

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142736.D
 Acq On : 11 Jun 2025 15:50
 Operator : RC/JU
 Sample : Q2268-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MSD

Quant Time: Jun 11 16:36:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	58463	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	206678	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	103506	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	162996	20.000	ng	0.00
76) Chrysene-d12	14.069	240	132941	20.000	ng	0.00
86) Perylene-d12	15.563	264	159622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	191950	55.919	ng	0.00
7) Phenol-d6	6.522	99	171018	42.334	ng	0.00
23) Nitrobenzene-d5	7.457	82	299422	79.286	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	135616	119.547	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	634996	81.505	ng	0.00
79) Terphenyl-d14	13.004	244	574248	59.327	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	29373	21.622	ng	94
3) Pyridine	3.469	79	73497	21.577	ng	97
4) n-Nitrosodimethylamine	3.405	42	43599	25.017	ng	98
6) Aniline	6.551	93	110101	20.363	ng	97
8) 2-Chlorophenol	6.675	128	137072	36.540	ng	100
9) Benzaldehyde	6.446	77	112971	45.158	ng	# 1
10) Phenol	6.534	94	77804	17.327	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	140014	41.746	ng	100
12) 1,3-Dichlorobenzene	6.834	146	144468	33.746	ng	98
13) 1,4-Dichlorobenzene	6.910	146	151410	34.996	ng	99
14) 1,2-Dichlorobenzene	7.063	146	140010	33.760	ng	99
15) Benzyl Alcohol	7.034	79	95965	31.430	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	216361	40.973	ng	98
17) 2-Methylphenol	7.146	107	91152	31.696	ng	# 93
18) Hexachloroethane	7.428	117	149457	96.394	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	105683	41.093	ng	99
20) 3+4-Methylphenols	7.298	107	100948	27.843	ng	# 61
22) Acetophenone	7.298	105	320733	69.764	ng	# 94
24) Nitrobenzene	7.475	77	164821	49.175	ng	95
25) Isophorone	7.716	82	278022	43.481	ng	98
26) 2-Nitrophenol	7.793	139	83640	44.714	ng	98
27) 2,4-Dimethylphenol	7.828	122	138371	43.448	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	174273	43.899	ng	99
29) 2,4-Dichlorophenol	8.034	162	122185	41.572	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	136801	42.122	ng	100
31) Naphthalene	8.204	128	1455072	142.354	ng	98
32) Benzoic acid	7.916	122	40025	22.316	ng	# 1
33) 4-Chloroaniline	8.245	127	72086	17.565	ng	97
34) Hexachlorobutadiene	8.316	225	83284	40.241	ng	100
35) Caprolactam	8.645	113	7595	9.573	ng	# 89
36) 4-Chloro-3-methylphenol	8.722	107	111607	36.519	ng	96
37) 2-Methylnaphthalene	8.892	142	500547	77.368	ng	99
38) 1-Methylnaphthalene	8.992	142	414215	61.803	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	142448	47.550	ng	99
41) Hexachlorocyclopentadiene	9.045	237	157179	81.747	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	90630	46.735	ng	99

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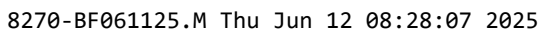
Instrument :
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 ClientSampleId :
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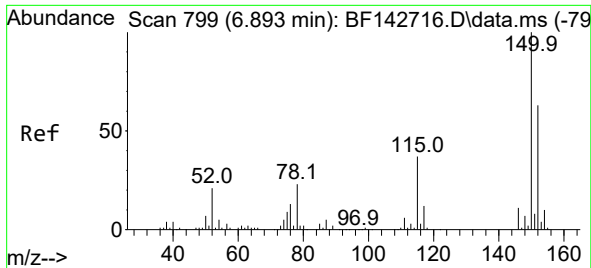
Quant Time: Jun 11 16:36:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	91792	43.825	ng	99
46) 1,1'-Biphenyl	9.351	154	383000	47.652	ng	100
47) 2-Chloronaphthalene	9.381	162	279708	47.237	ng	98
48) 2-Nitroaniline	9.475	65	76517	45.434	ng	100
49) Acenaphthylene	9.798	152	458958	45.968	ng	99
50) Dimethylphthalate	9.651	163	317587	45.948	ng	100
51) 2,6-Dinitrotoluene	9.716	165	67327	45.069	ng	93
52) Acenaphthene	9.969	154	306842	49.568	ng	99
53) 3-Nitroaniline	9.881	138	34800	21.478	ng	99
54) 2,4-Dinitrophenol	9.992	184	66227	80.932	ng	93
55) Dibenzofuran	10.139	168	407323	46.208	ng	99
56) 4-Nitrophenol	10.045	139	40099	36.489	ng	96
57) 2,4-Dinitrotoluene	10.122	165	89902	45.517	ng	98
58) Fluorene	10.481	166	317178	45.564	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	74616	42.345	ng	# 96
60) Diethylphthalate	10.351	149	319130	46.563	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	153191	45.062	ng	98
62) 4-Nitroaniline	10.498	138	55849	38.528	ng	98
63) Azobenzene	10.634	77	267765	44.733	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	44445	43.543	ng	97
66) n-Nitrosodiphenylamine	10.592	169	261960	46.755	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	89155	46.339	ng	97
68) Hexachlorobenzene	11.034	284	98739	46.233	ng	98
69) Atrazine	11.122	200	76777	51.399	ng	98
70) Pentachlorophenol	11.228	266	111153	99.288	ng	99
71) Phenanthrene	11.445	178	421808	48.304	ng	99
72) Anthracene	11.498	178	418256	46.301	ng	99
73) Carbazole	11.651	167	378361	50.032	ng	99
74) Di-n-butylphthalate	11.980	149	480202	56.867	ng	100
75) Fluoranthene	12.633	202	422658	50.901	ng	99
78) Pyrene	12.869	202	426496	34.522	ng	99
80) Butylbenzylphthalate	13.480	149	196200	53.705	ng	99
81) Benzo(a)anthracene	14.057	228	407334	46.238	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	73280	25.795	ng	99
83) Chrysene	14.092	228	382346	47.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	286992	52.345	ng	100
85) Di-n-octyl phthalate	14.657	149	503310	47.849	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	502146	42.451	ng	99
88) Benzo(b)fluoranthene	15.121	252	472787	50.303	ng	99
89) Benzo(k)fluoranthene	15.151	252	389405	42.701	ng	100
90) Benzo(a)pyrene	15.498	252	415470	46.492	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	414794	42.946	ng	99
92) Benzo(g,h,i)perylene	17.539	276	389816	40.587	ng	99

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

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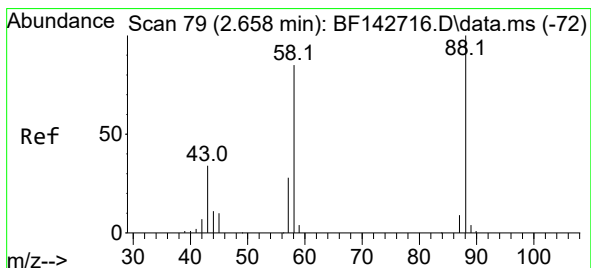
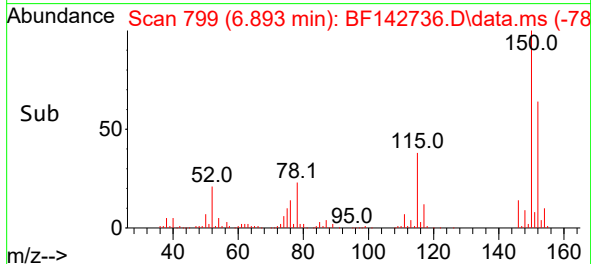
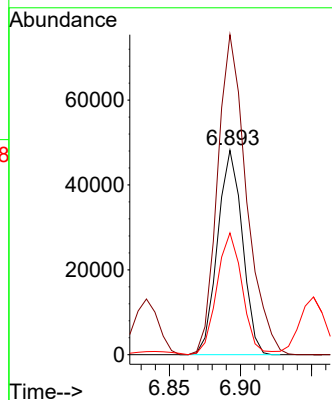
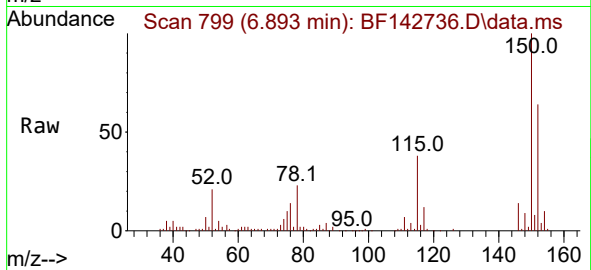




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

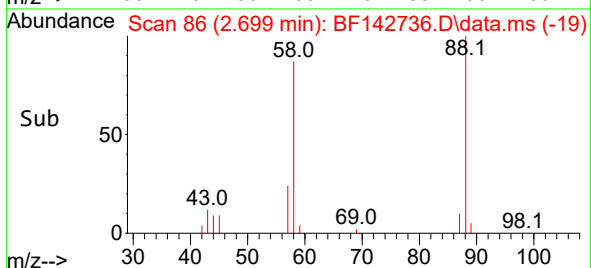
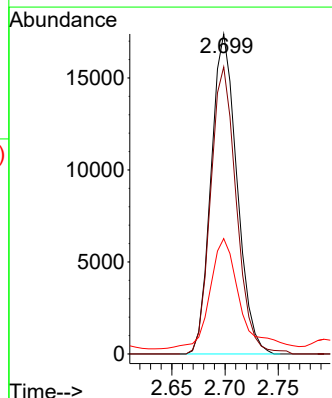
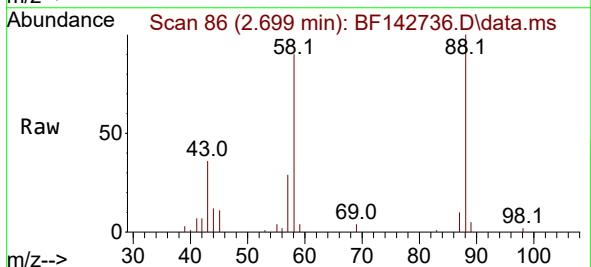
Instrument :
 BNA_F
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 MW-2-20250605MSD

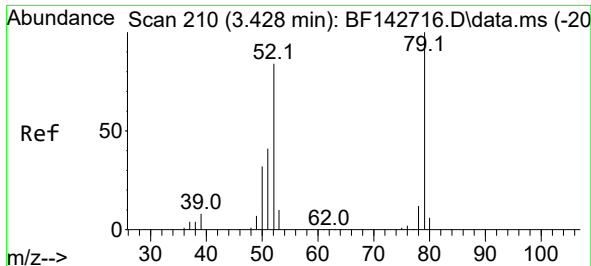
Tgt Ion:152 Resp: 58463
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.9 190.3
 115 59.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 21.622 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.041 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

Tgt Ion: 88 Resp: 29373
 Ion Ratio Lower Upper
 88 100
 58 89.2 68.4 102.6
 43 40.1 27.0 40.6

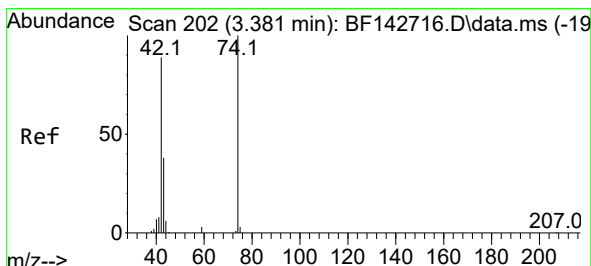
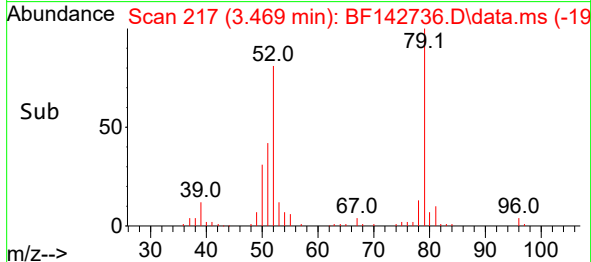
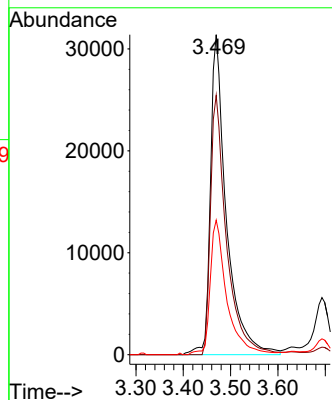
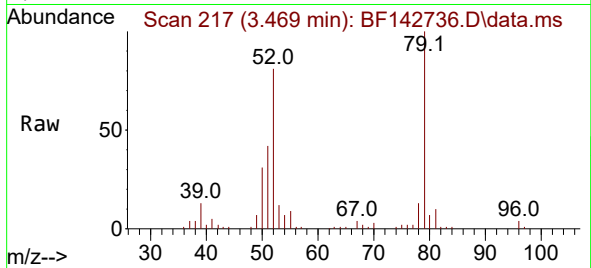




#3
Pyridine
Concen: 21.577 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

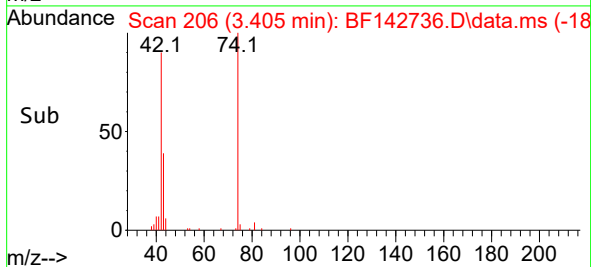
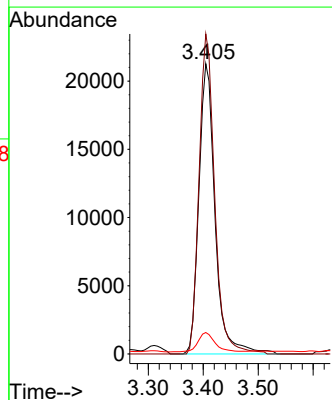
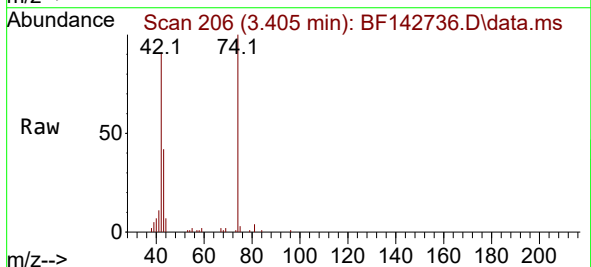
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

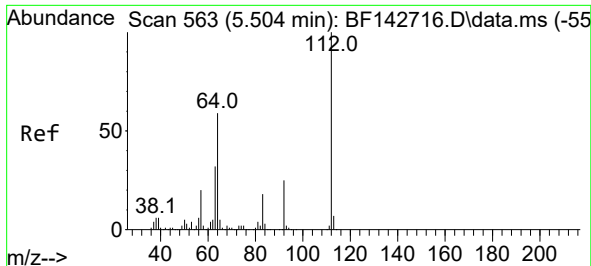
Tgt Ion: 79 Resp: 73497
Ion Ratio Lower Upper
79 100
52 81.0 67.1 100.7
51 42.0 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 25.017 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.024 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion: 42 Resp: 43599
Ion Ratio Lower Upper
42 100
74 110.2 89.6 134.4
44 7.4 5.4 8.2

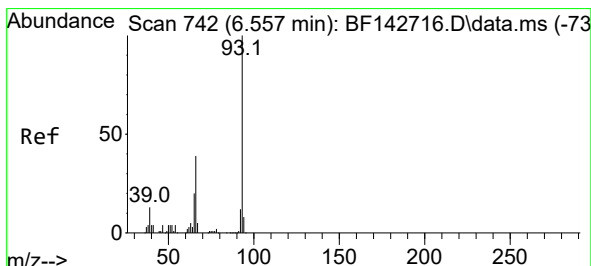
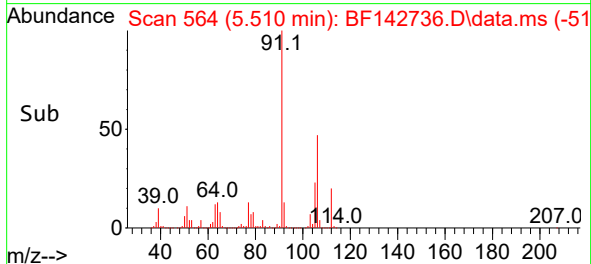
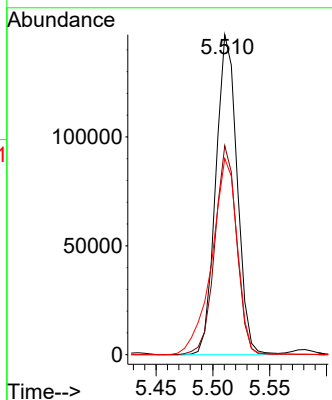
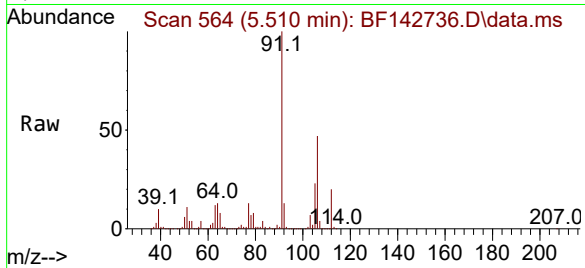




#5
2-Fluorophenol
Concen: 55.919 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

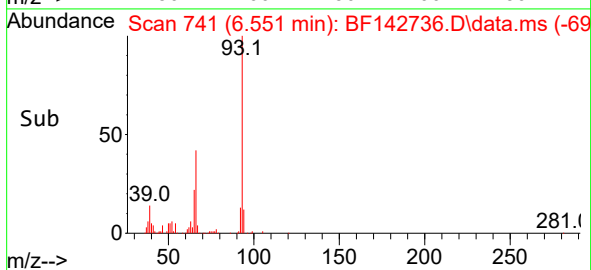
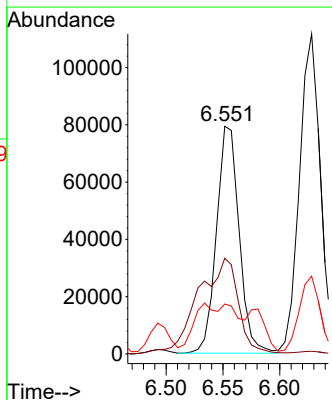
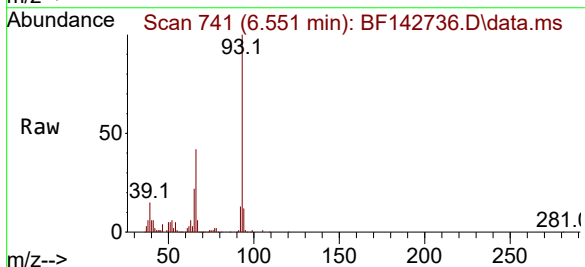
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ClientSampleId :
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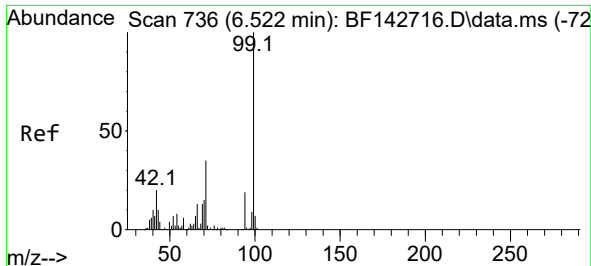
Tgt Ion:112 Resp: 191950
Ion Ratio Lower Upper
112 100
64 65.3 47.4 71.2
63 61.3 25.4 38.0#



#6
Aniline
Concen: 20.363 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion: 93 Resp: 110101
Ion Ratio Lower Upper
93 100
66 42.0 32.0 48.0
65 22.0 16.1 24.1

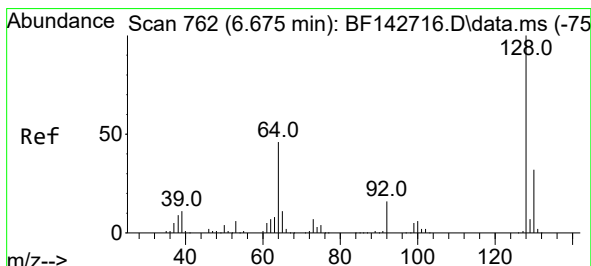
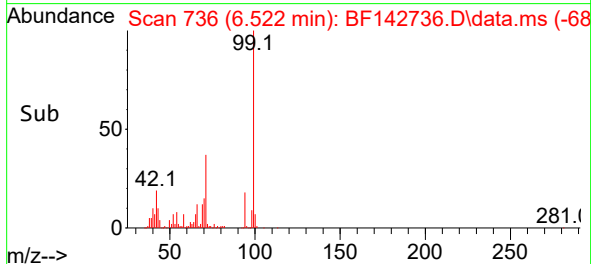
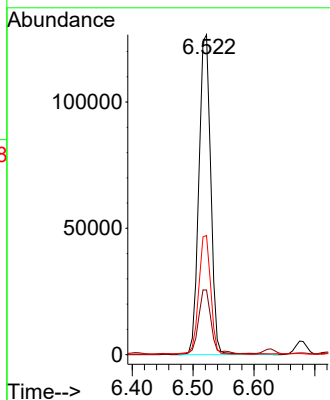
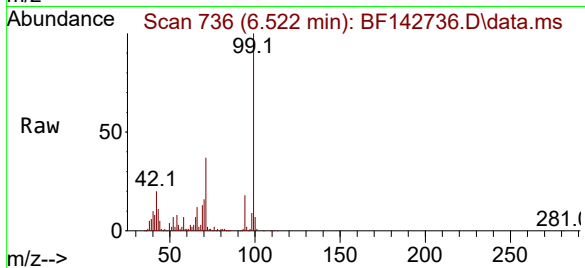




#7
Phenol-d6
Concen: 42.334 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

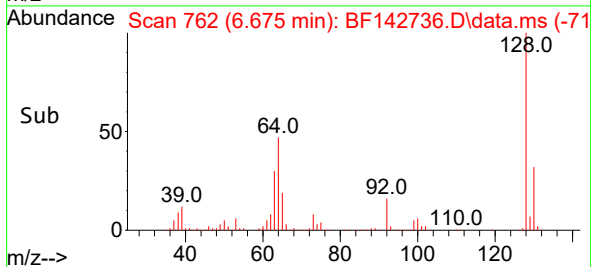
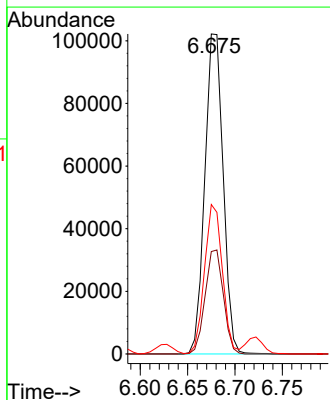
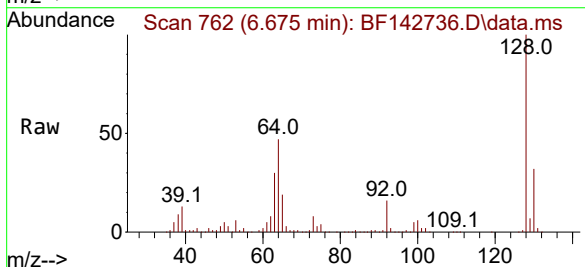
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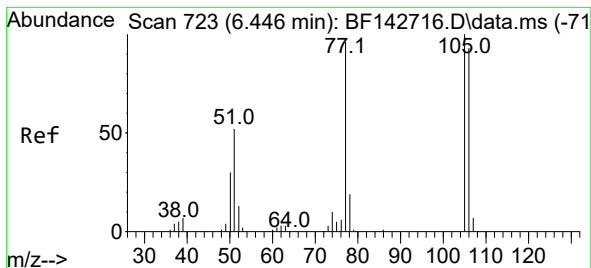
Tgt Ion: 99 Resp: 171018
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 37.3 28.0 42.0



#8
2-Chlorophenol
Concen: 36.540 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:128 Resp: 137072
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 46.7 26.5 66.5





#9

Benzaldehyde

Concen: 45.158 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

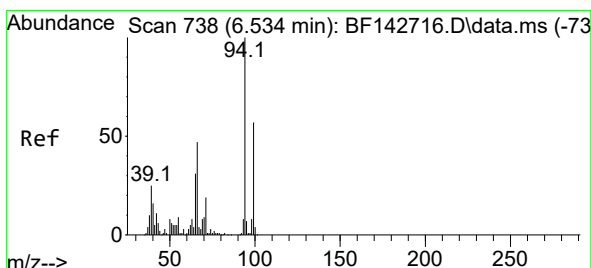
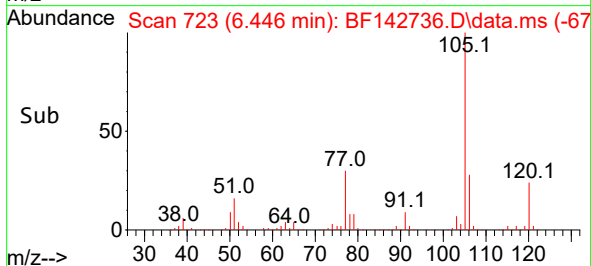
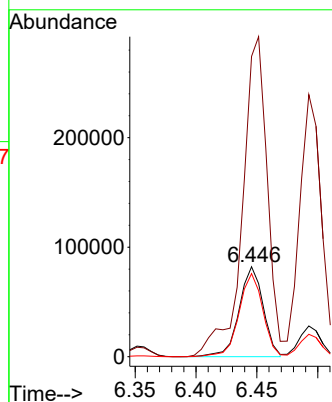
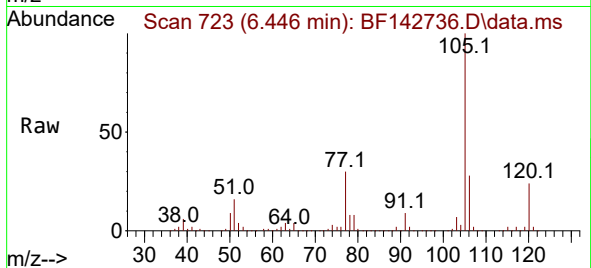
Tgt Ion: 77 Resp: 112971

Ion Ratio Lower Upper

77 100

105 333.8 84.1 124.1#

106 92.3 77.2 117.2



#10

Phenol

Concen: 17.327 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

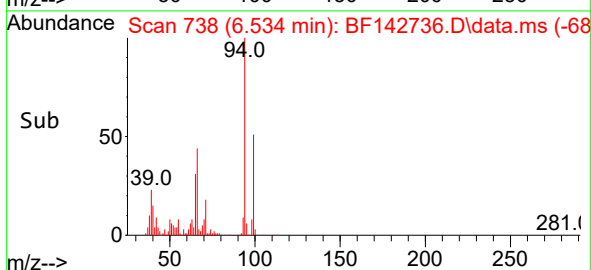
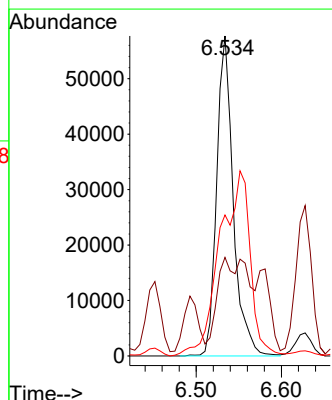
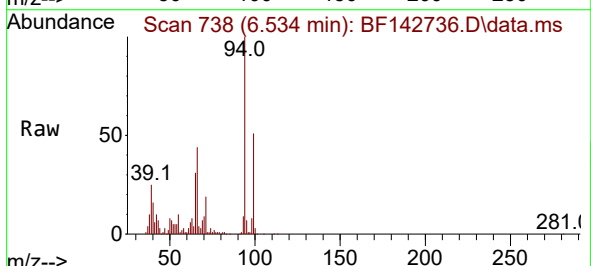
Tgt Ion: 94 Resp: 77804

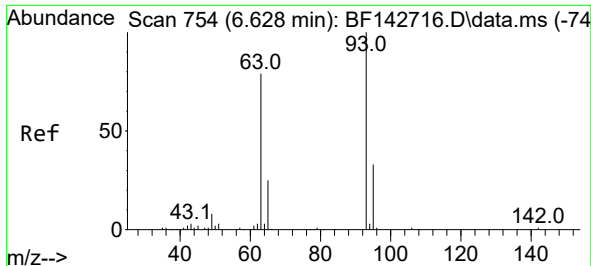
Ion Ratio Lower Upper

94 100

65 30.8 11.4 51.4

66 44.0 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 41.746 ng

RT: 6.628 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

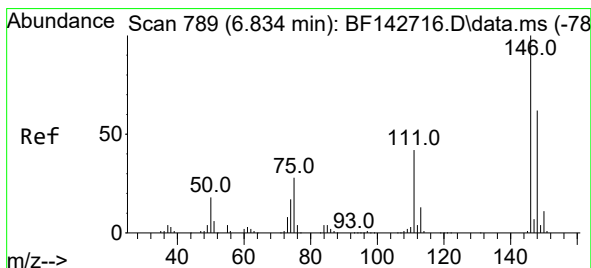
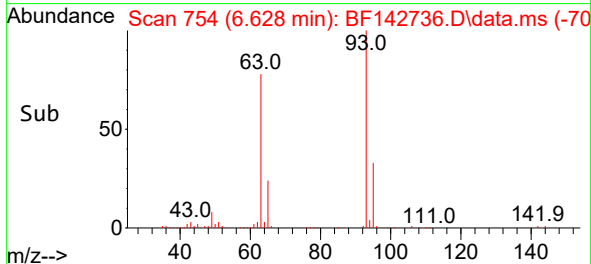
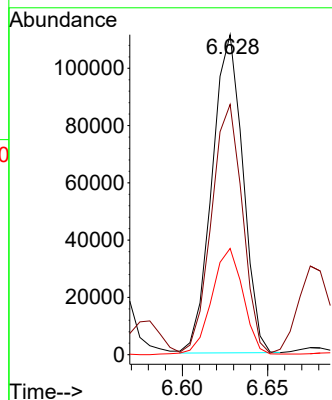
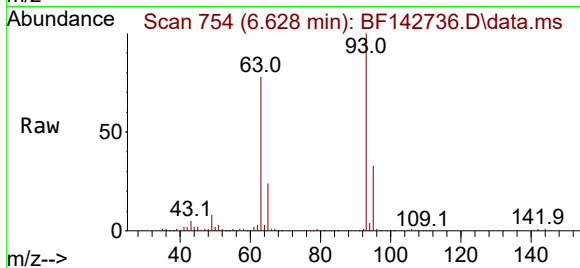
Tgt Ion: 93 Resp: 140014

Ion Ratio Lower Upper

93 100

63 78.2 58.3 98.3

95 33.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 33.746 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

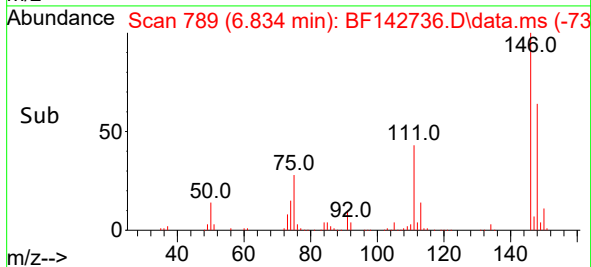
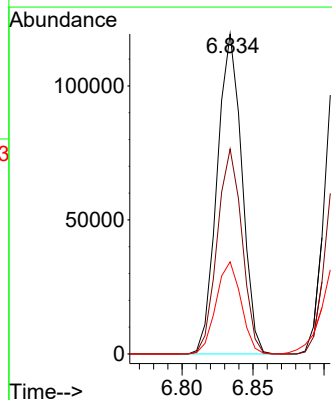
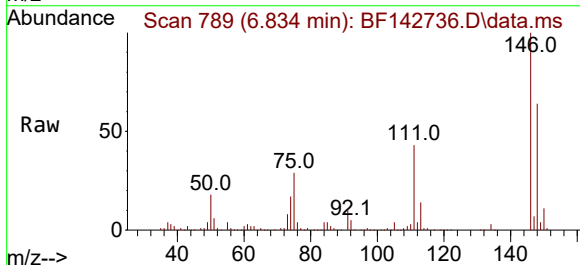
Tgt Ion:146 Resp: 144468

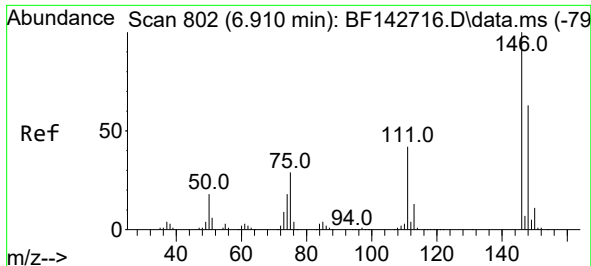
Ion Ratio Lower Upper

146 100

148 64.1 49.9 74.9

75 28.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 34.996 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

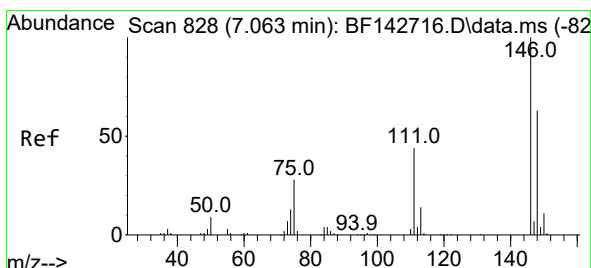
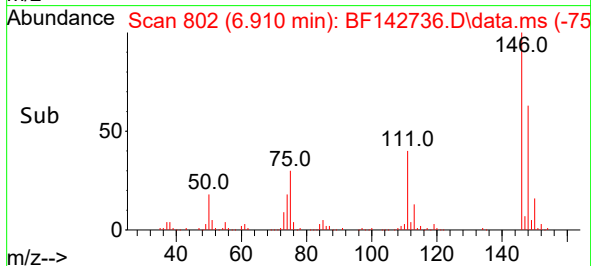
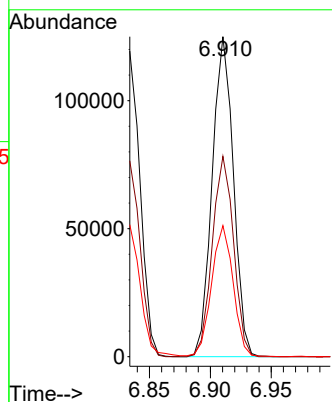
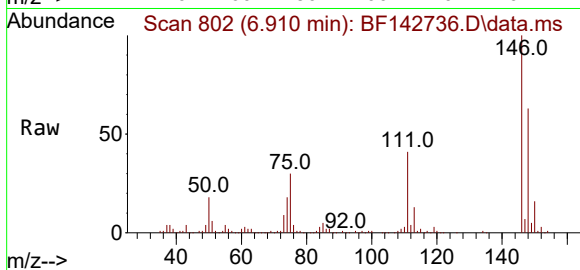
Tgt Ion:146 Resp: 151410

Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

111 40.9 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 33.760 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

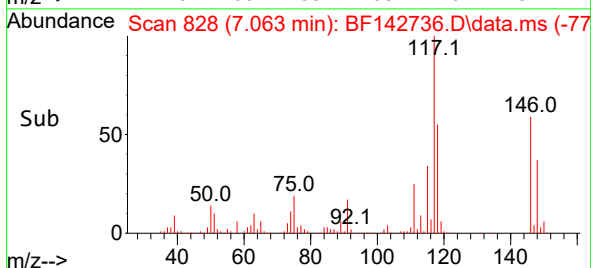
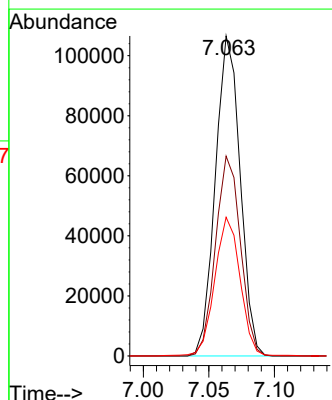
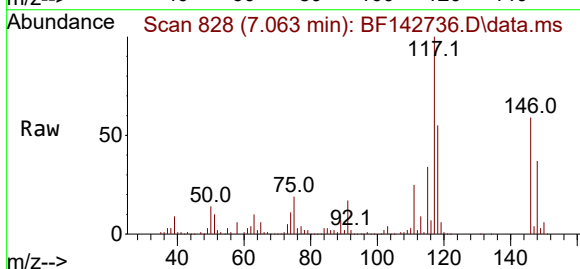
Tgt Ion:146 Resp: 140010

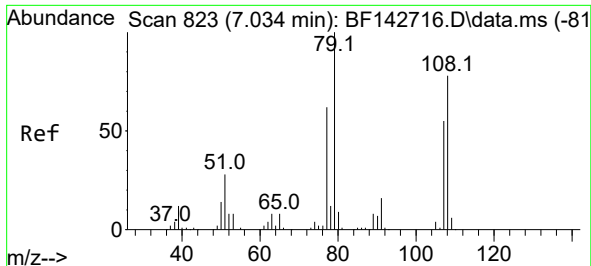
Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 43.3 35.2 52.8

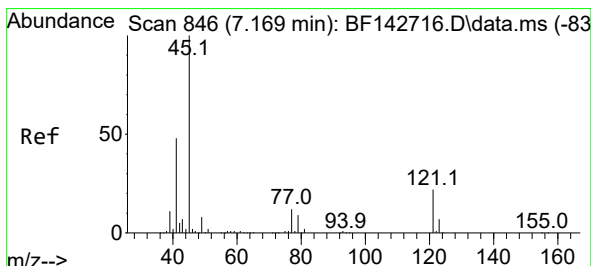
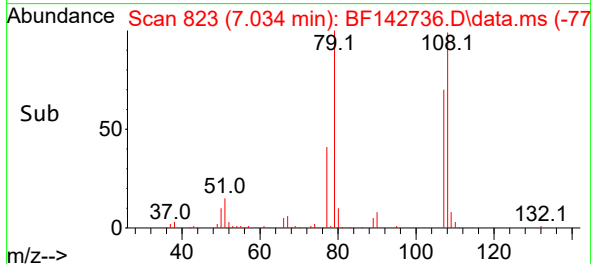
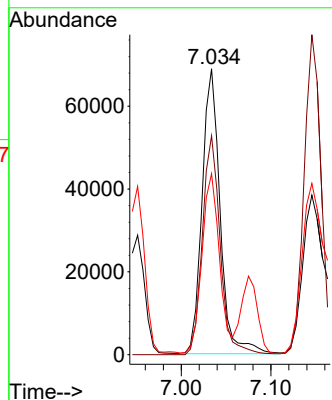
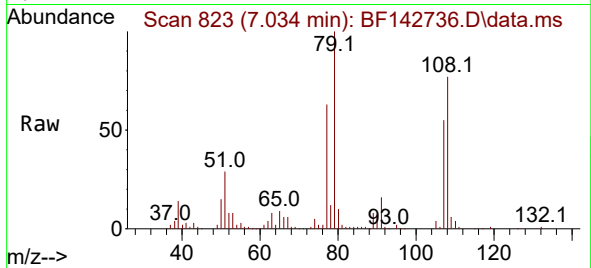




#15
Benzyl Alcohol
Concen: 31.430 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

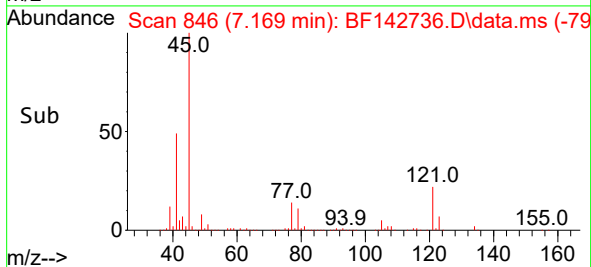
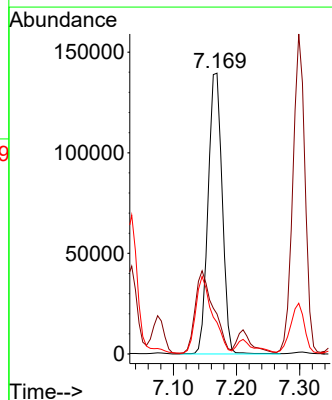
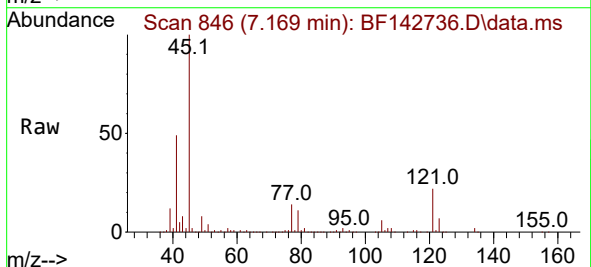
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

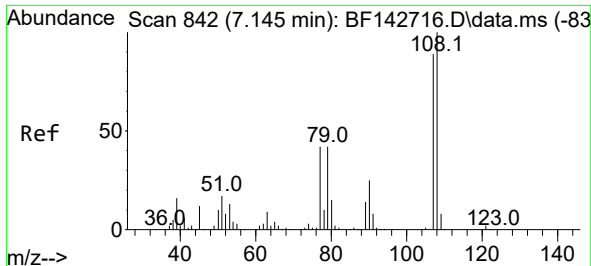
Tgt Ion: 79 Resp: 95965
Ion Ratio Lower Upper
79 100
108 76.5 62.6 94.0
77 63.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.973 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion: 45 Resp: 216361
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.1
79 11.2 0.0 30.5

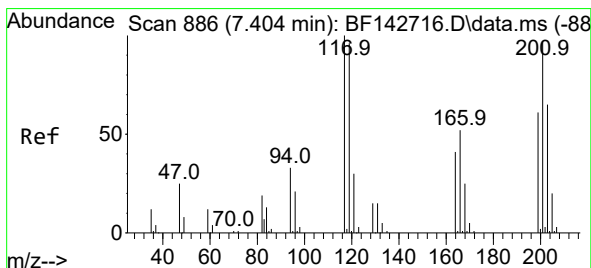
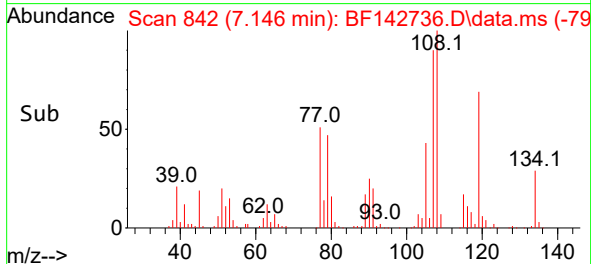
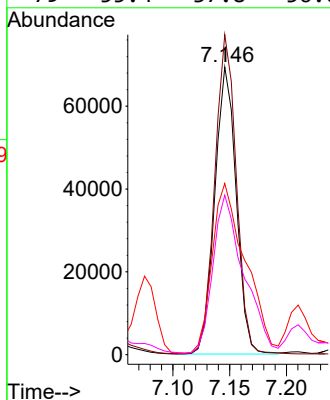
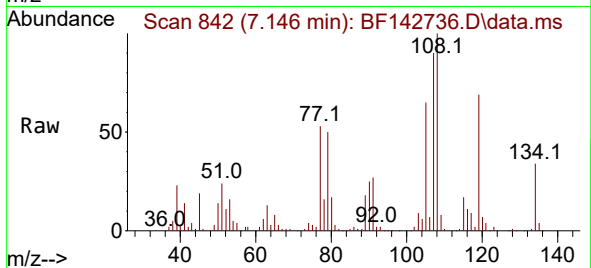




#17
2-Methylphenol
Concen: 31.696 ng
RT: 7.146 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

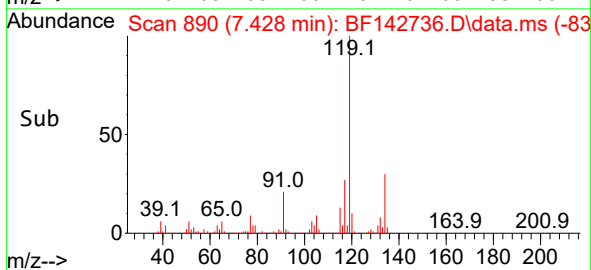
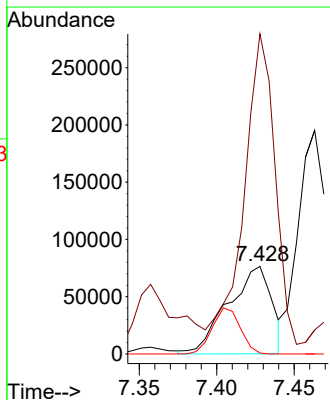
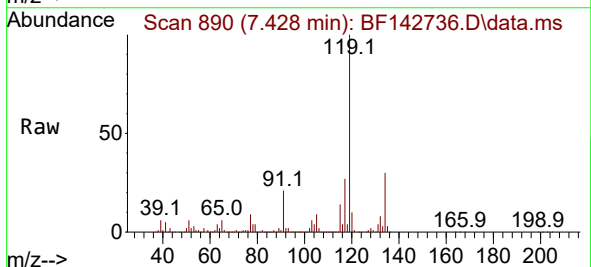
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

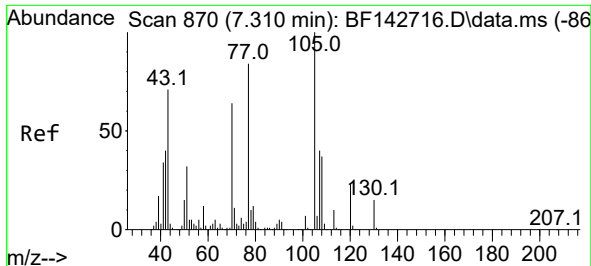
Tgt Ion:	107	Resp:	91152
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.0	135.0
77	59.5	38.2	57.2#
79	55.4	37.8	56.6



#18
Hexachloroethane
Concen: 96.394 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.024 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:	117	Resp:	149457
Ion	Ratio	Lower	Upper
117	100		
119	365.5	76.4	114.6#
201	1.0	77.8	116.6#

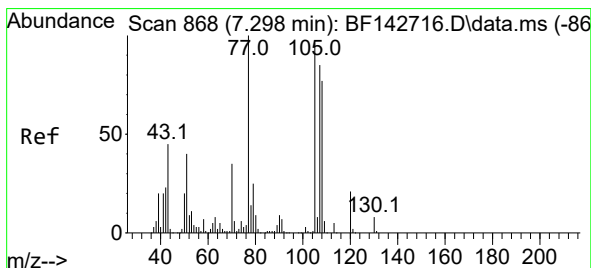
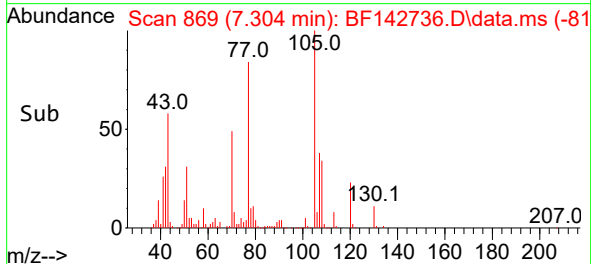
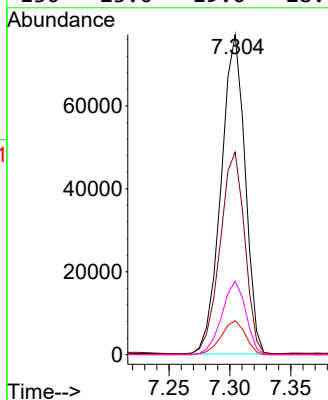
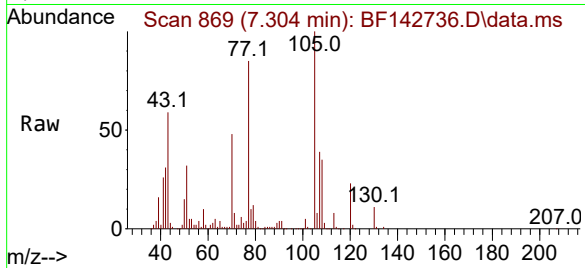




#19
n-Nitroso-di-n-propylamine
Concen: 41.093 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

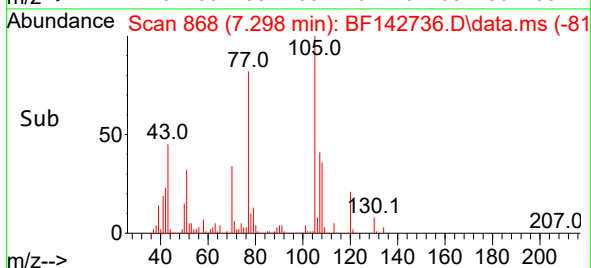
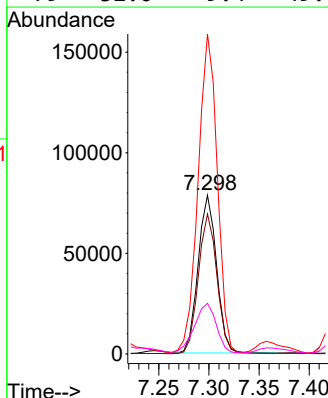
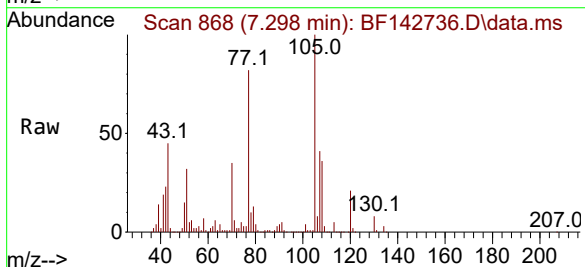
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

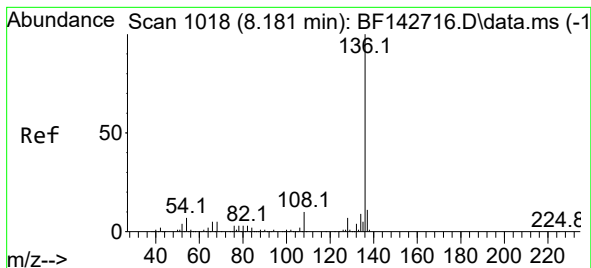
Tgt Ion: 70 Resp: 105683
Ion Ratio Lower Upper
70 100
42 63.3 50.2 75.4
101 10.6 8.3 12.5
130 23.0 19.0 28.6



#20
3+4-Methylphenols
Concen: 27.843 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:107 Resp: 100948
Ion Ratio Lower Upper
107 100
108 88.2 69.9 109.9
77 201.7 97.4 137.4#
79 32.0 9.4 49.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

Tgt Ion:136 Resp: 206678

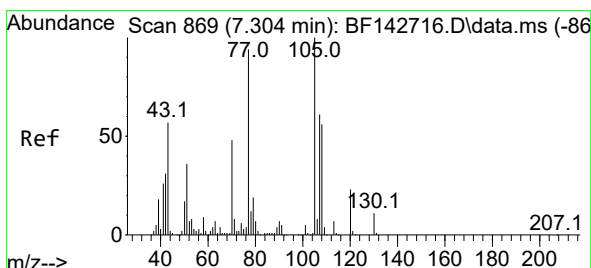
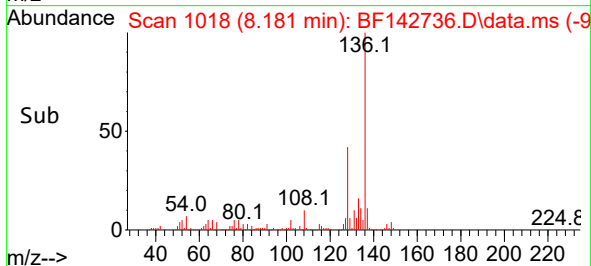
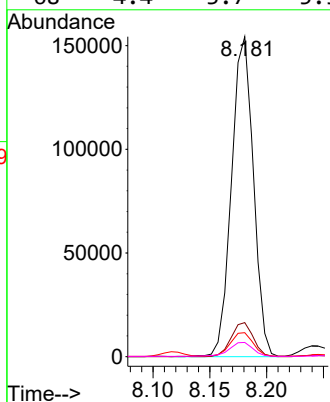
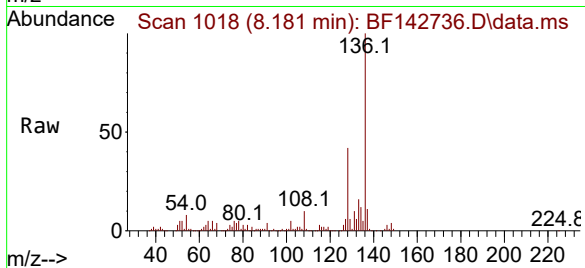
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.5 5.9 8.9

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 69.764 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Tgt Ion:105 Resp: 320733

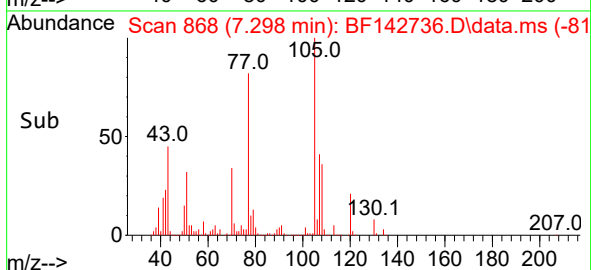
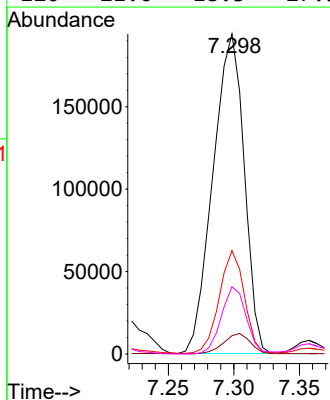
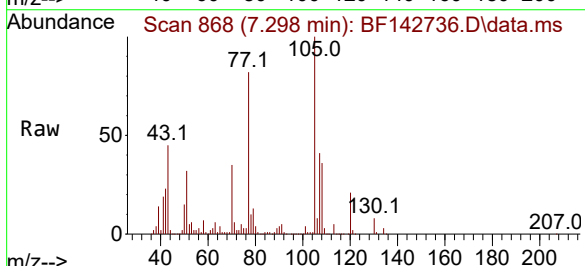
Ion Ratio Lower Upper

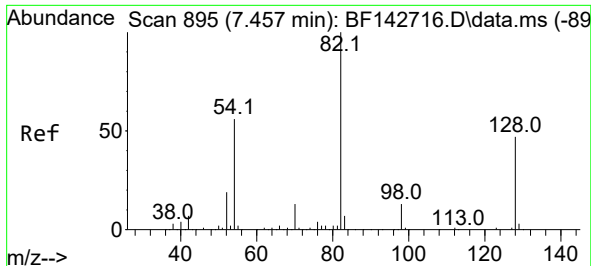
105 100

71 5.7 6.4 9.6#

51 32.3 29.1 43.7

120 21.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 79.286 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

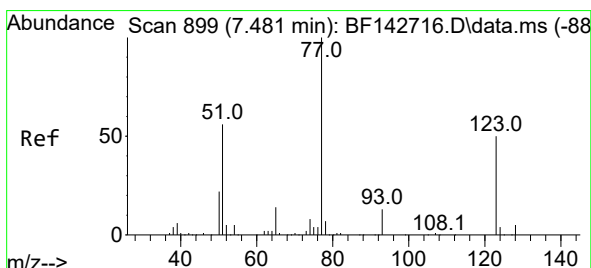
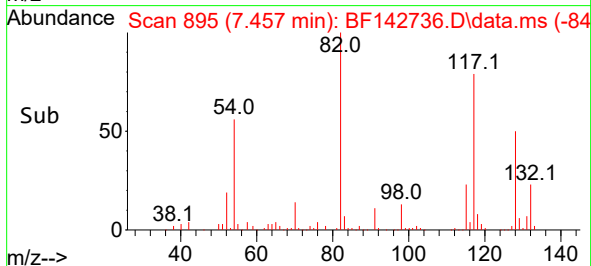
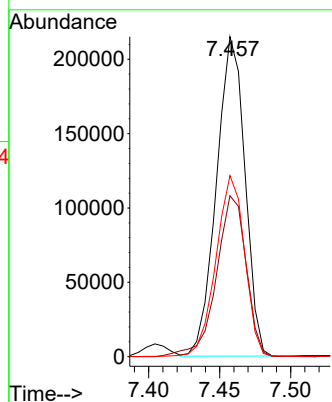
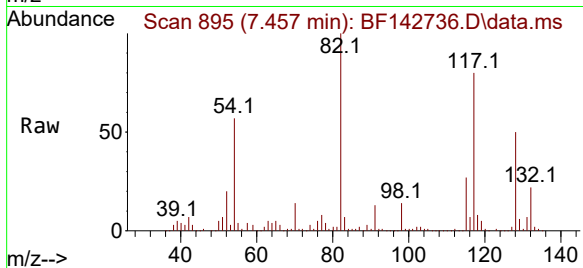
Tgt Ion: 82 Resp: 299422

Ion Ratio Lower Upper

82 100

128 50.3 37.8 56.8

54 56.6 44.9 67.3



#24

Nitrobenzene

Concen: 49.175 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

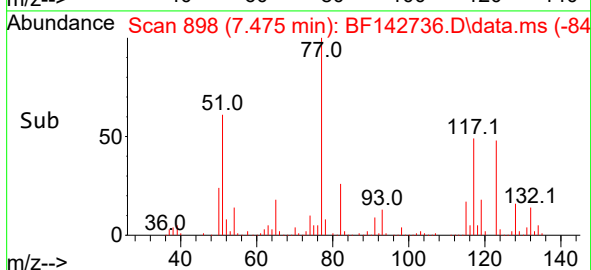
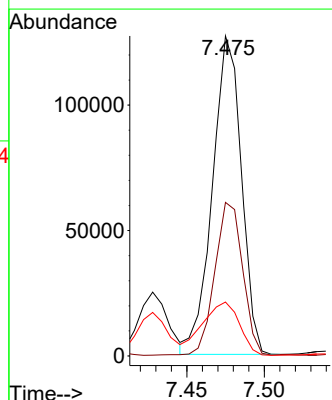
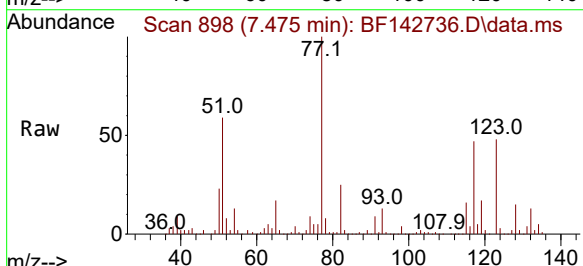
Tgt Ion: 77 Resp: 164821

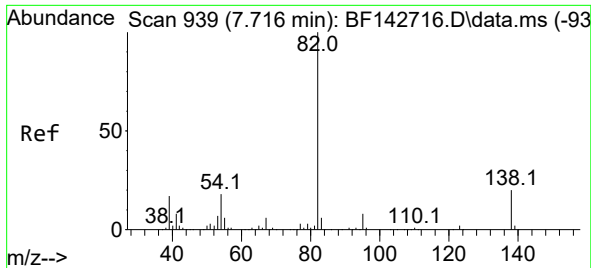
Ion Ratio Lower Upper

77 100

123 48.0 40.8 61.2

65 16.9 11.5 17.3

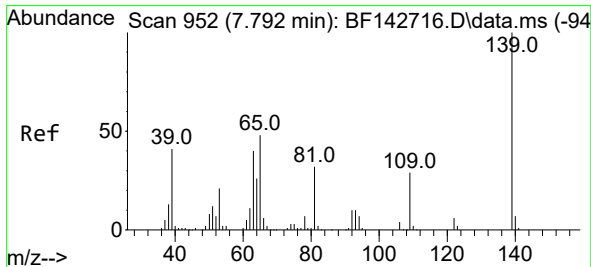
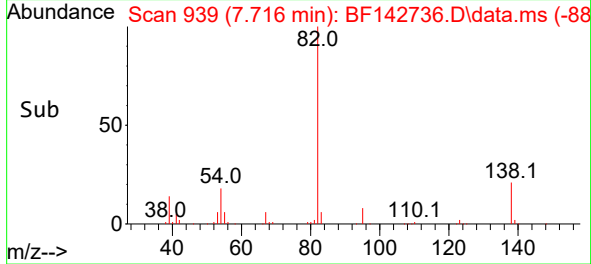
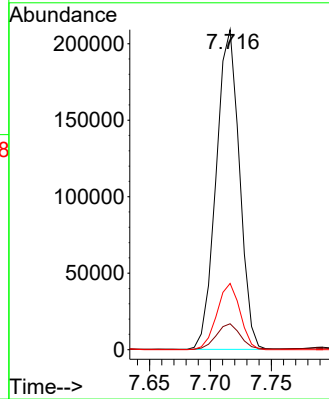
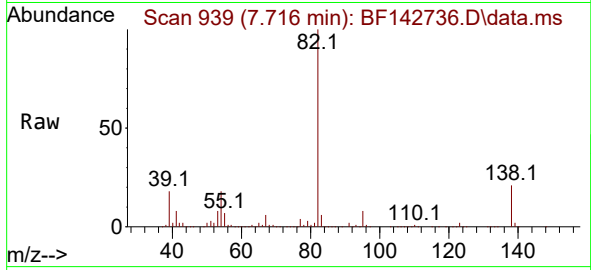




#25
Isophorone
Concen: 43.481 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

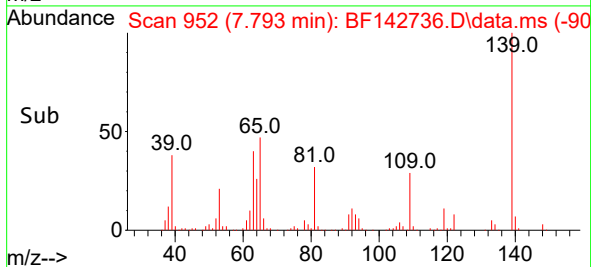
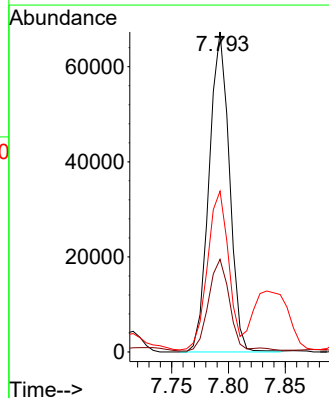
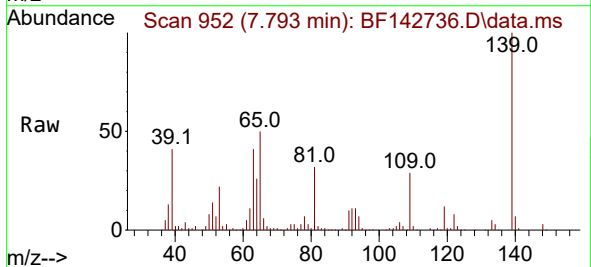
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

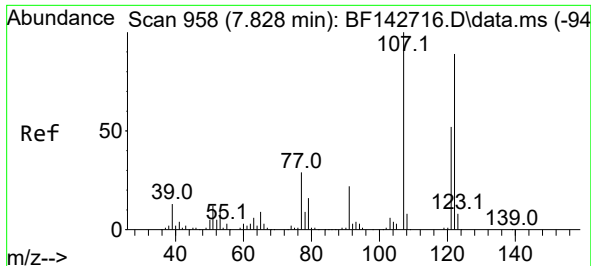
Tgt Ion: 82 Resp: 278022
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 20.7 15.8 23.6



#26
2-Nitrophenol
Concen: 44.714 ng
RT: 7.793 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:139 Resp: 83640
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.2
65 50.3 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 43.448 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

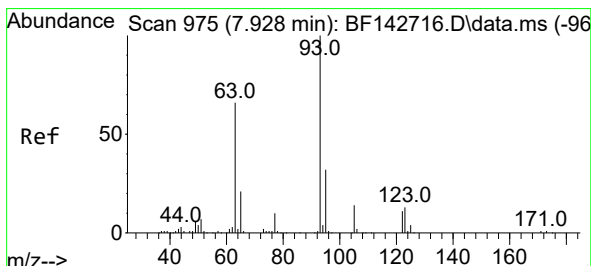
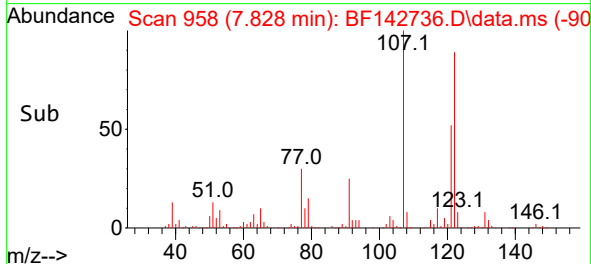
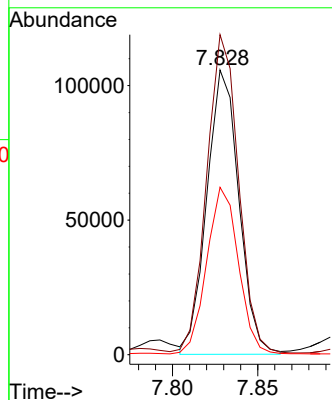
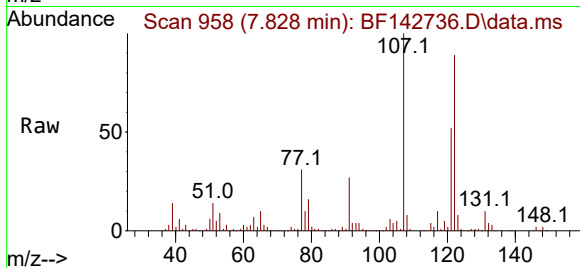
Tgt Ion:122 Resp: 138371

Ion Ratio Lower Upper

122 100

107 112.5 90.4 135.6

121 58.8 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.899 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

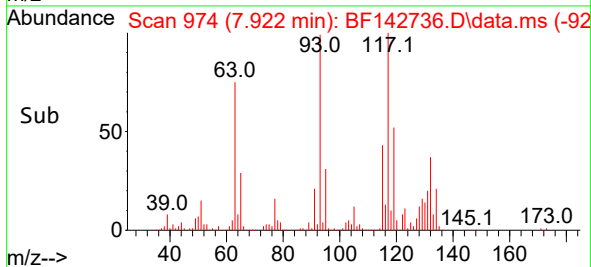
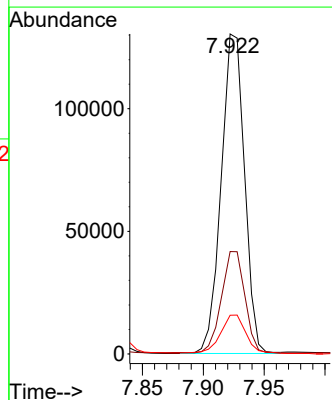
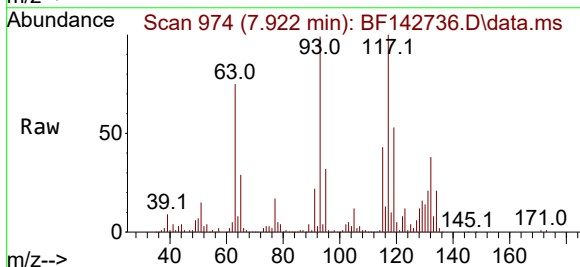
Tgt Ion: 93 Resp: 174273

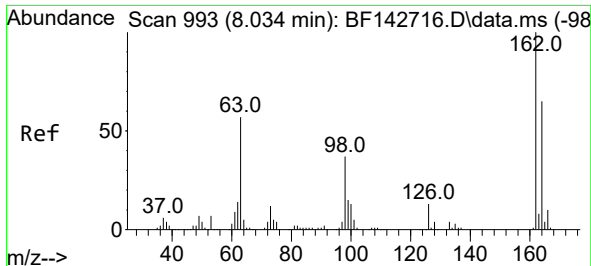
Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 41.572 ng

RT: 8.034 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

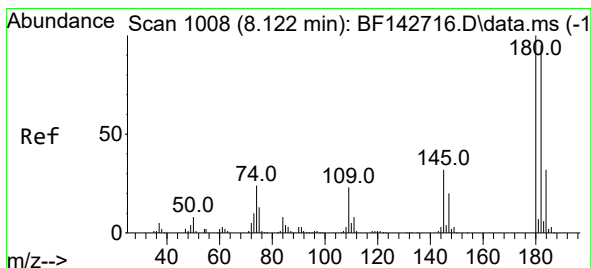
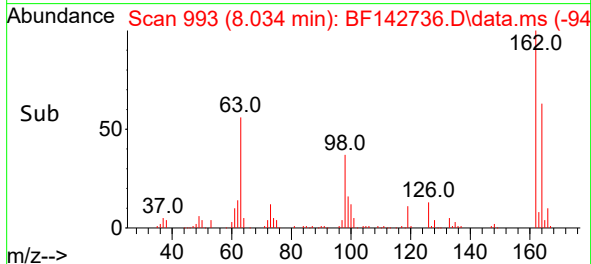
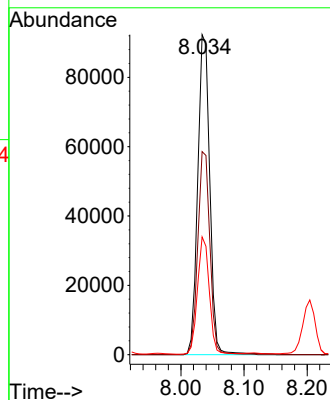
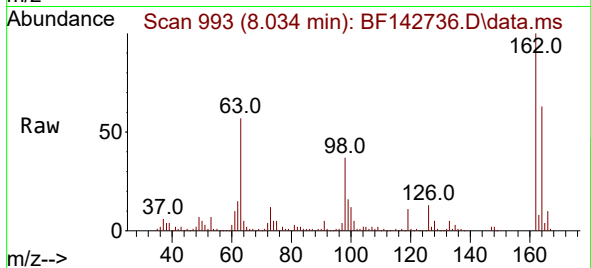
Tgt Ion:162 Resp: 122185

Ion Ratio Lower Upper

162 100

164 63.5 45.1 85.1

98 36.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 42.122 ng

RT: 8.116 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

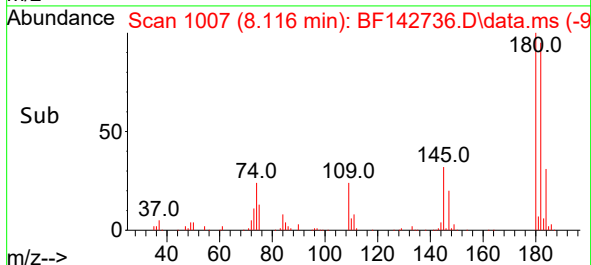
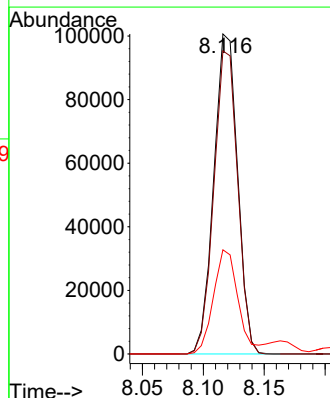
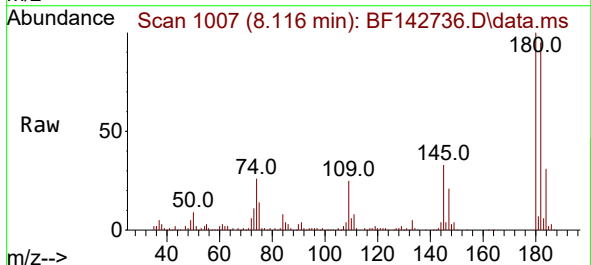
Tgt Ion:180 Resp: 136801

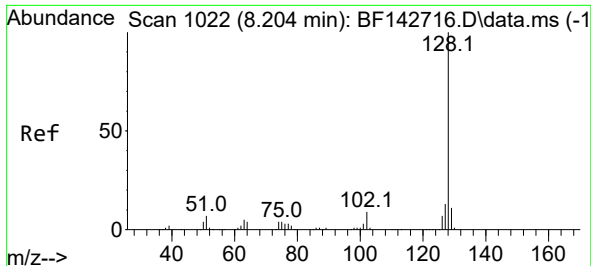
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 32.5 25.7 38.5

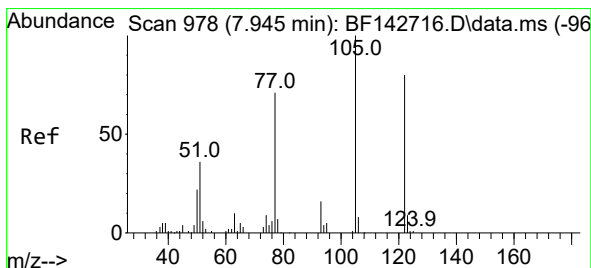
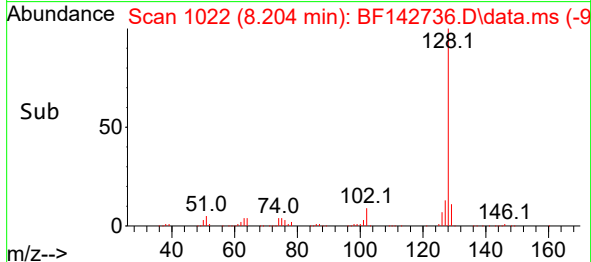
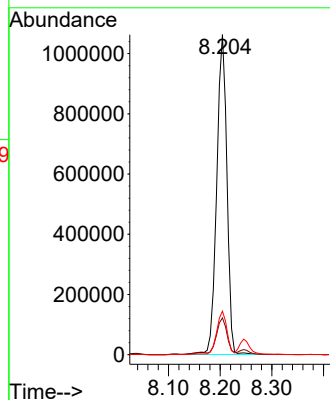
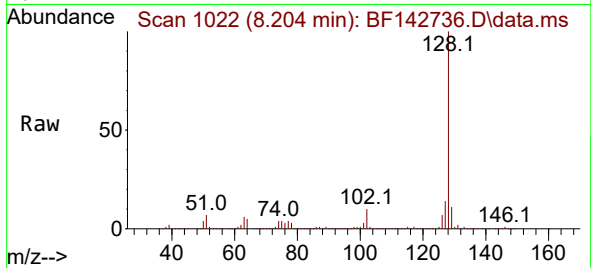




#31
Naphthalene
Concen: 142.354 ng
RT: 8.204 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

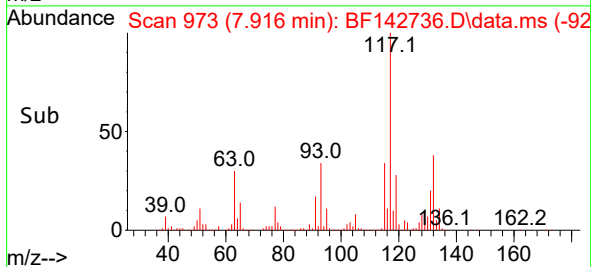
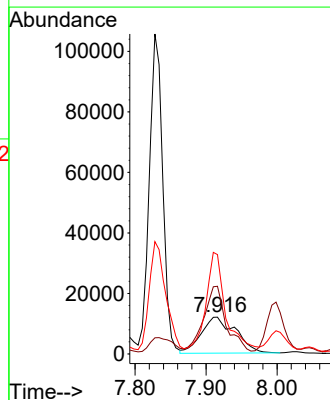
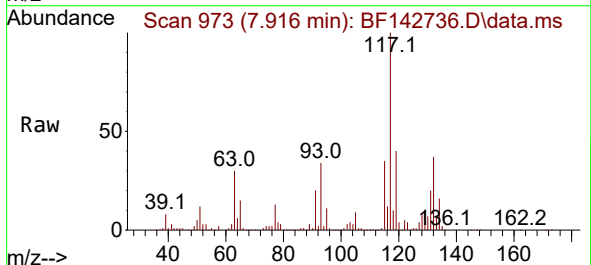
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

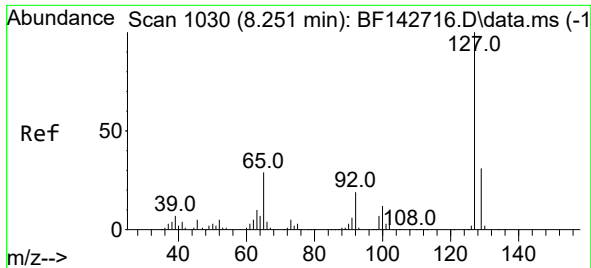
Tgt Ion:128 Resp: 1455072
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.6 10.4 15.6



#32
Benzoic acid
Concen: 22.316 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:122 Resp: 40025
Ion Ratio Lower Upper
122 100
105 184.1 102.6 142.6#
77 270.2 68.2 108.2#

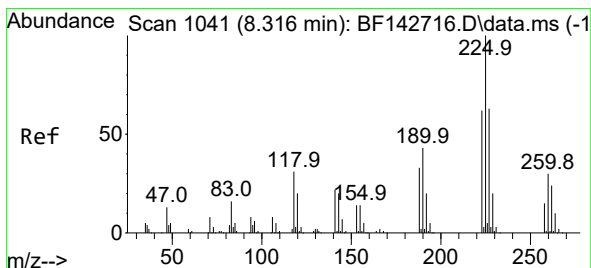
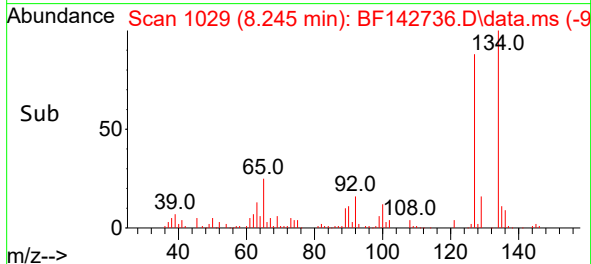
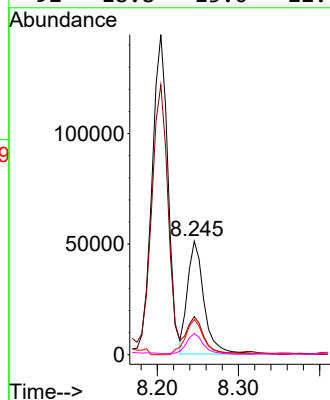
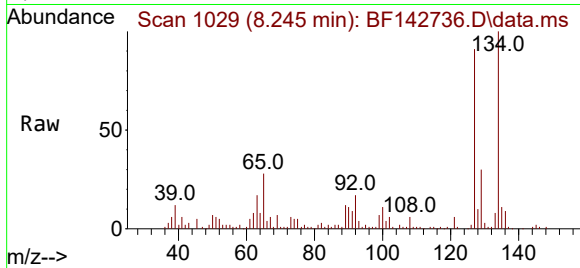




#33
4-Chloroaniline
Concen: 17.565 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

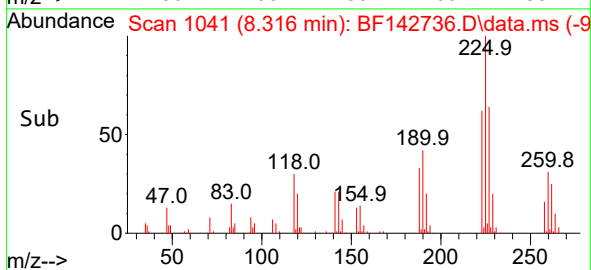
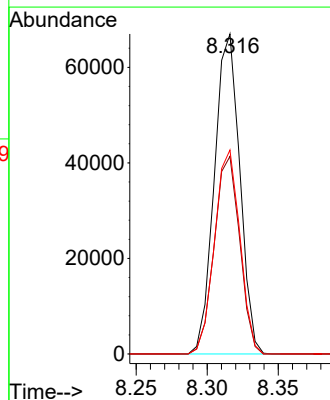
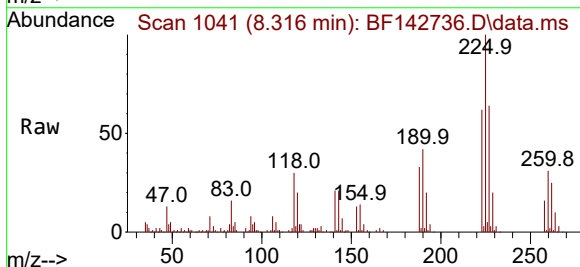
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

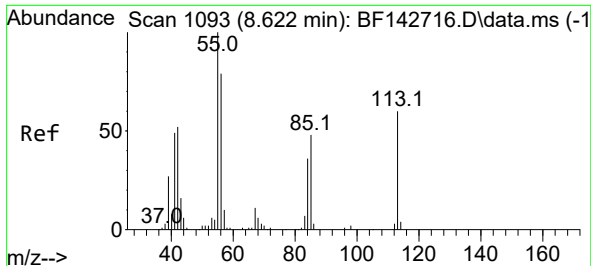
Tgt Ion:	127	Resp:	72086
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.6	38.4
65	31.0	23.0	34.4
92	18.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 40.241 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:	225	Resp:	83284
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.3	73.9
227	63.8	50.6	75.8

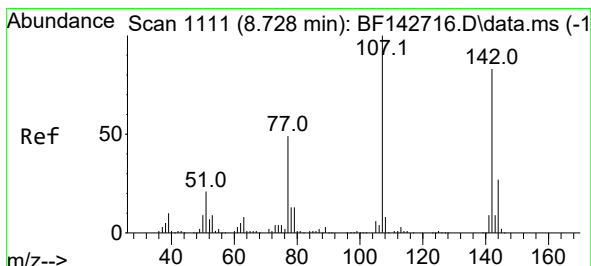
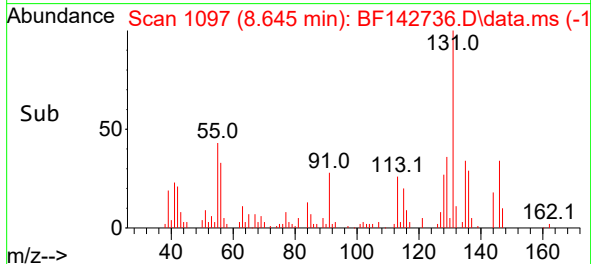
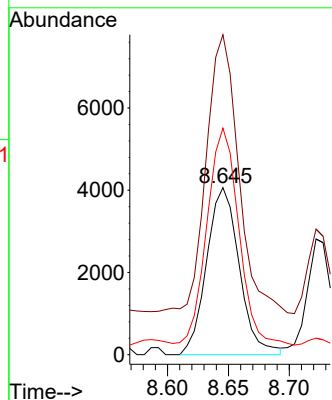
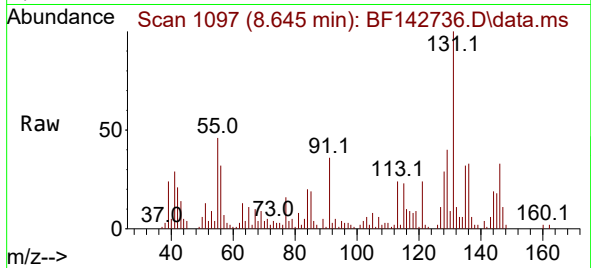




#35
 Caprolactam
 Concen: 9.573 ng
 RT: 8.645 min Scan# 1109
 Delta R.T. 0.024 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

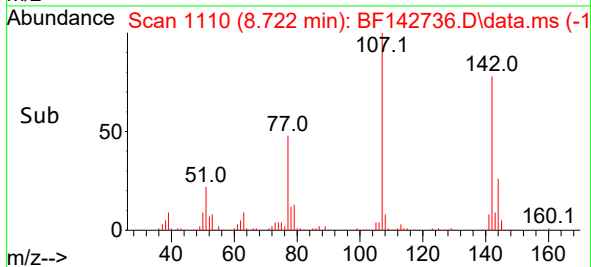
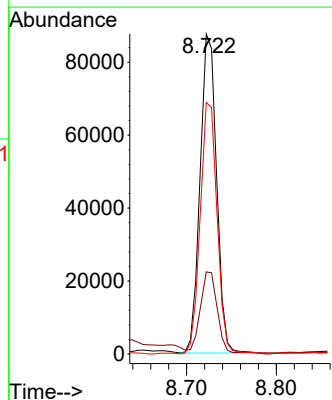
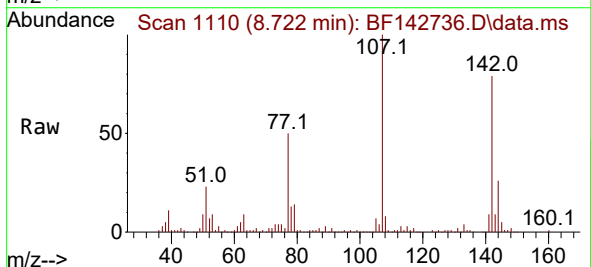
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MSD

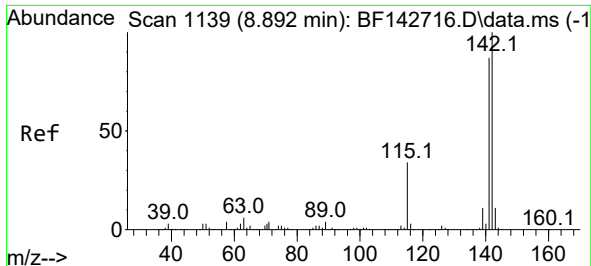
Tgt Ion:113 Resp: 7595
 Ion Ratio Lower Upper
 113 100
 55 191.6 147.9 187.9#
 56 135.6 111.9 151.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.519 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

Tgt Ion:107 Resp: 111607
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.3 31.9
 142 78.6 66.2 99.2

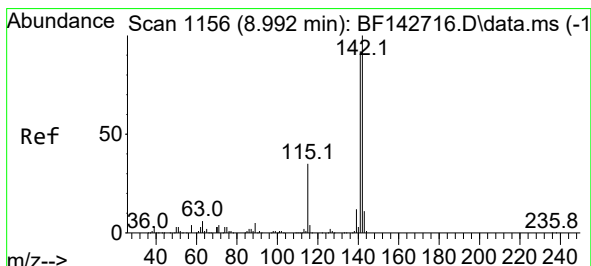
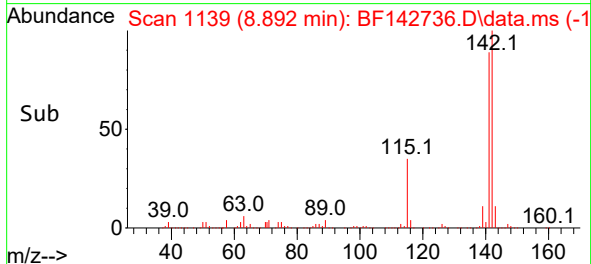
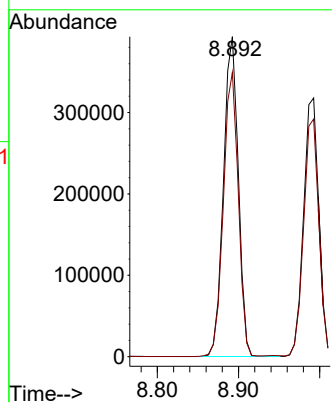
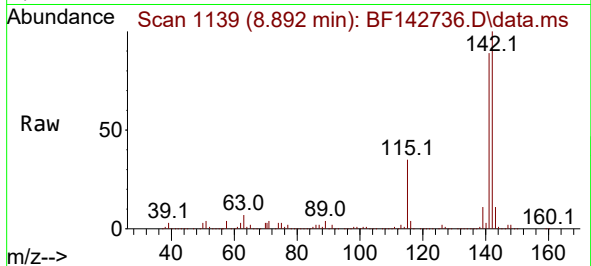




#37
2-Methylnaphthalene
Concen: 77.368 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

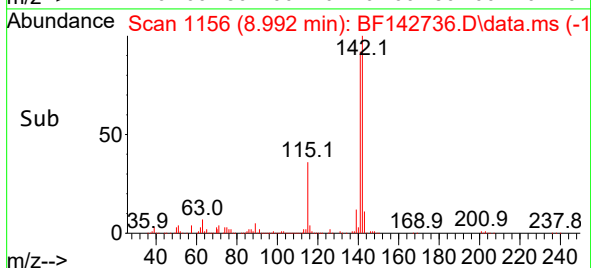
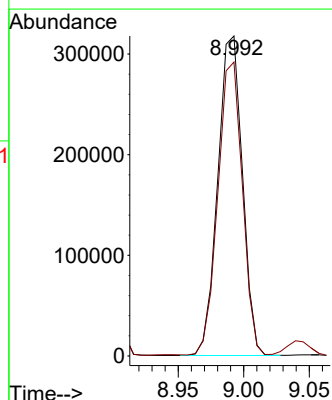
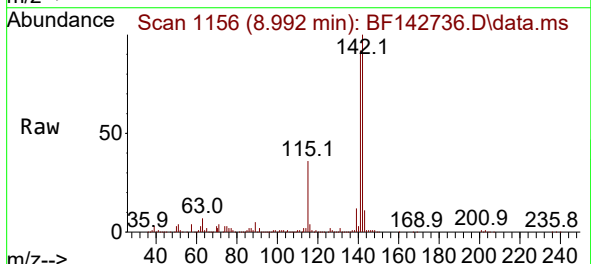
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

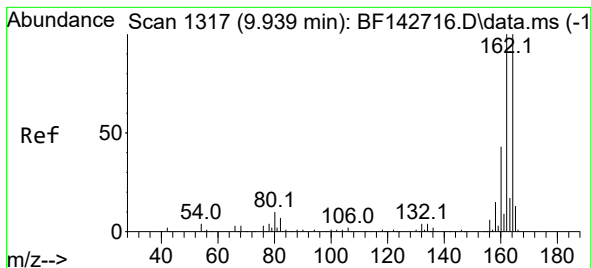
Tgt Ion:142 Resp: 500547
Ion Ratio Lower Upper
142 100
141 88.8 69.9 104.9



#38
1-Methylnaphthalene
Concen: 61.803 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:142 Resp: 414215
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

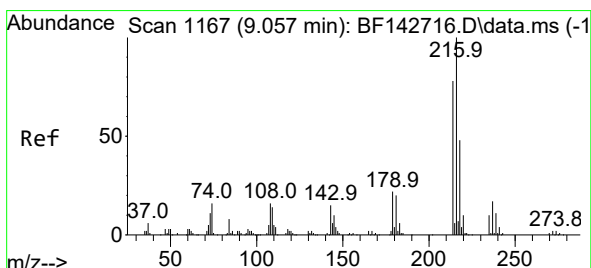
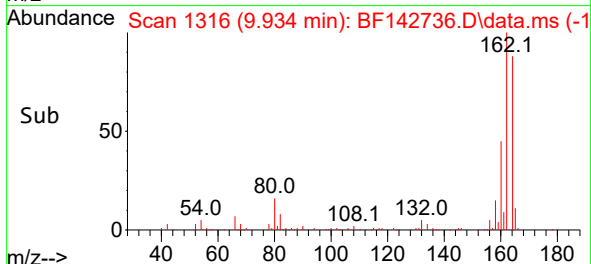
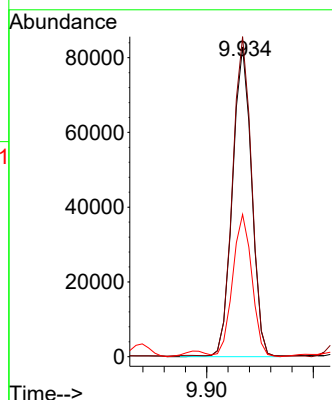
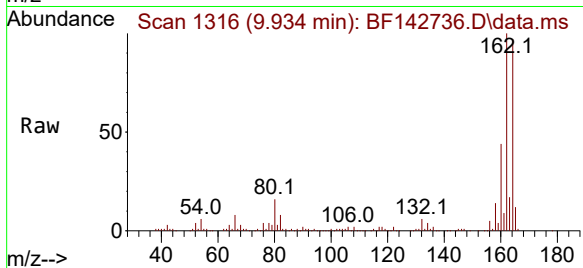
Tgt Ion:164 Resp: 103506

Ion Ratio Lower Upper

164 100

162 103.3 79.9 119.9

160 45.9 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.550 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Tgt Ion:216 Resp: 142448

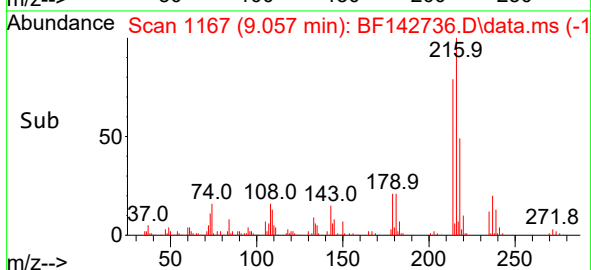
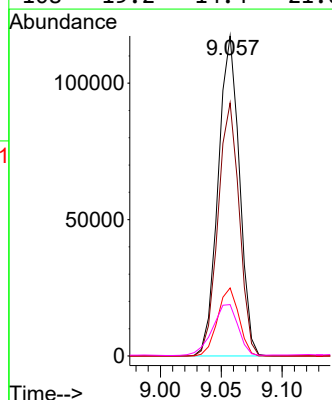
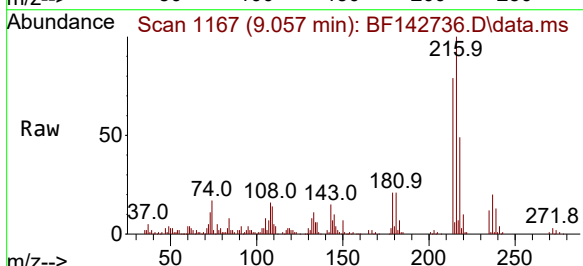
Ion Ratio Lower Upper

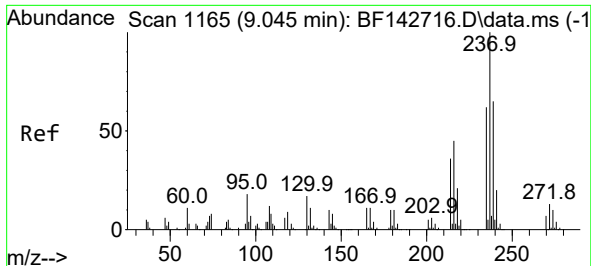
216 100

214 78.7 62.6 94.0

179 21.4 17.1 25.7

108 19.2 14.4 21.6

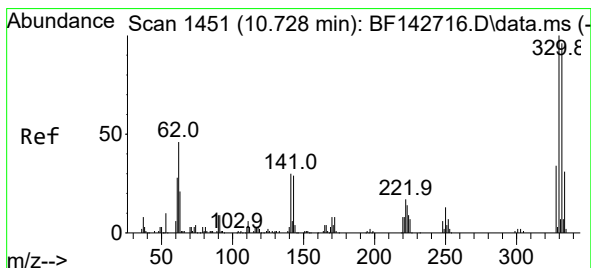
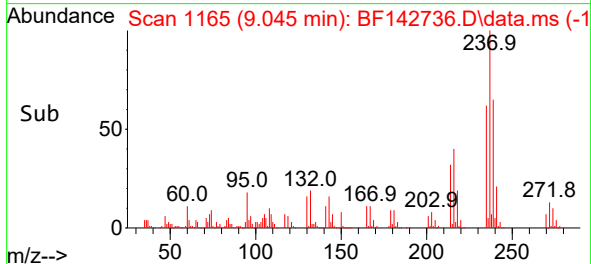
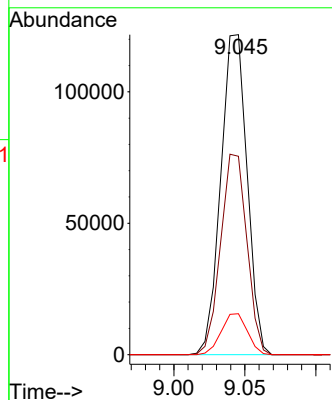
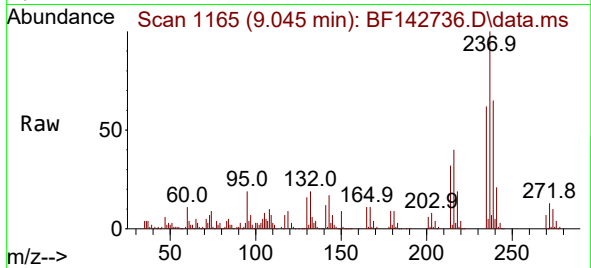




#41
Hexachlorocyclopentadiene
Concen: 81.747 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

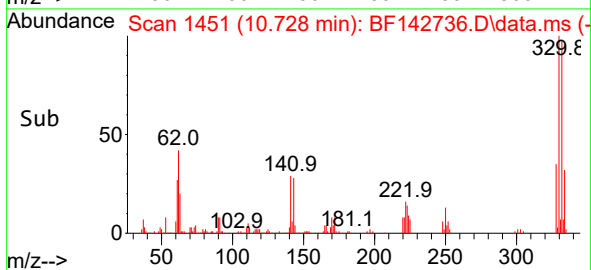
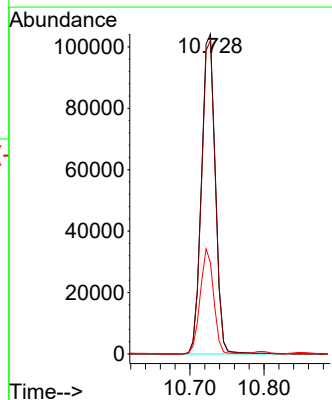
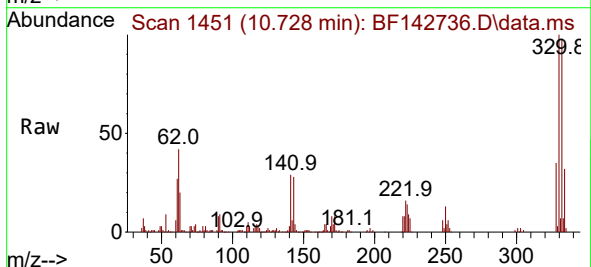
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

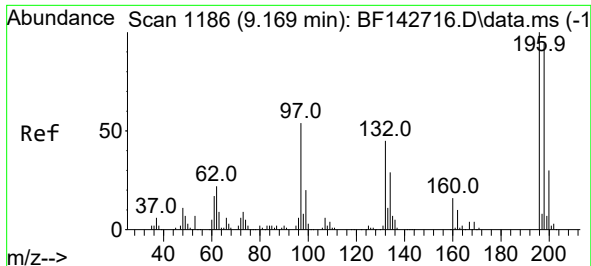
Tgt Ion:237 Resp: 157179
Ion Ratio Lower Upper
237 100
235 62.0 41.9 81.9
272 12.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 119.547 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:330 Resp: 135616
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 32.0 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 46.735 ng

RT: 9.169 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

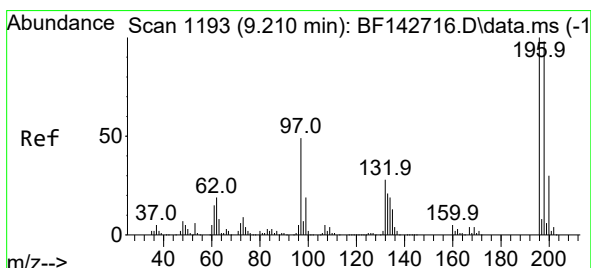
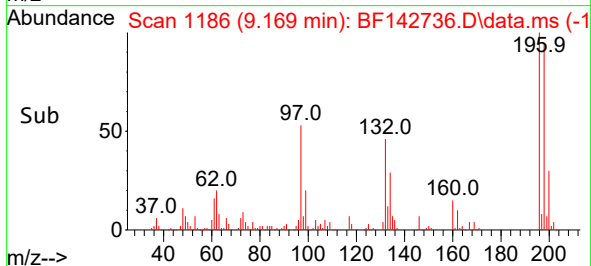
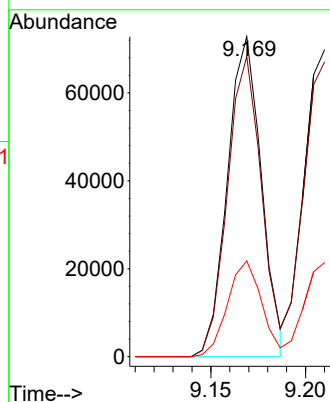
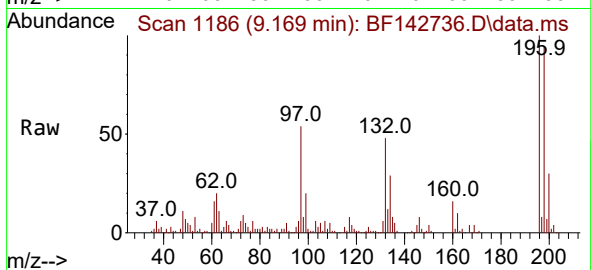
Tgt Ion:196 Resp: 90630

Ion Ratio Lower Upper

196 100

198 93.8 75.5 113.3

200 30.0 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 43.825 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Tgt Ion:196 Resp: 91792

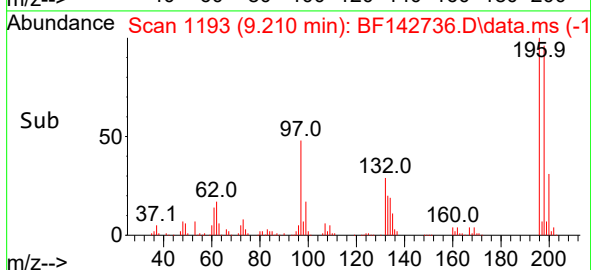
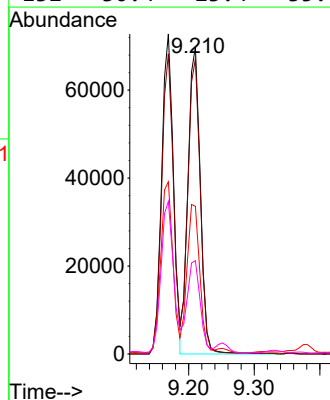
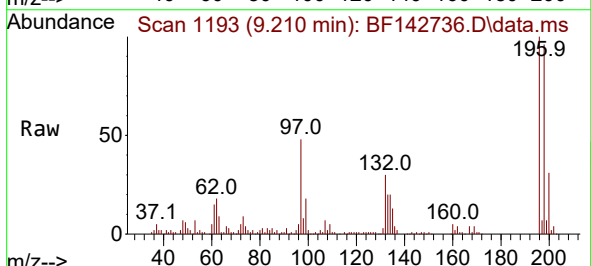
Ion Ratio Lower Upper

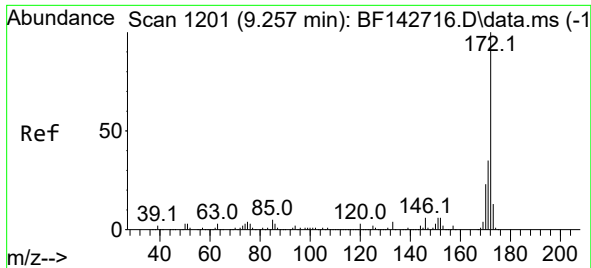
196 100

198 96.1 78.2 117.2

97 48.1 38.6 57.8

132 30.4 23.4 35.0

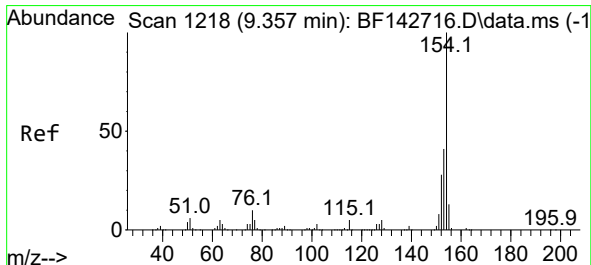
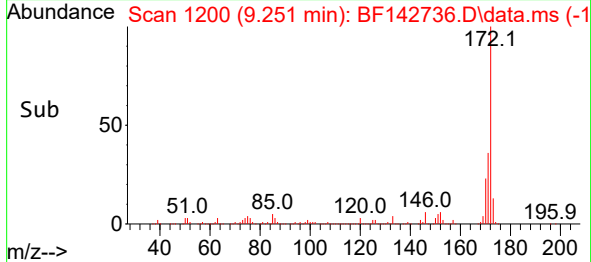
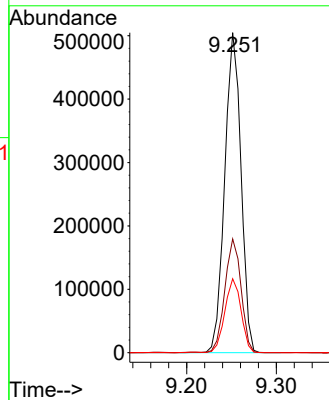
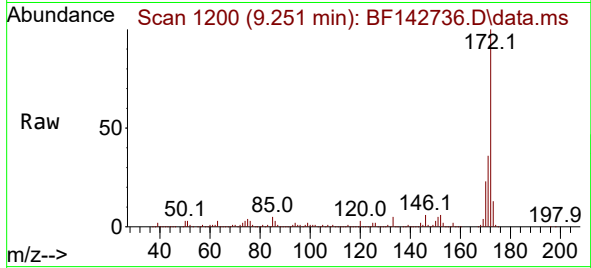




#45
2-Fluorobiphenyl
Concen: 81.505 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

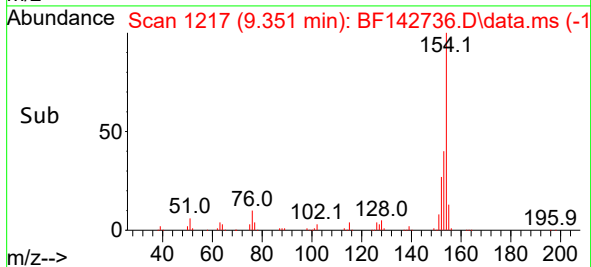
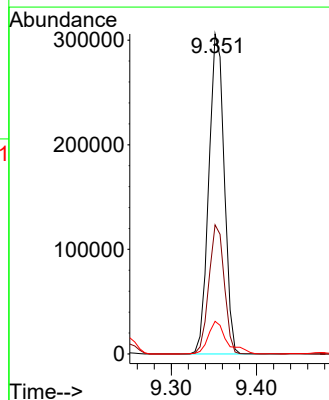
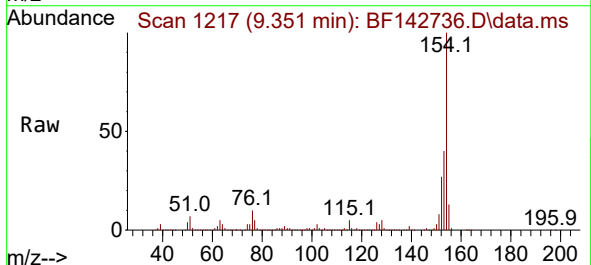
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

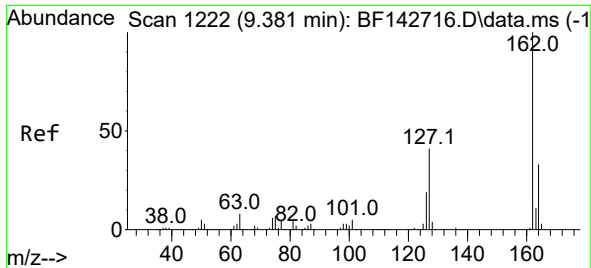
Tgt Ion:172 Resp: 634996
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 47.652 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:154 Resp: 383000
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 10.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 47.237 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

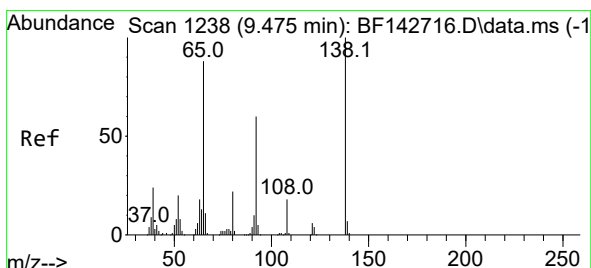
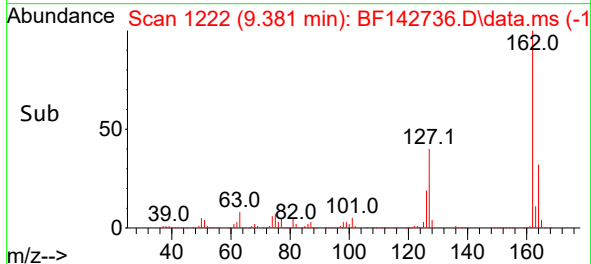
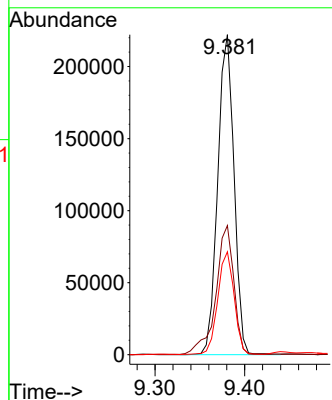
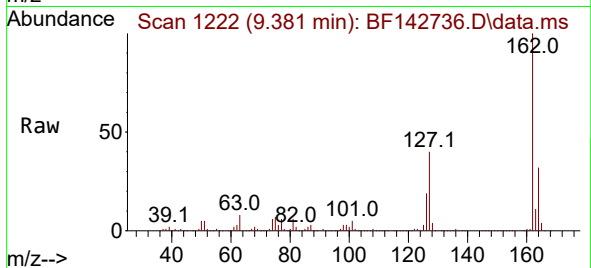
Tgt Ion:162 Resp: 279708

Ion Ratio Lower Upper

162 100

127 40.3 33.5 50.3

164 32.2 26.1 39.1



#48

2-Nitroaniline

Concen: 45.434 ng

RT: 9.475 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

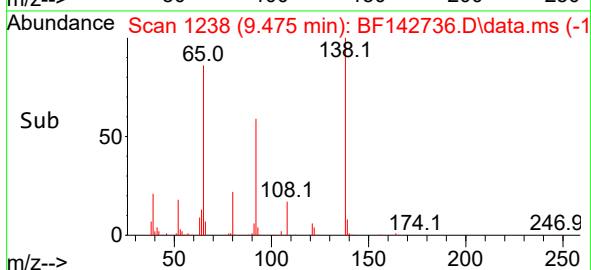
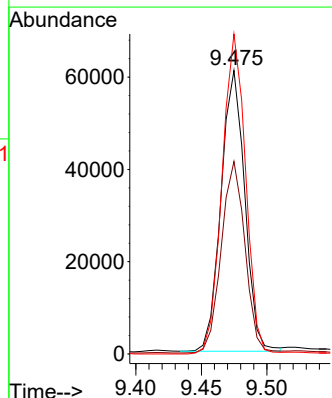
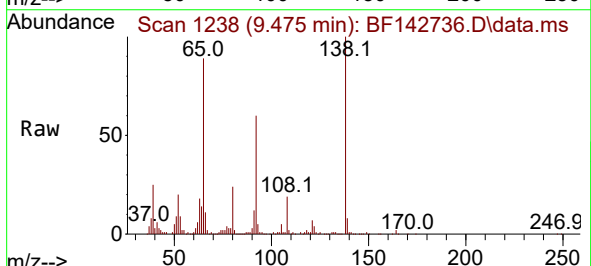
Tgt Ion: 65 Resp: 76517

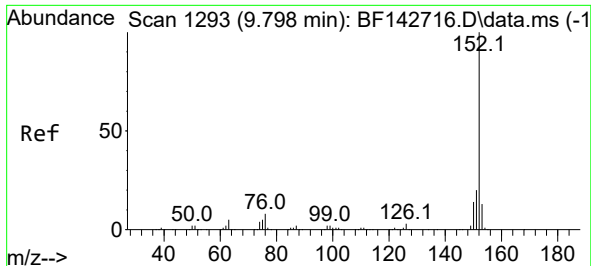
Ion Ratio Lower Upper

65 100

92 67.9 54.5 81.7

138 112.9 90.6 136.0





#49

Acenaphthylene

Concen: 45.968 ng

RT: 9.798 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

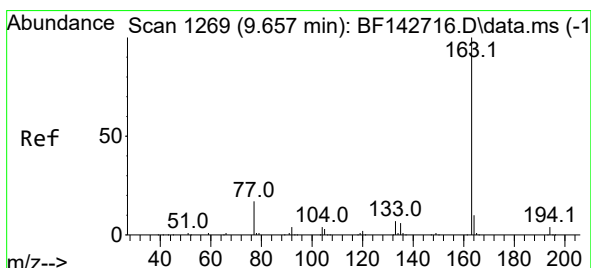
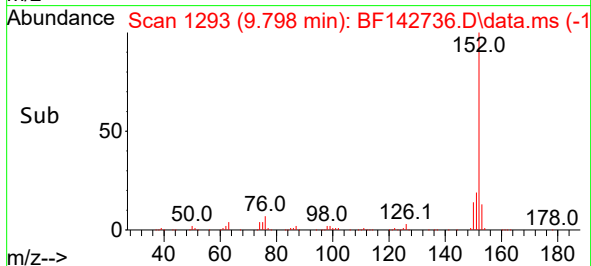
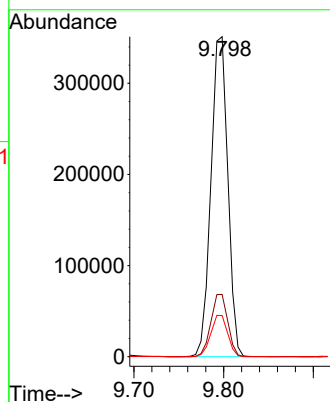
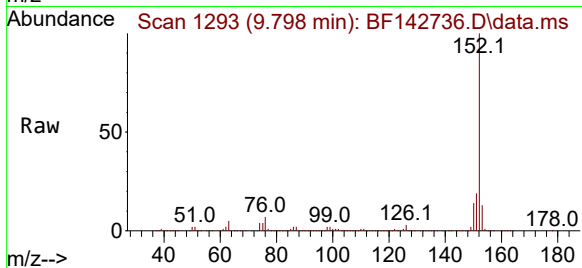
Tgt Ion:152 Resp: 458958

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 45.948 ng

RT: 9.651 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

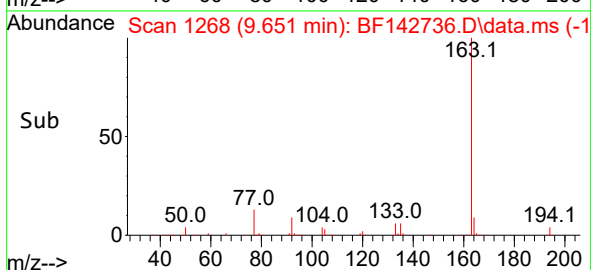
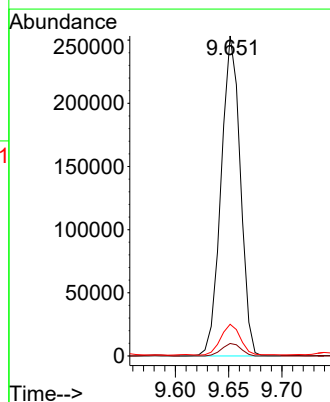
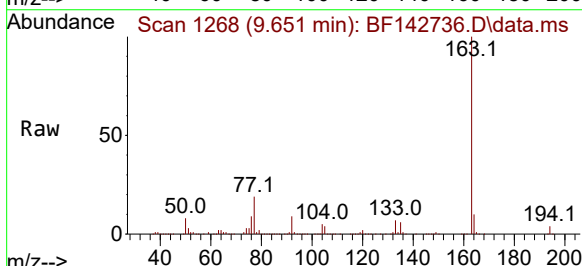
Tgt Ion:163 Resp: 317587

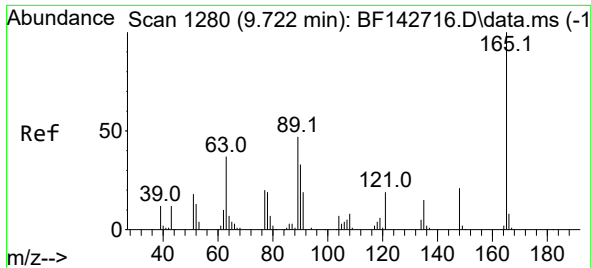
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 8.0 12.0

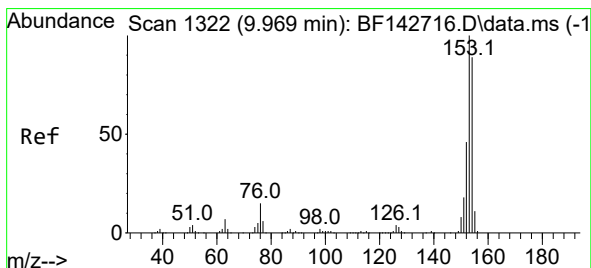
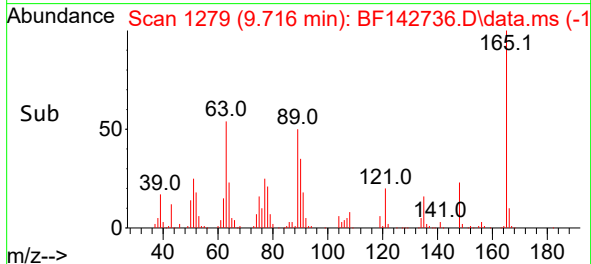
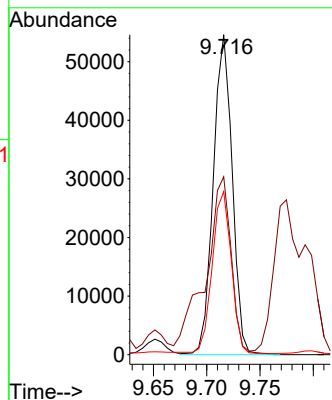
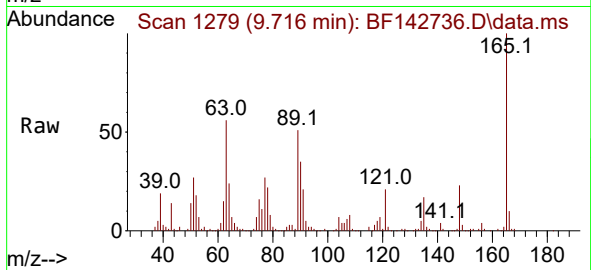




#51
2,6-Dinitrotoluene
Concen: 45.069 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

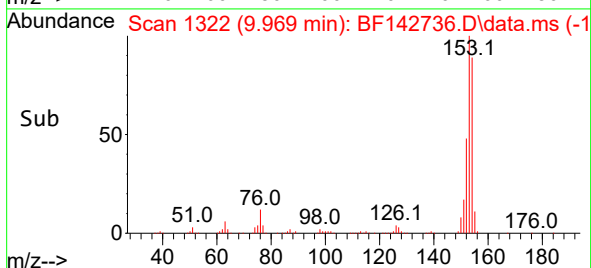
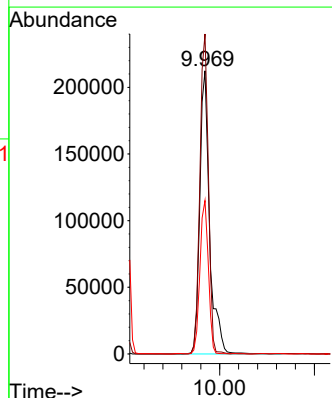
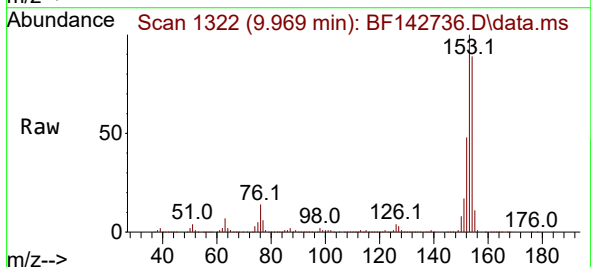
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

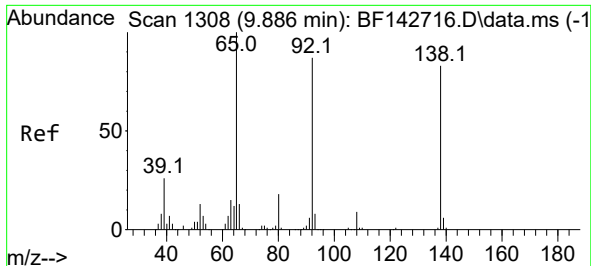
Tgt Ion:165 Resp: 67327
Ion Ratio Lower Upper
165 100
63 55.6 40.6 60.8
89 51.0 37.6 56.4



#52
Acenaphthene
Concen: 49.568 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:154 Resp: 306842
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 54.2 41.9 62.9

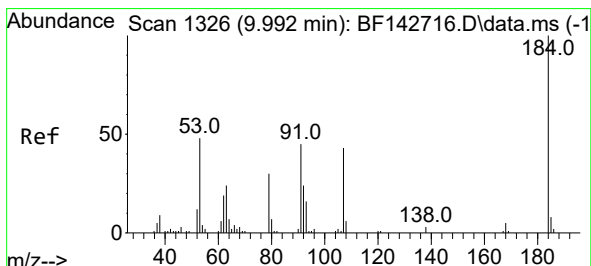
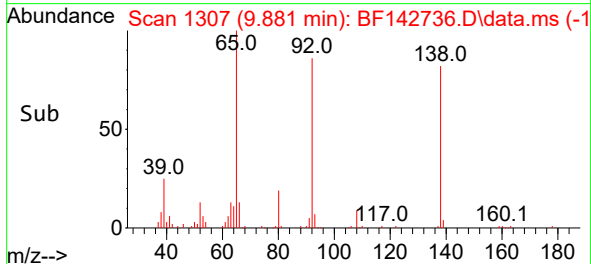
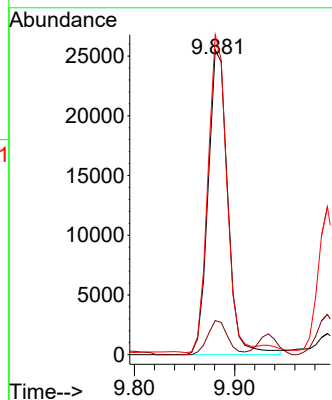
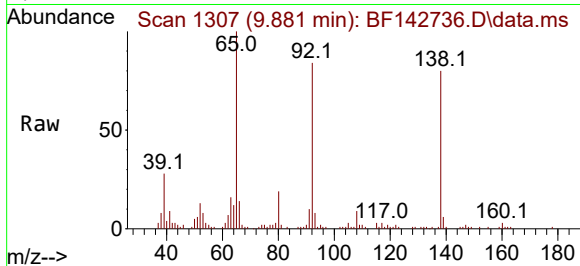




#53
3-Nitroaniline
Concen: 21.478 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

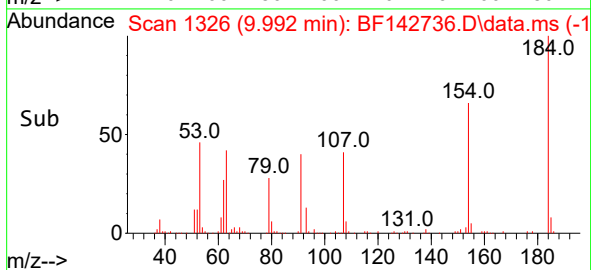
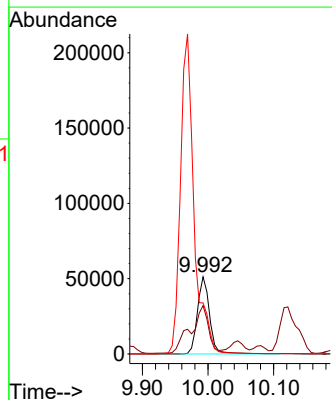
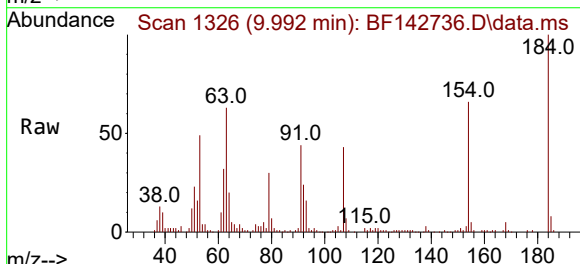
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

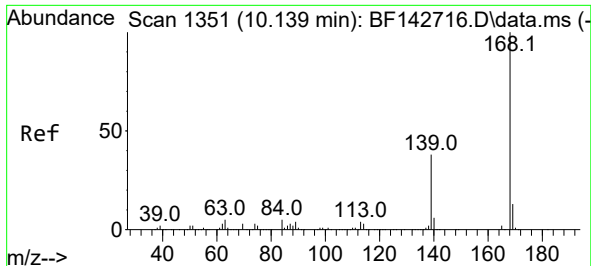
Tgt Ion:138 Resp: 34800
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 105.0 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 80.932 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:184 Resp: 66227
Ion Ratio Lower Upper
184 100
63 62.7 51.7 77.5
154 66.2 60.1 90.1

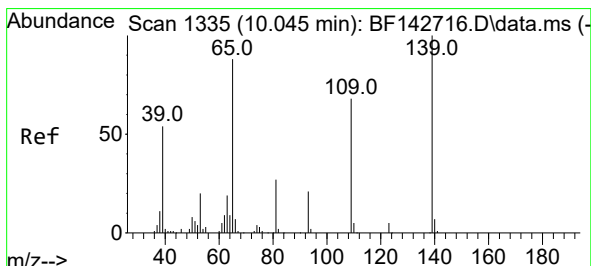
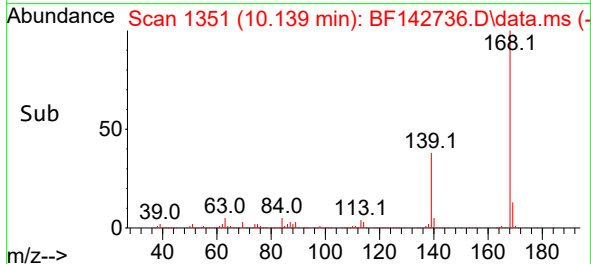
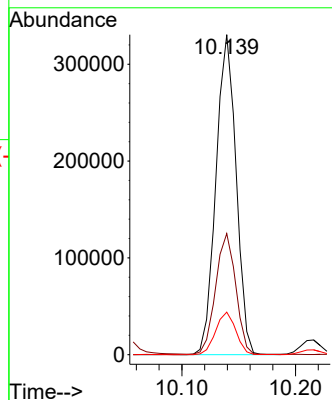
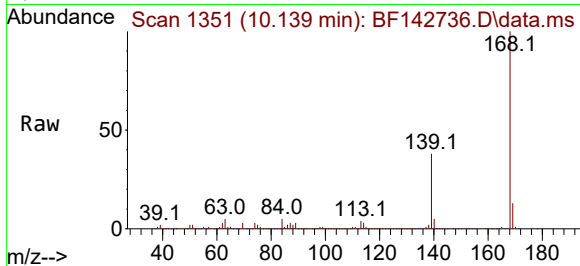




#55
Dibenzofuran
Concen: 46.208 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

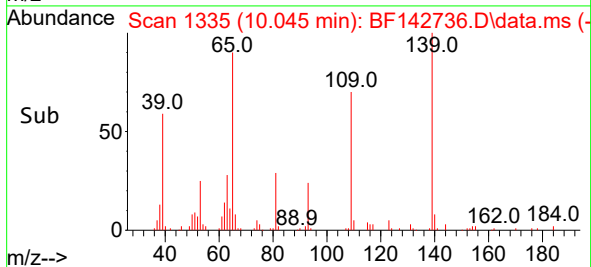
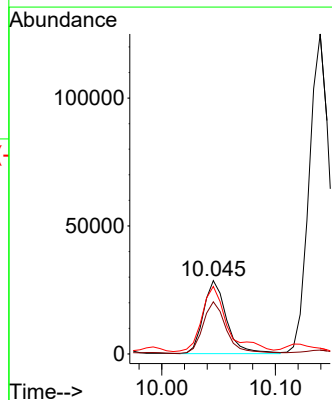
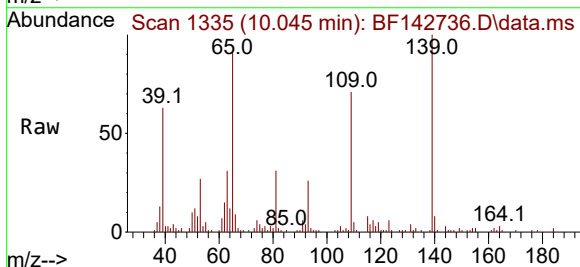
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

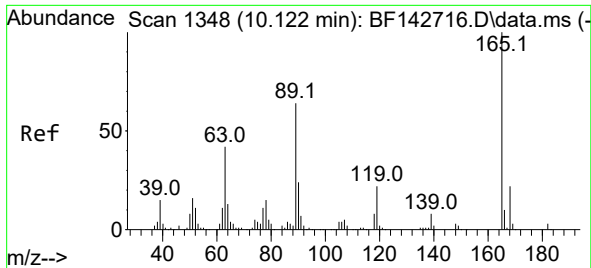
Tgt Ion:168 Resp: 407323
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 36.489 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:139 Resp: 40099
Ion Ratio Lower Upper
139 100
109 71.3 47.5 87.5
65 92.2 69.2 109.2

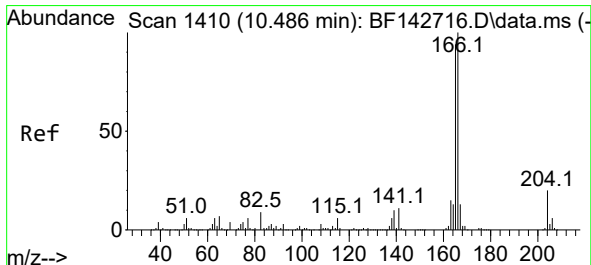
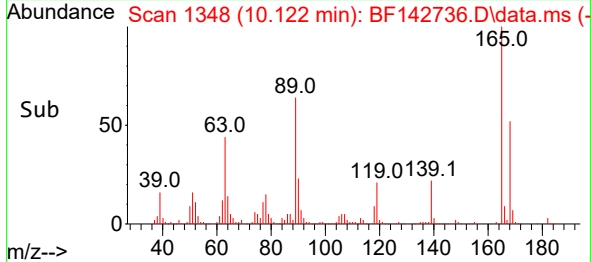
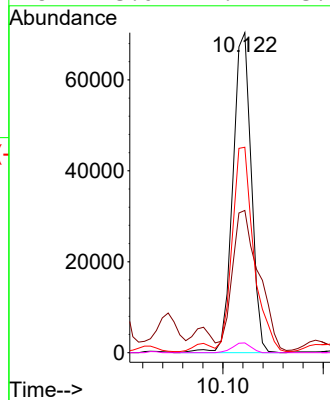
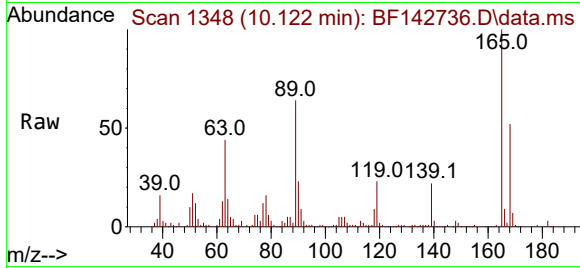




#57
2,4-Dinitrotoluene
Concen: 45.517 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

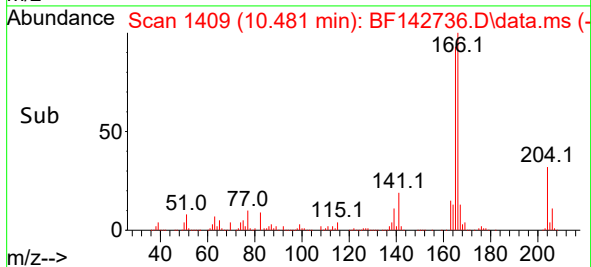
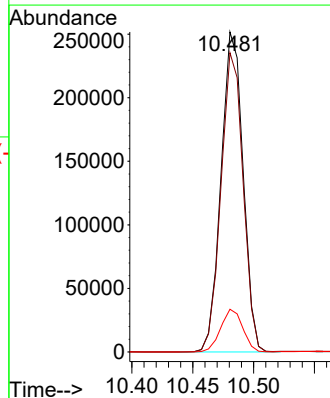
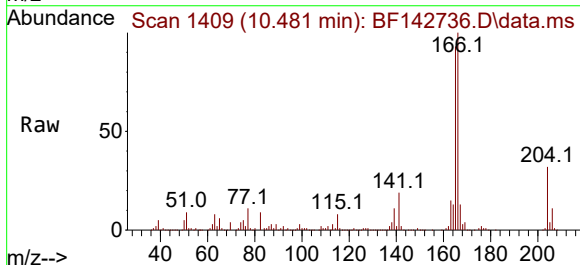
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

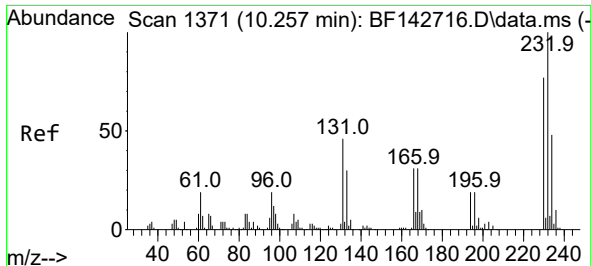
Tgt Ion:	165	Resp:	89902
Ion Ratio	Lower	Upper	
165	100		
63	44.4	34.1	51.1
89	64.2	50.8	76.2
182	3.0	2.2	3.2



#58
Fluorene
Concen: 45.564 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:	166	Resp:	317178
Ion Ratio	Lower	Upper	
166	100		
165	93.5	74.9	112.3
167	13.3	10.7	16.1

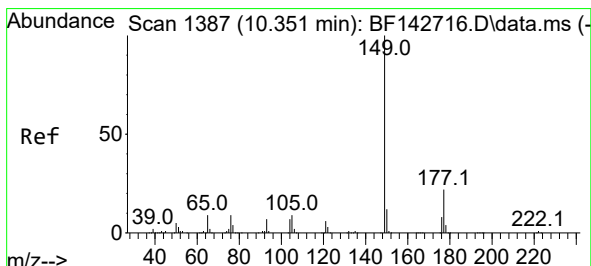
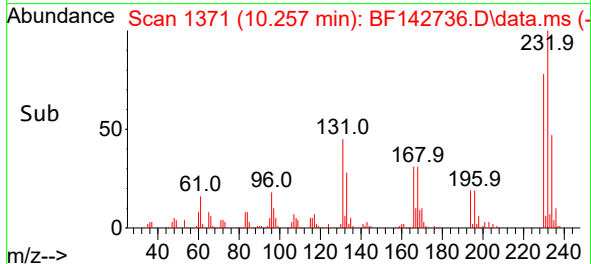
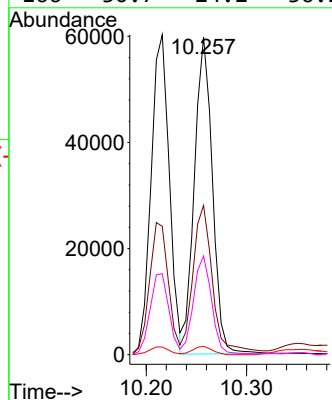
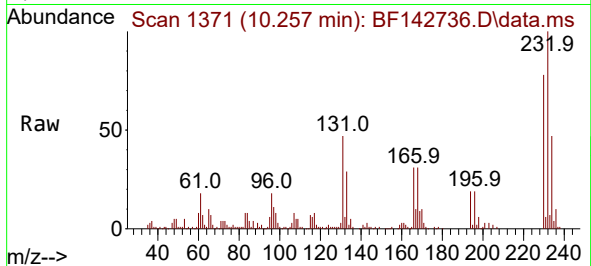




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.345 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

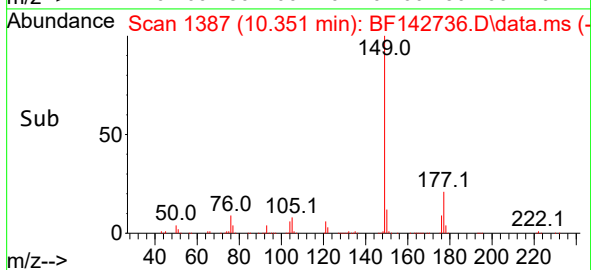
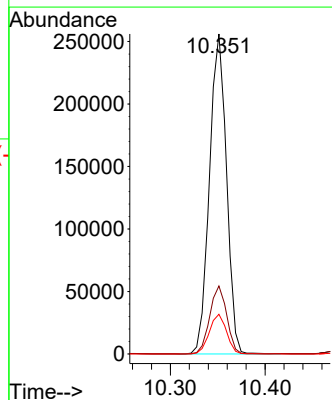
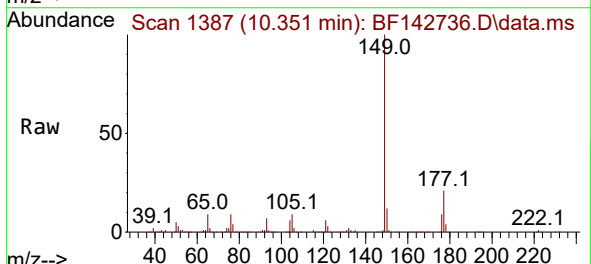
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

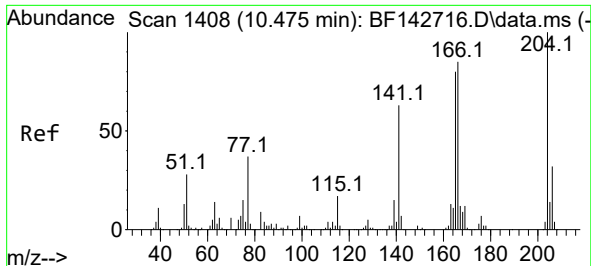
Tgt Ion:232 Resp: 74616
Ion Ratio Lower Upper
232 100
131 49.2 35.8 53.8
130 2.9 1.8 2.6#
166 30.7 24.2 36.2



#60
Diethylphthalate
Concen: 46.563 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:149 Resp: 319130
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.0
150 12.4 10.0 15.0

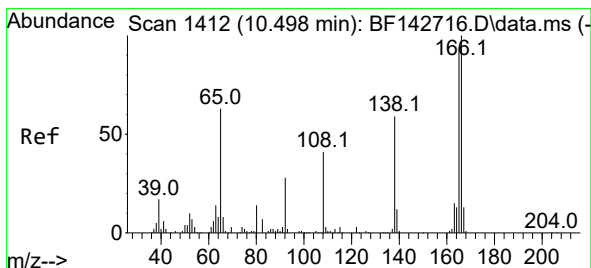
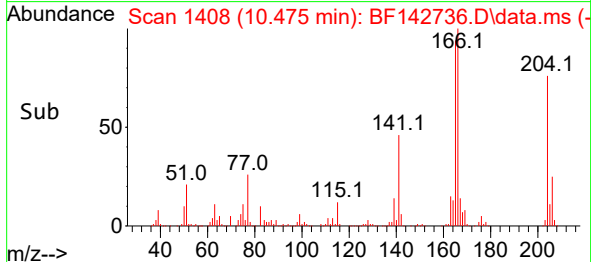
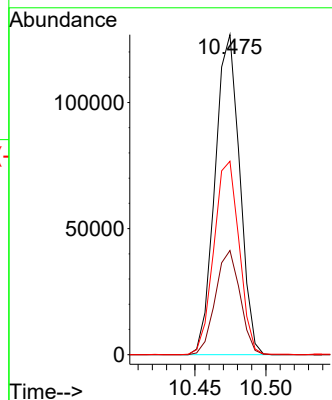
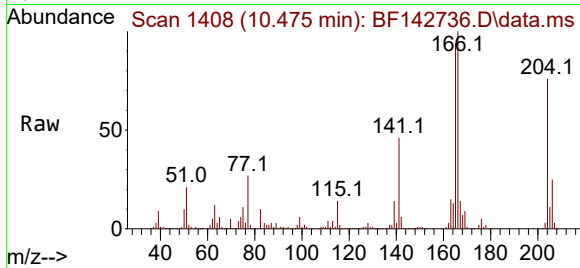




#61
4-Chlorophenyl-phenylether
Concen: 45.062 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

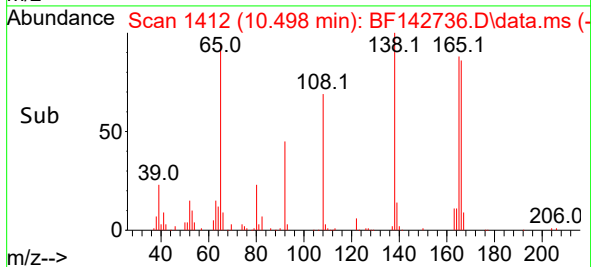
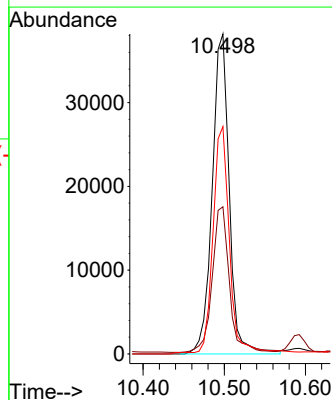
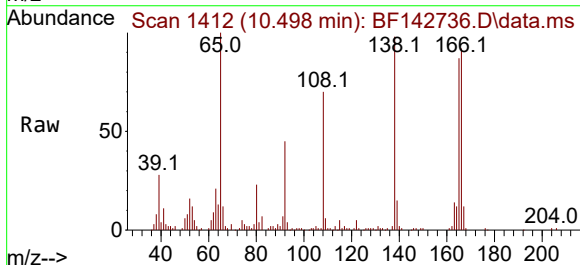
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

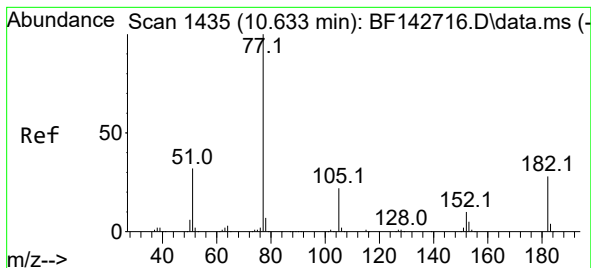
Tgt Ion:204 Resp: 153191
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.5 50.2 75.4



#62
4-Nitroaniline
Concen: 38.528 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:138 Resp: 55849
Ion Ratio Lower Upper
138 100
92 46.0 27.2 67.2
108 71.1 49.9 89.9





#63

Azobenzene

Concen: 44.733 ng

RT: 10.634 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

Tgt Ion: 77 Resp: 267765

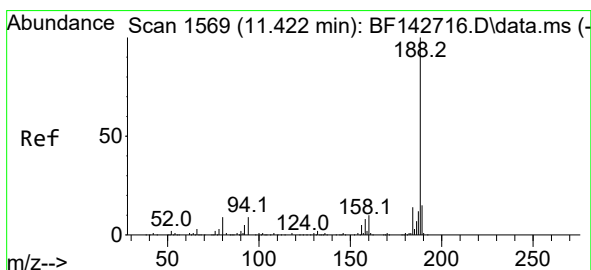
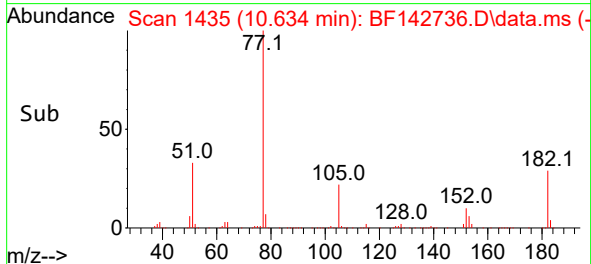
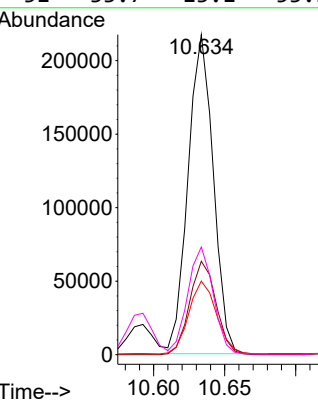
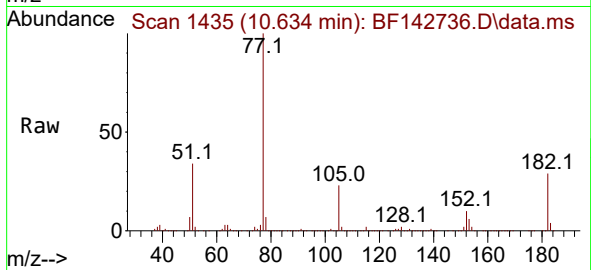
Ion Ratio Lower Upper

77 100

182 29.2 7.8 47.8

105 23.0 1.9 41.9

51 33.7 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

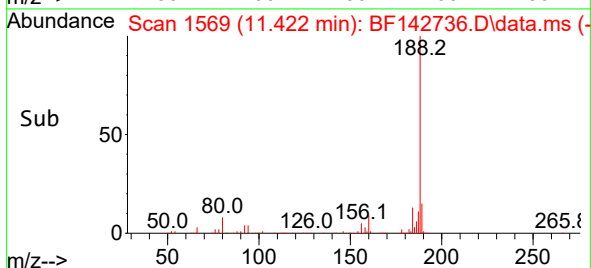
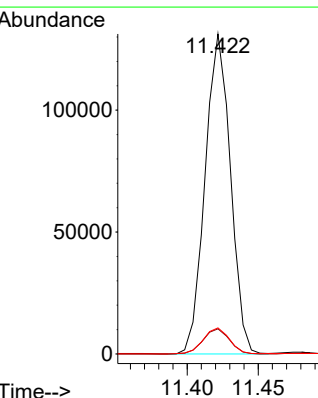
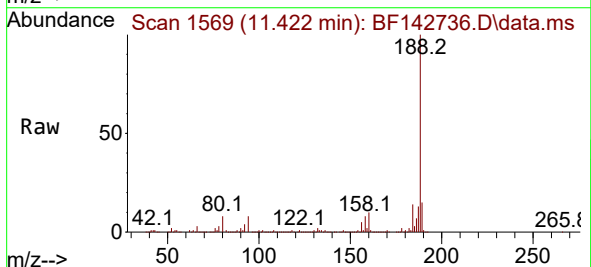
Tgt Ion:188 Resp: 162996

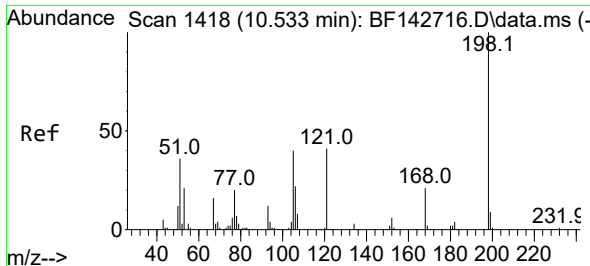
Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 8.1 7.1 10.7

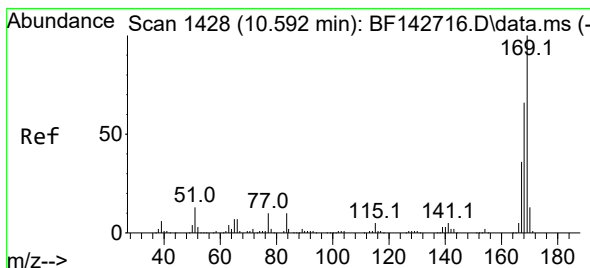
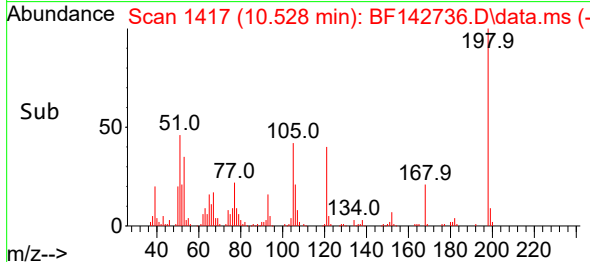
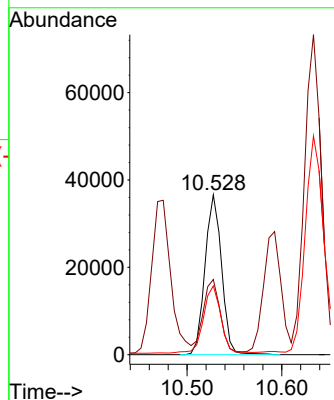
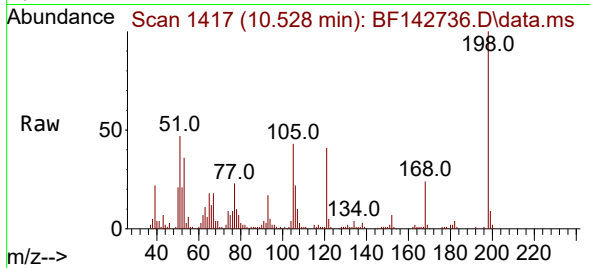




#65
4,6-Dinitro-2-methylphenol
Concen: 43.543 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

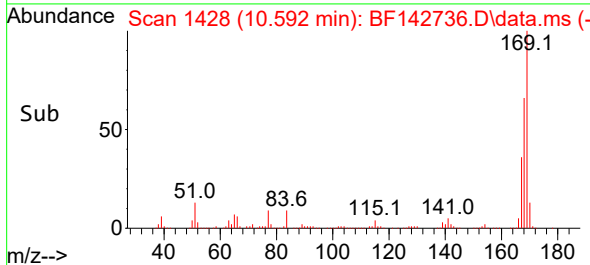
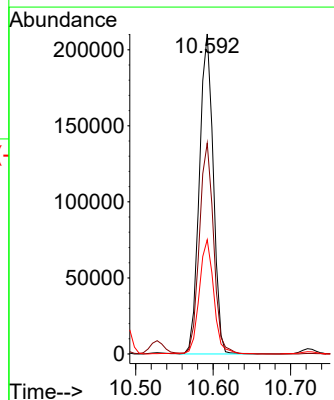
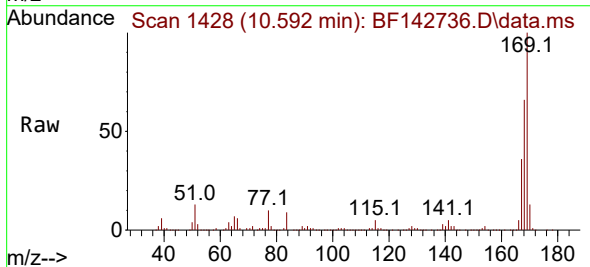
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

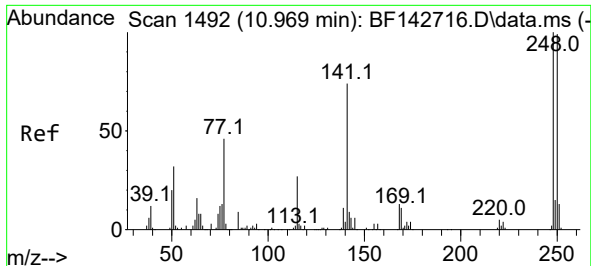
Tgt Ion:198 Resp: 44445
Ion Ratio Lower Upper
198 100
51 47.0 25.5 65.5
105 43.0 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 46.755 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:169 Resp: 261960
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.7 28.7 43.1

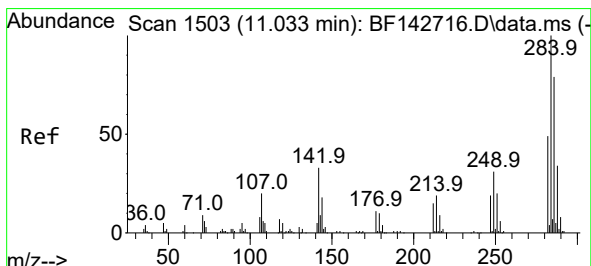
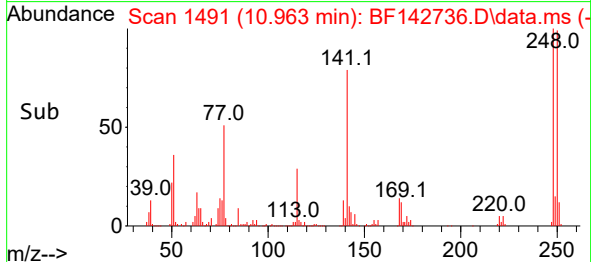
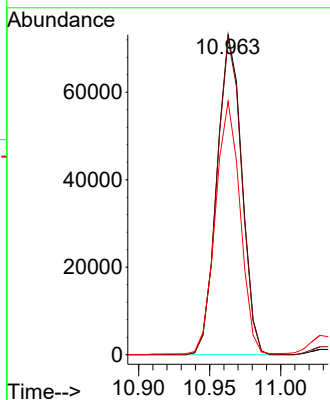
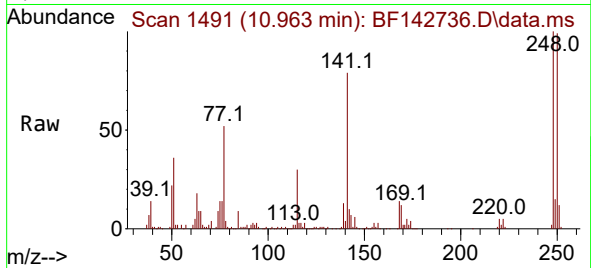




#67
4-Bromophenyl-phenylether
Concen: 46.339 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

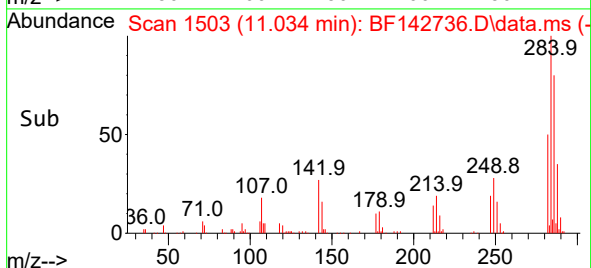
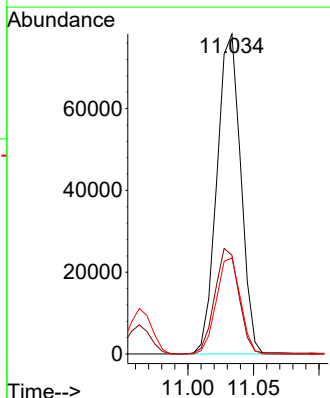
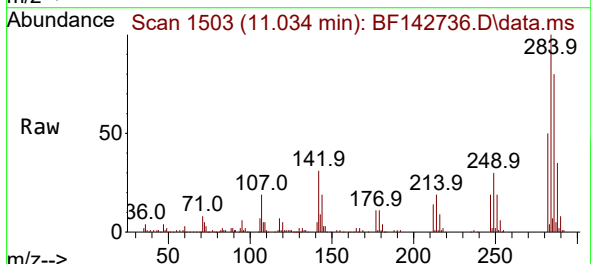
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

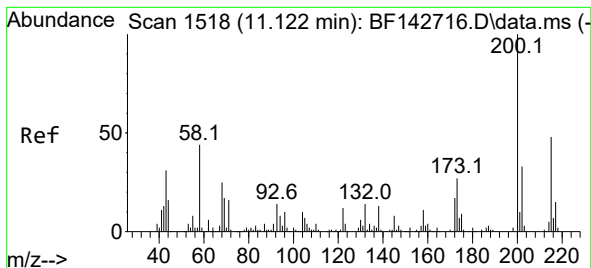
Tgt Ion:248 Resp: 89155
Ion Ratio Lower Upper
248 100
250 98.7 79.2 118.8
141 79.1 59.3 88.9



#68
Hexachlorobenzene
Concen: 46.233 ng
RT: 11.034 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:284 Resp: 98739
Ion Ratio Lower Upper
284 100
142 30.9 26.0 39.0
249 30.0 24.6 37.0





#69

Atrazine

Concen: 51.399 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

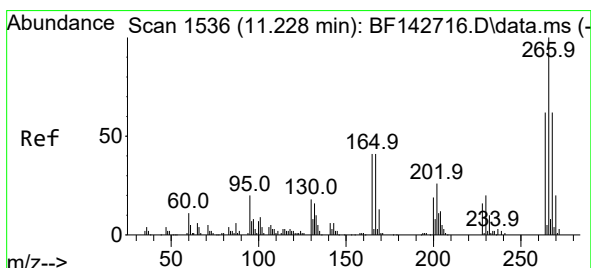
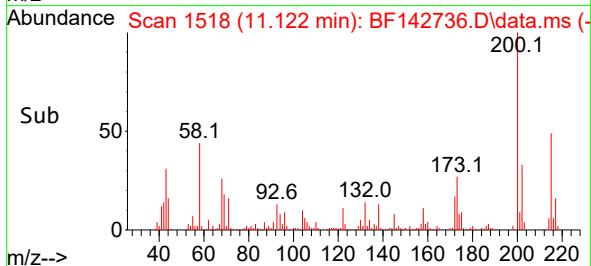
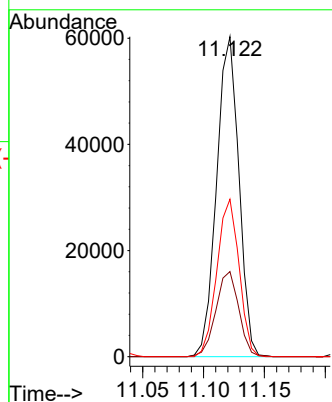
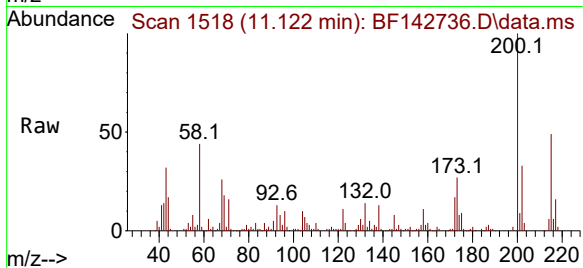
Tgt Ion:200 Resp: 76777

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 49.2 28.2 68.2



#70

Pentachlorophenol

Concen: 99.288 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

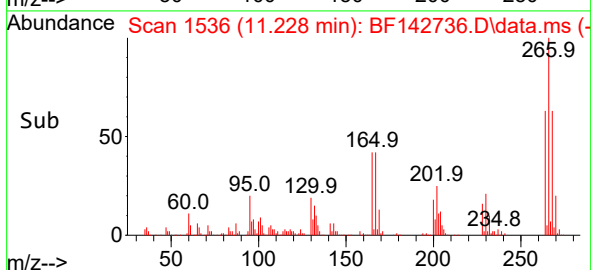
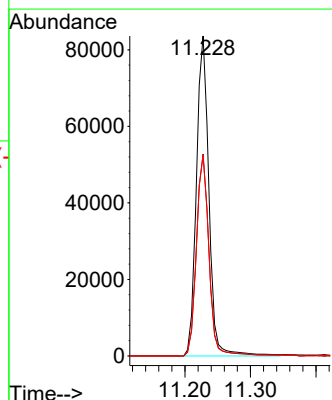
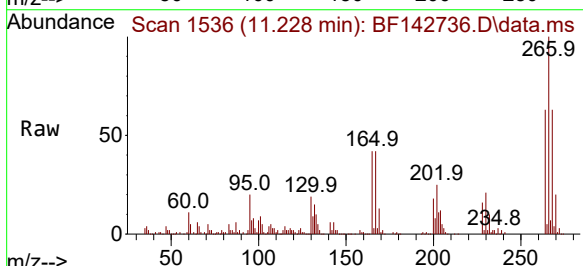
Tgt Ion:266 Resp: 111153

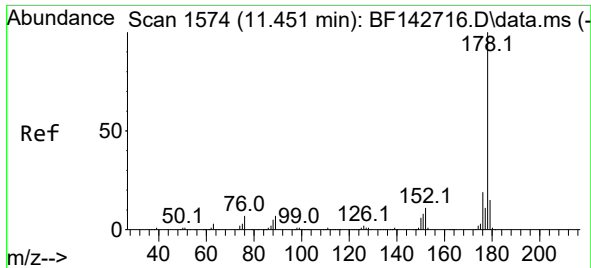
Ion Ratio Lower Upper

266 100

268 63.0 49.6 74.4

264 62.9 49.5 74.3

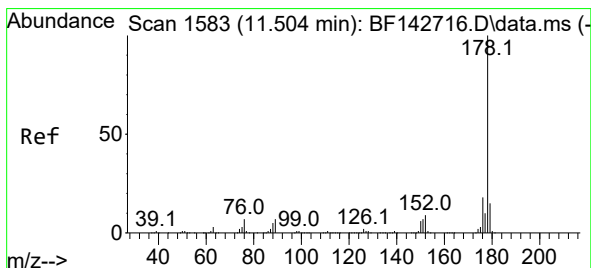
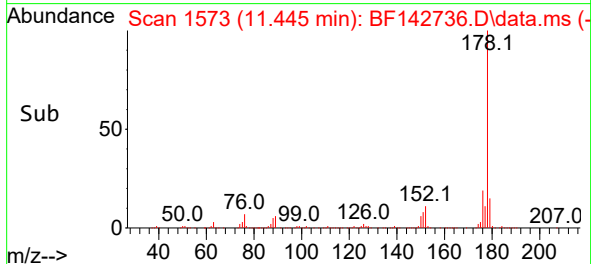
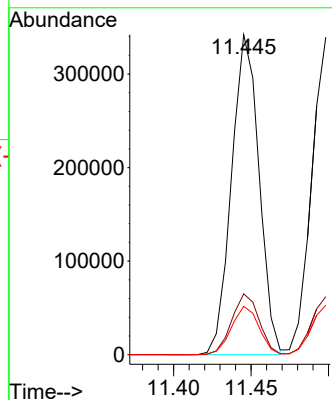
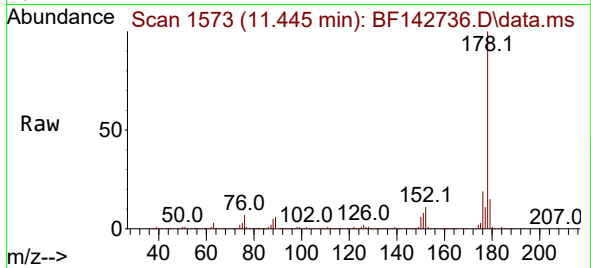




#71
Phenanthrene
Concen: 48.304 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

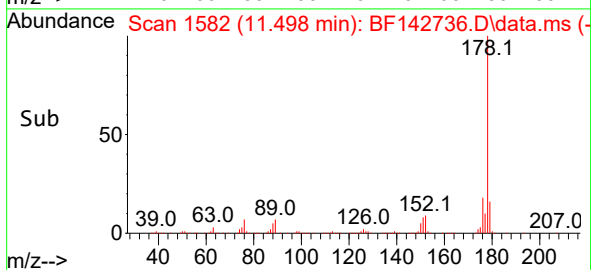
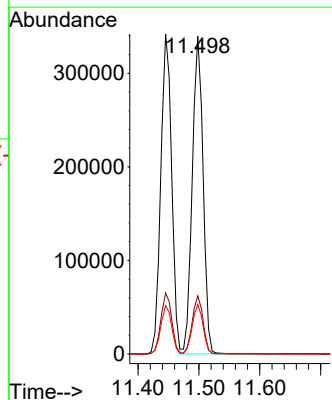
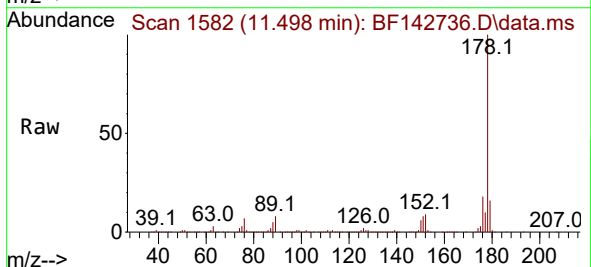
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

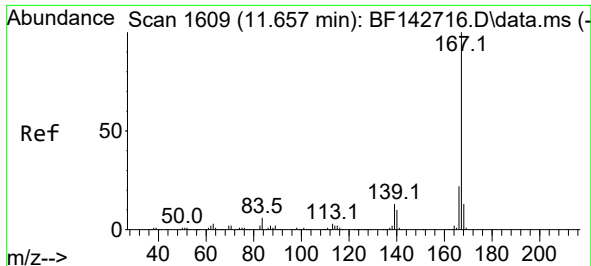
Tgt Ion:178 Resp: 421808
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 46.301 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:178 Resp: 418256
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.6 12.2 18.2

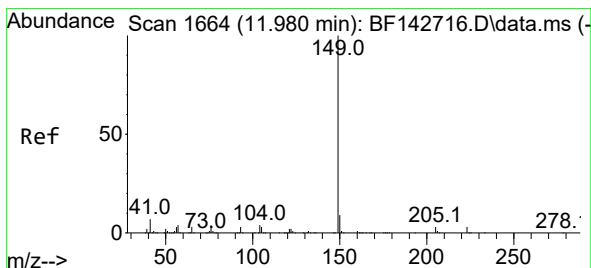
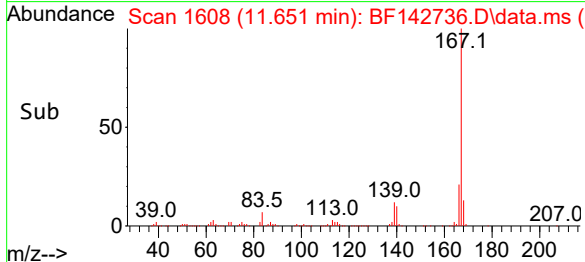
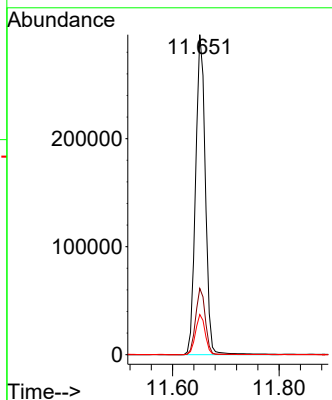
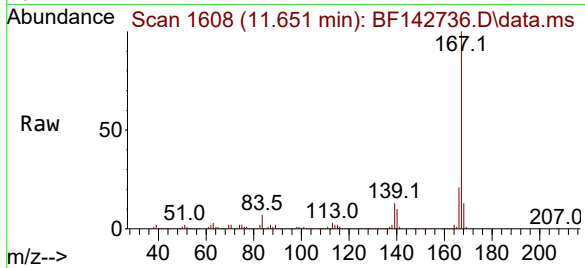




#73
Carbazole
Concen: 50.032 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

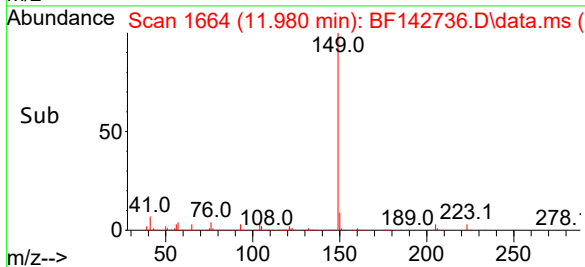
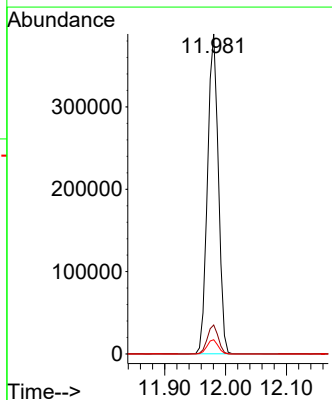
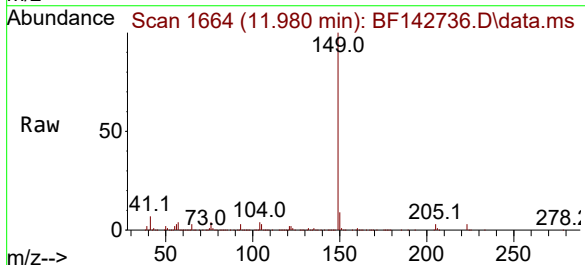
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

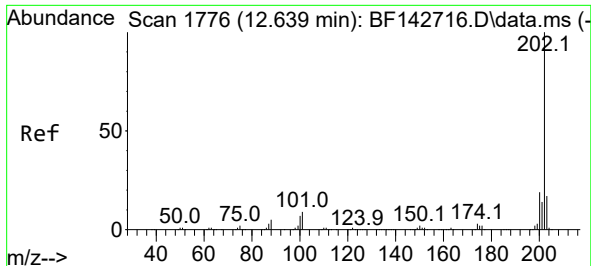
Tgt Ion:167 Resp: 378361
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.5 10.2 15.4



#74
Di-n-butylphthalate
Concen: 56.867 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:149 Resp: 480202
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 4.4 3.4 5.2

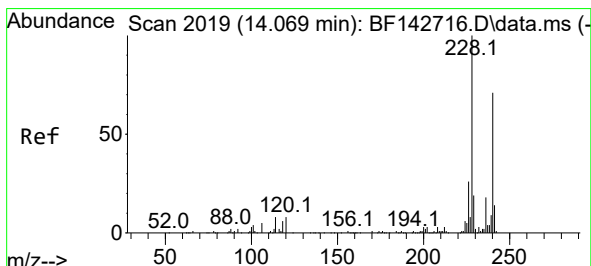
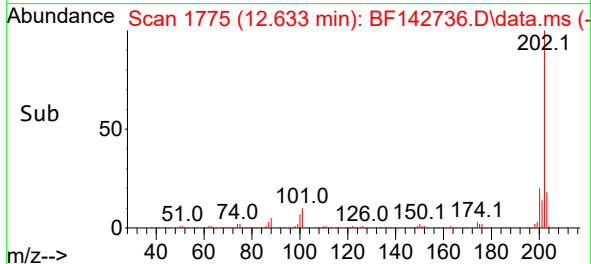
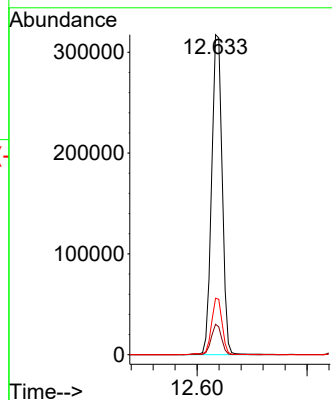
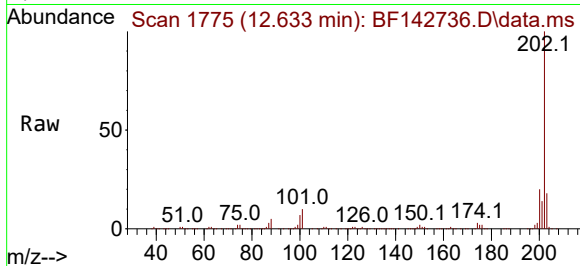




#75
Fluoranthene
Concen: 50.901 ng
RT: 12.633 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

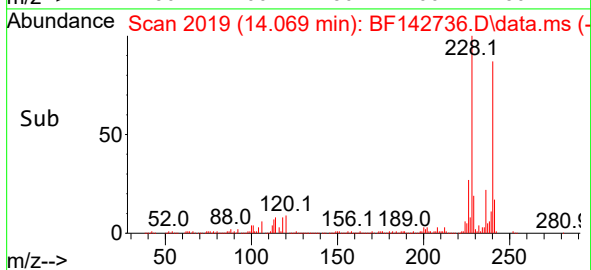
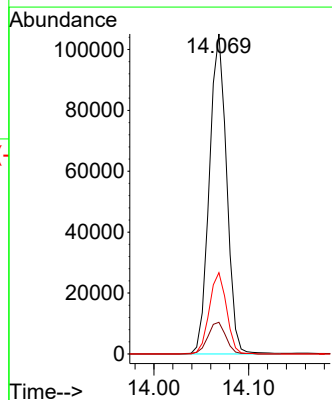
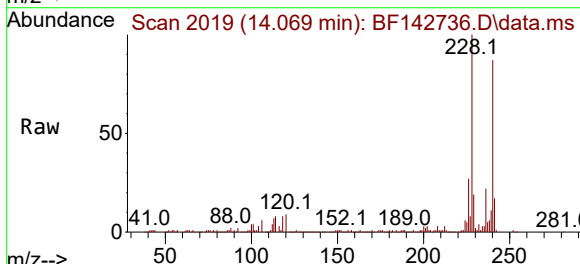
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

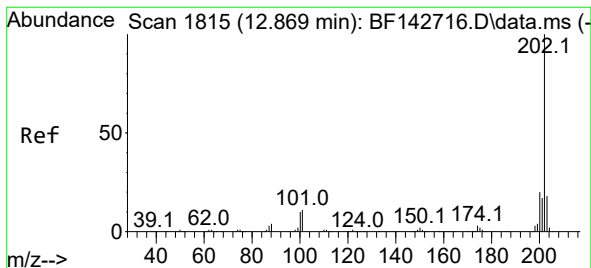
Tgt Ion:202 Resp: 422658
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.5
203 17.7 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:240 Resp: 132941
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.4 20.1 30.1





#78

Pyrene

Concen: 34.522 ng

RT: 12.869 min Scan# 1815

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

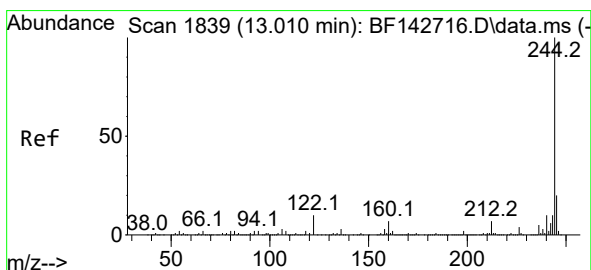
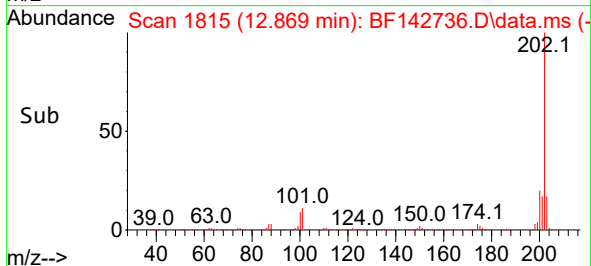
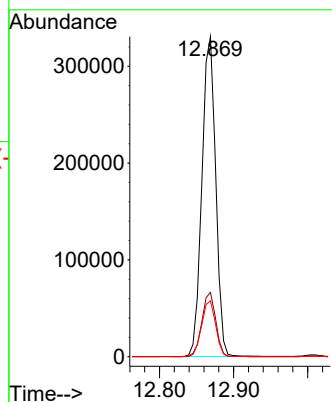
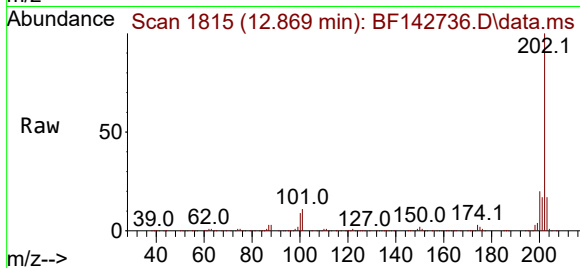
Tgt Ion:202 Resp: 426496

Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

203 17.5 14.1 21.1



#79

Terphenyl-d14

Concen: 59.327 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

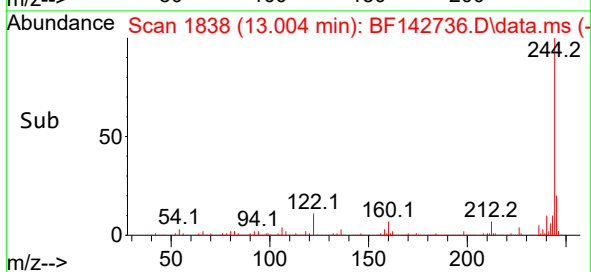
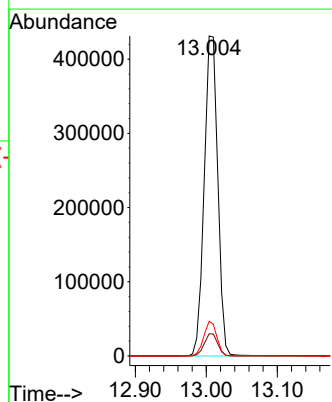
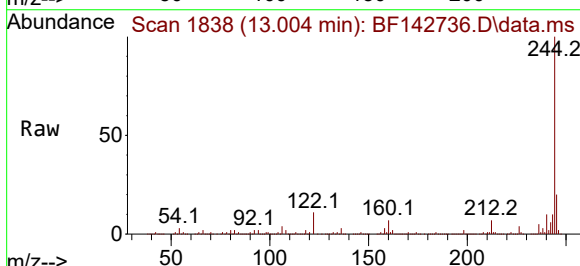
Tgt Ion:244 Resp: 574248

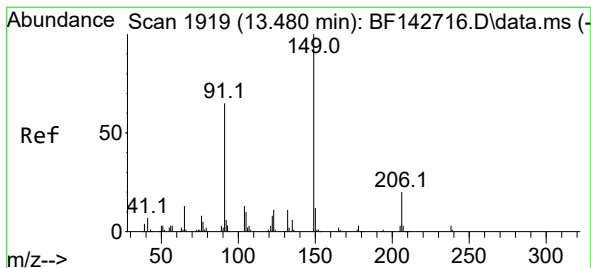
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.8 8.3 12.5





#80

Butylbenzylphthalate

Concen: 53.705 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

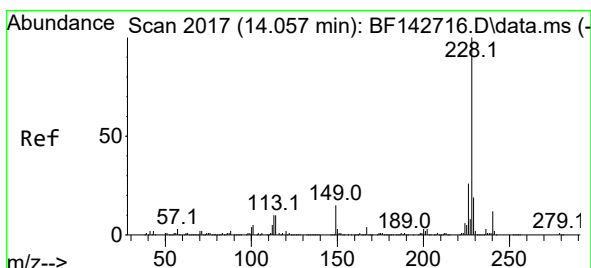
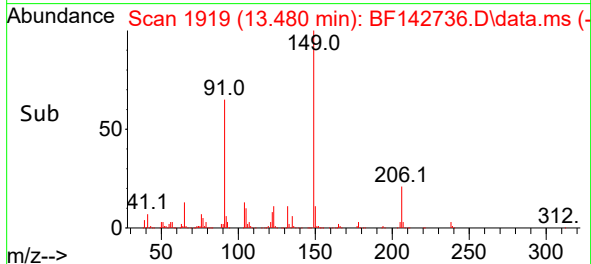
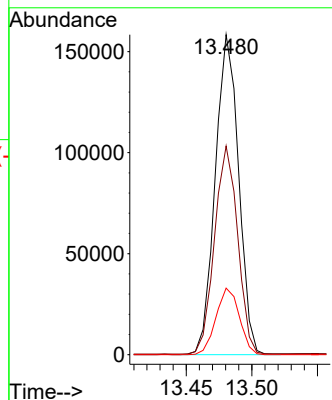
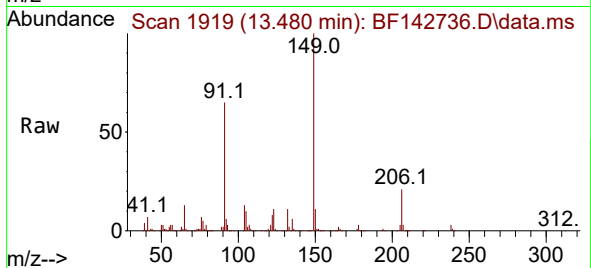
Tgt Ion:149 Resp: 196200

Ion Ratio Lower Upper

149 100

91 65.2 52.3 78.5

206 20.8 16.0 24.0



#81

Benzo(a)anthracene

Concen: 46.238 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

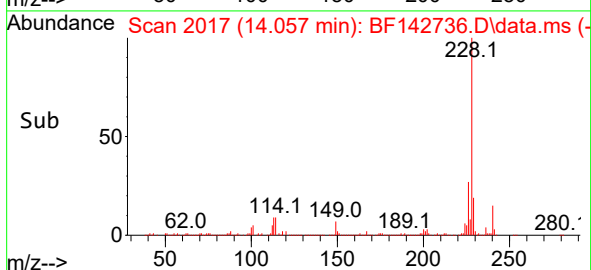
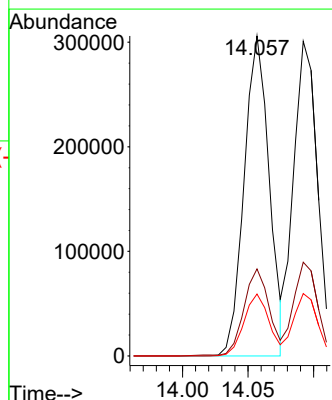
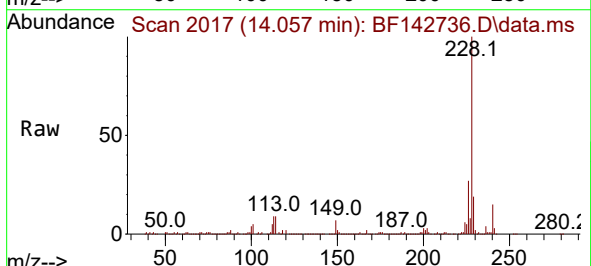
Tgt Ion:228 Resp: 407334

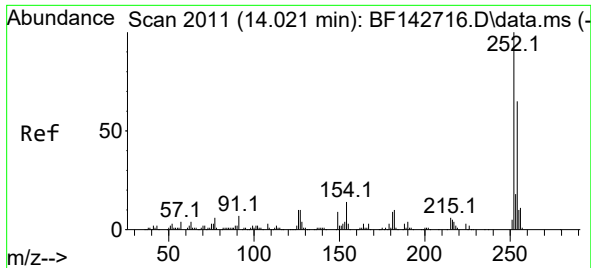
Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

229 19.4 15.5 23.3

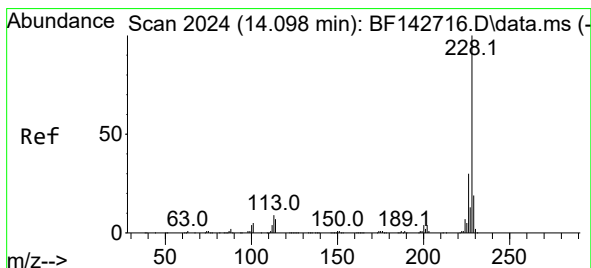
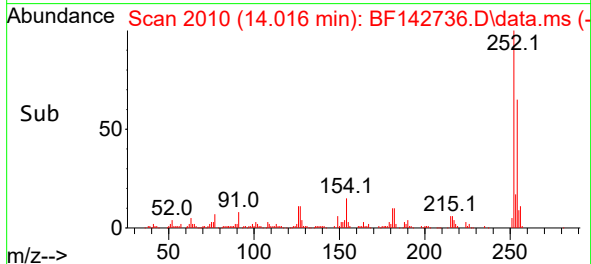
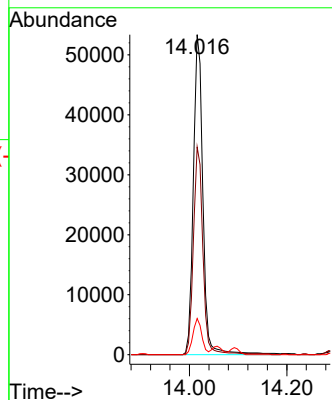
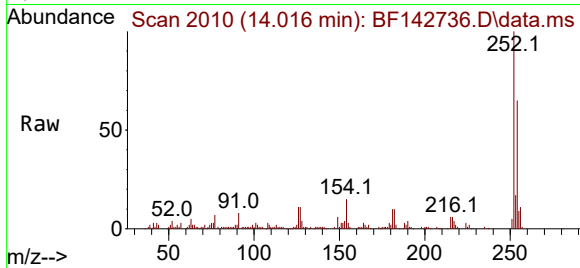




#82
3,3'-Dichlorobenzidine
Concen: 25.795 ng
RT: 14.016 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

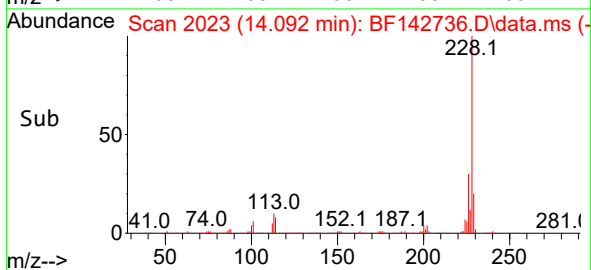
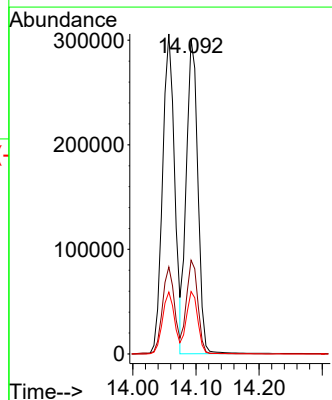
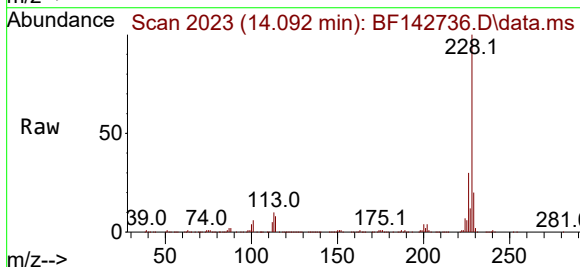
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

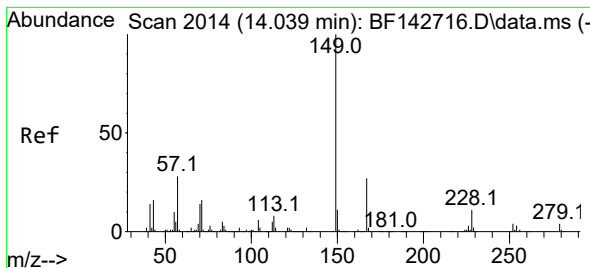
Tgt Ion:252 Resp: 73280
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 11.3 8.1 12.1



#83
Chrysene
Concen: 47.009 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Tgt Ion:228 Resp: 382346
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 19.8 15.5 23.3

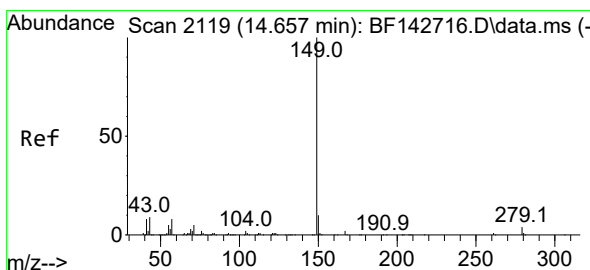
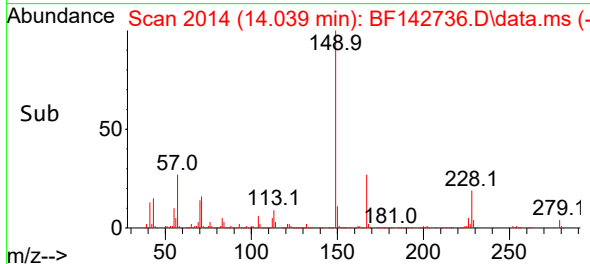
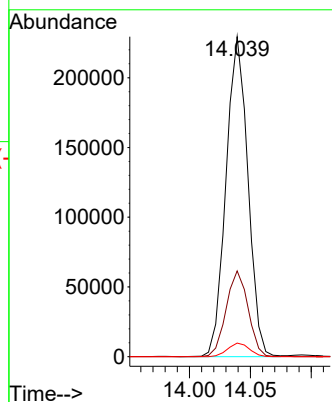
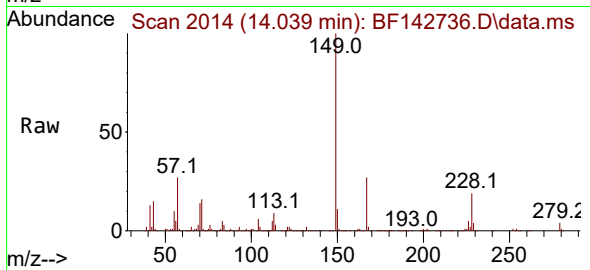




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.345 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

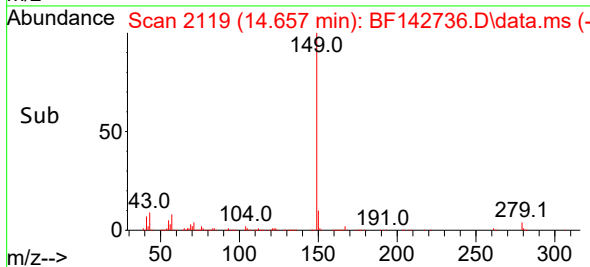
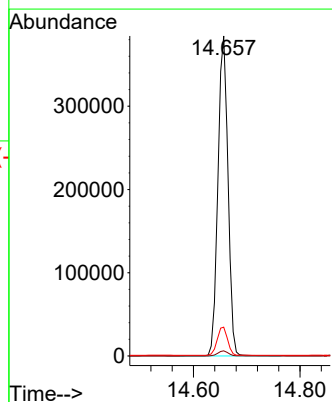
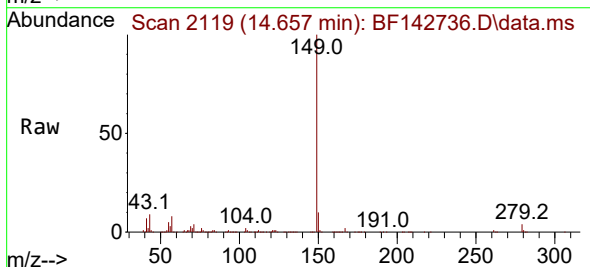
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20250605MSD

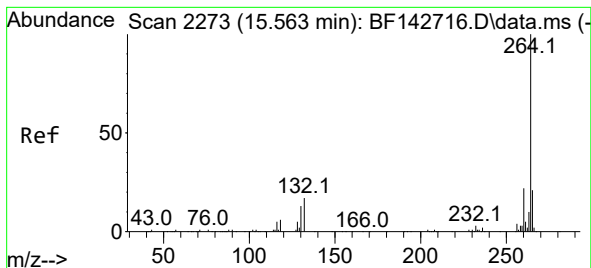
Tgt Ion:149 Resp: 286992
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.2
 279 4.2 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 47.849 ng
 RT: 14.657 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BF142736.D
 Acq: 11 Jun 2025 15:50

Tgt Ion:149 Resp: 503310
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.1 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

Instrument :

BNA_F

ClientSampleId :

MW-2-20250605MSD

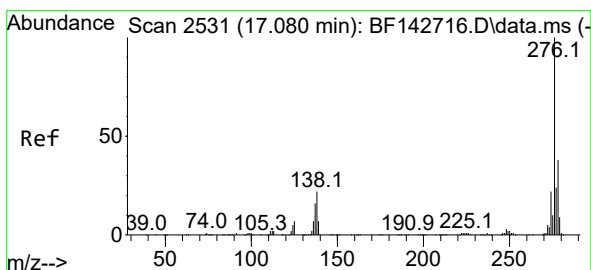
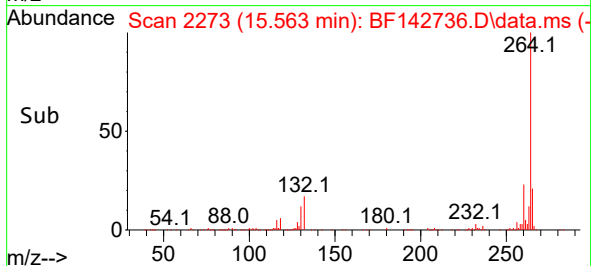
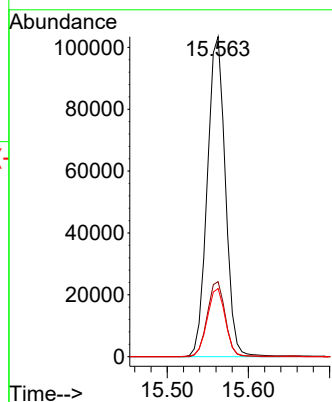
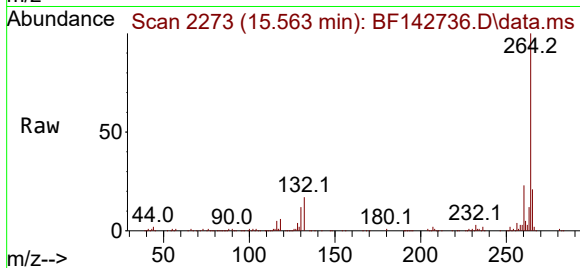
Tgt Ion:264 Resp: 159622

Ion Ratio Lower Upper

264 100

260 23.5 17.8 26.6

265 21.3 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.451 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF142736.D

Acq: 11 Jun 2025 15:50

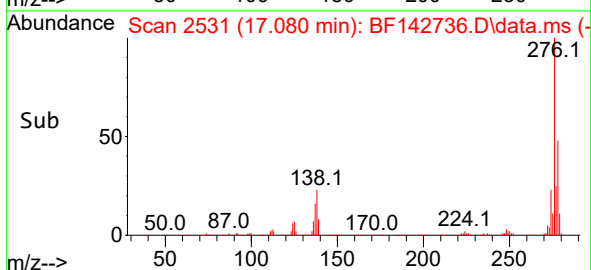
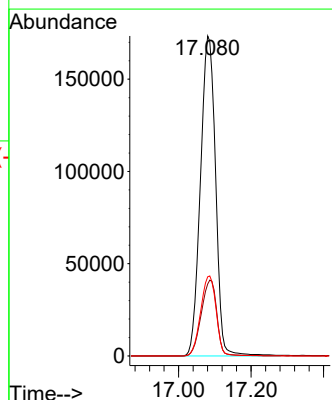
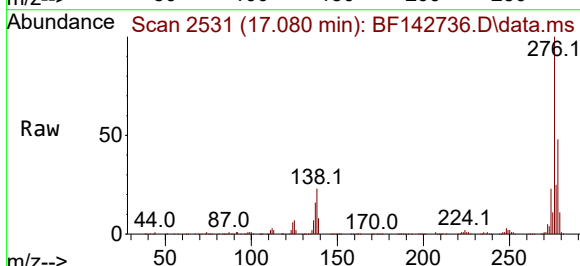
Tgt Ion:276 Resp: 502146

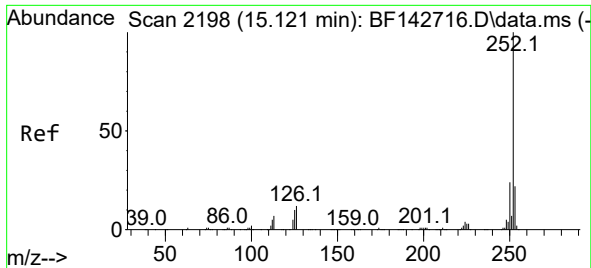
Ion Ratio Lower Upper

276 100

138 24.4 19.3 28.9

277 25.6 20.2 30.2

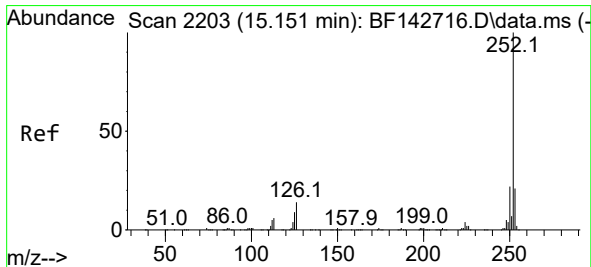
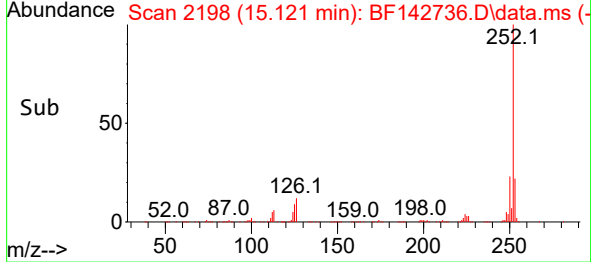
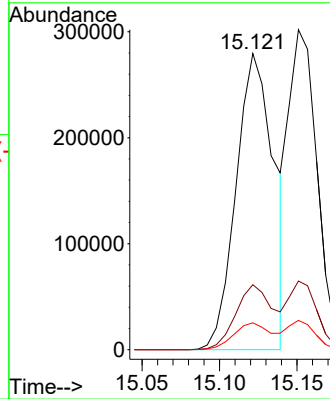
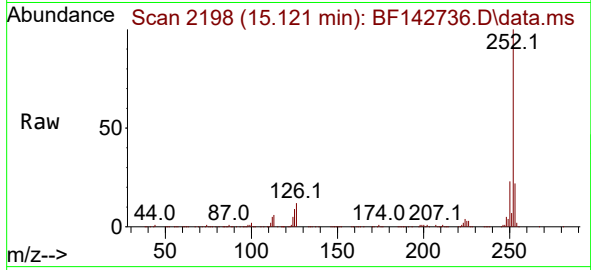




#88
Benzo(b)fluoranthene
Concen: 50.303 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

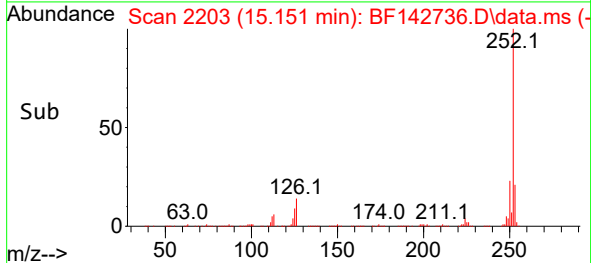
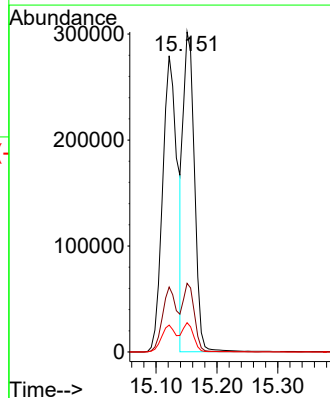
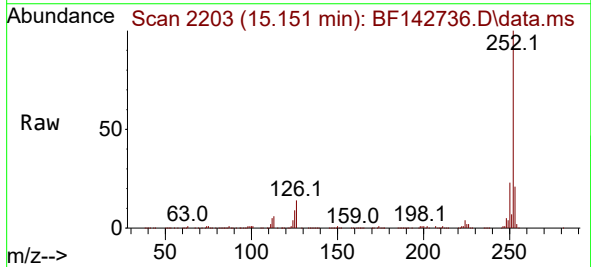
Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

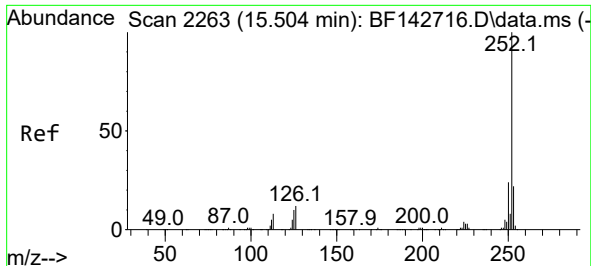
Tgt Ion:252 Resp: 472787
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.1 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 42.701 ng
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

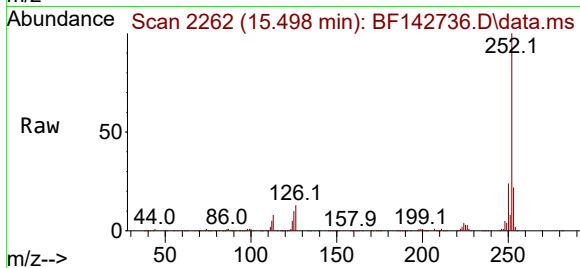
Tgt Ion:252 Resp: 389405
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.1 7.5 11.3



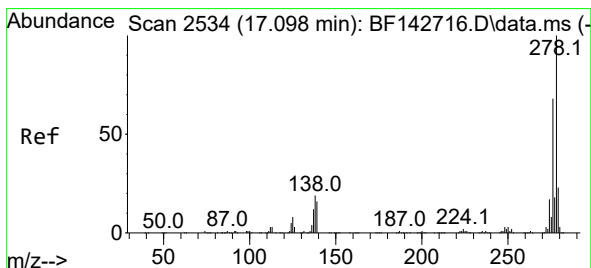
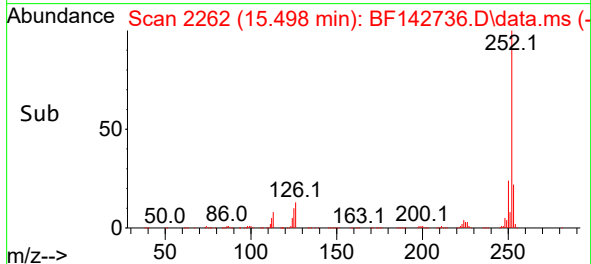
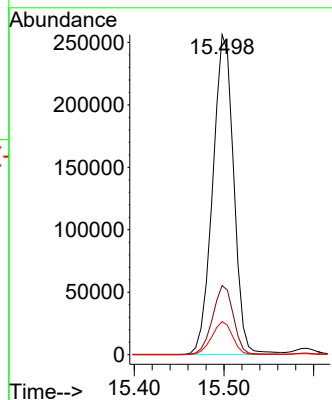


#90
Benzo(a)pyrene
Concen: 46.492 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

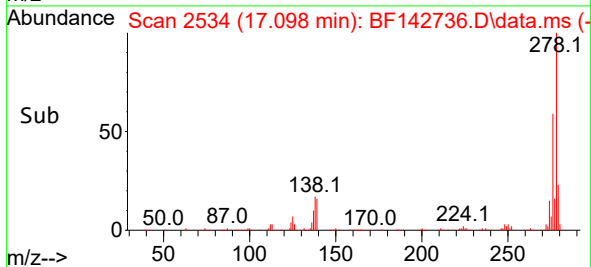
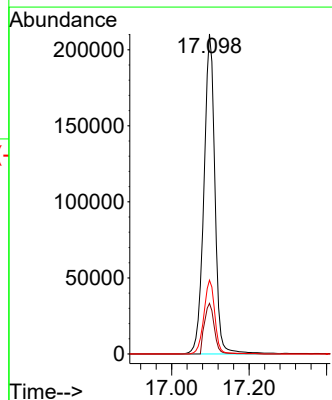
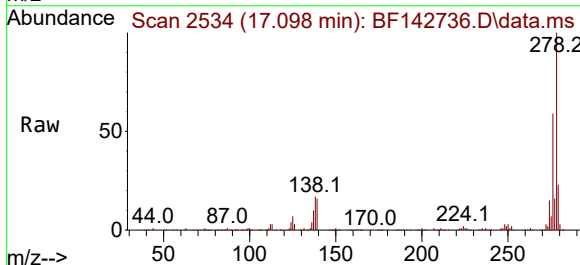


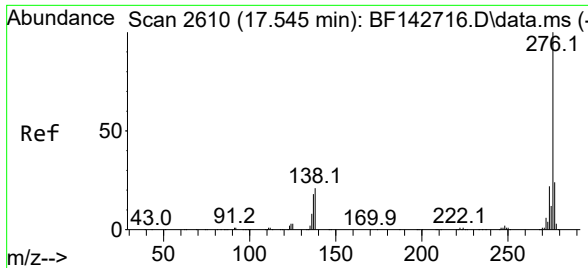
Tgt Ion:252 Resp: 415470
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.4 8.0 12.0



#91
Dibenzo(a,h)anthracene
Concen: 42.946 ng
RT: 17.098 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

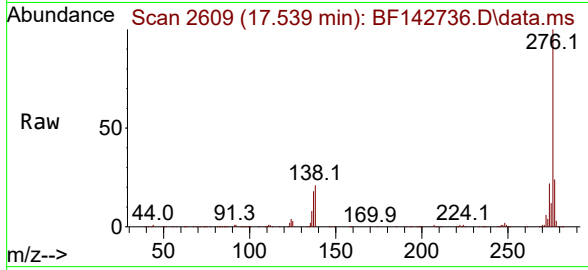
Tgt Ion:278 Resp: 414794
Ion Ratio Lower Upper
278 100
139 15.8 12.8 19.2
279 23.0 18.7 28.1





#92
Benzo(g,h,i)perylene
Concen: 40.587 ng
RT: 17.539 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142736.D
Acq: 11 Jun 2025 15:50

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD



Tgt Ion:276 Resp: 389816
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 21.1 16.4 24.6

