

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142389.D
 Acq On : 15 May 2025 12:47
 Operator : RC/JU
 Sample : Q1993-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MSD

Quant Time: May 15 13:30:08 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	172657	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	662026	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	357440	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	546787	20.000	ng	0.00
76) Chrysene-d12	14.068	240	314221	20.000	ng	0.00
86) Perylene-d12	15.557	264	374057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	679597	67.192	ng	0.00
7) Phenol-d6	6.522	99	545778	43.874	ng	0.00
23) Nitrobenzene-d5	7.469	82	981708	90.437	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	496952	144.002	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1972111	78.670	ng	0.00
79) Terphenyl-d14	13.010	244	1560715	73.516	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	83098	18.245	ng	98
3) Pyridine	3.493	79	193764	18.120	ng	97
4) n-Nitrosodimethylamine	3.434	42	124182	19.981	ng	96
6) Aniline	6.563	93	429774	35.223	ng	99
8) 2-Chlorophenol	6.687	128	429490	39.738	ng	97
9) Benzaldehyde	6.451	77	259230	35.605	ng	100
10) Phenol	6.534	94	239943	18.197	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	465560	35.803	ng	97
12) 1,3-Dichlorobenzene	6.845	146	437405	35.374	ng	98
13) 1,4-Dichlorobenzene	6.922	146	447175	36.019	ng	99
14) 1,2-Dichlorobenzene	7.075	146	440362	36.953	ng	100
15) Benzyl Alcohol	7.039	79	288653	35.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	794103	40.894	ng	99
17) 2-Methylphenol	7.151	107	298612	34.126	ng	99
18) Hexachloroethane	7.416	117	149837	36.273	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	352727	45.840	ng	97
20) 3+4-Methylphenols	7.304	107	327459	29.985	ng	# 67
22) Acetophenone	7.310	105	662853	45.031	ng	99
24) Nitrobenzene	7.487	77	494951	48.371	ng	96
25) Isophorone	7.722	82	961365	46.768	ng	100
26) 2-Nitrophenol	7.798	139	278478	55.742	ng	99
27) 2,4-Dimethylphenol	7.834	122	447099	43.261	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	606692	45.900	ng	99
29) 2,4-Dichlorophenol	8.039	162	420656	47.875	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	418015	42.273	ng	99
31) Naphthalene	8.210	128	1389634	43.310	ng	100
32) Benzoic acid	7.910	122	100050	23.298	ng	98
33) 4-Chloroaniline	8.251	127	254426m	19.433	ng	
34) Hexachlorobutadiene	8.322	225	243324	41.556	ng	99
35) Caprolactam	8.622	113	24538m	9.582	ng	
36) 4-Chloro-3-methylphenol	8.722	107	398461	43.626	ng	99
37) 2-Methylnaphthalene	8.898	142	897809	45.031	ng	100
38) 1-Methylnaphthalene	8.998	142	928360	44.675	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	448092	44.886	ng	99
41) Hexachlorocyclopentadiene	9.051	237	529316	85.793	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	334881	53.182	ng	99

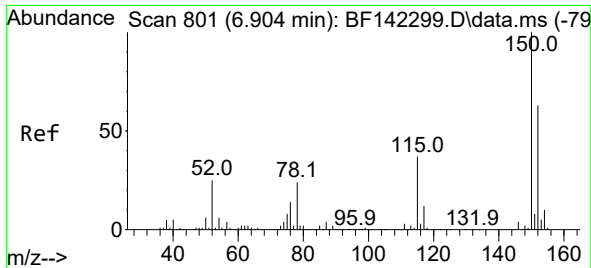
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 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	324822	48.481	ng	98
46) 1,1'-Biphenyl	9.363	154	1234418	45.041	ng	99
47) 2-Chloronaphthalene	9.386	162	917216	45.002	ng	99
48) 2-Nitroaniline	9.480	65	282636	54.101	ng	93
49) Acenaphthylene	9.804	152	1533127	44.966	ng	100
50) Dimethylphthalate	9.663	163	1109141	48.324	ng	100
51) 2,6-Dinitrotoluene	9.722	165	244138	56.826	ng	91
52) Acenaphthene	9.975	154	1043039	50.877	ng	100
53) 3-Nitroaniline	9.886	138	130415	25.883	ng	98
54) 2,4-Dinitrophenol	9.998	184	265247	114.370	ng	# 1
55) Dibenzofuran	10.145	168	1352552	44.704	ng	99
56) 4-Nitrophenol	10.045	139	143679	37.888	ng	95
57) 2,4-Dinitrotoluene	10.128	165	321887	58.409	ng	94
58) Fluorene	10.492	166	1019788	44.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	281314	50.862	ng	97
60) Diethylphthalate	10.363	149	1662268	72.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	514546	46.190	ng	99
62) 4-Nitroaniline	10.504	138	207168	51.876	ng	100
63) Azobenzene	10.639	77	995905	45.468	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	165536	62.409	ng	96
66) n-Nitrosodiphenylamine	10.604	169	916055	50.347	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	325670	52.554	ng	95
68) Hexachlorobenzene	11.039	284	355537	52.158	ng	95
69) Atrazine	11.127	200	235144	49.027	ng	99
70) Pentachlorophenol	11.227	266	397210	110.768	ng	98
71) Phenanthrene	11.451	178	1344429	46.908	ng	100
72) Anthracene	11.504	178	1366126	46.389	ng	100
73) Carbazole	11.657	167	1133485	42.901	ng	99
74) Di-n-butylphthalate	11.986	149	1504794	54.164	ng	100
75) Fluoranthene	12.639	202	1219362	42.560	ng	99
77) Benzidine	12.763	184	82144	14.385	ng	98
78) Pyrene	12.869	202	1194024	42.691	ng	100
80) Butylbenzylphthalate	13.486	149	487221	58.801	ng	98
81) Benzo(a)anthracene	14.057	228	990604	48.680	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	202558	42.804	ng	100
83) Chrysene	14.092	228	918925	48.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	661166	60.948	ng	100
85) Di-n-octyl phthalate	14.663	149	1132929	57.300	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1062226	40.822	ng	98
88) Benzo(b)fluoranthene	15.121	252	1077537	47.563	ng	99
89) Benzo(k)fluoranthene	15.151	252	1006024	48.525	ng	100
90) Benzo(a)pyrene	15.498	252	1021358	50.310	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	868581	40.405	ng	98
92) Benzo(g,h,i)perylene	17.521	276	805852	37.770	ng	97

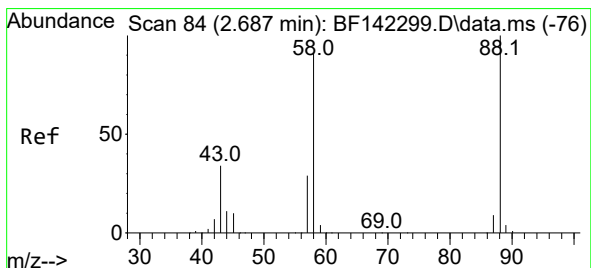
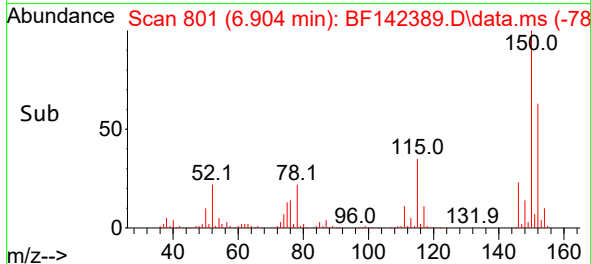
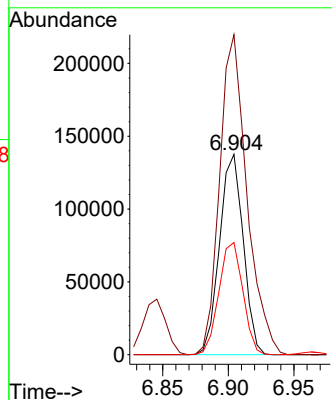
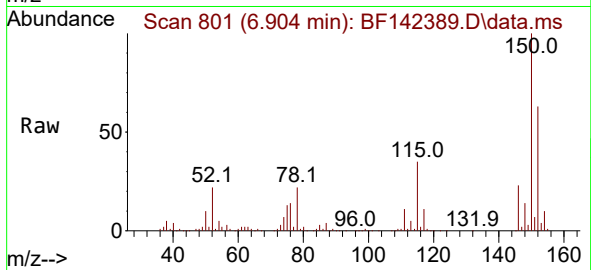
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

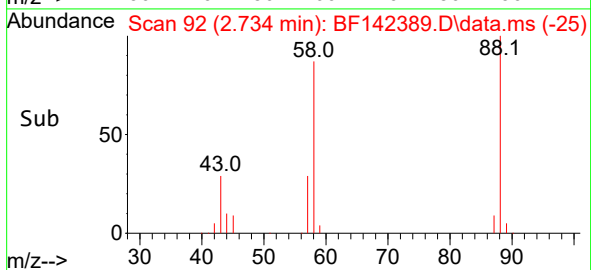
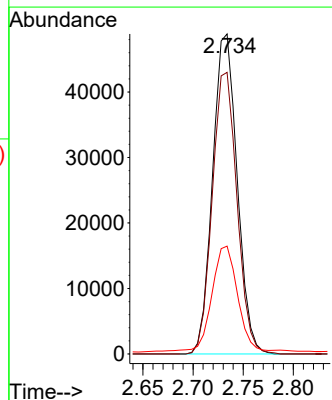
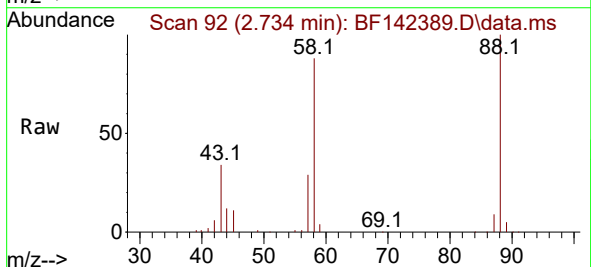
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 MW-3-20250508MSD

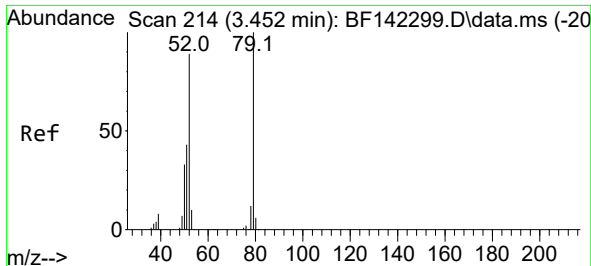
Tgt Ion:152 Resp: 172657
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.6 190.0
 115 56.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 18.245 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.047 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

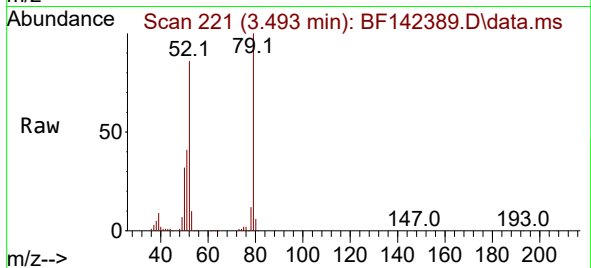
Tgt Ion: 88 Resp: 83098
 Ion Ratio Lower Upper
 88 100
 58 88.6 73.0 109.4
 43 35.5 27.8 41.6



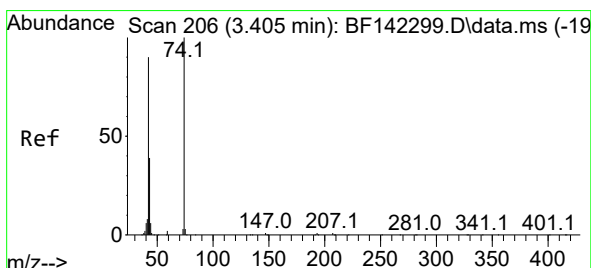
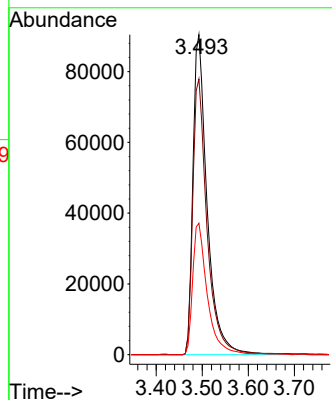
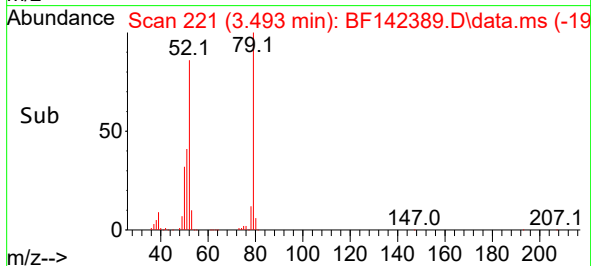


#3
Pyridine
Concen: 18.120 ng
RT: 3.493 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

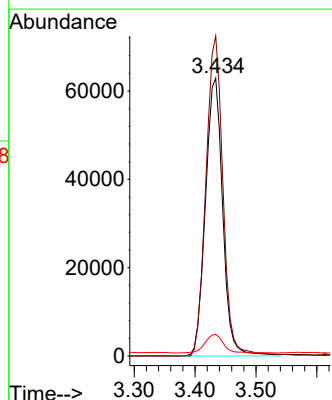
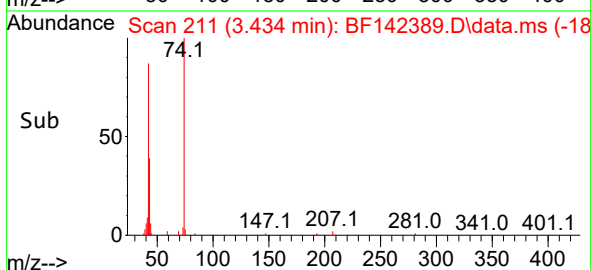
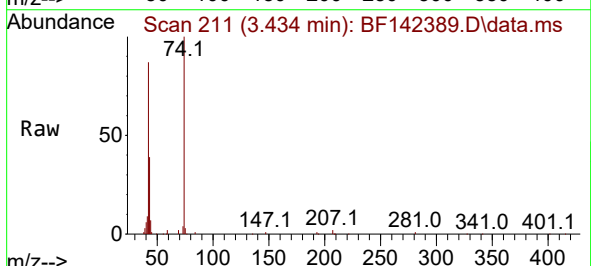


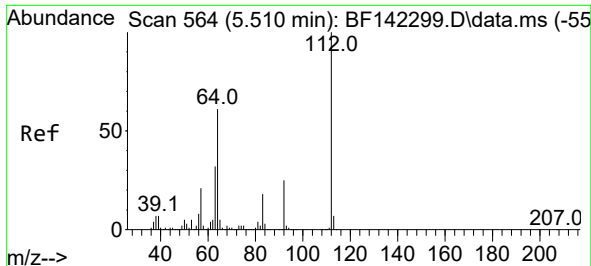
Tgt Ion: 79 Resp: 193764
Ion Ratio Lower Upper
79 100
52 86.1 71.0 106.4
51 41.1 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 19.981 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.029 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 42 Resp: 124182
Ion Ratio Lower Upper
42 100
74 115.2 88.5 132.7
44 7.8 5.8 8.8

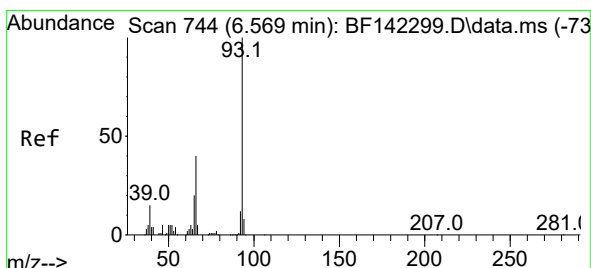
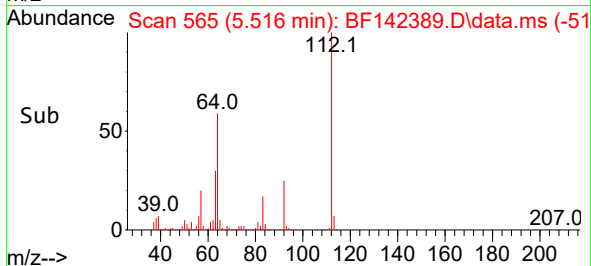
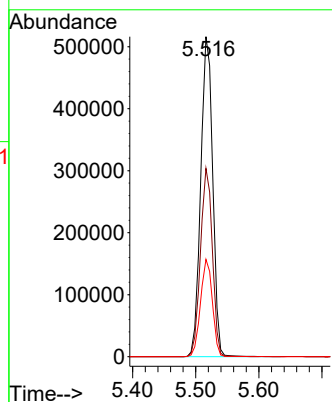
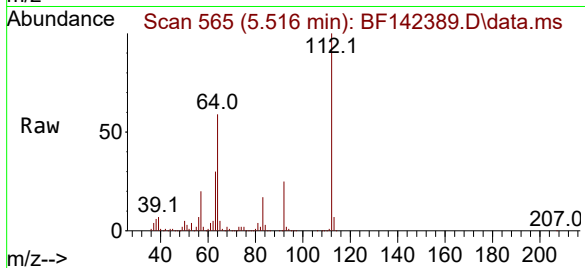




#5
2-Fluorophenol
Concen: 67.192 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

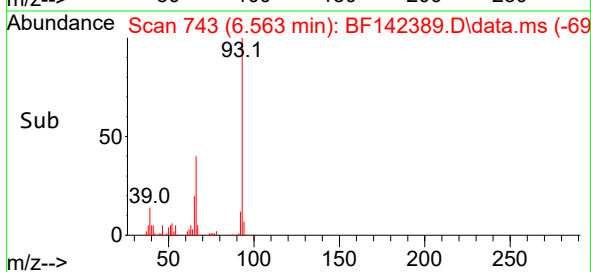
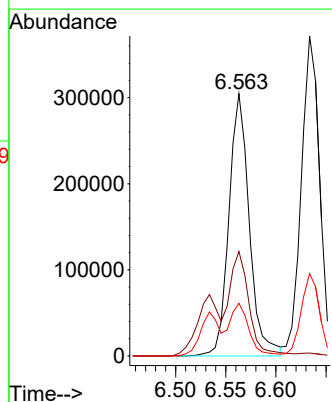
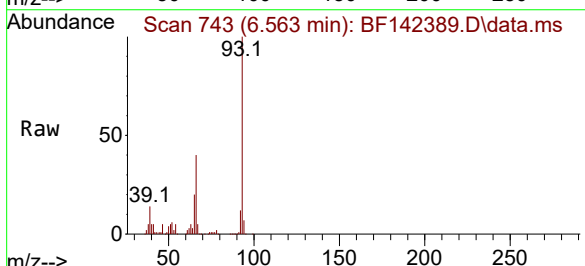
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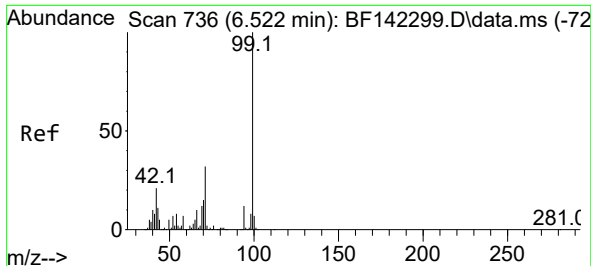
Tgt Ion:112 Resp: 679597
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 30.4 25.6 38.4



#6
Aniline
Concen: 35.223 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 93 Resp: 429774
Ion Ratio Lower Upper
93 100
66 39.9 32.2 48.4
65 20.1 16.3 24.5

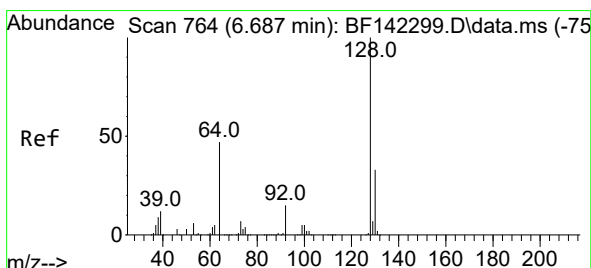
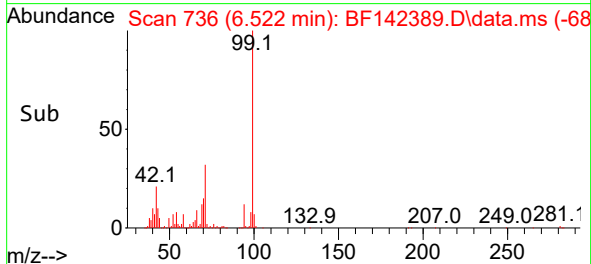
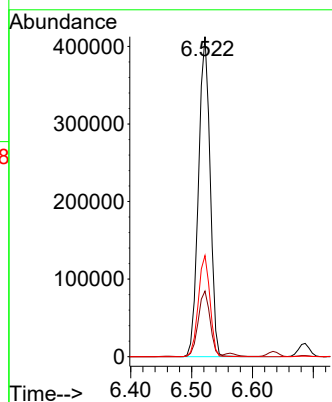
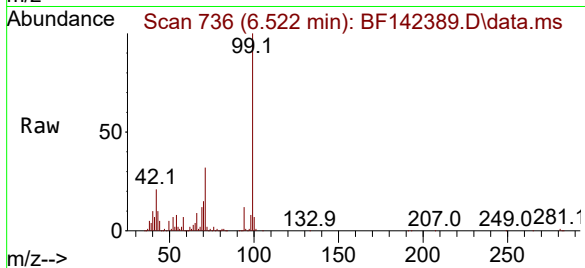




#7
Phenol-d6
Concen: 43.874 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

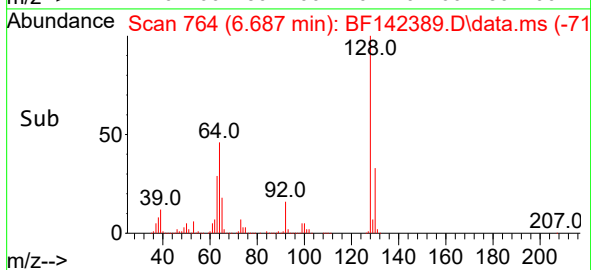
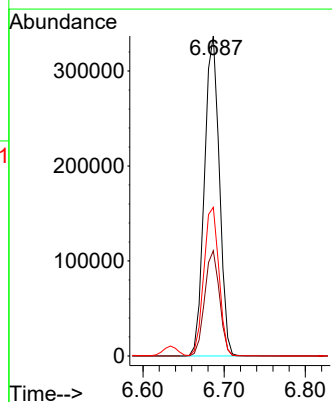
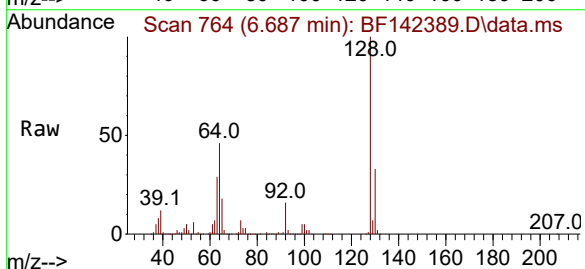
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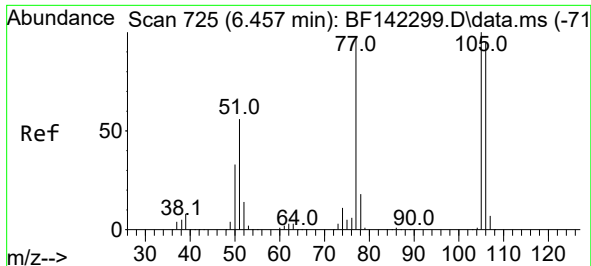
Tgt Ion: 99 Resp: 545778
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 31.6 25.8 38.8



#8
2-Chlorophenol
Concen: 39.738 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 128 Resp: 429490
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 46.5 29.2 69.2

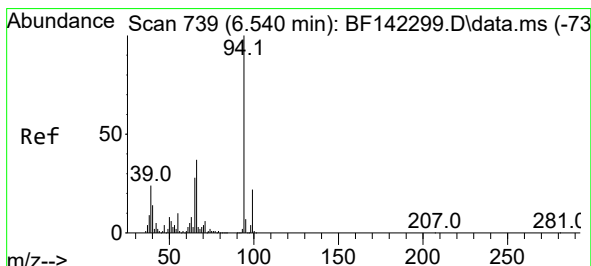
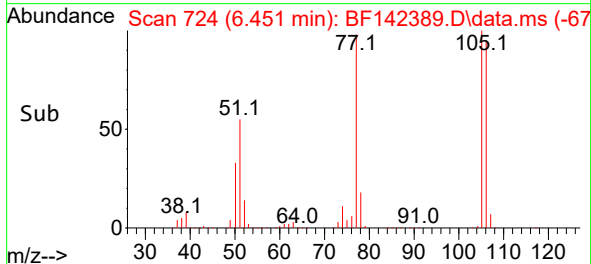
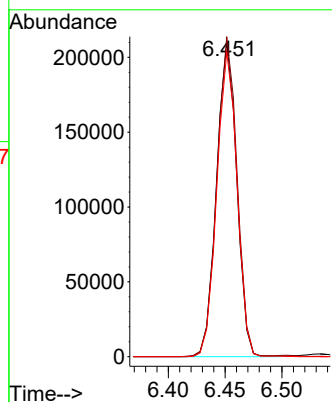
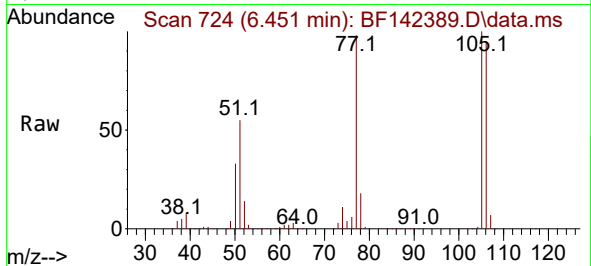




#9
Benzaldehyde
Concen: 35.605 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

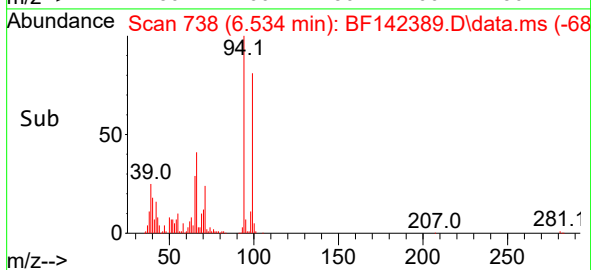
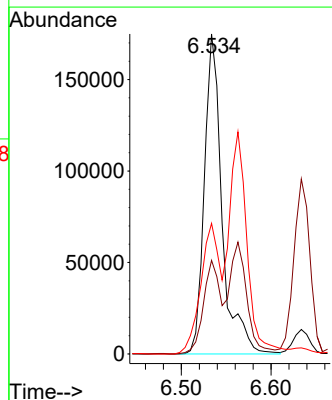
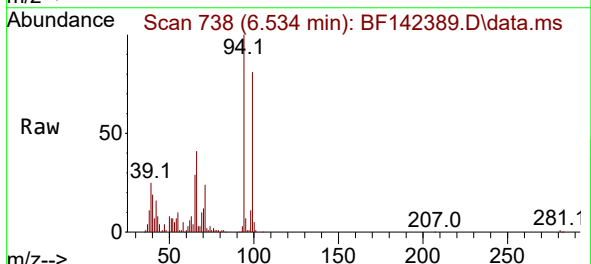
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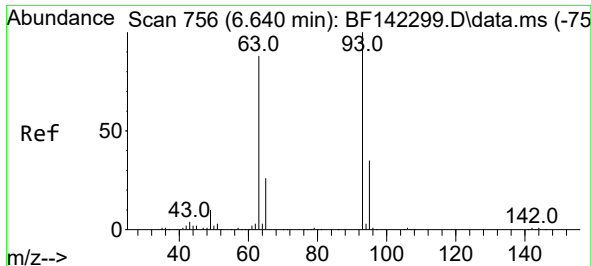
Tgt Ion: 77 Resp: 259230
Ion Ratio Lower Upper
77 100
105 101.6 82.0 122.0
106 96.8 77.2 117.2



#10
Phenol
Concen: 18.197 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 94 Resp: 239943
Ion Ratio Lower Upper
94 100
65 29.3 8.5 48.5
66 40.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 35.803 ng

RT: 6.634 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

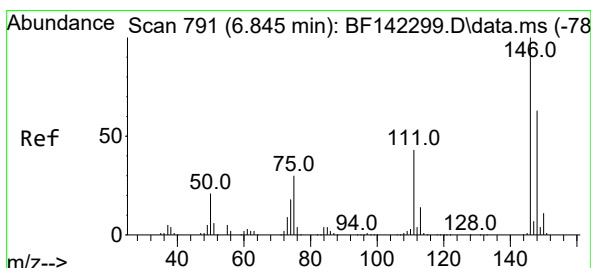
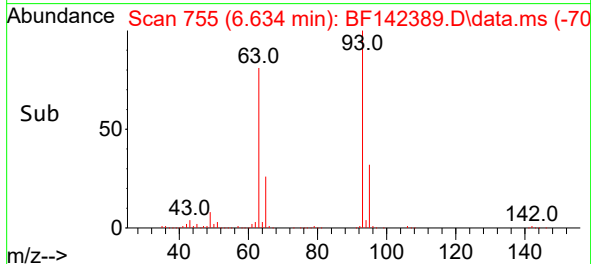
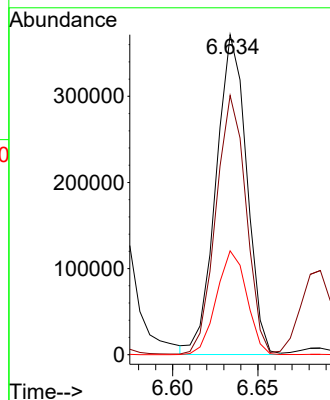
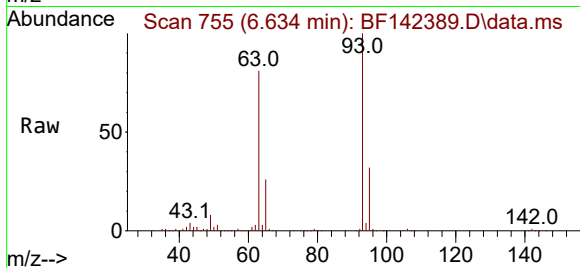
Tgt Ion: 93 Resp: 465560

Ion Ratio Lower Upper

93 100

63 81.0 58.4 98.4

95 32.4 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 35.374 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

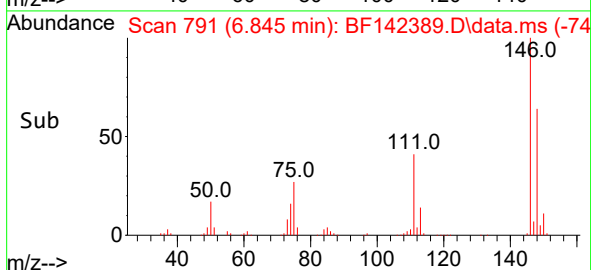
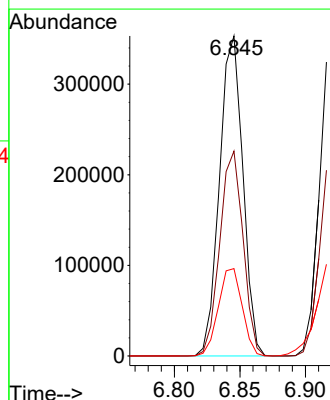
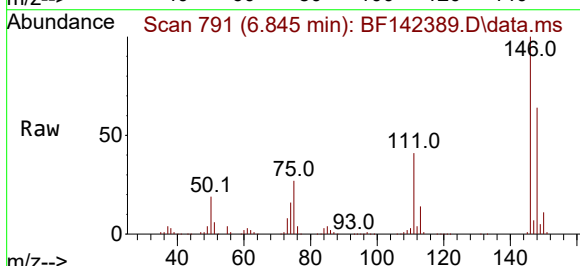
Tgt Ion: 146 Resp: 437405

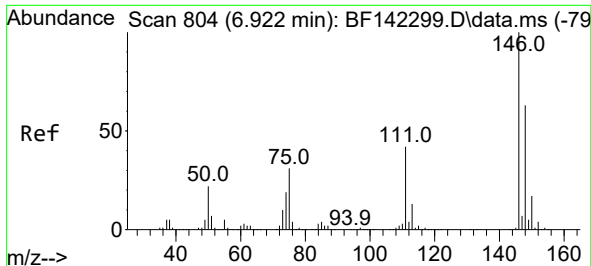
Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

75 27.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.019 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

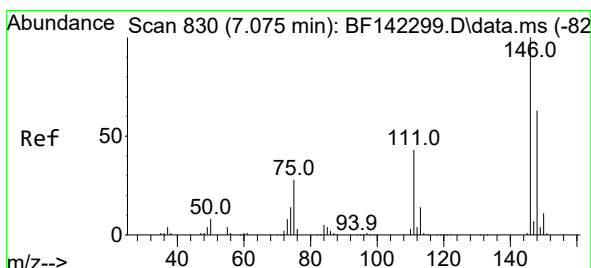
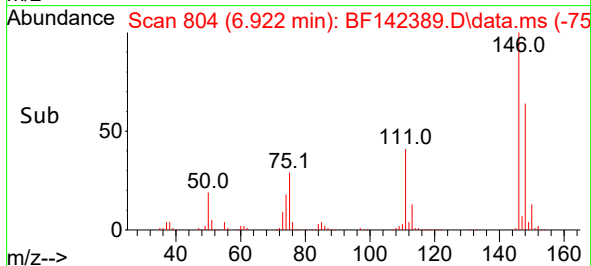
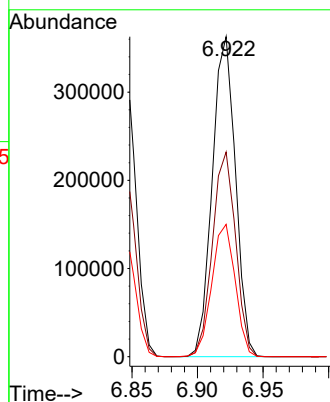
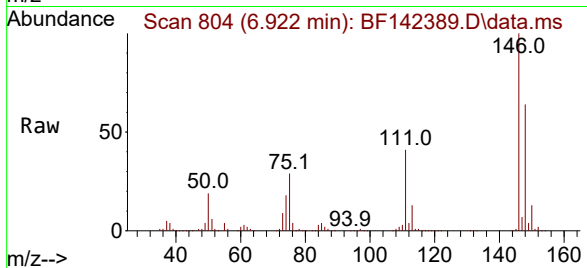
Tgt Ion:146 Resp: 447175

Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 41.3 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 36.953 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

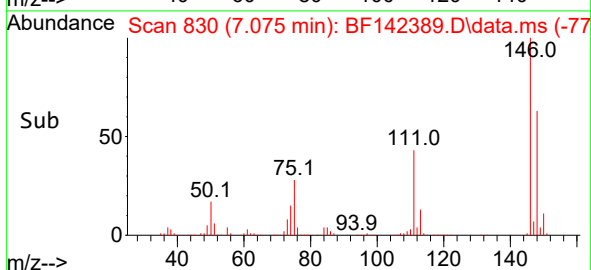
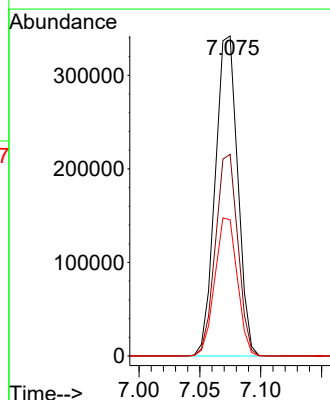
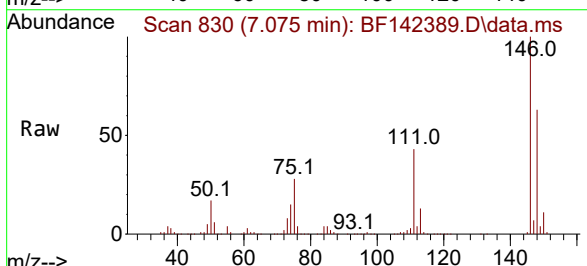
Tgt Ion:146 Resp: 440362

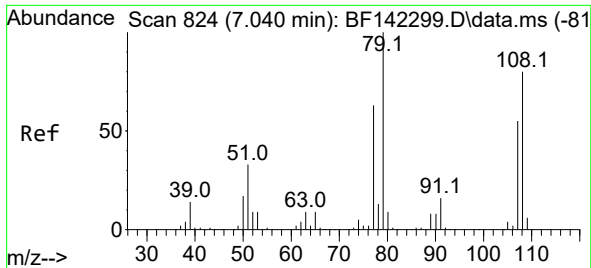
Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

111 42.6 34.5 51.7

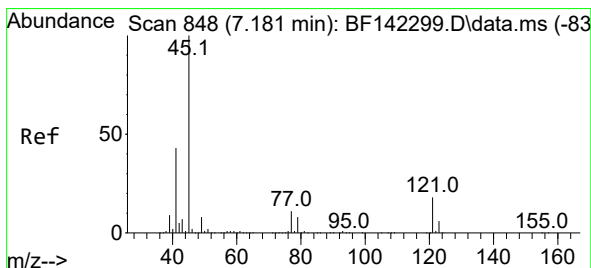
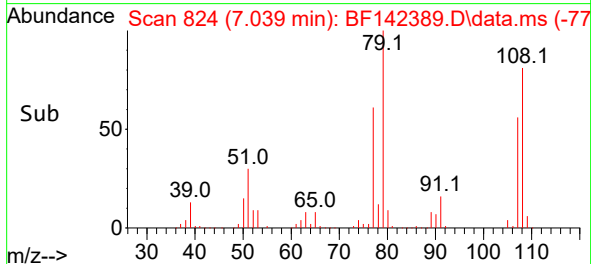
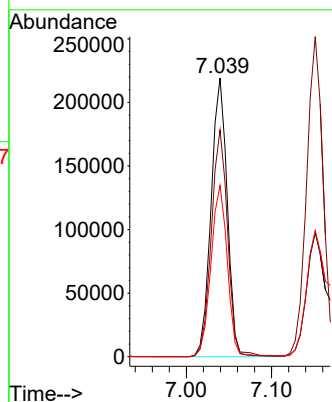
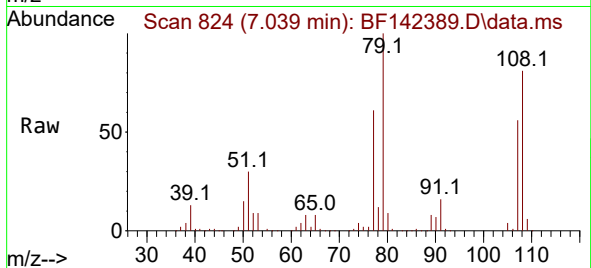




#15
Benzyl Alcohol
Concen: 35.835 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

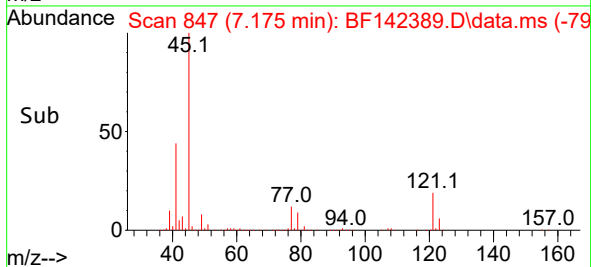
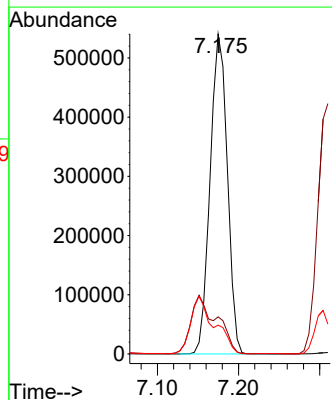
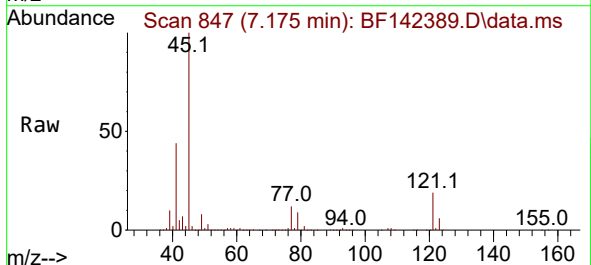
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

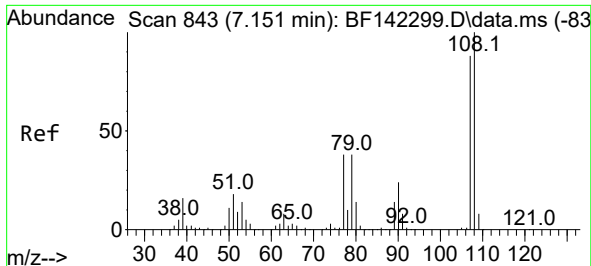
Tgt Ion:	79	Resp:	288653
Ion	Ratio	Lower	Upper
79	100		
108	81.4	63.9	95.9
77	61.5	50.7	76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.894 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:	45	Resp:	794103
Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.2
79	9.0	0.0	28.5

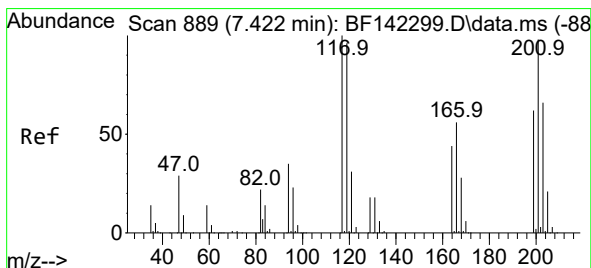
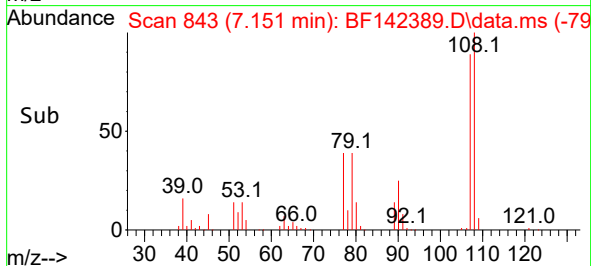
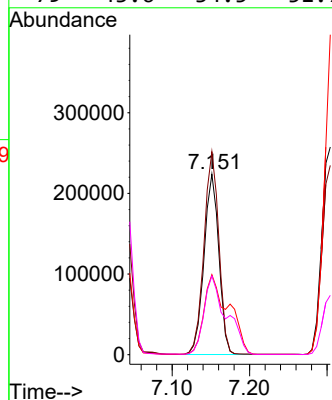
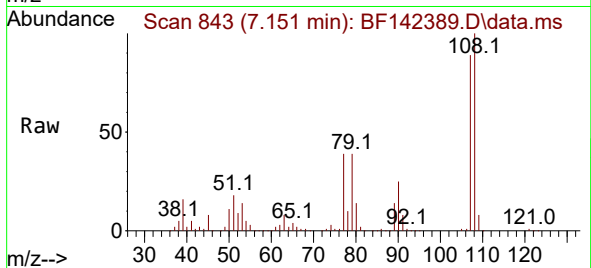




#17
2-Methylphenol
Concen: 34.126 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

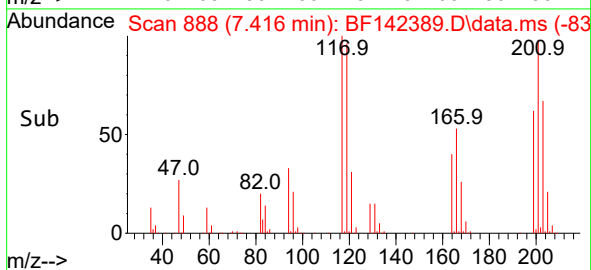
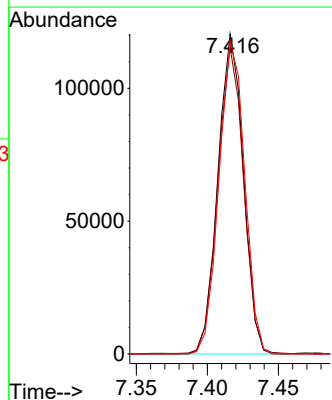
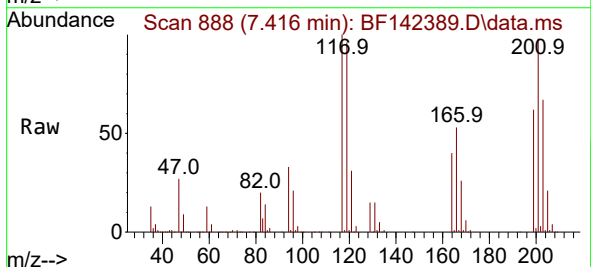
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

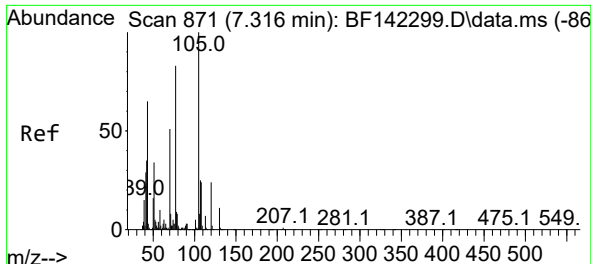
Tgt Ion:	107	Resp:	298612
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	44.4	34.7	52.1
79	43.6	34.5	51.7



#18
Hexachloroethane
Concen: 36.273 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:	117	Resp:	149837
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.8	78.0	117.0



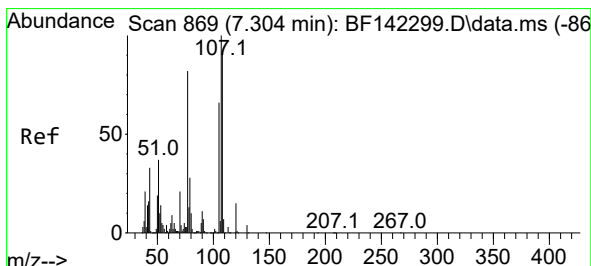
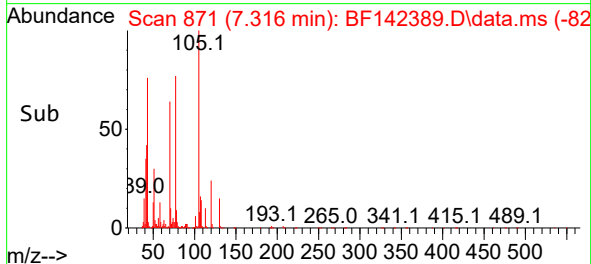
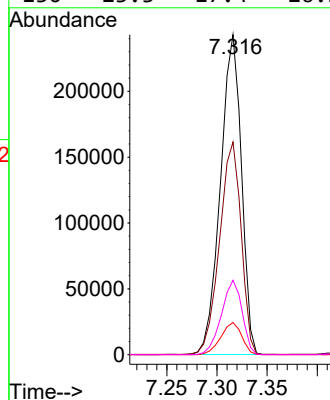
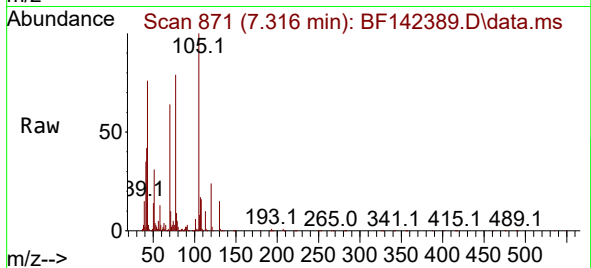


#19
n-Nitroso-di-n-propylamine
Concen: 45.840 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion: 70 Resp: 352727

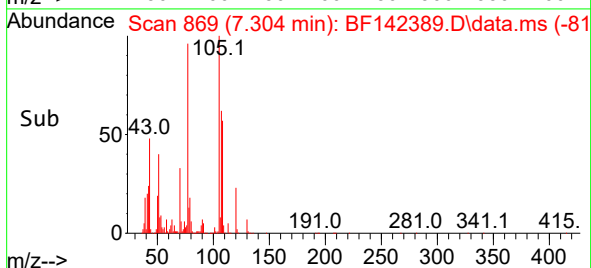
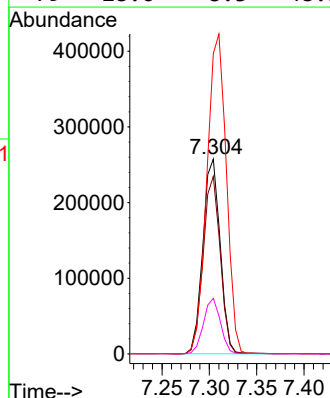
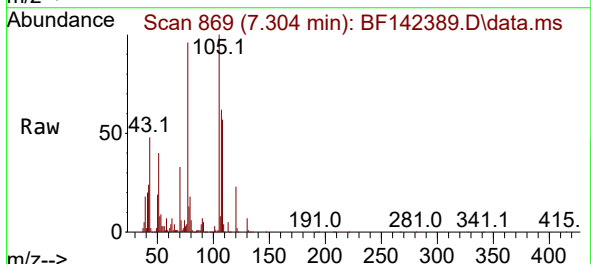
Ion	Ratio	Lower	Upper
70	100		
42	66.5	54.8	82.2
101	10.1	7.7	11.5
130	23.3	17.4	26.2

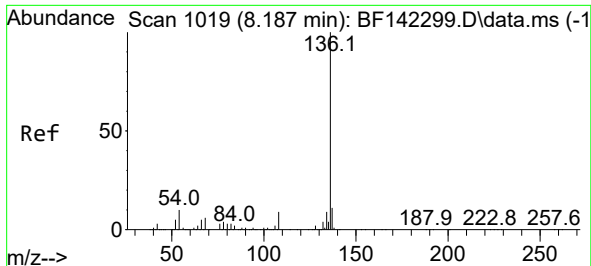


#20
3+4-Methylphenols
Concen: 29.985 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 107 Resp: 327459

Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.5	111.5
77	154.0	61.6	101.6#
79	28.6	8.3	48.3

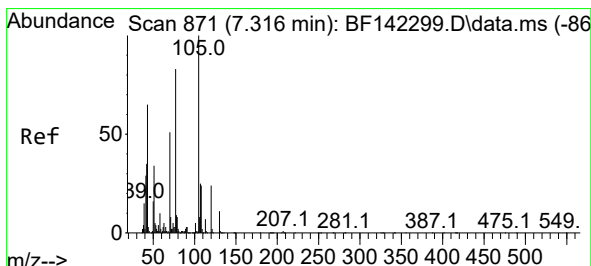
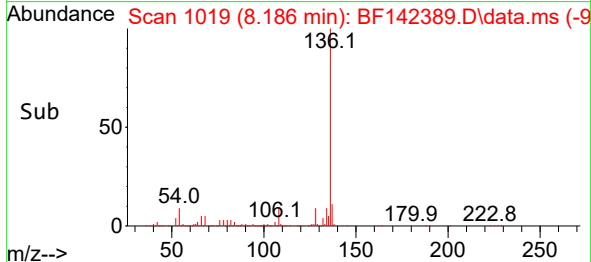
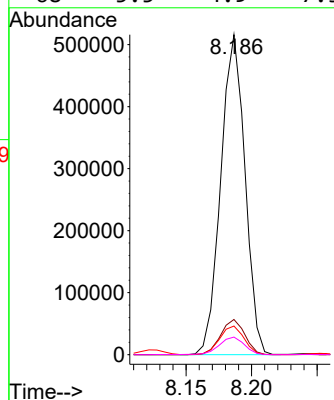
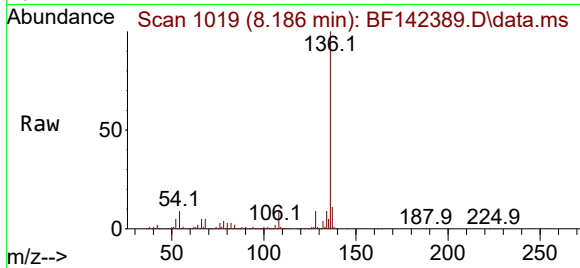




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

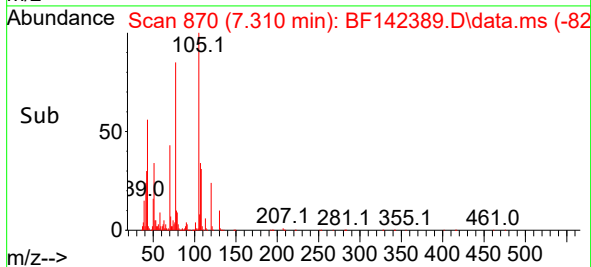
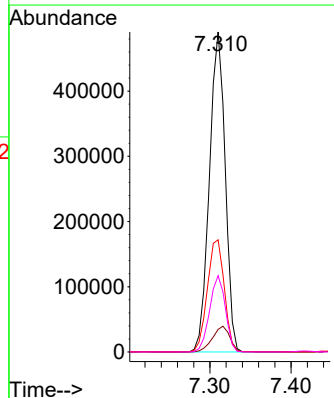
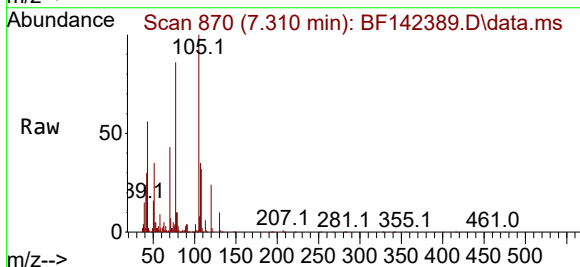
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

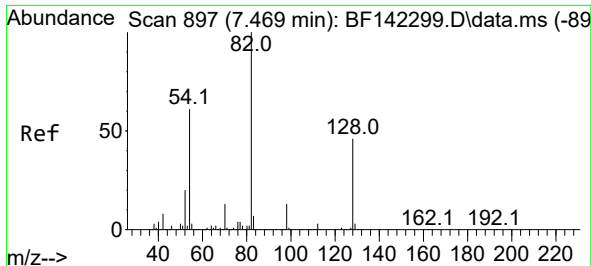
Tgt Ion:136	Resp: 662026
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 9.0	7.7 11.5
68 5.5	4.9 7.3



#22
Acetophenone
Concen: 45.031 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt	Ion:105	Resp:	662853
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	35.1	27.6	41.4
120	23.9	19.1	28.7





#23

Nitrobenzene-d5

Concen: 90.437 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

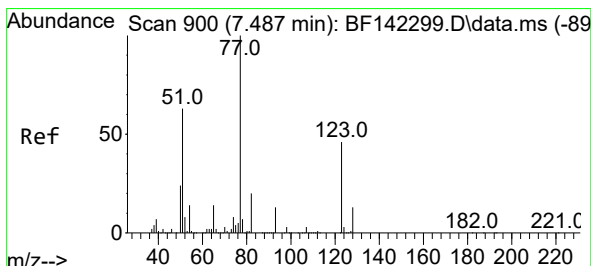
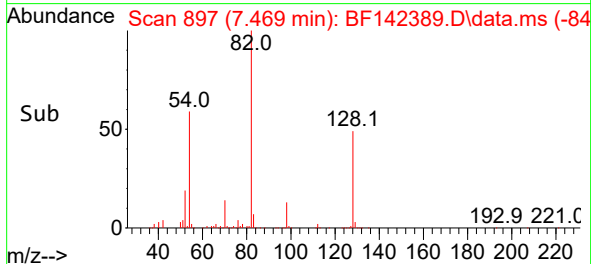
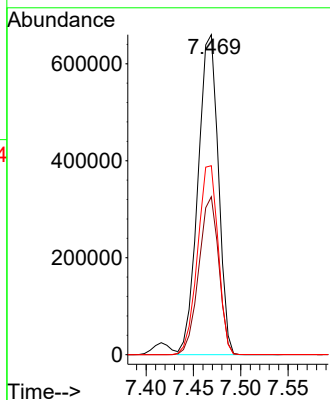
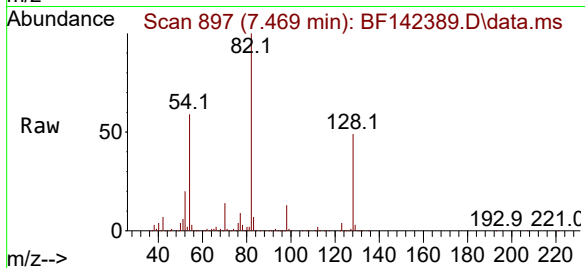
Tgt Ion: 82 Resp: 981708

Ion Ratio Lower Upper

82 100

128 49.4 37.0 55.6

54 59.1 48.6 73.0



#24

Nitrobenzene

Concen: 48.371 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

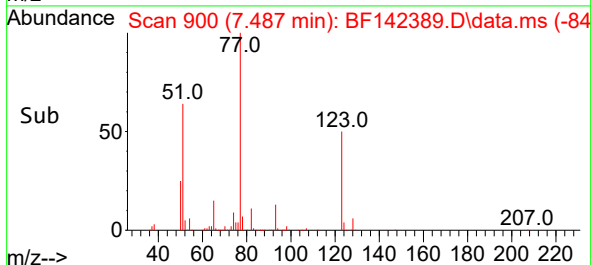
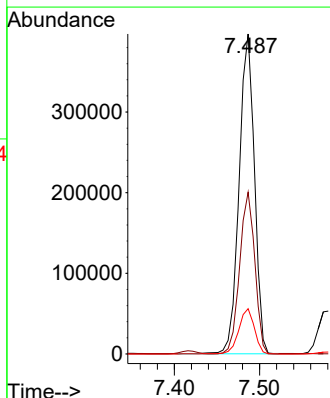
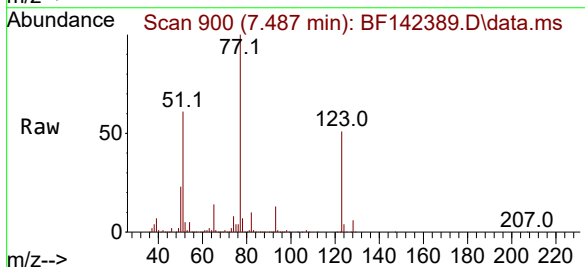
Tgt Ion: 77 Resp: 494951

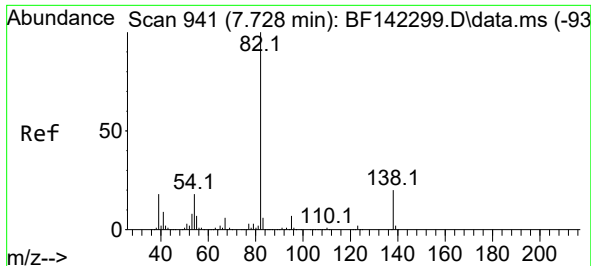
Ion Ratio Lower Upper

77 100

123 50.6 37.8 56.8

65 14.1 11.4 17.0

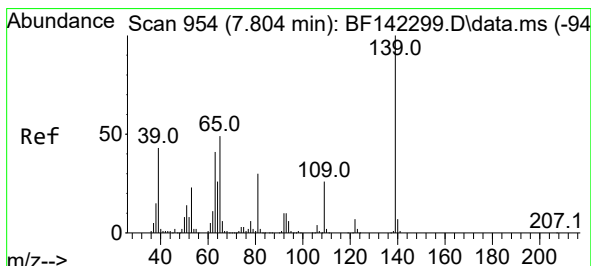
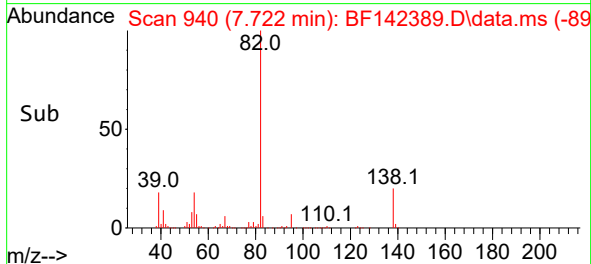
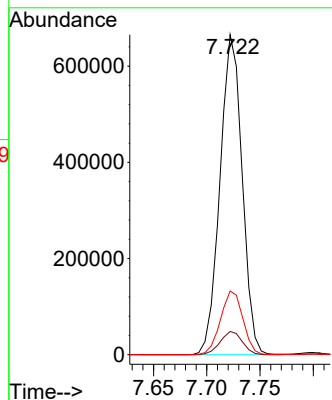
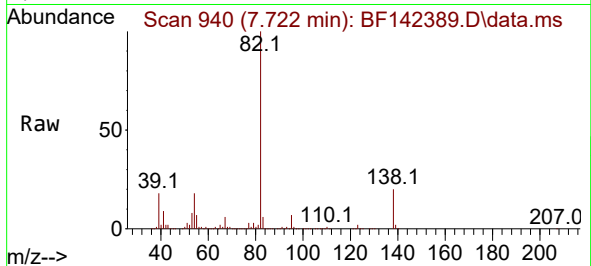




#25
Isophorone
Concen: 46.768 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

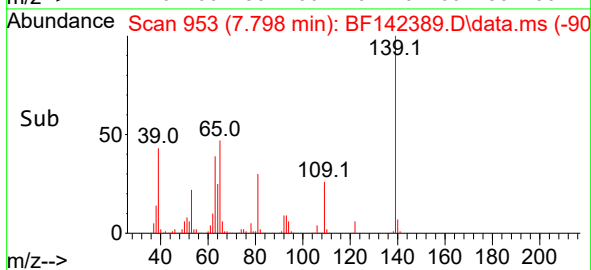
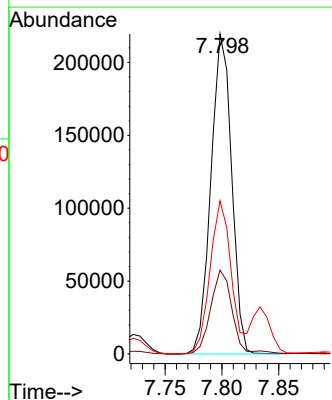
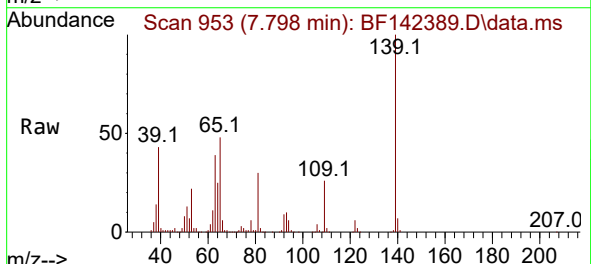
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

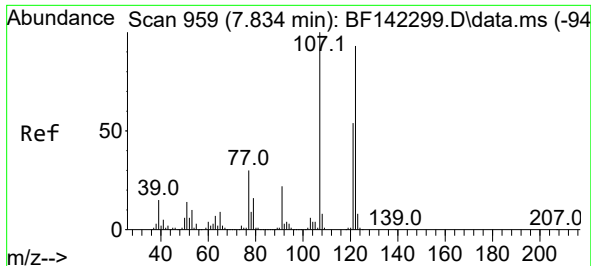
Tgt Ion: 82 Resp: 961365
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 55.742 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:139 Resp: 278478
Ion Ratio Lower Upper
139 100
109 26.2 20.8 31.2
65 47.8 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.261 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142389.D

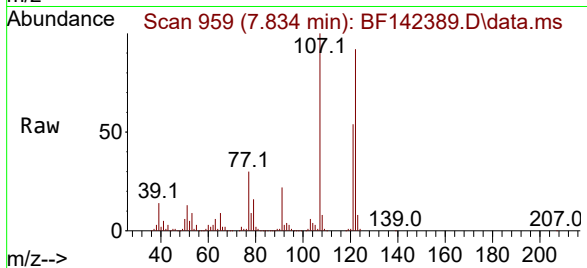
Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD



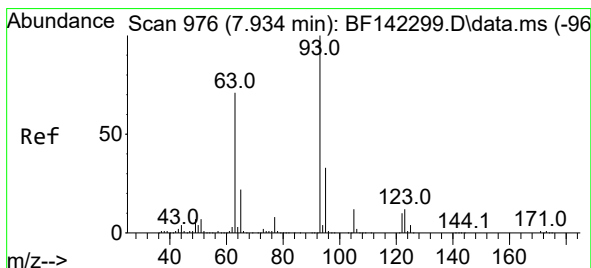
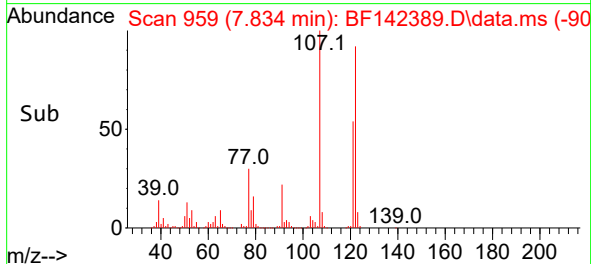
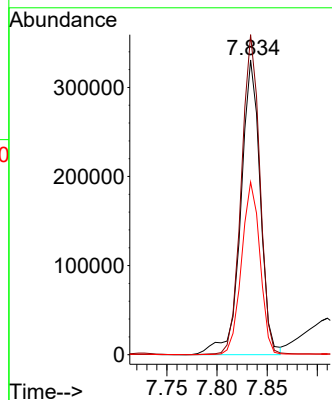
Tgt Ion:122 Resp: 447099

Ion Ratio Lower Upper

122 100

107 108.6 86.0 129.0

121 58.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.900 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

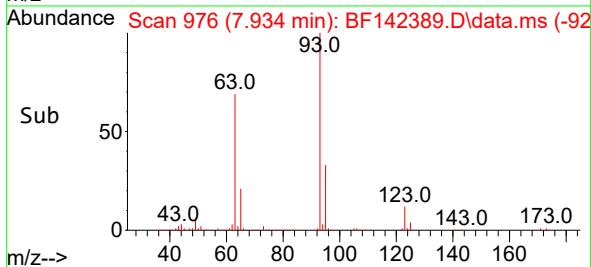
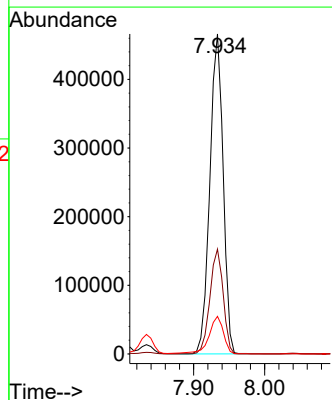
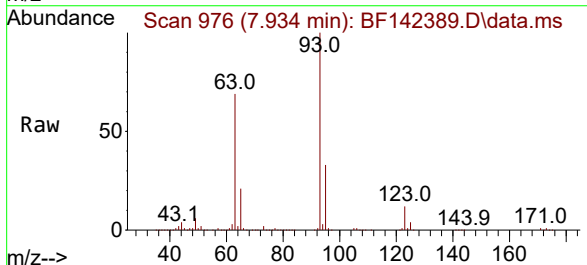
Tgt Ion: 93 Resp: 606692

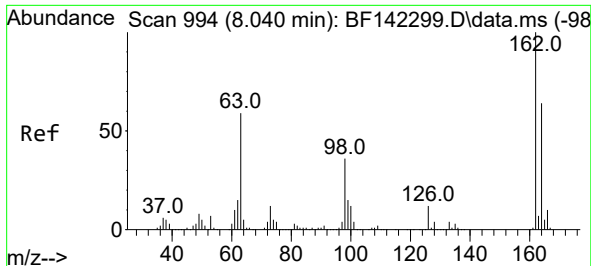
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.875 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

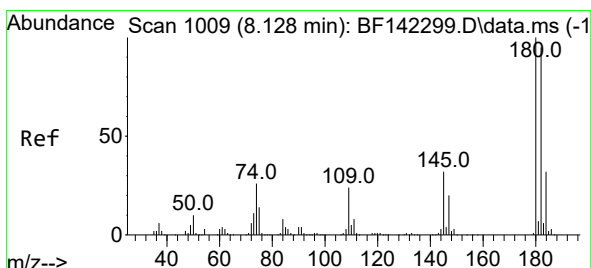
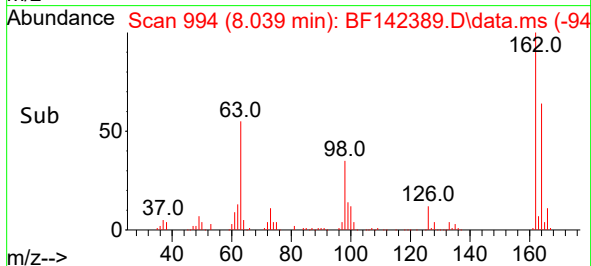
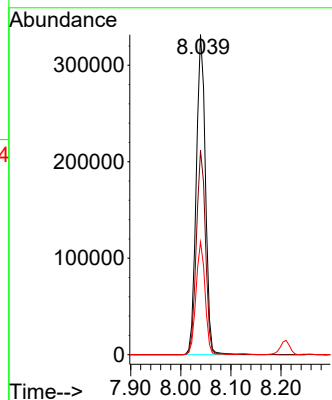
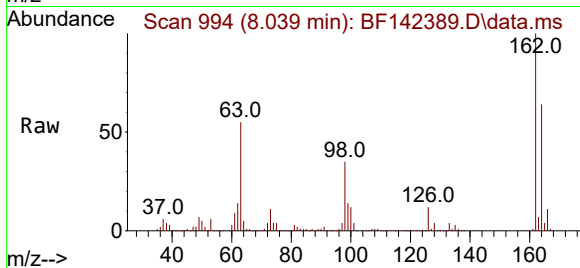
Tgt Ion:162 Resp: 420656

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

98 35.2 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.273 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

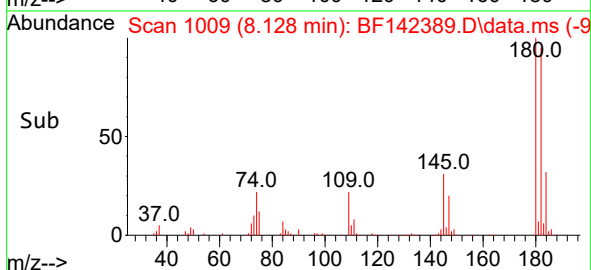
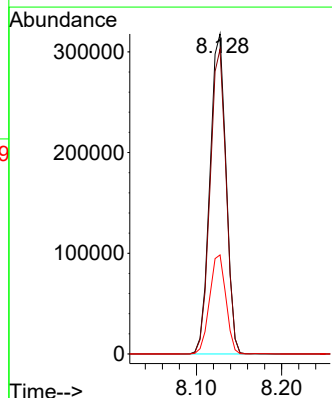
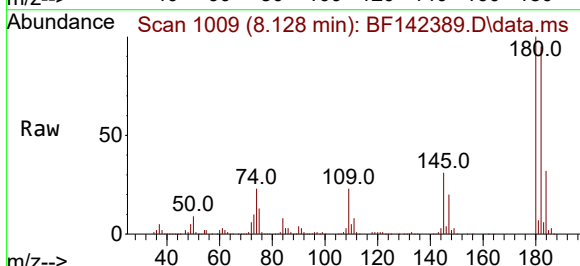
Tgt Ion:180 Resp: 418015

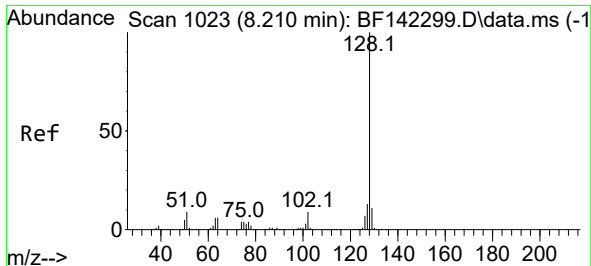
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

145 30.9 25.8 38.6

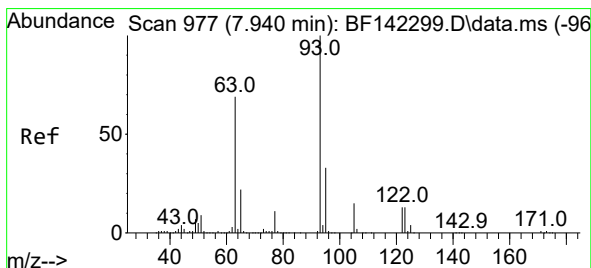
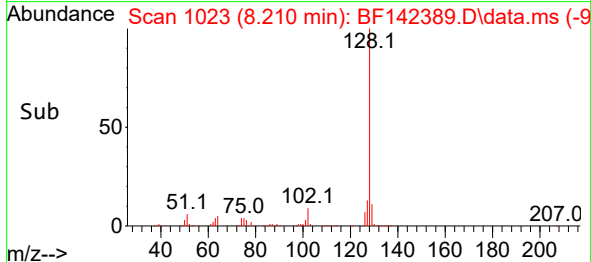
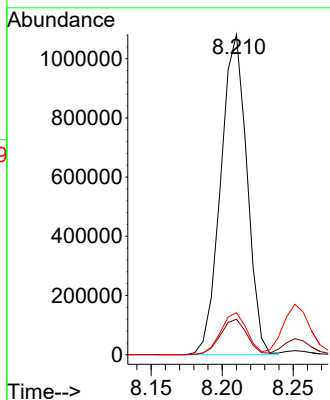
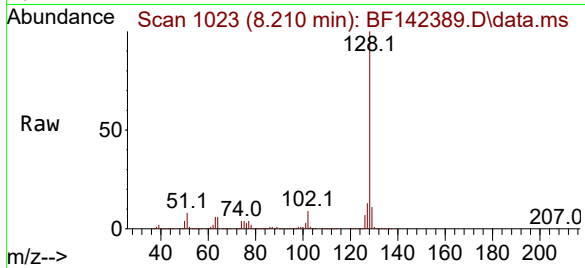




#31
Naphthalene
Concen: 43.310 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

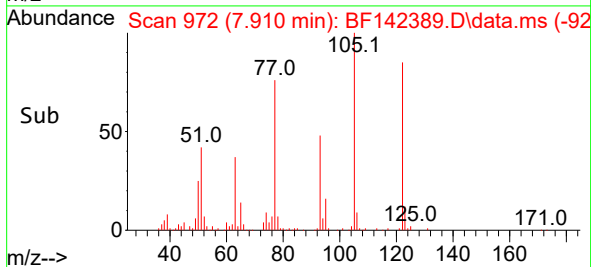
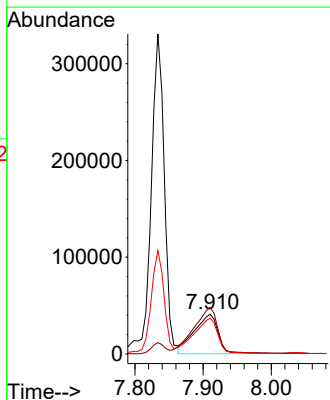
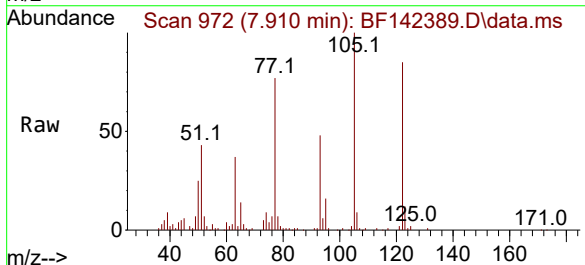
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

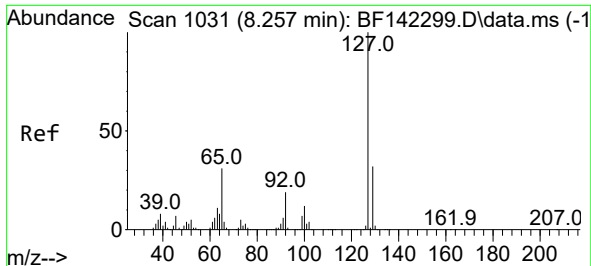
Tgt Ion:128 Resp: 1389634
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 23.298 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:122 Resp: 100050
Ion Ratio Lower Upper
122 100
105 117.4 97.9 137.9
77 90.6 67.7 107.7

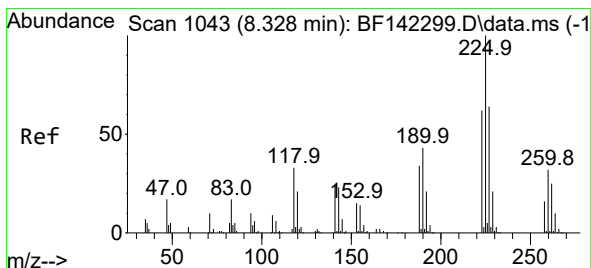
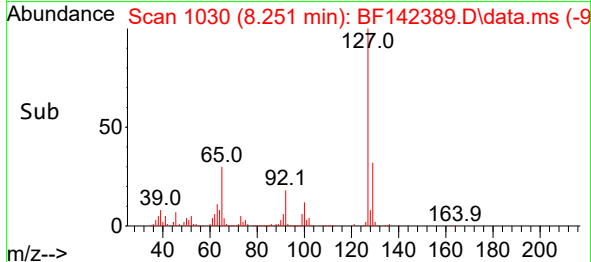
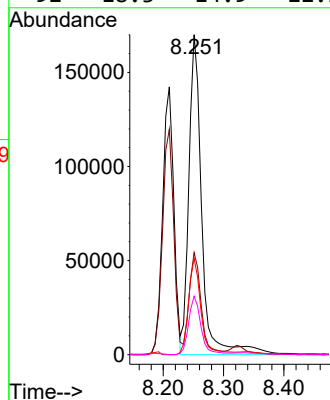
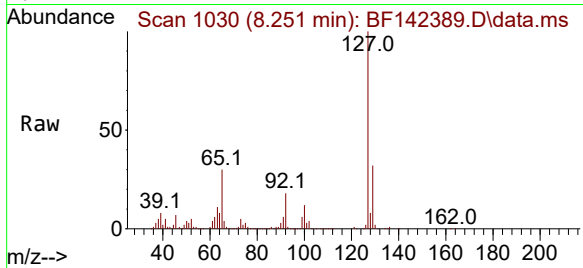




#33
4-Chloroaniline
Concen: 19.433 ng m
RT: 8.251 min Scan# 1031
Delta R.T. -0.016 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

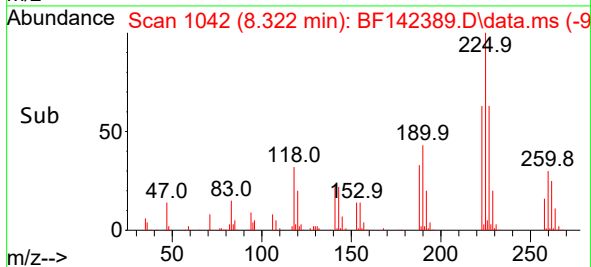
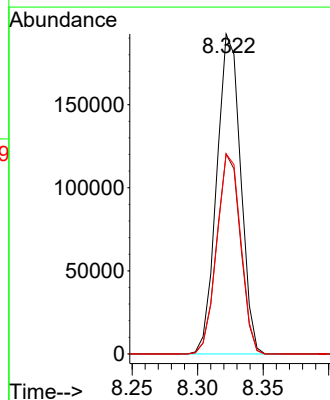
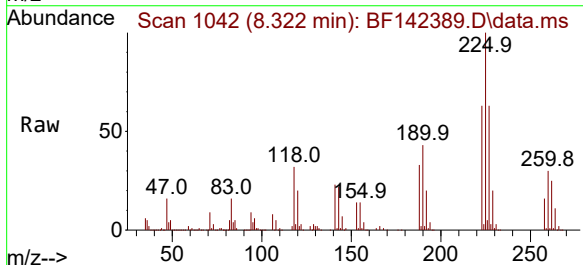
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

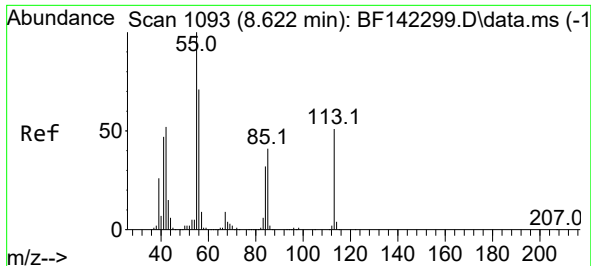
Tgt	Ion:127	Resp:	254426
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	30.0	24.9	37.3
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 41.556 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt	Ion:225	Resp:	243324
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	62.5	50.9	76.3

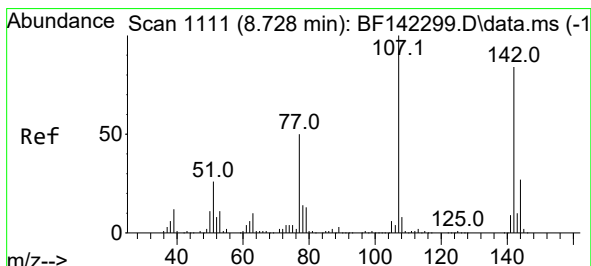
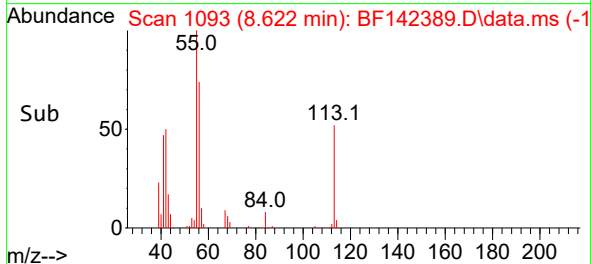
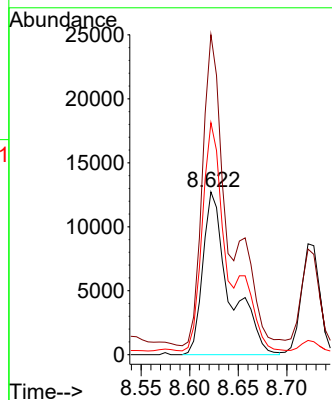
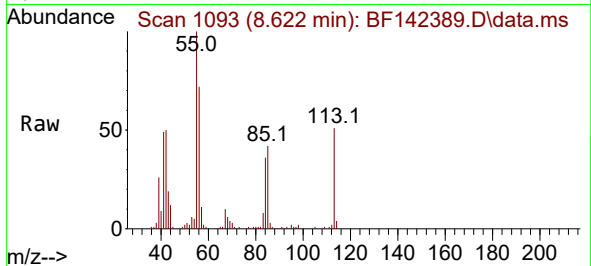




#35
Caprolactam
Concen: 9.582 ng m
RT: 8.622 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

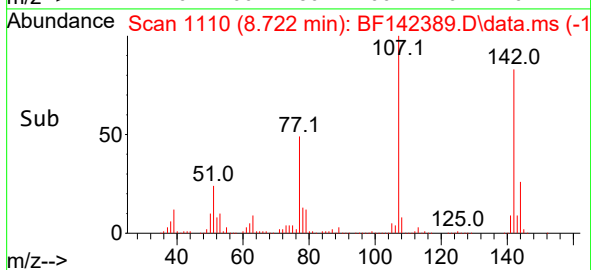
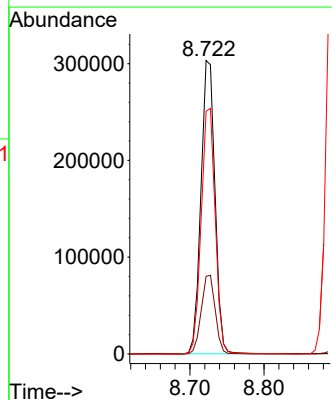
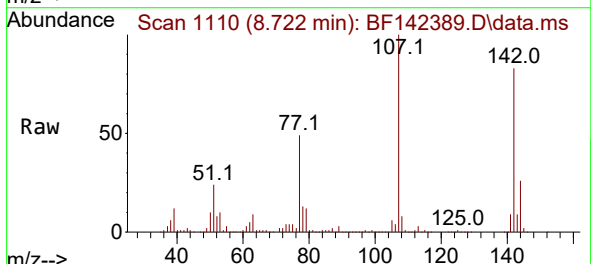
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

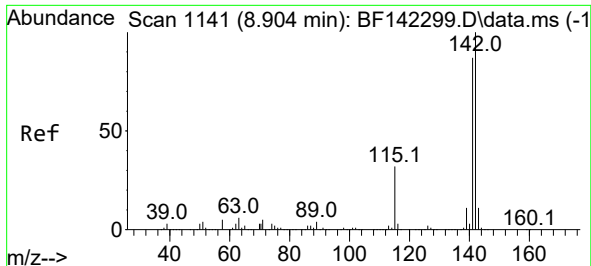
Tgt Ion:113 Resp: 24538
Ion Ratio Lower Upper
113 100
55 196.7 176.4 216.4
56 142.6 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 43.626 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:107 Resp: 398461
Ion Ratio Lower Upper
107 100
144 26.5 21.3 31.9
142 82.7 66.9 100.3

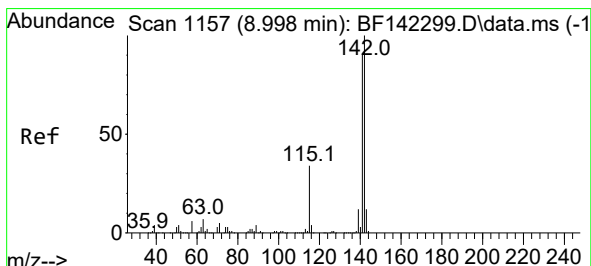
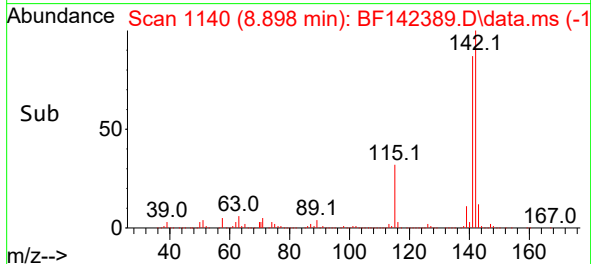
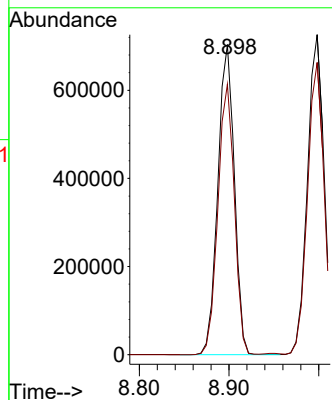
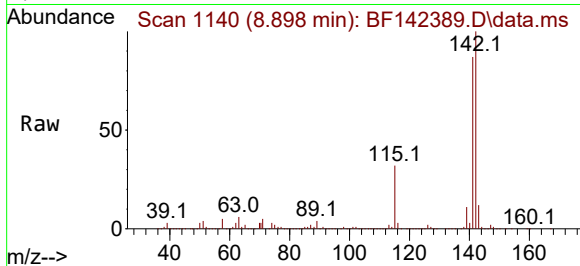




#37
2-Methylnaphthalene
Concen: 45.031 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

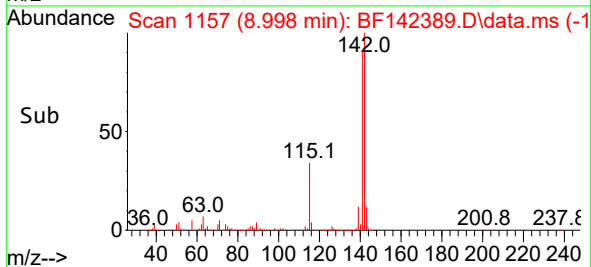
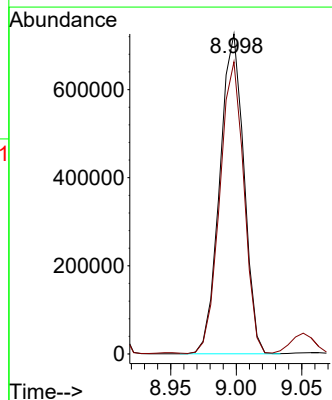
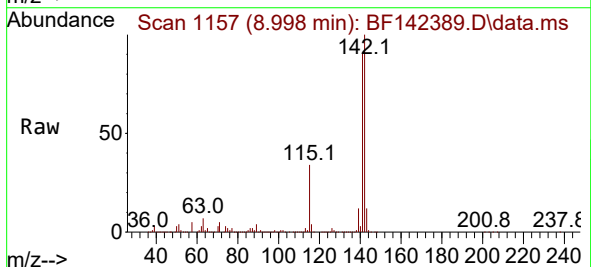
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

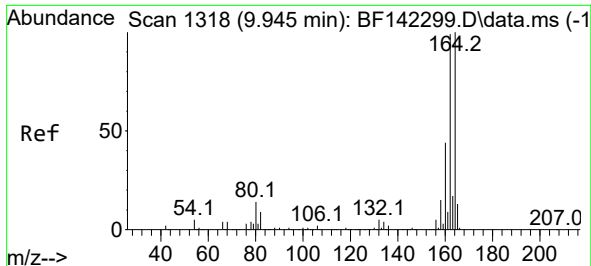
Tgt Ion:142 Resp: 897809
Ion Ratio Lower Upper
142 100
141 87.2 69.4 104.2



#38
1-Methylnaphthalene
Concen: 44.675 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:142 Resp: 928360
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: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

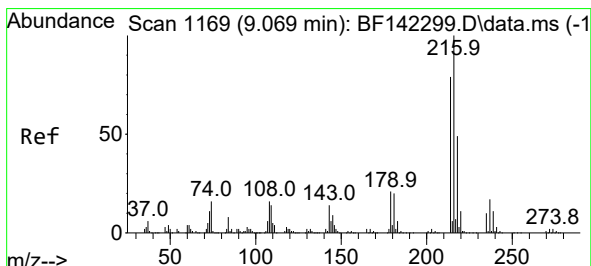
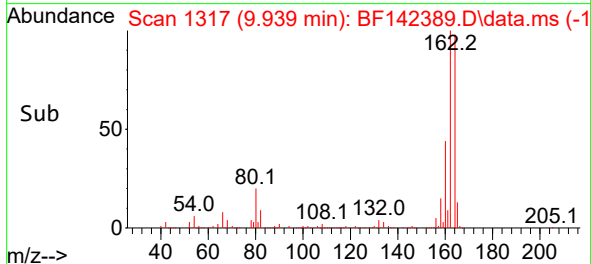
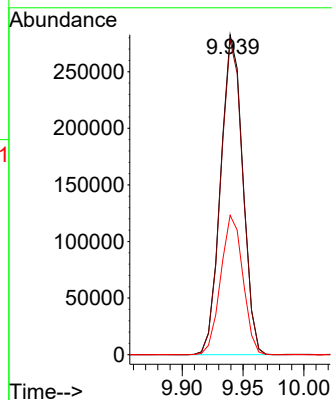
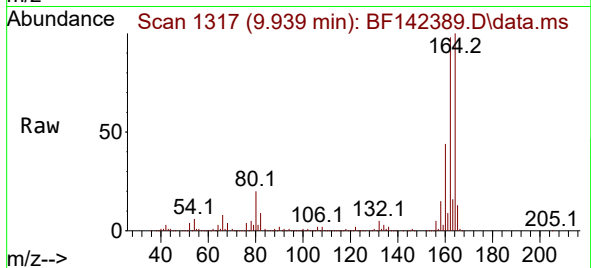
Tgt Ion:164 Resp: 357440

Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

160 43.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.886 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Tgt Ion:216 Resp: 448092

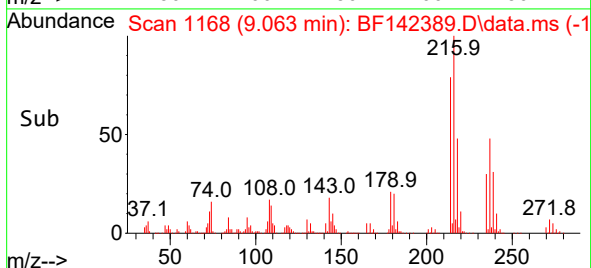
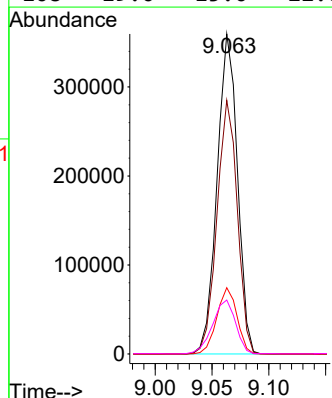
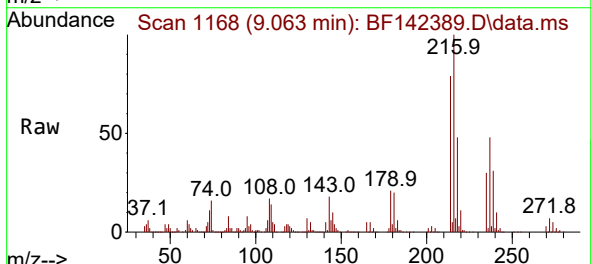
Ion Ratio Lower Upper

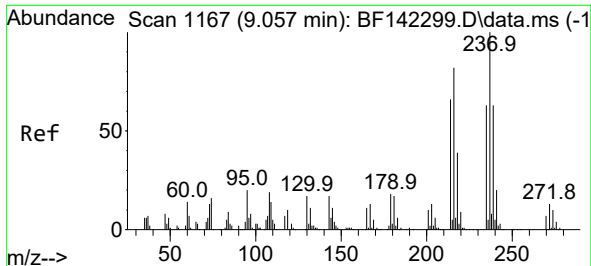
216 100

214 79.1 63.8 95.6

179 20.6 17.0 25.6

108 19.0 15.0 22.6

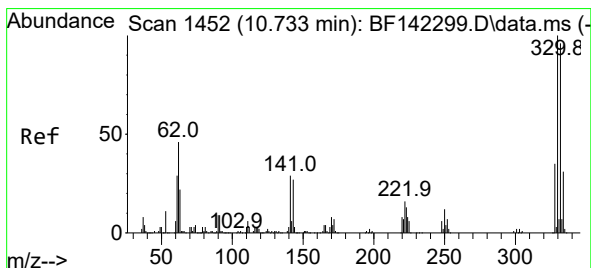
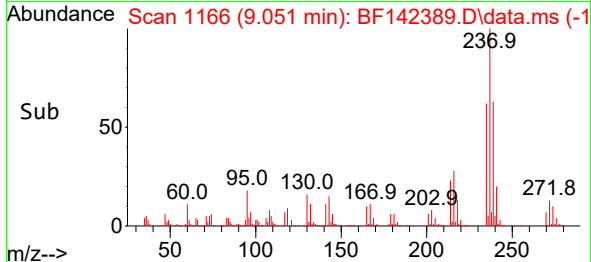
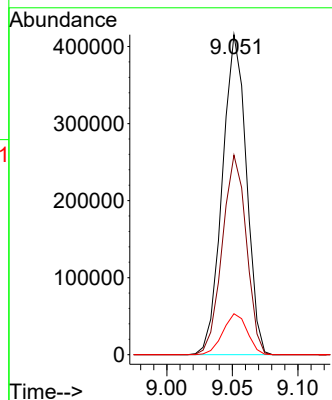
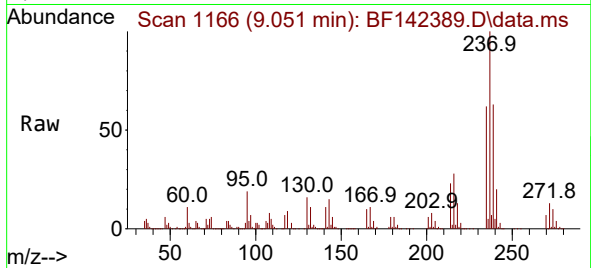




#41
Hexachlorocyclopentadiene
Concen: 85.793 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

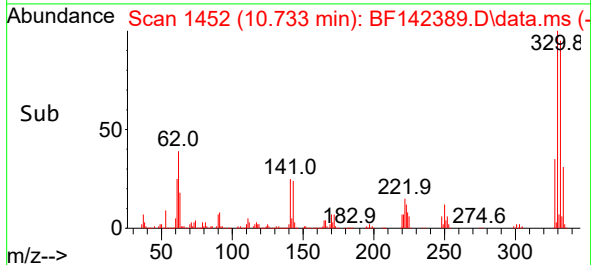
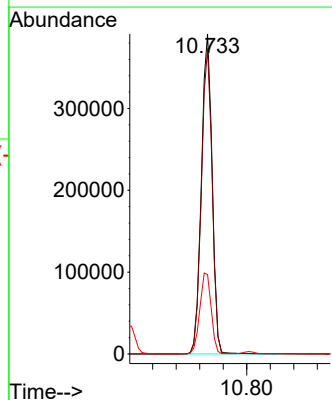
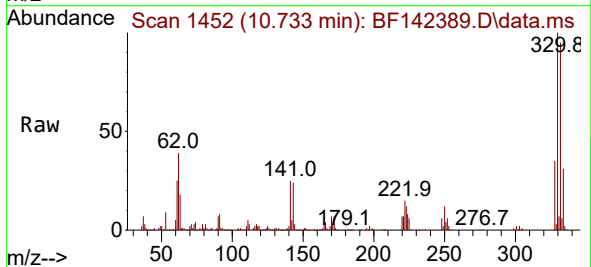
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

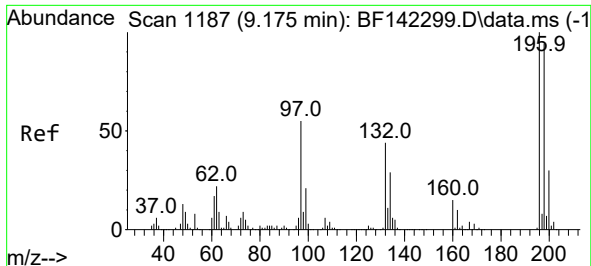
Tgt Ion:237 Resp: 529316
Ion Ratio Lower Upper
237 100
235 62.4 42.8 82.8
272 12.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 144.002 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

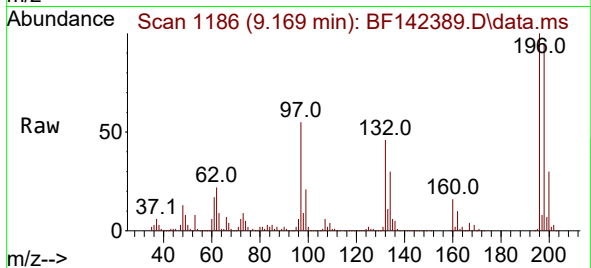
Tgt Ion:330 Resp: 496952
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 26.5 24.9 37.3



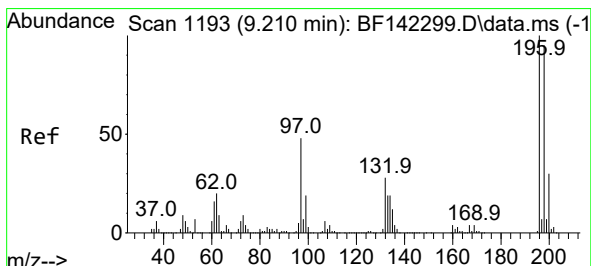
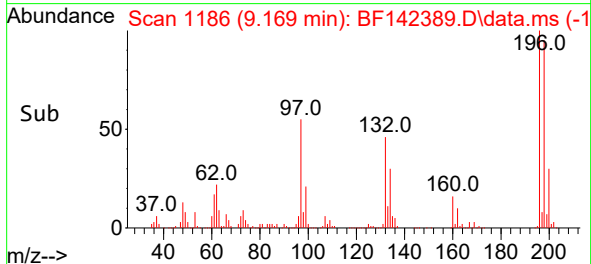
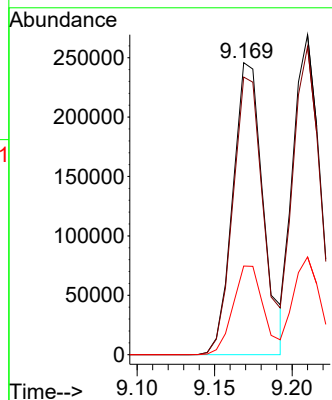


#43
2,4,6-Trichlorophenol
Concen: 53.182 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

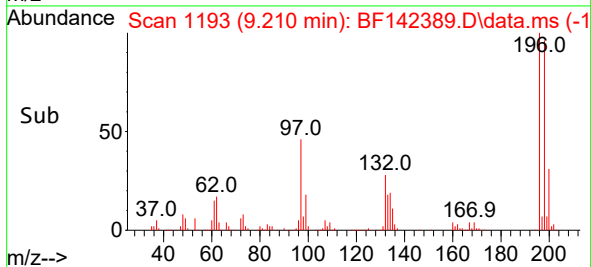
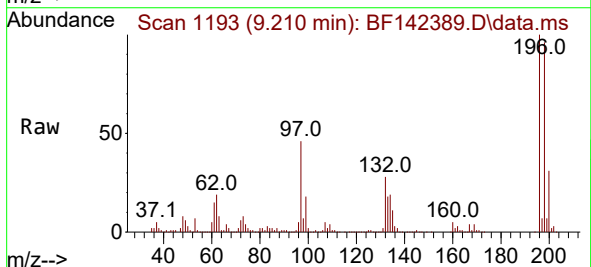
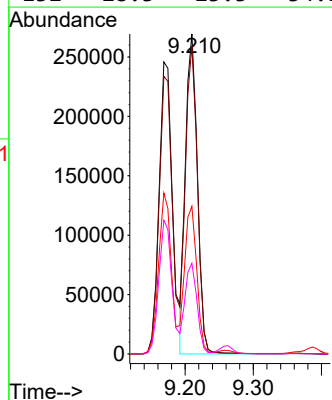


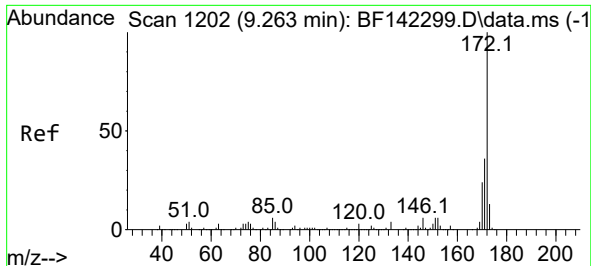
Tgt Ion:196 Resp: 334881
Ion Ratio Lower Upper
196 100
198 95.1 75.4 113.0
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.481 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:196 Resp: 324822
Ion Ratio Lower Upper
196 100
198 96.3 76.1 114.1
97 46.2 39.0 58.4
132 28.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.670 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

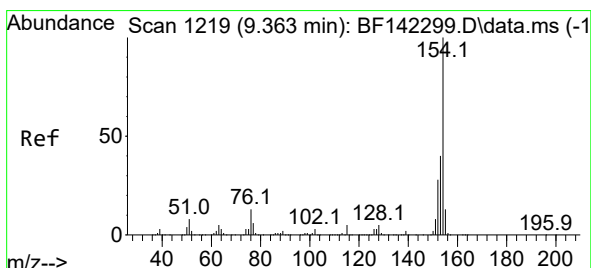
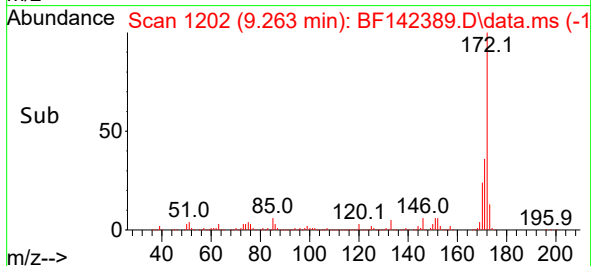
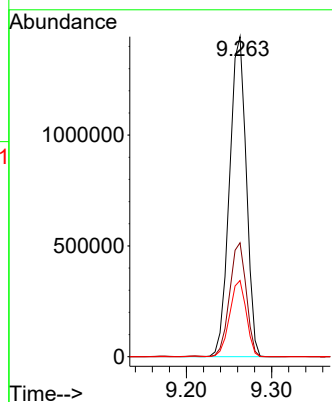
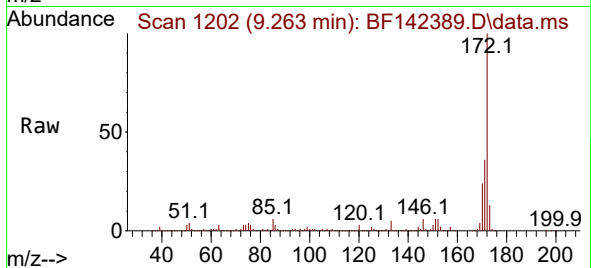
Tgt Ion:172 Resp: 1972111

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.041 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

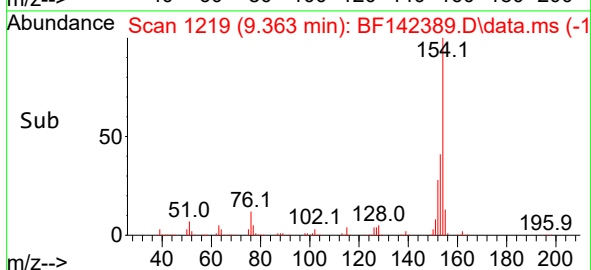
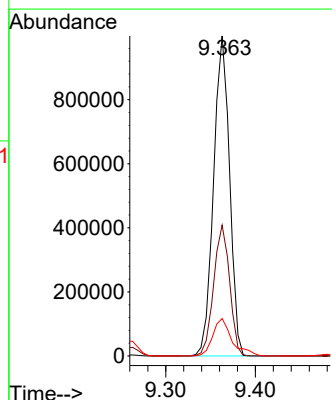
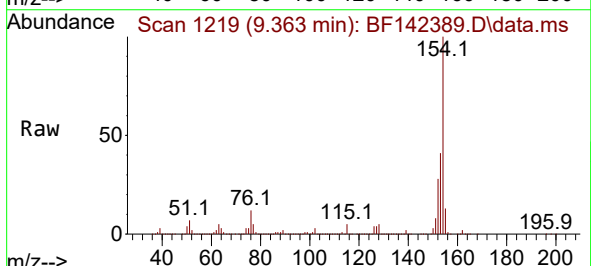
Tgt Ion:154 Resp: 1234418

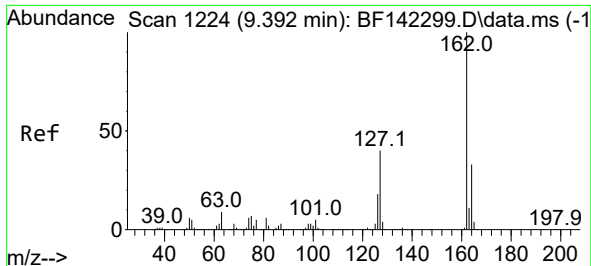
Ion Ratio Lower Upper

154 100

153 40.9 20.5 60.5

76 11.7 0.0 32.8

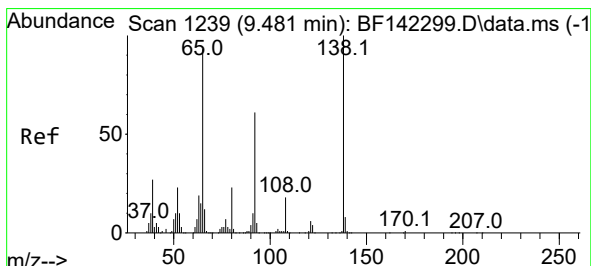
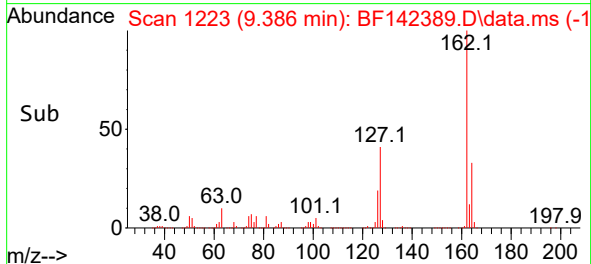
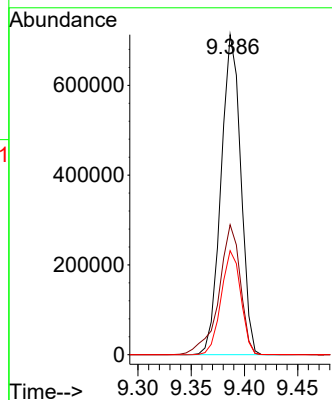
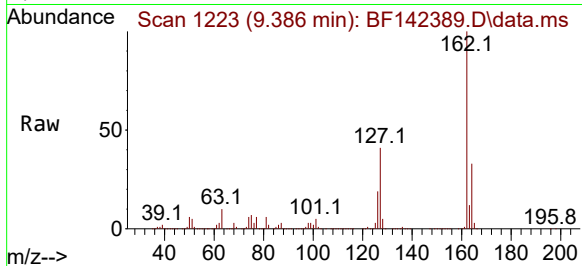




#47
2-Chloronaphthalene
Concen: 45.002 ng
RT: 9.386 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

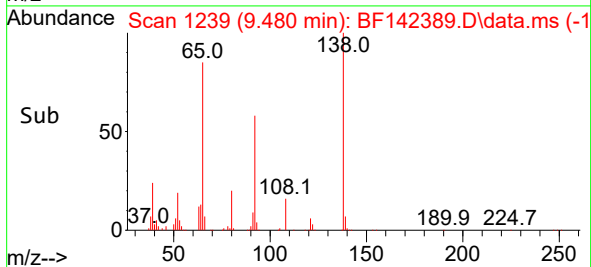
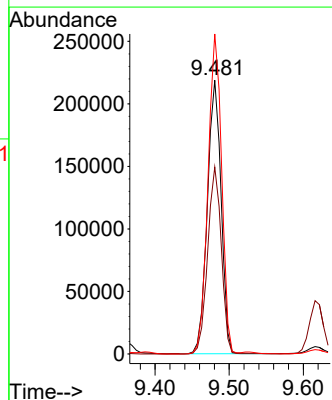
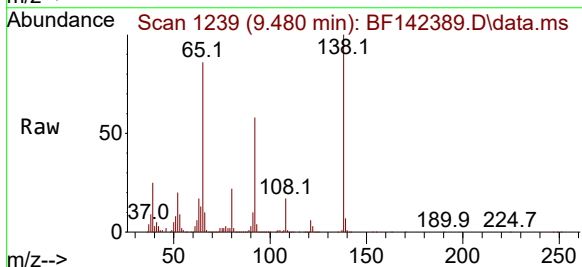
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

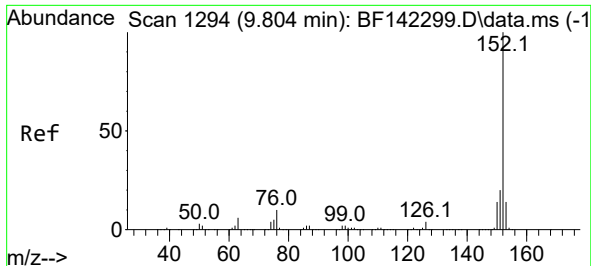
Tgt Ion:162 Resp: 917216
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 32.5 26.6 40.0



#48
2-Nitroaniline
Concen: 54.101 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion: 65 Resp: 282636
Ion Ratio Lower Upper
65 100
92 68.3 52.3 78.5
138 116.9 85.6 128.4





#49

Acenaphthylene

Concen: 44.966 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

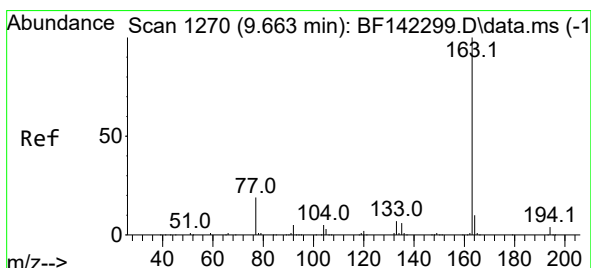
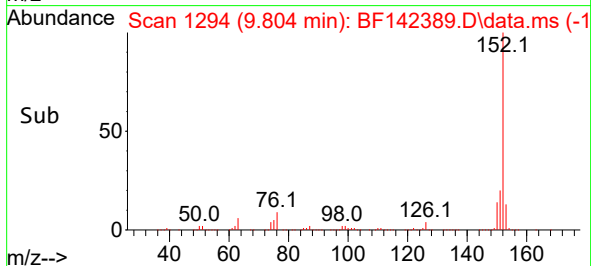
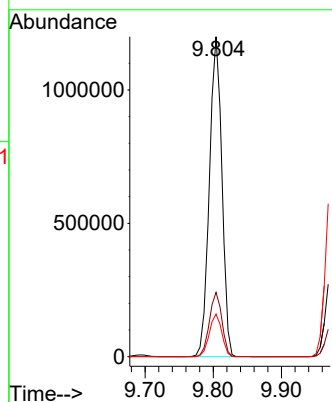
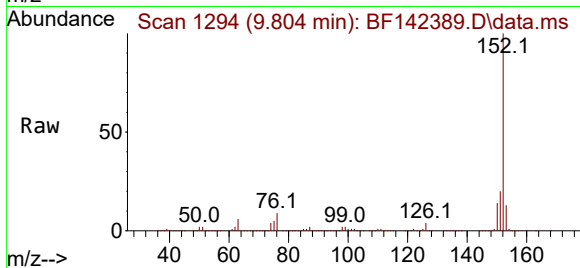
Tgt Ion:152 Resp: 1533127

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 48.324 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

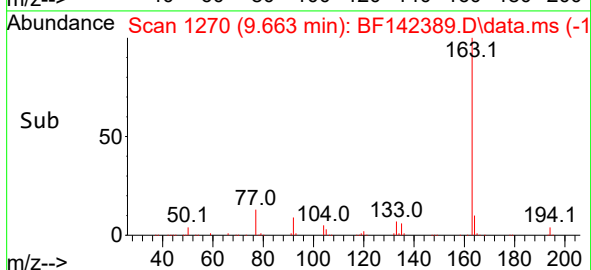
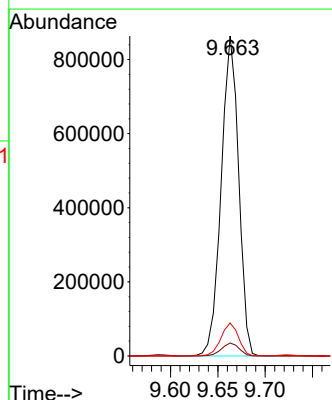
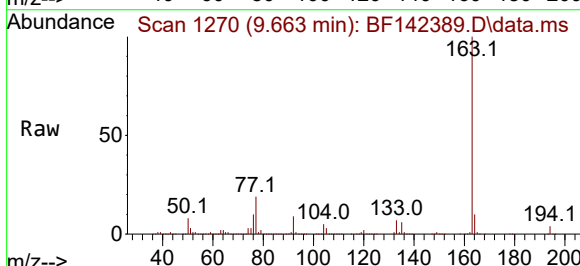
Tgt Ion:163 Resp: 1109141

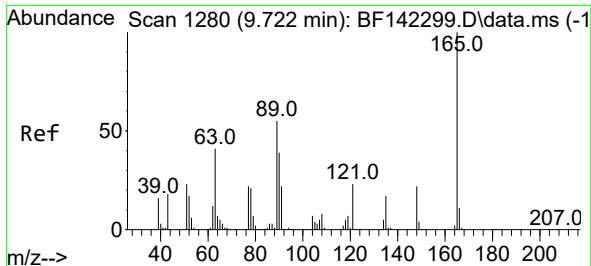
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.3 12.5

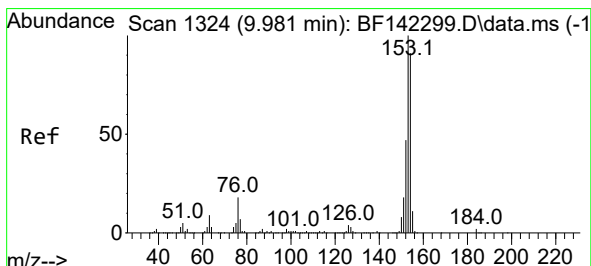
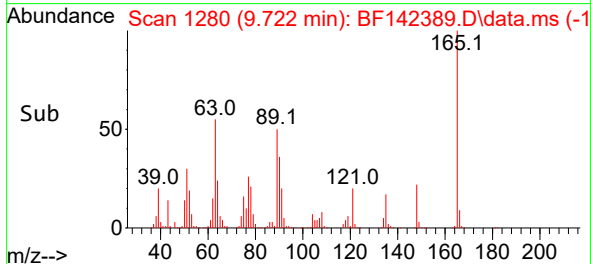
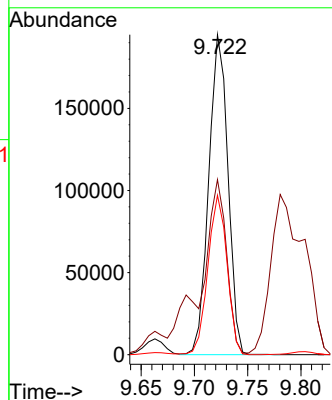
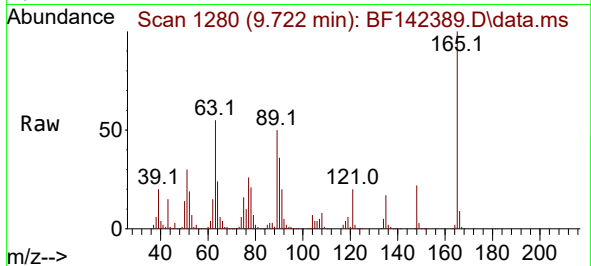




#51
2,6-Dinitrotoluene
Concen: 56.826 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

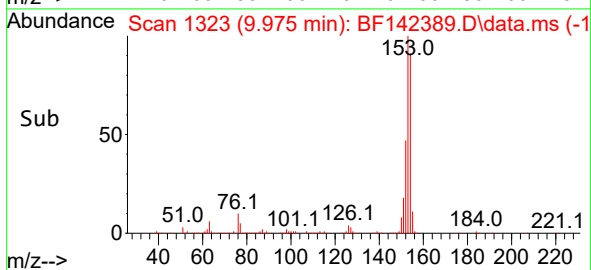
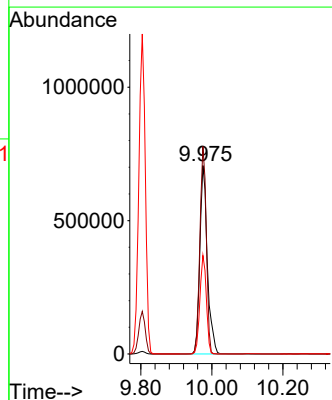
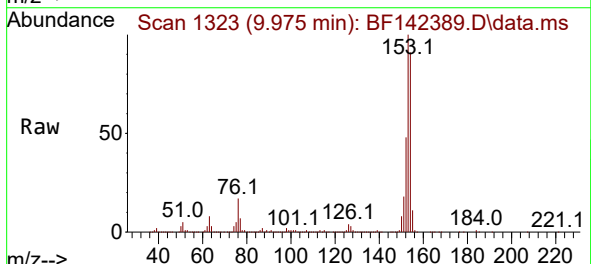
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

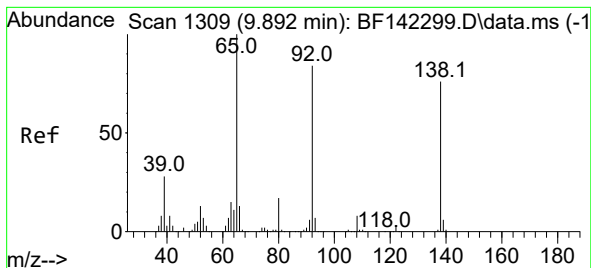
Tgt Ion:165 Resp: 244138
Ion Ratio Lower Upper
165 100
63 54.7 49.5 74.3
89 49.8 44.6 66.8



#52
Acenaphthene
Concen: 50.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:154 Resp: 1043039
Ion Ratio Lower Upper
154 100
153 110.1 88.0 132.0
152 52.3 41.6 62.4





#53

3-Nitroaniline

Concen: 25.883 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

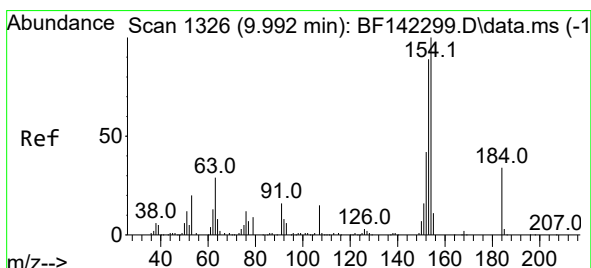
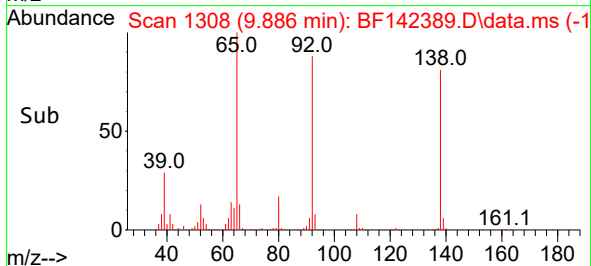
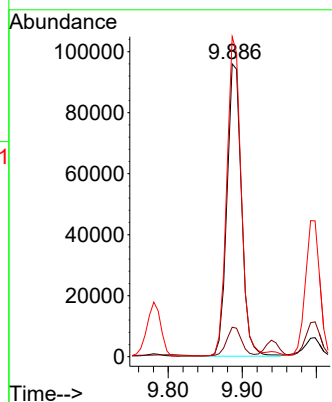
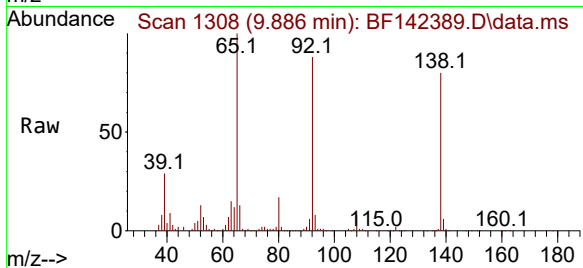
Tgt Ion:138 Resp: 130415

Ion Ratio Lower Upper

138 100

108 10.0 8.7 13.1

92 109.3 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 114.370 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

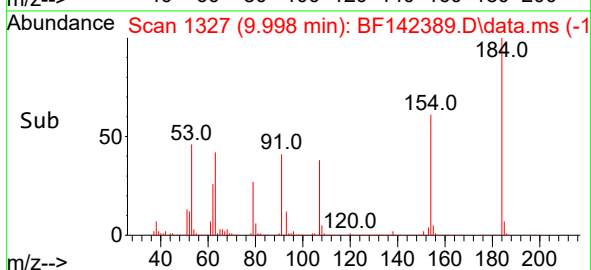
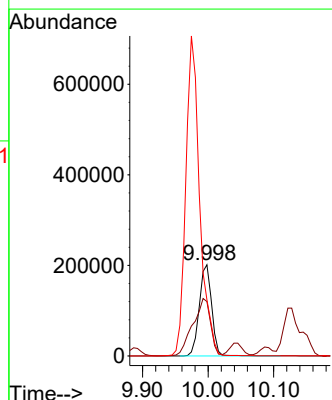
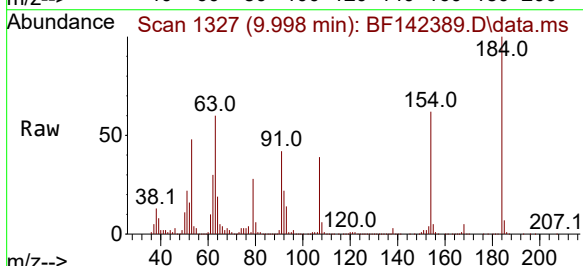
Tgt Ion:184 Resp: 265247

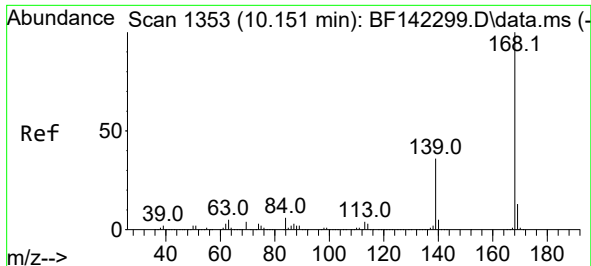
Ion Ratio Lower Upper

184 100

63 59.7 70.6 105.8#

154 61.7 257.2 385.8#

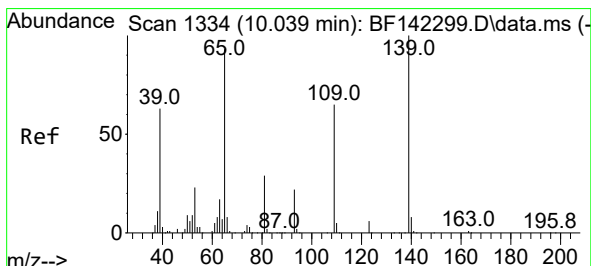
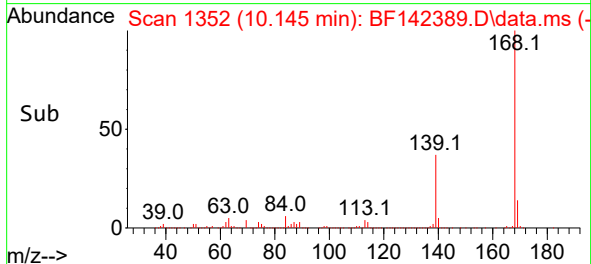
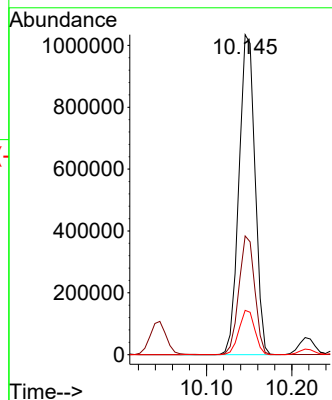
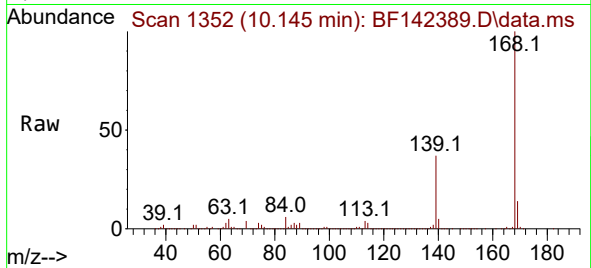




#55
Dibenzenofuran
Concen: 44.704 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

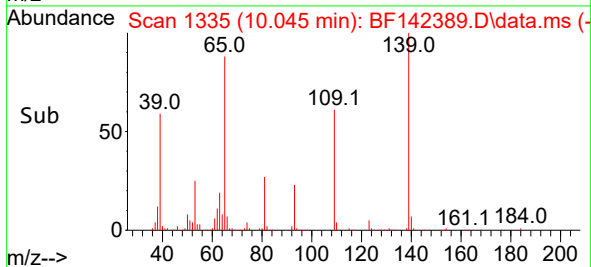
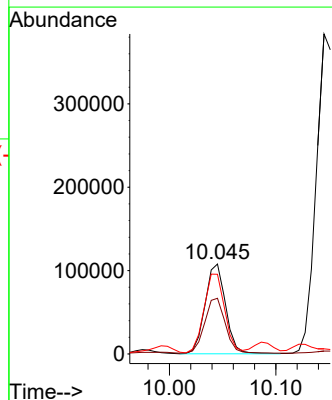
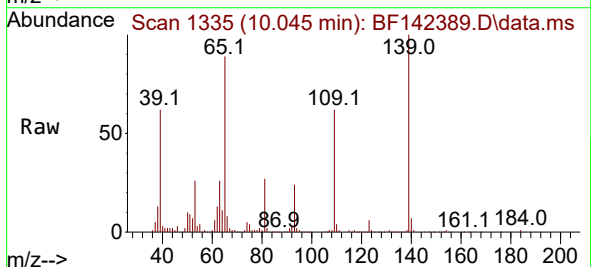
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

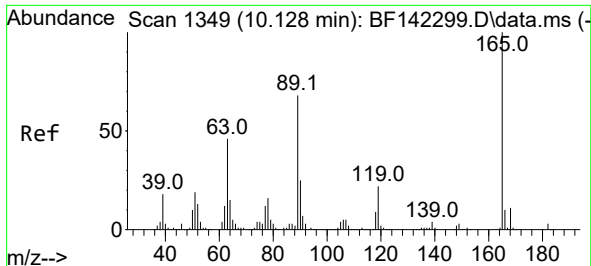
Tgt Ion:168 Resp: 1352552
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.4
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 37.888 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:139 Resp: 143679
Ion Ratio Lower Upper
139 100
109 62.0 45.3 85.3
65 88.7 73.9 113.9

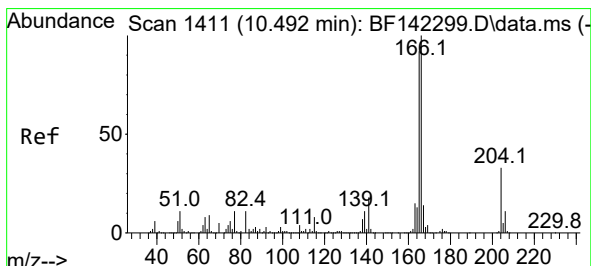
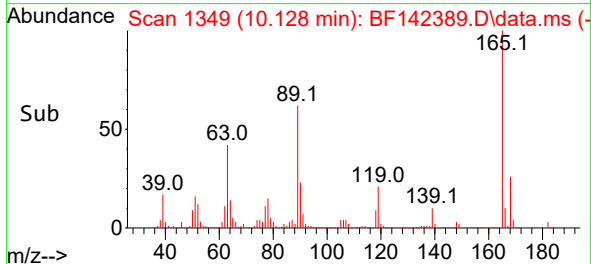
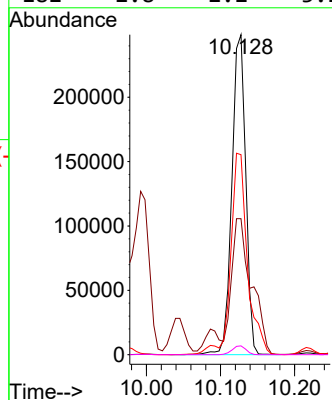
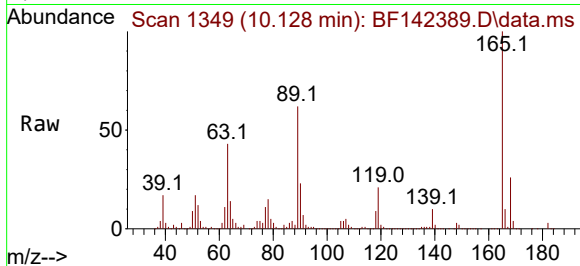




#57
2,4-Dinitrotoluene
Concen: 58.409 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

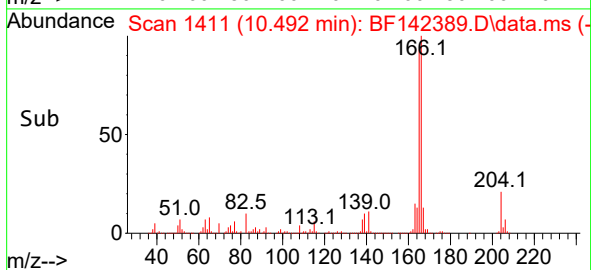
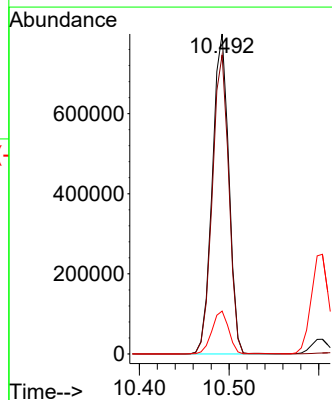
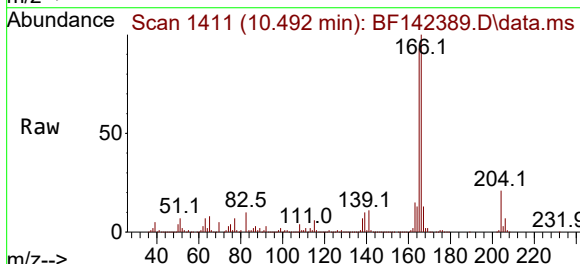
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

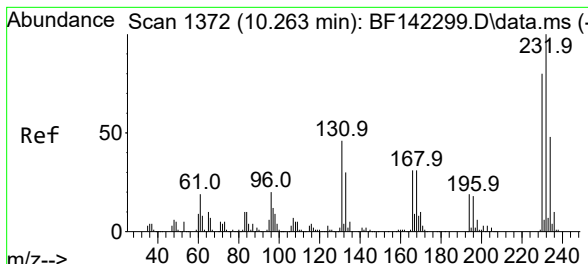
Tgt Ion:165 Resp: 321887
Ion Ratio Lower Upper
165 100
63 42.5 37.1 55.7
89 62.5 54.4 81.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.166 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:166 Resp: 1019788
Ion Ratio Lower Upper
166 100
165 93.4 74.0 111.0
167 13.4 10.9 16.3



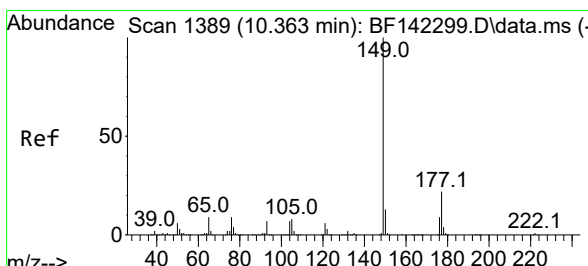
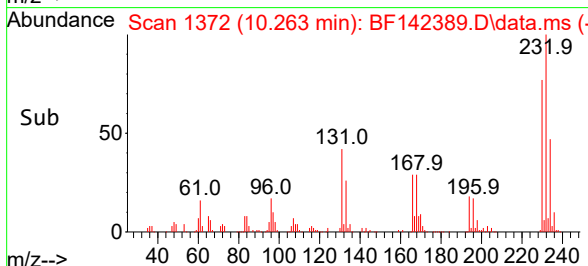
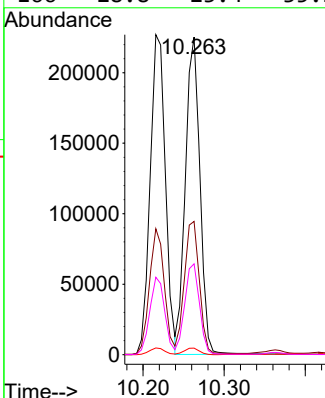
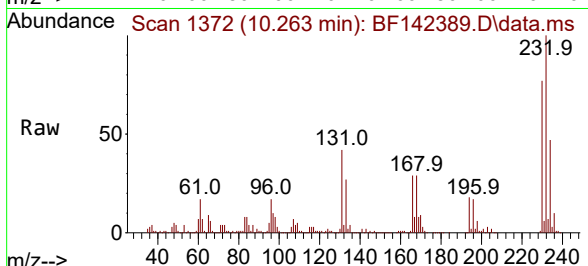


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.862 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:232 Resp: 281314

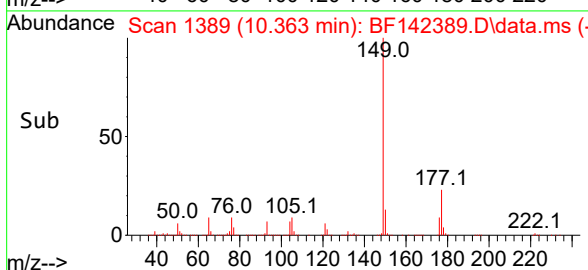
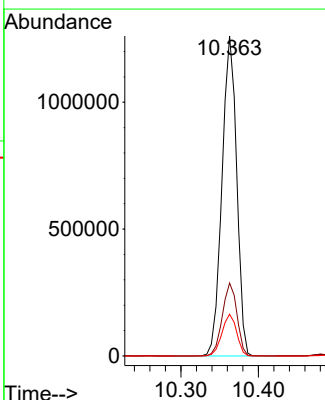
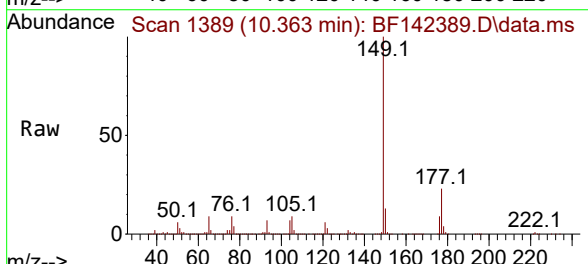
Ion	Ratio	Lower	Upper
232	100		
131	42.6	36.0	54.0
130	2.2	1.8	2.6
166	28.8	23.4	35.2

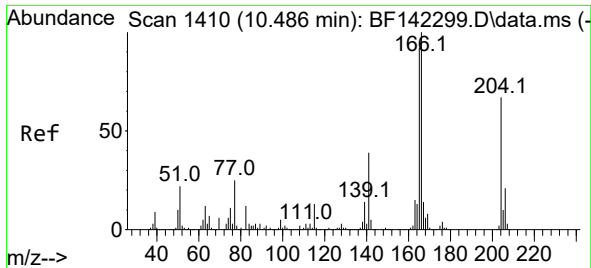


#60
Diethylphthalate
Concen: 72.520 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 1662268

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.6	26.4
150	13.1	10.1	15.1

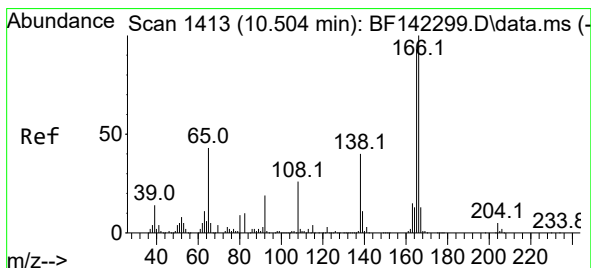
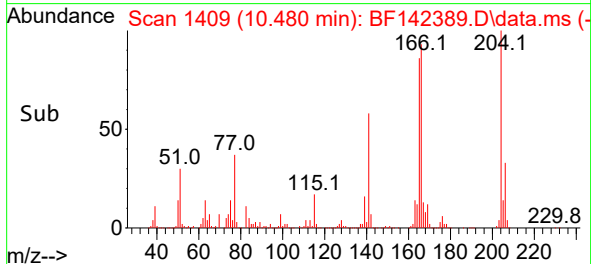
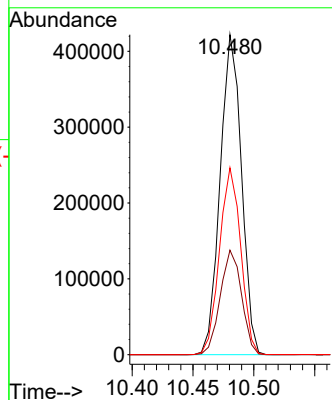
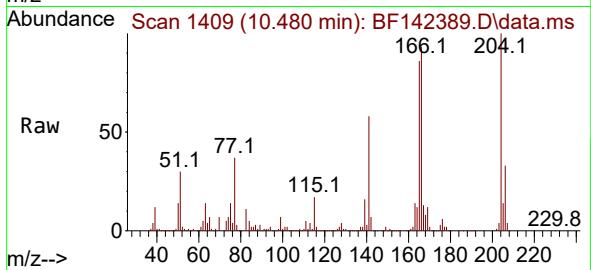




#61
4-Chlorophenyl-phenylether
Concen: 46.190 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

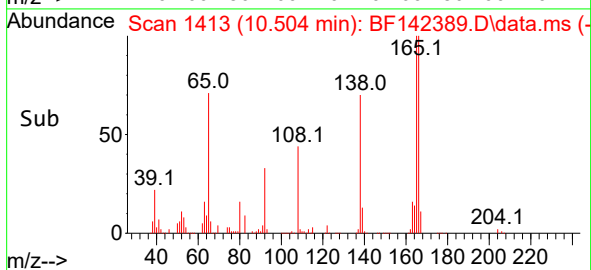
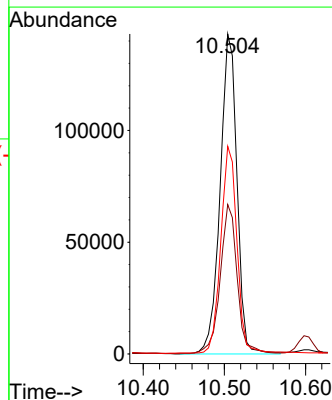
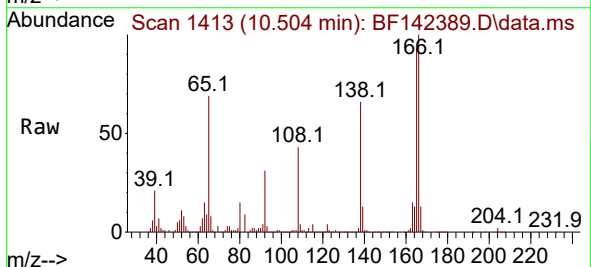
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

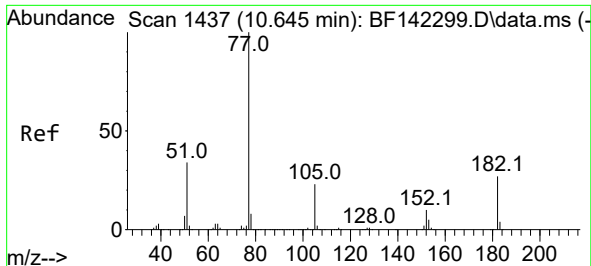
Tgt Ion:204 Resp: 514546
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 58.4 46.4 69.6



#62
4-Nitroaniline
Concen: 51.876 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:138 Resp: 207168
Ion Ratio Lower Upper
138 100
92 46.7 27.3 67.3
108 64.9 45.1 85.1

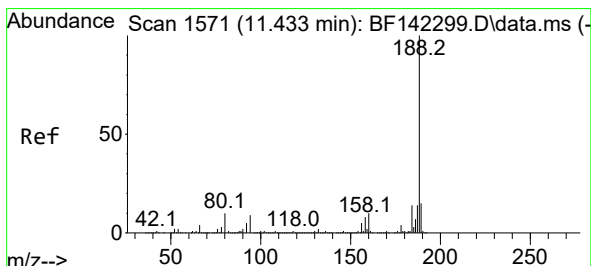
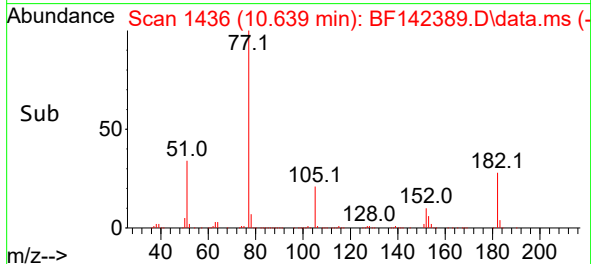
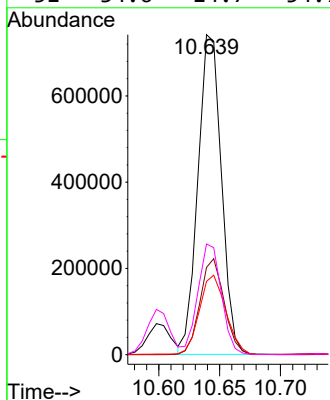
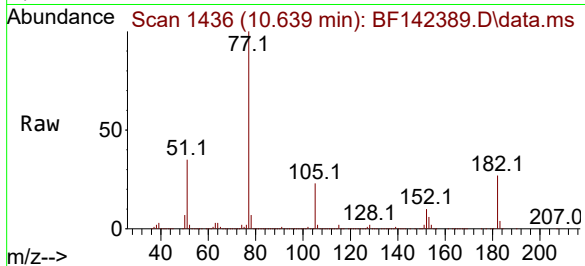




#63
Azobenzene
Concen: 45.468 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

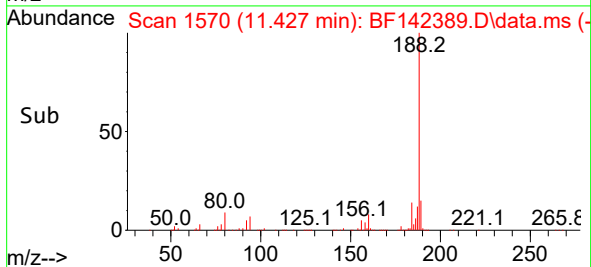
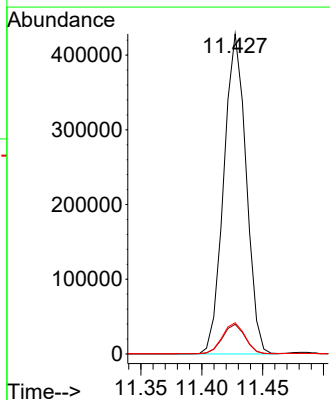
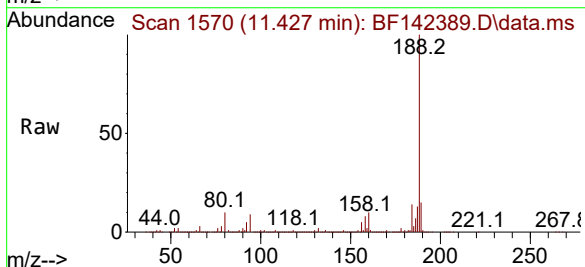
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

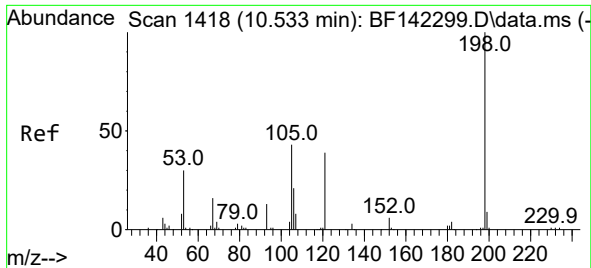
Tgt Ion:	77	Resp:	995905
Ion Ratio	Lower	Upper	
77	100		
182	27.3	6.9	46.9
105	22.9	2.7	42.7
51	34.6	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:	188	Resp:	546787
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.5	11.3
80	9.8	7.9	11.9

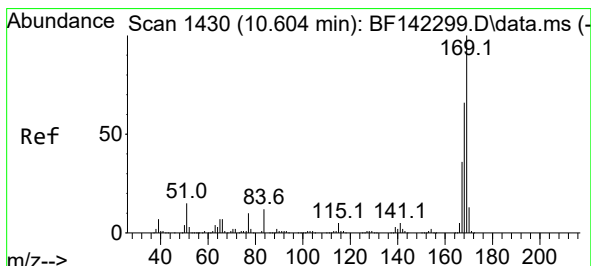
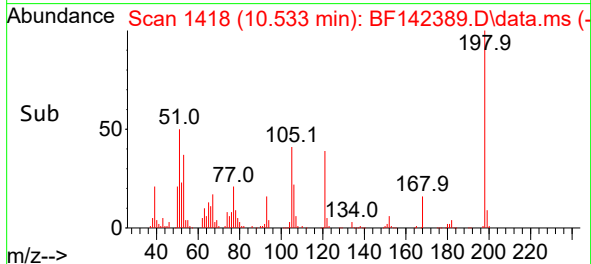
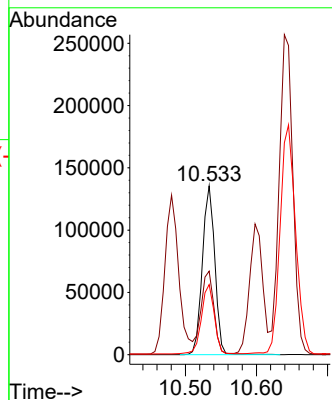
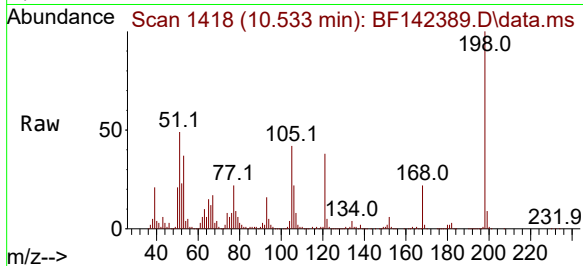




#65
4,6-Dinitro-2-methylphenol
Concen: 62.409 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

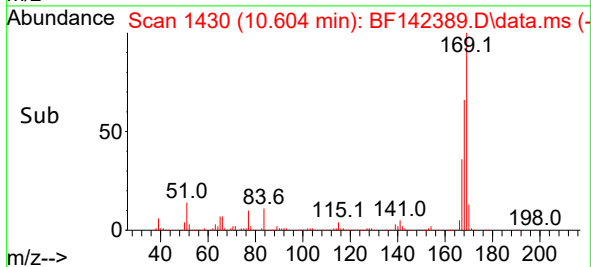
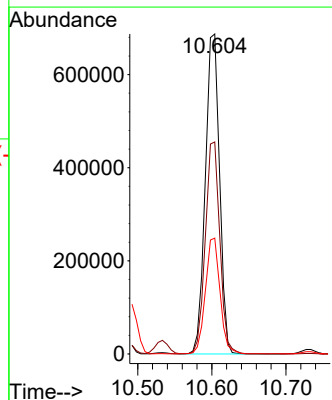
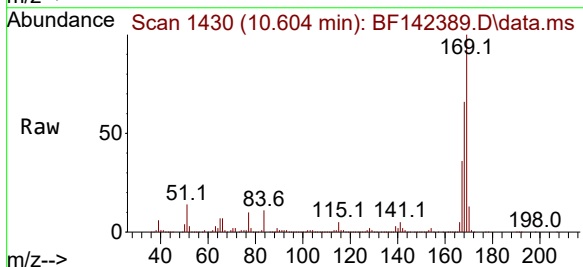
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

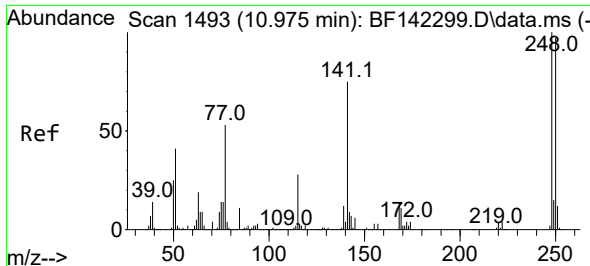
Tgt Ion:198 Resp: 165536
Ion Ratio Lower Upper
198 100
51 49.5 32.9 72.9
105 41.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 50.347 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:169 Resp: 916055
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.2 28.9 43.3

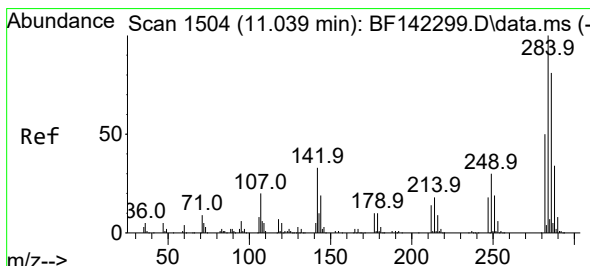
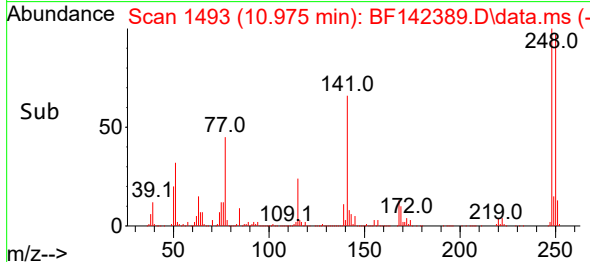
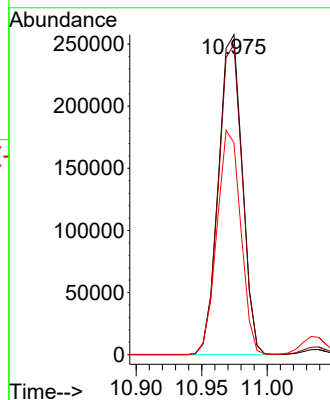
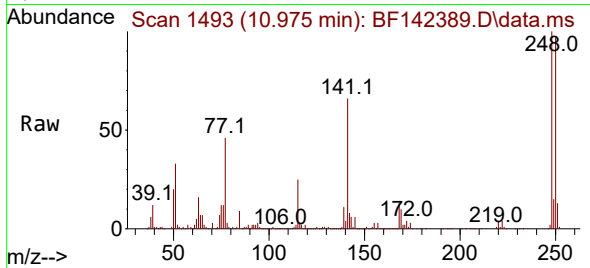




#67
4-Bromophenyl-phenylether
Concen: 52.554 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

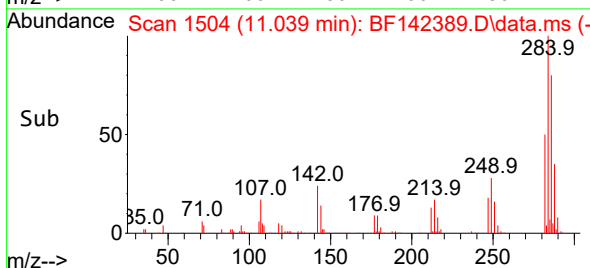
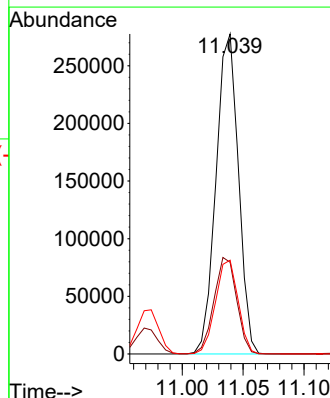
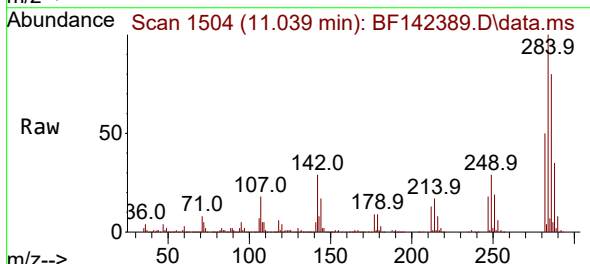
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

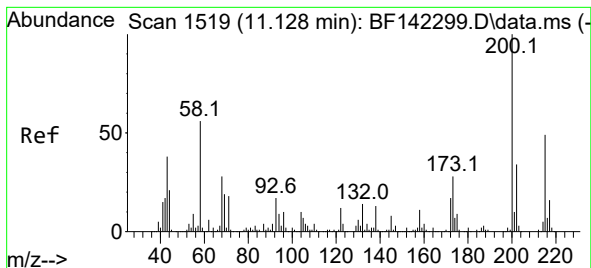
Tgt Ion:248 Resp: 325670
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 66.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 52.158 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:284 Resp: 355537
Ion Ratio Lower Upper
284 100
142 28.6 26.6 39.8
249 29.3 24.1 36.1





#69

Atrazine

Concen: 49.027 ng

RT: 11.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

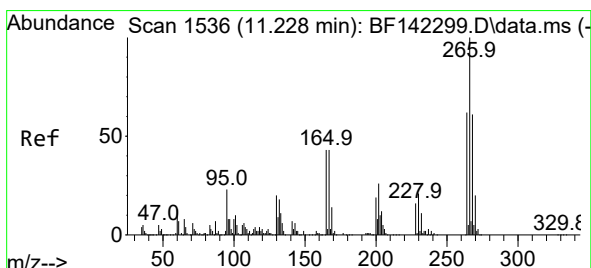
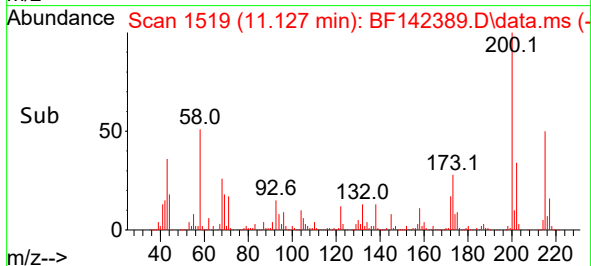
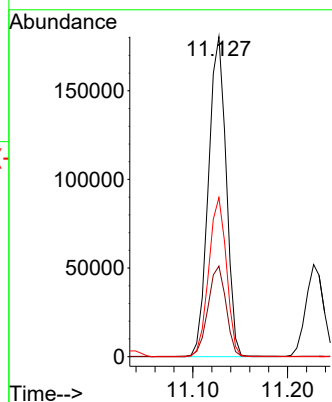
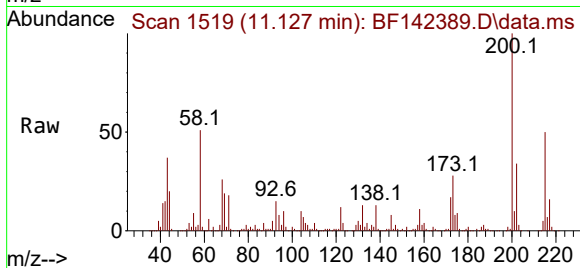
Tgt Ion:200 Resp: 235144

Ion Ratio Lower Upper

200 100

173 28.3 8.1 48.1

215 49.7 28.8 68.8



#70

Pentachlorophenol

Concen: 110.768 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

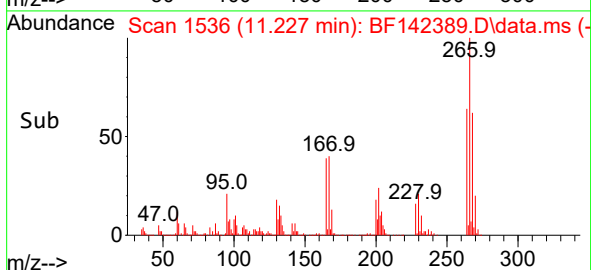
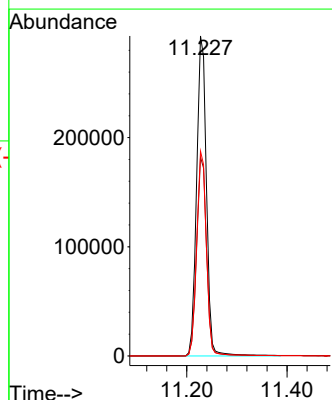
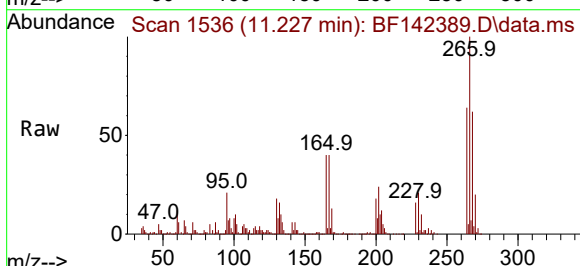
Tgt Ion:266 Resp: 397210

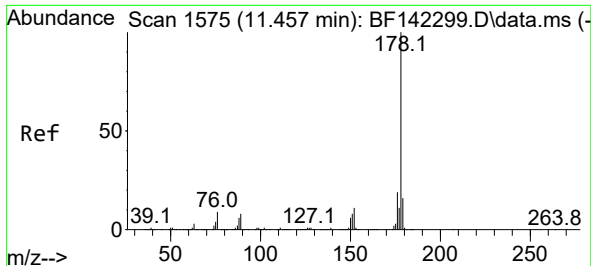
Ion Ratio Lower Upper

266 100

268 62.1 48.7 73.1

264 64.0 49.8 74.6

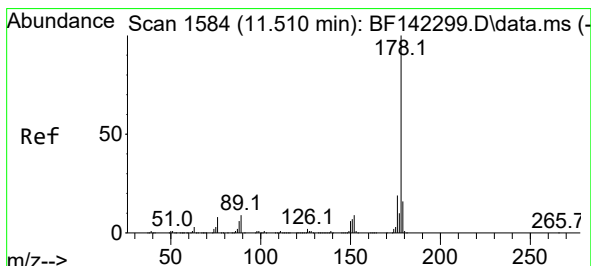
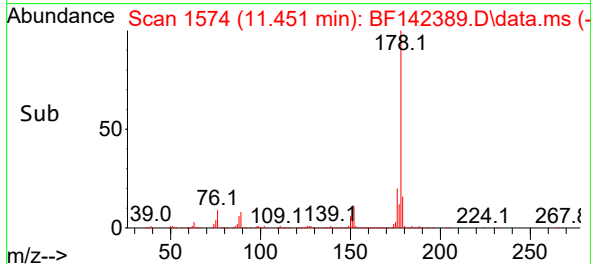
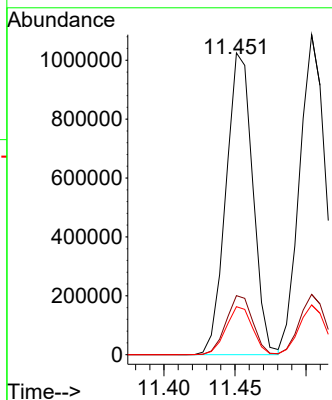
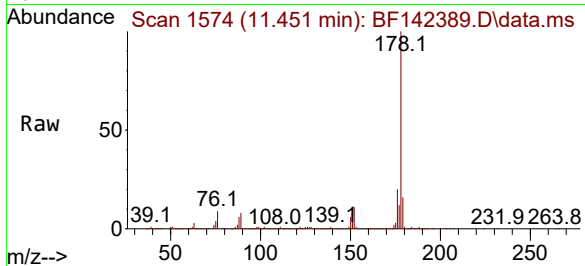




#71
Phenanthrene
Concen: 46.908 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

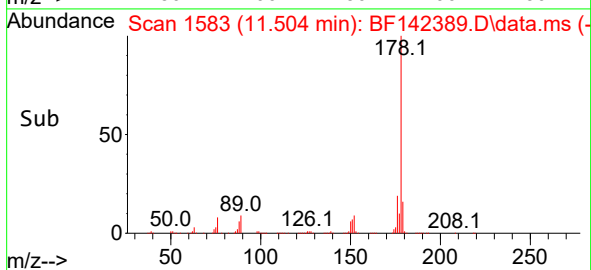
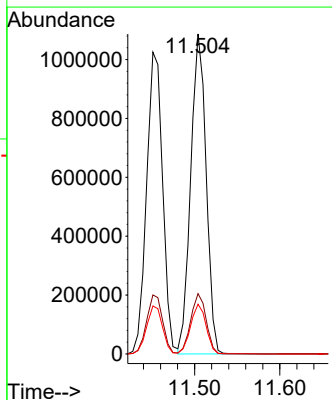
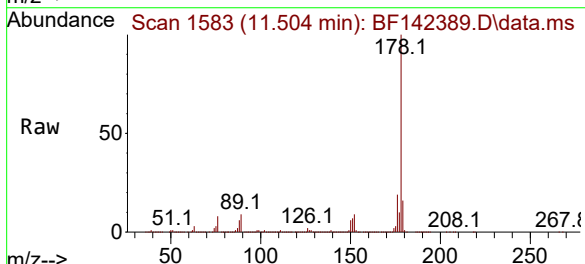
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

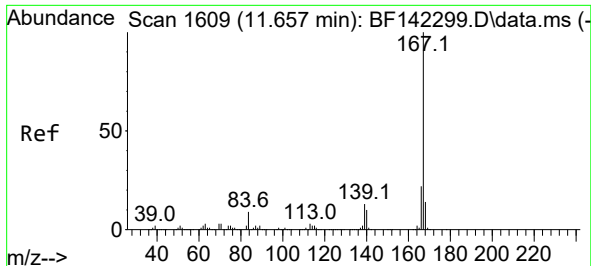
Tgt Ion:178 Resp: 1344429
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.9 12.6 18.8



#72
Anthracene
Concen: 46.389 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:178 Resp: 1366126
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.6 18.8



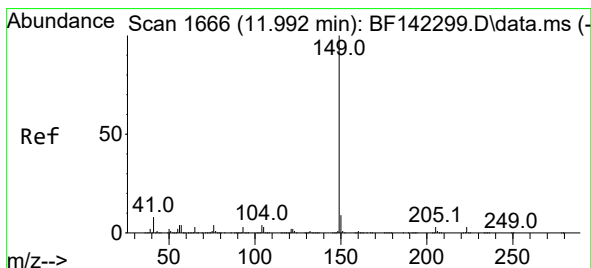
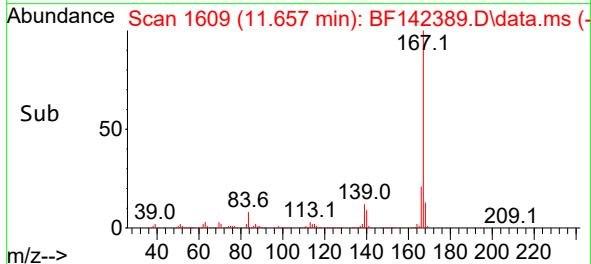
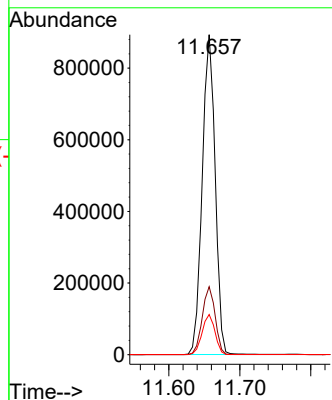
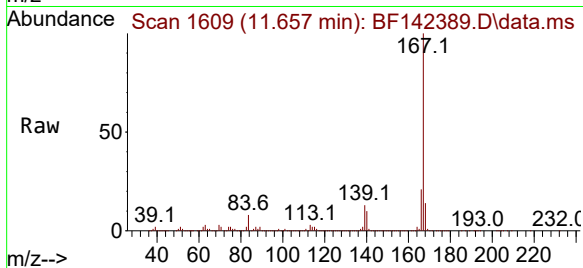


#73
 Carbazole
 Concen: 42.901 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MSD

Tgt Ion:167 Resp: 1133485

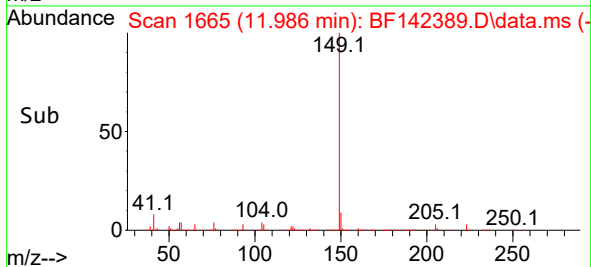
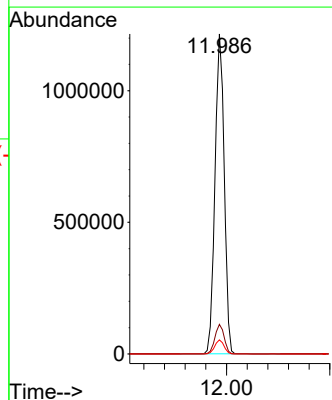
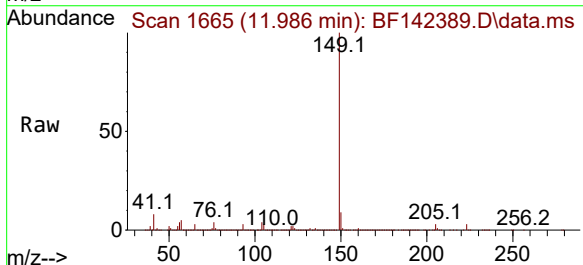
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.5	10.3	15.5

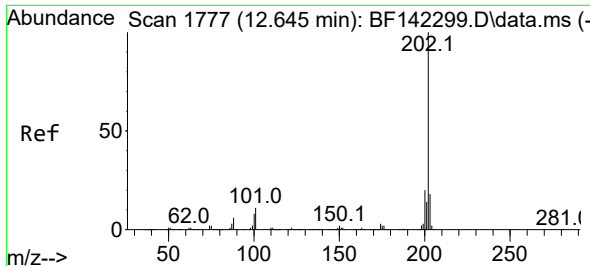


#74
 Di-n-butylphthalate
 Concen: 54.164 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 1504794

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.4	3.6	5.4

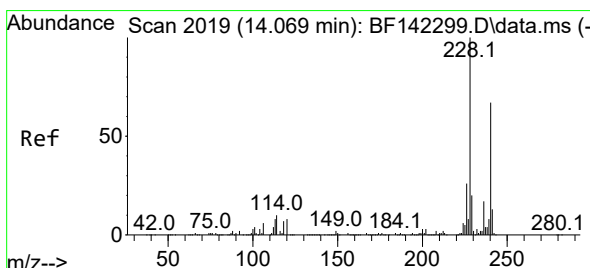
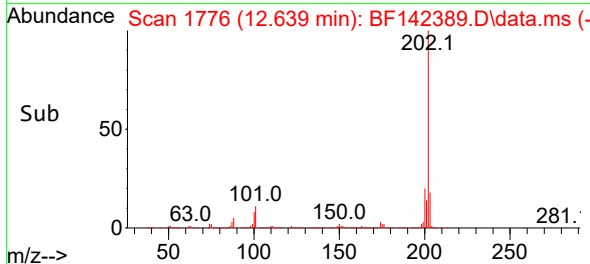
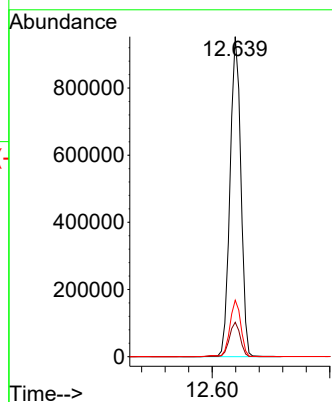
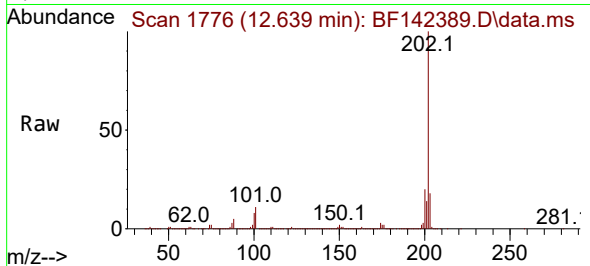




#75
Fluoranthene
Concen: 42.560 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

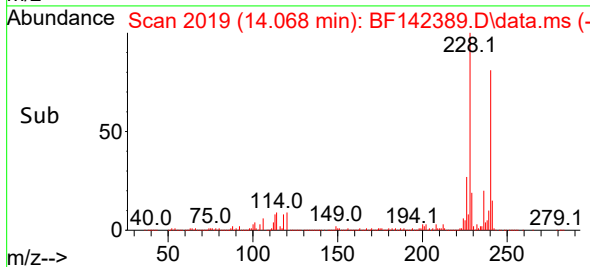
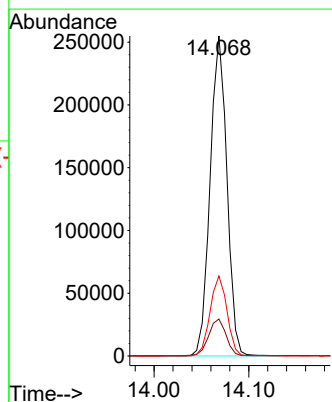
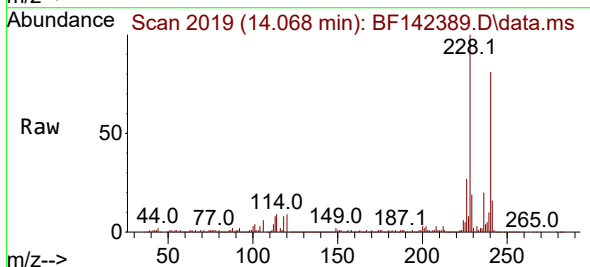
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

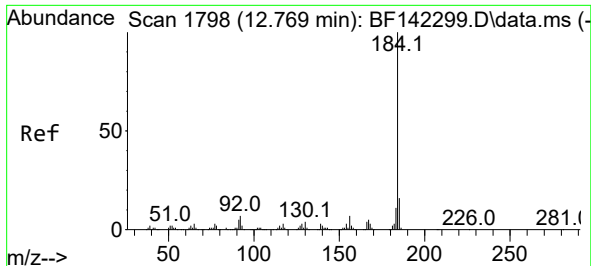
Tgt Ion:202 Resp: 1219362
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:240 Resp: 314221
Ion Ratio Lower Upper
240 100
120 11.6 9.7 14.5
236 25.0 20.0 30.0

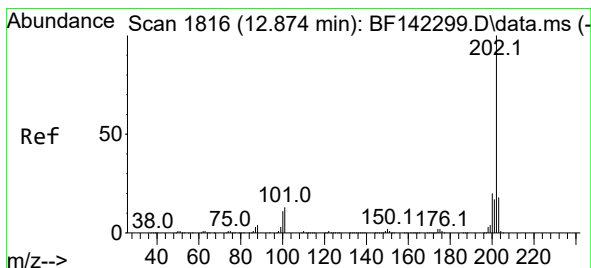
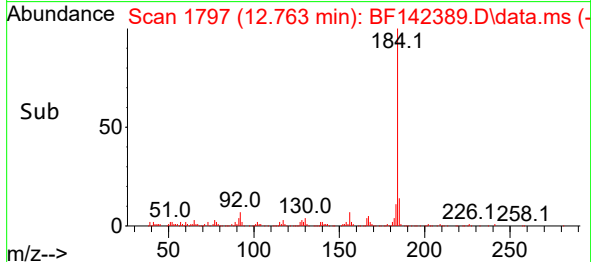
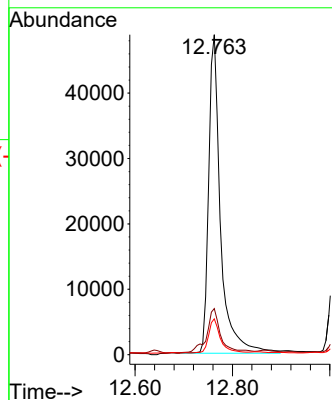
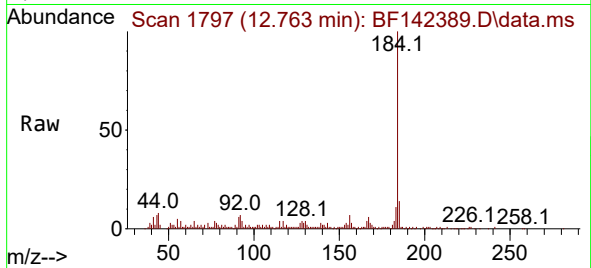




#77
Benzidine
Concen: 14.385 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

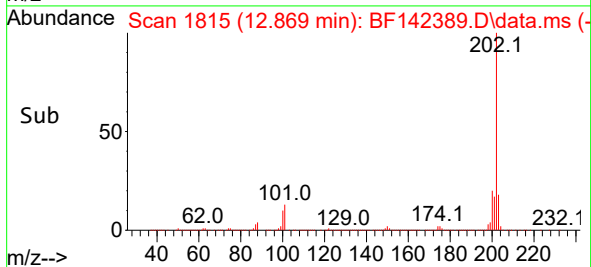
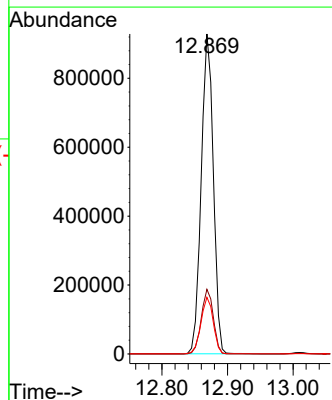
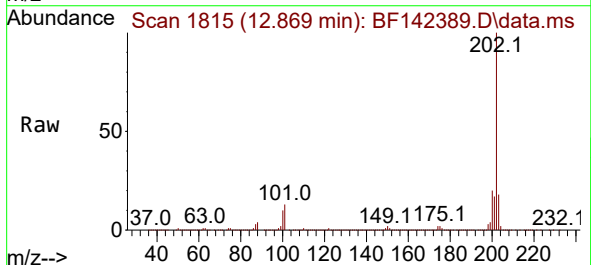
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

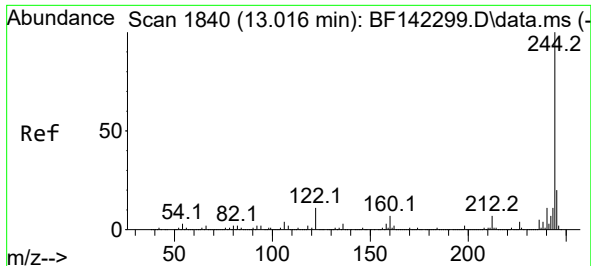
Tgt Ion:184 Resp: 82144
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 11.2 8.6 12.8



#78
Pyrene
Concen: 42.691 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:202 Resp: 1194024
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 17.7 14.3 21.5

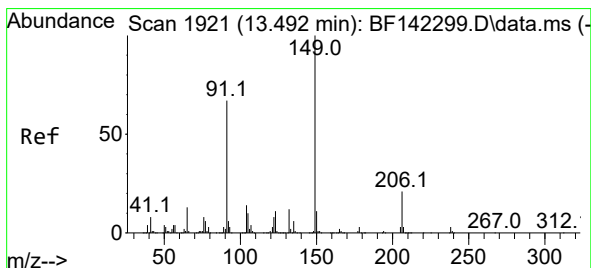
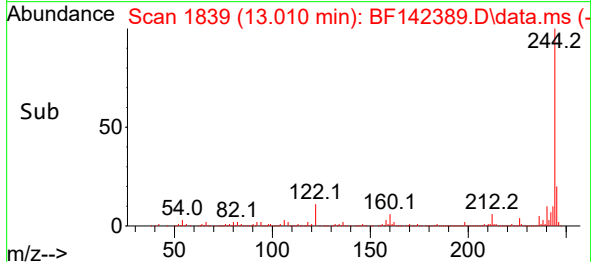
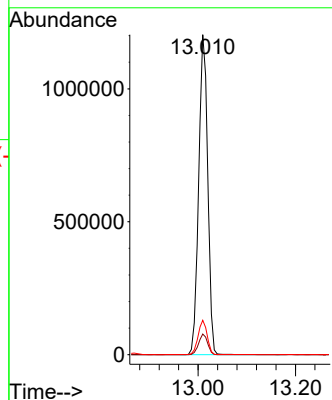
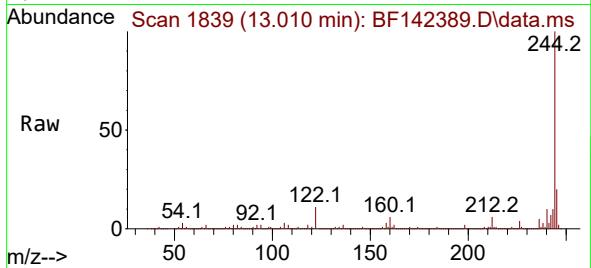




#79
 Terphenyl-d14
 Concen: 73.516 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

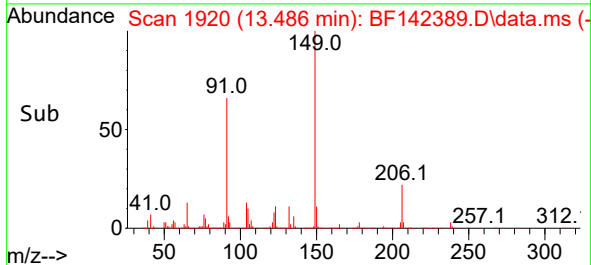
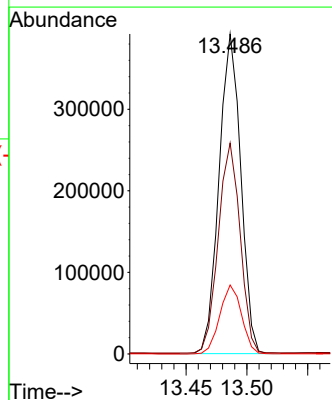
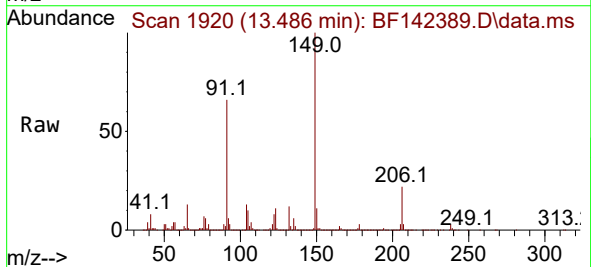
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MSD

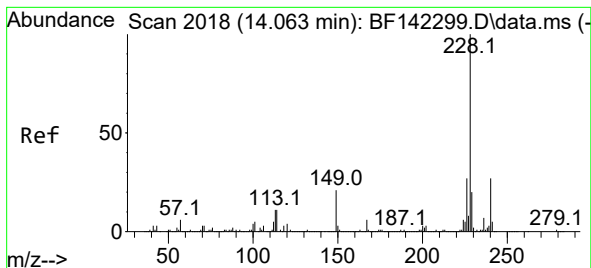
Tgt Ion:244 Resp: 1560715
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 58.801 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142389.D
 Acq: 15 May 2025 12:47

Tgt Ion:149 Resp: 487221
 Ion Ratio Lower Upper
 149 100
 91 65.9 53.8 80.6
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.680 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

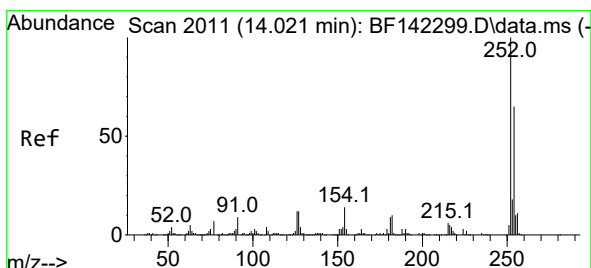
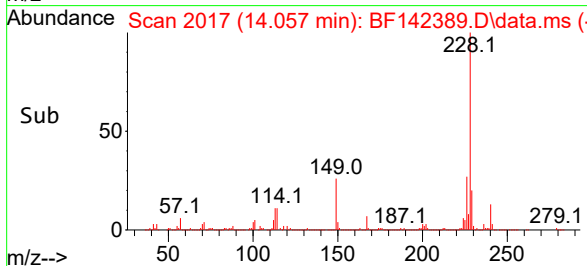
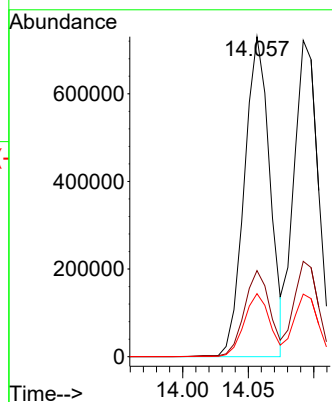
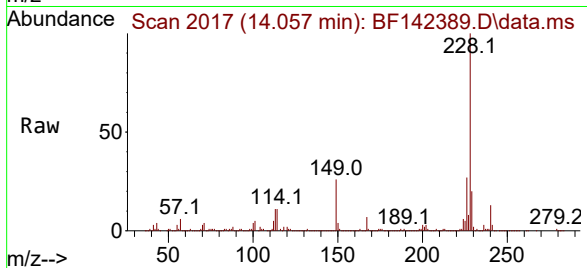
Tgt Ion:228 Resp: 990604

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.804 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

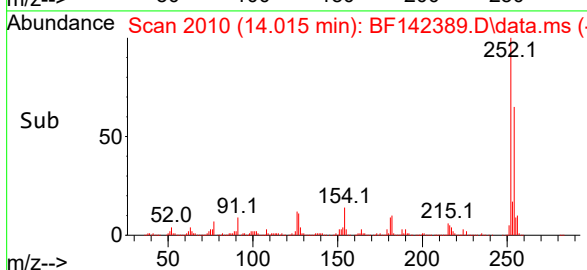
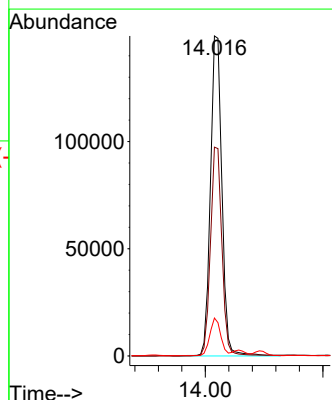
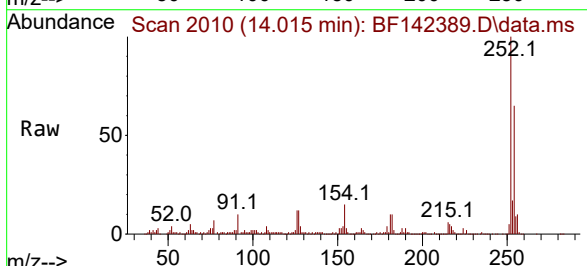
Tgt Ion:252 Resp: 202558

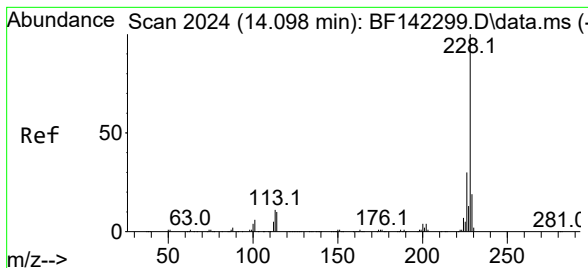
Ion Ratio Lower Upper

252 100

254 65.2 52.0 78.0

126 11.8 9.7 14.5





#83

Chrysene

Concen: 48.508 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

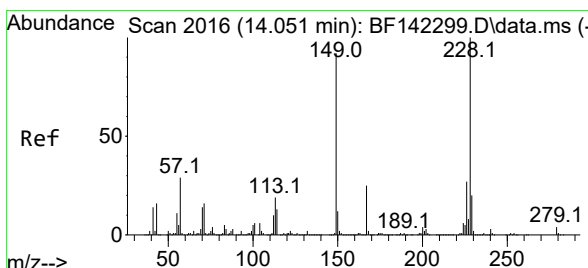
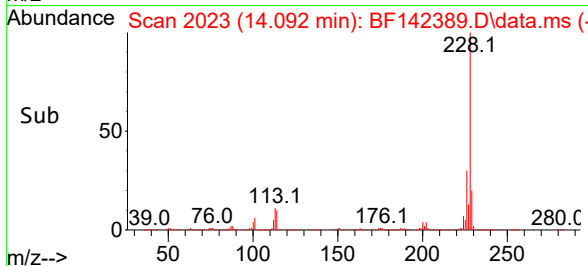
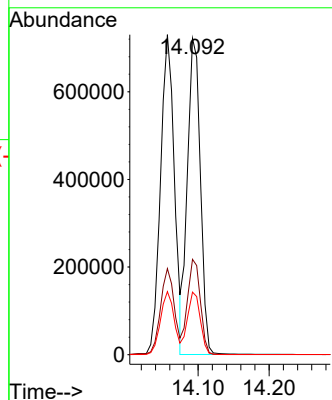
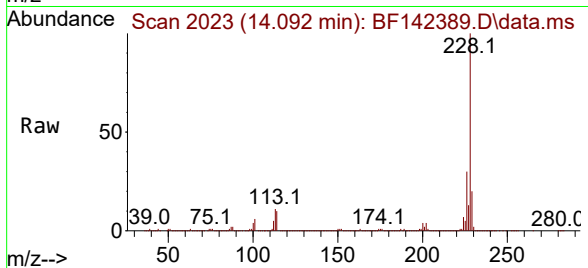
Tgt Ion:228 Resp: 918925

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.948 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

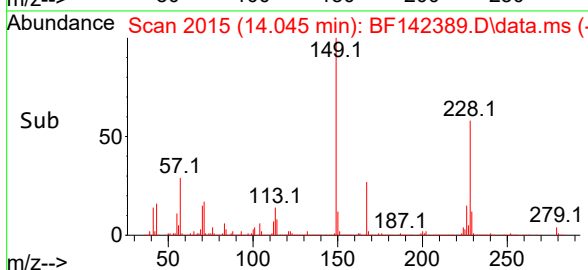
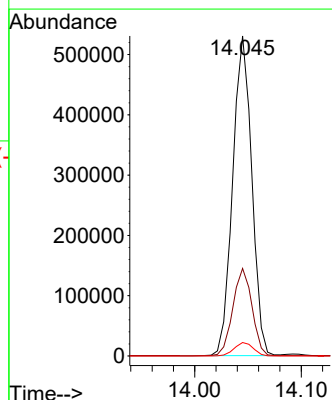
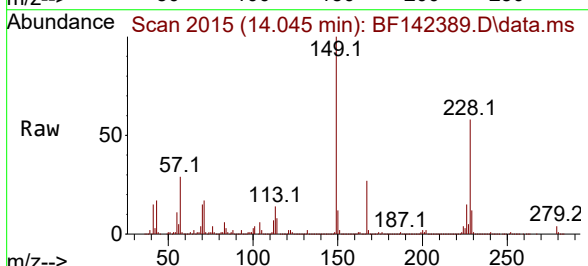
Tgt Ion:149 Resp: 661166

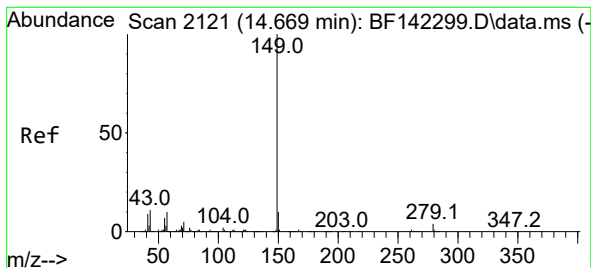
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 57.300 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

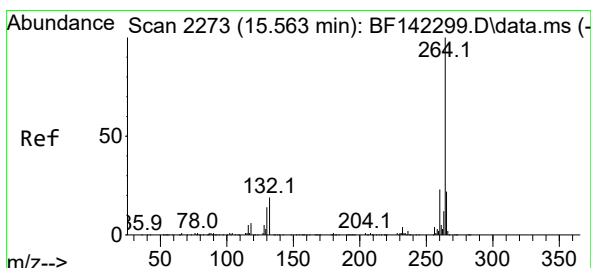
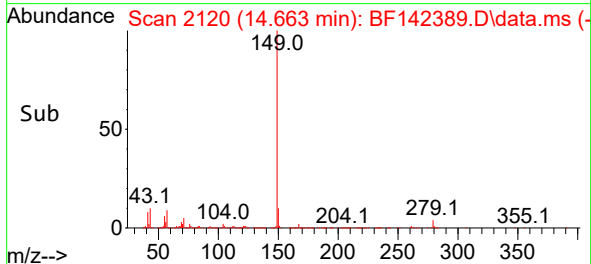
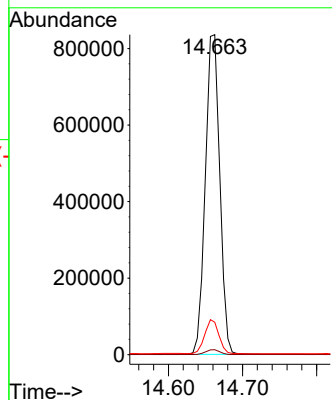
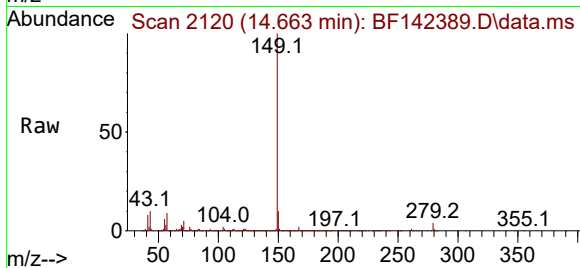
Tgt Ion:149 Resp: 1132929

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.3 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: BF142389.D

Acq: 15 May 2025 12:47

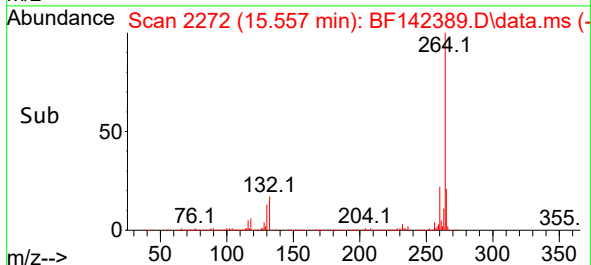
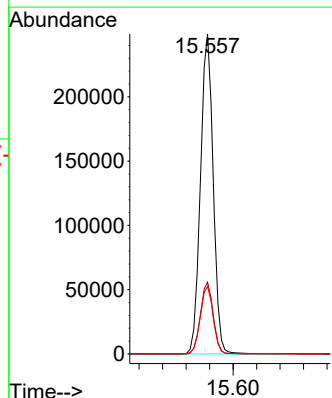
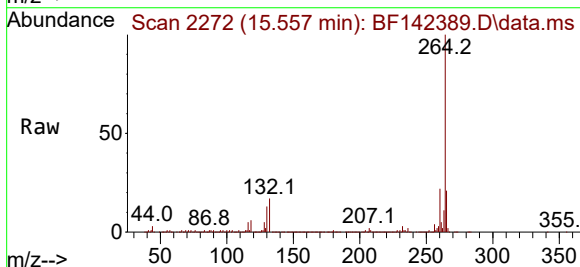
Tgt Ion:264 Resp: 374057

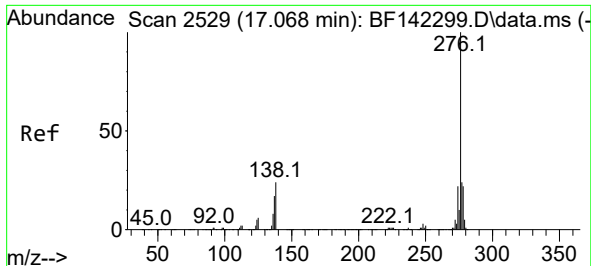
Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.2 17.5 26.3

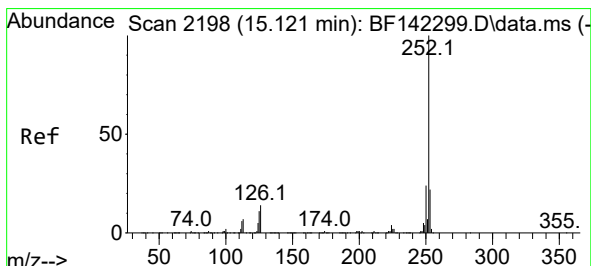
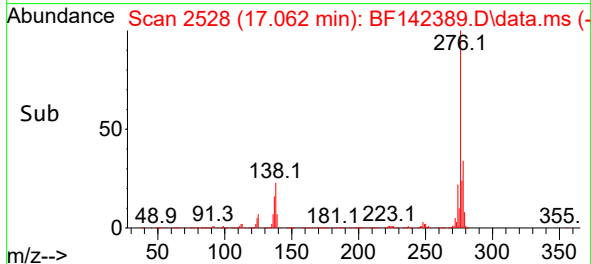
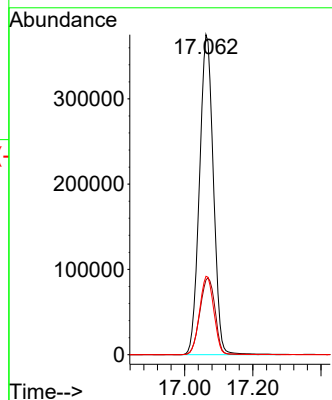
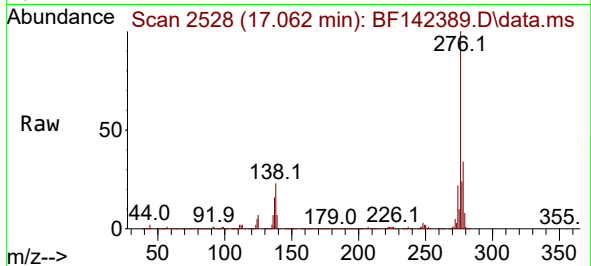




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.822 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

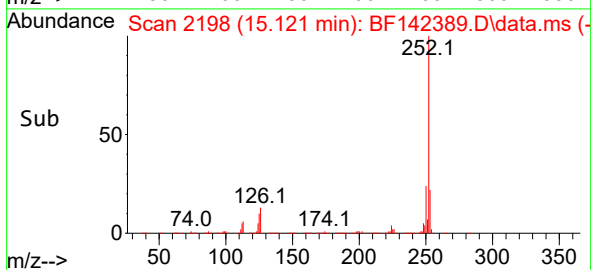
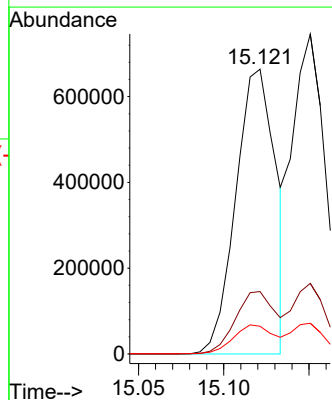
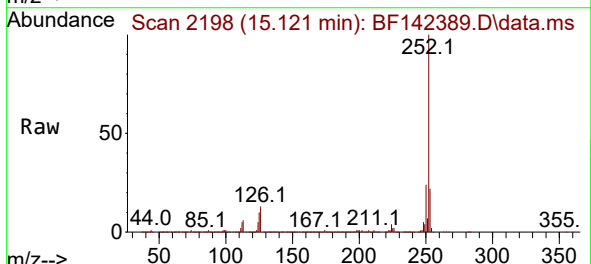
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

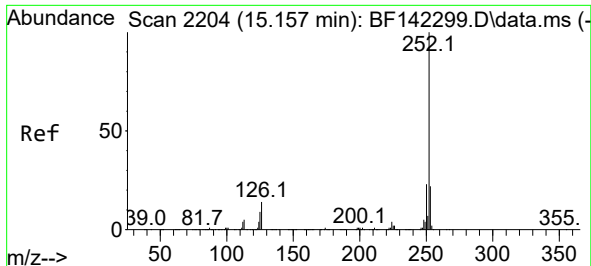
Tgt Ion:276 Resp: 1062226
Ion Ratio Lower Upper
276 100
138 26.1 22.0 33.0
277 25.2 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.563 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:252 Resp: 1077537
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.7 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 48.525 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MSD

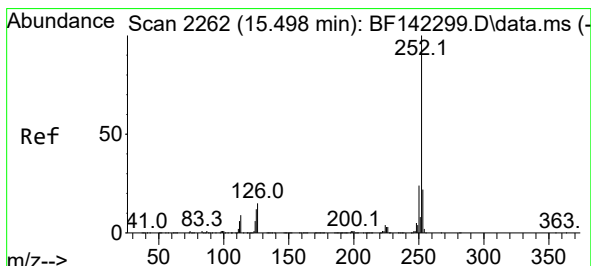
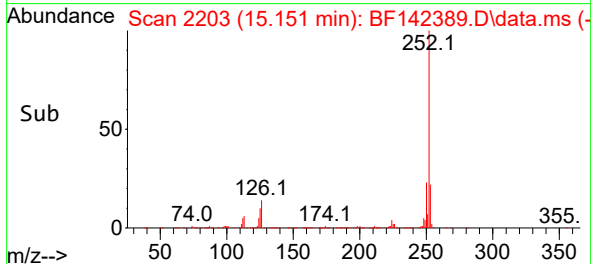
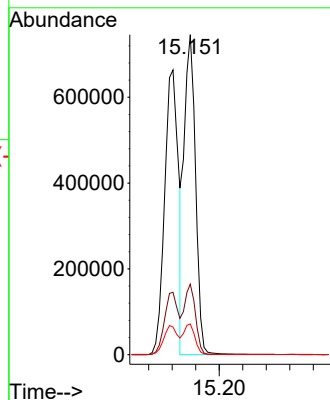
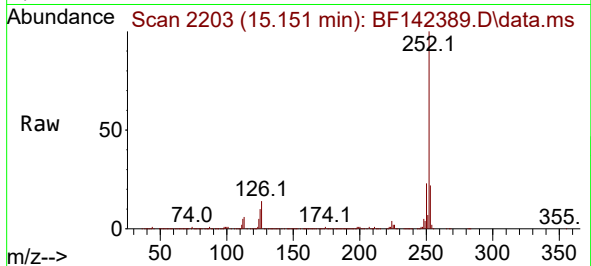
Tgt Ion:252 Resp: 1006024

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 50.310 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142389.D

Acq: 15 May 2025 12:47

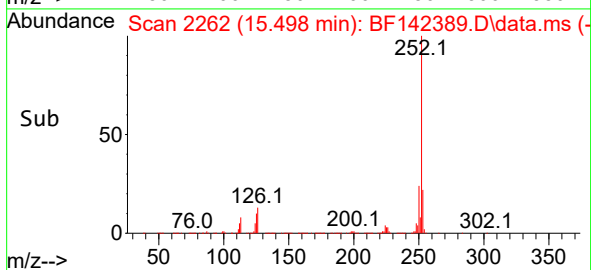
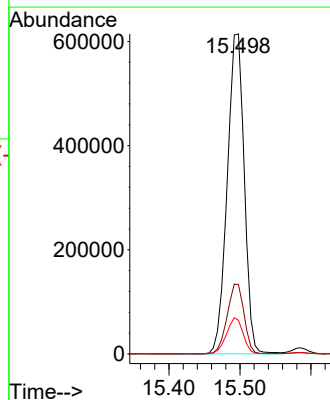
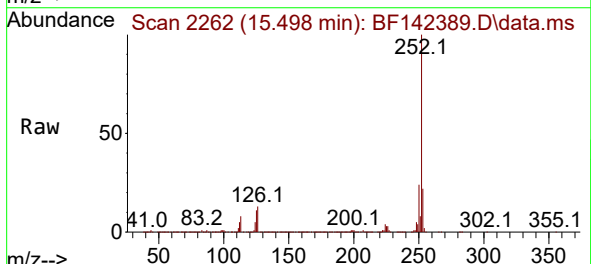
Tgt Ion:252 Resp: 1021358

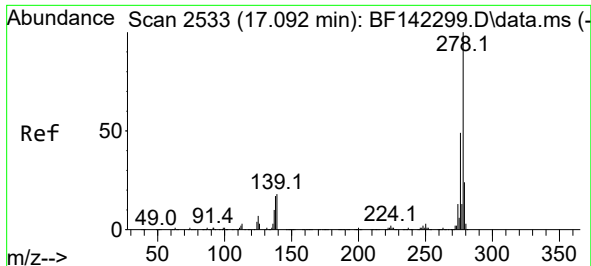
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.6 9.4 14.0

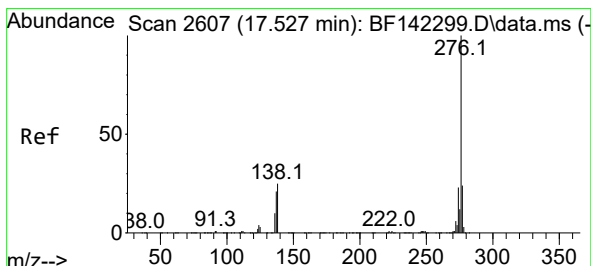
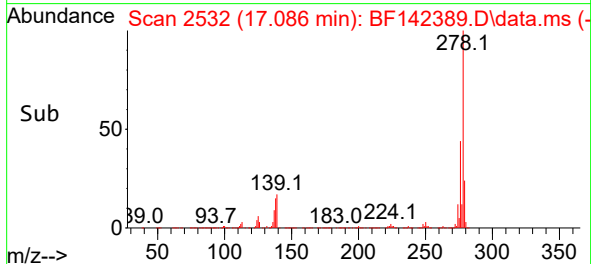
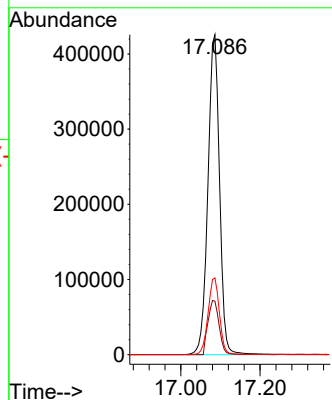
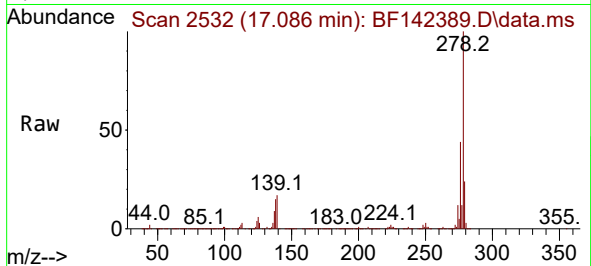




#91
Dibenzo(a,h)anthracene
Concen: 40.405 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Tgt Ion:278 Resp: 868581
Ion Ratio Lower Upper
278 100
139 16.7 14.5 21.7
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 37.770 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142389.D
Acq: 15 May 2025 12:47

Tgt Ion:276 Resp: 805852
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.9 19.8 29.6

