

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143060.D
 Acq On : 09 Jul 2025 17:00
 Operator : RC/JU
 Sample : Q2517-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Quant Time: Jul 09 17:29:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	52081	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	191892	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	94721	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	141827	20.000	ng	0.00
76) Chrysene-d12	14.057	240	102470	20.000	ng	0.00
86) Perylene-d12	15.551	264	129759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	252600	80.751	ng	0.00
7) Phenol-d6	6.504	99	302500	81.965	ng	0.00
23) Nitrobenzene-d5	7.434	82	182282	52.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	75351	77.303	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	365046	50.628	ng	-0.01
79) Terphenyl-d14	12.986	244	278331	37.530	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	47746	38.161	ng	99
3) Pyridine	3.428	79	128485	40.962	ng	97
4) n-Nitrosodimethylamine	3.381	42	72343	44.601	ng	99
6) Aniline	6.534	93	174035	35.440	ng	# 84
8) 2-Chlorophenol	6.657	128	154047	45.652	ng	99
9) Benzaldehyde	6.422	77	100643	45.965	ng	100
10) Phenol	6.522	94	185979	45.335	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	133742	45.614	ng	98
12) 1,3-Dichlorobenzene	6.810	146	173030	45.850	ng	99
13) 1,4-Dichlorobenzene	6.887	146	171179	44.958	ng	99
14) 1,2-Dichlorobenzene	7.039	146	165519	45.833	ng	99
15) Benzyl Alcohol	7.016	79	123812	46.406	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	194506	41.290	ng	86
17) 2-Methylphenol	7.128	107	116151	45.422	ng	98
18) Hexachloroethane	7.381	117	60912	45.738	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	96586	44.998	ng	96
20) 3+4-Methylphenols	7.281	107	151225	47.431	ng	90
22) Acetophenone	7.281	105	204260	48.271	ng	99
24) Nitrobenzene	7.457	77	145564	45.971	ng	97
25) Isophorone	7.698	82	256365	45.681	ng	99
26) 2-Nitrophenol	7.775	139	82025	47.554	ng	98
27) 2,4-Dimethylphenol	7.810	122	136760m	45.773	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	163975	45.959	ng	99
29) 2,4-Dichlorophenol	8.022	162	123158	45.461	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	139564	46.850	ng	99
31) Naphthalene	8.181	128	436443	46.466	ng	100
32) Benzoic acid	7.945	122	14897m	9.782	ng	
33) 4-Chloroaniline	8.228	127	103359	27.062	ng	98
34) Hexachlorobutadiene	8.292	225	84985	46.640	ng	99
35) Caprolactam	8.598	113	31057	43.444	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	124451	46.223	ng	99
37) 2-Methylnaphthalene	8.869	142	267024	45.855	ng	99
38) 1-Methylnaphthalene	8.969	142	278180	46.147	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	135710	48.556	ng	99
41) Hexachlorocyclopentadiene	9.022	237	108106	68.160	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	78190	42.932	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
 Data File : BF143060.D
 Acq On : 09 Jul 2025 17:00
 Operator : RC/JU
 Sample : Q2517-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Quant Time: Jul 09 17:29:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84906	44.287	ng	99
46) 1,1'-Biphenyl	9.333	154	366451	48.975	ng	99
47) 2-Chloronaphthalene	9.363	162	269042	47.915	ng	99
48) 2-Nitroaniline	9.463	65	75973	48.261	ng	94
49) Acenaphthylene	9.780	152	445436	48.189	ng	100
50) Dimethylphthalate	9.633	163	299646	48.871	ng	100
51) 2,6-Dinitrotoluene	9.704	165	65515	48.656	ng	96
52) Acenaphthene	9.951	154	263110m	46.653	ng	
53) 3-Nitroaniline	9.875	138	54019	36.438	ng	94
54) 2,4-Dinitrophenol	9.992	184	16820	24.947	ng	94
55) Dibenzofuran	10.122	168	382589	47.308	ng	100
56) 4-Nitrophenol	10.039	139	63769	62.831	ng	94
57) 2,4-Dinitrotoluene	10.110	165	85445	47.773	ng	94
58) Fluorene	10.463	166	302535	47.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	60190	38.949	ng	94
60) Diethylphthalate	10.333	149	289100	48.090	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	141165	46.838	ng	99
62) 4-Nitroaniline	10.486	138	62863	46.364	ng	99
63) Azobenzene	10.616	77	270038	50.258	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	23533	27.432	ng	99
66) n-Nitrosodiphenylamine	10.575	169	252837	51.438	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	84802	52.537	ng	97
68) Hexachlorobenzene	11.016	284	90152	50.264	ng	99
69) Atrazine	11.098	200	67161	52.912	ng	100
70) Pentachlorophenol	11.216	266	42727	47.807	ng	99
71) Phenanthrene	11.427	178	378793	49.304	ng	100
72) Anthracene	11.480	178	385629	48.942	ng	100
73) Carbazole	11.639	167	324129	47.669	ng	99
74) Di-n-butylphthalate	11.963	149	367460	51.876	ng	100
75) Fluoranthene	12.621	202	336211	46.111	ng	100
77) Benzidine	12.745	184	149939	38.946	ng	99
78) Pyrene	12.851	202	335284	34.907	ng	100
80) Butylbenzylphthalate	13.463	149	127678	45.826	ng	97
81) Benzo(a)anthracene	14.045	228	335887	48.590	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	72793	32.465	ng	99
83) Chrysene	14.080	228	301234	48.835	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	171962	42.898	ng	99
85) Di-n-octyl phthalate	14.633	149	327966	43.389	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	393256	39.789	ng	98
88) Benzo(b)fluoranthene	15.110	252	397576	52.951	ng	99
89) Benzo(k)fluoranthene	15.139	252	313820	44.674	ng	99
90) Benzo(a)pyrene	15.486	252	353459	48.728	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	317343	39.517	ng	98
92) Benzo(g,h,i)perylene	17.527	276	301293	37.625	ng	99

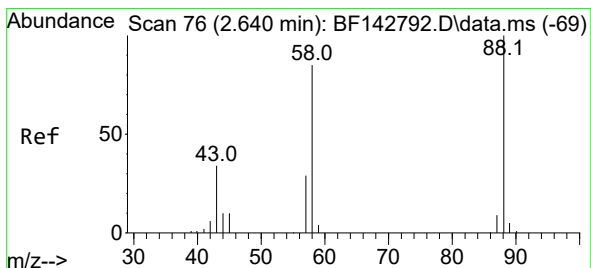
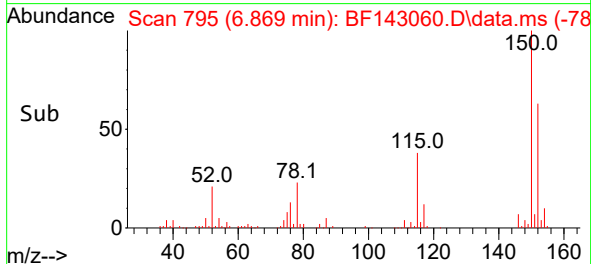
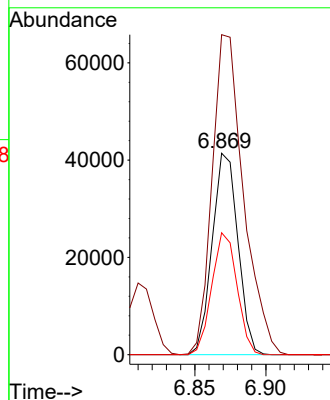
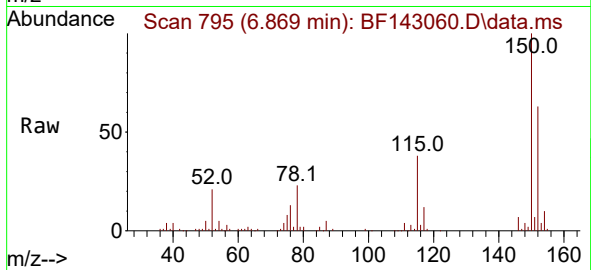
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

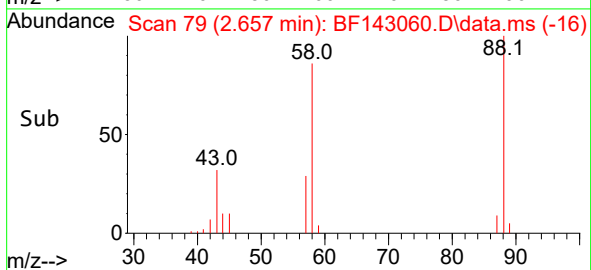
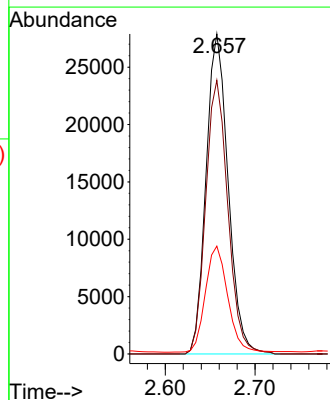
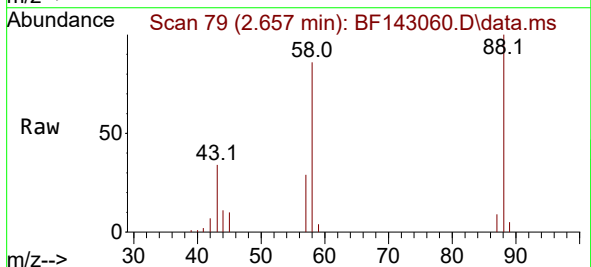
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tgt Ion:152 Resp: 52081
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.2 190.8
 115 60.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 38.161 ng
 RT: 2.657 min Scan# 79
 Delta R.T. 0.018 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

Tgt Ion: 88 Resp: 47746
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.1 103.7
 43 33.5 27.4 41.2

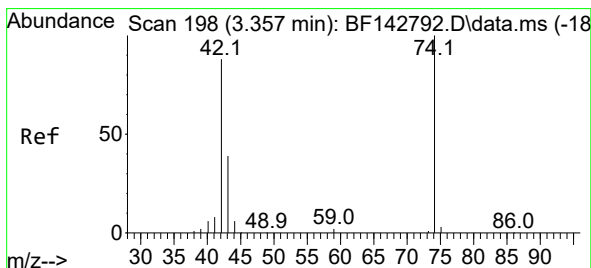
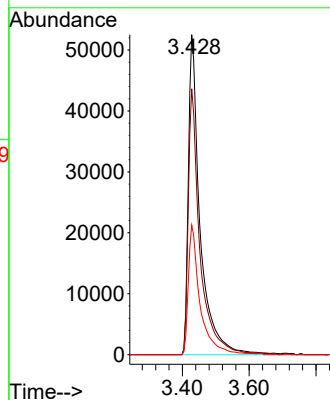
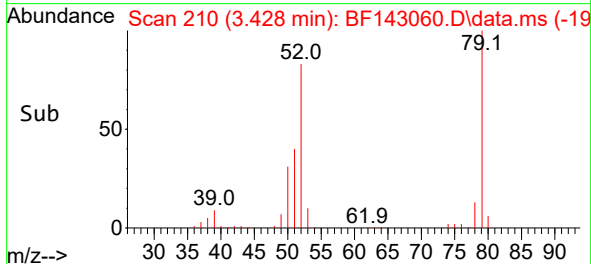
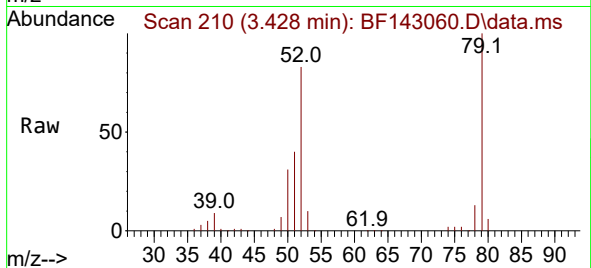




#3
Pyridine
Concen: 40.962 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.018 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

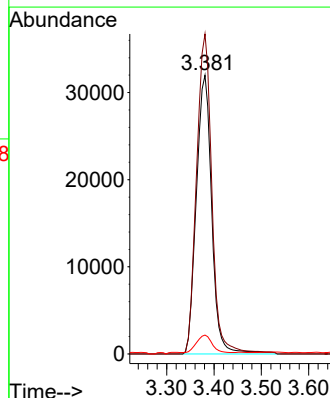
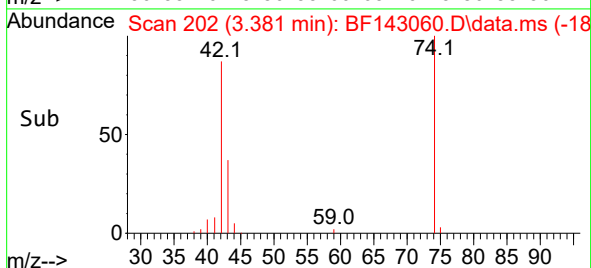
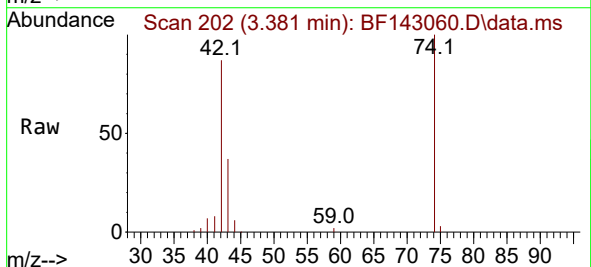
Instrument :
BNA_F
ClientSampleId :
TP-14MS

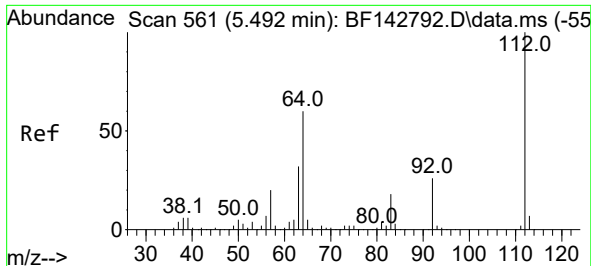
Tgt Ion: 79 Resp: 128485
Ion Ratio Lower Upper
79 100
52 83.1 69.2 103.8
51 40.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 44.601 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.024 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 42 Resp: 72343
Ion Ratio Lower Upper
42 100
74 114.8 90.9 136.3
44 6.8 5.8 8.6

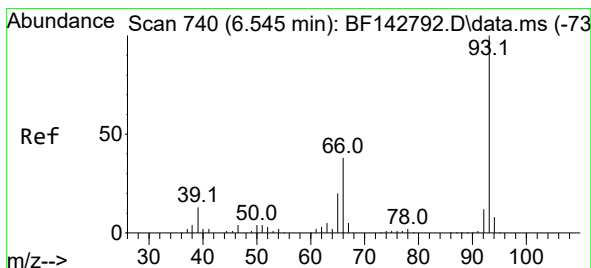
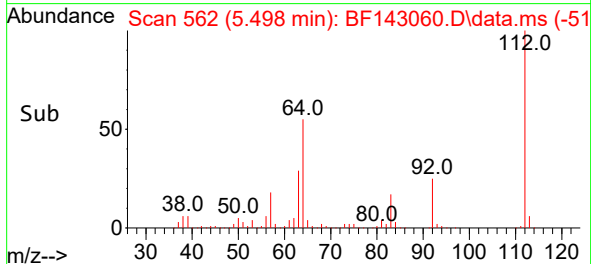
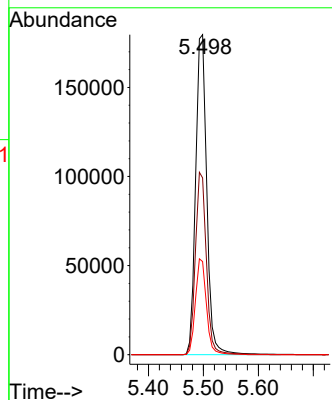
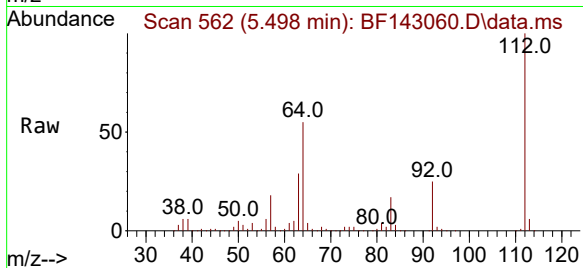




#5
2-Fluorophenol
Concen: 80.751 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

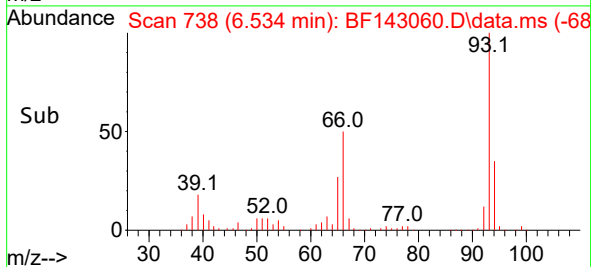
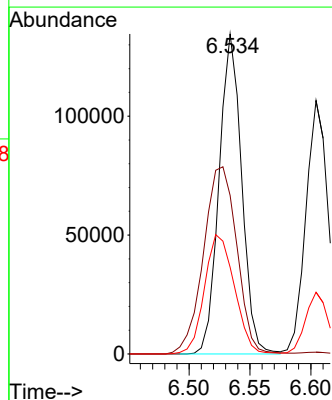
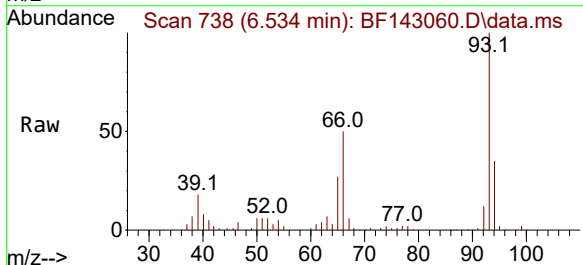
Instrument :
BNA_F
ClientSampleId :
TP-14MS

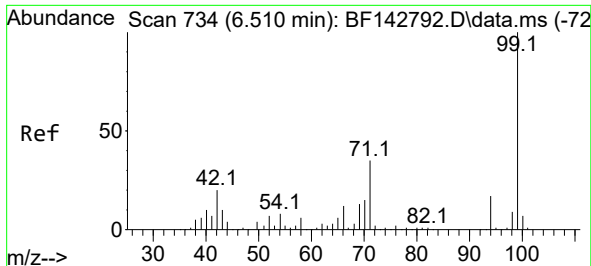
Tgt Ion:112 Resp: 252600
Ion Ratio Lower Upper
112 100
64 55.2 48.2 72.2
63 29.1 25.7 38.5



#6
Aniline
Concen: 35.440 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 93 Resp: 174035
Ion Ratio Lower Upper
93 100
66 49.6 31.8 47.6#
65 27.1 16.2 24.2#

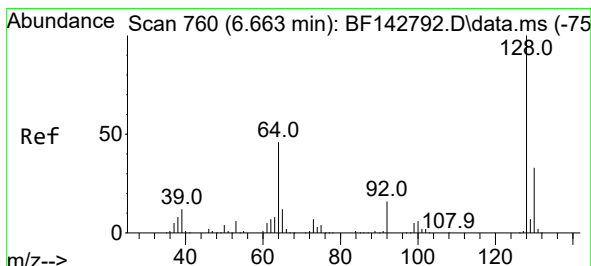
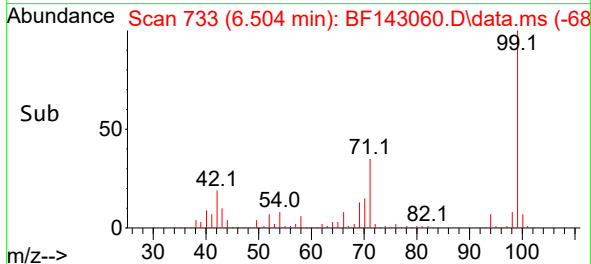
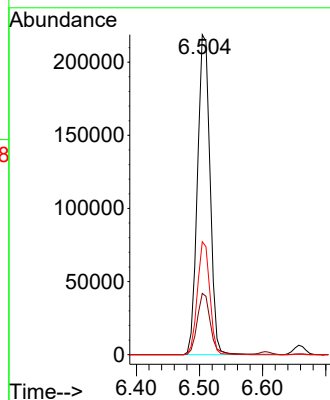
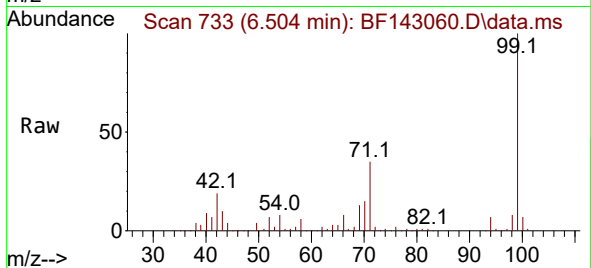




#7
Phenol-d6
Concen: 81.965 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

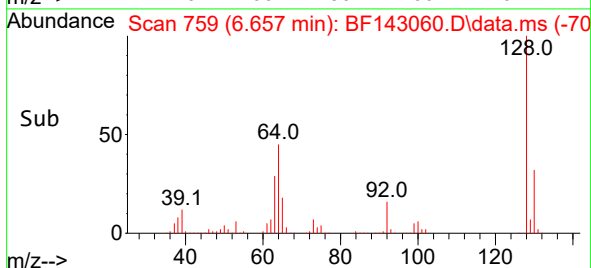
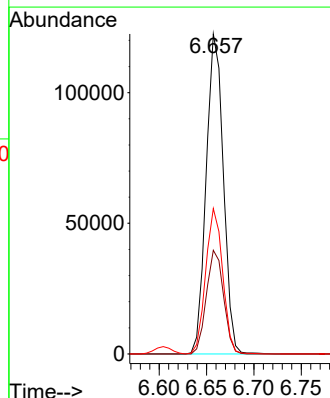
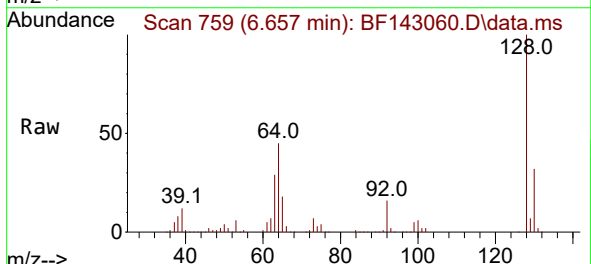
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 99 Resp: 302500
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 35.3 27.8 41.8



#8
2-Chlorophenol
Concen: 45.652 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:128 Resp: 154047
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 45.4 26.5 66.5

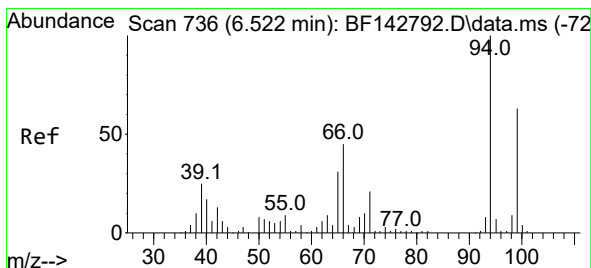
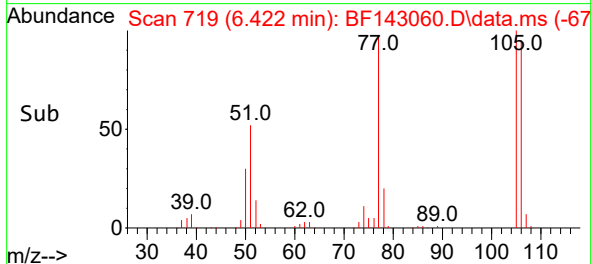
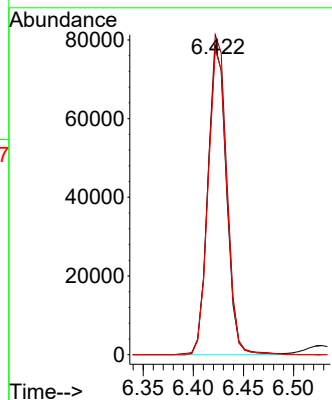
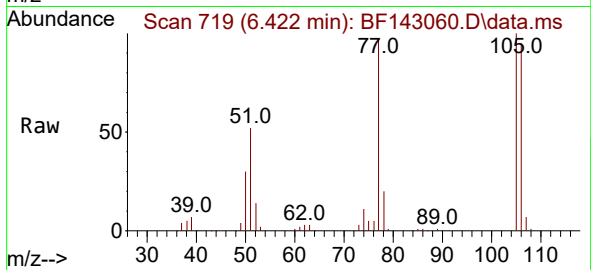




#9
Benzaldehyde
Concen: 45.965 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

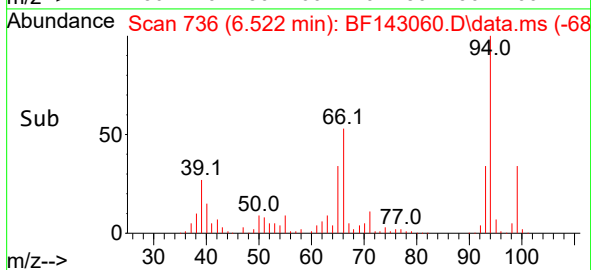
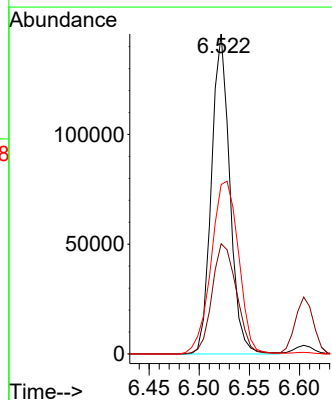
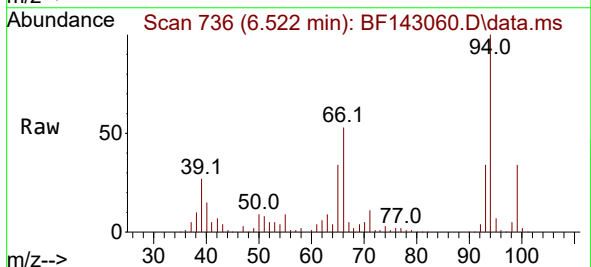
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 77 Resp: 100643
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 98.4 78.7 118.7



#10
Phenol
Concen: 45.335 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 94 Resp: 185979
Ion Ratio Lower Upper
94 100
65 34.4 11.3 51.3
66 53.0 24.9 64.9

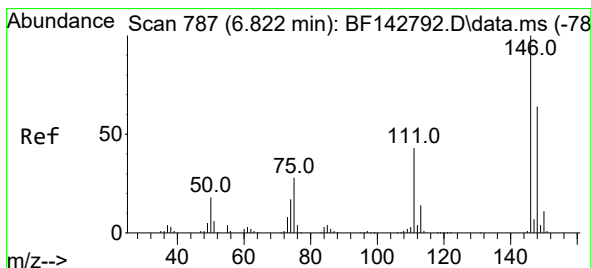
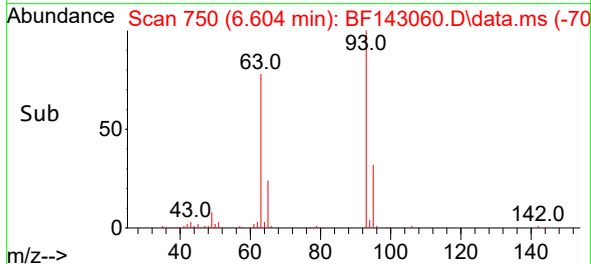
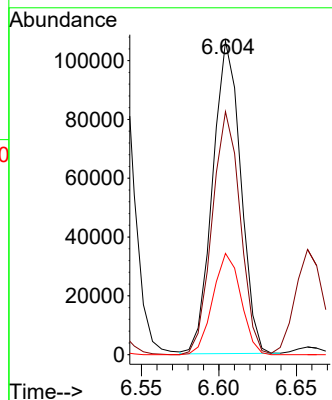
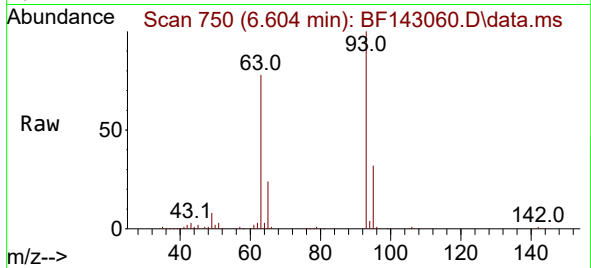




#11
bis(2-Chloroethyl)ether
Concen: 45.614 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

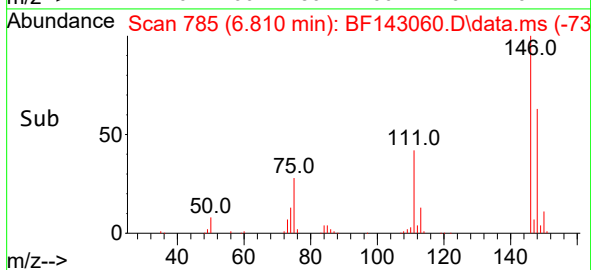
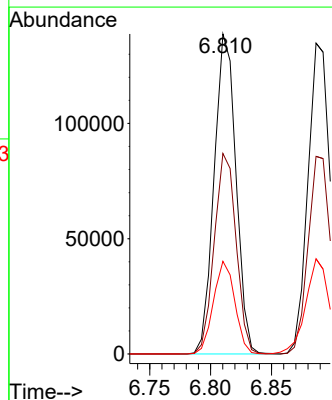
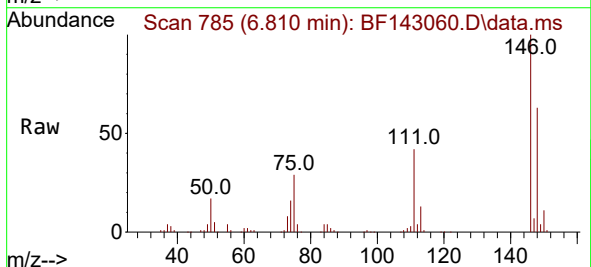
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 93 Resp: 133742
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.850 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:146 Resp: 173030
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
75 29.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 44.958 ng

RT: 6.887 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

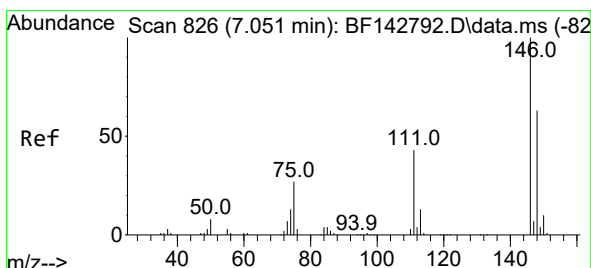
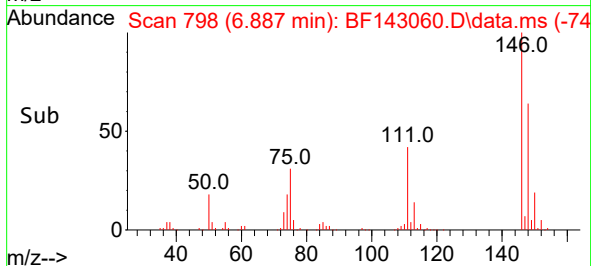
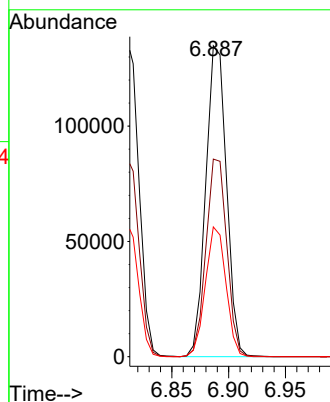
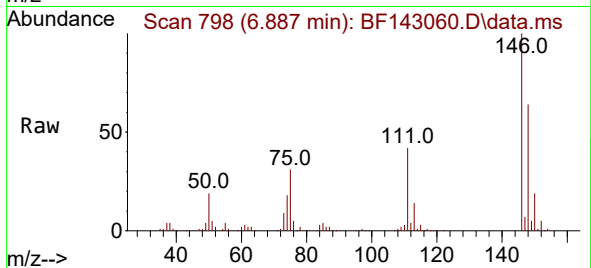
Tgt Ion:146 Resp: 171179

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 41.7 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 45.833 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.012 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

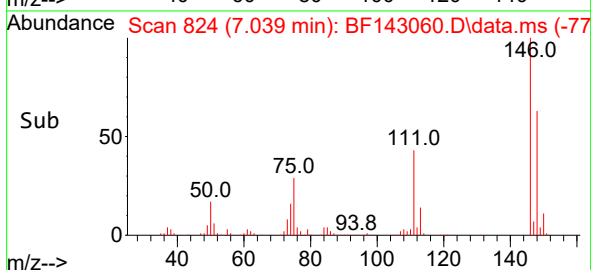
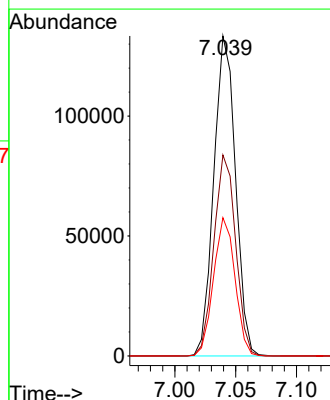
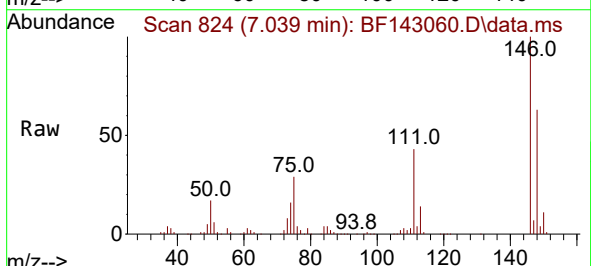
Tgt Ion:146 Resp: 165519

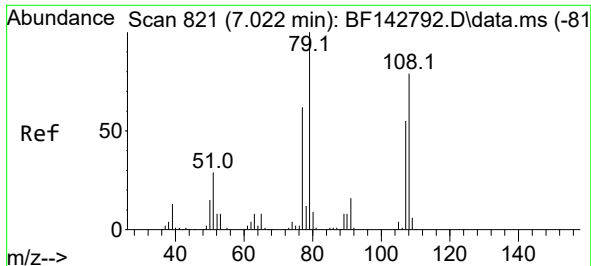
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 43.2 34.1 51.1

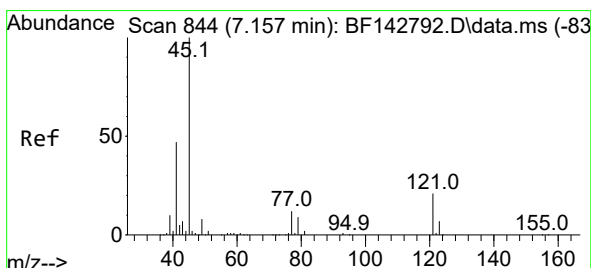
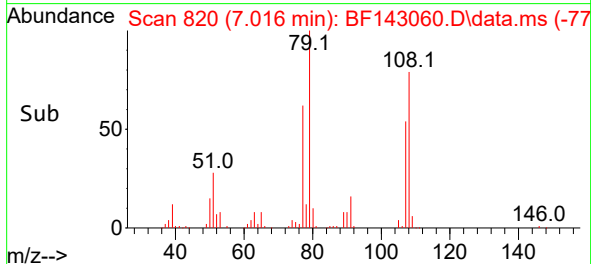
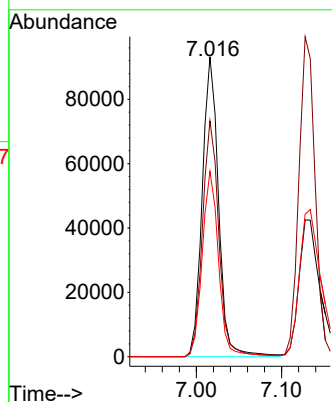
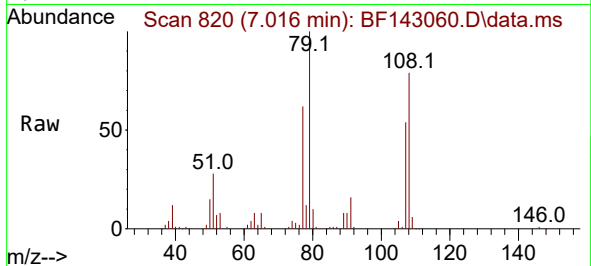




#15
Benzyl Alcohol
Concen: 46.406 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

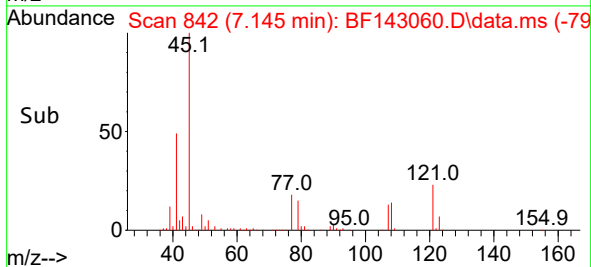
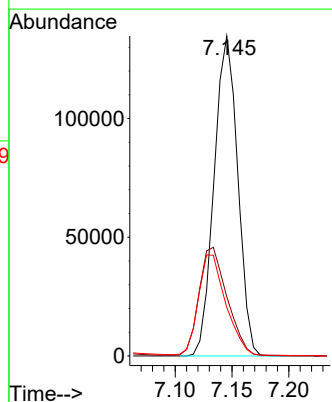
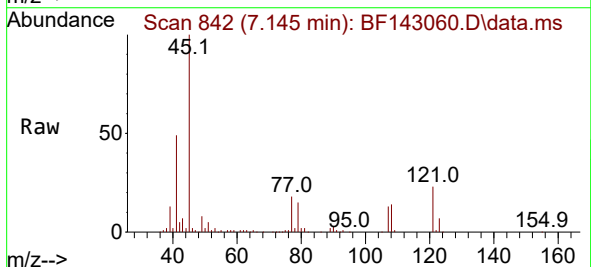
Instrument :
BNA_F
ClientSampleId :
TP-14MS

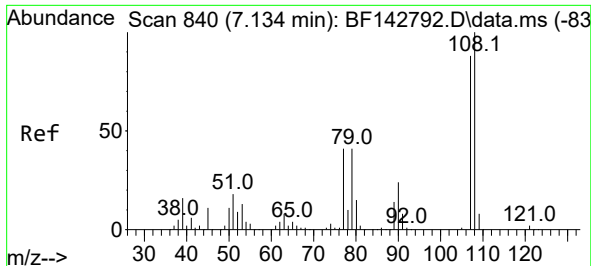
Tgt Ion: 79 Resp: 123812
Ion Ratio Lower Upper
79 100
108 78.7 63.4 95.0
77 61.8 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.290 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 45 Resp: 194506
Ion Ratio Lower Upper
45 100
77 18.5 0.0 32.8
79 15.2 0.0 29.8

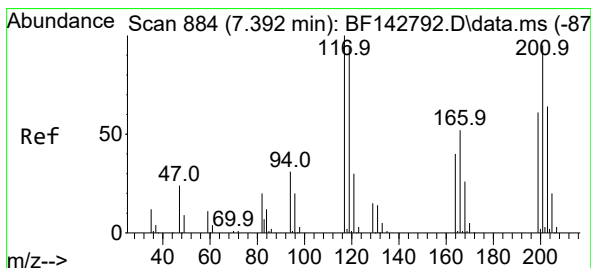
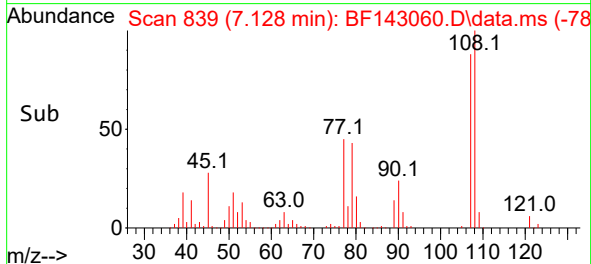
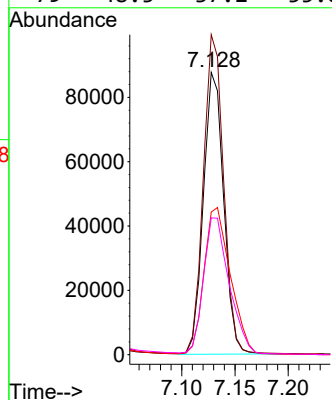
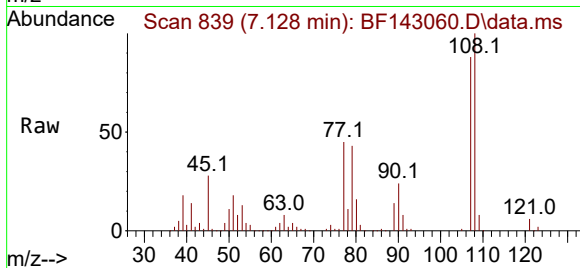




#17
2-Methylphenol
Concen: 45.422 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

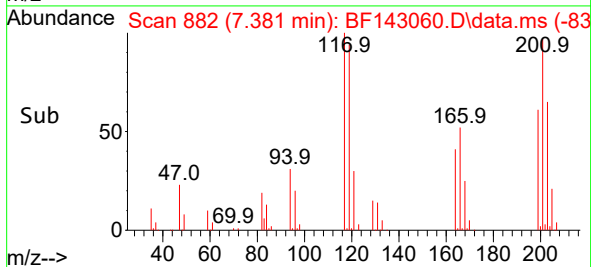
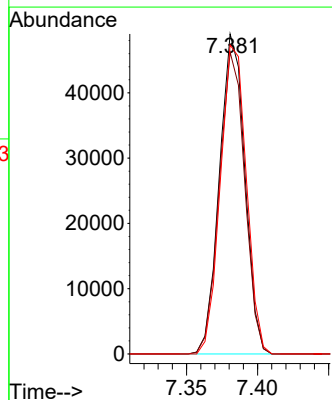
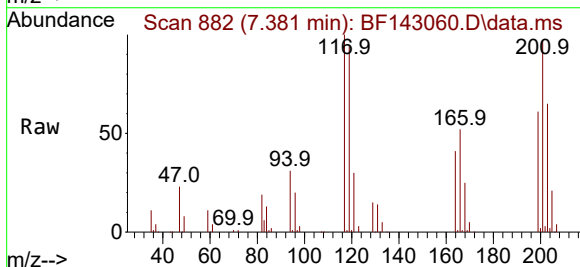
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:107 Resp: 116151
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 50.5 37.3 55.9
79 48.5 37.2 55.8



#18
Hexachloroethane
Concen: 45.738 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:117 Resp: 60912
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
201 96.5 75.9 113.9



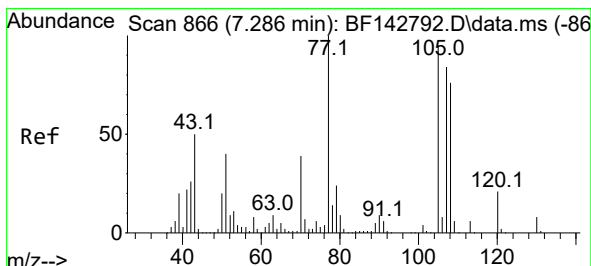
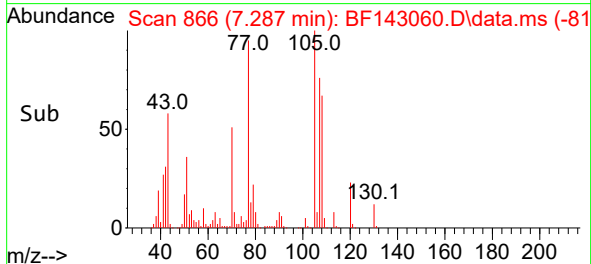
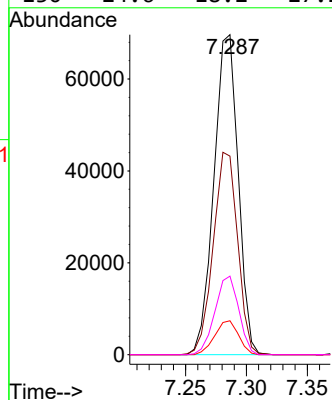
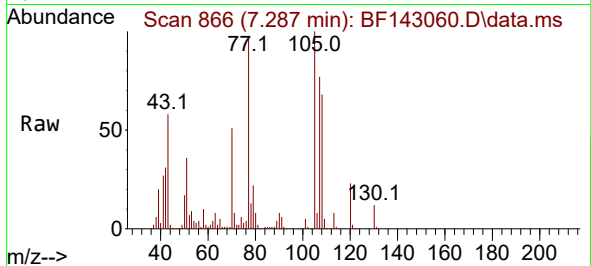


#19
n-Nitroso-di-n-propylamine
Concen: 44.998 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 70 Resp: 96586

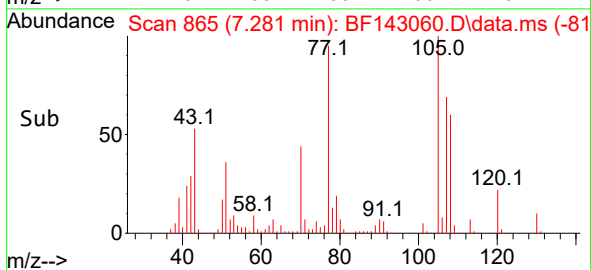
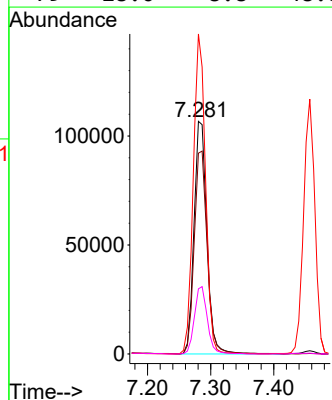
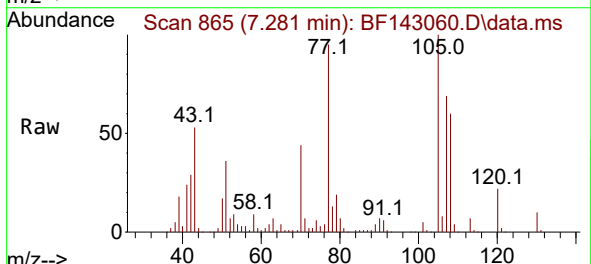
Ion	Ratio	Lower	Upper
70	100		
42	62.1	52.1	78.1
101	10.6	8.2	12.2
130	24.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 47.431 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 107 Resp: 151225

Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.0	110.0
77	137.6	98.5	138.5
79	28.0	8.8	48.8

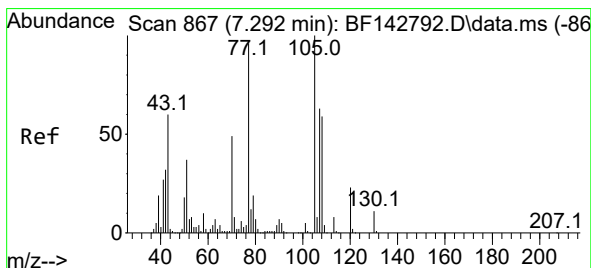
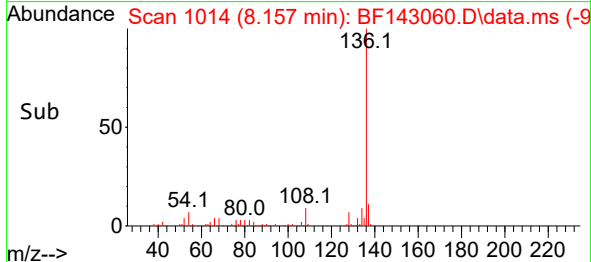
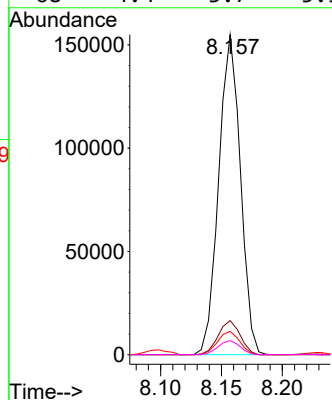
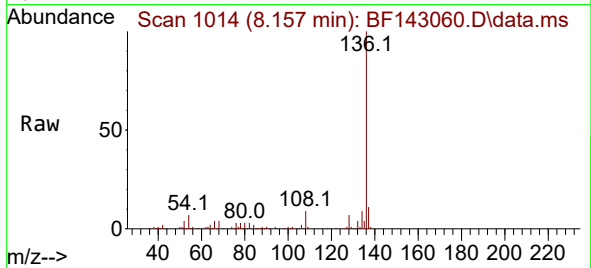




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

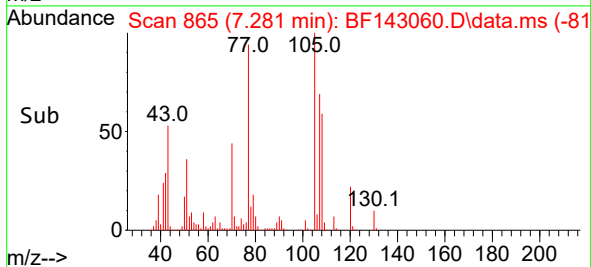
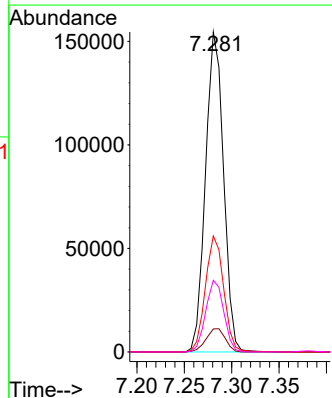
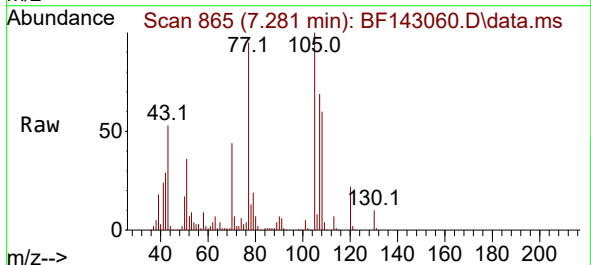
Instrument :
BNA_F
ClientSampleId :
TP-14MS

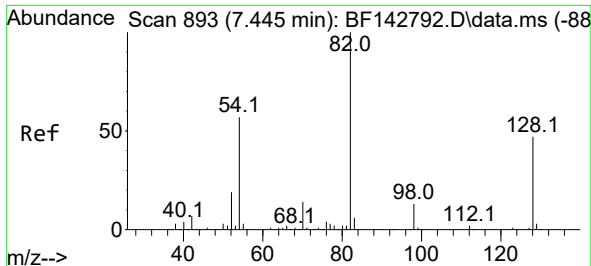
Tgt Ion	136	Resp: Lower	191892 Upper
136	100		
137	10.7	8.4	12.6
54	7.3	6.3	9.5
68	4.4	3.7	5.5



#22
Acetophenone
Concen: 48.271 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt	Ion:105	Resp:	204260
Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.5	9.7
51	36.3	29.8	44.8
120	22.4	18.2	27.2





#23

Nitrobenzene-d5

Concen: 52.104 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

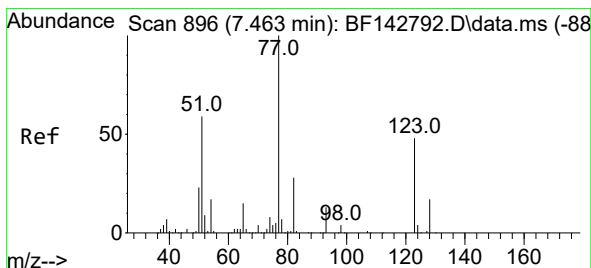
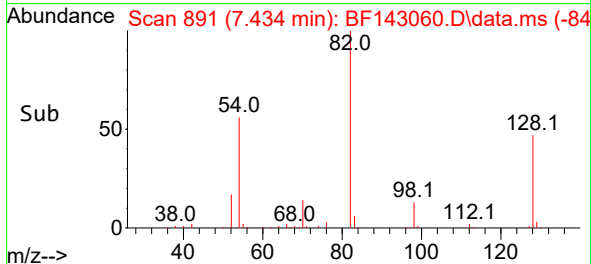
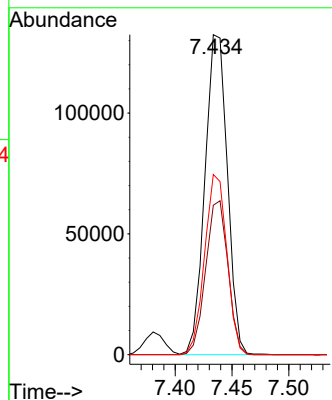
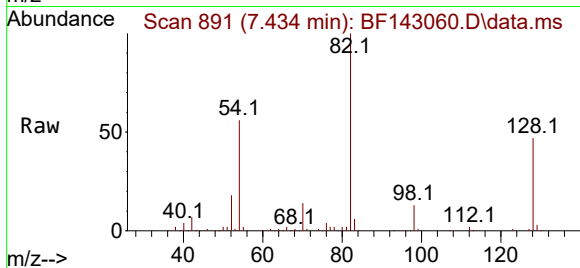
Tgt Ion: 82 Resp: 182282

Ion Ratio Lower Upper

82 100

128 46.7 37.7 56.5

54 56.3 45.7 68.5



#24

Nitrobenzene

Concen: 45.971 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

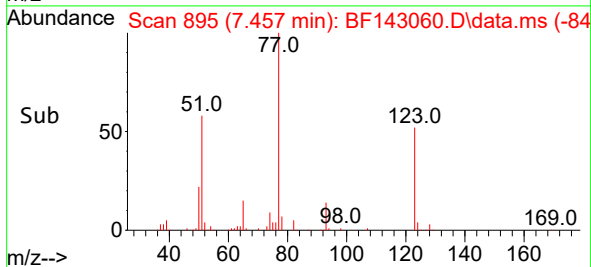
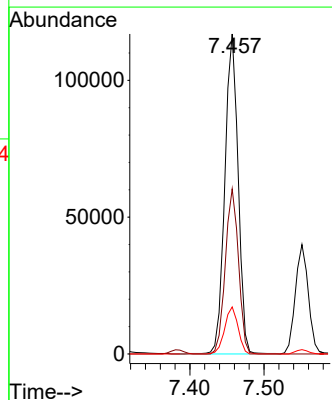
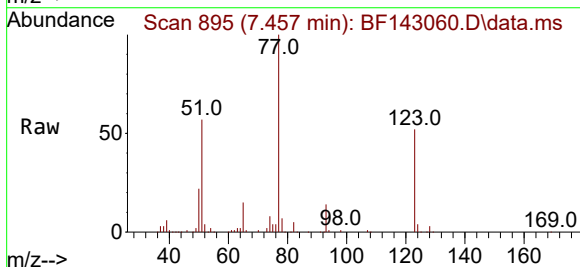
Tgt Ion: 77 Resp: 145564

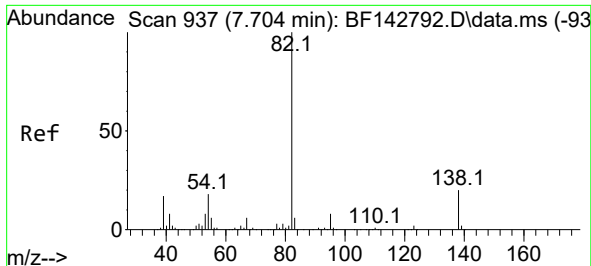
Ion Ratio Lower Upper

77 100

123 51.6 39.2 58.8

65 14.7 11.6 17.4

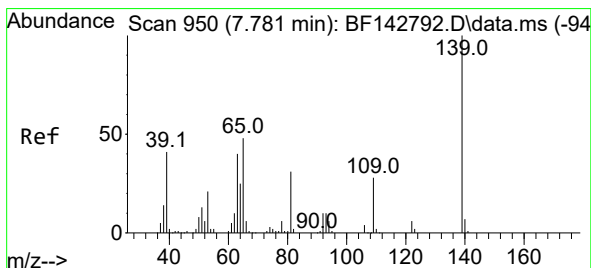
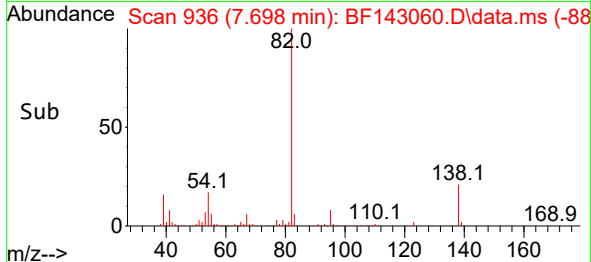
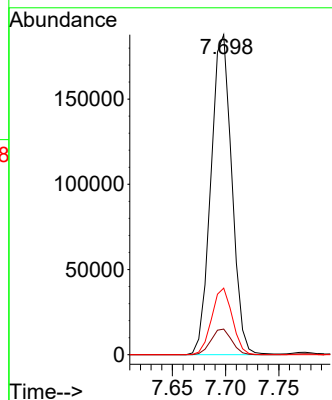
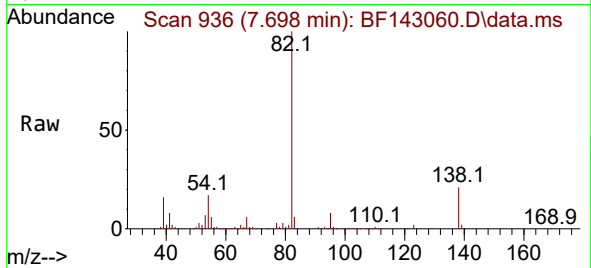




#25
Isophorone
Concen: 45.681 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

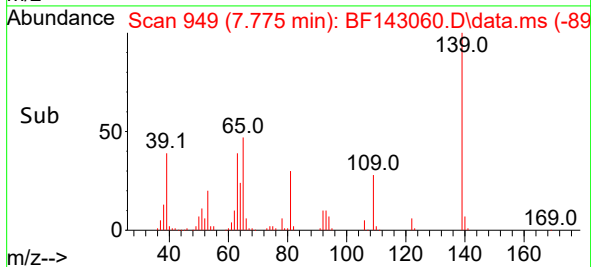
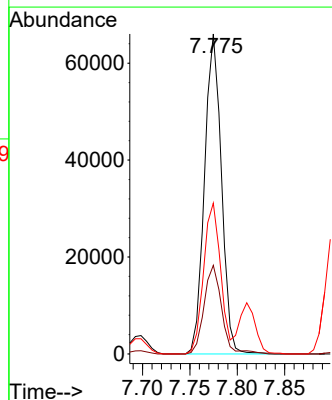
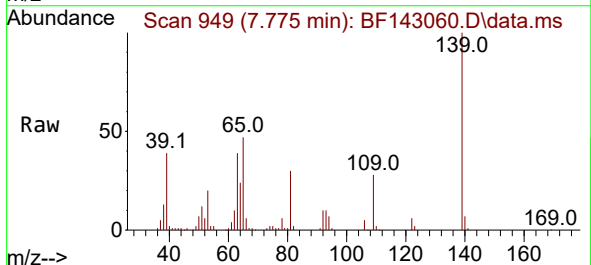
Instrument :
BNA_F
ClientSampleId :
TP-14MS

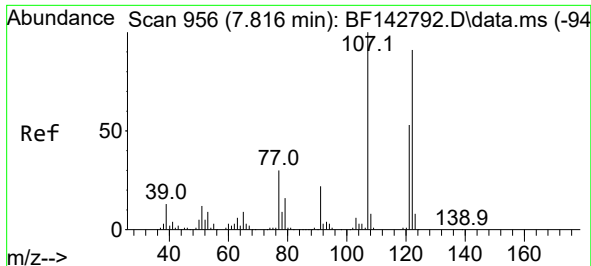
Tgt Ion: 82 Resp: 256365
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.8 16.2 24.4



#26
2-Nitrophenol
Concen: 47.554 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:139 Resp: 82025
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 47.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 45.773 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

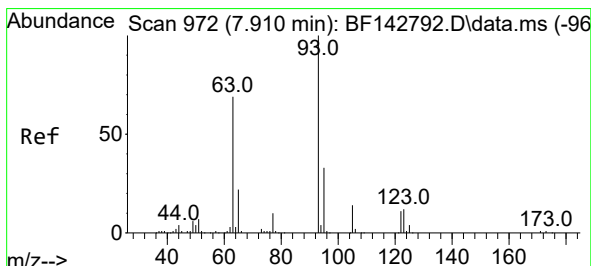
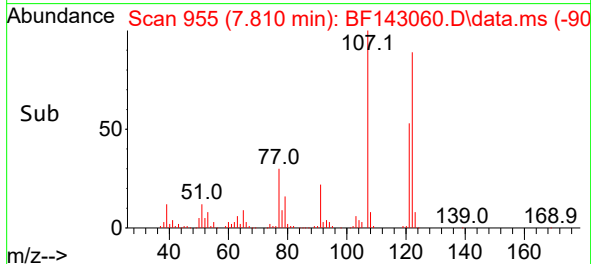
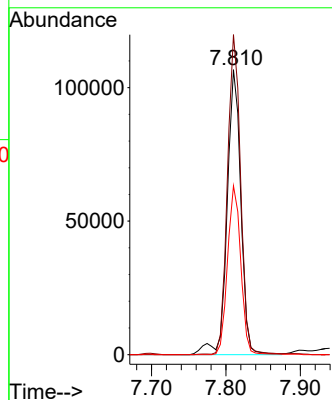
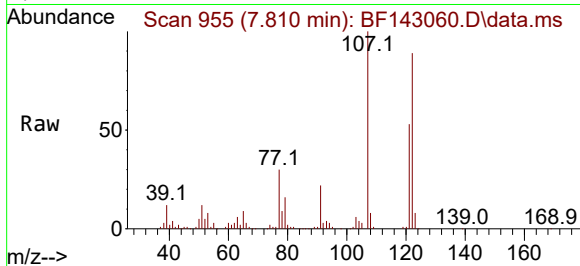
Tgt Ion:122 Resp: 136760

Ion Ratio Lower Upper

122 100

107 112.3 88.0 132.0

121 59.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.959 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

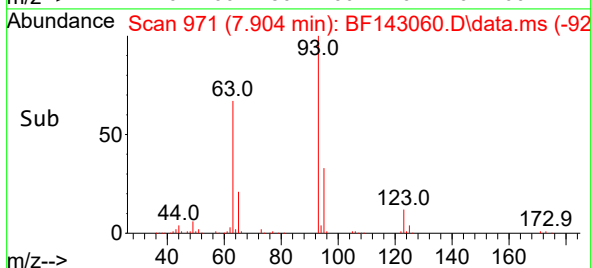
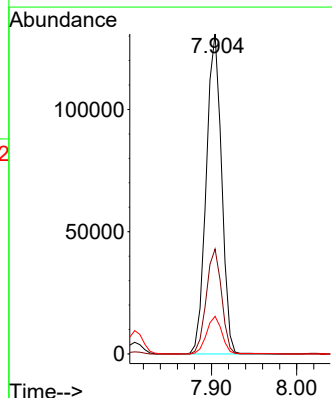
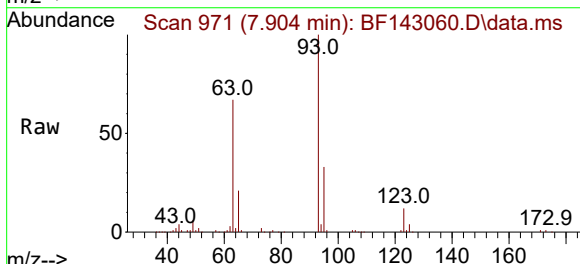
Tgt Ion: 93 Resp: 163975

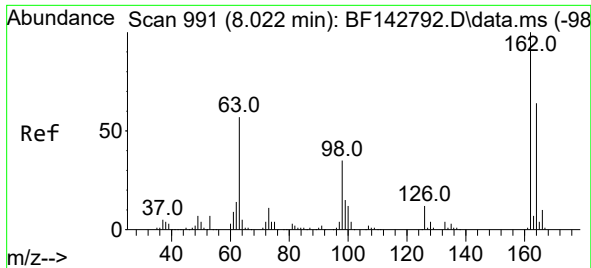
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.8 9.9 14.9

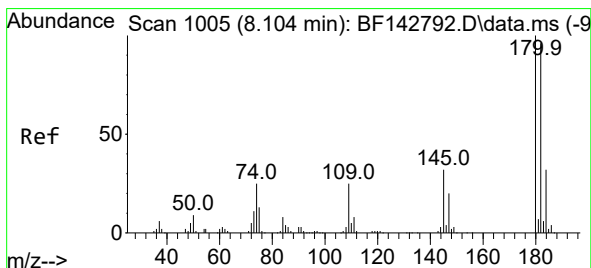
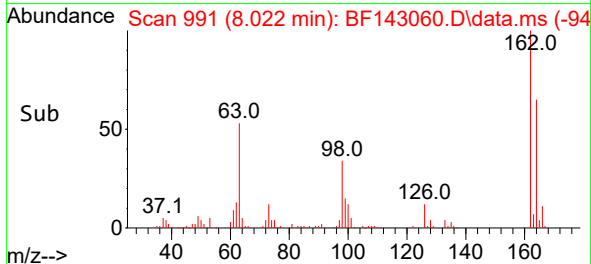
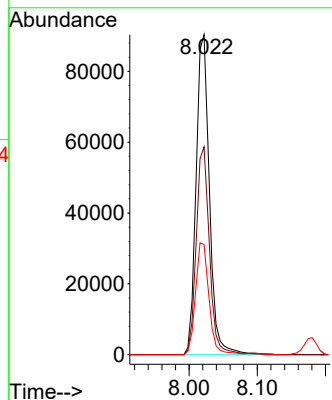
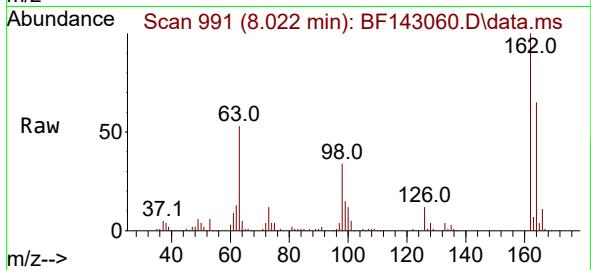




#29
2,4-Dichlorophenol
Concen: 45.461 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

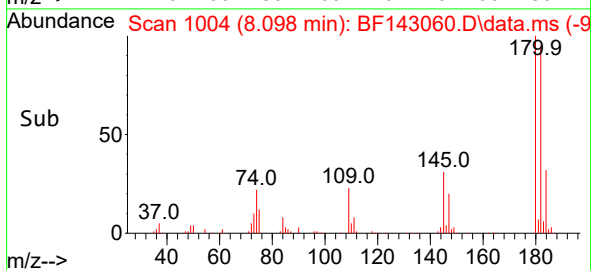
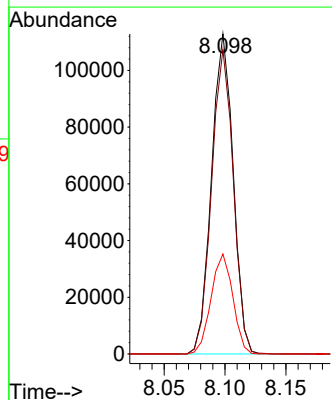
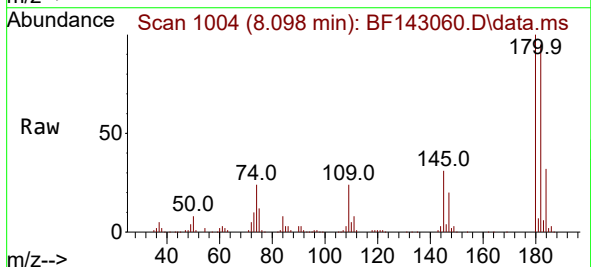
Instrument :
BNA_F
ClientSampleId :
TP-14MS

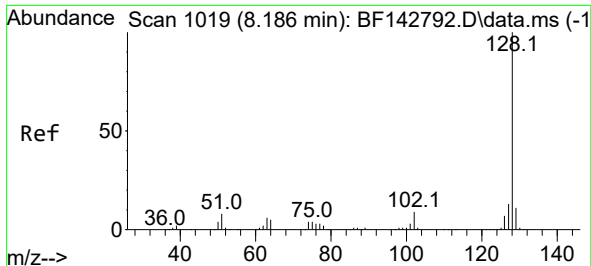
Tgt Ion:162 Resp: 123158
Ion Ratio Lower Upper
162 100
164 65.0 44.0 84.0
98 34.5 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 46.850 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:180 Resp: 139564
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 31.3 25.8 38.8

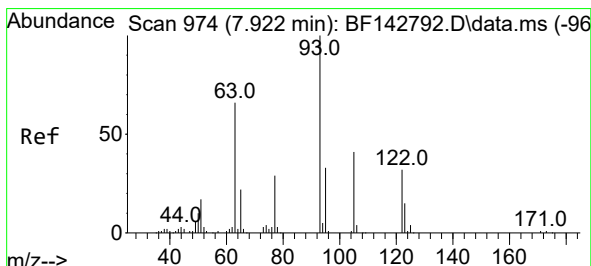
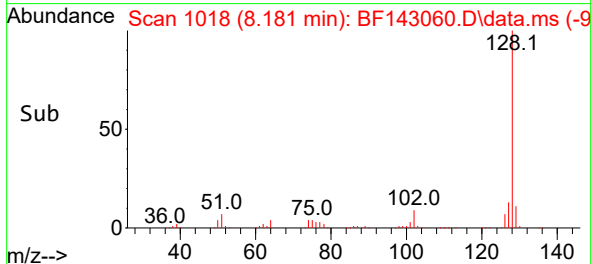
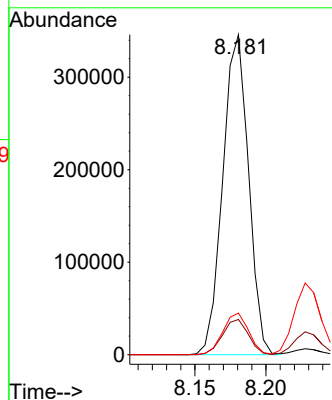
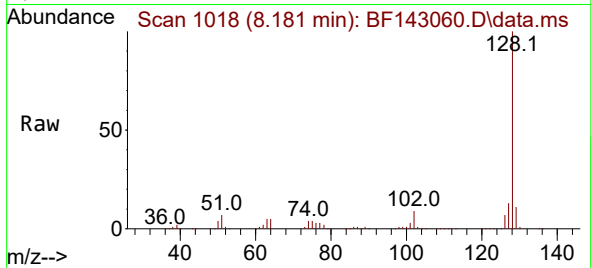




#31
Naphthalene
Concen: 46.466 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

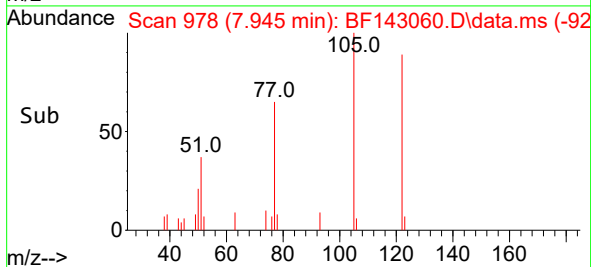
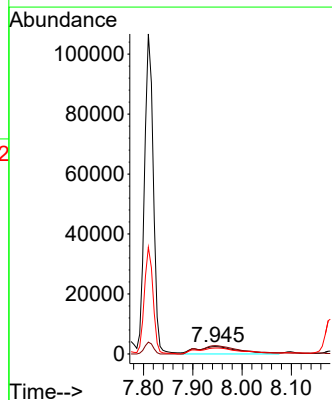
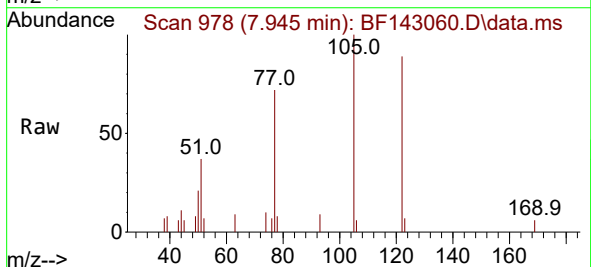
Instrument :
BNA_F
ClientSampleId :
TP-14MS

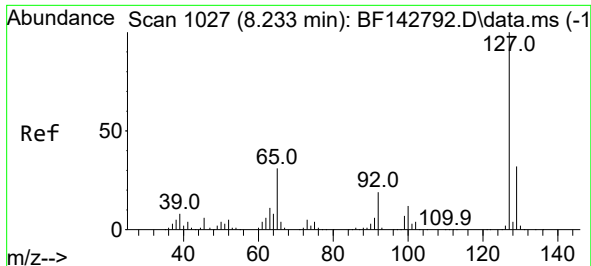
Tgt Ion:128 Resp: 436443
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 9.782 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:122 Resp: 14897
Ion Ratio Lower Upper
122 100
105 112.6 104.7 144.7
77 81.2 70.2 110.2





#33

4-Chloroaniline

Concen: 27.062 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

Tgt Ion:127 Resp: 103359

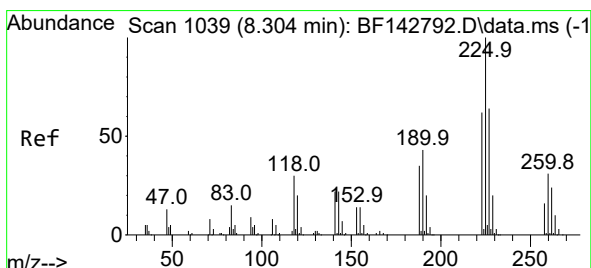
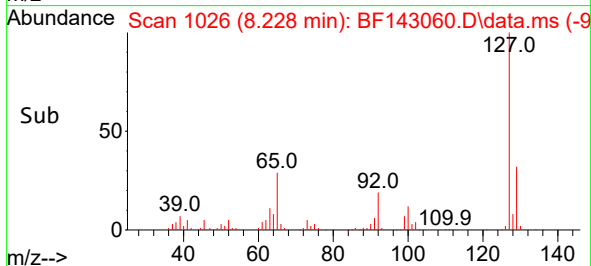
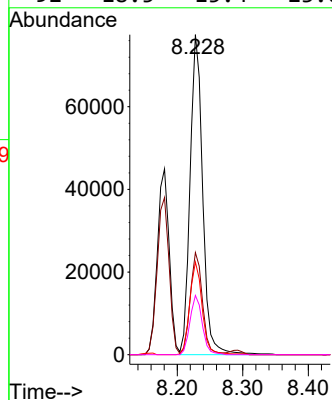
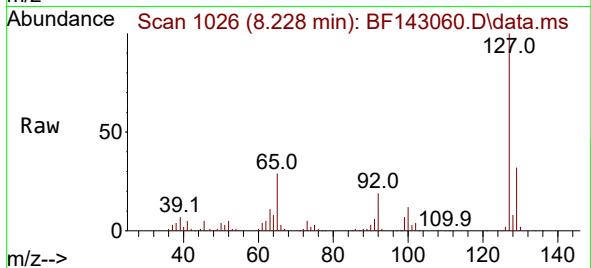
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 29.0 24.6 36.8

92 18.5 15.4 23.0



#34

Hexachlorobutadiene

Concen: 46.640 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

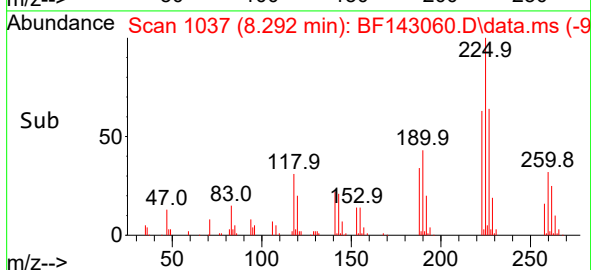
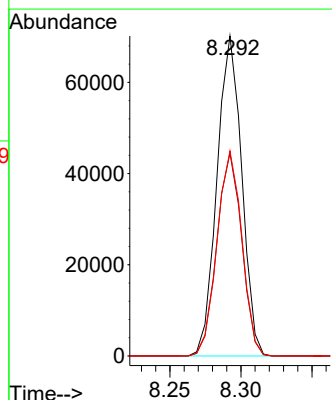
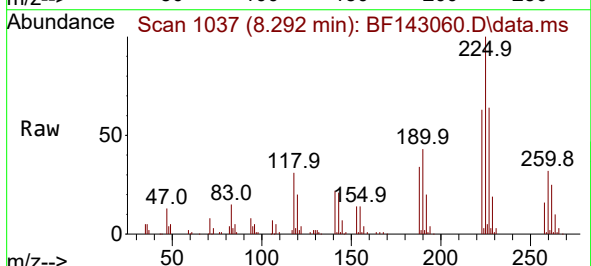
Tgt Ion:225 Resp: 84985

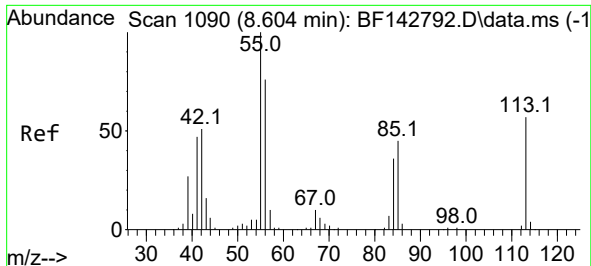
Ion Ratio Lower Upper

225 100

223 63.4 49.9 74.9

227 64.1 51.4 77.0

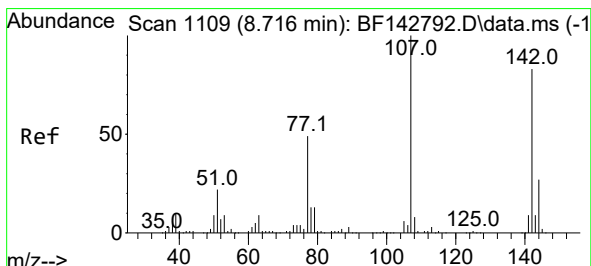
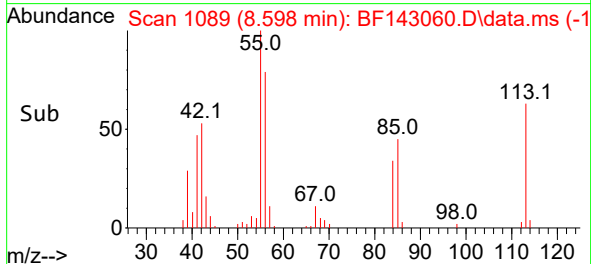
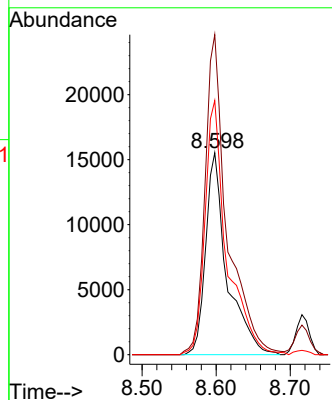
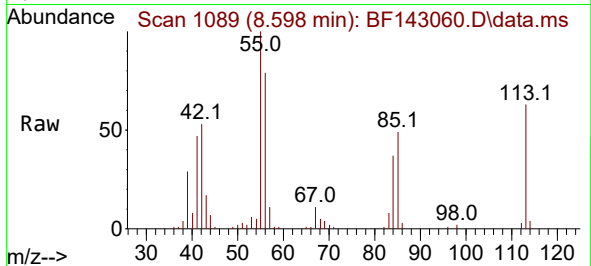




#35
Caprolactam
Concen: 43.444 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

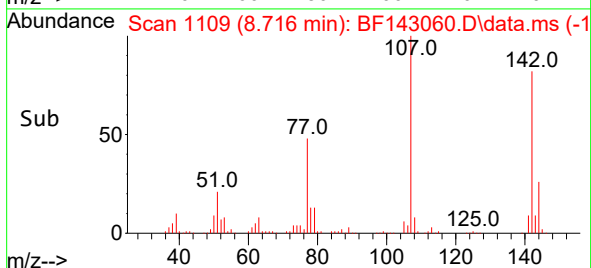
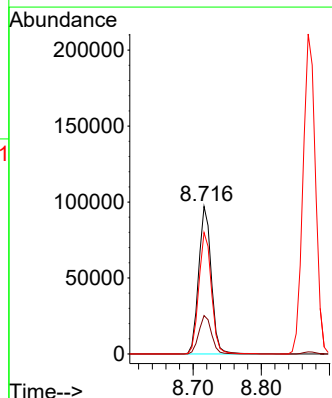
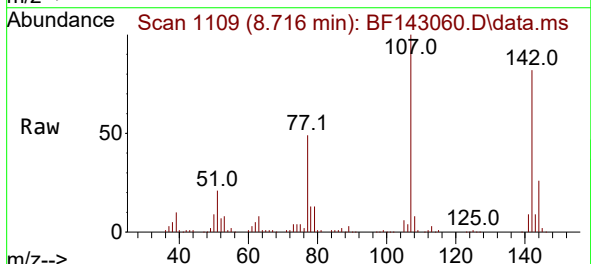
Instrument :
BNA_F
ClientSampleId :
TP-14MS

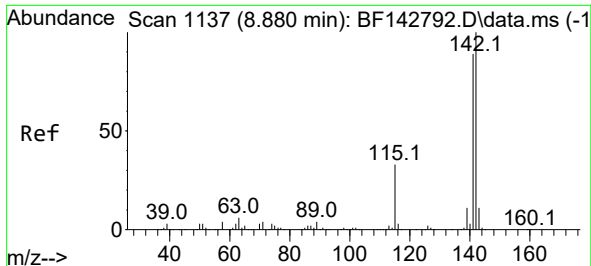
Tgt Ion:113 Resp: 31057
Ion Ratio Lower Upper
113 100
55 158.5 154.4 194.4
56 125.9 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 46.223 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:107 Resp: 124451
Ion Ratio Lower Upper
107 100
144 26.1 21.3 31.9
142 82.3 66.6 100.0

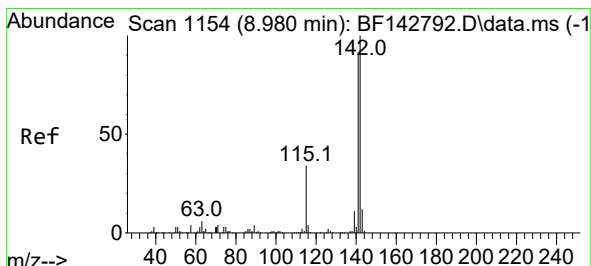
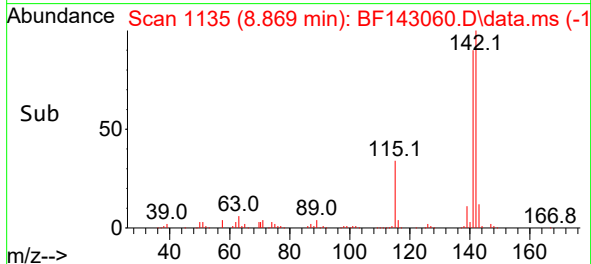
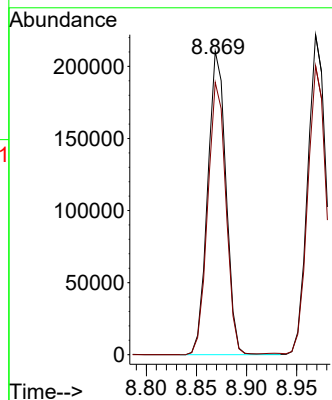
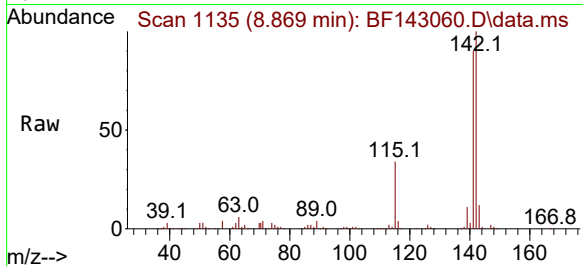




#37
2-Methylnaphthalene
Concen: 45.855 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

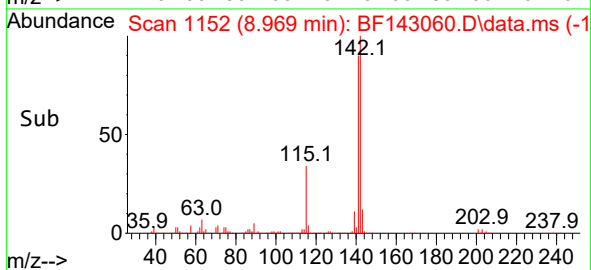
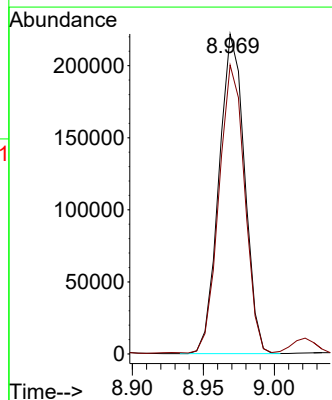
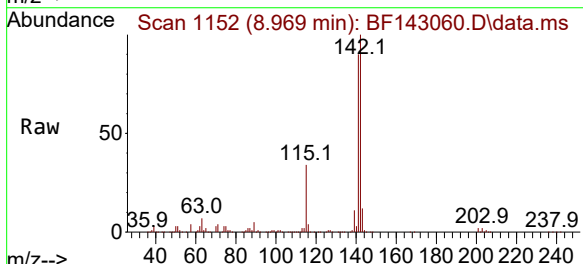
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:142 Resp: 267024
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 46.147 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:142 Resp: 278180
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

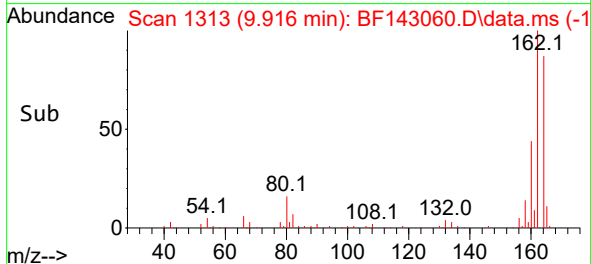
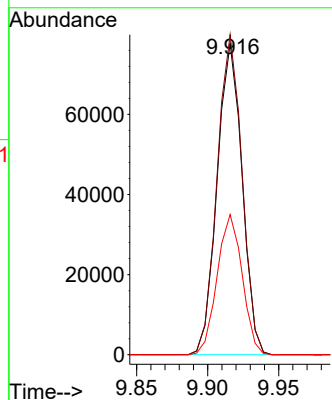
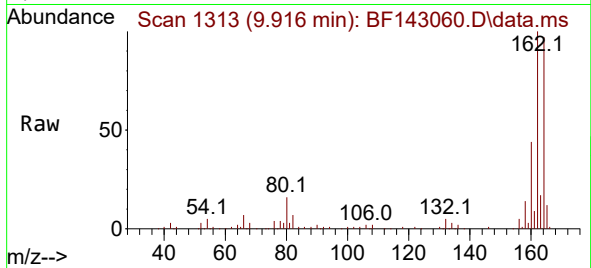




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

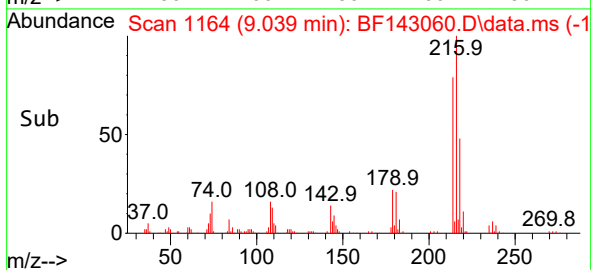
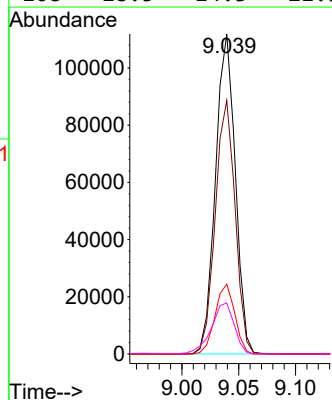
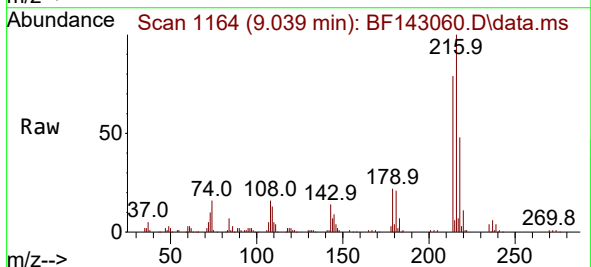
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:164 Resp: 94721
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.8
160 45.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.556 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

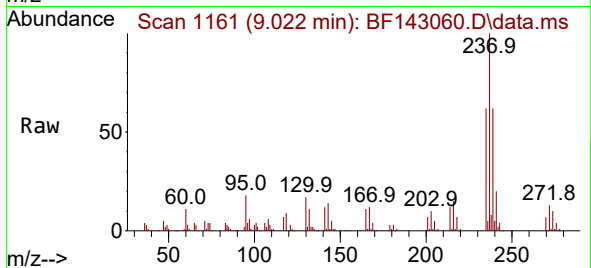
Tgt Ion:216 Resp: 135710
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.7 17.6 26.4
108 18.5 14.3 21.5



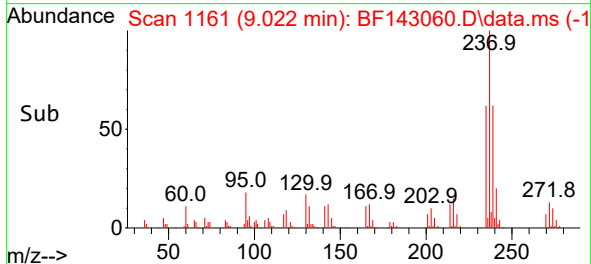
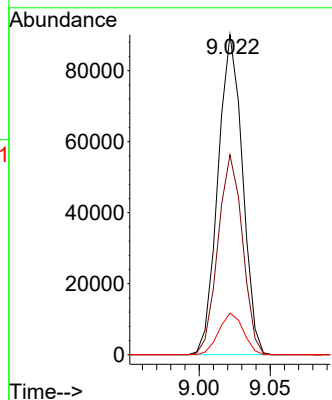


#41
Hexachlorocyclopentadiene
Concen: 68.160 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

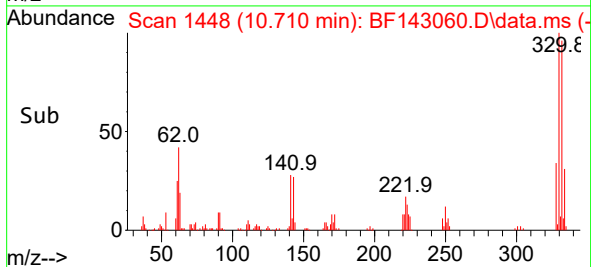
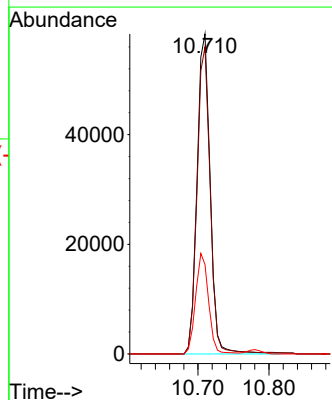
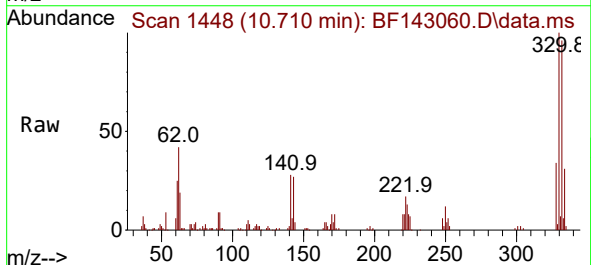


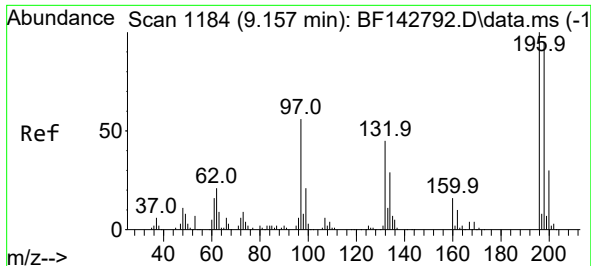
Tgt Ion:237 Resp: 108106
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 13.0 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 77.303 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:330 Resp: 75351
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.6
141 30.9 25.3 37.9

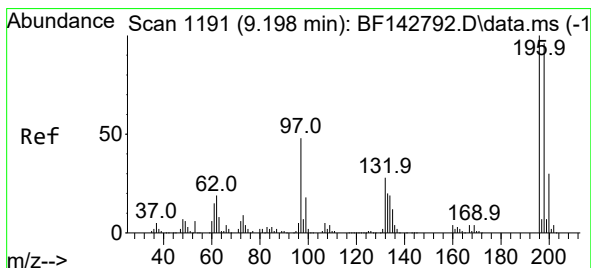
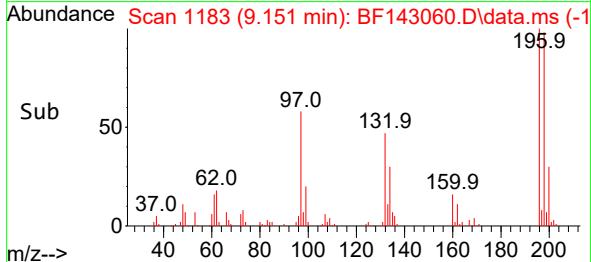
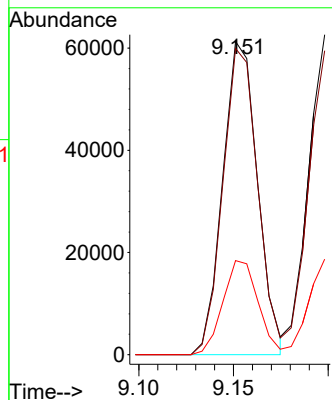
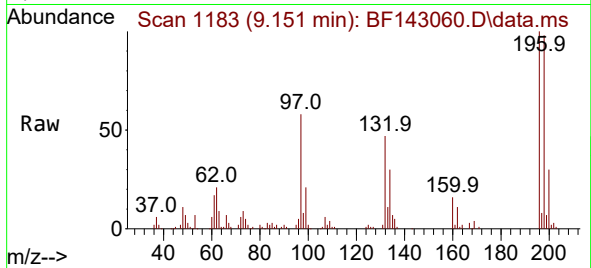




#43
2,4,6-Trichlorophenol
Concen: 42.932 ng
RT: 9.151 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

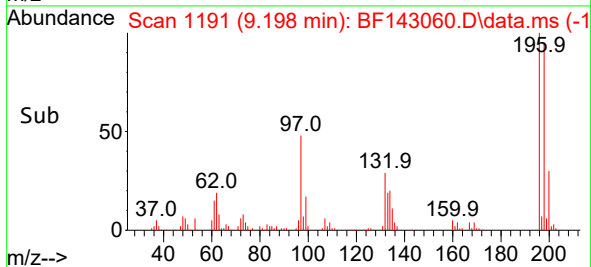
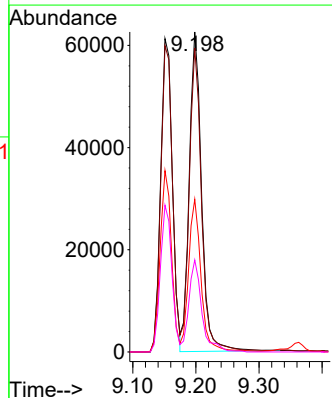
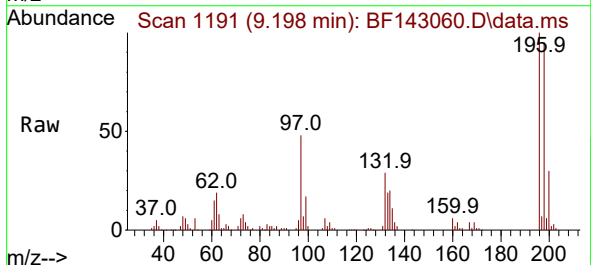
Instrument :
BNA_F
ClientSampleId :
TP-14MS

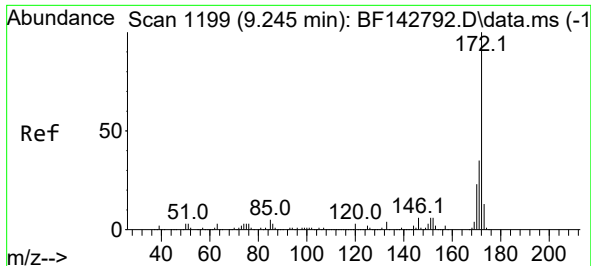
Tgt Ion:196 Resp: 78190
Ion Ratio Lower Upper
196 100
198 97.8 76.2 114.2
200 30.0 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.287 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:196 Resp: 84906
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 47.7 38.2 57.2
132 28.7 23.4 35.0

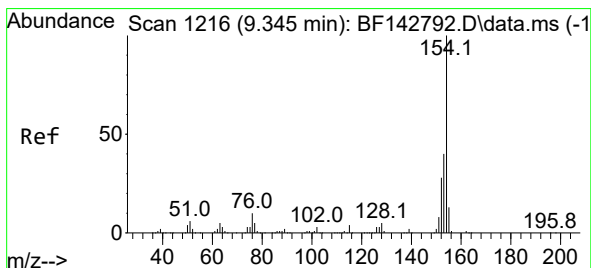
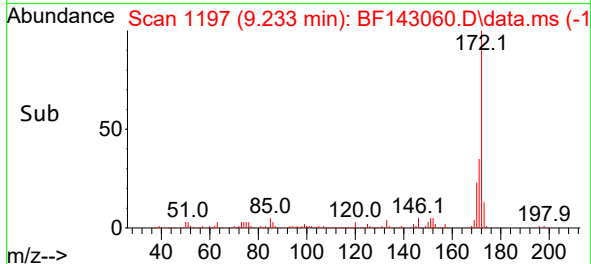
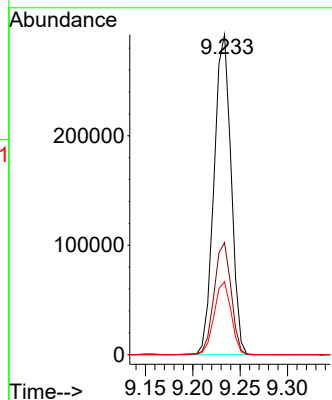
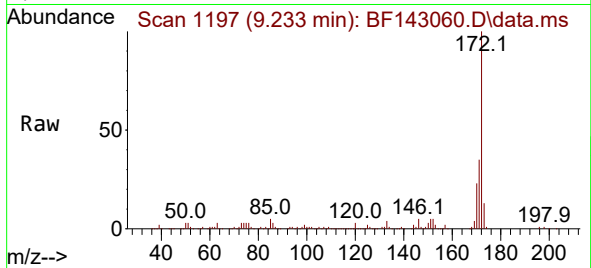




#45
2-Fluorobiphenyl
Concen: 50.628 ng
RT: 9.233 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

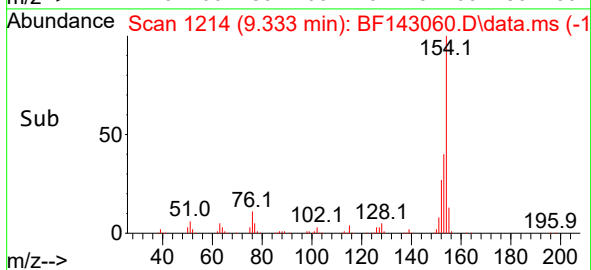
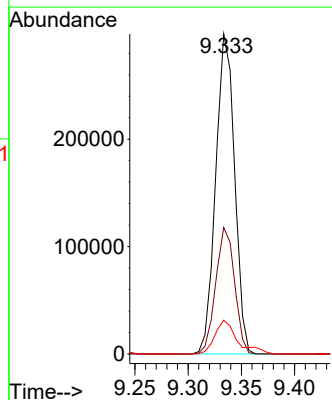
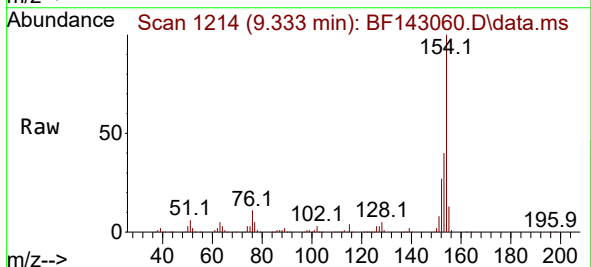
Instrument :
BNA_F
ClientSampleId :
TP-14MS

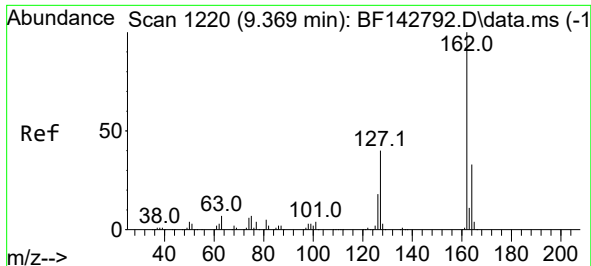
Tgt Ion:172 Resp: 365046
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.975 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:154 Resp: 366451
Ion Ratio Lower Upper
154 100
153 39.5 20.3 60.3
76 10.6 0.0 30.3

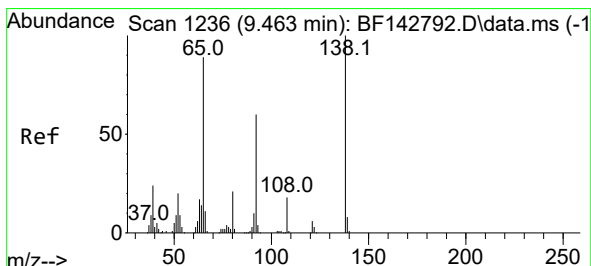
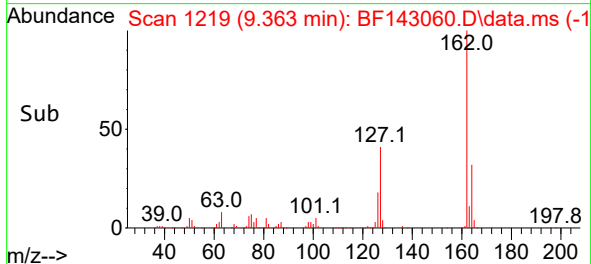
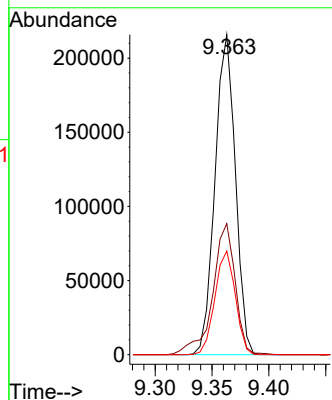
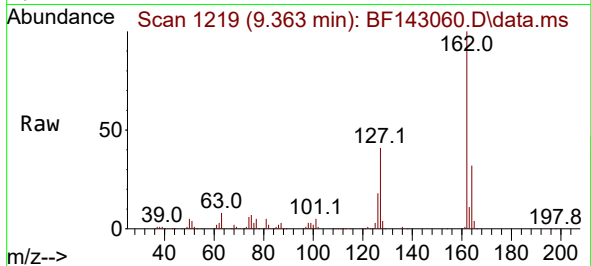




#47
2-Chloronaphthalene
Concen: 47.915 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

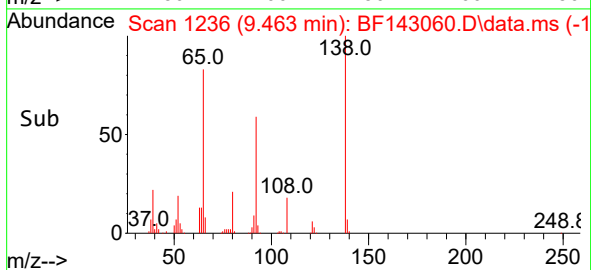
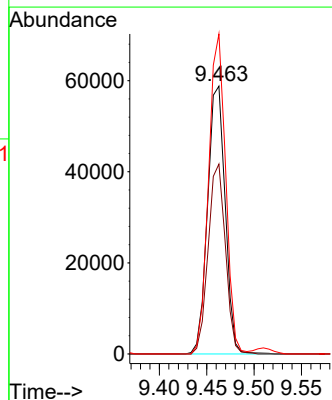
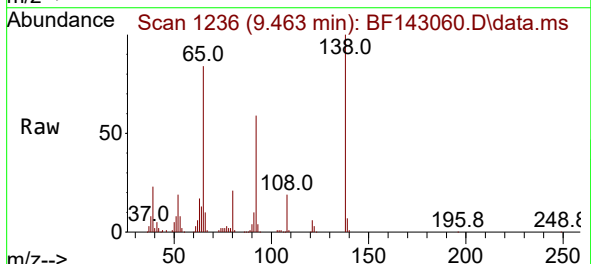
Instrument :
BNA_F
ClientSampleId :
TP-14MS

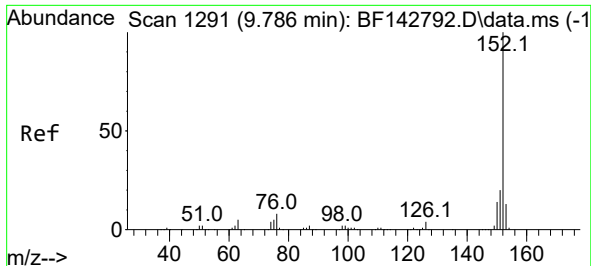
Tgt Ion:162 Resp: 269042
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.2
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 48.261 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 65 Resp: 75973
Ion Ratio Lower Upper
65 100
92 70.9 53.8 80.6
138 119.5 89.6 134.4





#49

Acenaphthylene

Concen: 48.189 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

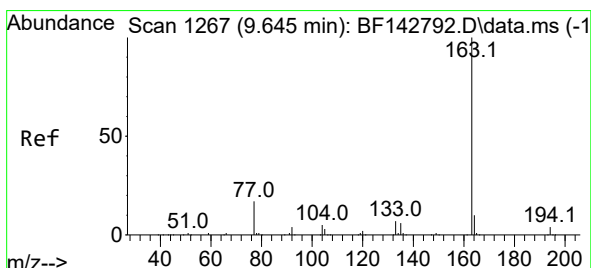
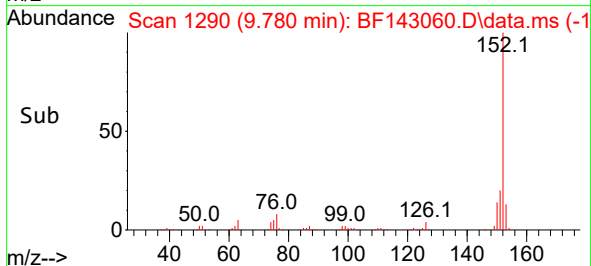
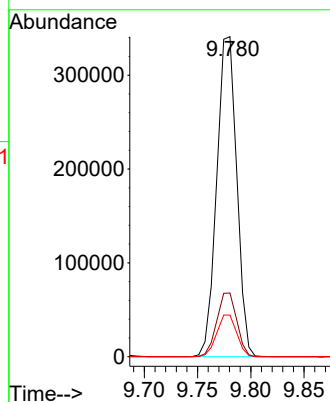
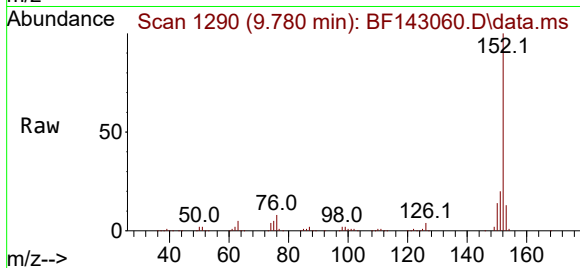
Tgt Ion:152 Resp: 445436

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 48.871 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

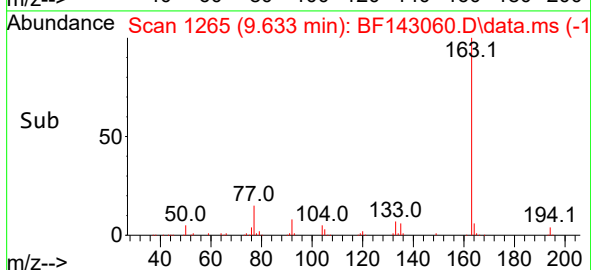
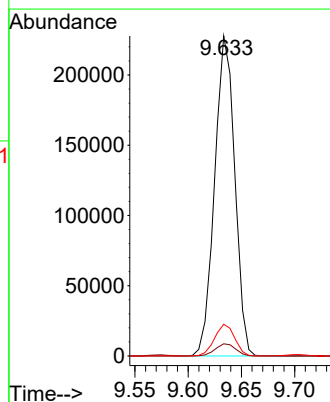
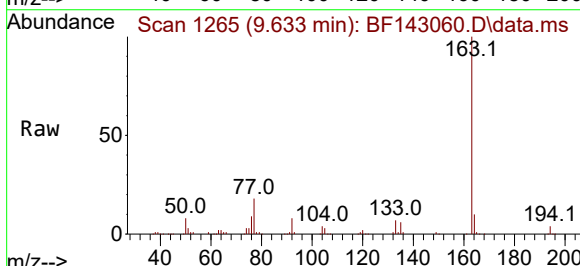
Tgt Ion:163 Resp: 299646

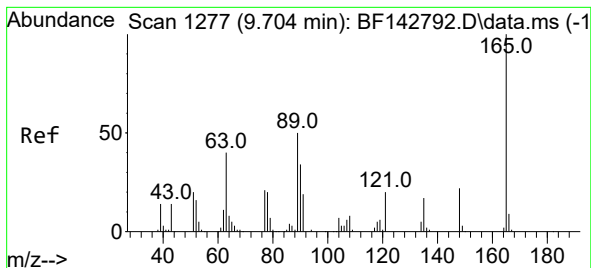
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 48.656 ng

RT: 9.704 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

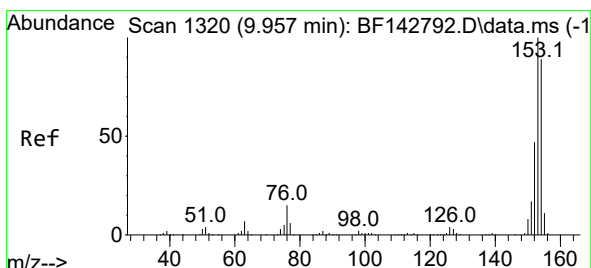
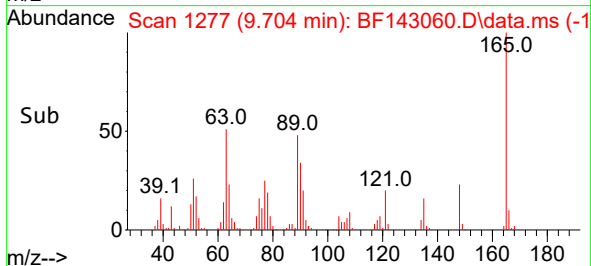
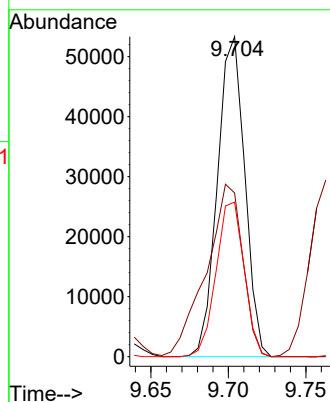
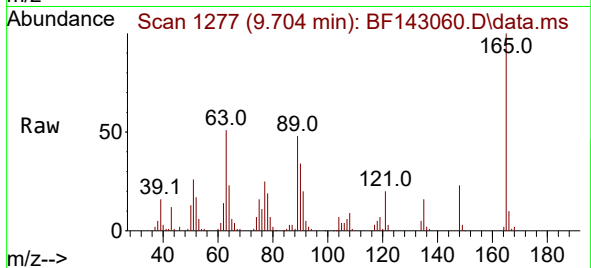
Tgt Ion:165 Resp: 65515

Ion Ratio Lower Upper

165 100

63 51.1 44.2 66.4

89 48.3 39.8 59.8



#52

Acenaphthene

Concen: 46.653 ng m

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

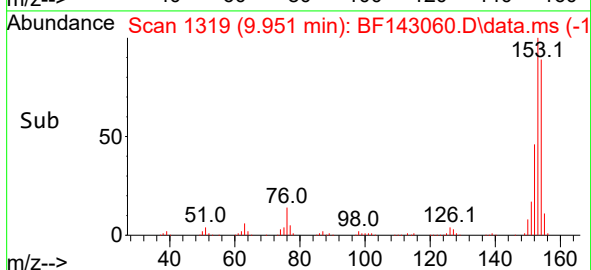
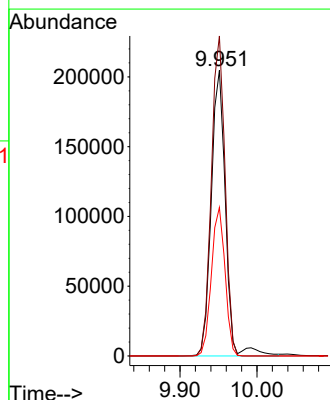
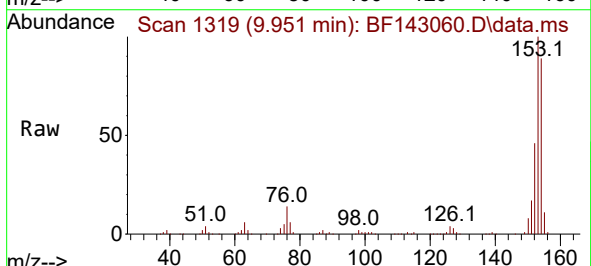
Tgt Ion:154 Resp: 263110

Ion Ratio Lower Upper

154 100

153 112.1 90.0 135.0

152 52.0 41.9 62.9

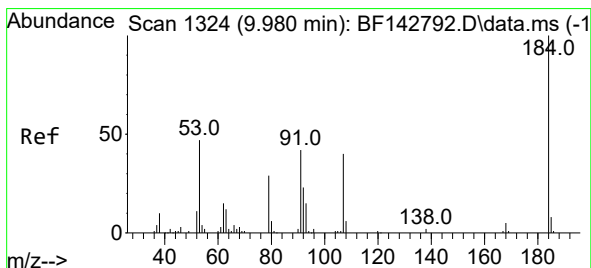
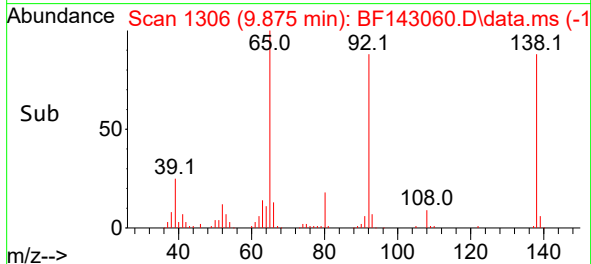
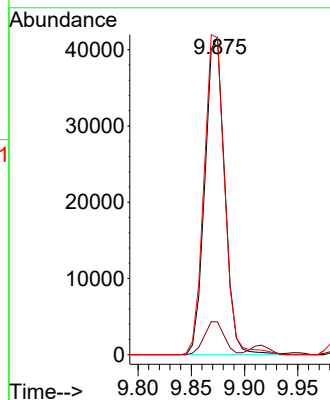
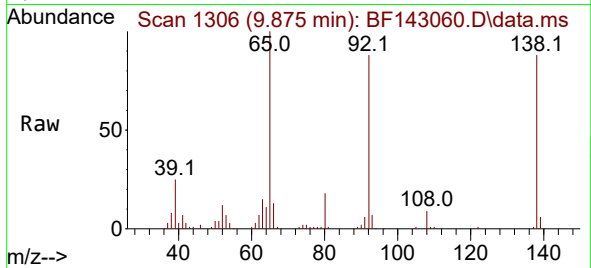




#53
3-Nitroaniline
Concen: 36.438 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

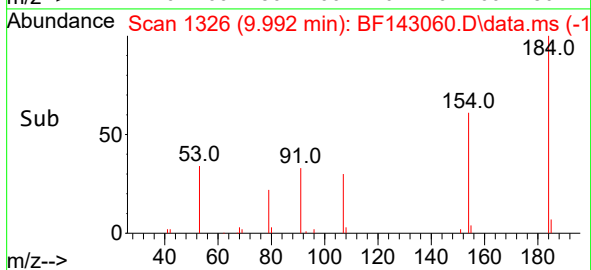
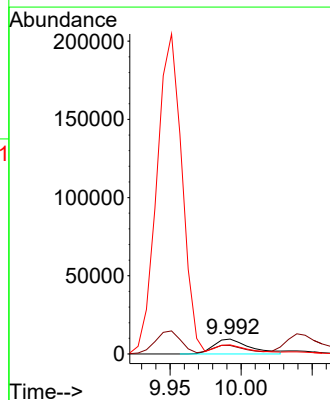
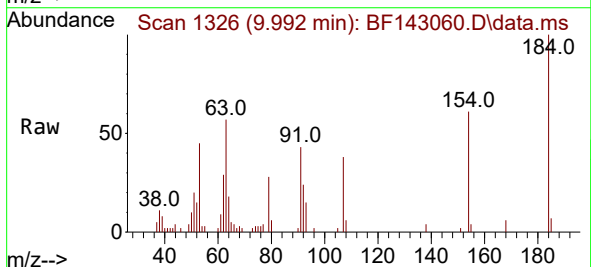
Instrument :
BNA_F
ClientSampleId :
TP-14MS

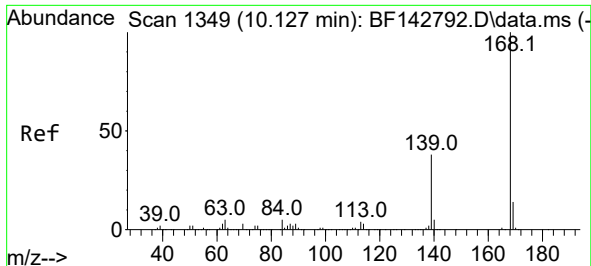
Tgt Ion:138 Resp: 54019
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 100.0 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 24.947 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:184 Resp: 16820
Ion Ratio Lower Upper
184 100
63 57.0 50.6 75.8
154 60.9 51.8 77.8

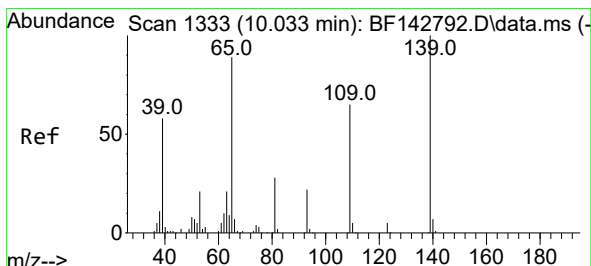
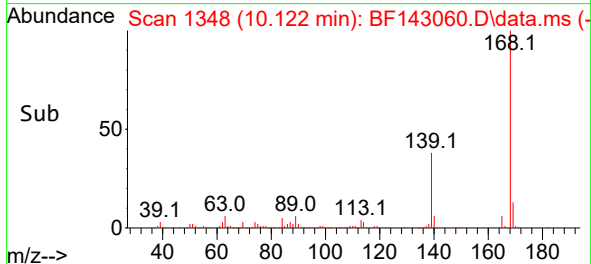
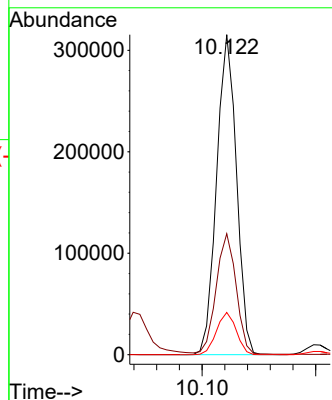
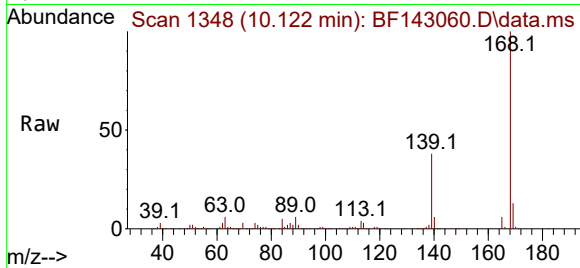




#55
Dibenzenofuran
Concen: 47.308 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

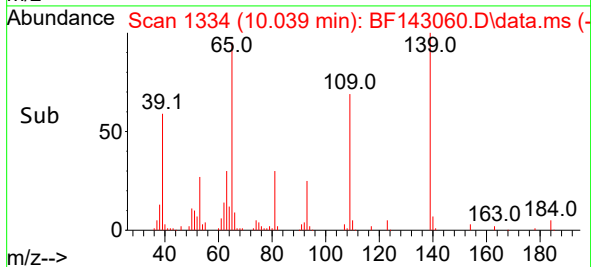
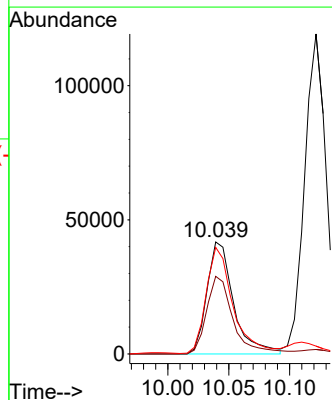
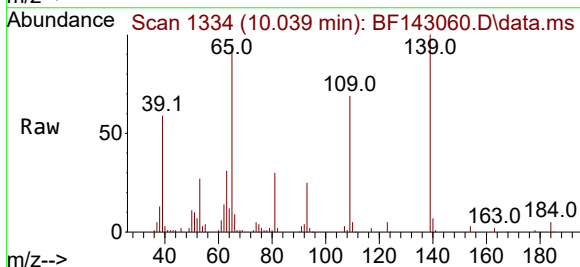
Instrument :
BNA_F
ClientSampleId :
TP-14MS

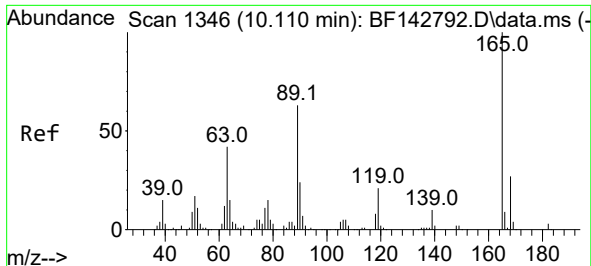
Tgt Ion:168 Resp: 382589
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 62.831 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:139 Resp: 63769
Ion Ratio Lower Upper
139 100
109 69.3 44.7 84.7
65 95.2 69.8 109.8

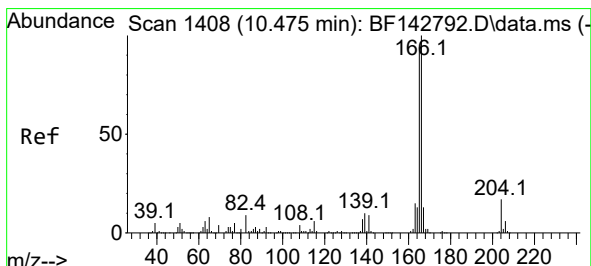
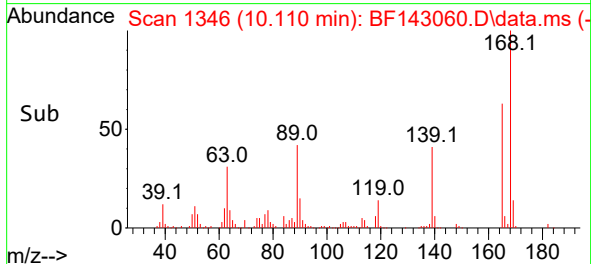
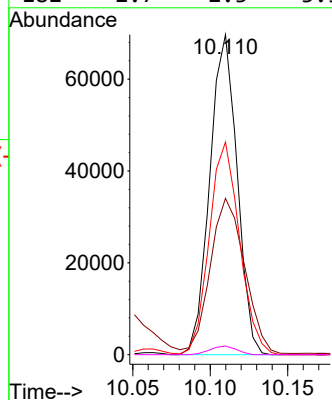
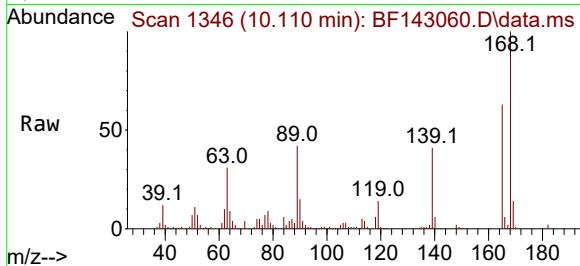




#57
2,4-Dinitrotoluene
Concen: 47.773 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

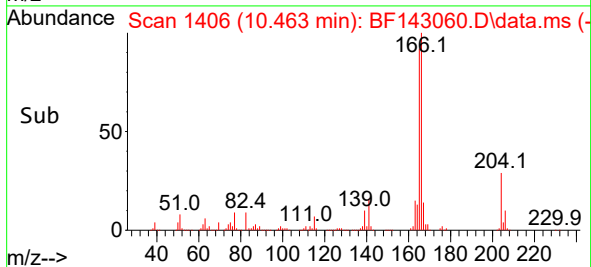
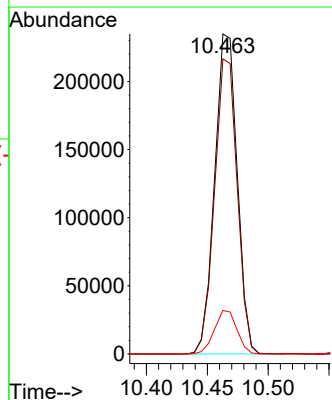
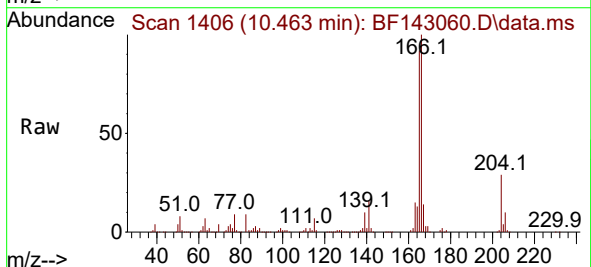
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:165 Resp: 85445
Ion Ratio Lower Upper
165 100
63 48.8 33.9 50.9
89 66.4 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 47.900 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:166 Resp: 302535
Ion Ratio Lower Upper
166 100
165 92.2 75.2 112.8
167 13.6 10.6 15.8

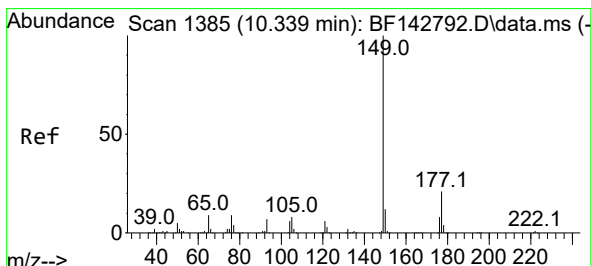
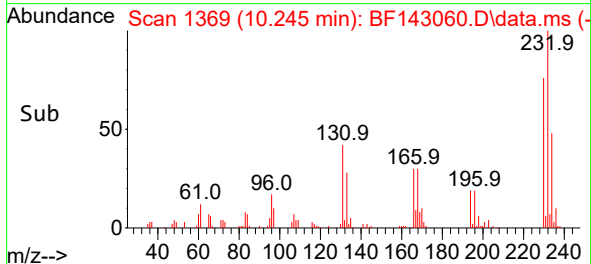
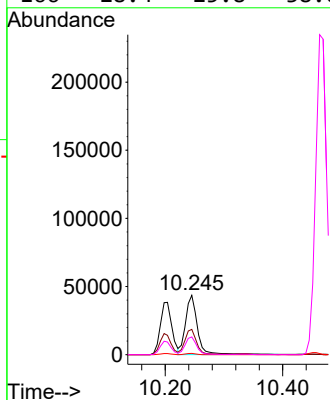
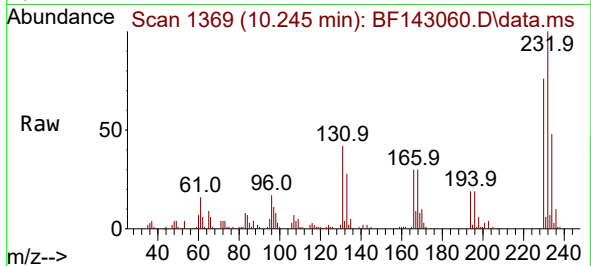




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.949 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

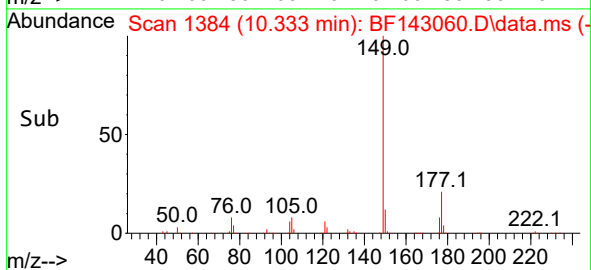
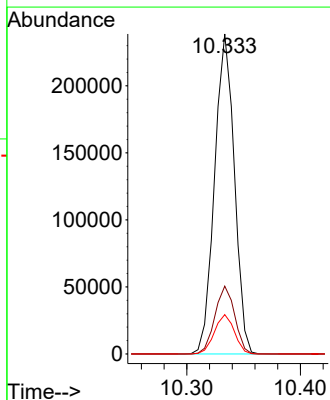
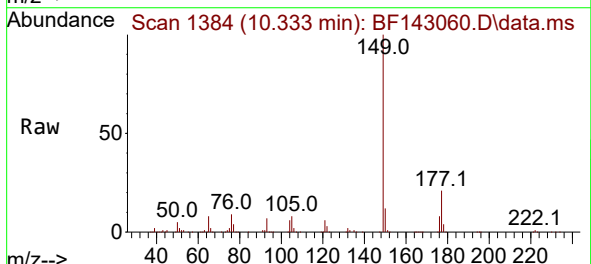
Instrument :
BNA_F
ClientSampleId :
TP-14MS

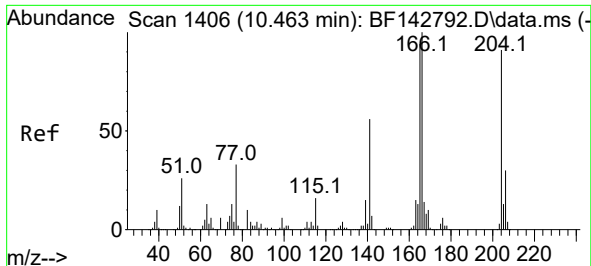
Tgt Ion:232 Resp: 60190
Ion Ratio Lower Upper
232 100
131 43.3 37.6 56.4
130 2.0 1.7 2.5
166 28.4 25.8 38.6



#60
Diethylphthalate
Concen: 48.090 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 289100
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 9.8 14.6

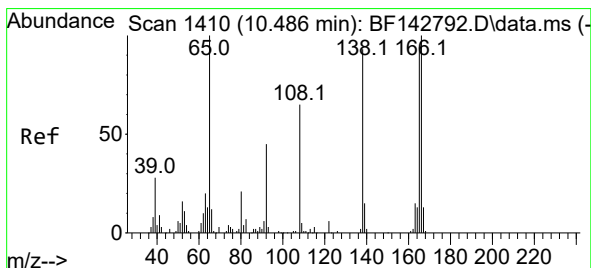
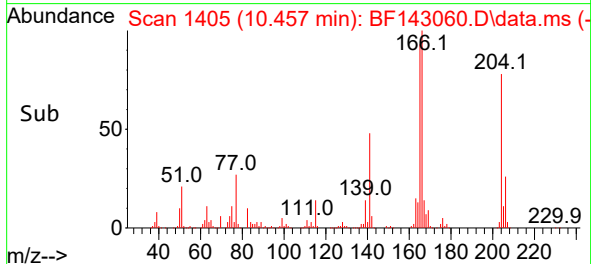
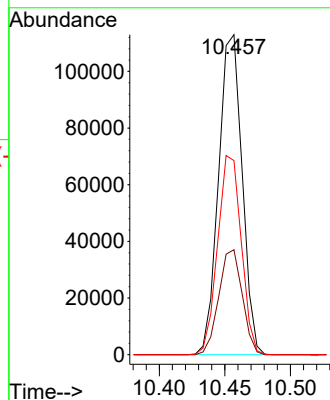
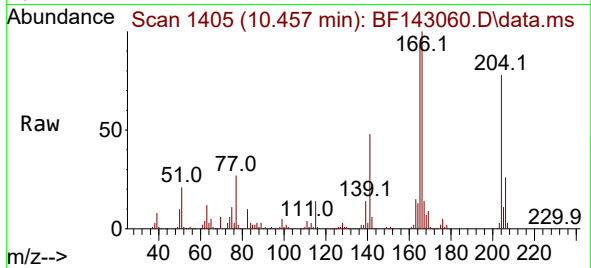




#61
4-Chlorophenyl-phenylether
Concen: 46.838 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

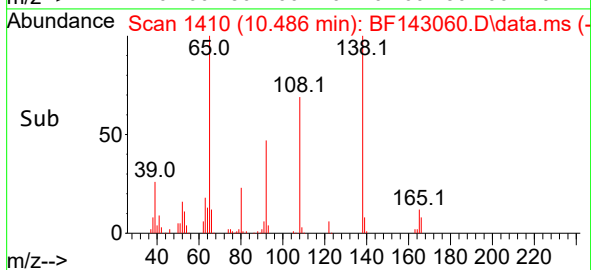
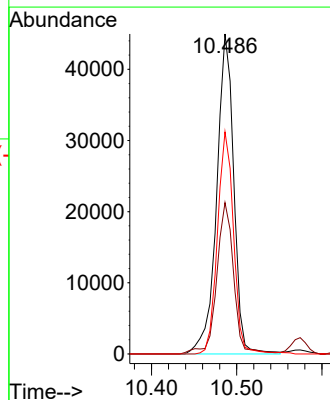
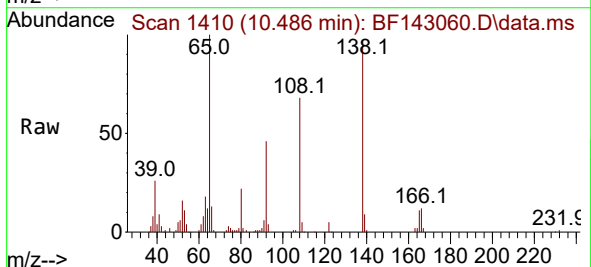
Instrument :
BNA_F
ClientSampleId :
TP-14MS

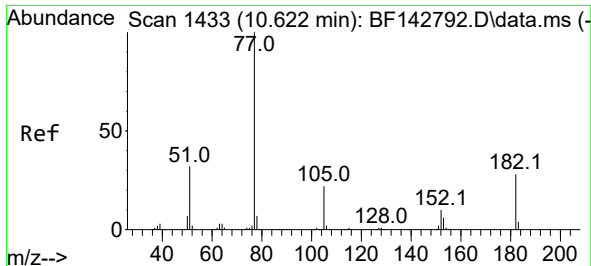
Tgt Ion:204 Resp: 141165
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 46.364 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:138 Resp: 62863
Ion Ratio Lower Upper
138 100
92 47.3 28.4 68.4
108 69.4 50.2 90.2



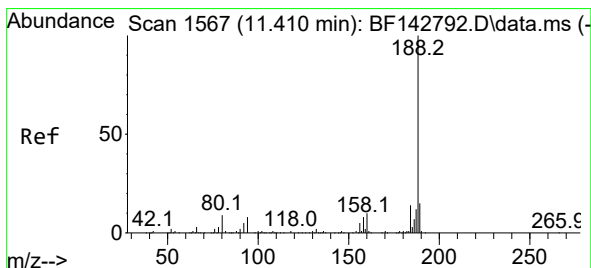
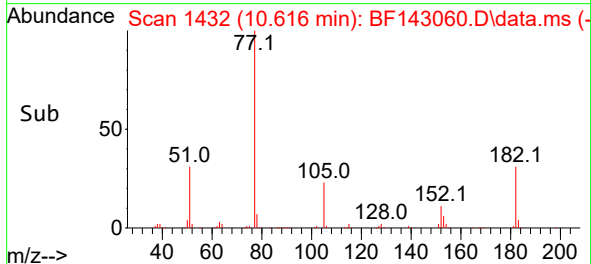
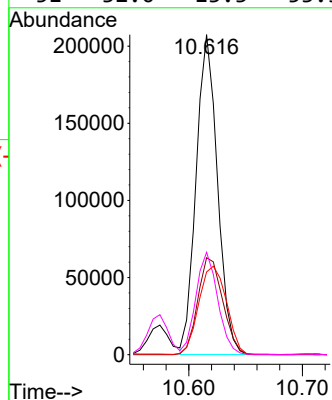
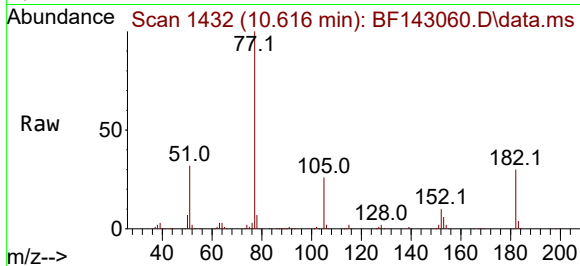


#63
 Azobenzene
 Concen: 50.258 ng
 RT: 10.616 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

Tgt Ion: 77 Resp: 270038

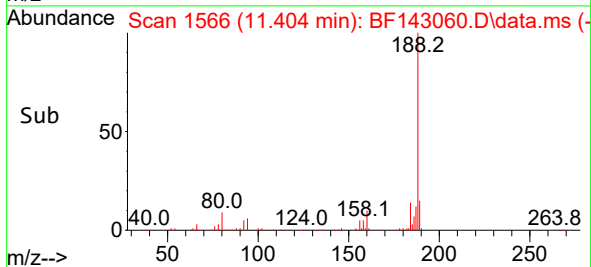
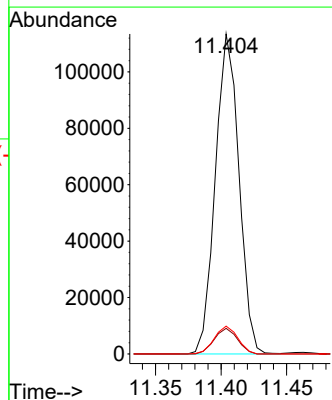
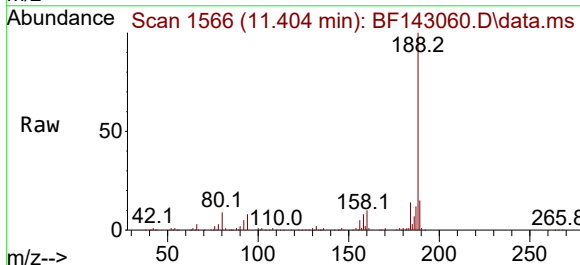
Ion	Ratio	Lower	Upper
77	100		
182	30.3	7.7	47.7
105	25.9	1.9	41.9
51	32.0	13.3	53.3

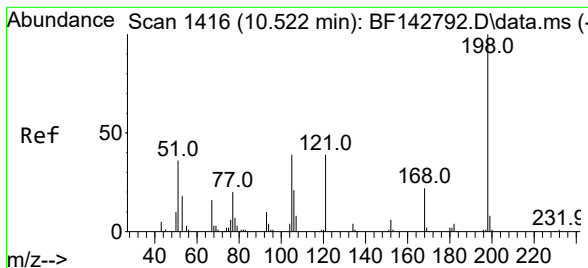


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

Tgt Ion: 188 Resp: 141827

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.7	6.9	10.3

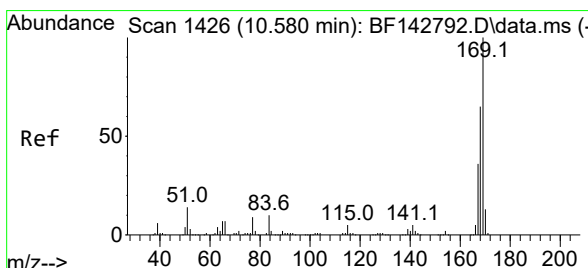
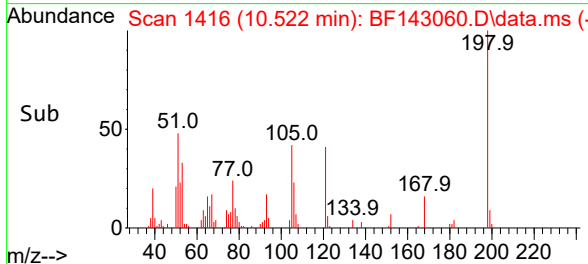
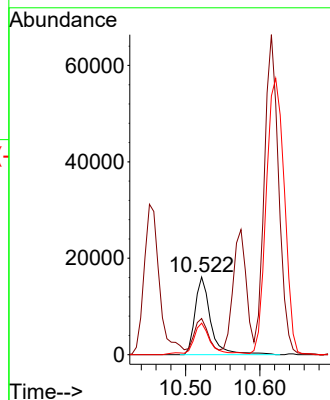
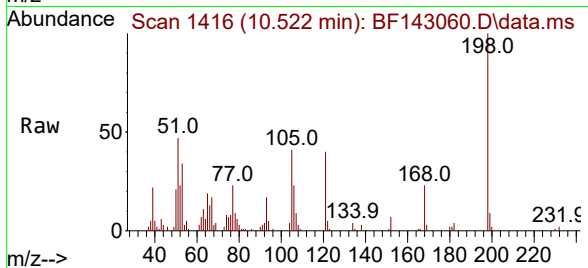




#65
4,6-Dinitro-2-methylphenol
Concen: 27.432 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

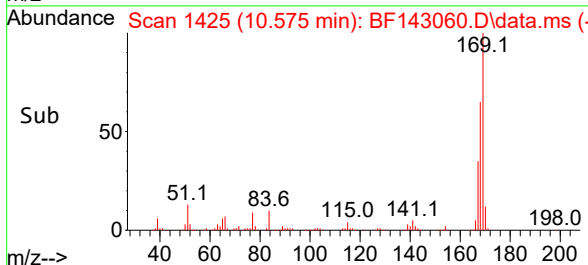
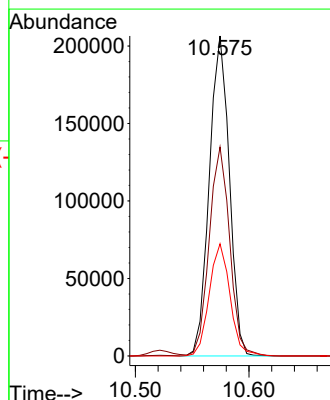
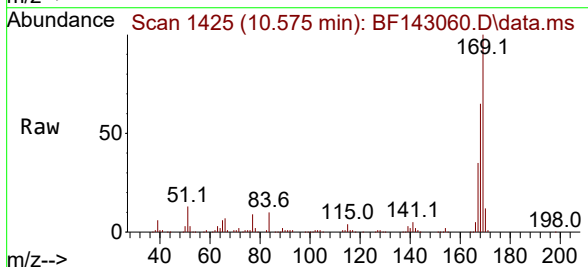
Instrument :
BNA_F
ClientSampleId :
TP-14MS

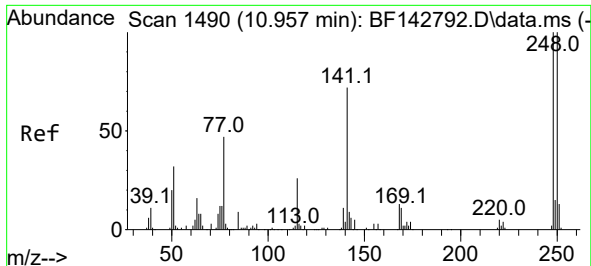
Tgt Ion:198 Resp: 23533
Ion Ratio Lower Upper
198 100
51 46.7 25.4 65.4
105 40.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 51.438 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:169 Resp: 252837
Ion Ratio Lower Upper
169 100
168 65.3 51.9 77.9
167 35.1 28.5 42.7

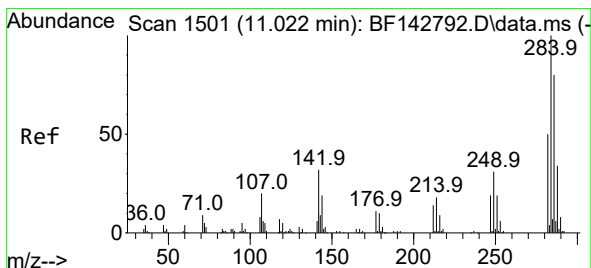
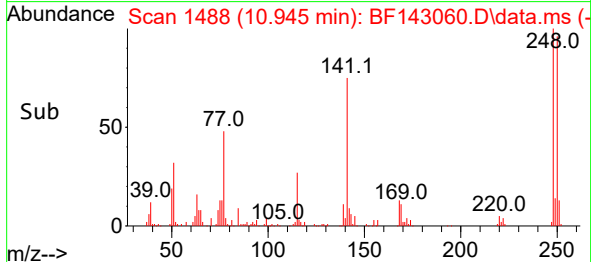
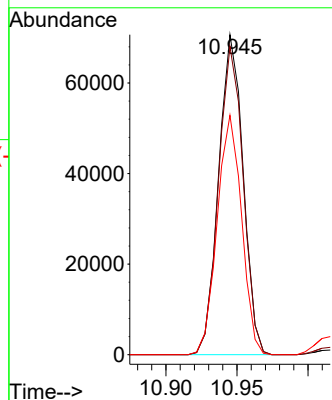
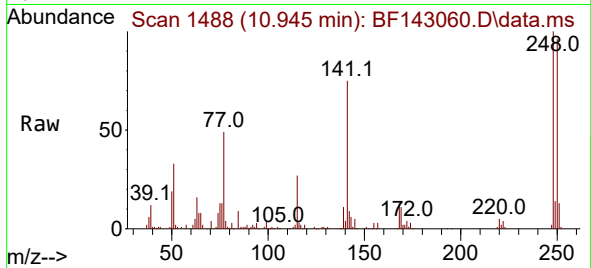




#67
4-Bromophenyl-phenylether
Concen: 52.537 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

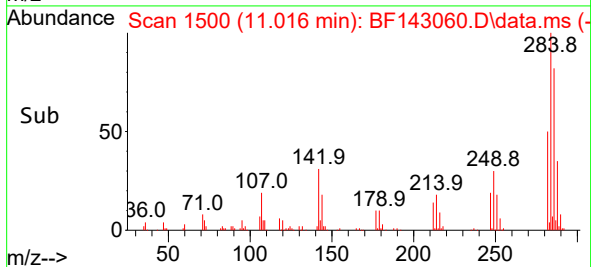
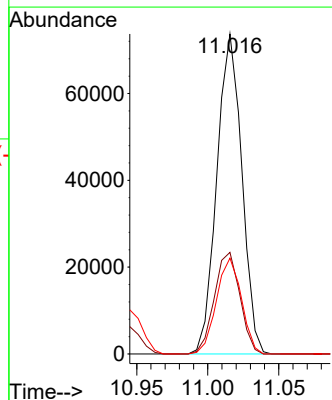
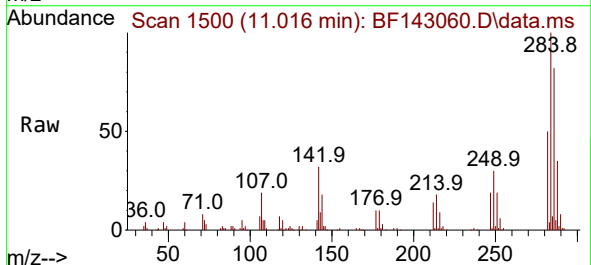
Instrument :
BNA_F
ClientSampleId :
TP-14MS

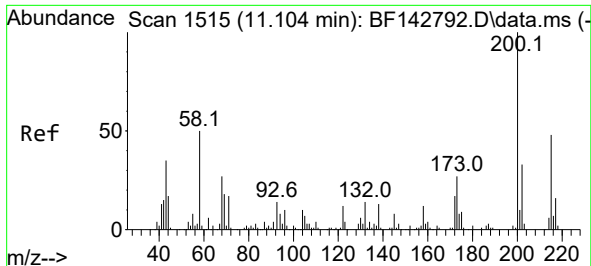
Tgt Ion:248 Resp: 84802
Ion Ratio Lower Upper
248 100
250 96.3 79.8 119.8
141 74.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 50.264 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:284 Resp: 90152
Ion Ratio Lower Upper
284 100
142 31.8 25.5 38.3
249 30.0 24.9 37.3

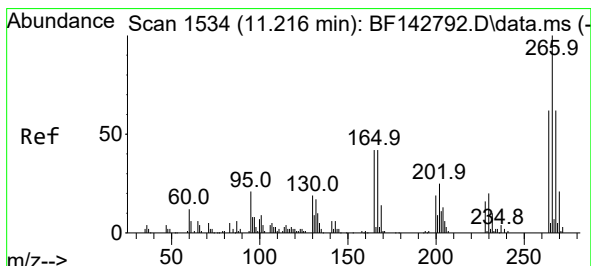
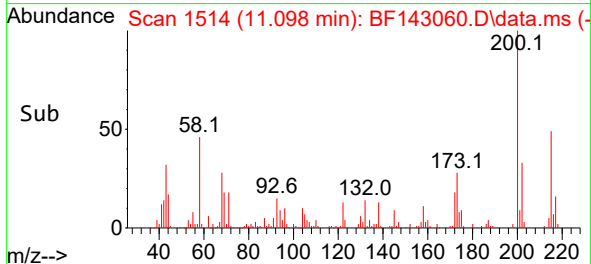
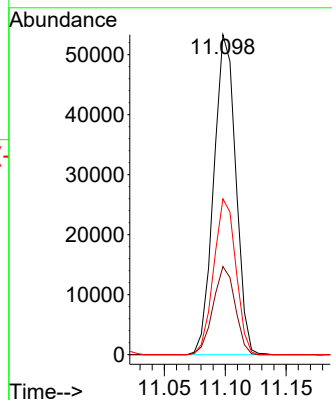
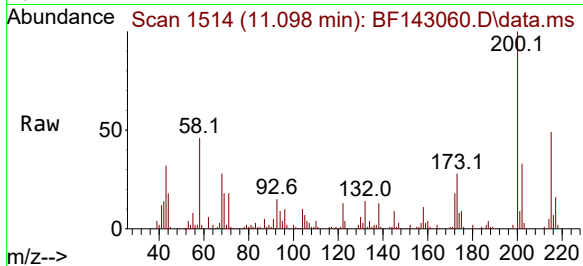




#69
 Atrazine
 Concen: 52.912 ng
 RT: 11.098 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

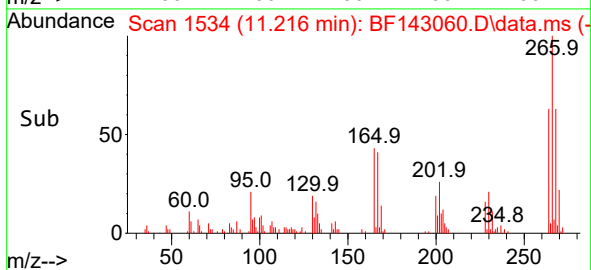
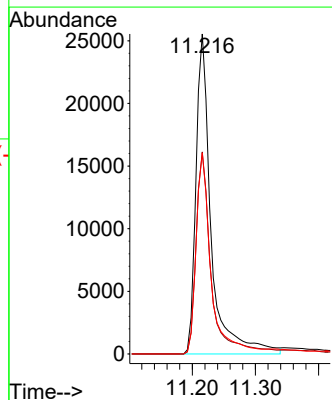
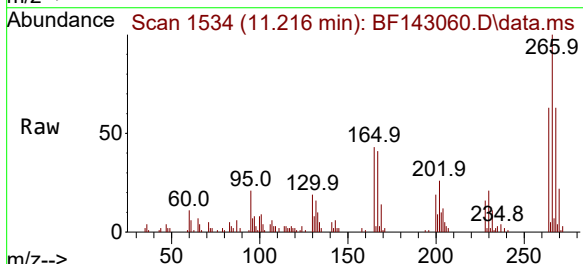
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

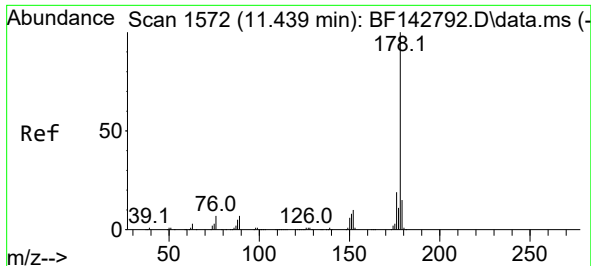
Tgt Ion:200 Resp: 67161
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.7 28.4 68.4



#70
 Pentachlorophenol
 Concen: 47.807 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

Tgt Ion:266 Resp: 42727
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.8 74.8
 264 62.9 49.9 74.9

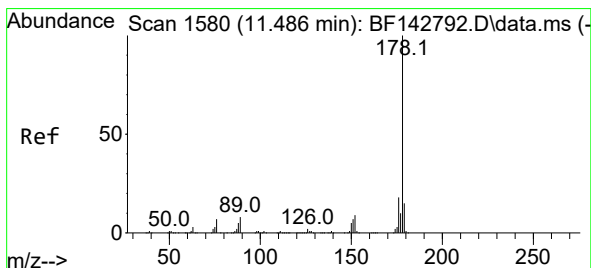
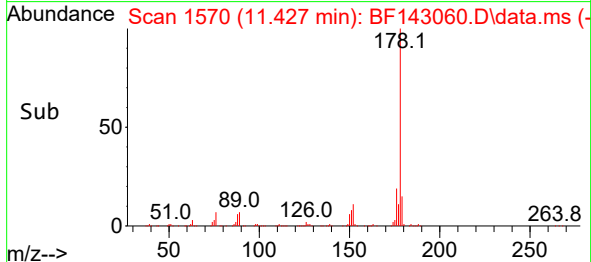
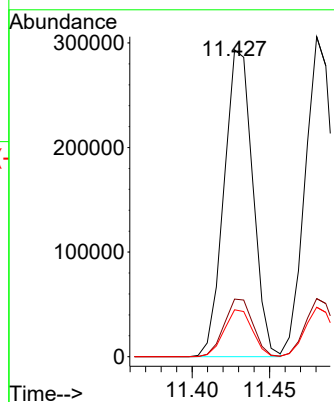
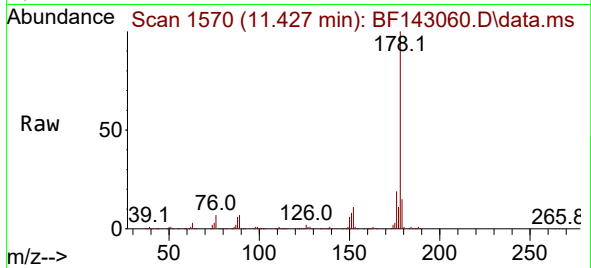




#71
Phenanthrene
Concen: 49.304 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

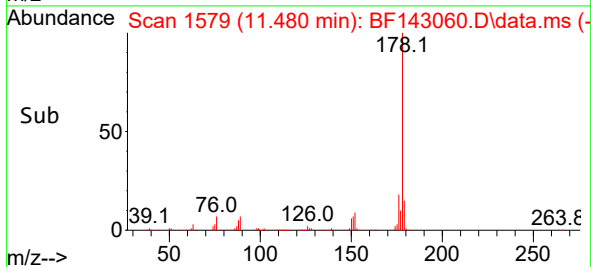
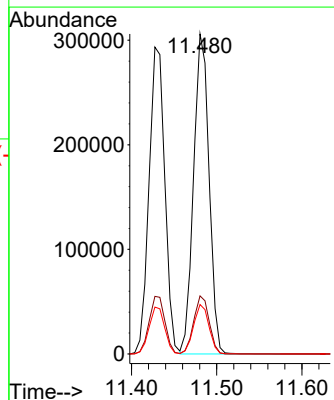
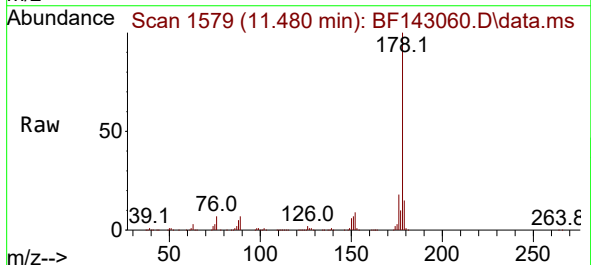
Instrument :
BNA_F
ClientSampleId :
TP-14MS

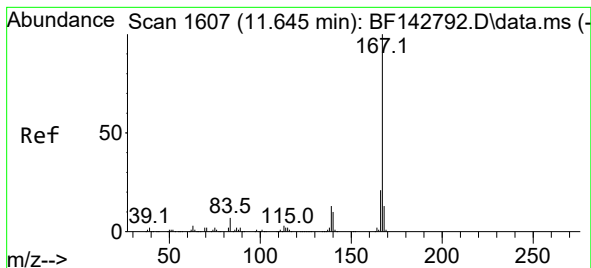
Tgt Ion:178 Resp: 378793
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 48.942 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:178 Resp: 385629
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.669 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

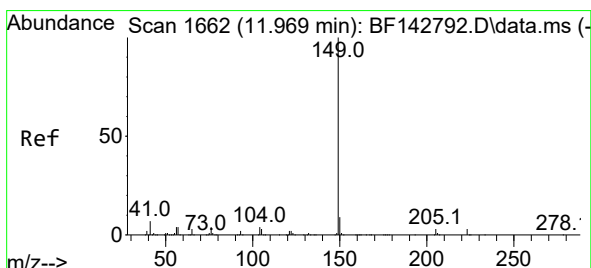
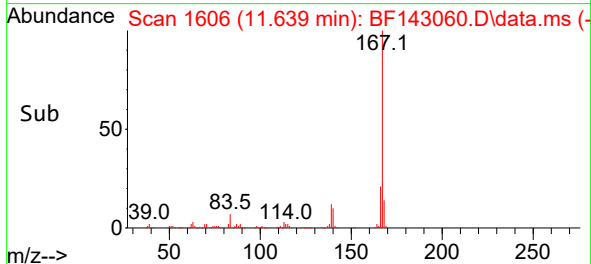
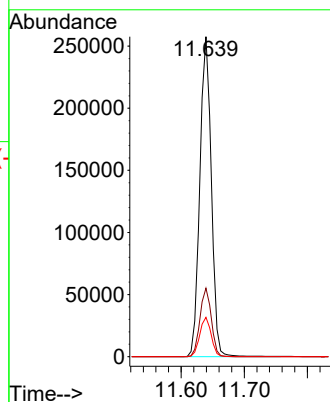
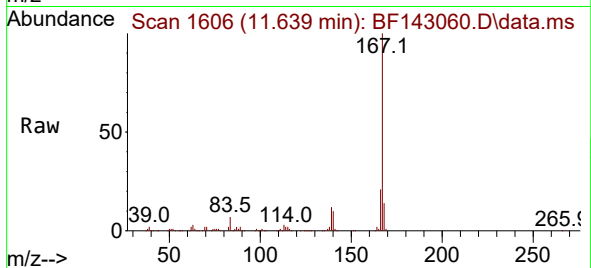
Tgt Ion:167 Resp: 324129

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 51.876 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

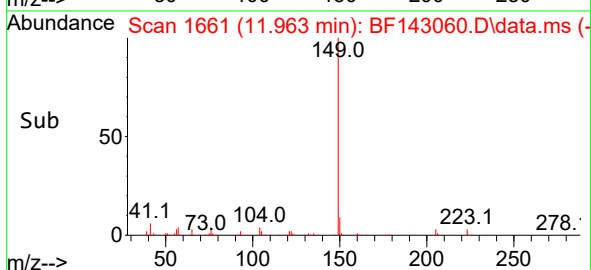
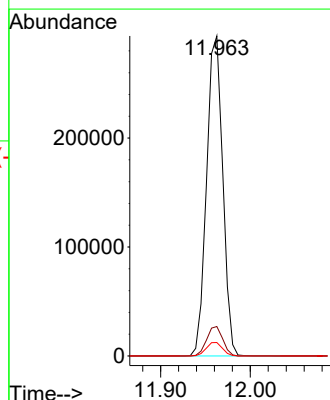
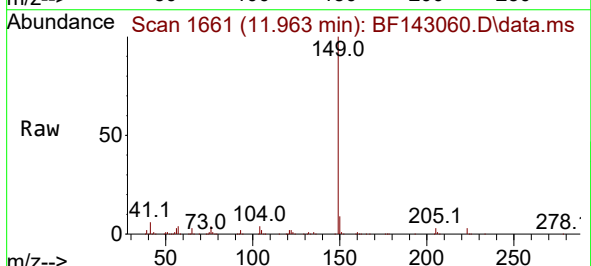
Tgt Ion:149 Resp: 367460

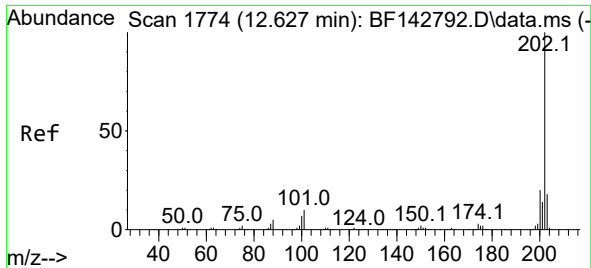
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.2 3.5 5.3

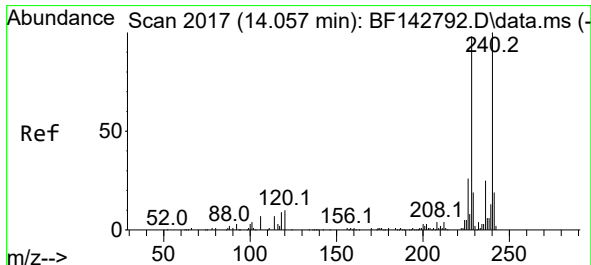
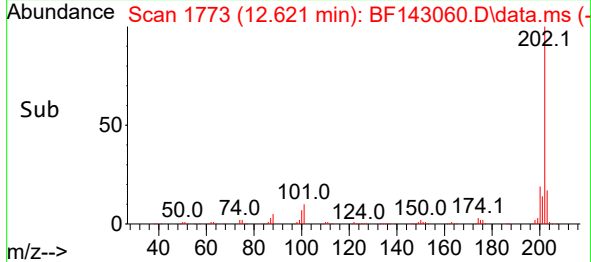
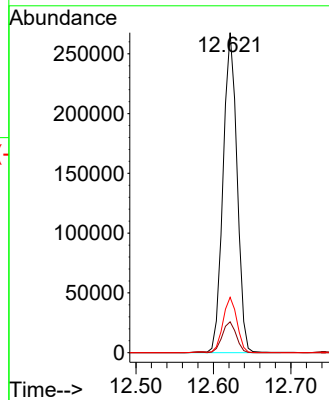
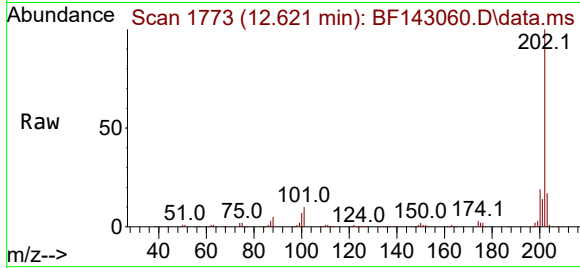




#75
Fluoranthene
Concen: 46.111 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

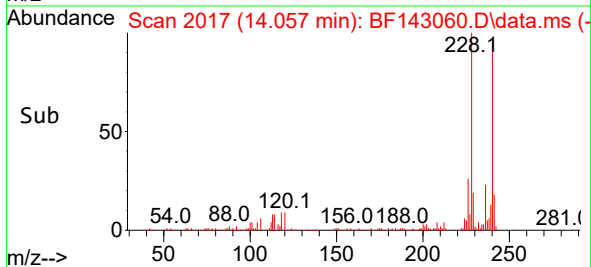
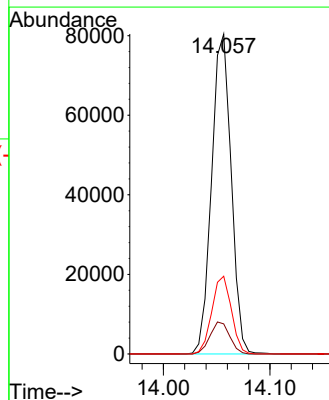
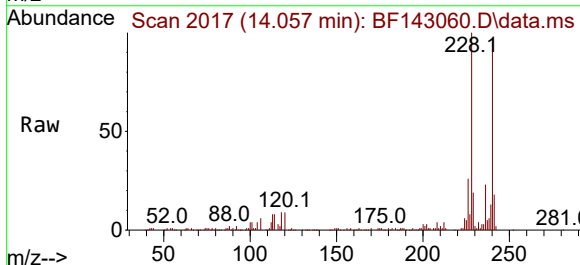
Instrument :
BNA_F
ClientSampleId :
TP-14MS

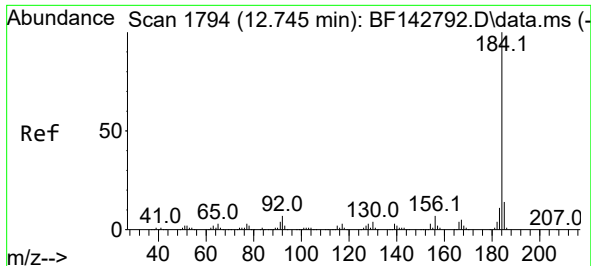
Tgt Ion:202 Resp: 336211
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:240 Resp: 102470
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.3 19.8 29.8

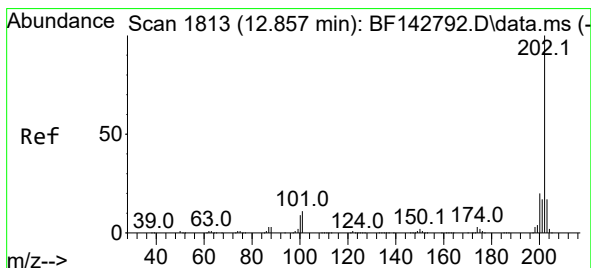
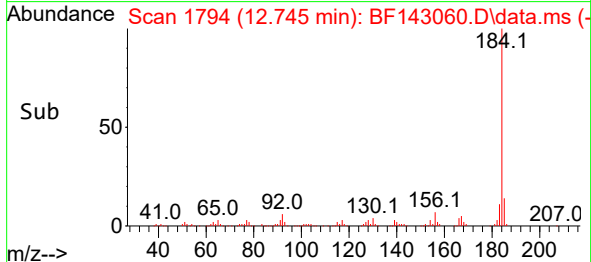
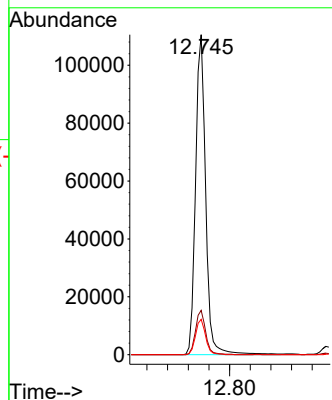
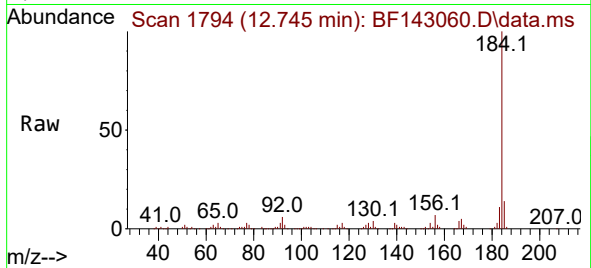




#77
Benzidine
Concen: 38.946 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

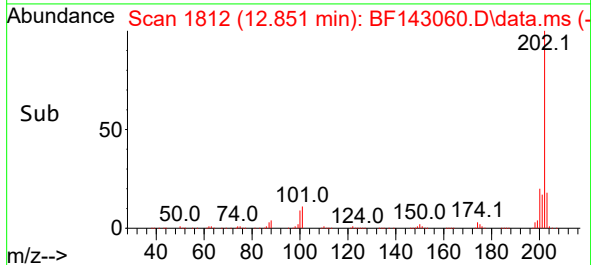
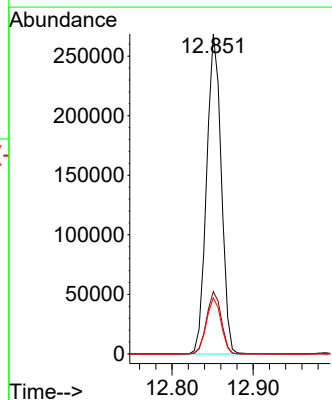
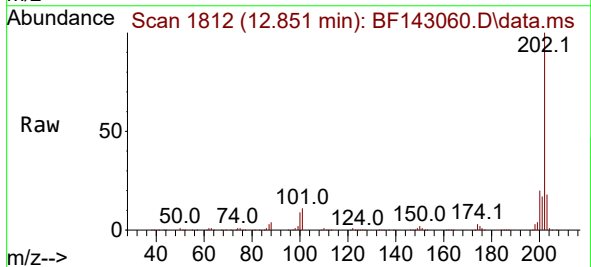
Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:184 Resp: 149939
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 34.907 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:202 Resp: 335284
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 17.5 13.8 20.6

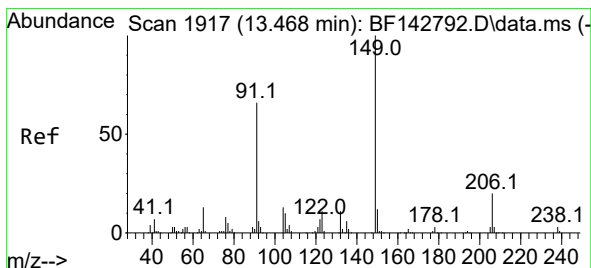
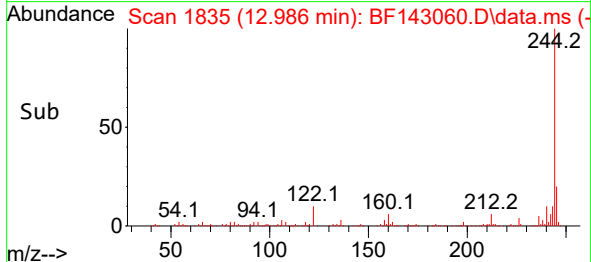
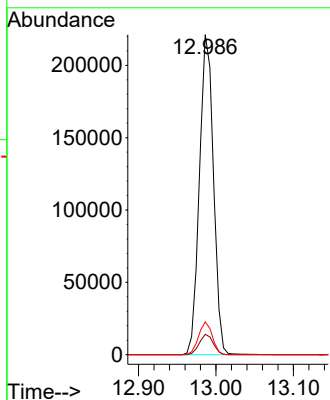
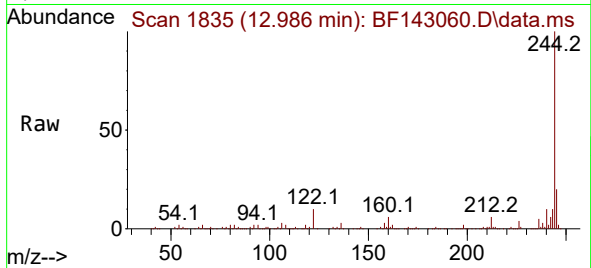




#79
 Terphenyl-d14
 Concen: 37.530 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

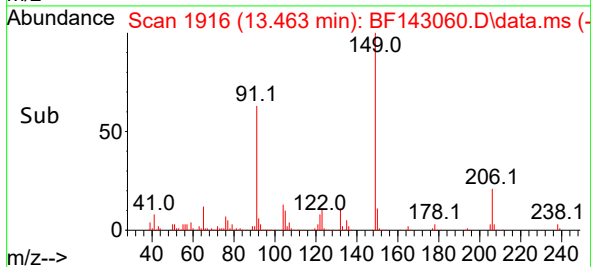
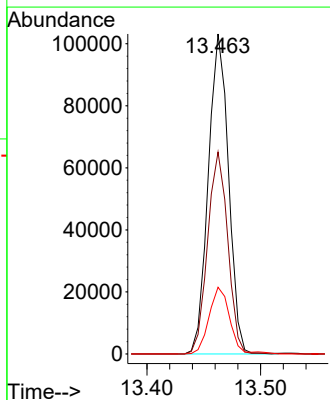
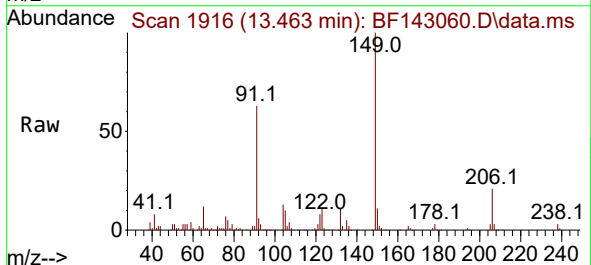
Instrument :
 BNA_F
 ClientSampleId :
 TP-14MS

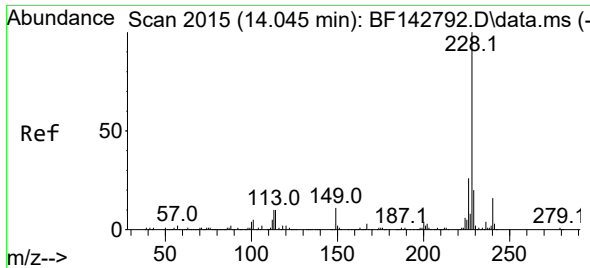
Tgt Ion:244 Resp: 278331
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 45.826 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF143060.D
 Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 127678
 Ion Ratio Lower Upper
 149 100
 91 63.1 52.9 79.3
 206 20.9 16.3 24.5

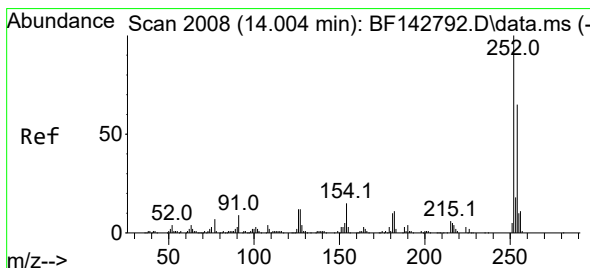
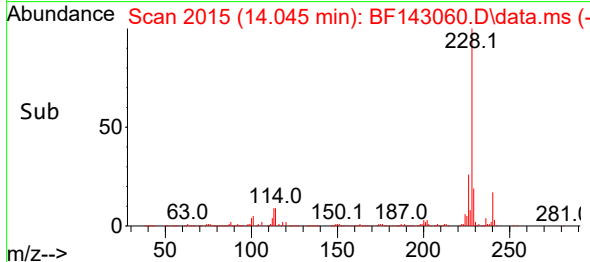
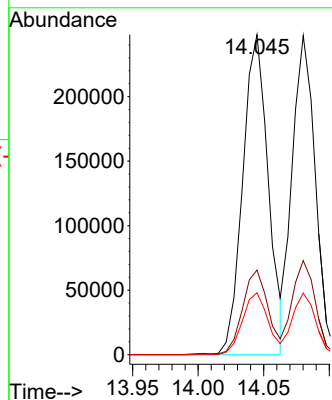
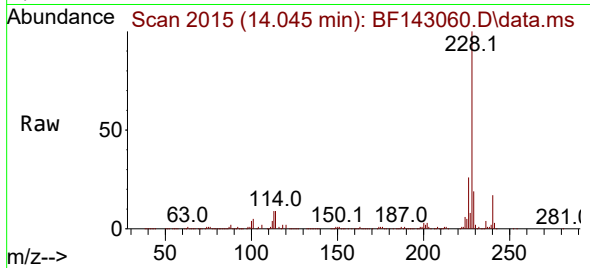




#81
Benzo(a)anthracene
Concen: 48.590 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

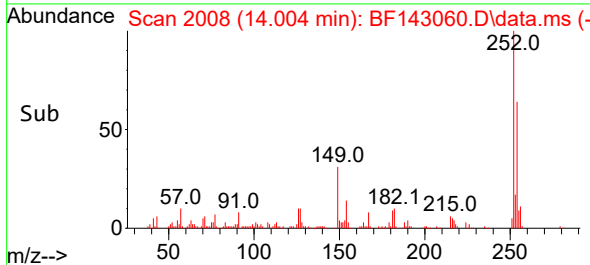
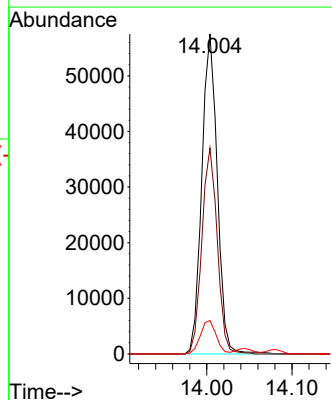
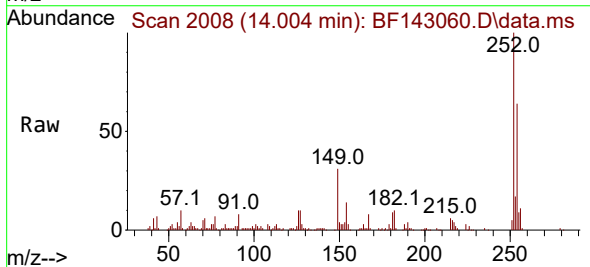
Instrument :
BNA_F
ClientSampleId :
TP-14MS

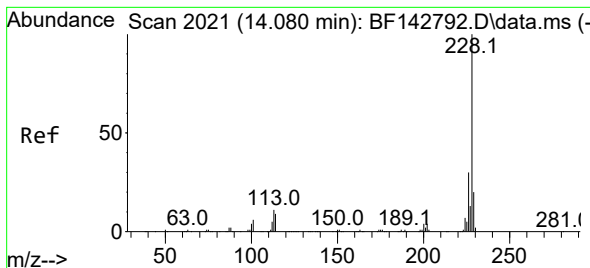
Tgt Ion:228 Resp: 335887
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 32.465 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:252 Resp: 72793
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 10.5 9.4 14.2





#83

Chrysene

Concen: 48.835 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

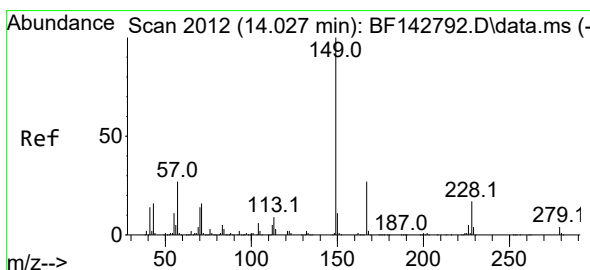
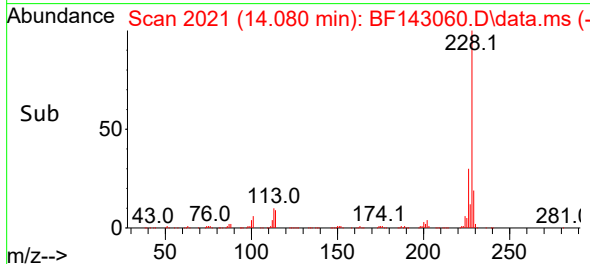
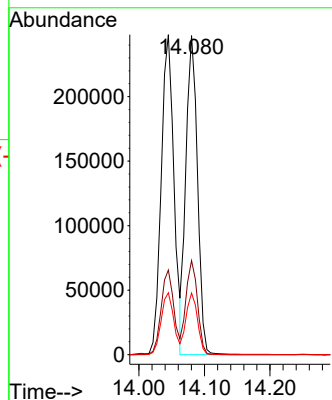
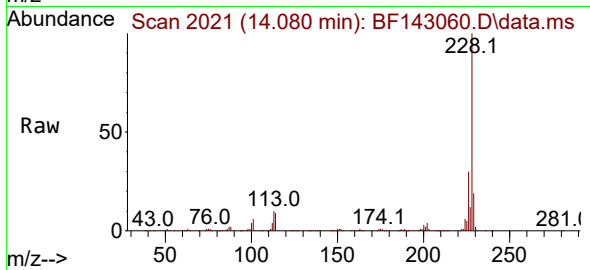
Tgt Ion:228 Resp: 301234

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.898 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

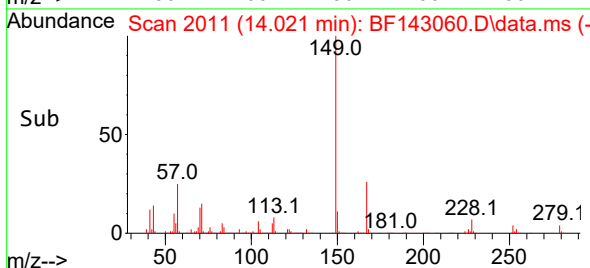
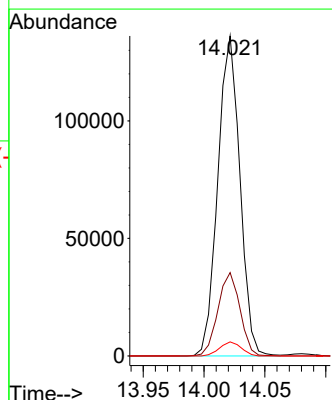
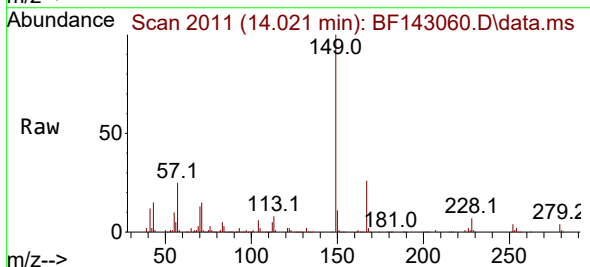
Tgt Ion:149 Resp: 171962

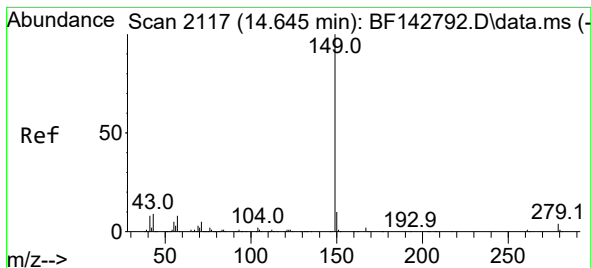
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.389 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

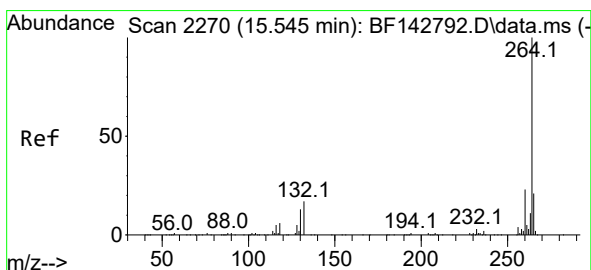
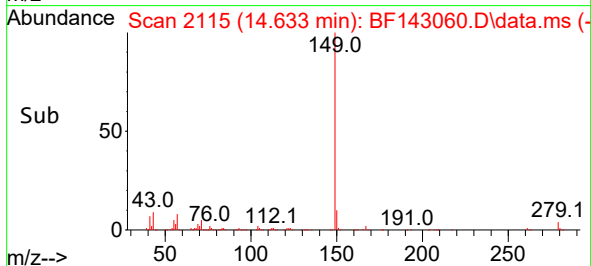
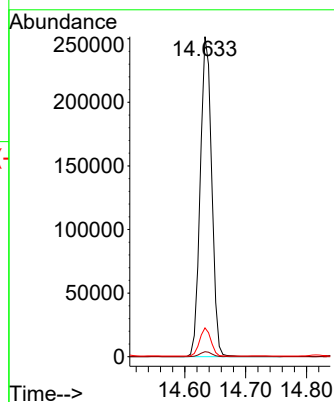
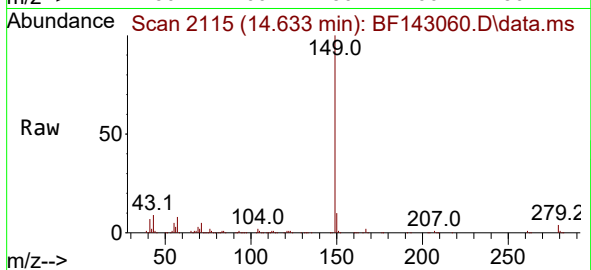
Tgt Ion:149 Resp: 327966

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

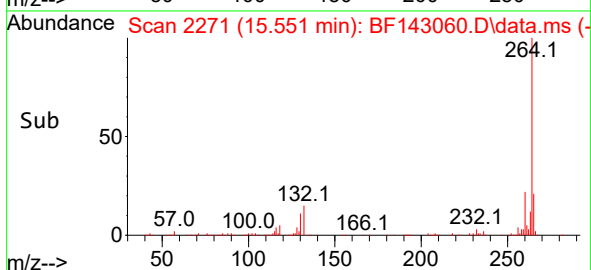
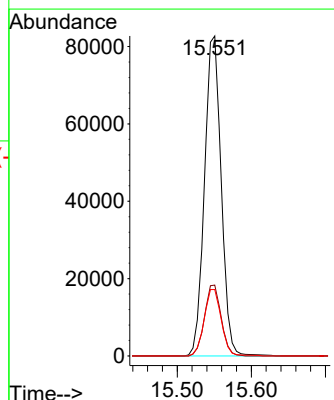
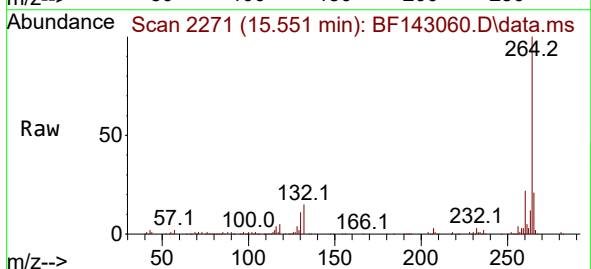
Tgt Ion:264 Resp: 129759

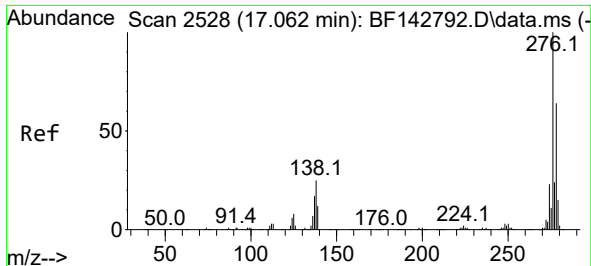
Ion Ratio Lower Upper

264 100

260 22.2 18.1 27.1

265 20.8 16.6 25.0

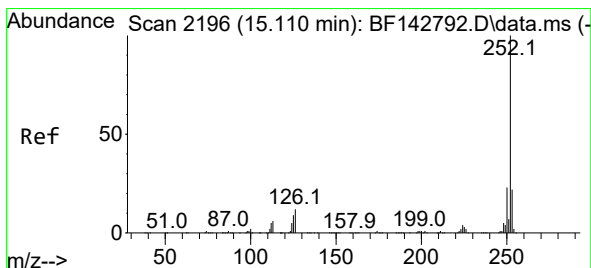
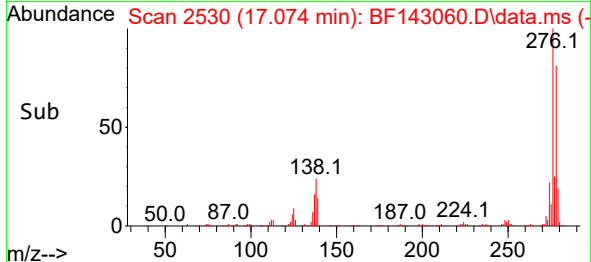
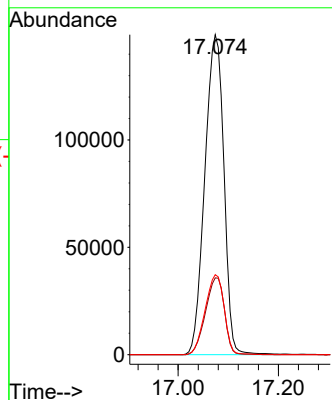
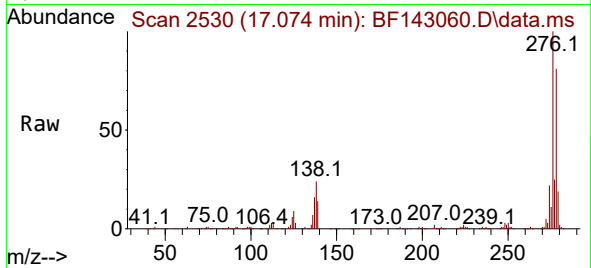




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.789 ng
RT: 17.074 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

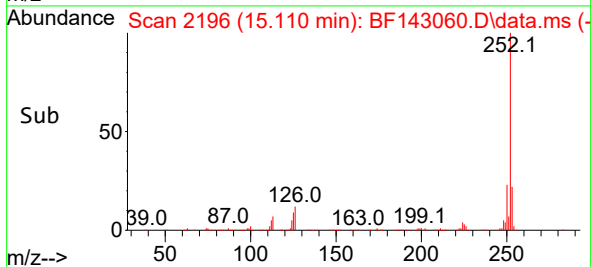
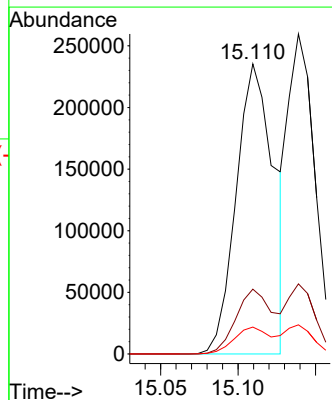
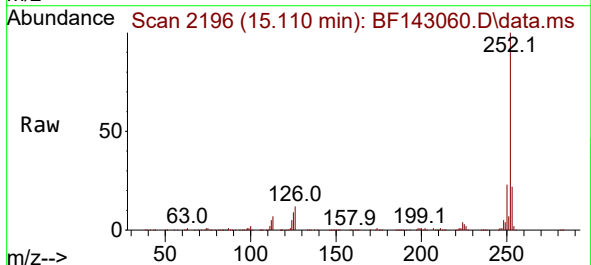
Instrument :
BNA_F
ClientSampleId :
TP-14MS

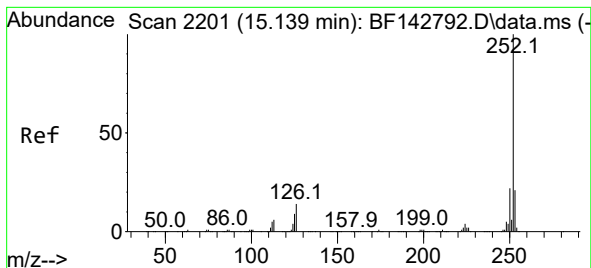
Tgt Ion:276 Resp: 393256
Ion Ratio Lower Upper
276 100
138 23.9 20.2 30.4
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 52.951 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:252 Resp: 397576
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.674 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

Instrument :

BNA_F

ClientSampleId :

TP-14MS

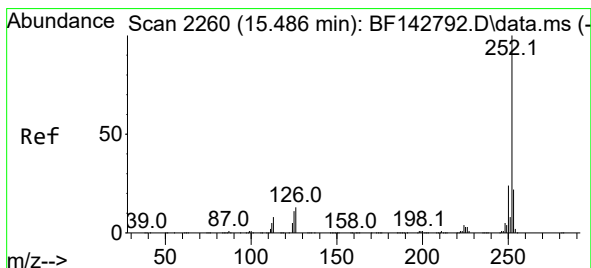
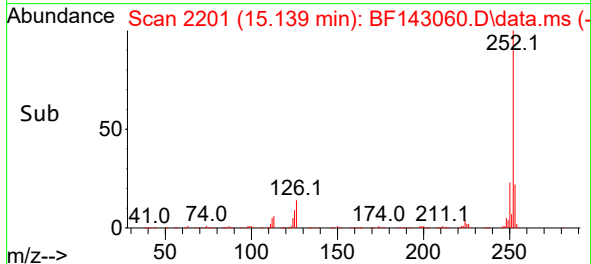
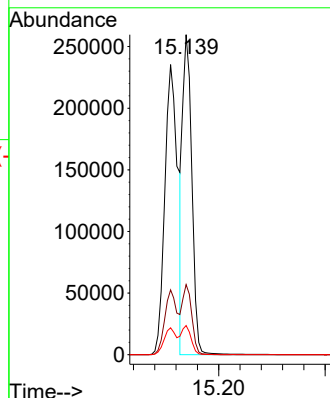
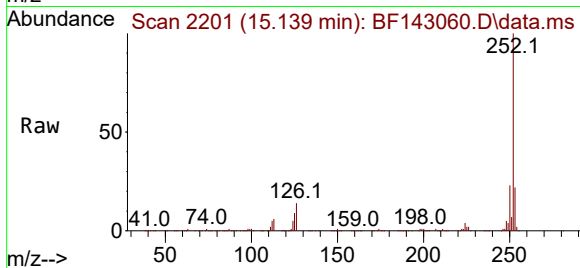
Tgt Ion:252 Resp: 313820

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.728 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143060.D

Acq: 09 Jul 2025 17:00

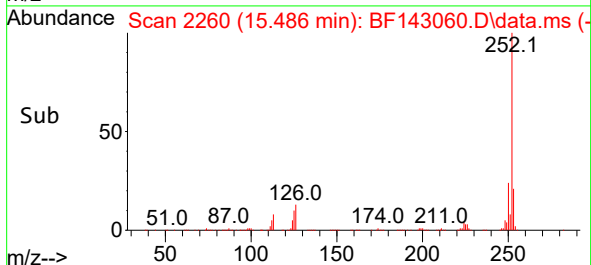
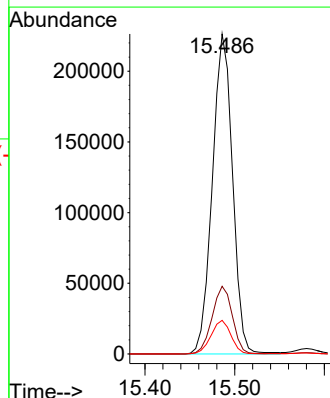
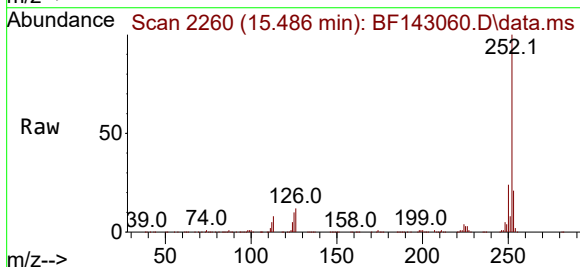
Tgt Ion:252 Resp: 353459

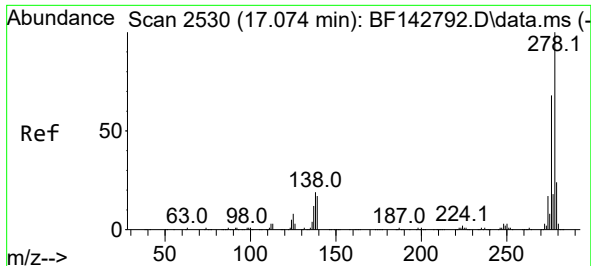
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 10.5 8.6 12.8

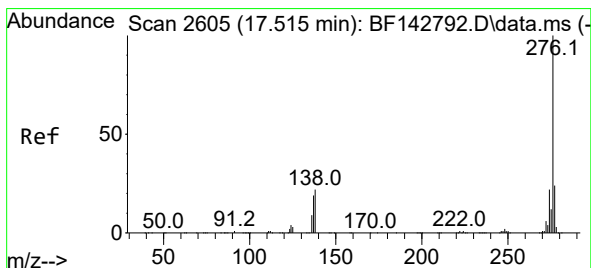
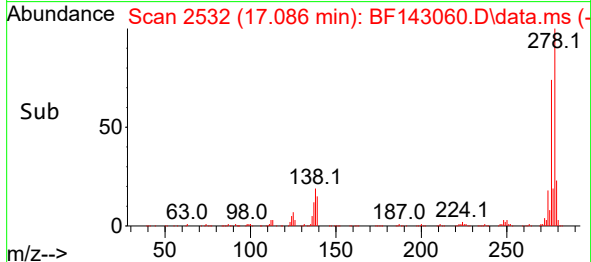
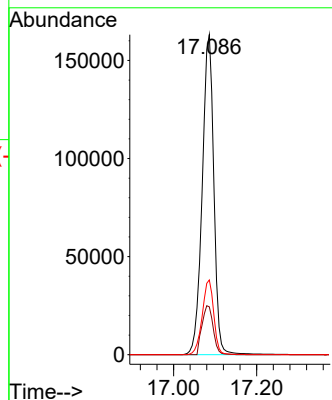
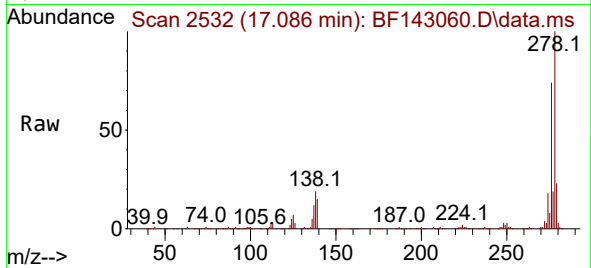




#91
Dibenzo(a,h)anthracene
Concen: 39.517 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:278 Resp: 317343
Ion Ratio Lower Upper
278 100
139 15.0 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.625 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:276 Resp: 301293
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.9 17.6 26.4

