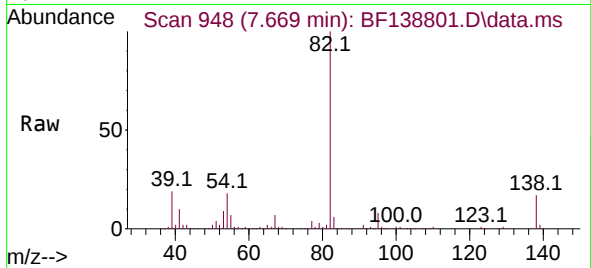




#25
Isophorone
Concen: 46.317 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

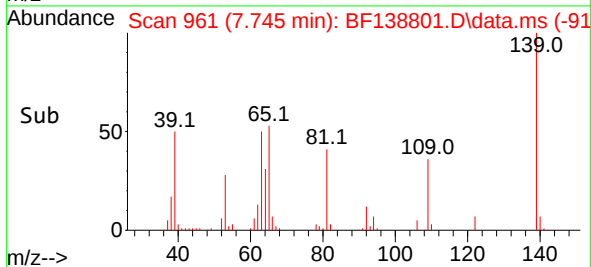
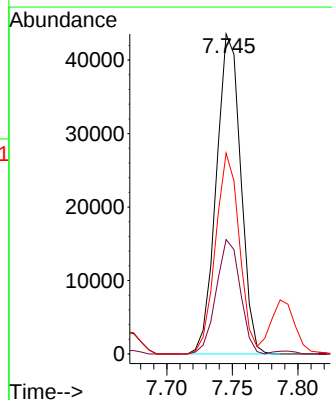
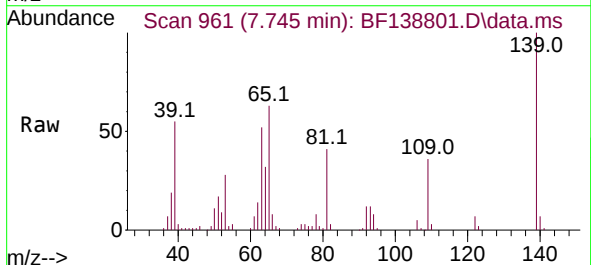
Instrument :
BNA_F
ClientSampleId :
72-11978MS

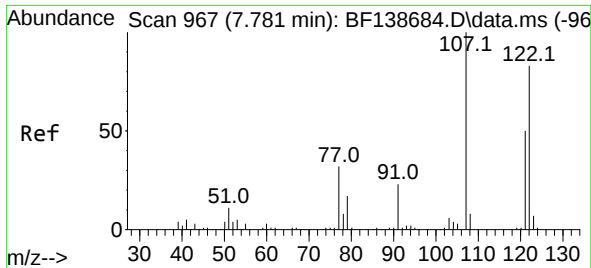
Tgt Ion: 82 Resp: 230066
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 44.206 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:139 Resp: 56298
Ion Ratio Lower Upper
139 100
109 35.8 25.9 38.9
65 62.8 47.0 70.6

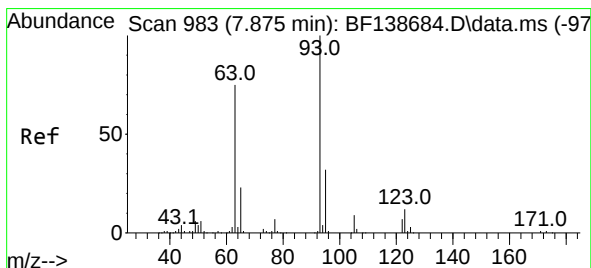
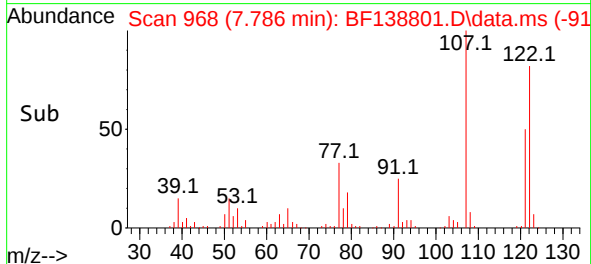
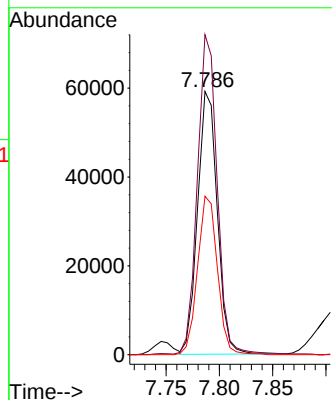
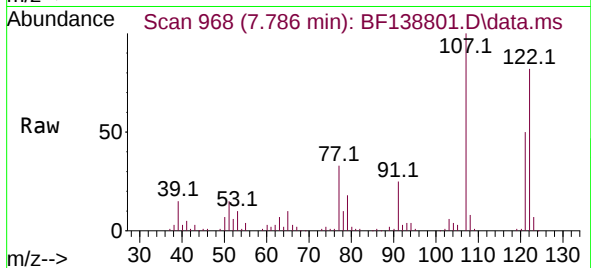




#27
2,4-Dimethylphenol
Concen: 50.241 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

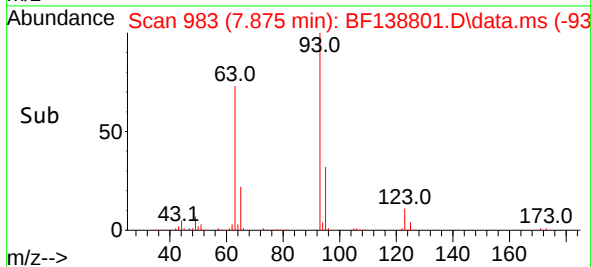
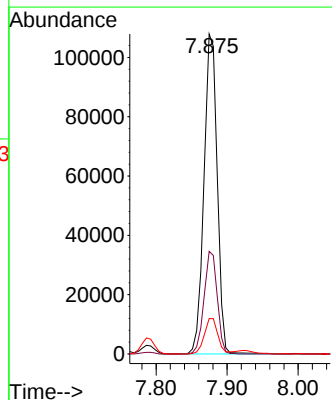
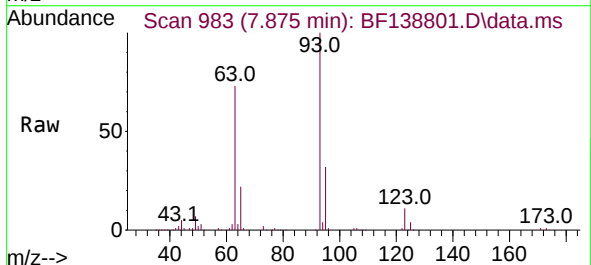
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:122 Resp: 76554
Ion Ratio Lower Upper
122 100
107 121.6 95.0 142.6
121 60.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.444 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 93 Resp: 140488
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.996 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

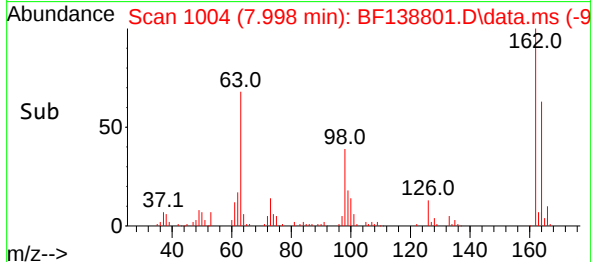
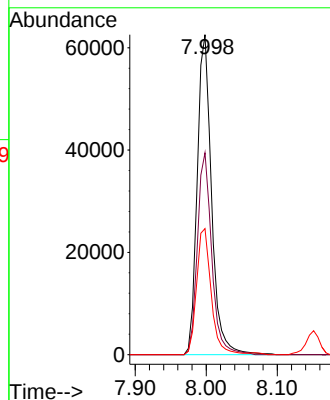
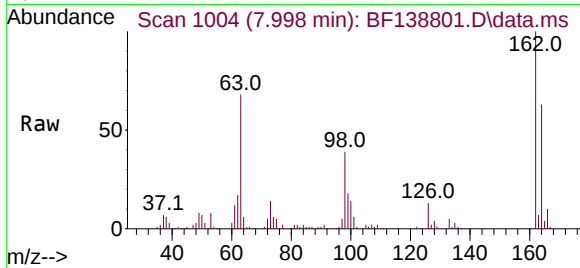
Tgt Ion:162 Resp: 88103

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 39.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.558 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

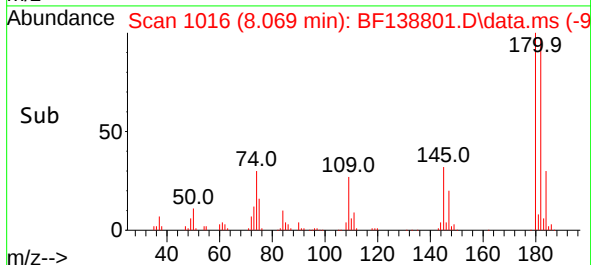
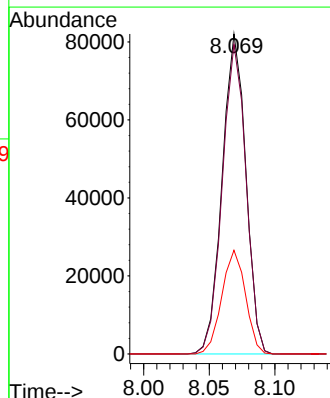
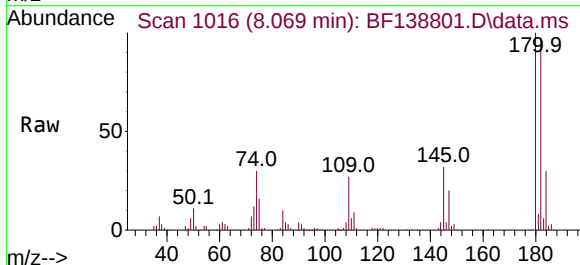
Tgt Ion:180 Resp: 102941

Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 32.4 25.0 37.4

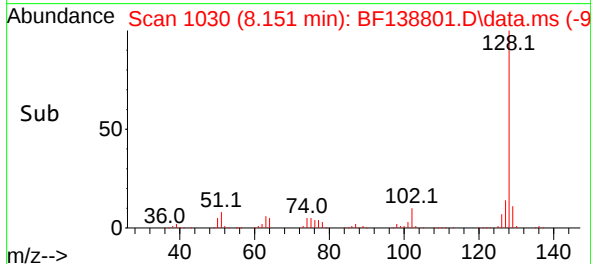
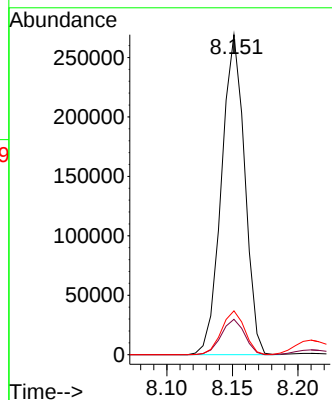
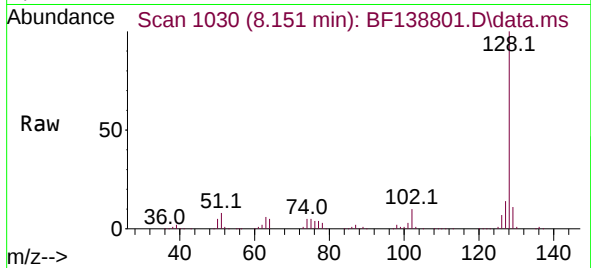




#31
Naphthalene
Concen: 44.268 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

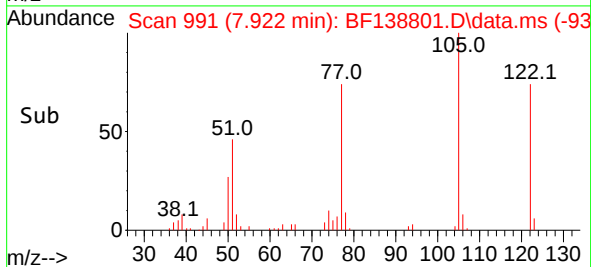
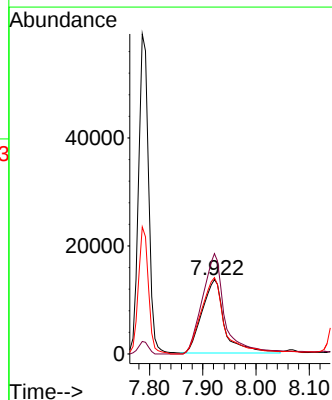
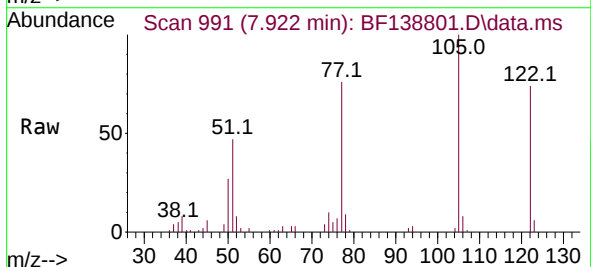
Instrument :
BNA_F
ClientSampleId :
72-11978MS

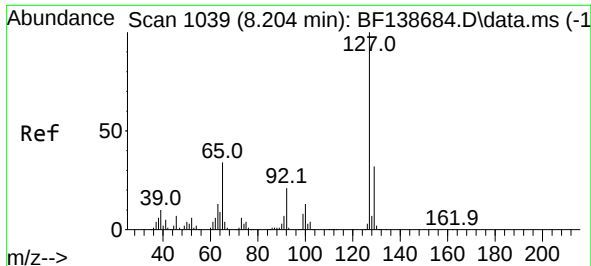
Tgt Ion:128 Resp: 331401
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 33.550 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:122 Resp: 40186
Ion Ratio Lower Upper
122 100
105 134.8 106.7 146.7
77 102.7 81.1 121.1





#33

4-Chloroaniline

Concen: 11.684 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

Tgt Ion:127 Resp: 29362

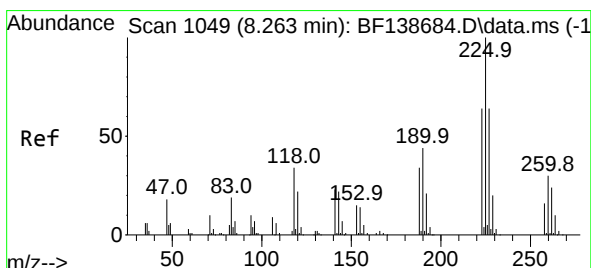
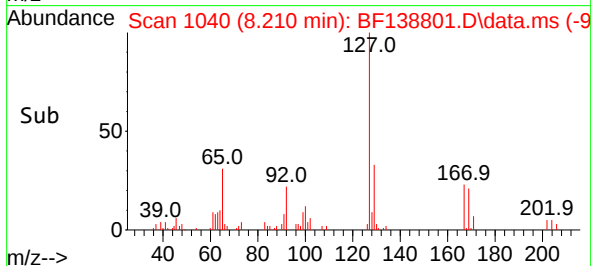
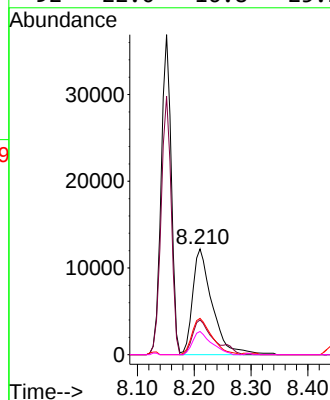
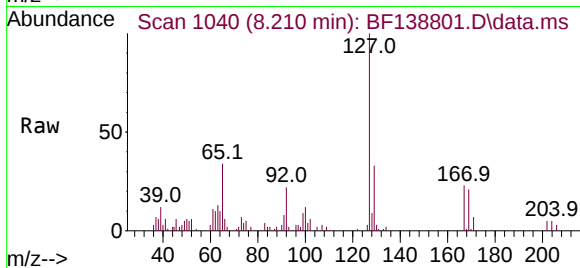
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 34.3 27.6 41.4

92 22.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 47.696 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

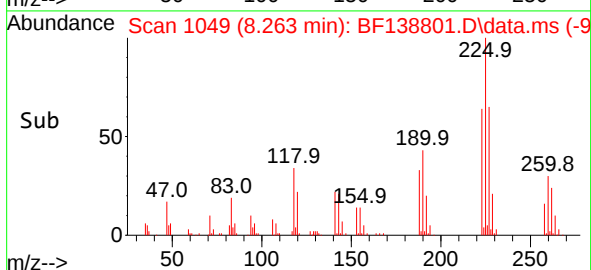
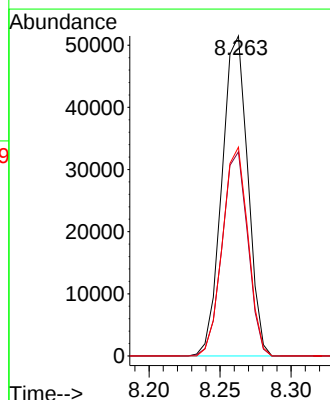
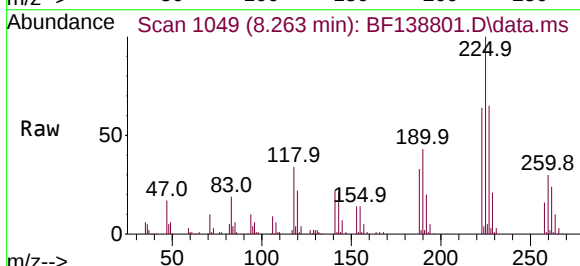
Tgt Ion:225 Resp: 65278

Ion Ratio Lower Upper

225 100

223 63.8 51.2 76.8

227 65.3 51.1 76.7

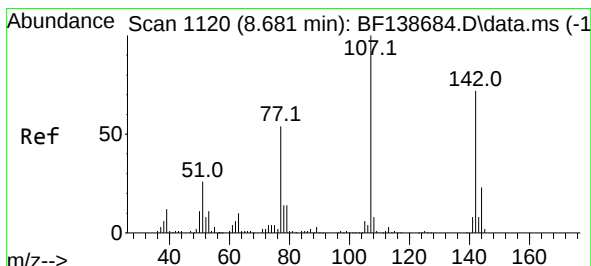
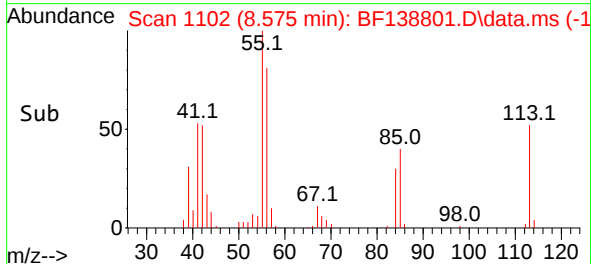
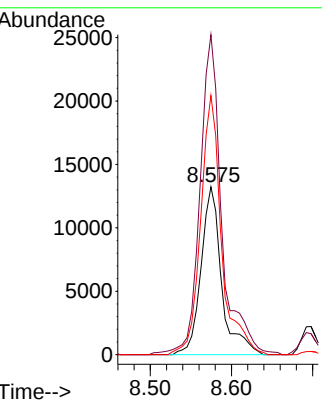
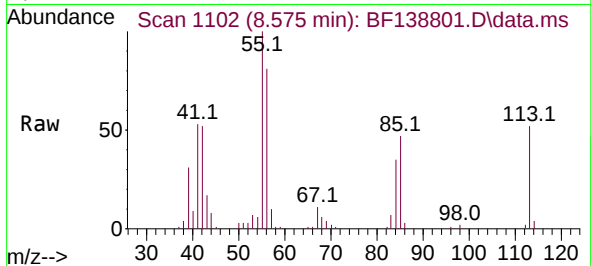




#35
 Caprolactam
 Concen: 40.009 ng
 RT: 8.575 min Scan# 1101
 Delta R.T. 0.006 min
 Lab File: BF138801.D
 Acq: 05 Aug 2024 23:40

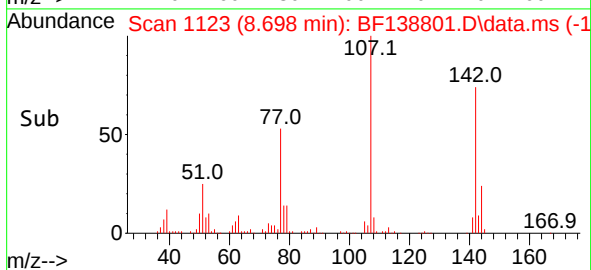
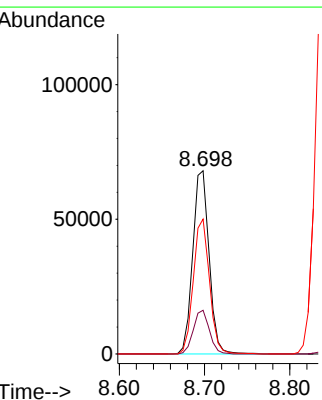
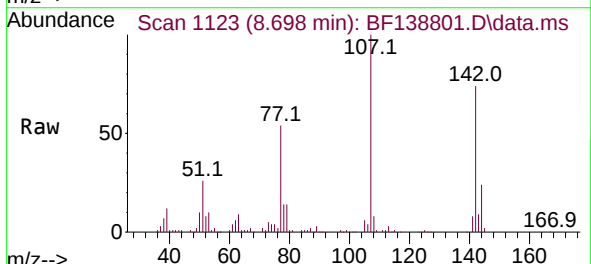
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MS

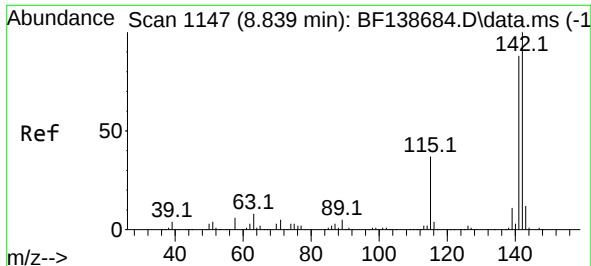
Tgt Ion:113 Resp: 23375
 Ion Ratio Lower Upper
 113 100
 55 190.7 186.7 226.7
 56 154.4 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.516 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. 0.018 min
 Lab File: BF138801.D
 Acq: 05 Aug 2024 23:40

Tgt Ion:107 Resp: 90663
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.2
 142 73.7 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.927 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

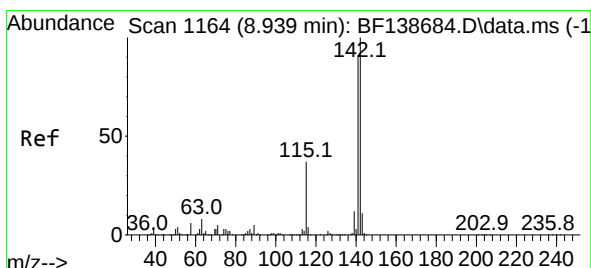
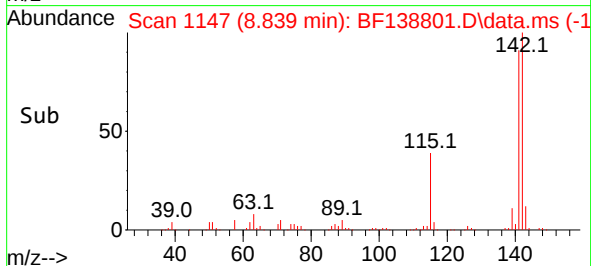
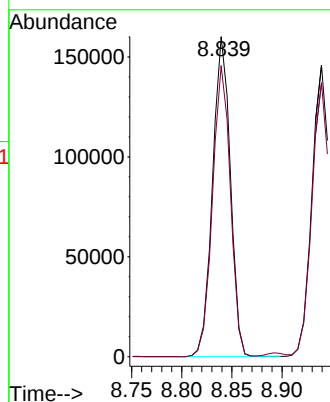
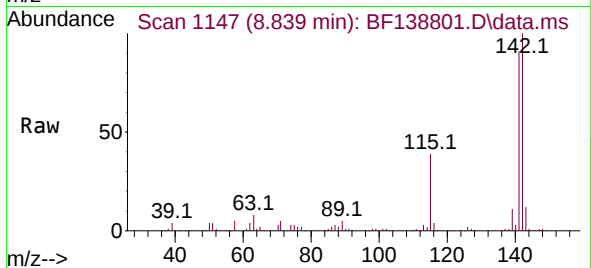
72-11978MS

Tgt Ion:142 Resp: 198230

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.653 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF138801.D

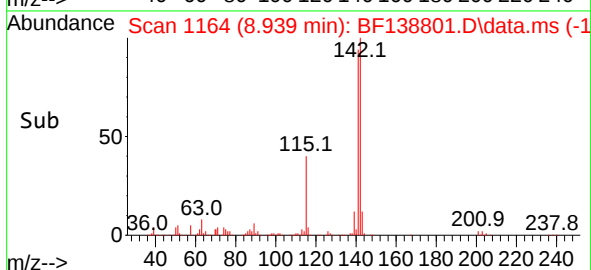
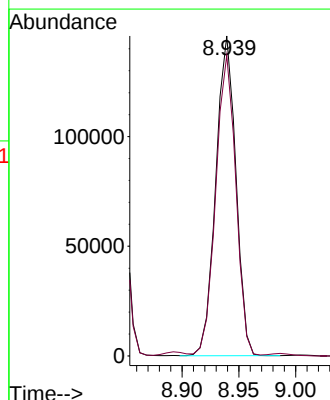
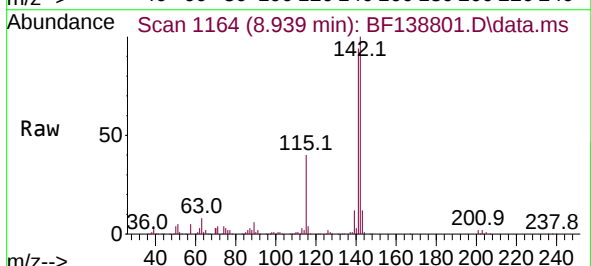
Acq: 05 Aug 2024 23:40

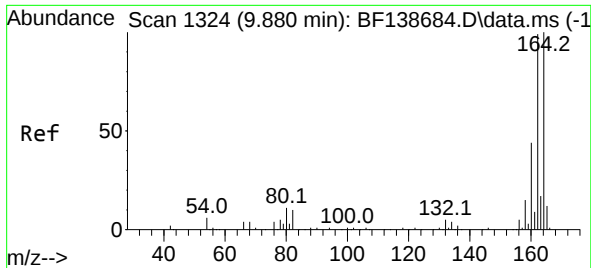
Tgt Ion:142 Resp: 179081

Ion Ratio Lower Upper

142 100

141 94.0 73.1 109.7

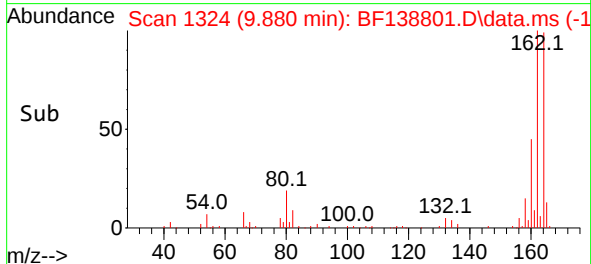
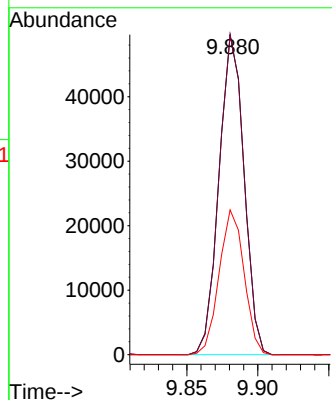
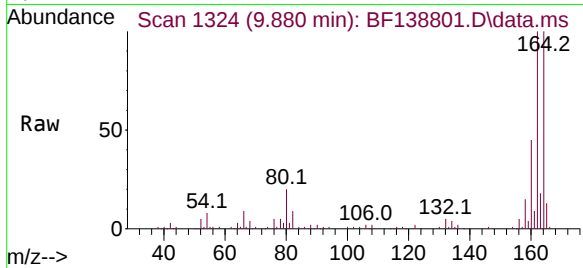




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

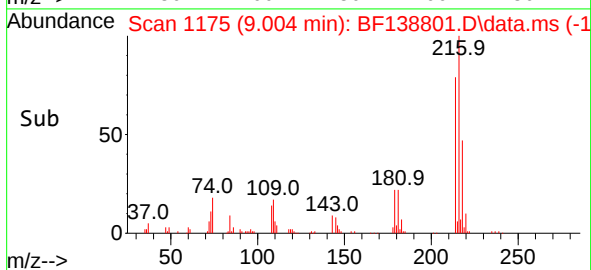
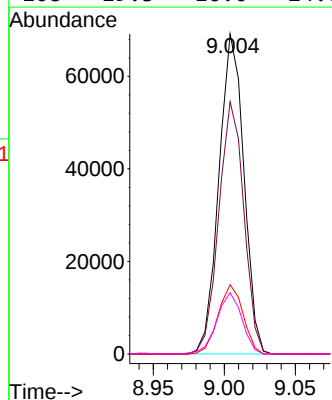
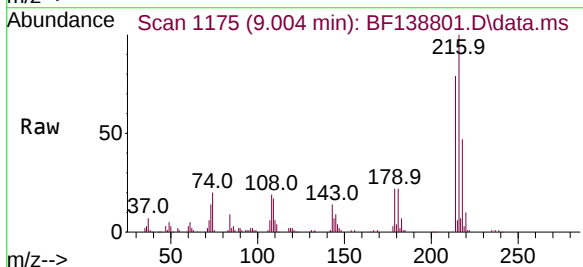
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:164 Resp: 60768
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 45.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.002 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:216 Resp: 84406
Ion Ratio Lower Upper
216 100
214 79.0 63.9 95.9
179 21.6 17.8 26.6
108 19.3 16.0 24.0

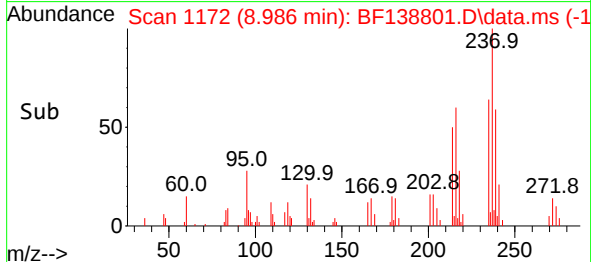
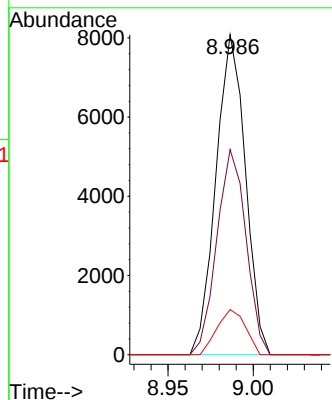
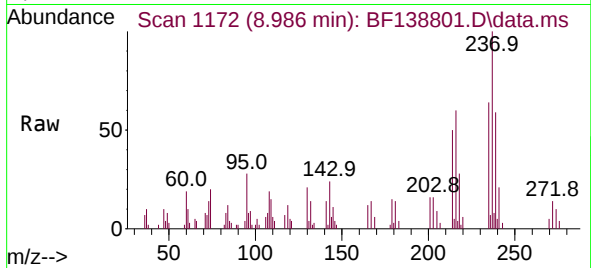




#41
Hexachlorocyclopentadiene
Concen: 26.844 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

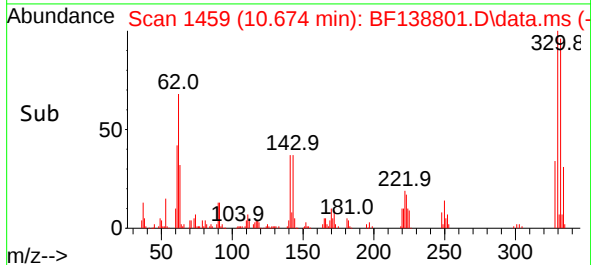
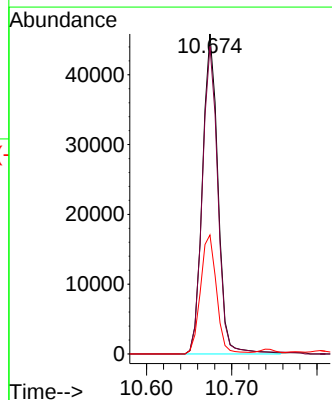
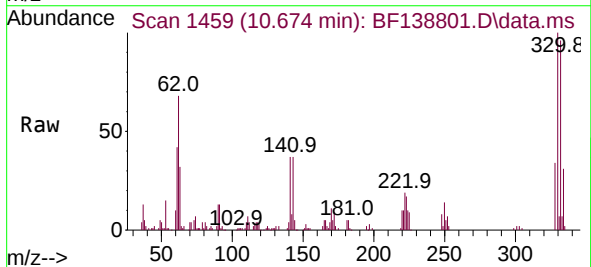
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:	237	Resp:	9729
Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.8	81.8
272	14.1	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 116.238 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:	330	Resp:	57860
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	38.5	31.1	46.7

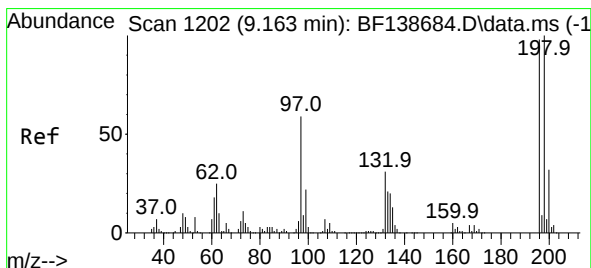
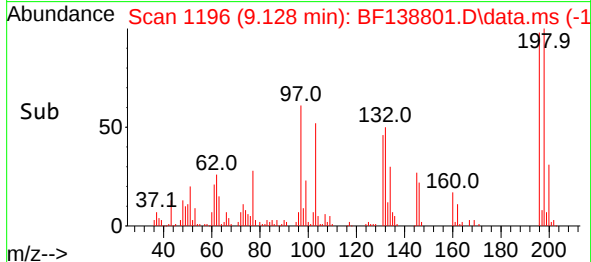
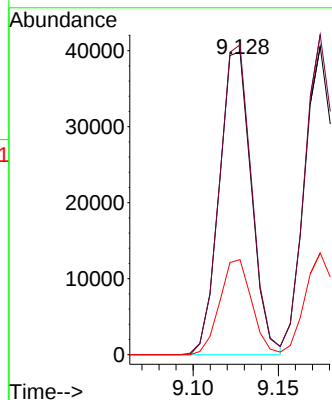
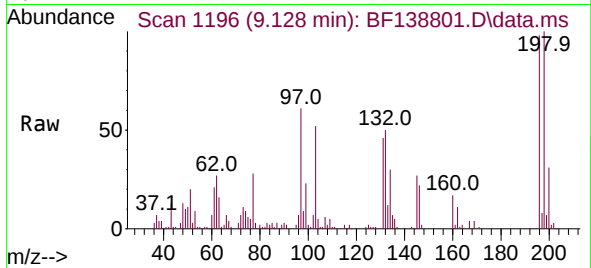




#43
2,4,6-Trichlorophenol
Concen: 50.813 ng
RT: 9.128 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

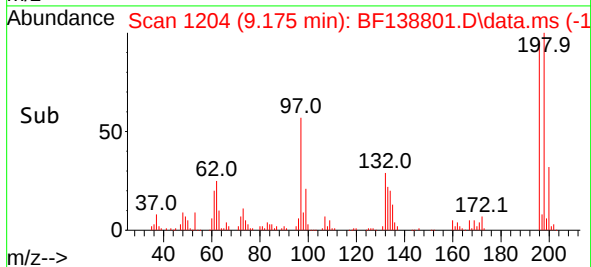
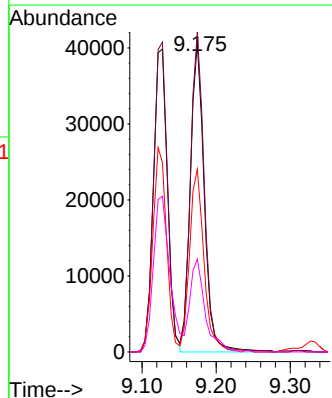
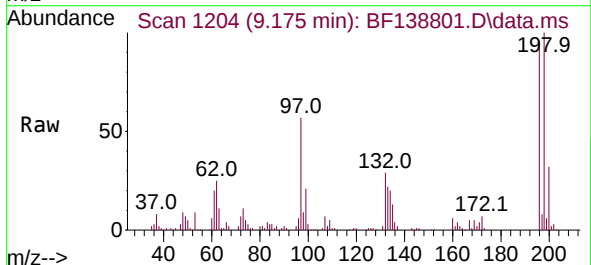
Instrument :
BNA_F
ClientSampleId :
72-11978MS

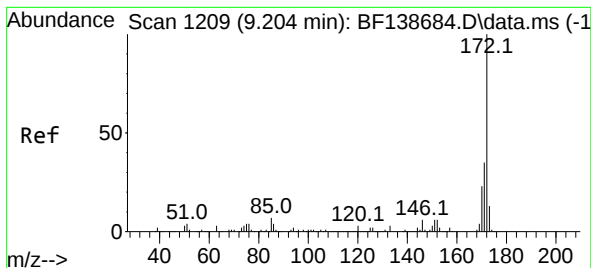
Tgt Ion:196 Resp: 52298
Ion Ratio Lower Upper
196 100
198 102.3 80.5 120.7
200 31.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 47.328 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:196 Resp: 53252
Ion Ratio Lower Upper
196 100
198 103.8 81.2 121.8
97 59.3 47.8 71.6
132 30.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 89.918 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

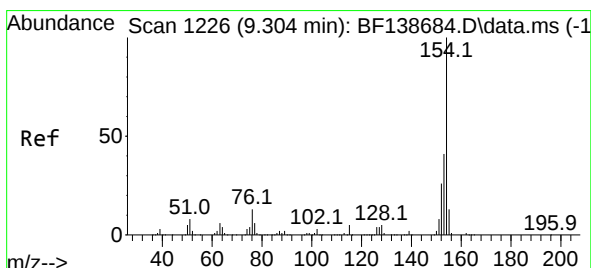
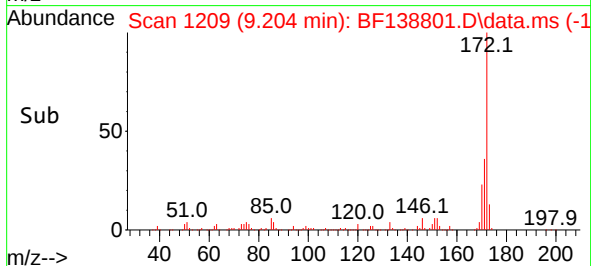
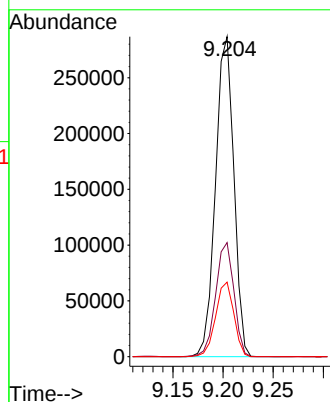
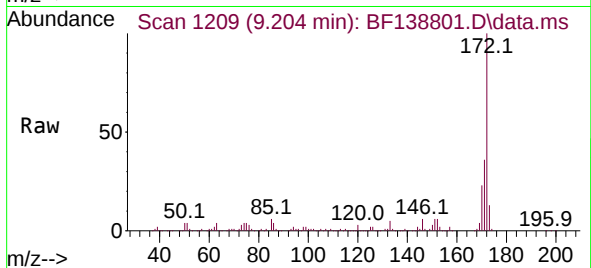
Tgt Ion:172 Resp: 363672

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.913 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

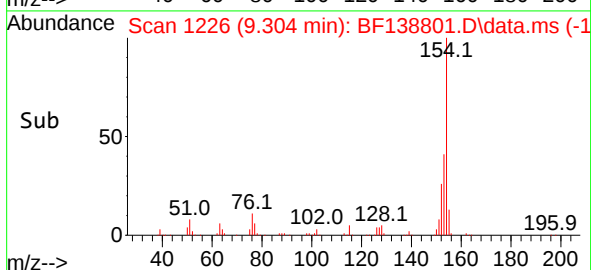
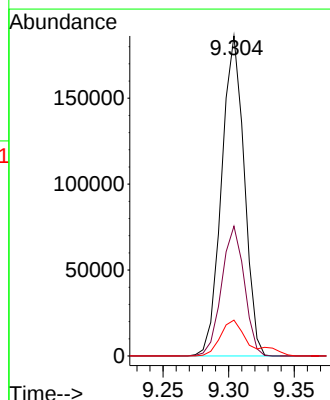
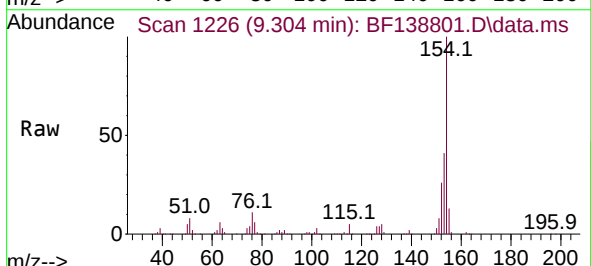
Tgt Ion:154 Resp: 223272

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.2 0.0 32.8

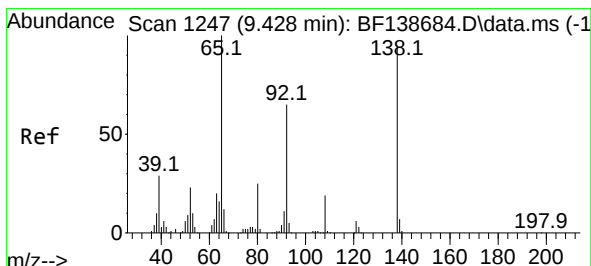
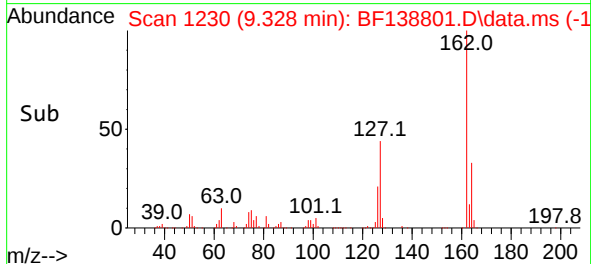
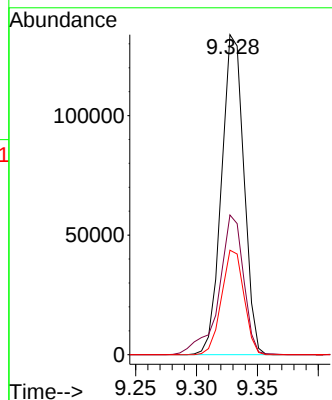
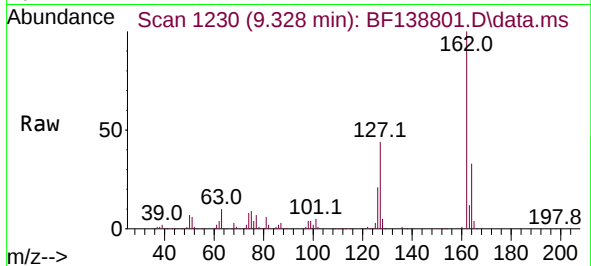




#47
2-Chloronaphthalene
Concen: 48.332 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

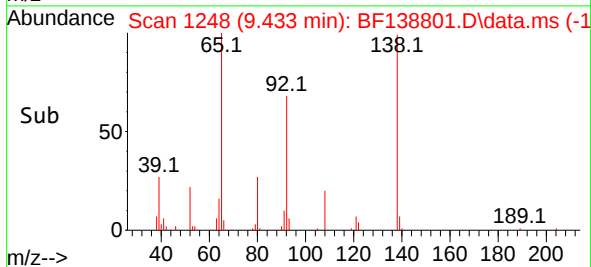
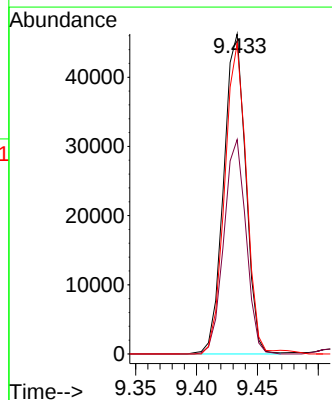
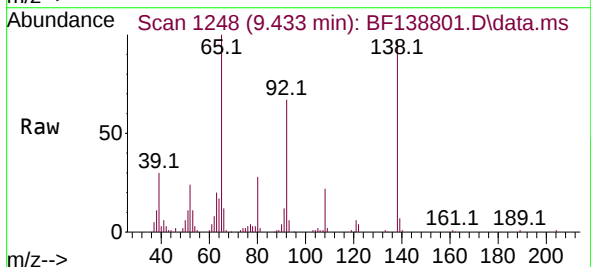
Instrument :
BNA_F
ClientSampleId :
72-11978MS

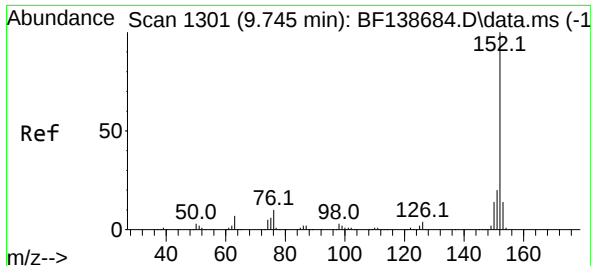
Tgt Ion:162 Resp: 171078
Ion Ratio Lower Upper
162 100
127 43.7 35.4 53.2
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 48.656 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 65 Resp: 58386
Ion Ratio Lower Upper
65 100
92 67.0 52.0 78.0
138 97.1 76.2 114.4





#49

Acenaphthylene

Concen: 51.050 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138801.D

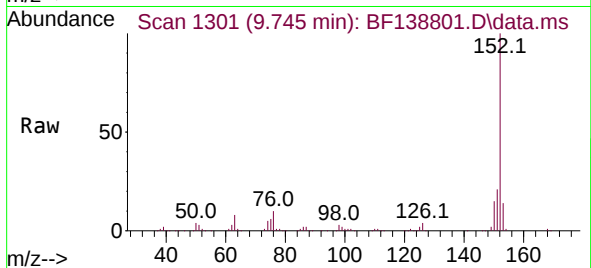
Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS



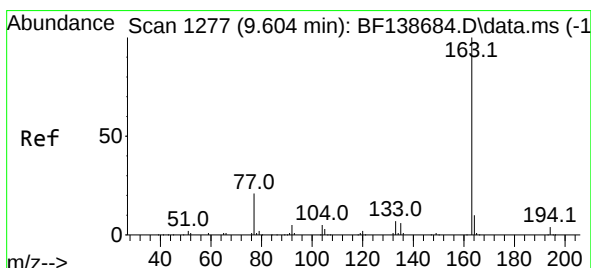
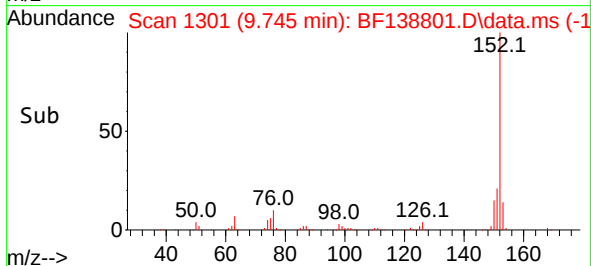
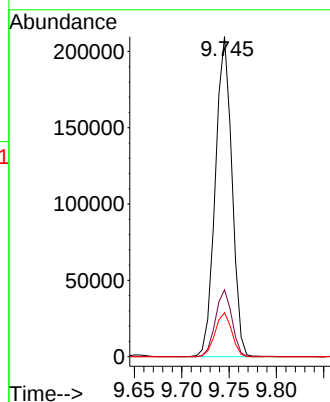
Tgt Ion:152 Resp: 256281

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 53.223 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

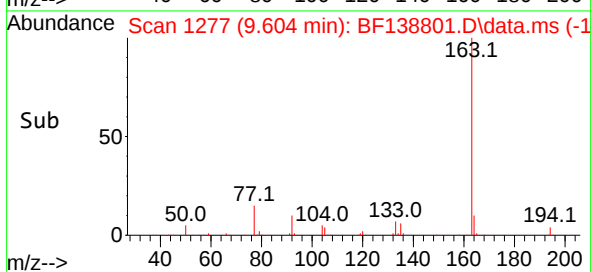
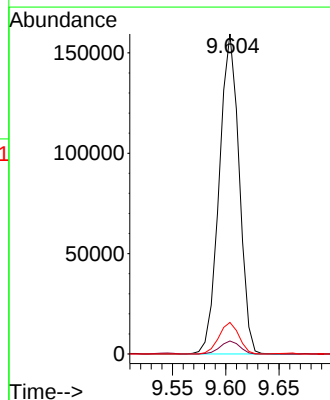
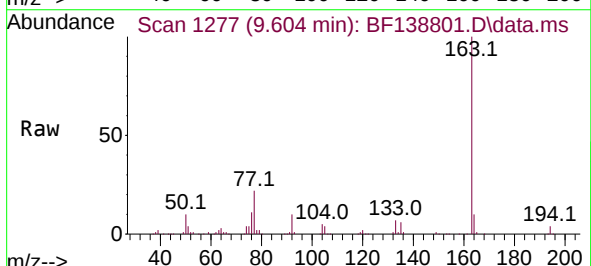
Tgt Ion:163 Resp: 206803

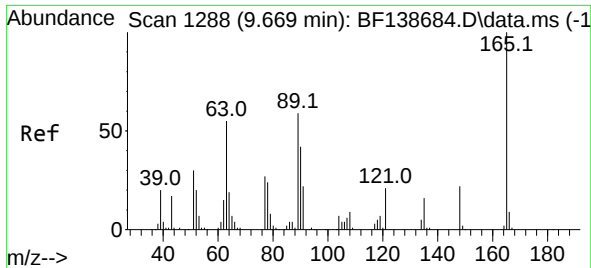
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 7.8 11.8

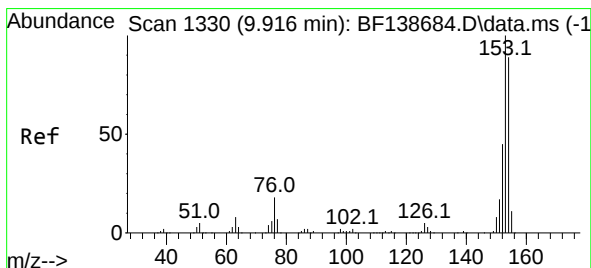
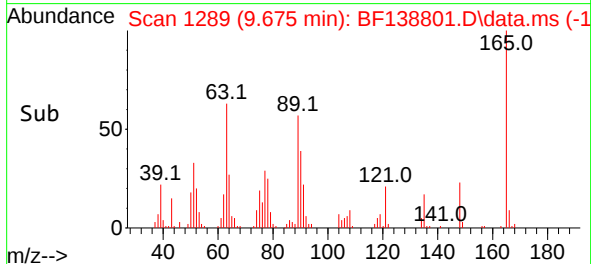
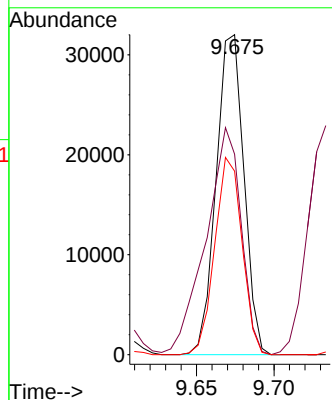
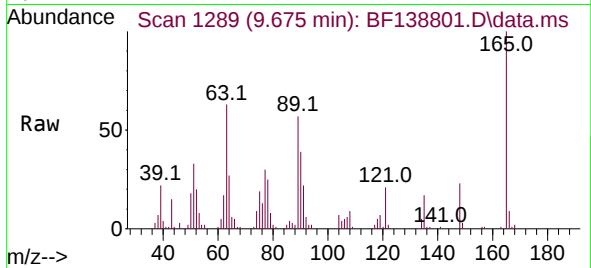




#51
2,6-Dinitrotoluene
Concen: 45.537 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

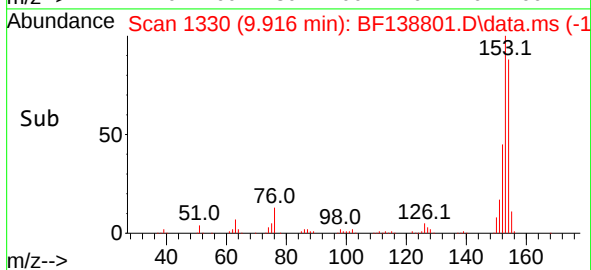
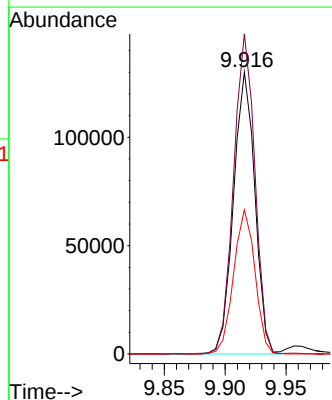
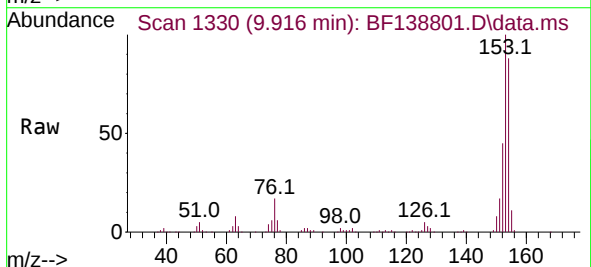
Instrument :
BNA_F
ClientSampleId :
72-11978MS

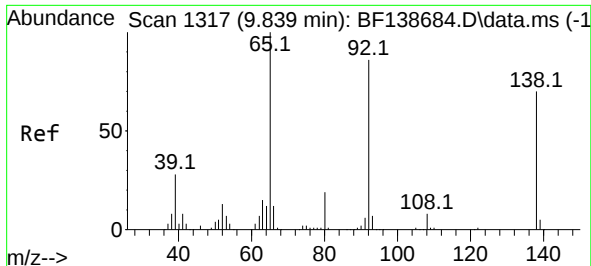
Tgt Ion:165 Resp: 39932
Ion Ratio Lower Upper
165 100
63 62.6 52.0 78.0
89 57.4 47.0 70.6



#52
Acenaphthene
Concen: 47.125 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:154 Resp: 159031
Ion Ratio Lower Upper
154 100
153 113.5 89.9 134.9
152 51.1 40.6 60.8

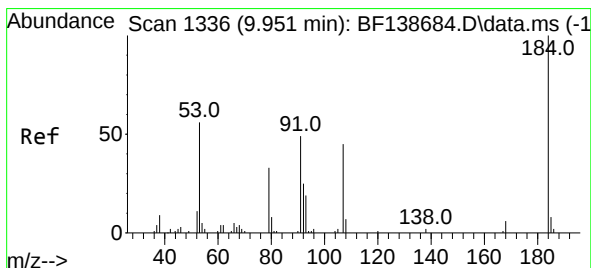
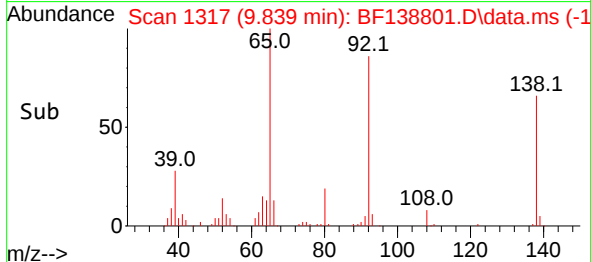
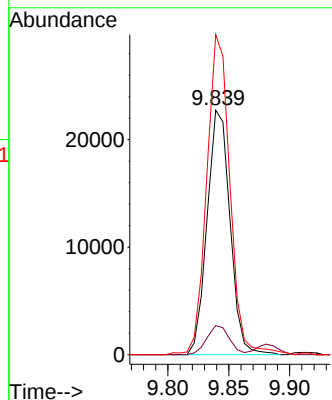
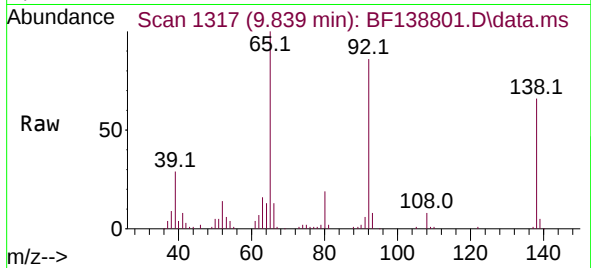




#53
3-Nitroaniline
Concen: 32.802 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

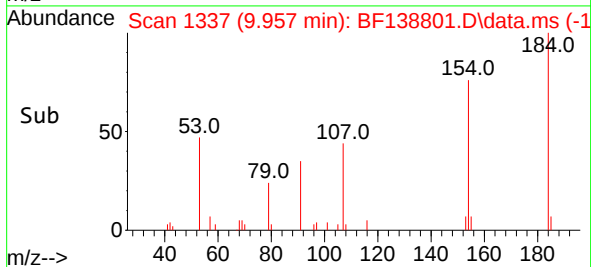
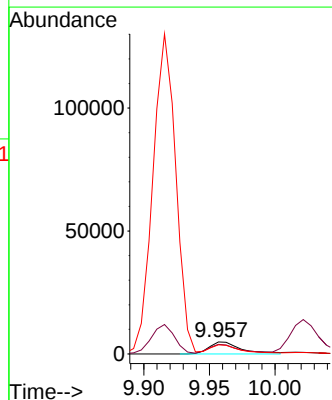
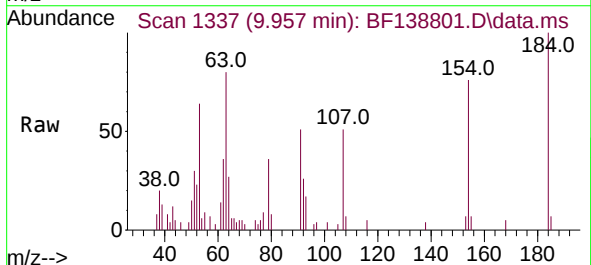
Instrument :
BNA_F
ClientSampleId :
72-11978MS

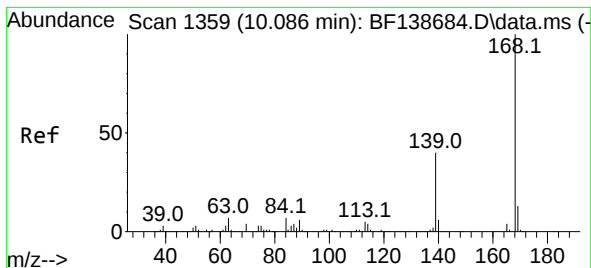
Tgt Ion:138 Resp: 29736
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 130.9 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 20.643 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:184 Resp: 8333
Ion Ratio Lower Upper
184 100
63 80.0 57.5 86.3
154 76.3 51.7 77.5





#55

Dibenzofuran

Concen: 48.505 ng

RT: 10.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

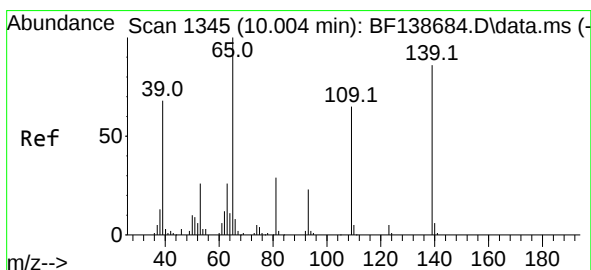
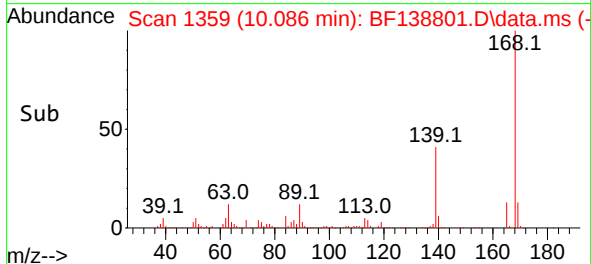
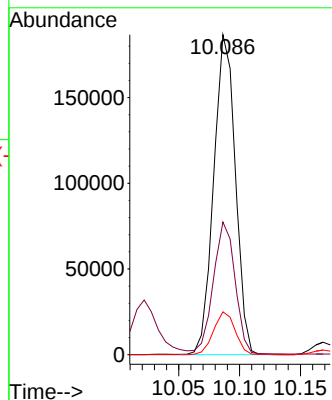
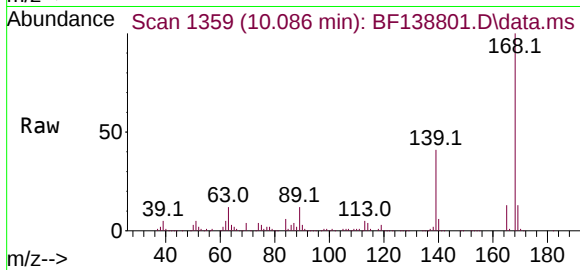
Tgt Ion:168 Resp: 231063

Ion Ratio Lower Upper

168 100

139 41.4 32.6 49.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 85.885 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

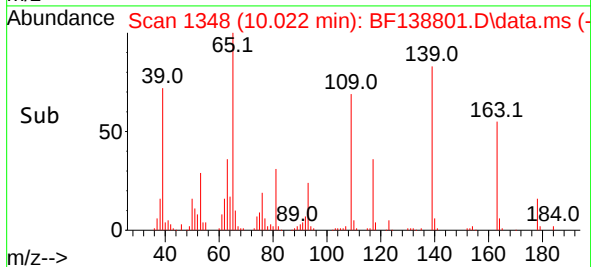
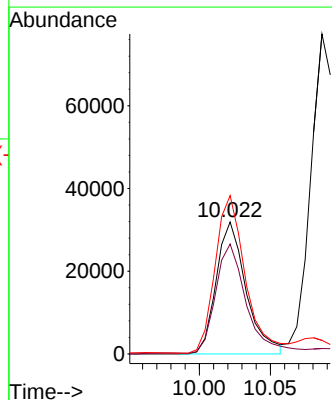
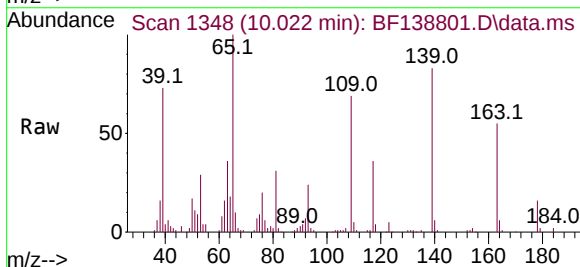
Tgt Ion:139 Resp: 46819

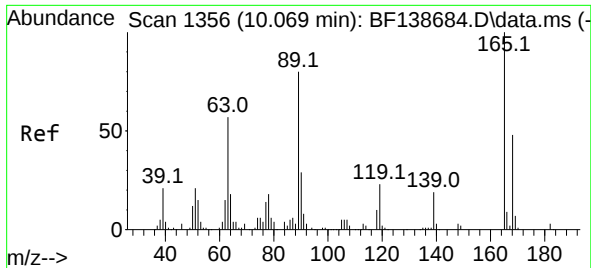
Ion Ratio Lower Upper

139 100

109 83.3 55.5 95.5

65 120.0 96.7 136.7

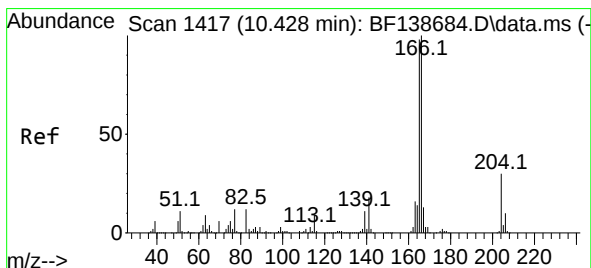
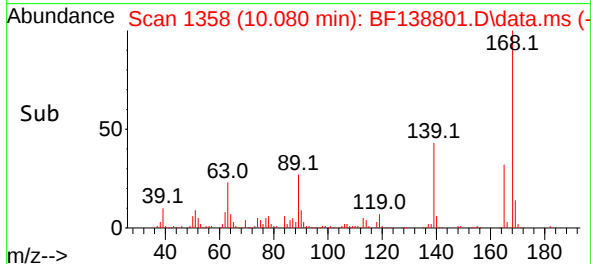
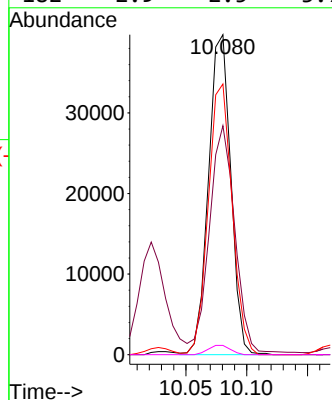
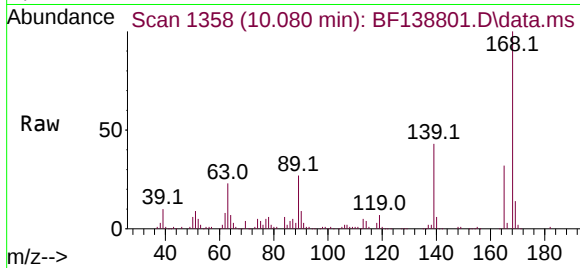




#57
2,4-Dinitrotoluene
Concen: 45.065 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

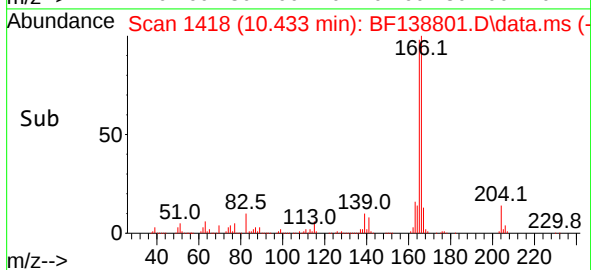
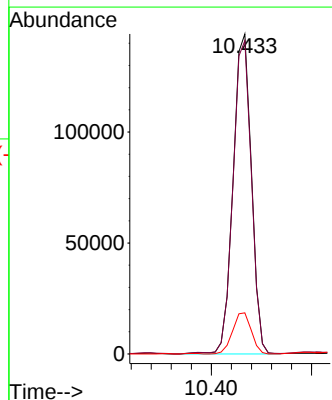
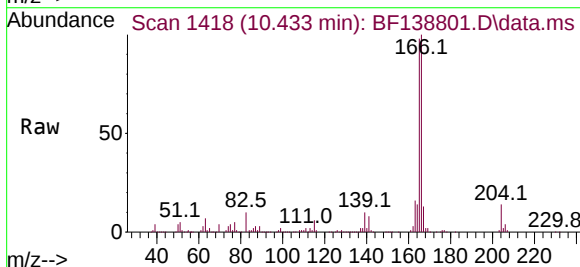
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:165 Resp: 50418
Ion Ratio Lower Upper
165 100
63 71.5 46.3 69.5#
89 84.6 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 48.161 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:166 Resp: 182701
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 12.8 10.6 16.0

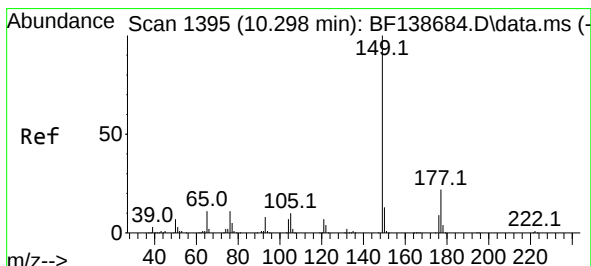
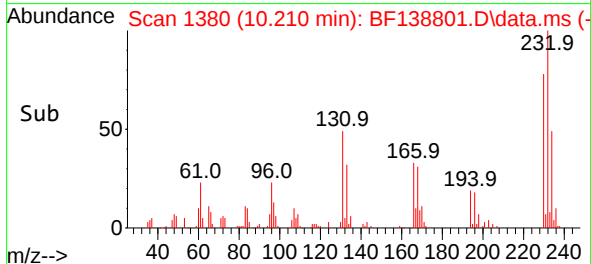
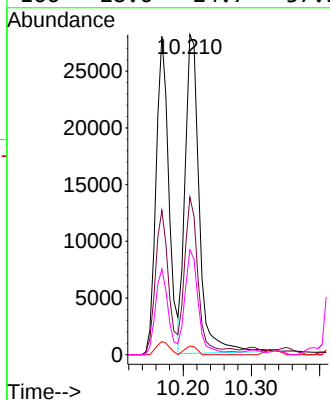
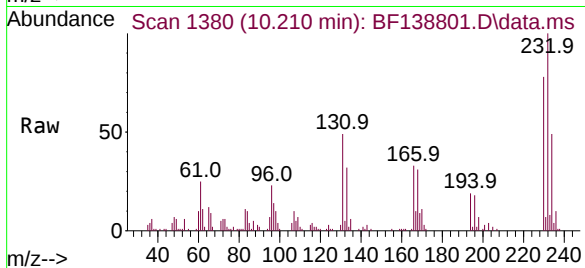




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.230 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

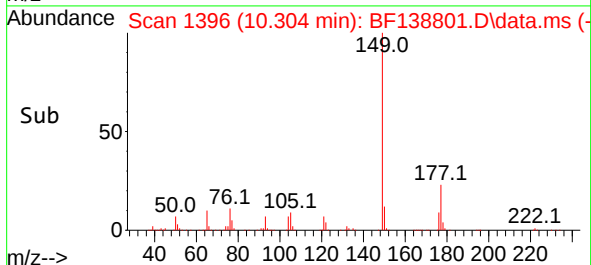
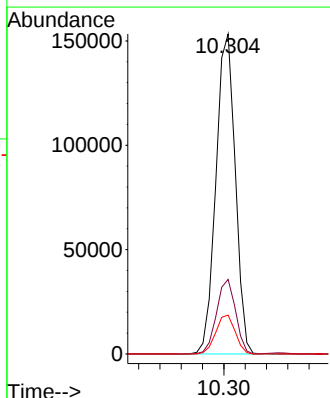
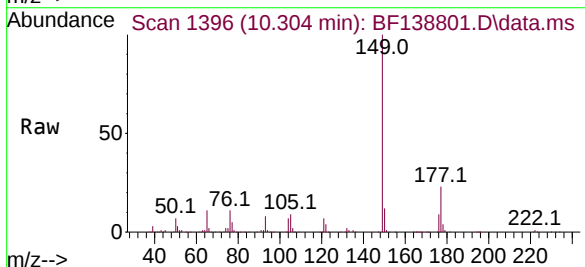
Instrument :
BNA_F
ClientSampleId :
72-11978MS

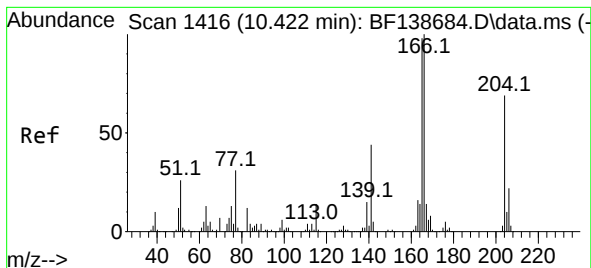
Tgt Ion:232 Resp: 40628
Ion Ratio Lower Upper
232 100
131 42.8 37.0 55.4
130 2.3 2.0 3.0
166 28.6 24.7 37.1



#60
Diethylphthalate
Concen: 52.315 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:149 Resp: 192738
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.2 10.1 15.1

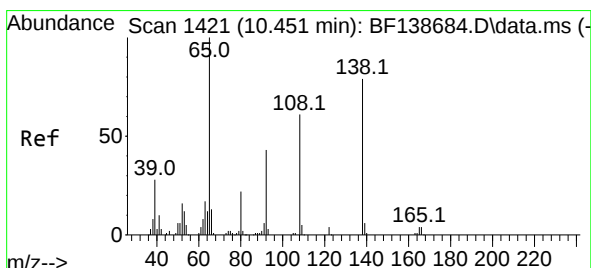
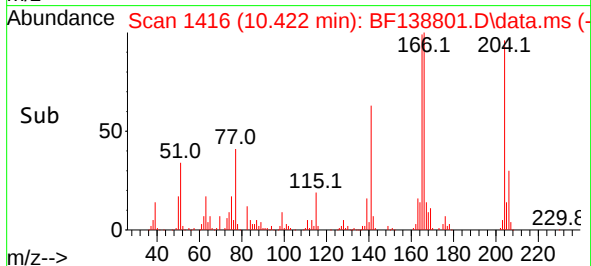
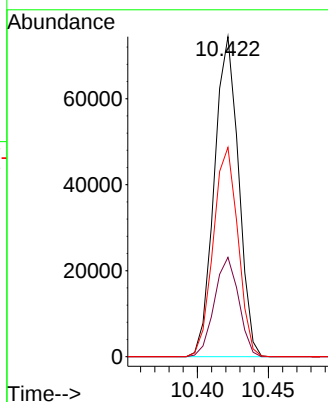
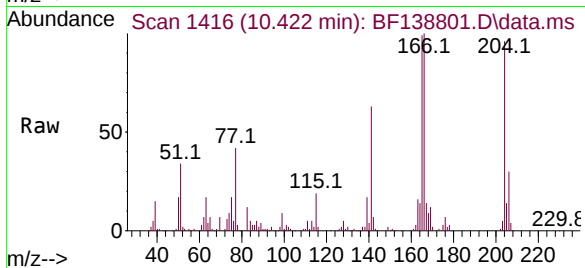




#61
4-Chlorophenyl-phenylether
Concen: 47.436 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

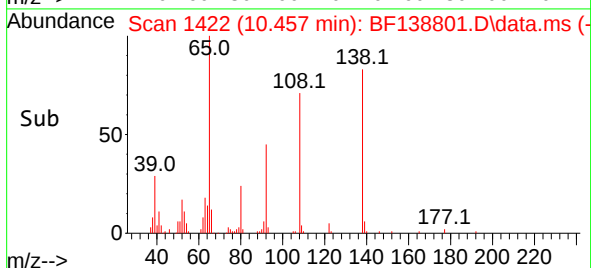
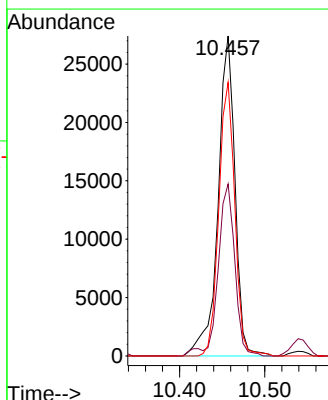
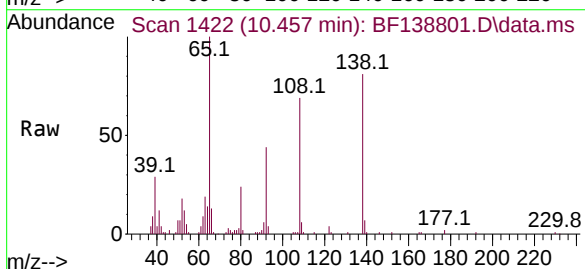
Instrument :
BNA_F
ClientSampleId :
72-11978MS

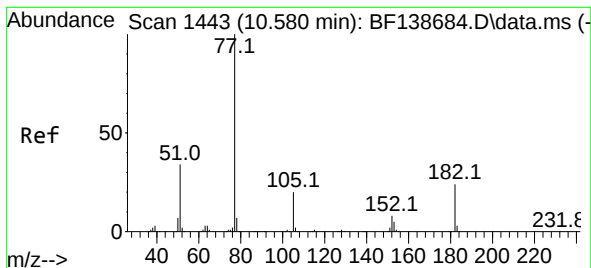
Tgt Ion:204 Resp: 88503
Ion Ratio Lower Upper
204 100
206 31.0 26.1 39.1
141 65.4 51.4 77.0



#62
4-Nitroaniline
Concen: 44.038 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:138 Resp: 37938
Ion Ratio Lower Upper
138 100
92 53.8 34.2 74.2
108 85.5 56.2 96.2





#63

Azobenzene

Concen: 44.922 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

Tgt Ion: 77 Resp: 183558

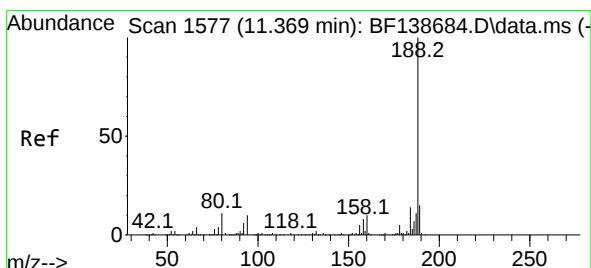
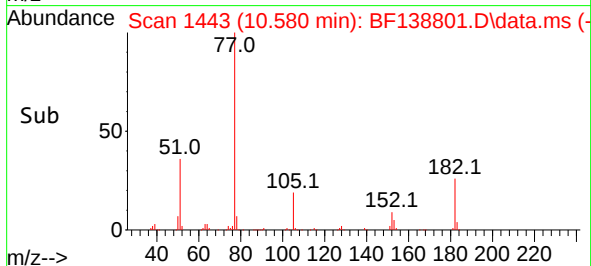
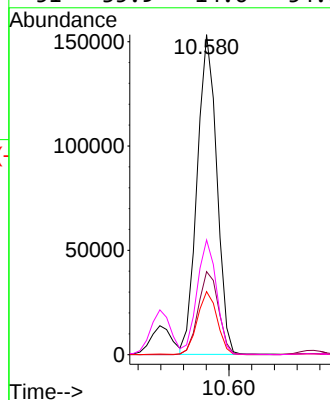
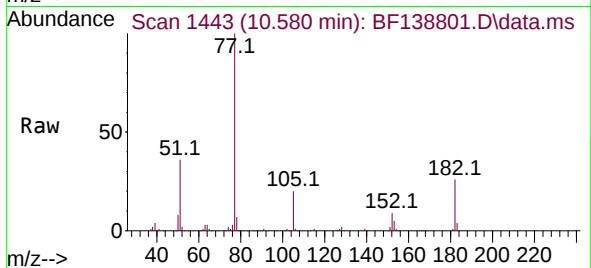
Ion Ratio Lower Upper

77 100

182 26.0 3.4 43.4

105 19.7 0.2 40.2

51 35.9 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

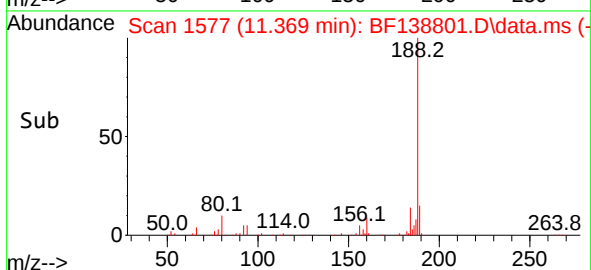
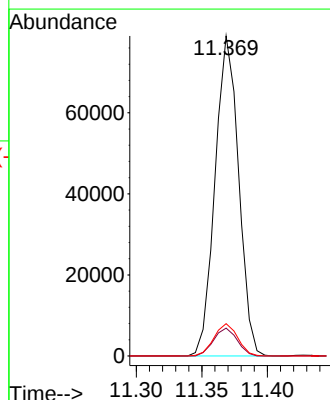
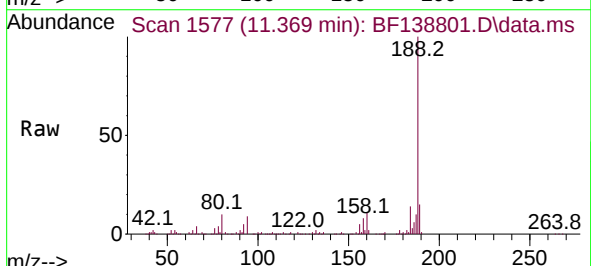
Tgt Ion: 188 Resp: 98530

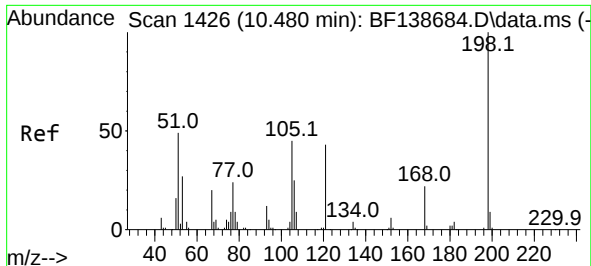
Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 10.1 8.6 12.8

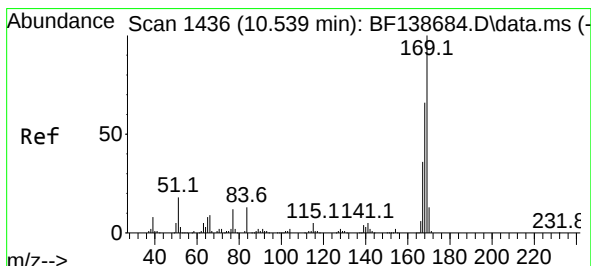
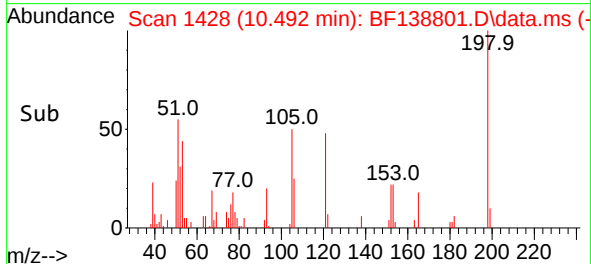
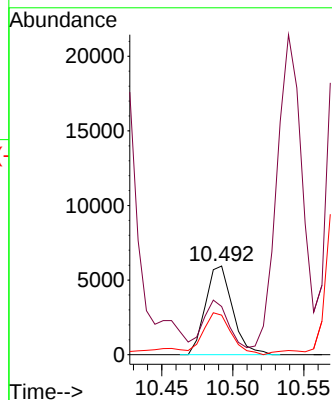
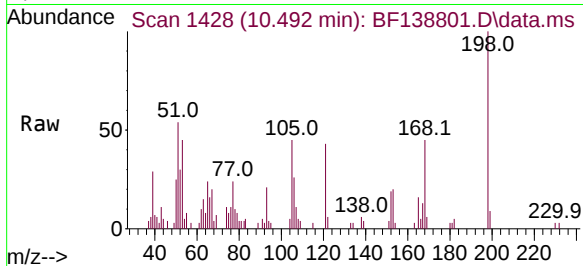




#65
4,6-Dinitro-2-methylphenol
Concen: 13.094 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

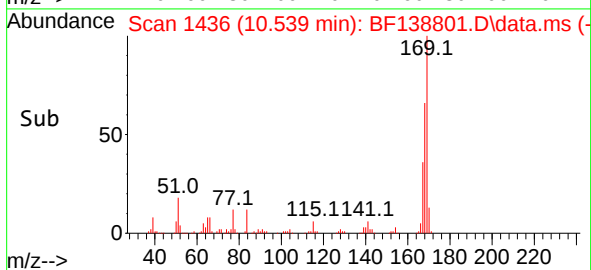
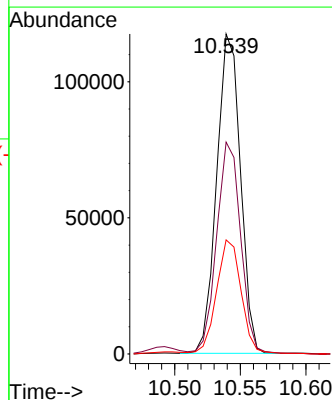
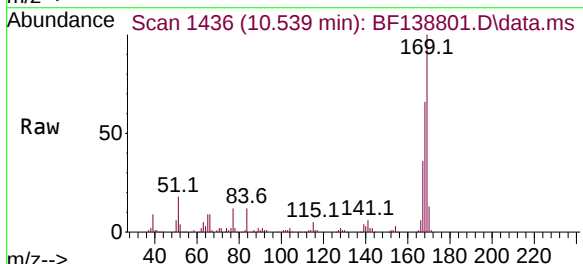
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:198 Resp: 7871
Ion Ratio Lower Upper
198 100
51 54.4 39.9 79.9
105 44.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.858 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:169 Resp: 147395
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.6 29.0 43.6

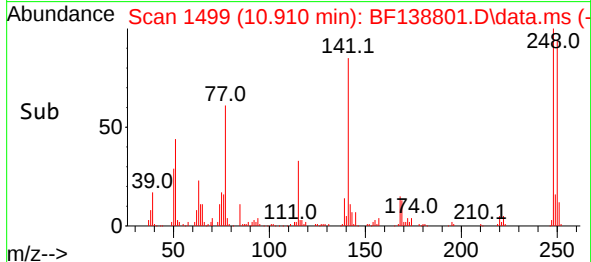
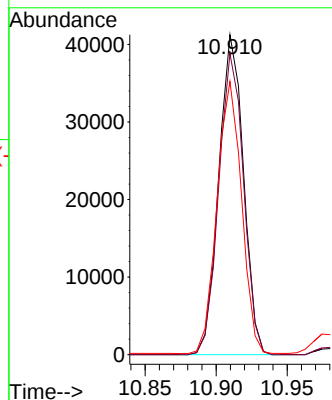
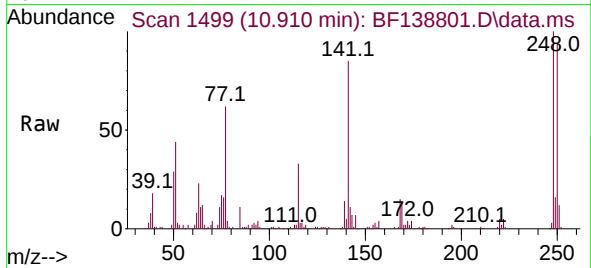




#67
4-Bromophenyl-phenylether
Concen: 46.711 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

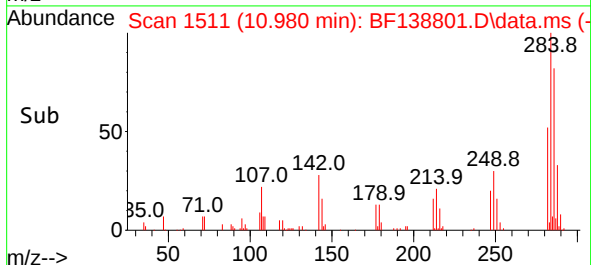
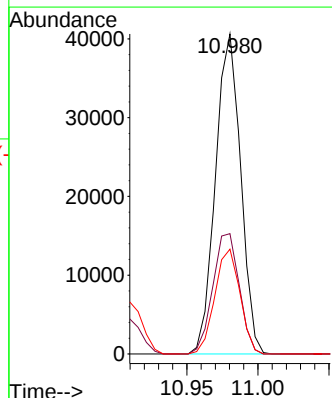
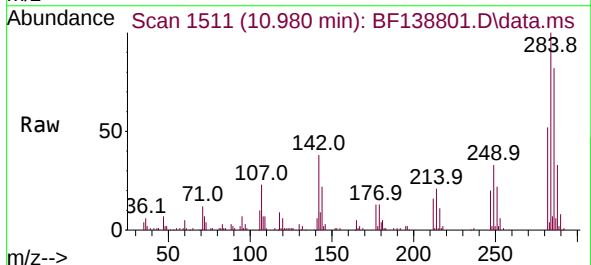
Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:248 Resp: 49830
Ion Ratio Lower Upper
248 100
250 94.1 77.7 116.5
141 85.4 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.486 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:284 Resp: 50101
Ion Ratio Lower Upper
284 100
142 37.6 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 55.579 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

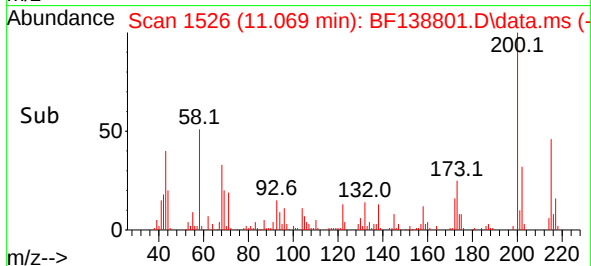
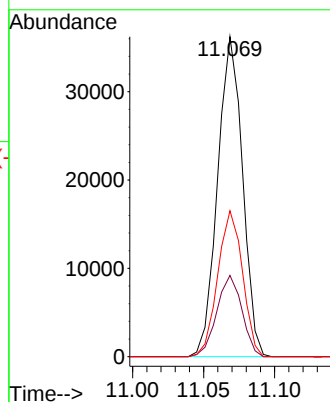
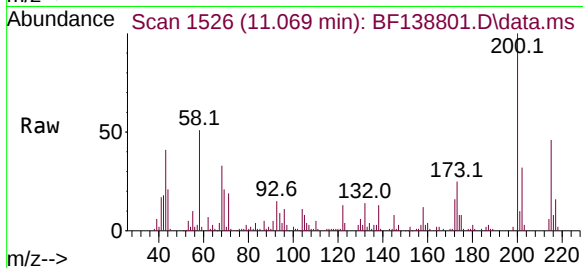
Tgt Ion:200 Resp: 44163

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 45.6 26.1 66.1



#70

Pentachlorophenol

Concen: 95.202 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

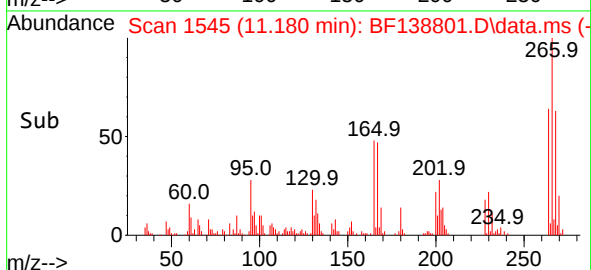
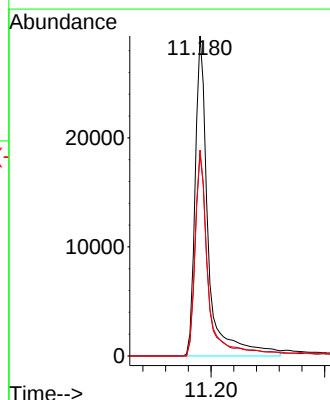
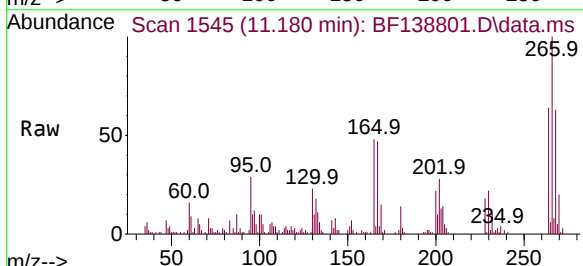
Tgt Ion:266 Resp: 47265

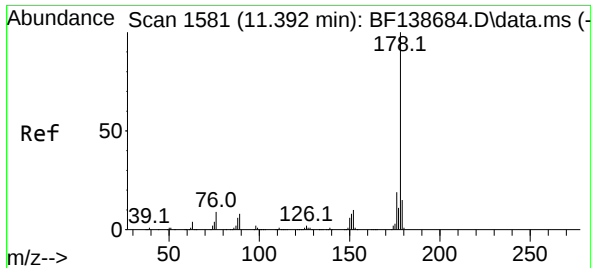
Ion Ratio Lower Upper

266 100

268 63.4 49.2 73.8

264 64.3 49.8 74.6

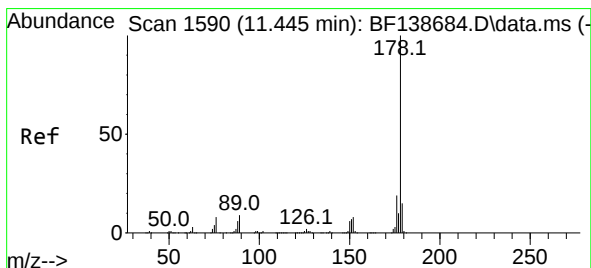
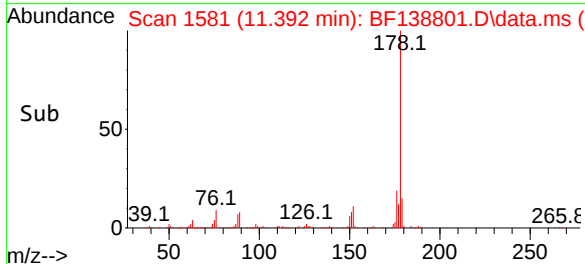
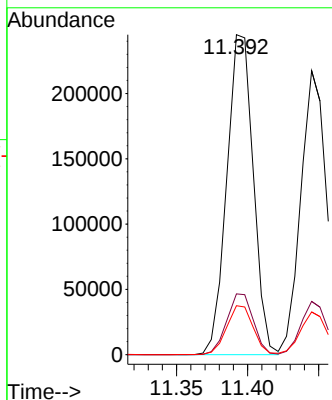
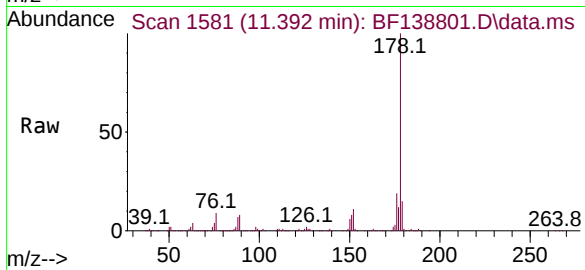




#71
Phenanthrene
Concen: 62.848 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

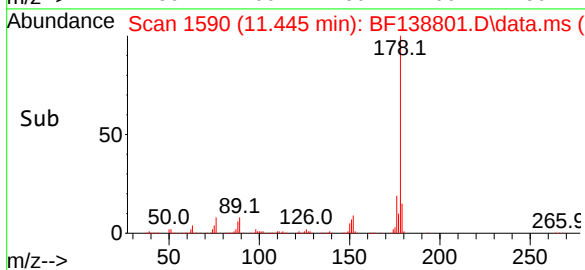
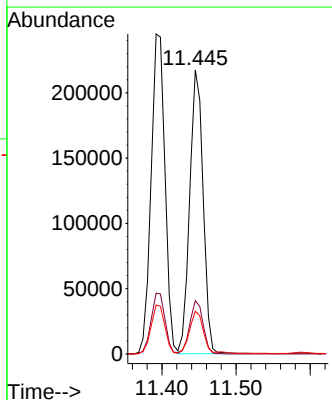
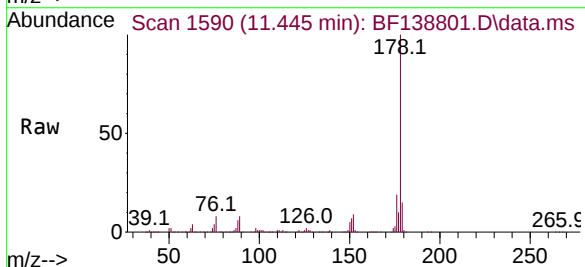
Instrument :
BNA_F
ClientSampleId :
72-11978MS

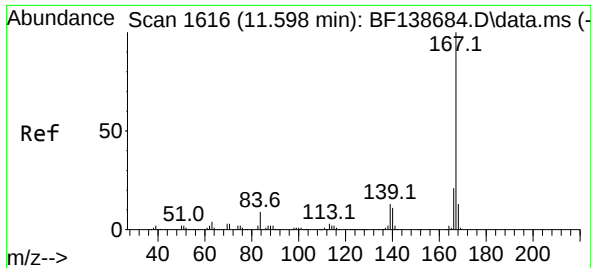
Tgt Ion:178 Resp: 318859
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 54.540 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:178 Resp: 272595
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.0 12.4 18.6

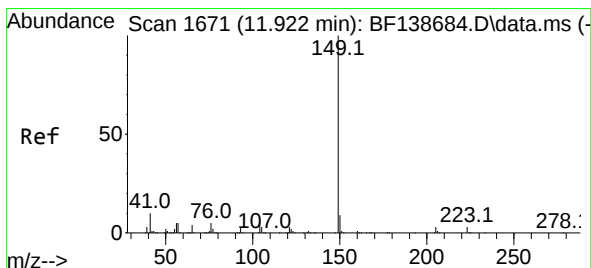
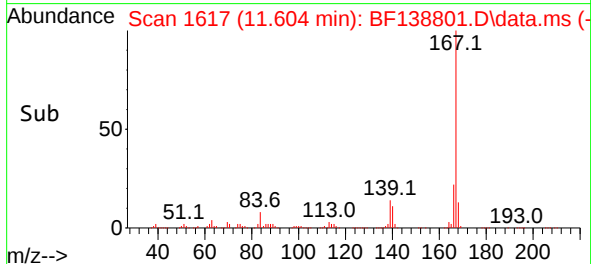
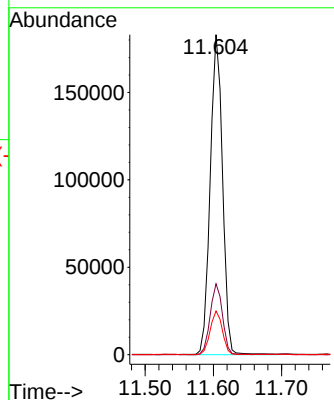
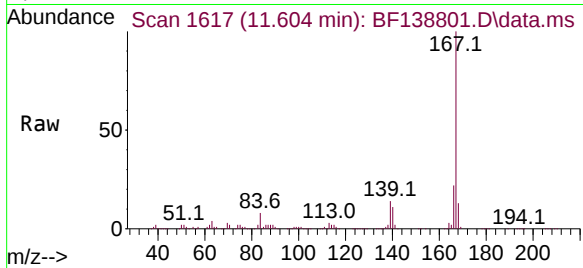




#73
Carbazole
Concen: 53.416 ng
RT: 11.604 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

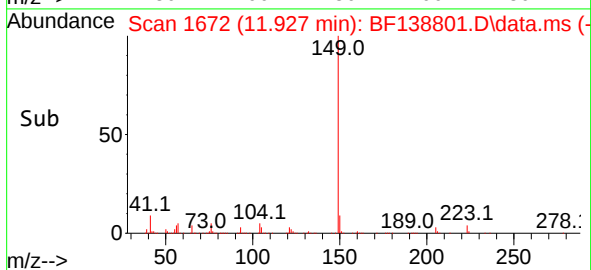
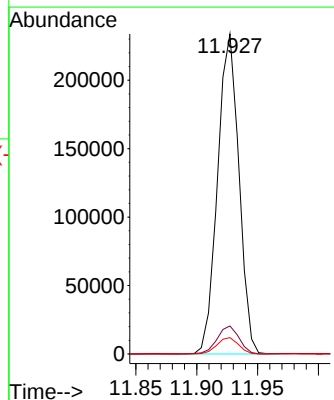
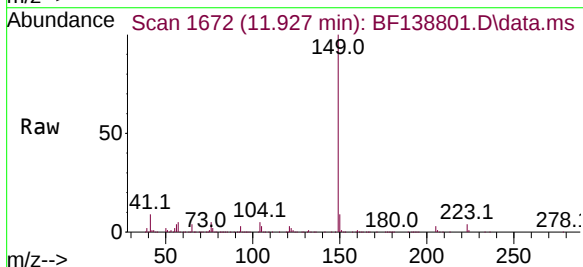
Instrument :
BNA_F
ClientSampleId :
72-11978MS

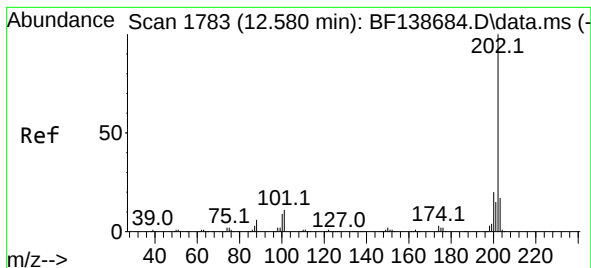
Tgt Ion:167 Resp: 230336
Ion Ratio Lower Upper
167 100
166 22.2 17.2 25.8
139 13.6 10.6 16.0



#74
Di-n-butylphthalate
Concen: 58.862 ng
RT: 11.927 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:149 Resp: 285336
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 99.433 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

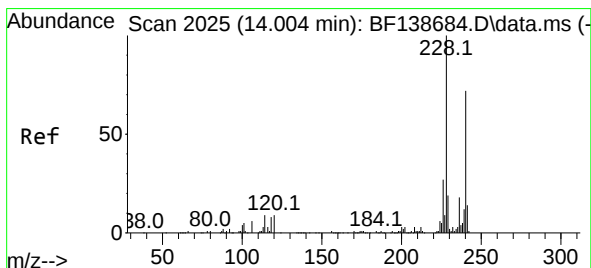
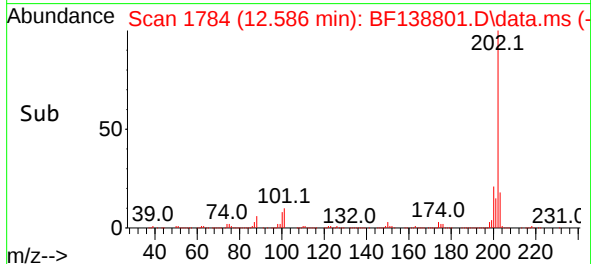
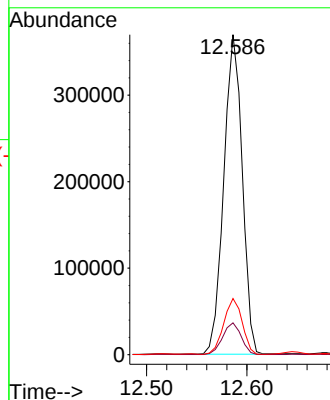
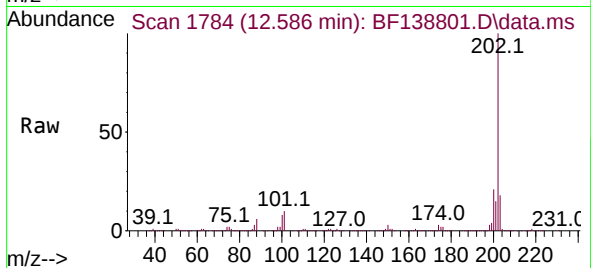
Tgt Ion:202 Resp: 470958

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

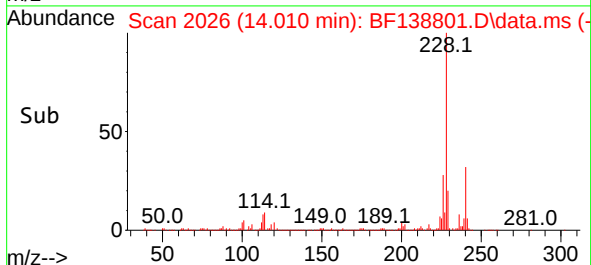
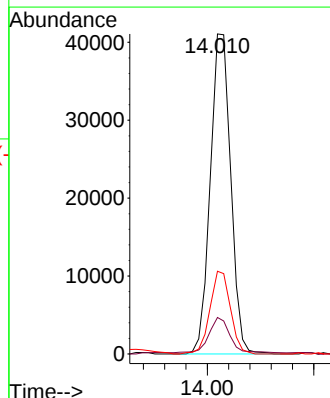
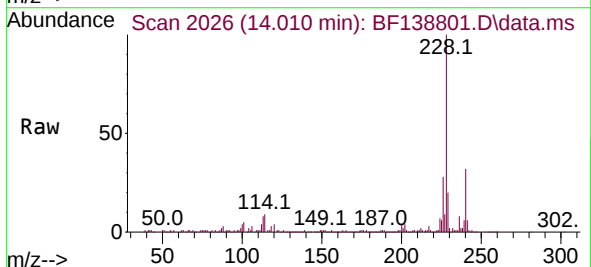
Tgt Ion:240 Resp: 54741

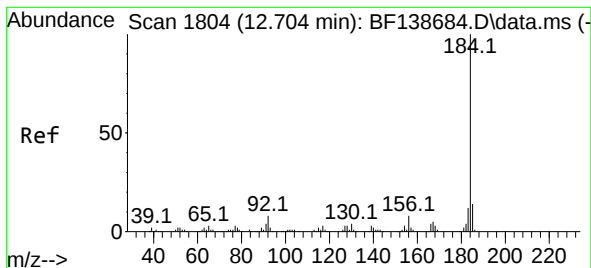
Ion Ratio Lower Upper

240 100

120 11.4 10.2 15.4

236 25.8 19.8 29.8





#77

Benzidine

Concen: 13.849 ng

RT: 12.710 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

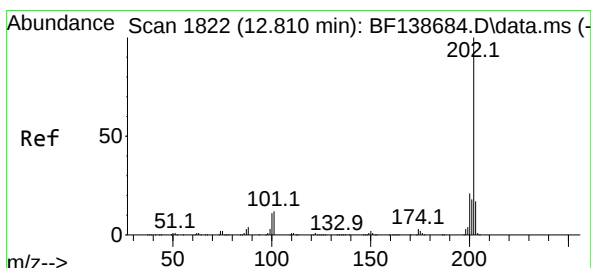
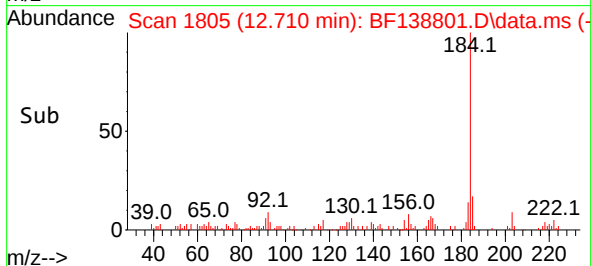
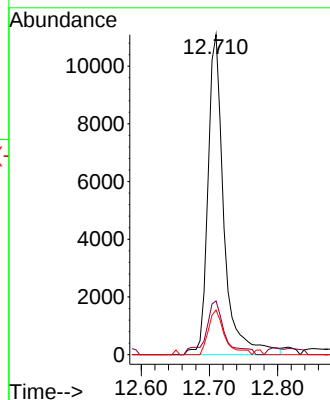
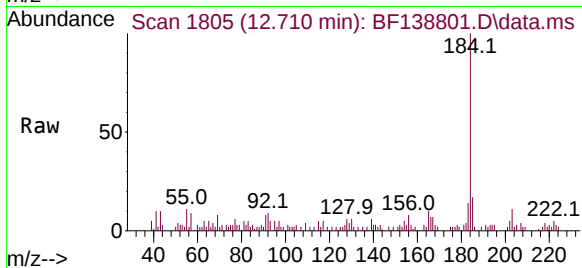
Tgt Ion:184 Resp: 18132

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

183 13.9 9.6 14.4



#78

Pyrene

Concen: 86.419 ng

RT: 12.816 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

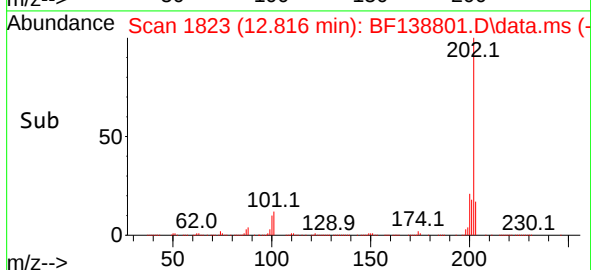
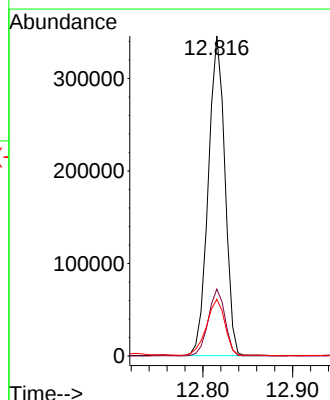
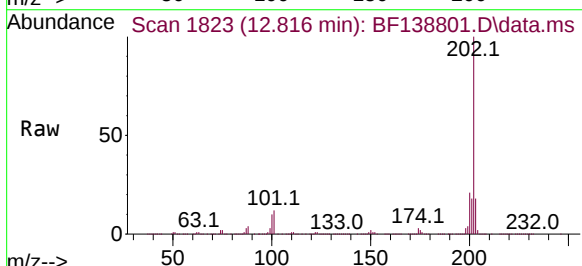
Tgt Ion:202 Resp: 445405

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 101.615 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

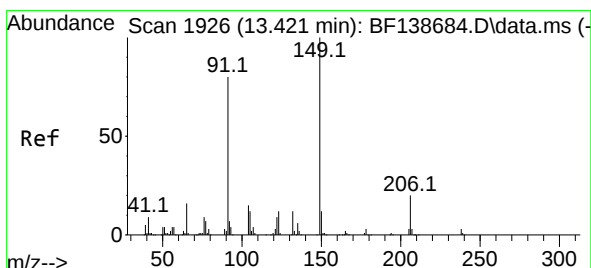
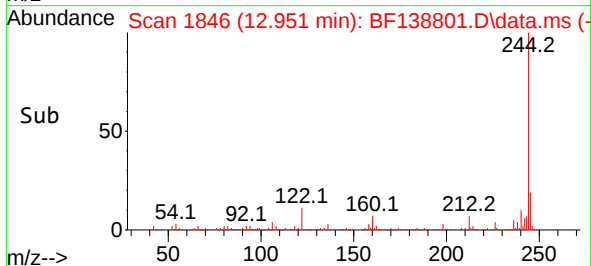
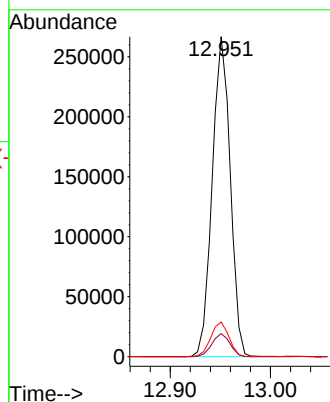
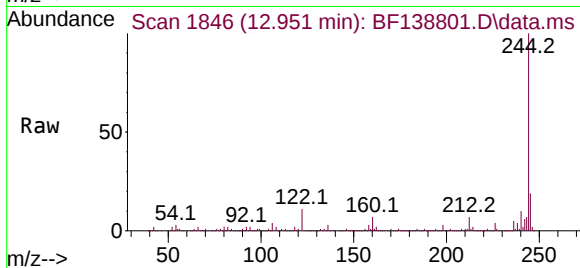
Tgt Ion:244 Resp: 332236

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 65.552 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

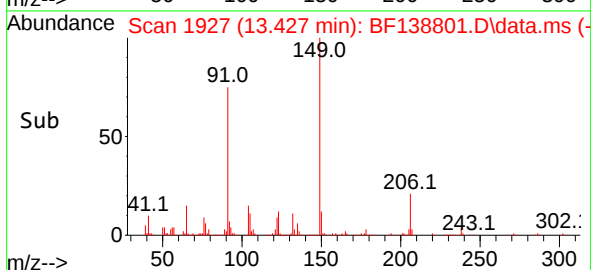
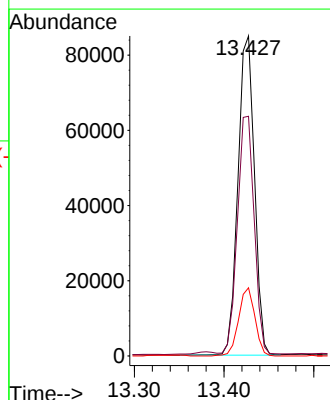
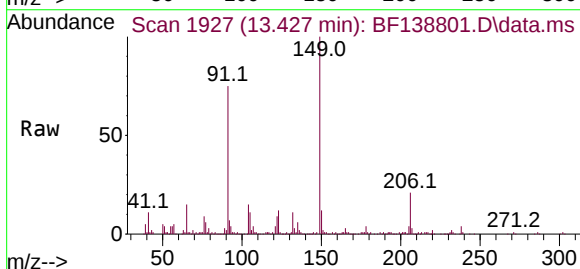
Tgt Ion:149 Resp: 108191

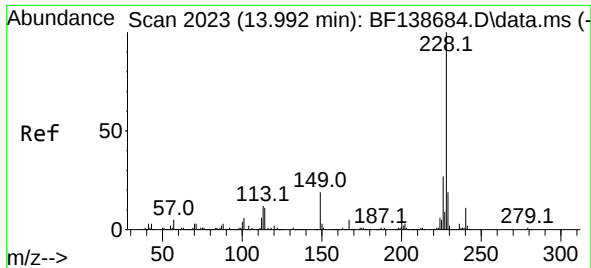
Ion Ratio Lower Upper

149 100

91 74.9 63.7 95.5

206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 67.476 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

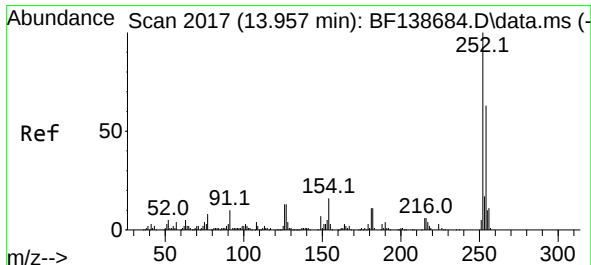
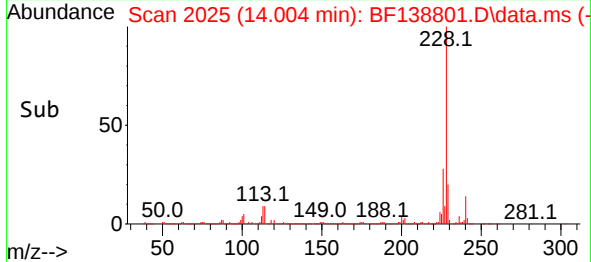
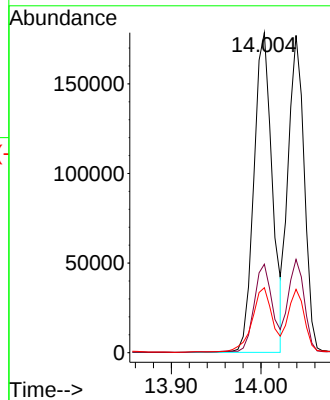
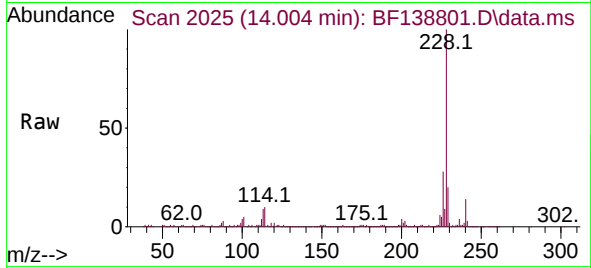
Tgt Ion:228 Resp: 254356

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 40.813 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

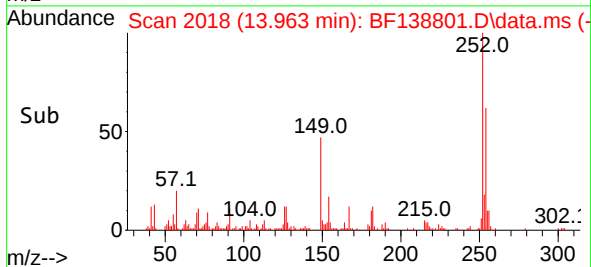
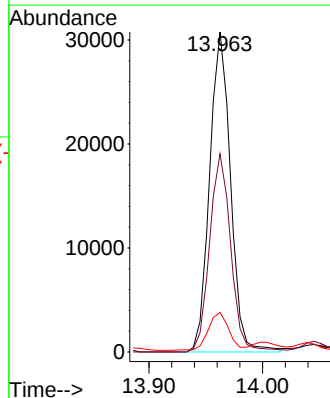
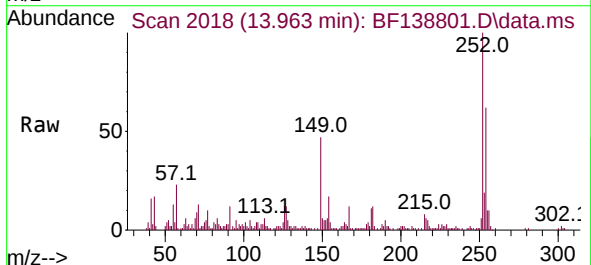
Tgt Ion:252 Resp: 39370

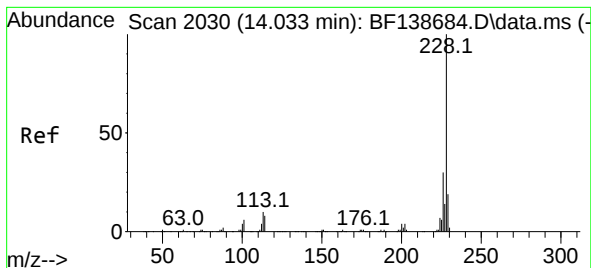
Ion Ratio Lower Upper

252 100

254 61.9 50.8 76.2

126 12.4 10.2 15.2





#83

Chrysene

Concen: 64.309 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

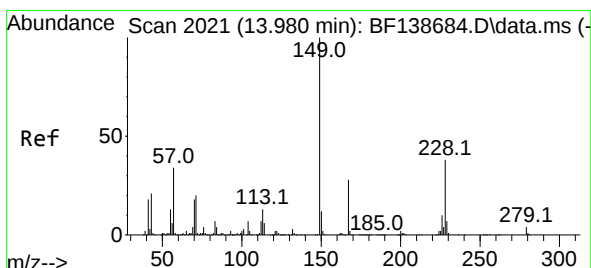
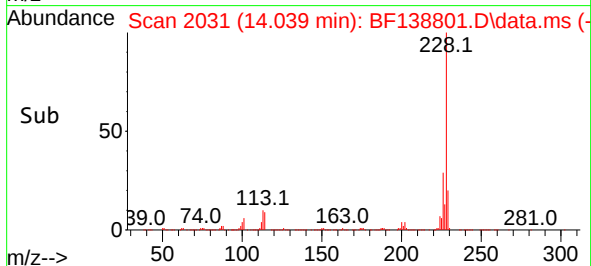
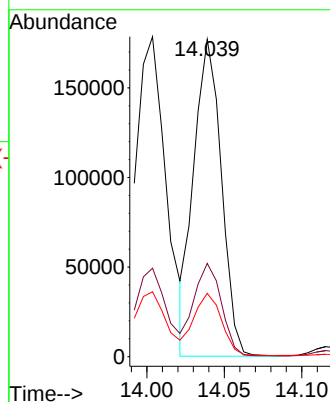
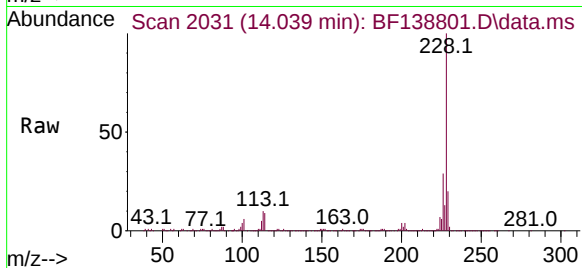
Tgt Ion:228 Resp: 218707

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 20.0 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.175 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

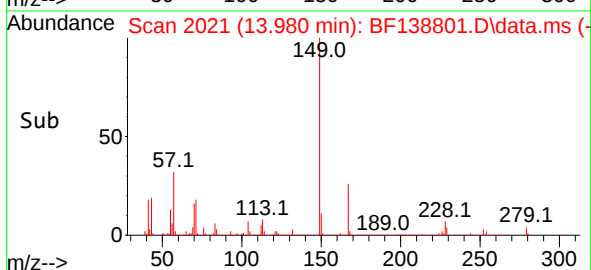
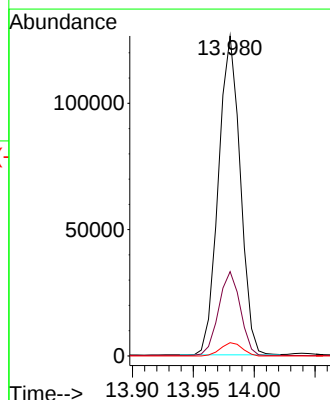
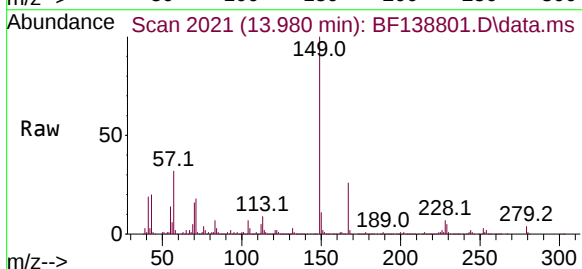
Tgt Ion:149 Resp: 157516

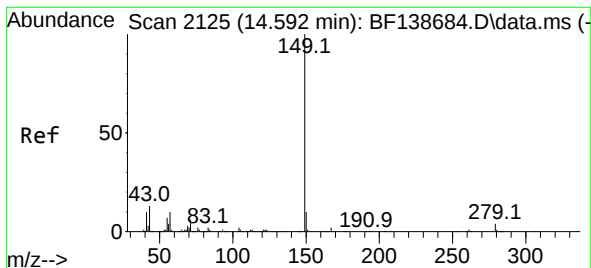
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.917 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

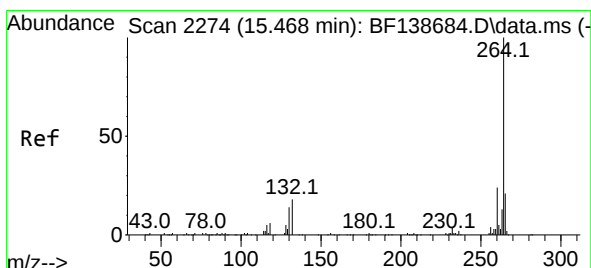
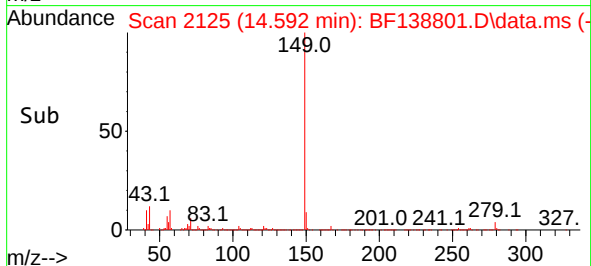
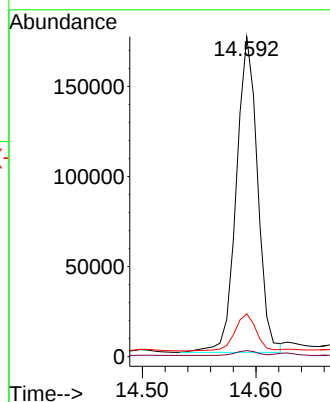
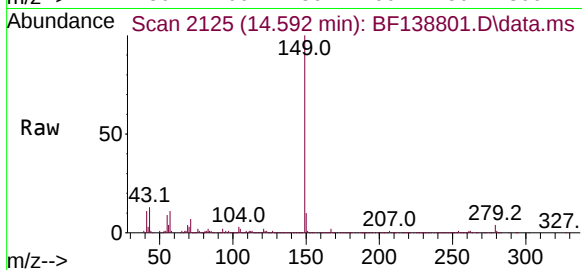
Tgt Ion:149 Resp: 227679

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.7 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

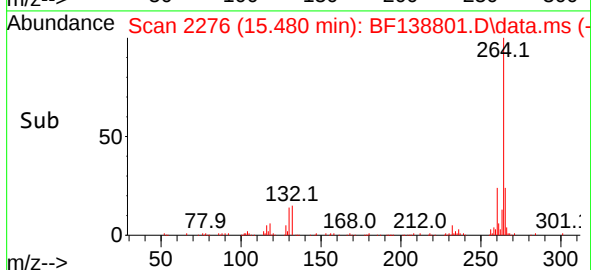
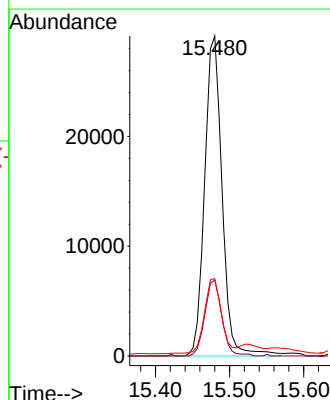
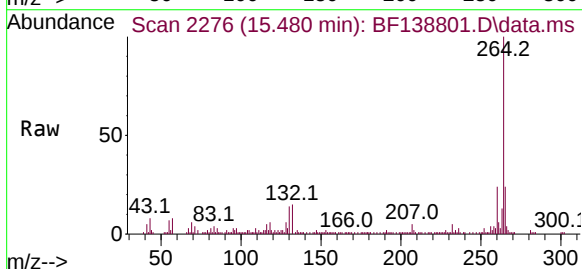
Tgt Ion:264 Resp: 47689

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 24.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.838 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

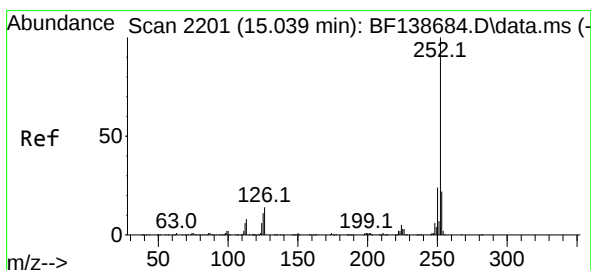
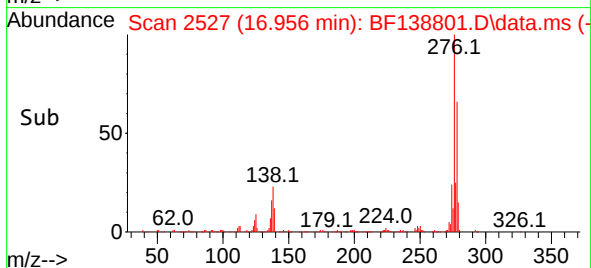
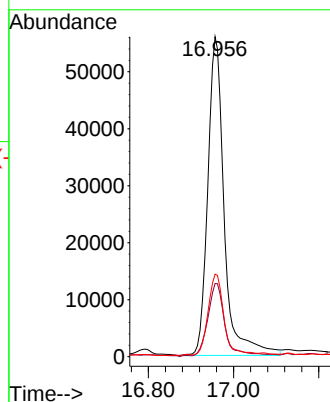
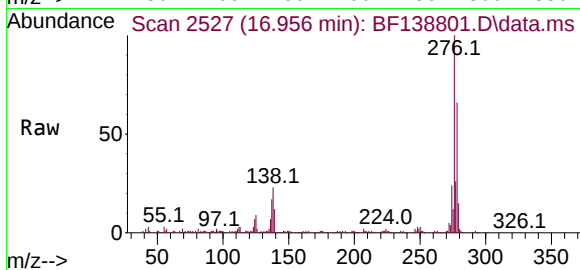
Tgt Ion:276 Resp: 149820

Ion Ratio Lower Upper

276 100

138 22.9 21.8 32.8

277 24.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 72.823 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.012 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

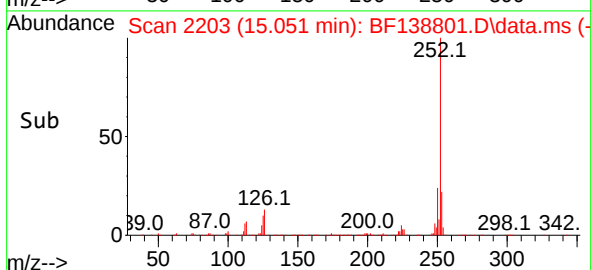
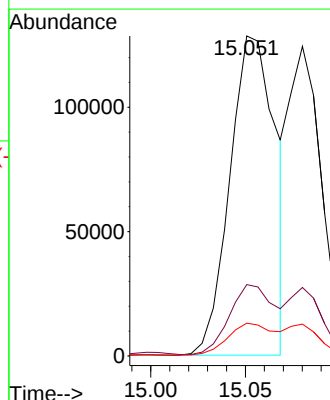
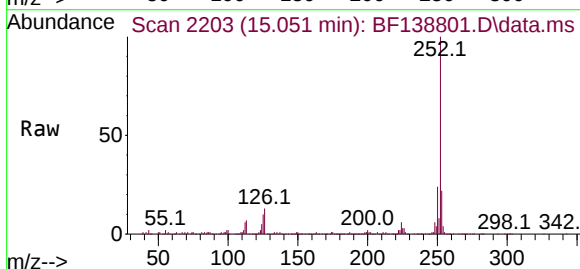
Tgt Ion:252 Resp: 215283

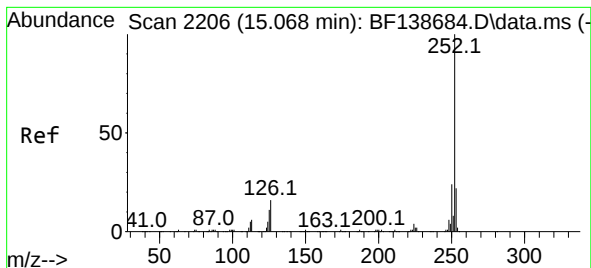
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 57.717 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

Instrument :

BNA_F

ClientSampleId :

72-11978MS

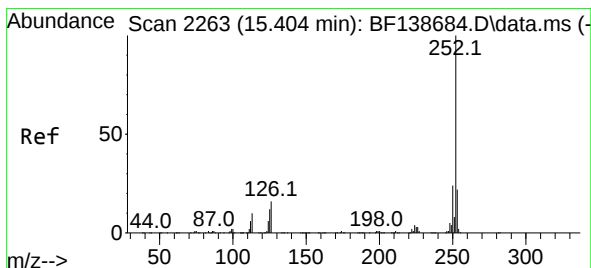
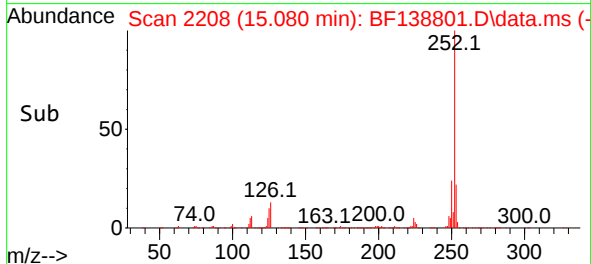
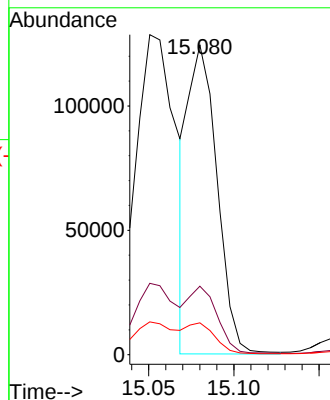
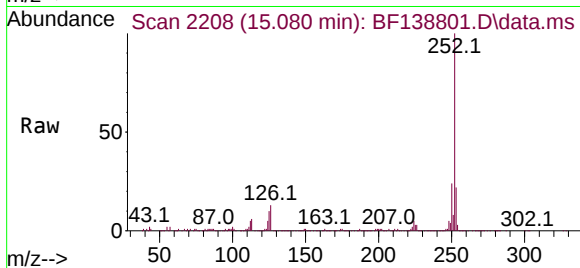
Tgt Ion:252 Resp: 147730

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.3 8.6 13.0



#90

Benzo(a)pyrene

Concen: 62.492 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138801.D

Acq: 05 Aug 2024 23:40

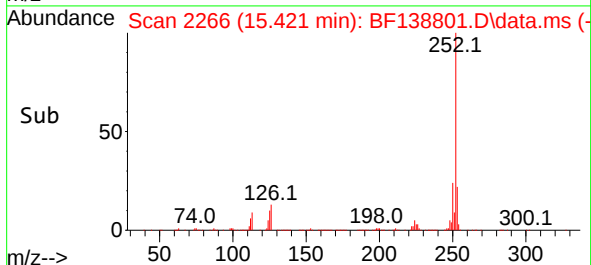
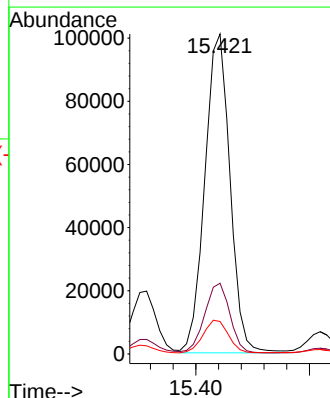
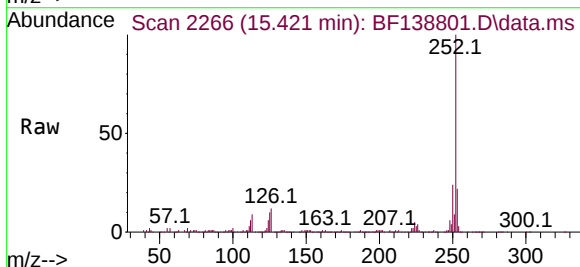
Tgt Ion:252 Resp: 155395

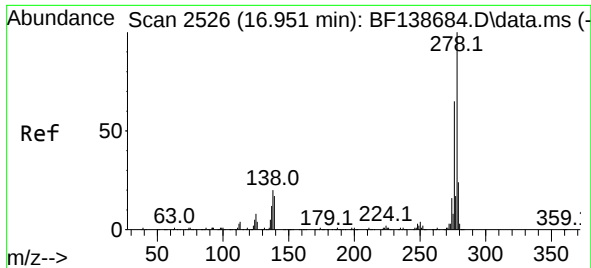
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.2 9.5 14.3

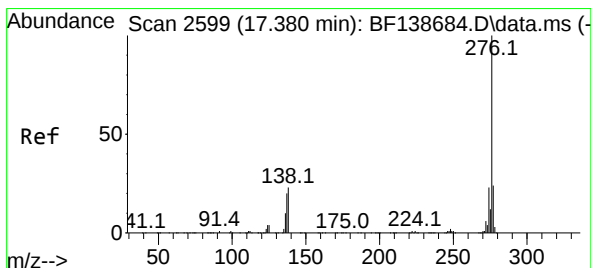
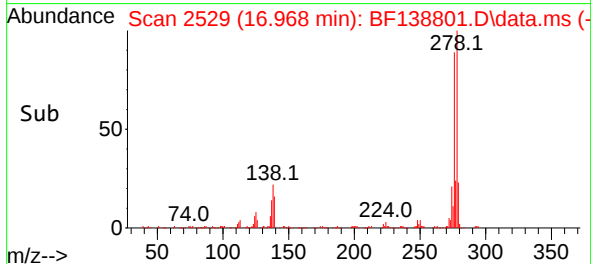
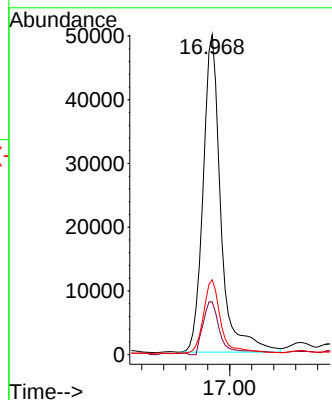
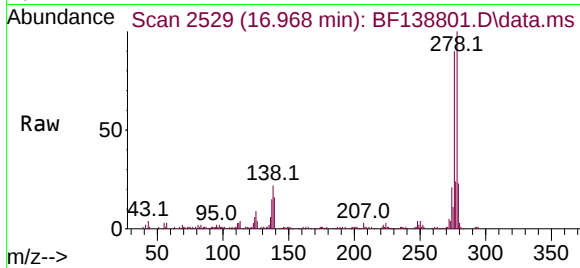




#91
Dibenzo(a,h)anthracene
Concen: 39.854 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:278 Resp: 111805
Ion Ratio Lower Upper
278 100
139 16.5 14.0 21.0
279 23.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.497 ng
RT: 17.403 min Scan# 2603
Delta R.T. 0.023 min
Lab File: BF138801.D
Acq: 05 Aug 2024 23:40

Tgt Ion:276 Resp: 109159
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 20.1 18.5 27.7

