

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143006.D
 Acq On : 07 Jul 2025 13:47
 Operator : RC/JU
 Sample : Q2493-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11MS

Quant Time: Jul 07 14:15:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	60406	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	223388	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	115795	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	188739	20.000	ng	0.00
76) Chrysene-d12	14.057	240	117040	20.000	ng	0.00
86) Perylene-d12	15.551	264	129347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	354590	97.733	ng	0.01
7) Phenol-d6	6.510	99	428015	99.992	ng	0.00
23) Nitrobenzene-d5	7.439	82	261346	64.171	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	126095	105.819	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	546912	62.046	ng	-0.01
79) Terphenyl-d14	12.992	244	514127	60.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	55700	38.383	ng	97
3) Pyridine	3.469	79	146787	40.348	ng	96
4) n-Nitrosodimethylamine	3.422	42	78115	41.522	ng	100
6) Aniline	6.539	93	176756	31.034	ng	# 89
8) 2-Chlorophenol	6.663	128	173301	44.280	ng	97
9) Benzaldehyde	6.428	77	124512	49.029	ng	99
10) Phenol	6.528	94	202435	42.545	ng	82
11) bis(2-Chloroethyl)ether	6.610	93	153225	45.057	ng	97
12) 1,3-Dichlorobenzene	6.816	146	193097	44.116	ng	99
13) 1,4-Dichlorobenzene	6.892	146	194313	44.001	ng	99
14) 1,2-Dichlorobenzene	7.045	146	187479	44.759	ng	100
15) Benzyl Alcohol	7.016	79	141784	45.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227895	41.711	ng	76
17) 2-Methylphenol	7.134	107	132489	44.671	ng	97
18) Hexachloroethane	7.386	117	68505	44.350	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	112029	45.000	ng	97
20) 3+4-Methylphenols	7.287	107	169332	45.791	ng	94
22) Acetophenone	7.287	105	229328	46.554	ng	100
24) Nitrobenzene	7.457	77	167930	45.557	ng	99
25) Isophorone	7.698	82	300741	46.033	ng	100
26) 2-Nitrophenol	7.775	139	97790	48.701	ng	99
27) 2,4-Dimethylphenol	7.816	122	151268	43.491	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	190945	45.972	ng	100
29) 2,4-Dichlorophenol	8.022	162	145103	46.010	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	157786	45.499	ng	99
31) Naphthalene	8.181	128	497351	45.485	ng	99
32) Benzoic acid	7.939	122	79982	45.117	ng	95
33) 4-Chloroaniline	8.228	127	65589	14.752	ng	99
34) Hexachlorobutadiene	8.292	225	98029	46.213	ng	99
35) Caprolactam	8.604	113	41698	50.106	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	145195	46.324	ng	99
37) 2-Methylnaphthalene	8.875	142	310731	45.837	ng	99
38) 1-Methylnaphthalene	8.975	142	319535	45.534	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	159300	46.624	ng	99
41) Hexachlorocyclopentadiene	9.028	237	137979	71.163	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	102014	45.820	ng	99

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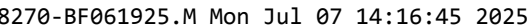
Instrument :
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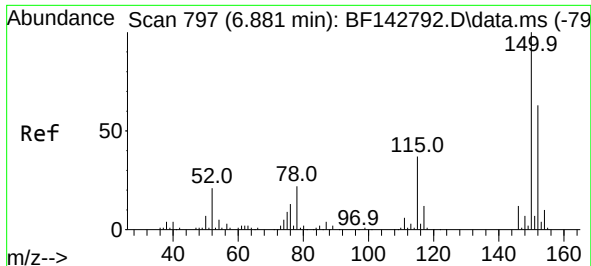
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	103743	44.265	ng	99
46) 1,1'-Biphenyl	9.339	154	429611	46.967	ng	99
47) 2-Chloronaphthalene	9.363	162	313398	45.656	ng	99
48) 2-Nitroaniline	9.463	65	88958	46.225	ng	96
49) Acenaphthylene	9.780	152	522368	46.227	ng	100
50) Dimethylphthalate	9.639	163	362226	48.326	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78631	47.769	ng	99
52) Acenaphthene	9.951	154	297854	43.202	ng	100
53) 3-Nitroaniline	9.875	138	46738	25.789	ng	98
54) 2,4-Dinitrophenol	9.992	184	81383	98.739	ng	94
55) Dibenzofuran	10.127	168	449054	45.421	ng	99
56) 4-Nitrophenol	10.045	139	96130	77.479	ng	97
57) 2,4-Dinitrotoluene	10.110	165	108052	49.418	ng	96
58) Fluorene	10.469	166	362200	46.910	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	82648	43.748	ng	97
60) Diethylphthalate	10.339	149	373769	50.859	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173102	46.982	ng	99
62) 4-Nitroaniline	10.492	138	79819	48.156	ng	97
63) Azobenzene	10.616	77	335692	51.107	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	56907	49.848	ng	97
66) n-Nitrosodiphenylamine	10.580	169	311972	47.693	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104395	48.600	ng	95
68) Hexachlorobenzene	11.022	284	113896	47.719	ng	96
69) Atrazine	11.104	200	96299	57.010	ng	99
70) Pentachlorophenol	11.216	266	93172	78.338	ng	98
71) Phenanthrene	11.433	178	482800	47.222	ng	100
72) Anthracene	11.486	178	493573	47.071	ng	100
73) Carbazole	11.639	167	429828	47.502	ng	100
74) Di-n-butylphthalate	11.963	149	554735	58.849	ng	100
75) Fluoranthene	12.621	202	478332	49.297	ng	100
77) Benzidine	12.745	184	194412	44.211	ng	99
78) Pyrene	12.857	202	468237	42.681	ng	99
80) Butylbenzylphthalate	13.463	149	186821	58.707	ng	98
81) Benzo(a)anthracene	14.045	228	375113	47.509	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67854	26.495	ng	99
83) Chrysene	14.080	228	339838	48.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	249924	54.585	ng	99
85) Di-n-octyl phthalate	14.633	149	407369	47.184	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	412153	41.833	ng	98
88) Benzo(b)fluoranthene	15.110	252	400532	53.514	ng	100
89) Benzo(k)fluoranthene	15.139	252	307386	43.897	ng	99
90) Benzo(a)pyrene	15.486	252	348369	48.180	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	335846	41.954	ng	98
92) Benzo(g,h,i)perylene	17.533	276	328580	41.163	ng	99

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

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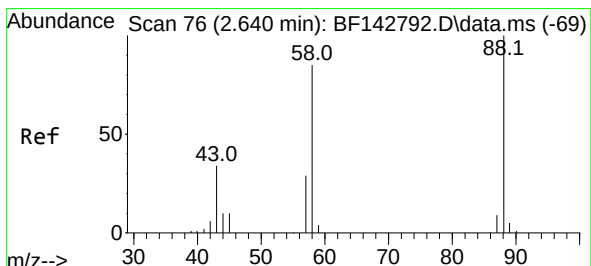
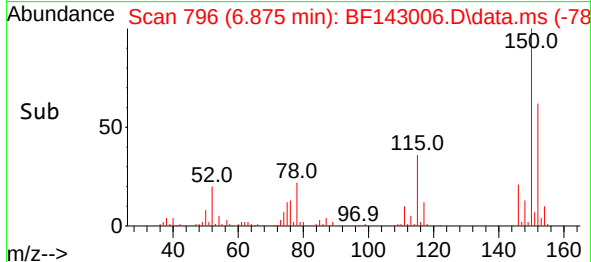
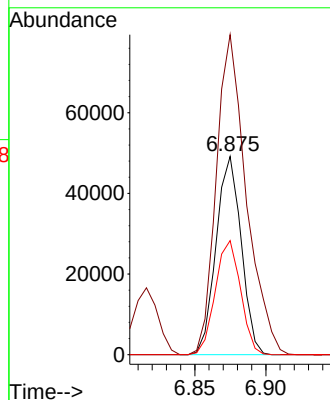
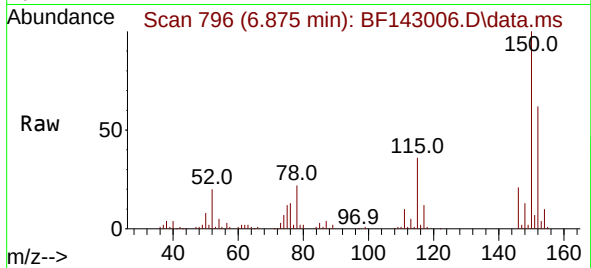




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143006.D
 Acq: 07 Jul 2025 13:47

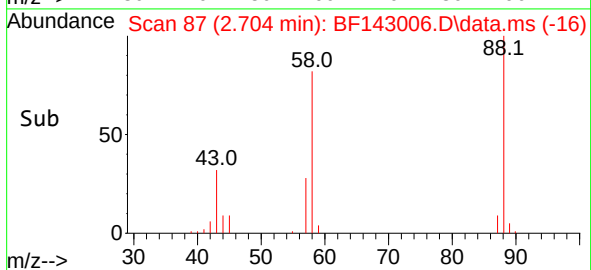
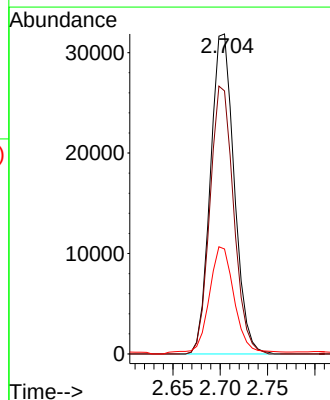
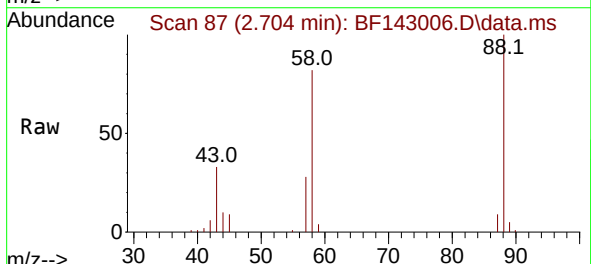
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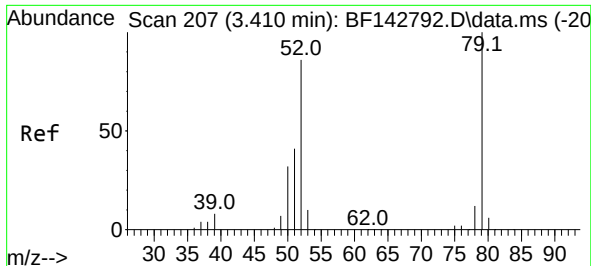
Tgt Ion:152 Resp: 60406
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.2 190.8
 115 57.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 38.383 ng
 RT: 2.704 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF143006.D
 Acq: 07 Jul 2025 13:47

Tgt Ion: 88 Resp: 55700
 Ion Ratio Lower Upper
 88 100
 58 83.3 69.1 103.7
 43 36.0 27.4 41.2

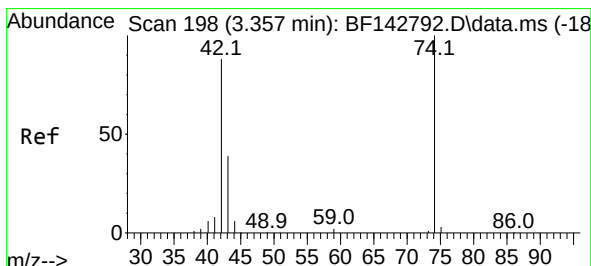
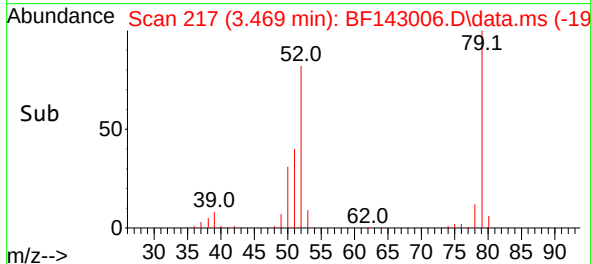
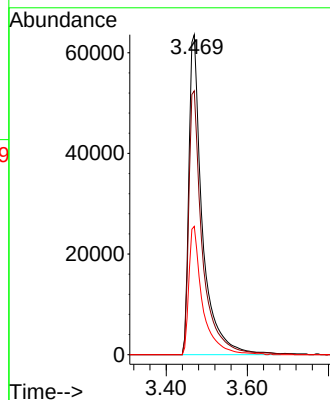
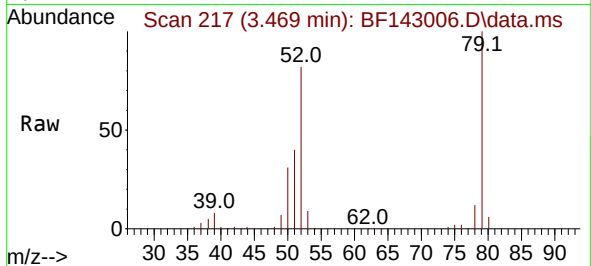




#3
Pyridine
Concen: 40.348 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

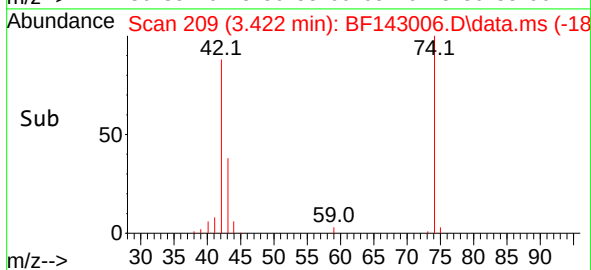
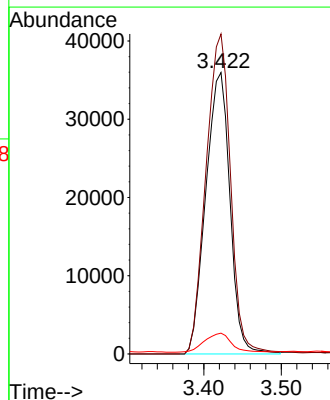
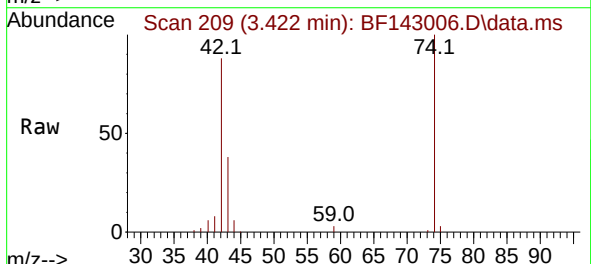
Instrument :
BNA_F
ClientSampleId :
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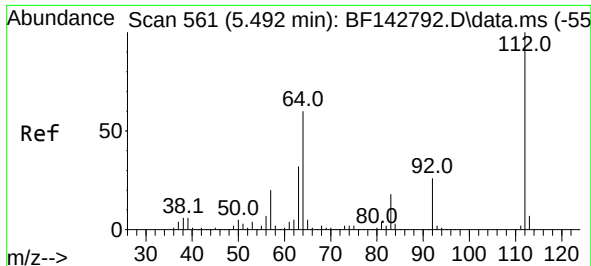
Tgt Ion: 79 Resp: 146787
Ion Ratio Lower Upper
79 100
52 82.5 69.2 103.8
51 40.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.522 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 42 Resp: 78115
Ion Ratio Lower Upper
42 100
74 113.7 90.9 136.3
44 7.4 5.8 8.6

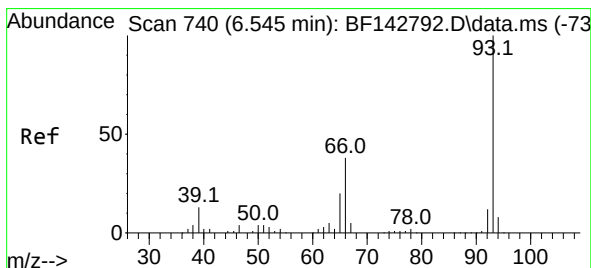
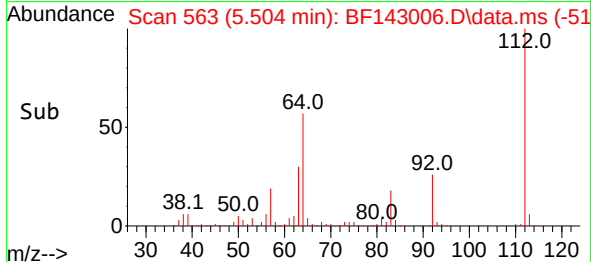
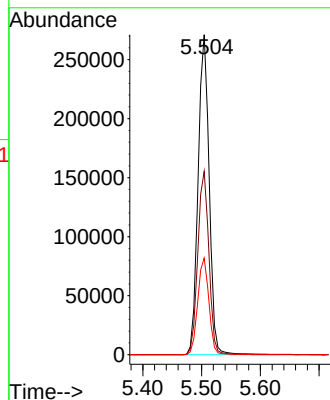
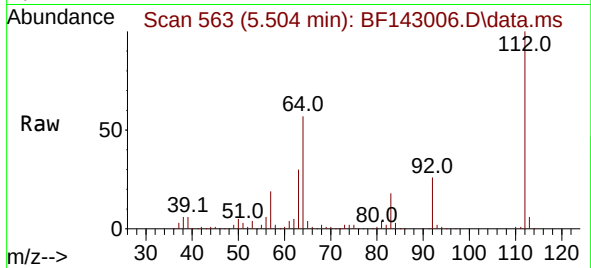




#5
2-Fluorophenol
Concen: 97.733 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

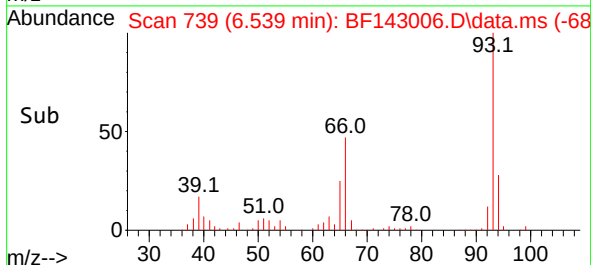
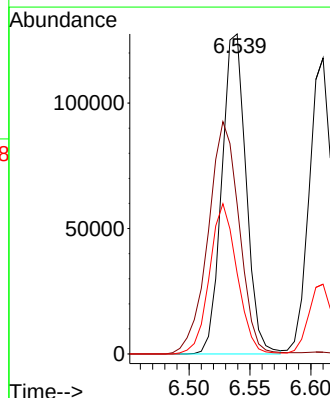
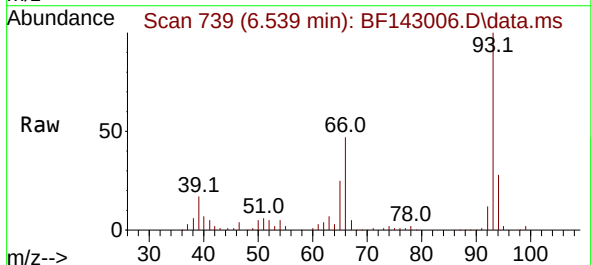
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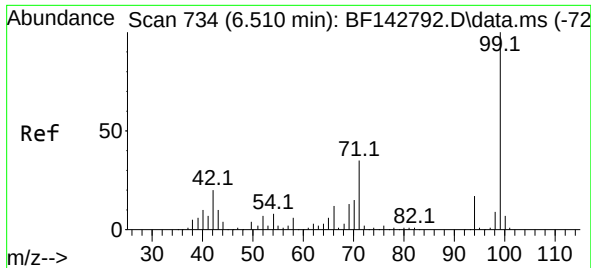
Tgt Ion:112 Resp: 354590
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.2
63 30.2 25.7 38.5



#6
Aniline
Concen: 31.034 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 93 Resp: 176756
Ion Ratio Lower Upper
93 100
66 46.7 31.8 47.6
65 25.2 16.2 24.2#

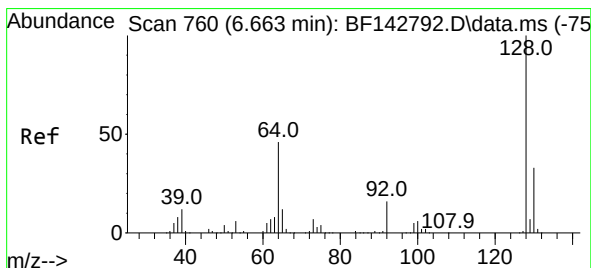
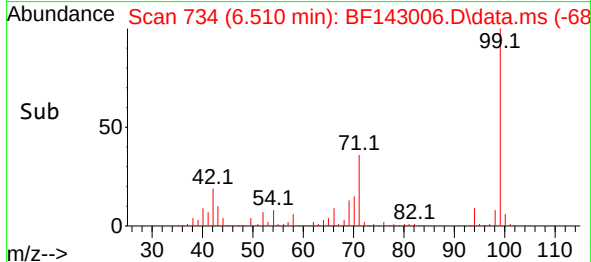
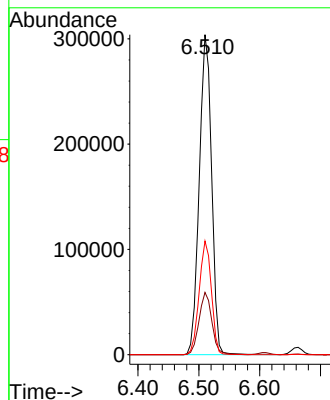
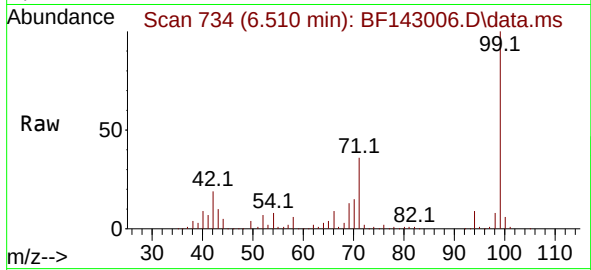




#7
Phenol-d6
Concen: 99.992 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

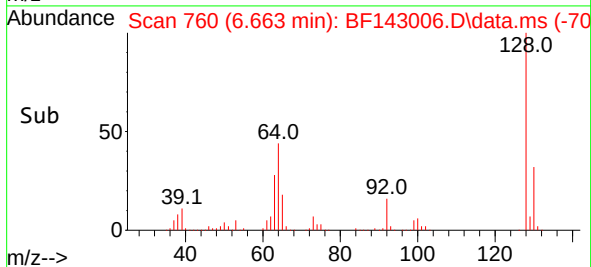
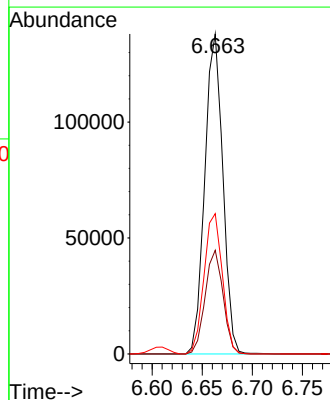
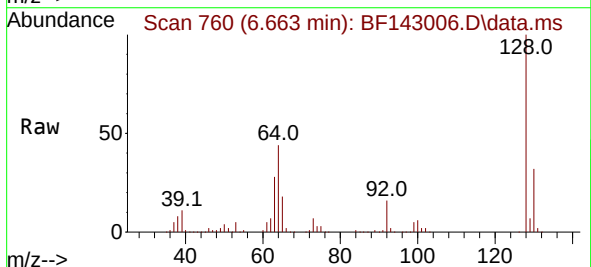
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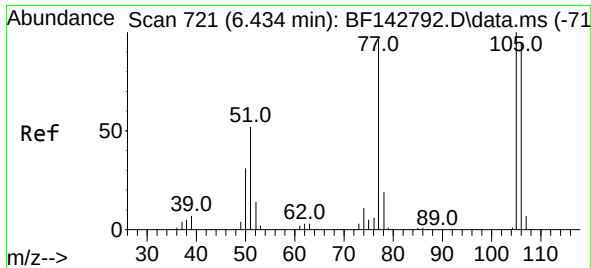
Tgt Ion: 99 Resp: 428015
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 44.280 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143006.D
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Tgt Ion:128 Resp: 173301
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 43.8 26.5 66.5

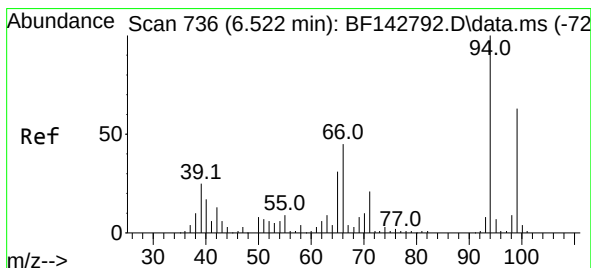
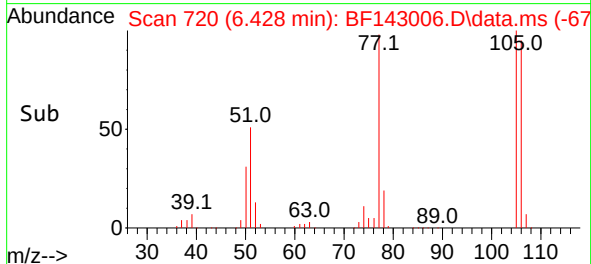
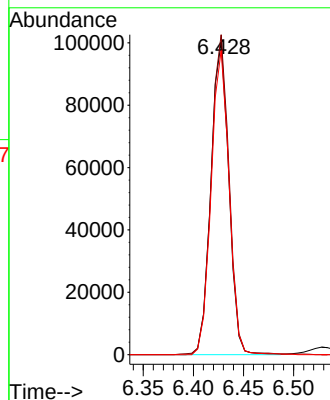
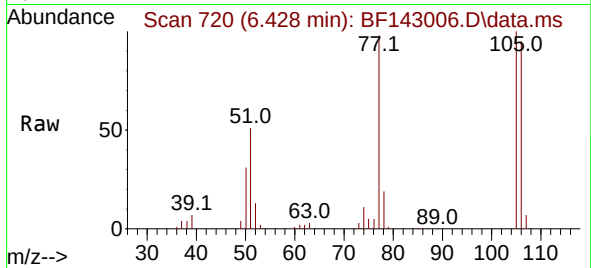




#9
Benzaldehyde
Concen: 49.029 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

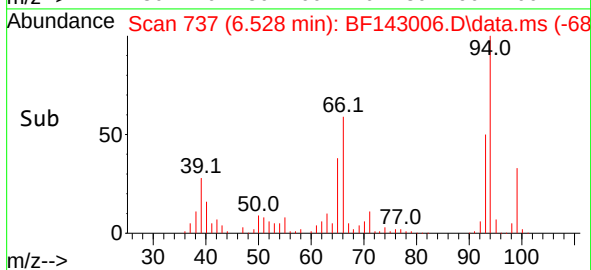
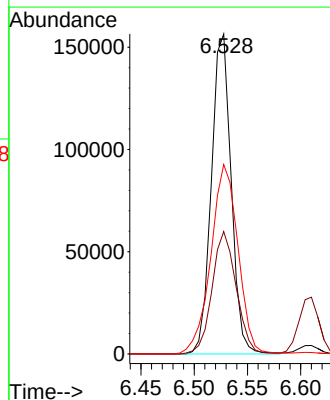
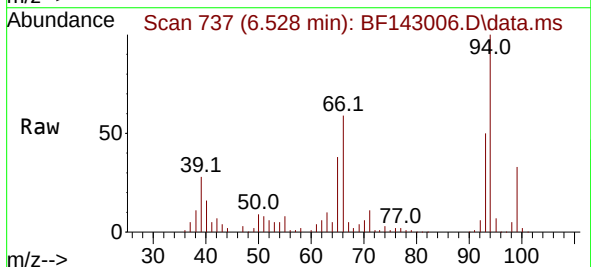
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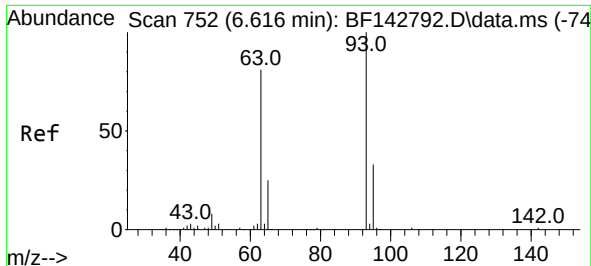
Tgt Ion: 77 Resp: 124512
Ion Ratio Lower Upper
77 100
105 102.4 83.8 123.8
106 97.3 78.7 118.7



#10
Phenol
Concen: 42.545 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 94 Resp: 202435
Ion Ratio Lower Upper
94 100
65 38.3 11.3 51.3
66 59.2 24.9 64.9

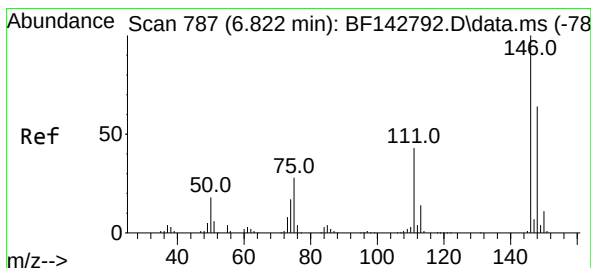
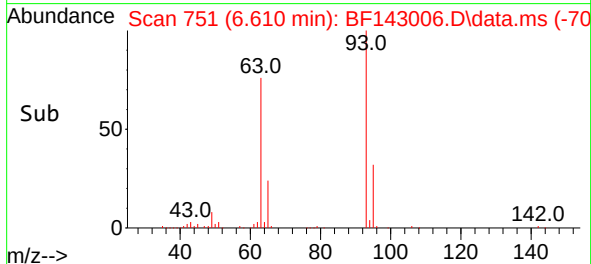
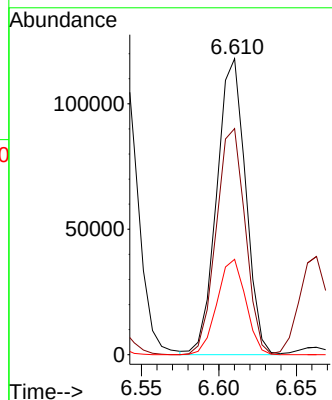
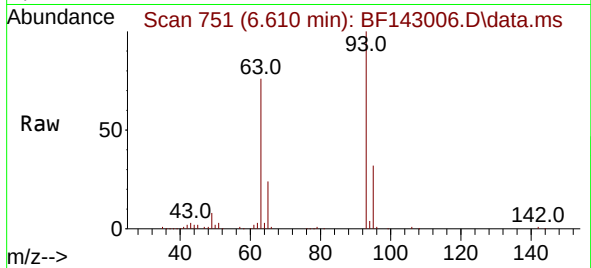




#11
bis(2-Chloroethyl)ether
Concen: 45.057 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

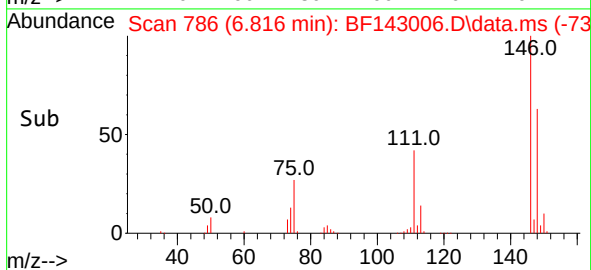
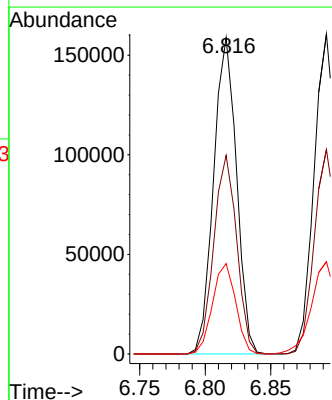
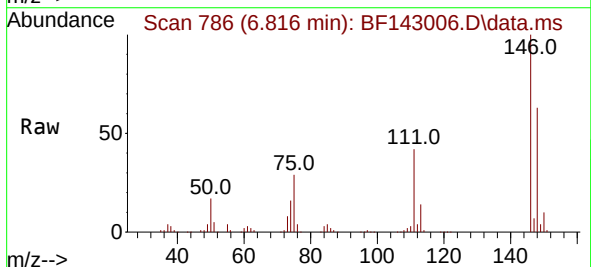
Instrument :
BNA_F
ClientSampleId :
WC-11MS

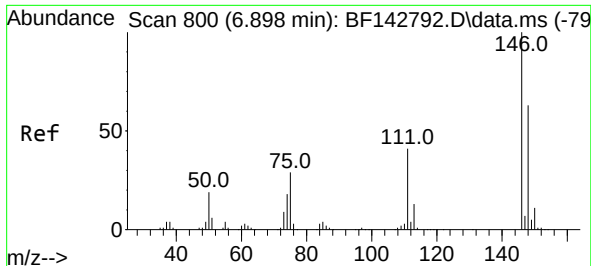
Tgt Ion: 93 Resp: 153225
Ion Ratio Lower Upper
93 100
63 76.4 60.3 100.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.116 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:146 Resp: 193097
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 44.001 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

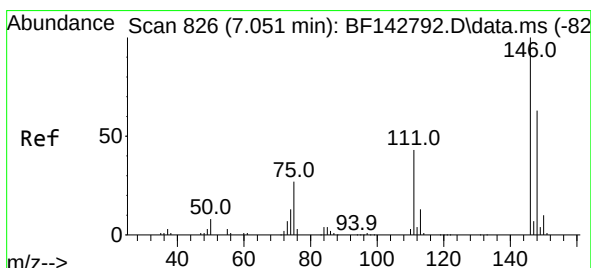
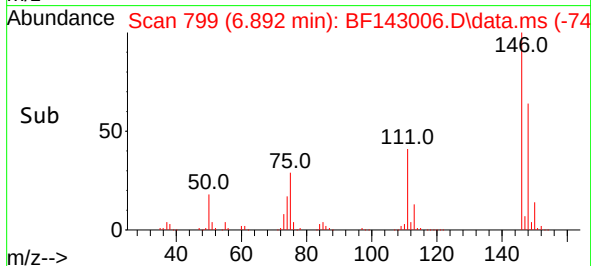
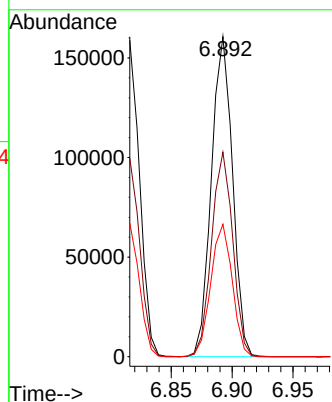
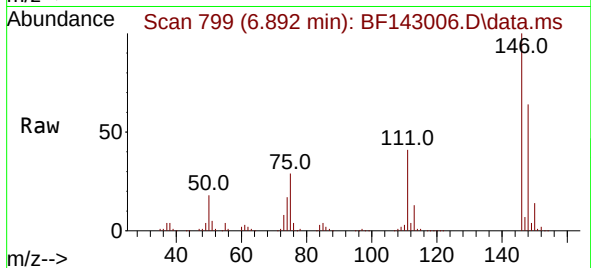
Tgt Ion:146 Resp: 194313

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 41.4 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 44.759 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

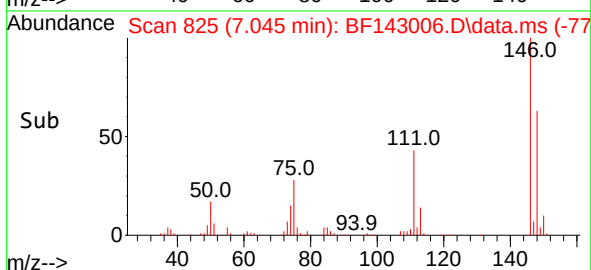
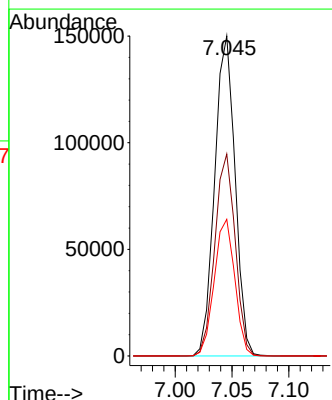
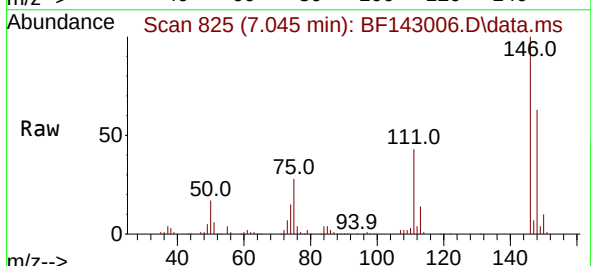
Tgt Ion:146 Resp: 187479

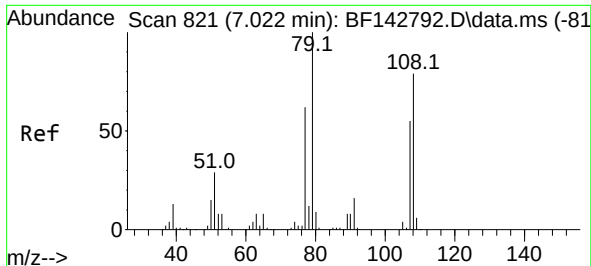
Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

111 42.7 34.1 51.1

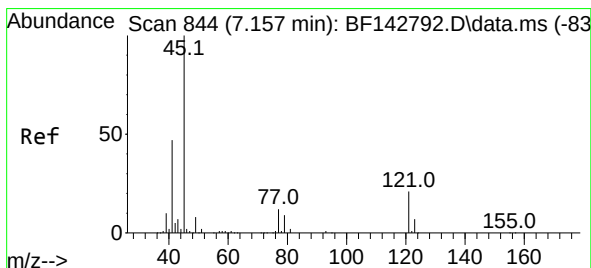
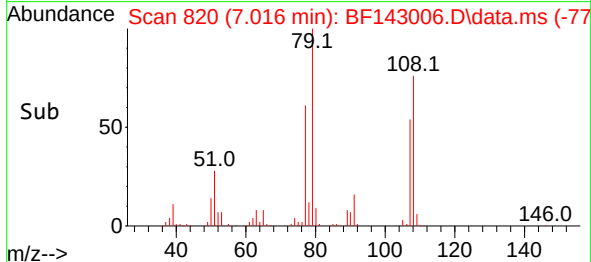
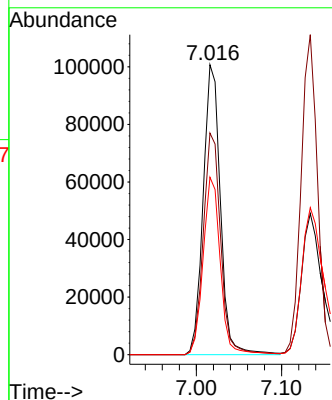
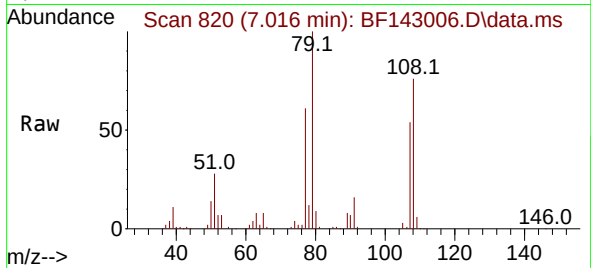




#15
Benzyl Alcohol
Concen: 45.818 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

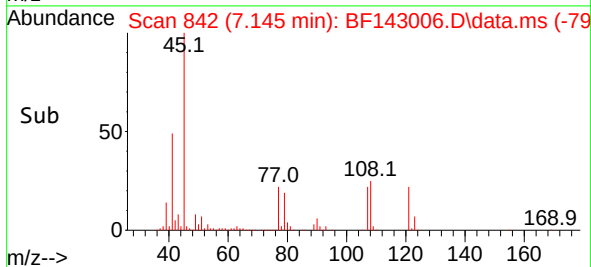
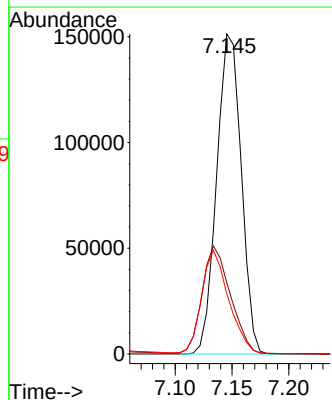
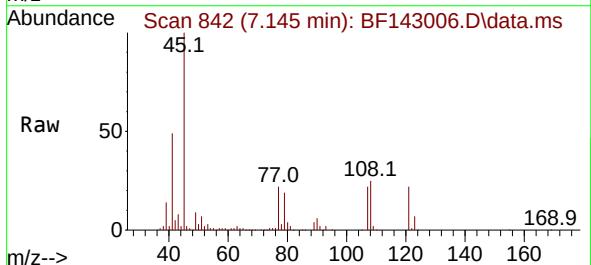
Instrument :
BNA_F
ClientSampleId :
WC-11MS

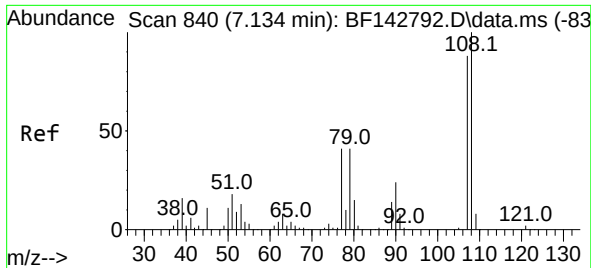
Tgt Ion: 79 Resp: 141784
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.711 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 45 Resp: 227895
Ion Ratio Lower Upper
45 100
77 22.3 0.0 32.8
79 18.8 0.0 29.8

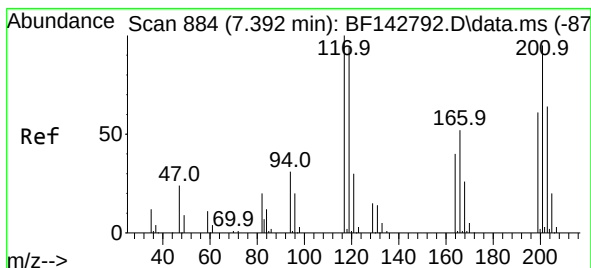
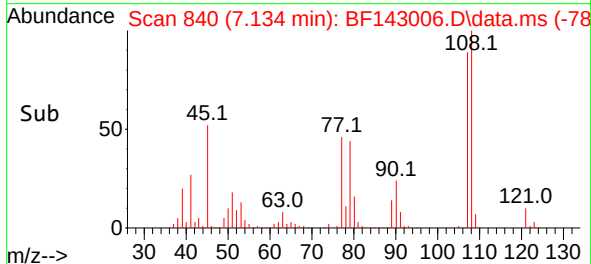
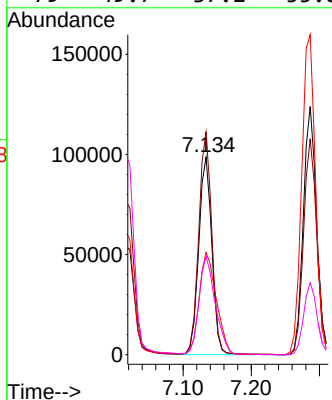
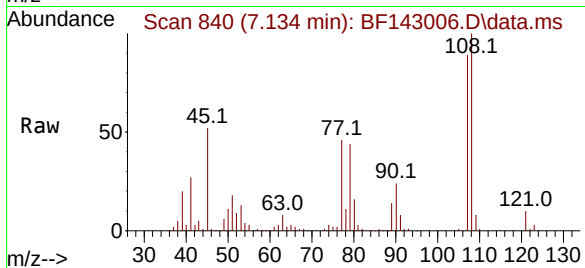




#17
2-Methylphenol
Concen: 44.671 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

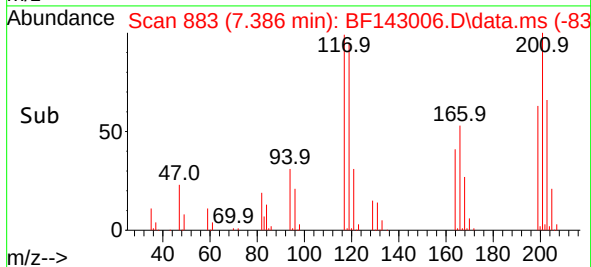
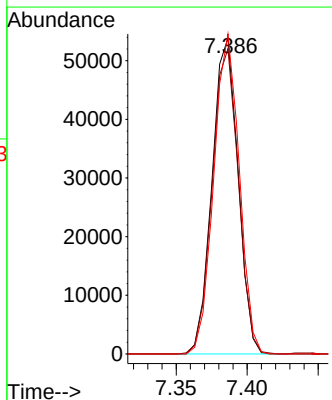
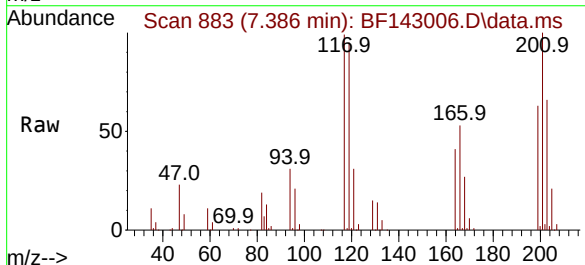
Instrument :
BNA_F
ClientSampleId :
WC-11MS

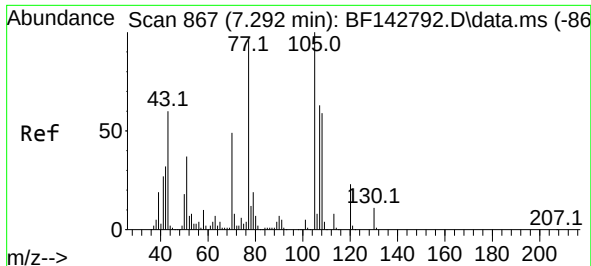
Tgt Ion:	107	Resp:	132489
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	51.8	37.3	55.9
79	49.7	37.2	55.8



#18
Hexachloroethane
Concen: 44.350 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:	117	Resp:	68505
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	101.3	75.9	113.9



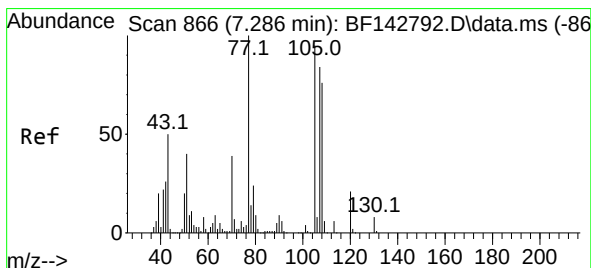
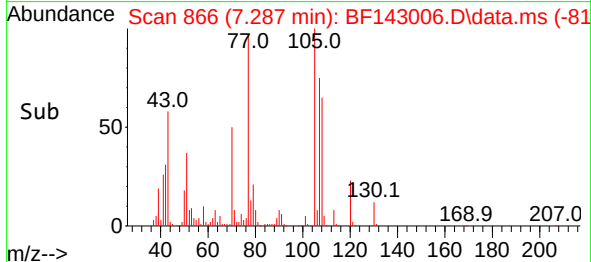
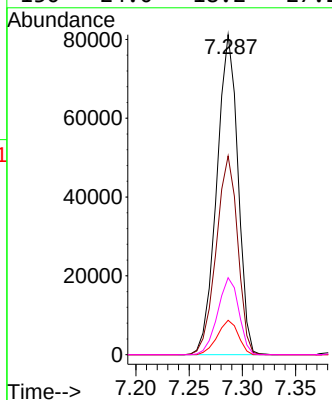
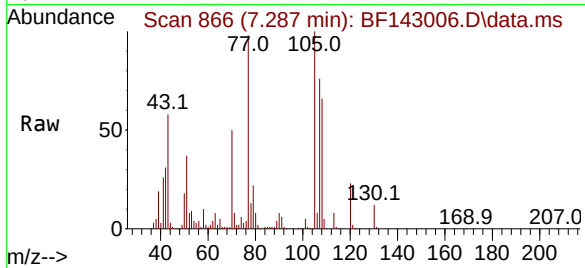


#19
n-Nitroso-di-n-propylamine
Concen: 45.000 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 70 Resp: 112029

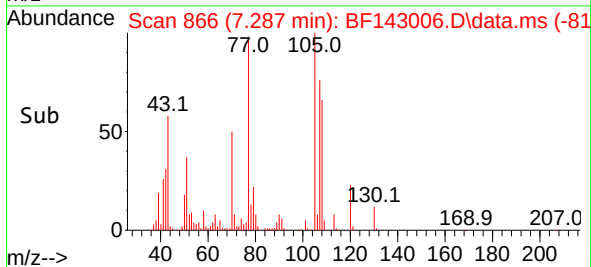
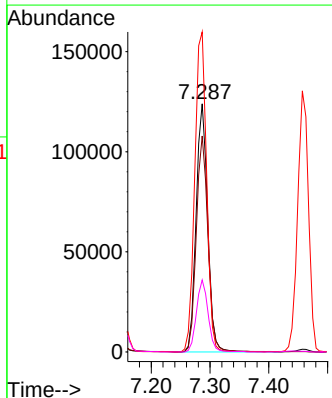
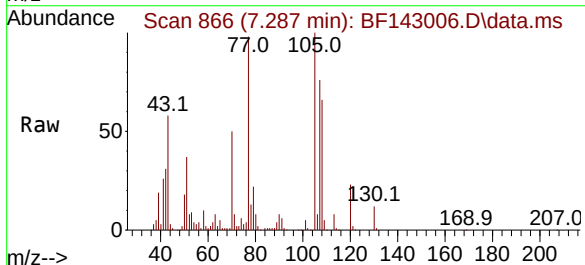
Ion	Ratio	Lower	Upper
70	100		
42	62.1	52.1	78.1
101	10.8	8.2	12.2
130	24.0	18.2	27.2

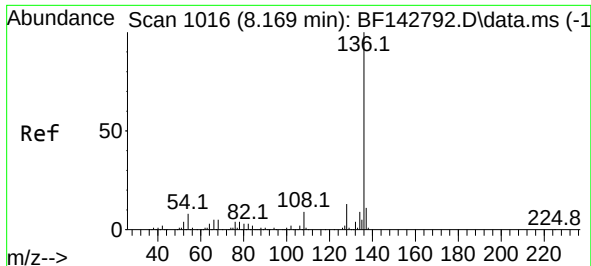


#20
3+4-Methylphenols
Concen: 45.791 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 107 Resp: 169332

Ion	Ratio	Lower	Upper
107	100		
108	87.0	70.0	110.0
77	128.9	98.5	138.5
79	29.0	8.8	48.8



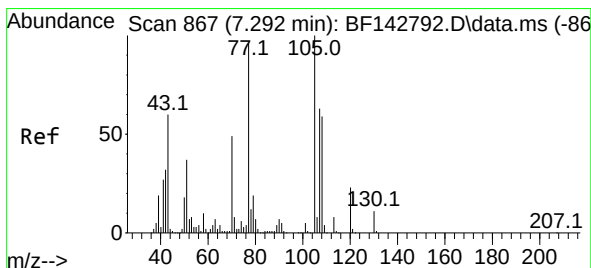
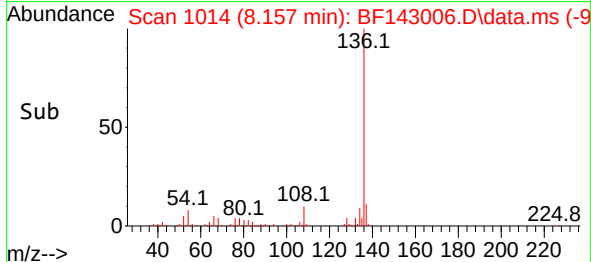
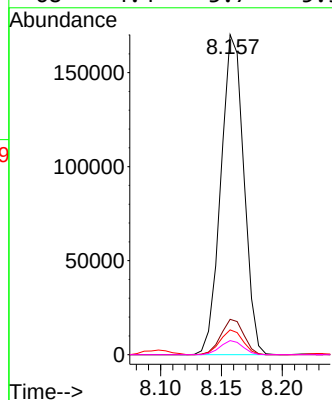
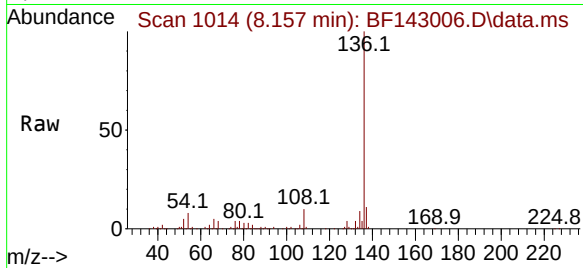


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:136 Resp: 223388

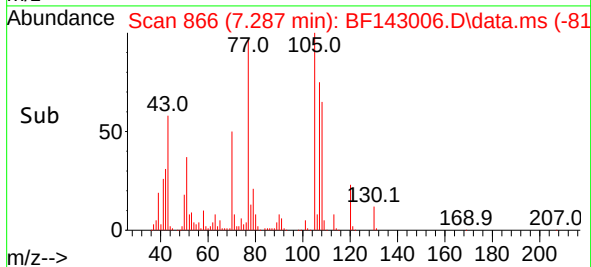
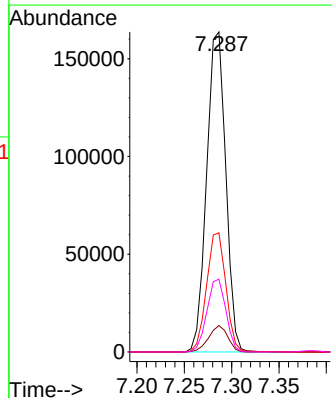
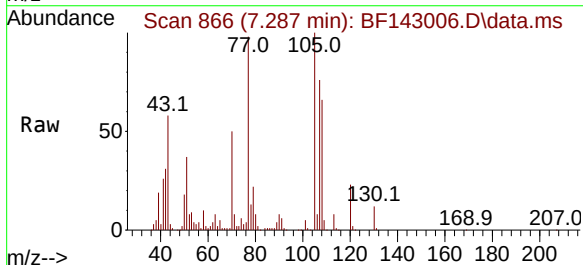
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.8	6.3	9.5
68	4.4	3.7	5.5

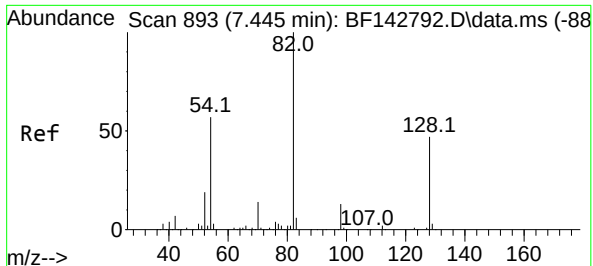


#22
Acetophenone
Concen: 46.554 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:105 Resp: 229328

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.5	9.7
51	37.2	29.8	44.8
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 64.171 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

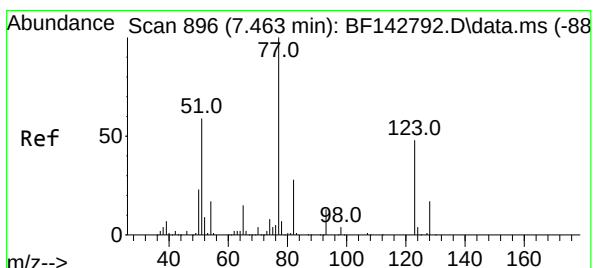
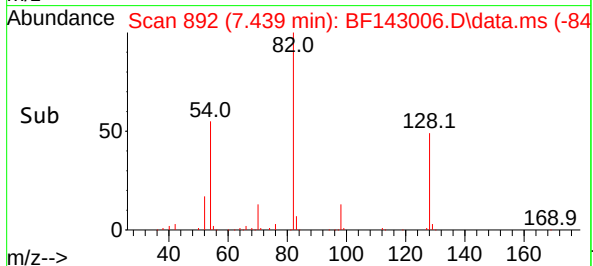
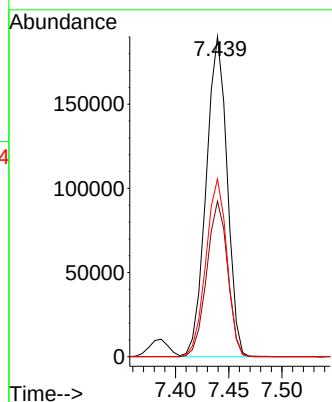
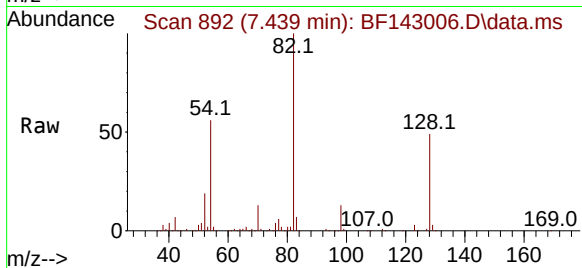
Tgt Ion: 82 Resp: 261346

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 55.5 45.7 68.5



#24

Nitrobenzene

Concen: 45.557 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

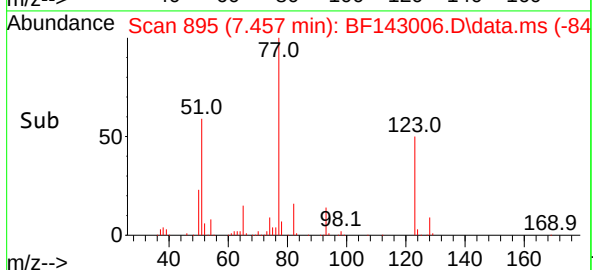
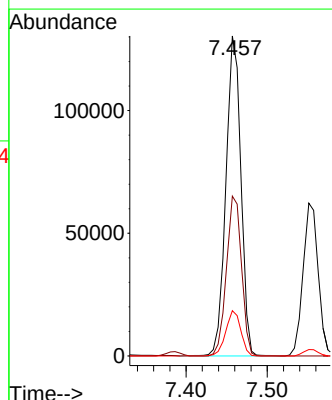
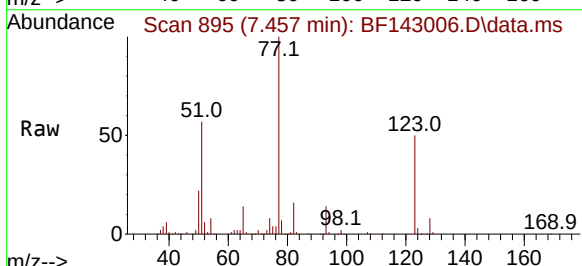
Tgt Ion: 77 Resp: 167930

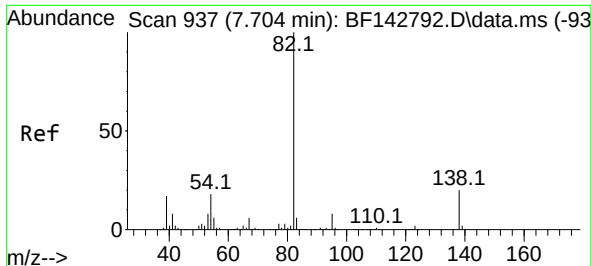
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.2 11.6 17.4

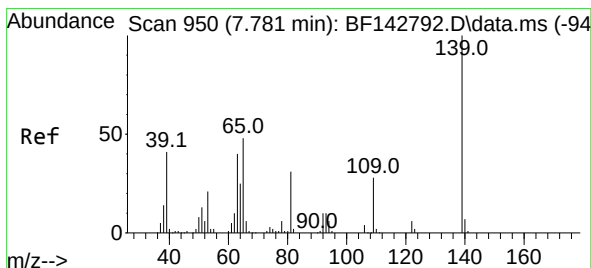
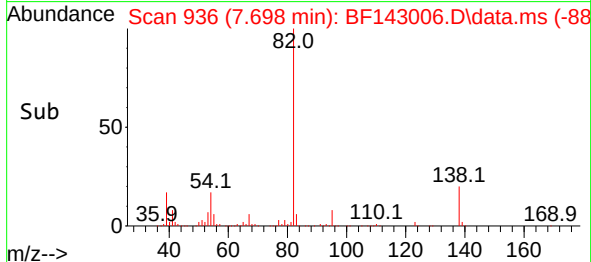
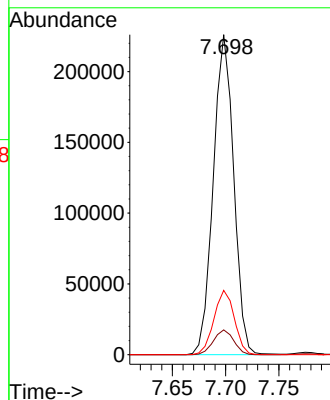
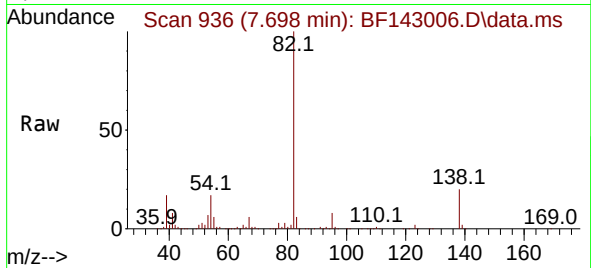




#25
Isophorone
Concen: 46.033 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

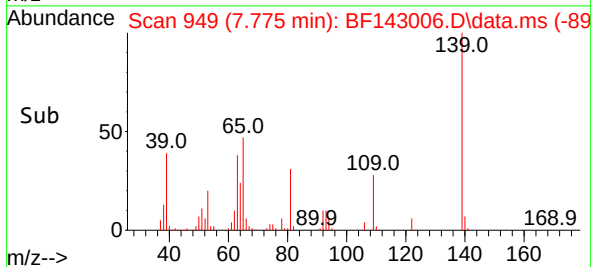
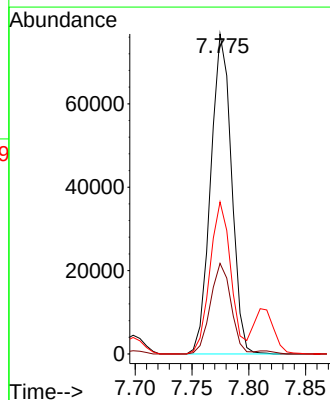
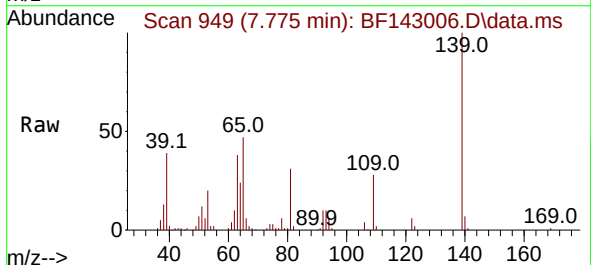
Instrument :
BNA_F
ClientSampleId :
WC-11MS

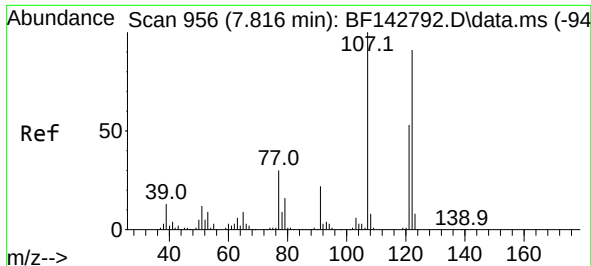
Tgt Ion: 82 Resp: 300741
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 48.701 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 139 Resp: 97790
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 47.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.491 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

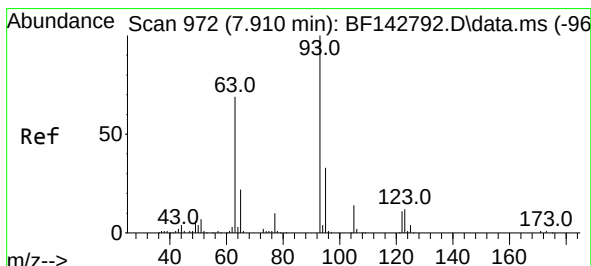
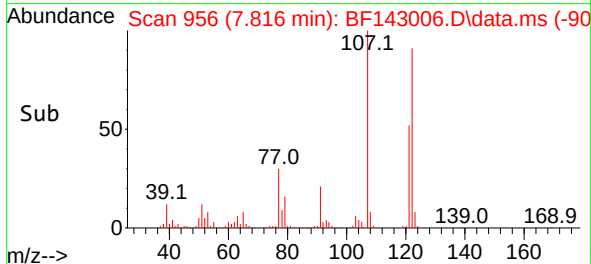
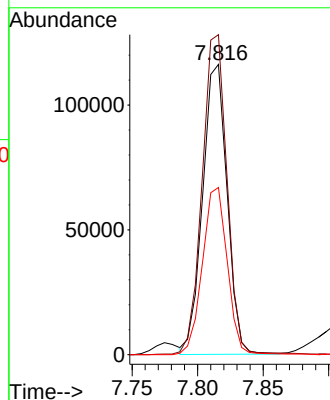
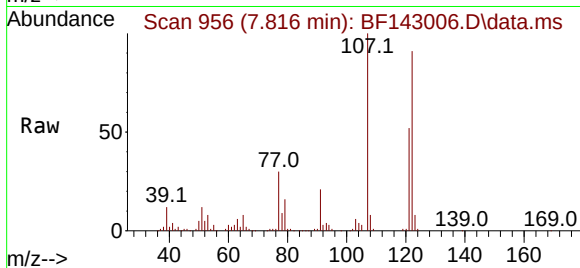
Tgt Ion:122 Resp: 151268

Ion Ratio Lower Upper

122 100

107 110.3 88.0 132.0

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.972 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

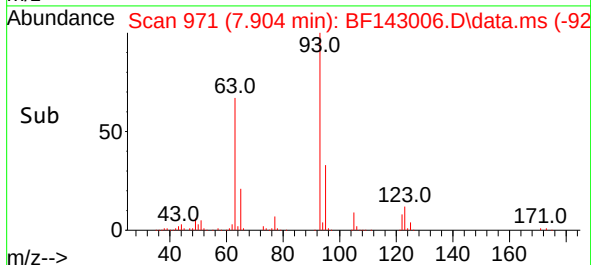
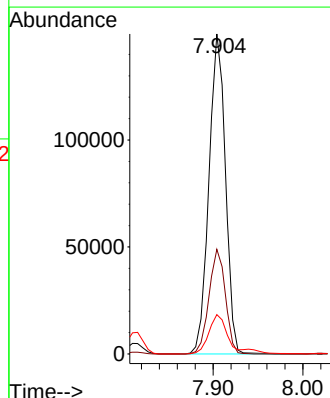
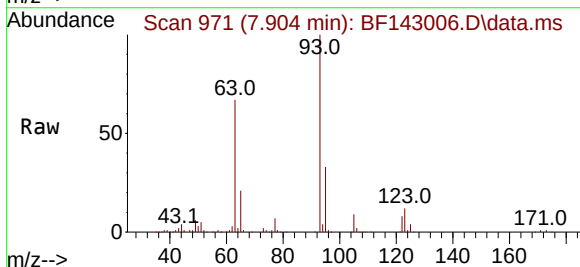
Tgt Ion: 93 Resp: 190945

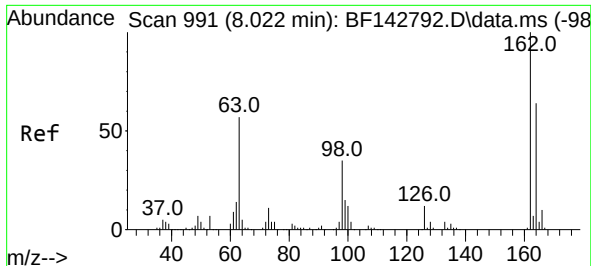
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.3 9.9 14.9

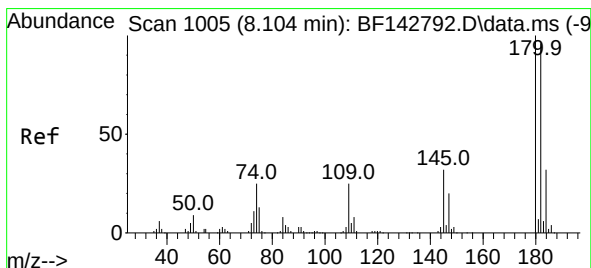
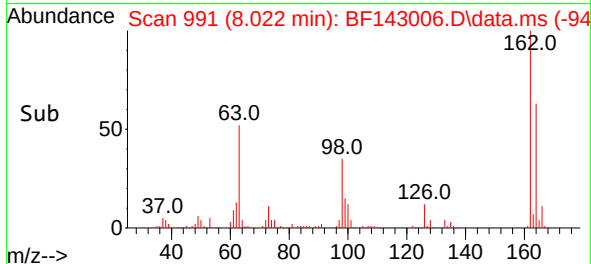
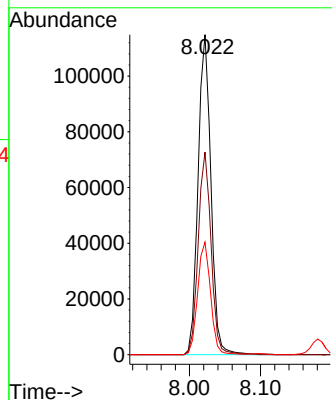
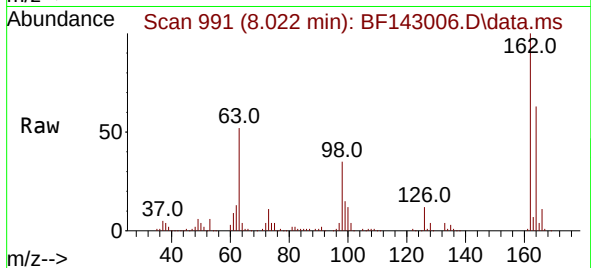




#29
2,4-Dichlorophenol
Concen: 46.010 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

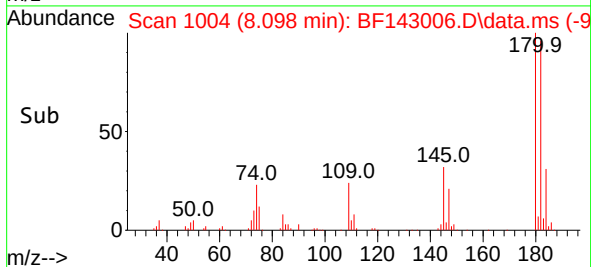
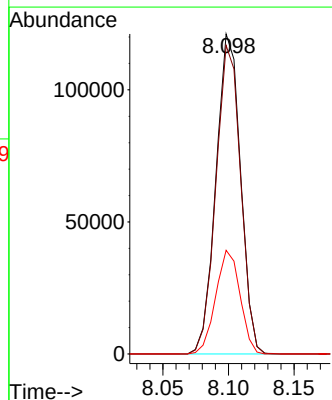
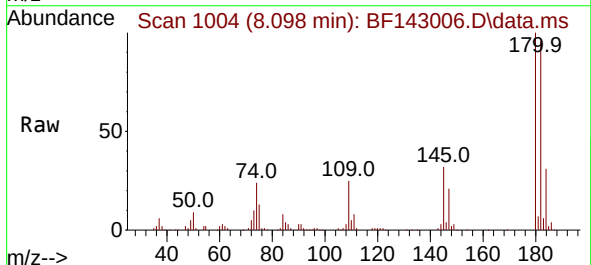
Instrument :
BNA_F
ClientSampleId :
WC-11MS

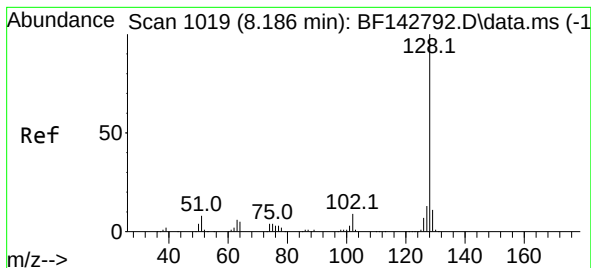
Tgt Ion:162 Resp: 145103
Ion Ratio Lower Upper
162 100
164 63.3 44.0 84.0
98 35.2 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 45.499 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:180 Resp: 157786
Ion Ratio Lower Upper
180 100
182 96.4 76.4 114.6
145 32.4 25.8 38.8





#31

Naphthalene

Concen: 45.485 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

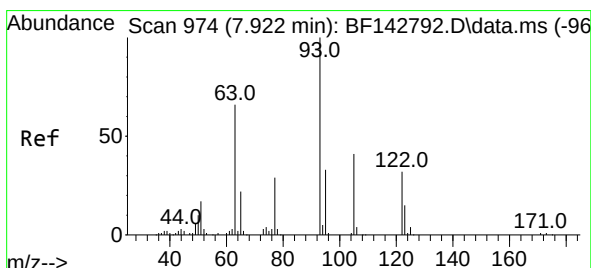
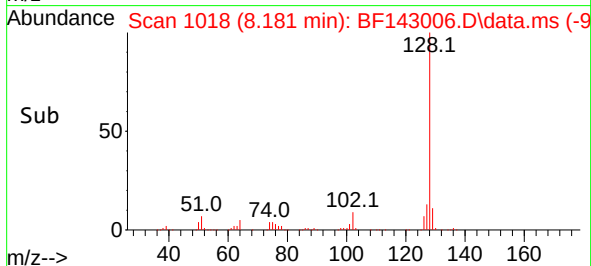
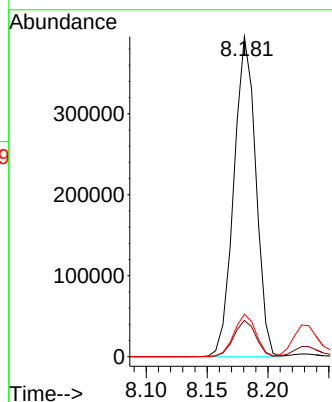
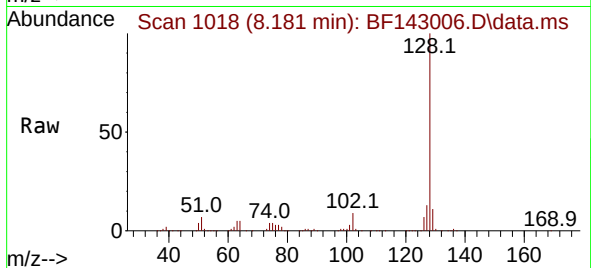
Tgt Ion:128 Resp: 497351

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 45.117 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.018 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

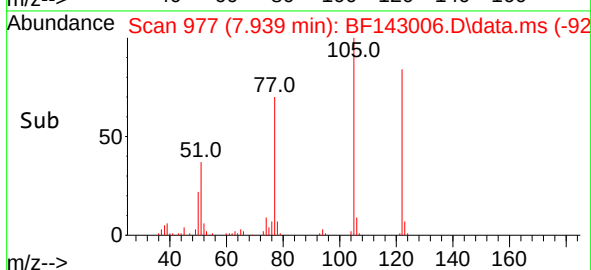
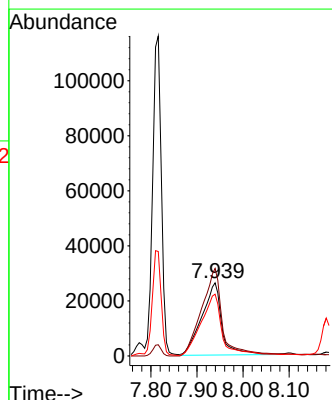
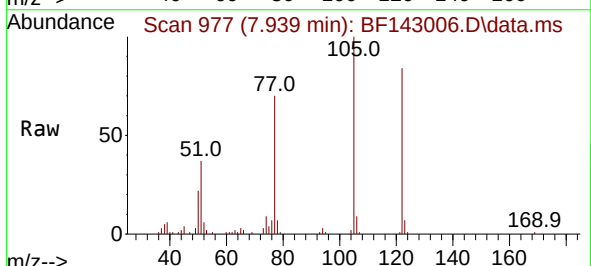
Tgt Ion:122 Resp: 79982

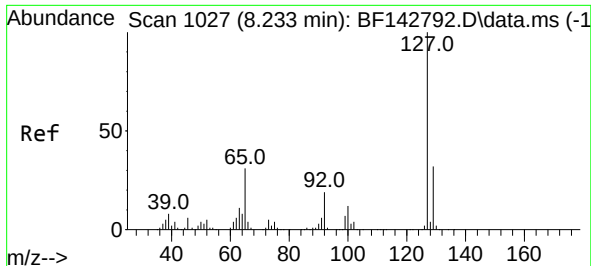
Ion Ratio Lower Upper

122 100

105 119.7 104.7 144.7

77 84.3 70.2 110.2

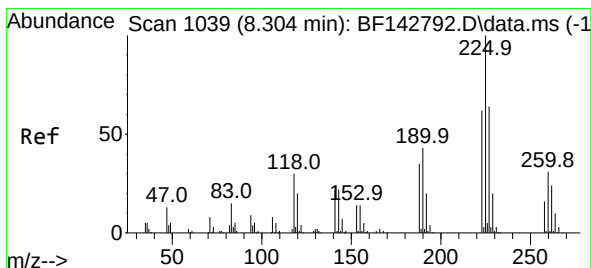
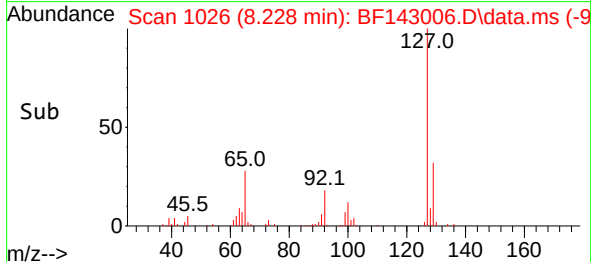
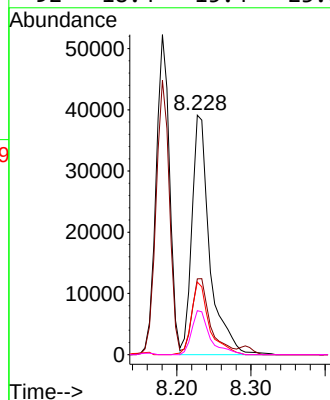
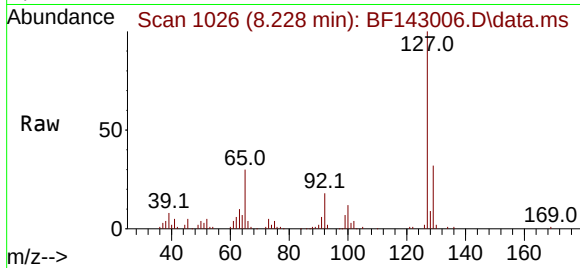




#33
4-Chloroaniline
Concen: 14.752 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

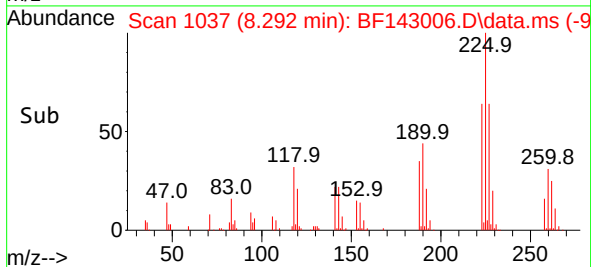
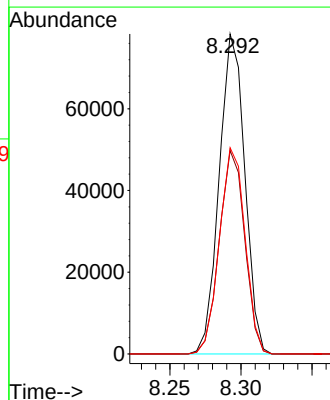
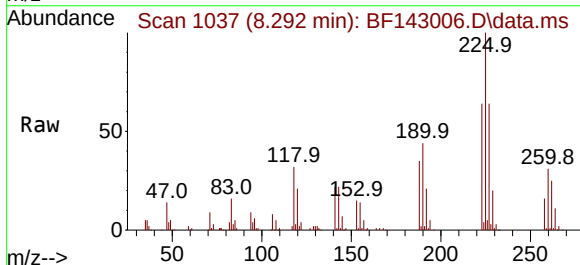
Instrument :
BNA_F
ClientSampleId :
WC-11MS

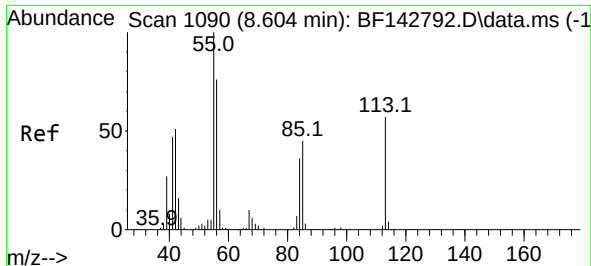
Tgt Ion:	127	Resp:	65589
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	30.3	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 46.213 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:	225	Resp:	98029
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	64.4	51.4	77.0

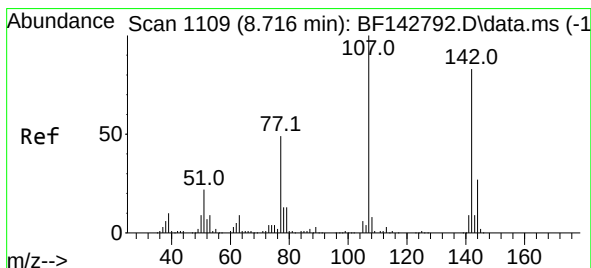
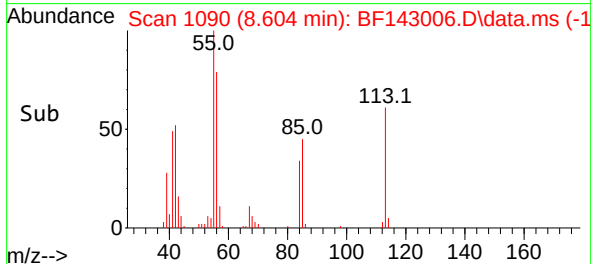
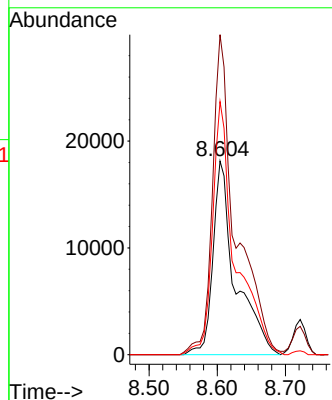
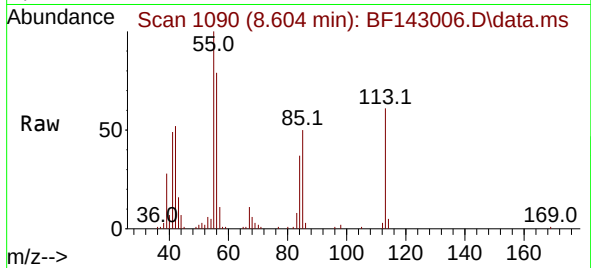




#35
 Caprolactam
 Concen: 50.106 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143006.D
 Acq: 07 Jul 2025 13:47

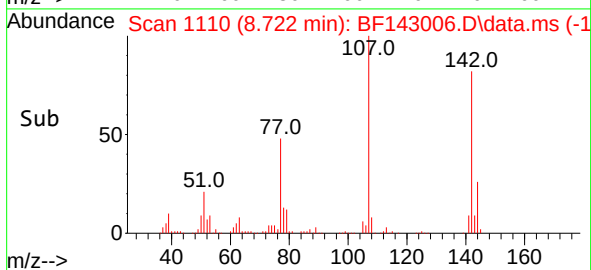
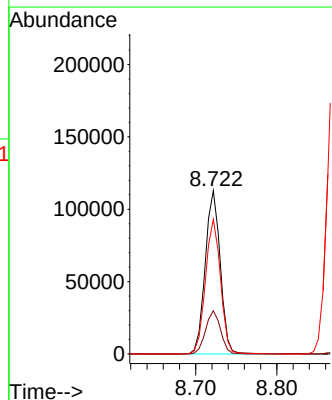
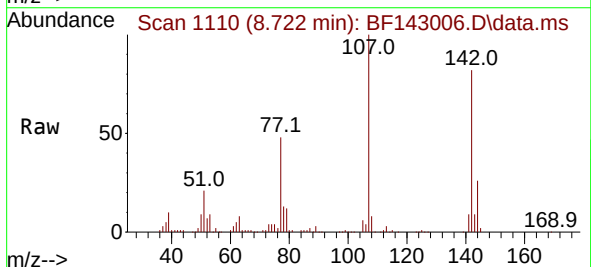
Instrument :
 BNA_F
 ClientSampleId :
 WC-11MS

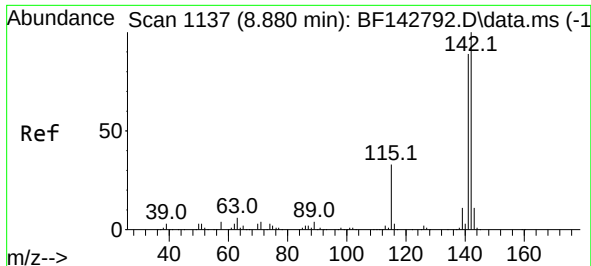
Tgt Ion:113 Resp: 41698
 Ion Ratio Lower Upper
 113 100
 55 165.2 154.4 194.4
 56 130.7 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.324 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF143006.D
 Acq: 07 Jul 2025 13:47

Tgt Ion:107 Resp: 145195
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.3 31.9
 142 82.4 66.6 100.0

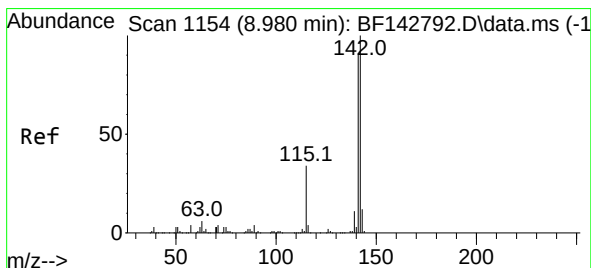
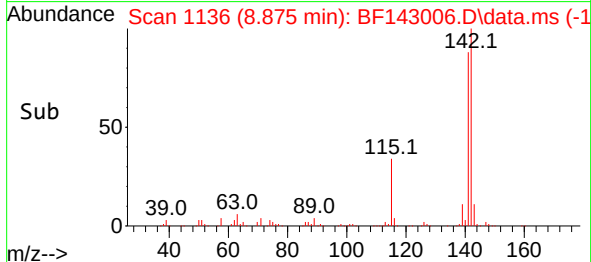
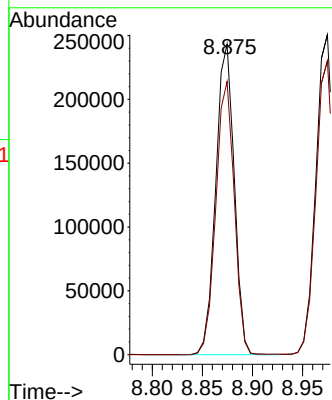
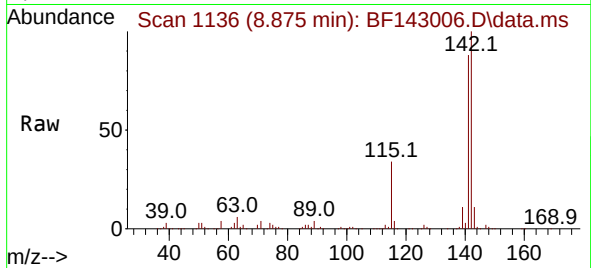




#37
2-Methylnaphthalene
Concen: 45.837 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

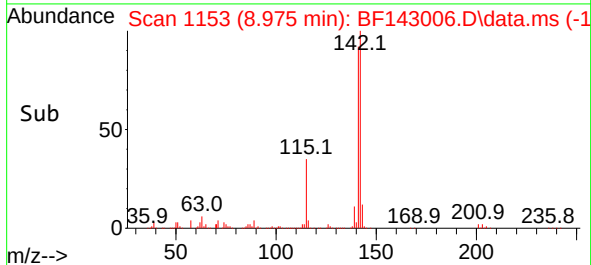
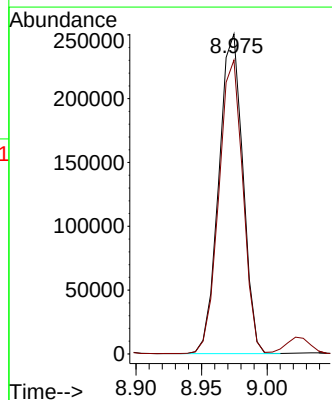
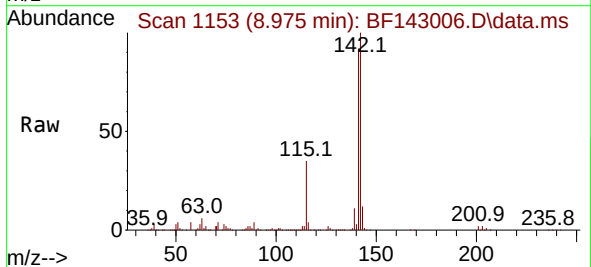
Instrument :
BNA_F
ClientSampleId :
WC-11MS

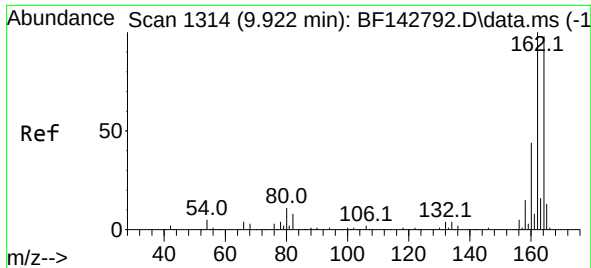
Tgt Ion:142 Resp: 310731
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3



#38
1-Methylnaphthalene
Concen: 45.534 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:142 Resp: 319535
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4

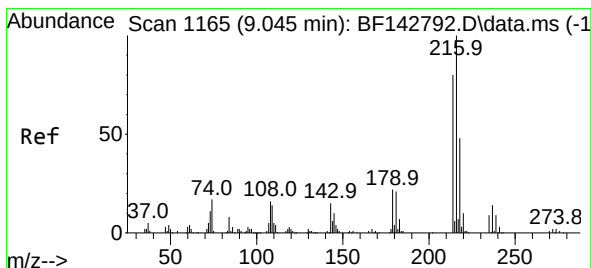
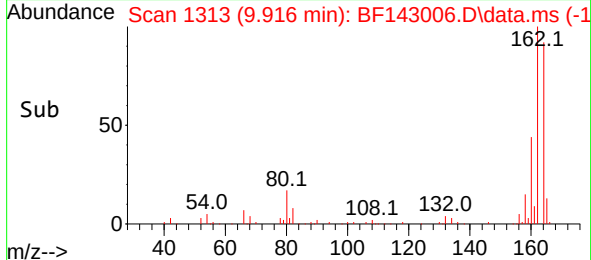
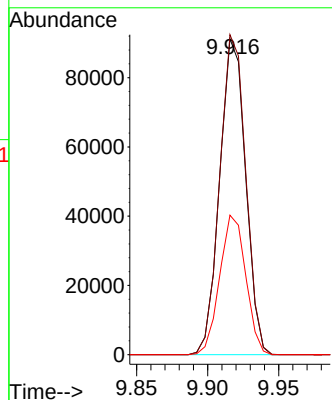
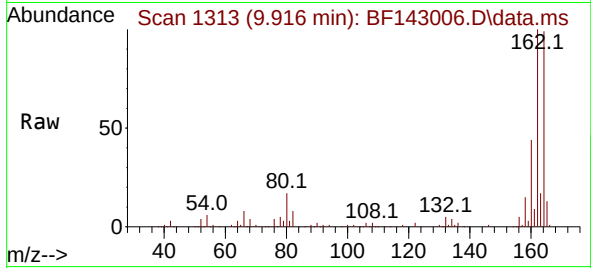




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

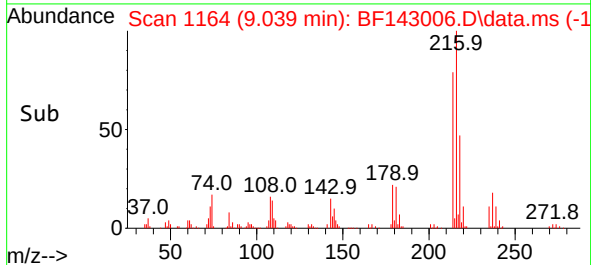
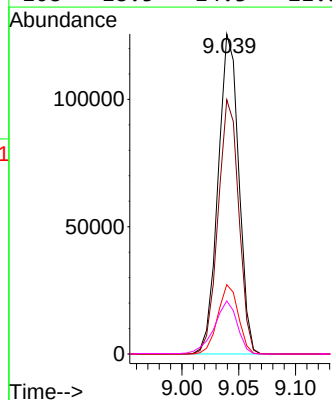
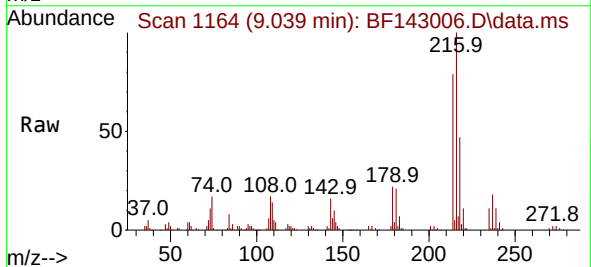
Instrument :
BNA_F
ClientSampleId :
WC-11MS

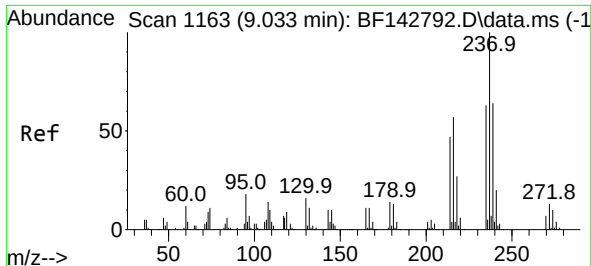
Tgt Ion:164 Resp: 115795
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.8
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.624 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:216 Resp: 159300
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.4 17.6 26.4
108 18.5 14.3 21.5

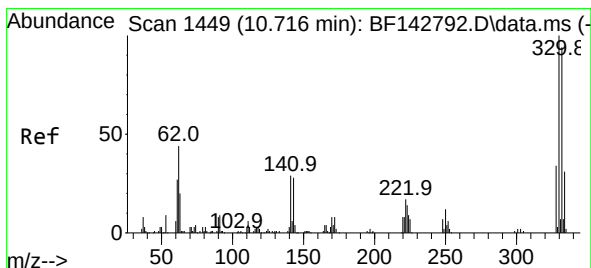
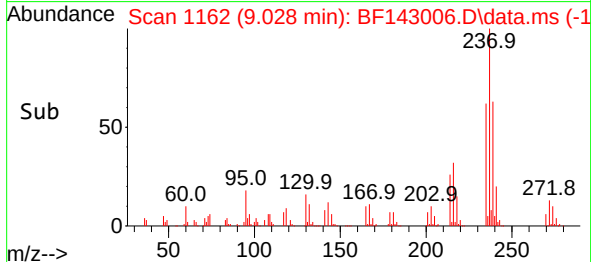
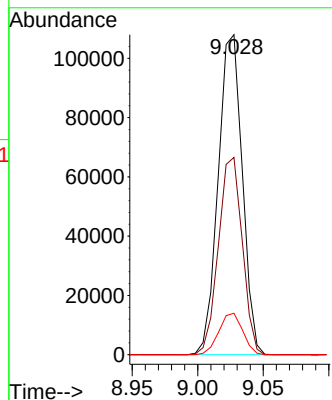
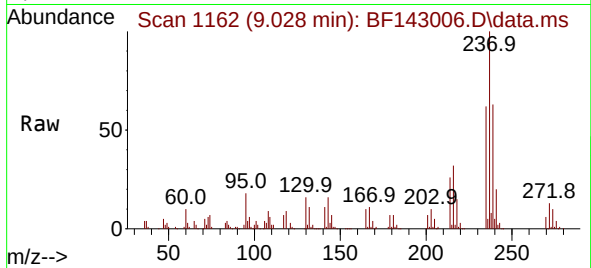




#41
Hexachlorocyclopentadiene
Concen: 71.163 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

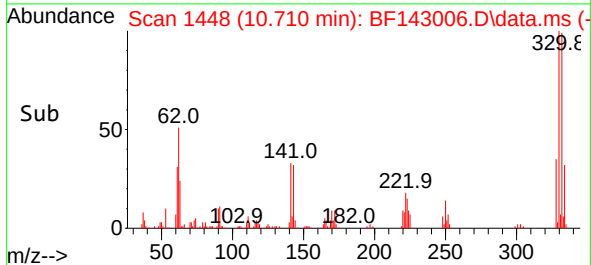
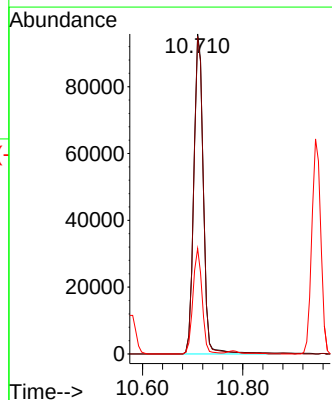
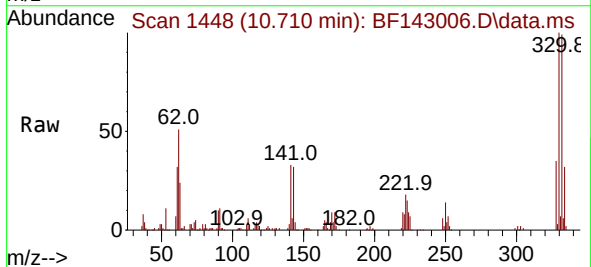
Instrument :
BNA_F
ClientSampleId :
WC-11MS

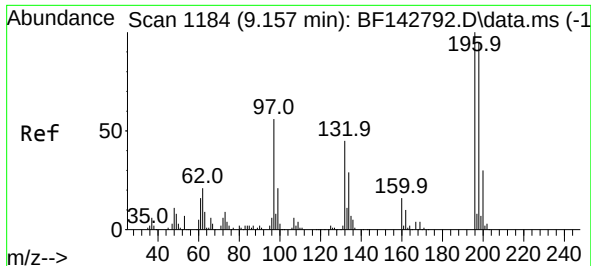
Tgt Ion:237 Resp: 137979
Ion Ratio Lower Upper
237 100
235 61.7 43.4 83.4
272 13.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 105.819 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:330 Resp: 126095
Ion Ratio Lower Upper
330 100
332 98.7 75.0 112.6
141 31.7 25.3 37.9

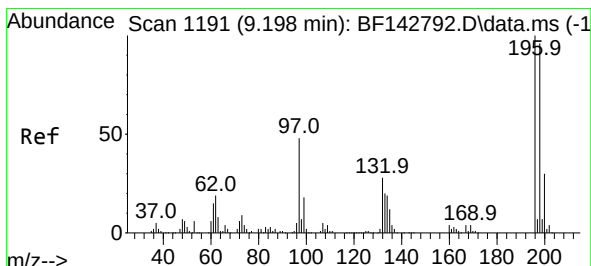
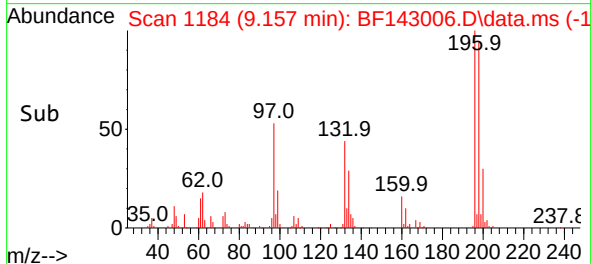
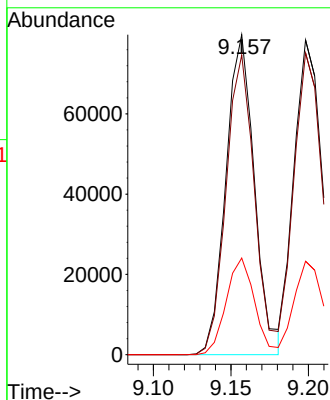
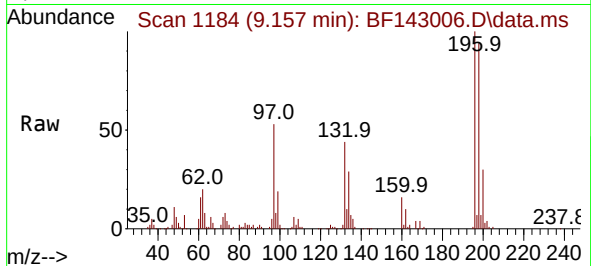




#43
2,4,6-Trichlorophenol
Concen: 45.820 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

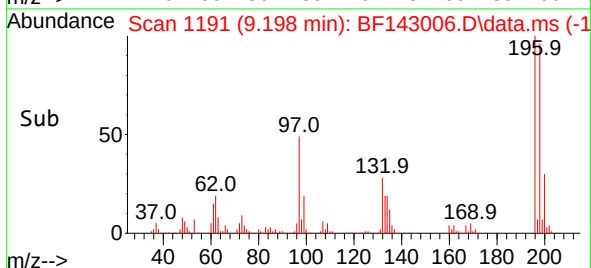
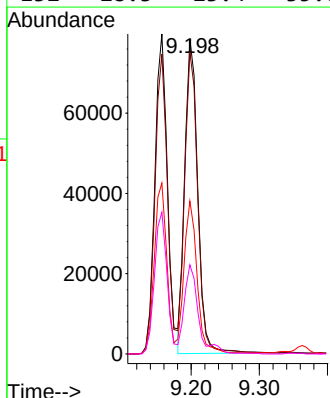
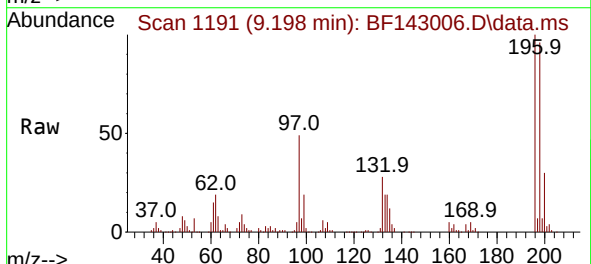
Instrument :
BNA_F
ClientSampleId :
WC-11MS

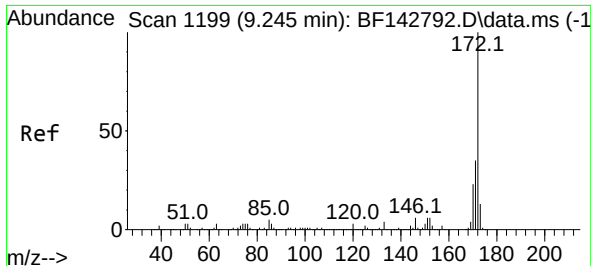
Tgt Ion:196 Resp: 102014
Ion Ratio Lower Upper
196 100
198 93.6 76.2 114.2
200 30.2 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.265 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:196 Resp: 103743
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
97 48.6 38.2 57.2
132 28.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 62.046 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

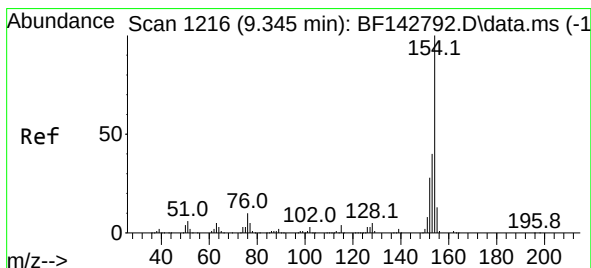
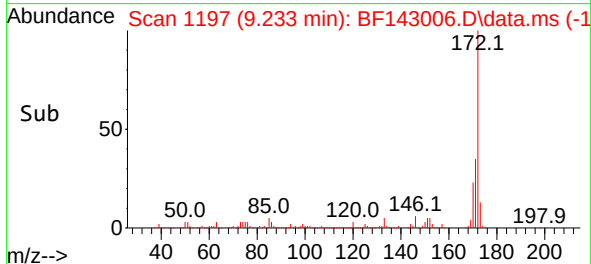
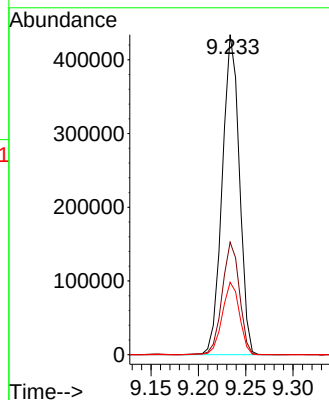
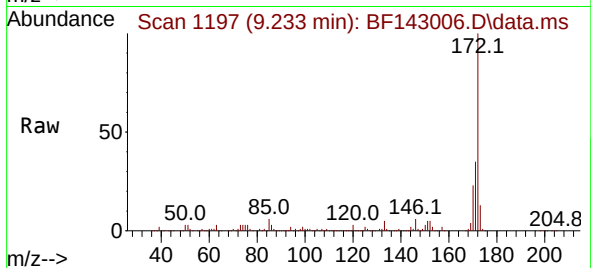
Tgt Ion:172 Resp: 546912

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 22.7 18.5 27.7



#46

1,1'-Biphenyl

Concen: 46.967 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

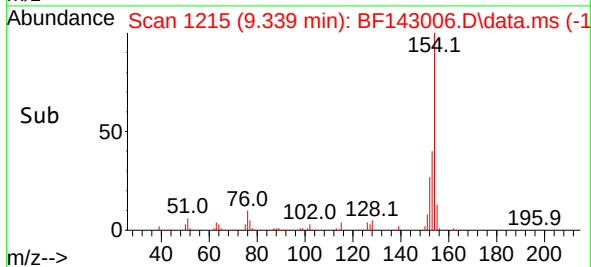
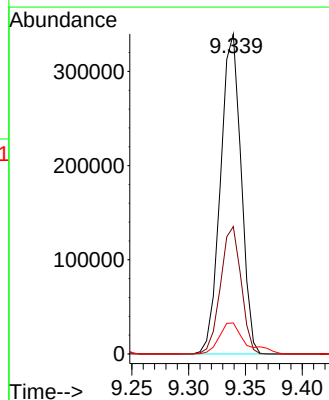
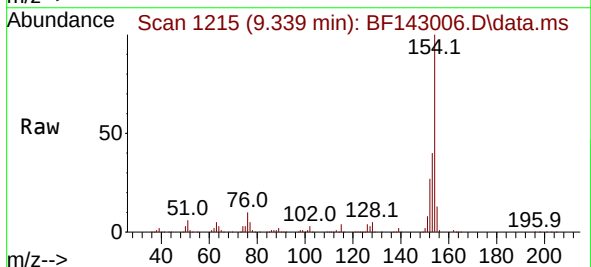
Tgt Ion:154 Resp: 429611

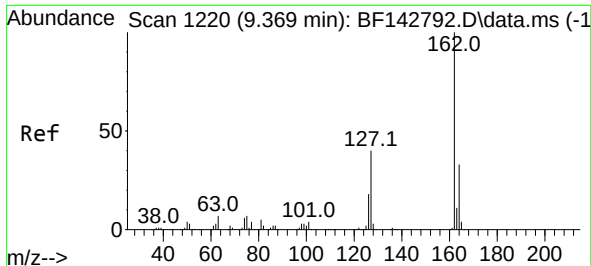
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 9.7 0.0 30.3

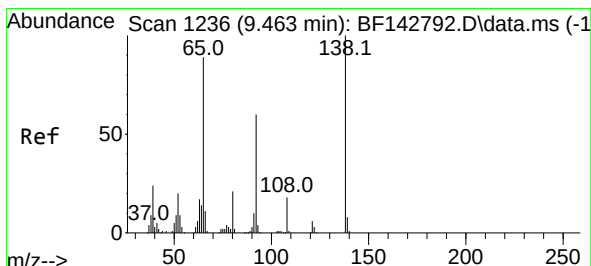
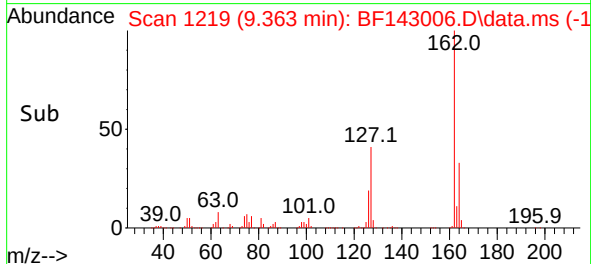
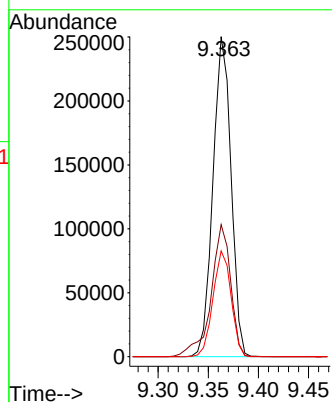
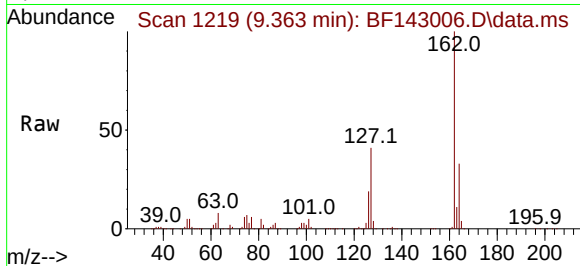




#47
2-Chloronaphthalene
Concen: 45.656 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

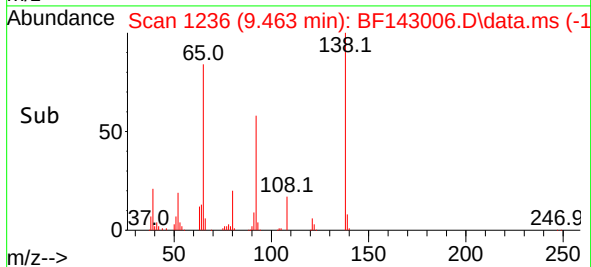
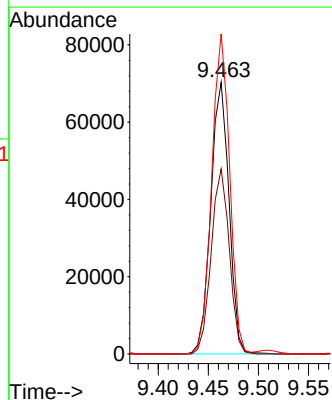
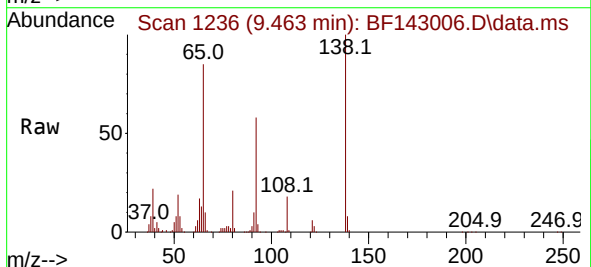
Instrument :
BNA_F
ClientSampleId :
WC-11MS

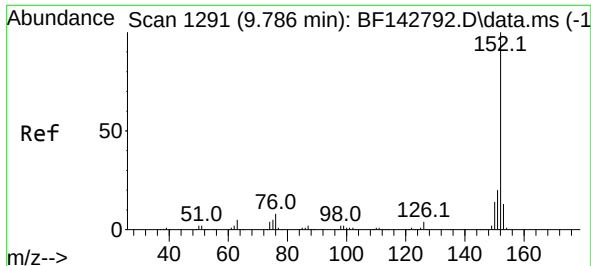
Tgt Ion:162 Resp: 313398
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 46.225 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

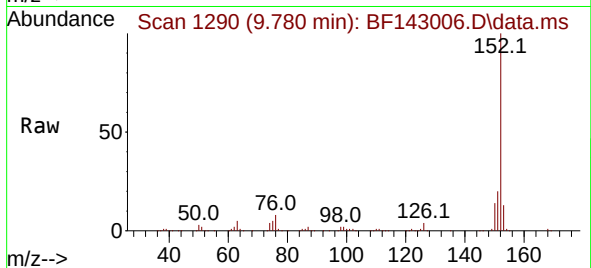
Tgt Ion: 65 Resp: 88958
Ion Ratio Lower Upper
65 100
92 68.1 53.8 80.6
138 117.8 89.6 134.4



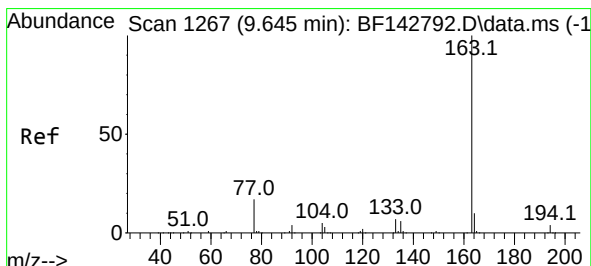
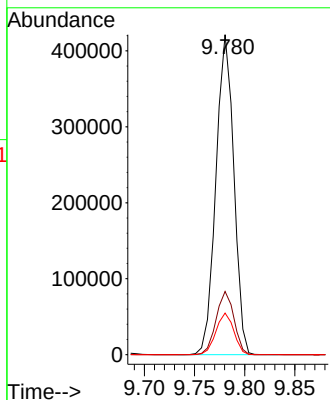
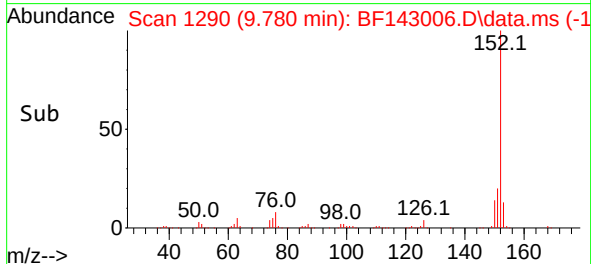


#49
Acenaphthylene
Concen: 46.227 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

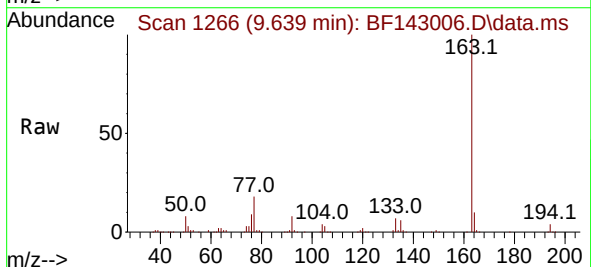
Instrument :
BNA_F
ClientSampleId :
WC-11MS



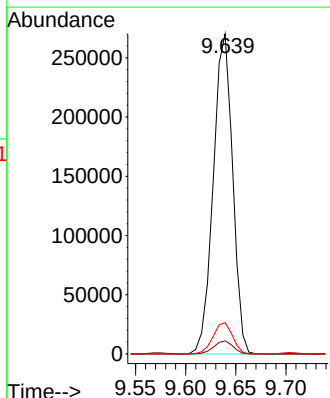
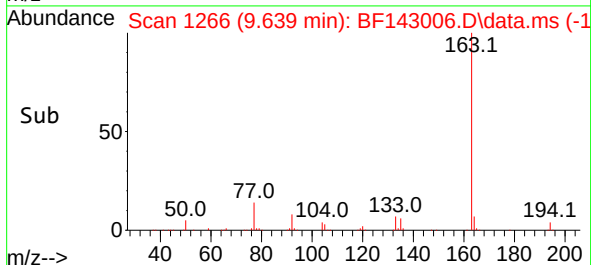
Tgt Ion:152 Resp: 522368
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.4 15.6

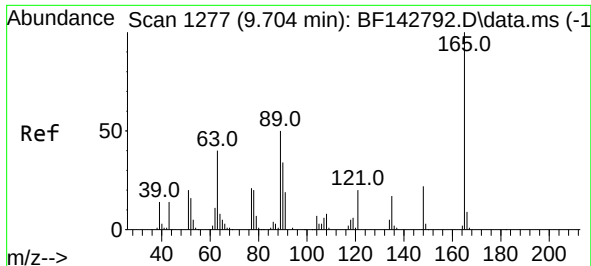


#50
Dimethylphthalate
Concen: 48.326 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47



Tgt Ion:163 Resp: 362226
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.0 12.0

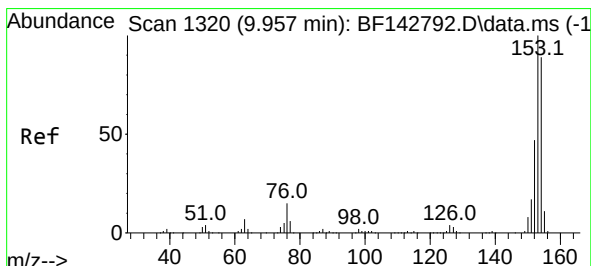
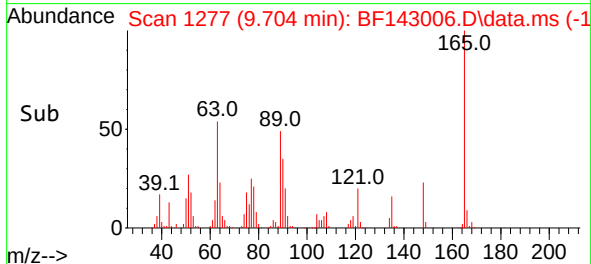
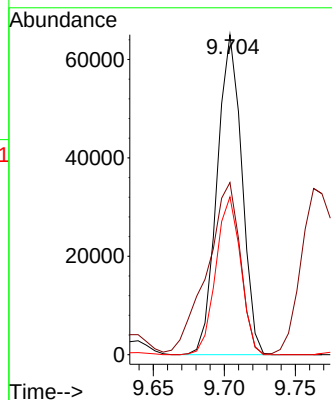
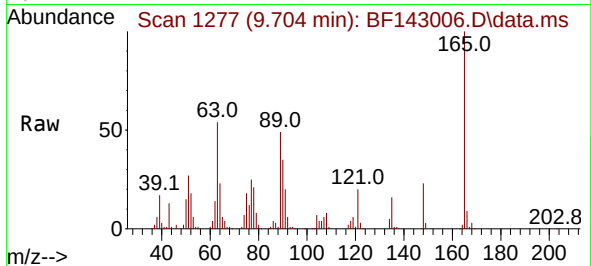




#51
2,6-Dinitrotoluene
Concen: 47.769 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

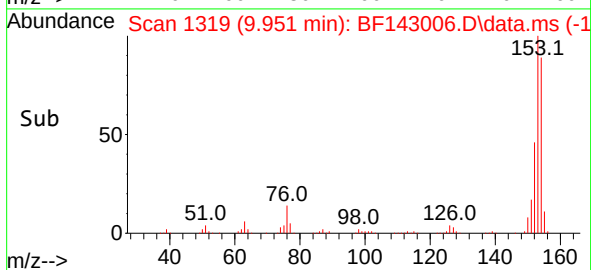
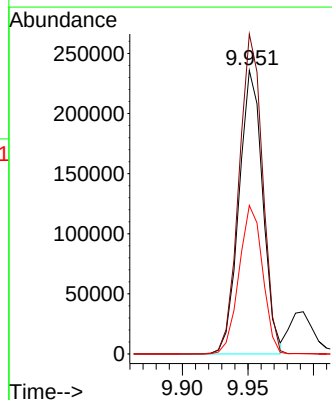
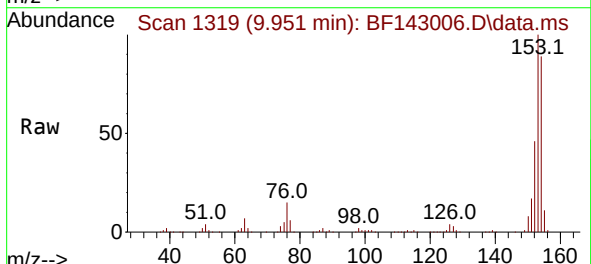
Instrument :
BNA_F
ClientSampleId :
WC-11MS

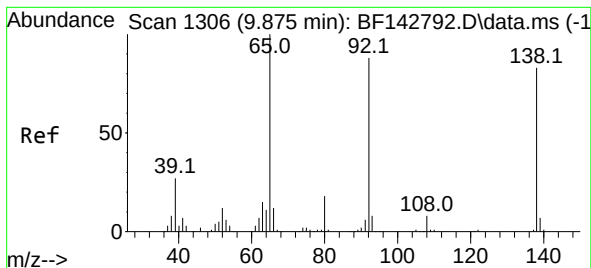
Tgt Ion:165 Resp: 78631
Ion Ratio Lower Upper
165 100
63 53.8 44.2 66.4
89 49.3 39.8 59.8



#52
Acenaphthene
Concen: 43.202 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:154 Resp: 297854
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 25.789 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

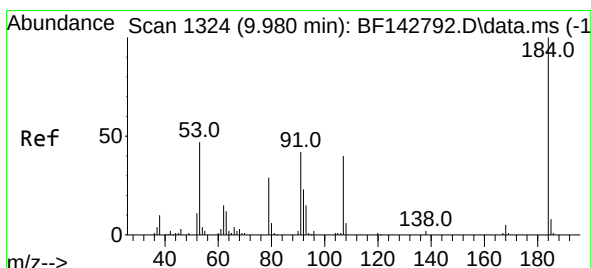
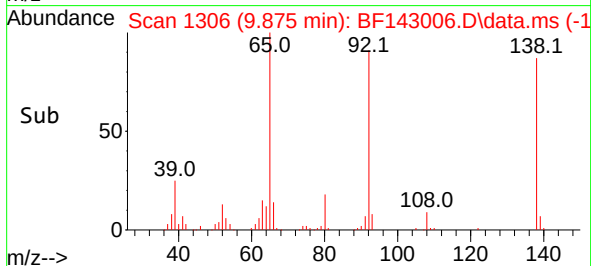
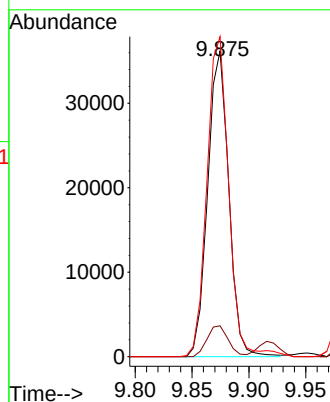
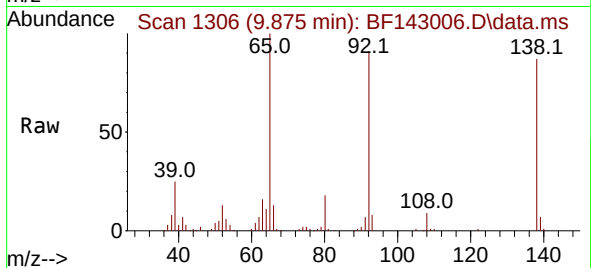
Tgt Ion:138 Resp: 46738

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 104.7 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 98.739 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.012 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

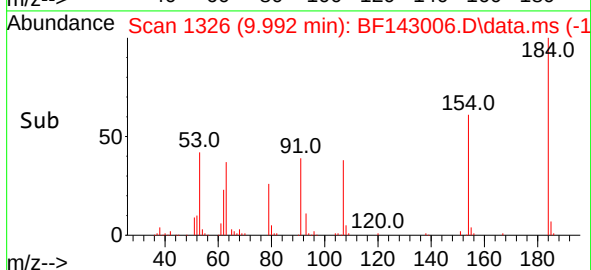
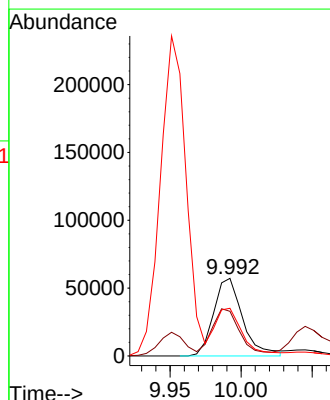
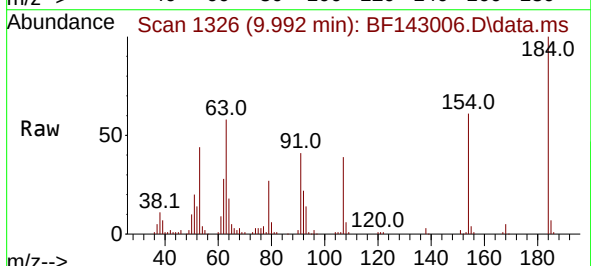
Tgt Ion:184 Resp: 81383

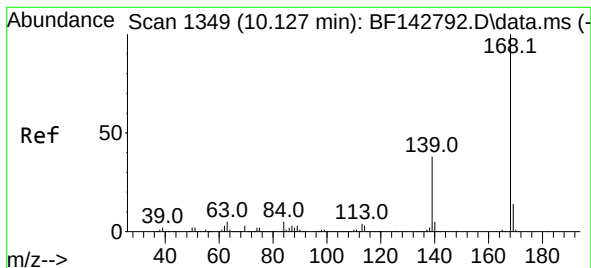
Ion Ratio Lower Upper

184 100

63 57.5 50.6 75.8

154 61.5 51.8 77.8





#55

Dibenzenofuran

Concen: 45.421 ng

RT: 10.127 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

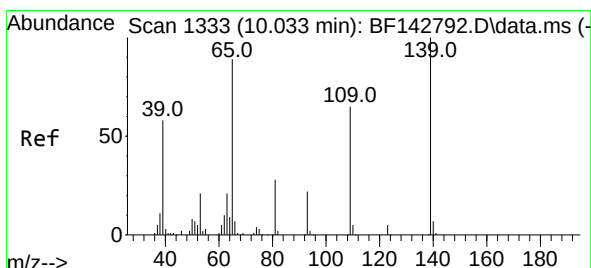
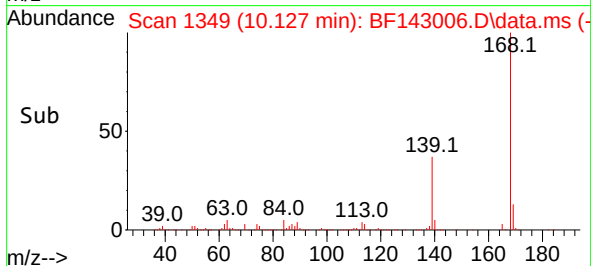
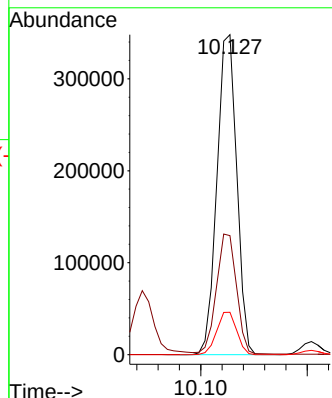
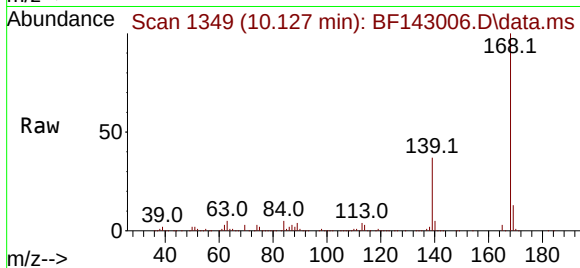
Tgt Ion:168 Resp: 449054

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 77.479 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

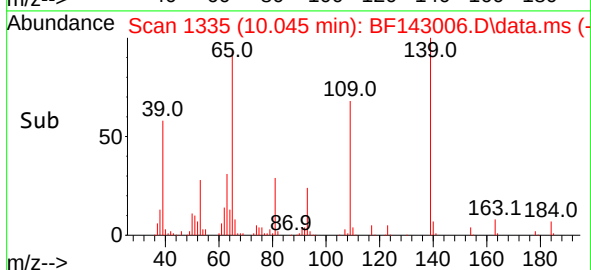
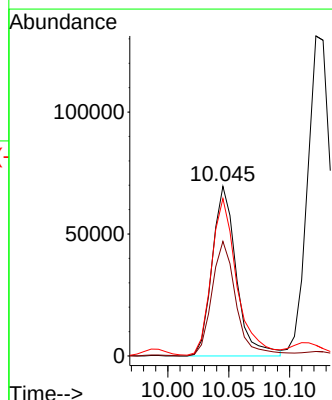
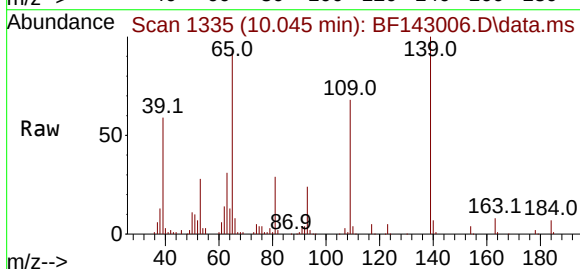
Tgt Ion:139 Resp: 96130

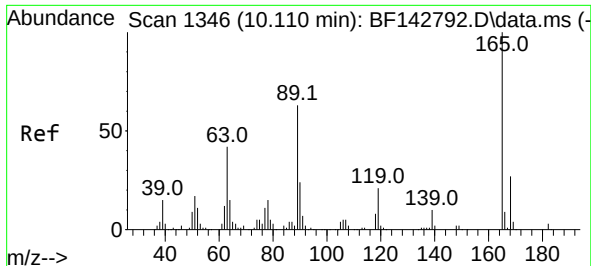
Ion Ratio Lower Upper

139 100

109 67.5 44.7 84.7

65 92.8 69.8 109.8

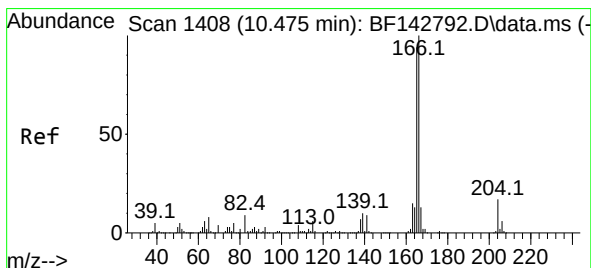
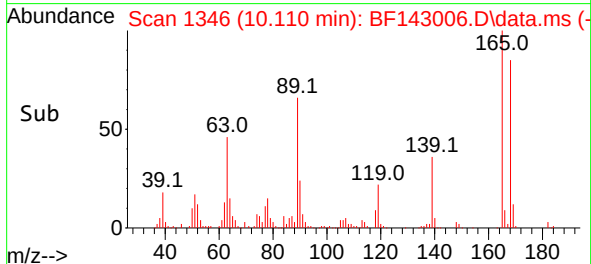
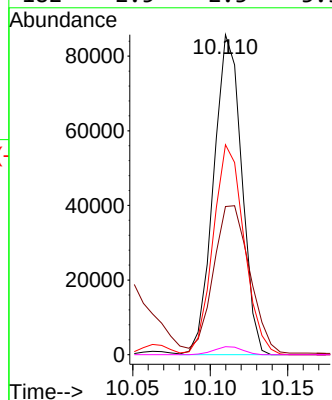
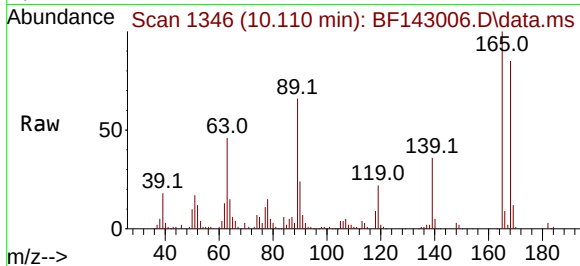




#57
2,4-Dinitrotoluene
Concen: 49.418 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

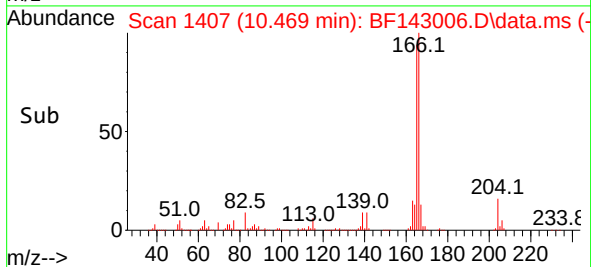
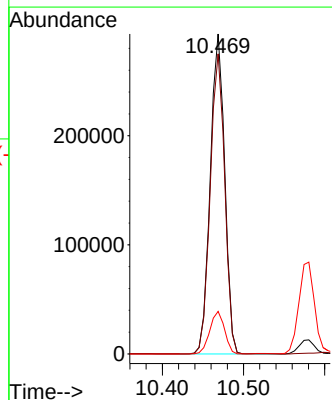
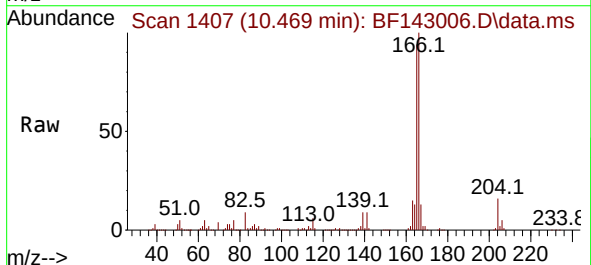
Instrument :
BNA_F
ClientSampleId :
WC-11MS

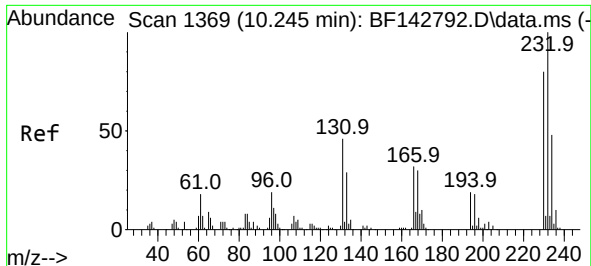
Tgt Ion:165 Resp: 108052
Ion Ratio Lower Upper
165 100
63 46.3 33.9 50.9
89 65.6 50.6 75.8
182 2.5 2.3 3.5



#58
Fluorene
Concen: 46.910 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:166 Resp: 362200
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.3 10.6 15.8

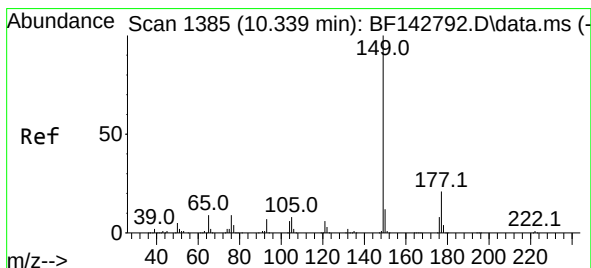
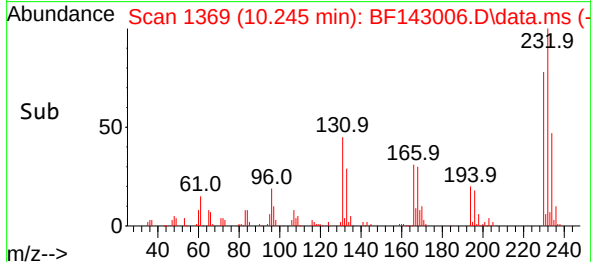
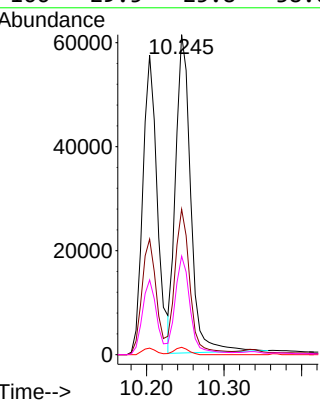
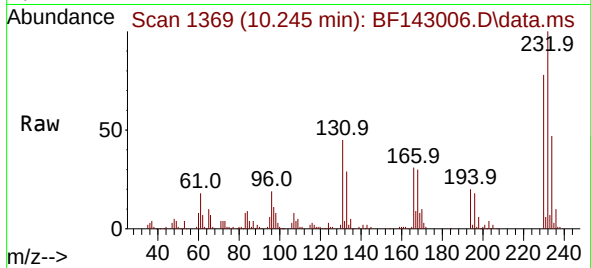




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.748 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

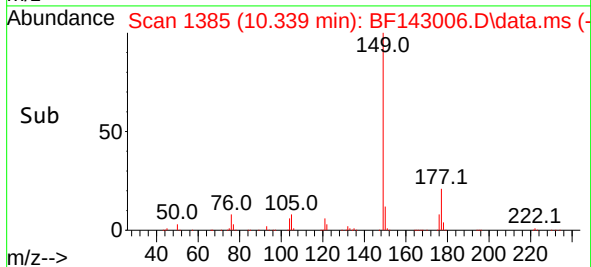
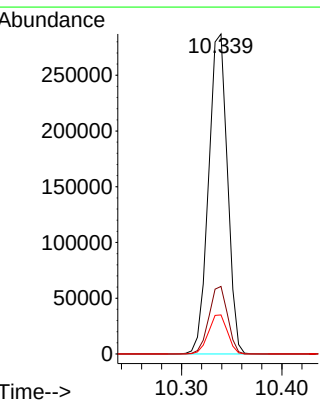
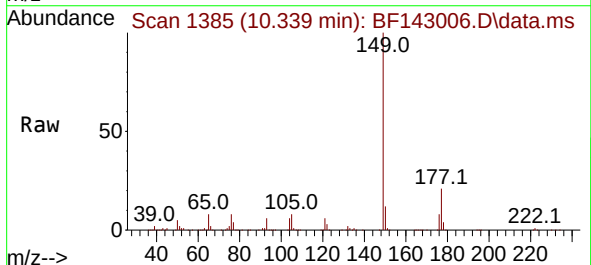
Instrument :
BNA_F
ClientSampleId :
WC-11MS

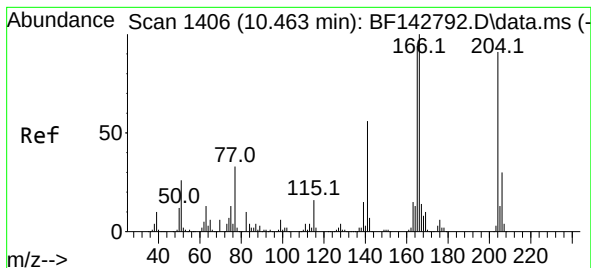
Tgt Ion:232 Resp: 82648
Ion Ratio Lower Upper
232 100
131 46.3 37.6 56.4
130 2.2 1.7 2.5
166 29.5 25.8 38.6



#60
Diethylphthalate
Concen: 50.859 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:149 Resp: 373769
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.2 9.8 14.6

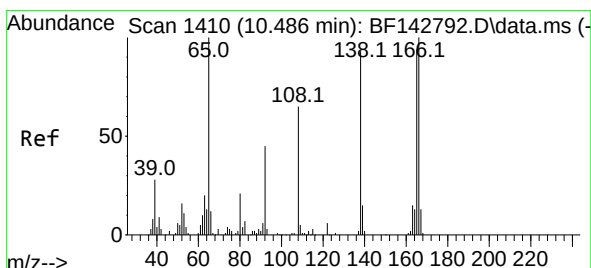
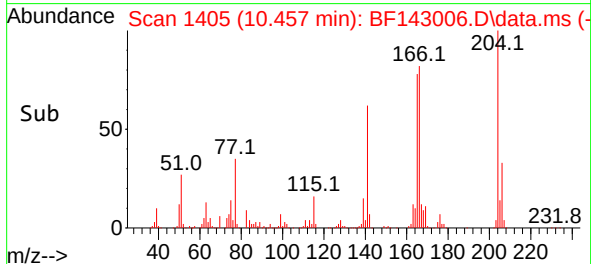
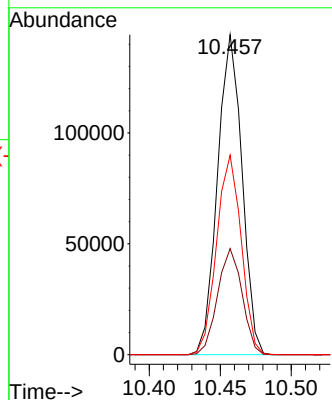
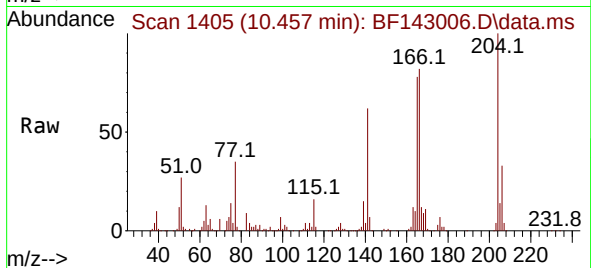




#61
4-Chlorophenyl-phenylether
Concen: 46.982 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

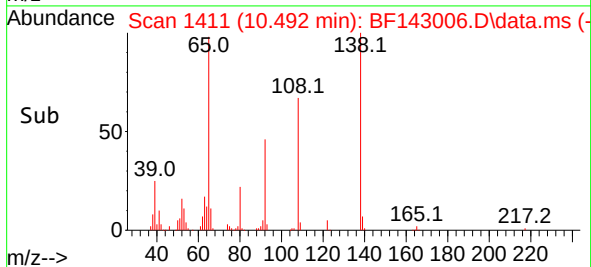
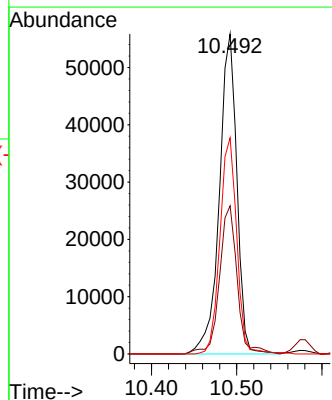
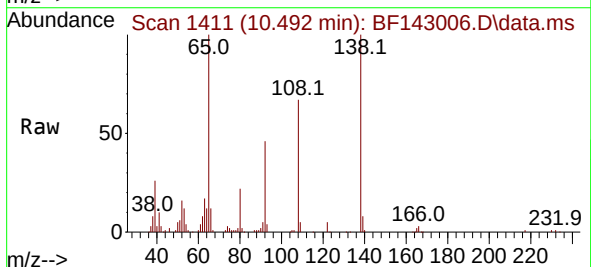
Instrument :
BNA_F
ClientSampleId :
WC-11MS

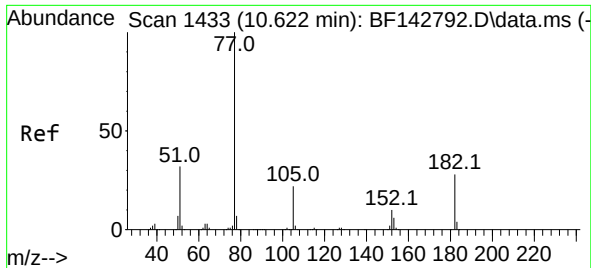
Tgt Ion:204 Resp: 173102
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 62.4 49.1 73.7



#62
4-Nitroaniline
Concen: 48.156 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:138 Resp: 79819
Ion Ratio Lower Upper
138 100
92 46.3 28.4 68.4
108 67.5 50.2 90.2

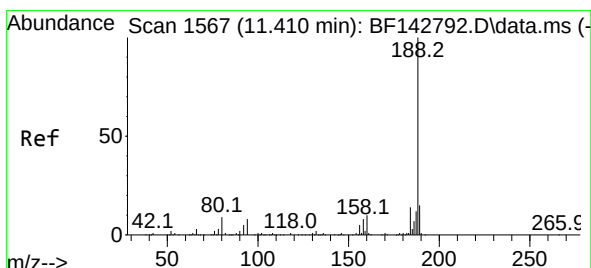
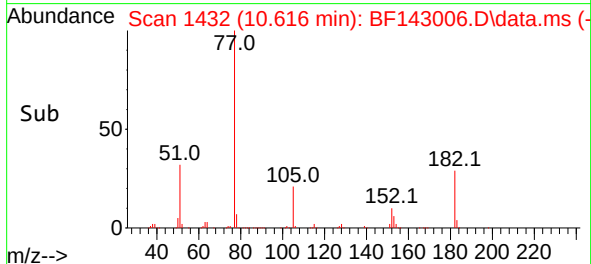
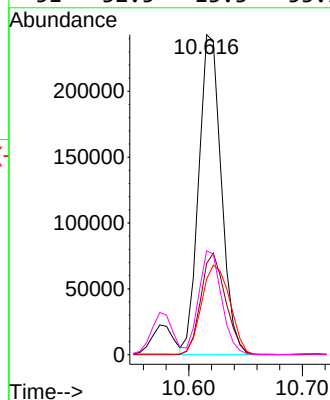
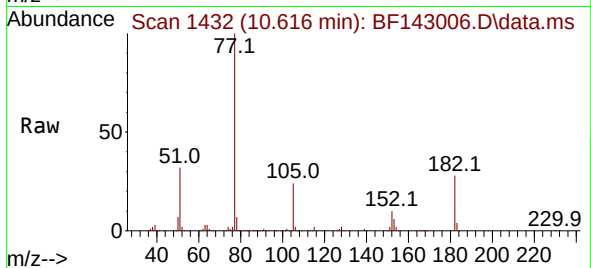




#63
Azobenzene
Concen: 51.107 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

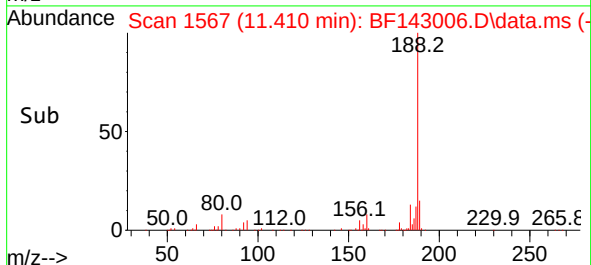
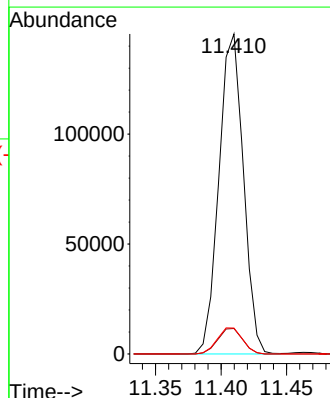
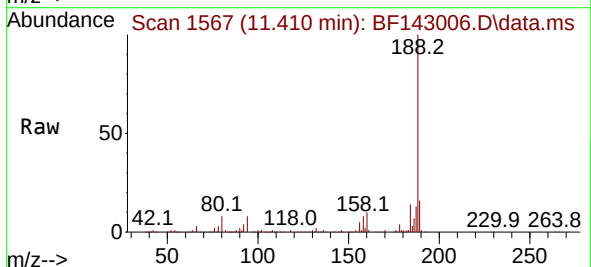
Instrument :
BNA_F
ClientSampleId :
WC-11MS

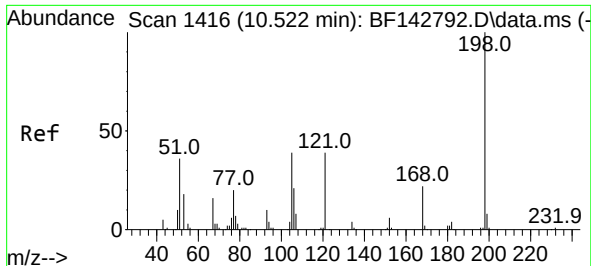
Tgt Ion:	77	Resp:	335692
Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.7	47.7
105	23.6	1.9	41.9
51	32.5	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:	188	Resp:	188739
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.1	6.9	10.3

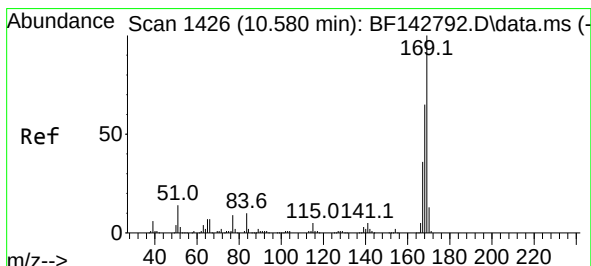
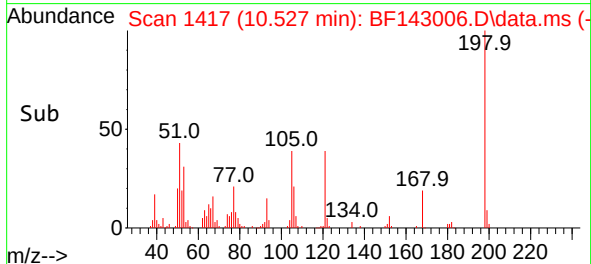
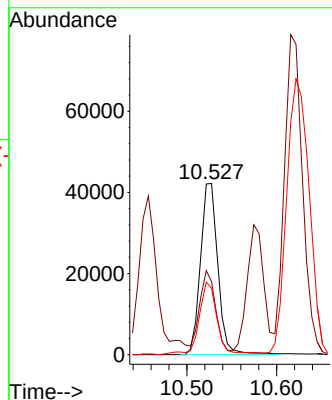
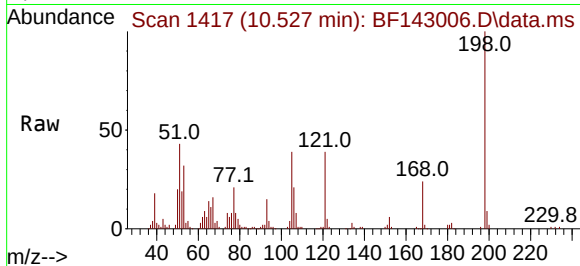




#65
4,6-Dinitro-2-methylphenol
Concen: 49.848 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

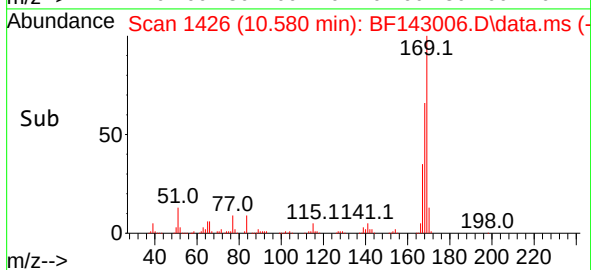
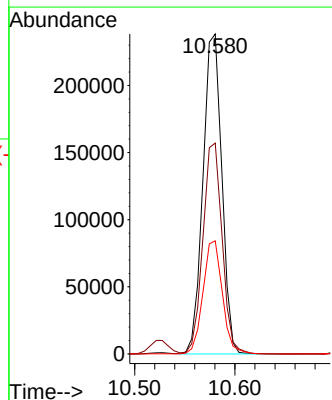
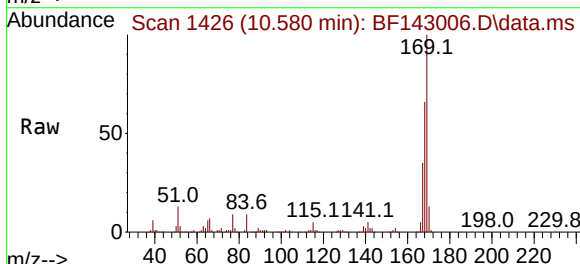
Instrument :
BNA_F
ClientSampleId :
WC-11MS

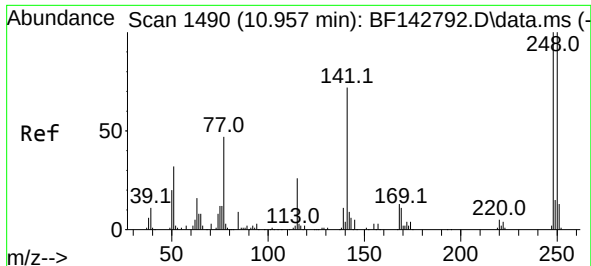
Tgt Ion:198 Resp: 56907
Ion Ratio Lower Upper
198 100
51 42.7 25.4 65.4
105 38.8 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 47.693 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:169 Resp: 311972
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.3 28.5 42.7

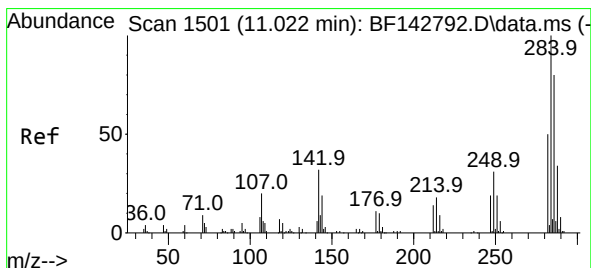
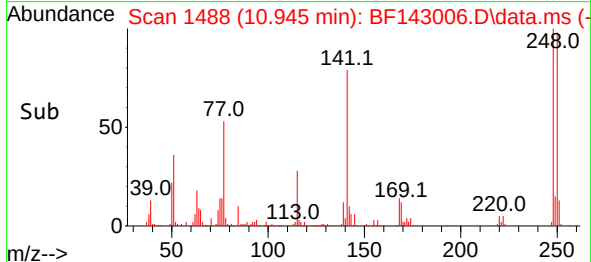
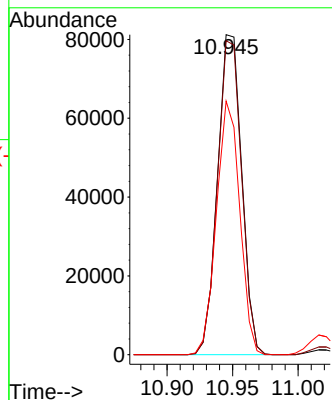
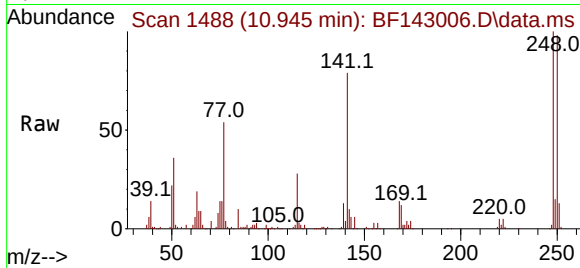




#67
4-Bromophenyl-phenylether
Concen: 48.600 ng
RT: 10.945 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

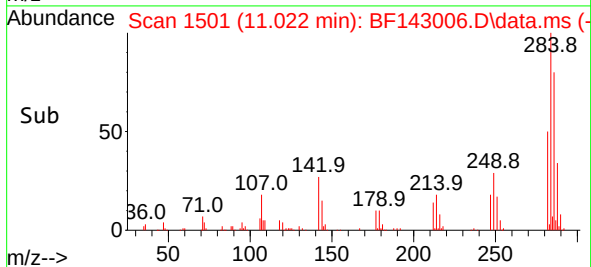
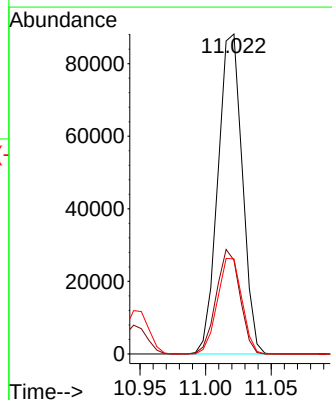
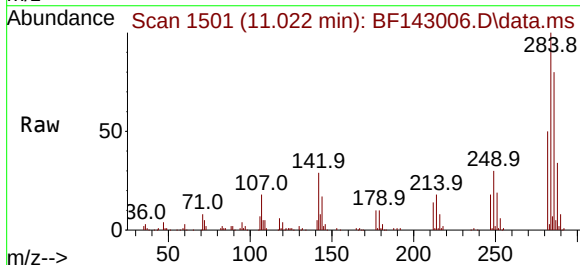
Instrument :
BNA_F
ClientSampleId :
WC-11MS

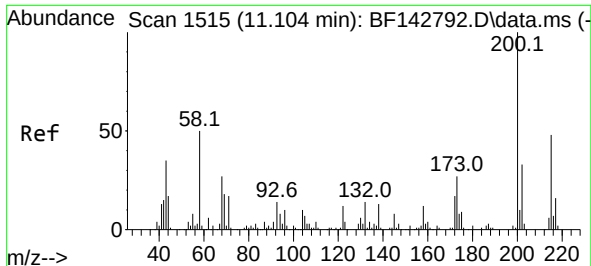
Tgt Ion:248 Resp: 104395
Ion Ratio Lower Upper
248 100
250 98.1 79.8 119.8
141 79.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.719 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:284 Resp: 113896
Ion Ratio Lower Upper
284 100
142 29.3 25.5 38.3
249 29.7 24.9 37.3

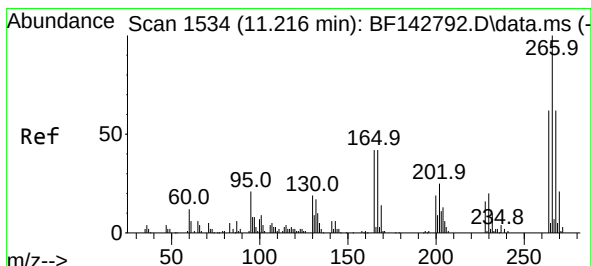
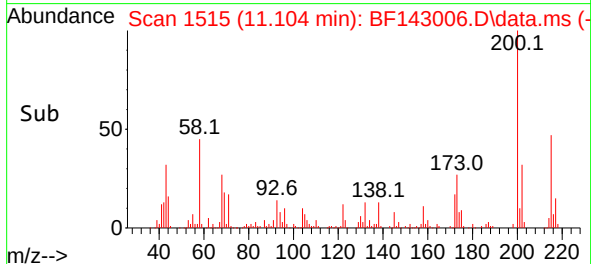
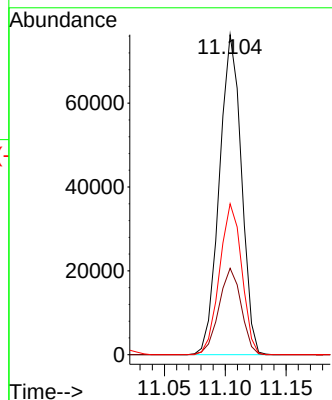
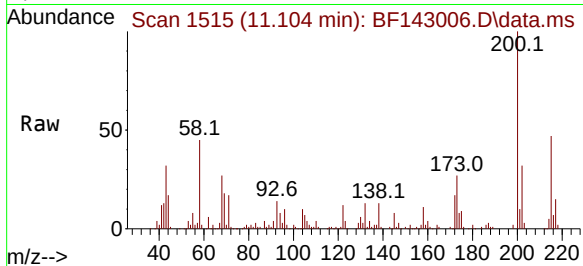




#69
Atrazine
Concen: 57.010 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

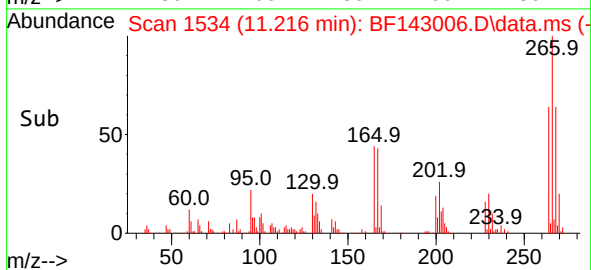
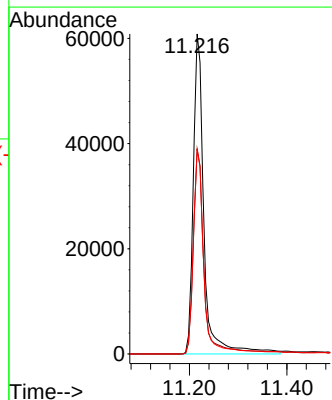
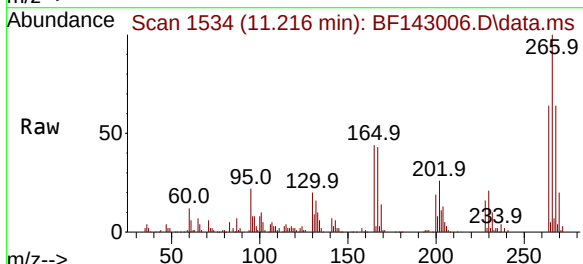
Instrument :
BNA_F
ClientSampleId :
WC-11MS

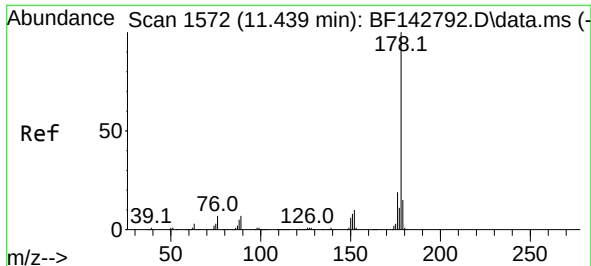
Tgt Ion:200 Resp: 96299
Ion Ratio Lower Upper
200 100
173 27.0 7.4 47.4
215 47.1 28.4 68.4



#70
Pentachlorophenol
Concen: 78.338 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:266 Resp: 93172
Ion Ratio Lower Upper
266 100
268 63.9 49.8 74.8
264 64.2 49.9 74.9

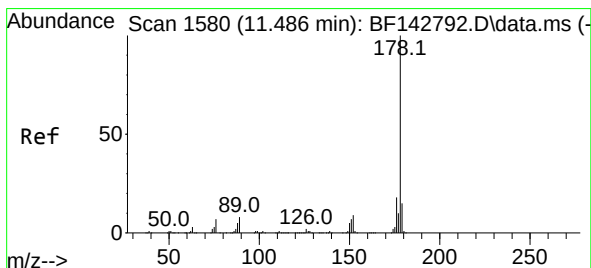
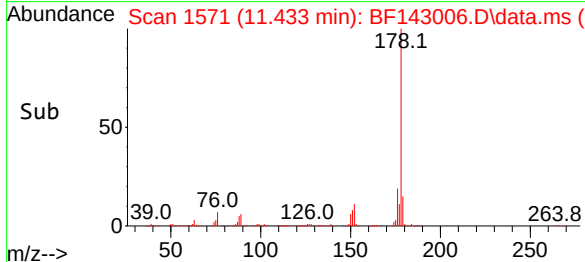
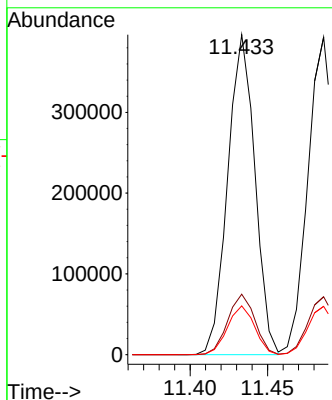
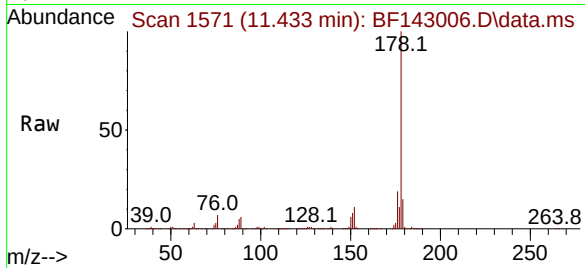




#71
Phenanthrene
Concen: 47.222 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

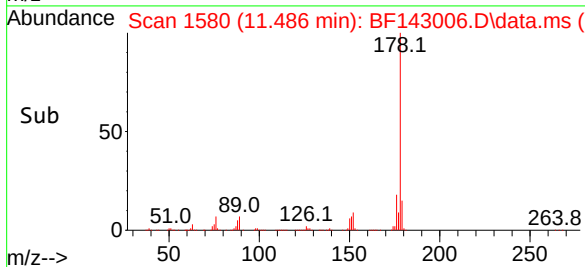
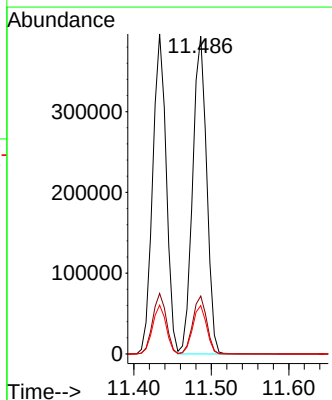
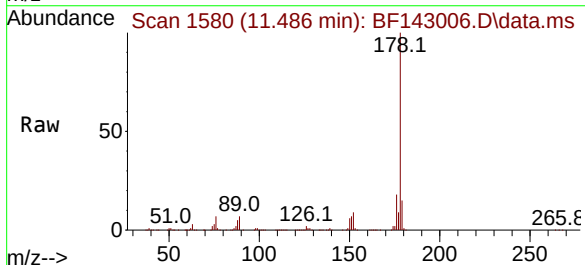
Instrument :
BNA_F
ClientSampleId :
WC-11MS

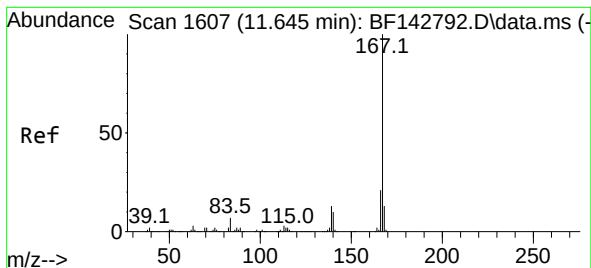
Tgt Ion:178 Resp: 482800
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 47.071 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:178 Resp: 493573
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.502 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

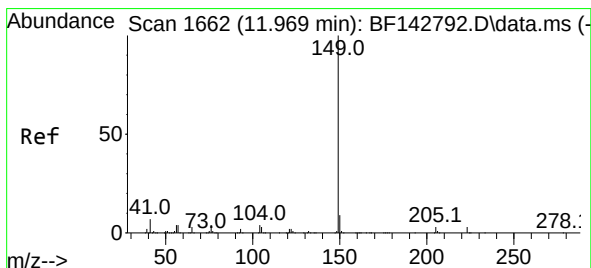
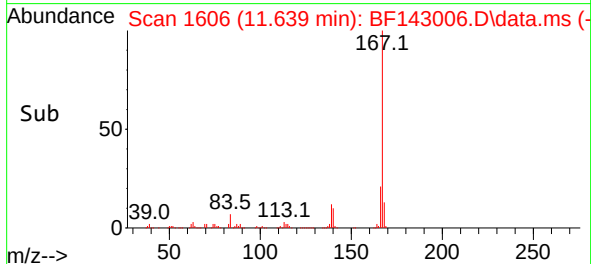
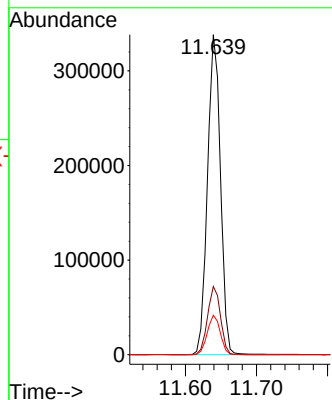
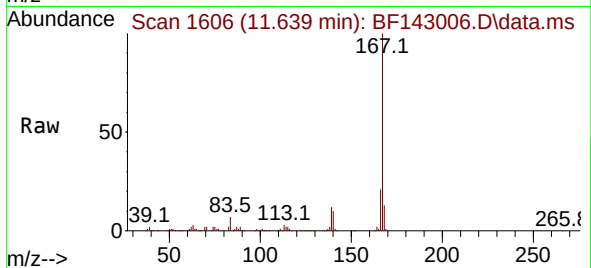
Tgt Ion:167 Resp: 429828

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.4 10.2 15.2



#74

Di-n-butylphthalate

Concen: 58.849 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

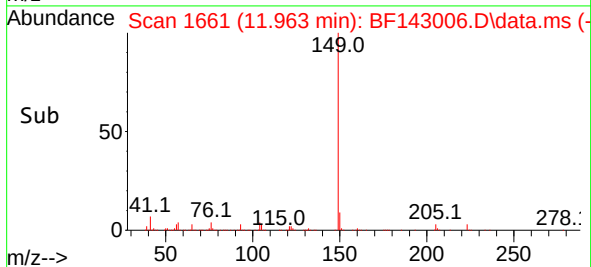
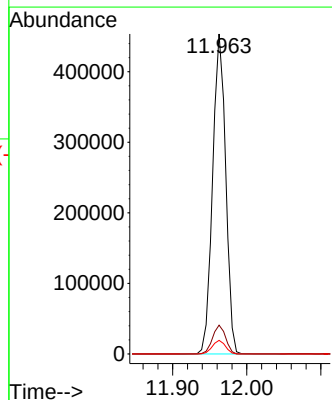
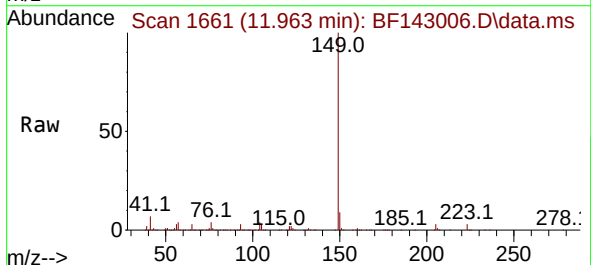
Tgt Ion:149 Resp: 554735

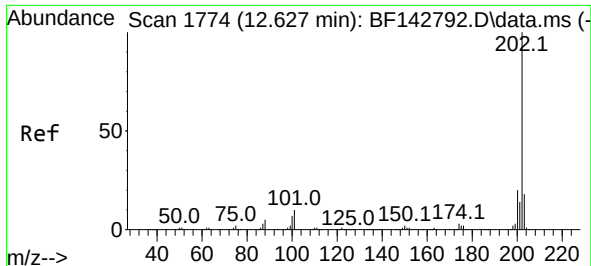
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.3 3.5 5.3

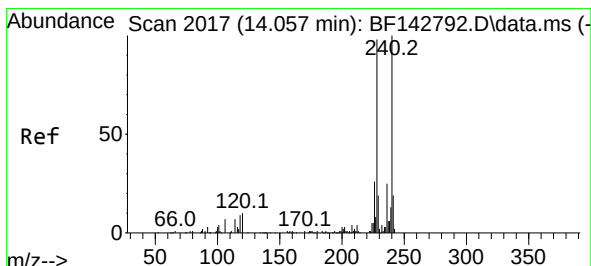
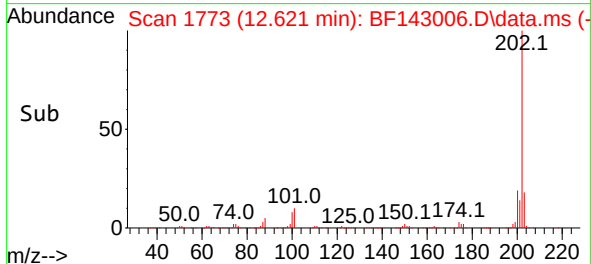
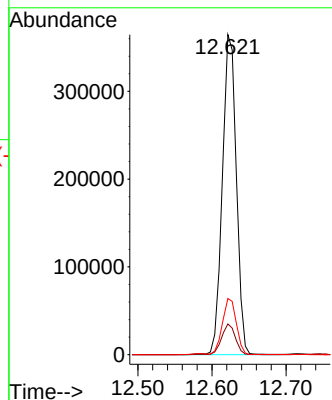
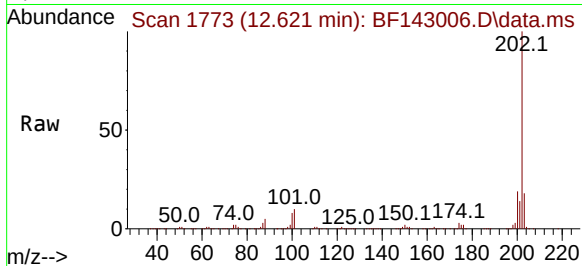




#75
Fluoranthene
Concen: 49.297 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

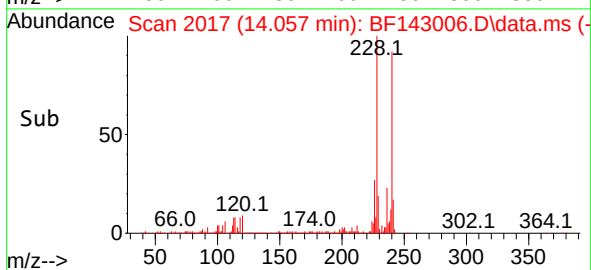
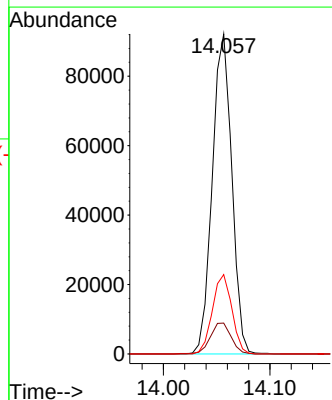
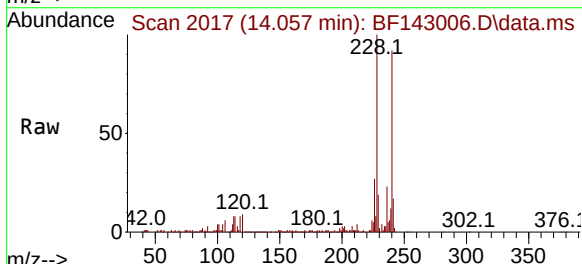
Instrument :
BNA_F
ClientSampleId :
WC-11MS

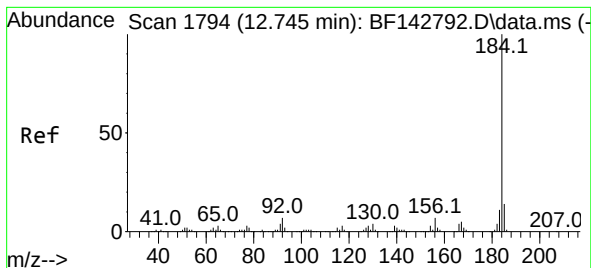
Tgt Ion:202 Resp: 478332
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:240 Resp: 117040
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.8 19.8 29.8





#77

Benzidine

Concen: 44.211 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

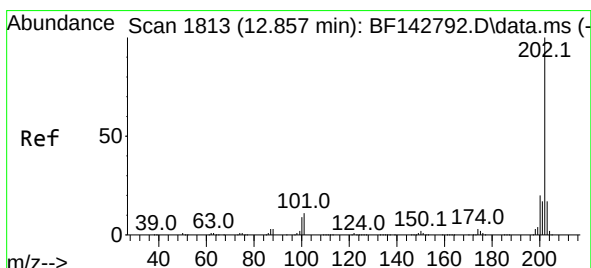
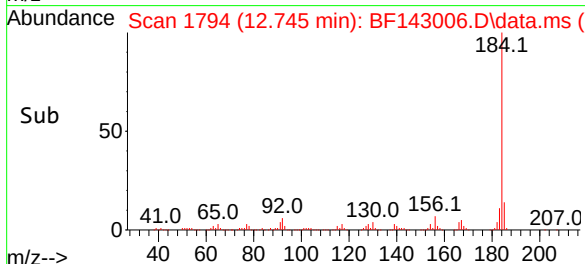
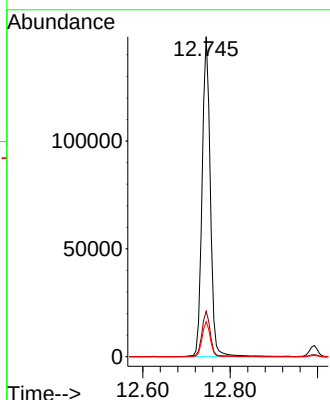
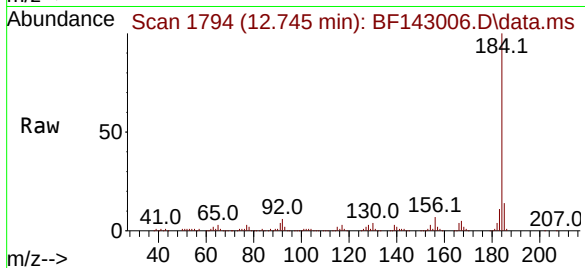
Tgt Ion:184 Resp: 194412

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 10.9 9.0 13.4



#78

Pyrene

Concen: 42.681 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

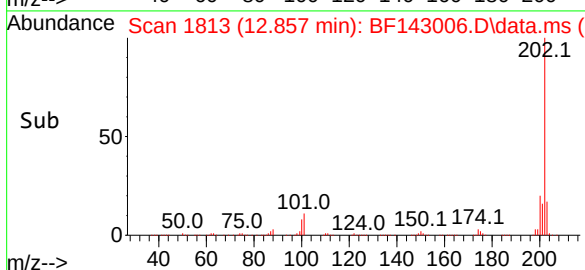
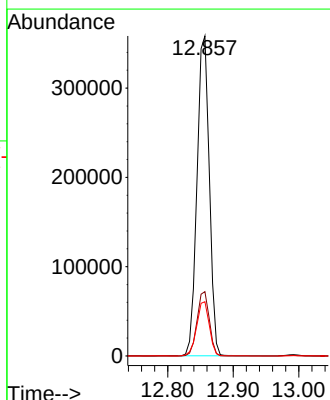
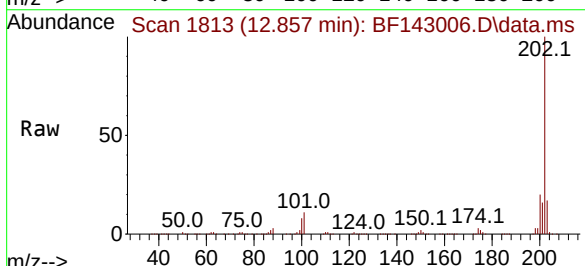
Tgt Ion:202 Resp: 468237

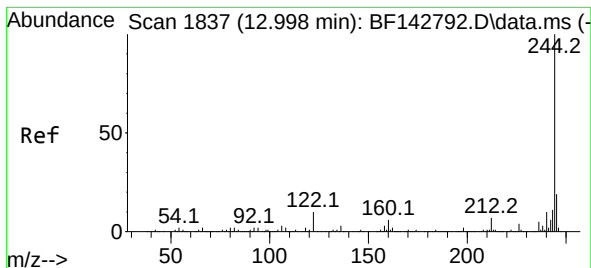
Ion Ratio Lower Upper

202 100

200 20.1 15.7 23.5

203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 60.695 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

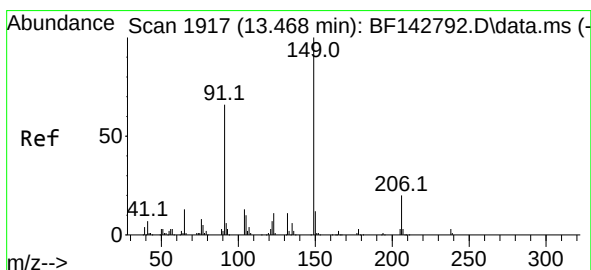
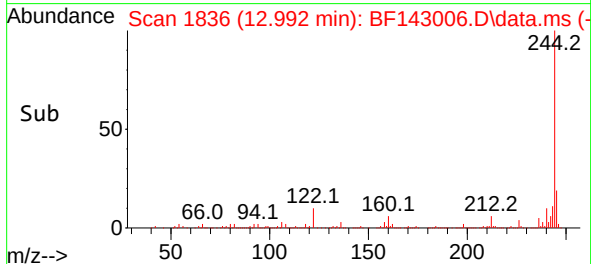
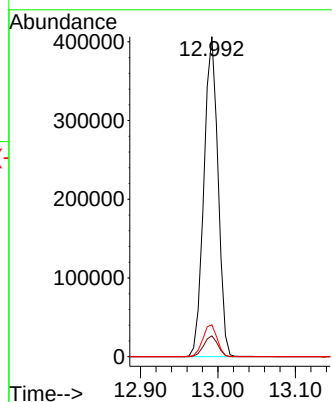
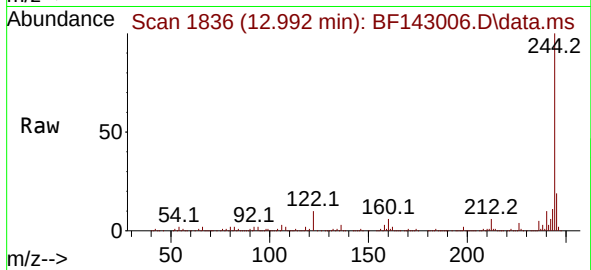
Tgt Ion:244 Resp: 514127

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 58.707 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

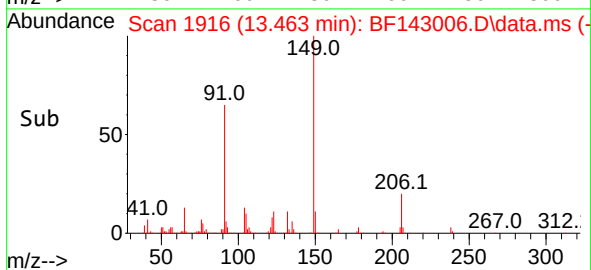
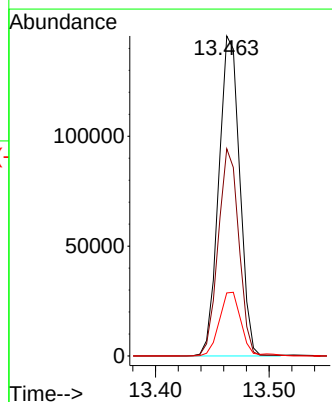
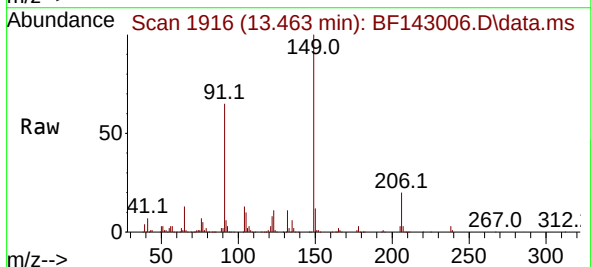
Tgt Ion:149 Resp: 186821

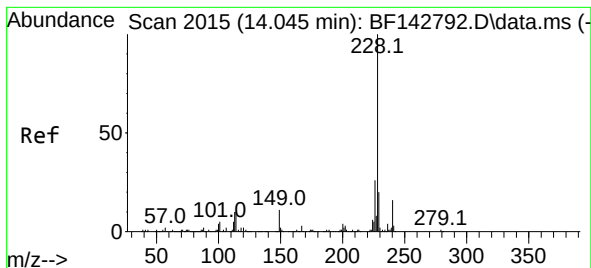
Ion Ratio Lower Upper

149 100

91 64.8 52.9 79.3

206 19.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.509 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

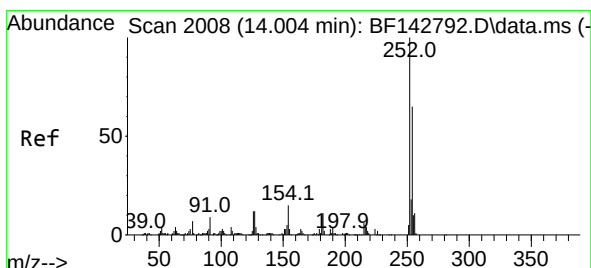
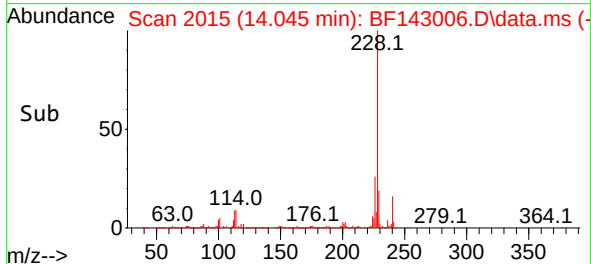
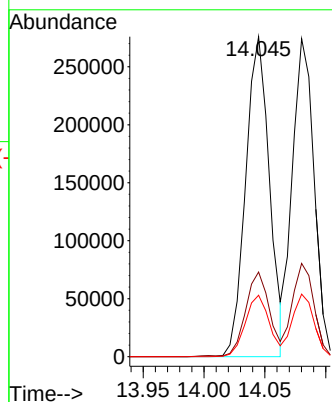
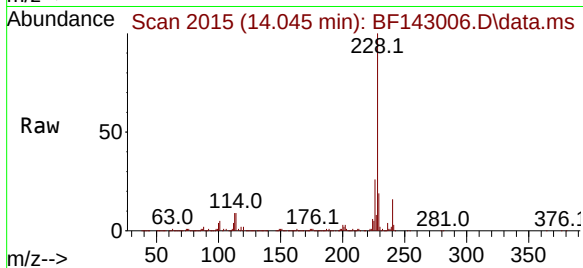
Tgt Ion:228 Resp: 375113

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

229 19.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 26.495 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

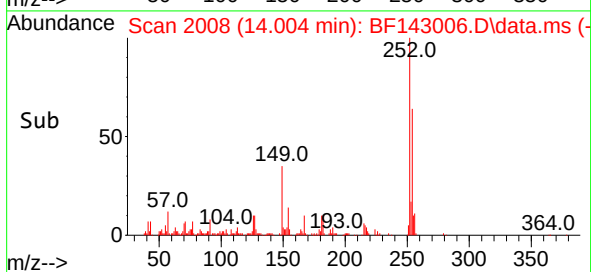
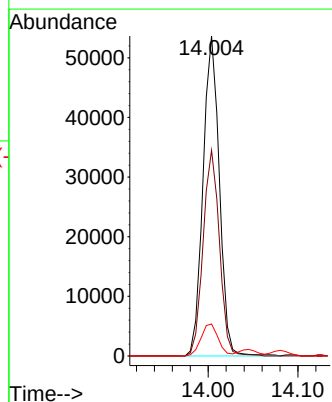
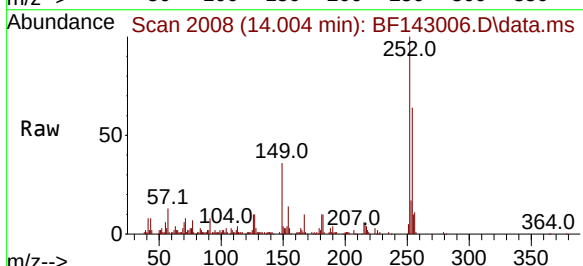
Tgt Ion:252 Resp: 67854

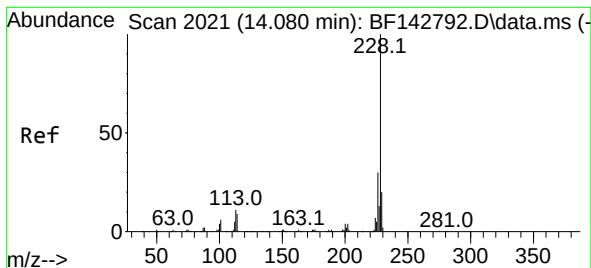
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 10.0 9.4 14.2





#83

Chrysene

Concen: 48.235 ng

RT: 14.080 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

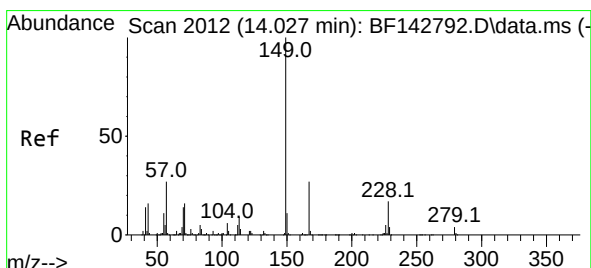
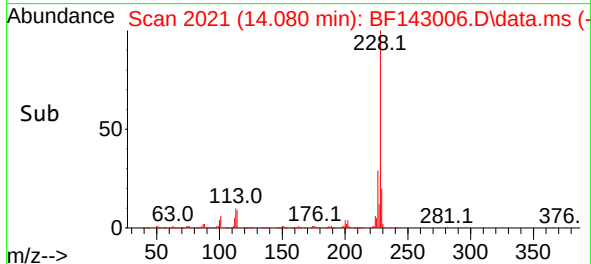
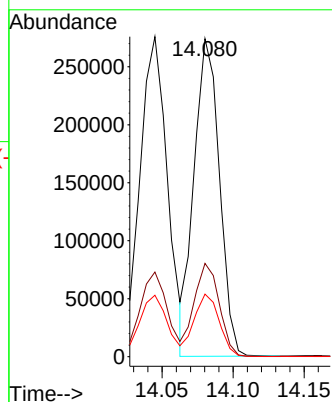
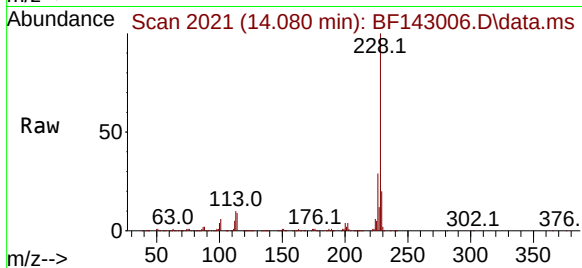
Tgt Ion:228 Resp: 339838

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.585 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

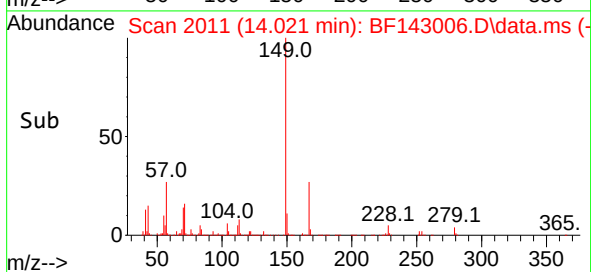
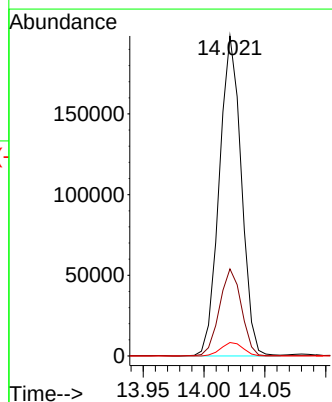
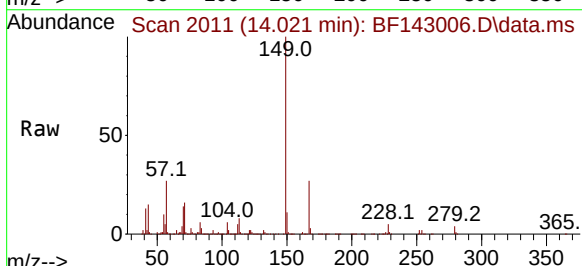
Tgt Ion:149 Resp: 249924

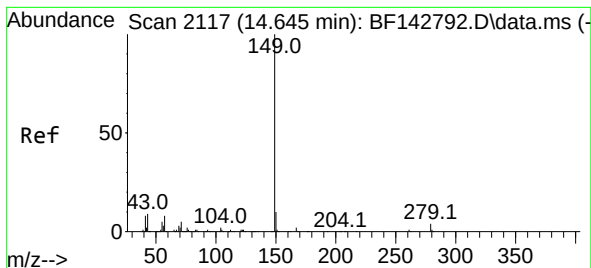
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.184 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

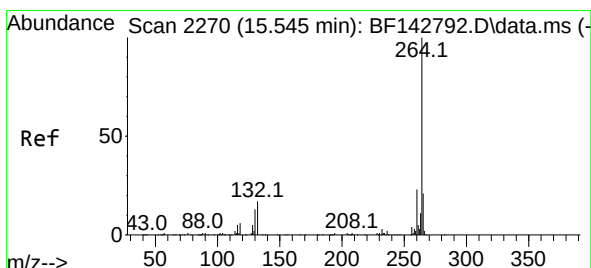
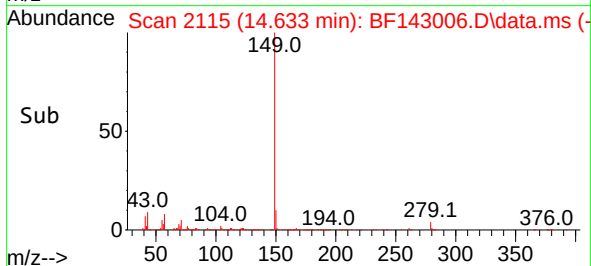
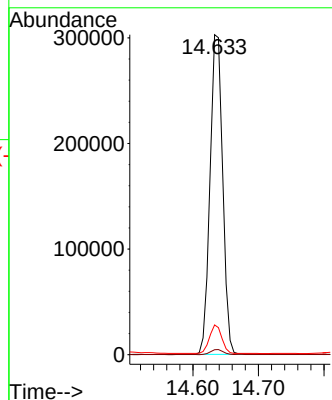
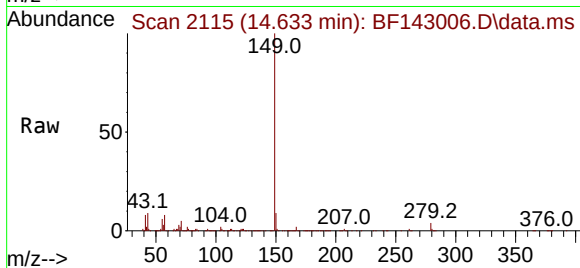
Tgt Ion:149 Resp: 407369

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

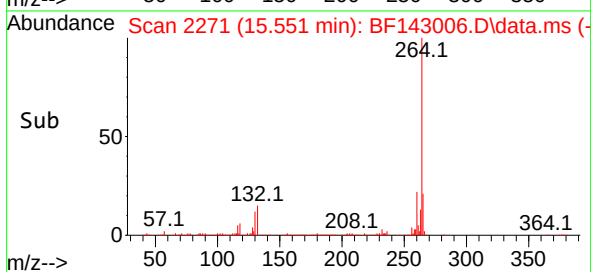
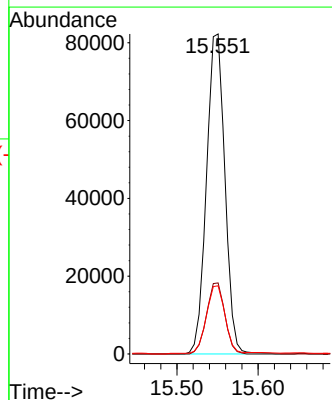
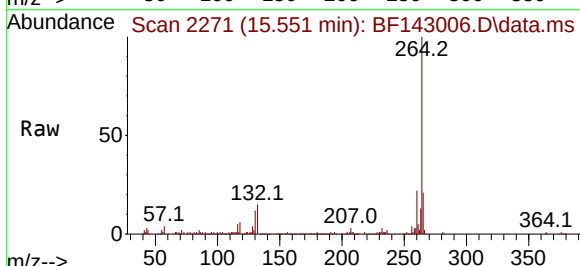
Tgt Ion:264 Resp: 129347

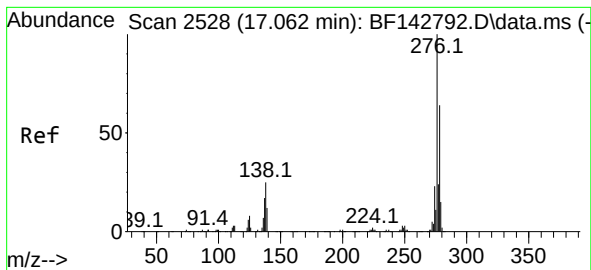
Ion Ratio Lower Upper

264 100

260 22.2 18.1 27.1

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.833 ng

RT: 17.074 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

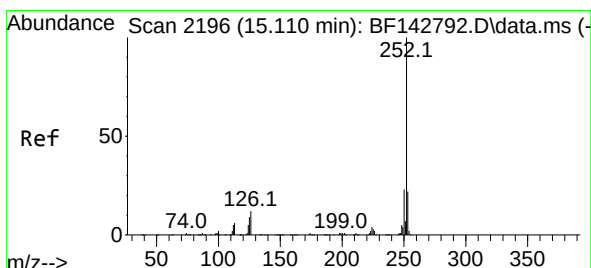
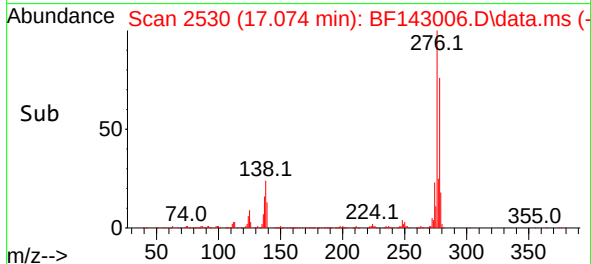
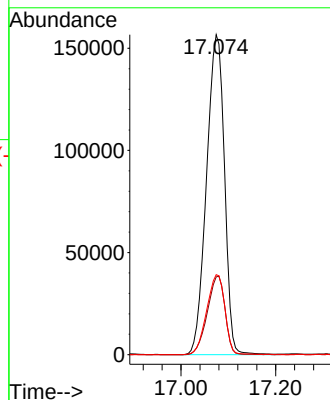
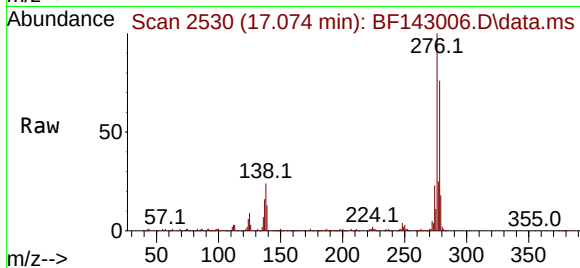
Tgt Ion:276 Resp: 412153

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 53.514 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

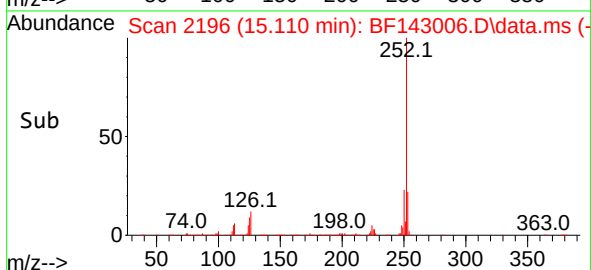
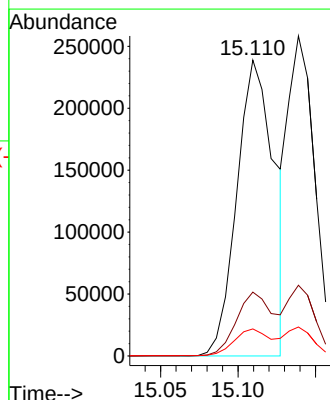
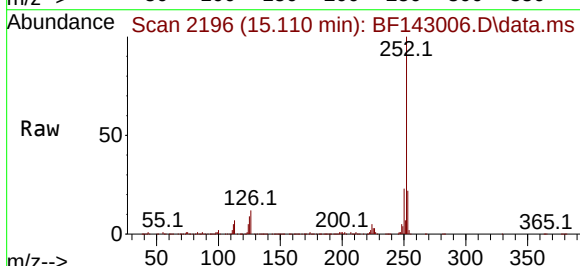
Tgt Ion:252 Resp: 400532

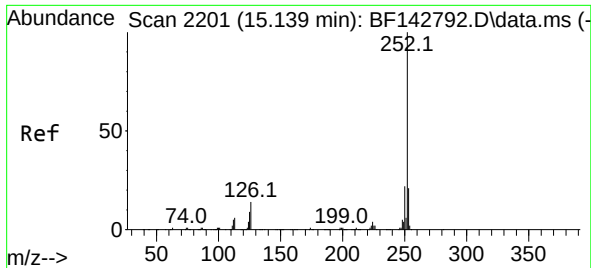
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.897 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

WC-11MS

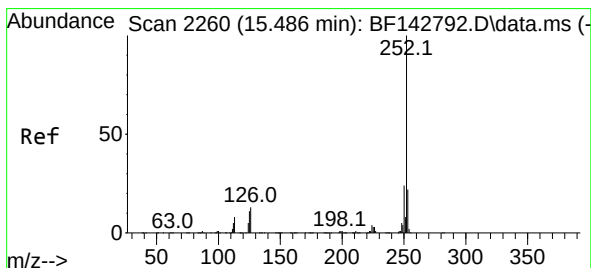
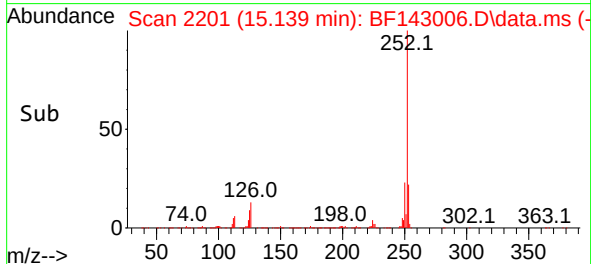
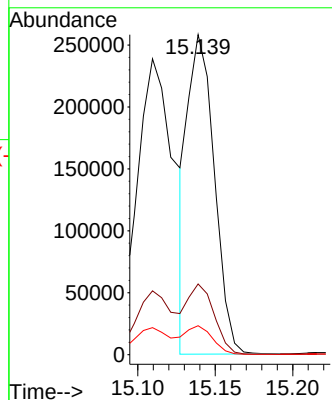
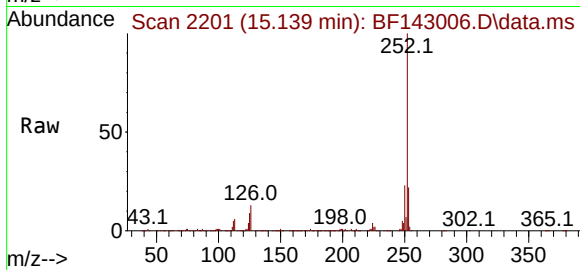
Tgt Ion:252 Resp: 307386

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.180 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143006.D

Acq: 07 Jul 2025 13:47

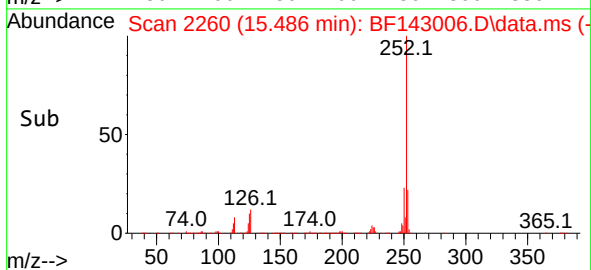
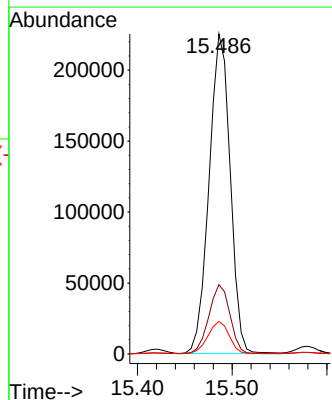
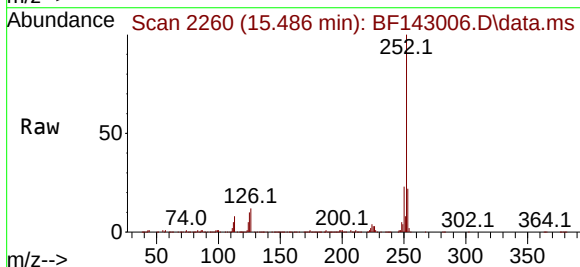
Tgt Ion:252 Resp: 348369

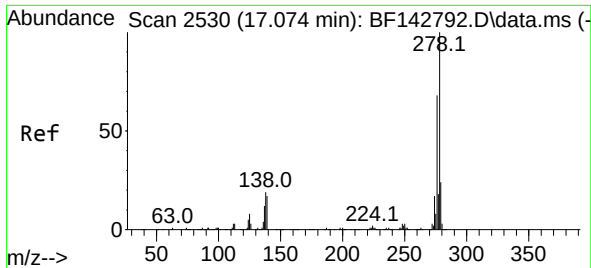
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.2 8.6 12.8

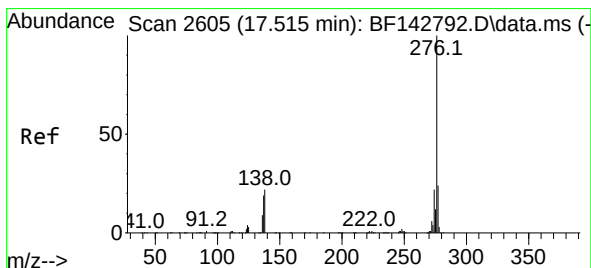
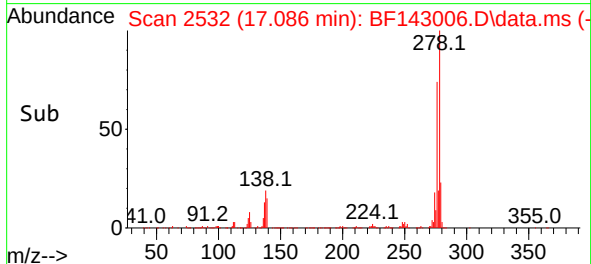
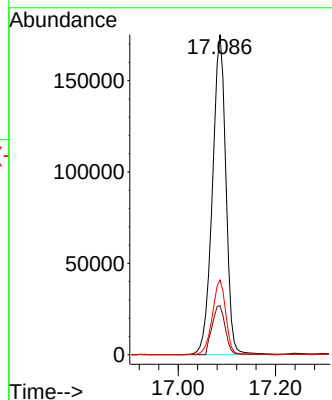
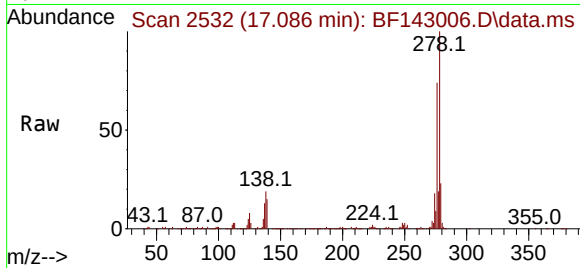




#91
Dibenzo(a,h)anthracene
Concen: 41.954 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:278 Resp: 335846
Ion Ratio Lower Upper
278 100
139 15.3 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.163 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:276 Resp: 328580
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.6 17.6 26.4

