

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142388.D
 Acq On : 15 May 2025 12:18
 Operator : RC/JU
 Sample : Q1993-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

Quant Time: May 15 13:13:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	172758	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	661579	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	349080	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	537648	20.000	ng	0.00
76) Chrysene-d12	14.069	240	310239	20.000	ng	0.00
86) Perylene-d12	15.557	264	367976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	645246	63.759	ng	0.00
7) Phenol-d6	6.522	99	513718	41.273	ng	0.00
23) Nitrobenzene-d5	7.469	82	932224	85.936	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	464026	137.681	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1860447	75.993	ng	0.00
79) Terphenyl-d14	13.010	244	1429949	68.221	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	78691	17.267	ng	97
3) Pyridine	3.487	79	182339	17.042	ng	98
4) n-Nitrosodimethylamine	3.428	42	115314	18.544	ng	94
6) Aniline	6.563	93	404794	33.156	ng	99
8) 2-Chlorophenol	6.687	128	409681	37.883	ng	97
9) Benzaldehyde	6.451	77	243231	33.388	ng	99
10) Phenol	6.534	94	228634	17.329	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	443232	34.066	ng	97
12) 1,3-Dichlorobenzene	6.846	146	412960	33.378	ng	97
13) 1,4-Dichlorobenzene	6.922	146	422266	33.992	ng	99
14) 1,2-Dichlorobenzene	7.075	146	416285	34.912	ng	99
15) Benzyl Alcohol	7.040	79	272744	33.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	753579	38.785	ng	99
17) 2-Methylphenol	7.151	107	276466	31.577	ng	99
18) Hexachloroethane	7.416	117	140013	33.875	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	329104	42.745	ng	97
20) 3+4-Methylphenols	7.304	107	310142	28.383	ng	# 64
22) Acetophenone	7.310	105	629515	42.795	ng	99
24) Nitrobenzene	7.487	77	471629	46.123	ng	96
25) Isophorone	7.722	82	902585	43.939	ng	100
26) 2-Nitrophenol	7.798	139	254589	51.343	ng	99
27) 2,4-Dimethylphenol	7.834	122	422391	40.898	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	563392	42.653	ng	98
29) 2,4-Dichlorophenol	8.040	162	394568	44.936	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	395832	40.057	ng	99
31) Naphthalene	8.210	128	1302962	40.636	ng	100
32) Benzoic acid	7.904	122	88700	21.457	ng	99
33) 4-Chloroaniline	8.251	127	246466m	18.838	ng	
34) Hexachlorobutadiene	8.322	225	227885	38.945	ng	100
35) Caprolactam	8.622	113	22274	8.704	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	372907	40.855	ng	100
37) 2-Methylnaphthalene	8.898	142	848266	42.575	ng	99
38) 1-Methylnaphthalene	8.998	142	875361	42.153	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	424400	43.530	ng	99
41) Hexachlorocyclopentadiene	9.051	237	507870	84.288	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	314642	51.164	ng	99

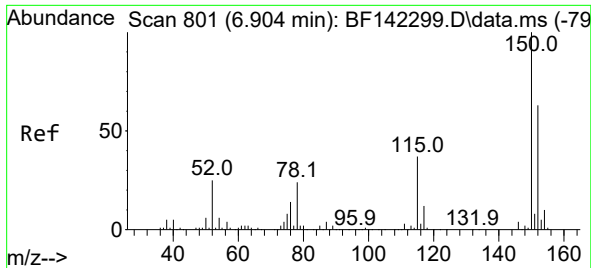
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	304721	46.570	ng	98
46) 1,1'-Biphenyl	9.363	154	1168846	43.670	ng	99
47) 2-Chloronaphthalene	9.387	162	866810	43.548	ng	99
48) 2-Nitroaniline	9.481	65	257479	50.466	ng	91
49) Acenaphthylene	9.804	152	1443735	43.358	ng	100
50) Dimethylphthalate	9.663	163	1038662	46.337	ng	100
51) 2,6-Dinitrotoluene	9.722	165	230553	54.949	ng	89
52) Acenaphthene	9.975	154	963224	48.109	ng	98
53) 3-Nitroaniline	9.886	138	127310	25.872	ng	95
54) 2,4-Dinitrophenol	9.998	184	242565	107.582	ng #	1
55) Dibenzofuran	10.145	168	1273696	43.106	ng	99
56) 4-Nitrophenol	10.039	139	134214	36.240	ng	97
57) 2,4-Dinitrotoluene	10.122	165	300847	55.899	ng	96
58) Fluorene	10.492	166	958116	42.489	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	262685	48.631	ng	97
60) Diethylphthalate	10.363	149	1563487	69.844	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	484239	44.510	ng	99
62) 4-Nitroaniline	10.504	138	190164	48.759	ng	100
63) Azobenzene	10.639	77	940653	43.974	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	150445	58.228	ng	93
66) n-Nitrosodiphenylamine	10.598	169	859278	48.029	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	304081	49.904	ng	95
68) Hexachlorobenzene	11.039	284	333282	49.725	ng	94
69) Atrazine	11.128	200	213276	45.223	ng	99
70) Pentachlorophenol	11.228	266	371808	105.447	ng	99
71) Phenanthrene	11.451	178	1258546	44.657	ng	100
72) Anthracene	11.504	178	1270435	43.873	ng	100
73) Carbazole	11.657	167	1049104	40.382	ng	99
74) Di-n-butylphthalate	11.986	149	1375619	50.356	ng	100
75) Fluoranthene	12.639	202	1121887	39.823	ng	99
77) Benzidine	12.763	184	62808	11.140	ng	97
78) Pyrene	12.869	202	1088440	39.416	ng	99
80) Butylbenzylphthalate	13.486	149	444086	54.564	ng	98
81) Benzo(a)anthracene	14.057	228	928873	46.232	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	192303	41.159	ng	98
83) Chrysene	14.092	228	851984	45.552	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	604179	56.725	ng	100
85) Di-n-octyl phthalate	14.657	149	1077874	55.501	ng	97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1032531	40.337	ng	98
88) Benzo(b)fluoranthene	15.116	252	1033127	46.356	ng	99
89) Benzo(k)fluoranthene	15.151	252	946000	46.383	ng	99
90) Benzo(a)pyrene	15.492	252	974319	48.786	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	842856	39.856	ng	99
92) Benzo(g,h,i)perylene	17.521	276	790907	37.682	ng	98

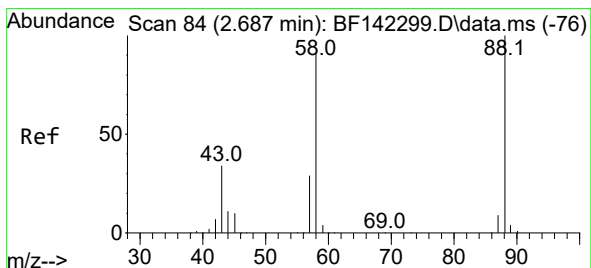
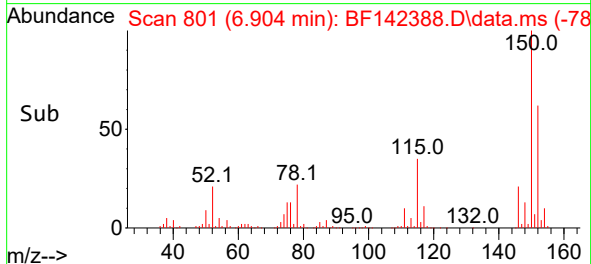
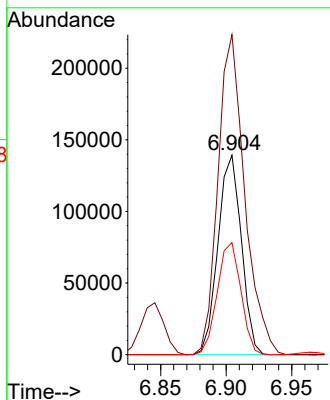
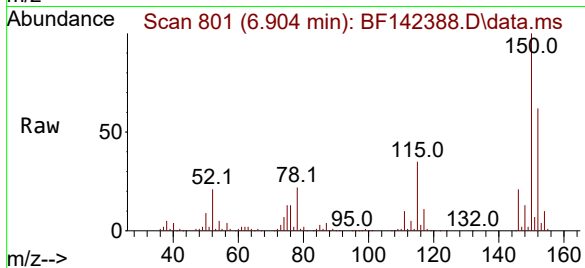
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

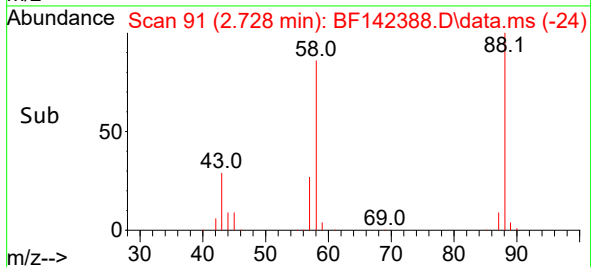
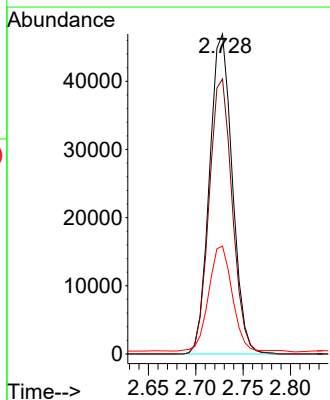
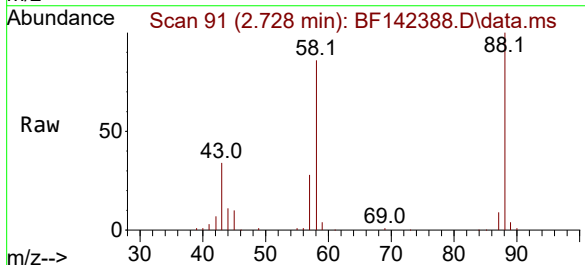
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

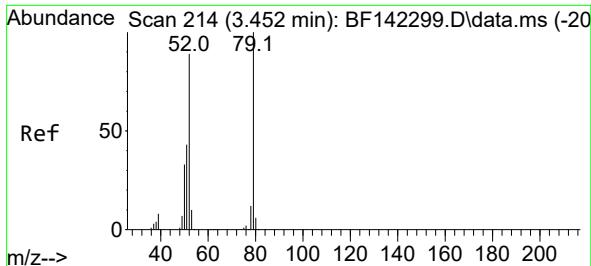
Tgt Ion:152 Resp: 172758
 Ion Ratio Lower Upper
 152 100
 150 160.4 126.6 190.0
 115 56.2 47.3 70.9



#2
 1,4-Dioxane
 Concen: 17.267 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.041 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

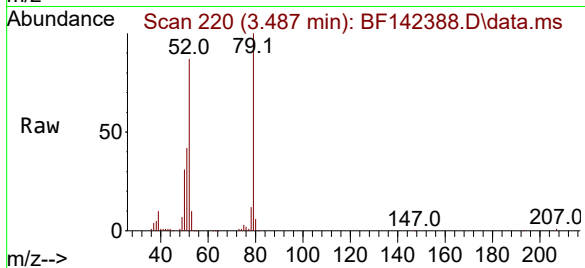
Tgt Ion: 88 Resp: 78691
 Ion Ratio Lower Upper
 88 100
 58 87.3 73.0 109.4
 43 33.6 27.8 41.6



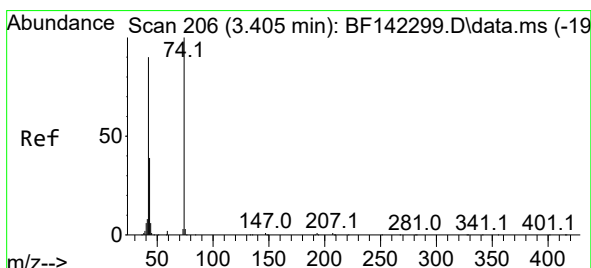
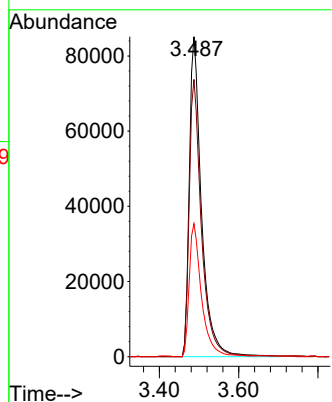
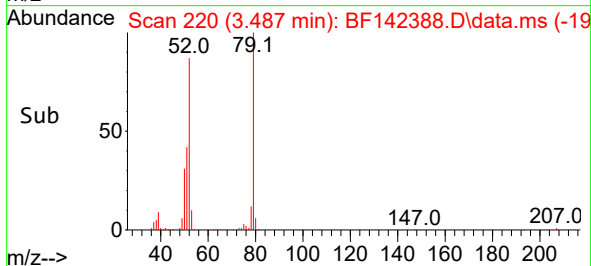


#3
Pyridine
Concen: 17.042 ng
RT: 3.487 min Scan# 214
Delta R.T. 0.035 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

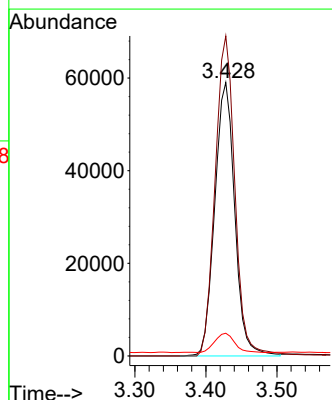
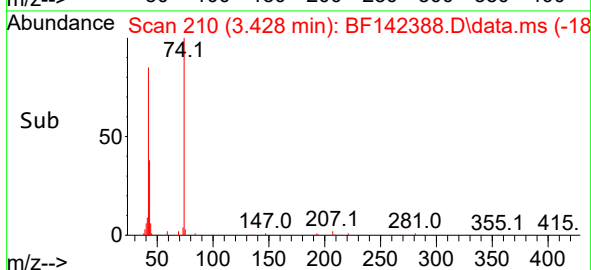
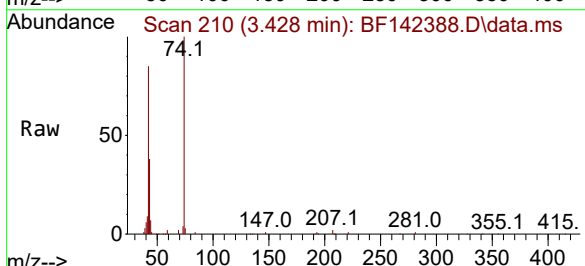


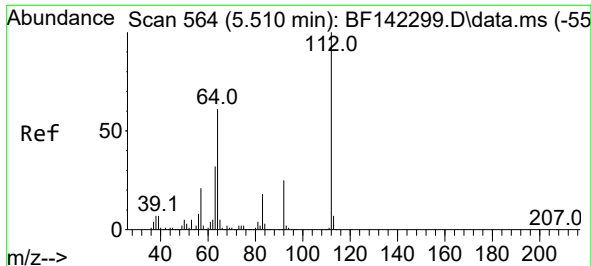
Tgt Ion: 79 Resp: 182339
Ion Ratio Lower Upper
79 100
52 86.6 71.0 106.4
51 41.6 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 18.544 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.024 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 42 Resp: 115314
Ion Ratio Lower Upper
42 100
74 117.0 88.5 132.7
44 8.3 5.8 8.8

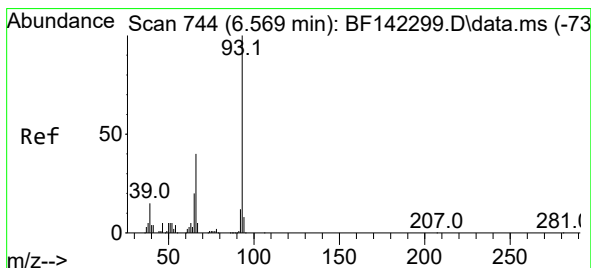
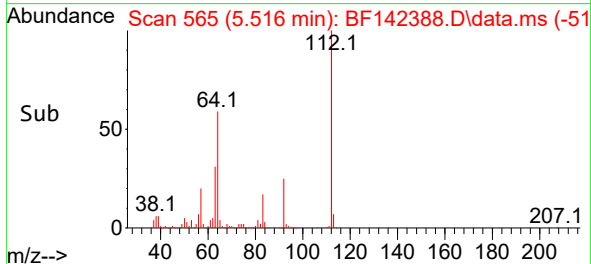
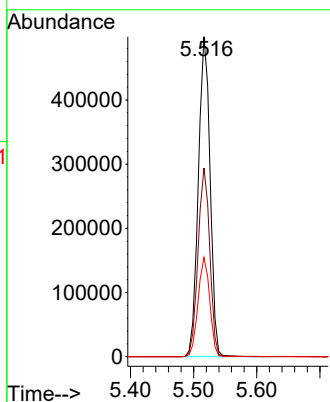
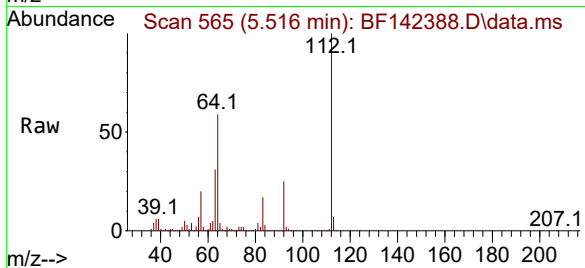




#5
2-Fluorophenol
Concen: 63.759 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

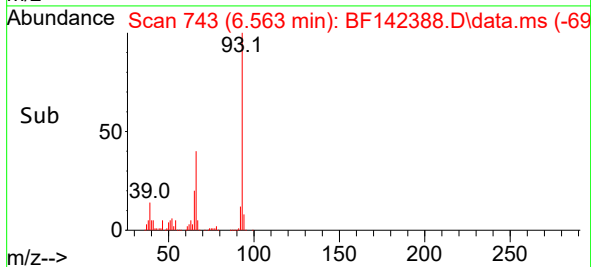
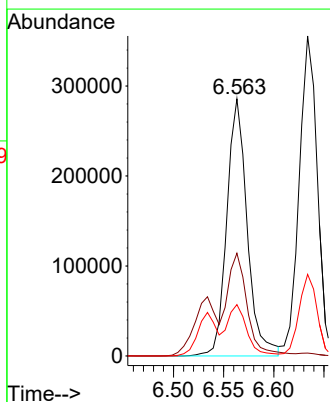
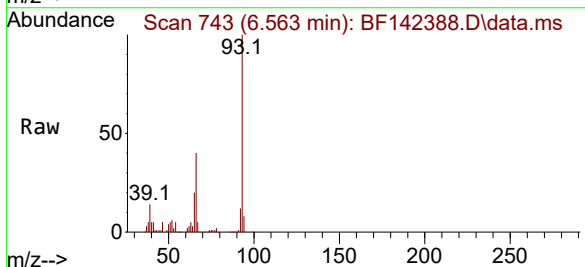
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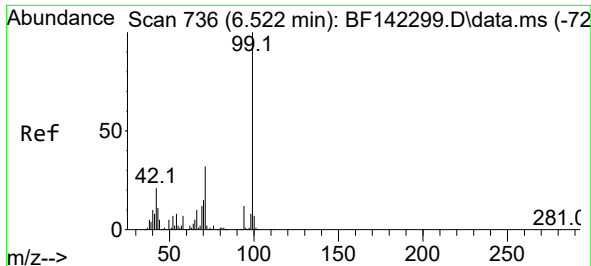
Tgt Ion:112 Resp: 645246
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 31.0 25.6 38.4



#6
Aniline
Concen: 33.156 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 93 Resp: 404794
Ion Ratio Lower Upper
93 100
66 39.9 32.2 48.4
65 20.0 16.3 24.5

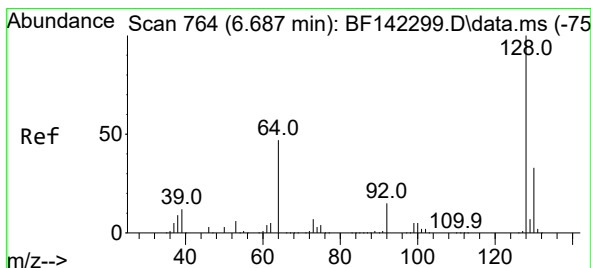
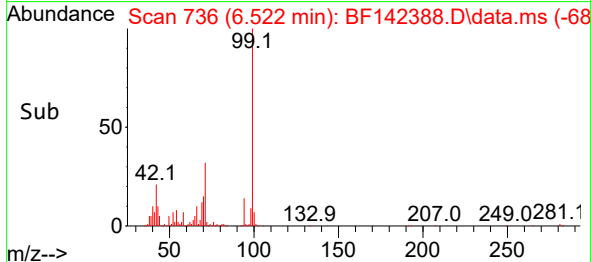
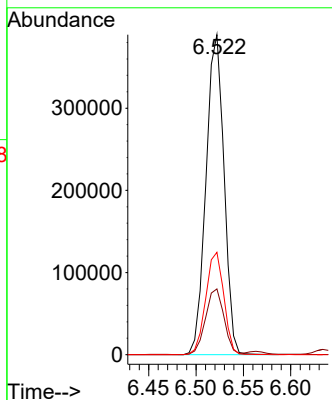
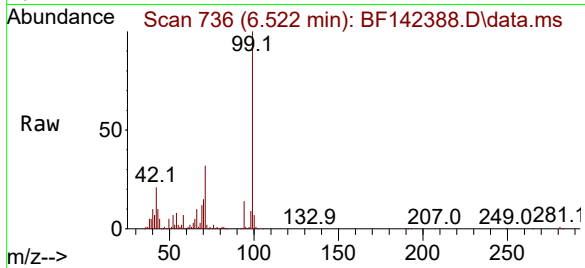




#7
Phenol-d6
Concen: 41.273 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

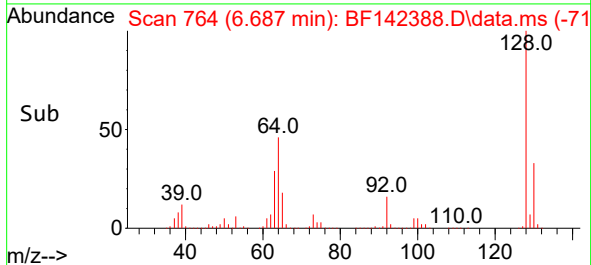
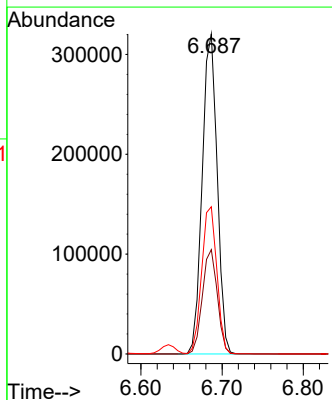
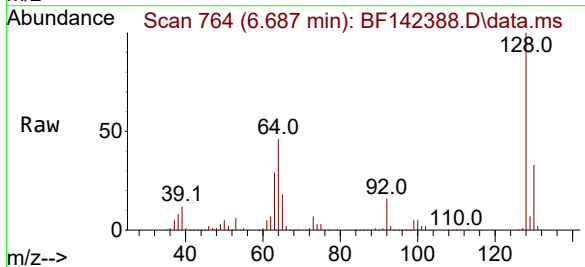
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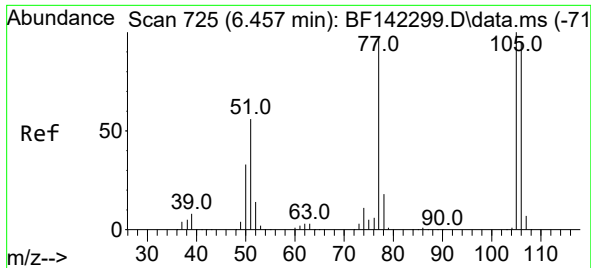
Tgt Ion: 99 Resp: 513718
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.0 25.8 38.8



#8
2-Chlorophenol
Concen: 37.883 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:128 Resp: 409681
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 46.0 29.2 69.2





#9

Benzaldehyde

Concen: 33.388 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

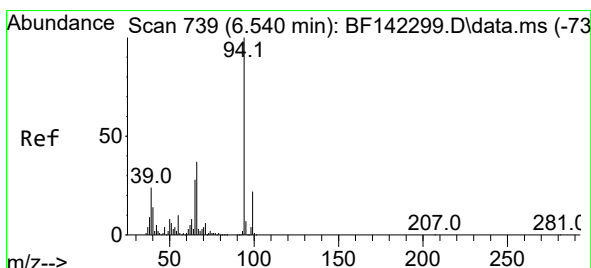
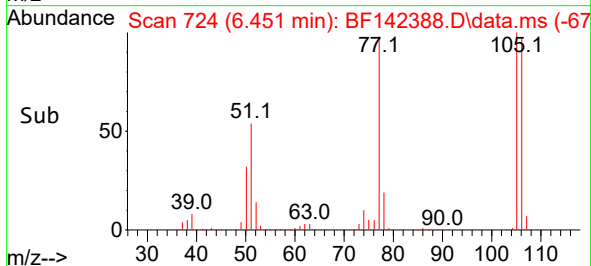
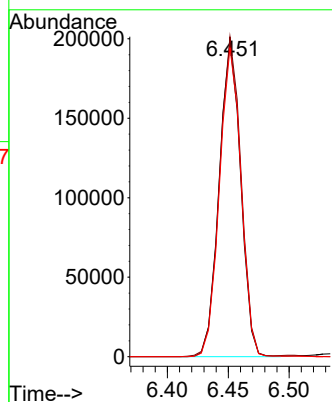
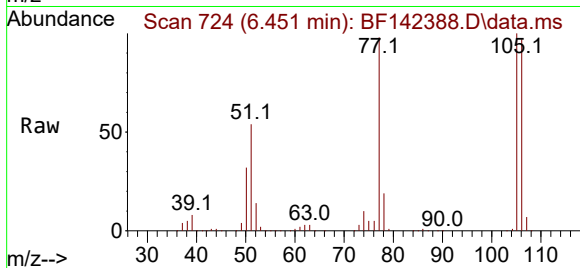
Tgt Ion: 77 Resp: 243231

Ion Ratio Lower Upper

77 100

105 101.6 82.0 122.0

106 98.1 77.2 117.2



#10

Phenol

Concen: 17.329 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

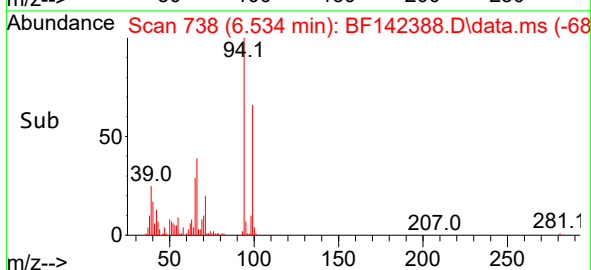
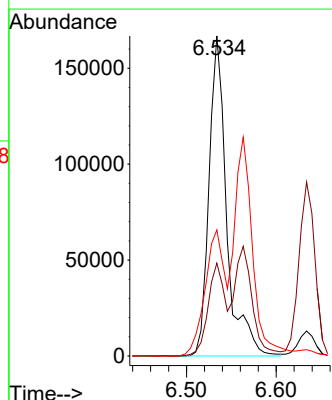
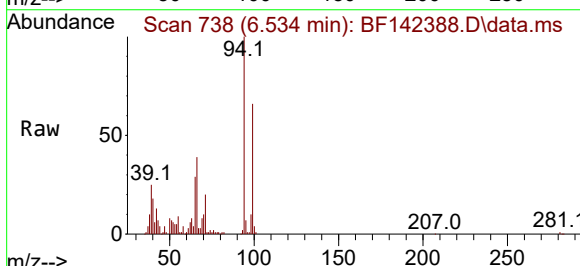
Tgt Ion: 94 Resp: 228634

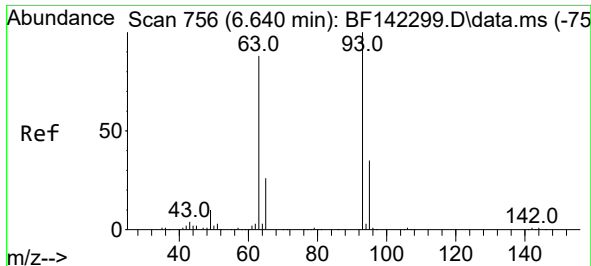
Ion Ratio Lower Upper

94 100

65 29.0 8.5 48.5

66 39.4 17.3 57.3

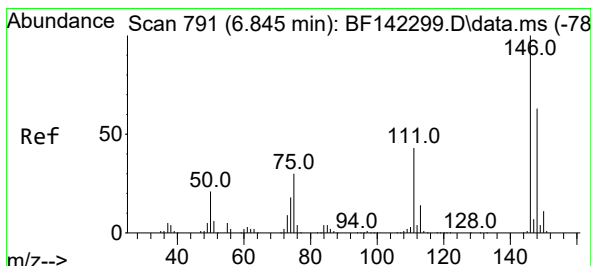
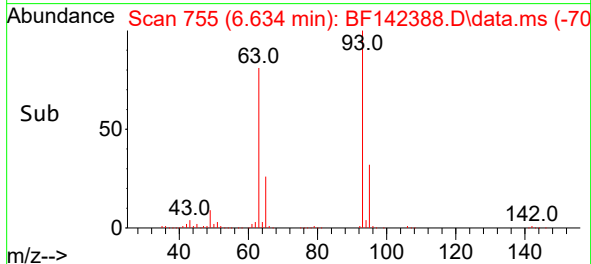
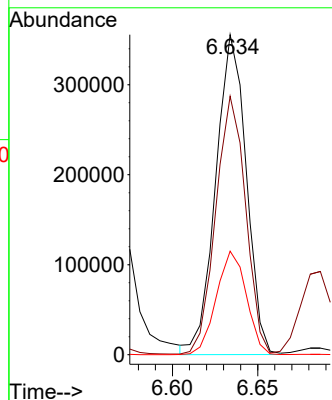
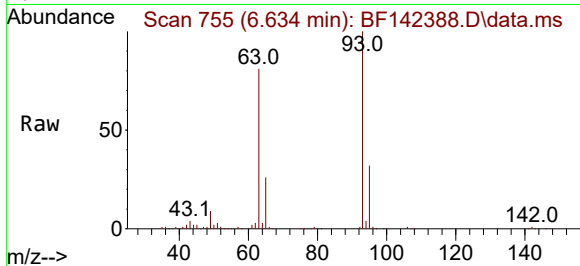




#11
bis(2-Chloroethyl)ether
Concen: 34.066 ng
RT: 6.634 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

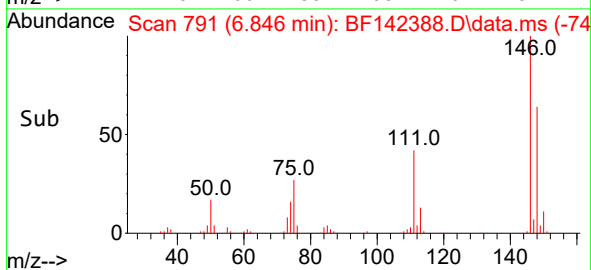
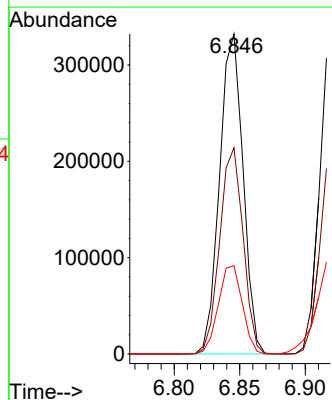
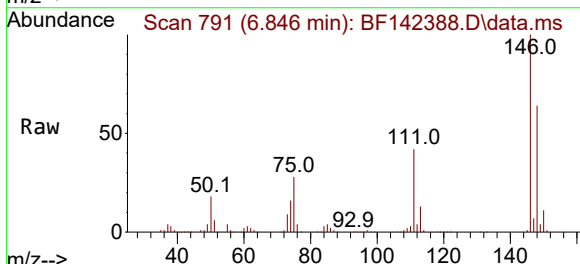
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

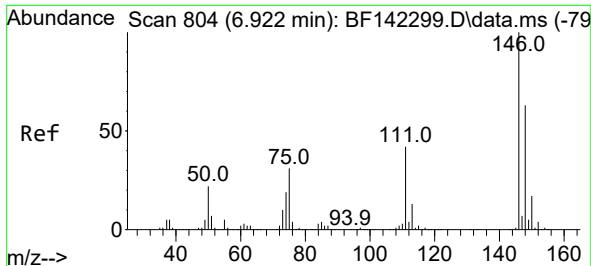
Tgt Ion: 93 Resp: 443232
Ion Ratio Lower Upper
93 100
63 80.7 58.4 98.4
95 32.4 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 33.378 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:146 Resp: 412960
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
75 27.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.992 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

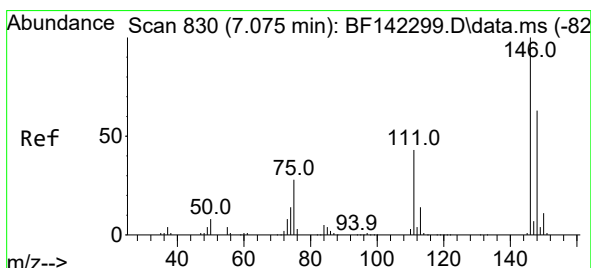
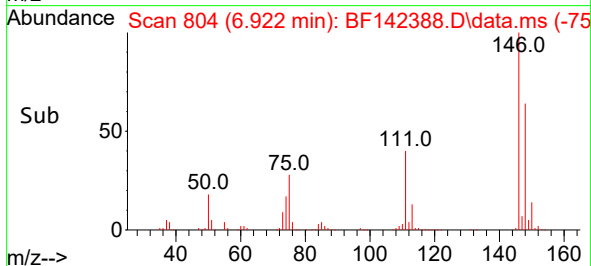
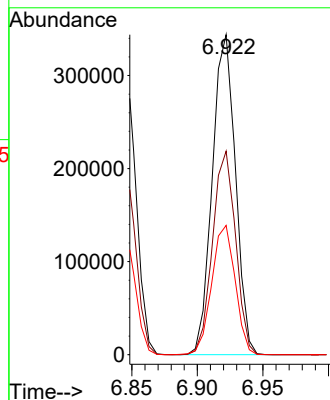
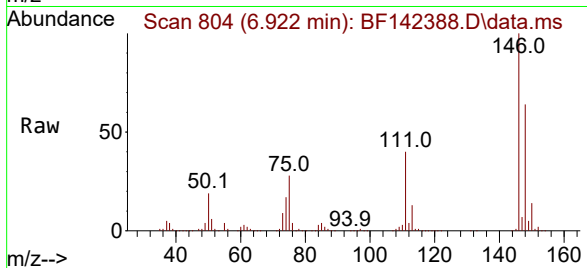
Tgt Ion:146 Resp: 422266

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 40.4 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 34.912 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

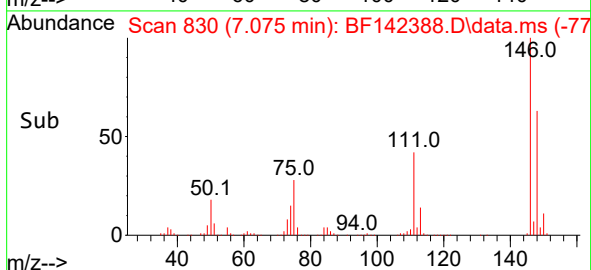
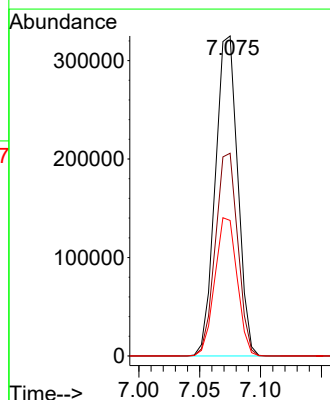
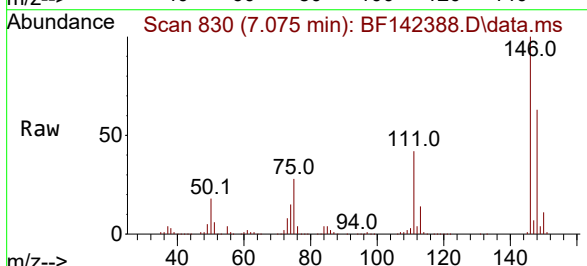
Tgt Ion:146 Resp: 416285

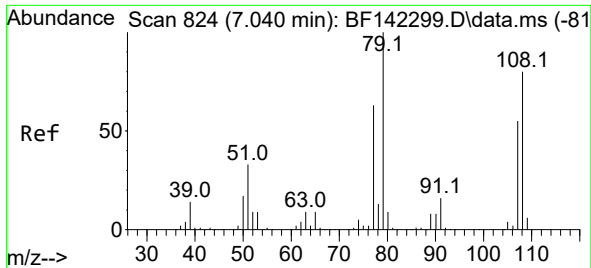
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 42.3 34.5 51.7





#15

Benzyl Alcohol

Concen: 33.840 ng

RT: 7.040 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

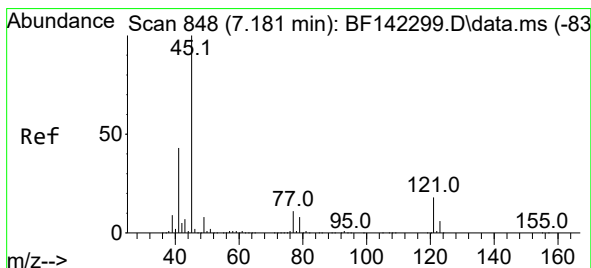
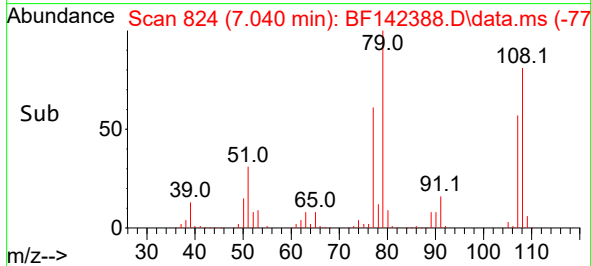
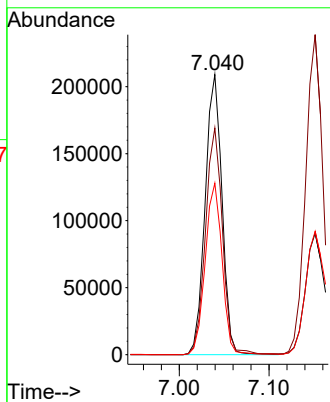
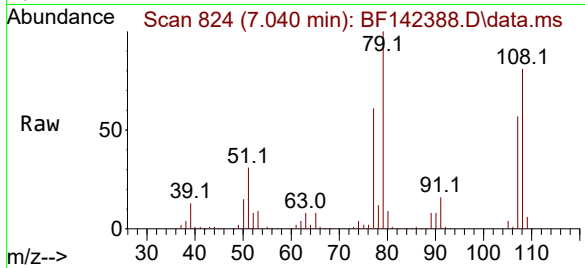
Tgt Ion: 79 Resp: 272744

Ion Ratio Lower Upper

79 100

108 81.0 63.9 95.9

77 61.2 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.785 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

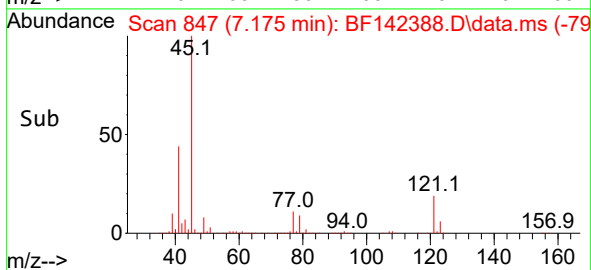
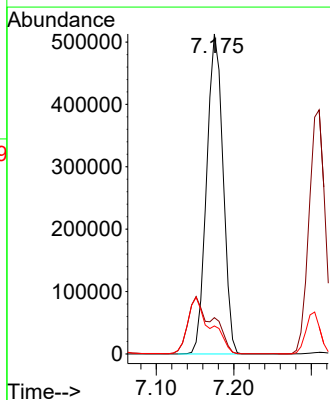
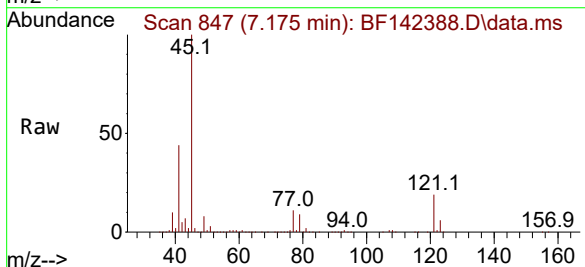
Tgt Ion: 45 Resp: 753579

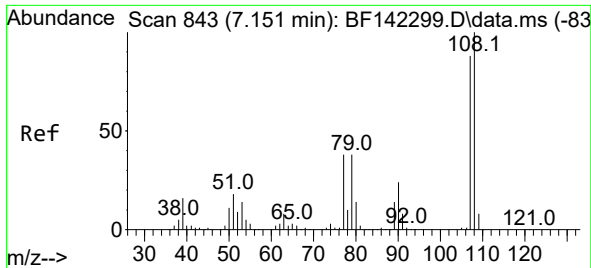
Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.2

79 8.8 0.0 28.5

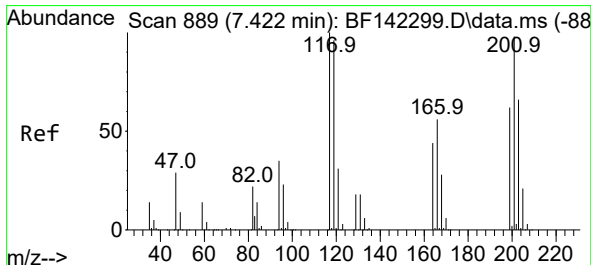
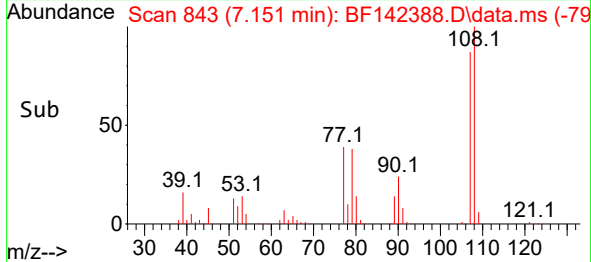
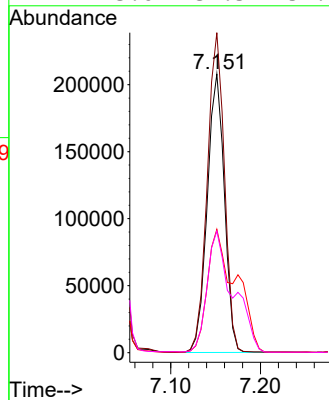
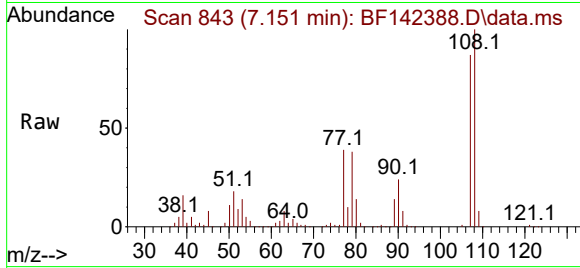




#17
2-Methylphenol
Concen: 31.577 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

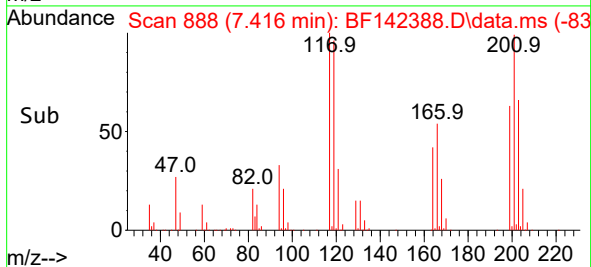
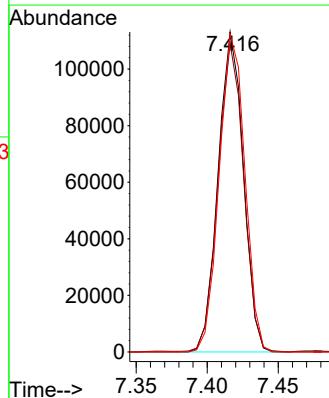
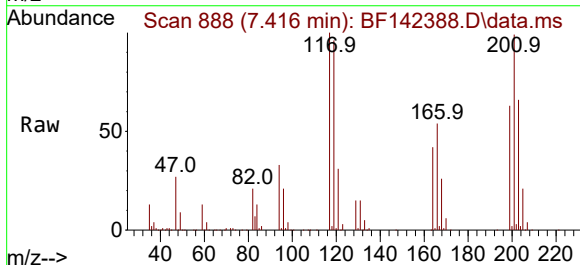
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

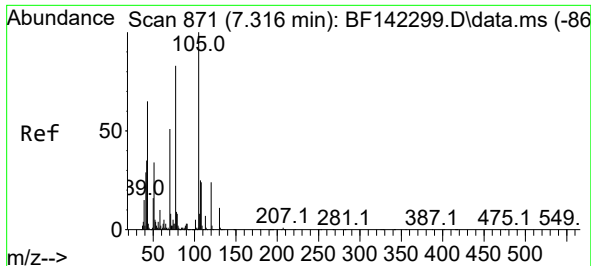
Tgt Ion:	107	Resp:	276466
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.1	136.7
77	44.2	34.7	52.1
79	43.6	34.5	51.7



#18
Hexachloroethane
Concen: 33.875 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:	117	Resp:	140013
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	99.4	78.0	117.0

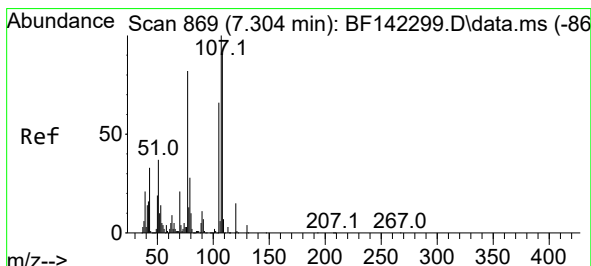
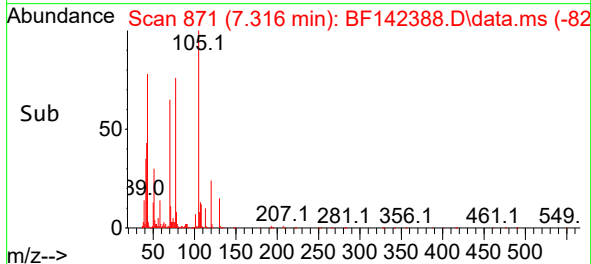
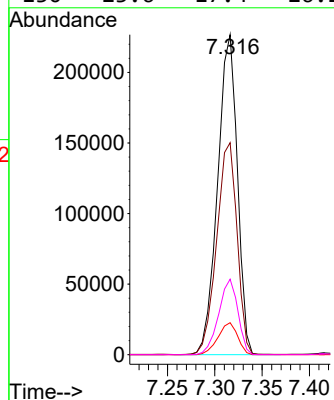
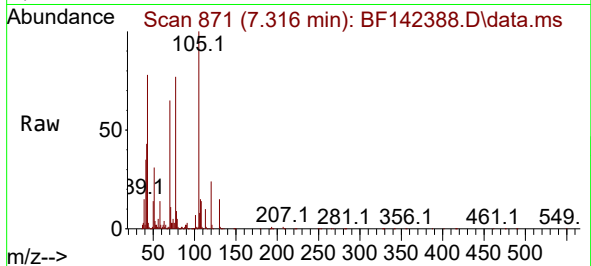




#19
n-Nitroso-di-n-propylamine
Concen: 42.745 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

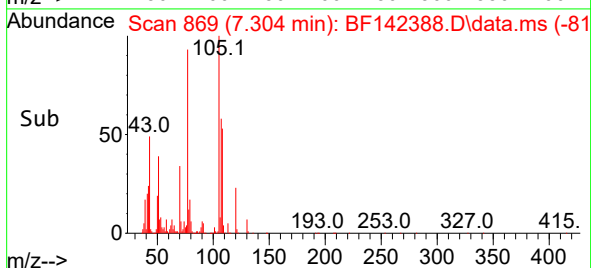
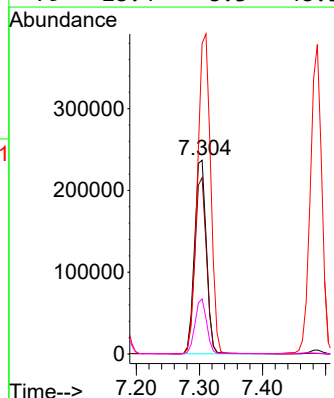
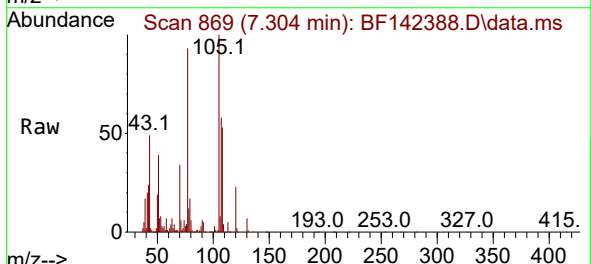
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

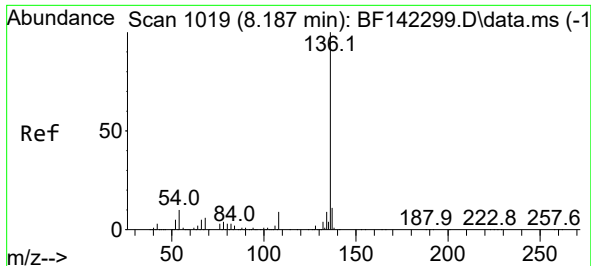
Tgt Ion: 70 Resp: 329104
Ion Ratio Lower Upper
70 100
42 66.3 54.8 82.2
101 10.0 7.7 11.5
130 23.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 28.383 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 107 Resp: 310142
Ion Ratio Lower Upper
107 100
108 91.1 71.5 111.5
77 160.3 61.6 101.6#
79 28.4 8.3 48.3

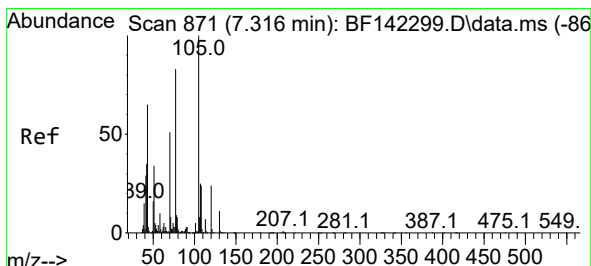
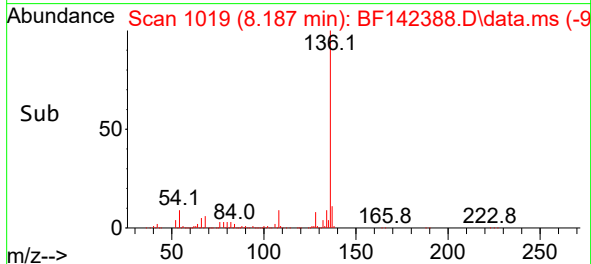
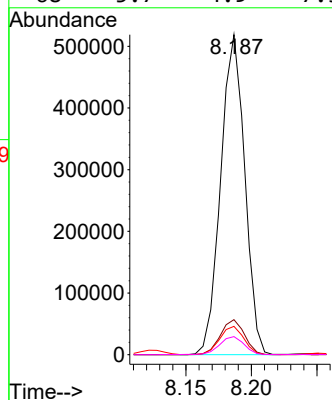
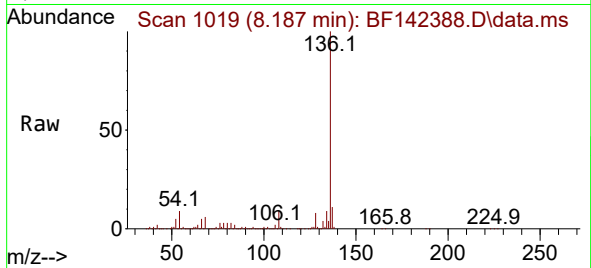




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

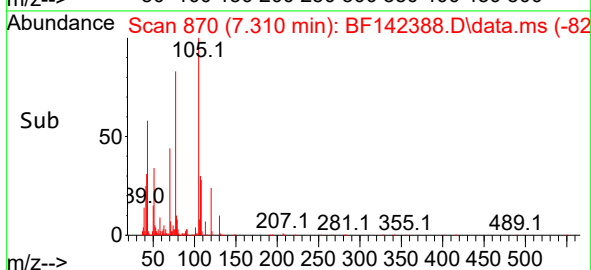
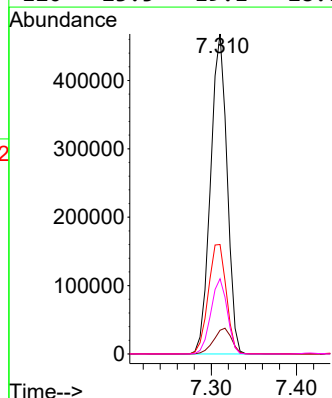
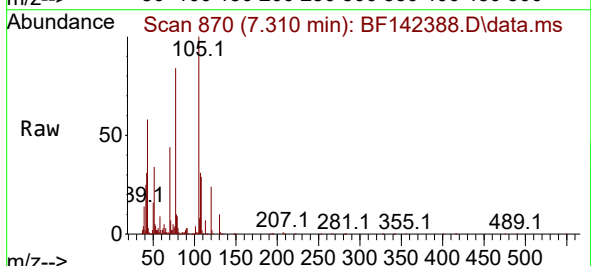
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

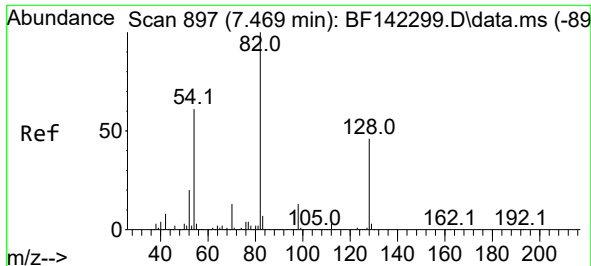
Tgt Ion:	136	Resp:	661579
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.8	7.7	11.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 42.795 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:	105	Resp:	629515
Ion Ratio	Lower	Upper	
105	100		
71	7.4	6.7	10.1
51	34.2	27.6	41.4
120	23.5	19.1	28.7





#23

Nitrobenzene-d5

Concen: 85.936 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

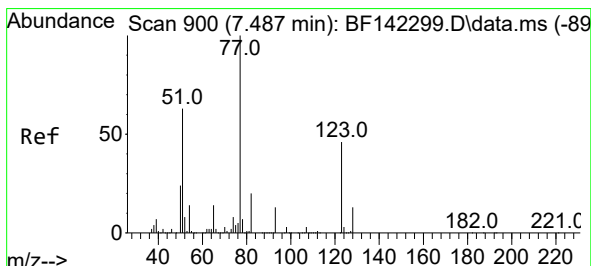
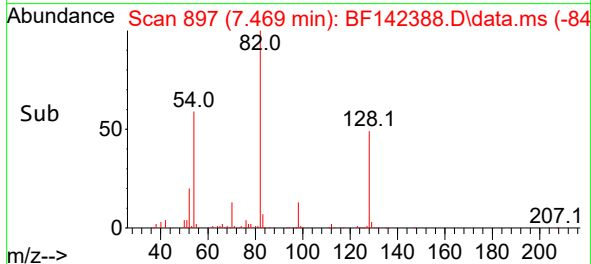
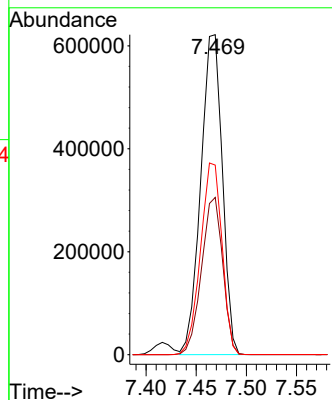
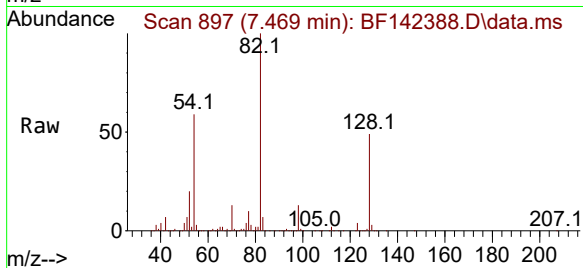
Tgt Ion: 82 Resp: 932224

Ion Ratio Lower Upper

82 100

128 49.2 37.0 55.6

54 59.3 48.6 73.0



#24

Nitrobenzene

Concen: 46.123 ng

RT: 7.487 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

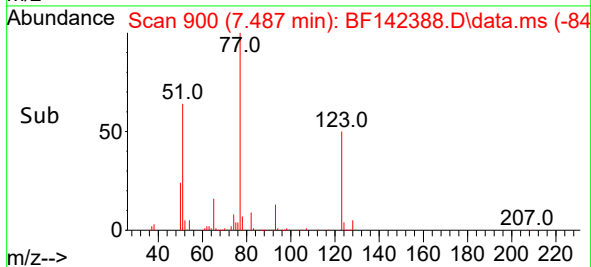
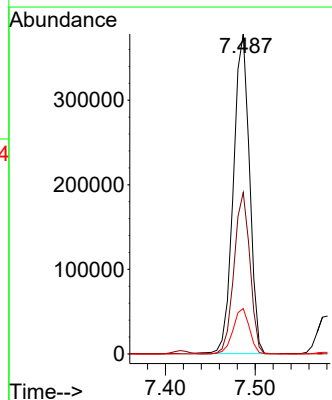
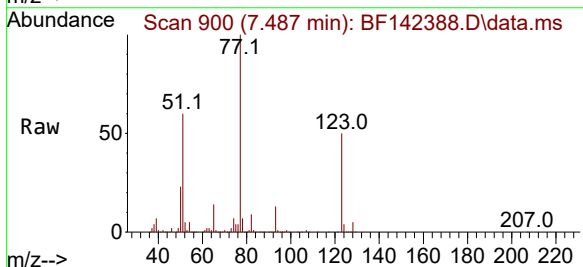
Tgt Ion: 77 Resp: 471629

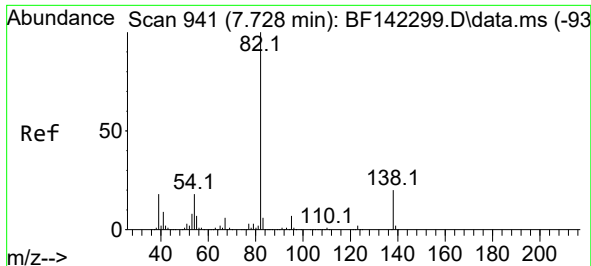
Ion Ratio Lower Upper

77 100

123 50.4 37.8 56.8

65 14.2 11.4 17.0

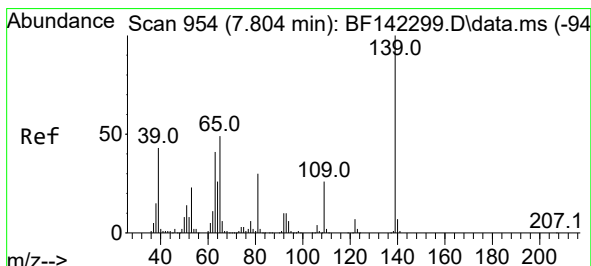
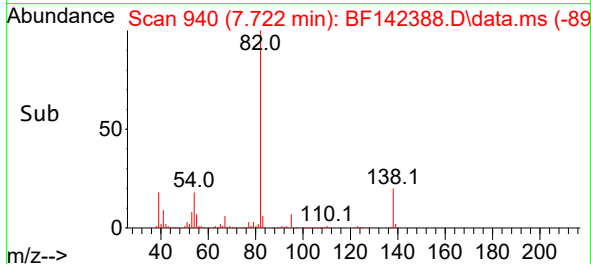
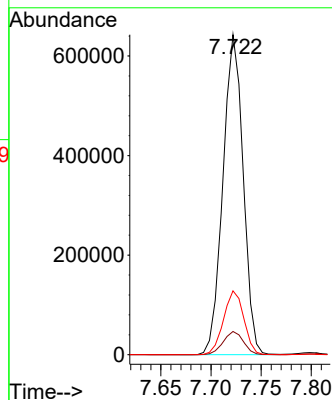
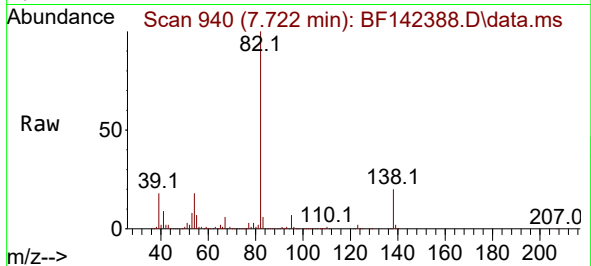




#25
Isophorone
Concen: 43.939 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

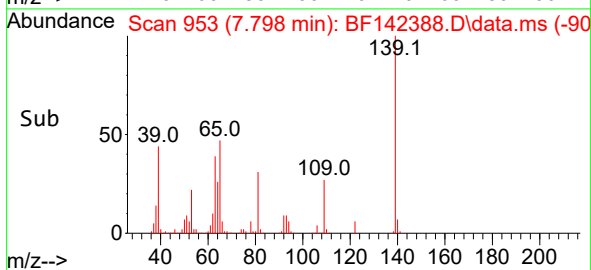
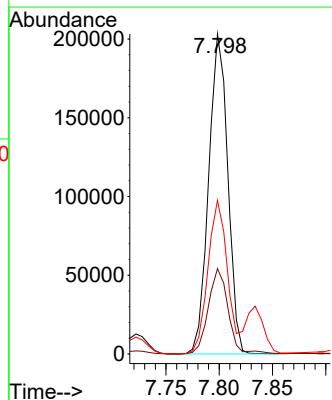
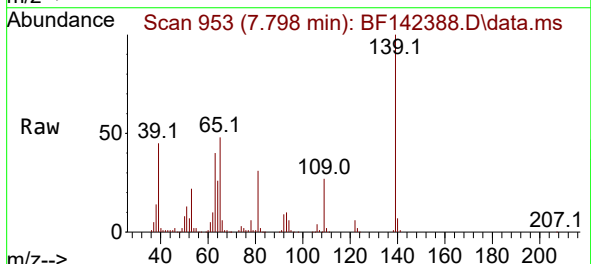
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

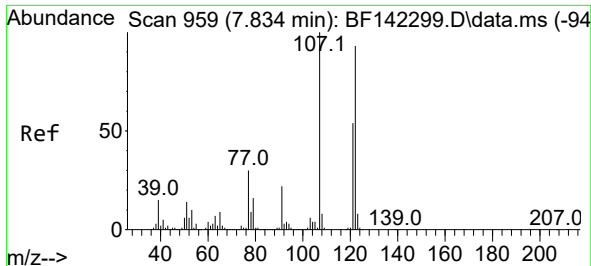
Tgt Ion: 82 Resp: 902585
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 20.0 16.1 24.1



#26
2-Nitrophenol
Concen: 51.343 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion: 139 Resp: 254589
Ion Ratio Lower Upper
139 100
109 26.7 20.8 31.2
65 48.0 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 40.898 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142388.D

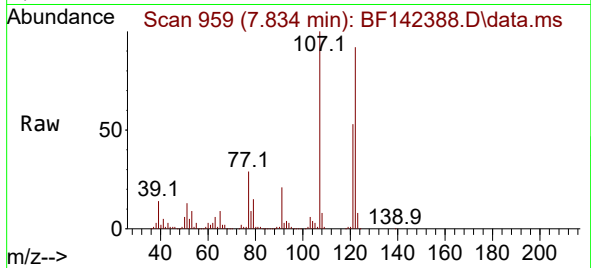
Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS



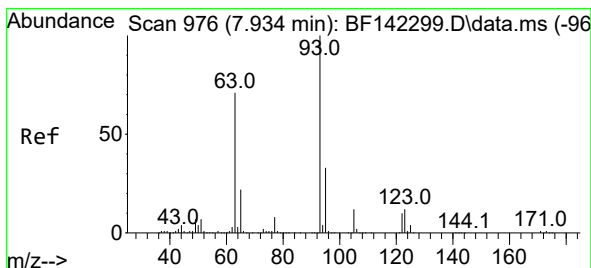
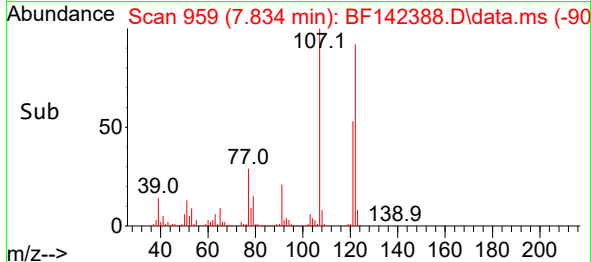
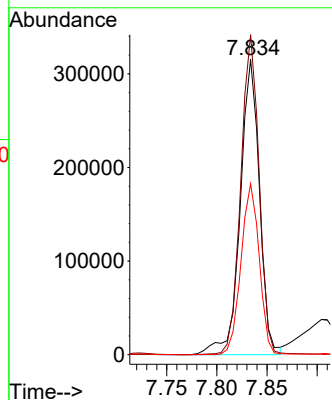
Tgt Ion:122 Resp: 422391

Ion Ratio Lower Upper

122 100

107 108.4 86.0 129.0

121 57.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.653 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

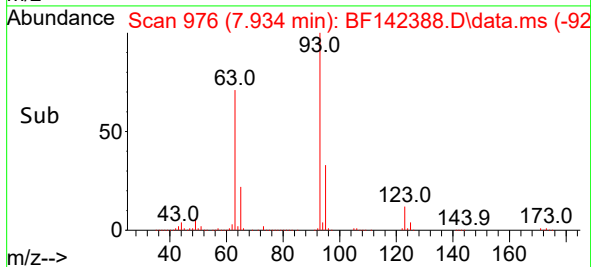
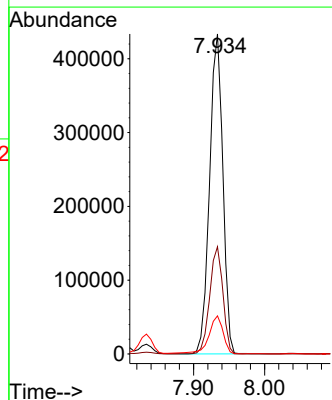
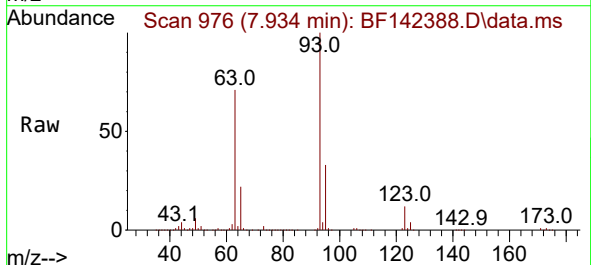
Tgt Ion: 93 Resp: 563392

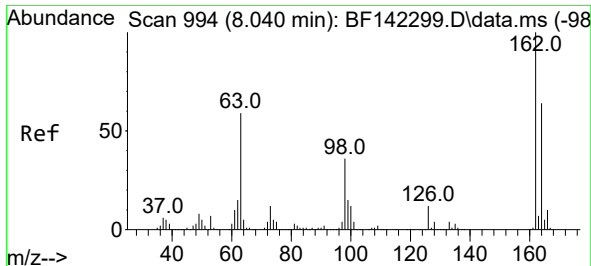
Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

123 11.9 10.2 15.4

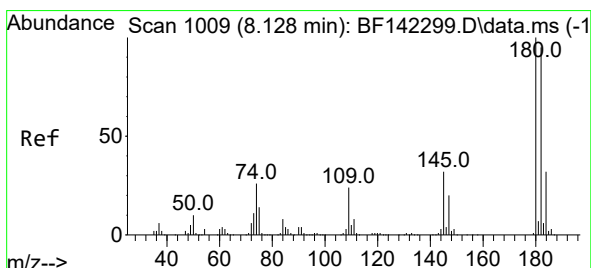
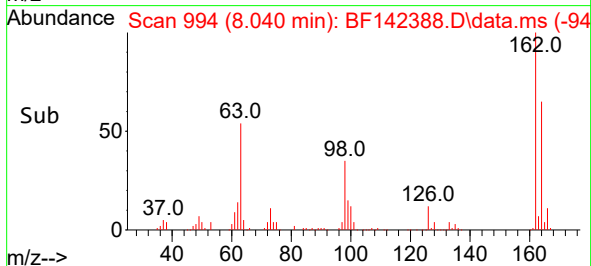
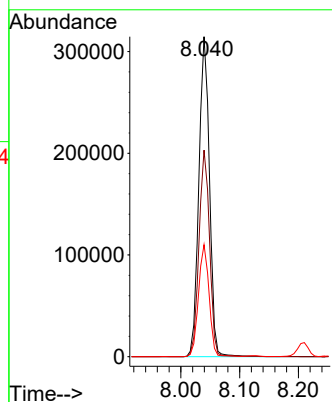
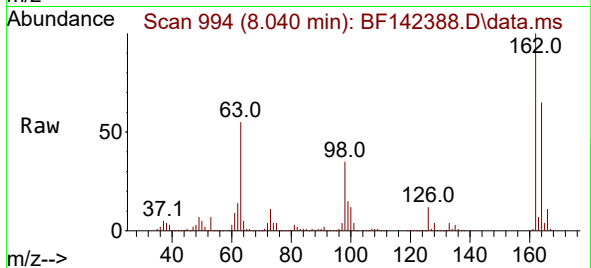




#29
2,4-Dichlorophenol
Concen: 44.936 ng
RT: 8.040 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

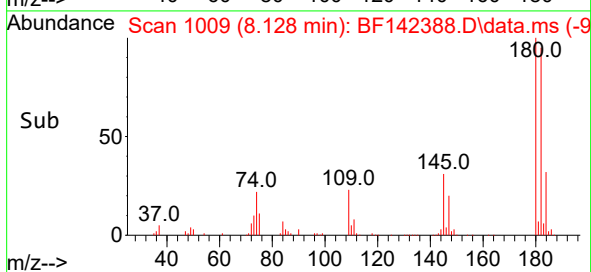
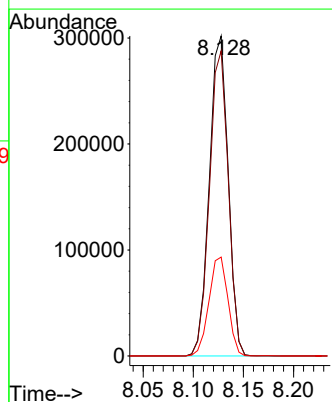
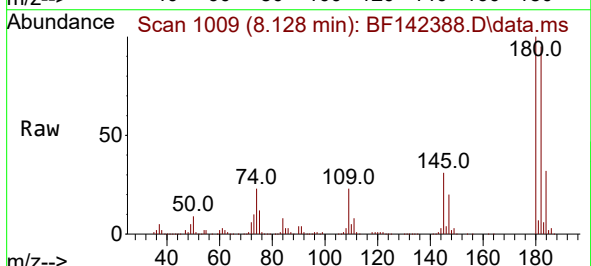
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

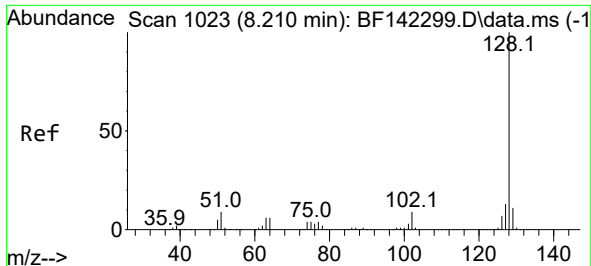
Tgt Ion:162 Resp: 394568
Ion Ratio Lower Upper
162 100
164 64.6 43.6 83.6
98 35.0 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 40.057 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

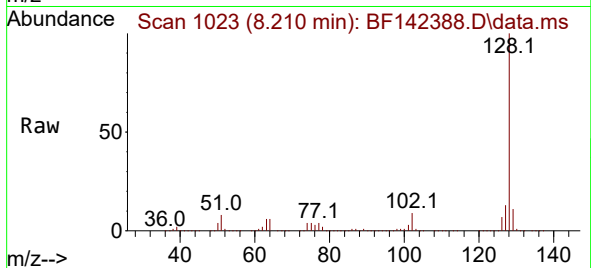
Tgt Ion:180 Resp: 395832
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 30.9 25.8 38.6



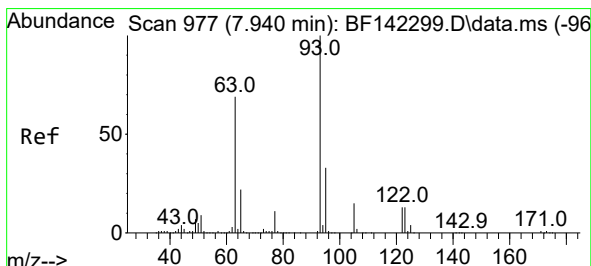
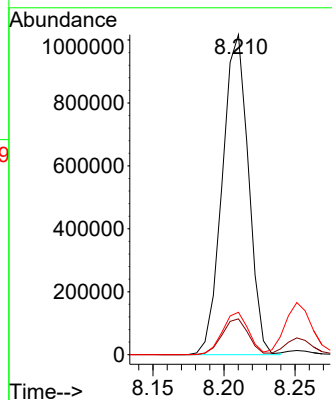
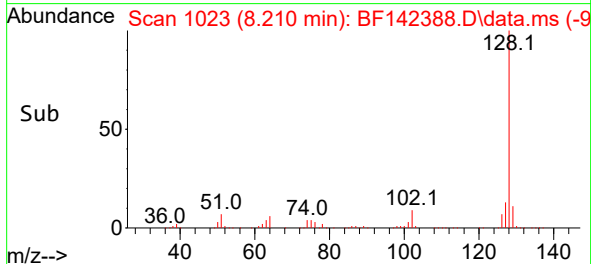


#31
Naphthalene
Concen: 40.636 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

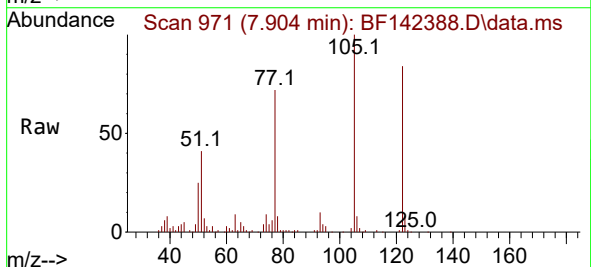
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS



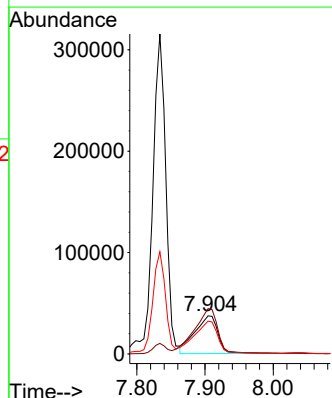
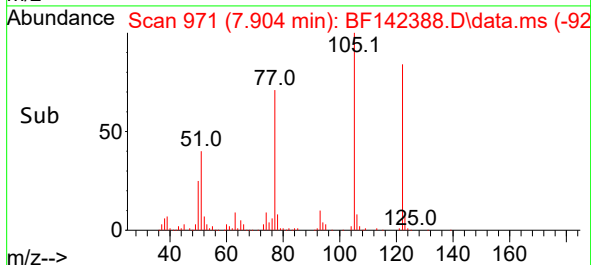
Tgt Ion:128 Resp: 1302962
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.5 15.7

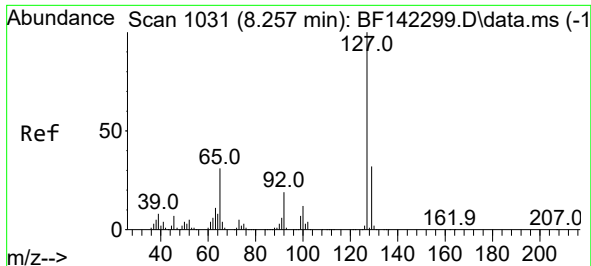


#32
Benzoic acid
Concen: 21.457 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.036 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18



Tgt Ion:122 Resp: 88700
Ion Ratio Lower Upper
122 100
105 118.9 97.9 137.9
77 86.0 67.7 107.7

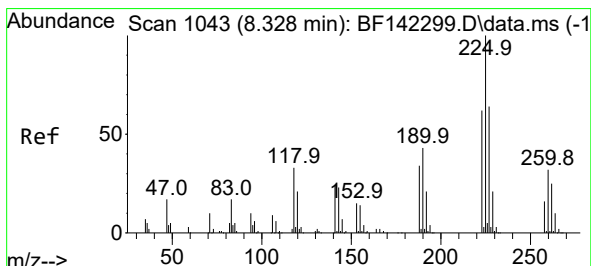
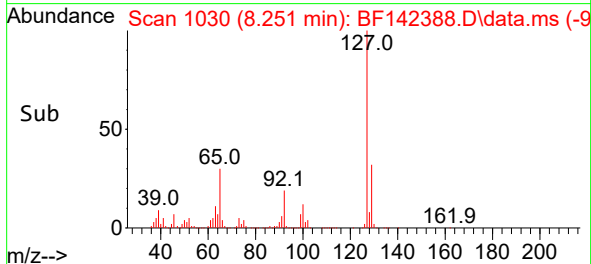
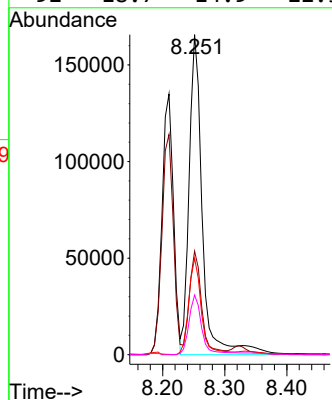
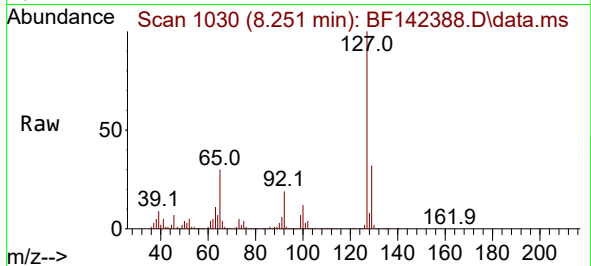




#33
4-Chloroaniline
Concen: 18.838 ng m
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

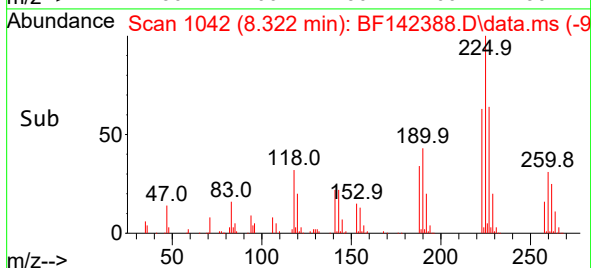
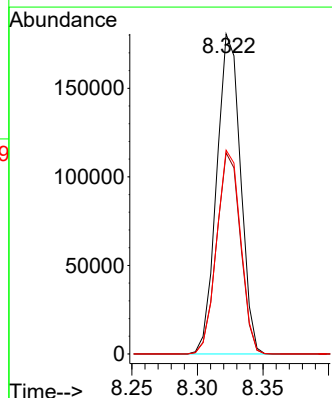
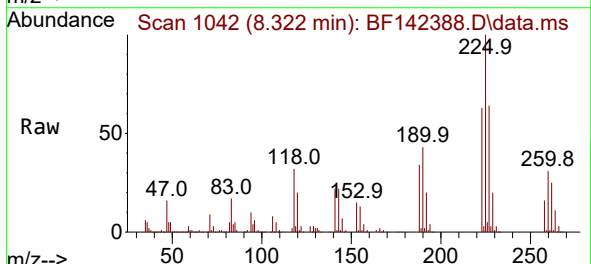
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

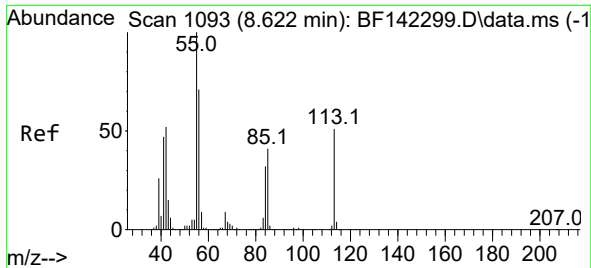
Tgt Ion:127	Resp: 246466
Ion Ratio	Lower Upper
127 100	
129 32.4	25.7 38.5
65 30.1	24.9 37.3
92 18.7	14.9 22.3



#34
Hexachlorobutadiene
Concen: 38.945 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:225	Resp: 227885
Ion Ratio	Lower Upper
225 100	
223 62.9	49.8 74.6
227 63.7	50.9 76.3

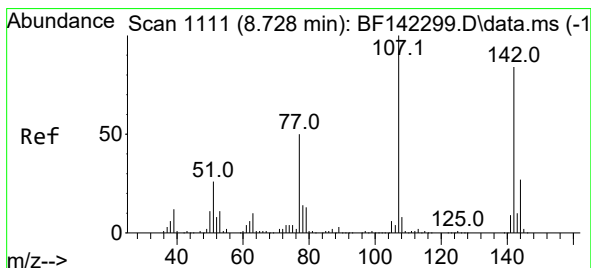
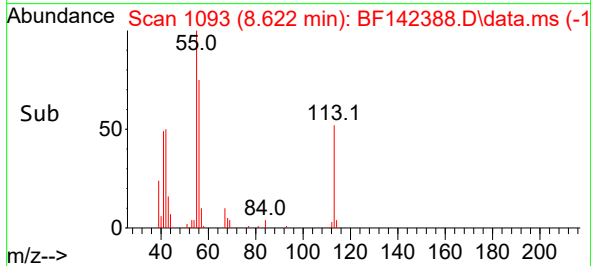
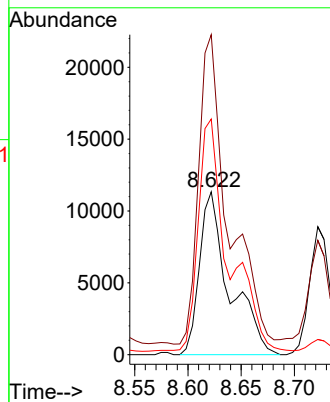
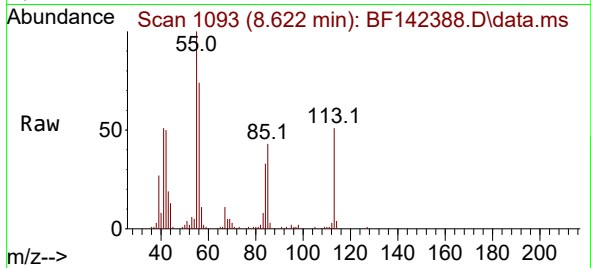




#35
 Caprolactam
 Concen: 8.704 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

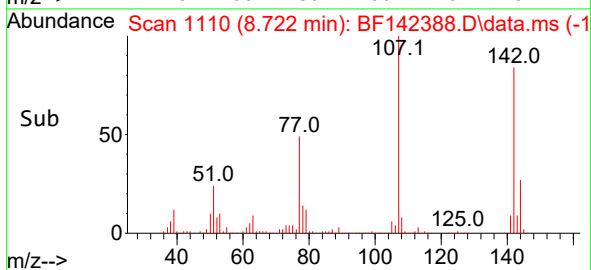
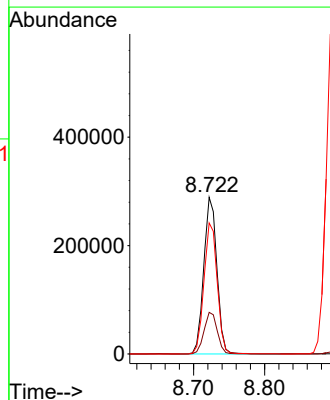
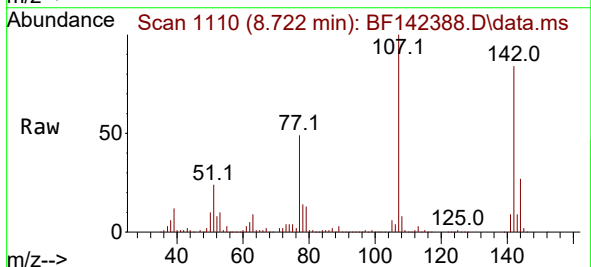
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

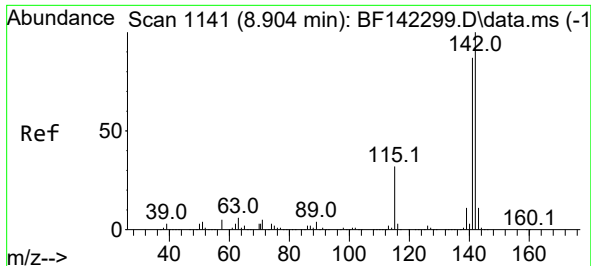
Tgt Ion:	113	Resp:	22274
Ion	Ratio	Lower	Upper
113	100		
55	196.4	176.4	216.4
56	144.7	120.3	160.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.855 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

Tgt Ion:	107	Resp:	372907
Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.7	66.9	100.3

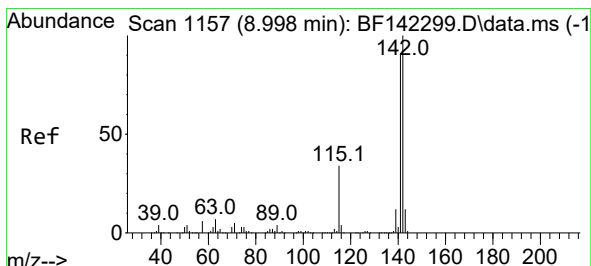
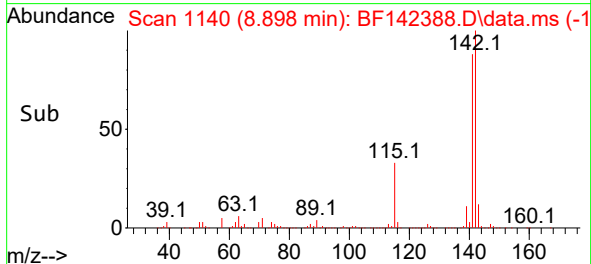
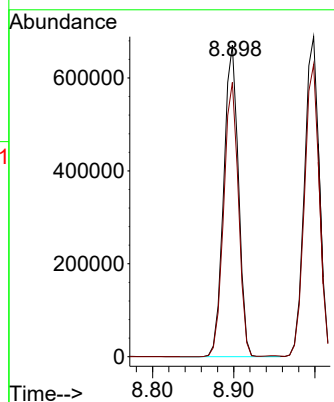
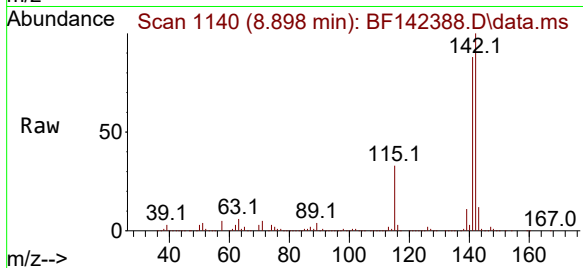




#37
2-Methylnaphthalene
Concen: 42.575 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

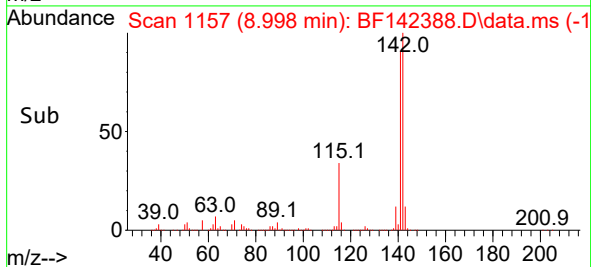
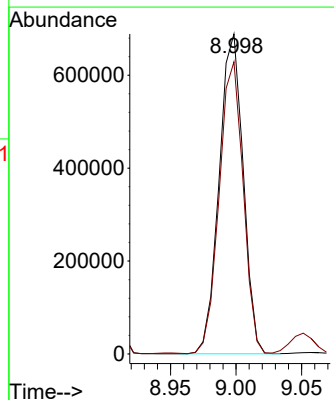
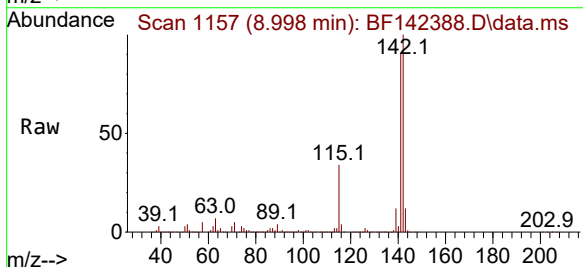
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

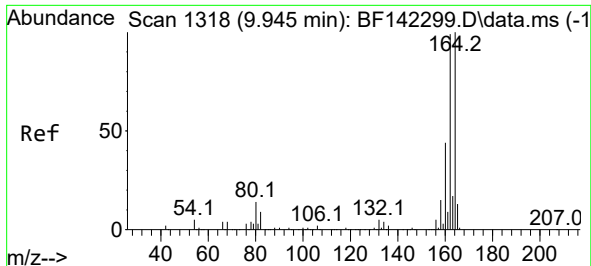
Tgt Ion:142 Resp: 848266
Ion Ratio Lower Upper
142 100
141 88.0 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.153 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:142 Resp: 875361
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

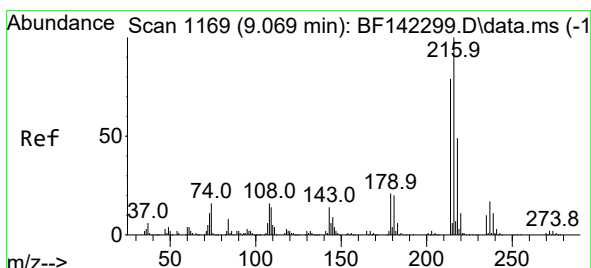
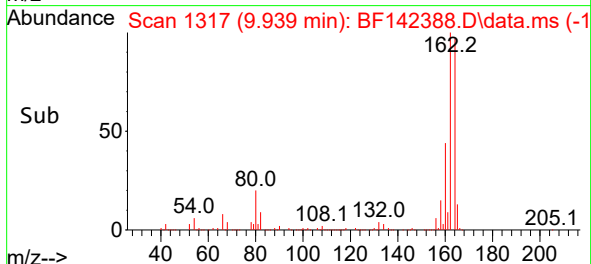
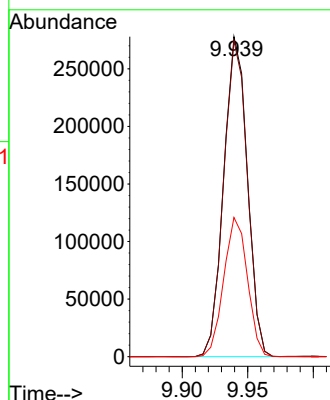
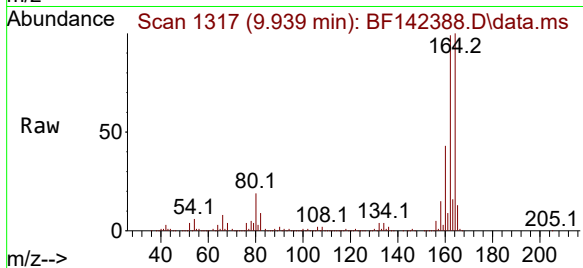
Tgt Ion:164 Resp: 349080

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 43.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.530 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Tgt Ion:216 Resp: 424400

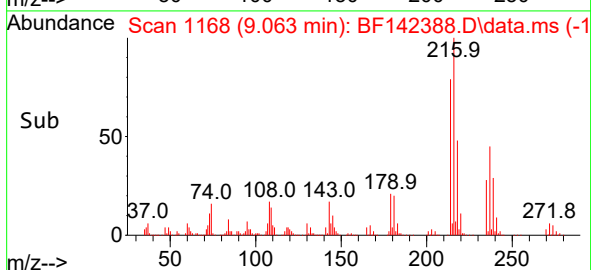
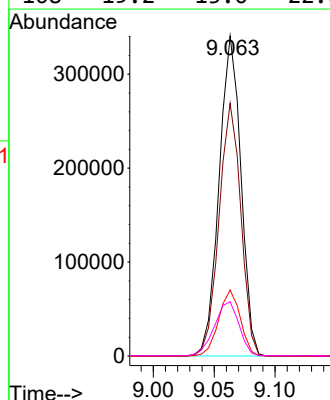
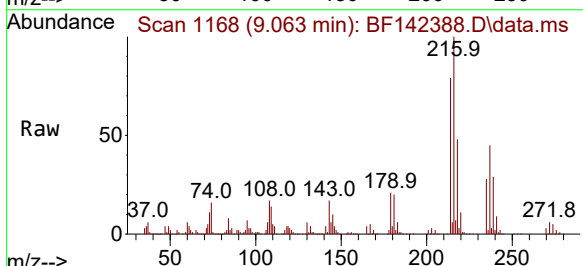
Ion Ratio Lower Upper

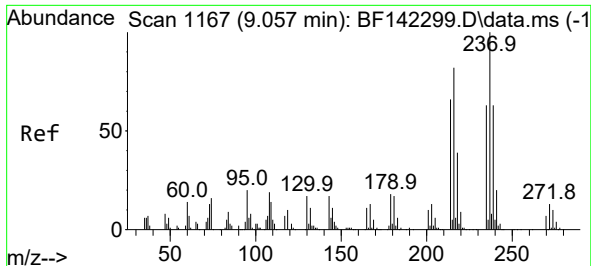
216 100

214 78.7 63.8 95.6

179 20.5 17.0 25.6

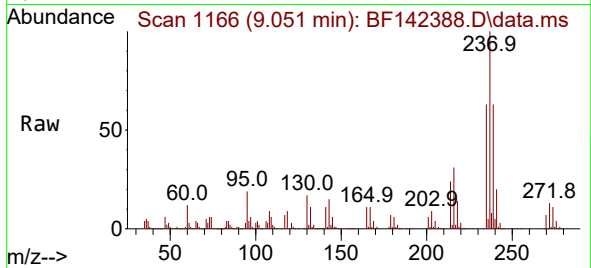
108 19.2 15.0 22.6



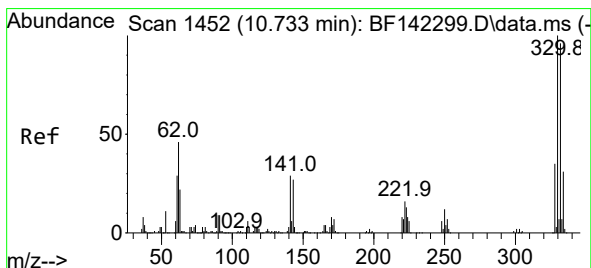
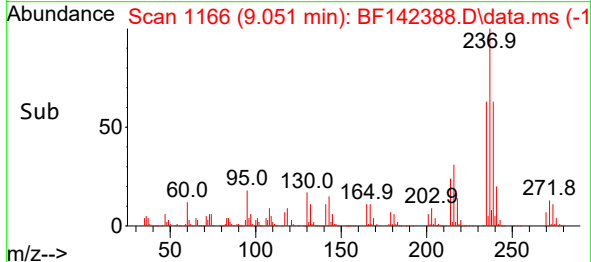
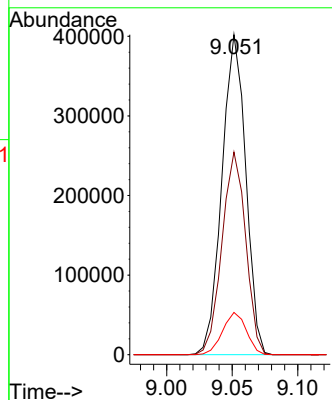


#41
Hexachlorocyclopentadiene
Concen: 84.288 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

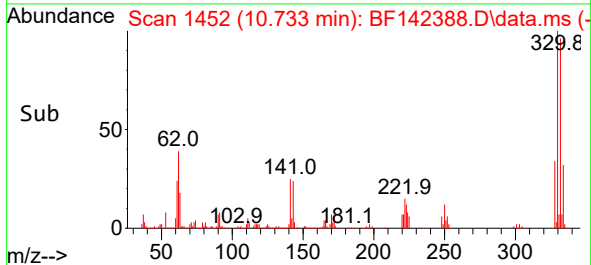
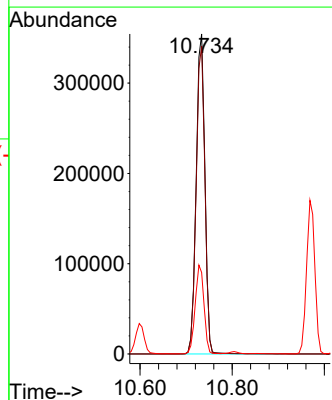
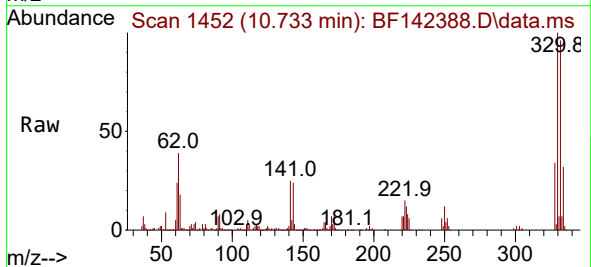


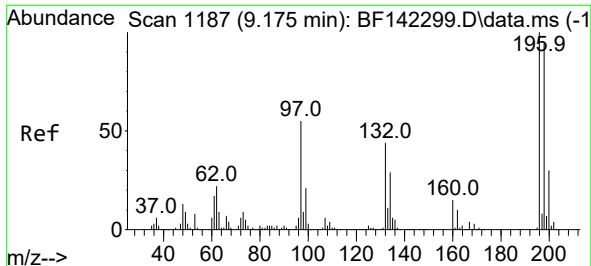
Tgt Ion:237 Resp: 507870
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 137.681 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:330 Resp: 464026
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 27.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.164 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

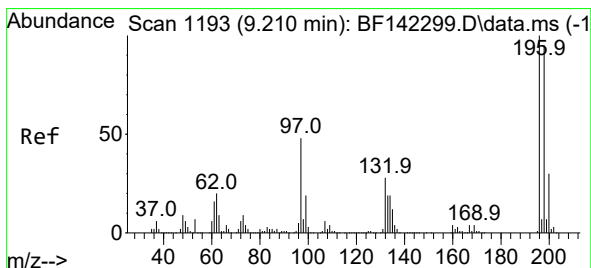
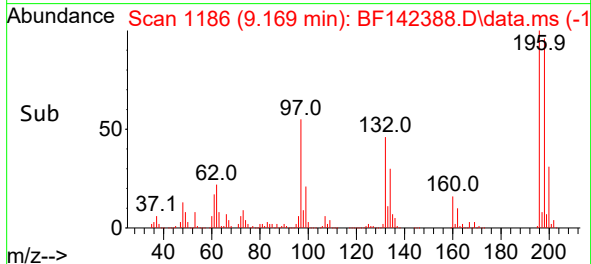
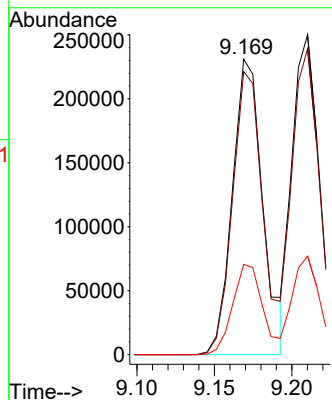
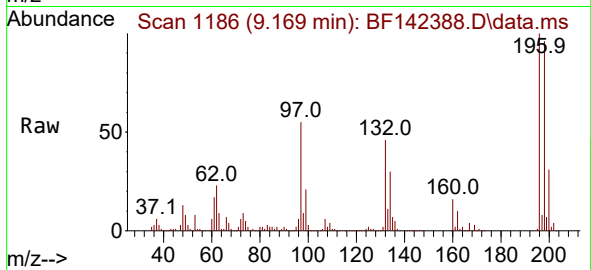
Tgt Ion:196 Resp: 314642

Ion Ratio Lower Upper

196 100

198 95.8 75.4 113.0

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.570 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Tgt Ion:196 Resp: 304721

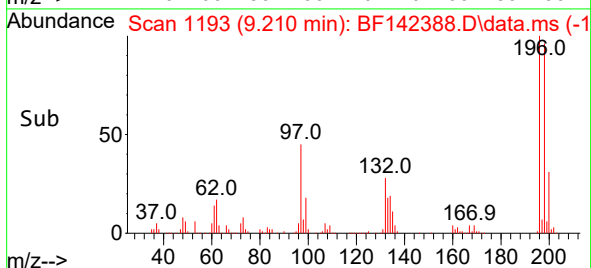
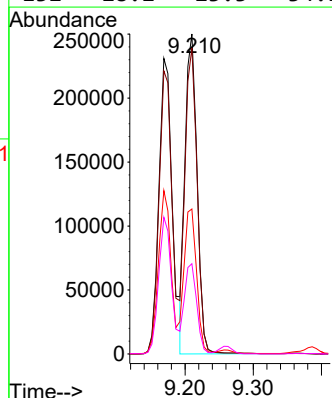
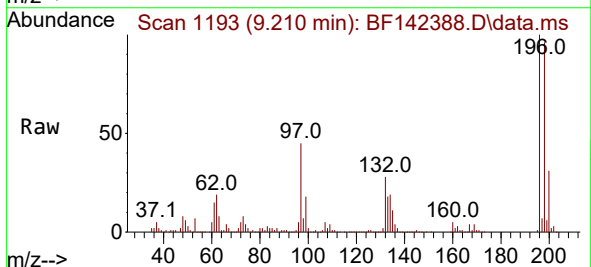
Ion Ratio Lower Upper

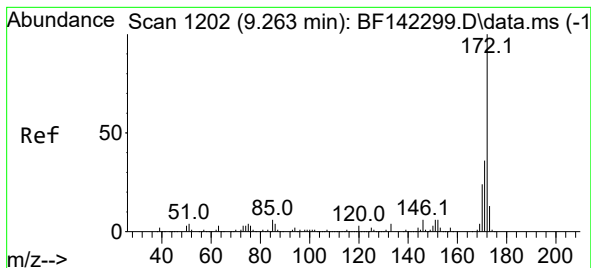
196 100

198 95.6 76.1 114.1

97 45.3 39.0 58.4

132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.993 ng

RT: 9.263 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

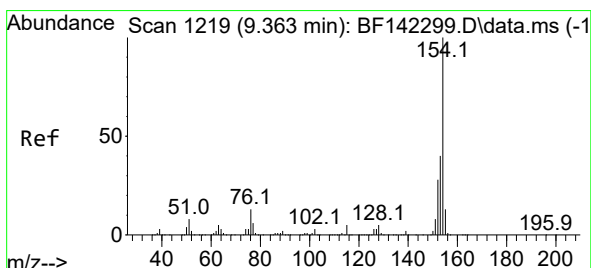
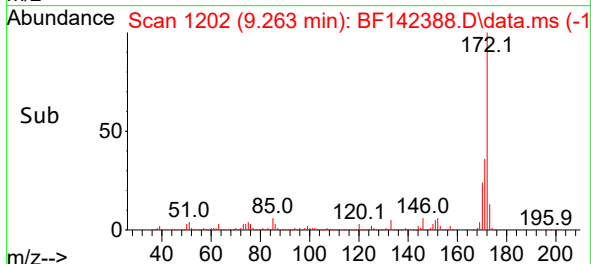
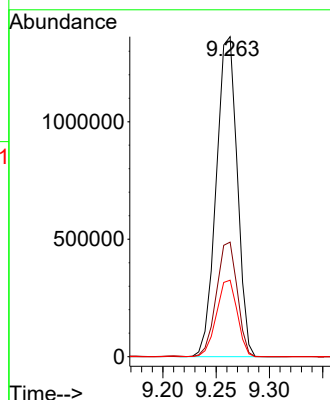
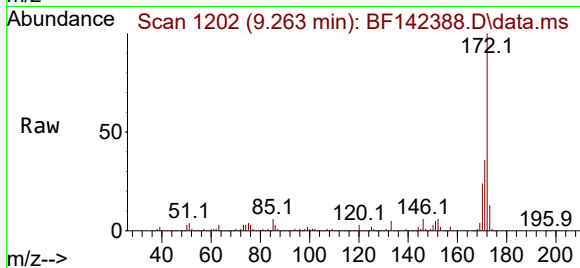
Tgt Ion:172 Resp: 1860447

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.670 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

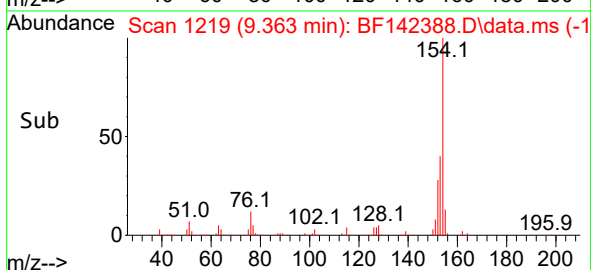
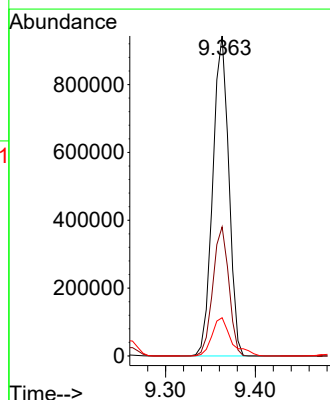
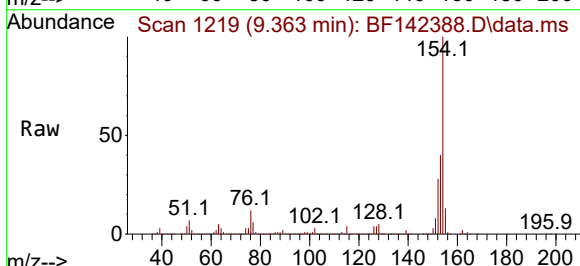
Tgt Ion:154 Resp: 1168846

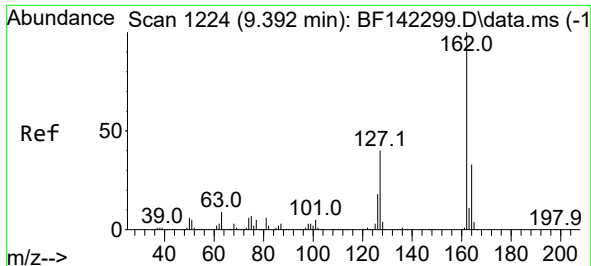
Ion Ratio Lower Upper

154 100

153 40.4 20.5 60.5

76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.548 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

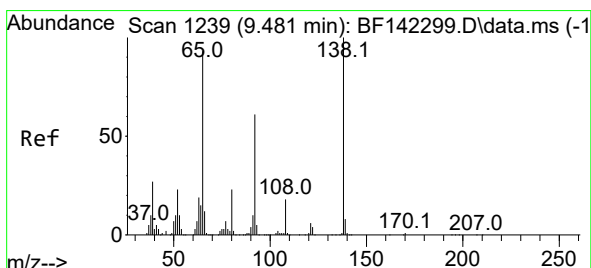
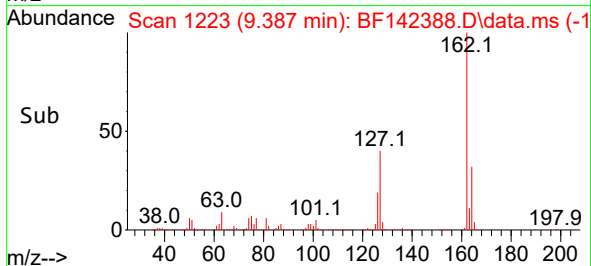
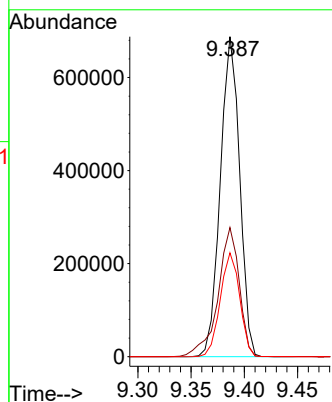
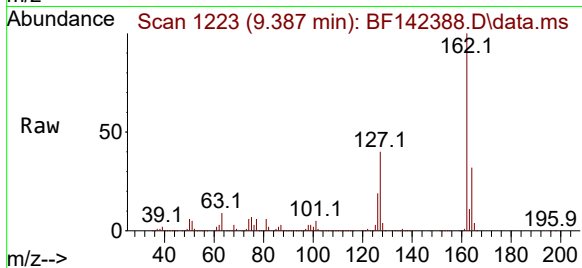
Tgt Ion:162 Resp: 866810

Ion Ratio Lower Upper

162 100

127 40.4 32.3 48.5

164 32.4 26.6 40.0



#48

2-Nitroaniline

Concen: 50.466 ng

RT: 9.481 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

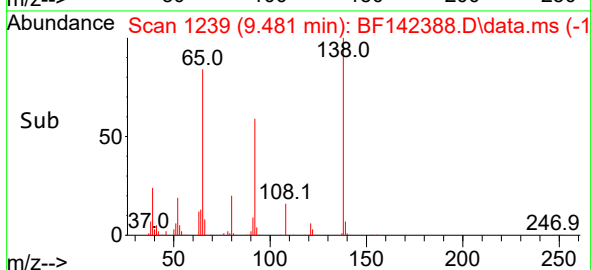
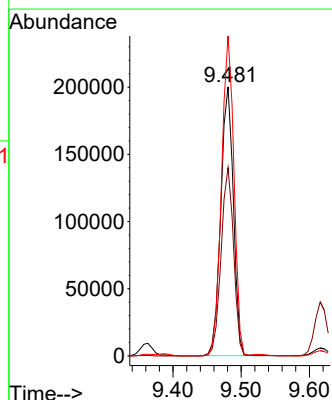
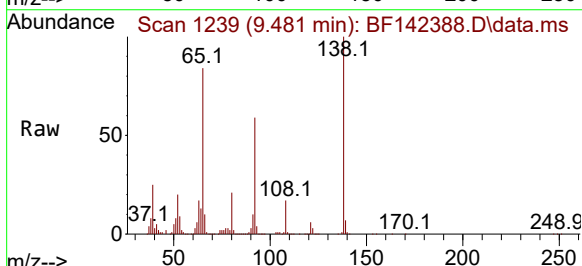
Tgt Ion: 65 Resp: 257479

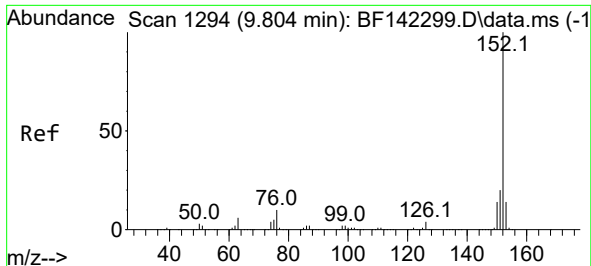
Ion Ratio Lower Upper

65 100

92 70.0 52.3 78.5

138 118.9 85.6 128.4





#49

Acenaphthylene

Concen: 43.358 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

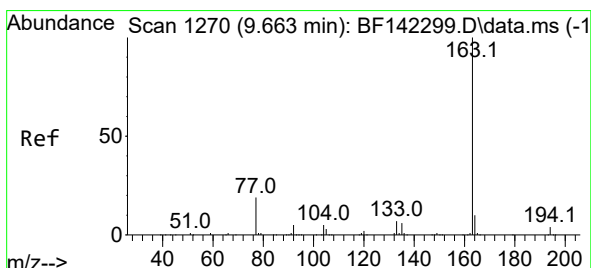
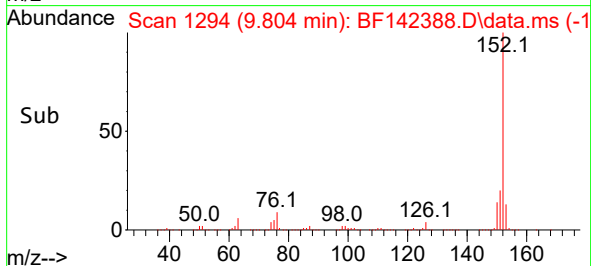
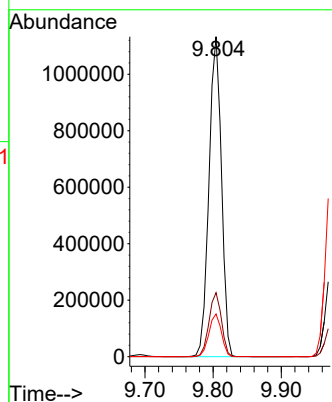
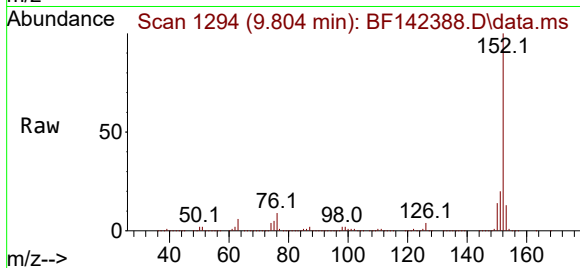
Tgt Ion:152 Resp: 1443735

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 46.337 ng

RT: 9.663 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

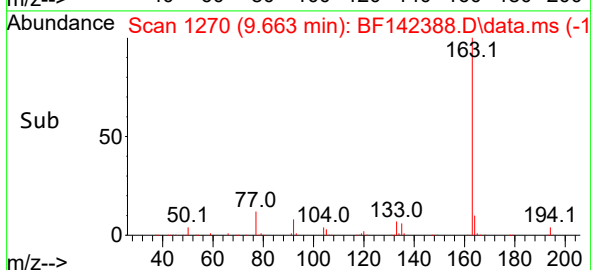
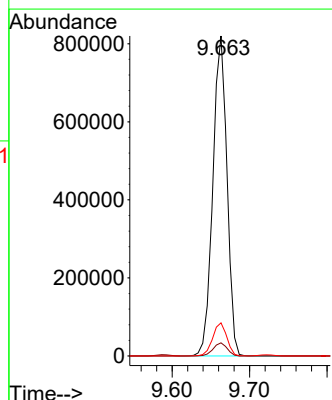
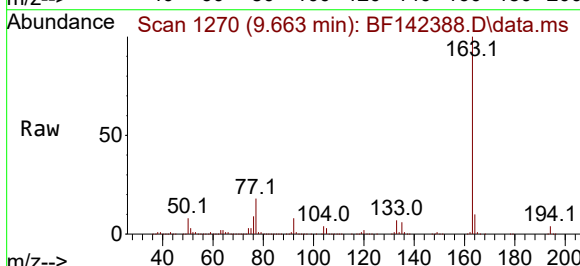
Tgt Ion:163 Resp: 1038662

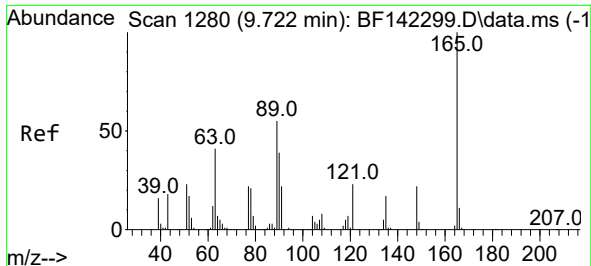
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.3 12.5

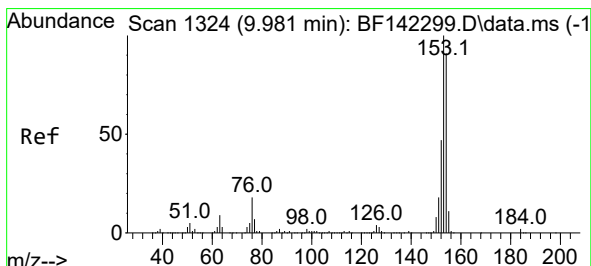
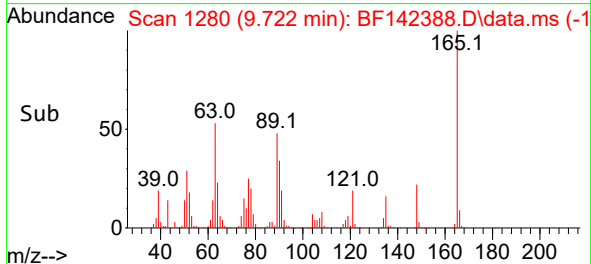
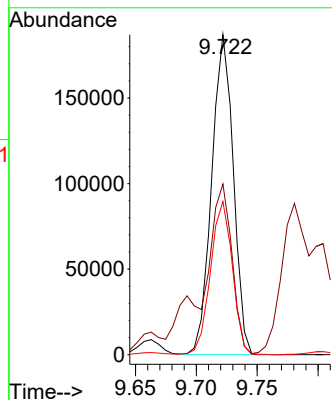
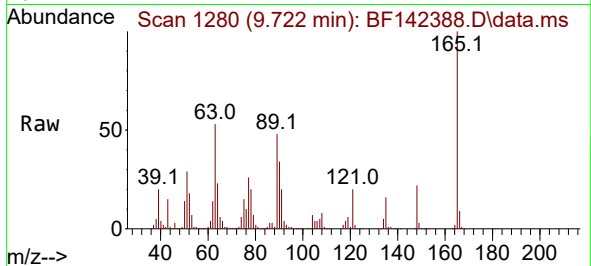




#51
2,6-Dinitrotoluene
Concen: 54.949 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

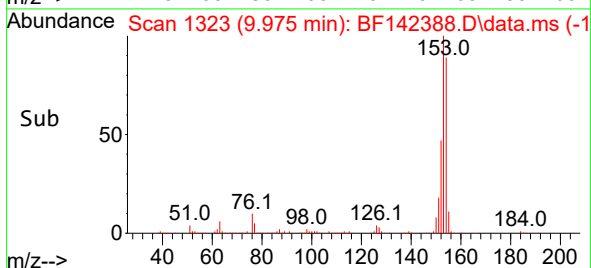
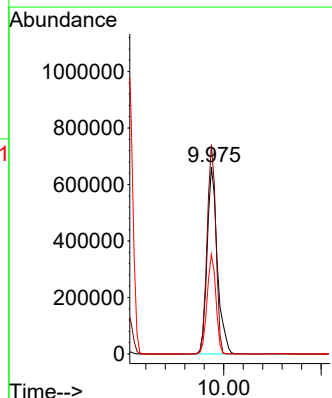
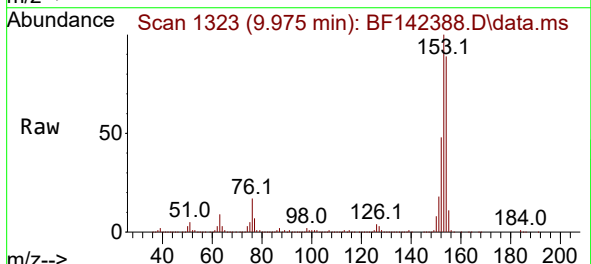
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

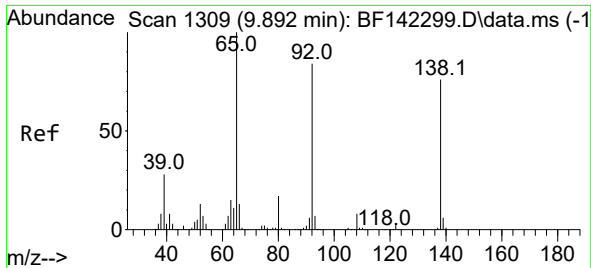
Tgt Ion:165 Resp: 230553
Ion Ratio Lower Upper
165 100
63 53.4 49.5 74.3
89 47.9 44.6 66.8



#52
Acenaphthene
Concen: 48.109 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:154 Resp: 963224
Ion Ratio Lower Upper
154 100
153 111.9 88.0 132.0
152 53.2 41.6 62.4

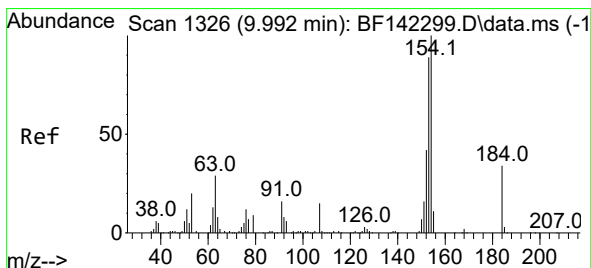
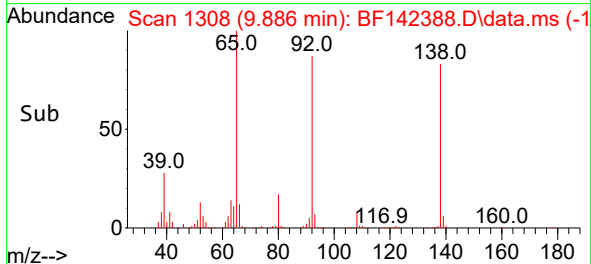
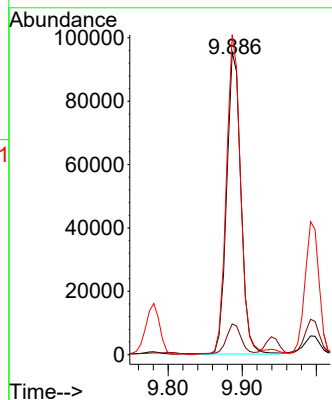
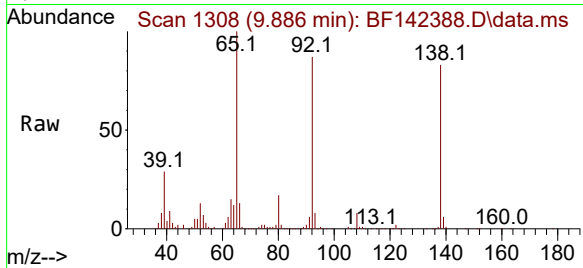




#53
3-Nitroaniline
Concen: 25.872 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

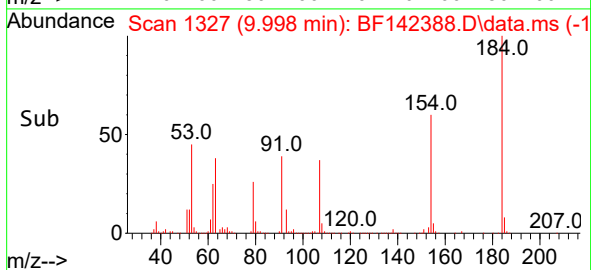
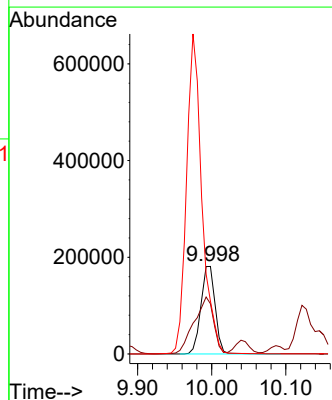
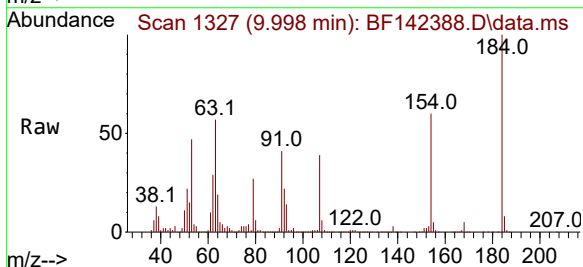
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

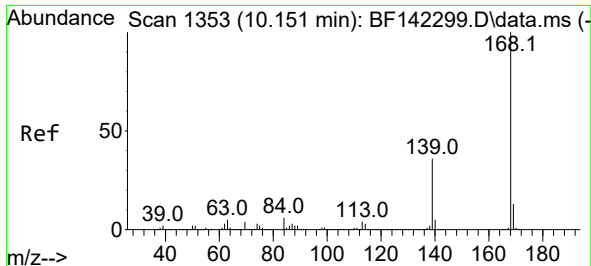
Tgt Ion:138 Resp: 127310
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 105.7 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 107.582 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:184 Resp: 242565
Ion Ratio Lower Upper
184 100
63 57.4 70.6 105.8#
154 60.3 257.2 385.8#

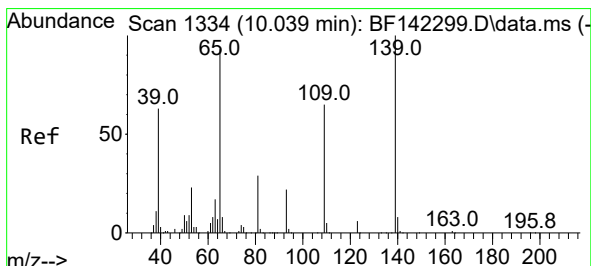
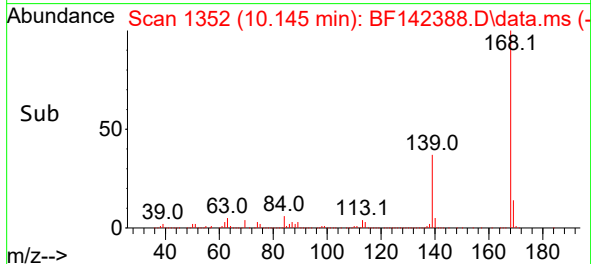
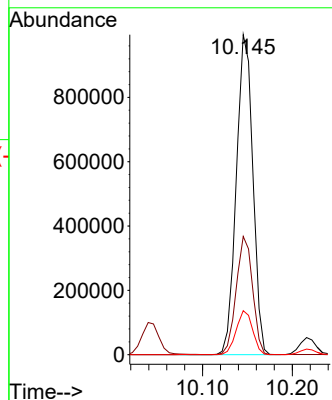
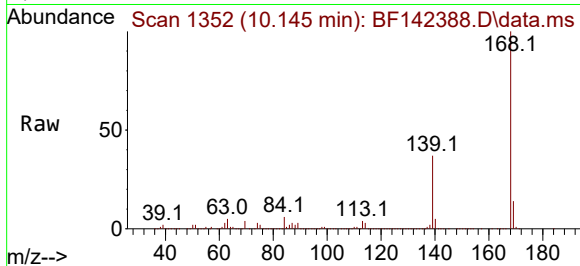




#55
Dibenzofuran
Concen: 43.106 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

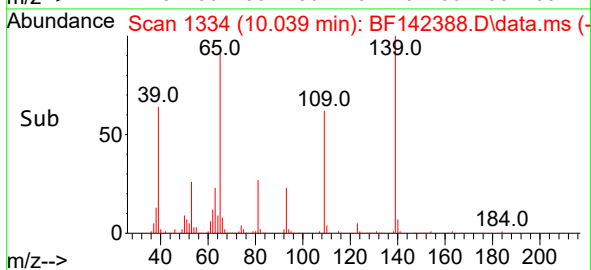
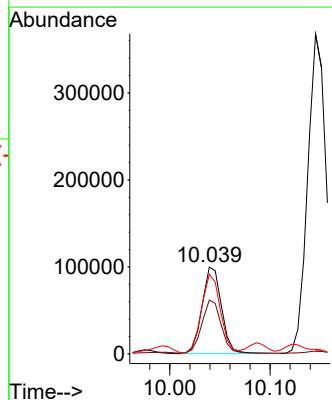
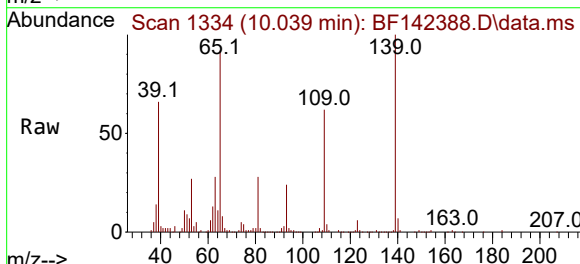
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

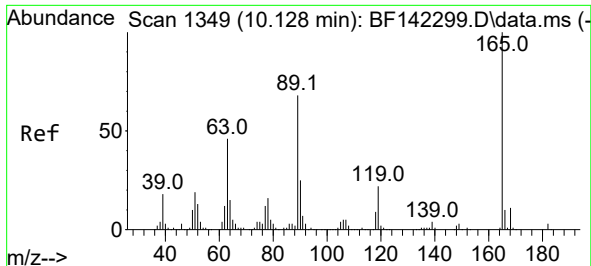
Tgt Ion:168 Resp: 1273696
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.4
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 36.240 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:139 Resp: 134214
Ion Ratio Lower Upper
139 100
109 62.2 45.3 85.3
65 91.8 73.9 113.9

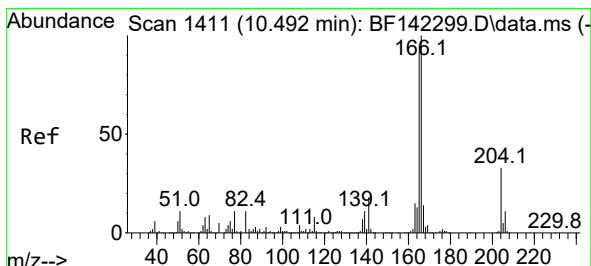
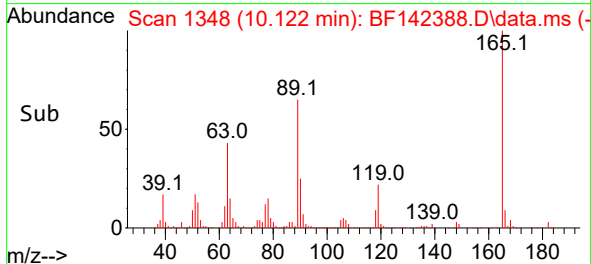
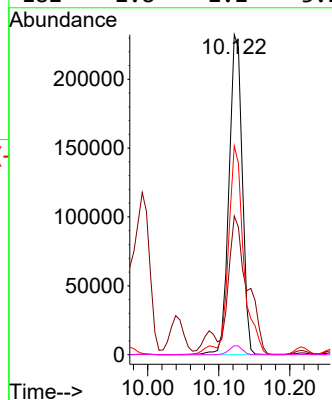
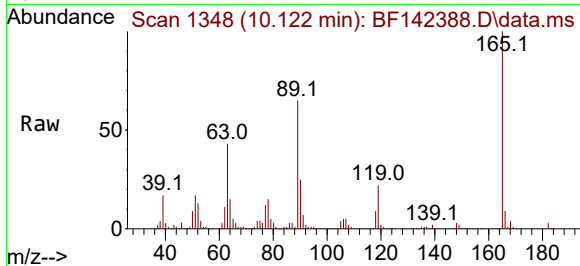




#57
2,4-Dinitrotoluene
Concen: 55.899 ng
RT: 10.122 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

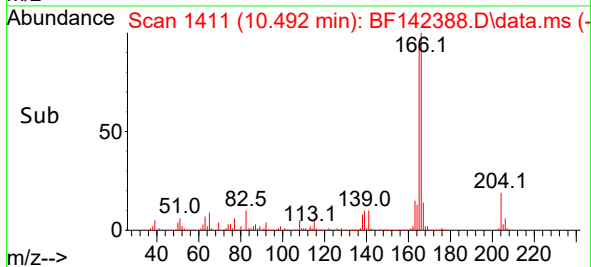
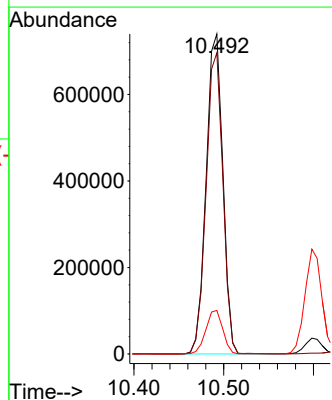
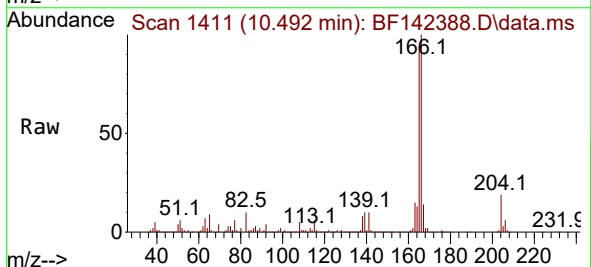
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

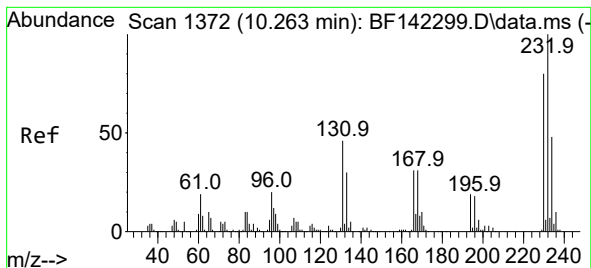
Tgt Ion:165 Resp: 300847
Ion Ratio Lower Upper
165 100
63 43.3 37.1 55.7
89 65.2 54.4 81.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.489 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:166 Resp: 958116
Ion Ratio Lower Upper
166 100
165 94.1 74.0 111.0
167 13.6 10.9 16.3

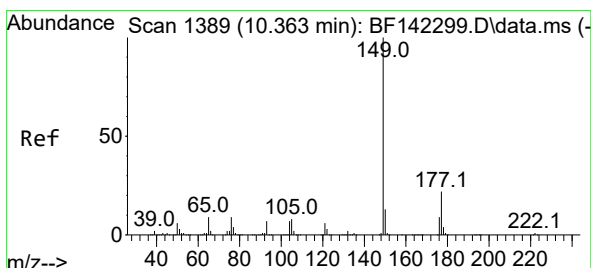
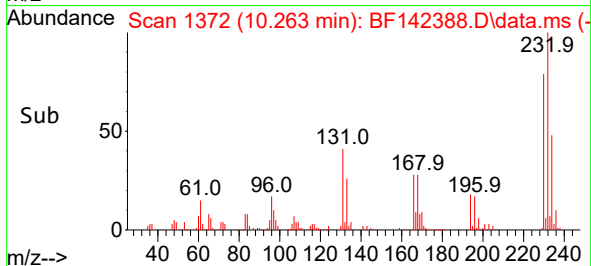
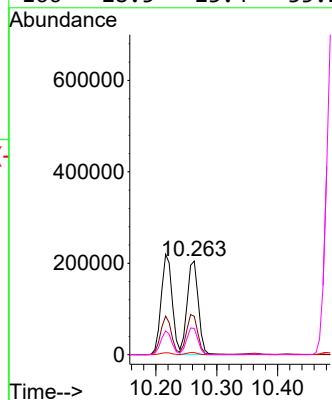
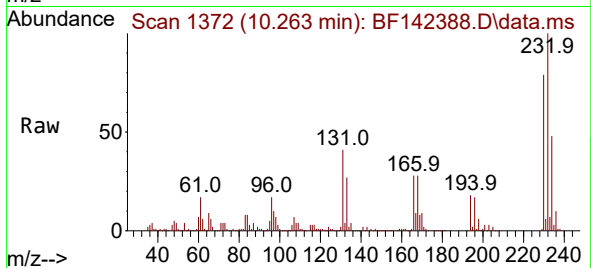




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.631 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

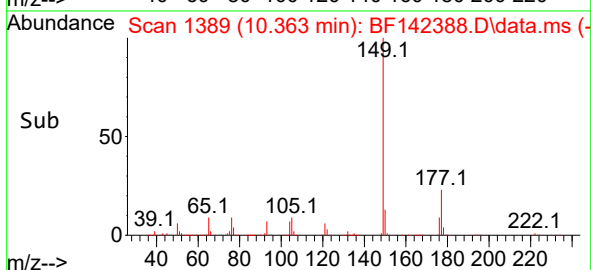
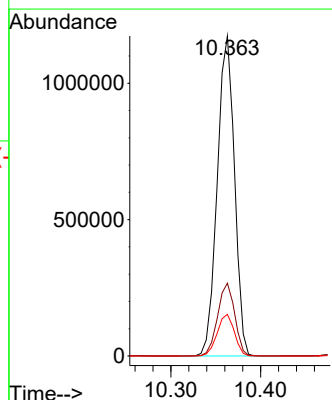
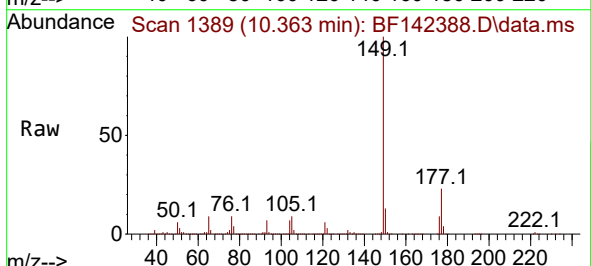
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

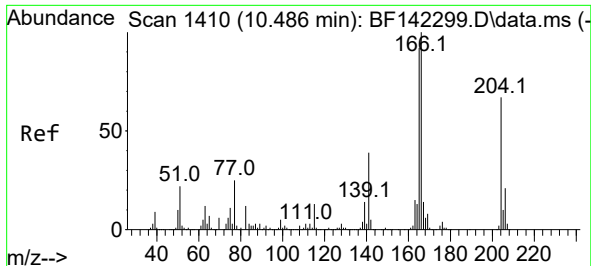
Tgt Ion:232 Resp: 262685
Ion Ratio Lower Upper
232 100
131 42.1 36.0 54.0
130 2.4 1.8 2.6
166 28.5 23.4 35.2



#60
Diethylphthalate
Concen: 69.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 1563487
Ion Ratio Lower Upper
149 100
177 22.7 17.6 26.4
150 13.0 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 44.510 ng

RT: 10.481 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

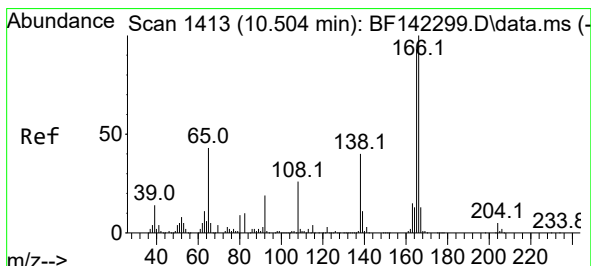
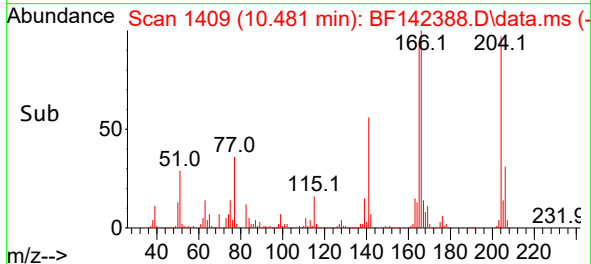
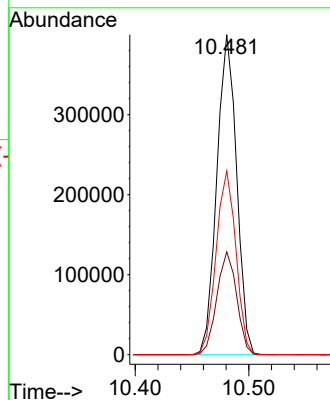
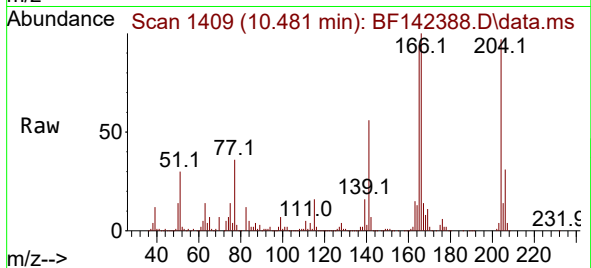
Tgt Ion:204 Resp: 484239

Ion Ratio Lower Upper

204 100

206 32.2 25.5 38.3

141 57.4 46.4 69.6



#62

4-Nitroaniline

Concen: 48.759 ng

RT: 10.504 min Scan# 1413

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

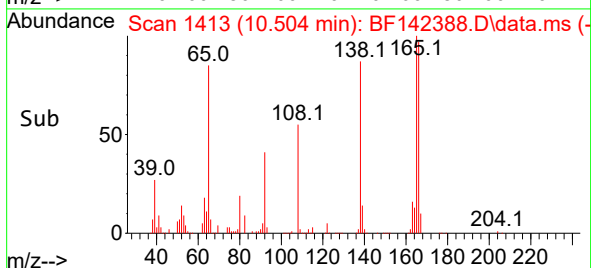
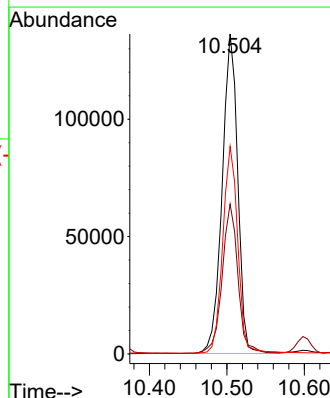
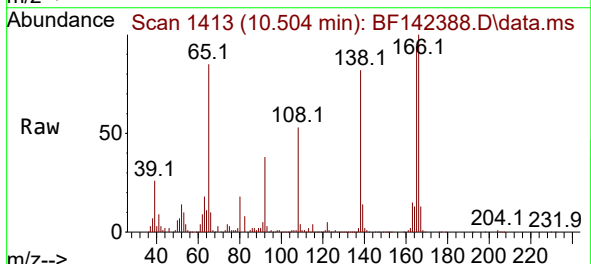
Tgt Ion:138 Resp: 190164

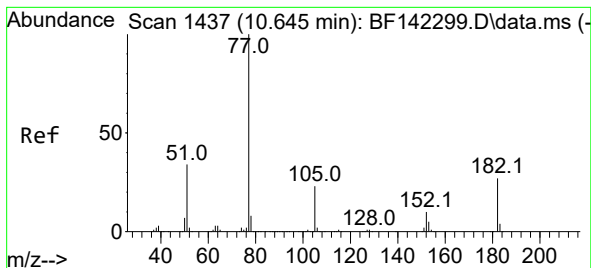
Ion Ratio Lower Upper

138 100

92 46.9 27.3 67.3

108 64.8 45.1 85.1





#63

Azobenzene

Concen: 43.974 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 77 Resp: 940653

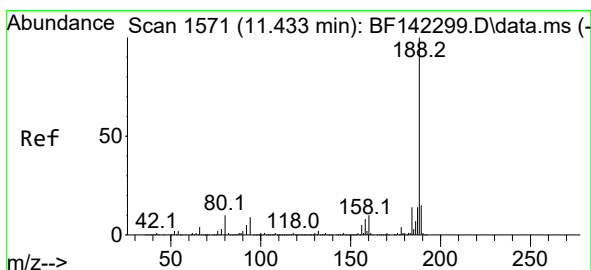
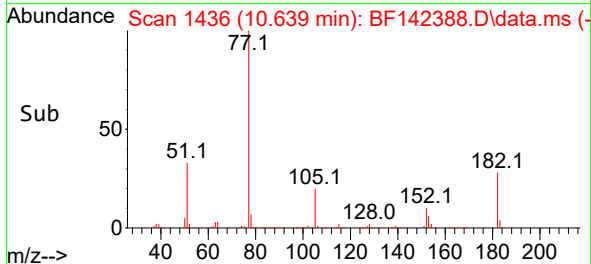
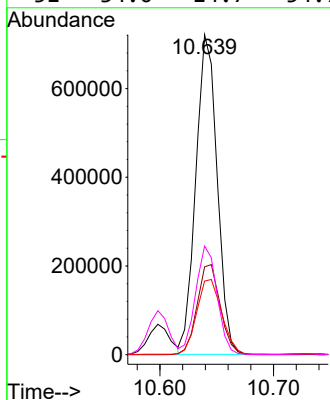
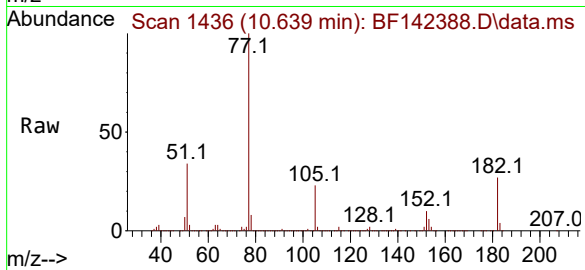
Ion Ratio Lower Upper

77 100

182 27.5 6.9 46.9

105 23.0 2.7 42.7

51 34.0 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

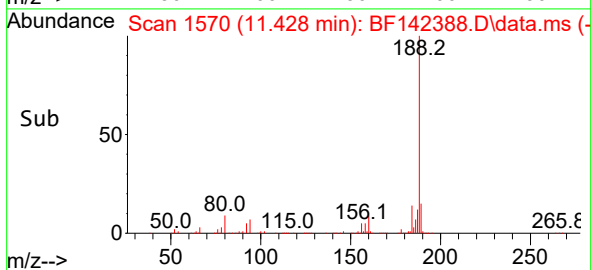
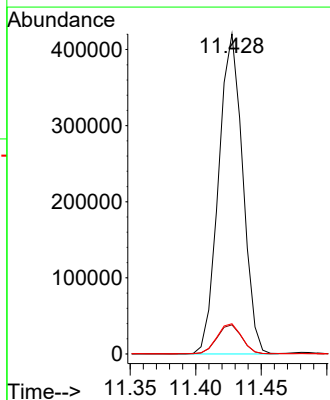
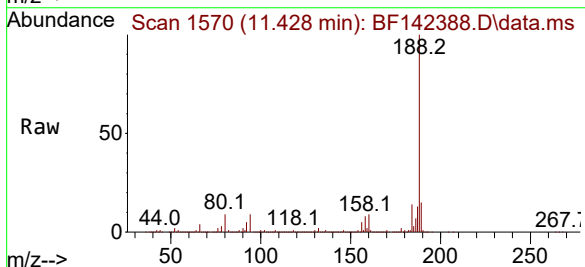
Tgt Ion:188 Resp: 537648

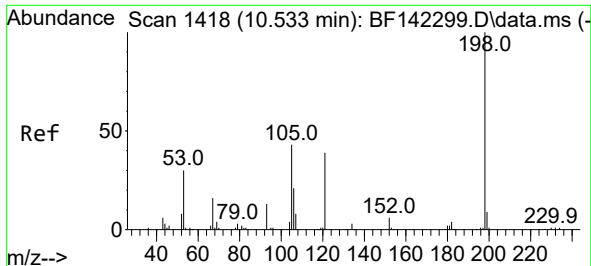
Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.5 7.9 11.9

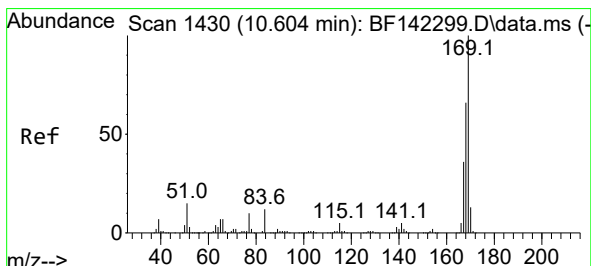
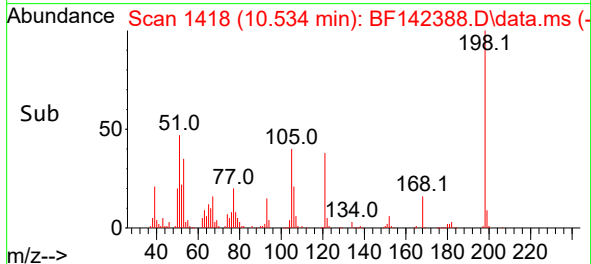
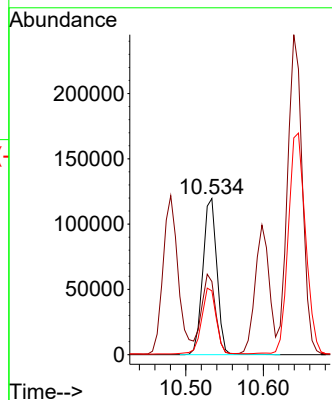
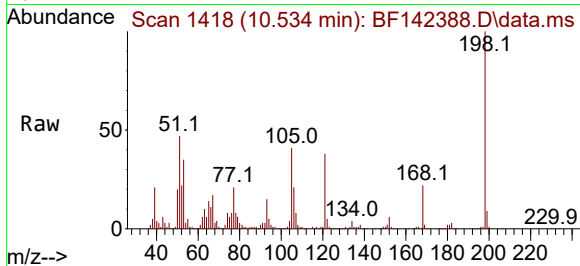




#65
4,6-Dinitro-2-methylphenol
Concen: 58.228 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.001 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

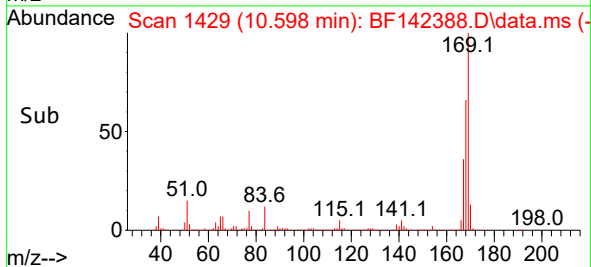
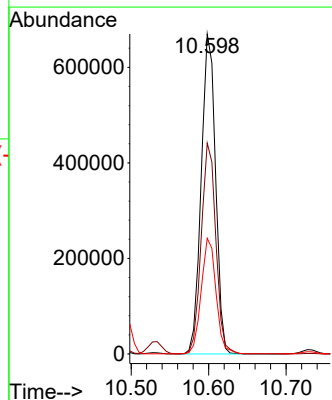
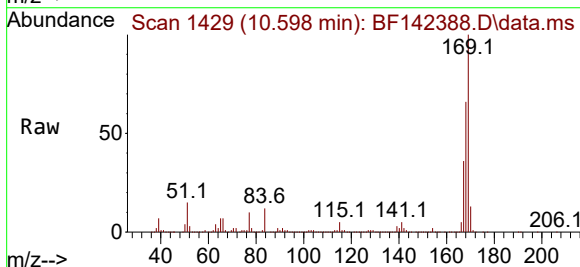
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

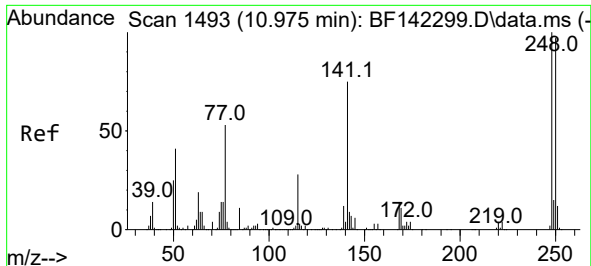
Tgt Ion:198 Resp: 150445
Ion Ratio Lower Upper
198 100
51 46.9 32.9 72.9
105 40.9 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 48.029 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:169 Resp: 859278
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.2 28.9 43.3

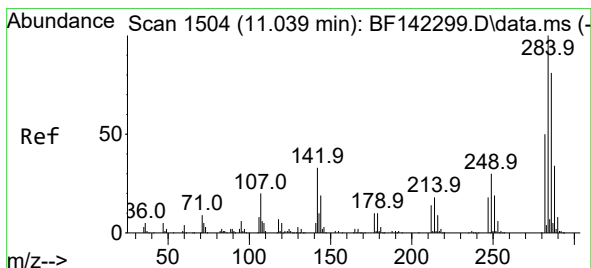
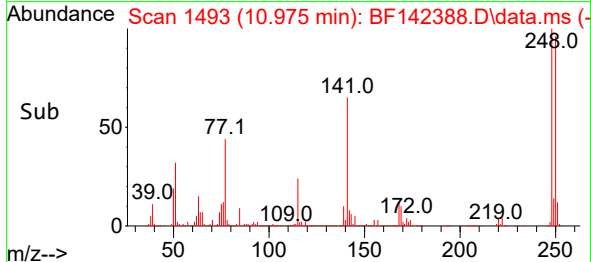
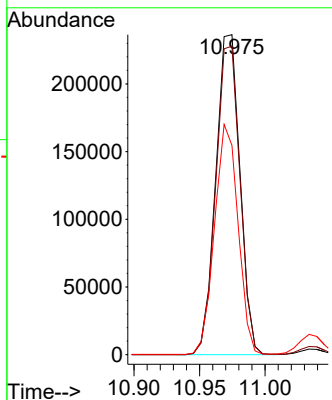
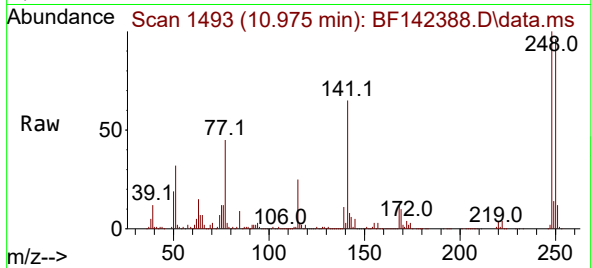




#67
4-Bromophenyl-phenylether
Concen: 49.904 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

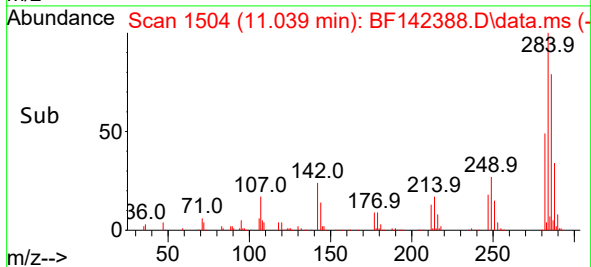
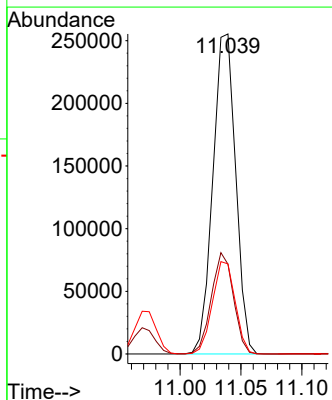
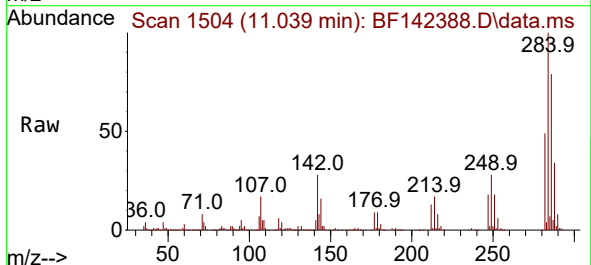
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

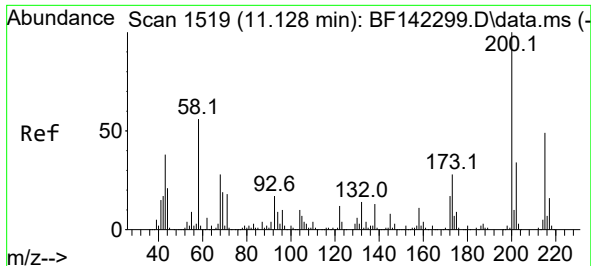
Tgt Ion:248 Resp: 304081
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 65.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 49.725 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:284 Resp: 333282
Ion Ratio Lower Upper
284 100
142 28.1 26.6 39.8
249 28.2 24.1 36.1

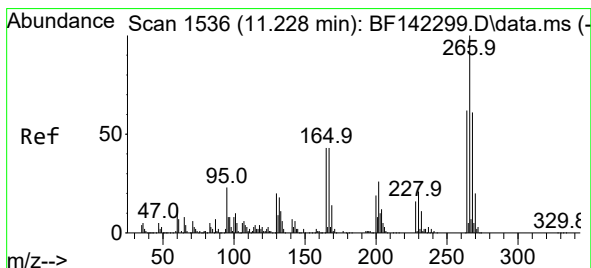
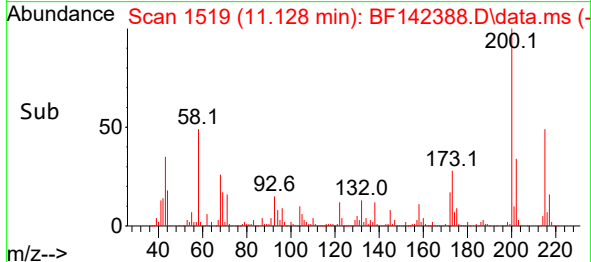
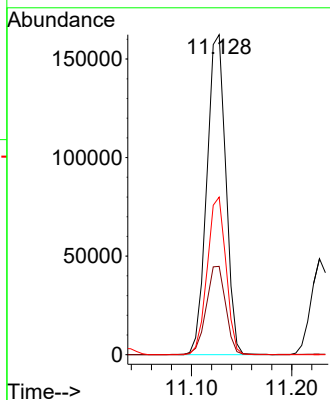
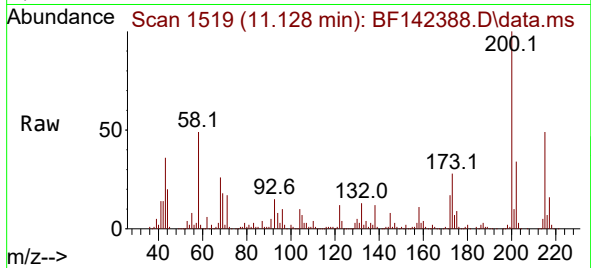




#69
 Atrazine
 Concen: 45.223 ng
 RT: 11.128 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

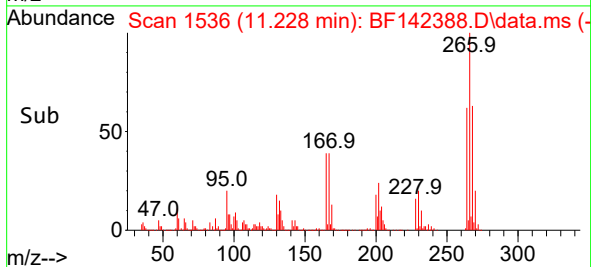
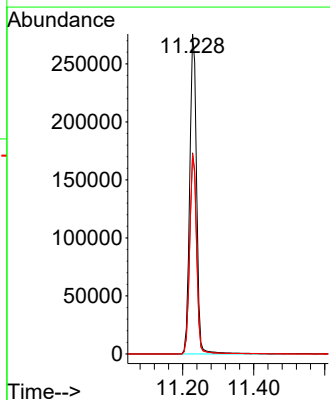
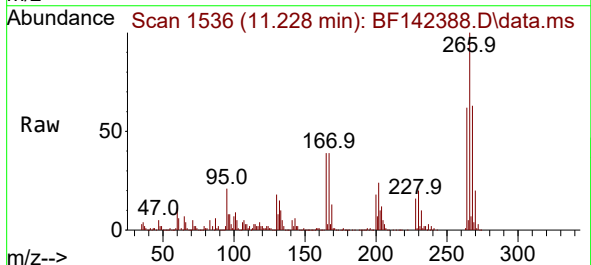
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

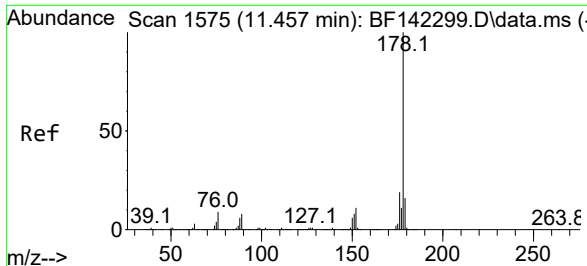
Tgt Ion:200 Resp: 213276
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.1 48.1
 215 49.2 28.8 68.8



#70
 Pentachlorophenol
 Concen: 105.447 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

Tgt Ion:266 Resp: 371808
 Ion Ratio Lower Upper
 266 100
 268 62.9 48.7 73.1
 264 62.3 49.8 74.6

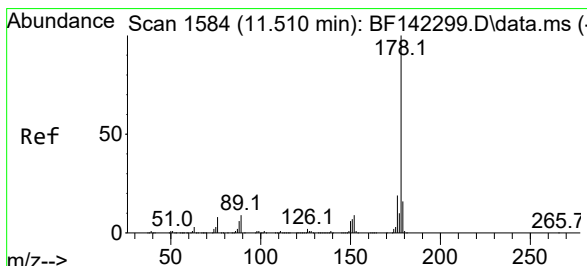
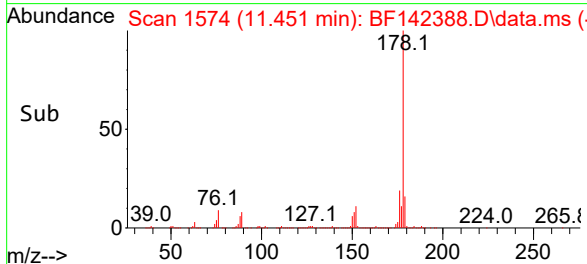
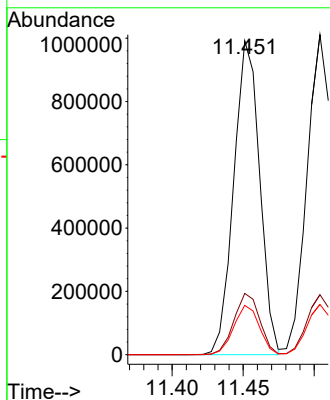
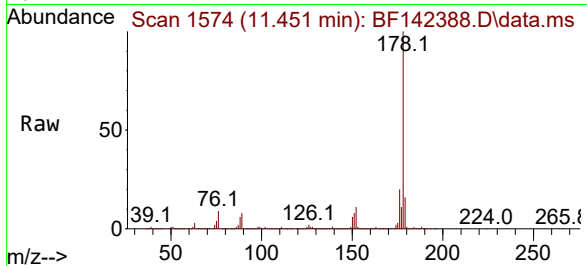




#71
Phenanthrene
Concen: 44.657 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

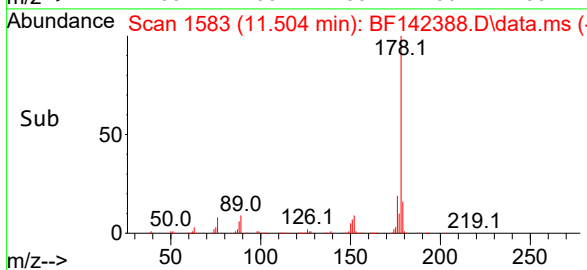
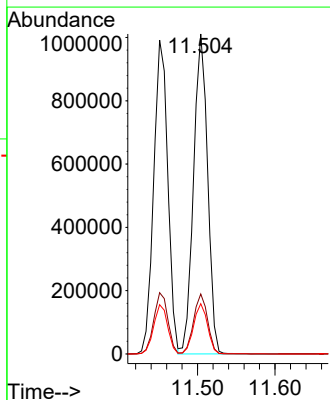
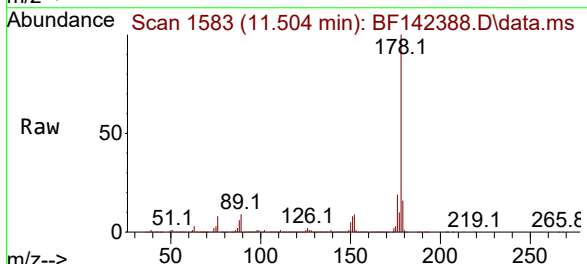
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

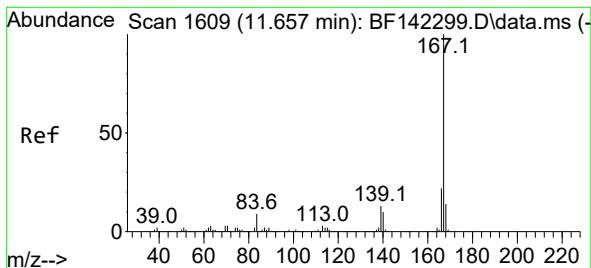
Tgt Ion:178 Resp: 1258546
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.6 18.8



#72
Anthracene
Concen: 43.873 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:178 Resp: 1270435
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.382 ng

RT: 11.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

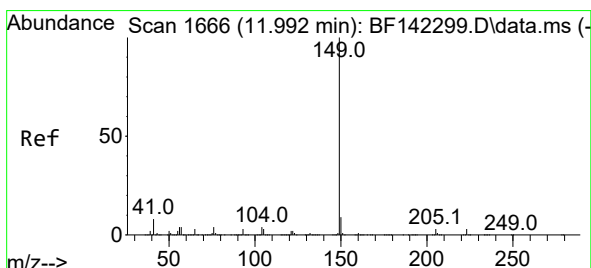
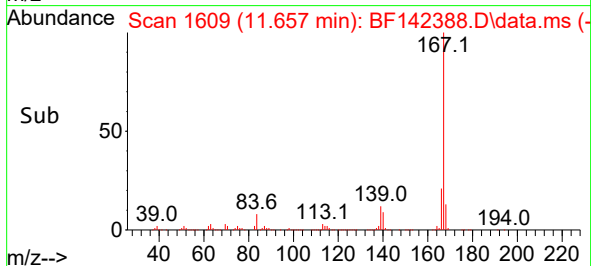
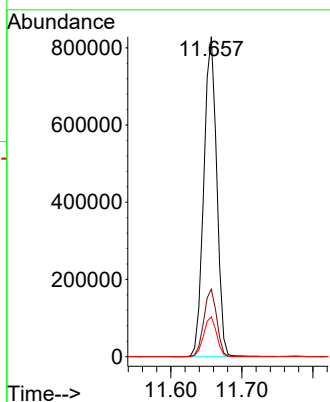
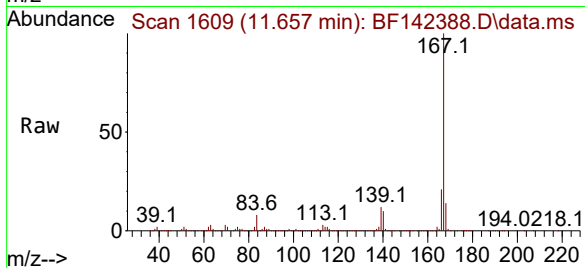
Tgt Ion:167 Resp: 1049104

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.356 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

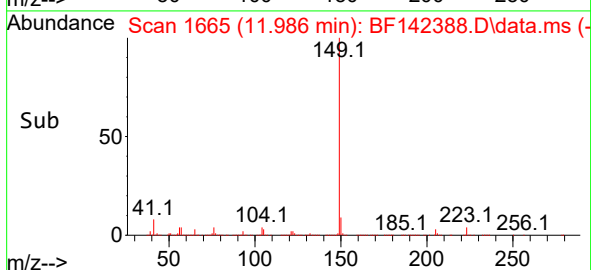
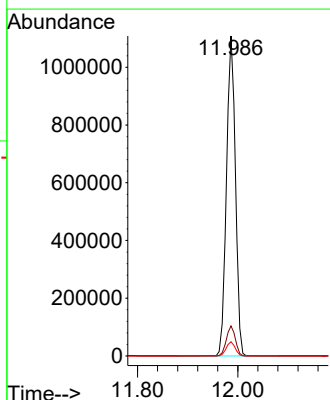
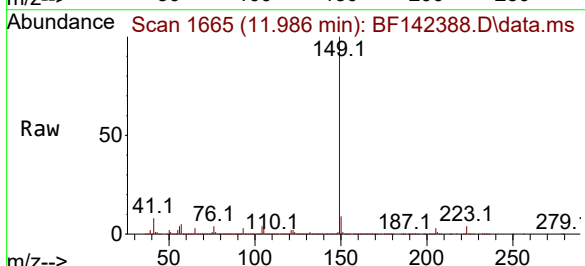
Tgt Ion:149 Resp: 1375619

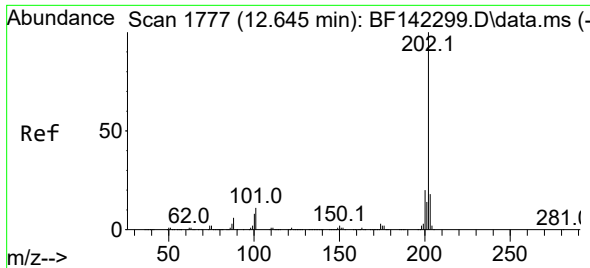
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.4 3.6 5.4

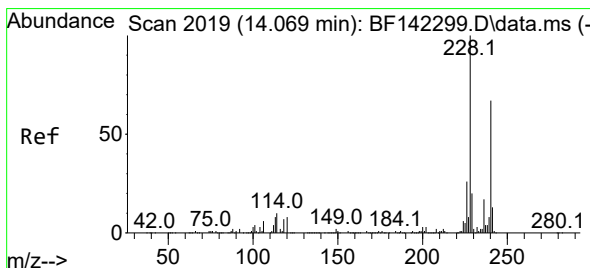
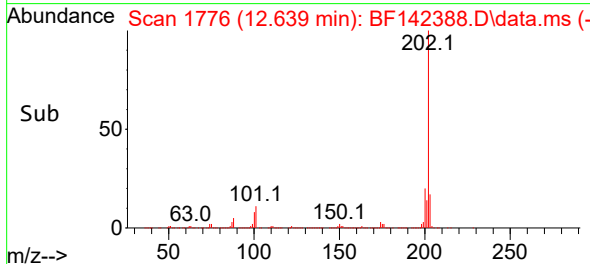
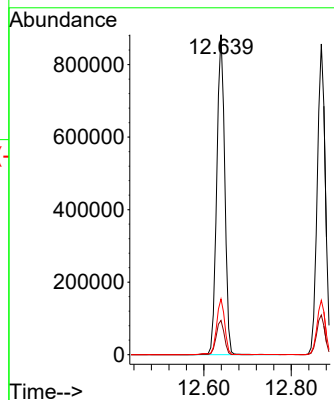
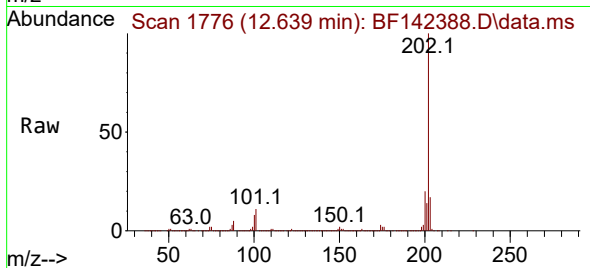




#75
Fluoranthene
Concen: 39.823 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

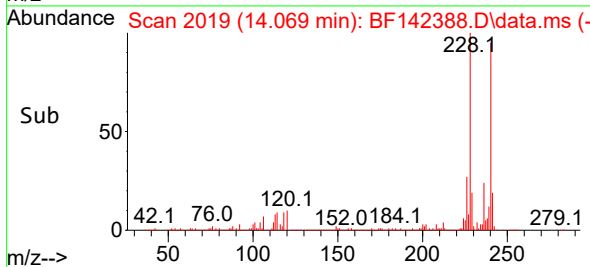
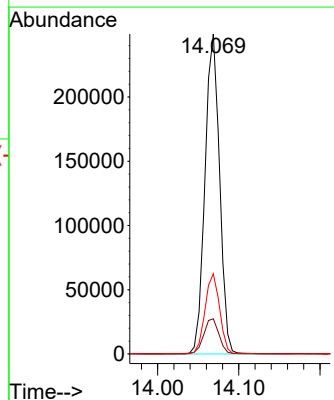
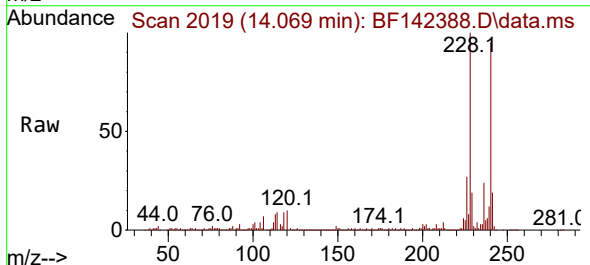
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

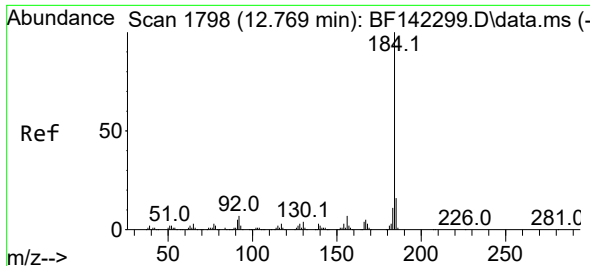
Tgt Ion:202 Resp: 1121887
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:240 Resp: 310239
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.1 20.0 30.0

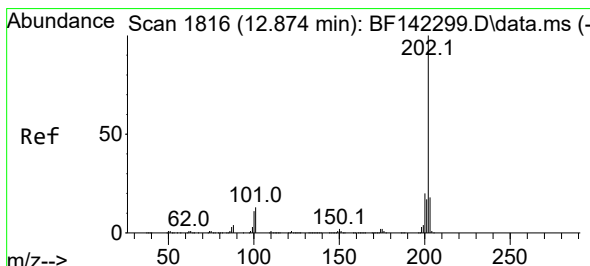
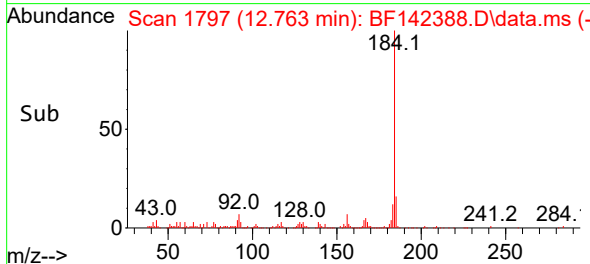
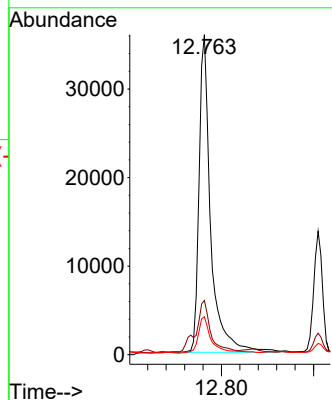
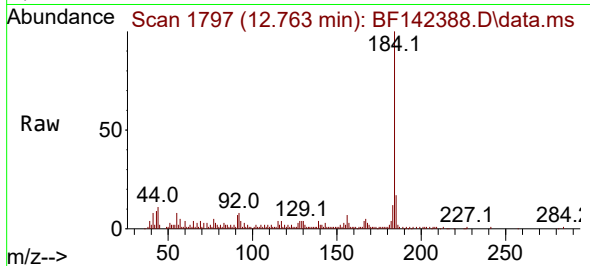




#77
Benzidine
Concen: 11.140 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

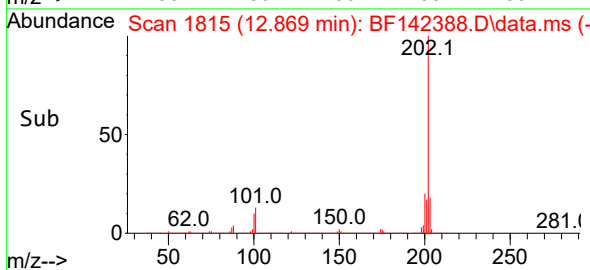
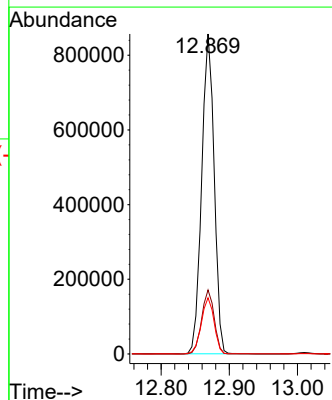
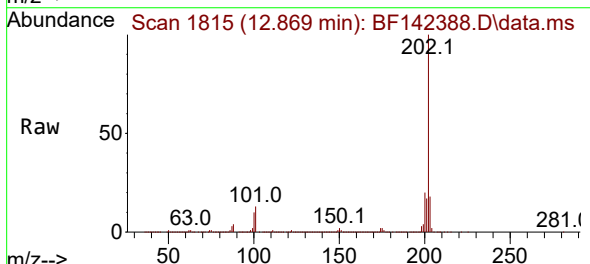
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

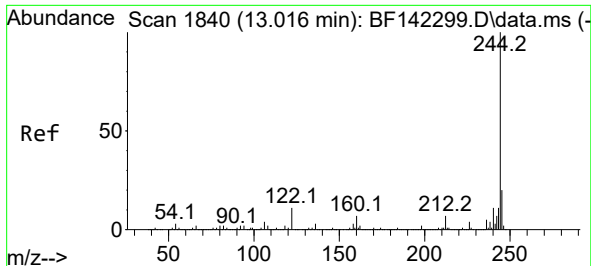
Tgt Ion:184 Resp: 62808
Ion Ratio Lower Upper
184 100
185 17.0 12.6 18.8
183 11.9 8.6 12.8



#78
Pyrene
Concen: 39.416 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:202 Resp: 1088440
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.4
203 17.5 14.3 21.5

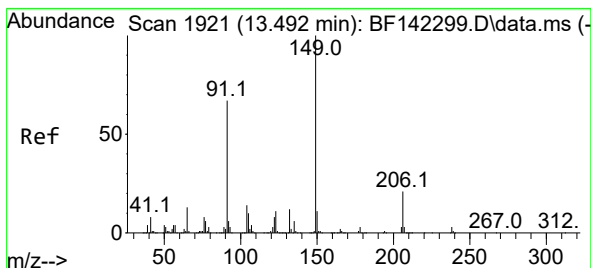
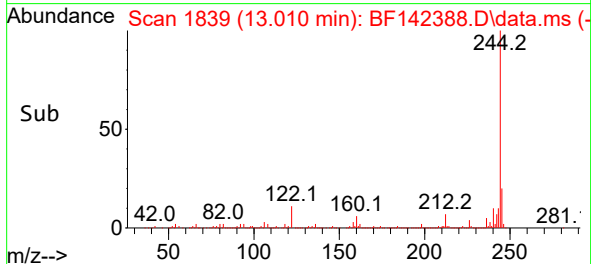
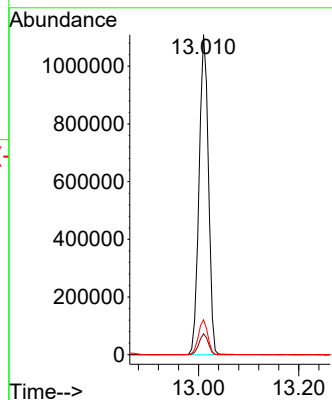
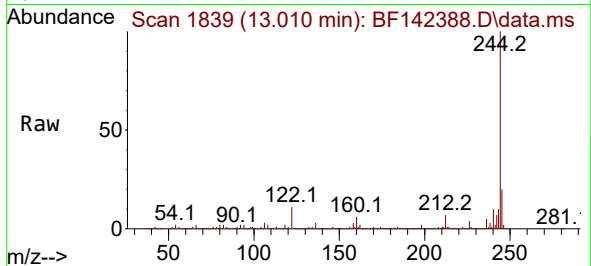




#79
 Terphenyl-d14
 Concen: 68.221 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

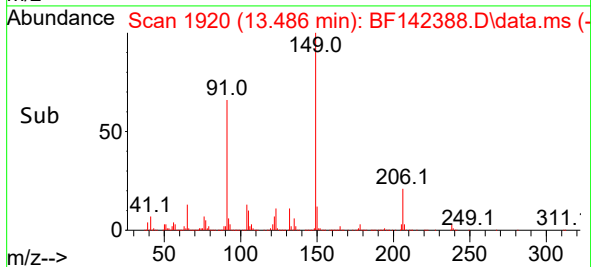
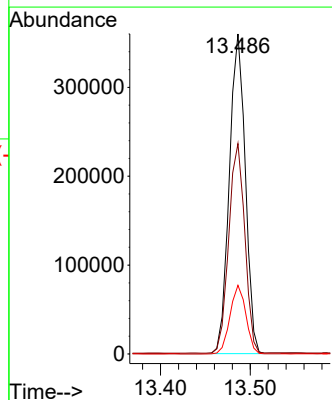
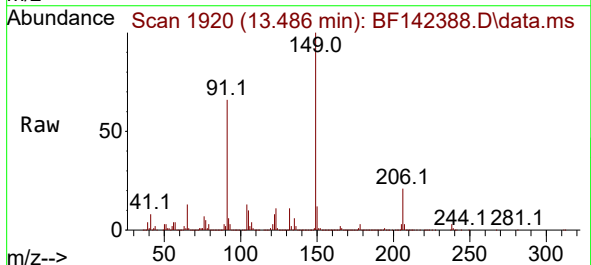
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

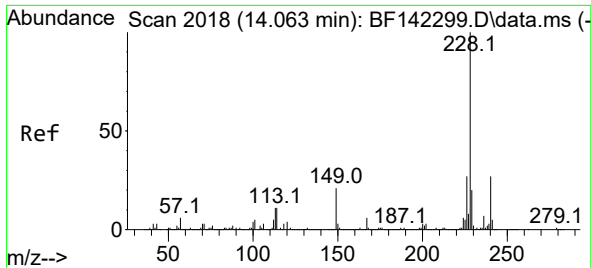
Tgt Ion:244 Resp: 1429949
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 54.564 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142388.D
 Acq: 15 May 2025 12:18

Tgt Ion:149 Resp: 444086
 Ion Ratio Lower Upper
 149 100
 91 65.8 53.8 80.6
 206 21.4 16.6 24.8

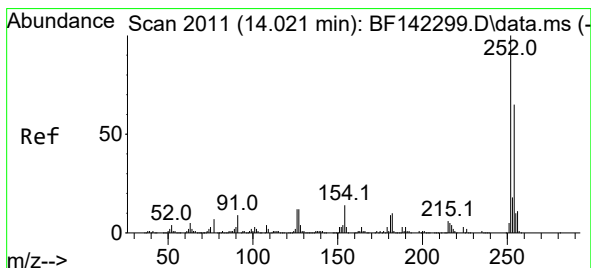
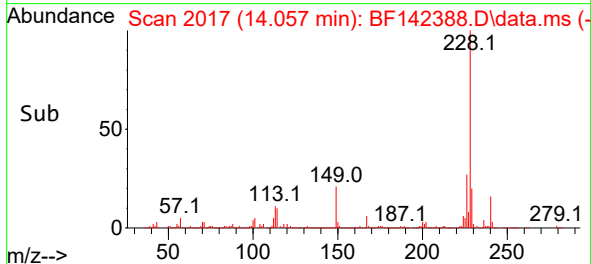
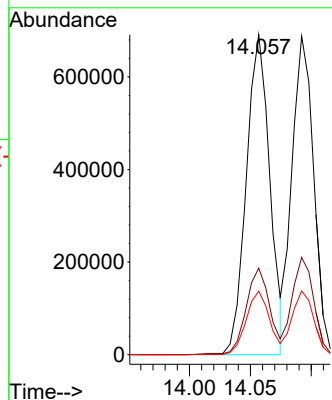
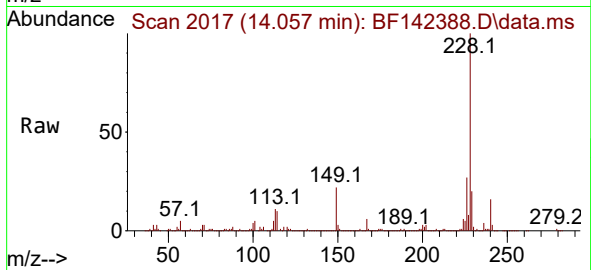




#81
Benzo(a)anthracene
Concen: 46.232 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

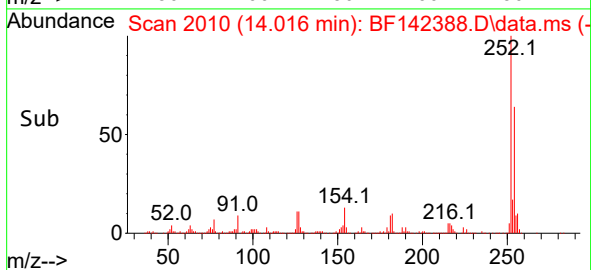
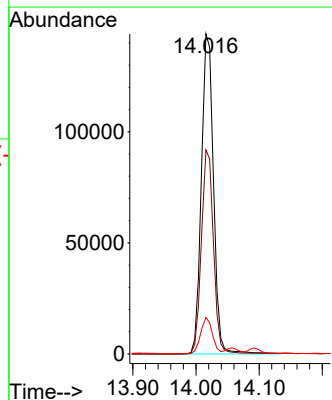
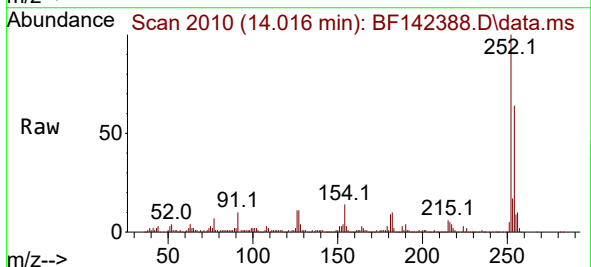
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

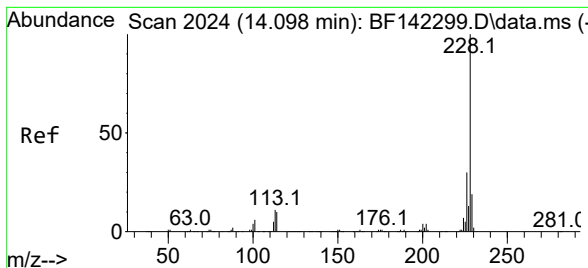
Tgt Ion:228 Resp: 928873
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 41.159 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 192303
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 11.4 9.7 14.5





#83

Chrysene

Concen: 45.552 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

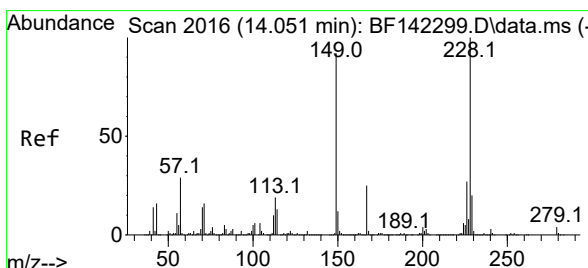
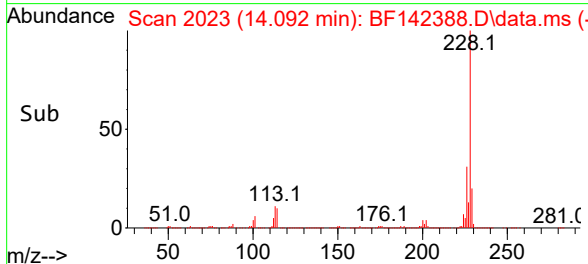
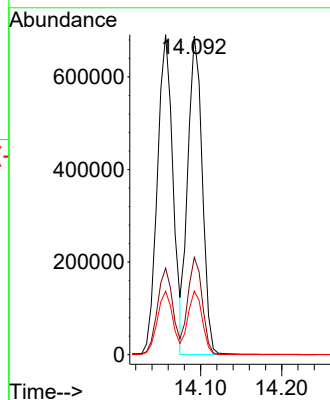
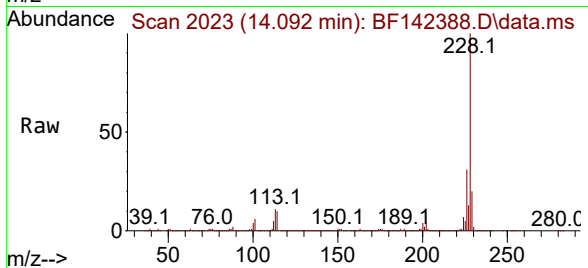
Tgt Ion:228 Resp: 851984

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.725 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

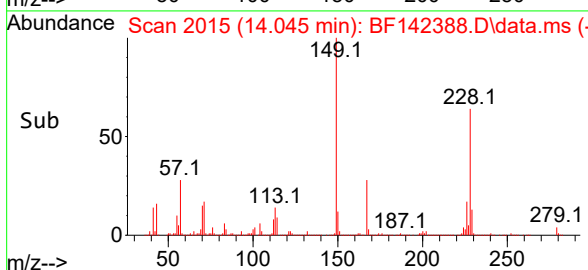
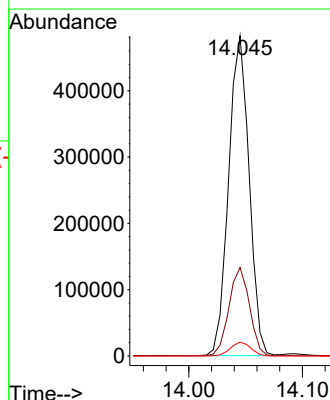
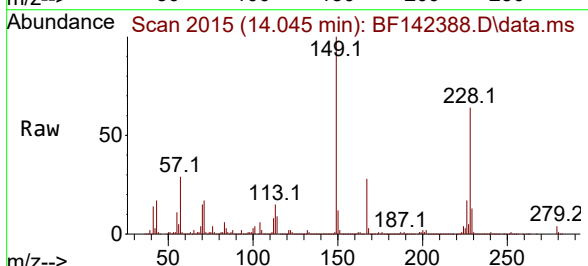
Tgt Ion:149 Resp: 604179

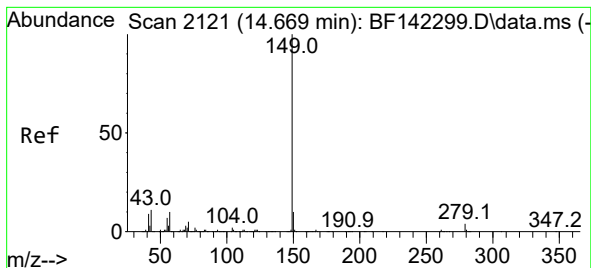
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 55.501 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

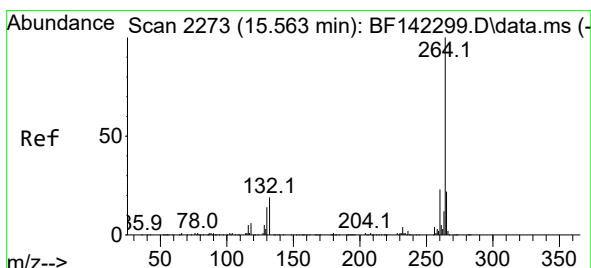
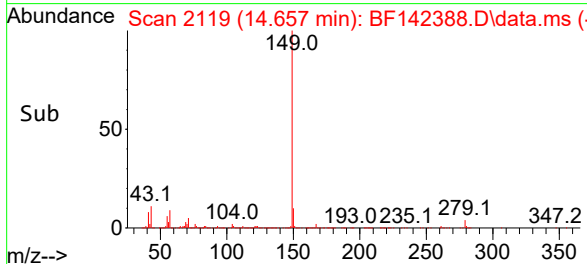
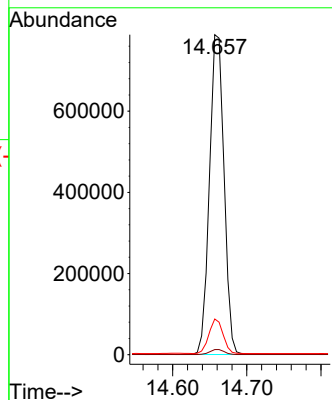
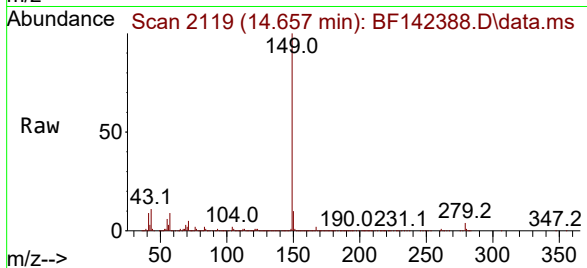
Tgt Ion:149 Resp: 1077874

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142388.D

Acq: 15 May 2025 12:18

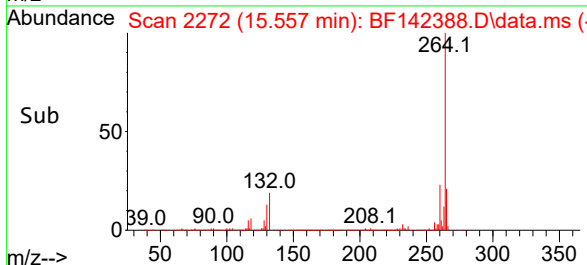
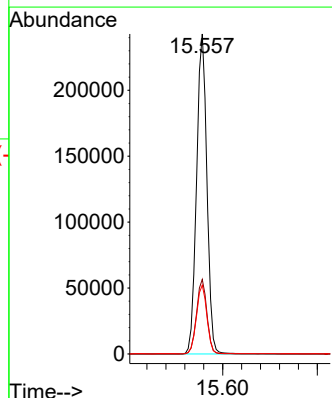
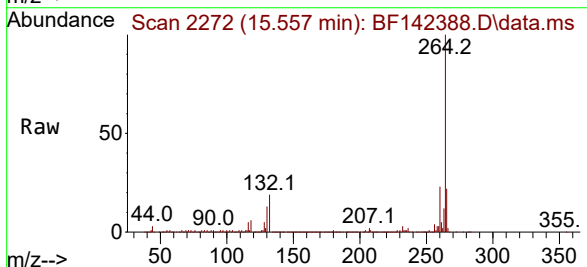
Tgt Ion:264 Resp: 367976

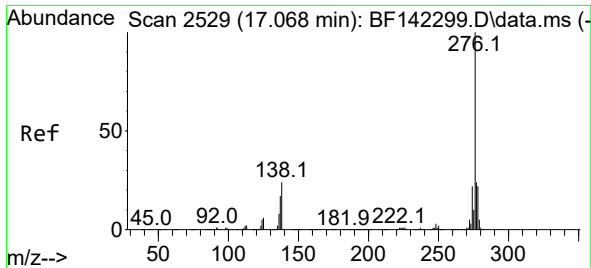
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.5 17.5 26.3

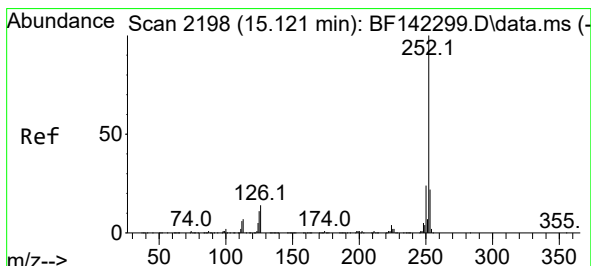
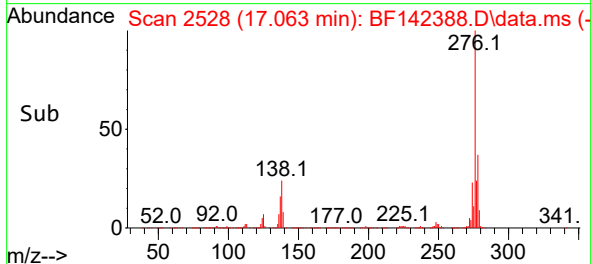
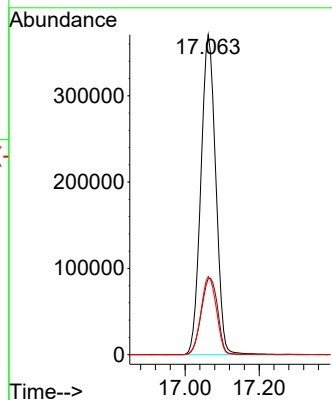
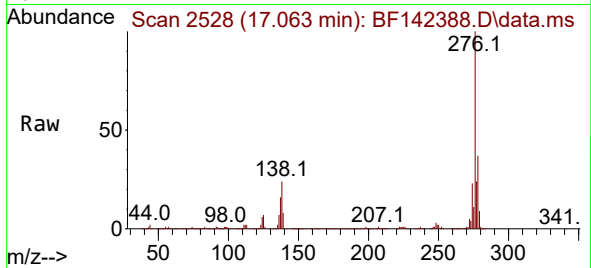




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.337 ng
RT: 17.063 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

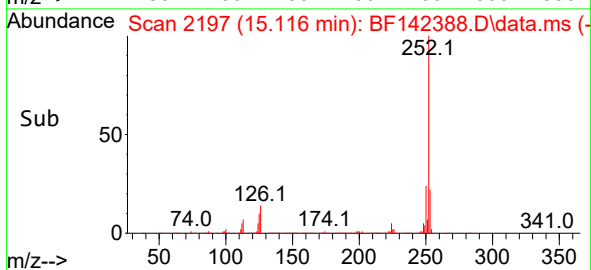
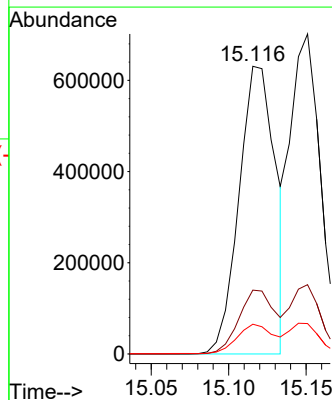
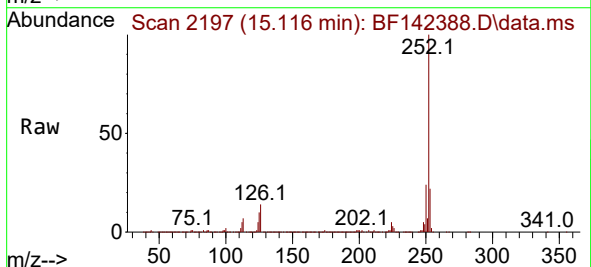
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

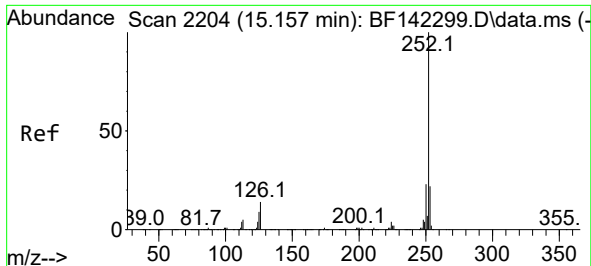
Tgt Ion:276 Resp: 1032531
Ion Ratio Lower Upper
276 100
138 26.2 22.0 33.0
277 25.5 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 46.356 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 1033127
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.3 8.7 13.1

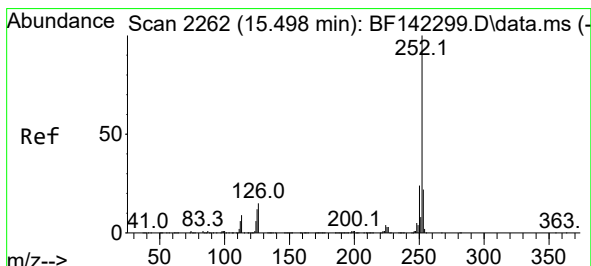
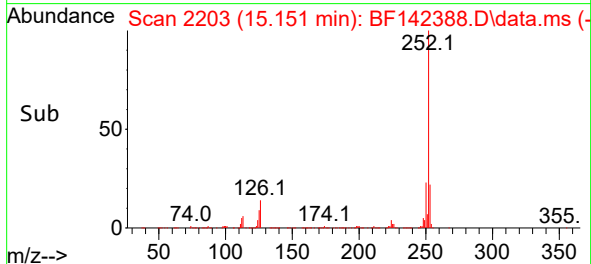
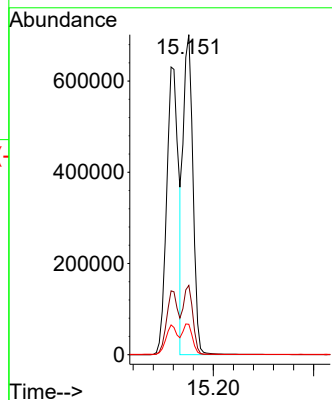
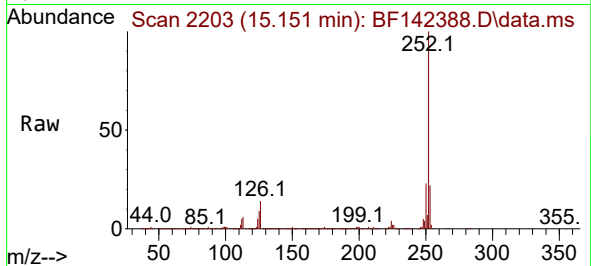




#89
Benzo(k)fluoranthene
Concen: 46.383 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

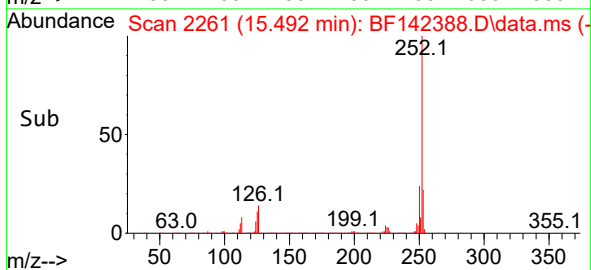
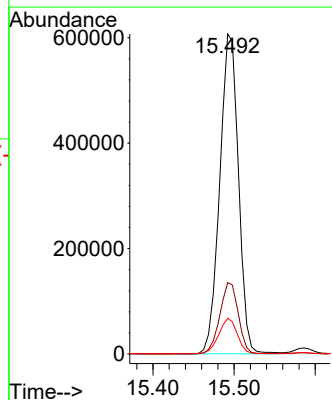
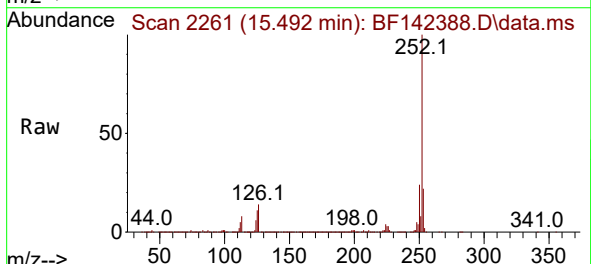
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

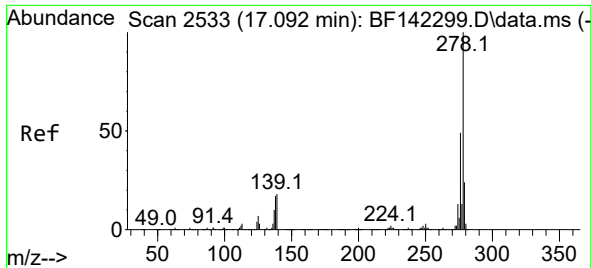
Tgt Ion:252 Resp: 946000
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.5 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.786 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:252 Resp: 974319
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.1 9.4 14.0

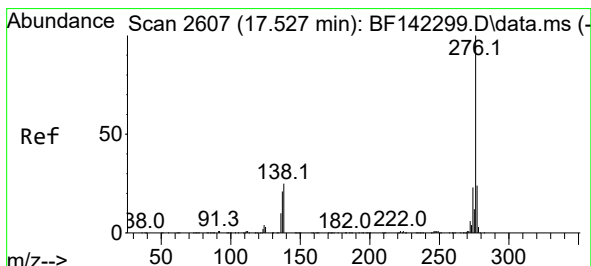
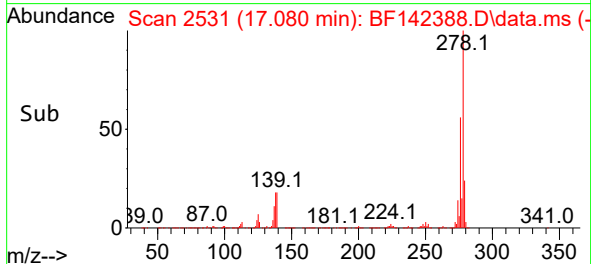
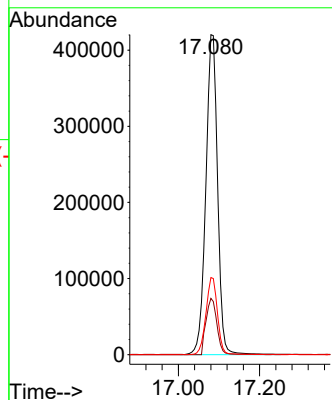
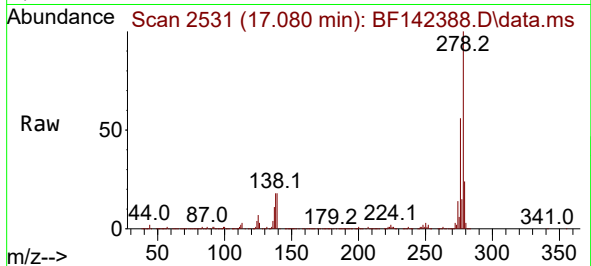




#91
Dibenzo(a,h)anthracene
Concen: 39.856 ng
RT: 17.080 min Scan# 2533
Delta R.T. -0.012 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:278 Resp: 842856
Ion Ratio Lower Upper
278 100
139 17.6 14.5 21.7
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 37.682 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142388.D
Acq: 15 May 2025 12:18

Tgt Ion:276 Resp: 790907
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 22.4 19.8 29.6

