

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138893.D
 Acq On : 09 Aug 2024 17:35
 Operator : RC/JU
 Sample : P3460-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929MS

Quant Time: Aug 09 18:09:31 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	6.839	152	52692	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	210319	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	110454	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	150028	20.000	ng	0.00
76) Chrysene-d12	14.004	240	83246	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	305536	89.509	ng	0.01
7) Phenol-d6	6.492	99	407677	88.956	ng	0.00
23) Nitrobenzene-d5	7.410	82	272026	63.236	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	75076	82.978	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	495470	67.398	ng	0.00
79) Terphenyl-d14	12.939	244	327568	65.881	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	51520	34.475	ng	96
3) Pyridine	3.457	79	133492	36.875	ng	97
4) n-Nitrosodimethylamine	3.428	42	111870	51.885	ng	83
6) Aniline	6.504	93	109687	26.837	ng	# 1
8) 2-Chlorophenol	6.634	128	177119	49.318	ng	97
9) Benzaldehyde	6.398	77	7076	2.576	ng	94
10) Phenol	6.504	94	222784	46.170	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	170351	45.877	ng	98
12) 1,3-Dichlorobenzene	6.781	146	184747	45.956	ng	98
13) 1,4-Dichlorobenzene	6.857	146	191930	47.308	ng	99
14) 1,2-Dichlorobenzene	7.010	146	181814	47.953	ng	100
15) Benzyl Alcohol	6.992	79	169317	51.260	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	292689	45.802	ng	52
17) 2-Methylphenol	7.110	107	142800	48.153	ng	# 85
18) Hexachloroethane	7.345	117	74183	48.576	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	140932	50.915	ng	97
20) 3+4-Methylphenols	7.263	107	190185	49.984	ng	# 77
22) Acetophenone	7.257	105	241404	46.878	ng	96
24) Nitrobenzene	7.428	77	205442	46.933	ng	99
25) Isophorone	7.669	82	365558	49.767	ng	99
26) 2-Nitrophenol	7.745	139	93981	49.903	ng	97
27) 2,4-Dimethylphenol	7.786	122	119397	52.988	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	213446	47.717	ng	99
29) 2,4-Dichlorophenol	7.992	162	144740	49.989	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	163241	48.854	ng	98
31) Naphthalene	8.145	128	526559	47.564	ng	99
32) Benzoic acid	7.904	122	10014	5.654	ng	98
33) 4-Chloroaniline	8.198	127	58574	15.762	ng	98
34) Hexachlorobutadiene	8.251	225	99898	49.360	ng	99
35) Caprolactam	8.586	113	23529	27.234	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	160337	48.454	ng	99
37) 2-Methylnaphthalene	8.833	142	342529	48.991	ng	99
38) 1-Methylnaphthalene	8.933	142	308929	45.091	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	147320	48.014	ng	99
41) Hexachlorocyclopentadiene	8.980	237	83066	100.342	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	87163	46.592	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94311	46.115	ng	98
46) 1,1'-Biphenyl	9.298	154	399624	46.196	ng	99
47) 2-Chloronaphthalene	9.327	162	311646	48.439	ng	100
48) 2-Nitroaniline	9.427	65	110247	50.546	ng	98
49) Acenaphthylene	9.739	152	468744	51.370	ng	99
50) Dimethylphthalate	9.604	163	376103	53.253	ng	99
51) 2,6-Dinitrotoluene	9.675	165	78531	49.270	ng	97
52) Acenaphthene	9.910	154	283534	46.224	ng	100
53) 3-Nitroaniline	9.839	138	53457	32.443	ng	98
54) 2,4-Dinitrophenol	9.957	184	18693	25.477	ng	85
55) Dibenzofuran	10.080	168	418623	48.347	ng	98
56) 4-Nitrophenol	10.022	139	69547	70.188	ng	90
57) 2,4-Dinitrotoluene	10.075	165	100573	49.457	ng	# 84
58) Fluorene	10.427	166	327261	47.462	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	61509	39.339	ng	97
60) Diethylphthalate	10.298	149	359822	53.733	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	167445	49.376	ng	97
62) 4-Nitroaniline	10.457	138	69121	44.143	ng	88
63) Azobenzene	10.574	77	349089	47.002	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	28182	30.790	ng	92
66) n-Nitrosodiphenylamine	10.539	169	275051	58.652	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	90277	55.578	ng	98
68) Hexachlorobenzene	10.974	284	86342	51.482	ng	97
69) Atrazine	11.063	200	79706	65.878	ng	98
70) Pentachlorophenol	11.174	266	36872	48.775	ng	95
71) Phenanthrene	11.386	178	394611	51.081	ng	100
72) Anthracene	11.439	178	400313	52.601	ng	100
73) Carbazole	11.598	167	317770	48.397	ng	99
74) Di-n-butylphthalate	11.916	149	454820	61.619	ng	100
75) Fluoranthene	12.574	202	325191	45.090	ng	98
77) Benzidine	12.698	184	70073	35.193	ng	98
78) Pyrene	12.804	202	318529	40.640	ng	99
80) Butylbenzylphthalate	13.410	149	142408	56.738	ng	98
81) Benzo(a)anthracene	13.992	228	289475	50.497	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	52636	35.881	ng	100
83) Chrysene	14.027	228	259871	50.248	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	208101	56.621	ng	99
85) Di-n-octyl phthalate	14.574	149	376307	55.340	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	205180	34.179	ng	97
88) Benzo(b)fluoranthene	15.039	252	262580	50.566	ng	98
89) Benzo(k)fluoranthene	15.068	252	253171	56.310	ng	99
90) Benzo(a)pyrene	15.404	252	231786	53.065	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	169166	34.329	ng	98
92) Benzo(g,h,i)perylene	17.380	276	149355	29.207	ng	95

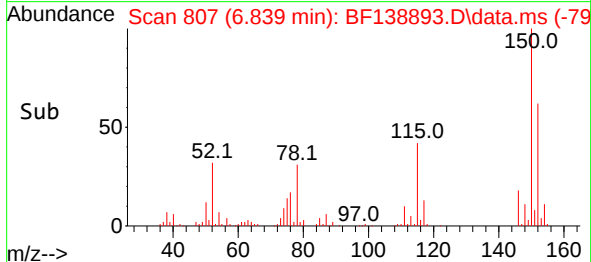
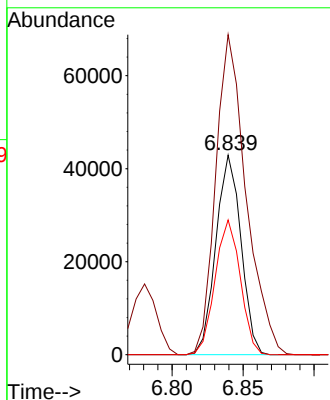
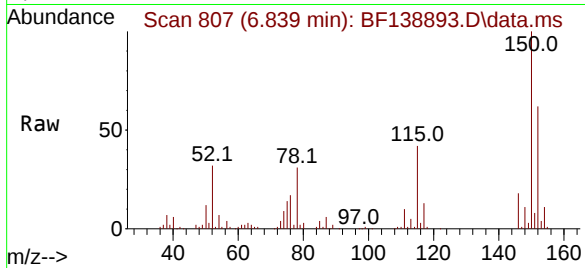
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

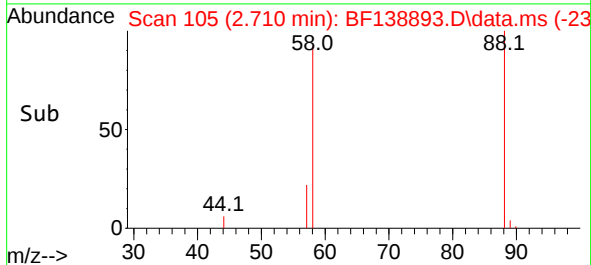
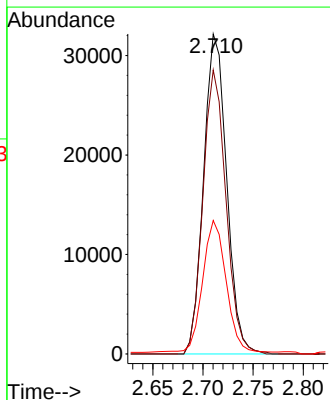
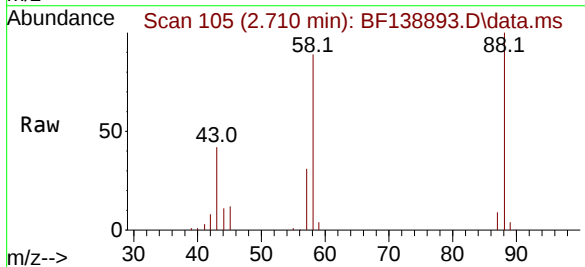
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MS

Tgt Ion:152 Resp: 52692
 Ion Ratio Lower Upper
 152 100
 150 160.4 126.0 189.0
 115 67.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 34.475 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.135 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

Tgt Ion: 88 Resp: 51520
 Ion Ratio Lower Upper
 88 100
 58 88.5 71.6 107.4
 43 41.8 28.7 43.1





#3

Pyridine

Concen: 36.875 ng

RT: 3.457 min Scan# 211

Delta R.T. 0.123 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

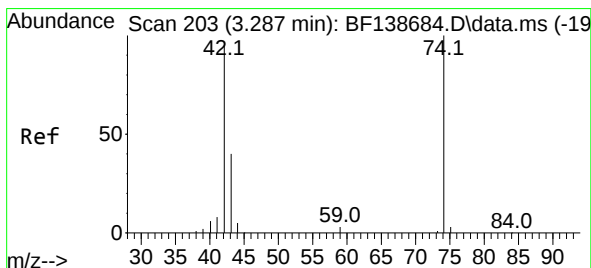
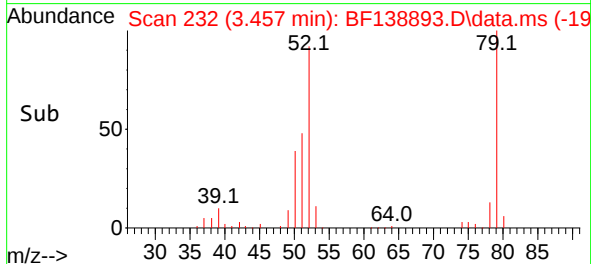
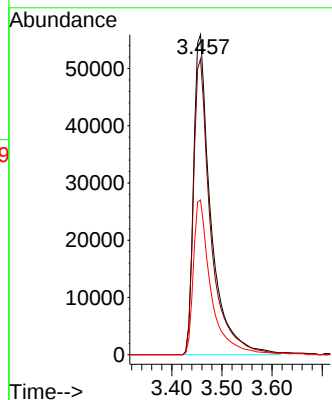
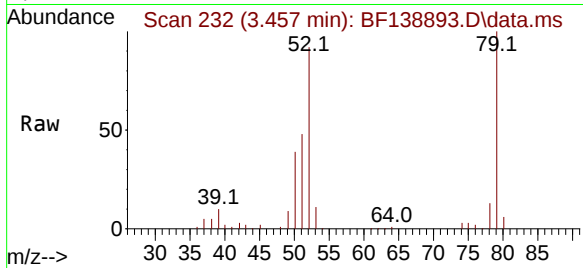
BNA_F

ClientSampleId :

72-11929MS

Tgt Ion: 79 Resp: 133492

Ion	Ratio	Lower	Upper
79	100		
52	92.4	74.7	112.1
51	48.4	34.6	51.8



#4

n-Nitrosodimethylamine

Concen: 51.885 ng

RT: 3.428 min Scan# 227

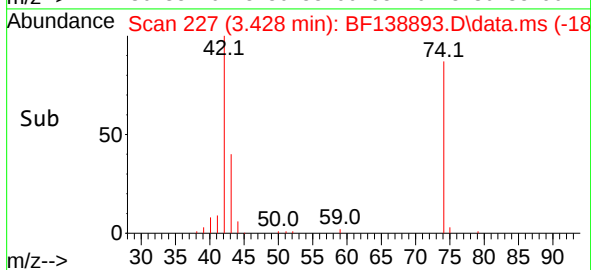
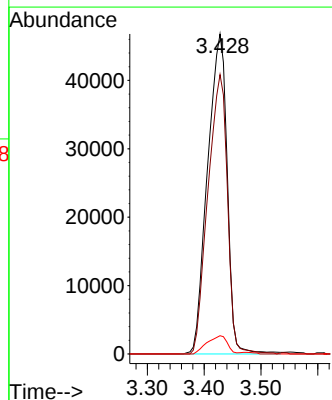
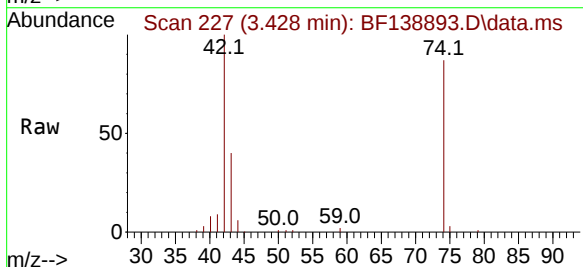
Delta R.T. 0.141 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Tgt Ion: 42 Resp: 111870

Ion	Ratio	Lower	Upper
42	100		
74	87.3	84.2	126.4
44	5.7	4.9	7.3

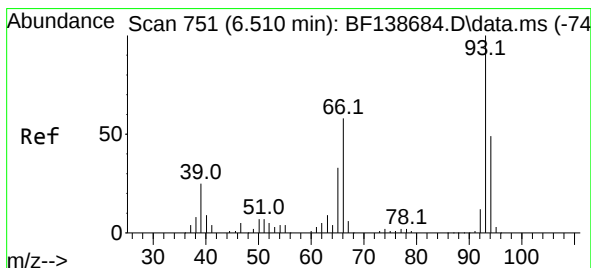
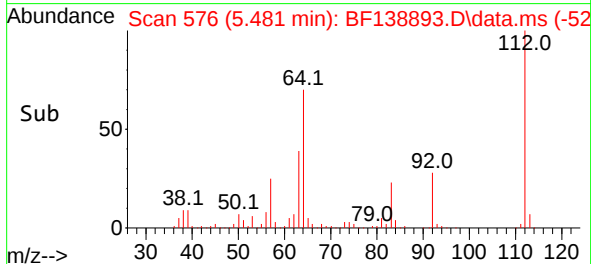
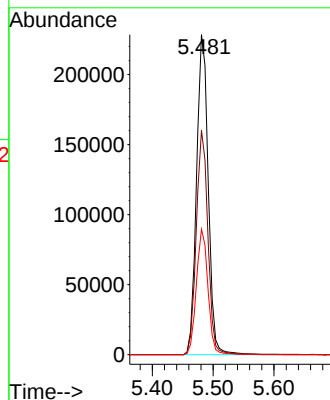
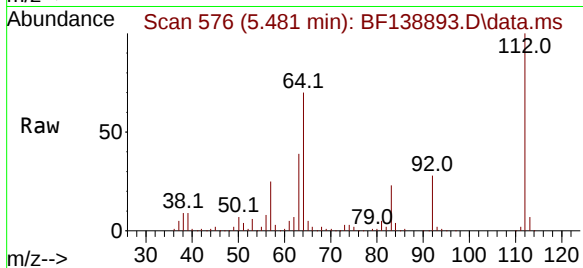




#5
2-Fluorophenol
Concen: 89.509 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

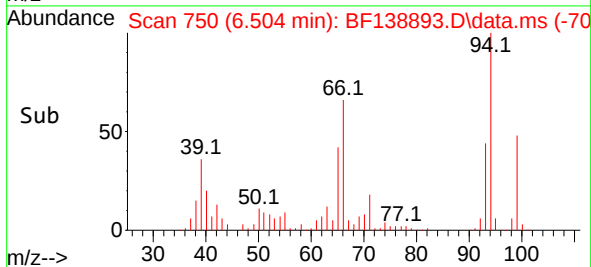
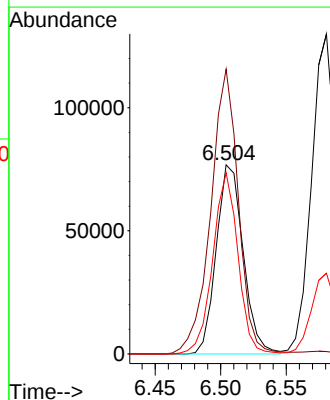
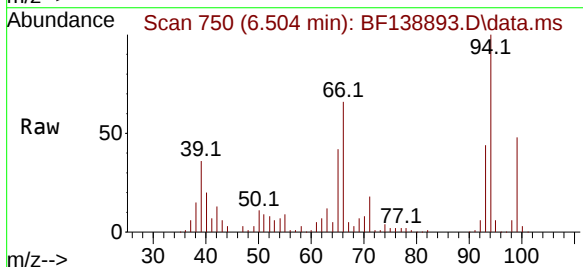
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:112 Resp: 305536
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 39.2 28.7 43.1



#6
Aniline
Concen: 26.837 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 93 Resp: 109687
Ion Ratio Lower Upper
93 100
66 150.6 46.9 70.3#
65 95.8 26.5 39.7#

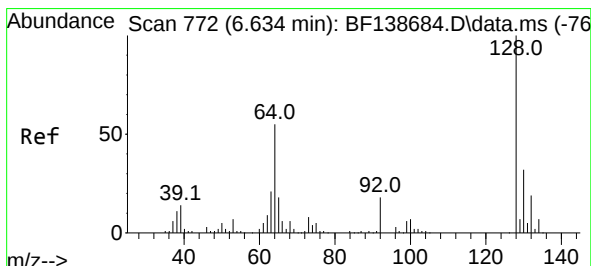
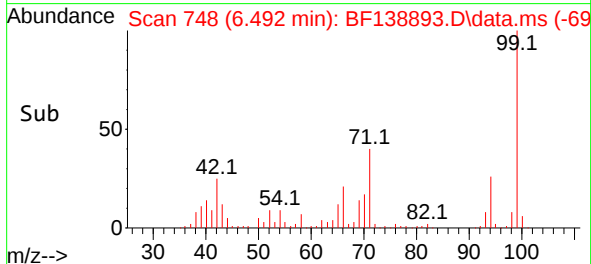
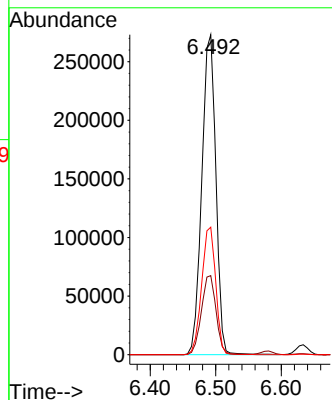
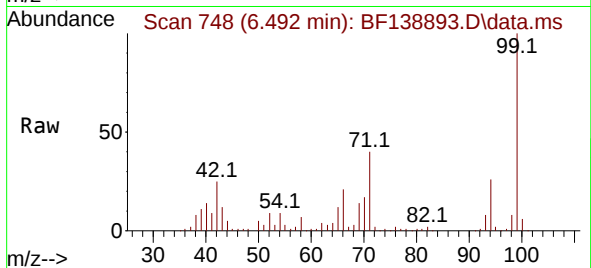




#7
Phenol-d6
Concen: 88.956 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

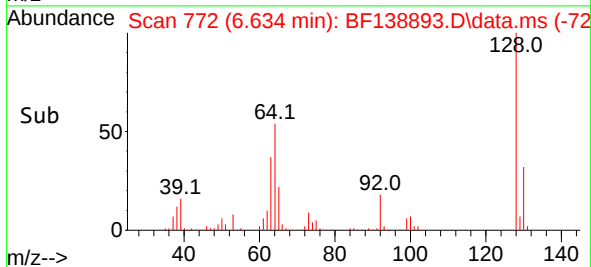
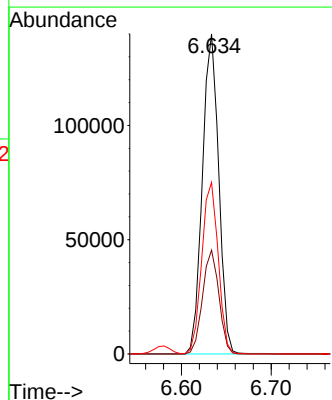
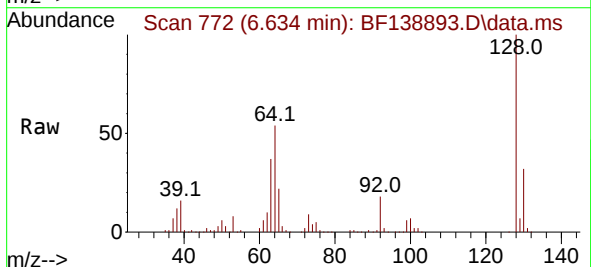
Instrument :
BNA_F
ClientSampleId :
72-11929MS

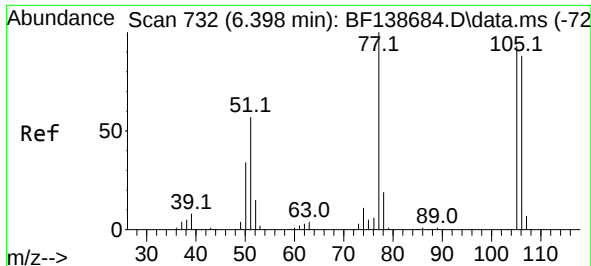
Tgt Ion: 99 Resp: 407677
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 49.318 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 128 Resp: 177119
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 53.6 36.3 76.3





#9

Benzaldehyde

Concen: 2.576 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

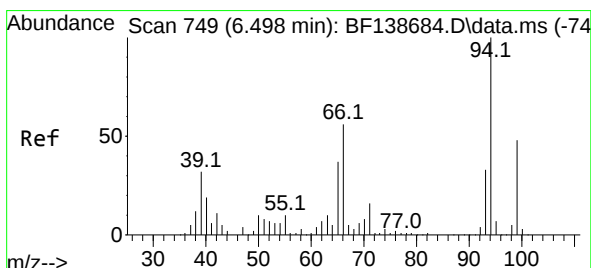
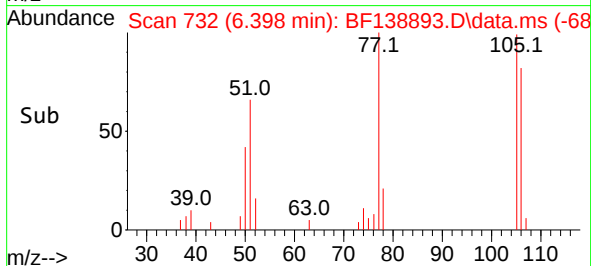
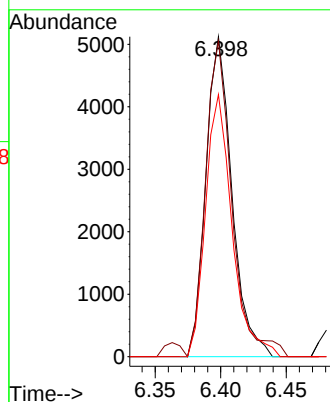
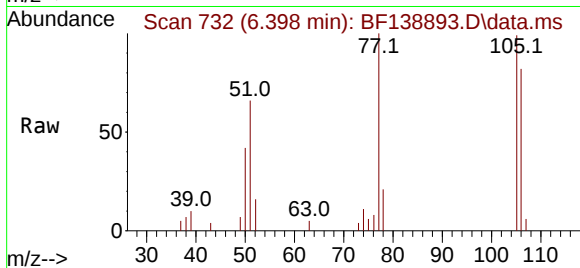
Tgt Ion: 77 Resp: 7076

Ion Ratio Lower Upper

77 100

105 98.6 72.9 112.9

106 81.9 68.4 108.4



#10

Phenol

Concen: 46.170 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

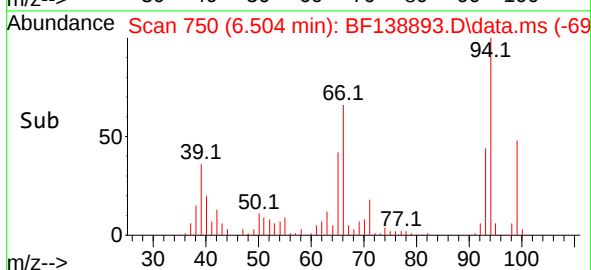
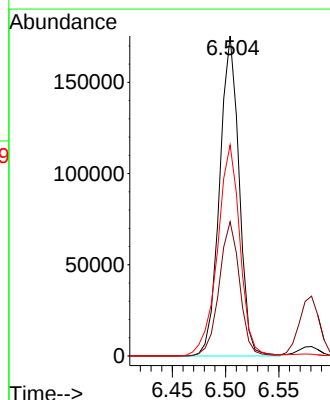
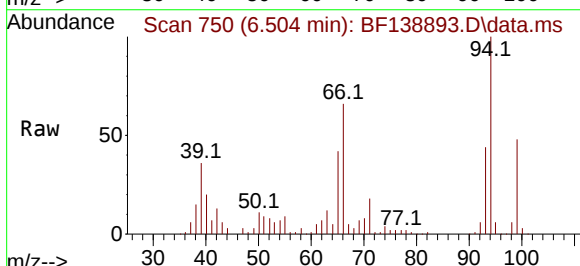
Tgt Ion: 94 Resp: 222784

Ion Ratio Lower Upper

94 100

65 41.9 16.9 56.9

66 65.9 36.5 76.5

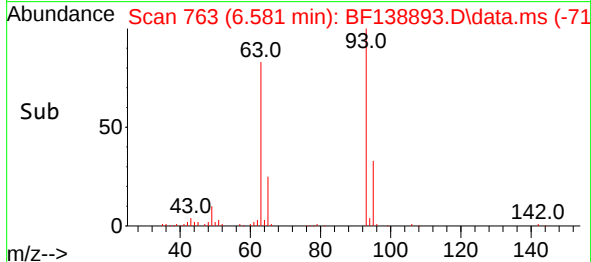
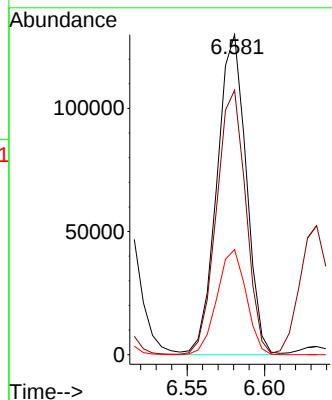
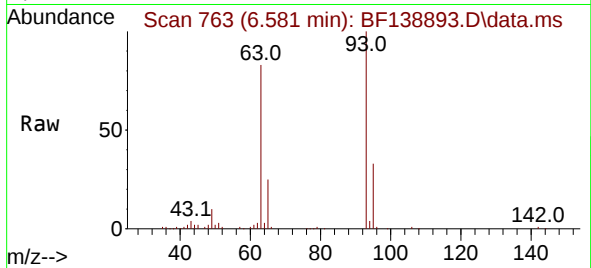




#11
bis(2-Chloroethyl)ether
Concen: 45.877 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

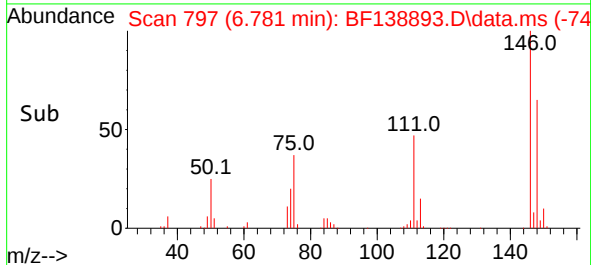
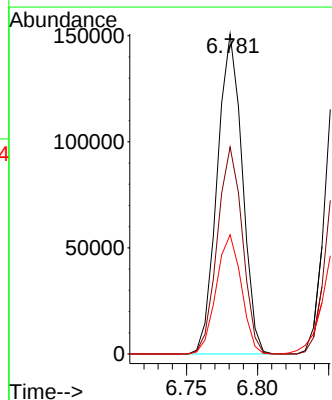
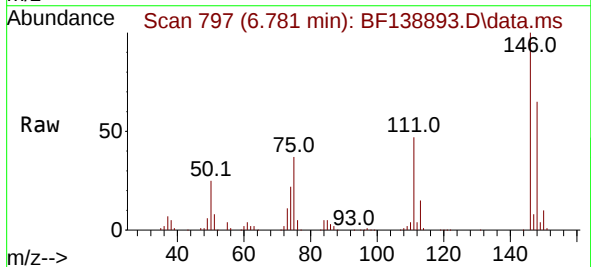
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion: 93 Resp: 170351
Ion Ratio Lower Upper
93 100
63 82.6 65.3 105.3
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.956 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:146 Resp: 184747
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 37.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.308 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

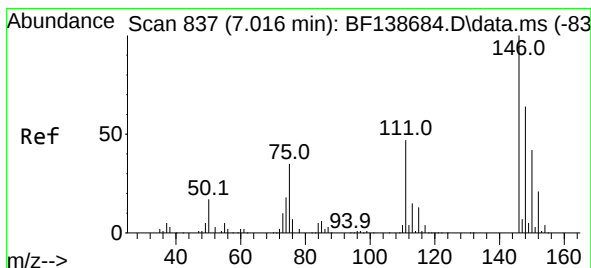
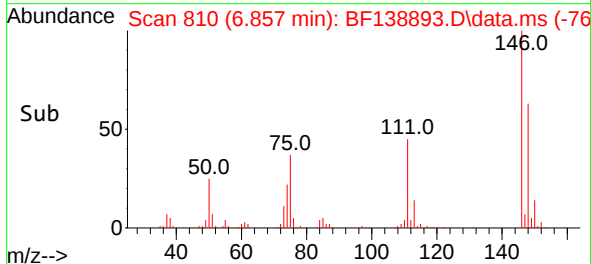
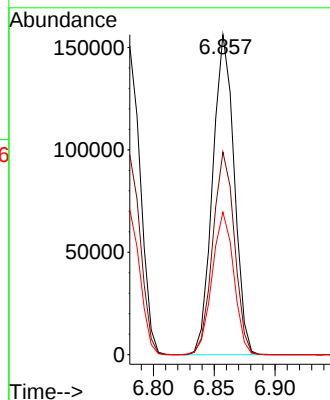
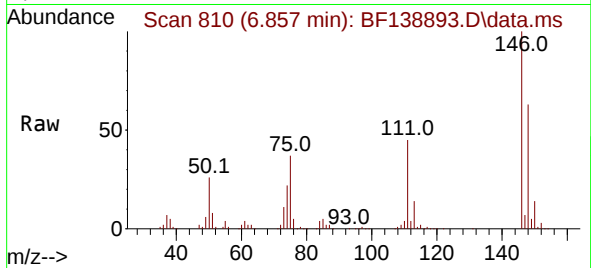
Tgt Ion:146 Resp: 191930

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 44.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.953 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

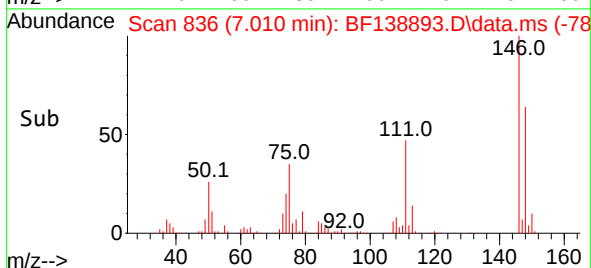
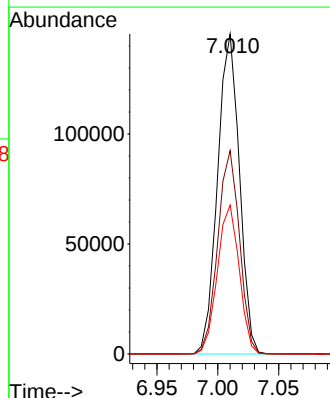
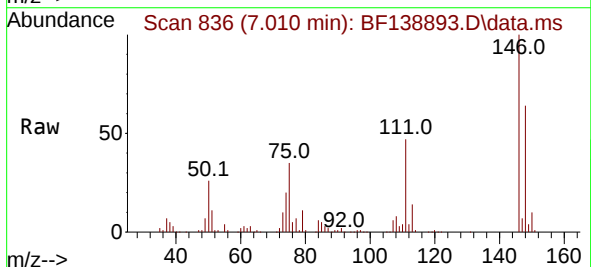
Tgt Ion:146 Resp: 181814

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 46.5 37.4 56.2

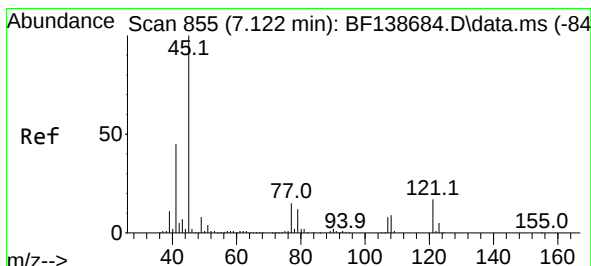
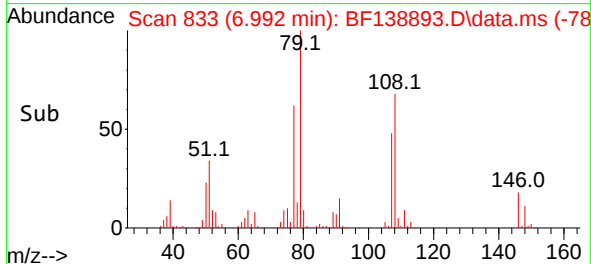
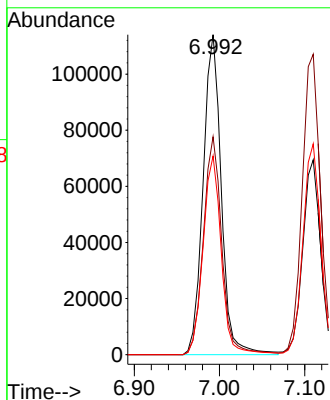
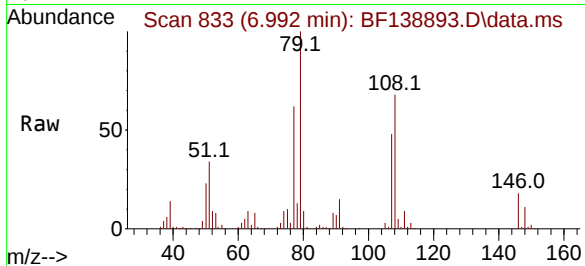




#15
Benzyl Alcohol
Concen: 51.260 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

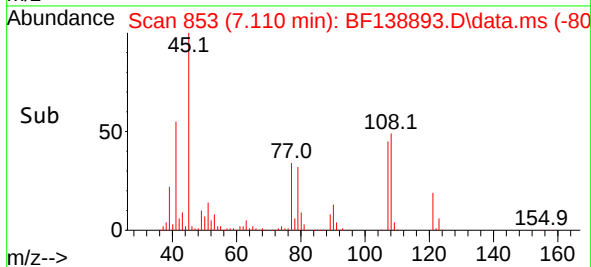
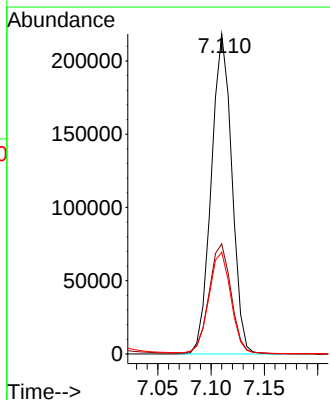
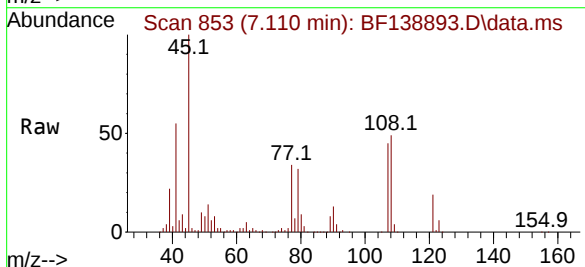
Instrument :
BNA_F
ClientSampleId :
72-11929MS

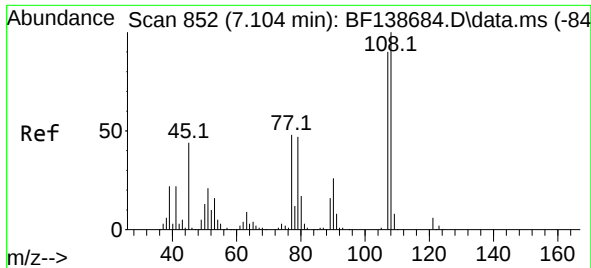
Tgt Ion: 79 Resp: 169317
Ion Ratio Lower Upper
79 100
108 68.1 56.6 85.0
77 62.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.802 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 45 Resp: 292689
Ion Ratio Lower Upper
45 100
77 34.4 0.0 34.9
79 31.8 0.0 32.2

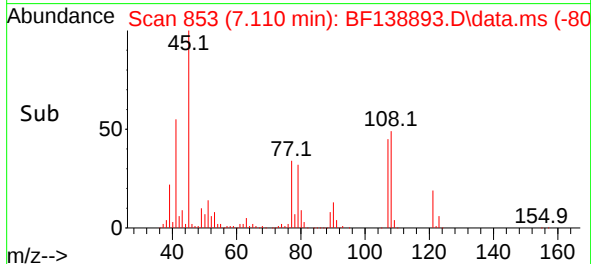
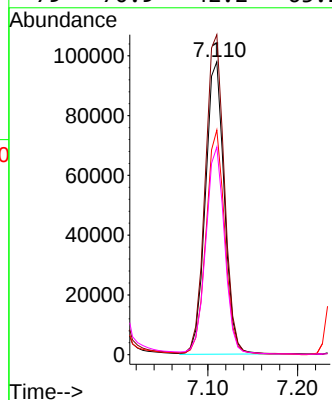
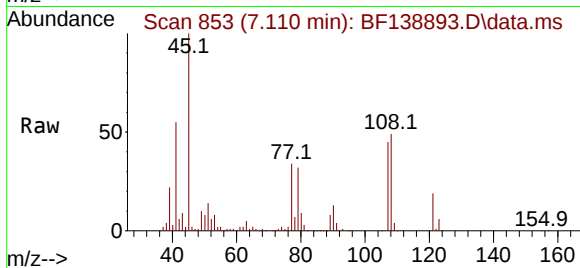




#17
2-Methylphenol
Concen: 48.153 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

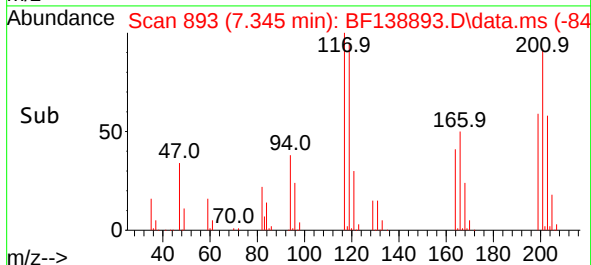
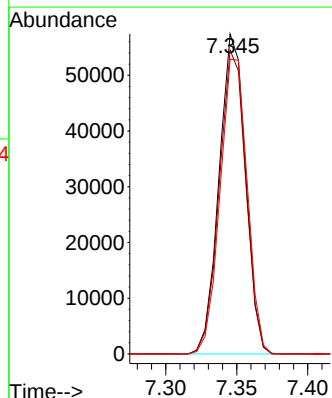
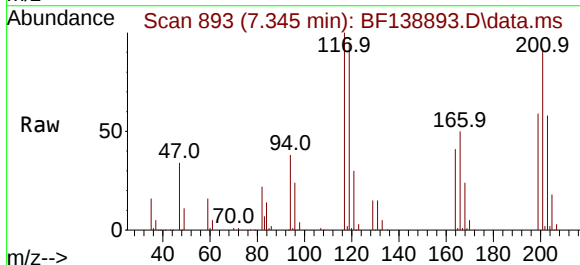
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:107 Resp: 142800
Ion Ratio Lower Upper
107 100
108 109.2 89.2 133.8
77 76.7 43.0 64.4#
79 70.9 42.2 63.2#



#18
Hexachloroethane
Concen: 48.576 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:117 Resp: 74183
Ion Ratio Lower Upper
117 100
119 94.9 74.6 111.8
201 92.2 77.2 115.8



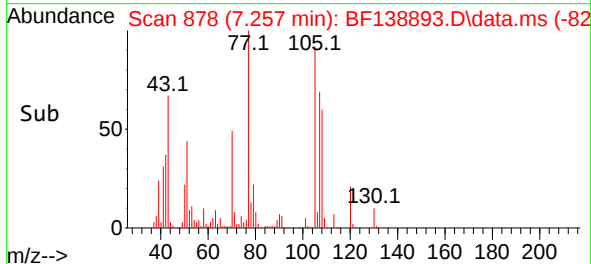
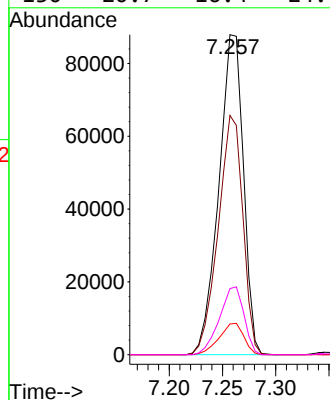
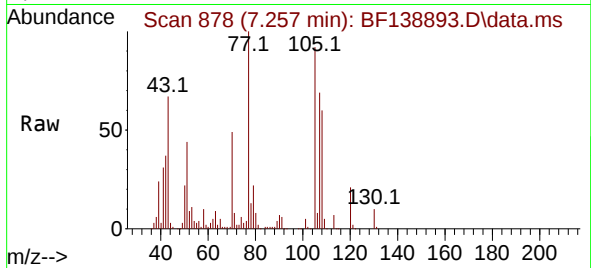


#19
n-Nitroso-di-n-propylamine
Concen: 50.915 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion: 70 Resp: 140932

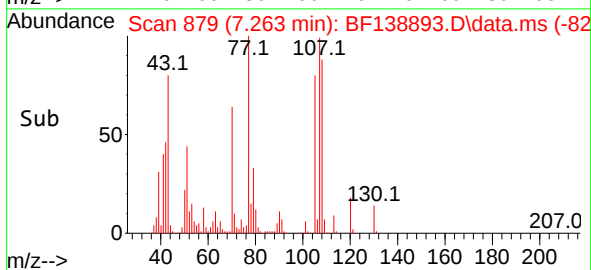
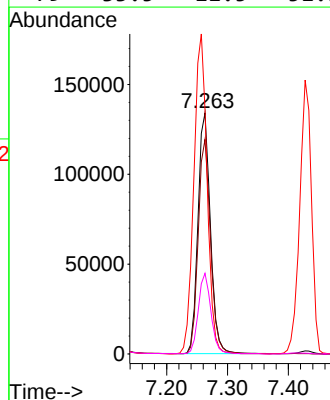
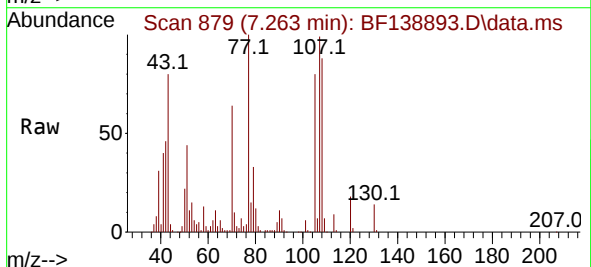
Ion	Ratio	Lower	Upper
70	100		
42	74.8	57.4	86.0
101	9.6	7.5	11.3
130	20.7	16.4	24.6

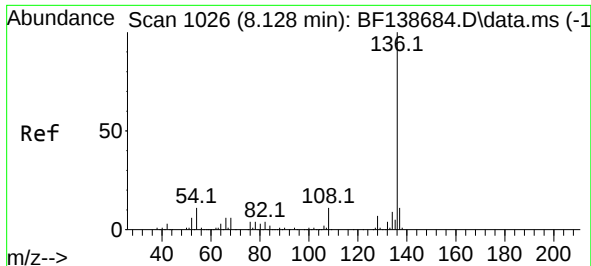


#20
3+4-Methylphenols
Concen: 49.984 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 107 Resp: 190185

Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	101.5	132.1	172.1#
79	33.5	11.5	51.5

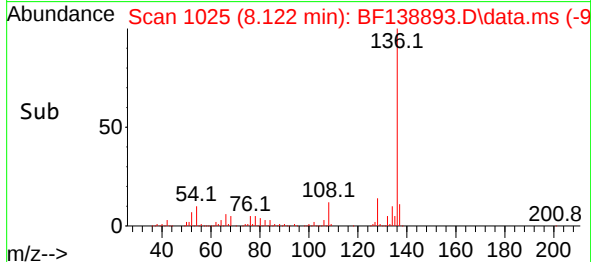
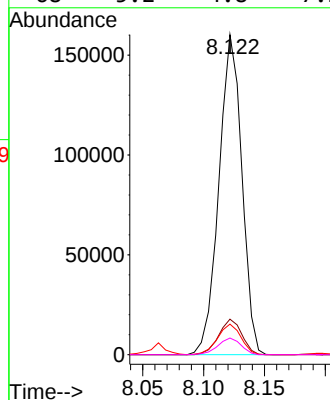
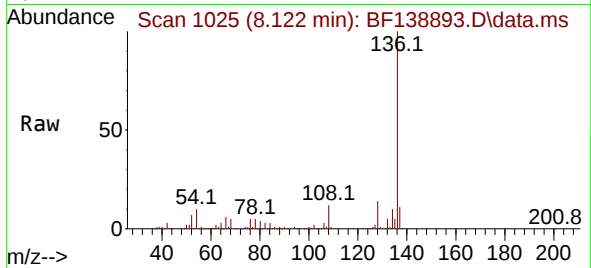




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

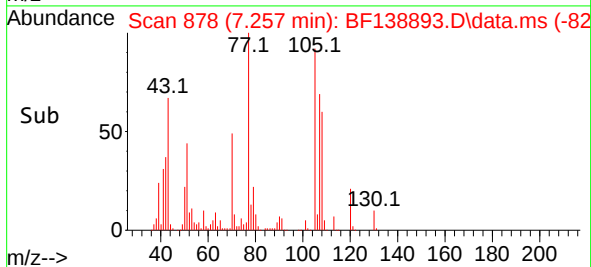
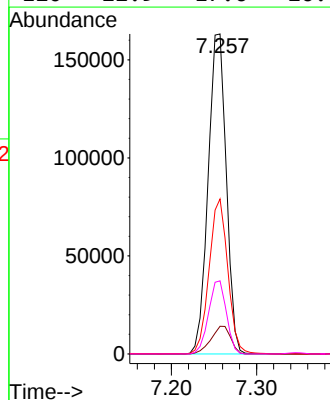
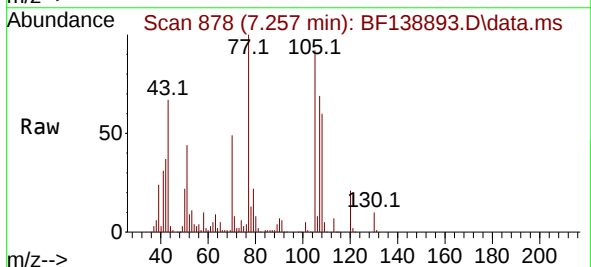
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:	136	Resp:	210319
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	8.6	12.8
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 46.878 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:	105	Resp:	241404
Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.2	10.8
51	48.5	35.9	53.9
120	22.9	17.6	26.4





#23

Nitrobenzene-d5

Concen: 63.236 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

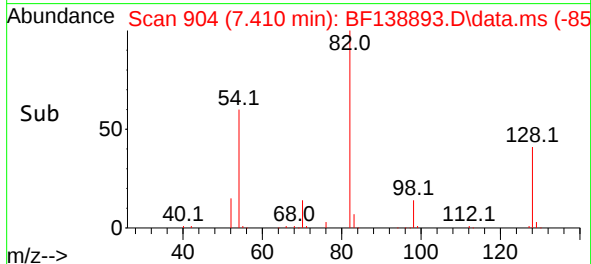
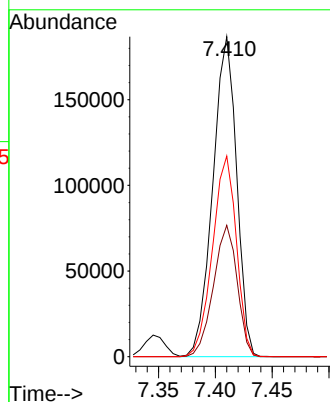
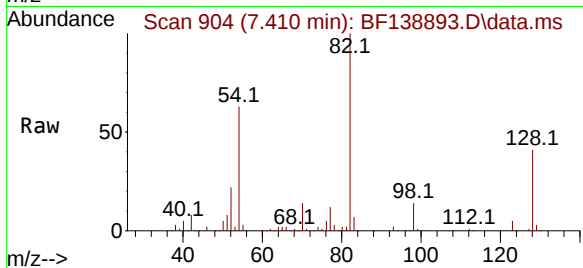
Tgt Ion: 82 Resp: 272026

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 62.7 48.3 72.5



#24

Nitrobenzene

Concen: 46.933 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

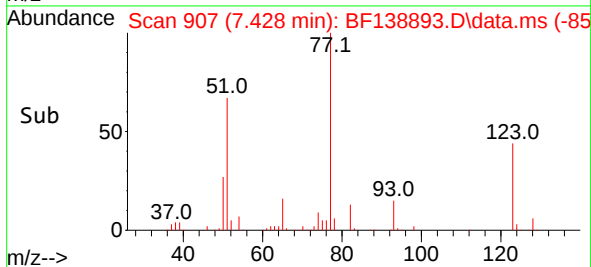
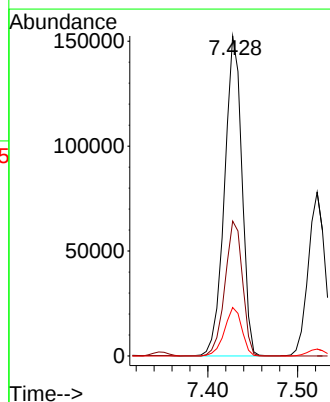
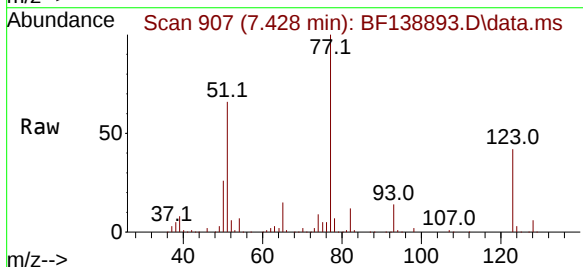
Tgt Ion: 77 Resp: 205442

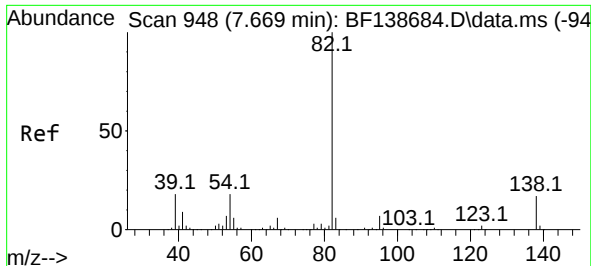
Ion Ratio Lower Upper

77 100

123 42.2 33.3 49.9

65 15.1 11.9 17.9

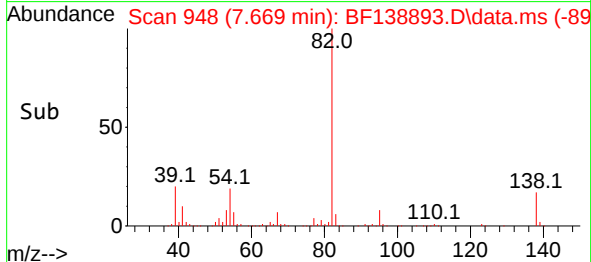
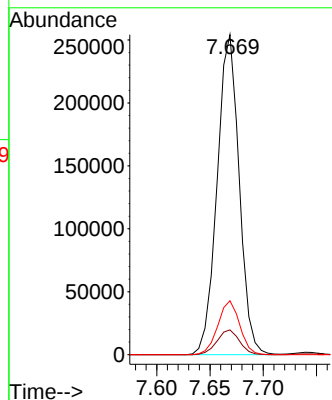
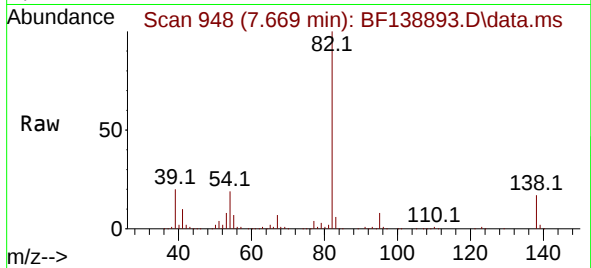




#25
Isophorone
Concen: 49.767 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

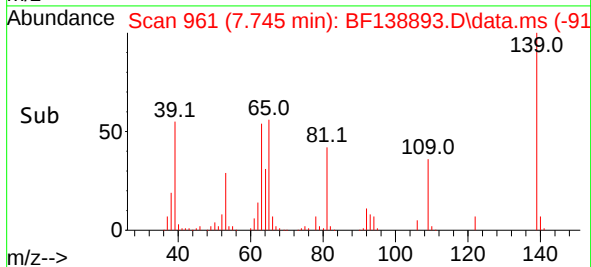
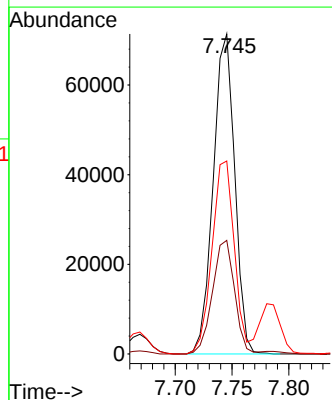
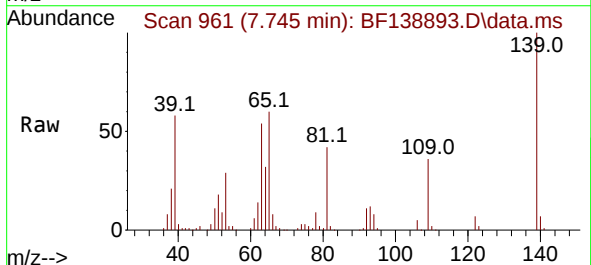
Instrument :
BNA_F
ClientSampleId :
72-11929MS

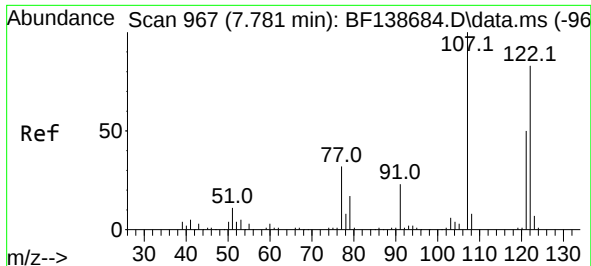
Tgt Ion: 82 Resp: 365558
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.8 13.7 20.5



#26
2-Nitrophenol
Concen: 49.903 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:139 Resp: 93981
Ion Ratio Lower Upper
139 100
109 35.5 25.9 38.9
65 60.3 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 52.988 ng

RT: 7.786 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

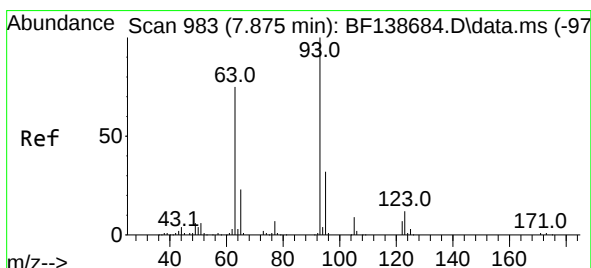
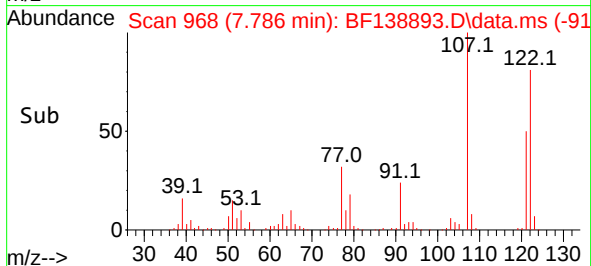
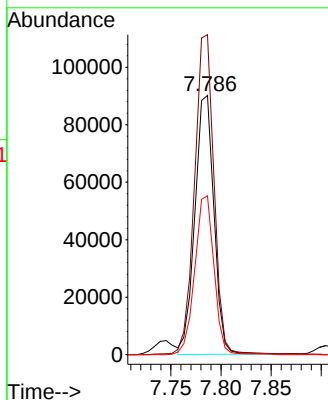
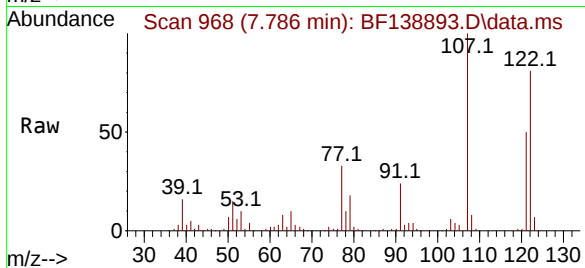
Tgt Ion:122 Resp: 119397

Ion Ratio Lower Upper

122 100

107 123.4 95.0 142.6

121 61.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.717 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

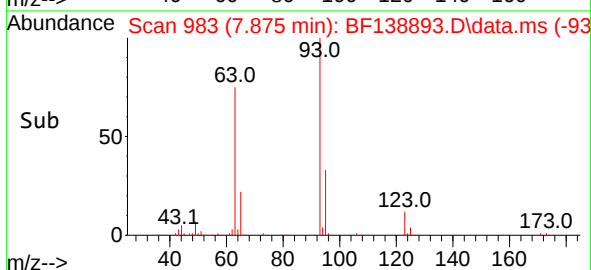
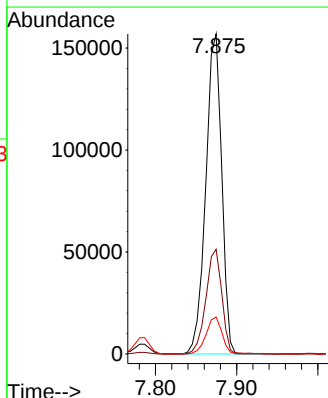
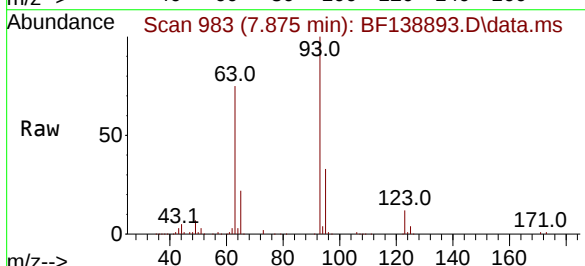
Tgt Ion: 93 Resp: 213446

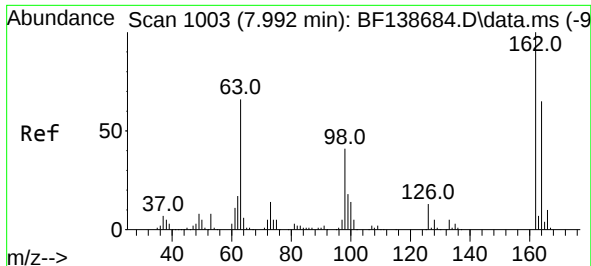
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.989 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

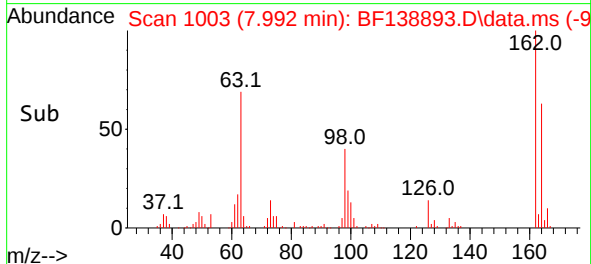
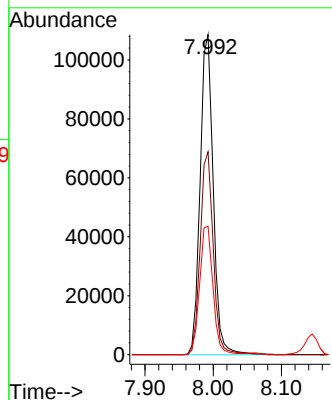
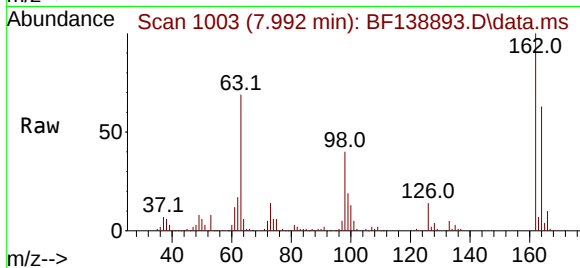
Tgt Ion:162 Resp: 144740

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

98 40.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 48.854 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

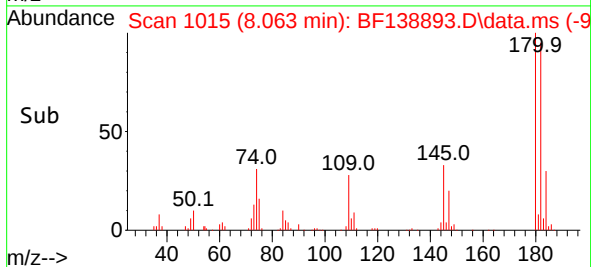
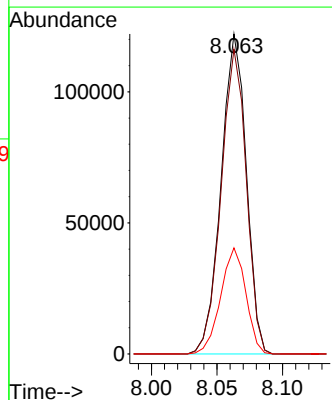
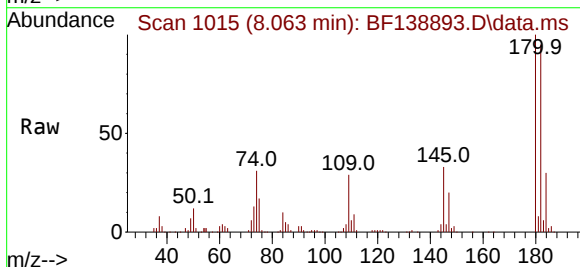
Tgt Ion:180 Resp: 163241

Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

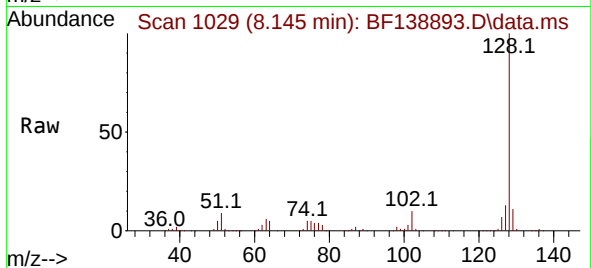
145 33.2 25.0 37.4



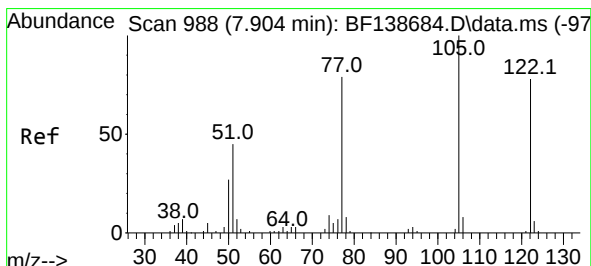
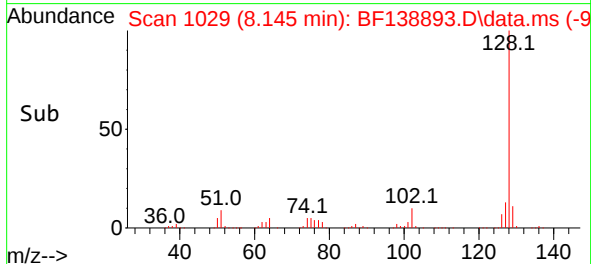
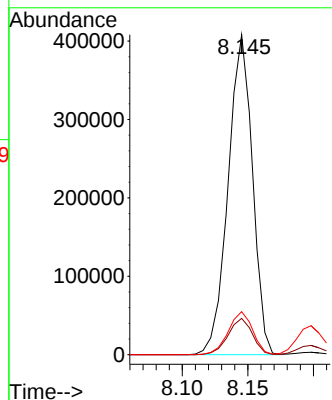


#31
Naphthalene
Concen: 47.564 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
72-11929MS

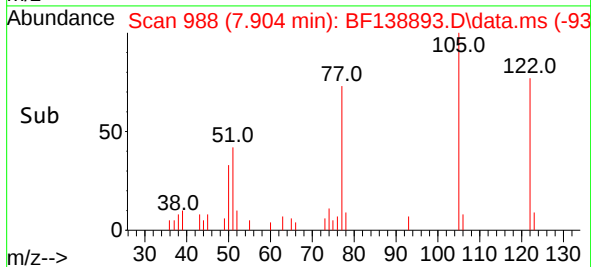
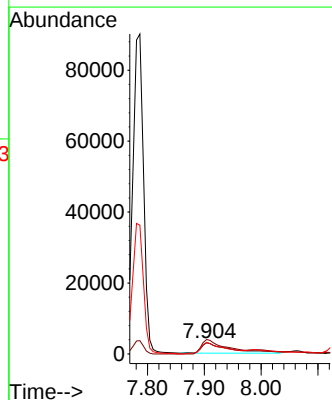
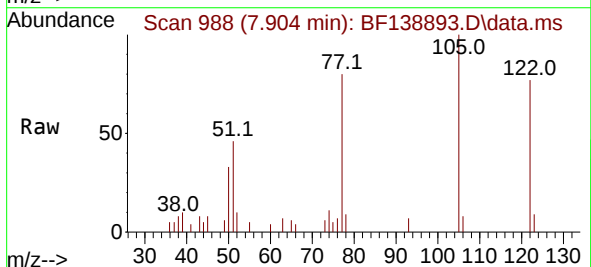


Tgt Ion:128 Resp: 526559
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 5.654 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:122 Resp: 10014
Ion Ratio Lower Upper
122 100
105 129.6 106.7 146.7
77 103.4 81.1 121.1

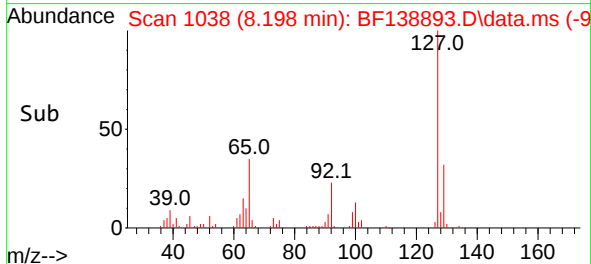
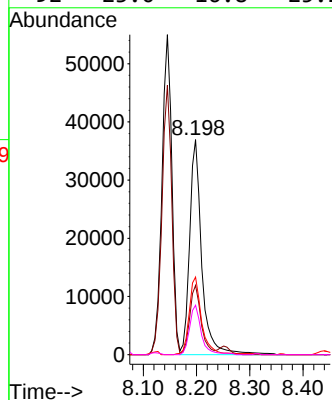
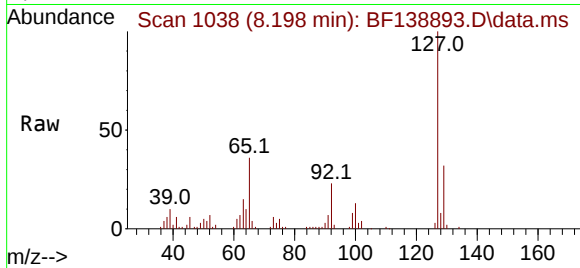




#33
4-Chloroaniline
Concen: 15.762 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

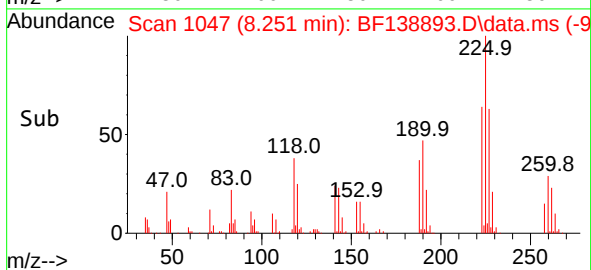
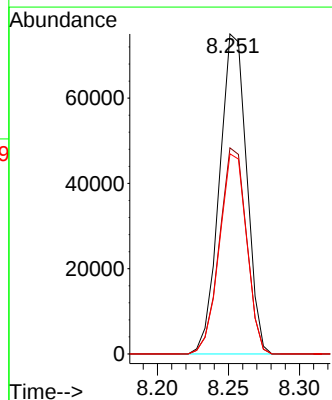
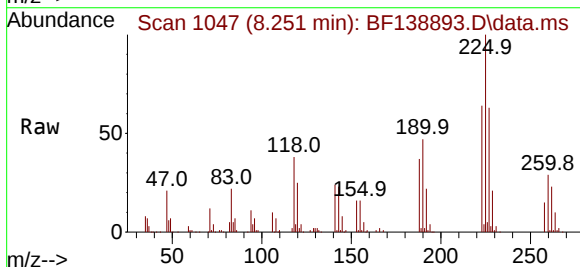
Instrument :
BNA_F
ClientSampleId :
72-11929MS

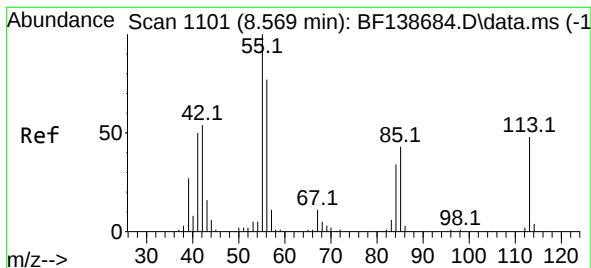
Tgt Ion:	127	Resp:	58574
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.9	38.9
65	36.1	27.6	41.4
92	23.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 49.360 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:	225	Resp:	99898
Ion Ratio	Lower	Upper	
225	100		
223	64.4	51.2	76.8
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 27.234 ng

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

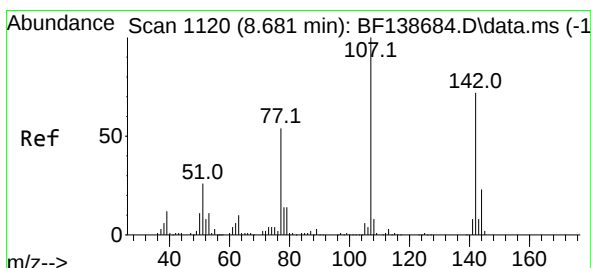
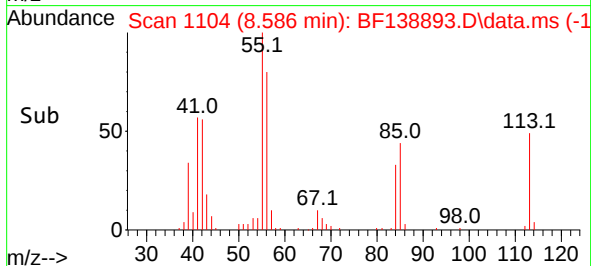
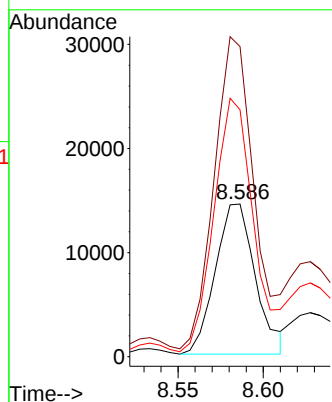
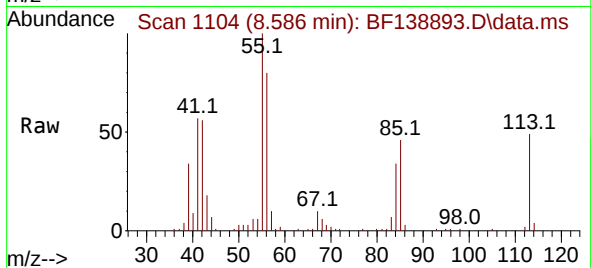
Tgt Ion:113 Resp: 23529

Ion Ratio Lower Upper

113 100

55 203.0 186.7 226.7

56 161.7 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 48.454 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

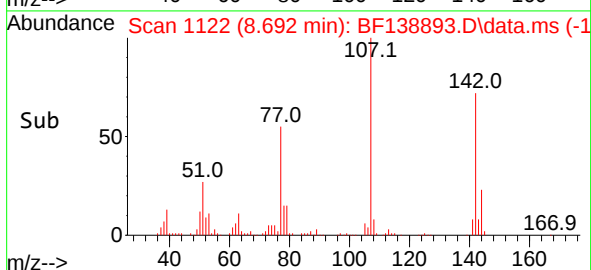
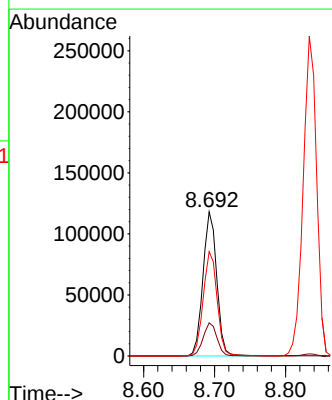
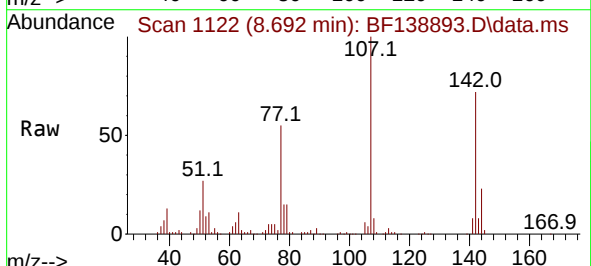
Tgt Ion:107 Resp: 160337

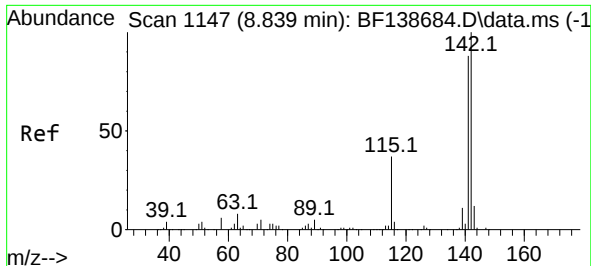
Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.2

142 72.4 57.4 86.2





#37

2-Methylnaphthalene

Concen: 48.991 ng

RT: 8.833 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

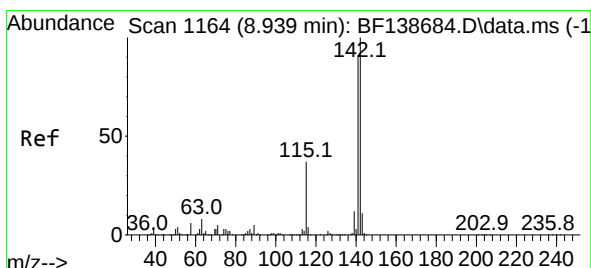
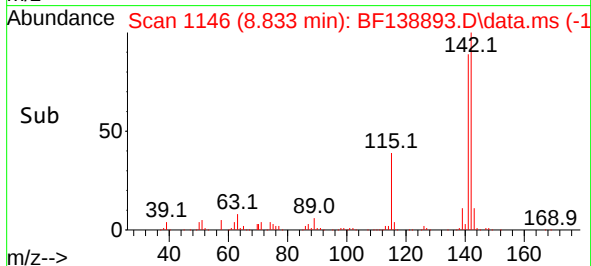
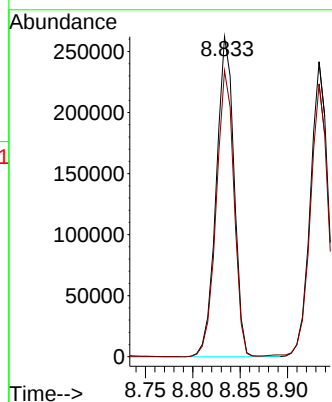
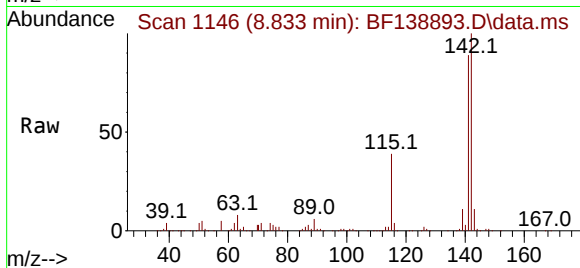
72-11929MS

Tgt Ion:142 Resp: 342529

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 45.091 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138893.D

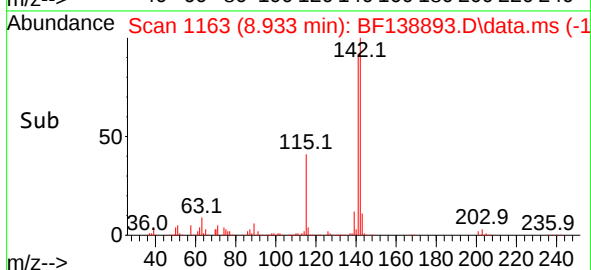
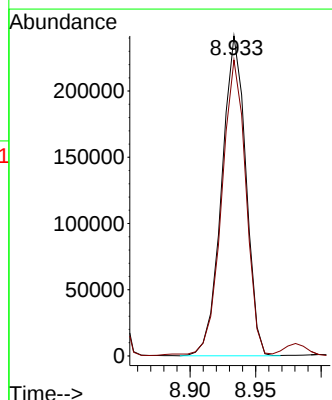
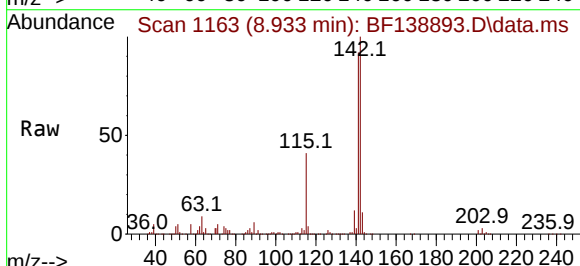
Acq: 09 Aug 2024 17:35

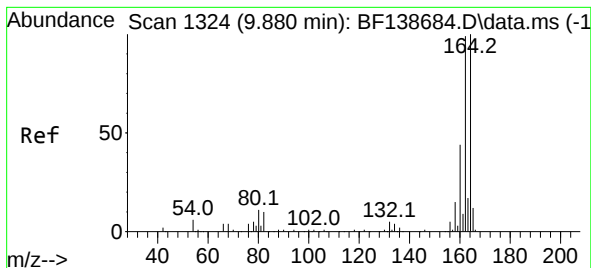
Tgt Ion:142 Resp: 308929

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

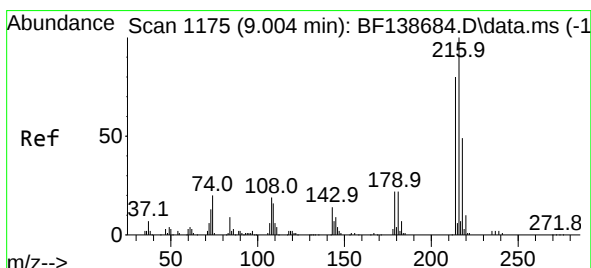
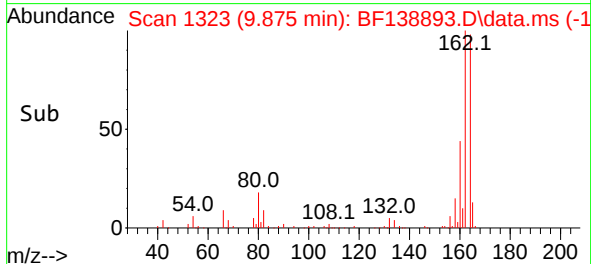
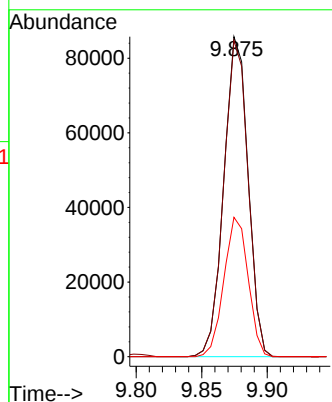
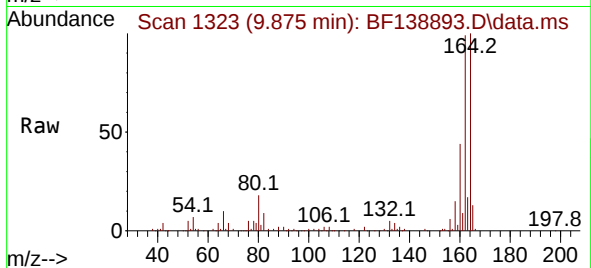
Tgt Ion:164 Resp: 110454

Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.014 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Tgt Ion:216 Resp: 147320

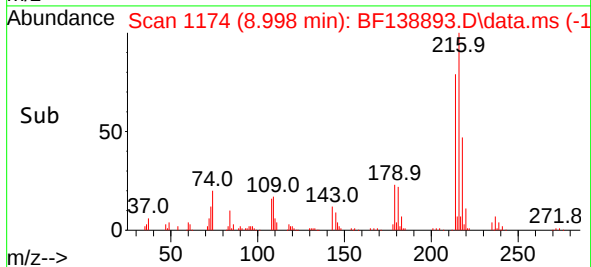
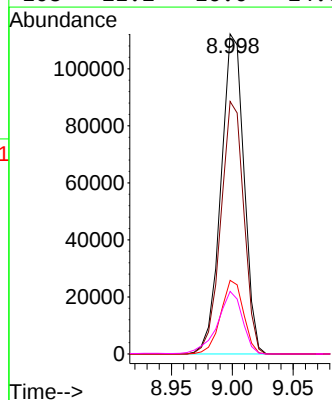
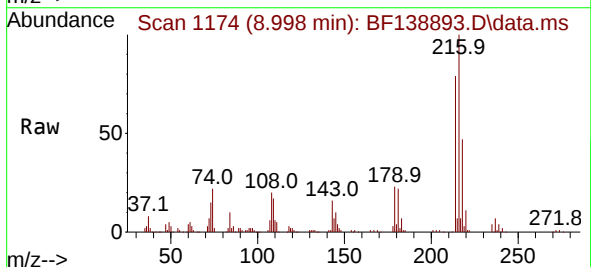
Ion Ratio Lower Upper

216 100

214 78.8 63.9 95.9

179 22.8 17.8 26.6

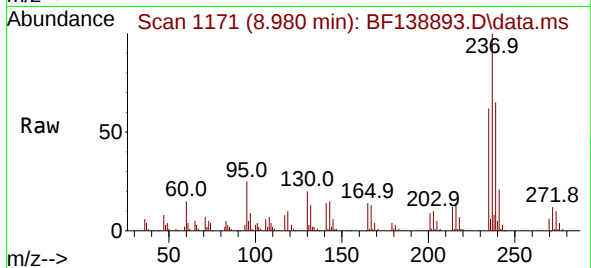
108 21.2 16.0 24.0



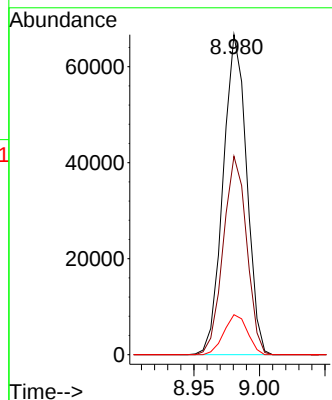
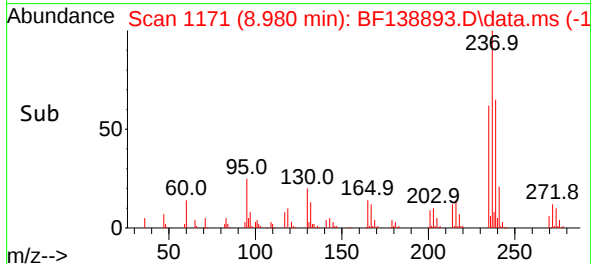


#41
Hexachlorocyclopentadiene
Concen: 100.342 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
72-11929MS

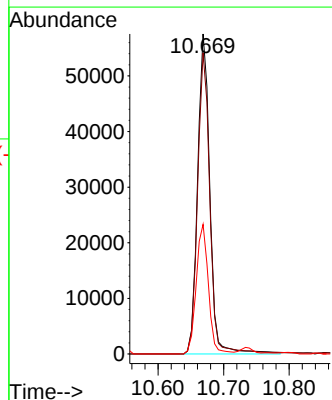
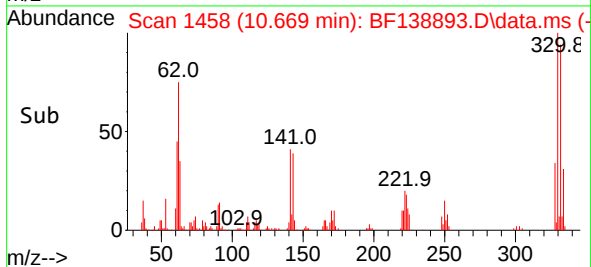
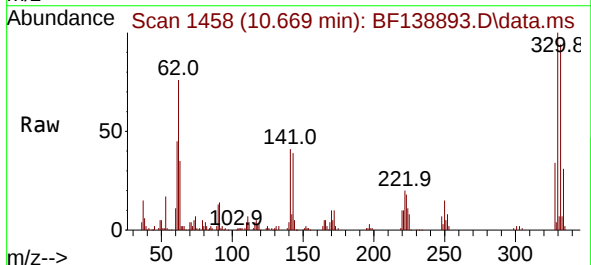


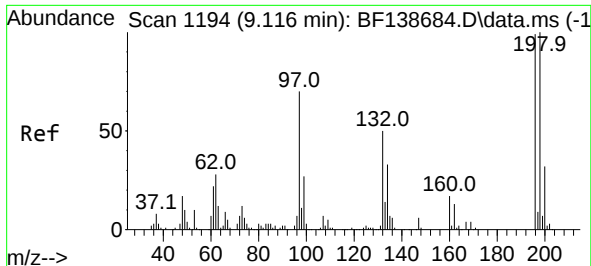
Tgt Ion:237 Resp: 83066
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 12.5 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 82.978 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:330 Resp: 75076
Ion Ratio Lower Upper
330 100
332 93.9 76.4 114.6
141 40.1 31.1 46.7

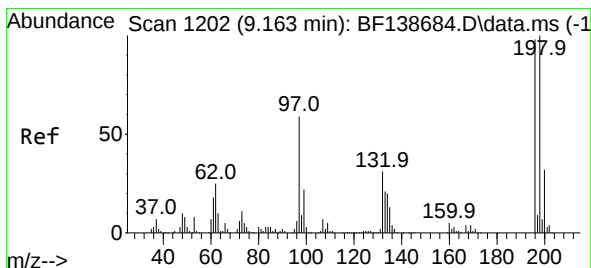
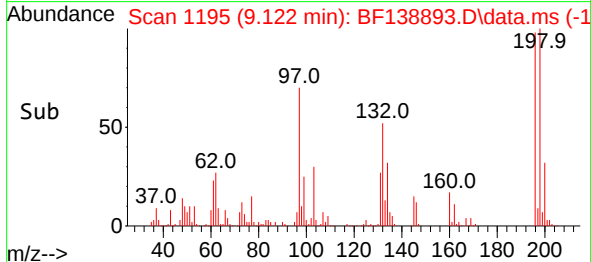
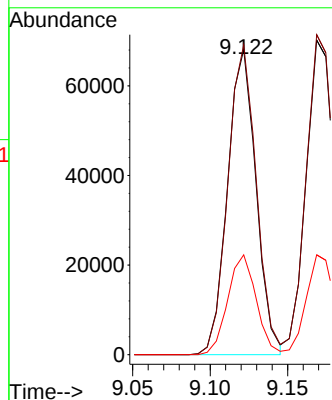
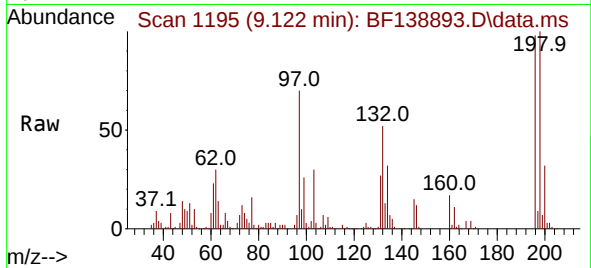




#43
2,4,6-Trichlorophenol
Concen: 46.592 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

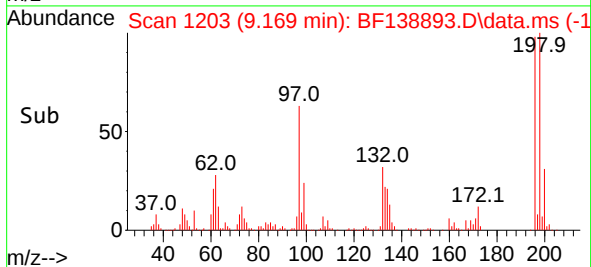
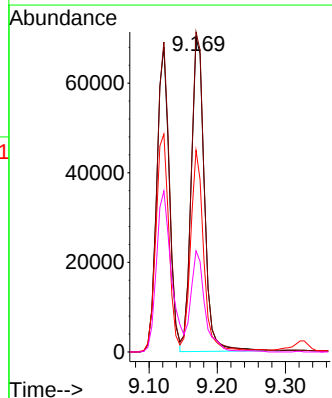
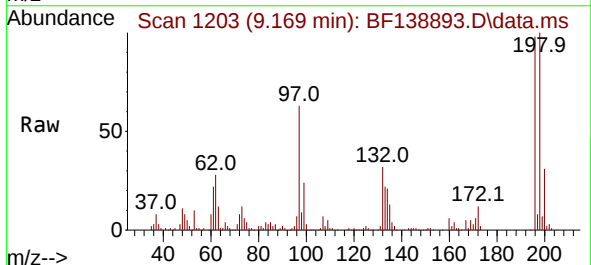
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:196 Resp: 87163
Ion Ratio Lower Upper
196 100
198 101.6 80.5 120.7
200 32.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 46.115 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:196 Resp: 94311
Ion Ratio Lower Upper
196 100
198 101.7 81.2 121.8
97 64.1 47.8 71.6
132 32.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 67.398 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

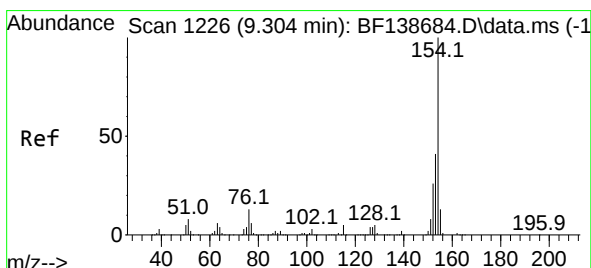
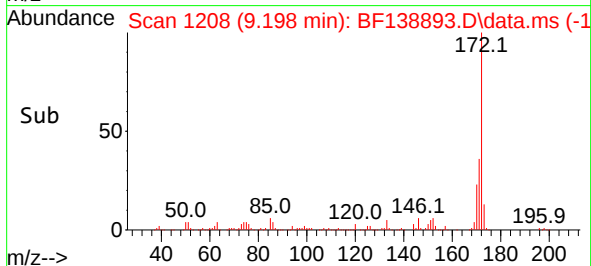
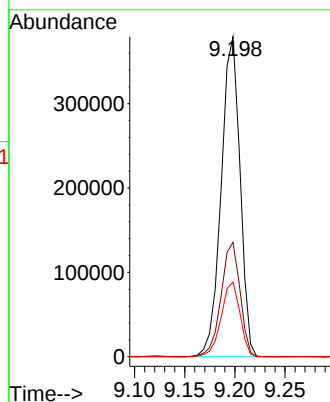
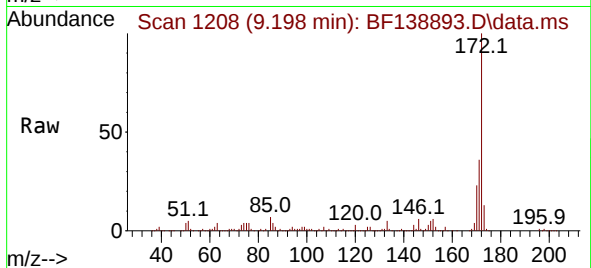
Tgt Ion:172 Resp: 495470

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: 46.196 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

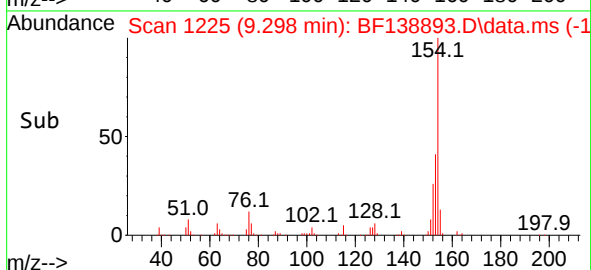
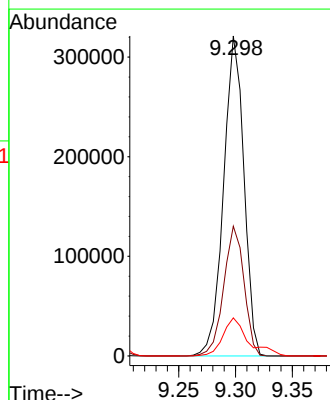
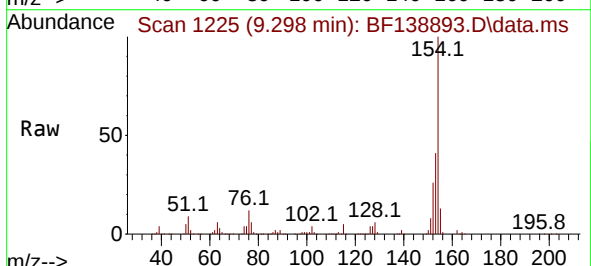
Tgt Ion:154 Resp: 399624

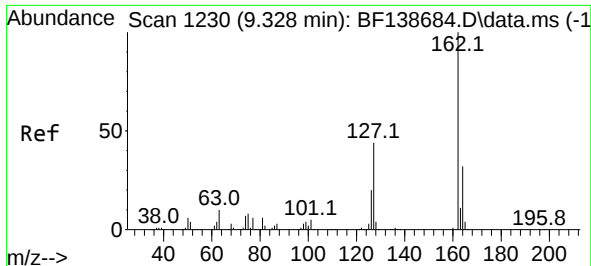
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.9 0.0 32.8

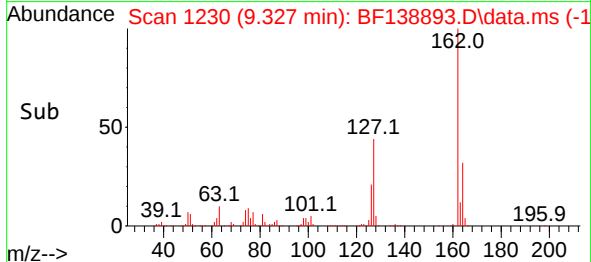
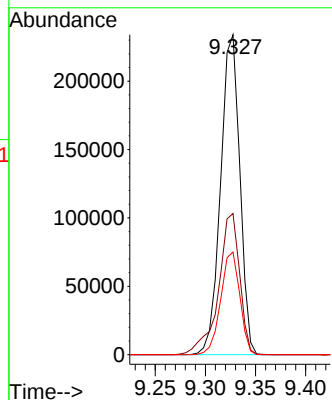
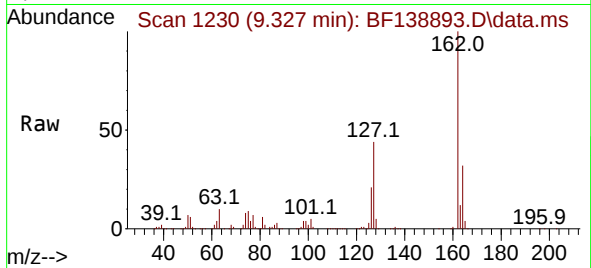




#47
2-Chloronaphthalene
Concen: 48.439 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

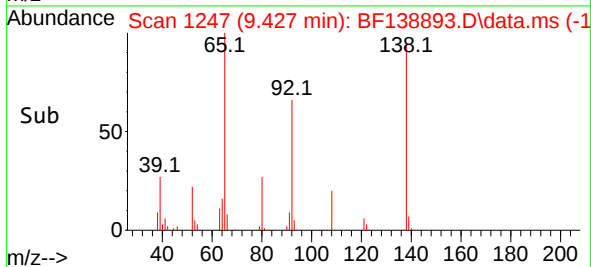
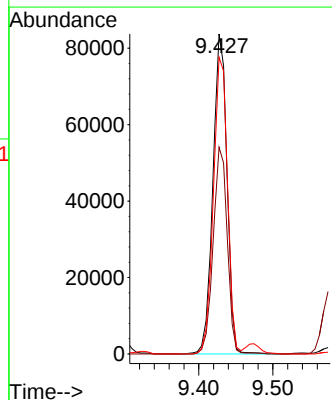
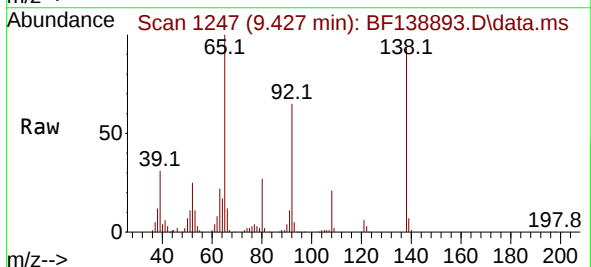
Instrument :
BNA_F
ClientSampleId :
72-11929MS

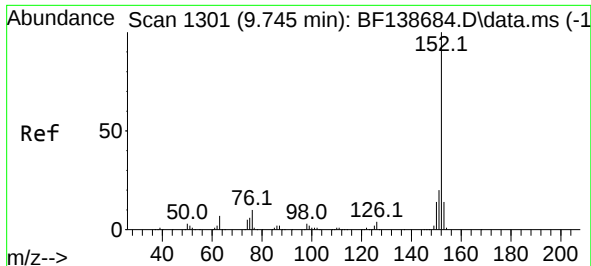
Tgt Ion:162 Resp: 311646
Ion Ratio Lower Upper
162 100
127 44.1 35.4 53.2
164 32.1 25.6 38.4



#48
2-Nitroaniline
Concen: 50.546 ng
RT: 9.427 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 65 Resp: 110247
Ion Ratio Lower Upper
65 100
92 64.6 52.0 78.0
138 92.7 76.2 114.4





#49

Acenaphthylene

Concen: 51.370 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

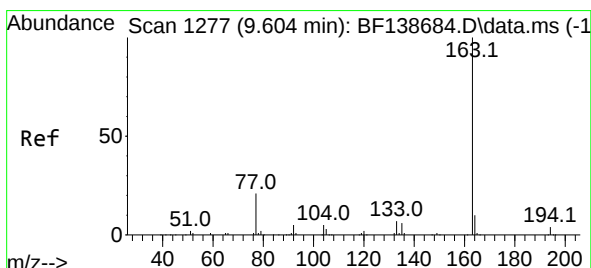
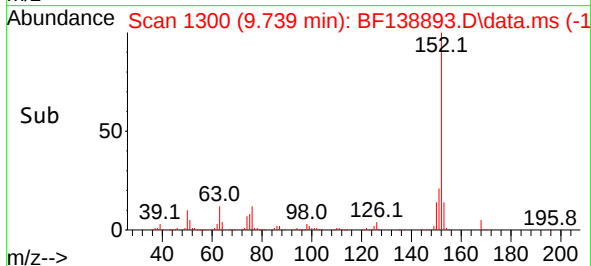
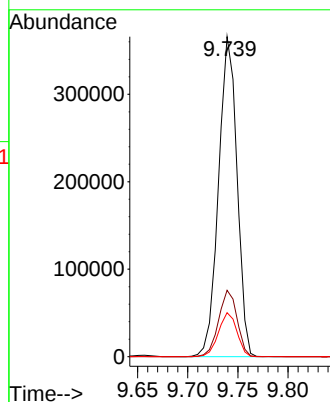
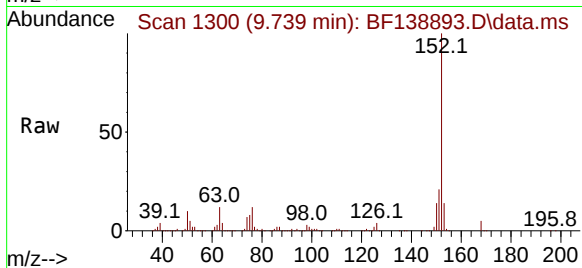
Tgt Ion:152 Resp: 468744

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 53.253 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

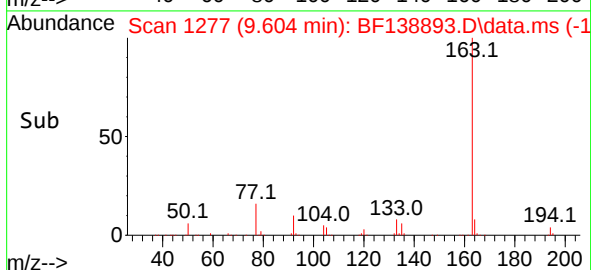
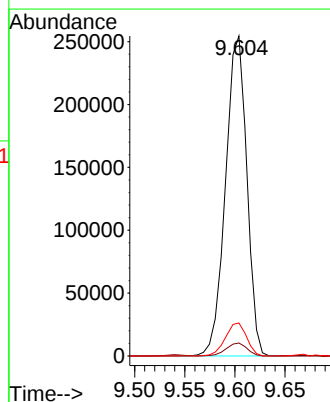
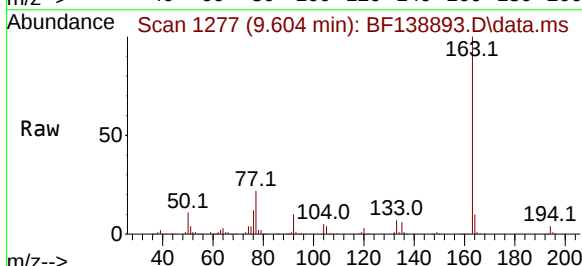
Tgt Ion:163 Resp: 376103

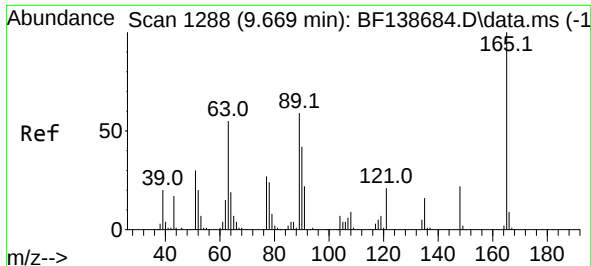
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 7.8 11.8

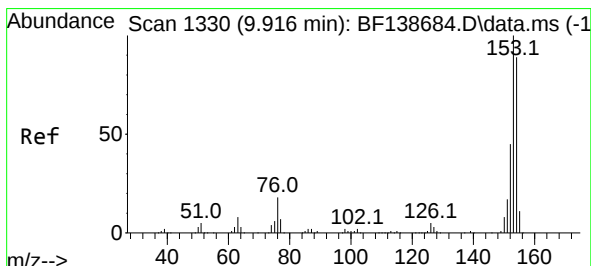
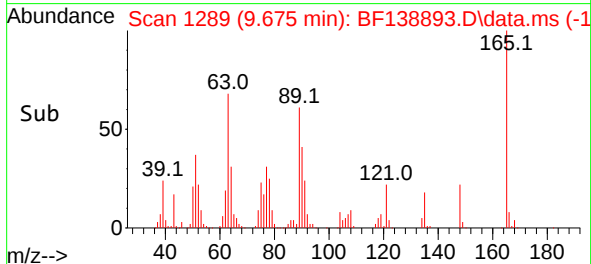
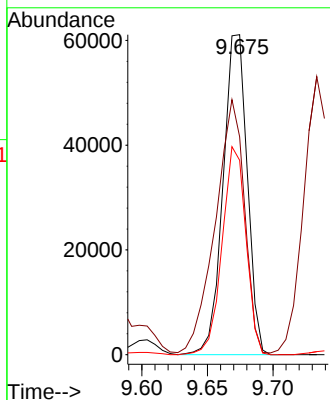
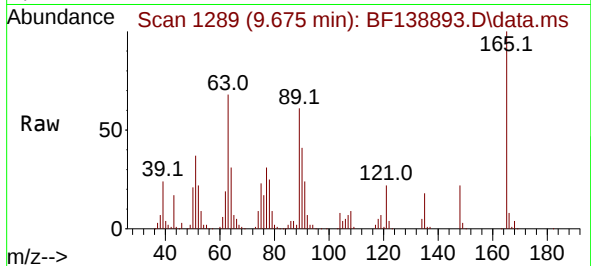




#51
2,6-Dinitrotoluene
Concen: 49.270 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

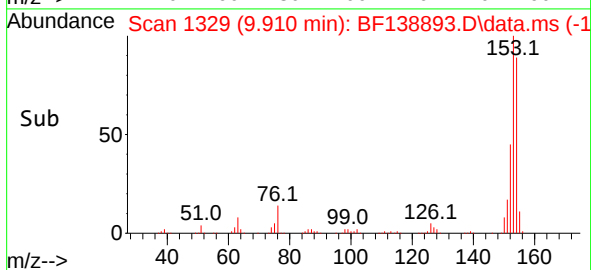
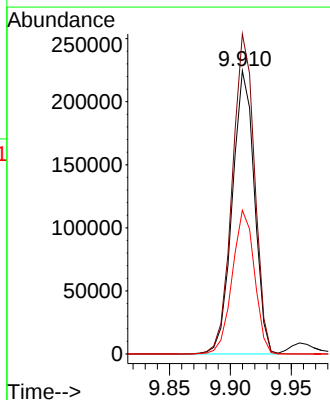
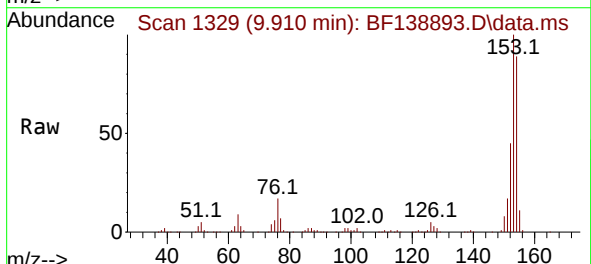
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:165 Resp: 78531
Ion Ratio Lower Upper
165 100
63 68.1 52.0 78.0
89 60.8 47.0 70.6



#52
Acenaphthene
Concen: 46.224 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:154 Resp: 283534
Ion Ratio Lower Upper
154 100
153 113.0 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 32.443 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

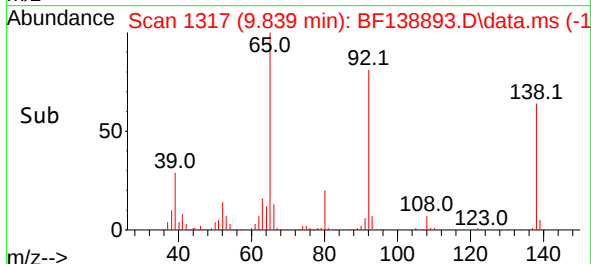
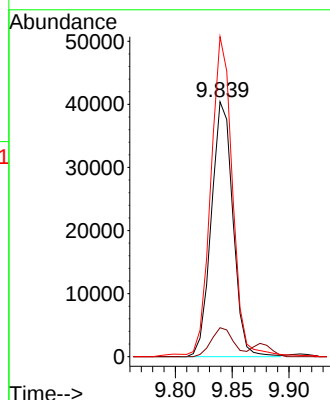
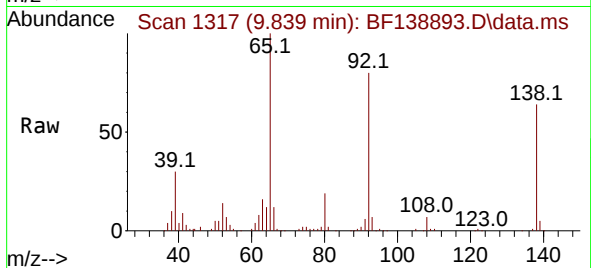
Tgt Ion:138 Resp: 53457

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

92 125.5 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 25.477 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

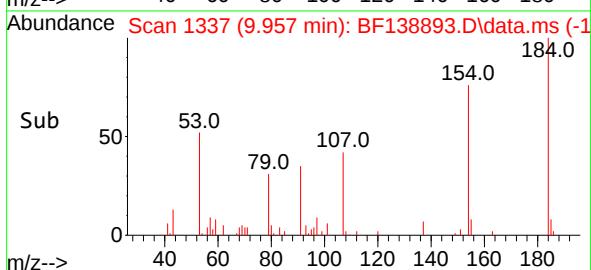
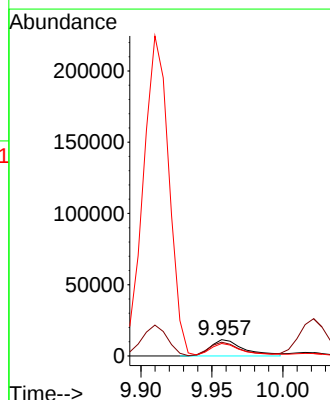
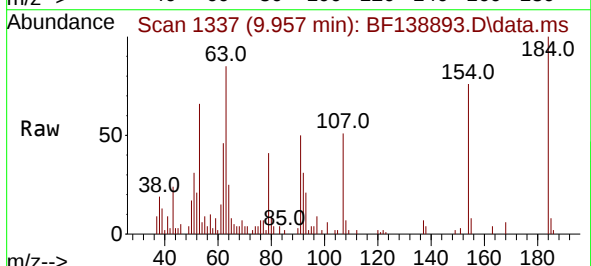
Tgt Ion:184 Resp: 18693

Ion Ratio Lower Upper

184 100

63 84.5 57.5 86.3

154 76.3 51.7 77.5

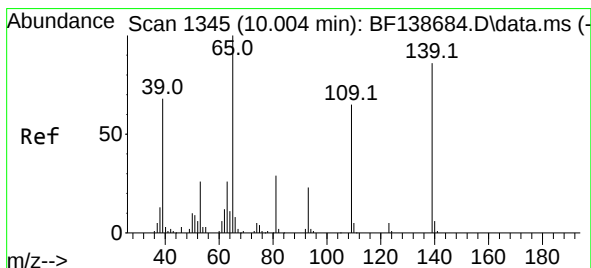
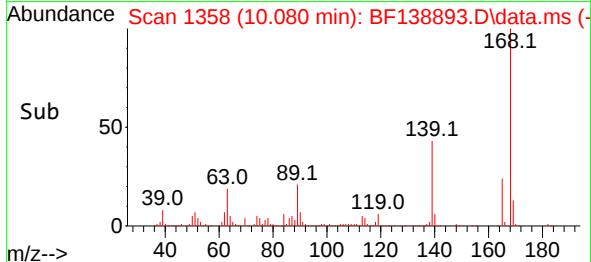
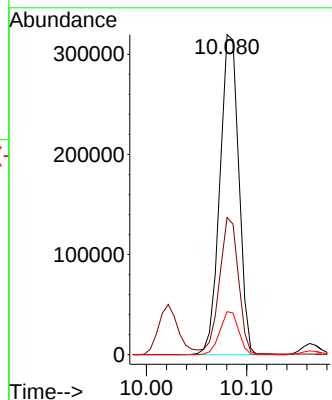
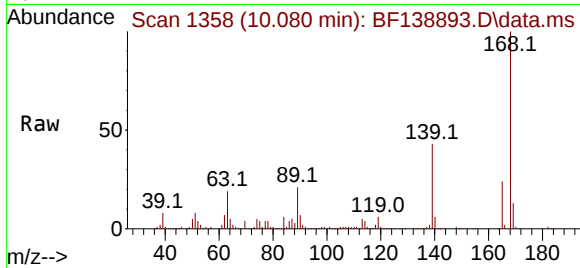




#55
Dibenzenofuran
Concen: 48.347 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

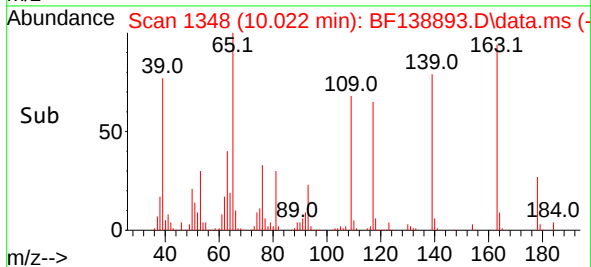
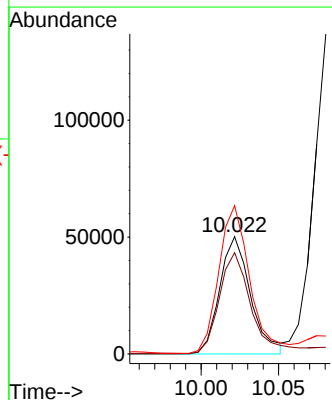
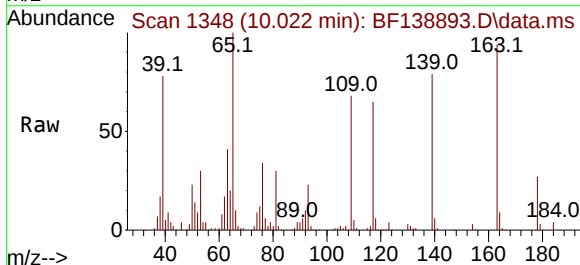
Instrument :
BNA_F
ClientSampleId :
72-11929MS

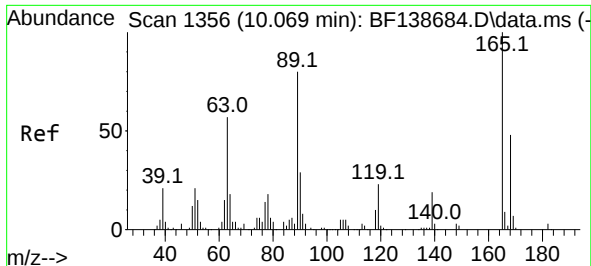
Tgt Ion:168 Resp: 418623
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 70.188 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:139 Resp: 69547
Ion Ratio Lower Upper
139 100
109 86.3 55.5 95.5
65 126.4 96.7 136.7

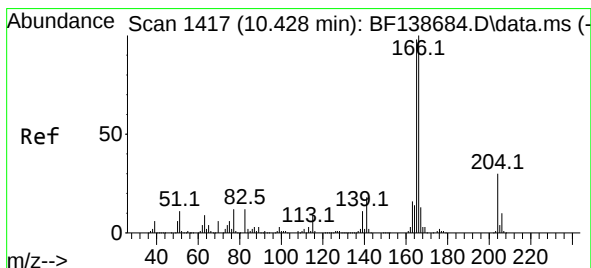
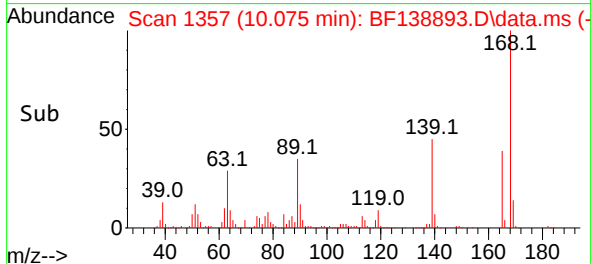
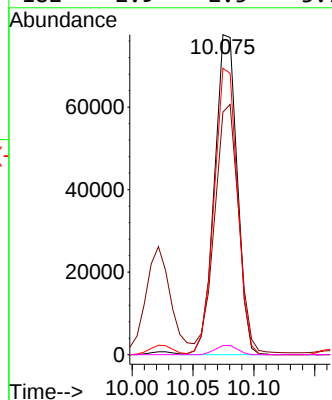
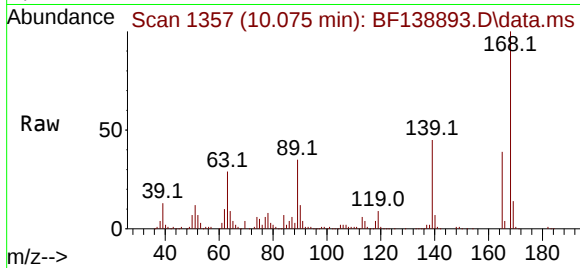




#57
2,4-Dinitrotoluene
Concen: 49.457 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

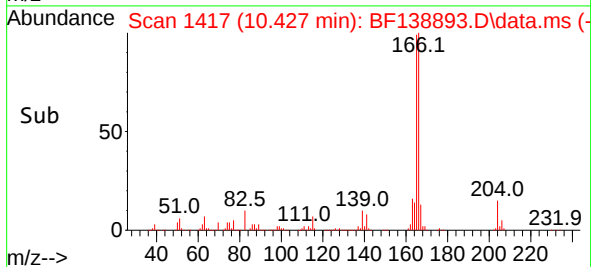
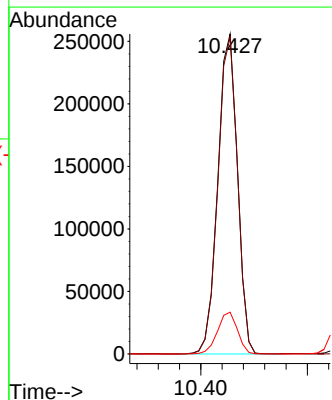
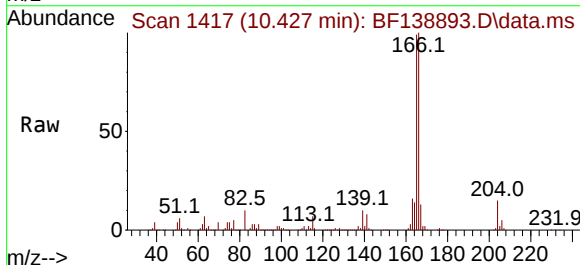
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:165 Resp: 100573
Ion Ratio Lower Upper
165 100
63 75.8 46.3 69.5#
89 89.5 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 47.462 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:166 Resp: 327261
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.0 10.6 16.0

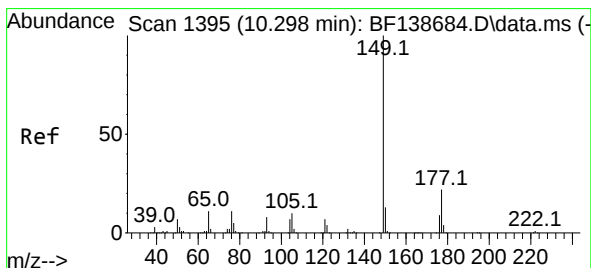
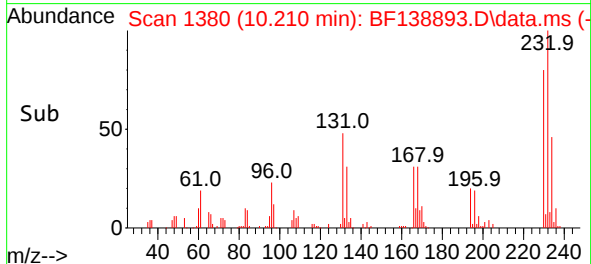
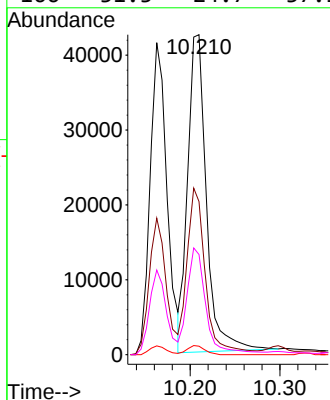
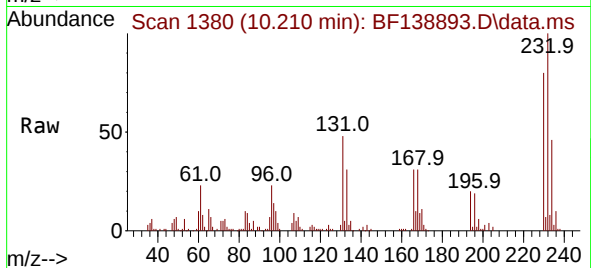




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.339 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

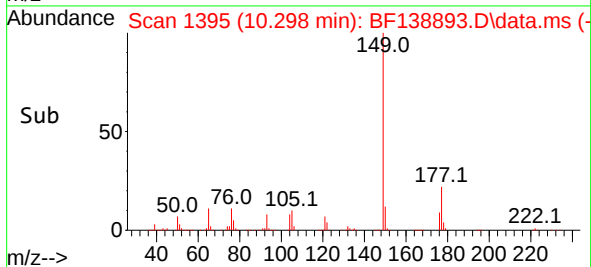
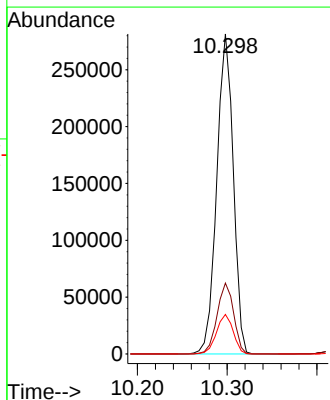
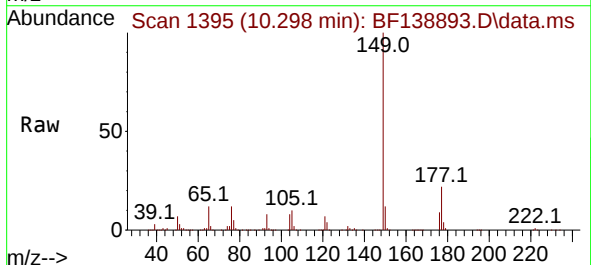
Instrument :
BNA_F
ClientSampleId :
72-11929MS

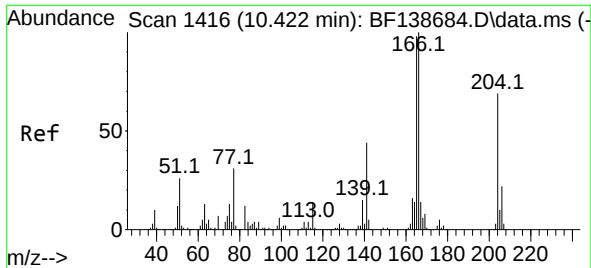
Tgt Ion:232 Resp: 61509
Ion Ratio Lower Upper
232 100
131 49.8 37.0 55.4
130 2.7 2.0 3.0
166 31.3 24.7 37.1



#60
Diethylphthalate
Concen: 53.733 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:149 Resp: 359822
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.3 10.1 15.1

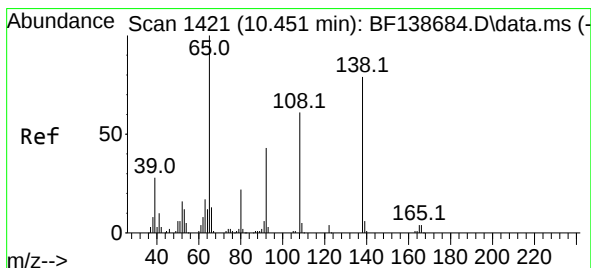
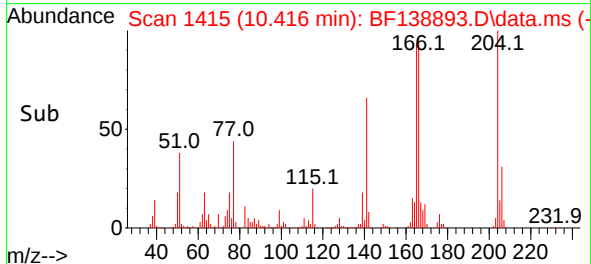
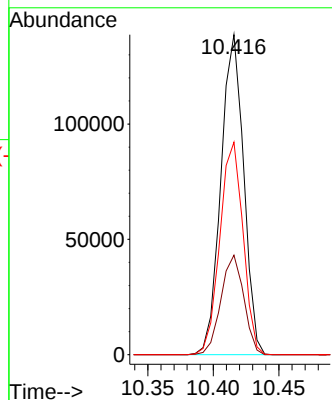
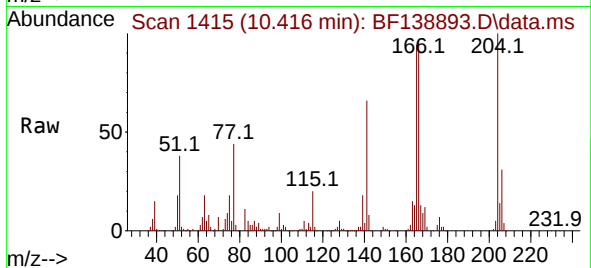




#61
4-Chlorophenyl-phenylether
Concen: 49.376 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

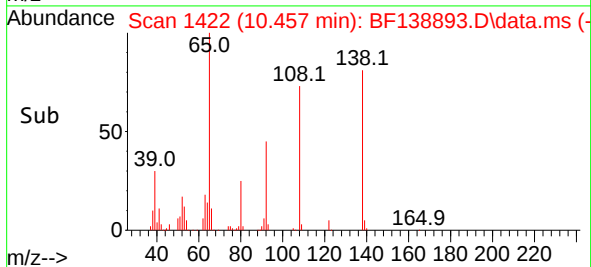
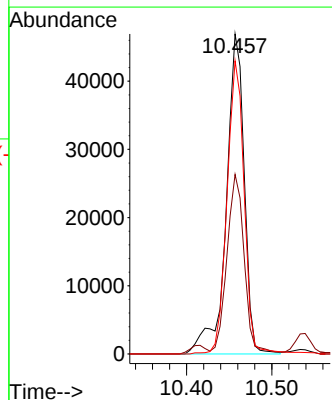
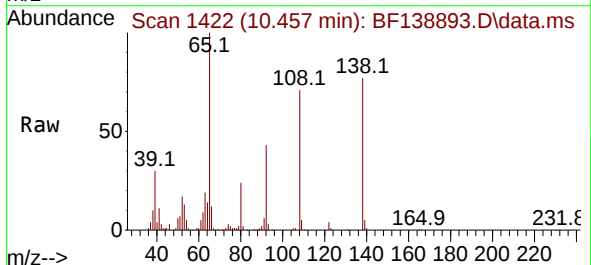
Instrument :
BNA_F
ClientSampleId :
72-11929MS

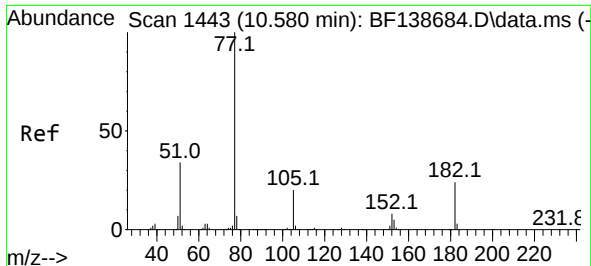
Tgt Ion:204 Resp: 167445
Ion Ratio Lower Upper
204 100
206 31.1 26.1 39.1
141 66.4 51.4 77.0



#62
4-Nitroaniline
Concen: 44.143 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:138 Resp: 69121
Ion Ratio Lower Upper
138 100
92 56.1 34.2 74.2
108 91.6 56.2 96.2

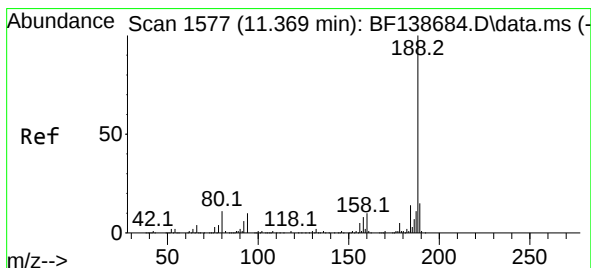
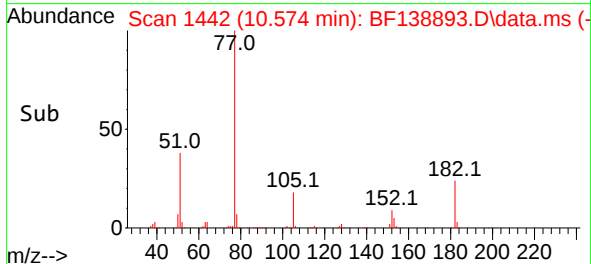
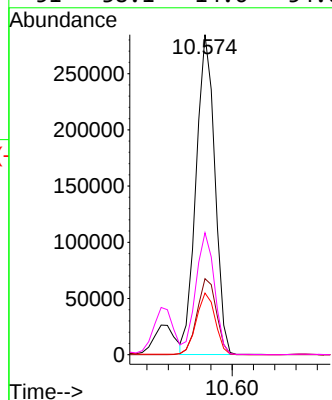
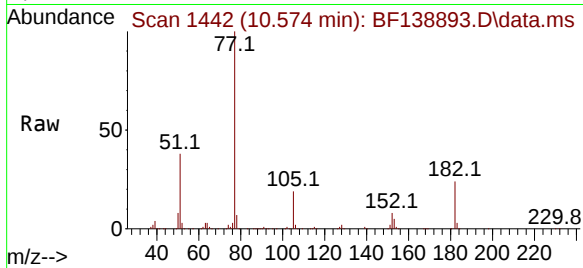




#63
Azobenzene
Concen: 47.002 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

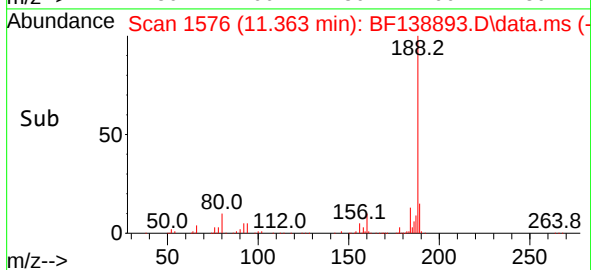
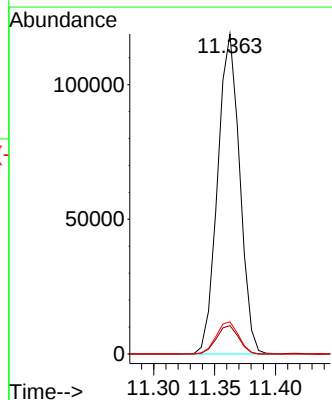
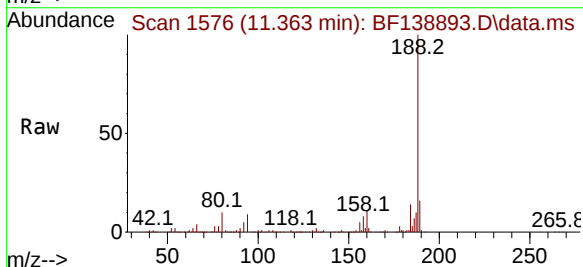
Instrument :
BNA_F
ClientSampleId :
72-11929MS

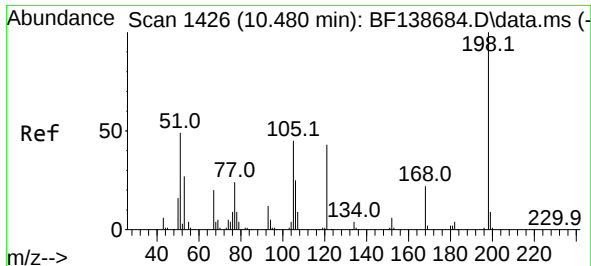
Tgt Ion: 77	Resp: 349089
Ion Ratio	Lower Upper
77 100	
182 23.8	3.4 43.4
105 19.3	0.2 40.2
51 38.1	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion: 188	Resp: 150028
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 10.0	8.6 12.8

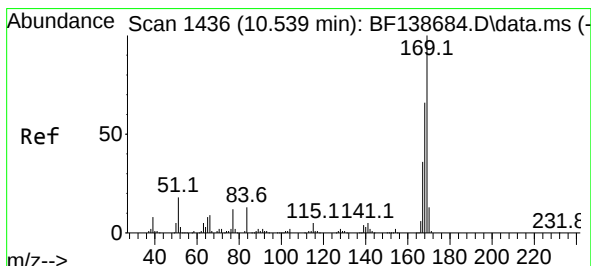
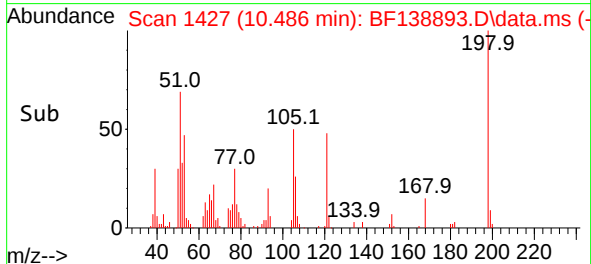
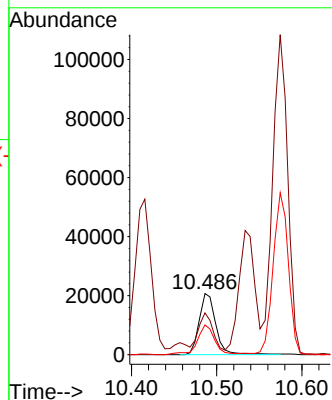
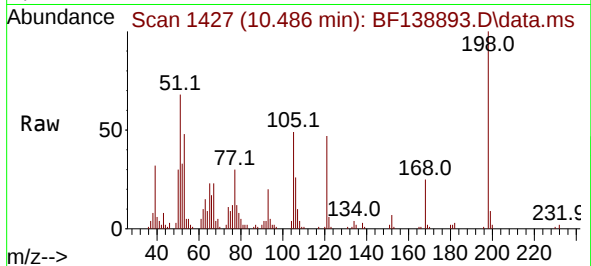




#65
4,6-Dinitro-2-methylphenol
Concen: 30.790 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

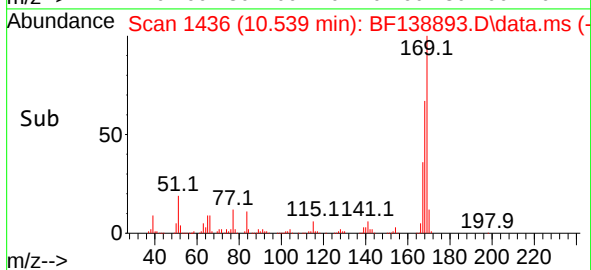
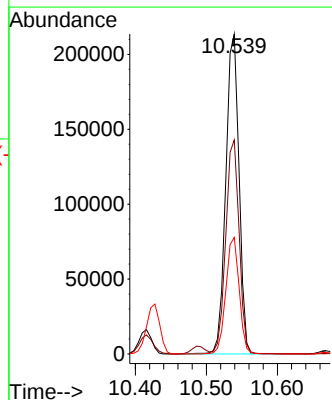
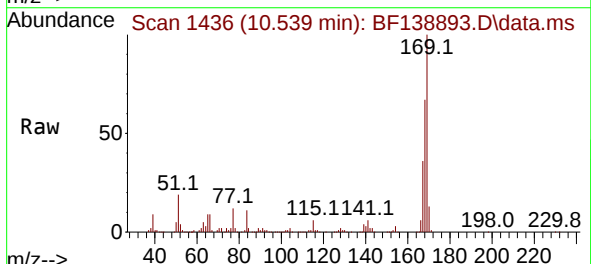
Instrument :
BNA_F
ClientSampleId :
72-11929MS

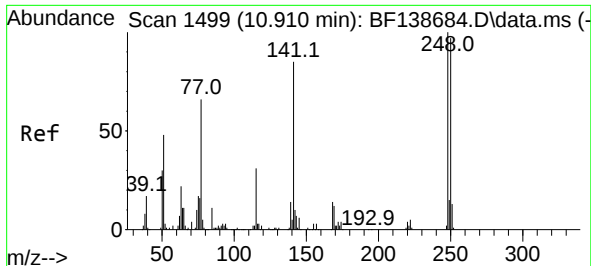
Tgt Ion:198 Resp: 28182
Ion Ratio Lower Upper
198 100
51 68.2 39.9 79.9
105 48.8 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 58.652 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:169 Resp: 275051
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.4 29.0 43.6

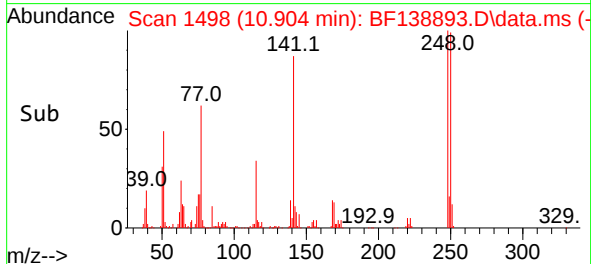
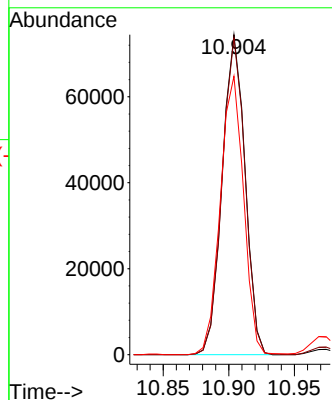
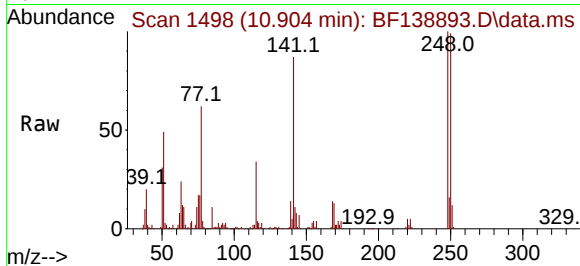




#67
4-Bromophenyl-phenylether
Concen: 55.578 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

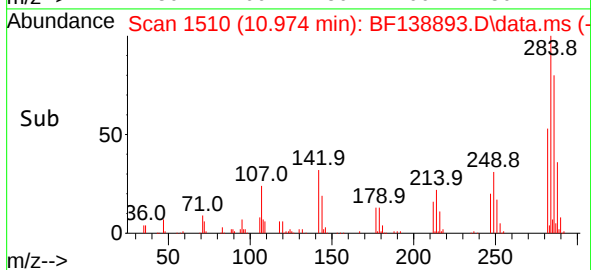
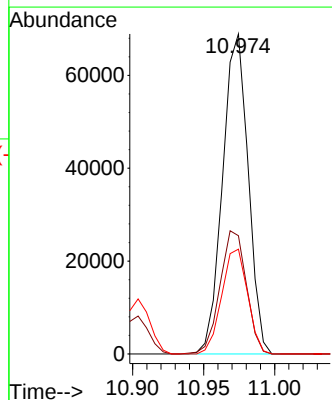
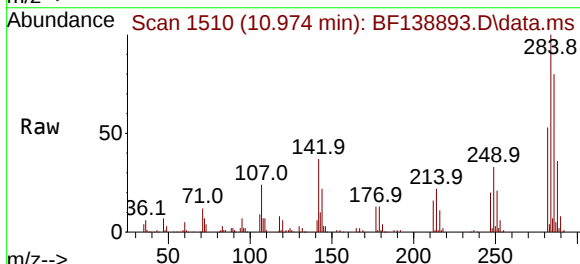
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:248 Resp: 90277
Ion Ratio Lower Upper
248 100
250 99.0 77.7 116.5
141 87.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 51.482 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:284 Resp: 86342
Ion Ratio Lower Upper
284 100
142 37.0 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 65.878 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

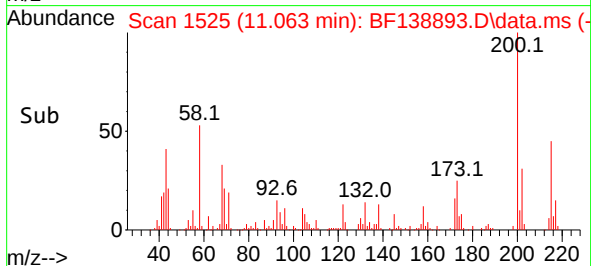
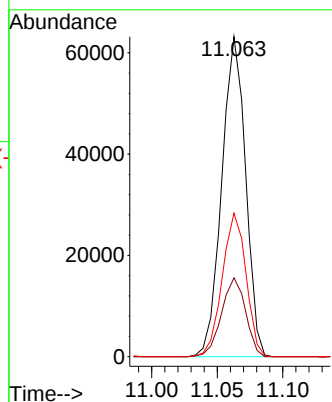
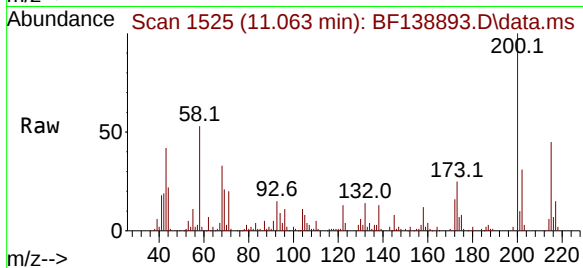
Tgt Ion:200 Resp: 79706

Ion Ratio Lower Upper

200 100

173 24.7 6.0 46.0

215 44.8 26.1 66.1



#70

Pentachlorophenol

Concen: 48.775 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

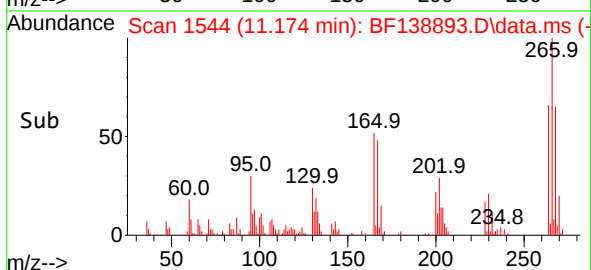
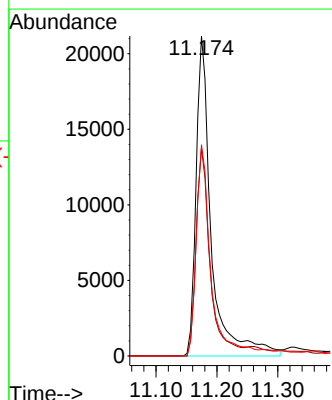
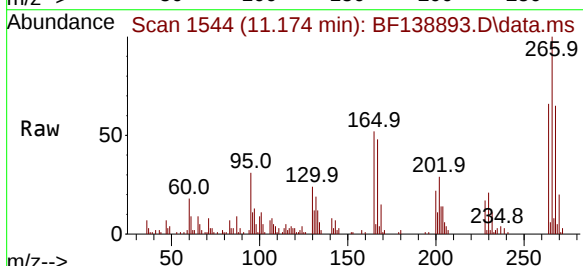
Tgt Ion:266 Resp: 36872

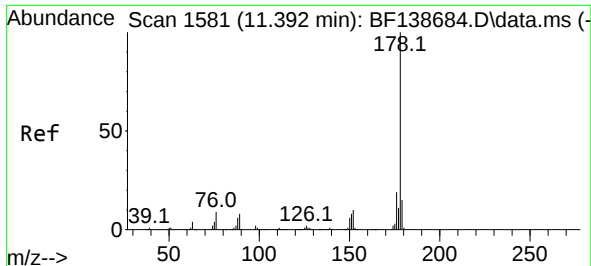
Ion Ratio Lower Upper

266 100

268 65.0 49.2 73.8

264 66.0 49.8 74.6

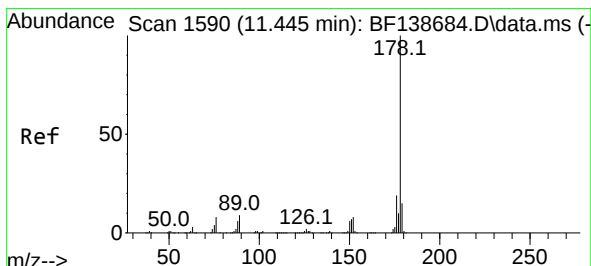
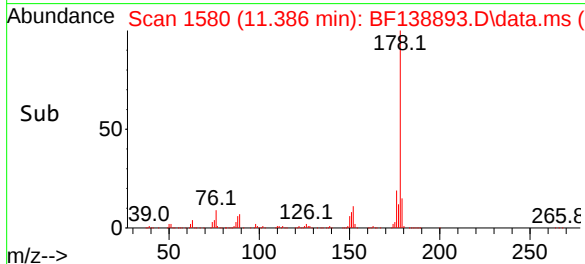
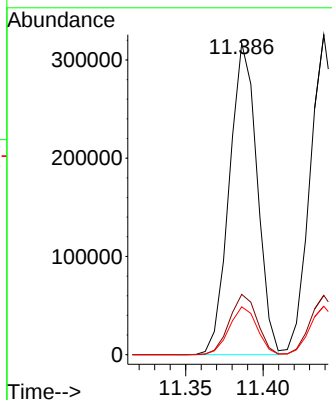
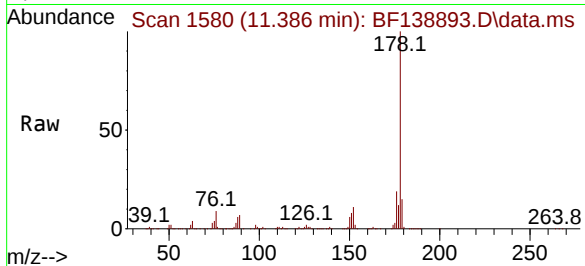




#71
Phenanthrene
Concen: 51.081 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

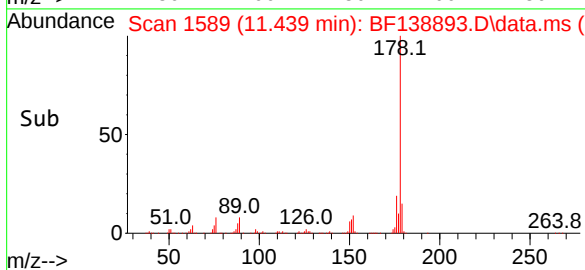
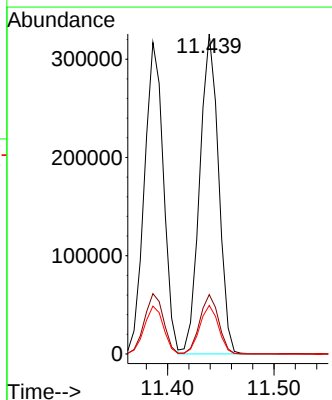
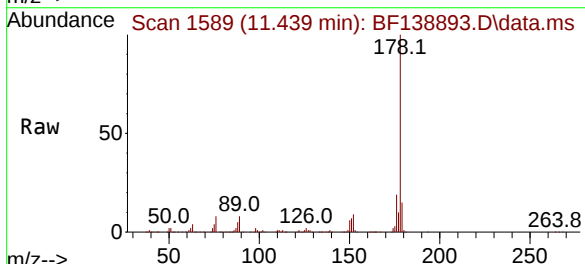
Instrument :
BNA_F
ClientSampleId :
72-11929MS

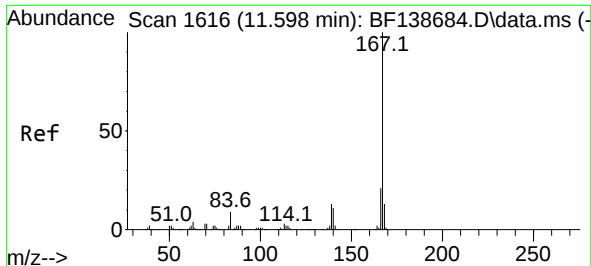
Tgt Ion:178 Resp: 394611
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 52.601 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

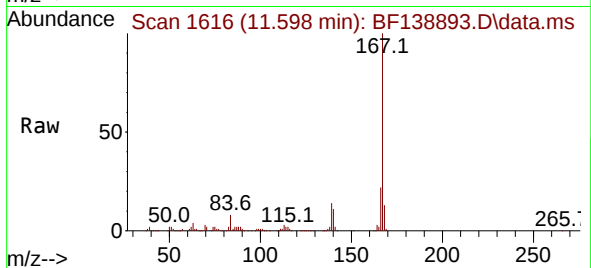
Tgt Ion:178 Resp: 400313
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.2 12.4 18.6



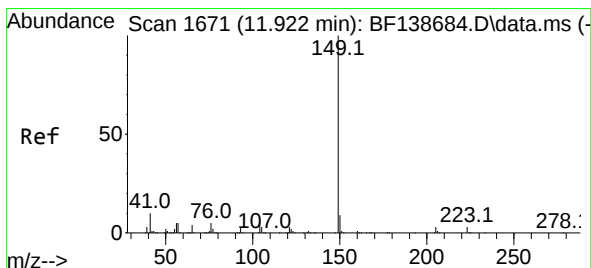
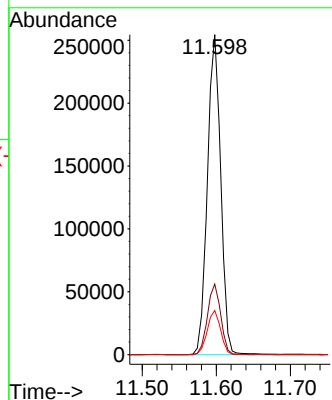
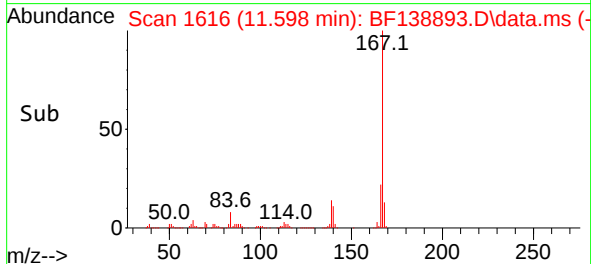


#73
 Carbazole
 Concen: 48.397 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

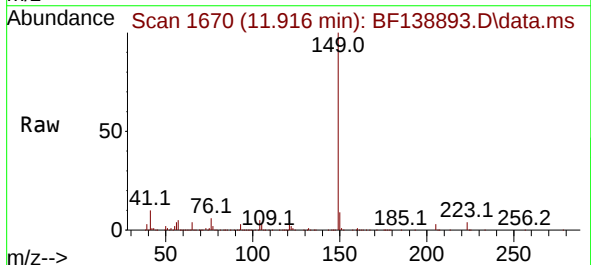
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MS



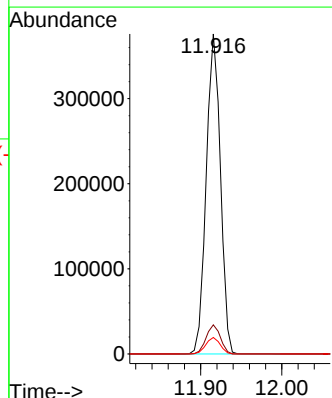
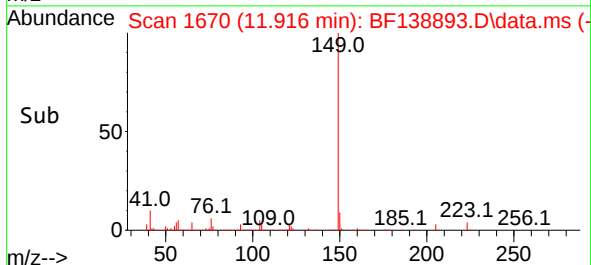
Tgt Ion:167 Resp: 317770
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.8 10.6 16.0

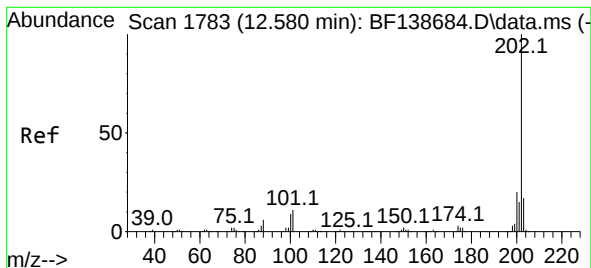


#74
 Di-n-butylphthalate
 Concen: 61.619 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35



Tgt Ion:149 Resp: 454820
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.1 6.1

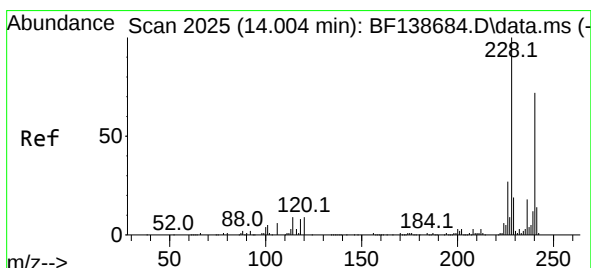
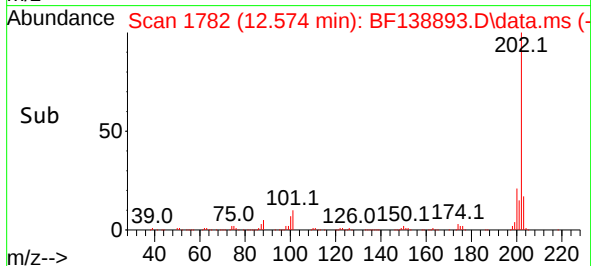
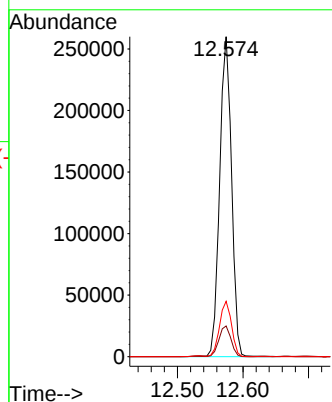
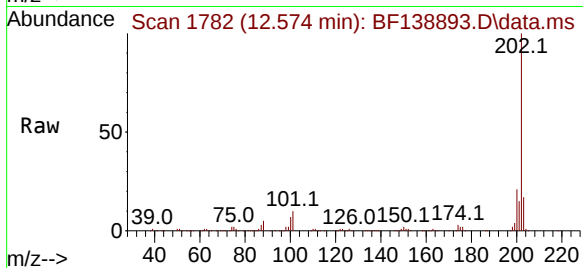




#75
Fluoranthene
Concen: 45.090 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

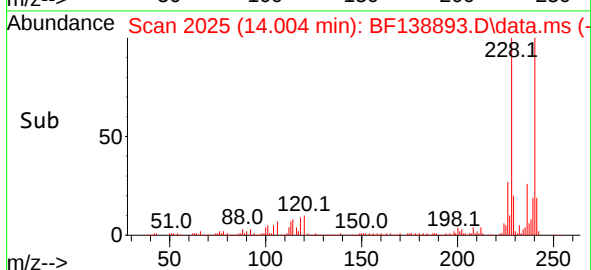
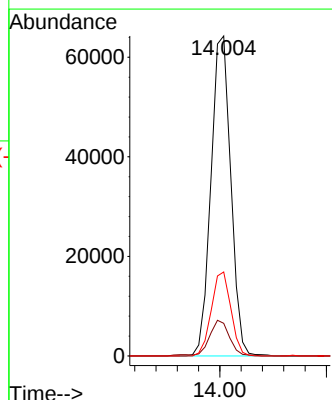
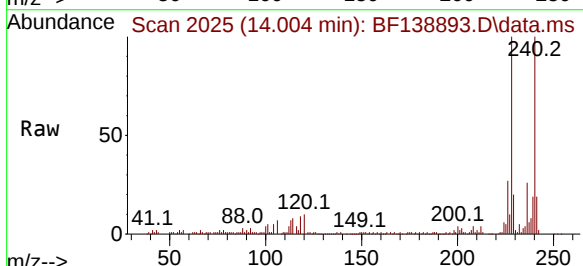
Instrument :
BNA_F
ClientSampleId :
72-11929MS

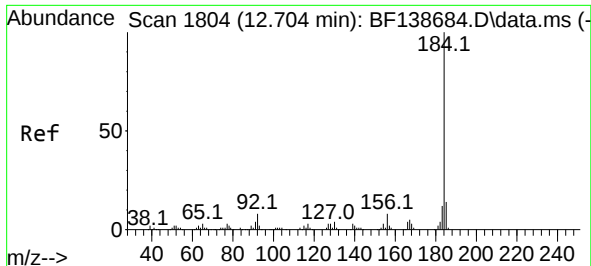
Tgt Ion:202 Resp: 325191
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:240 Resp: 83246
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 26.3 19.8 29.8

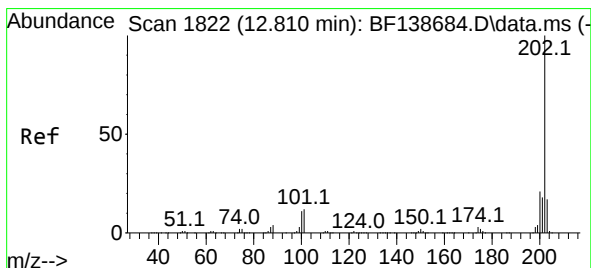
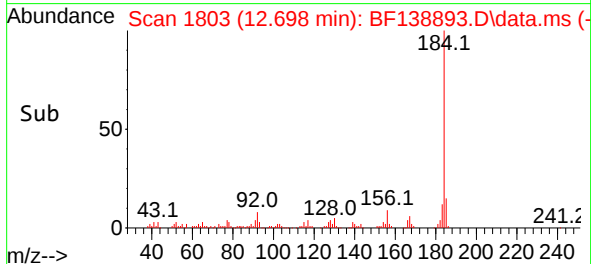
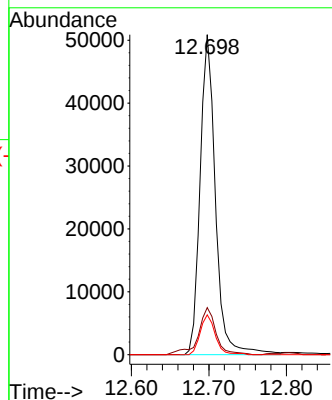
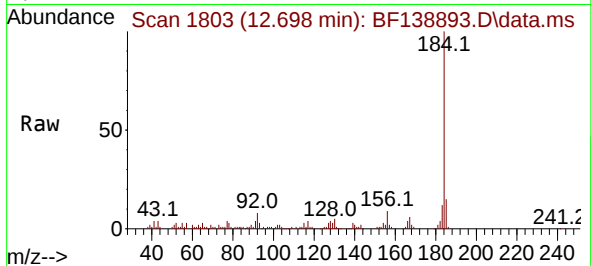




#77
Benzidine
Concen: 35.193 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

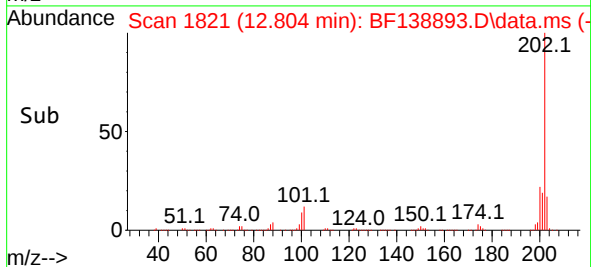
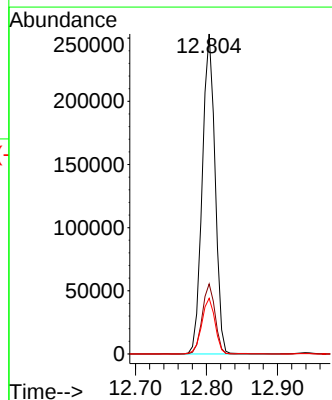
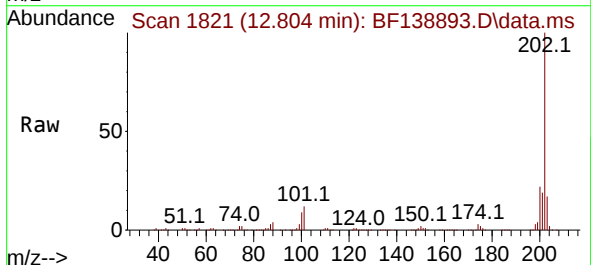
Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:184 Resp: 70073
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 12.4 9.6 14.4



#78
Pyrene
Concen: 40.640 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

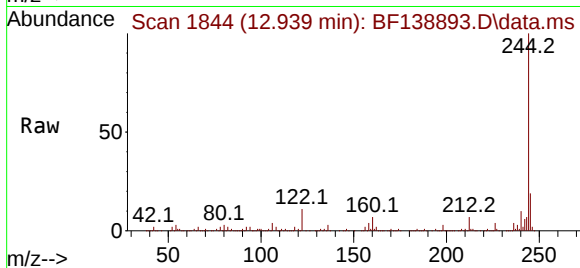
Tgt Ion:202 Resp: 318529
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 17.4 13.8 20.6



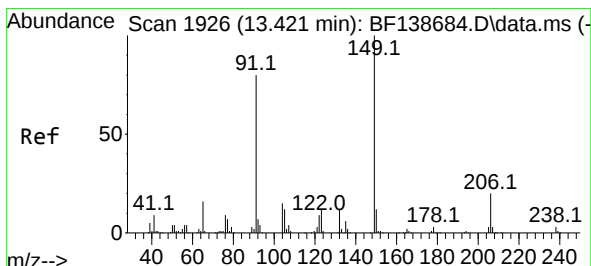
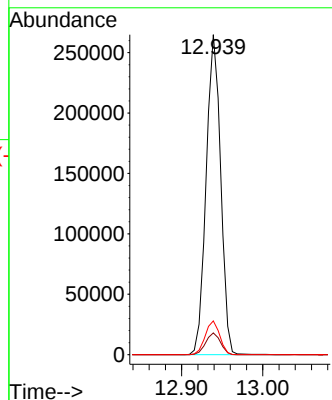
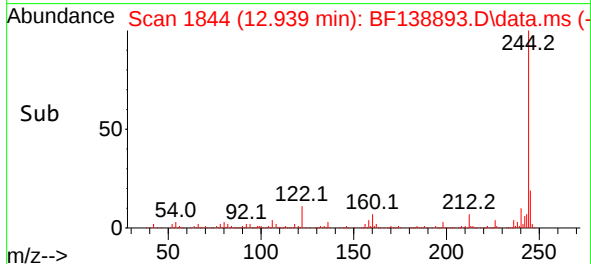


#79
 Terphenyl-d14
 Concen: 65.881 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
 72-11929MS

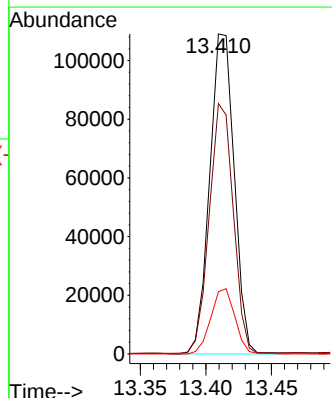
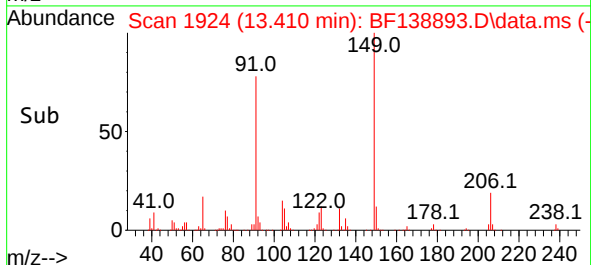
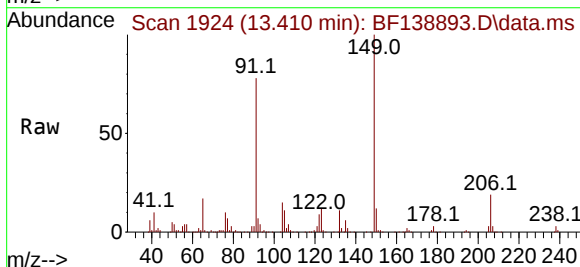


Tgt Ion:244 Resp: 327568
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.5 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 56.738 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

Tgt Ion:149 Resp: 142408
 Ion Ratio Lower Upper
 149 100
 91 78.3 63.7 95.5
 206 19.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 50.497 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

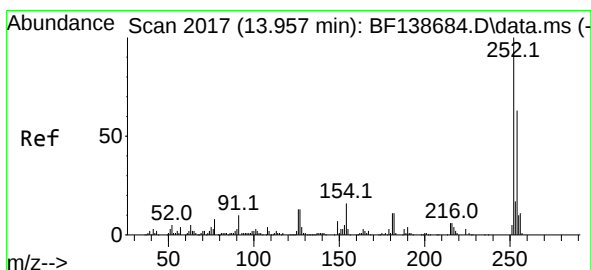
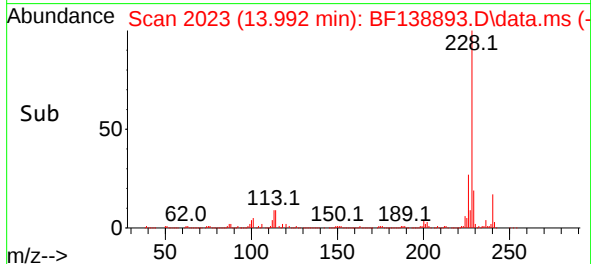
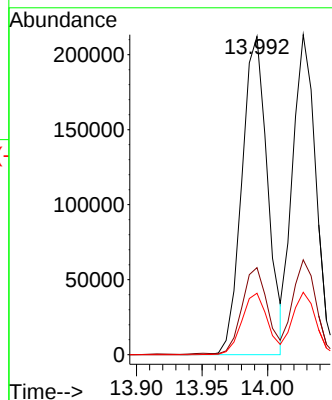
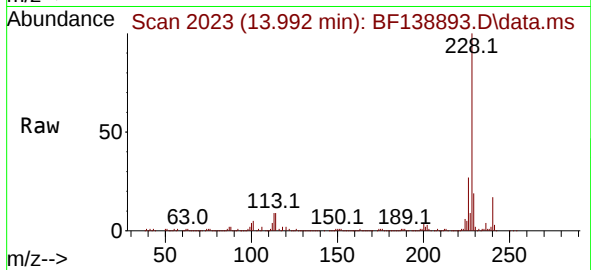
Tgt Ion:228 Resp: 289475

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 35.881 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

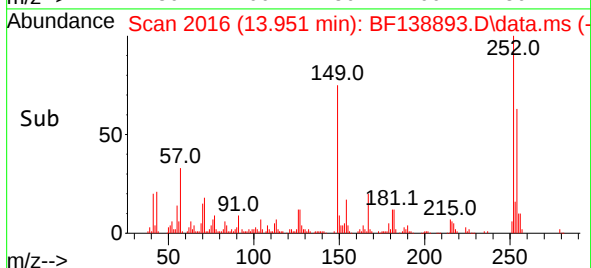
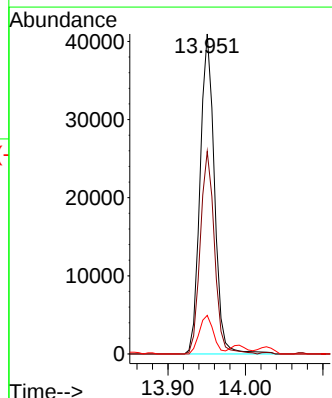
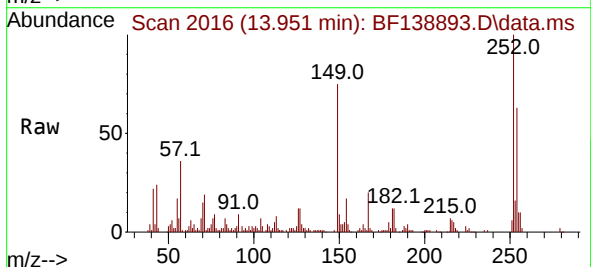
Tgt Ion:252 Resp: 52636

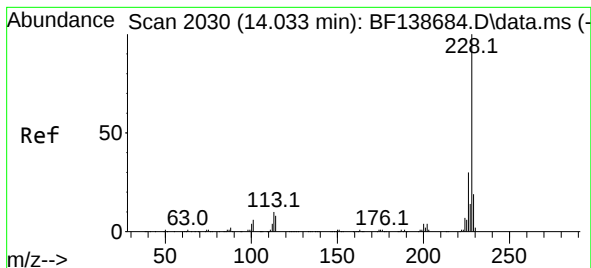
Ion Ratio Lower Upper

252 100

254 63.3 50.8 76.2

126 12.0 10.2 15.2





#83

Chrysene

Concen: 50.248 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

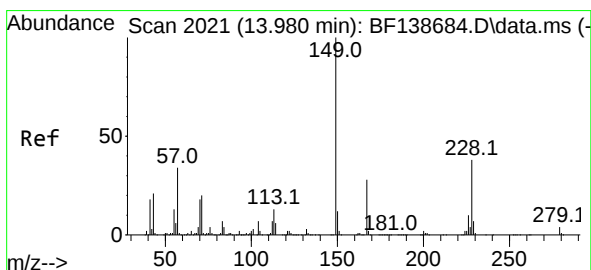
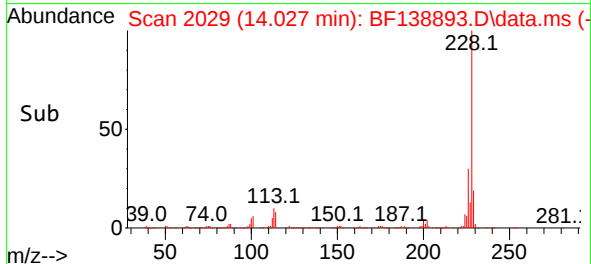
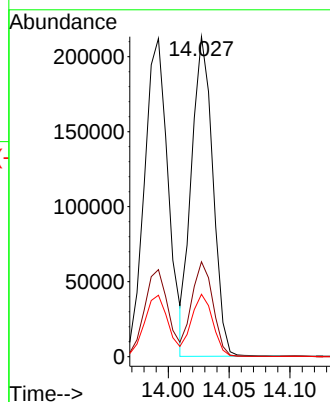
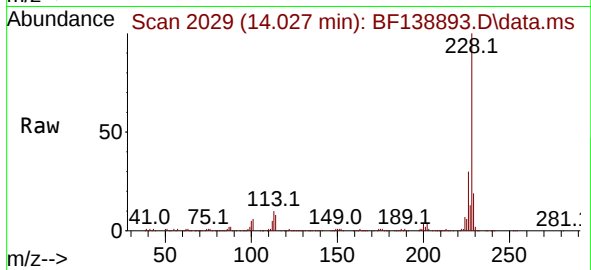
Tgt Ion:228 Resp: 259871

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.621 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

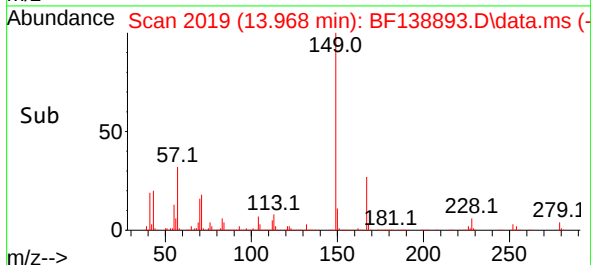
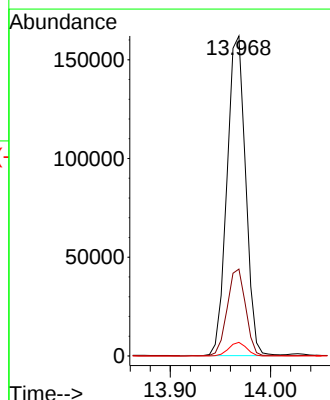
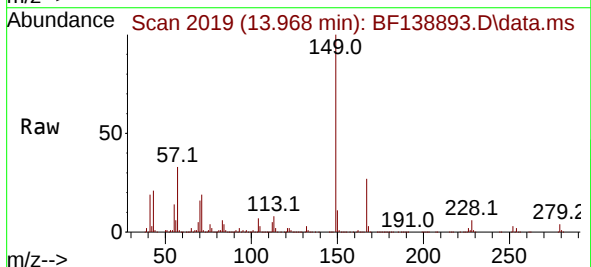
Tgt Ion:149 Resp: 208101

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.340 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

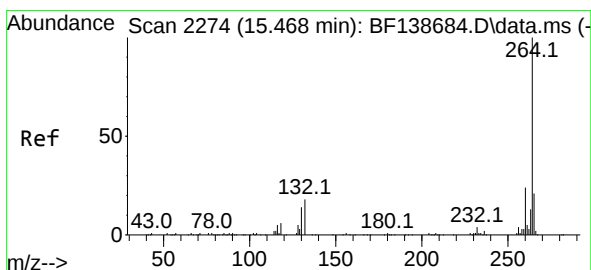
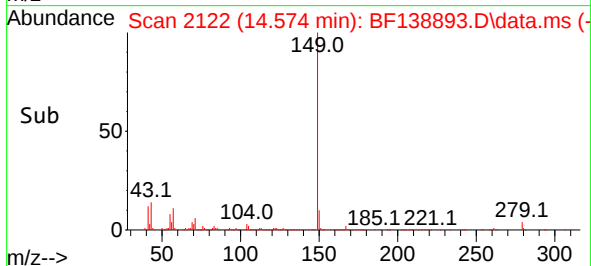
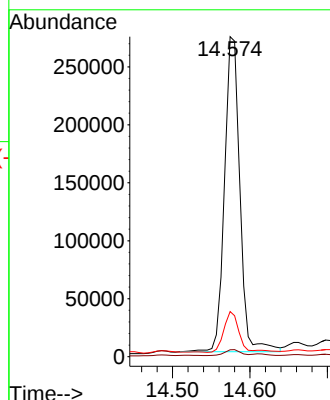
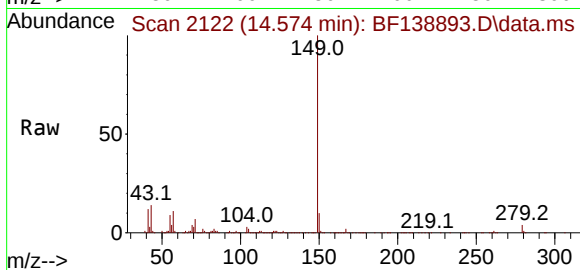
Tgt Ion:149 Resp: 376307

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 12.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

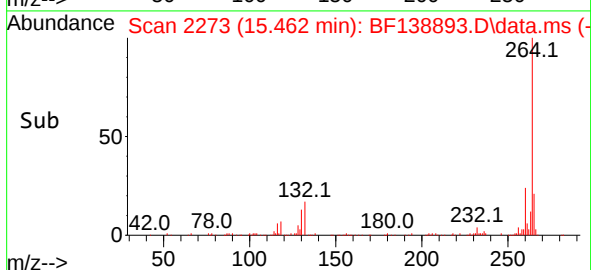
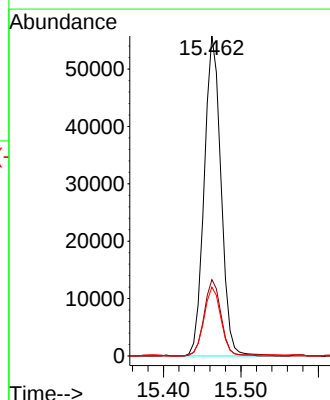
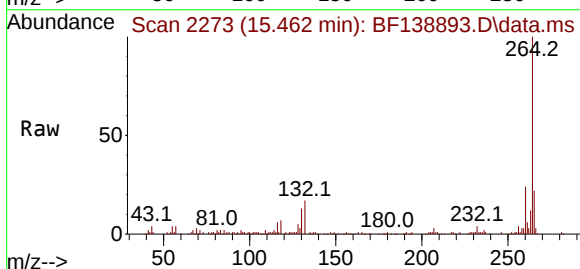
Tgt Ion:264 Resp: 83769

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.5 17.0 25.6

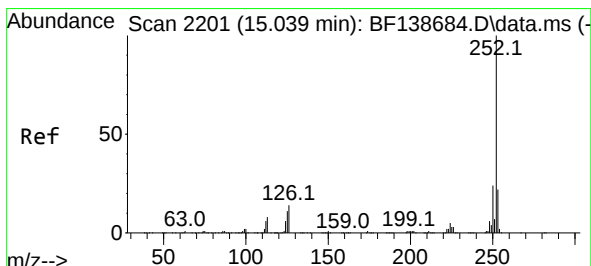
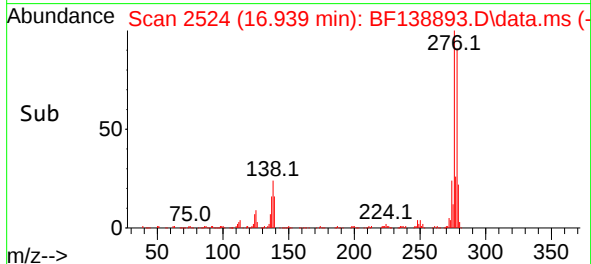
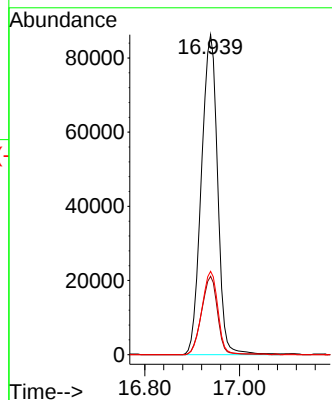
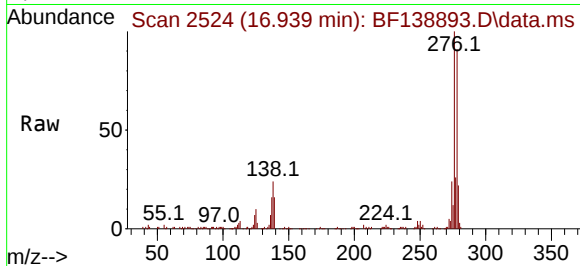




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.179 ng
 RT: 16.939 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

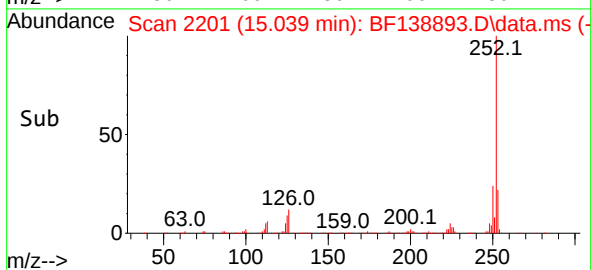
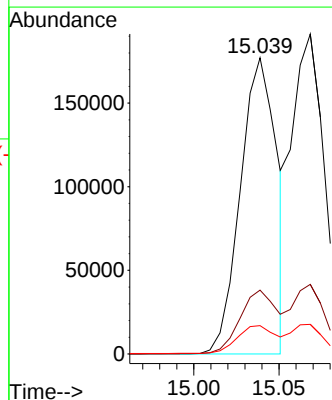
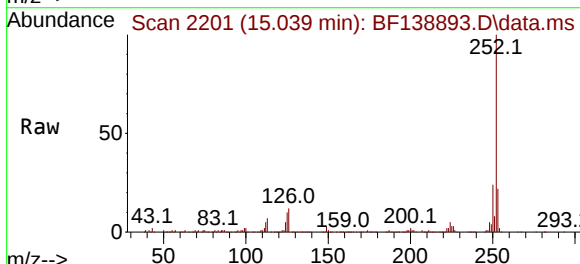
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MS

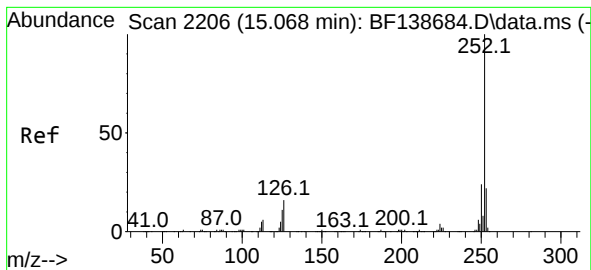
Tgt Ion:276 Resp: 205180
 Ion Ratio Lower Upper
 276 100
 138 23.9 21.8 32.8
 277 25.7 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 50.566 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF138893.D
 Acq: 09 Aug 2024 17:35

Tgt Ion:252 Resp: 262580
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 56.310 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

72-11929MS

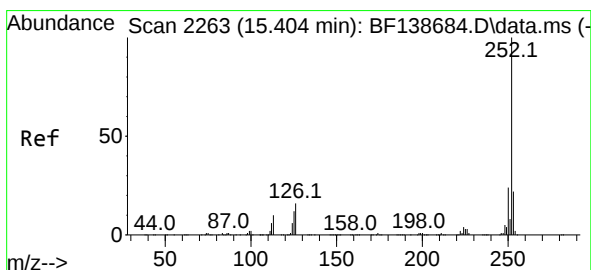
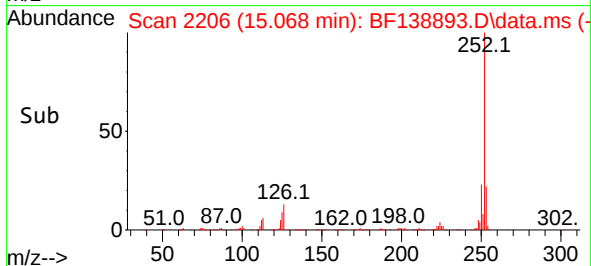
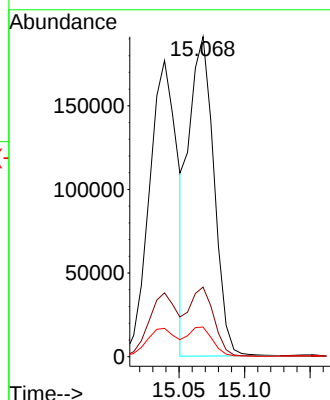
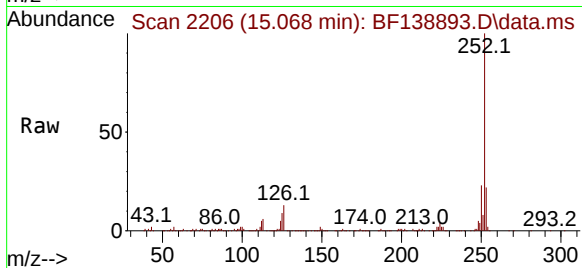
Tgt Ion:252 Resp: 253171

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.2 8.6 13.0



#90

Benzo(a)pyrene

Concen: 53.065 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138893.D

Acq: 09 Aug 2024 17:35

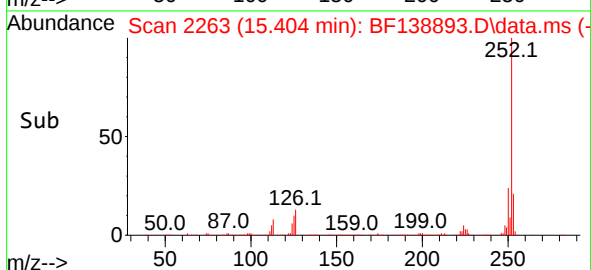
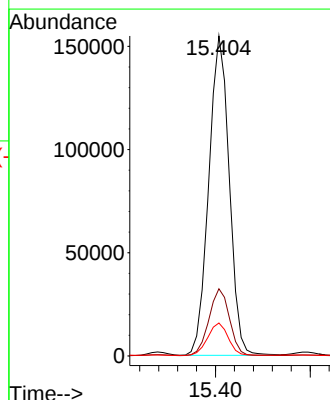
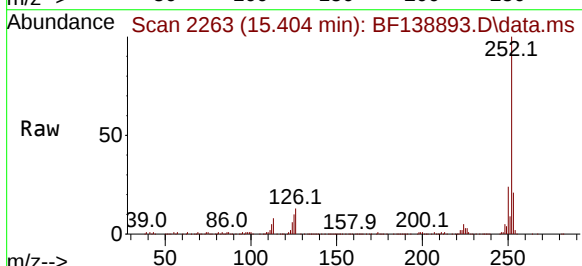
Tgt Ion:252 Resp: 231786

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 10.3 9.5 14.3

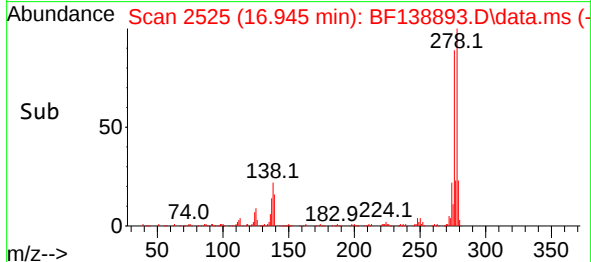
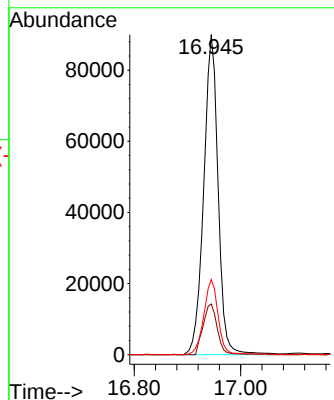
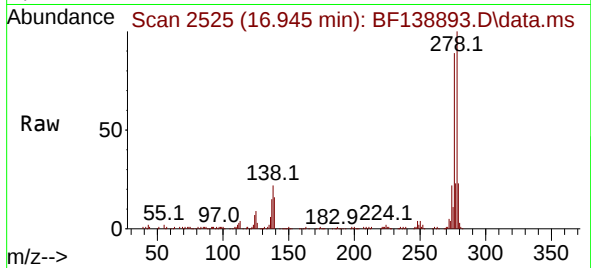




#91
Dibenzo(a,h)anthracene
Concen: 34.329 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
72-11929MS

Tgt Ion:278 Resp: 169166
Ion Ratio Lower Upper
278 100
139 15.9 14.0 21.0
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 29.207 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF138893.D
Acq: 09 Aug 2024 17:35

Tgt Ion:276 Resp: 149355
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 18.8 18.5 27.7

